

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012574.D
 Acq On : 20 Sep 2019 22:35
 Operator : JC/SP
 Sample : VX0920WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS02

Quant Time: Sep 21 01:39:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123088	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	120755	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
35) Dibromofluoromethane	5.49	113	88569	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	8.71	98	329675	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.14	95	130549	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	21897	19.593	ug/l	97
3) Chloromethane	1.32	50	19302	20.703	ug/l	97
4) Vinyl Chloride	1.40	62	21137	20.976	ug/l	99
5) Bromomethane	1.63	94	9338	23.587	ug/l	93
6) Chloroethane	1.72	64	15483	19.635	ug/l	95
7) Trichlorofluoromethane	1.92	101	39675	21.478	ug/l	98
8) Diethyl Ether	2.18	74	17821	21.359	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27638	20.679	ug/l	99
10) Methyl Iodide	2.50	142	21855	21.804	ug/l	97
11) Tert butyl alcohol	3.03	59	65362	102.582	ug/l	98
12) 1,1-Dichloroethene	2.36	96	22798	21.382	ug/l	93
13) Acrolein	2.28	56	17241	79.638	ug/l	99
14) Allyl chloride	2.72	41	49050	19.760	ug/l	99
15) Acrylonitrile	3.13	53	112304	106.627	ug/l	99
16) Acetone	2.44	43	105314	89.726	ug/l	99
17) Carbon Disulfide	2.56	76	25357	18.015	ug/l	100
18) Methyl Acetate	2.76	43	53640	21.179	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	124173	21.360	ug/l	100
20) Methylene Chloride	2.84	84	30642	20.831	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	23772	21.471	ug/l	97
22) Diisopropyl ether	3.85	45	122870	21.141	ug/l	93
23) Vinyl Acetate	3.80	43	501135	104.817	ug/l	98
24) 1,1-Dichloroethane	3.69	63	59680	21.461	ug/l	98
25) 2-Butanone	4.66	43	164835	97.769	ug/l	100
26) 2,2-Dichloropropane	4.58	77	46338	16.943	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	35758	21.620	ug/l	95
28) Bromochloromethane	5.01	49	29662	20.690	ug/l	99
29) Tetrahydrofuran	5.12	42	99995	107.361	ug/l	100
30) Chloroform	5.20	83	66303	20.761	ug/l	98
31) Cyclohexane	5.57	56	34610	20.617	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	55228	20.690	ug/l	100
36) 1,1-Dichloropropene	5.79	75	35361	20.315	ug/l	98
37) Ethyl Acetate	4.83	43	59144	22.135	ug/l	97
38) Carbon Tetrachloride	5.78	117	43341	20.020	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	33710	19.921	ug/l	96
40) Benzene	6.14	78	119090	21.515	ug/l	98
41) Methacrylonitrile	5.03	41	34626	20.126	ug/l	97
42) 1,2-Dichloroethane	6.18	62	53944	21.012	ug/l	99
43) Isopropyl Acetate	6.43	43	98734	20.588	ug/l	99
44) Trichloroethene	7.21	130	32814	22.536	ug/l	100
45) 1,2-Dichloropropane	7.51	63	35588	20.927	ug/l	99
46) Dibromomethane	7.65	93	23663	21.502	ug/l	99
47) Bromodichloromethane	7.89	83	49665	20.269	ug/l	98
48) Methyl methacrylate	7.76	41	45544	20.147	ug/l	99
49) 1,4-Dioxane	7.73	88	21922	398.442	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	332810	105.824	ug/l	99
52) Toluene	8.78	92	76606	21.478	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	48938	19.213	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	53252	20.195	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	39743	21.628	ug/l	96
56) Ethyl methacrylate	9.17	69	60299	20.988	ug/l	97
57) 1,3-Dichloropropane	9.37	76	63470	21.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	153703	103.351	ug/l	99
59) 2-Hexanone	9.49	43	250947	102.278	ug/l	100
60) Dibromochloromethane	9.58	129	38933	20.800	ug/l	98
61) 1,2-Dibromoethane	9.67	107	36842	21.952	ug/l	98
64) Tetrachloroethene	9.33	164	30324	26.048	ug/l	98
65) Chlorobenzene	10.14	112	89790	21.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	36914	21.212	ug/l	99
67) Ethyl Benzene	10.25	91	154578	21.457	ug/l	99
68) m/p-Xylenes	10.35	106	114327	43.616	ug/l	99
69) o-Xylene	10.70	106	58600	21.738	ug/l	99
70) Styrene	10.71	104	103429	21.686	ug/l	98
71) Bromoform	10.85	173	25704	19.040	ug/l #	99
73) Isopropylbenzene	11.01	105	168208	21.780	ug/l	100
74) N-amyl acetate	10.89	43	83883	20.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	64267	21.213	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	70173	24.819	ug/l	88
77) Bromobenzene	11.25	156	40281	21.386	ug/l	100
78) n-propylbenzene	11.35	91	177478	20.619	ug/l	98
79) 2-Chlorotoluene	11.42	91	115146	20.563	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	137474	20.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16060	17.724	ug/l	91
82) 4-Chlorotoluene	11.51	91	133088	20.708	ug/l	100
83) tert-Butylbenzene	11.76	119	143698	20.360	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	140348	20.753	ug/l	100
85) sec-Butylbenzene	11.94	105	162654	20.914	ug/l	98
86) p-Isopropyltoluene	12.06	119	144910	20.292	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74651	21.070	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	73093	20.083	ug/l	97
89) n-Butylbenzene	12.39	91	119100	18.692	ug/l	99
90) Hexachloroethane	12.59	117	24463	18.682	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	79192	21.385	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15720	20.015	ug/l	95

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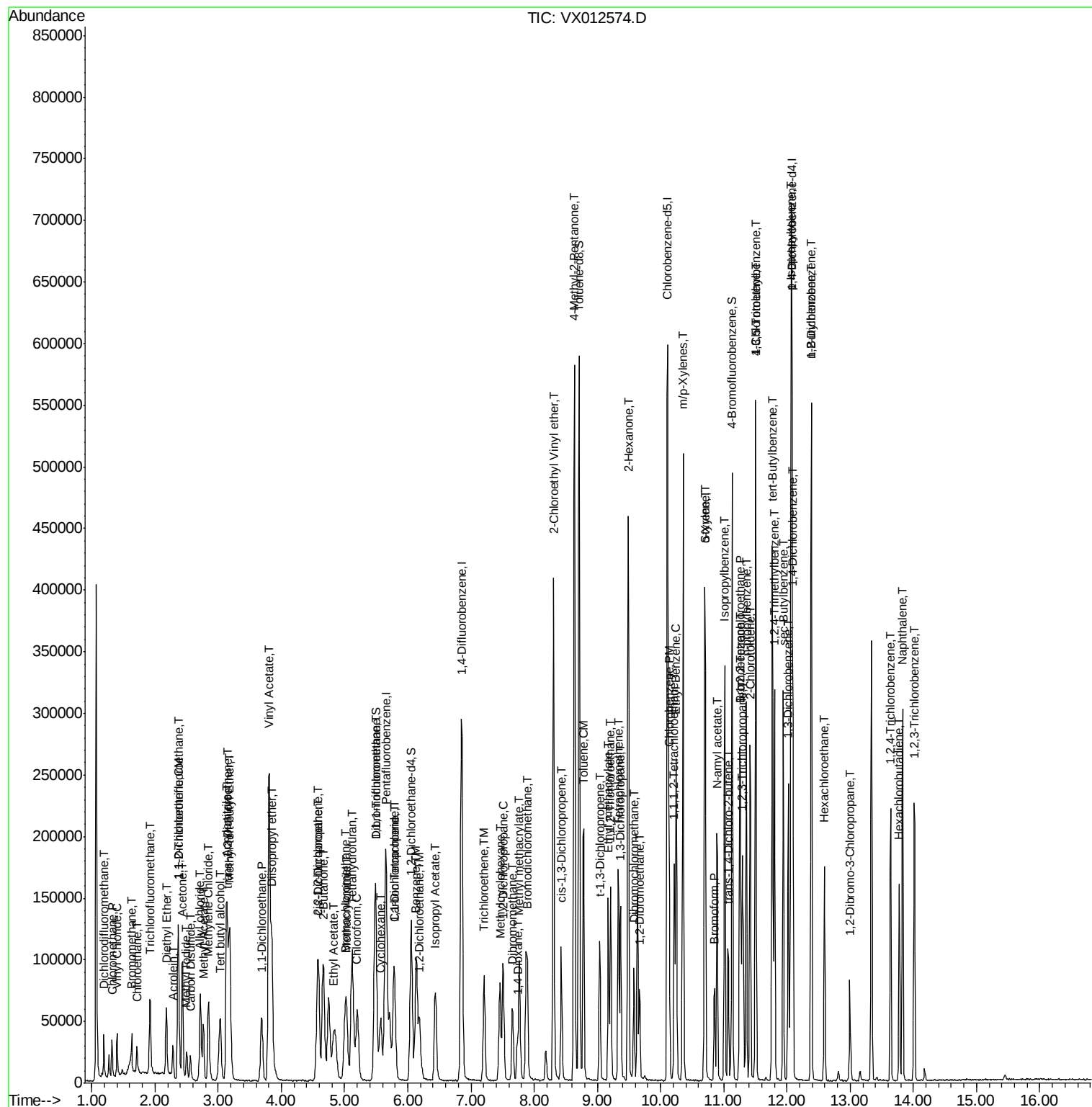
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48021	20.133	ug/l	99
94) Hexachlorobutadiene	13.78	225	21160	18.822	ug/l	97
95) Naphthalene	13.83	128	177191	20.877	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	50060	20.595	ug/l	99

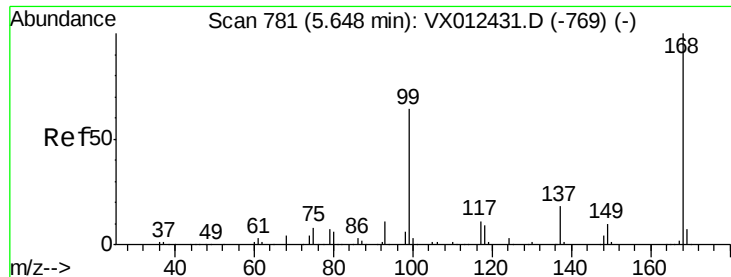
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

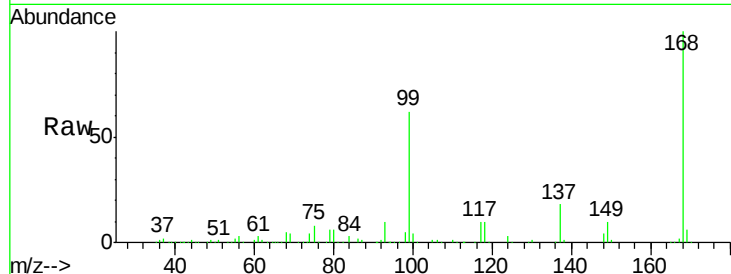
VX0920WBS02

Tot Ion:168 Resp: 169587

Ion Ratio Lower Upper

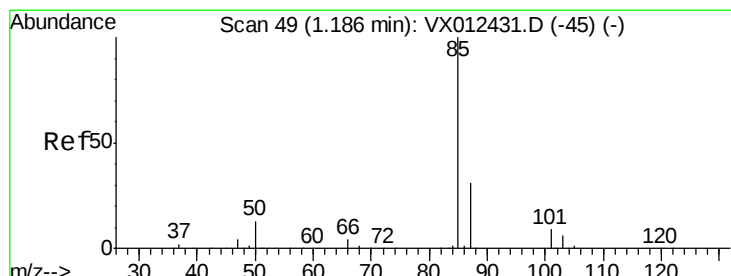
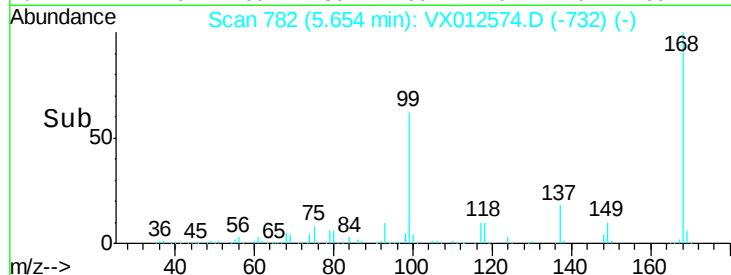
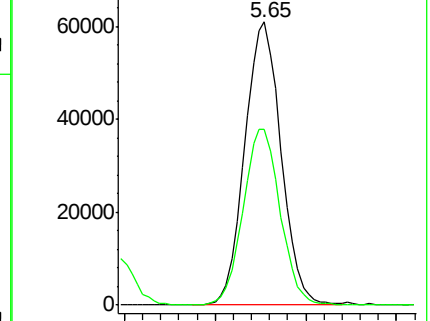
168 100

99 62.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.593 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012574.D

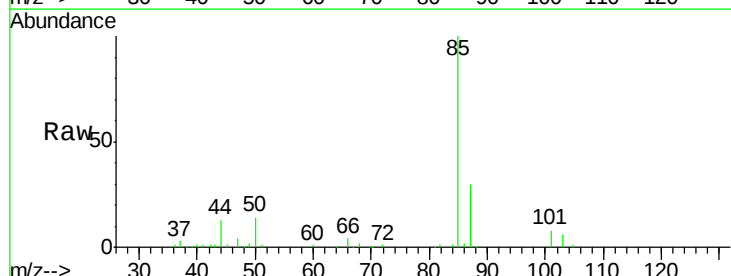
Acq: 20 Sep 2019 22:35

Tgt Ion: 85 Resp: 21897

Ion Ratio Lower Upper

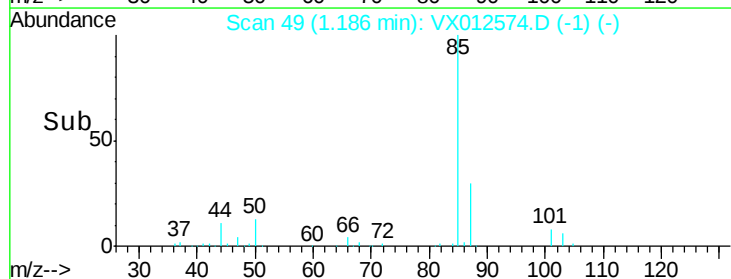
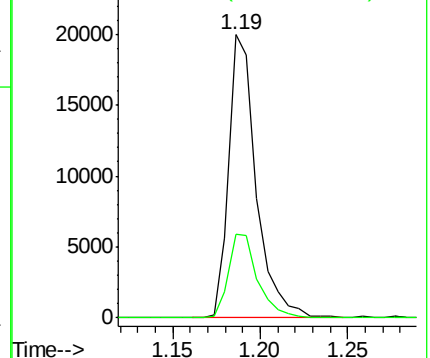
85 100

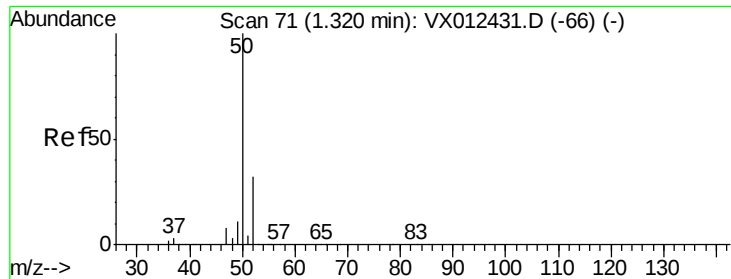
87 29.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.703 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

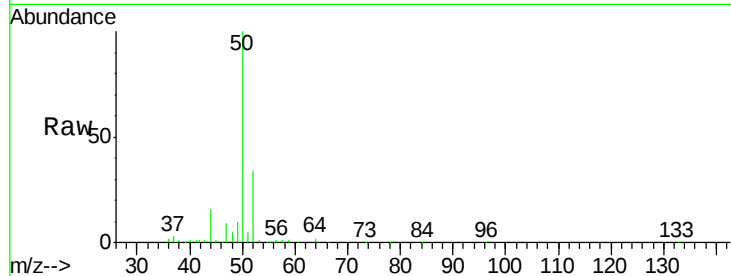
VX0920WBS02

Tot Ion: 50 Resp: 19302

Ion Ratio Lower Upper

50 100

52 33.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

15000

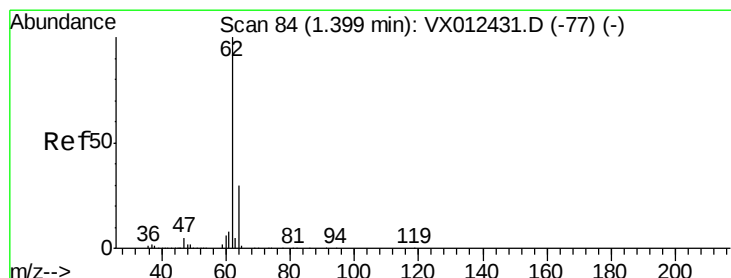
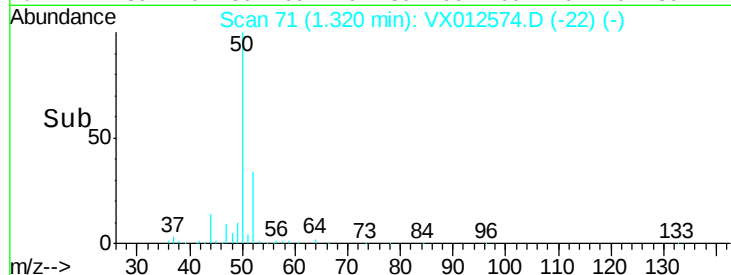
10000

5000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 20.976 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012574.D

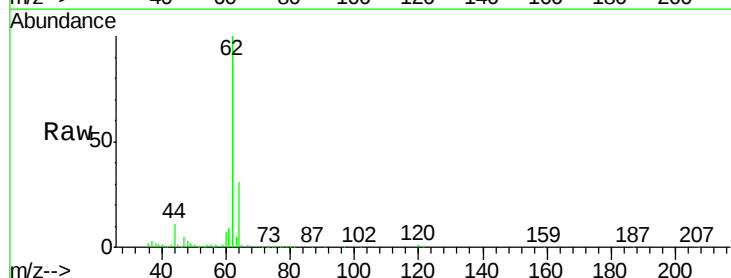
Acq: 20 Sep 2019 22:35

Tgt Ion: 62 Resp: 21137

Ion Ratio Lower Upper

62 100

64 29.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

20000

15000

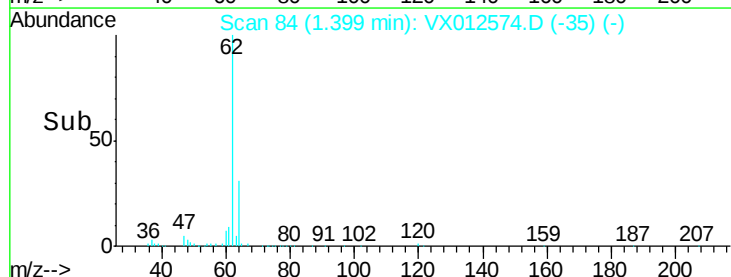
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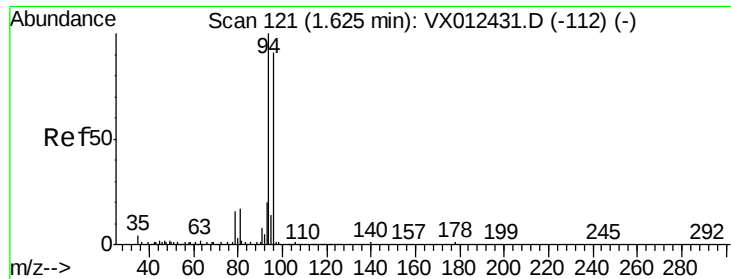
5000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 23.587 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

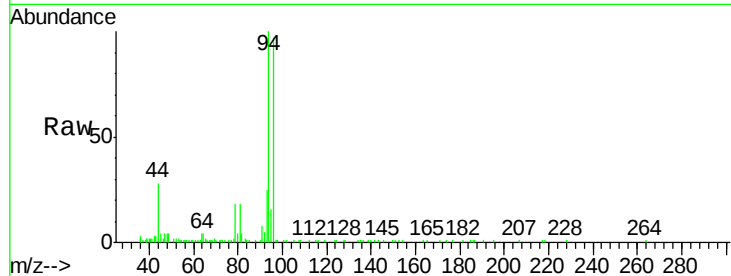
VX0920WBS02

Tot Ion: 94 Resp: 9338

Ion Ratio Lower Upper

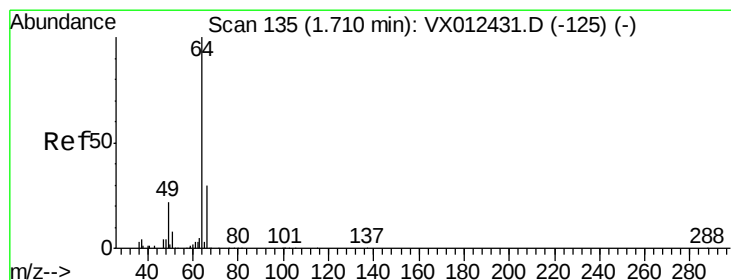
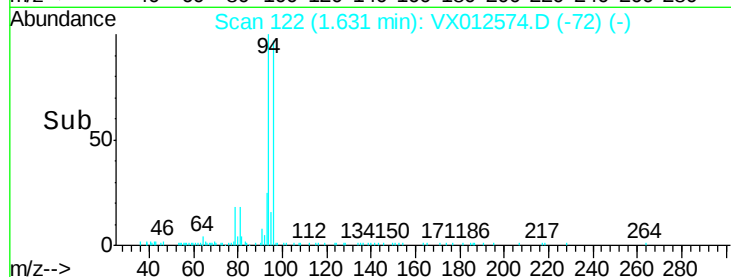
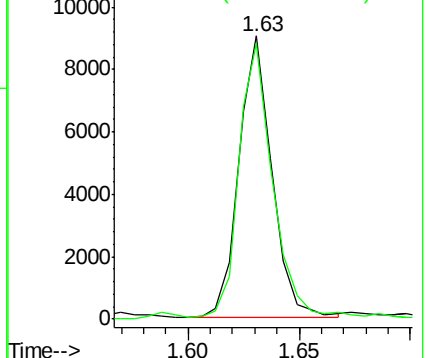
94 100

96 97.3 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.635 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012574.D

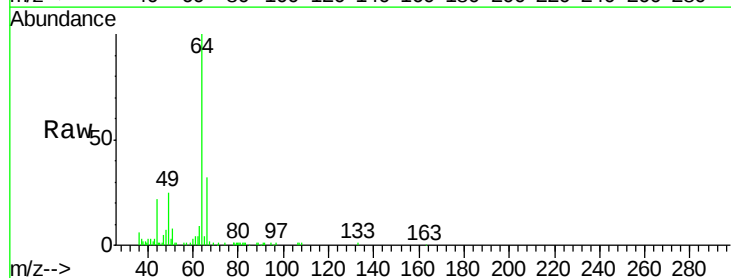
Acq: 20 Sep 2019 22:35

Tgt Ion: 64 Resp: 15483

Ion Ratio Lower Upper

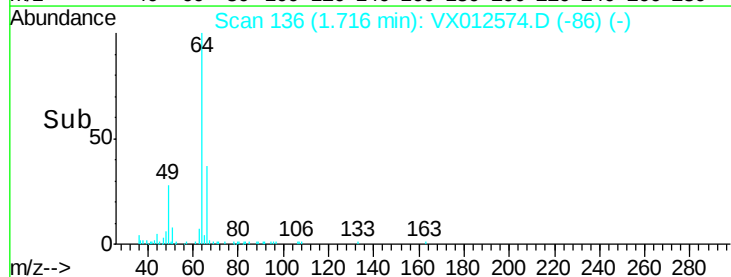
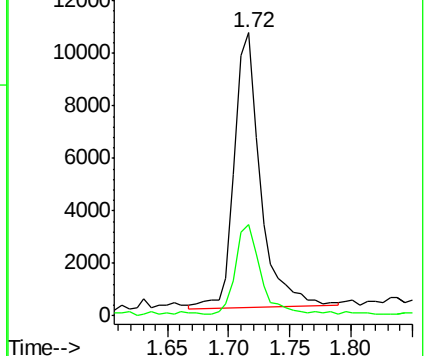
64 100

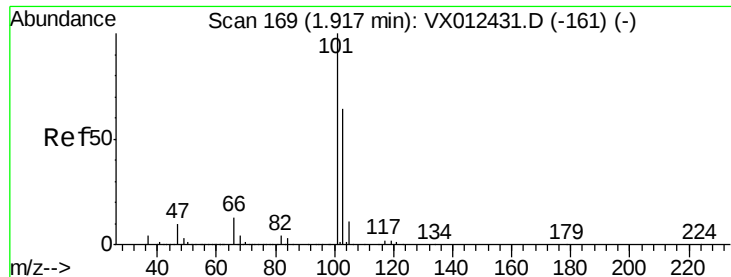
66 32.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



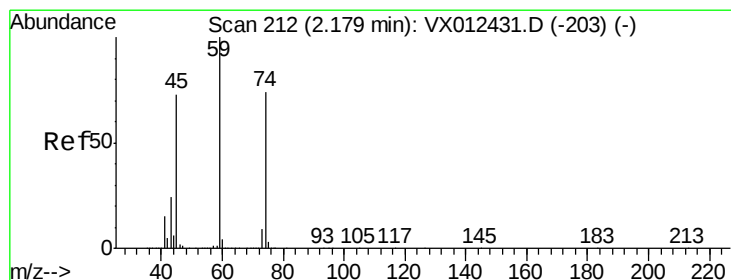
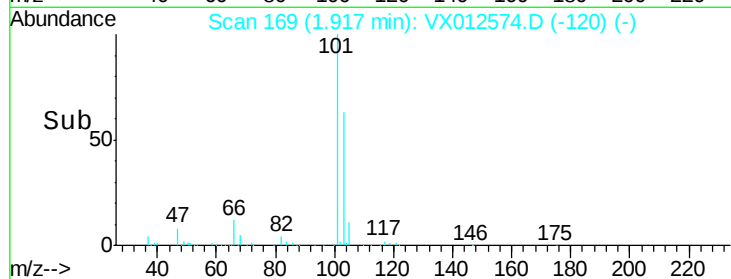
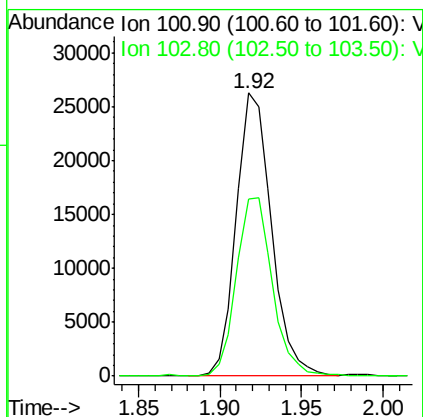
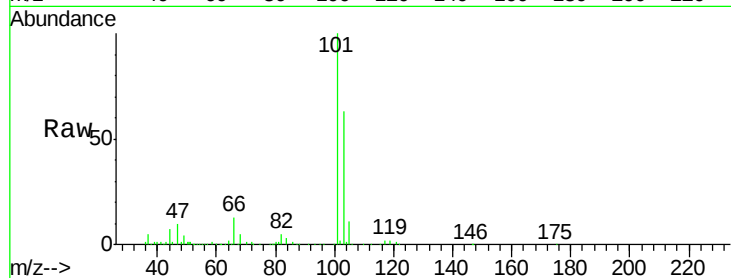


#7

Trichlorofluoromethane
 Concen: 21.478 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Instrument :
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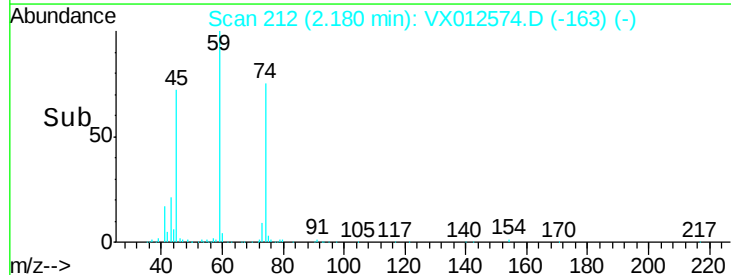
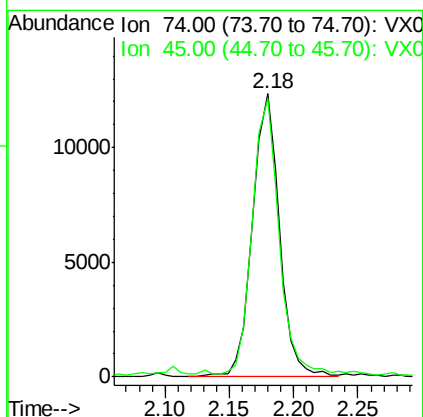
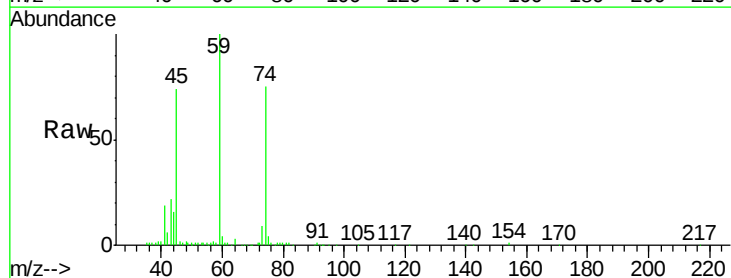
Tot Ion:101 Resp: 39675
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.0 76.4

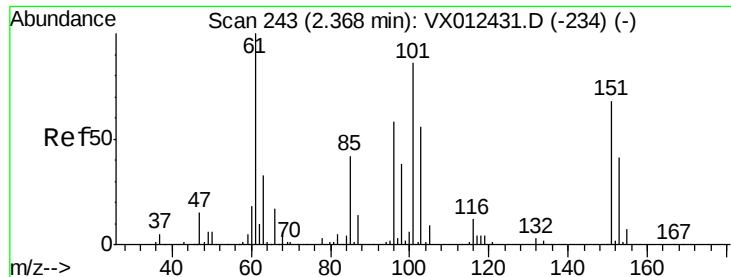


#8

Diethyl Ether
 Concen: 21.359 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Tgt Ion: 74 Resp: 17821
 Ion Ratio Lower Upper
 74 100
 45 96.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.679 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

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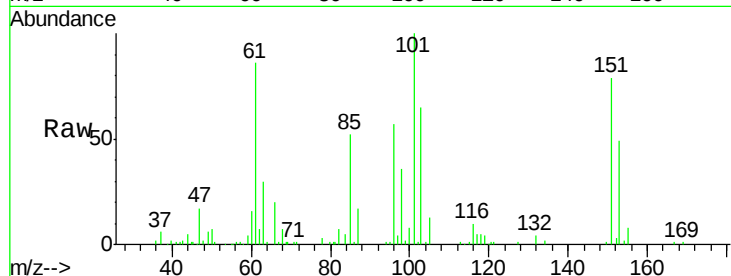
Tot Ion:101 Resp: 27638

Ion Ratio Lower Upper

101 100

85 47.4 37.3 55.9

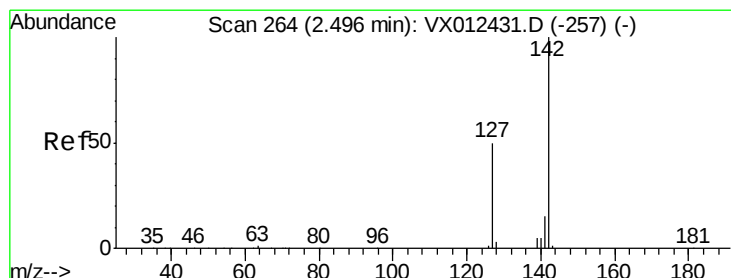
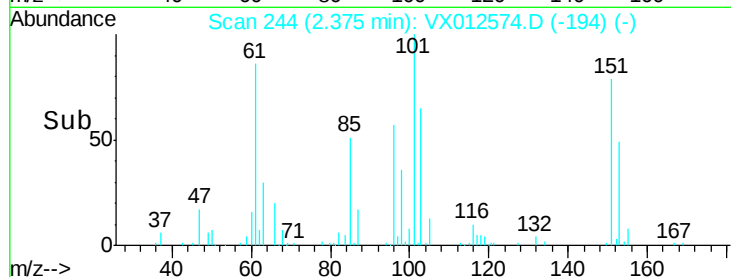
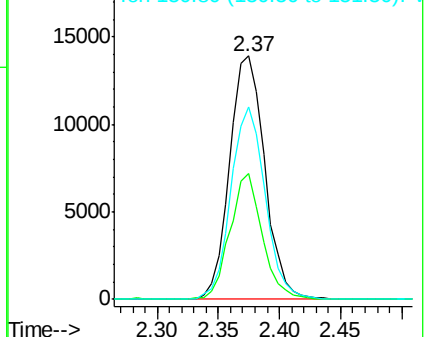
151 77.1 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.804 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

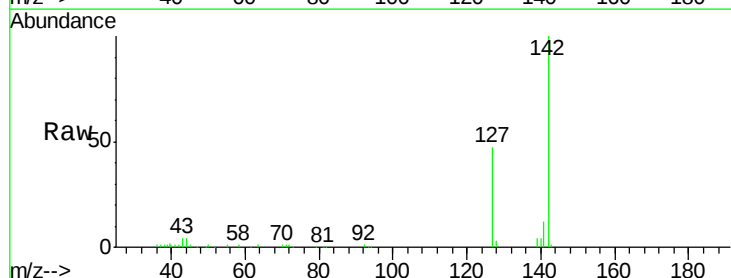
Tgt Ion:142 Resp: 21855

Ion Ratio Lower Upper

142 100

127 49.0 40.8 61.2

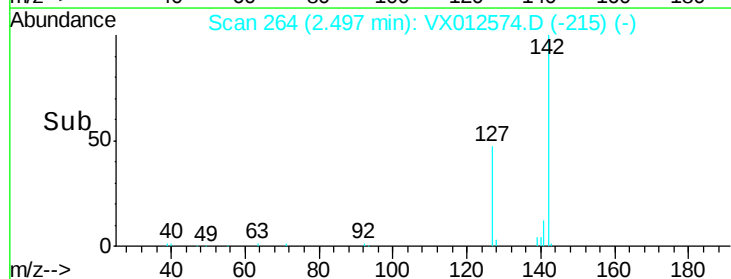
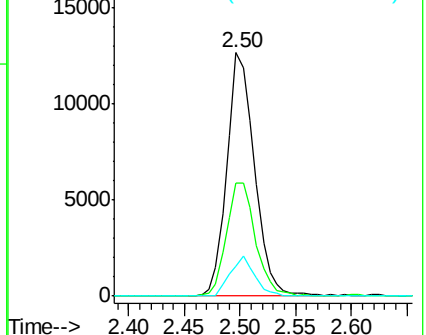
141 14.2 12.1 18.1

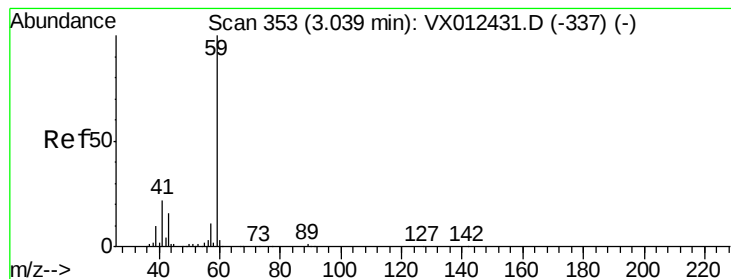


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



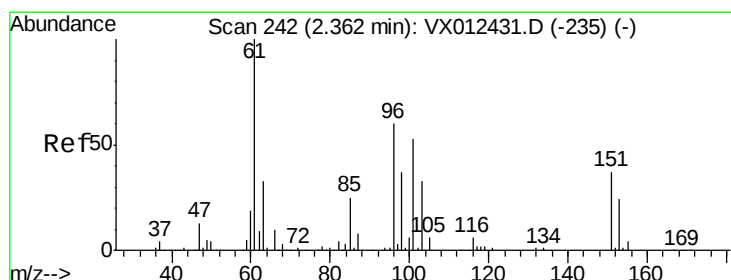
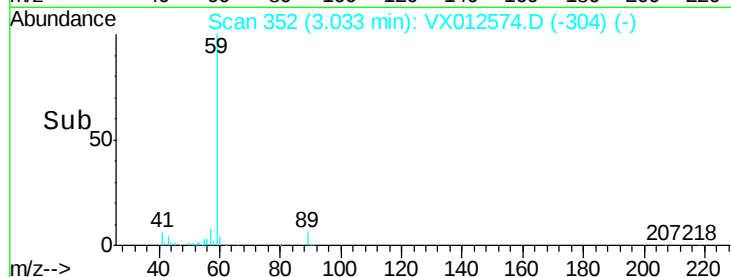
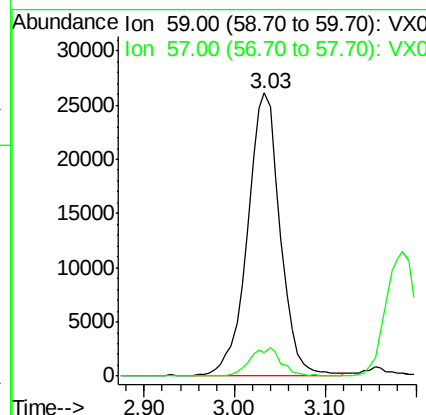
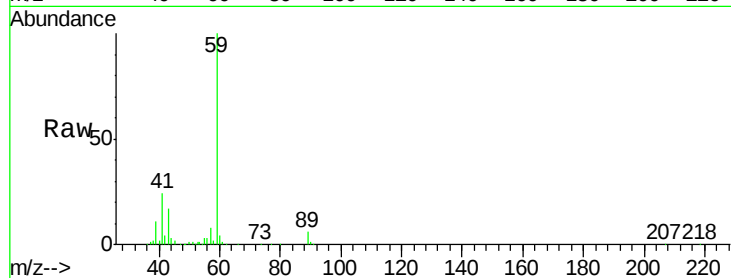


#11

Tert butyl alcohol
 Concen: 102.582 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS02

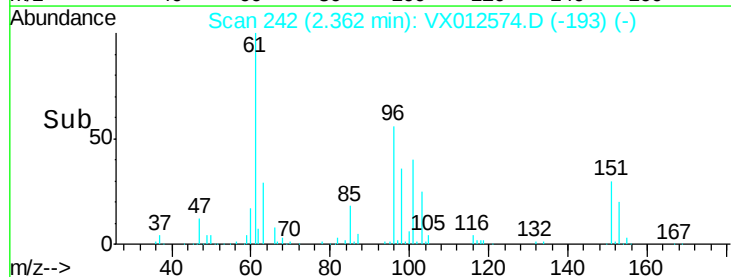
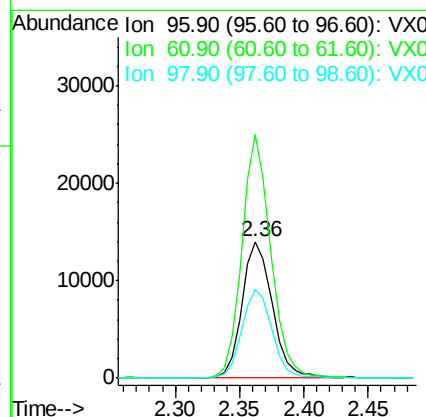
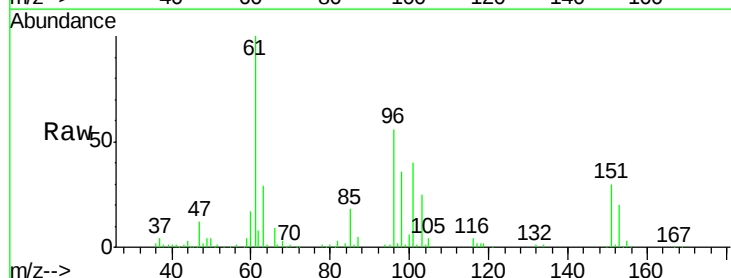
Tot Ion: 59 Resp: 65362
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

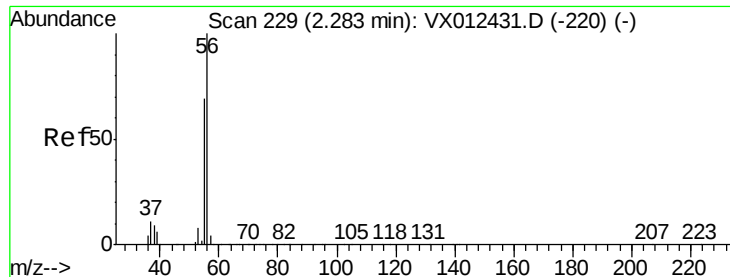


#12

1,1-Dichloroethene
 Concen: 21.382 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Tgt Ion: 96 Resp: 22798
 Ion Ratio Lower Upper
 96 100
 61 178.5 133.8 200.6
 98 64.9 49.9 74.9





#13

Acrolein

Concen: 79.638 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

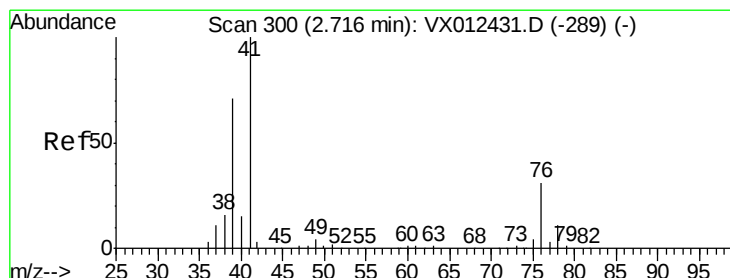
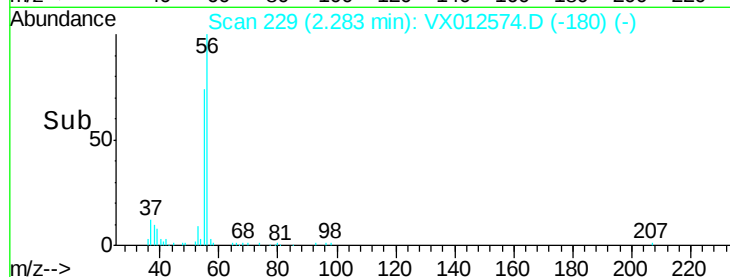
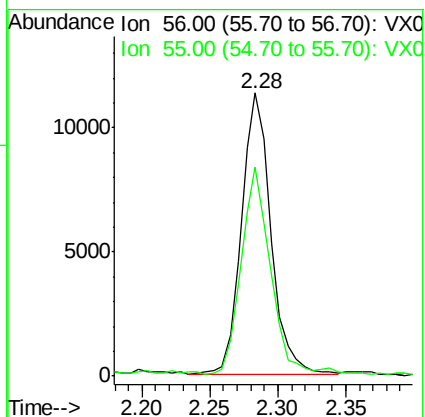
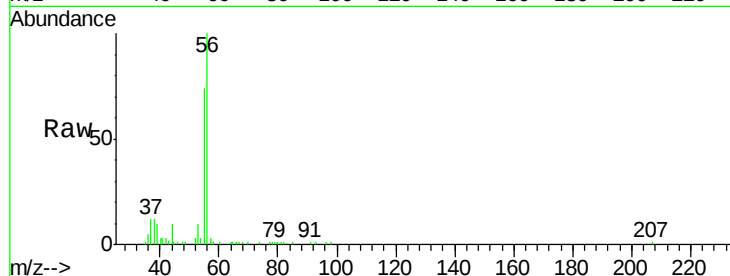
VX0920WBS02

Tot Ion: 56 Resp: 17241

Ion Ratio Lower Upper

56 100

55 70.8 55.8 83.8



#14

Allyl chloride

Concen: 19.760 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

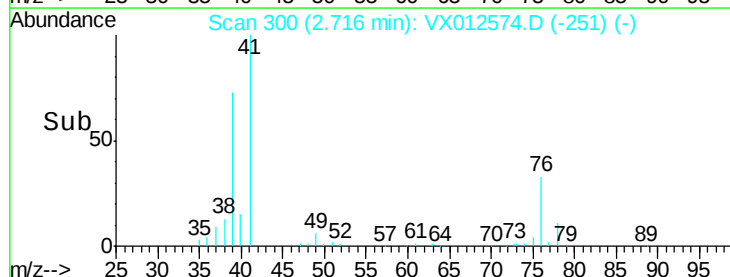
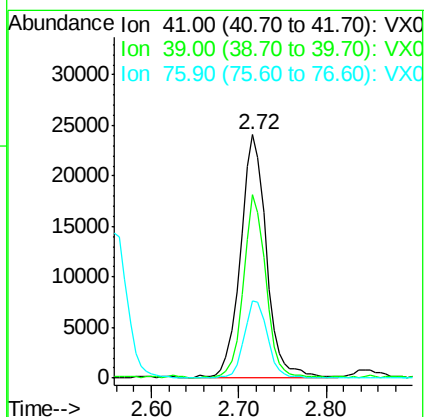
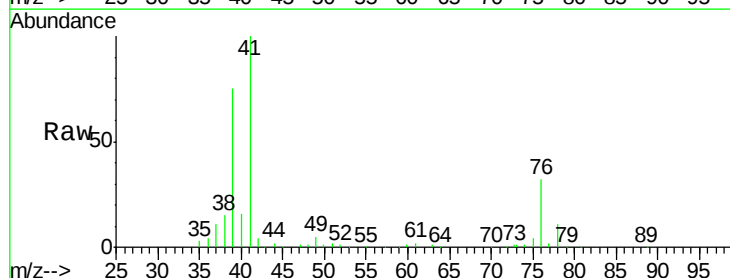
Tgt Ion: 41 Resp: 49050

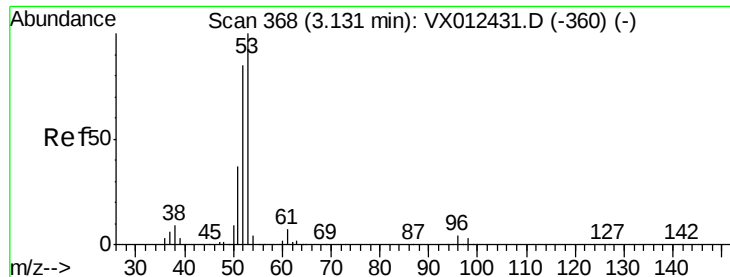
Ion Ratio Lower Upper

41 100

39 64.6 51.3 76.9

76 28.8 22.6 33.8





#15

Acrylonitrile

Concen: 106.627 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

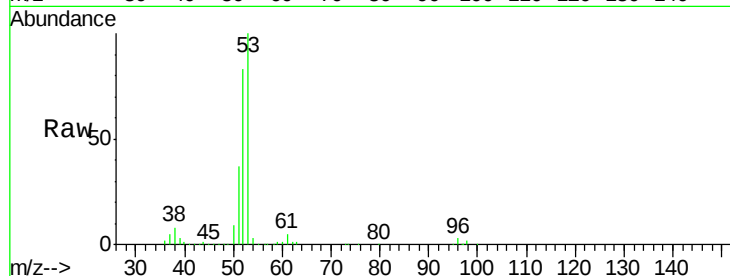
Tot Ion: 53 Resp: 112304

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

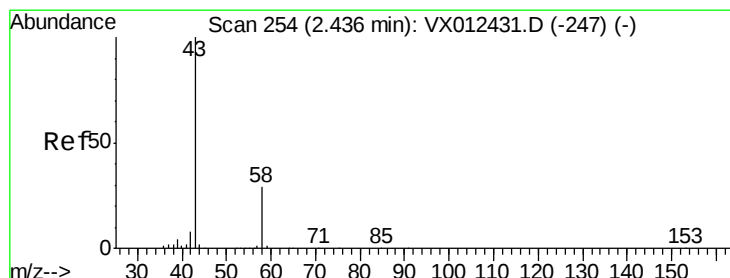
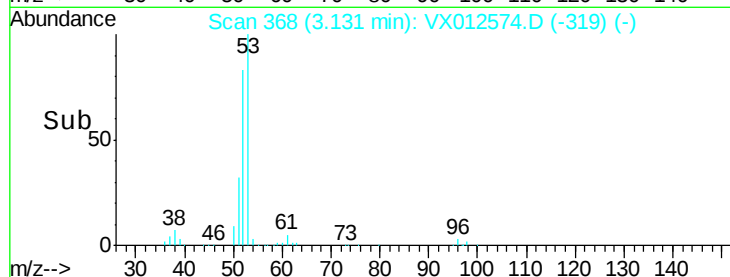
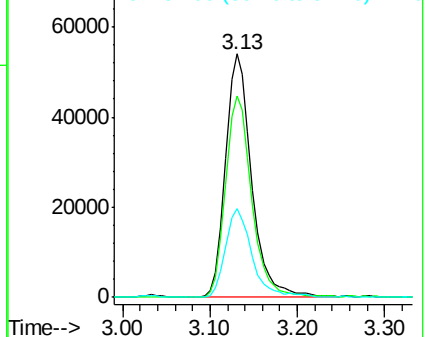
51 37.3 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 89.726 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012574.D

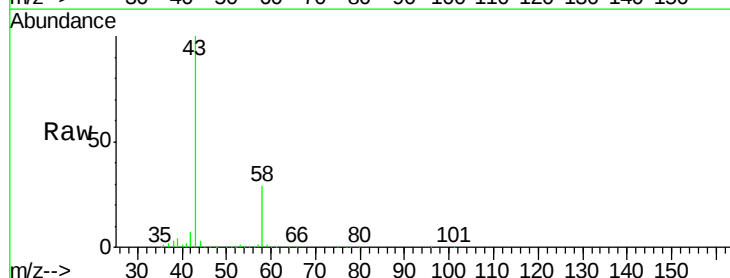
Acq: 20 Sep 2019 22:35

Tgt Ion: 43 Resp: 105314

Ion Ratio Lower Upper

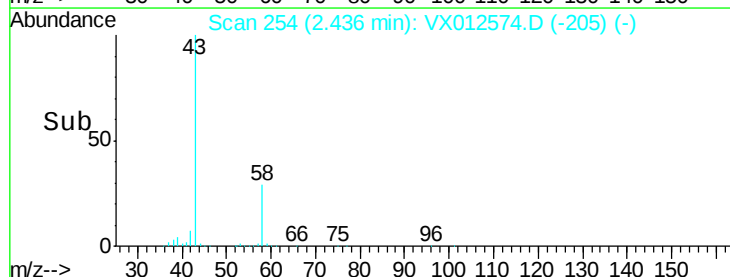
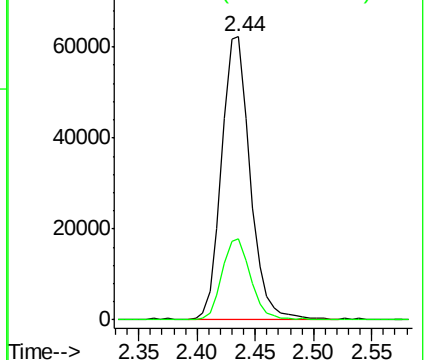
43 100

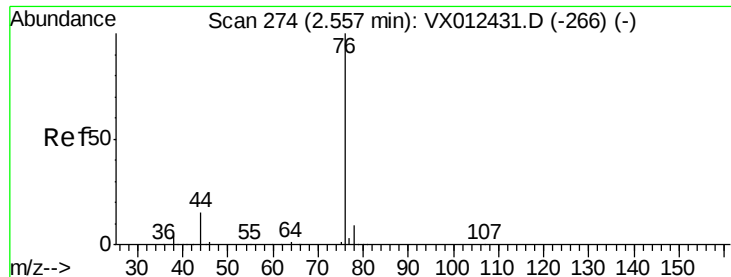
58 28.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

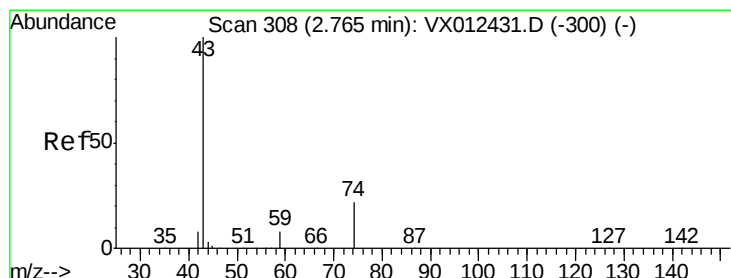
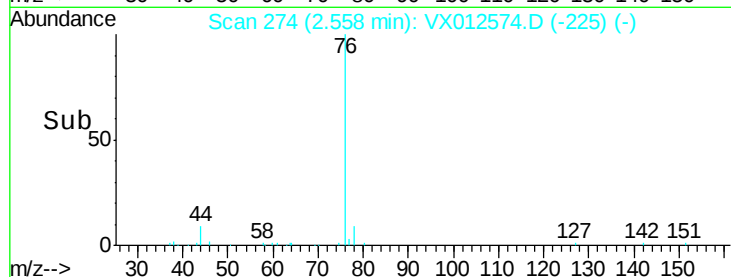
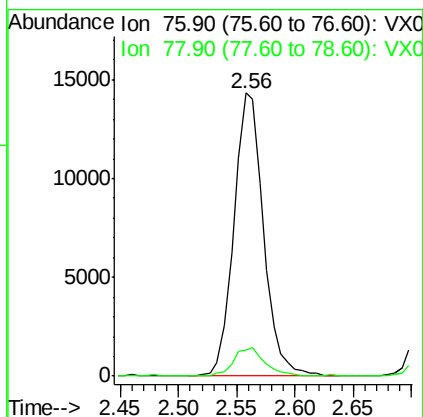
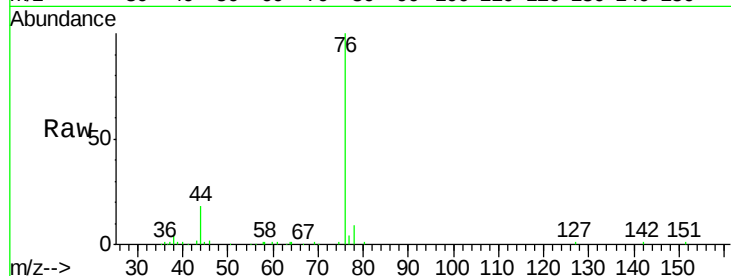




#17
Carbon Disulfide
Concen: 18.015 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

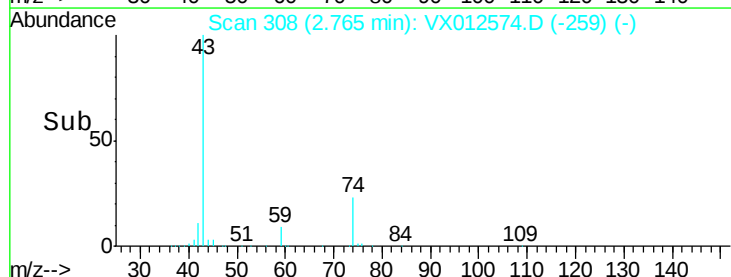
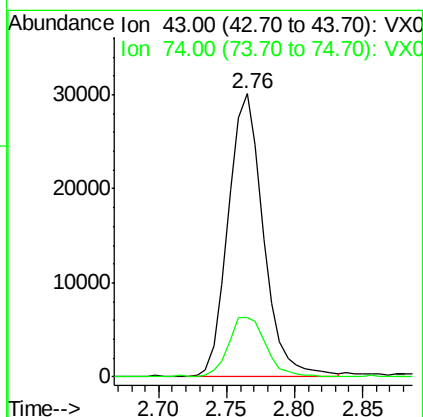
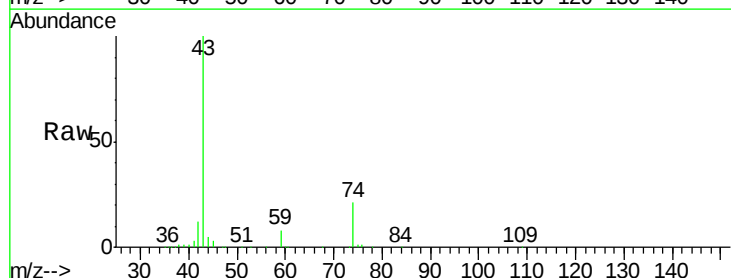
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

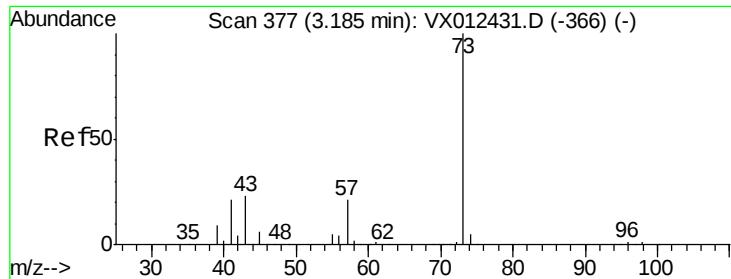
Tot Ion: 76 Resp: 25357
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 21.179 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 43 Resp: 53640
Ion Ratio Lower Upper
43 100
74 23.1 17.7 26.5

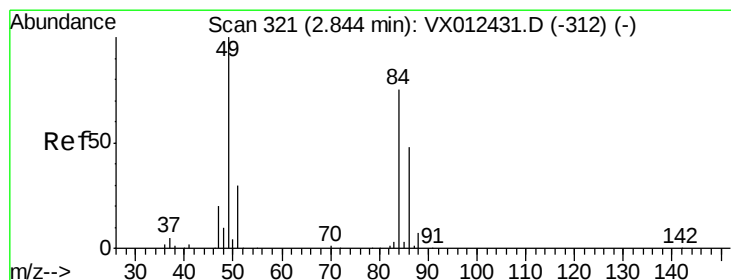
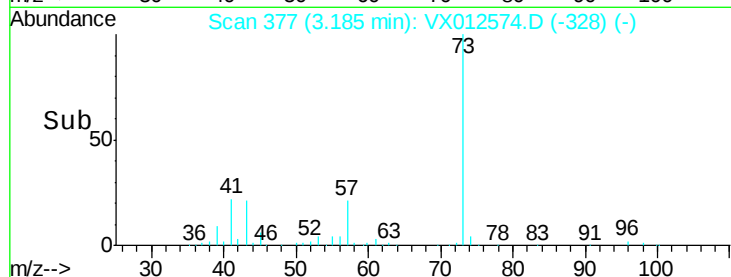
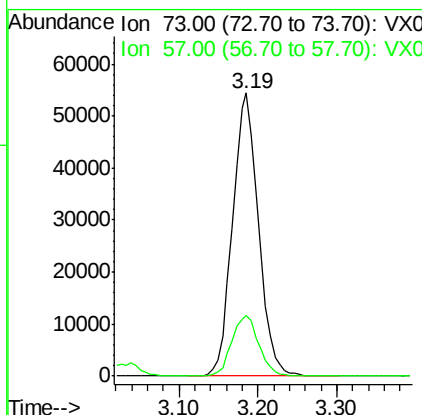
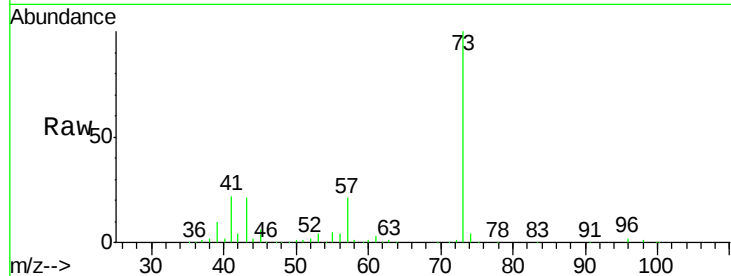




#19
Methyl tert-butyl Ether
Concen: 21.360 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

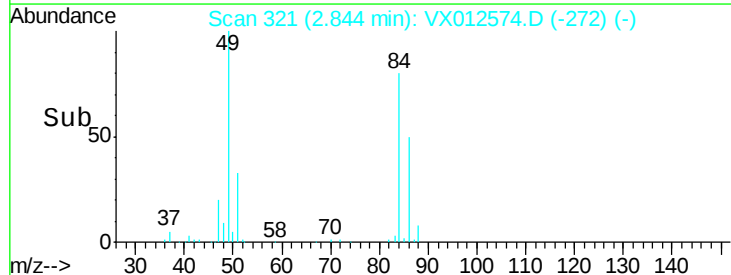
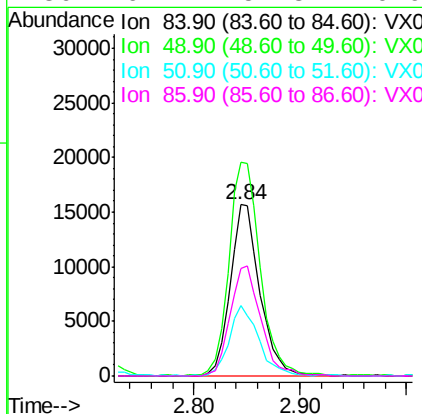
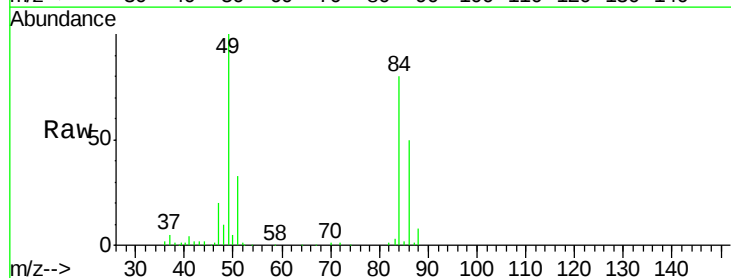
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

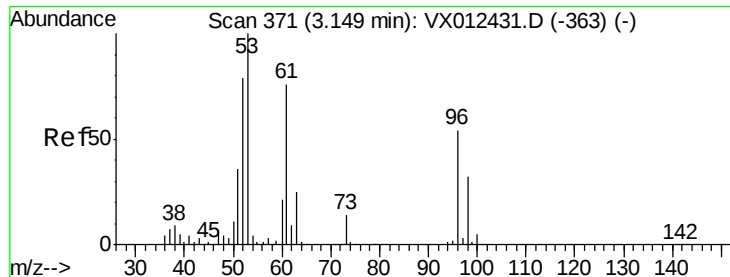
Tot Ion: 73 Resp: 124173
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



#20
Methylene Chloride
Concen: 20.831 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 84 Resp: 30642
Ion Ratio Lower Upper
84 100
49 124.1 106.8 160.2
51 40.7 32.3 48.5
86 62.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 21.471 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

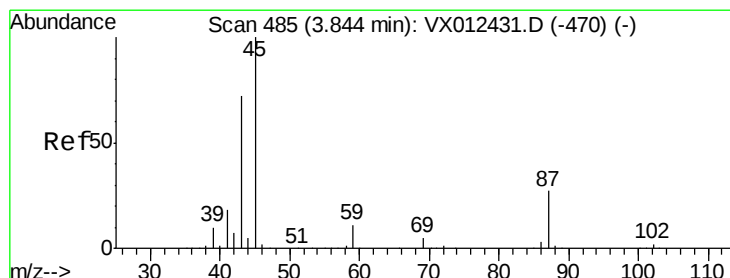
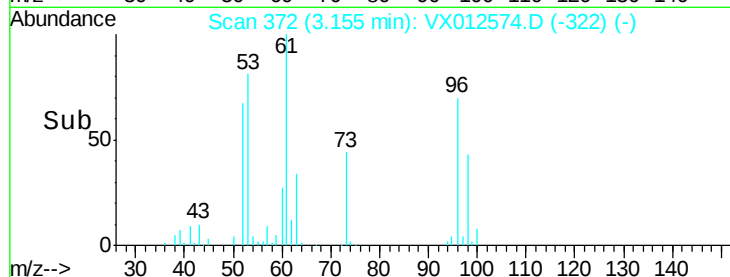
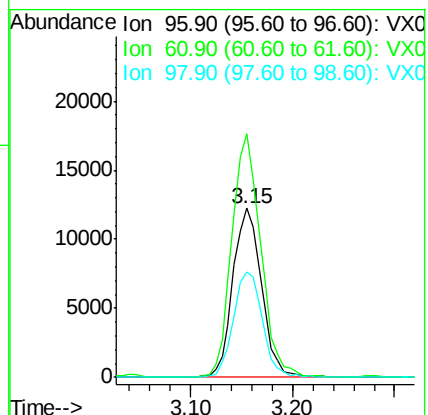
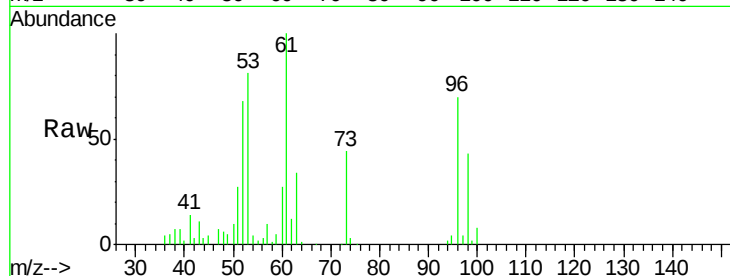
Tot Ion: 96 Resp: 23772

Ion Ratio Lower Upper

96 100

61 143.3 112.0 168.0

98 62.0 47.8 71.8



#22

Diisopropyl ether

Concen: 21.141 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Tgt Ion: 45 Resp: 122870

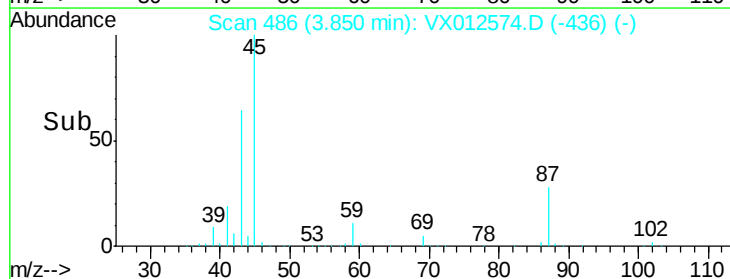
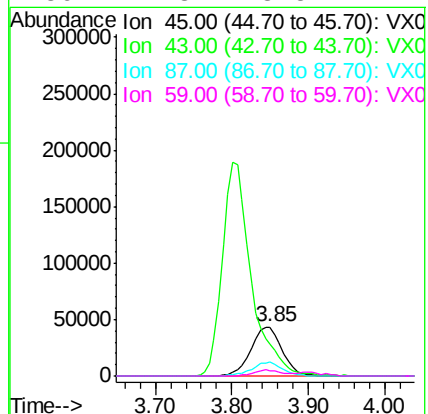
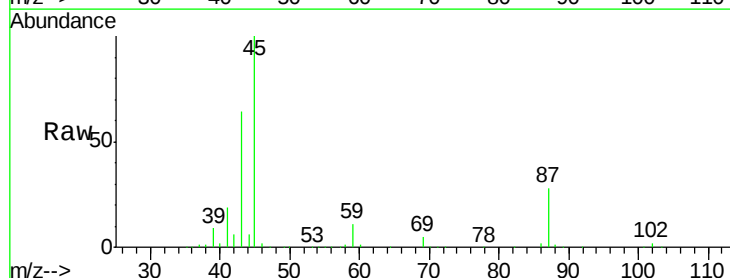
Ion Ratio Lower Upper

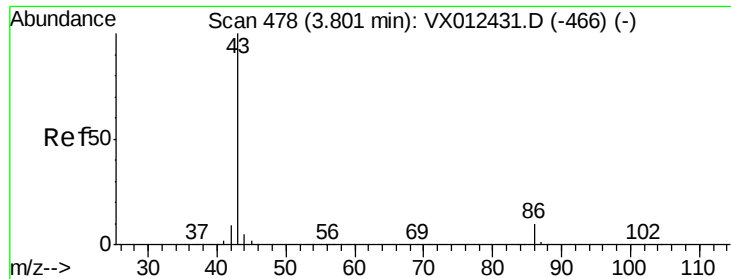
45 100

43 64.1 57.8 86.8

87 28.0 21.3 31.9

59 11.3 8.5 12.7





#23

Vinyl Acetate

Concen: 104.817 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

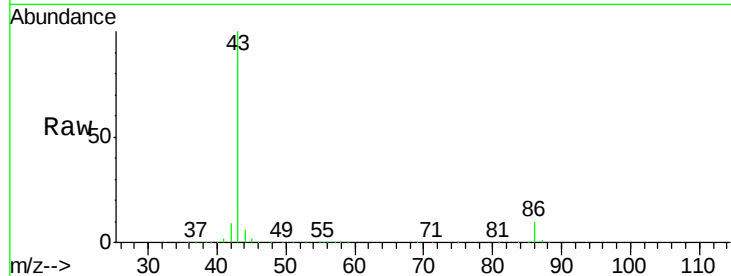
VX0920WBS02

Tot Ion: 43 Resp: 501135

Ion Ratio Lower Upper

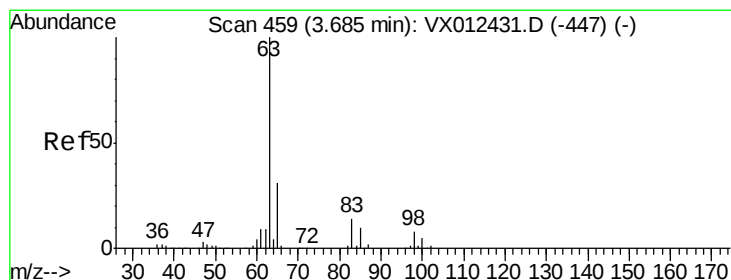
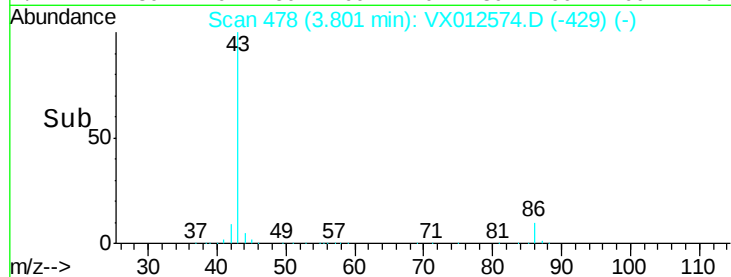
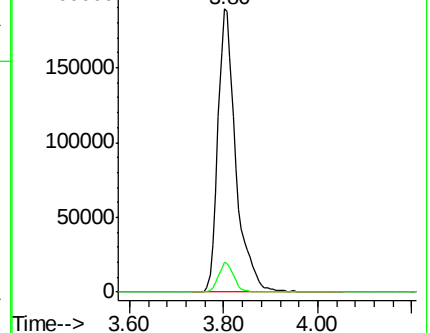
43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.461 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

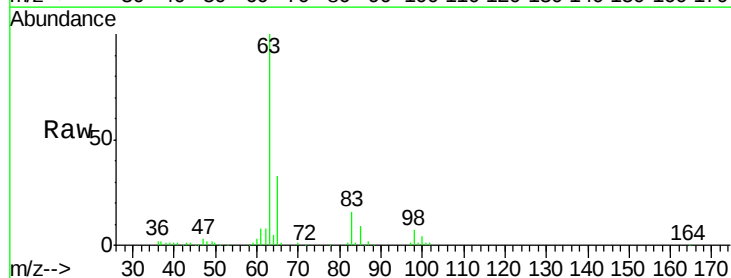
Tgt Ion: 63 Resp: 59680

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

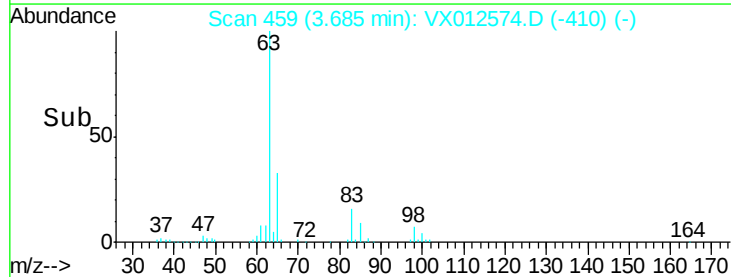
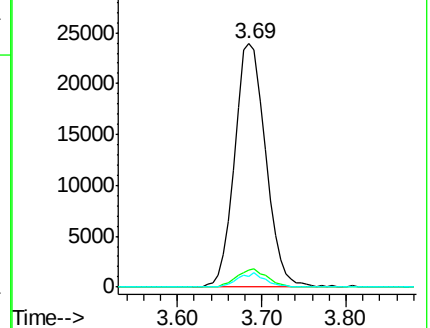
100 4.2 2.3 6.9

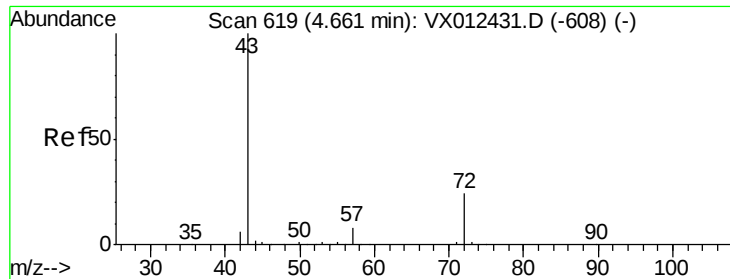


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.769 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

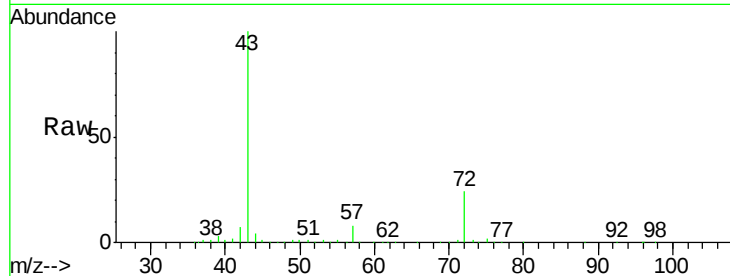
VX0920WBS02

Tot Ion: 43 Resp: 164835

Ion Ratio Lower Upper

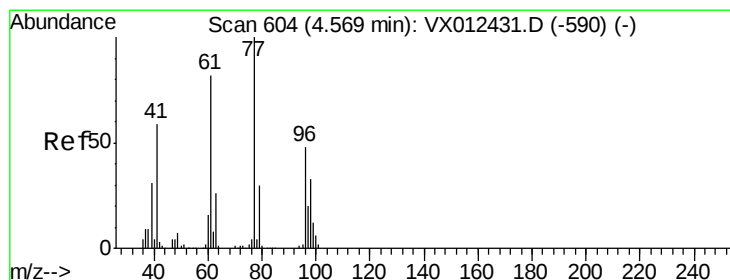
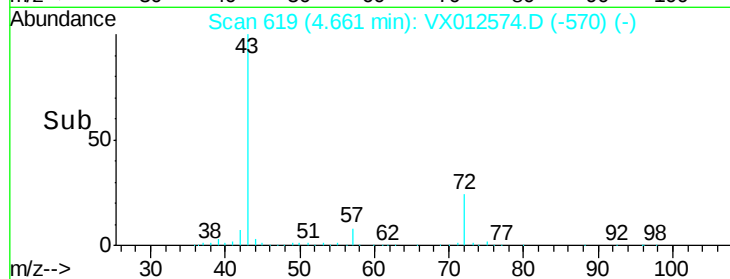
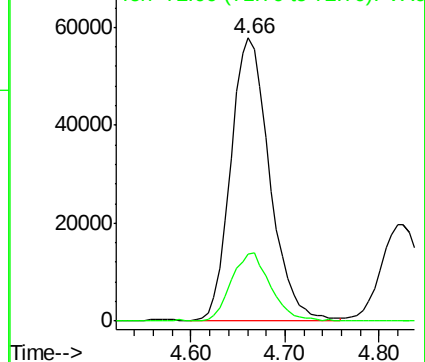
43 100

72 23.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.943 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012574.D

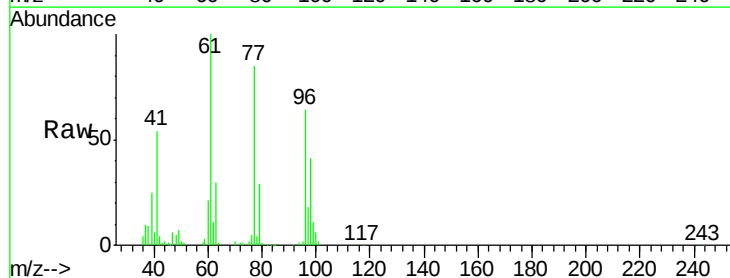
Acq: 20 Sep 2019 22:35

Tgt Ion: 77 Resp: 46338

Ion Ratio Lower Upper

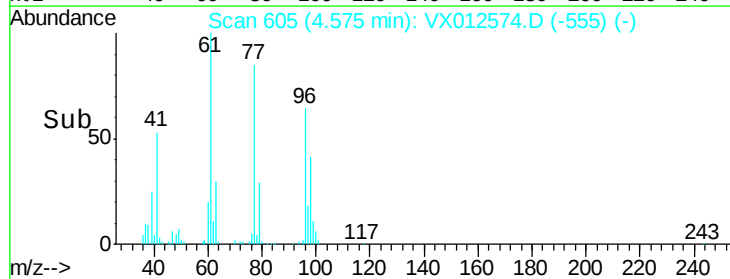
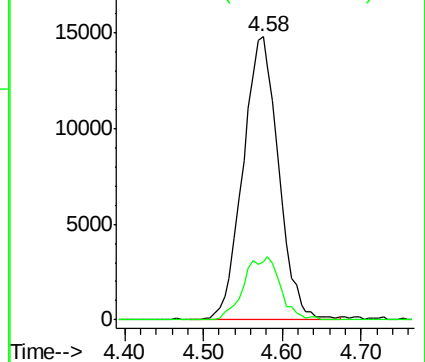
77 100

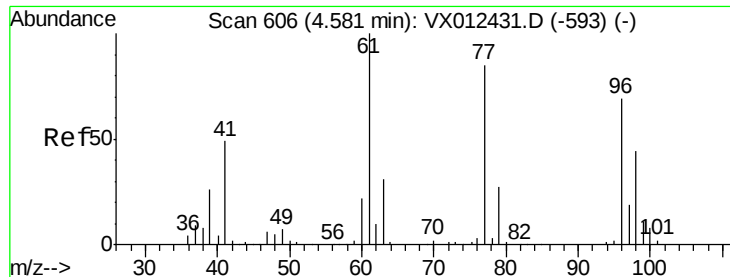
97 22.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



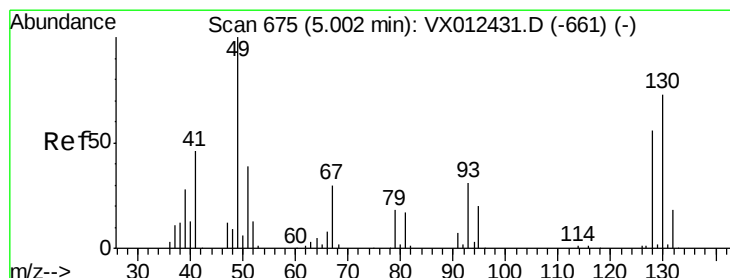
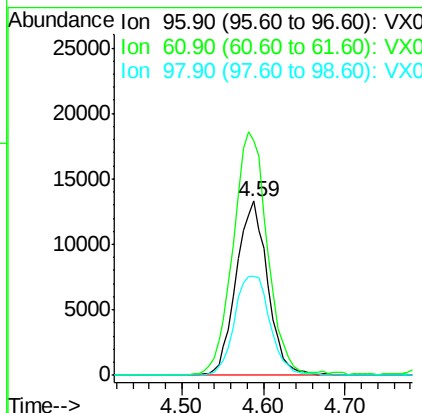
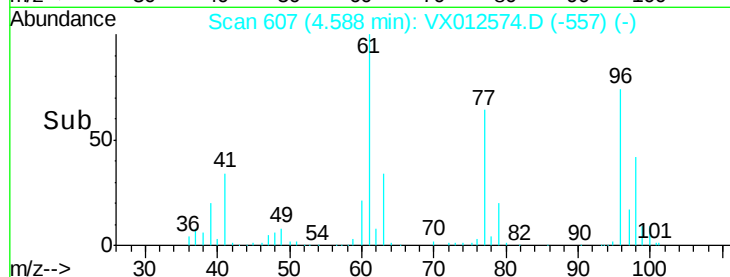
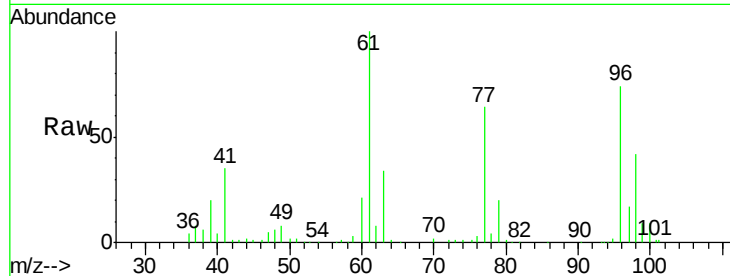


#27

cis-1,2-Dichloroethene
Concen: 21.620 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

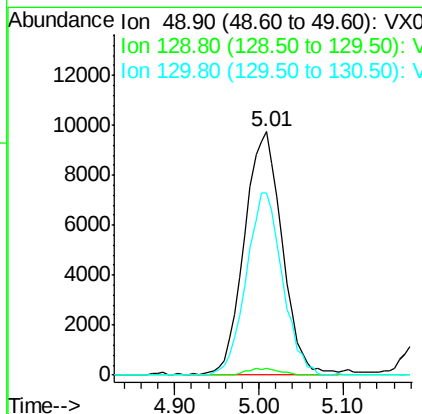
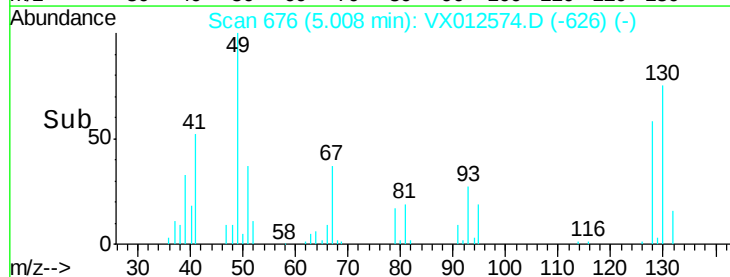
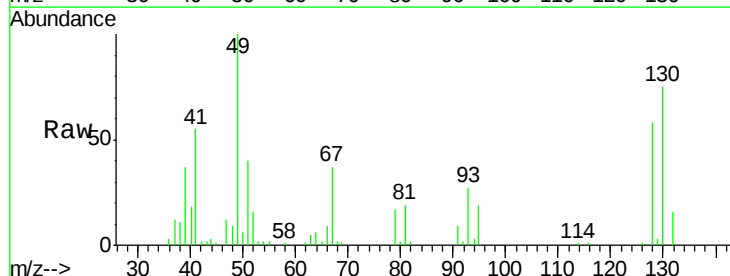
Tot Ion: 96 Resp: 35758
Ion Ratio Lower Upper
96 100
61 151.3 0.0 319.4
98 64.2 0.0 130.6

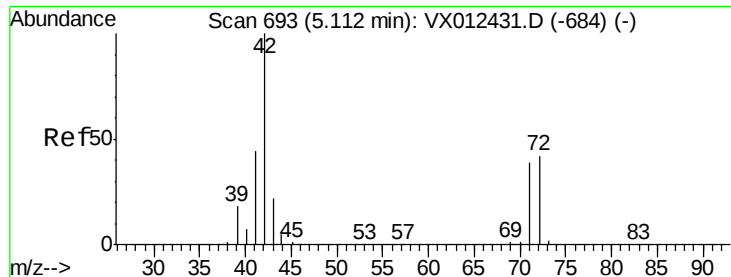


#28

Bromochloromethane
Concen: 20.690 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 49 Resp: 29662
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 71.6 58.2 87.4





#29

Tetrahydrofuran

Concen: 107.361 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

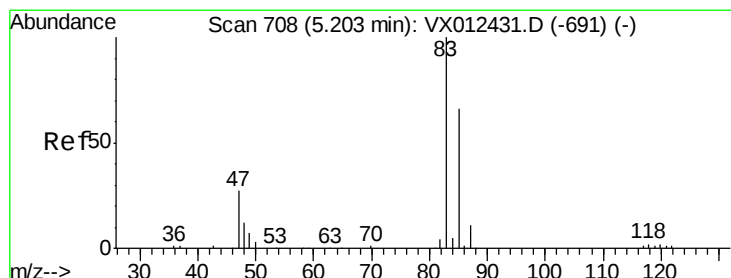
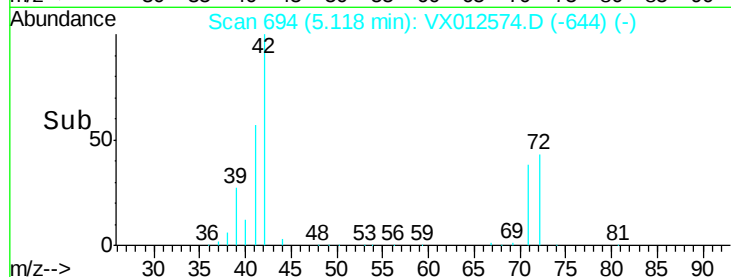
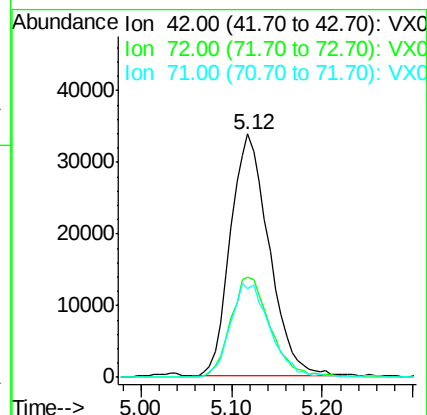
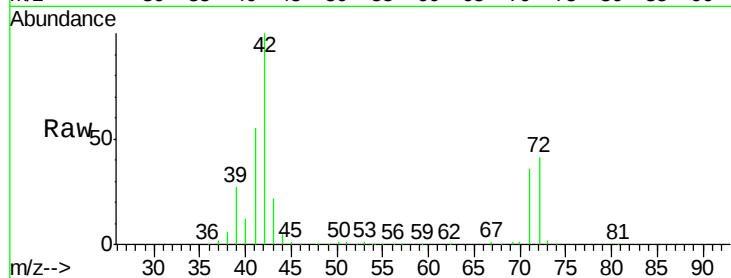
Tot Ion: 42 Resp: 99995

Ion Ratio Lower Upper

42 100

72 42.9 34.0 51.0

71 39.4 31.5 47.3



#30

Chloroform

Concen: 20.761 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012574.D

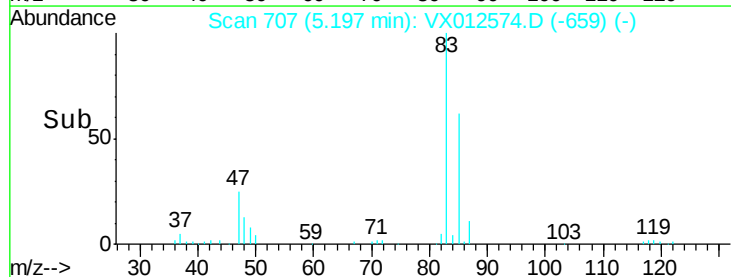
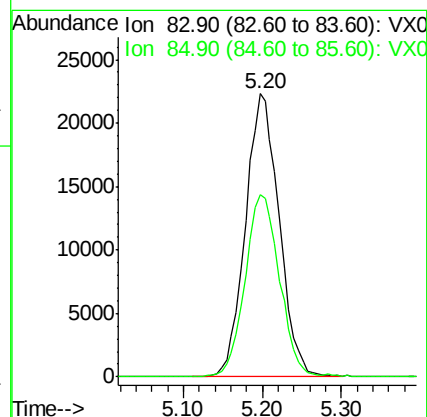
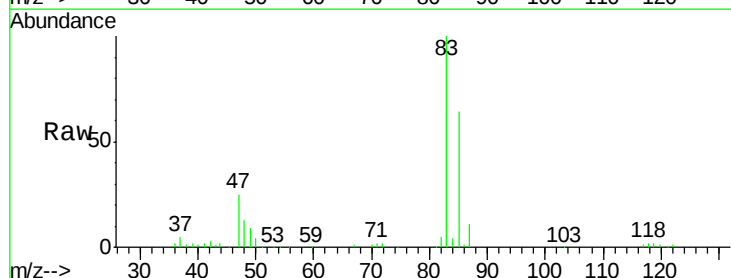
Acq: 20 Sep 2019 22:35

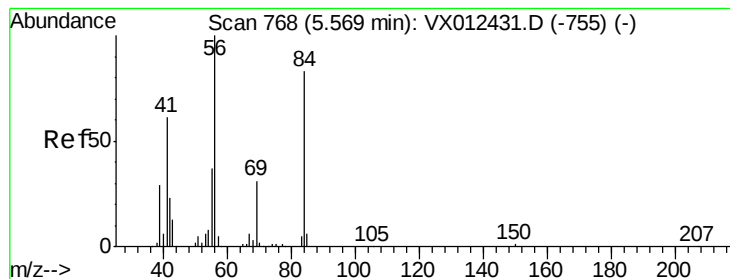
Tgt Ion: 83 Resp: 66303

Ion Ratio Lower Upper

83 100

85 64.2 53.0 79.4





#31

Cyclohexane

Concen: 20.617 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

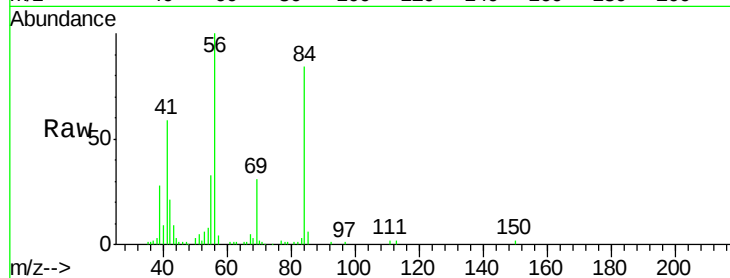
Tot Ion: 56 Resp: 34610

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

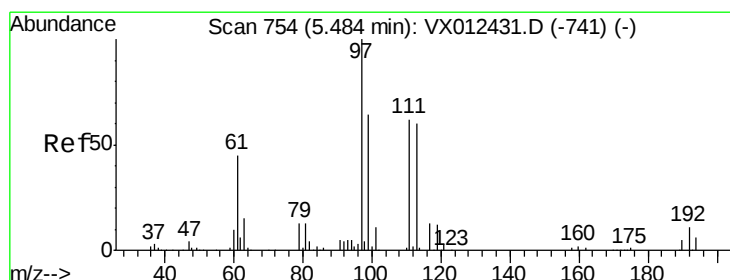
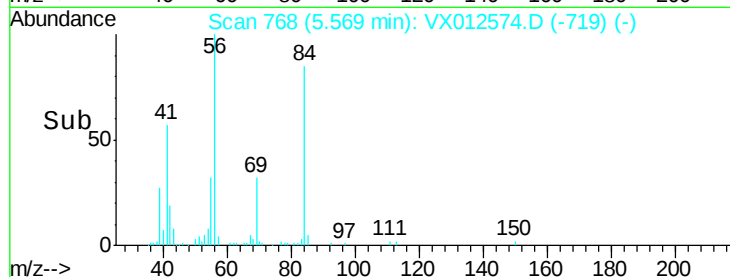
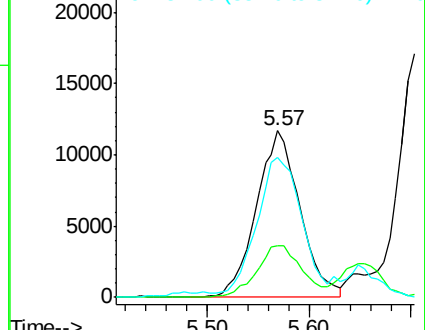
84 82.2 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.690 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

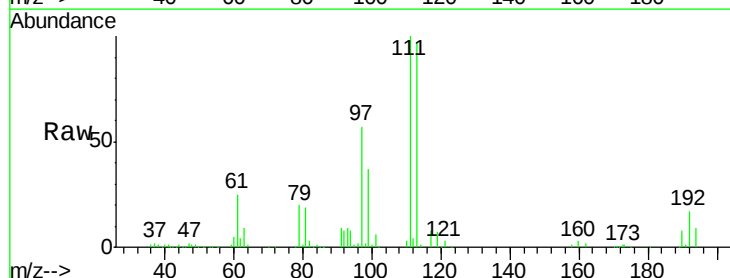
Tgt Ion: 97 Resp: 55228

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

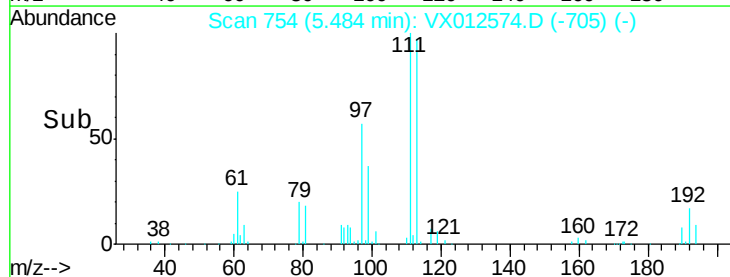
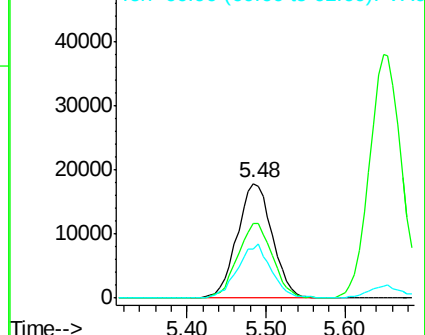
61 45.2 36.1 54.1

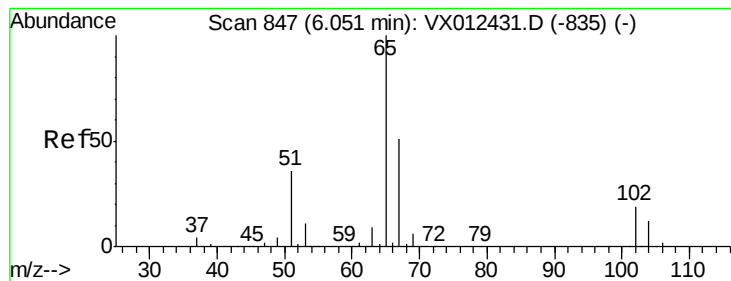


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.683 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

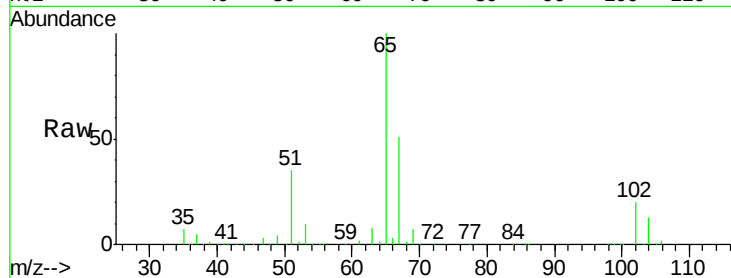
VX0920WBS02

Tot Ion: 65 Resp: 120755

Ion Ratio Lower Upper

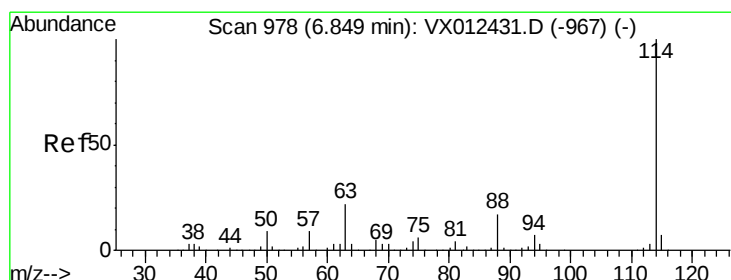
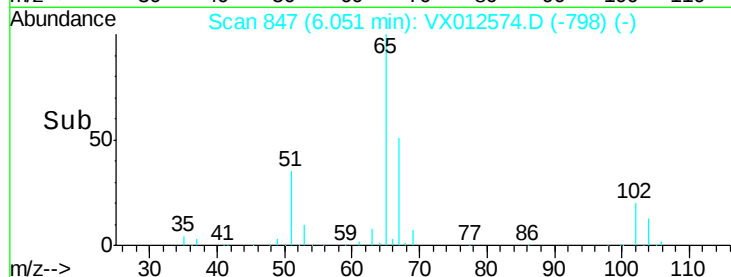
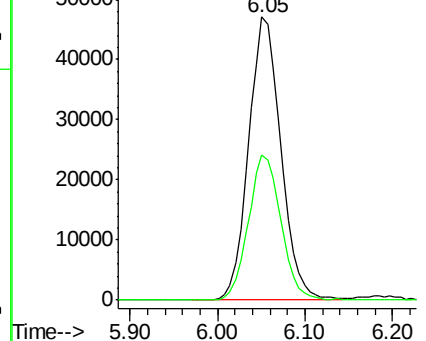
65 100

67 51.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

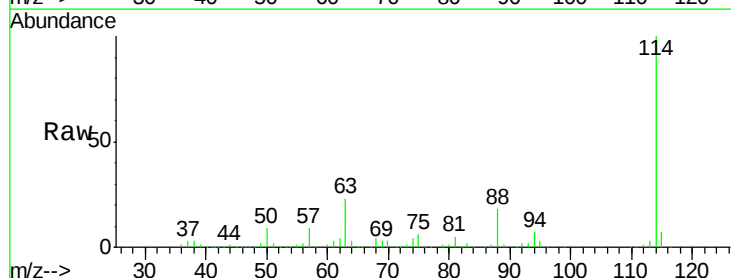
Tgt Ion: 114 Resp: 286412

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.2

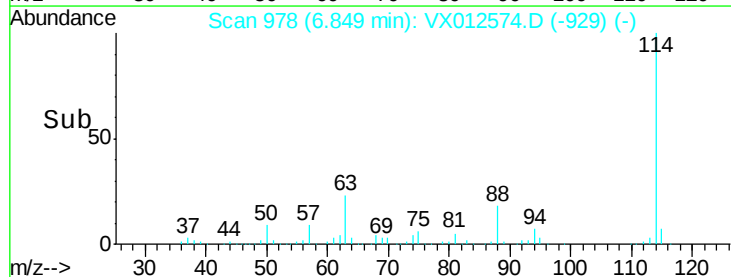
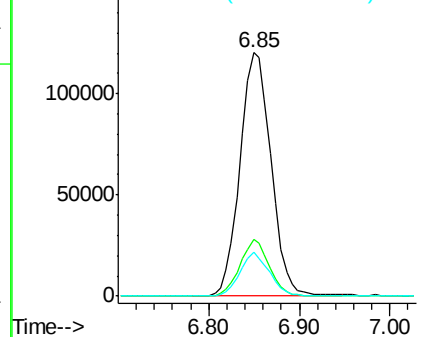
88 17.9 0.0 33.2

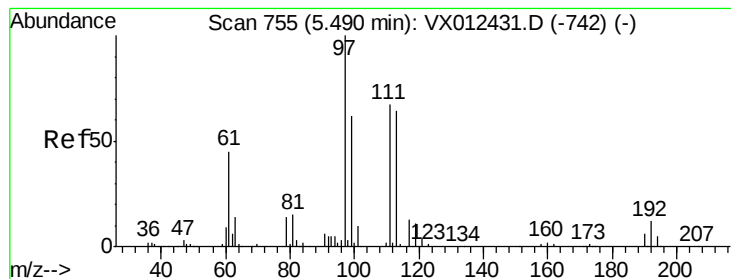


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.092 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

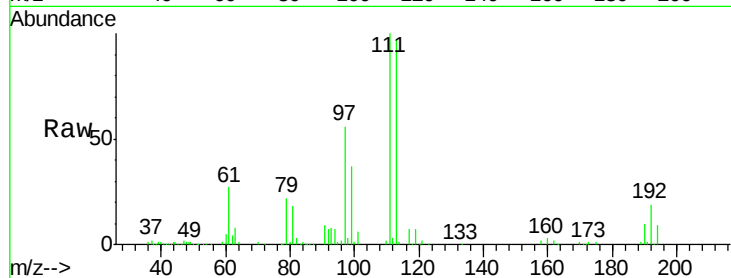
Tot Ion:113 Resp: 88569

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

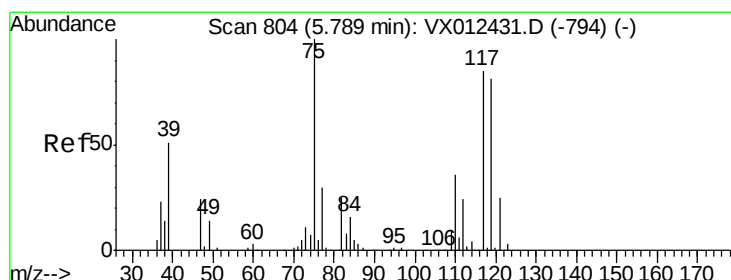
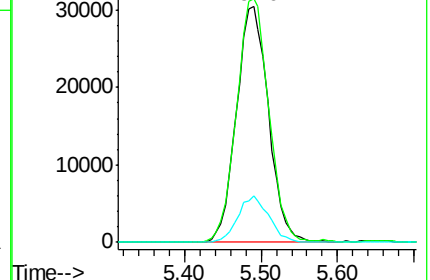
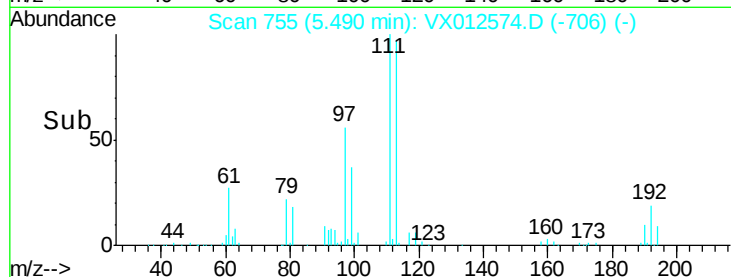
192 18.9 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.315 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

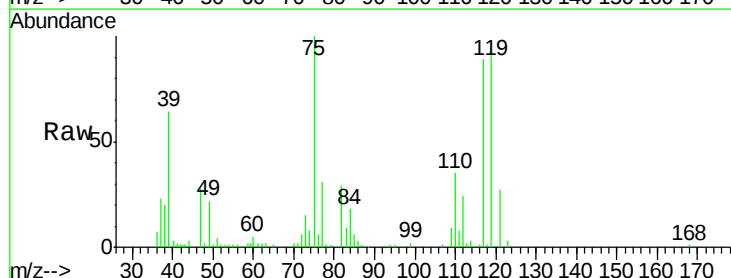
Tgt Ion: 75 Resp: 35361

Ion Ratio Lower Upper

75 100

110 34.8 16.7 50.0

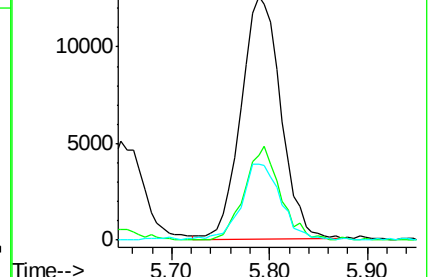
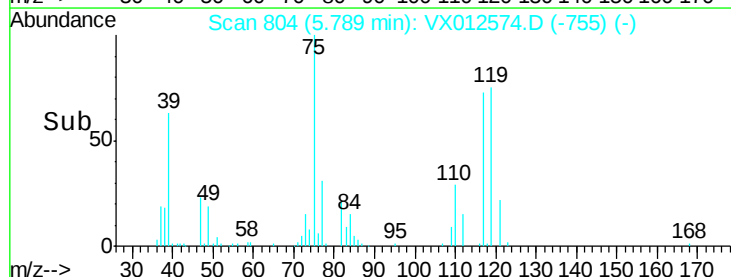
77 30.5 24.2 36.2

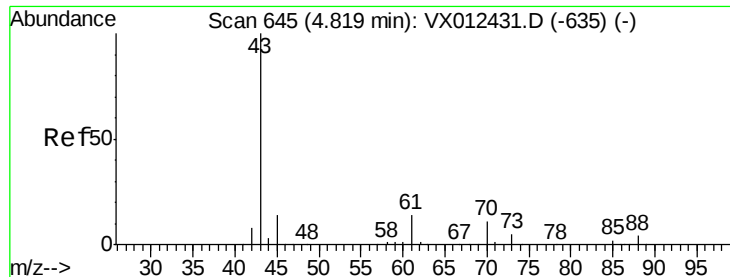


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

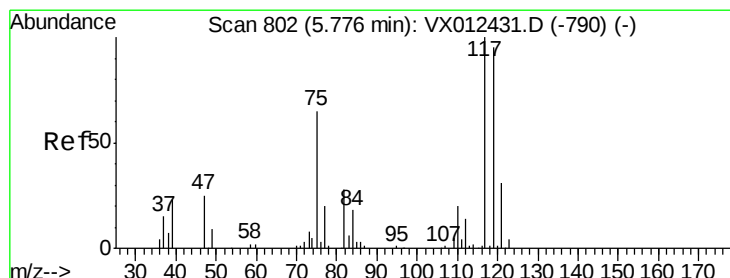
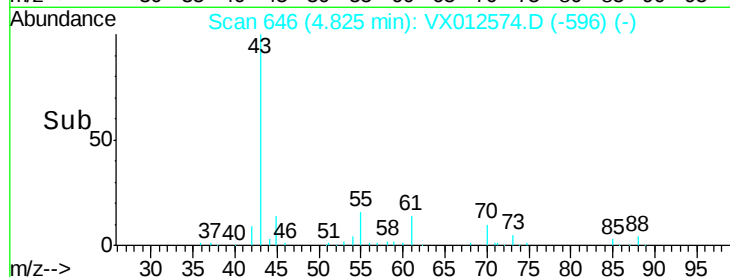
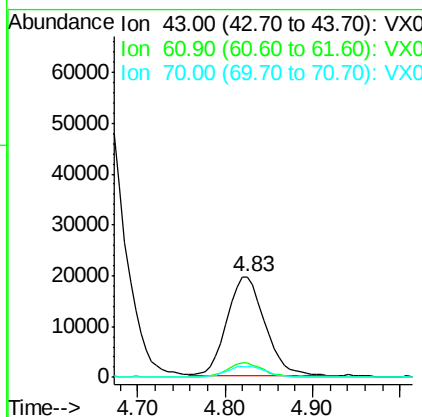
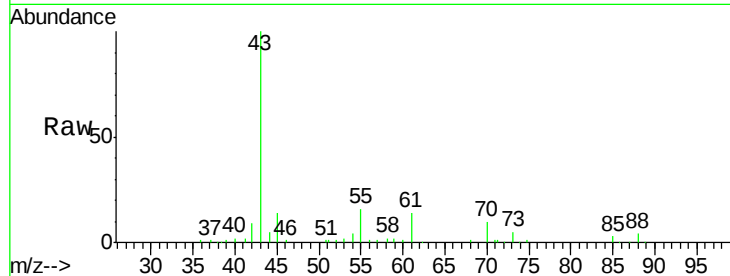




#37
Ethyl Acetate
Concen: 22.135 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

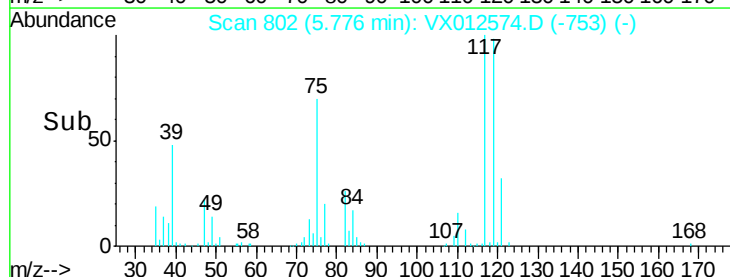
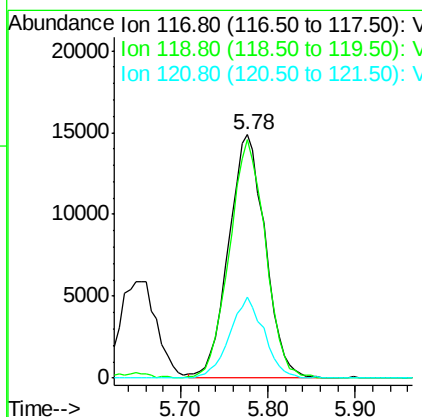
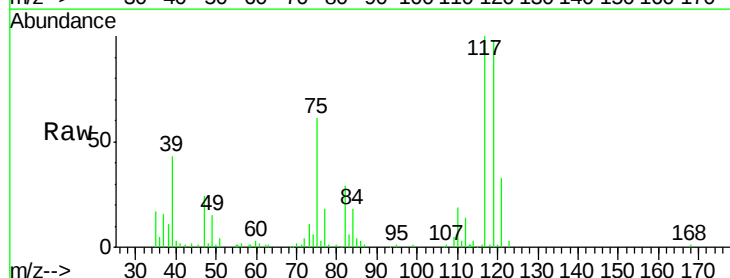
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

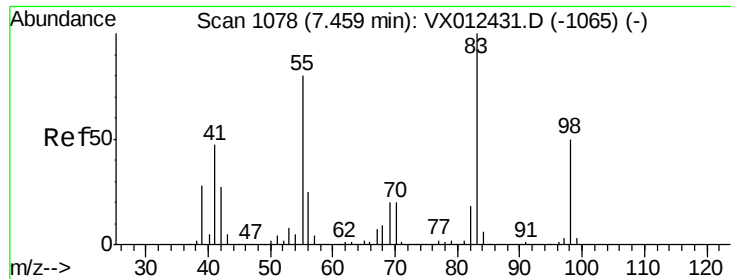
Tot Ion: 43 Resp: 59144
Ion Ratio Lower Upper
43 100
61 14.8 10.2 15.4
70 11.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.020 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 117 Resp: 43341
Ion Ratio Lower Upper
117 100
119 98.1 75.7 113.5
121 33.2 24.2 36.4

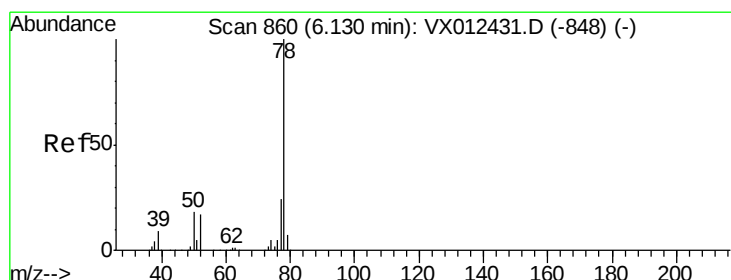
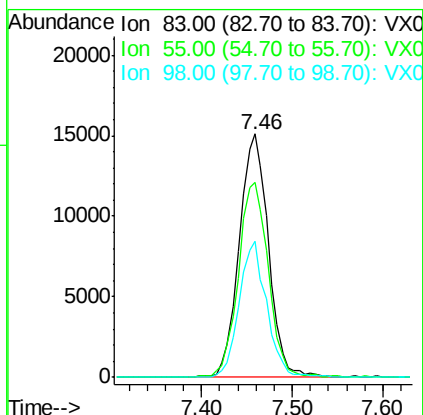
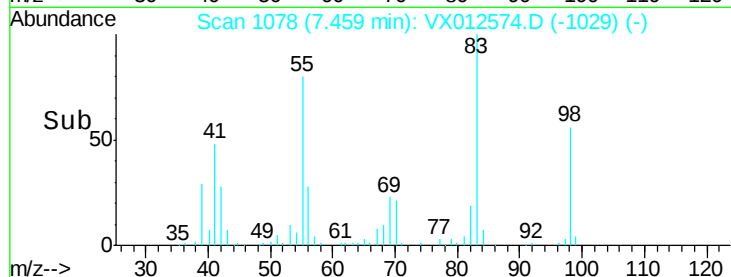
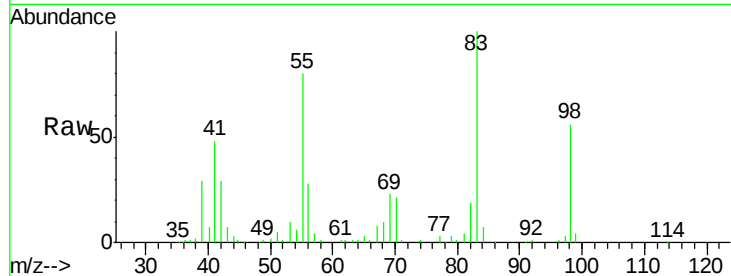




#39
Methvlcvclohexane
Concen: 19.921 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

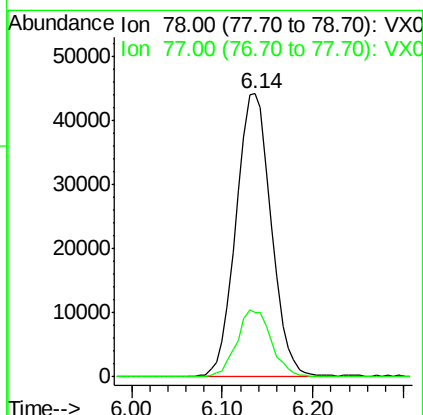
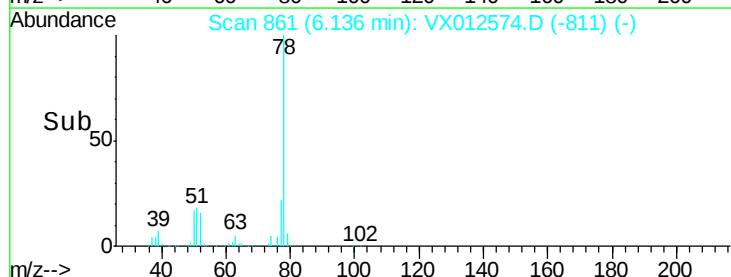
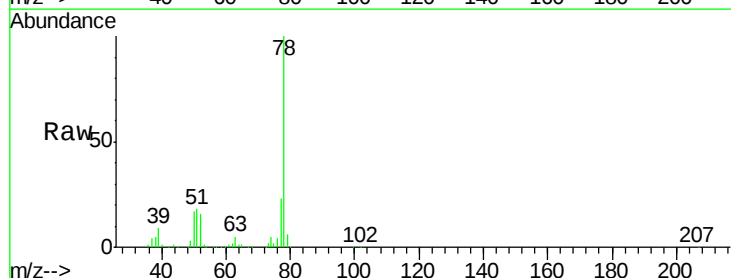
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

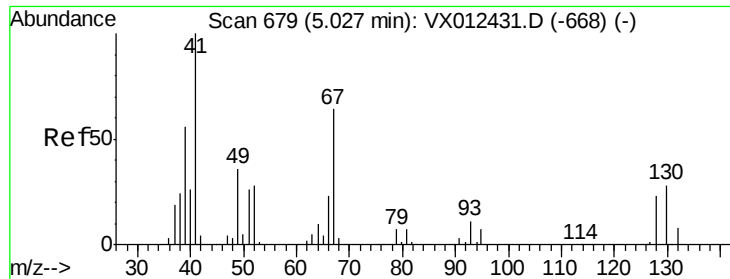
Tot Ion: 83 Resp: 33710
Ion Ratio Lower Upper
83 100
55 79.4 64.4 96.6
98 55.7 40.1 60.1



#40
Benzene
Concen: 21.515 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 78 Resp: 119090
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8





#41

Methacrylonitrile

Concen: 20.126 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

Tot Ion: 41 Resp: 34626

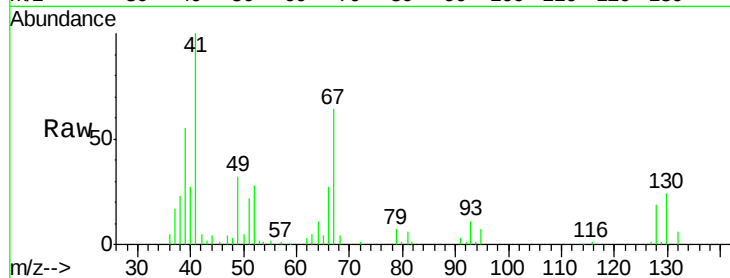
Ion Ratio Lower Upper

41 100

39 58.8 46.0 69.0

67 68.3 52.2 78.2

52 29.1 22.7 34.1

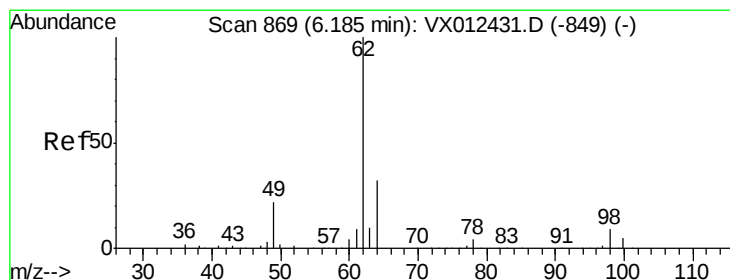
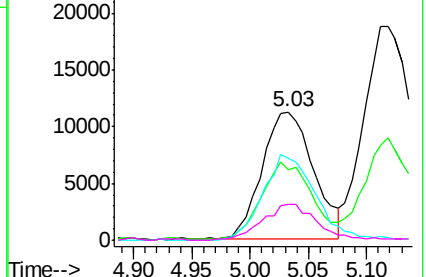
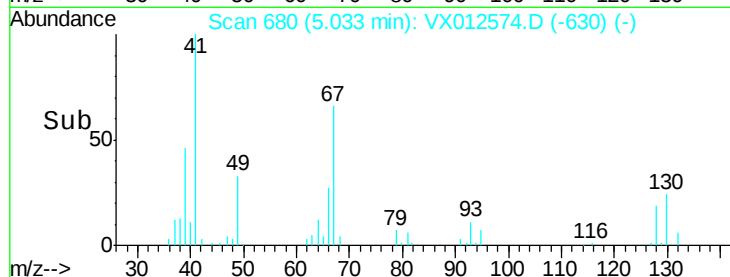


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.012 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012574.D

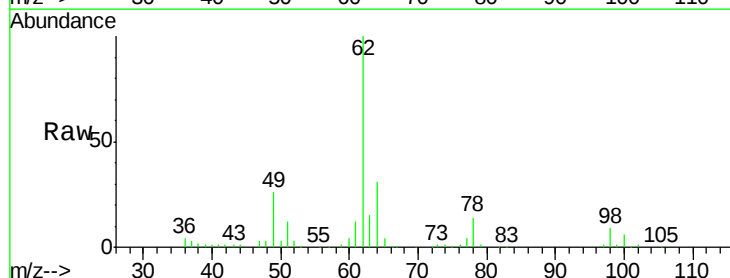
Acq: 20 Sep 2019 22:35

Tgt Ion: 62 Resp: 53944

Ion Ratio Lower Upper

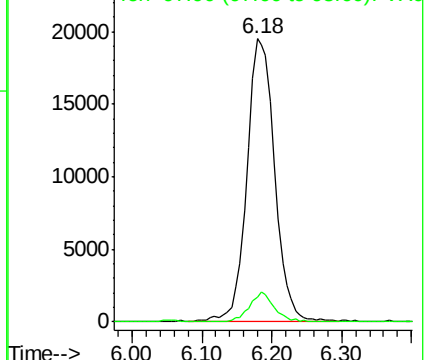
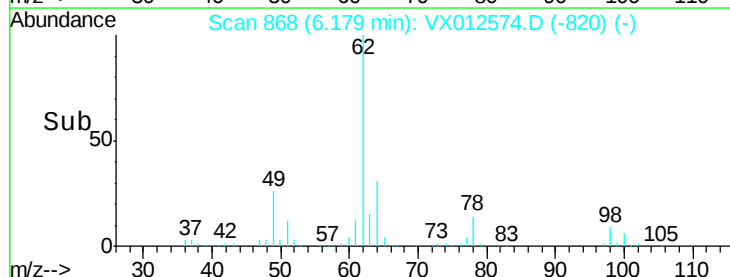
62 100

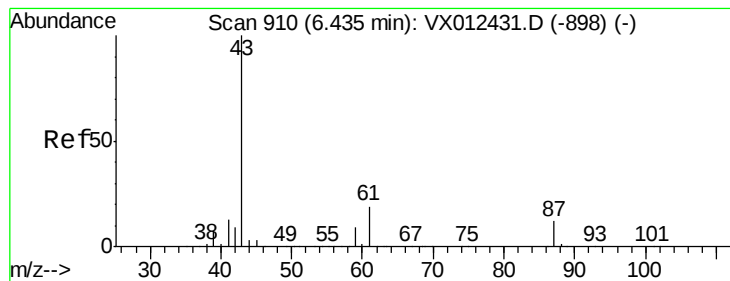
98 9.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.588 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

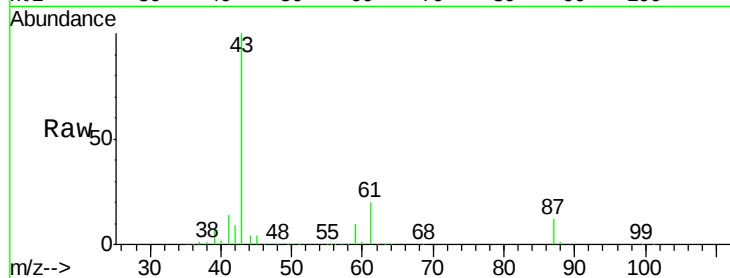
Tot Ion: 43 Resp: 98734

Ion Ratio Lower Upper

43 100

61 19.9 15.4 23.0

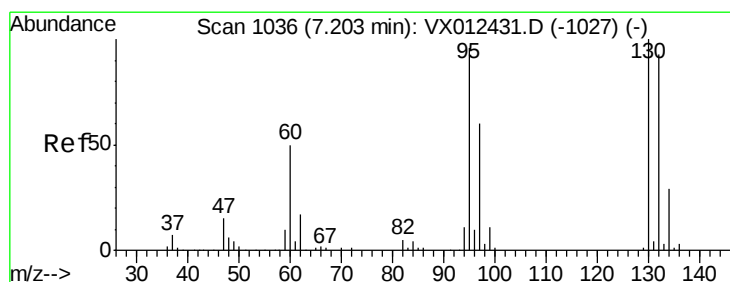
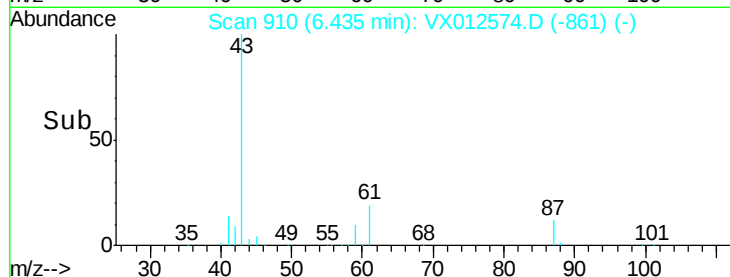
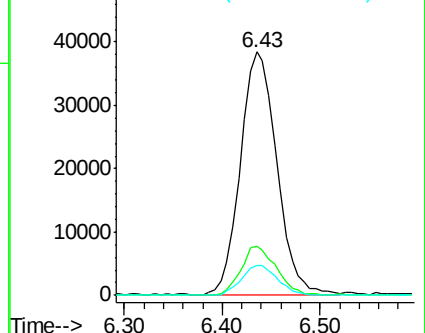
87 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 22.536 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012574.D

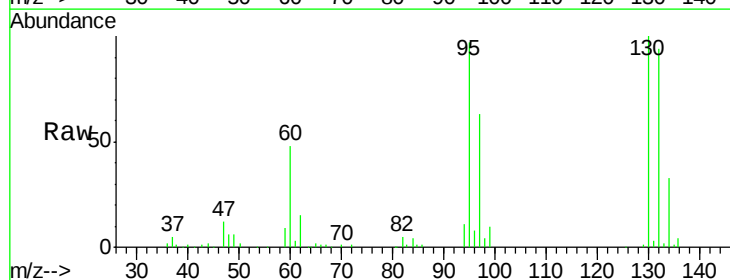
Acq: 20 Sep 2019 22:35

Tgt Ion: 130 Resp: 32814

Ion Ratio Lower Upper

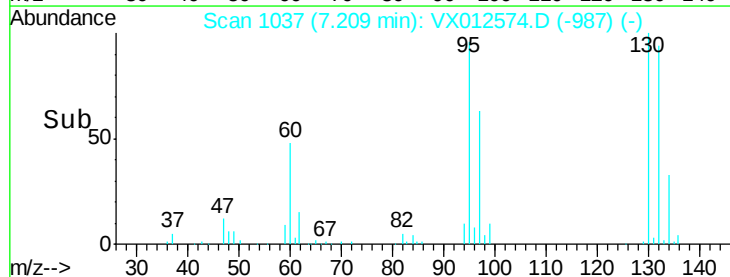
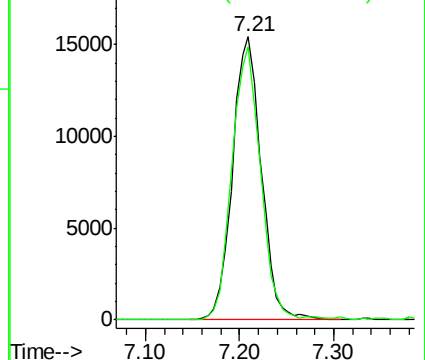
130 100

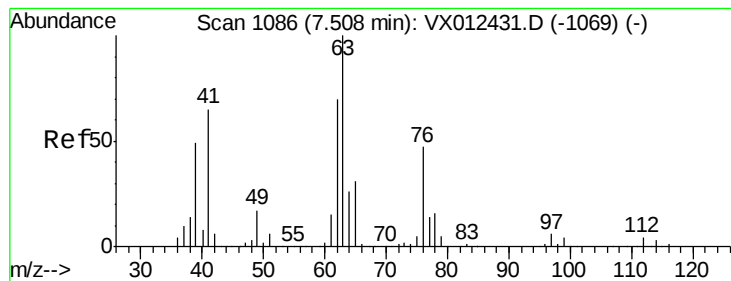
95 96.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.927 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

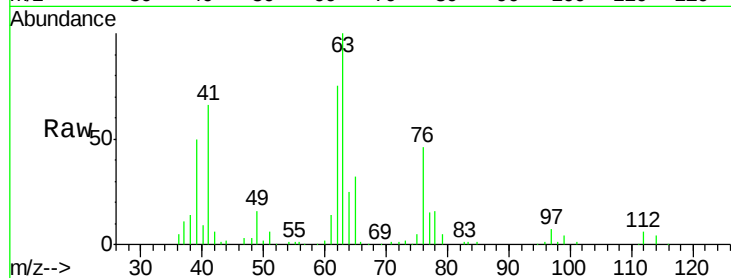
VX0920WBS02

Tot Ion: 63 Resp: 35588

Ion Ratio Lower Upper

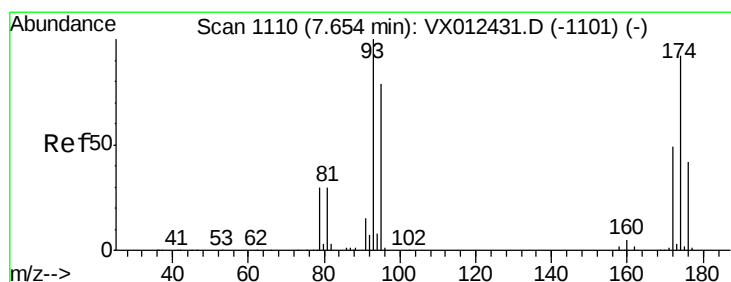
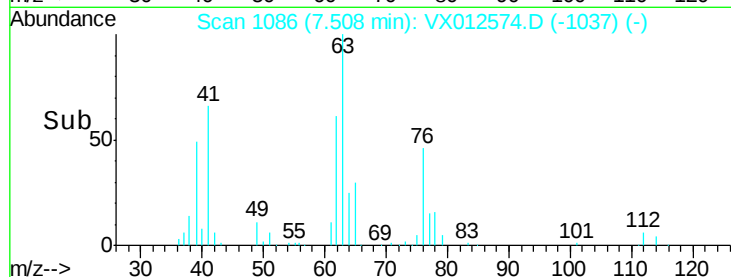
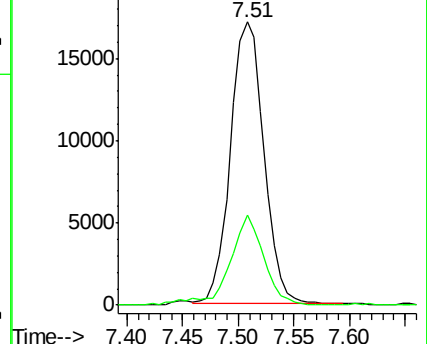
63 100

65 31.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.502 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

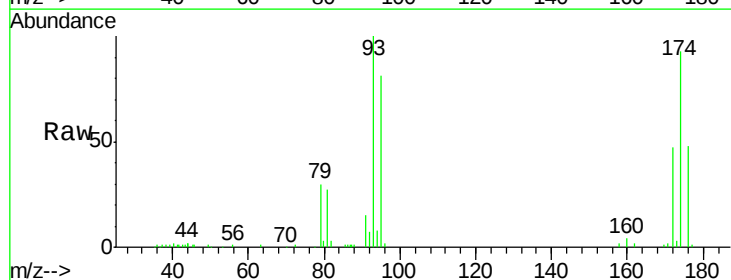
Tgt Ion: 93 Resp: 23663

Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

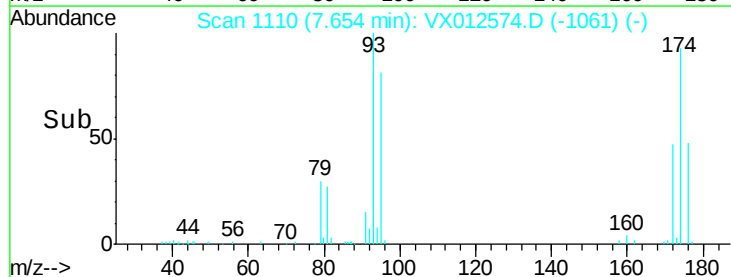
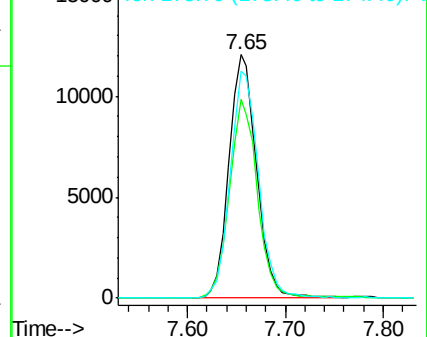
174 95.3 77.4 116.0

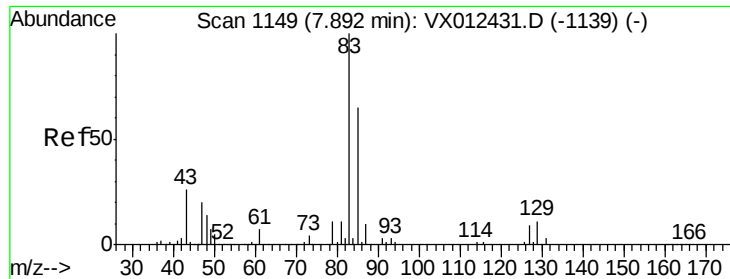


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.269 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

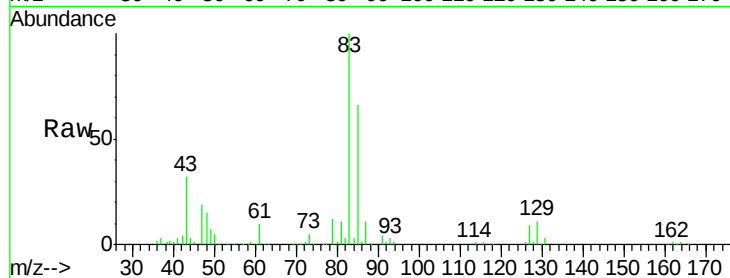
Tot Ion: 83 Resp: 49665

Ion Ratio Lower Upper

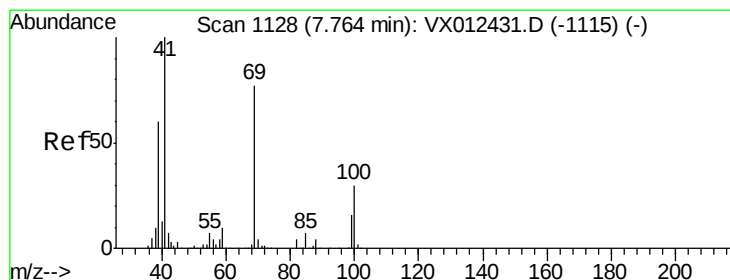
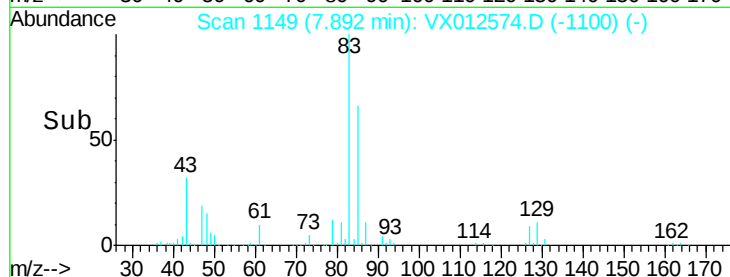
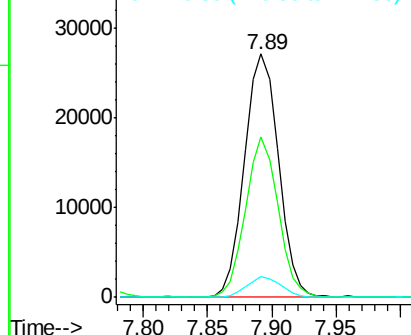
83 100

85 66.1 51.8 77.6

127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.147 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

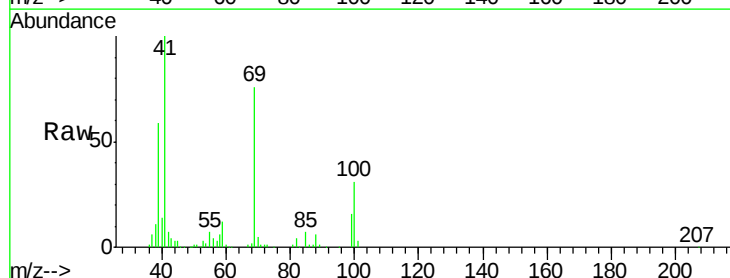
Tgt Ion: 41 Resp: 45544

Ion Ratio Lower Upper

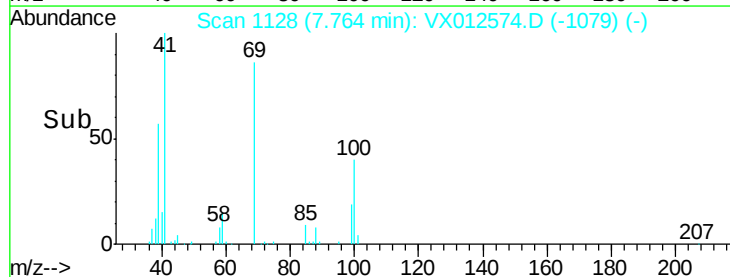
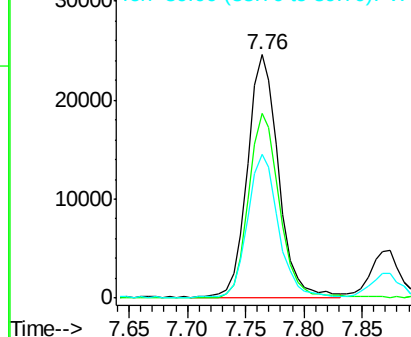
41 100

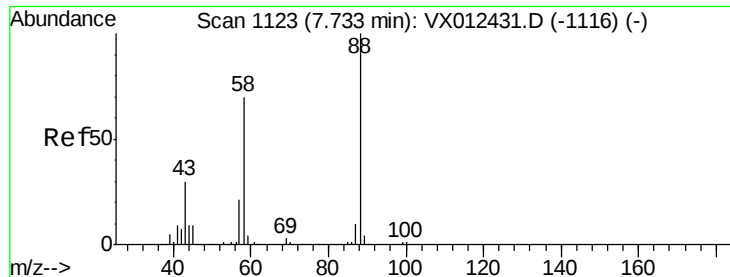
69 76.0 59.9 89.9

39 58.5 47.8 71.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 398.442 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

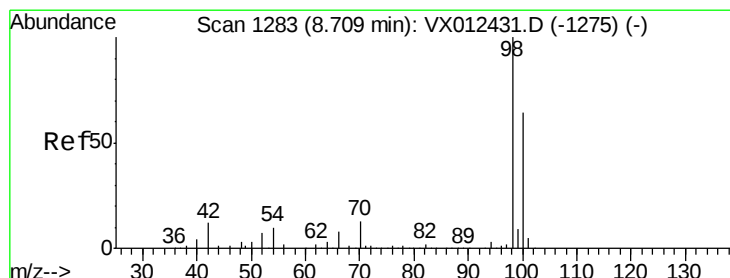
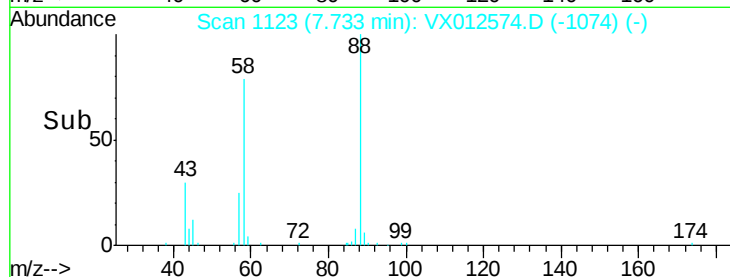
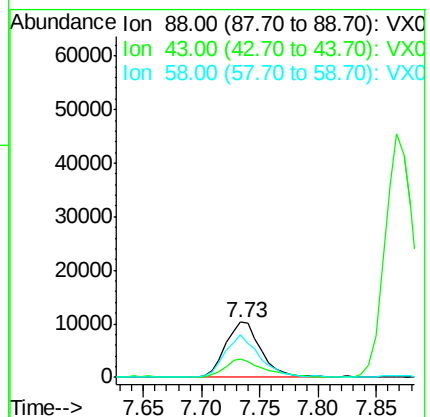
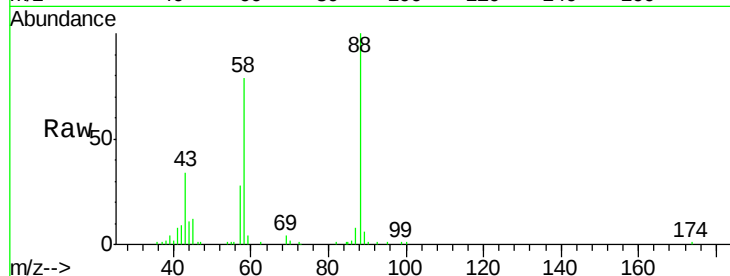
Tot Ion: 88 Resp: 21922

Ion Ratio Lower Upper

88 100

43 36.6 29.4 44.0

58 74.6 57.5 86.3



#50

Toluene-d8

Concen: 51.379 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012574.D

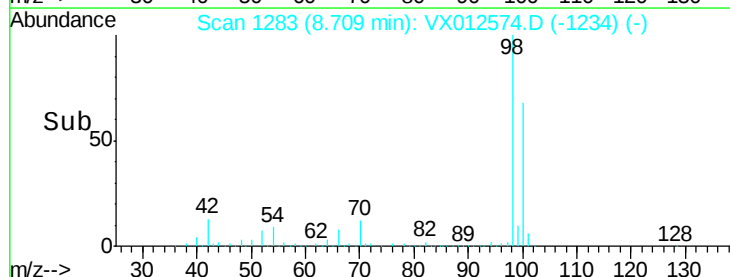
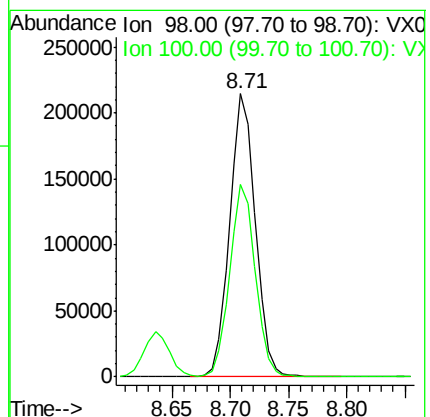
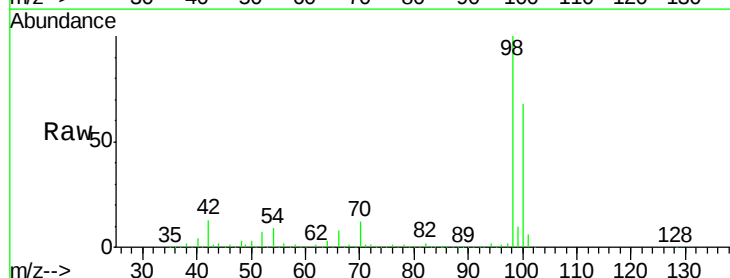
Acq: 20 Sep 2019 22:35

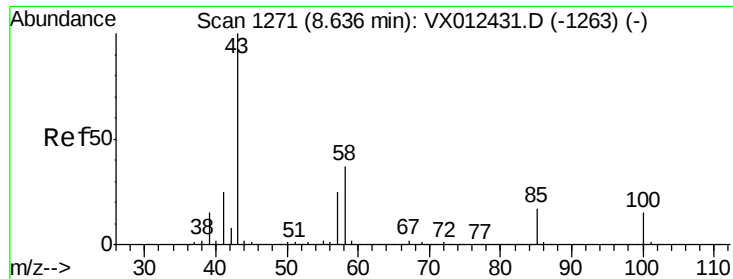
Tgt Ion: 98 Resp: 329675

Ion Ratio Lower Upper

98 100

100 67.8 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 105.824 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

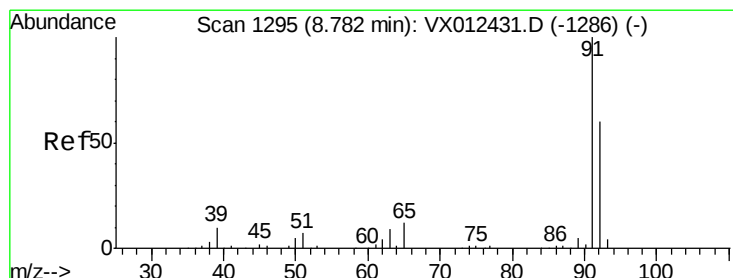
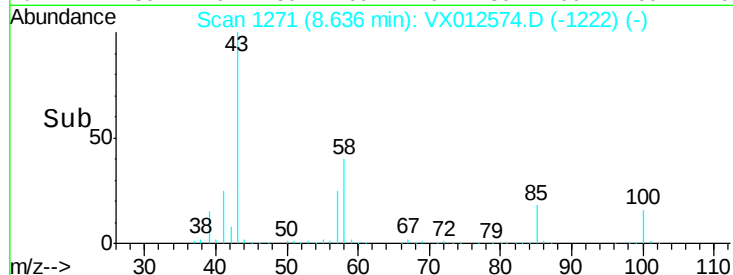
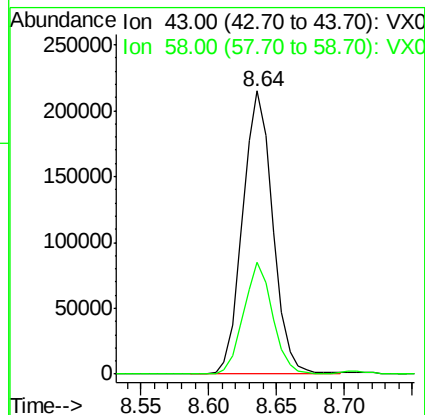
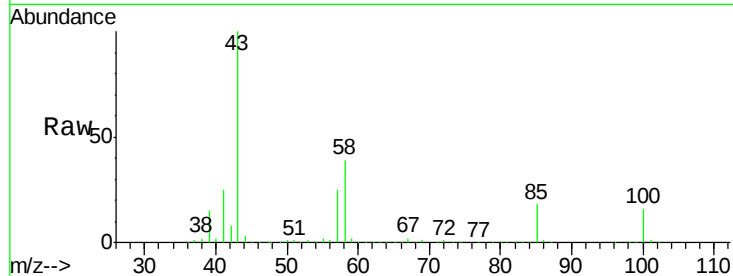
VX0920WBS02

Tot Ion: 43 Resp: 332810

Ion Ratio Lower Upper

43 100

58 38.0 29.8 44.6



#52

Toluene

Concen: 21.478 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012574.D

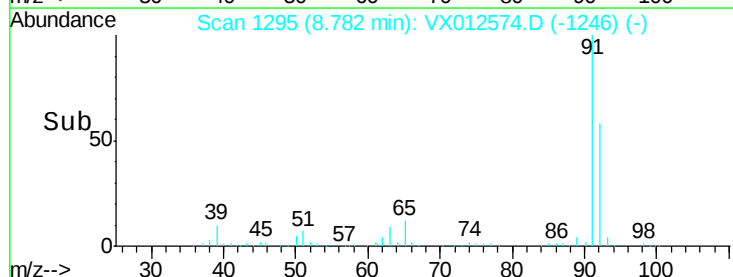
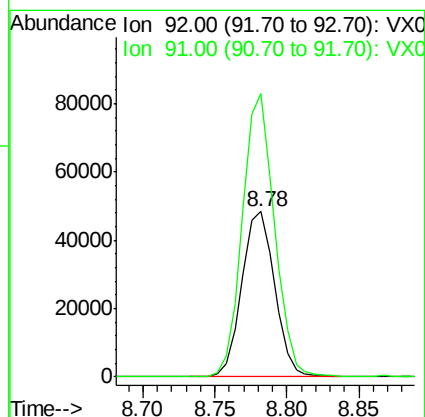
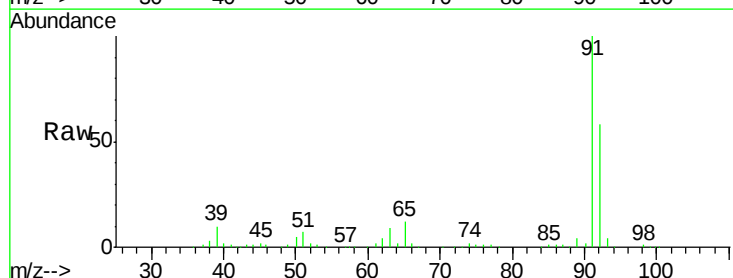
Acq: 20 Sep 2019 22:35

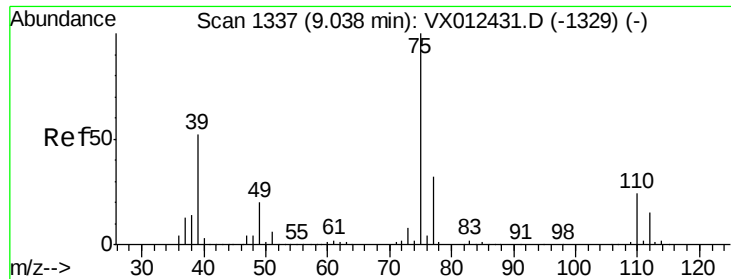
Tgt Ion: 92 Resp: 76606

Ion Ratio Lower Upper

92 100

91 167.4 135.4 203.0

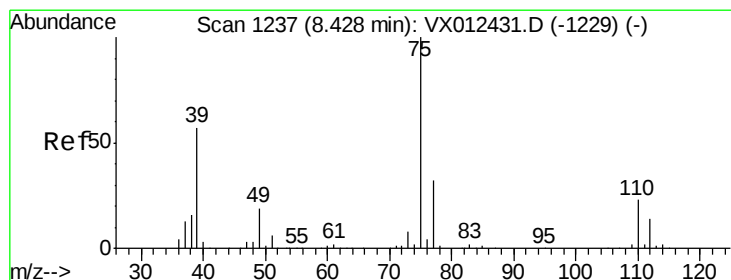
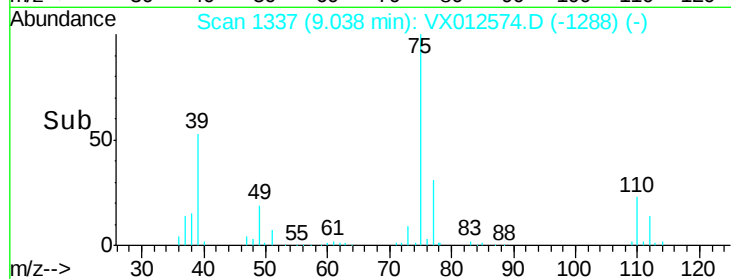
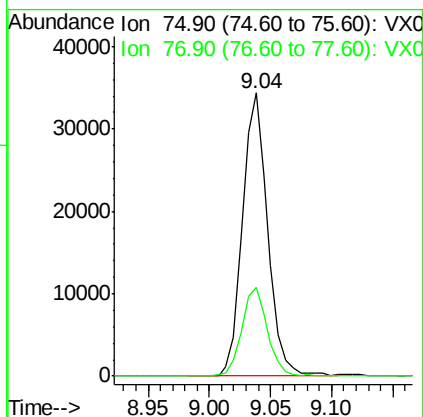
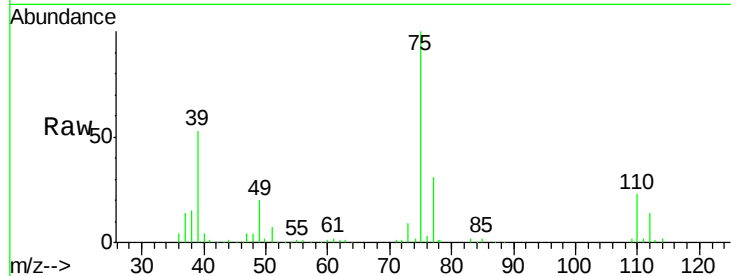




#53
t-1,3-Dichloropropene
Concen: 19.213 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

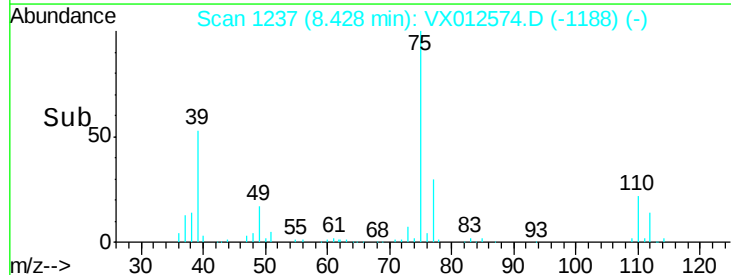
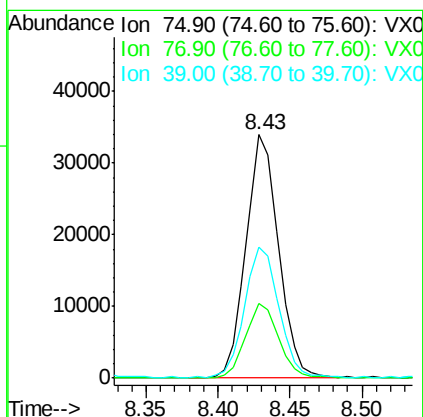
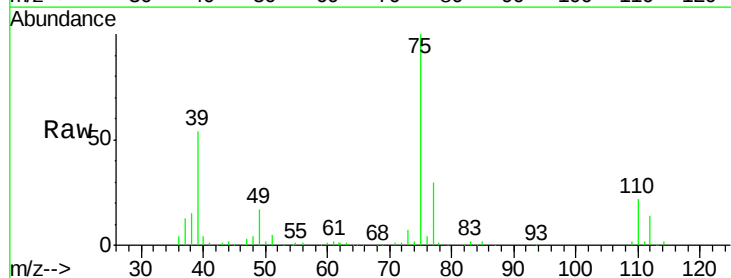
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

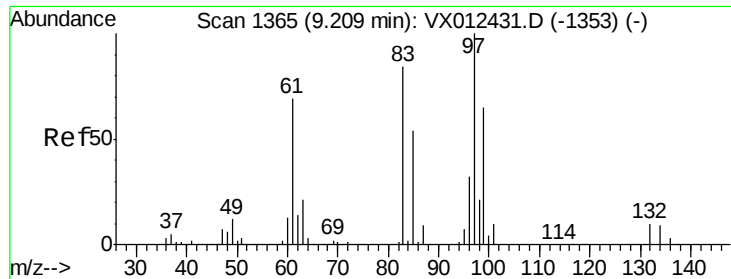
Tot Ion: 75 Resp: 48938
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.195 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 75 Resp: 53252
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8
39 52.9 45.5 68.3

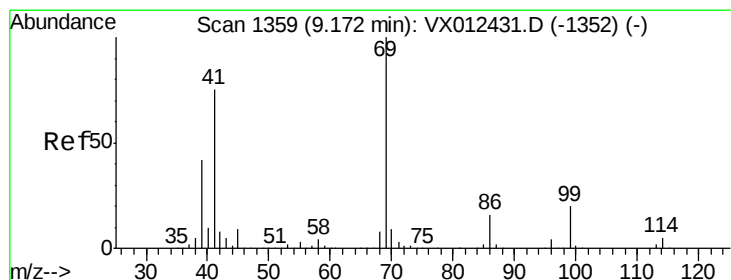
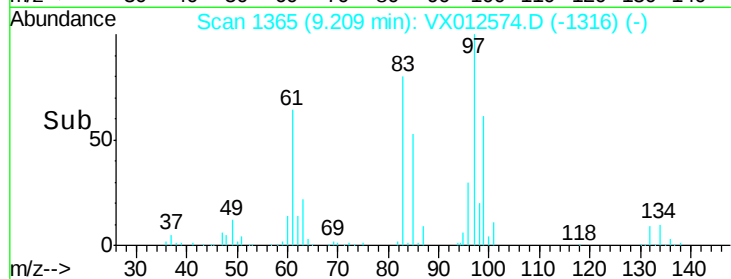
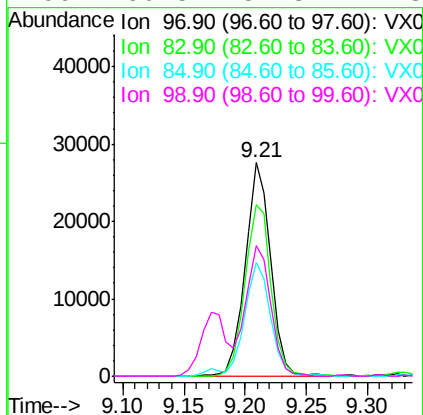
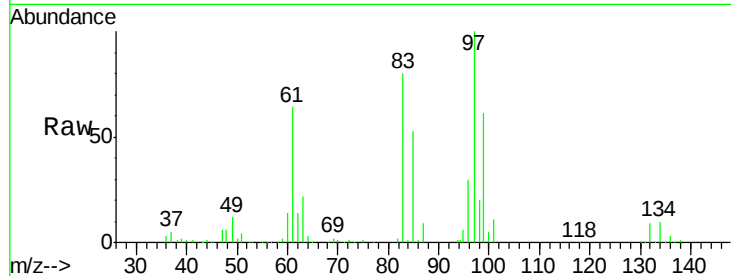




#55
 1,1,2-Trichloroethane
 Concen: 21.628 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

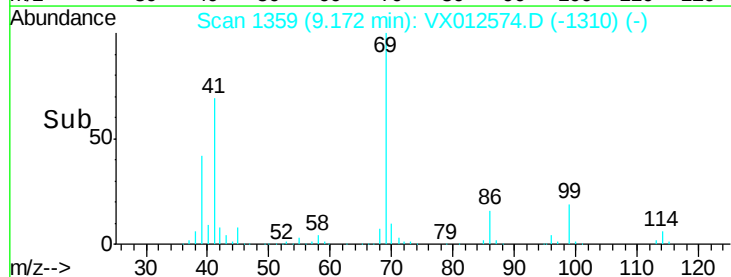
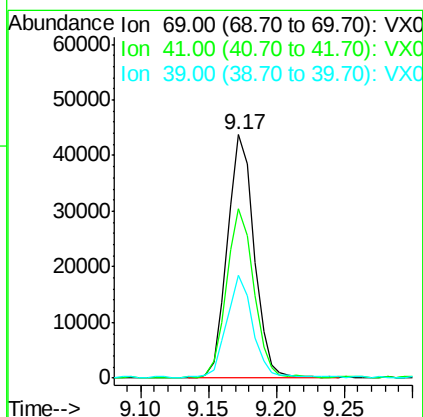
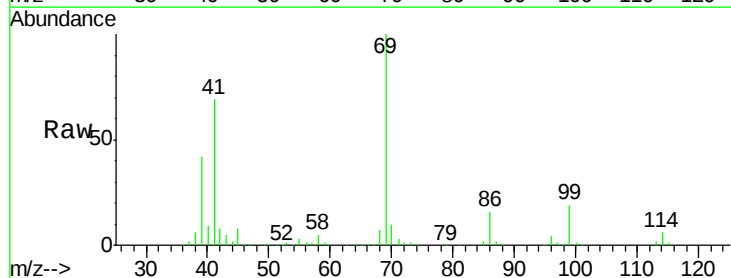
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS02

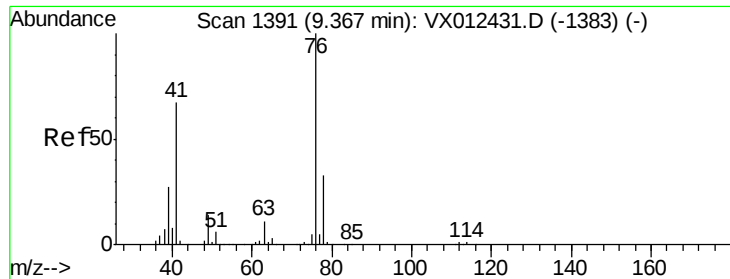
Tot Ion:	97	Resp:	39743
Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.4	101.2
85	53.3	43.5	65.3
99	60.5	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 20.988 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Tgt Ion:	69	Resp:	60299
Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.4	87.6
39	40.5	33.4	50.0

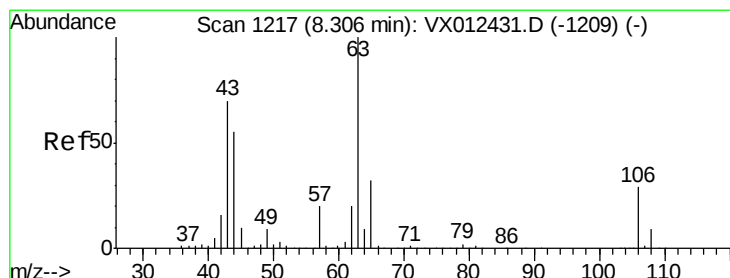
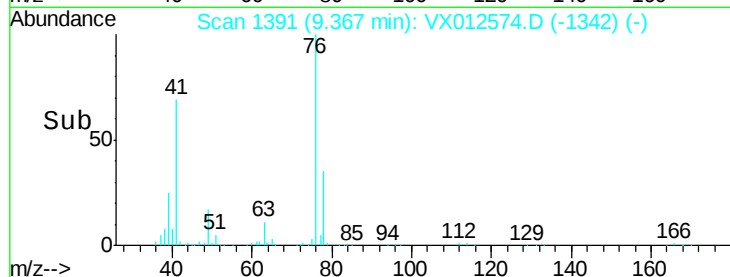
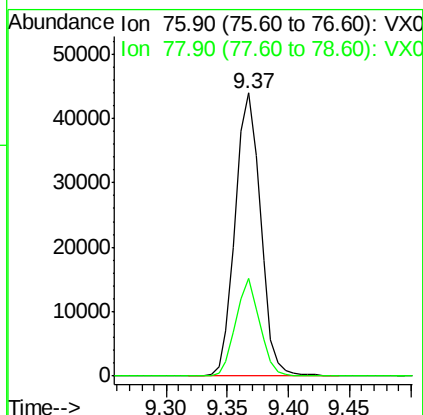
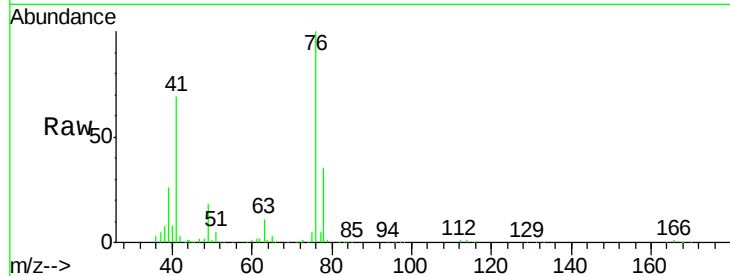




#57
 1,3-Dichloropropane
 Concen: 21.648 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

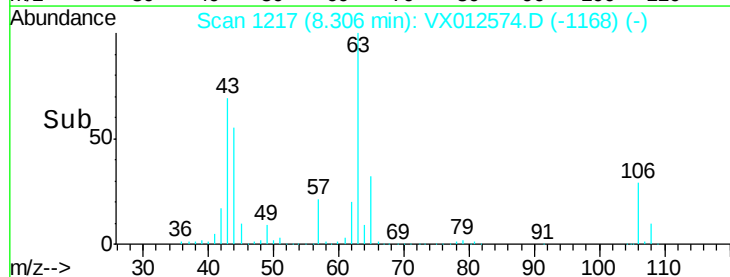
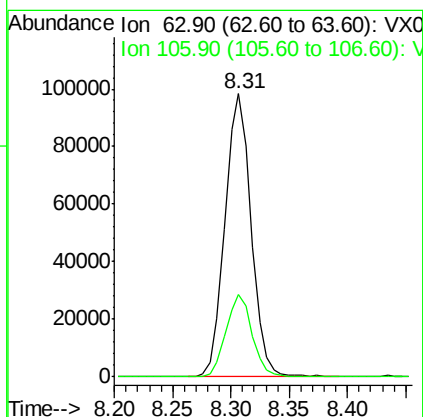
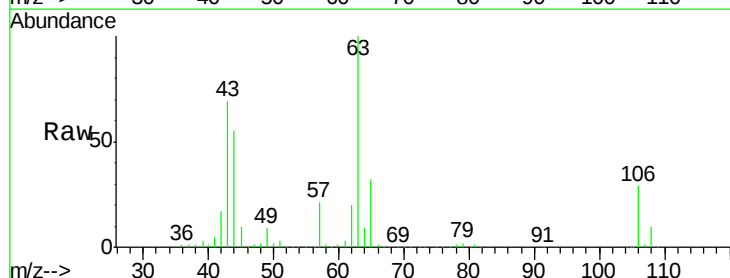
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS02

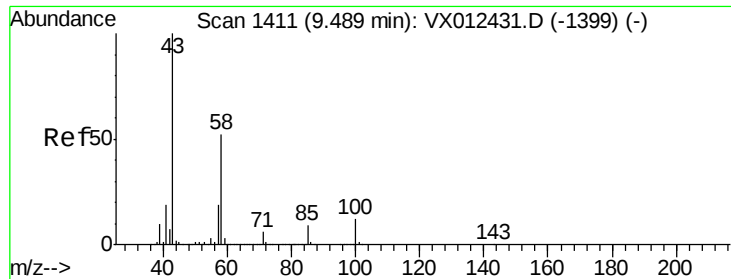
Tot Ion: 76 Resp: 63470
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.351 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Tgt Ion: 63 Resp: 153703
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.8 35.6

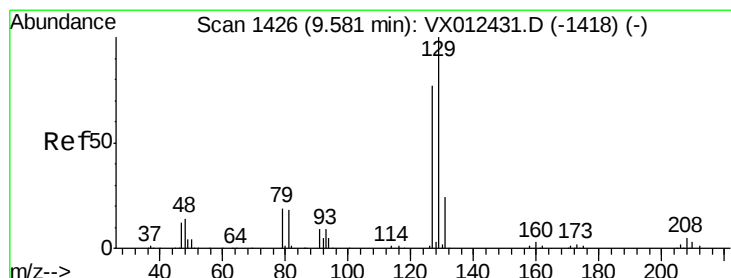
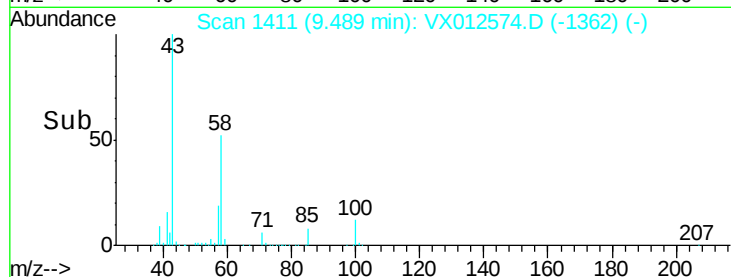
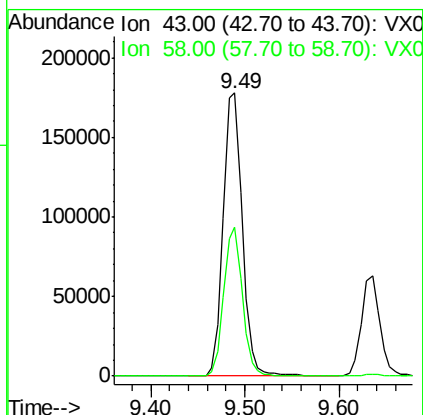
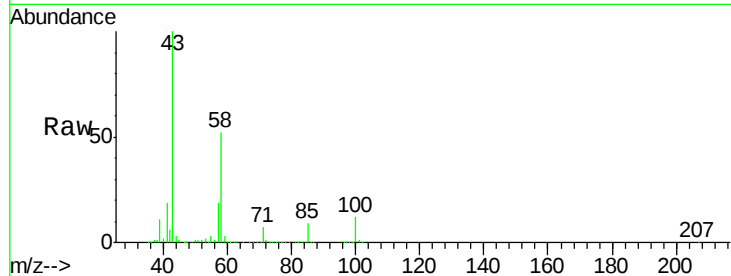




#59
2-Hexanone
Concen: 102.278 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

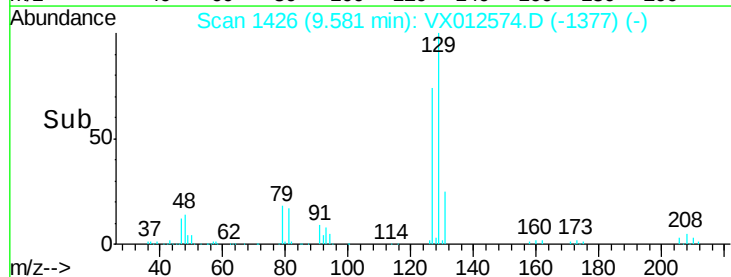
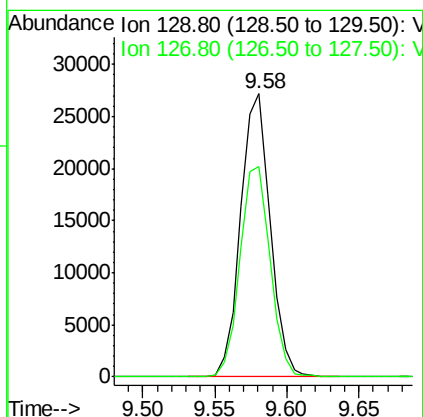
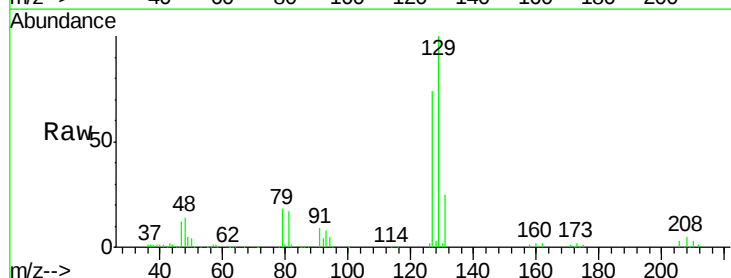
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

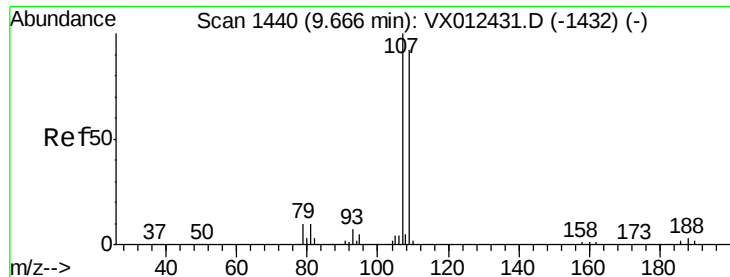
Tot Ion: 43 Resp: 250947
Ion Ratio Lower Upper
43 100
58 51.6 25.7 77.1



#60
Dibromochloromethane
Concen: 20.800 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 129 Resp: 38933
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.952 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

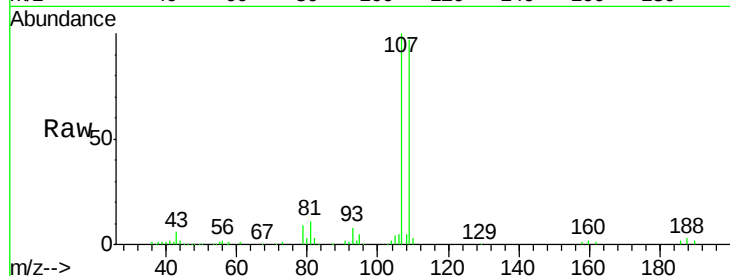
VX0920WBS02

Tot Ion:107 Resp: 36842

Ion Ratio Lower Upper

107 100

109 95.2 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

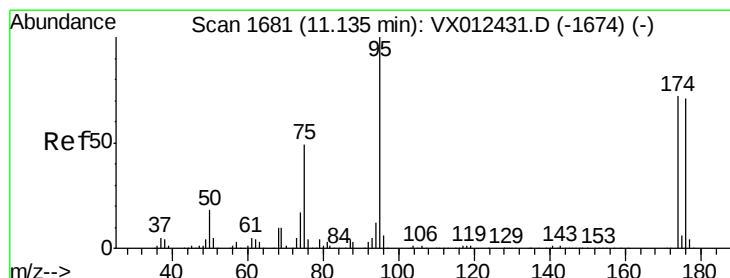
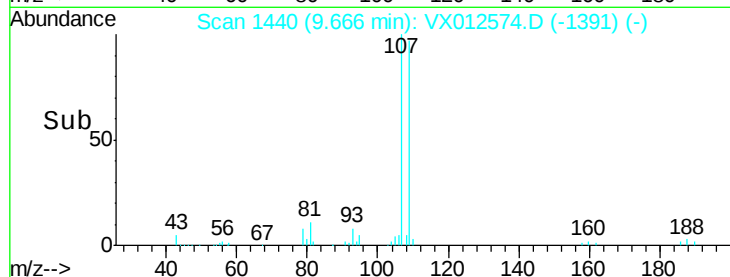
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.001 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

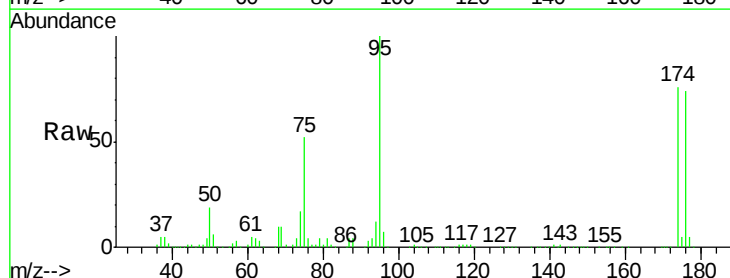
Tgt Ion: 95 Resp: 130549

Ion Ratio Lower Upper

95 100

174 72.5 0.0 140.0

176 70.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

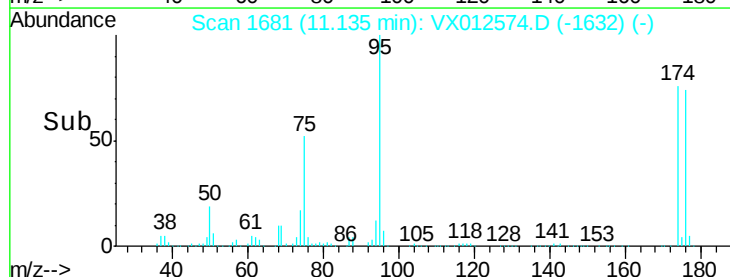
100000

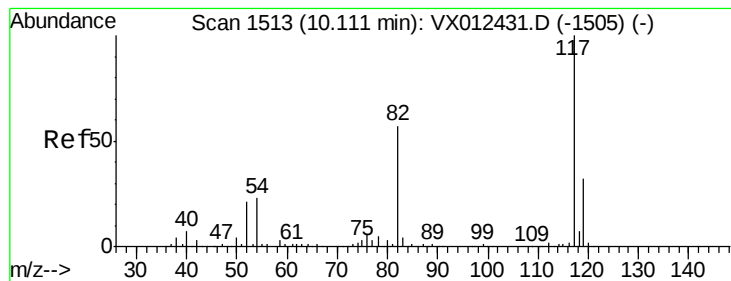
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

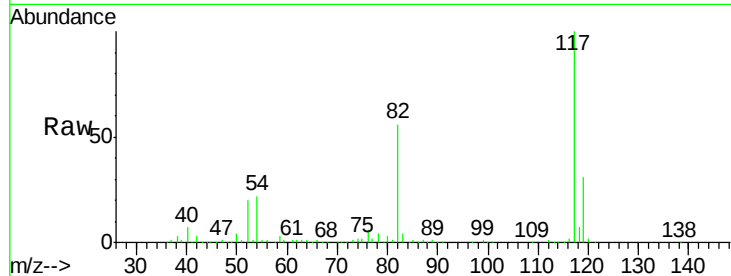
Tot Ion:117 Resp: 254055

Ion Ratio Lower Upper

117 100

82 55.7 45.9 68.9

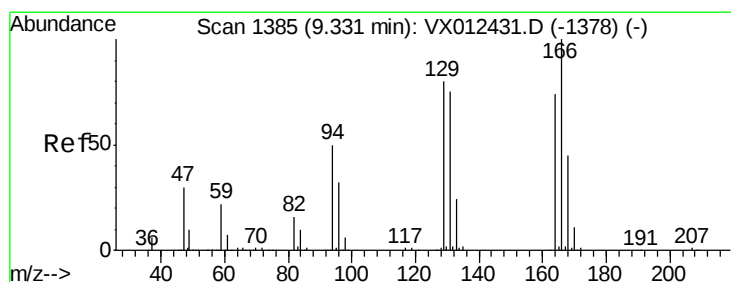
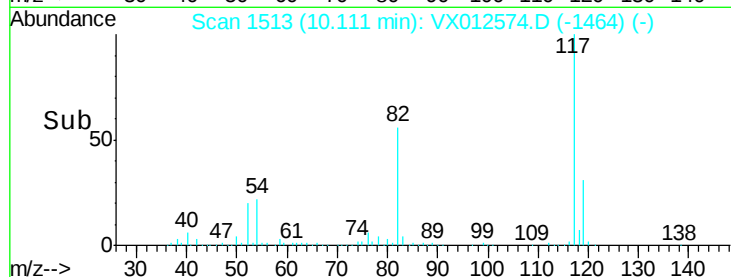
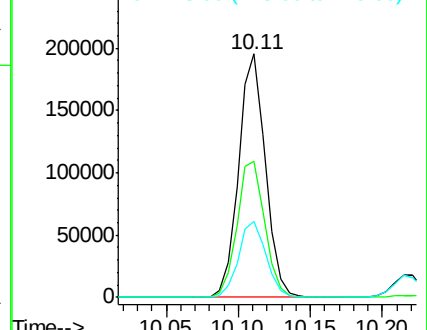
119 31.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 26.048 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Tgt Ion:164 Resp: 30324

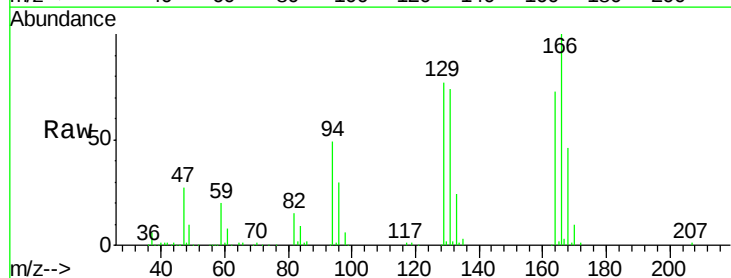
Ion Ratio Lower Upper

164 100

166 137.5 107.8 161.6

129 105.4 86.2 129.2

131 102.2 80.4 120.6

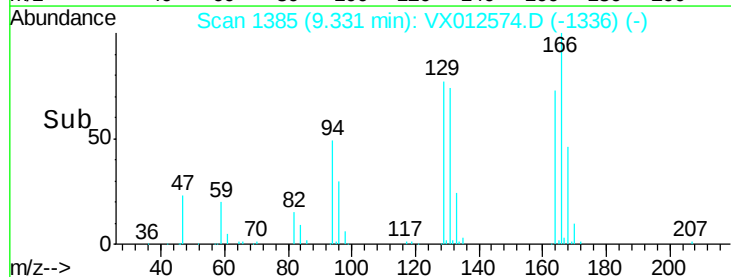
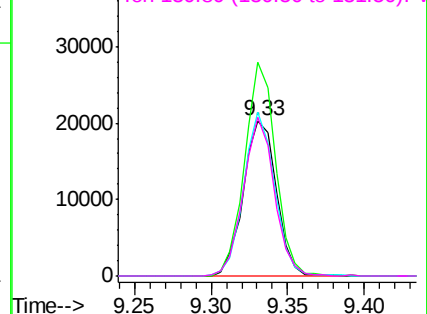


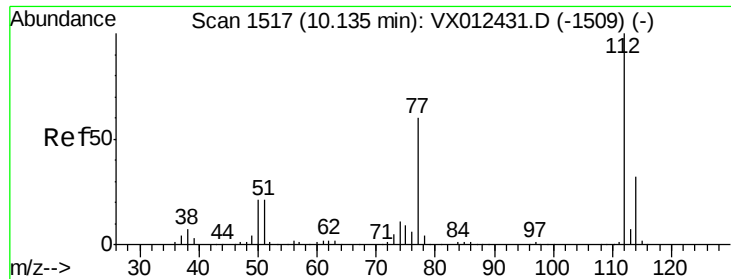
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

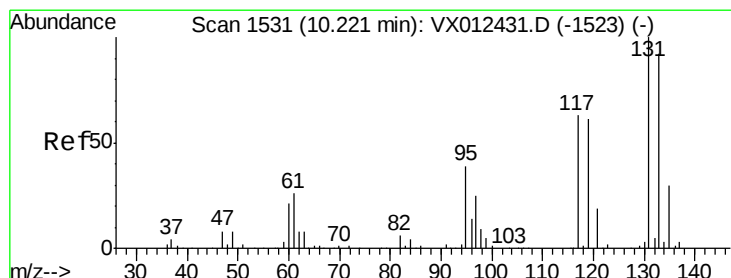
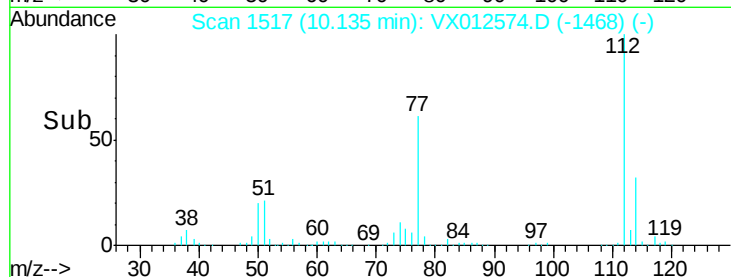
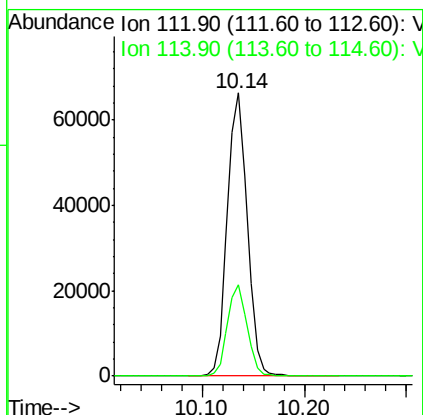
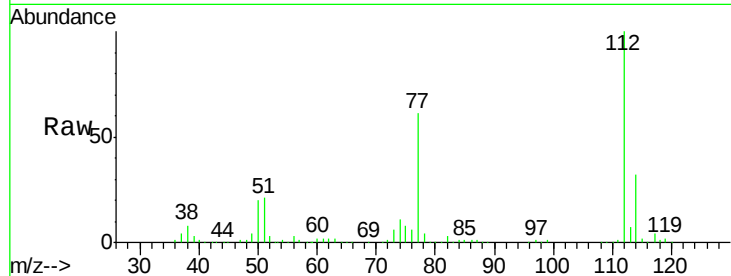




#65
Chlorobenzene
Concen: 21.413 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

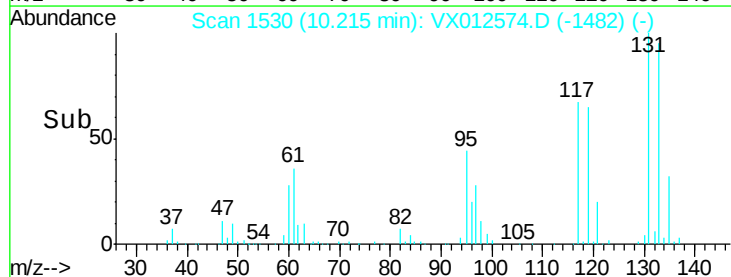
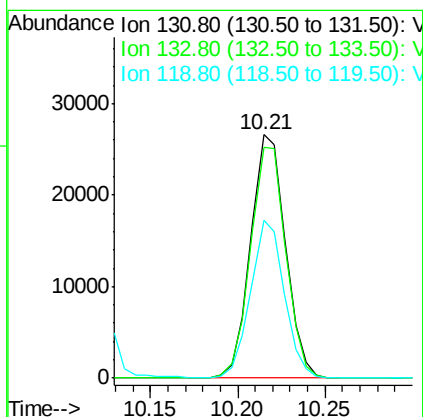
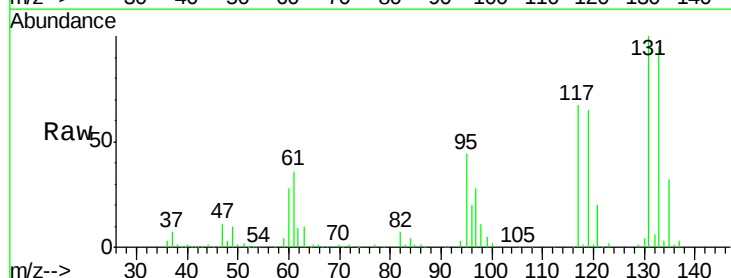
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

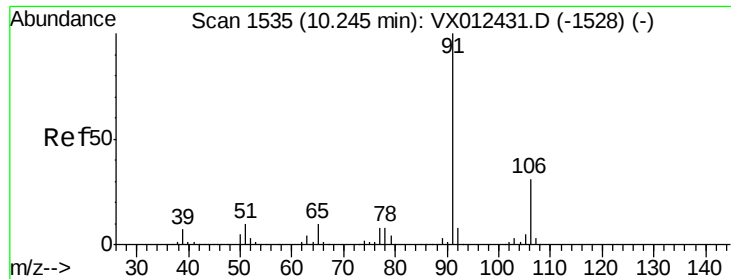
Tot Ion:112 Resp: 89790
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.212 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion:131 Resp: 36914
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 63.1 31.3 93.8

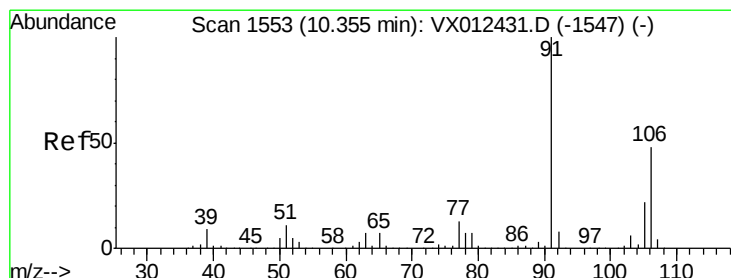
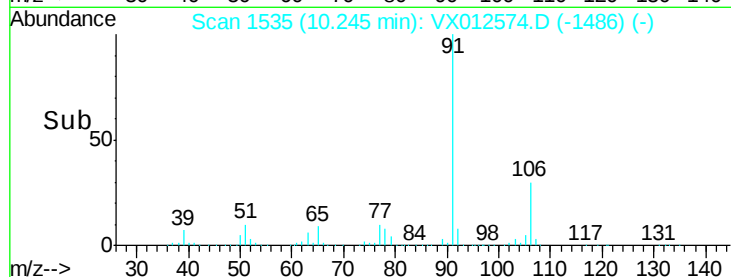
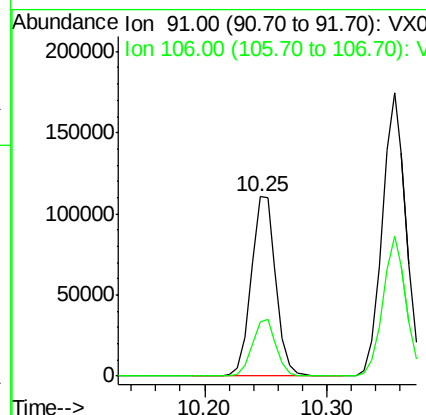
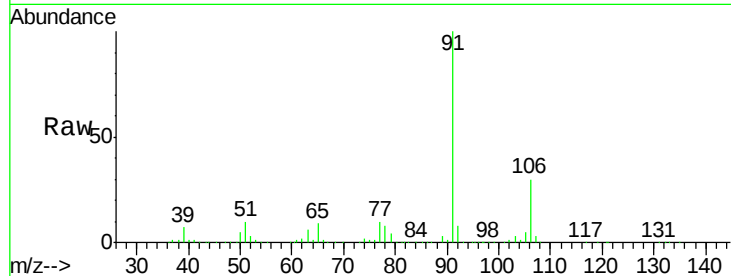




#67
Ethyl Benzene
Concen: 21.457 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

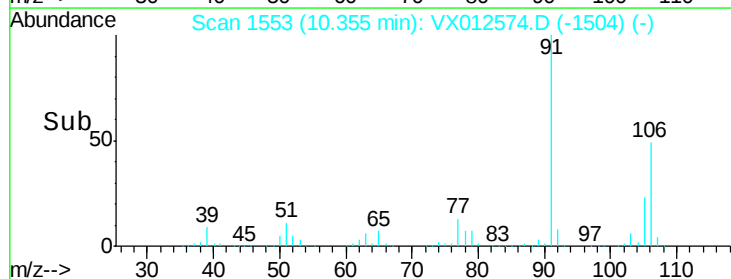
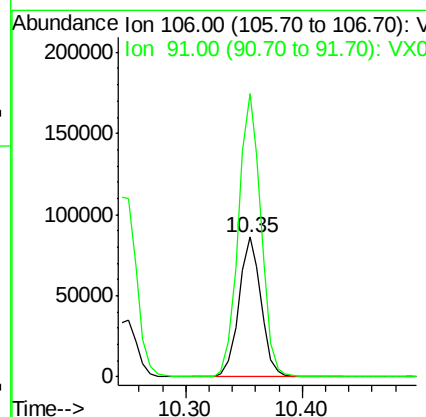
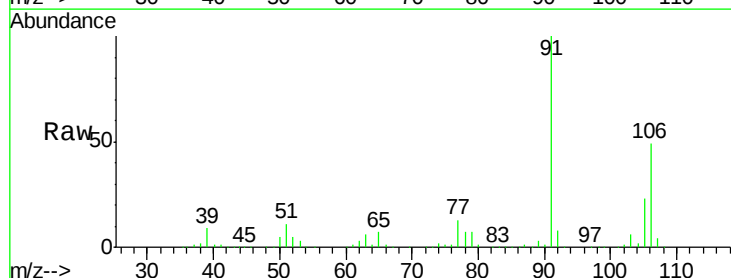
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

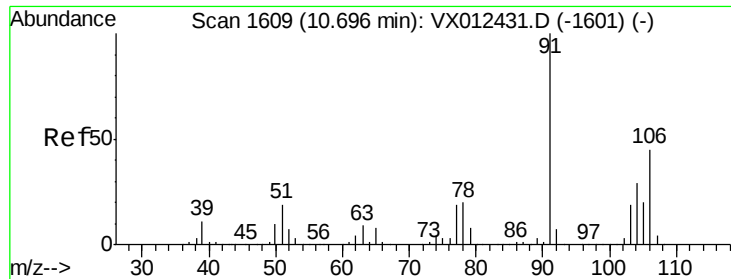
Tot Ion: 91 Resp: 154578
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 43.616 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 106 Resp: 114327
Ion Ratio Lower Upper
106 100
91 206.0 166.6 250.0

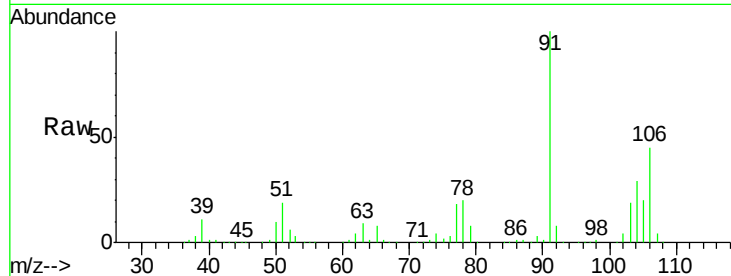




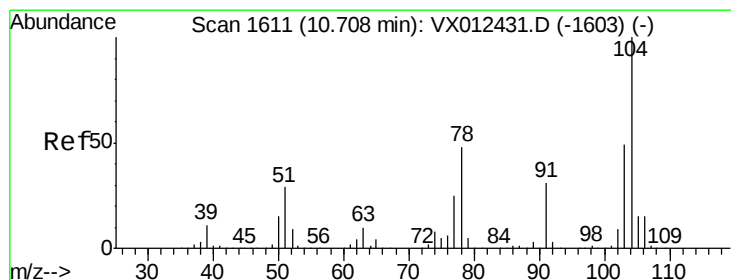
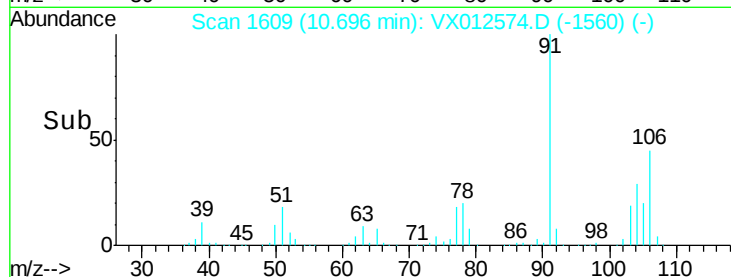
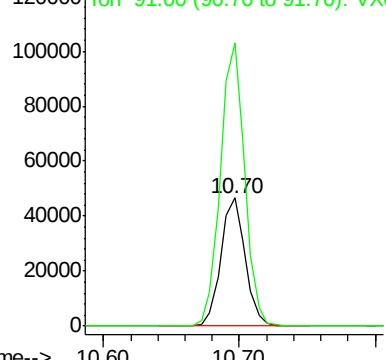
#69
o-Xylene
Concen: 21.738 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Instrument :
MSVOA_X
ClientSampled :
VX0920WBS02

Tot Ion:106 Resp: 58600
Ion Ratio Lower Upper
106 100
91 220.1 109.4 328.2

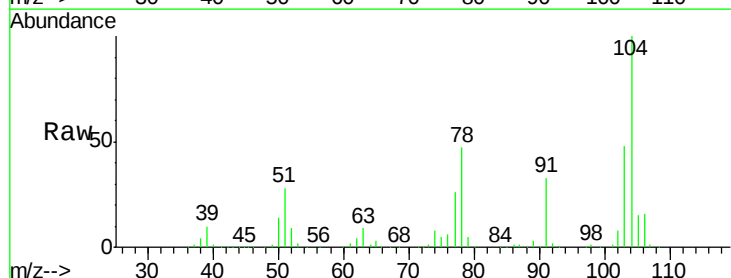


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

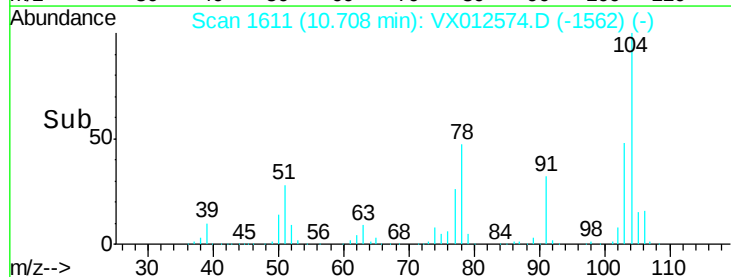
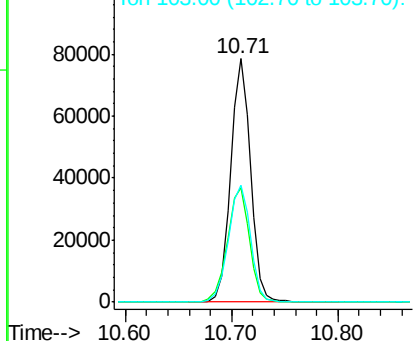


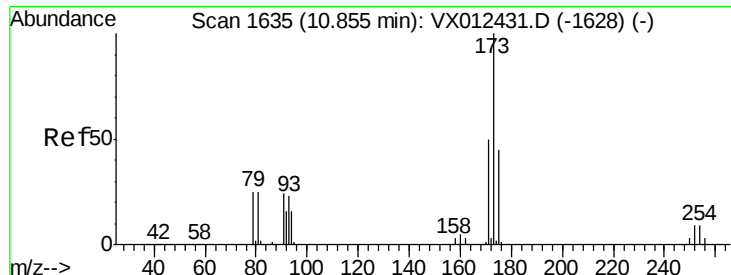
#70
Styrene
Concen: 21.686 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion:104 Resp: 103429
Ion Ratio Lower Upper
104 100
78 52.3 43.4 65.2
103 53.3 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.040 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

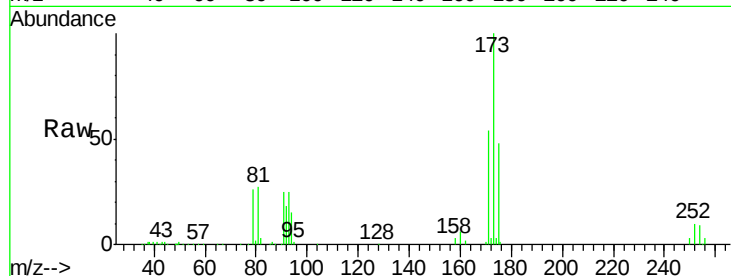
Tot Ion:173 Resp: 25704

Ion Ratio Lower Upper

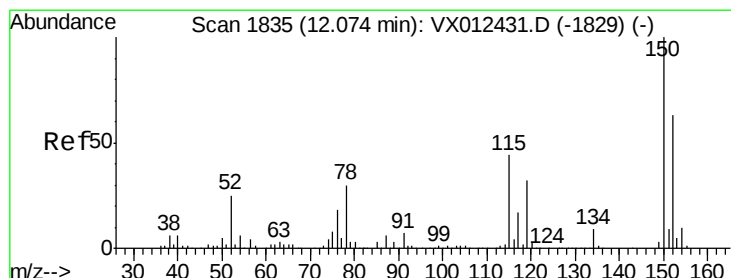
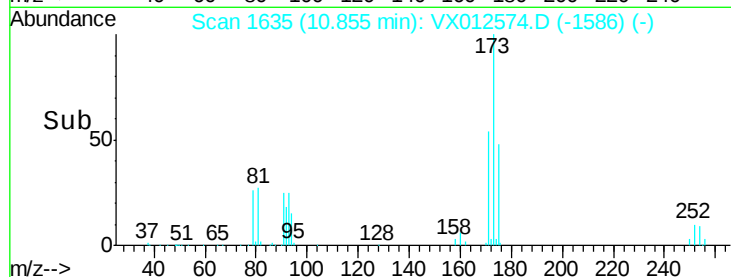
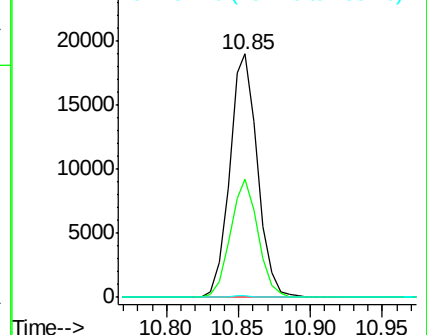
173 100

175 48.2 23.7 71.1

254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

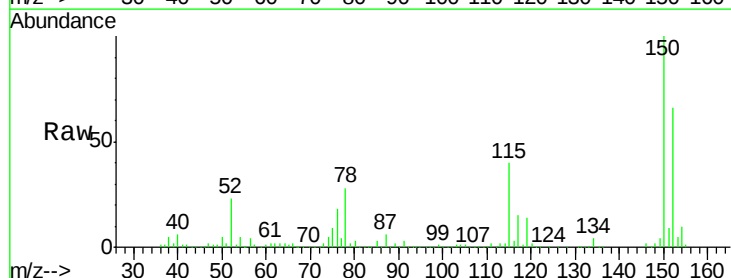
Tgt Ion:152 Resp: 123088

Ion Ratio Lower Upper

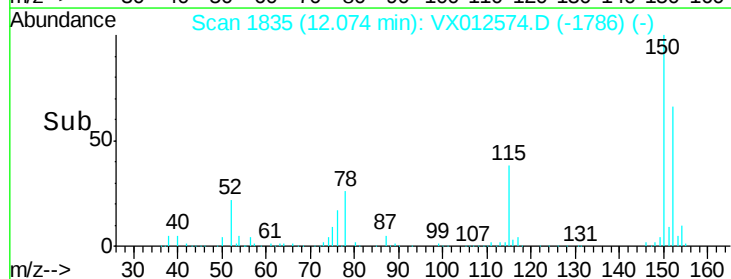
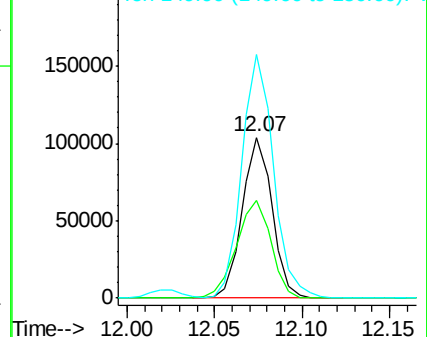
152 100

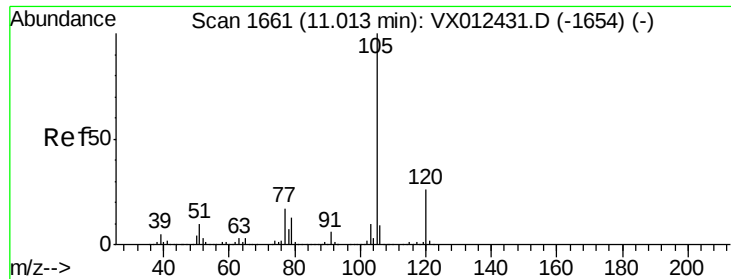
115 70.7 44.1 132.3

150 161.2 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

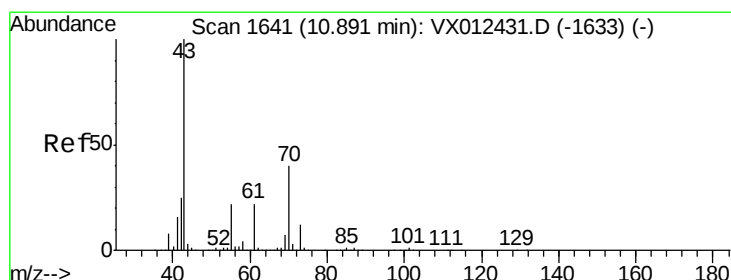
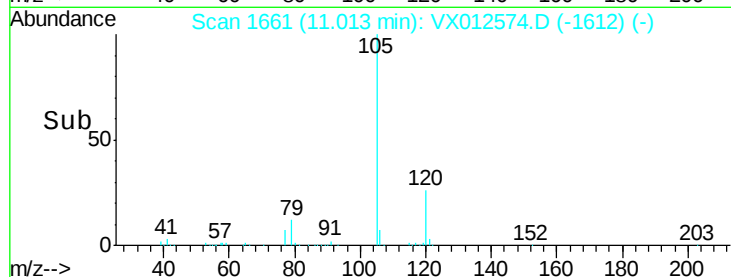
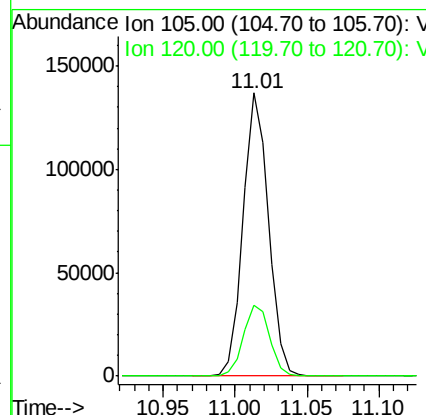
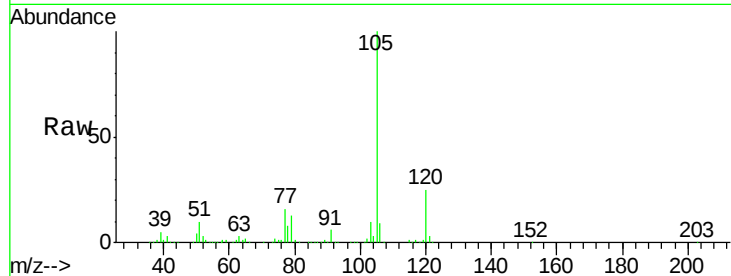




#73
Isopropylbenzene
Concen: 21.780 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

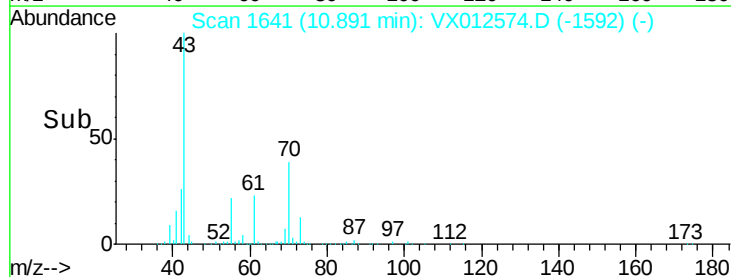
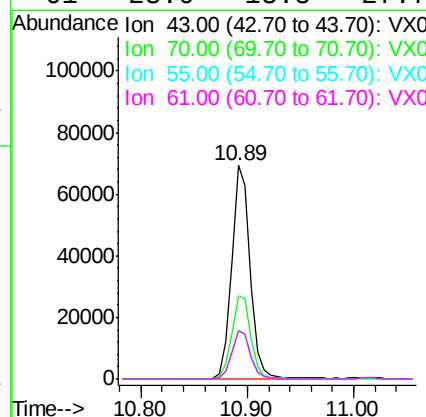
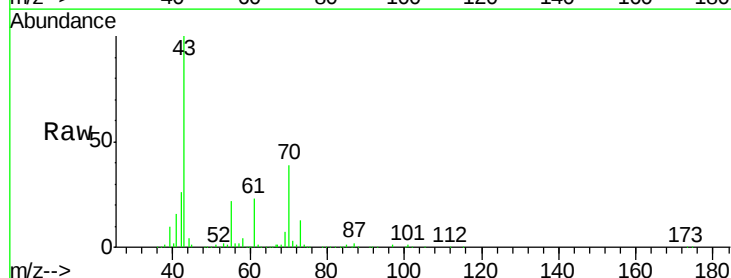
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS02

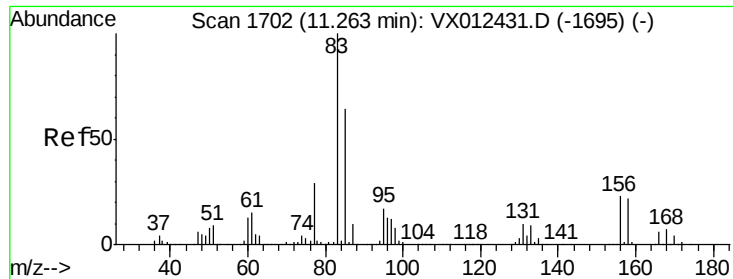
Tot Ion:105 Resp: 168208
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7



#74
N-ethyl acetate
Concen: 20.174 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012574.D
Acq: 20 Sep 2019 22:35

Tgt Ion: 43 Resp: 83883
Ion Ratio Lower Upper
43 100
70 41.1 32.4 48.6
55 24.0 18.2 27.4
61 23.0 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.213 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

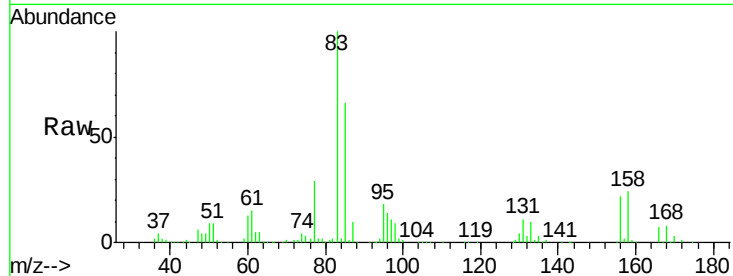
Tot Ion: 83 Resp: 64267

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

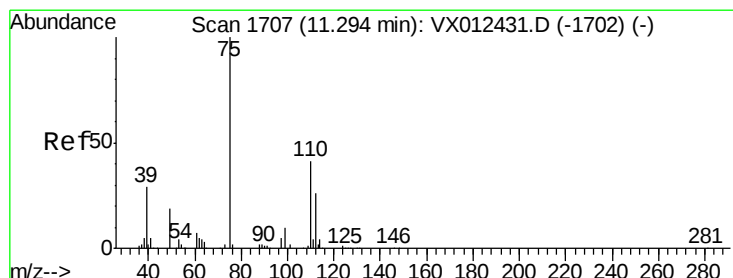
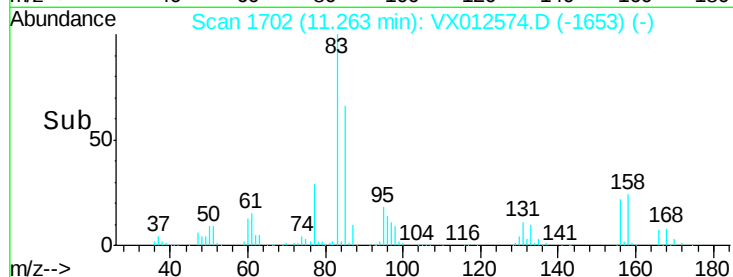
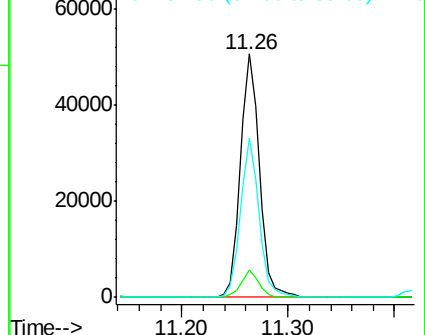
85 63.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.819 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012574.D

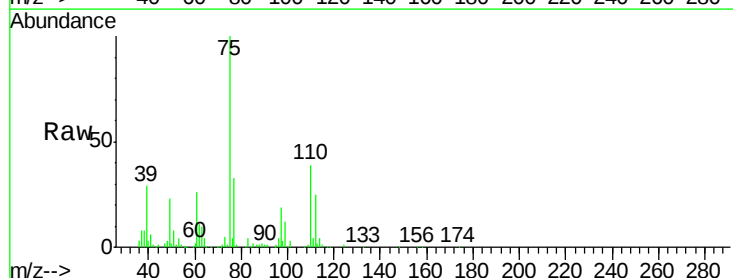
Acq: 20 Sep 2019 22:35

Tgt Ion: 75 Resp: 70173

Ion Ratio Lower Upper

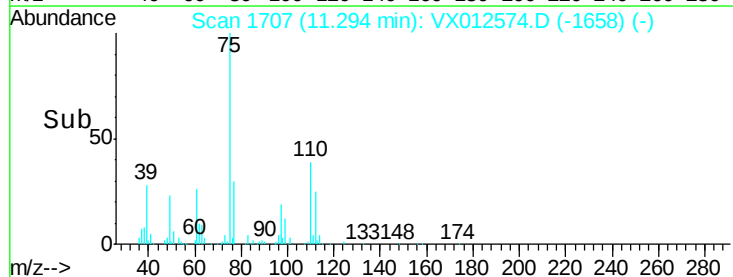
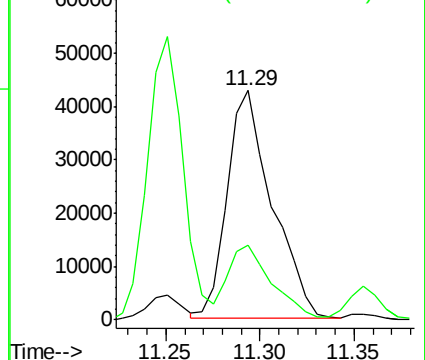
75 100

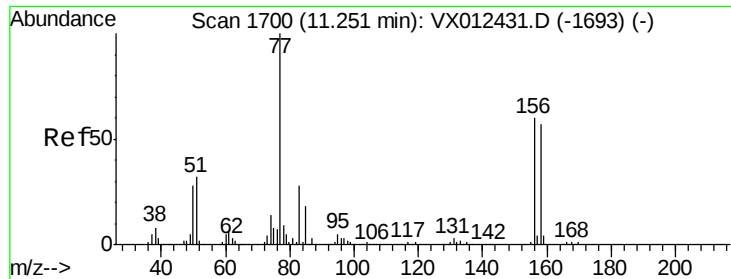
77 31.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.386 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

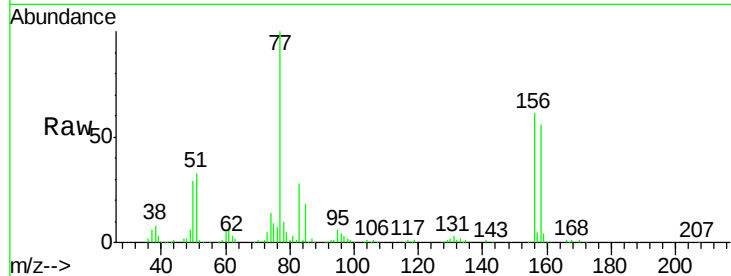
Tot Ion:156 Resp: 40281

Ion Ratio Lower Upper

156 100

77 174.3 87.3 261.8

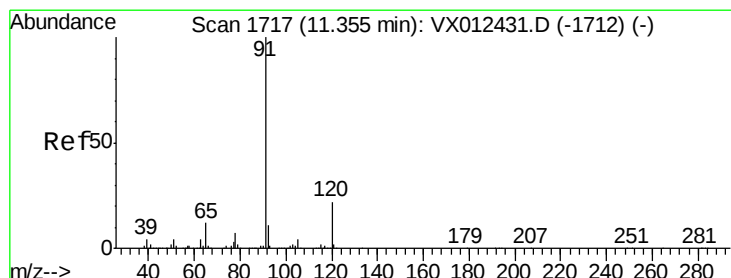
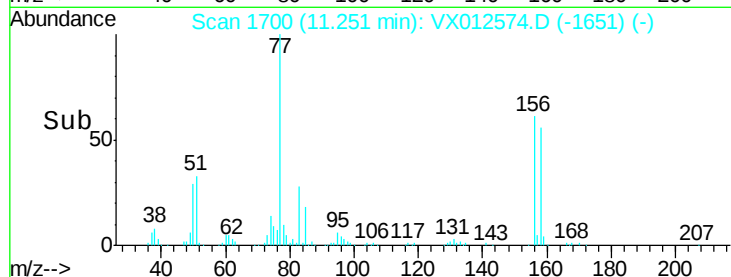
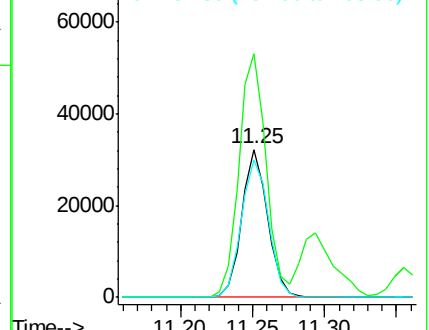
158 97.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.619 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012574.D

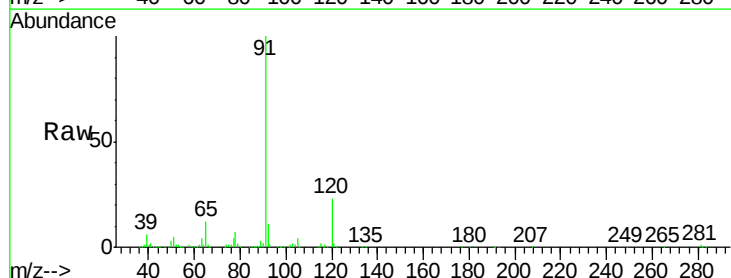
Acq: 20 Sep 2019 22:35

Tgt Ion: 91 Resp: 177478

Ion Ratio Lower Upper

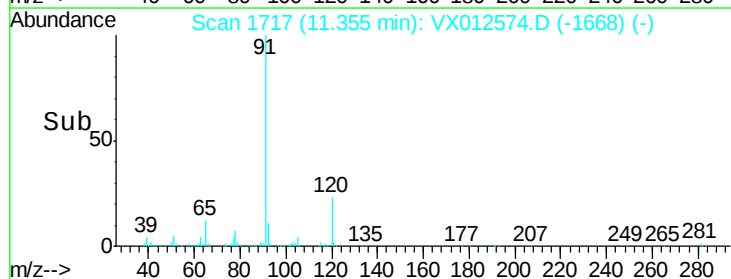
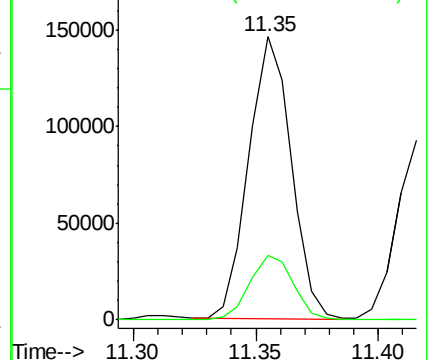
91 100

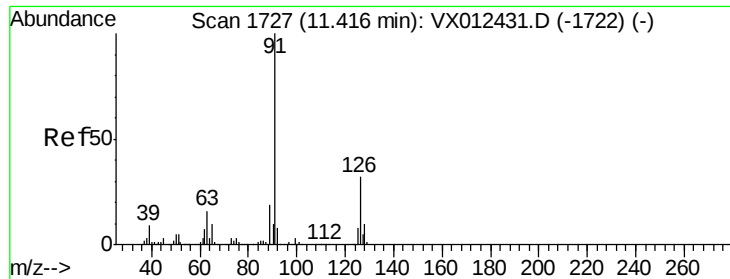
120 23.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

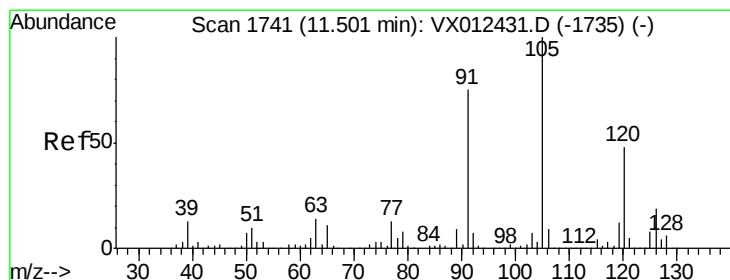
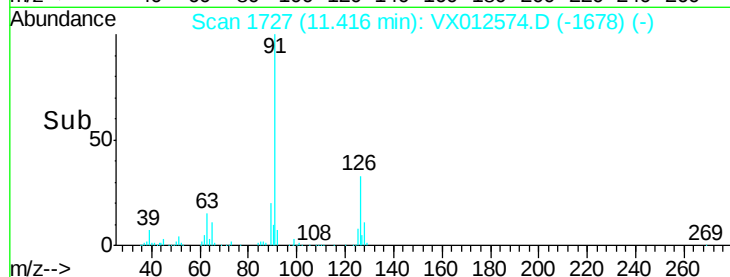
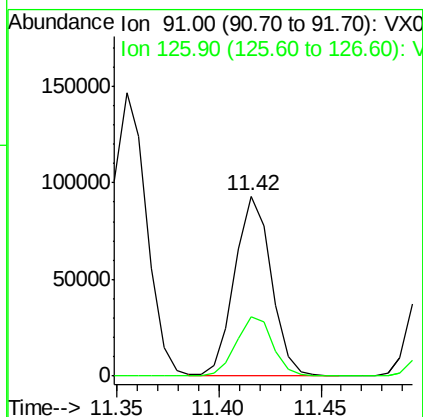
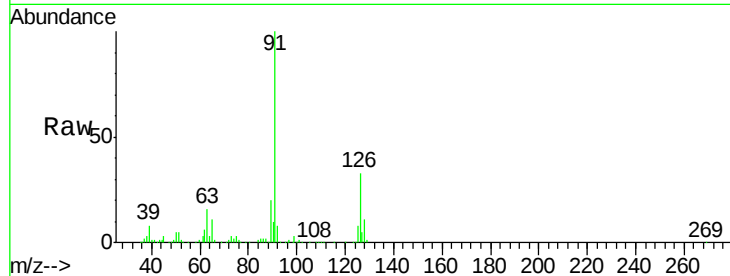




#79
 2-Chlorotoluene
 Concen: 20.563 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

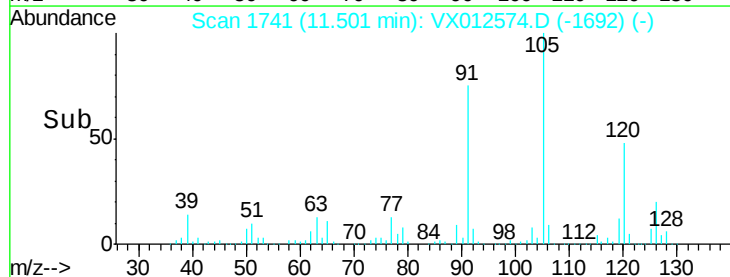
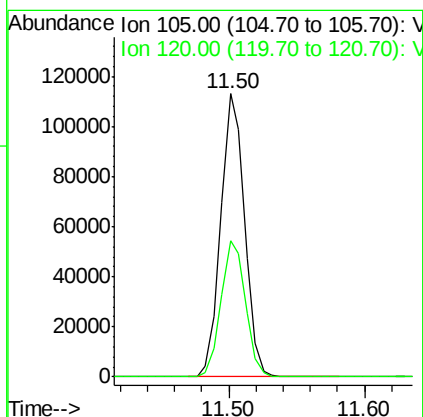
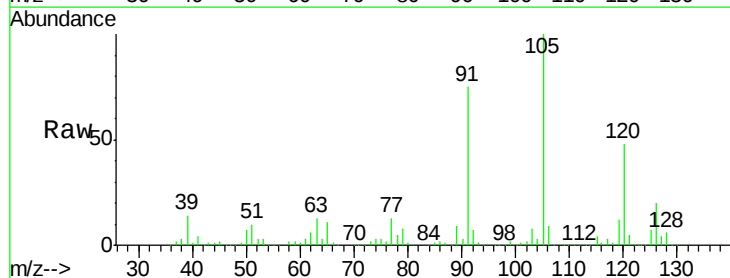
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS02

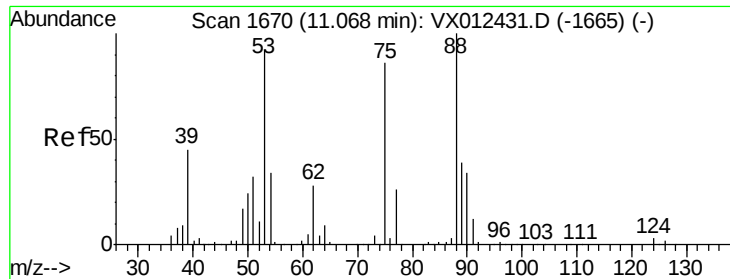
Tot Ion: 91 Resp: 115146
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.872 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Tgt Ion: 105 Resp: 137474
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.724 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

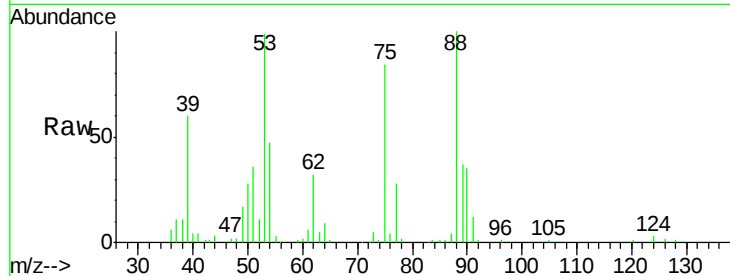
Tot Ion: 75 Resp: 16060

Ion Ratio Lower Upper

75 100

53 116.3 83.6 125.4

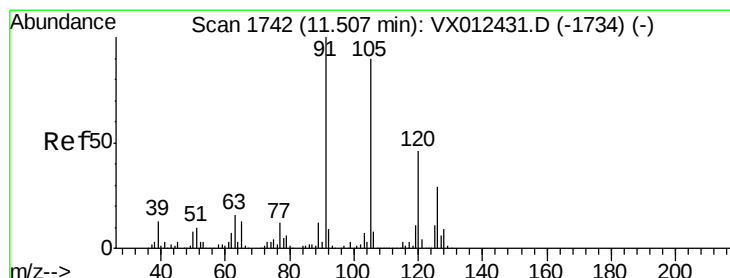
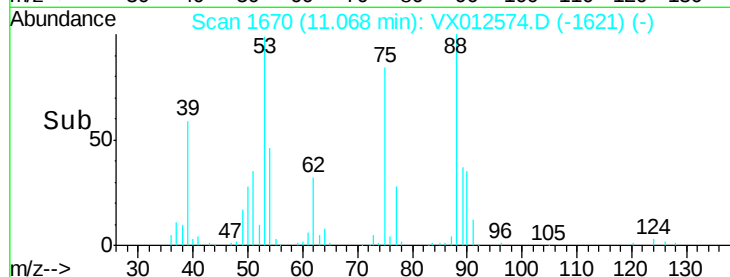
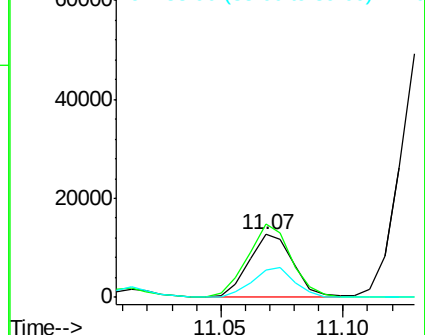
89 47.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.708 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012574.D

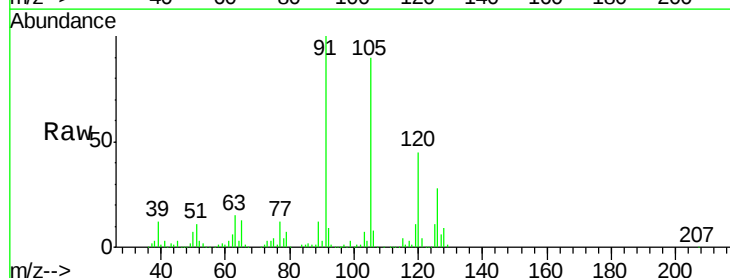
Acq: 20 Sep 2019 22:35

Tgt Ion: 91 Resp: 133088

Ion Ratio Lower Upper

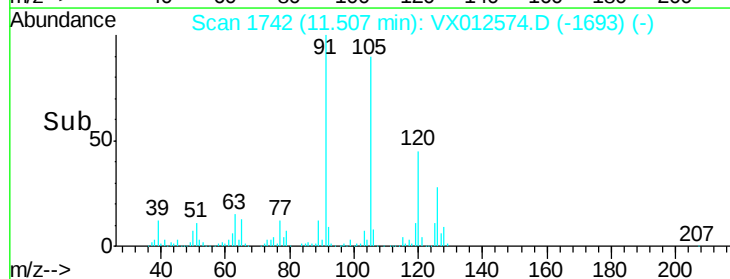
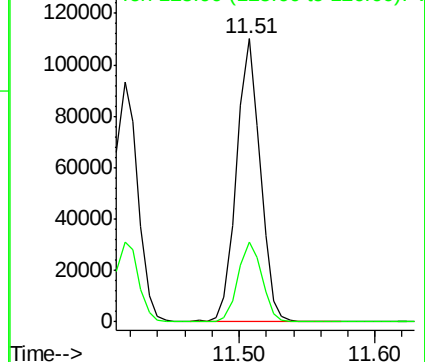
91 100

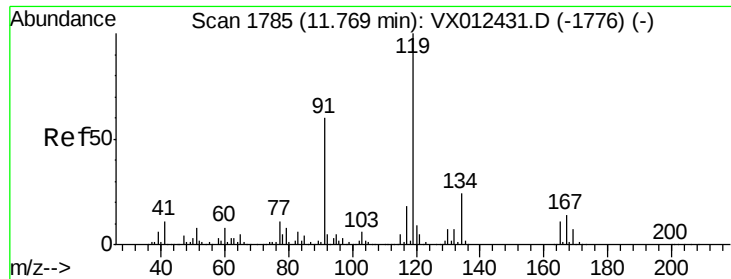
126 28.8 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

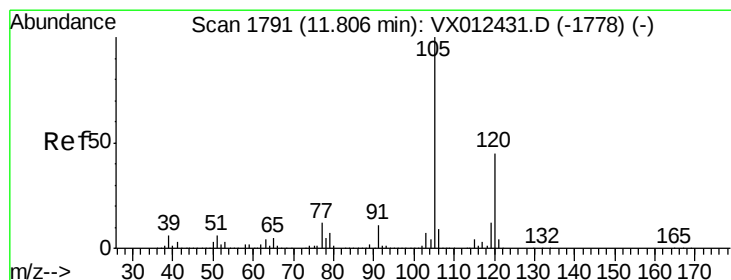
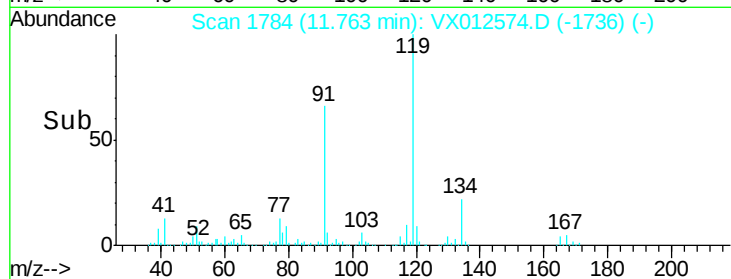
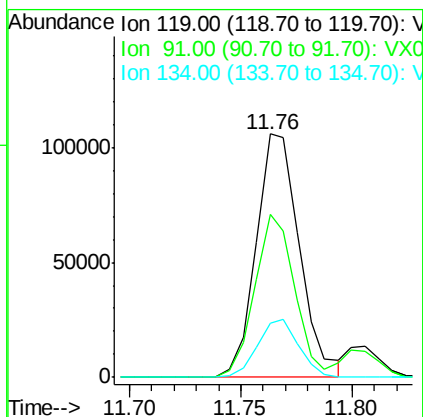
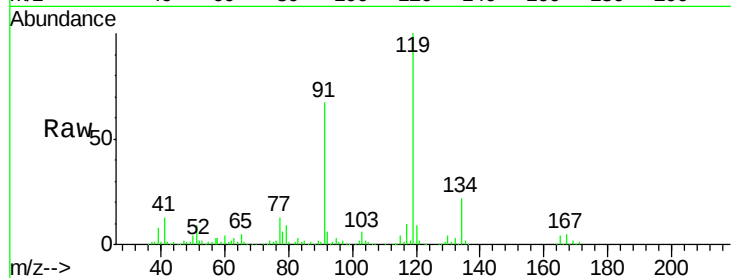




#83
 tert-Butylbenzene
 Concen: 20.360 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

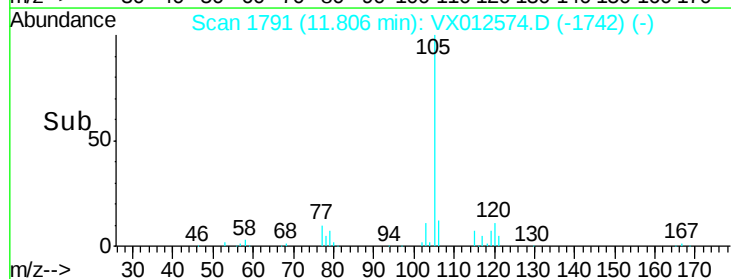
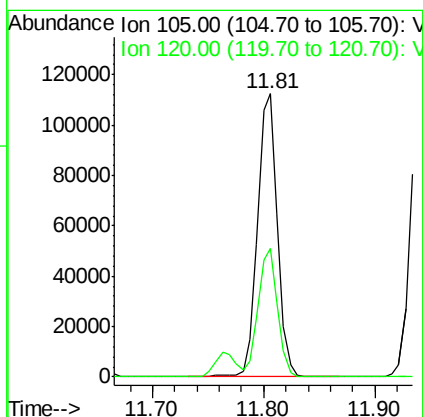
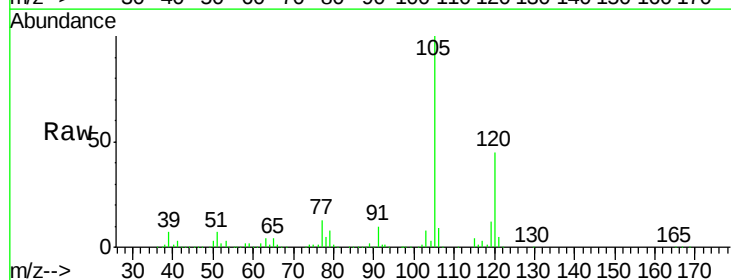
Instrument :
 MSVOA_X
 ClientSampled :
 VX0920WBS02

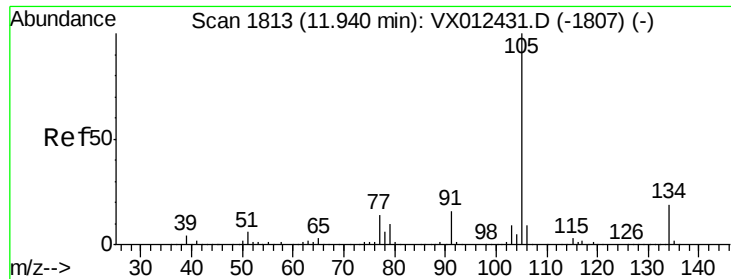
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	30.0	90.0
134	22.8	11.3	33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.753 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.2	66.6

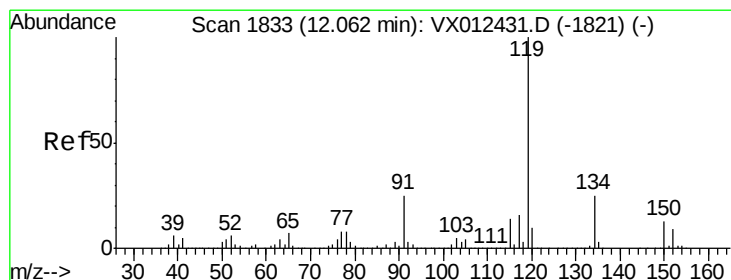
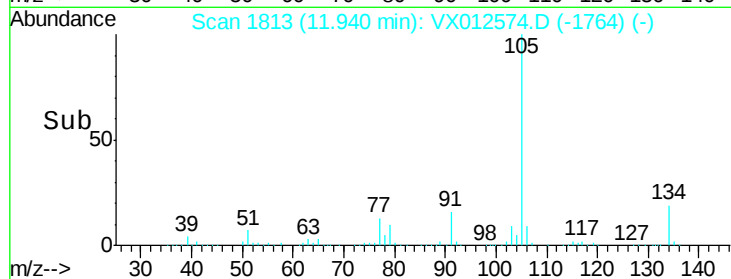
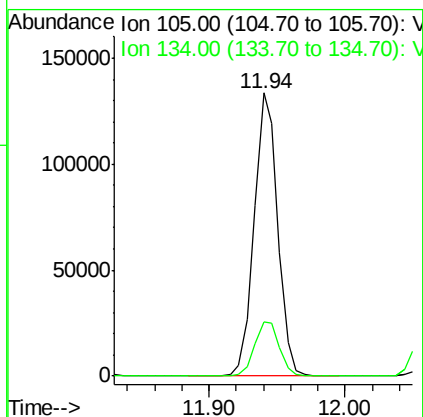
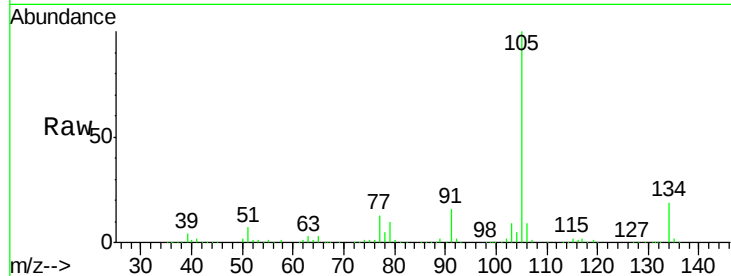




#85
 sec-Butylbenzene
 Concen: 20.914 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

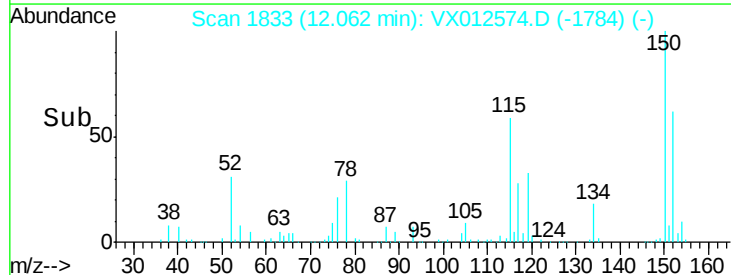
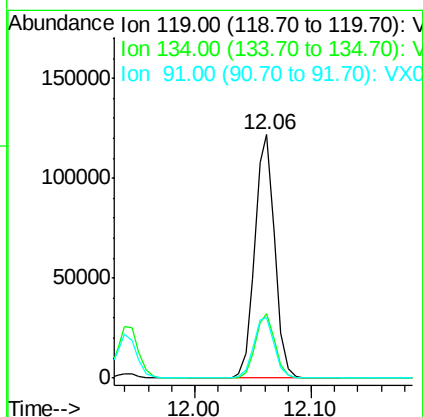
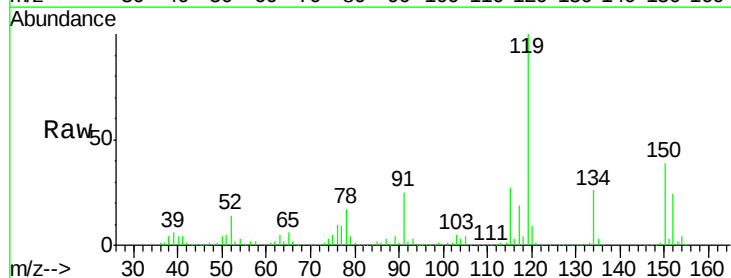
Instrument :
 MSVOA_X
 ClientSampled :
 VX0920WBS02

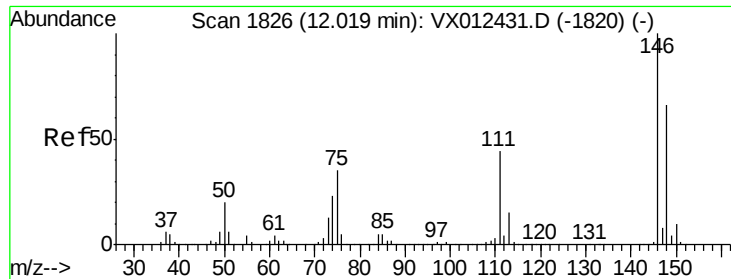
Tot Ion:105 Resp: 162654
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.292 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Tgt Ion:119 Resp: 144910
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.7 38.1
 91 25.8 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 21.070 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampled :

VX0920WBS02

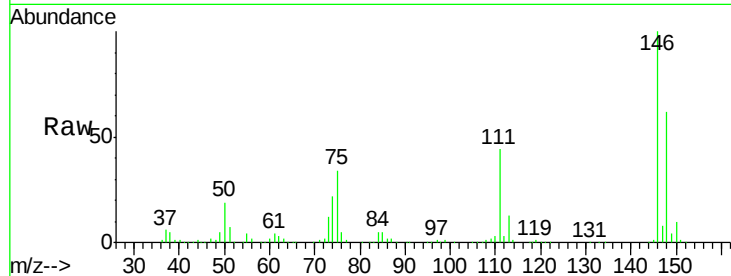
Tot Ion:146 Resp: 74651

Ion Ratio Lower Upper

146 100

111 42.1 21.3 64.0

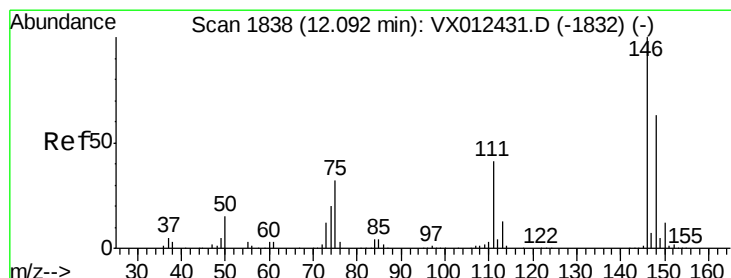
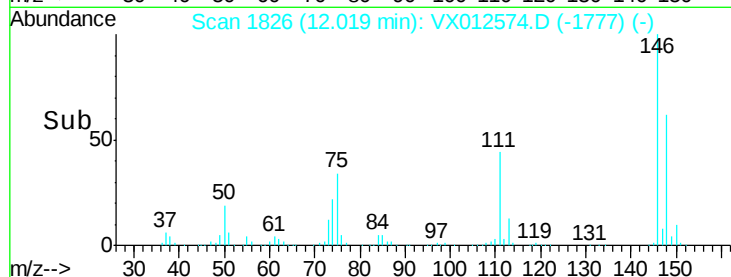
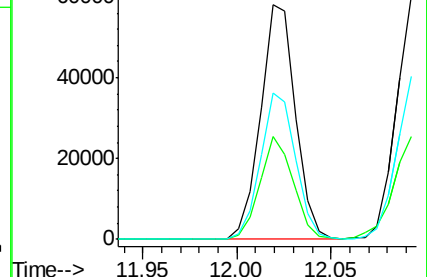
148 62.5 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.083 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

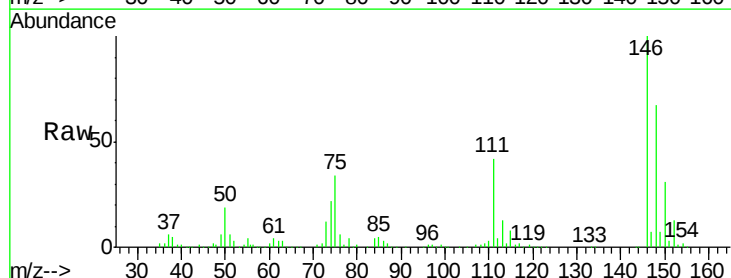
Tgt Ion:146 Resp: 73093

Ion Ratio Lower Upper

146 100

111 44.5 21.1 63.3

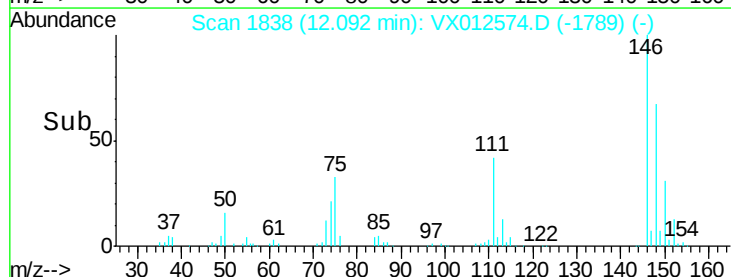
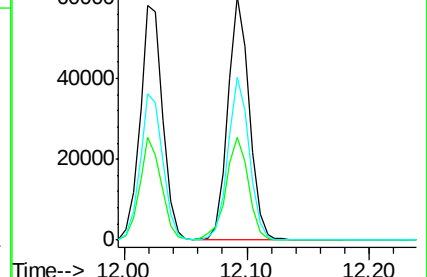
148 66.4 32.1 96.5

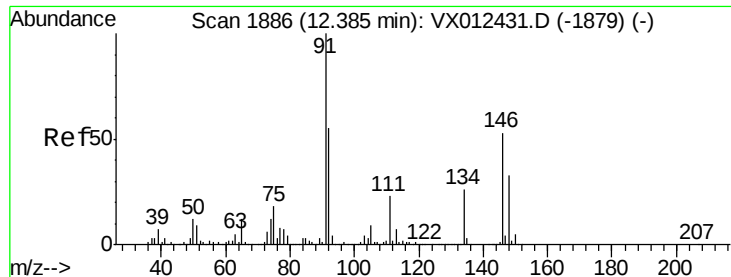


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.692 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

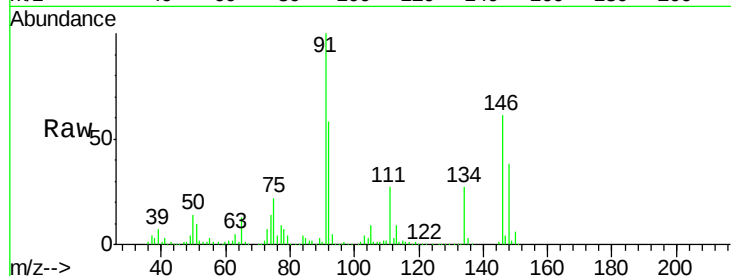
Tot Ion: 91 Resp: 119100

Ion Ratio Lower Upper

91 100

92 55.7 27.7 83.0

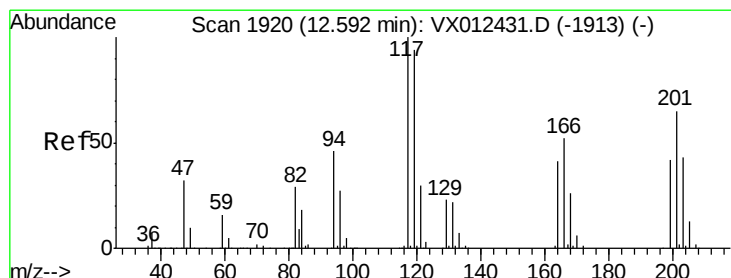
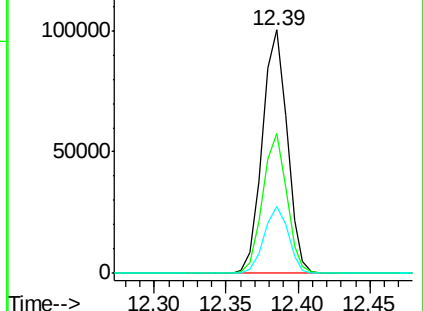
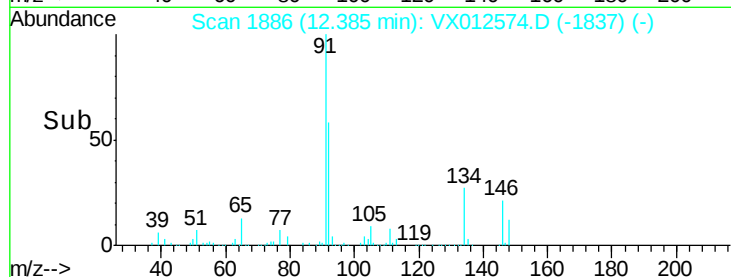
134 26.7 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.682 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012574.D

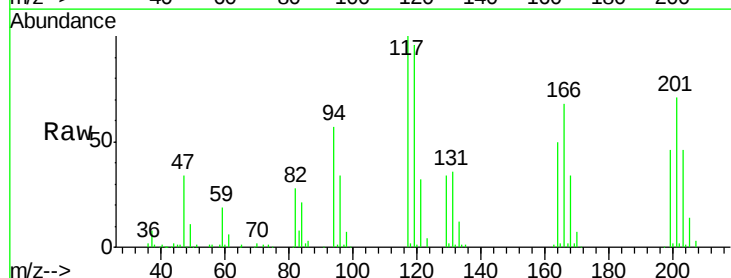
Acq: 20 Sep 2019 22:35

Tgt Ion: 117 Resp: 24463

Ion Ratio Lower Upper

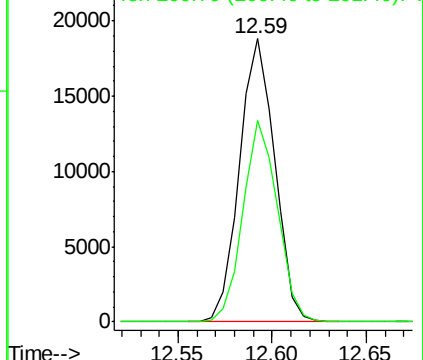
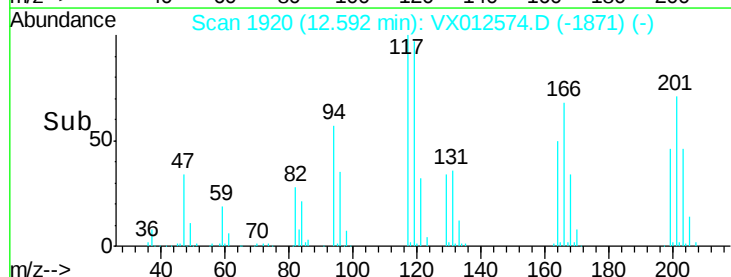
117 100

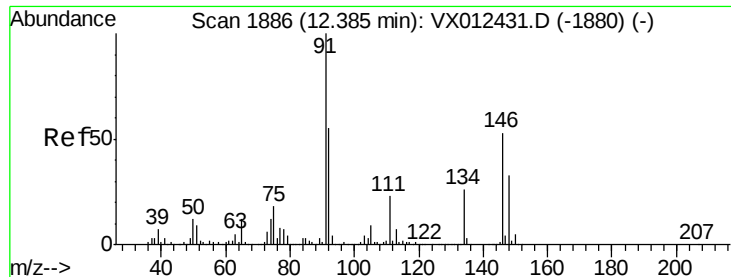
201 69.6 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.385 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

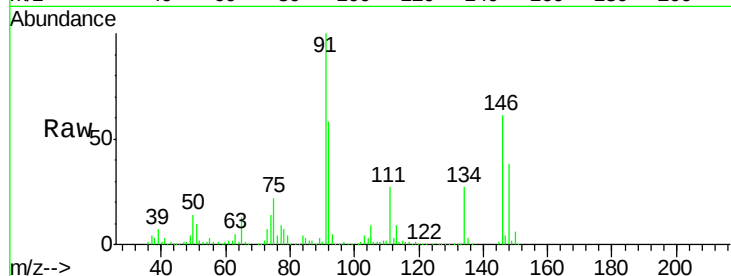
Tot Ion:146 Resp: 79192

Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.1

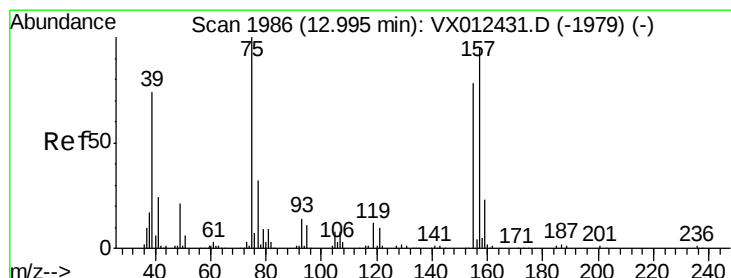
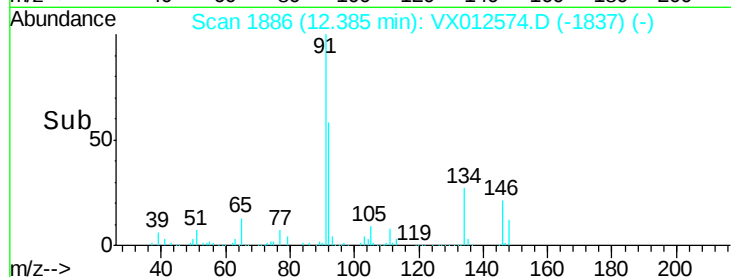
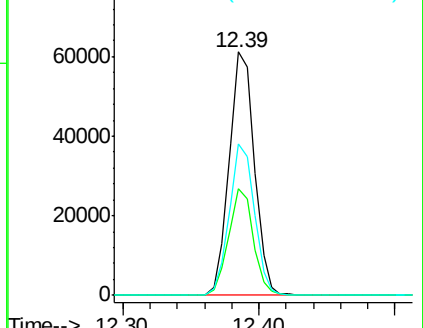
148 62.0 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.015 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

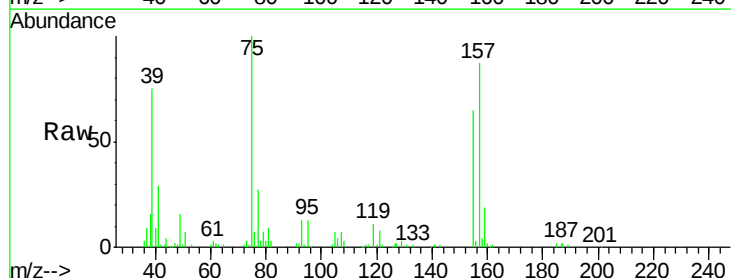
Tgt Ion: 75 Resp: 15720

Ion Ratio Lower Upper

75 100

155 73.3 38.6 115.8

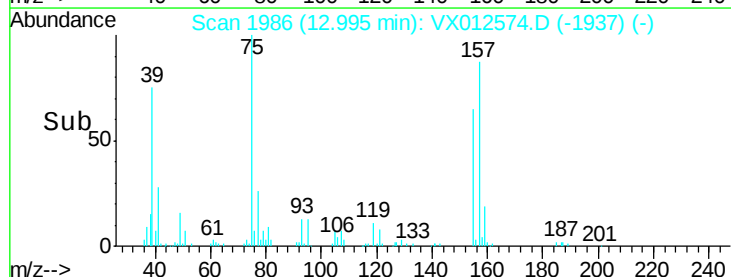
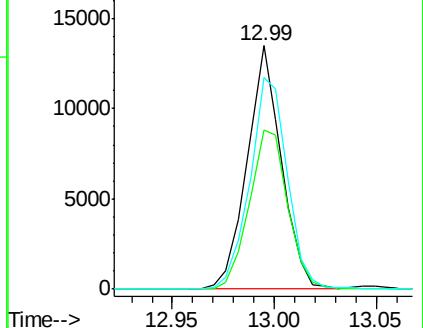
157 95.5 50.6 151.9

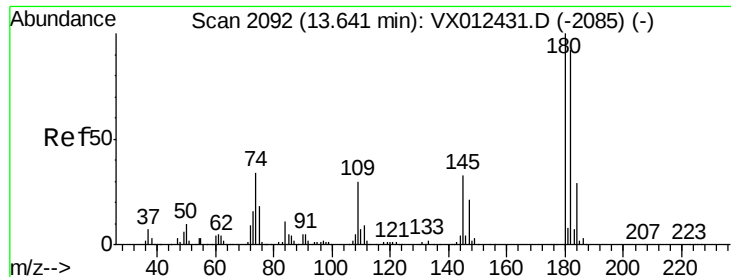


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

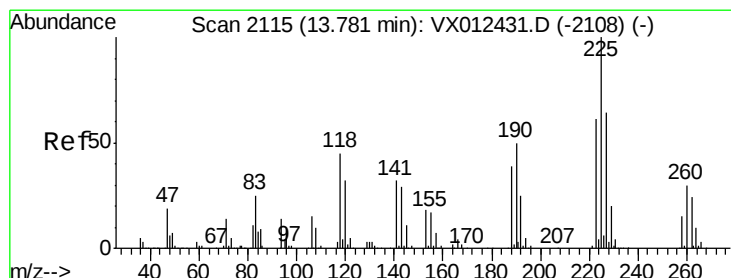
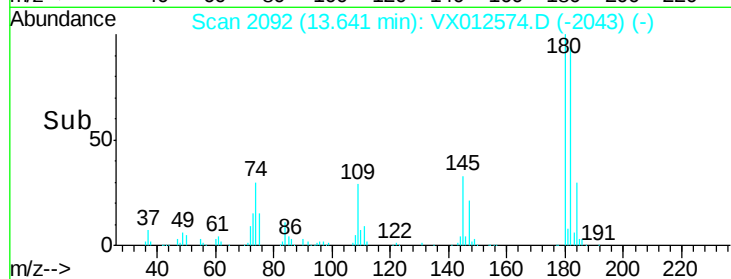
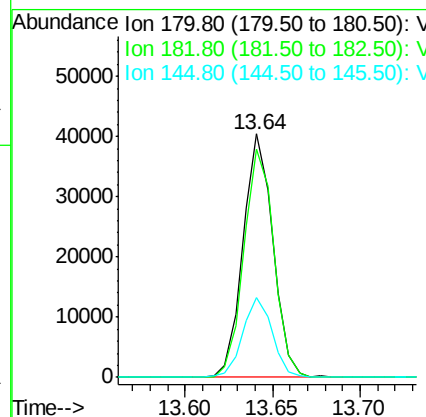
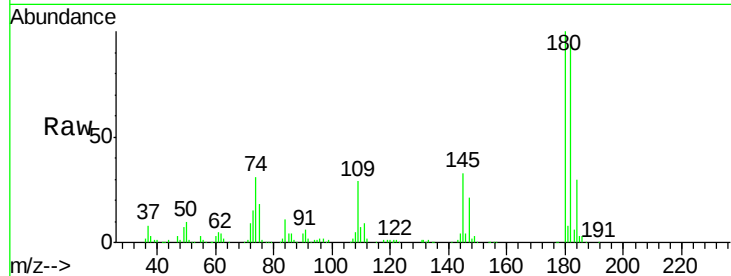




#93
 1,2,4-Trichlorobenzene
 Concen: 20.133 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

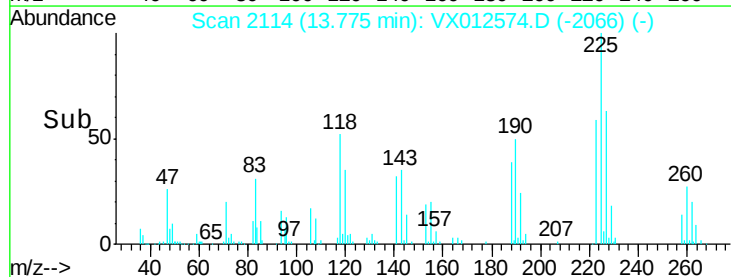
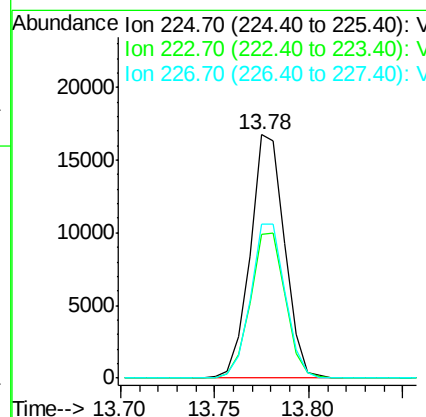
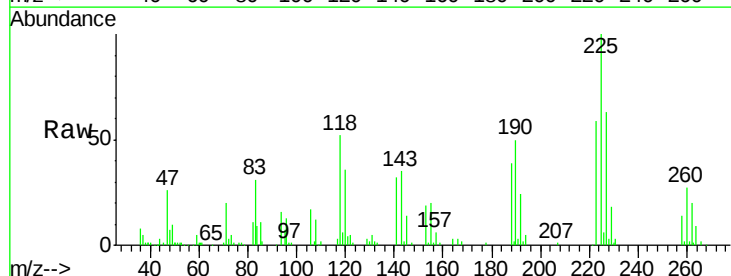
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS02

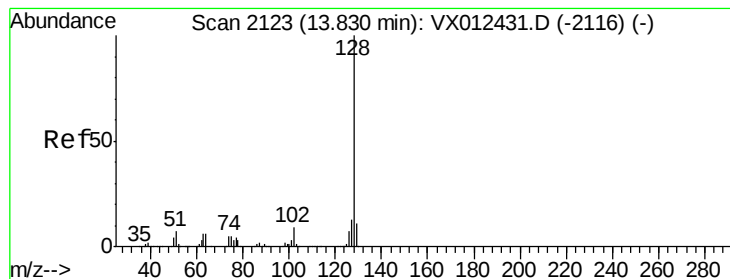
Tot Ion:180 Resp: 48021
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.0 141.0
 145 32.4 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 18.822 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012574.D
 Acq: 20 Sep 2019 22:35

Tgt Ion:225 Resp: 21160
 Ion Ratio Lower Upper
 225 100
 223 60.3 32.0 96.2
 227 63.6 31.9 95.5





#95

Naphthalene

Concen: 20.877 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS02

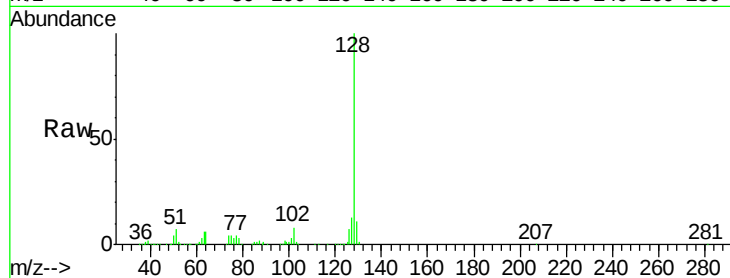
Tot Ion:128 Resp: 177191

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.8 13.2

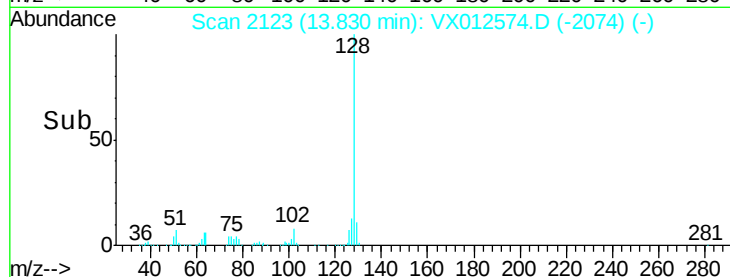


Abundance Ion 128.00 (127.70 to 128.70): V

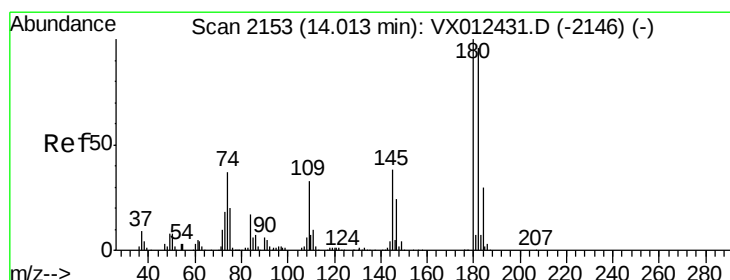
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.595 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012574.D

Acq: 20 Sep 2019 22:35

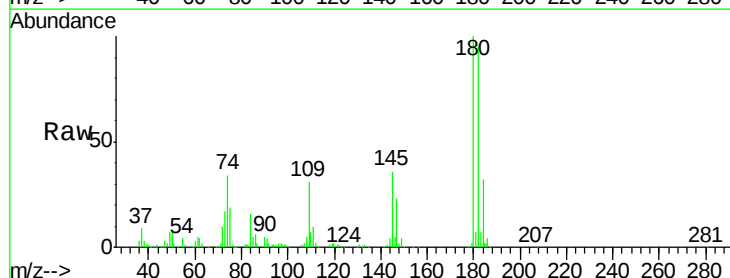
Tgt Ion:180 Resp: 50060

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 35.0 18.0 54.0

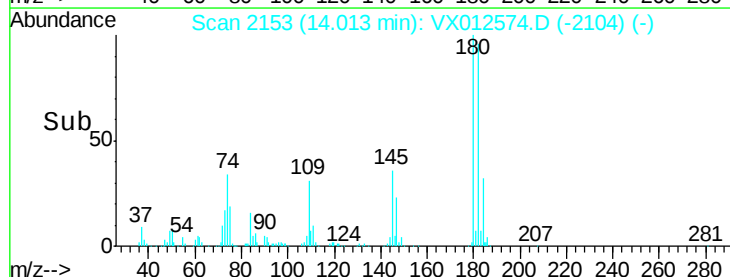


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.01



Time-->