

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012548.D
 Acq On : 20 Sep 2019 11:42
 Operator : JC/SP
 Sample : VX0920WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Quant Time: Sep 20 16:19:02 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	195045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	318502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	134629	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	135464	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	5.48	113	98745	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	8.71	98	368274	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.14	95	146297	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	23302	18.158	ug/l	99
3) Chloromethane	1.32	50	19647	18.322	ug/l	97
4) Vinyl Chloride	1.40	62	21254	18.339	ug/l	95
5) Bromomethane	1.63	94	9524	20.917	ug/l	89
6) Chloroethane	1.71	64	15826	17.450	ug/l	98
7) Trichlorofluoromethane	1.92	101	40504	19.065	ug/l	100
8) Diethyl Ether	2.17	74	17054	17.772	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28590	18.599	ug/l	99
10) Methyl Iodide	2.50	142	19874	18.170	ug/l	97
11) Tert butyl alcohol	3.03	59	59094	79.353	ug/l	99
12) 1,1-Dichloroethene	2.36	96	23241	18.953	ug/l	99
13) Acrolein	2.28	56	21309	85.707	ug/l	96
14) Allyl chloride	2.72	41	50904	17.830	ug/l	97
15) Acrylonitrile	3.13	53	106395	87.832	ug/l	100
16) Acetone	2.43	43	118259	87.410	ug/l	100
17) Carbon Disulfide	2.56	76	26673	16.631	ug/l	95
18) Methyl Acetate	2.76	43	52209	17.923	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	123630	18.491	ug/l	97
20) Methylene Chloride	2.84	84	30934	18.285	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	24057	18.892	ug/l	96
22) Diisopropyl ether	3.84	45	120566	18.037	ug/l	# 87
23) Vinyl Acetate	3.80	43	493925	89.825	ug/l	99
24) 1,1-Dichloroethane	3.69	63	59344	18.555	ug/l	98
25) 2-Butanone	4.66	43	165663	85.435	ug/l	99
26) 2,2-Dichloropropane	4.57	77	54314	17.267	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	34778	18.283	ug/l	99
28) Bromochloromethane	5.00	49	30482	18.487	ug/l	94
29) Tetrahydrofuran	5.11	42	94075	87.821	ug/l	99
30) Chloroform	5.20	83	65935	17.951	ug/l	94
31) Cyclohexane	5.57	56	35998	18.645	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	54994	17.913	ug/l	100
36) 1,1-Dichloropropene	5.79	75	34323	17.732	ug/l	94
37) Ethyl Acetate	4.82	43	56514	19.020	ug/l	99
38) Carbon Tetrachloride	5.78	117	42867	17.806	ug/l	96

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 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)
39) Methylcyclohexane	7.46	83	37279	19.811	ug/l	94
40) Benzene	6.13	78	117933	19.159	ug/l	98
41) Methacrylonitrile	5.03	41	33389	17.452	ug/l	98
42) 1,2-Dichloroethane	6.18	62	53321	18.676	ug/l	100
43) Isopropyl Acetate	6.43	43	96410	18.078	ug/l	100
44) Trichloroethene	7.20	130	31905	19.704	ug/l	91
45) 1,2-Dichloropropane	7.50	63	34978	18.496	ug/l	98
46) Dibromomethane	7.65	93	22567	18.440	ug/l	99
47) Bromodichloromethane	7.89	83	49087	18.014	ug/l	99
48) Methyl methacrylate	7.76	41	44694	17.779	ug/l	99
49) 1,4-Dioxane	7.73	88	21192	346.366	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	320165	91.546	ug/l	100
52) Toluene	8.78	92	77704	19.591	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	51924	18.332	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	55410	18.896	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38285	18.735	ug/l	98
56) Ethyl methacrylate	9.17	69	58796	18.403	ug/l	98
57) 1,3-Dichloropropane	9.37	76	61261	18.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	167753	101.433	ug/l	98
59) 2-Hexanone	9.48	43	242622	88.922	ug/l	99
60) Dibromochloromethane	9.58	129	38416	18.456	ug/l	100
61) 1,2-Dibromoethane	9.67	107	36023	19.302	ug/l	97
64) Tetrachloroethene	9.33	164	31127	23.994	ug/l	94
65) Chlorobenzene	10.14	112	91770	19.640	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	36512	18.828	ug/l	99
67) Ethyl Benzene	10.25	91	155905	19.420	ug/l	99
68) m/p-Xylenes	10.35	106	116406	39.852	ug/l	98
69) o-Xylene	10.70	106	59603	19.842	ug/l	99
70) Styrene	10.71	104	103704	19.512	ug/l	99
71) Bromoform	10.85	173	25840	17.457	ug/l #	99
73) Isopropylbenzene	11.01	105	166019	19.654	ug/l	99
74) N-amyl acetate	10.89	43	83335	18.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62068	18.731	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69945	22.617	ug/l	88
77) Bromobenzene	11.25	156	39918	19.377	ug/l	100
78) n-propylbenzene	11.35	91	181021	19.227	ug/l	99
79) 2-Chlorotoluene	11.42	91	117437	19.174	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	141812	19.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17086	17.324	ug/l	91
82) 4-Chlorotoluene	11.51	91	135583	19.288	ug/l	100
83) tert-Butylbenzene	11.76	119	143329	18.567	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	144132	19.485	ug/l	99
85) sec-Butylbenzene	11.94	105	165574	19.465	ug/l	99
86) p-Isopropyltoluene	12.06	119	150204	19.230	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75689	19.531	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	76545	19.229	ug/l	98
89) n-Butylbenzene	12.39	91	127604	18.310	ug/l	99
90) Hexachloroethane	12.59	117	24997	17.454	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	77166	19.052	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15061	17.532	ug/l	97

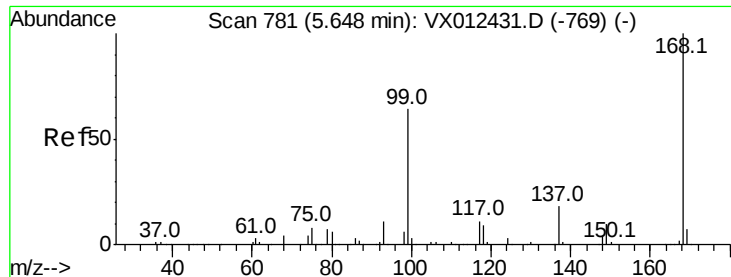
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48921	18.752	ug/l	97
94) Hexachlorobutadiene	13.78	225	22052	17.934	ug/l	97
95) Naphthalene	13.83	128	177367	19.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	51105	19.223	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

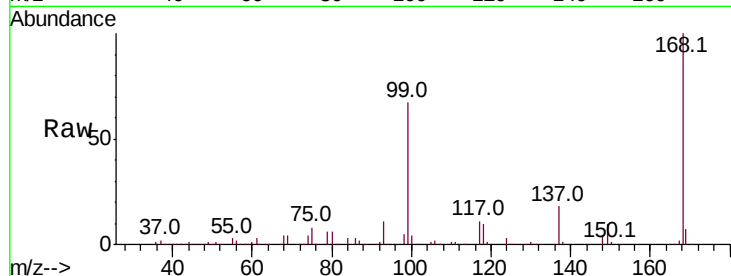
VX0920WBS01

Tot Ion:168 Resp: 195045

Ion Ratio Lower Upper

168 100

99 66.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

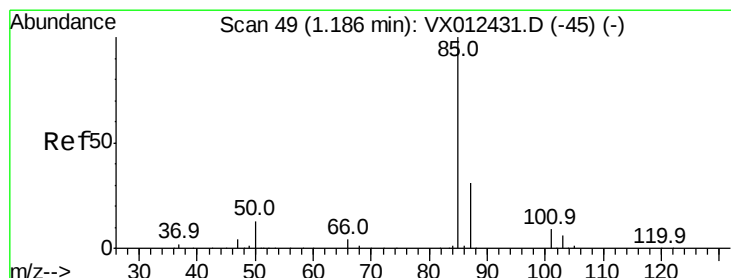
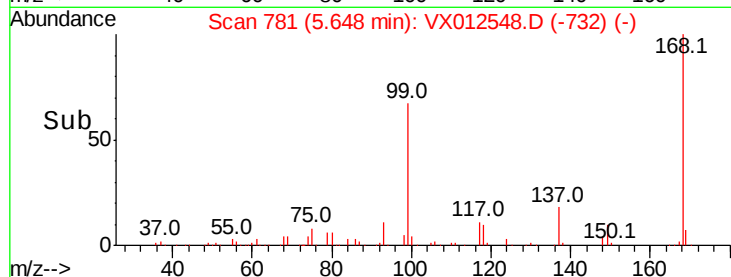
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.158 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012548.D

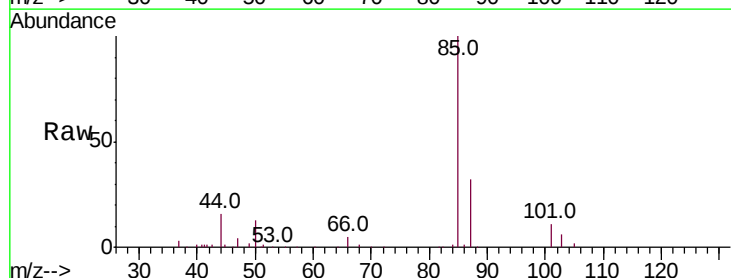
Acq: 20 Sep 2019 11:42

Tgt Ion: 85 Resp: 23302

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

25000

20000

15000

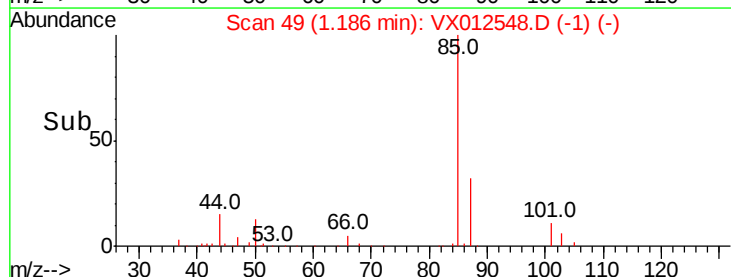
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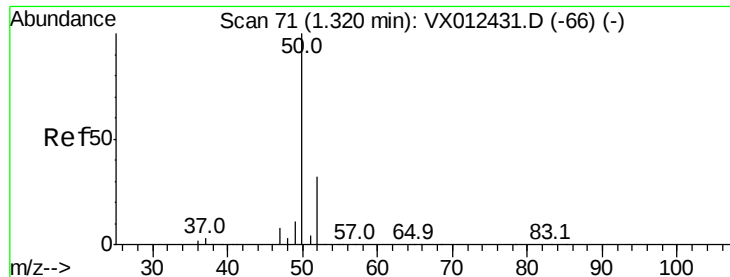
5000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.322 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

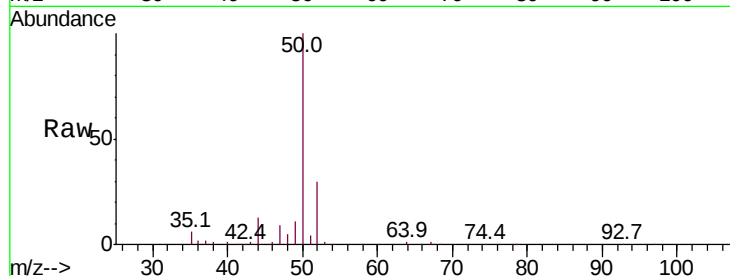
VX0920WBS01

Tot Ion: 50 Resp: 19647

Ion Ratio Lower Upper

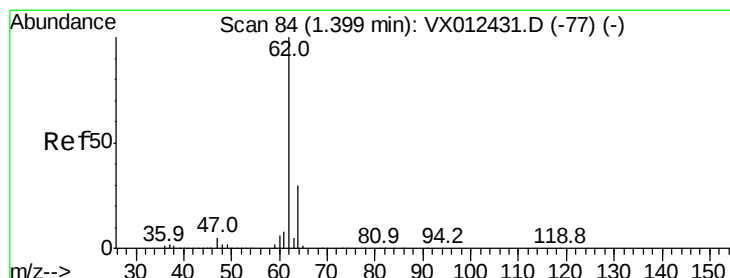
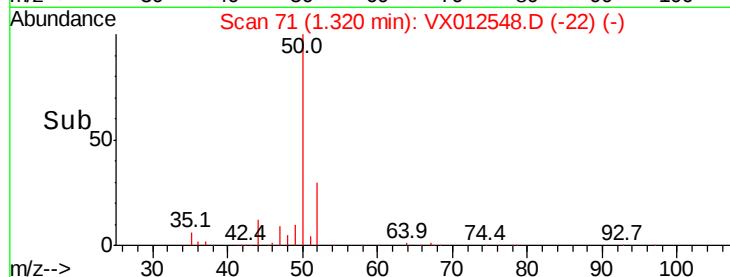
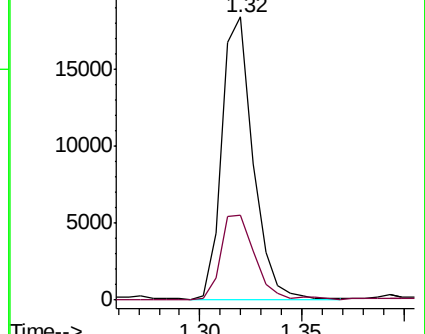
50 100

52 30.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.339 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012548.D

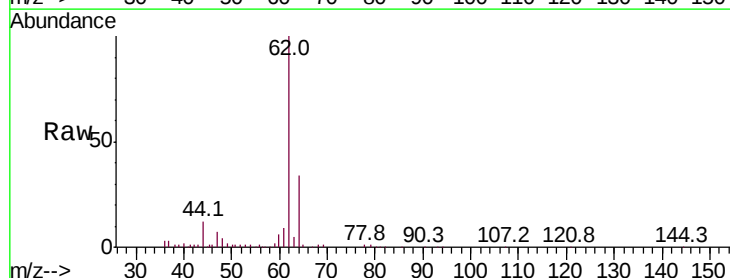
Acq: 20 Sep 2019 11:42

Tgt Ion: 62 Resp: 21254

Ion Ratio Lower Upper

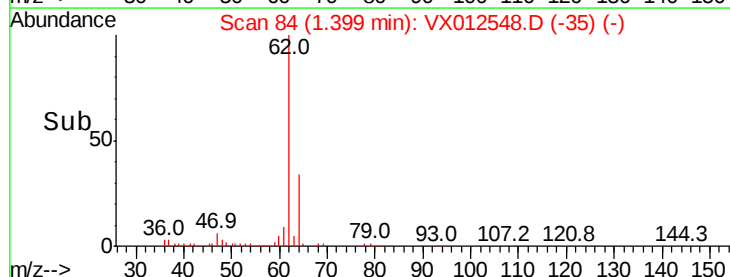
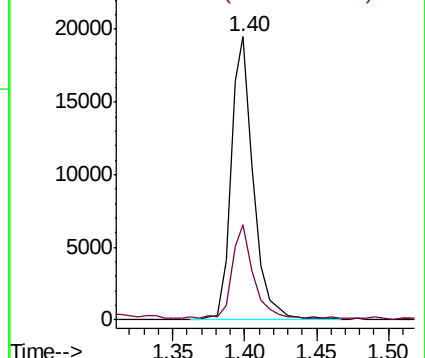
62 100

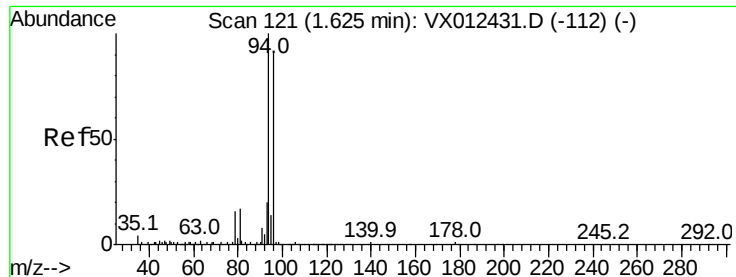
64 33.1 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.917 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

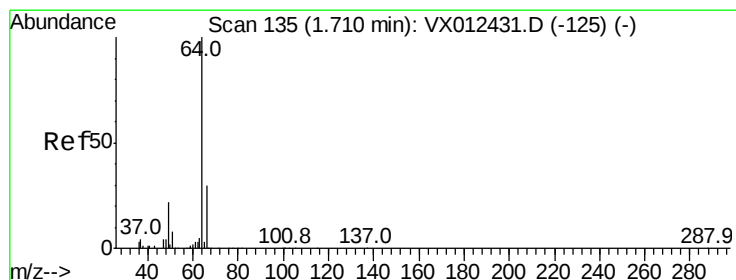
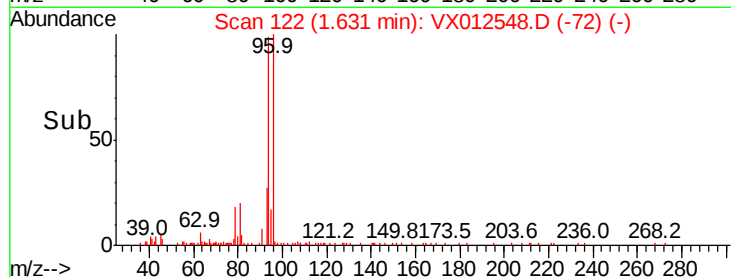
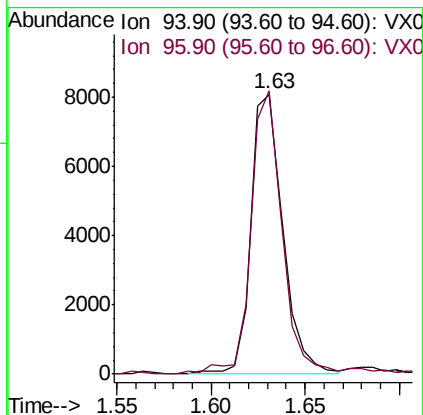
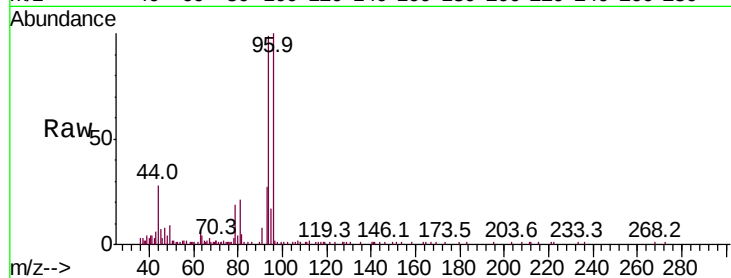
VX0920WBS01

Tot Ion: 94 Resp: 9524

Ion Ratio Lower Upper

94 100

96 101.2 72.8 109.2



#6

Chloroethane

Concen: 17.450 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012548.D

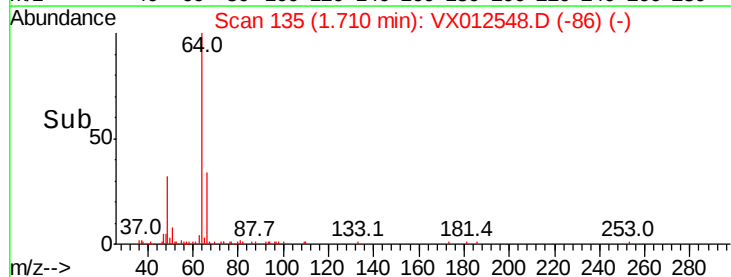
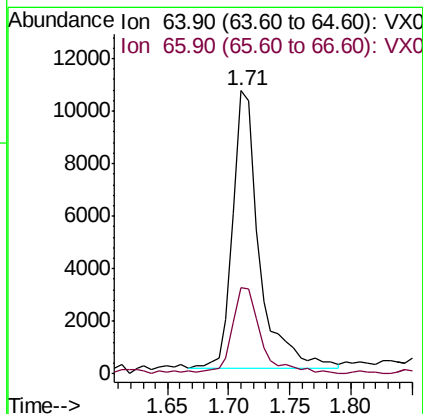
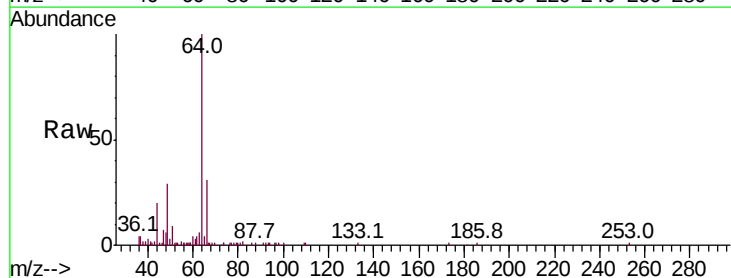
Acq: 20 Sep 2019 11:42

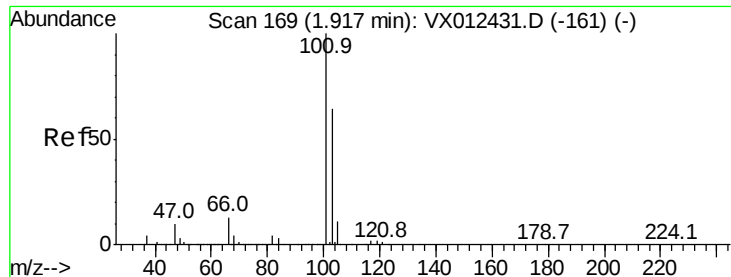
Tgt Ion: 64 Resp: 15826

Ion Ratio Lower Upper

64 100

66 31.2 24.0 36.0



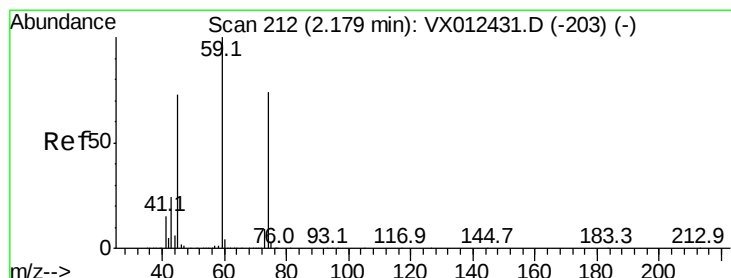
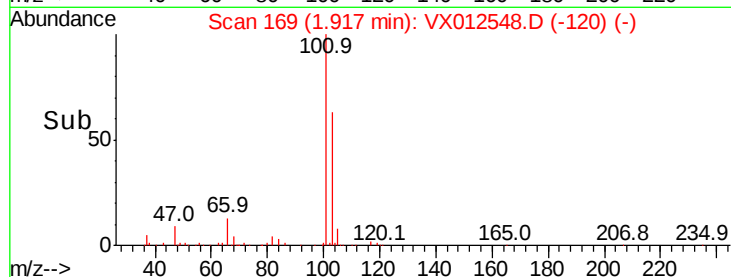
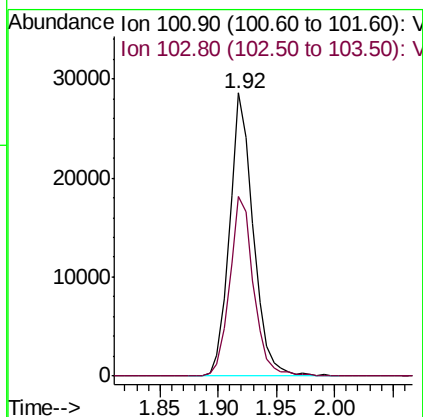
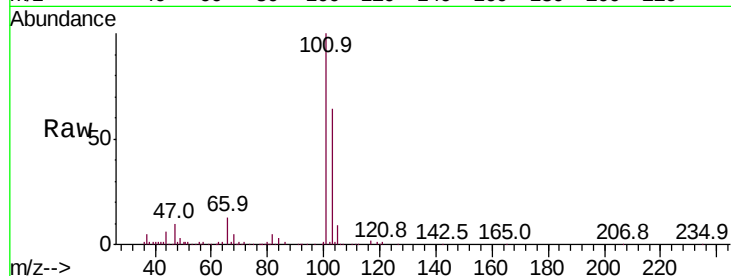


#7

Trichlorofluoromethane
Concen: 19.065 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

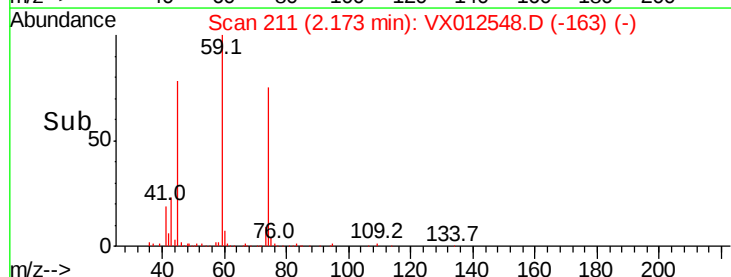
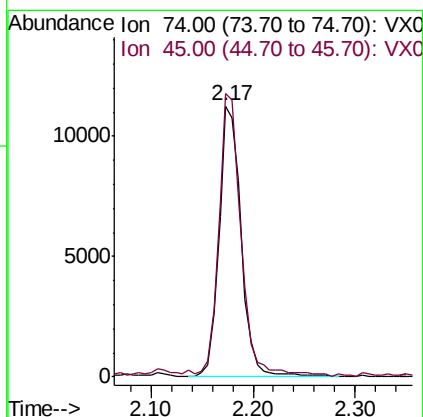
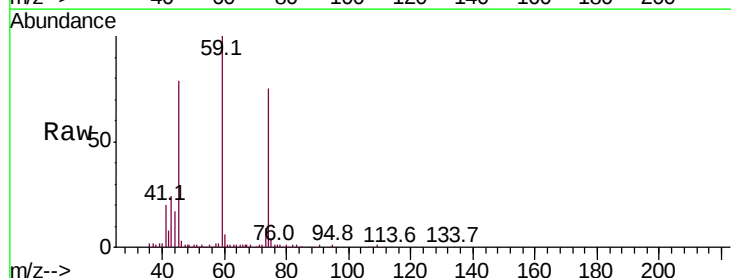
Tot Ion:101 Resp: 40504
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.4

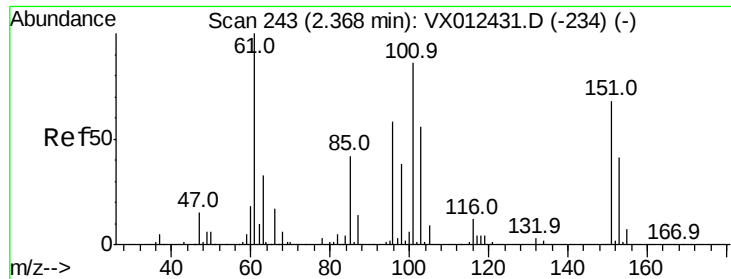


#8

Diethyl Ether
Concen: 17.772 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion: 74 Resp: 17054
Ion Ratio Lower Upper
74 100
45 108.1 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.599 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

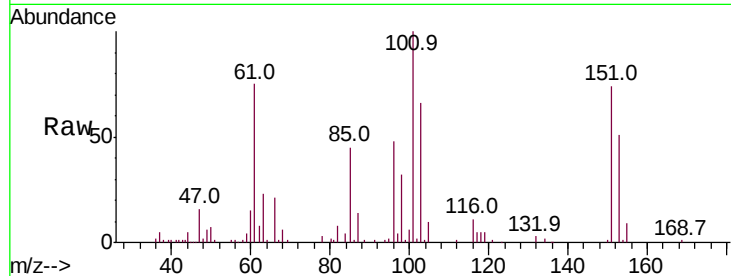
Tot Ion:101 Resp: 28590

Ion Ratio Lower Upper

101 100

85 48.6 37.3 55.9

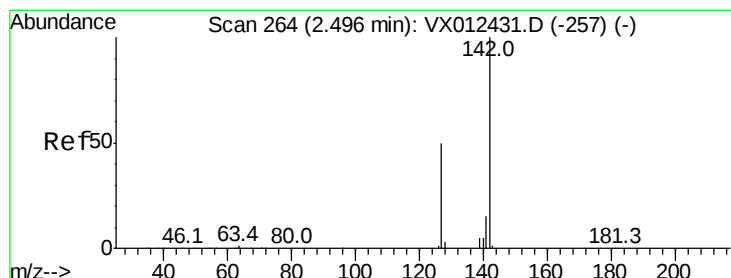
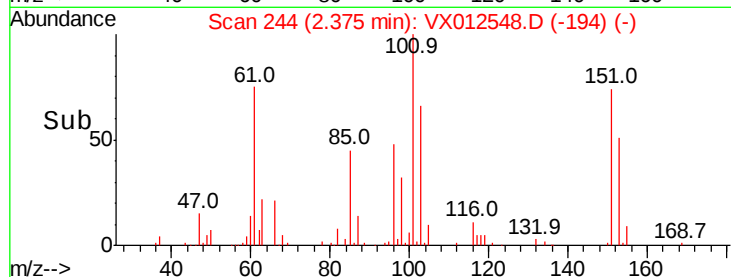
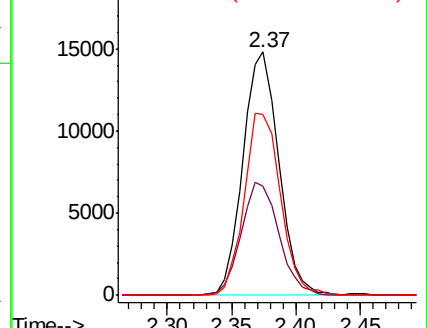
151 75.7 61.0 91.4



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: 18.170 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

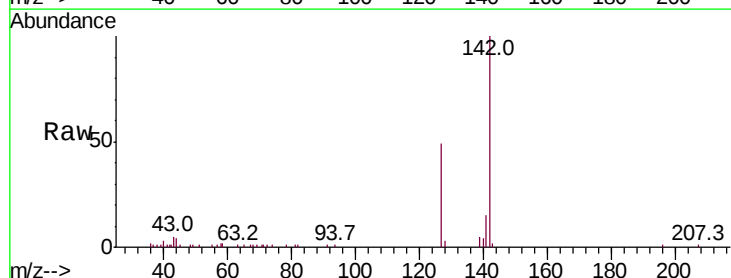
Tgt Ion:142 Resp: 19874

Ion Ratio Lower Upper

142 100

127 48.5 40.8 61.2

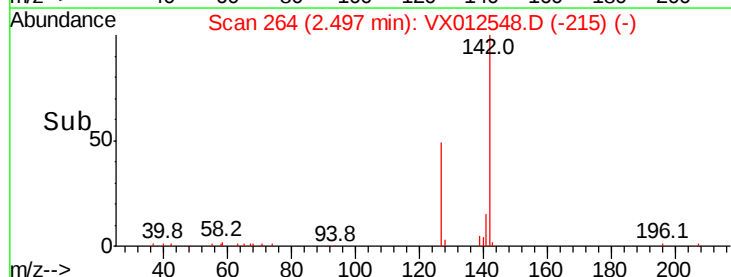
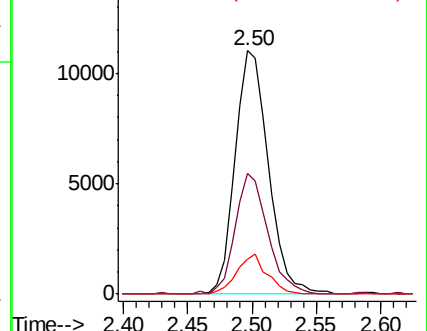
141 14.8 12.1 18.1

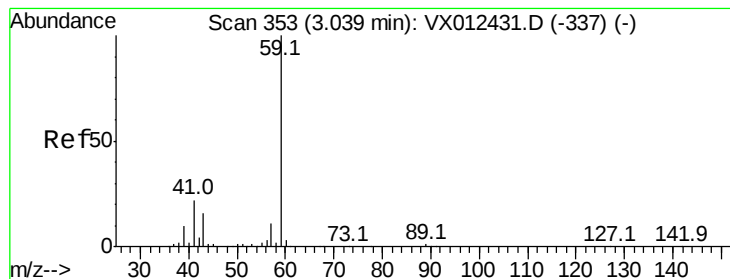


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



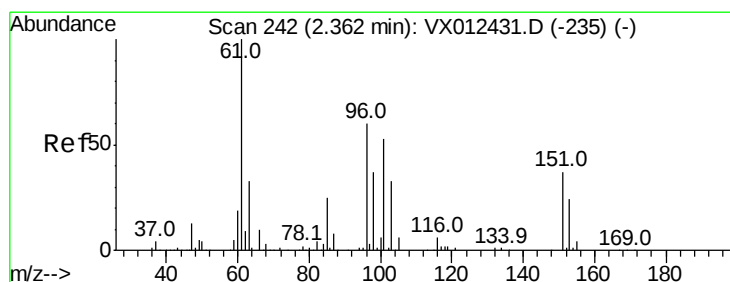
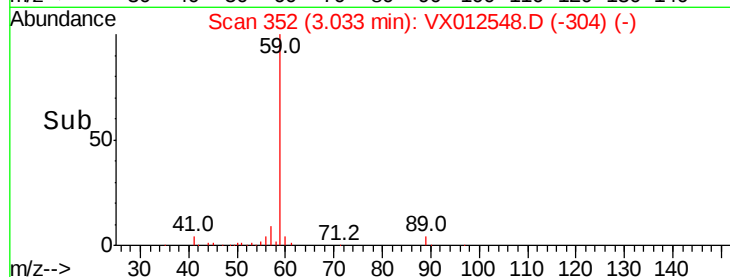
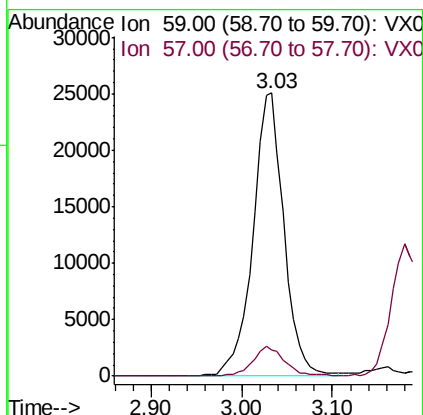
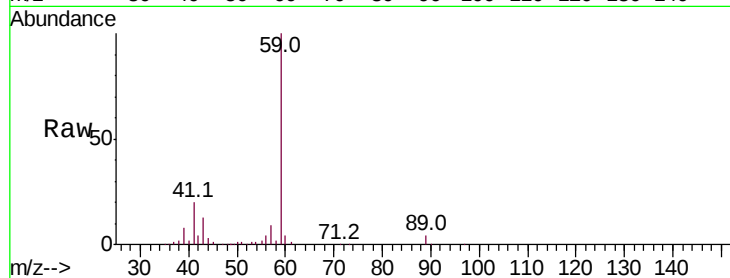


#11

Tert butyl alcohol
 Concen: 79.353 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

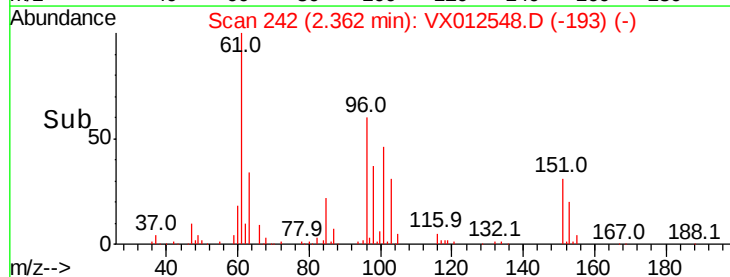
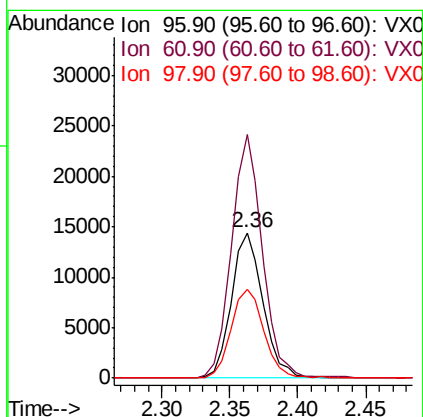
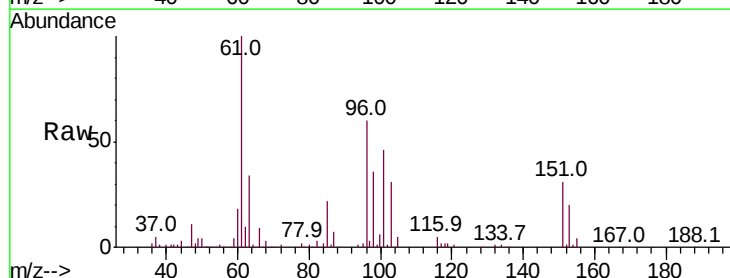
Tot Ion: 59 Resp: 59094
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5

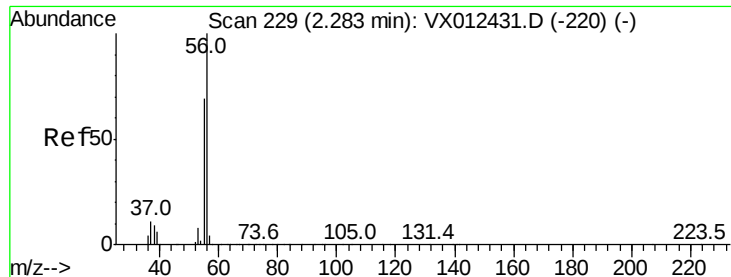


#12

1,1-Dichloroethene
 Concen: 18.953 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion: 96 Resp: 23241
 Ion Ratio Lower Upper
 96 100
 61 167.5 133.8 200.6
 98 61.1 49.9 74.9





#13

Acrolein

Concen: 85.707 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

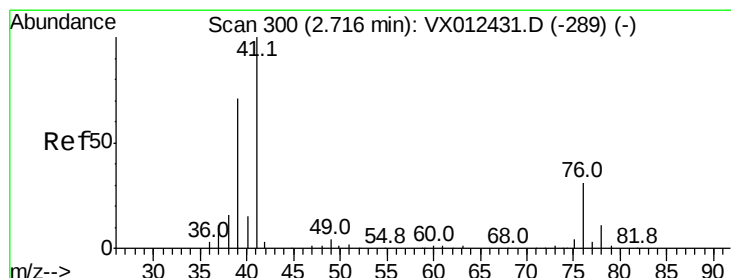
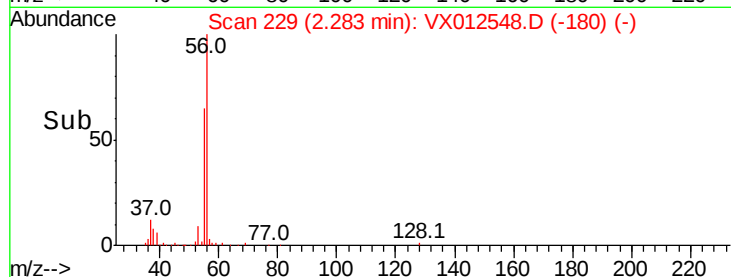
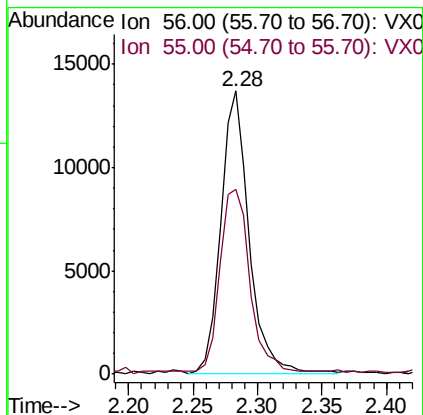
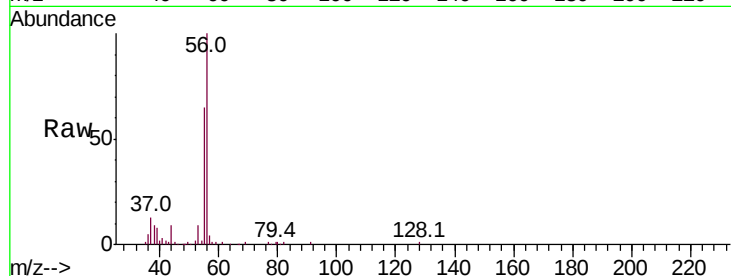
VX0920WBS01

Tot Ion: 56 Resp: 21309

Ion Ratio Lower Upper

56 100

55 66.7 55.8 83.8



#14

Allyl chloride

Concen: 17.830 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

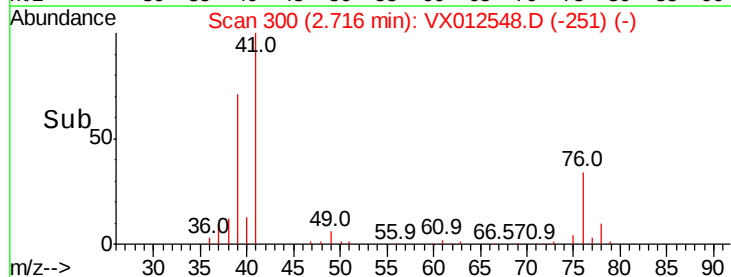
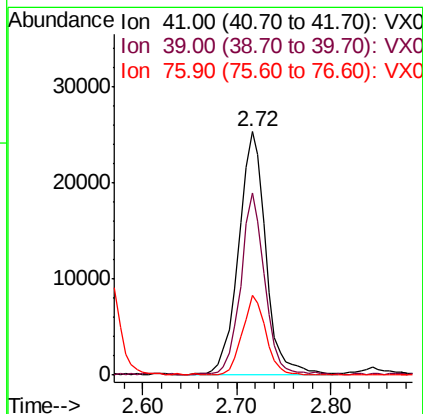
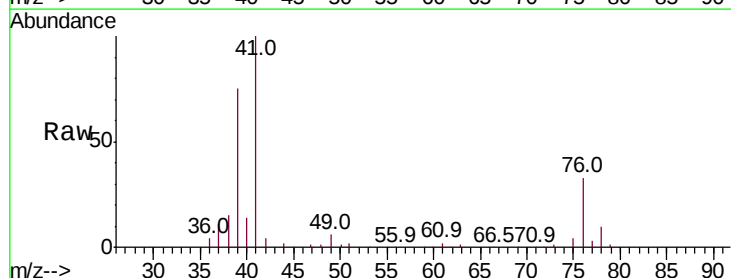
Tgt Ion: 41 Resp: 50904

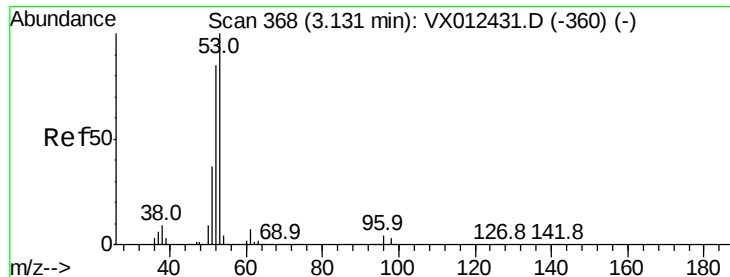
Ion Ratio Lower Upper

41 100

39 66.9 51.3 76.9

76 28.3 22.6 33.8





#15

Acrylonitrile

Concen: 87.832 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

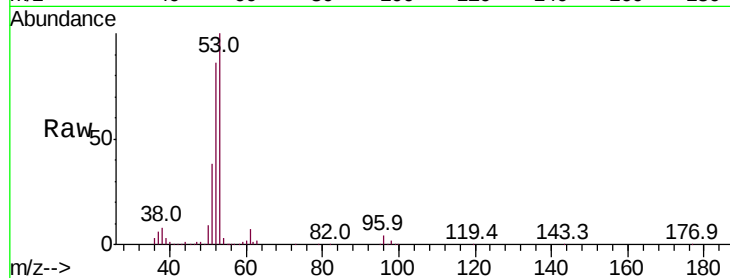
Tot Ion: 53 Resp: 106395

Ion Ratio Lower Upper

53 100

52 83.7 67.0 100.4

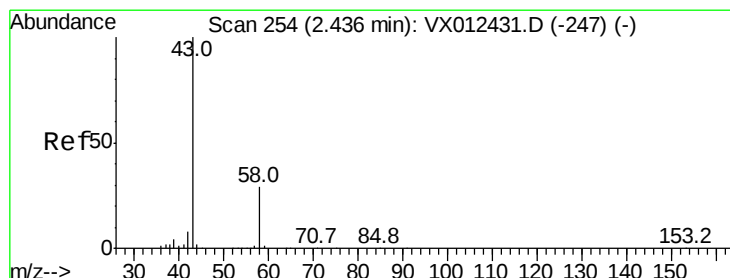
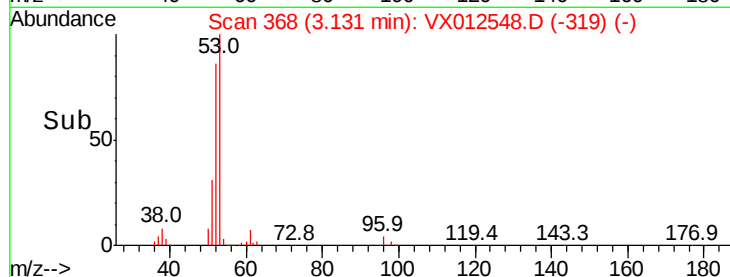
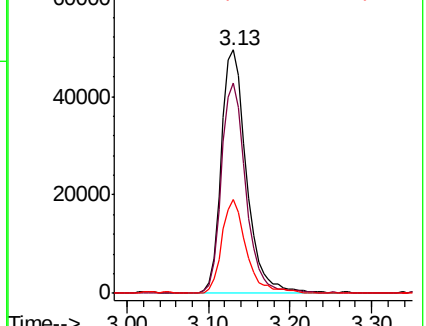
51 37.1 29.6 44.4



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: 87.410 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012548.D

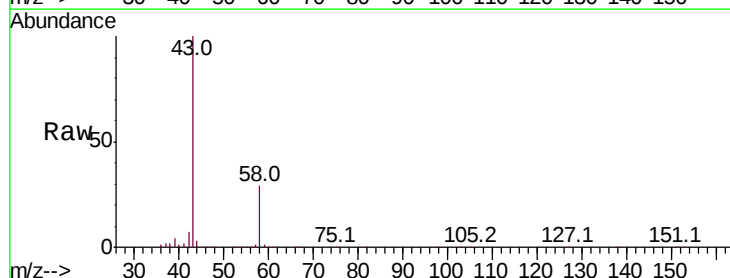
Acq: 20 Sep 2019 11:42

Tgt Ion: 43 Resp: 118259

Ion Ratio Lower Upper

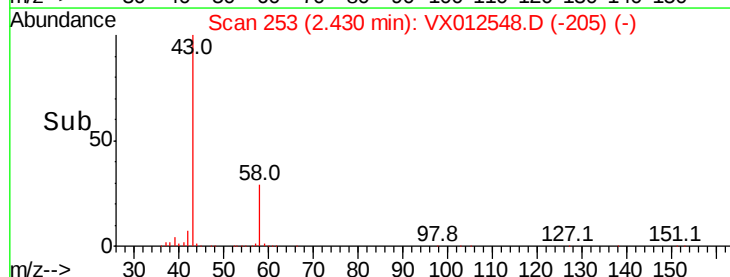
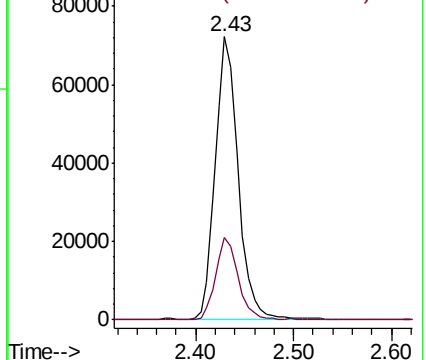
43 100

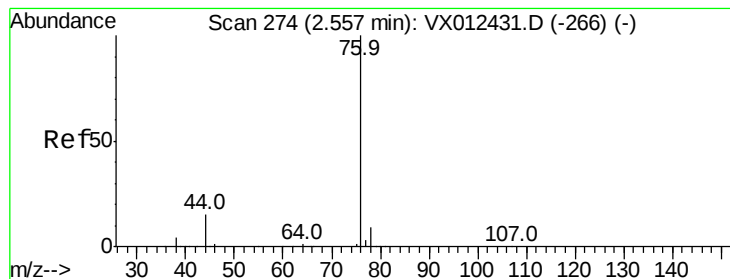
58 29.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.631 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

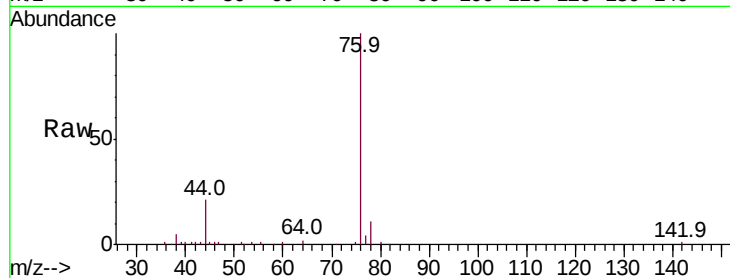
VX0920WBS01

Tot Ion: 76 Resp: 26673

Ion Ratio Lower Upper

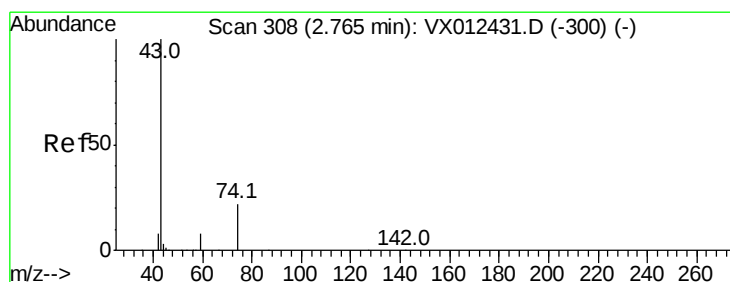
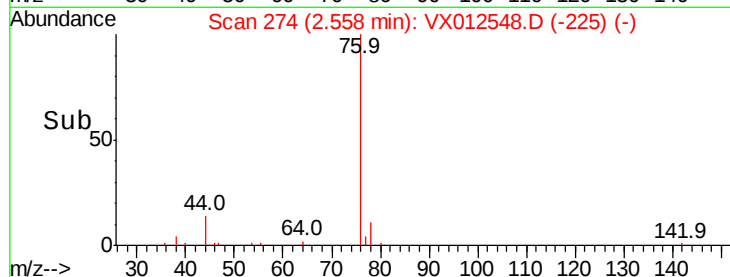
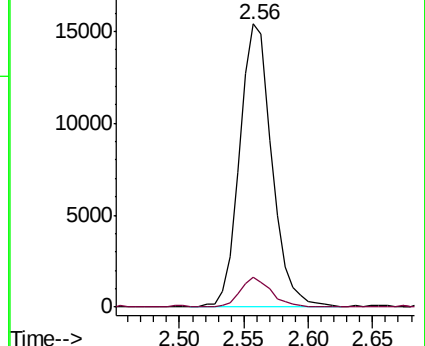
76 100

78 10.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.923 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012548.D

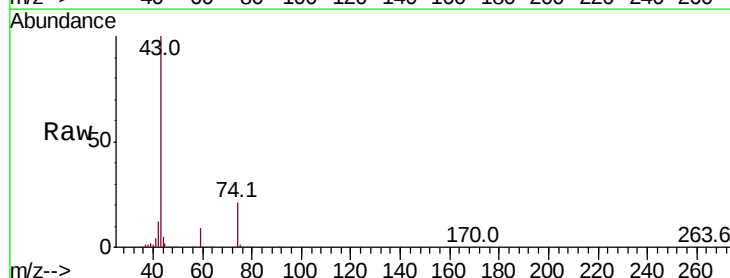
Acq: 20 Sep 2019 11:42

Tgt Ion: 43 Resp: 52209

Ion Ratio Lower Upper

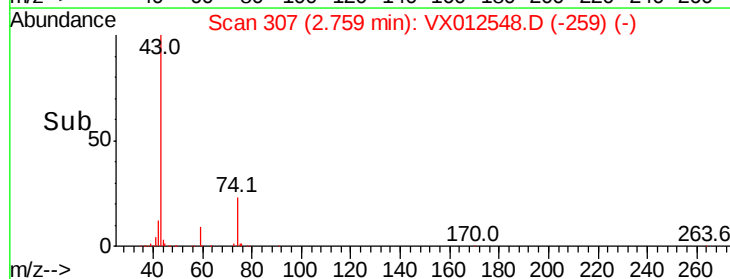
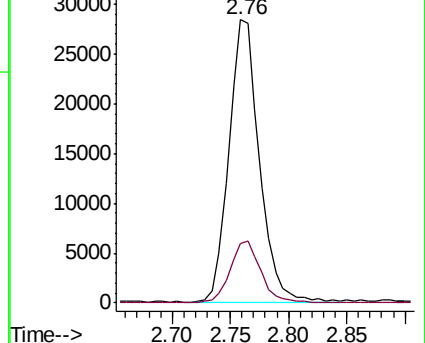
43 100

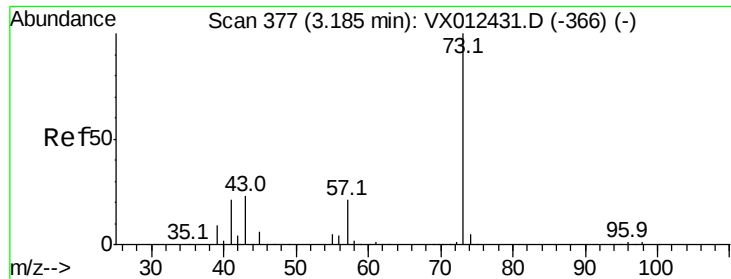
74 21.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 18.491 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

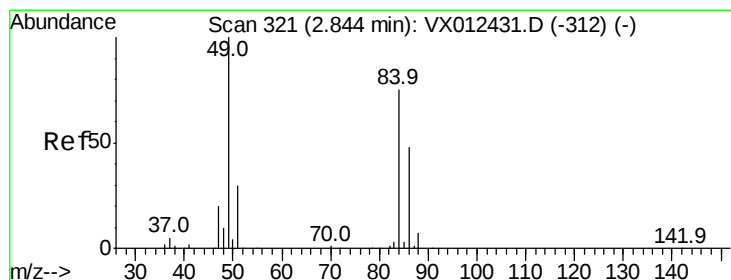
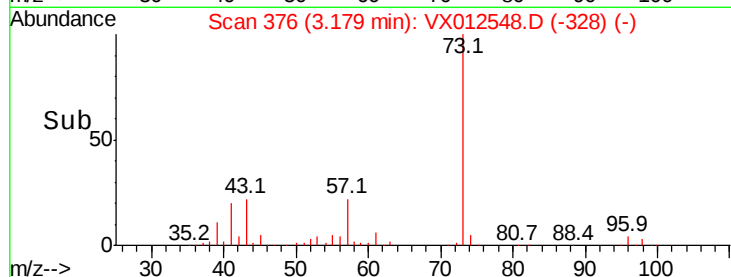
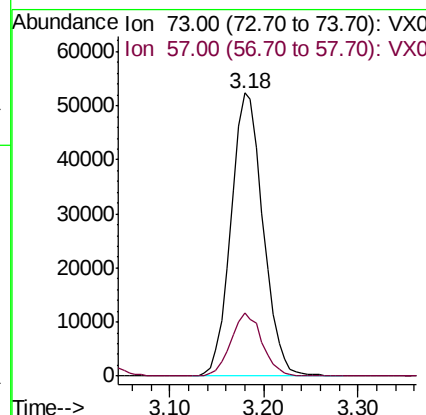
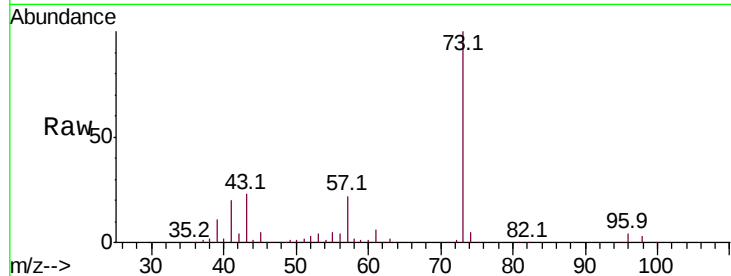
Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tot Ion: 73 Resp: 123630

Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2



#20

Methylene Chloride

Concen: 18.285 ug/l

RT: 2.84 min Scan# 321

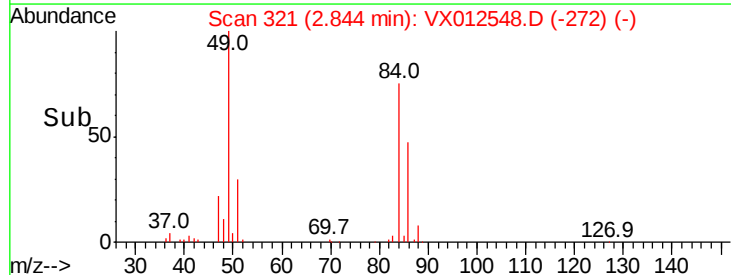
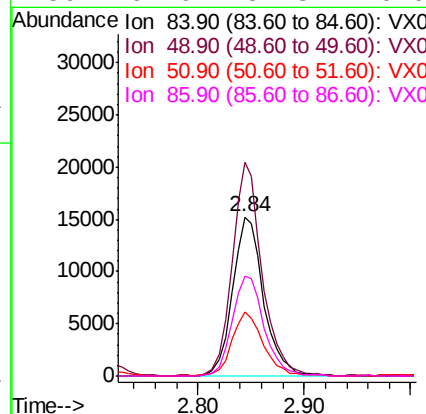
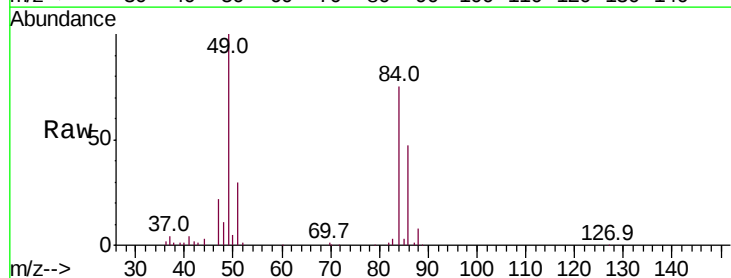
Delta R.T. 0.00 min

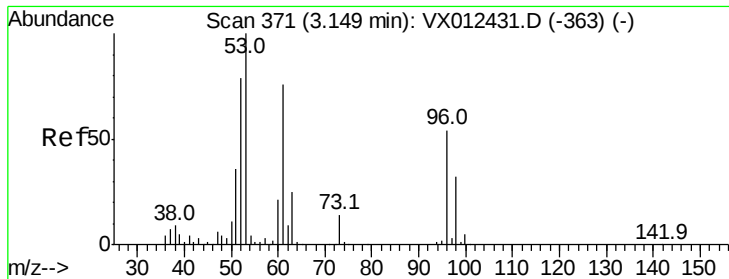
Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Tgt Ion: 84 Resp: 30934

Ion	Ratio	Lower	Upper
84	100		
49	134.1	106.8	160.2
51	40.0	32.3	48.5
86	62.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 18.892 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

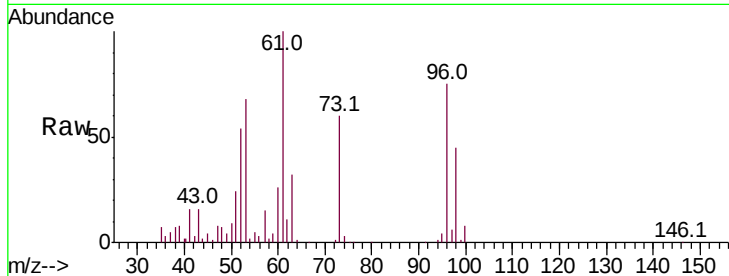
Tot Ion: 96 Resp: 24057

Ion Ratio Lower Upper

96 100

61 133.7 112.0 168.0

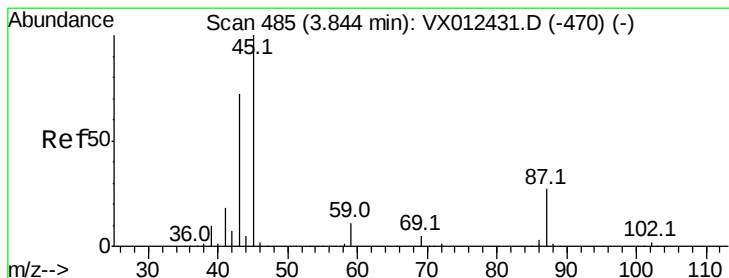
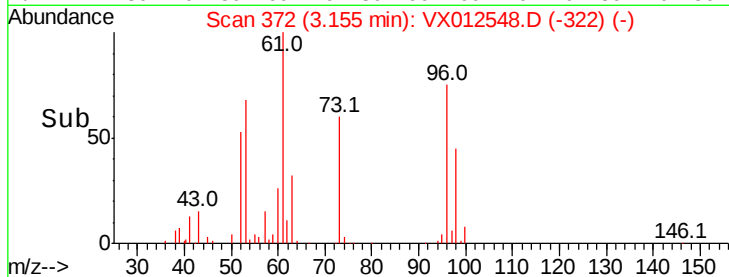
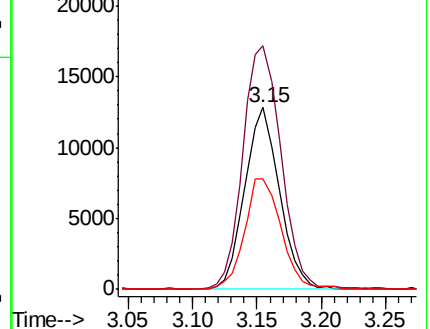
98 60.4 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.037 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Tgt Ion: 45 Resp: 120566

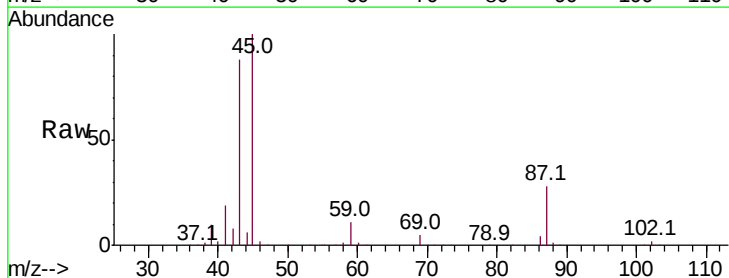
Ion Ratio Lower Upper

45 100

43 87.6 57.8 86.8#

87 27.7 21.3 31.9

59 10.5 8.5 12.7

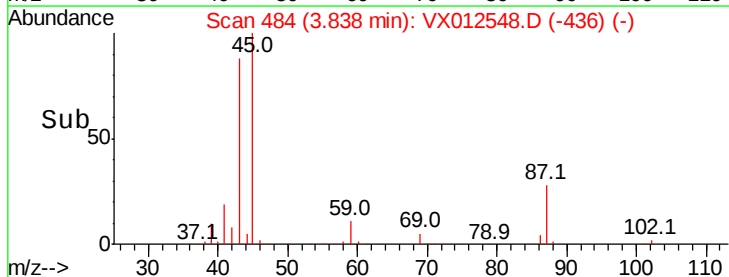
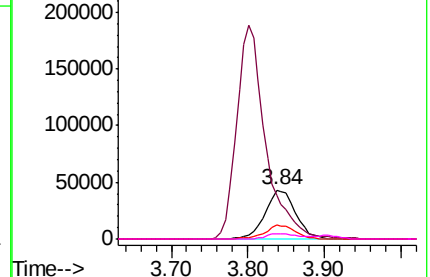


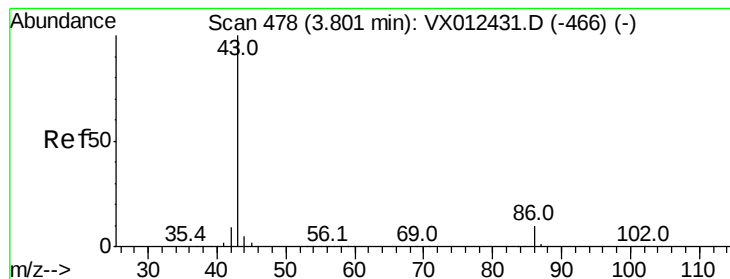
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 89.825 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

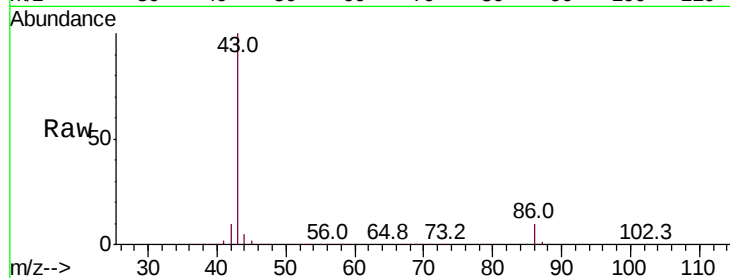
VX0920WBS01

Tot Ion: 43 Resp: 493925

Ion Ratio Lower Upper

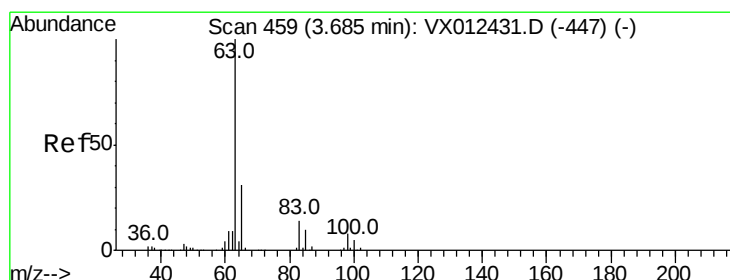
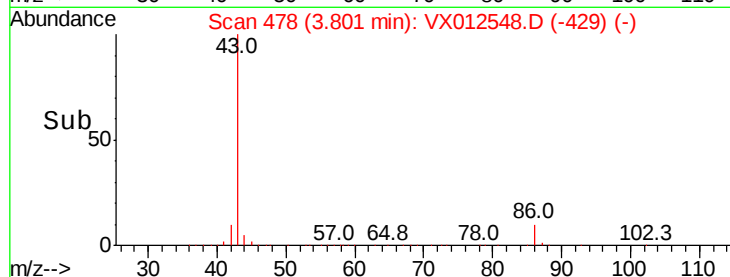
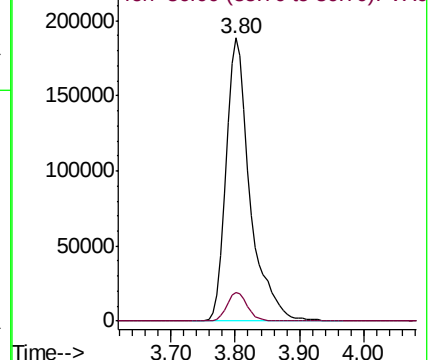
43 100

86 10.0 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: 18.555 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

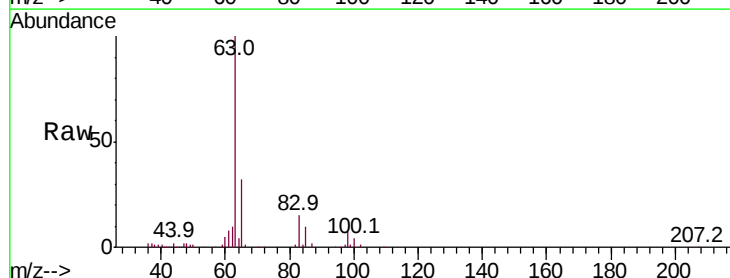
Tgt Ion: 63 Resp: 59344

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

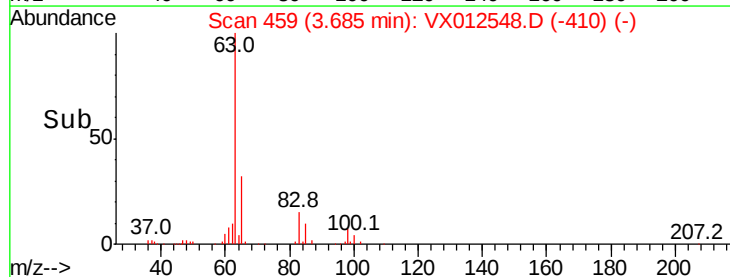
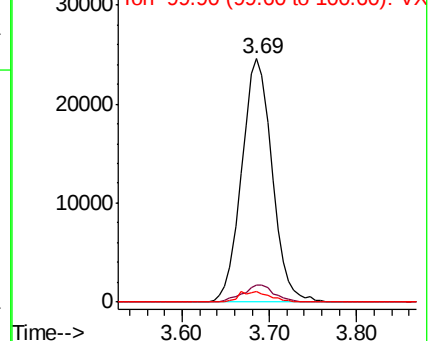
100 4.2 2.3 6.9

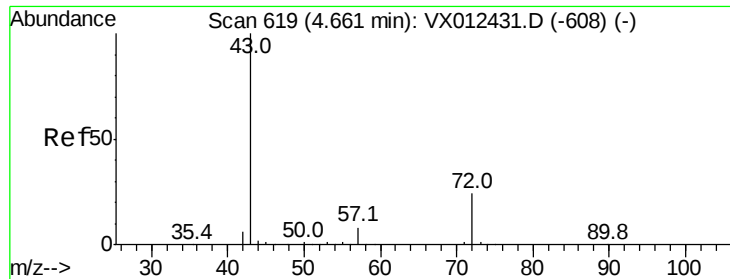


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 85.435 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

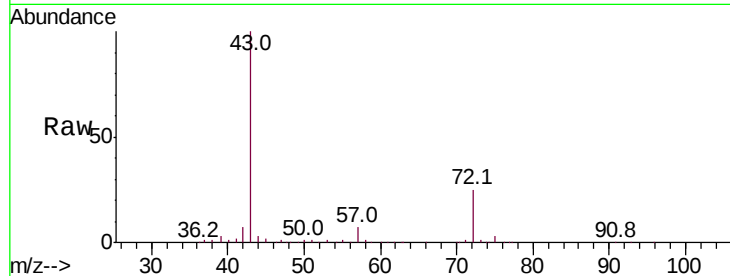
VX0920WBS01

Tot Ion: 43 Resp: 165663

Ion Ratio Lower Upper

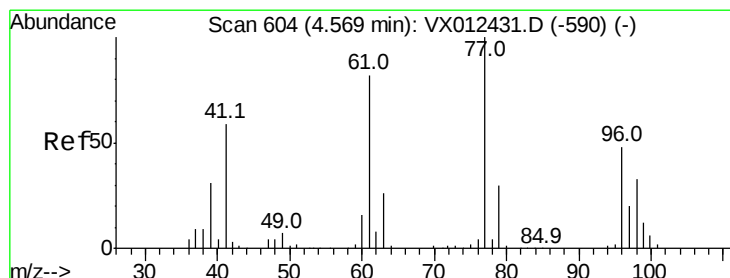
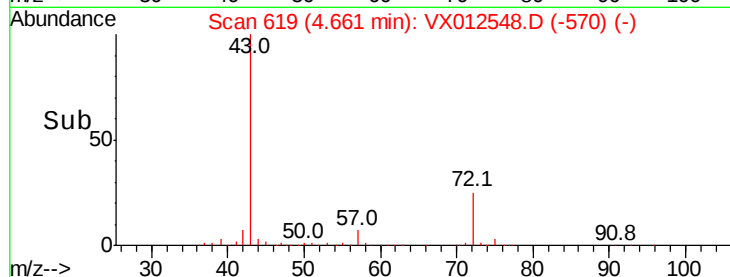
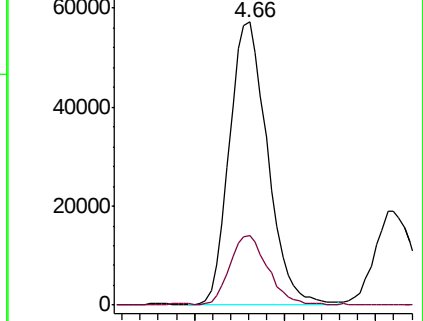
43 100

72 24.5 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: 17.267 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012548.D

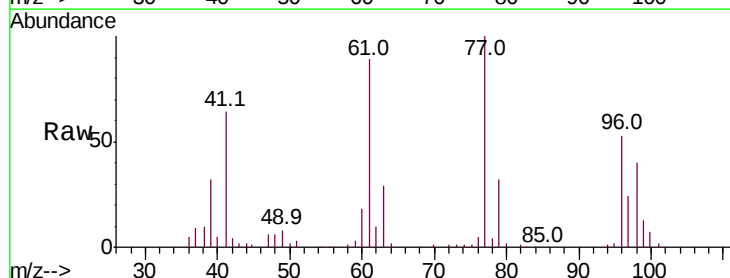
Acq: 20 Sep 2019 11:42

Tgt Ion: 77 Resp: 54314

Ion Ratio Lower Upper

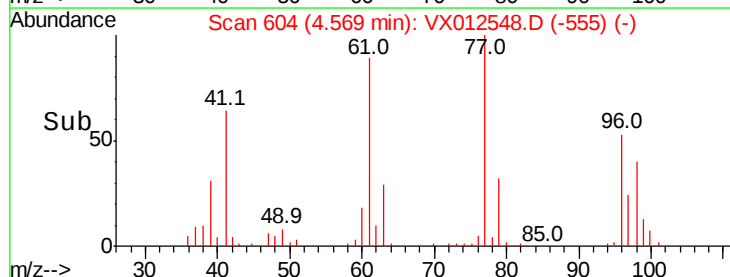
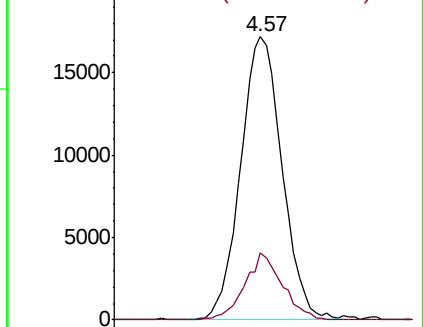
77 100

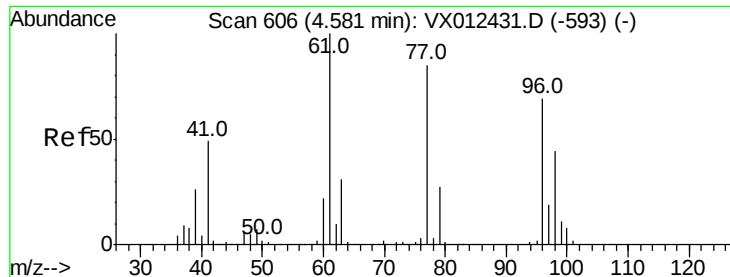
97 21.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



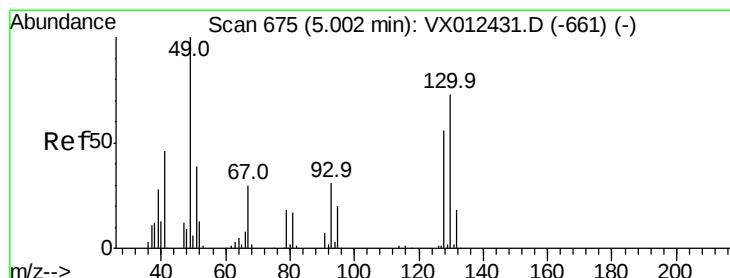
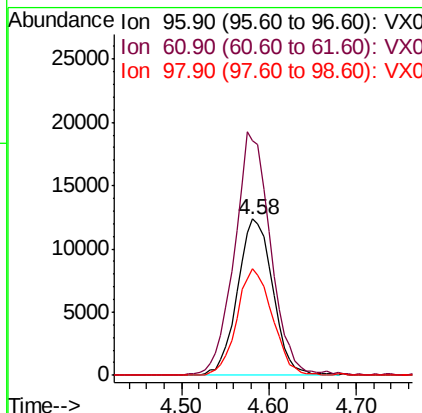
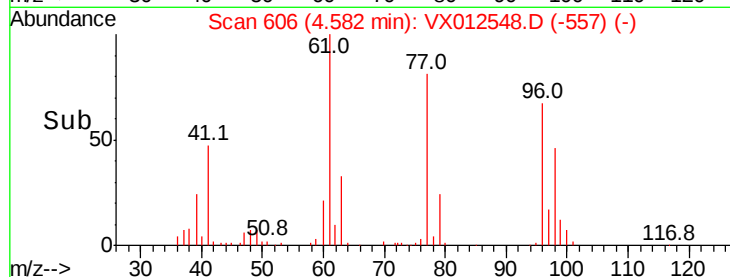
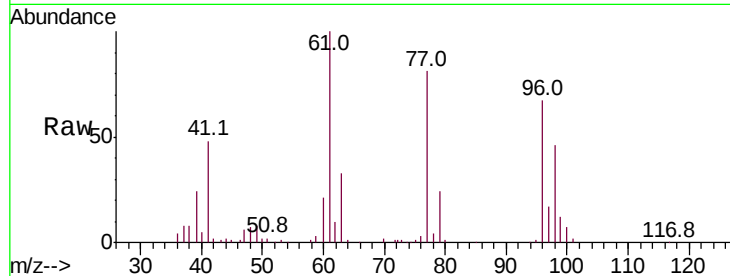


#27

cis-1,2-Dichloroethene
Concen: 18.283 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

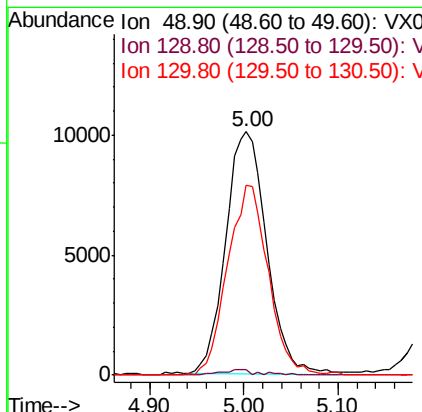
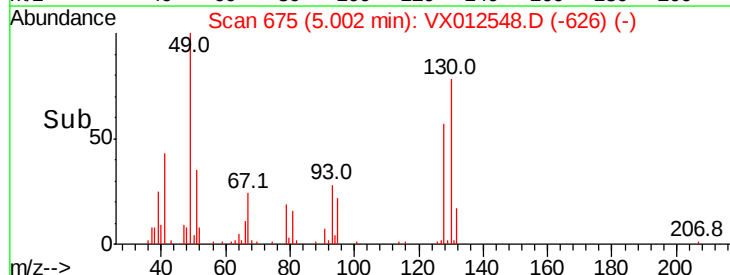
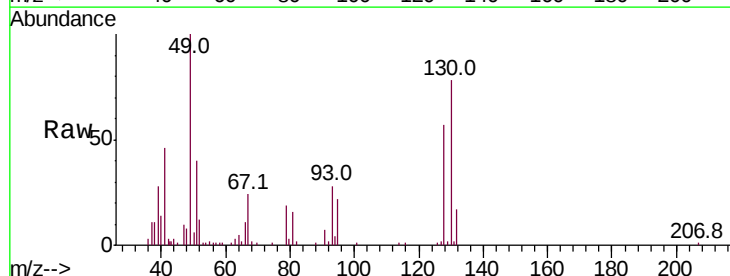
Tot Ion: 96 Resp: 34778
Ion Ratio Lower Upper
96 100
61 159.9 0.0 319.4
98 68.5 0.0 130.6

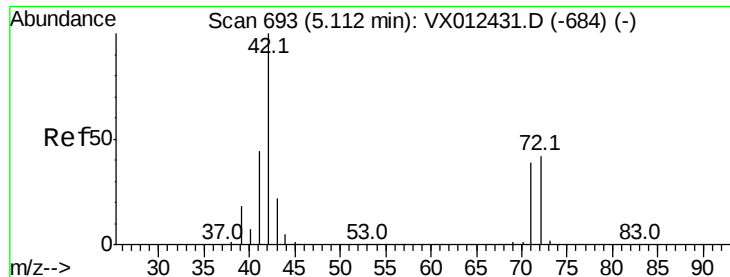


#28

Bromochloromethane
Concen: 18.487 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion: 49 Resp: 30482
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 78.0 58.2 87.4





#29

Tetrahydrofuran

Concen: 87.821 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

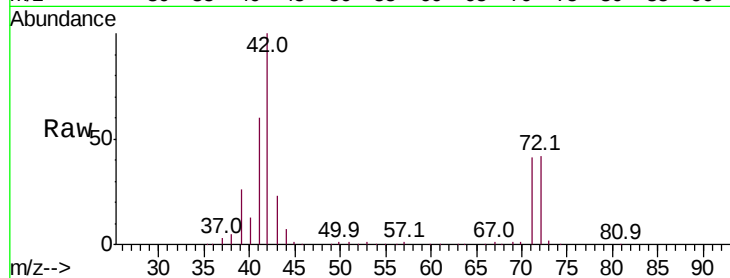
Tot Ion: 42 Resp: 94075

Ion Ratio Lower Upper

42 100

72 43.2 34.0 51.0

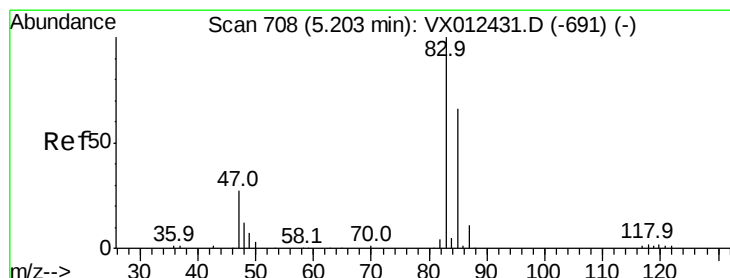
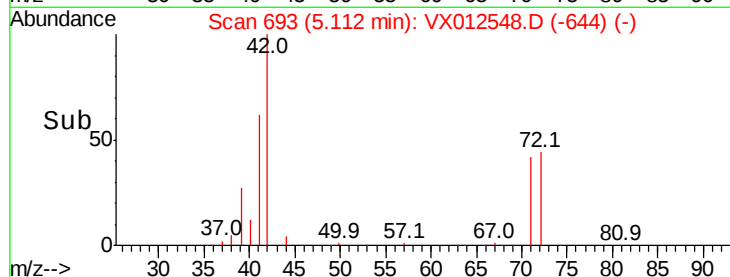
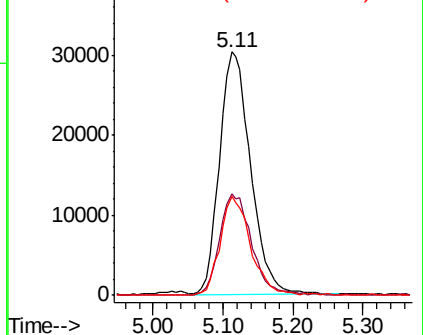
71 39.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.951 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012548.D

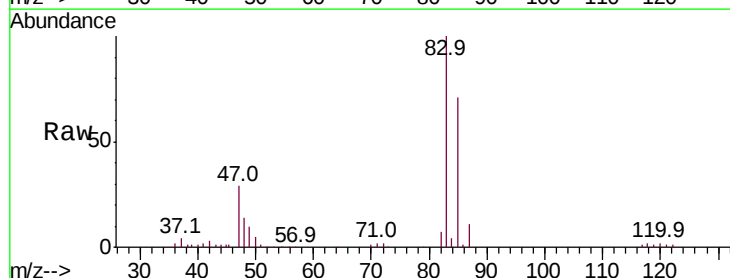
Acq: 20 Sep 2019 11:42

Tgt Ion: 83 Resp: 65935

Ion Ratio Lower Upper

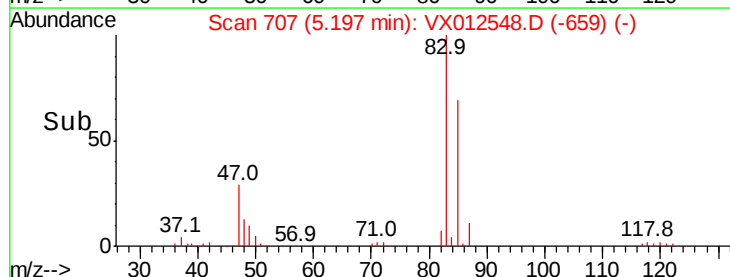
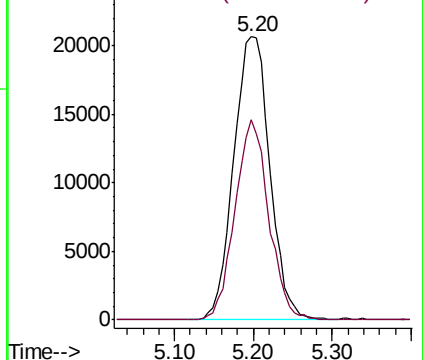
83 100

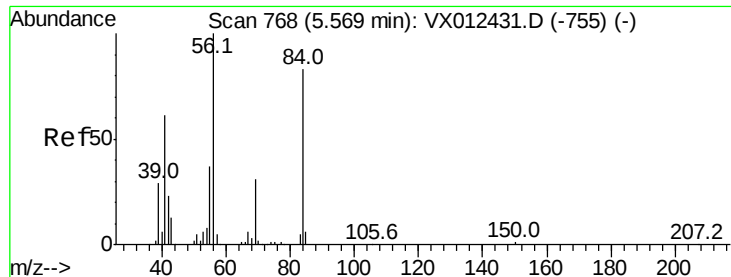
85 70.7 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

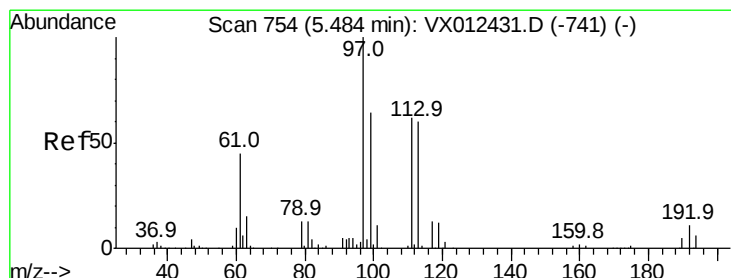
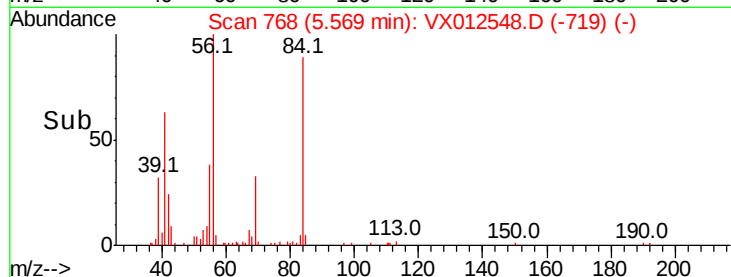
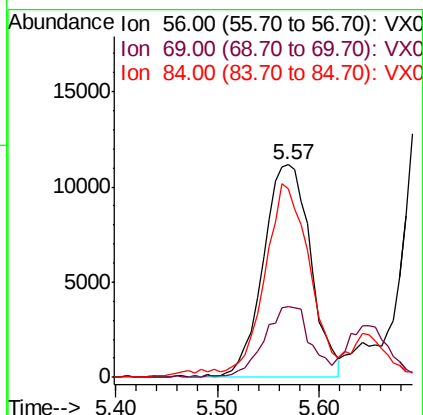
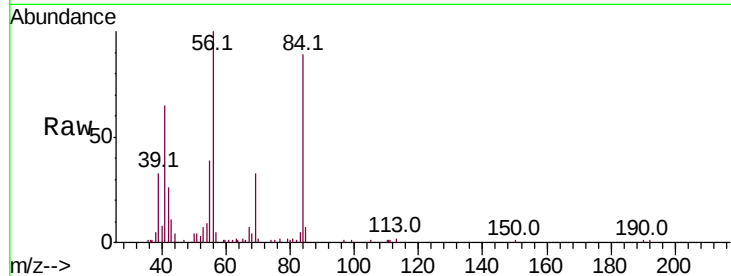




#31
Cyclohexane
Concen: 18.645 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

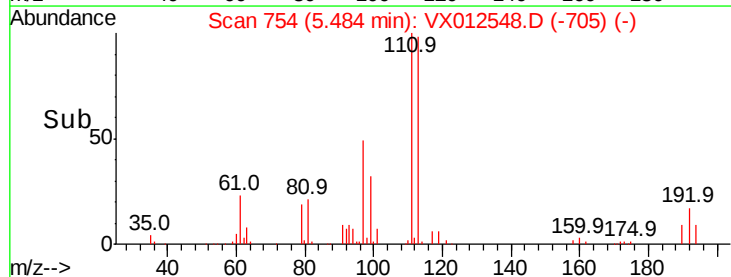
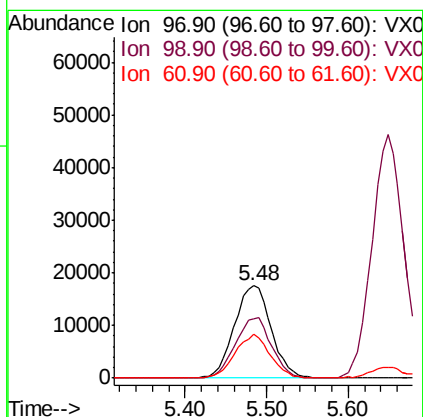
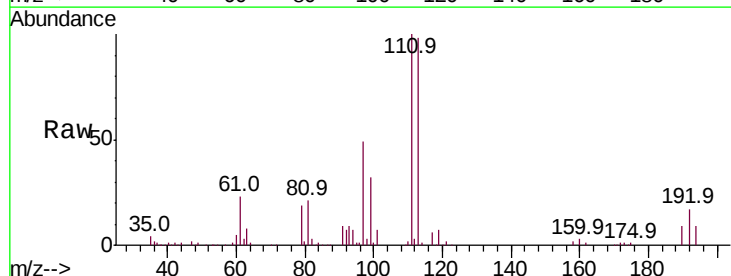
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

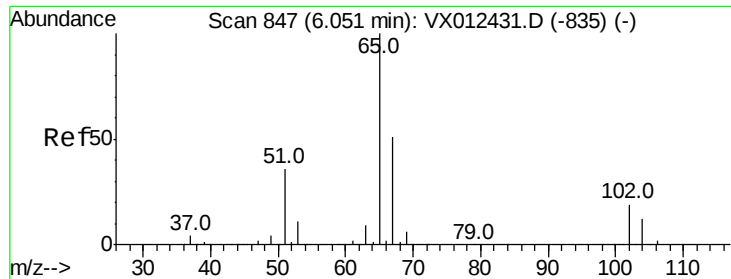
Tot Ion: 56 Resp: 35998
Ion Ratio Lower Upper
56 100
69 33.4 25.0 37.6
84 86.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 17.913 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion: 97 Resp: 54994
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 45.6 36.1 54.1

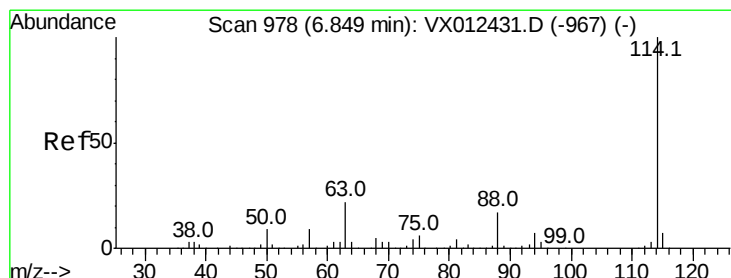
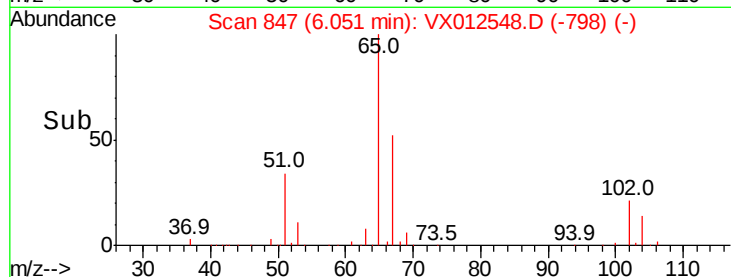
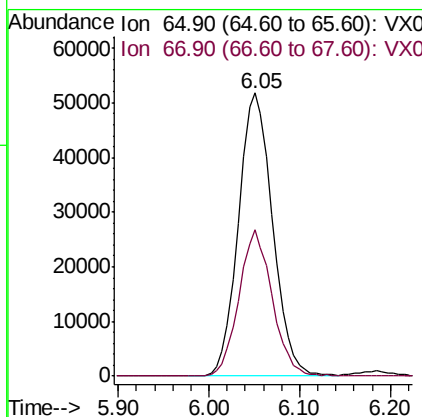
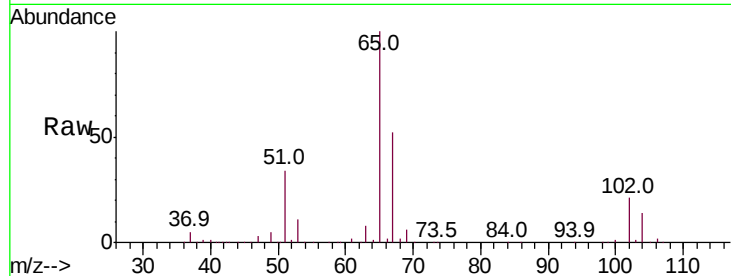




#33
 1,2-Dichloroethane-d4
 Concen: 48.460 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

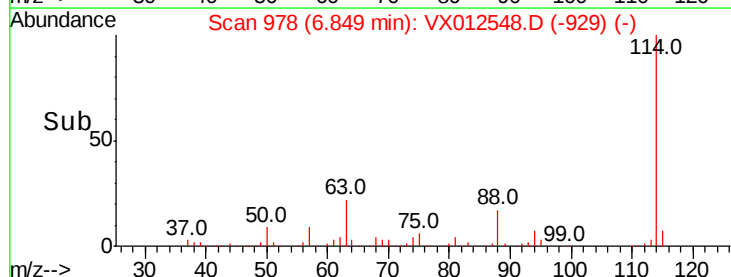
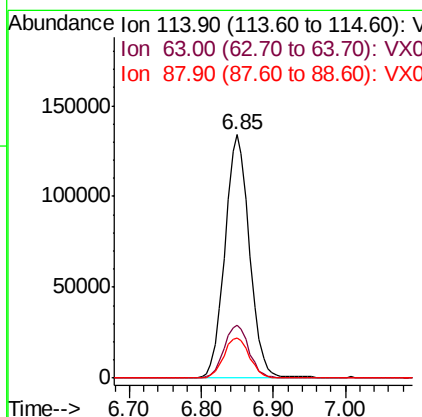
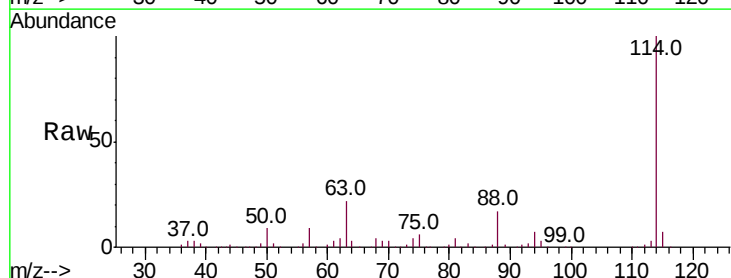
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

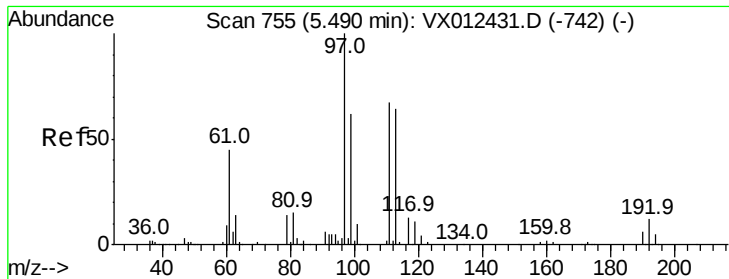
Tot Ion: 65 Resp: 135464
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion: 114 Resp: 318502
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.223 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

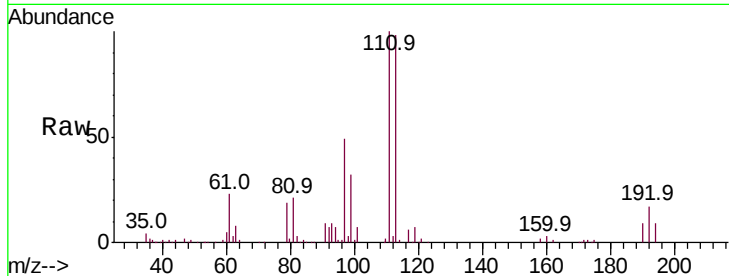
Tot Ion:113 Resp: 98745

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

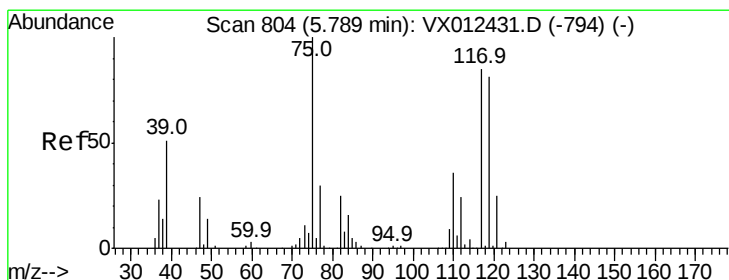
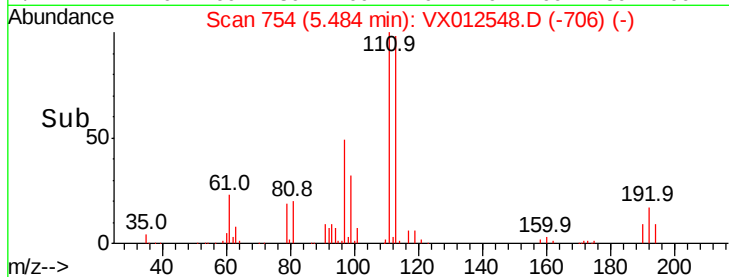
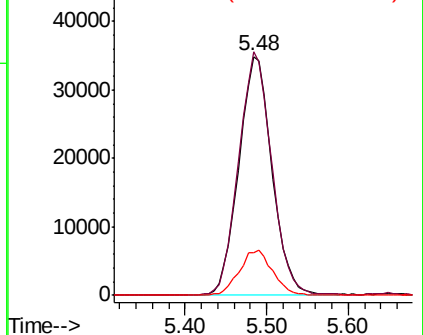
192 18.9 14.4 21.6



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: 17.732 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

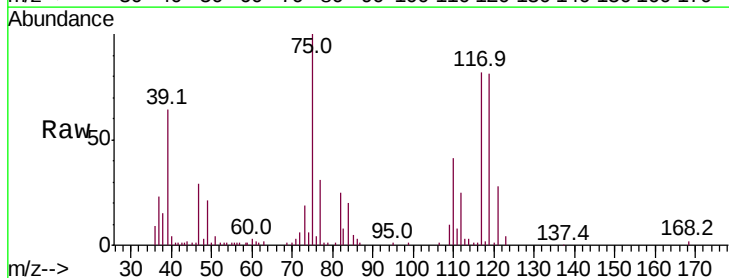
Tgt Ion: 75 Resp: 34323

Ion Ratio Lower Upper

75 100

110 36.4 16.7 50.0

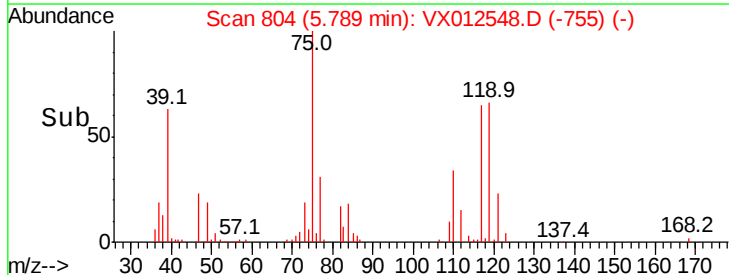
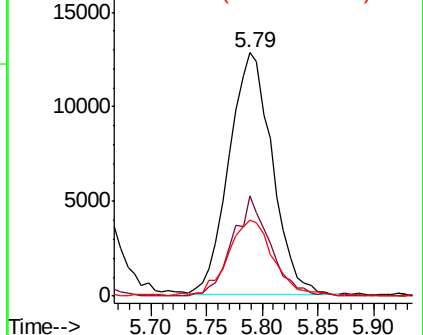
77 33.3 24.2 36.2

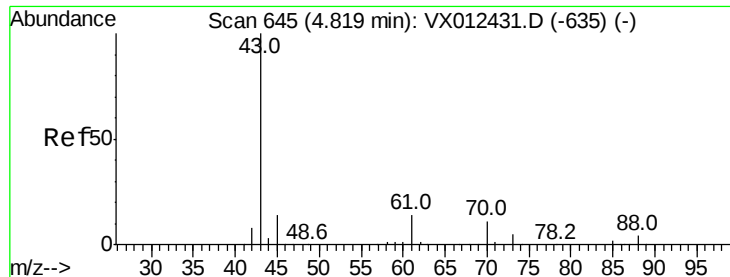


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.020 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

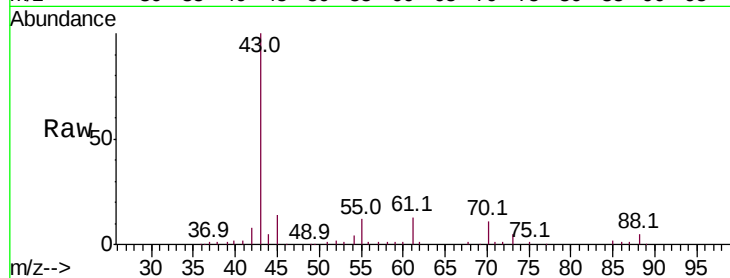
Tot Ion: 43 Resp: 56514

Ion Ratio Lower Upper

43 100

61 13.2 10.2 15.4

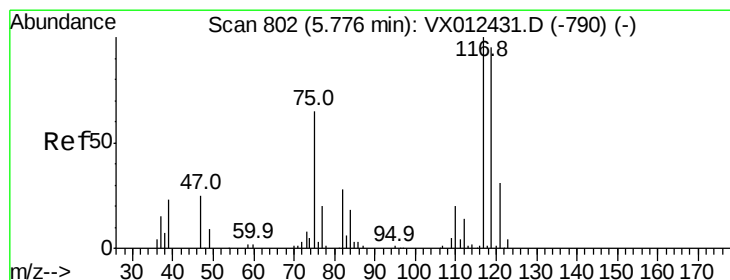
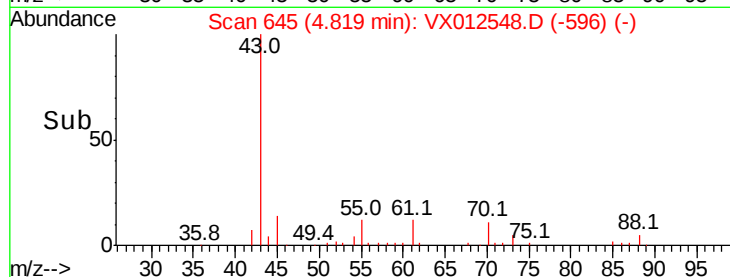
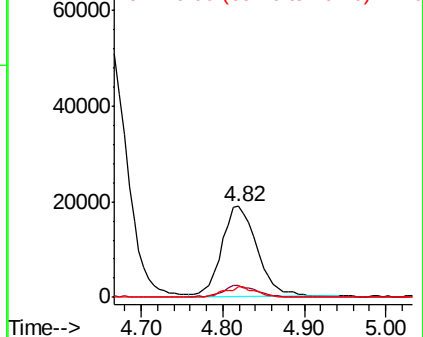
70 11.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.806 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

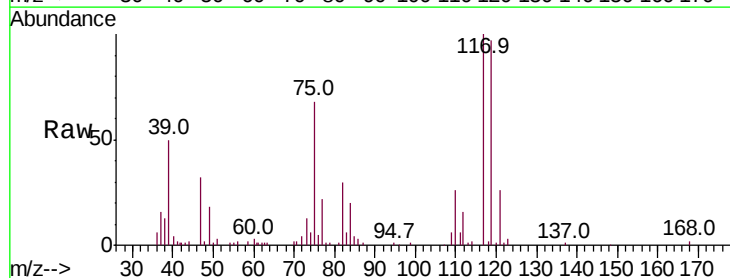
Tgt Ion: 117 Resp: 42867

Ion Ratio Lower Upper

117 100

119 97.3 75.7 113.5

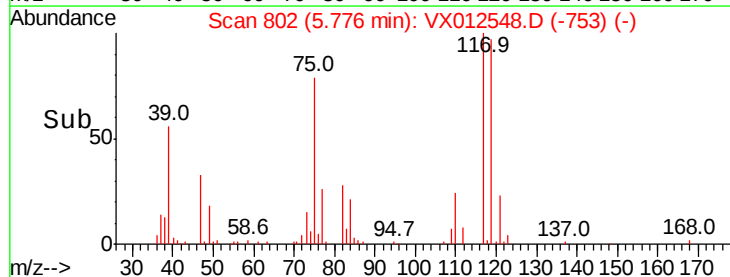
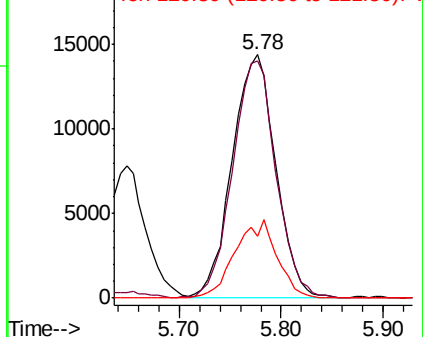
121 25.6 24.2 36.4

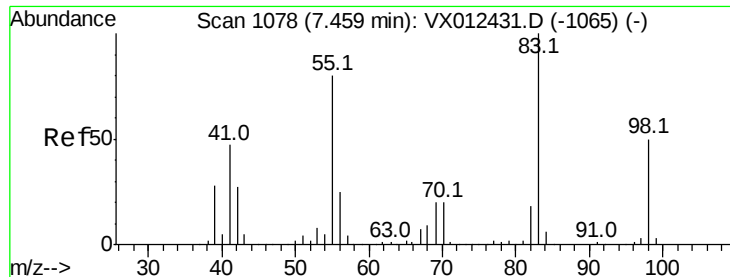


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

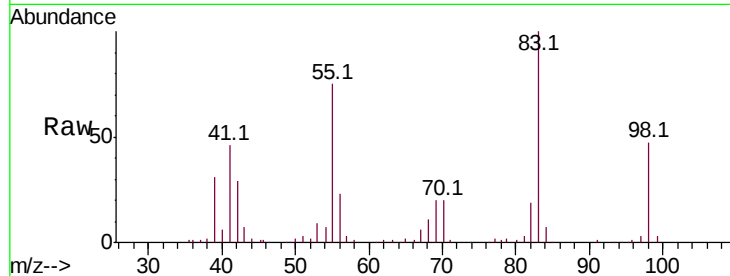




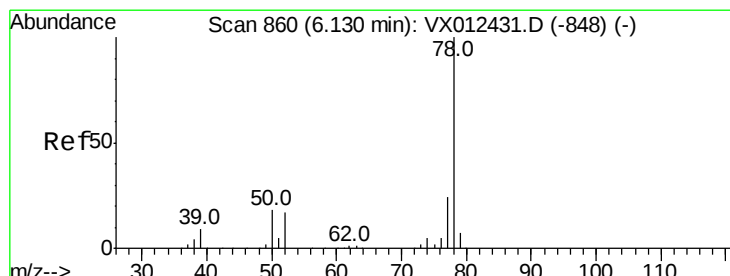
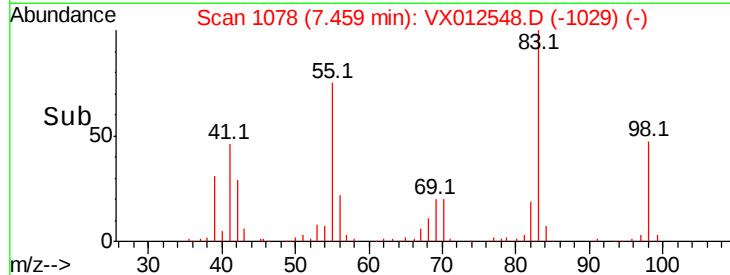
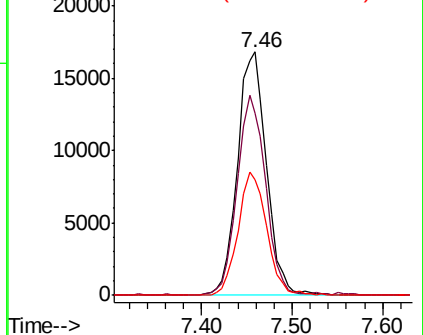
#39
Methvlcvclohexane
Concen: 19.811 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampled :
VX0920WBS01

Tot Ion: 83 Resp: 37279
Ion Ratio Lower Upper
83 100
55 74.8 64.4 96.6
98 47.4 40.1 60.1

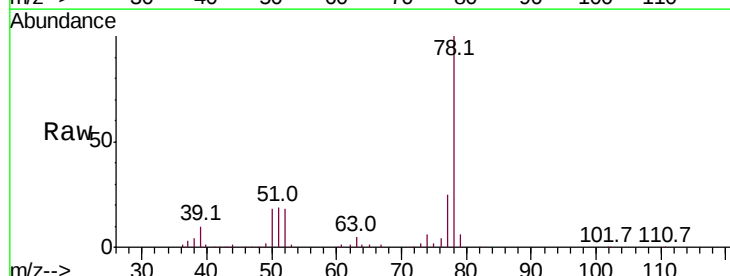


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

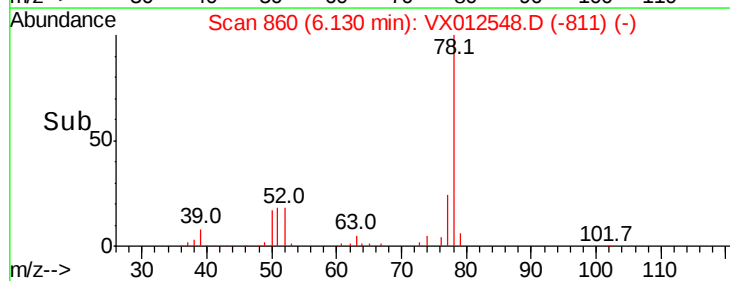
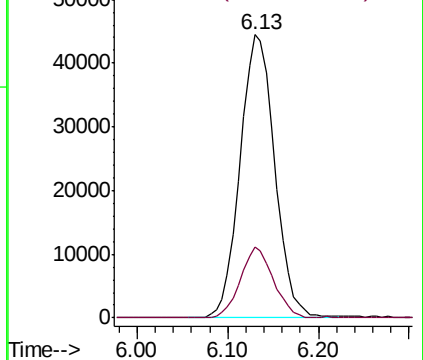


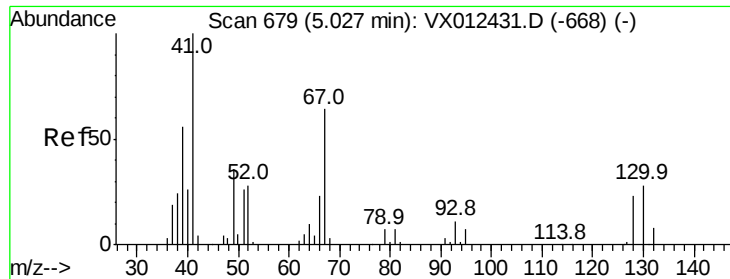
#40
Benzene
Concen: 19.159 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion: 78 Resp: 117933
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

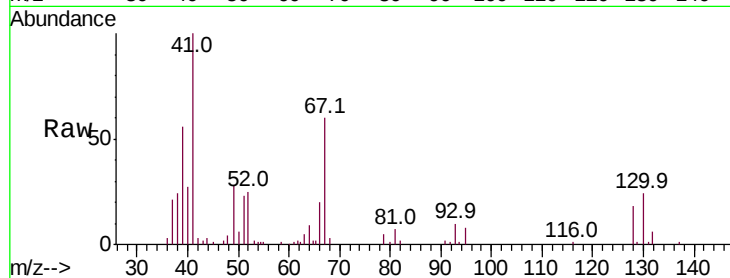




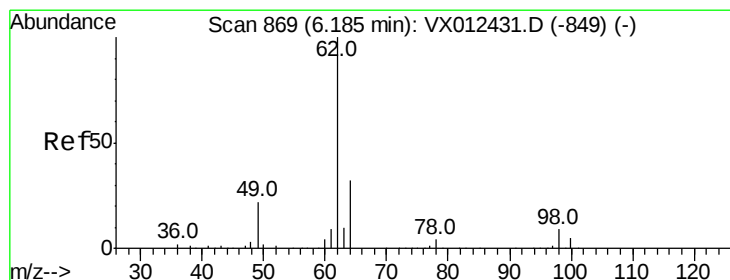
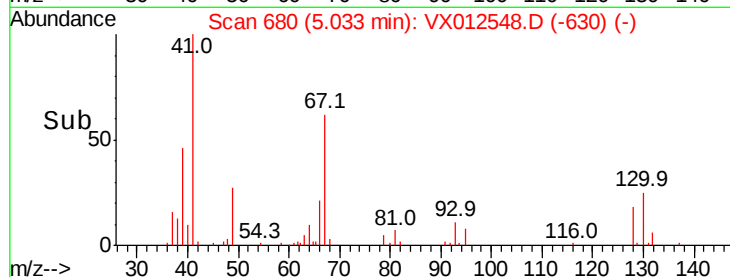
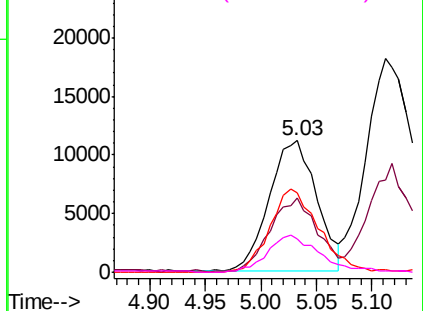
#41
Methacrylonitrile
Concen: 17.452 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampled :
VX0920WBS01

Tot Ion: 41 Resp: 33389
Ion Ratio Lower Upper
41 100
39 57.0 46.0 69.0
67 65.7 52.2 78.2
52 31.2 22.7 34.1

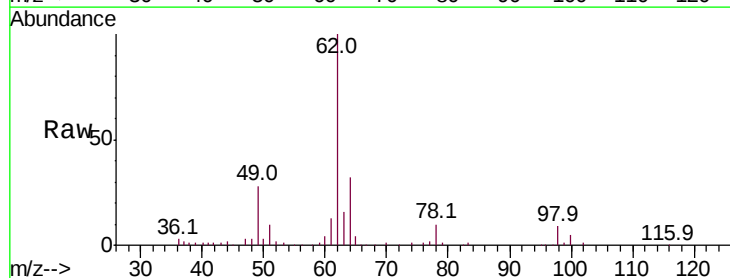


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

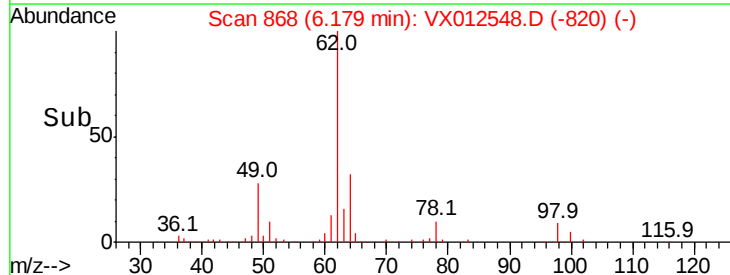
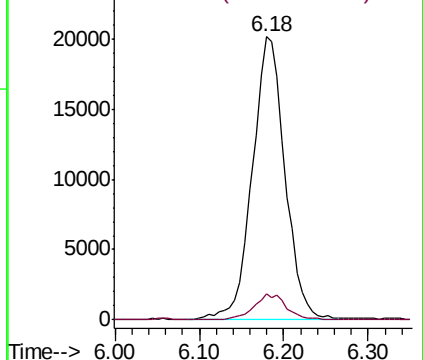


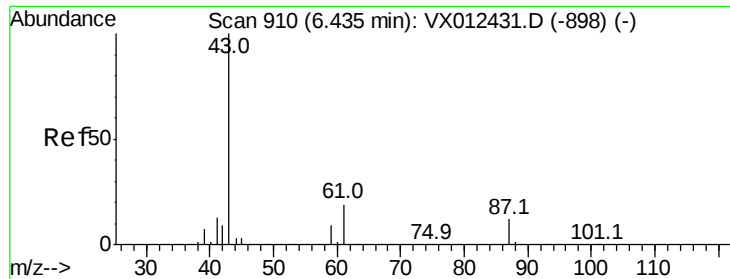
#42
1,2-Dichloroethane
Concen: 18.676 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion: 62 Resp: 53321
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



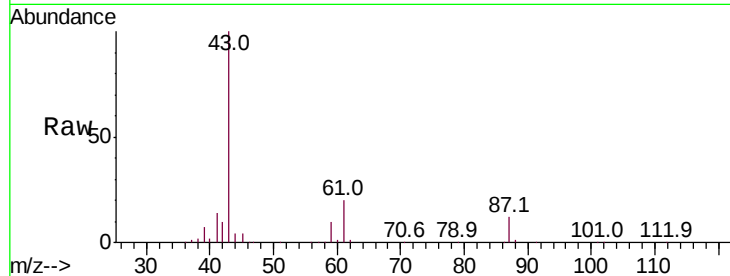


#43

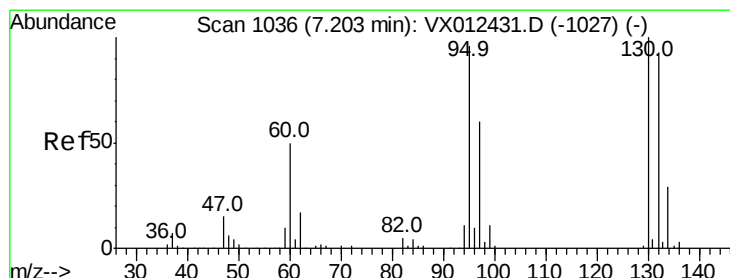
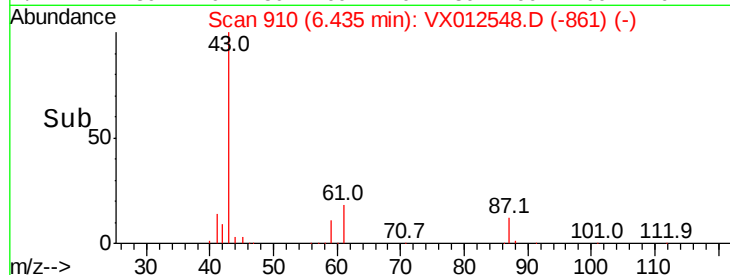
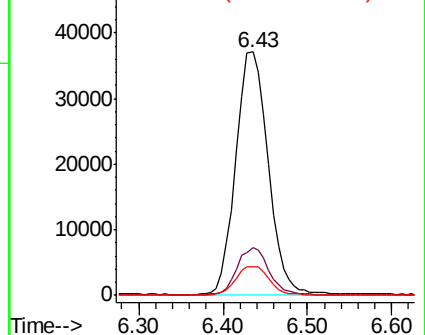
Isopropyl Acetate
 Concen: 18.078 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Tot Ion: 43 Resp: 96410
 Ion Ratio Lower Upper
 43 100
 61 19.4 15.4 23.0
 87 12.4 9.8 14.8



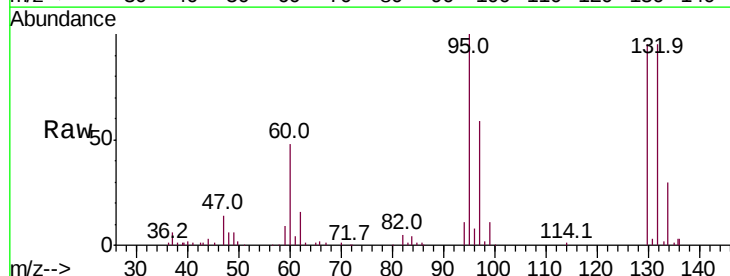
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



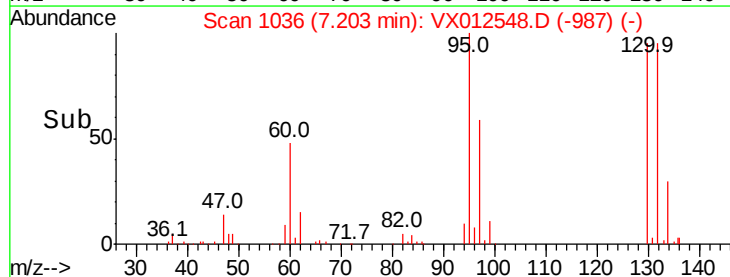
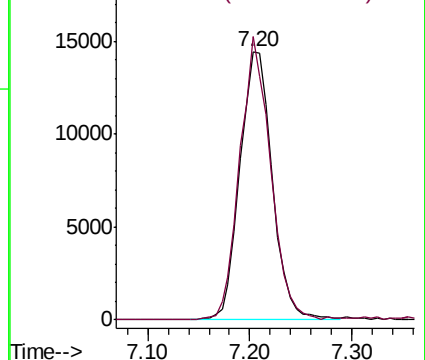
#44

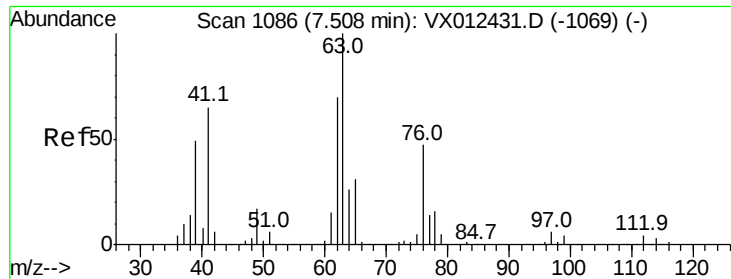
Trichloroethene
 Concen: 19.704 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion: 130 Resp: 31905
 Ion Ratio Lower Upper
 130 100
 95 105.5 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: 18.496 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

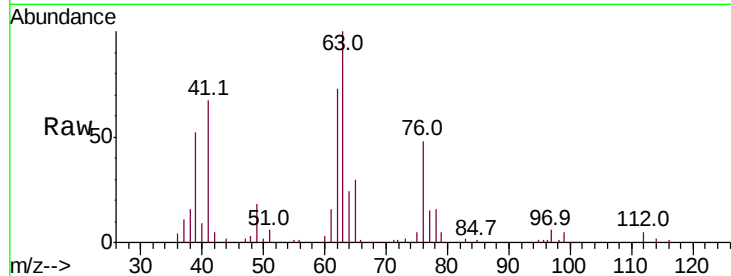
VX0920WBS01

Tot Ion: 63 Resp: 34978

Ion Ratio Lower Upper

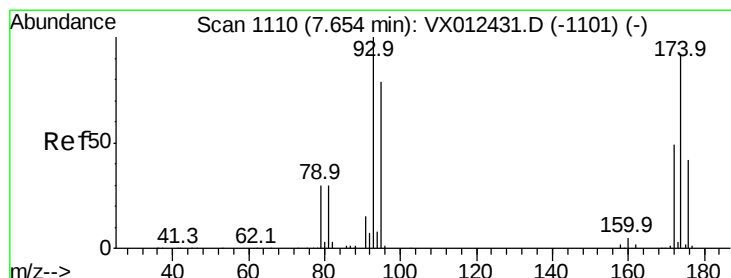
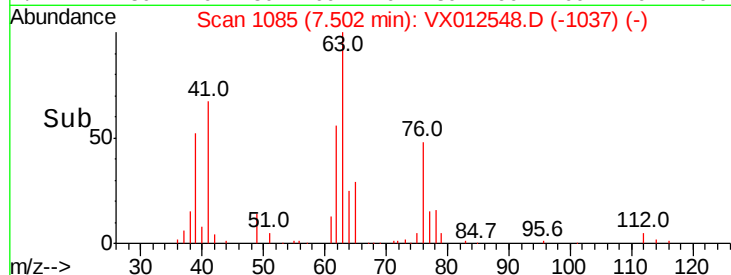
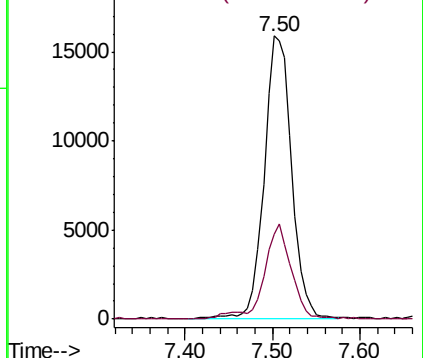
63 100

65 30.1 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: 18.440 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

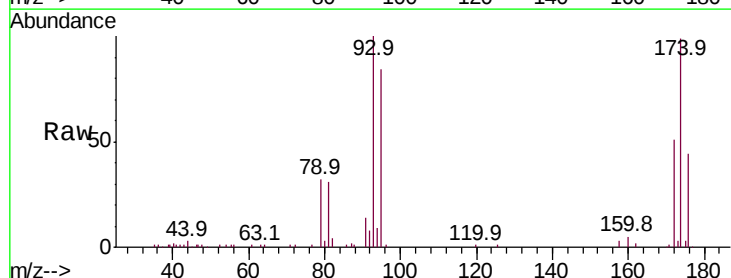
Tgt Ion: 93 Resp: 22567

Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

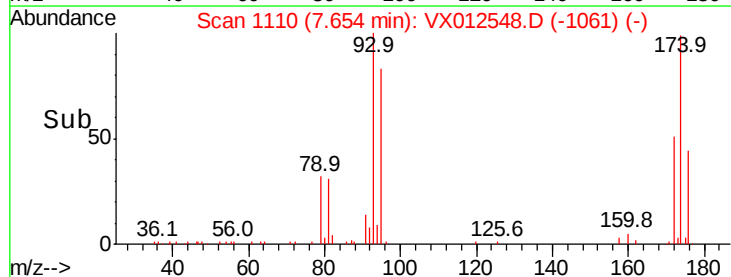
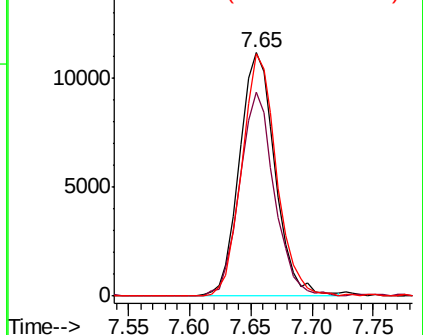
174 97.2 77.4 116.0

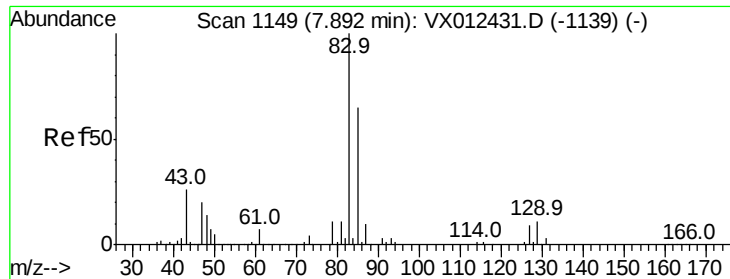


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

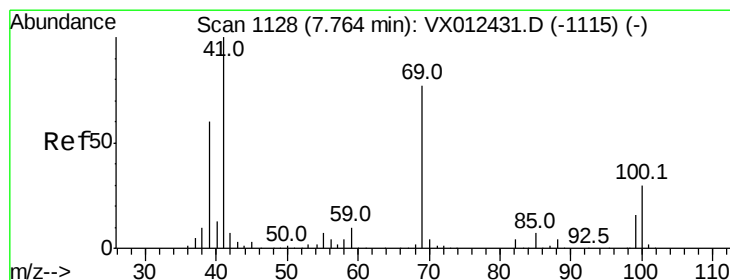
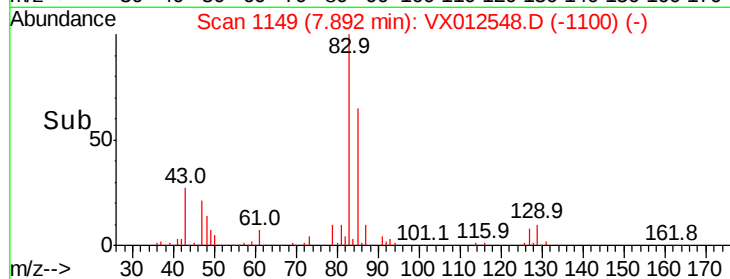
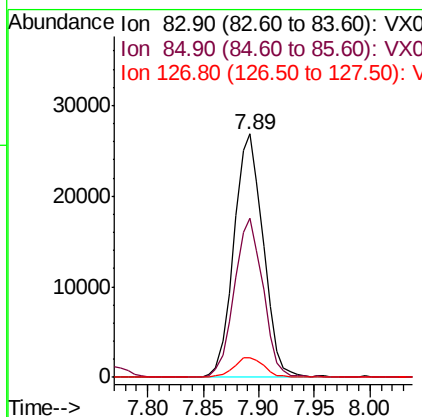
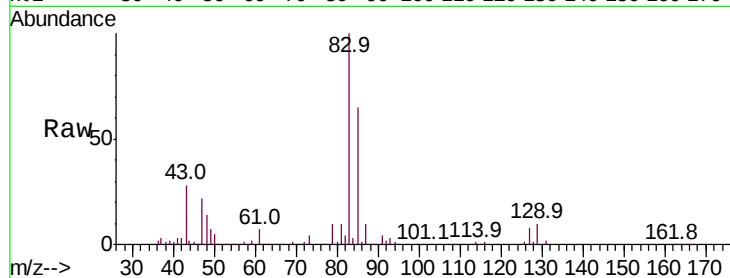




#47
 Bromodichloromethane
 Concen: 18.014 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

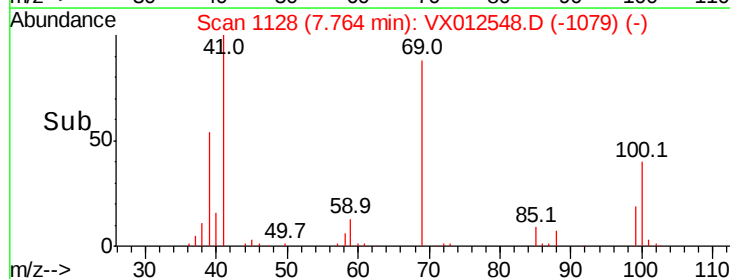
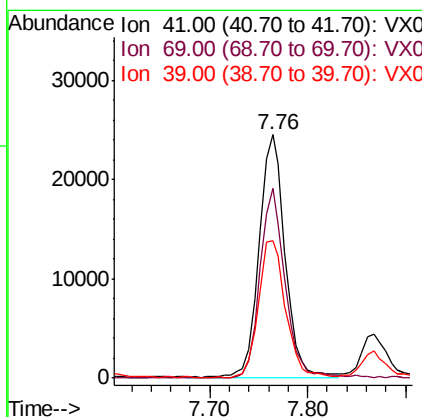
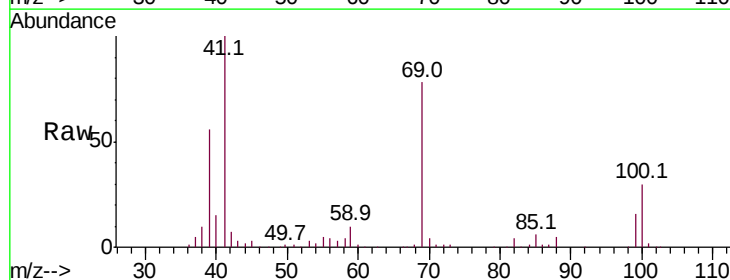
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

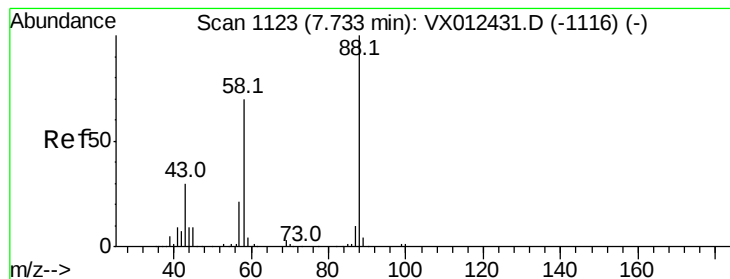
Tot Ion	83	Resp	49087
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.8	77.6
127	7.9	7.3	10.9



#48
 Methyl methacrylate
 Concen: 17.779 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion	41	Resp	44694
Ion Ratio	Lower	Upper	
41	100		
69	76.1	59.9	89.9
39	59.2	47.8	71.6





#49

1,4-Dioxane

Concen: 346.366 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

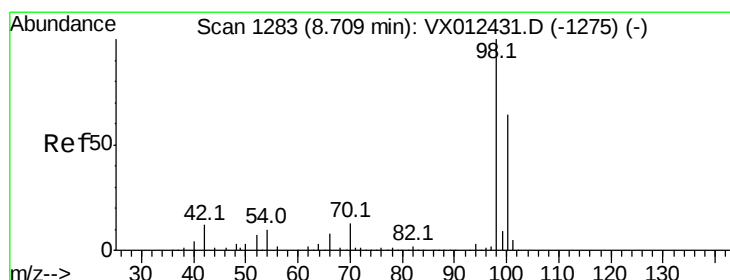
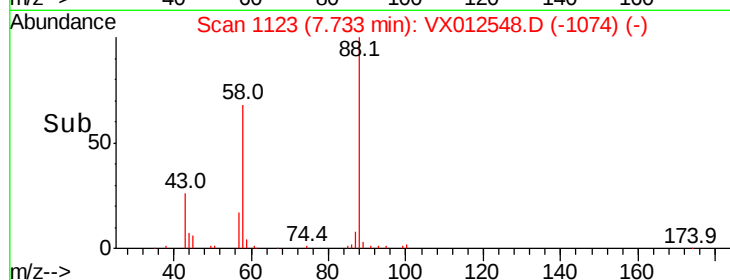
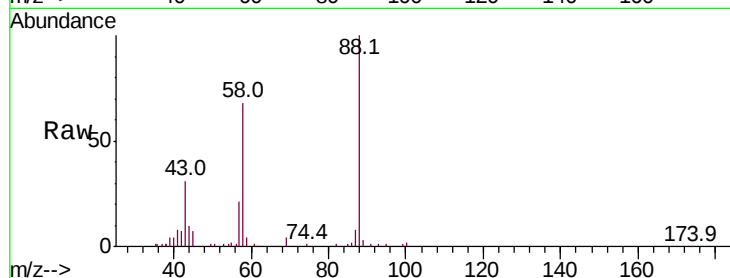
Tot Ion: 88 Resp: 21192

Ion Ratio Lower Upper

88 100

43 34.4 29.4 44.0

58 71.3 57.5 86.3



#50

Toluene-d8

Concen: 51.612 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012548.D

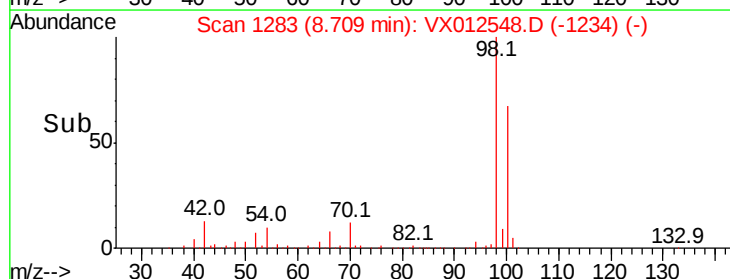
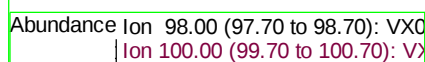
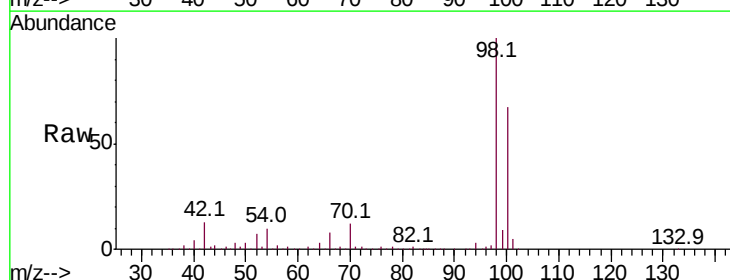
Acq: 20 Sep 2019 11:42

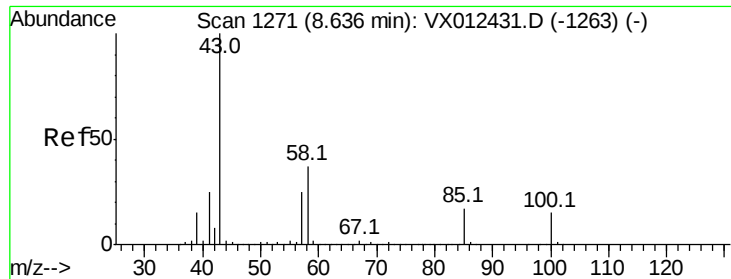
Tgt Ion: 98 Resp: 368274

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.2

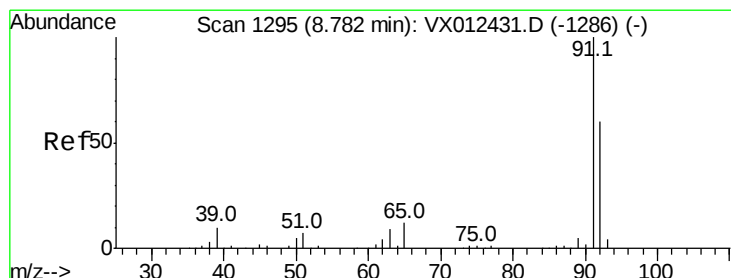
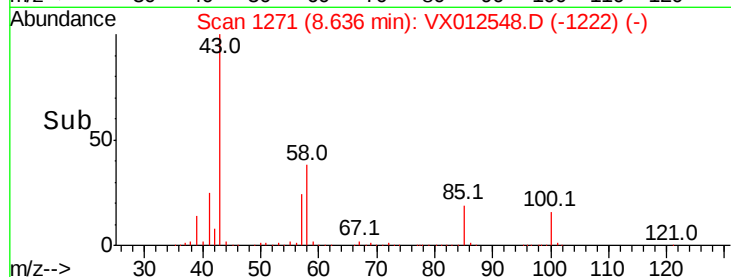
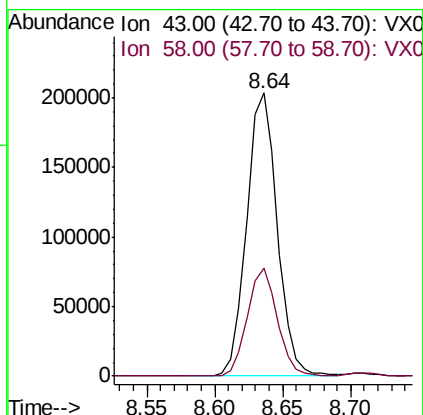
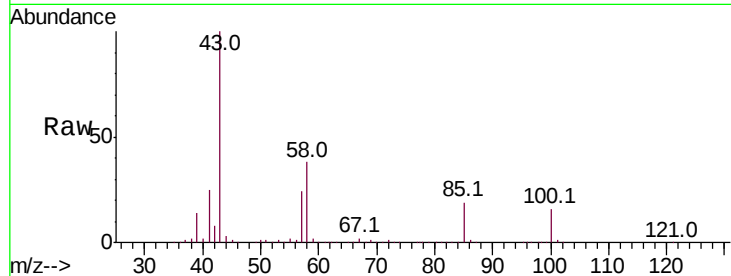




#51
4-Methyl-2-Pentanone
Concen: 91.546 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

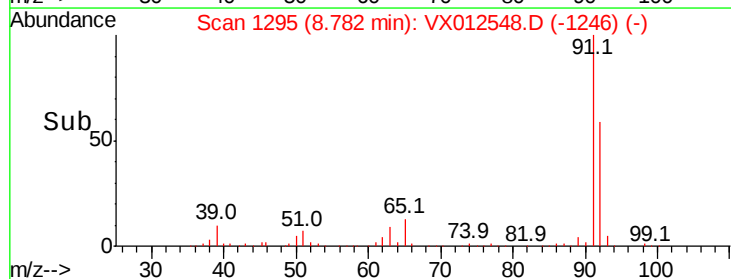
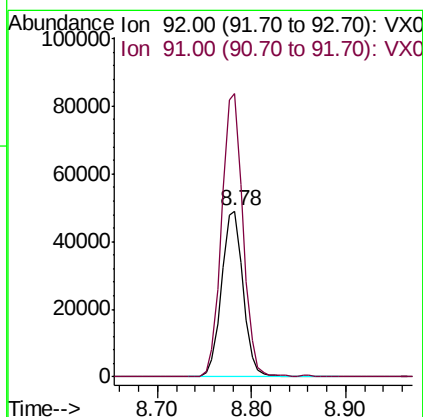
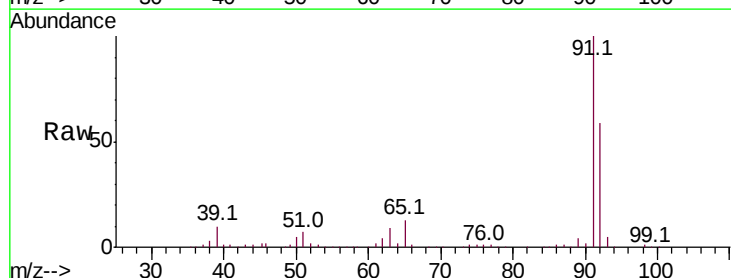
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

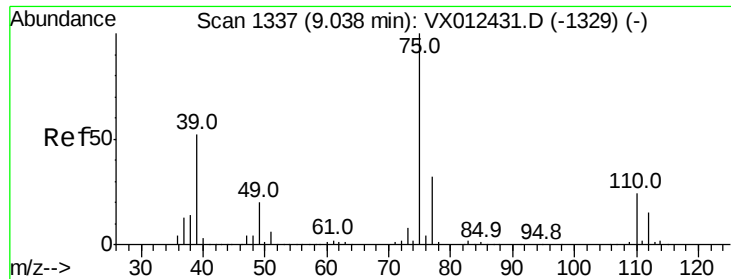
Tot Ion: 43 Resp: 320165
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6



#52
Toluene
Concen: 19.591 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion: 92 Resp: 77704
Ion Ratio Lower Upper
92 100
91 169.0 135.4 203.0

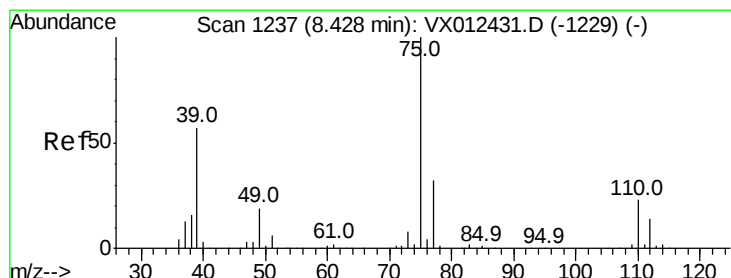
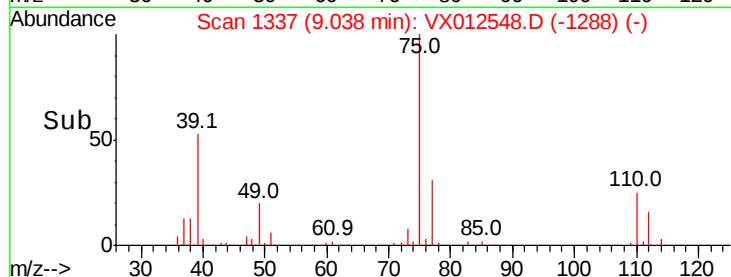
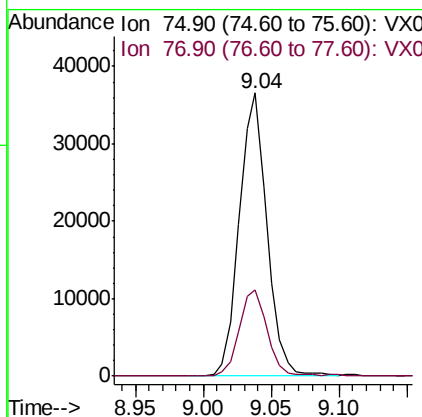
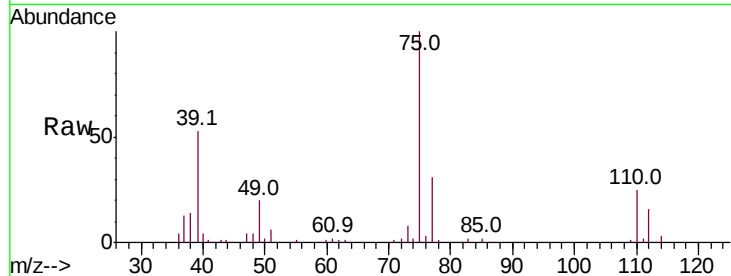




#53
 t-1,3-Dichloropropene
 Concen: 18.332 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

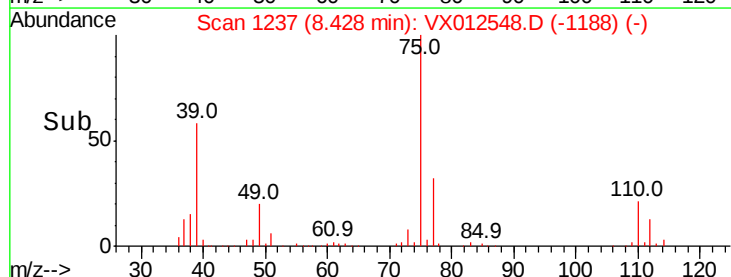
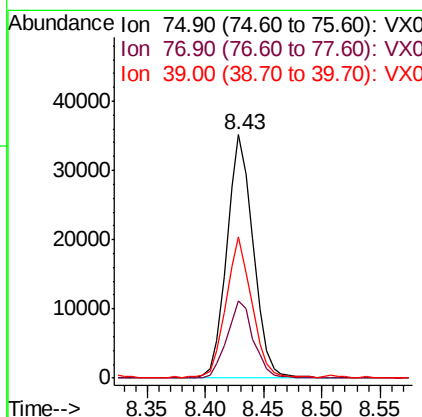
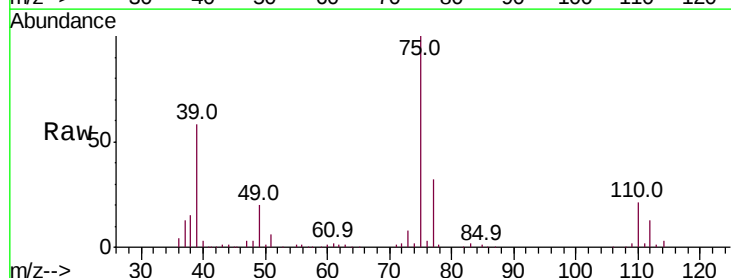
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

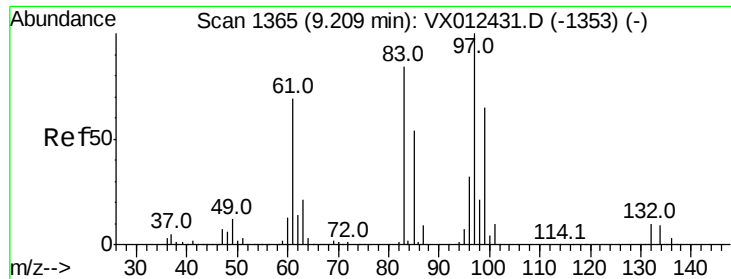
Tot Ion: 75 Resp: 51924
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.896 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion: 75 Resp: 55410
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 57.3 45.5 68.3

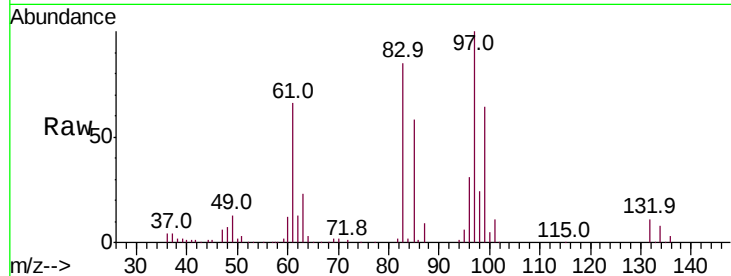




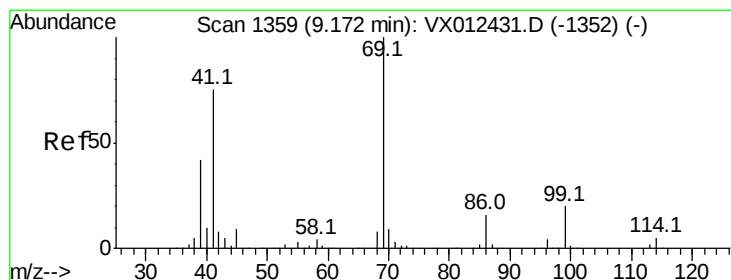
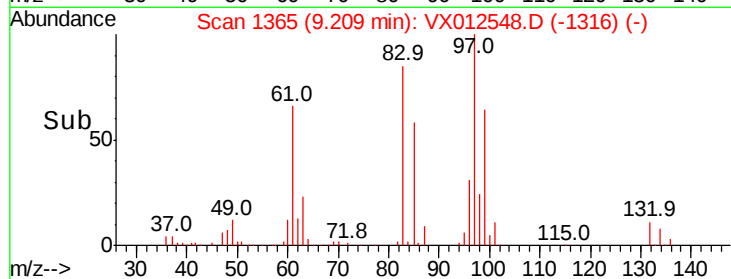
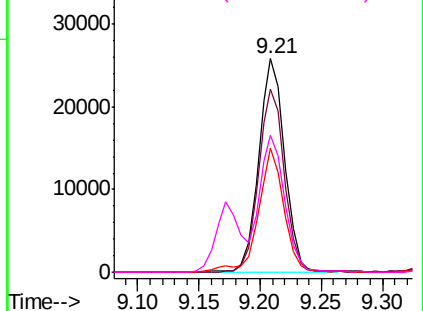
#55
 1,1,2-Trichloroethane
 Concen: 18.735 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Tot Ion:	97	Resp:	38285
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.4	101.2
85	58.0	43.5	65.3
99	63.6	51.8	77.8

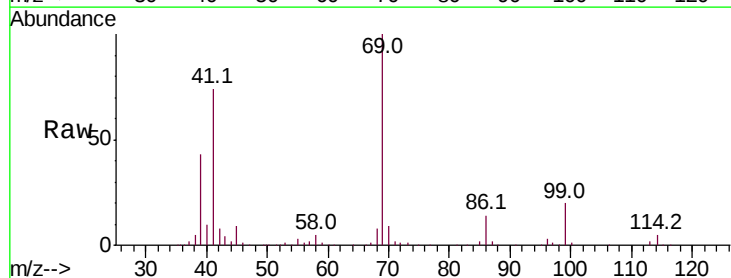


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

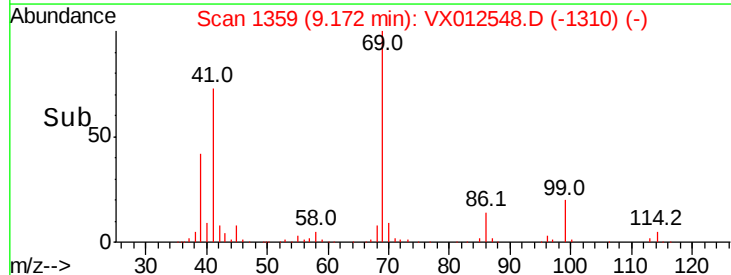
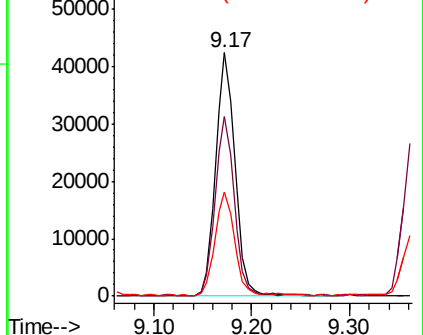


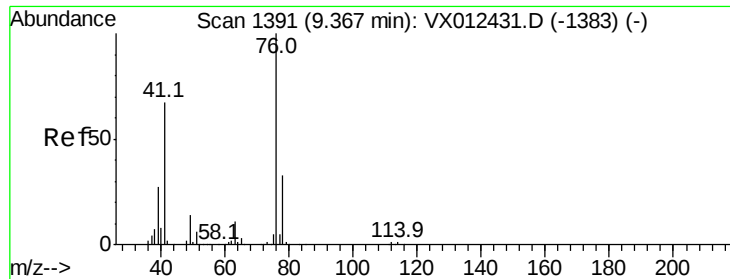
#56
 Ethyl methacrylate
 Concen: 18.403 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion:	69	Resp:	58796
Ion	Ratio	Lower	Upper
69	100		
41	71.8	58.4	87.6
39	42.7	33.4	50.0



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





#57

1,3-Dichloropropane

Concen: 18.790 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

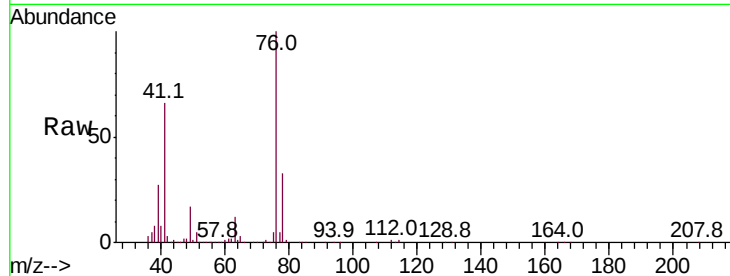
VX0920WBS01

Tot Ion: 76 Resp: 61261

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

40000

30000

20000

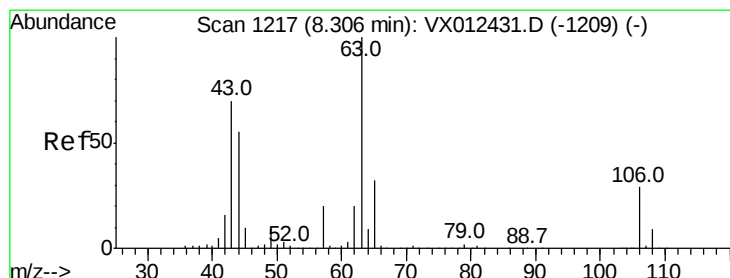
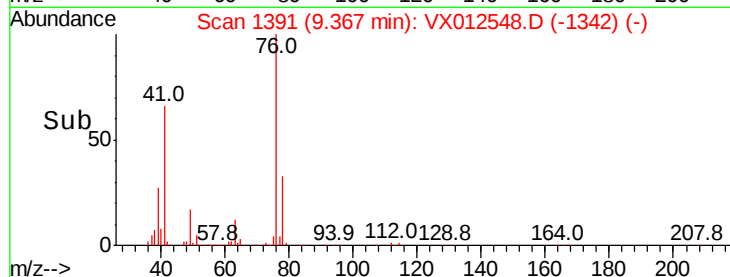
10000

0

Time-->

9.30

9.40



#58

2-Chloroethyl Vinyl ether

Concen: 101.433 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012548.D

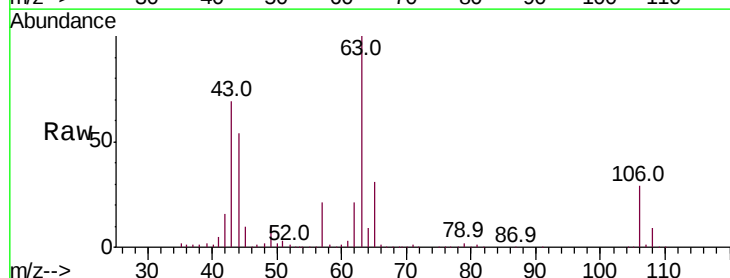
Acq: 20 Sep 2019 11:42

Tgt Ion: 63 Resp: 167753

Ion Ratio Lower Upper

63 100

106 28.4 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

120000

100000

80000

60000

40000

20000

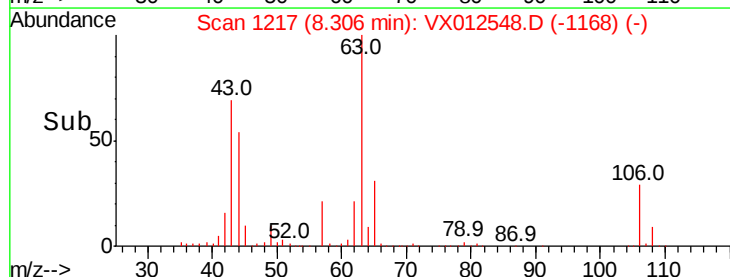
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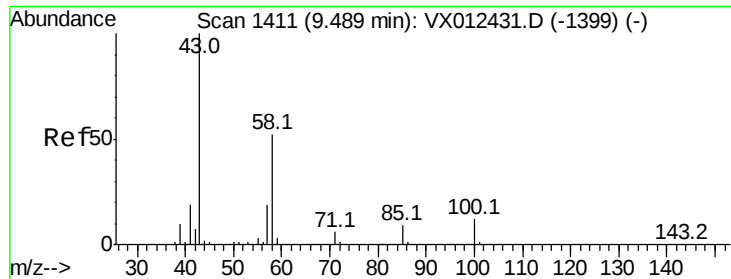
Time-->

8.20

8.30

8.40

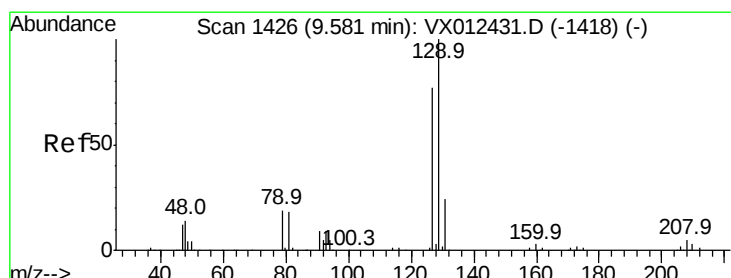
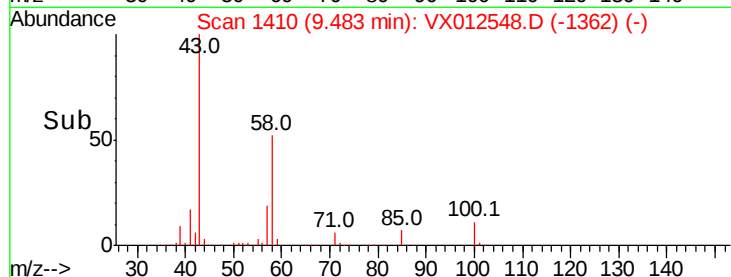
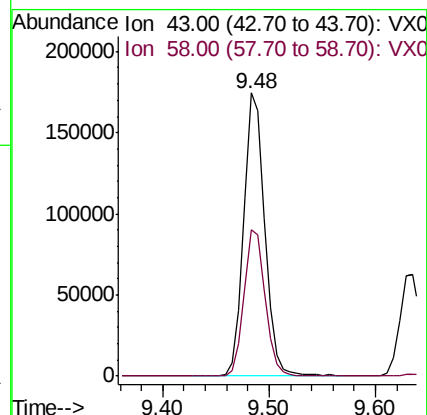
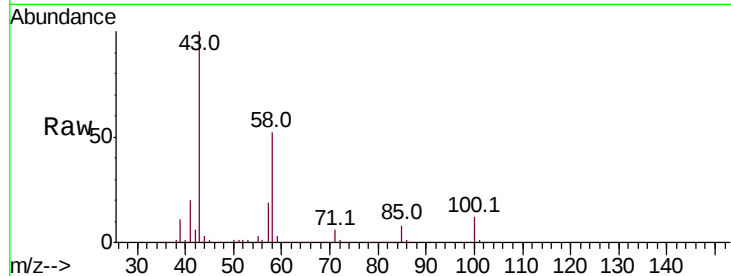




#59
2-Hexanone
Concen: 88.922 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

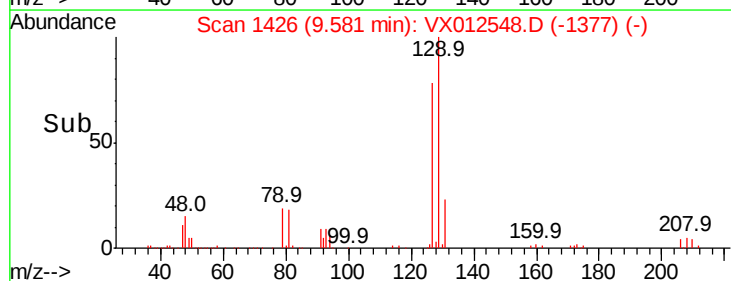
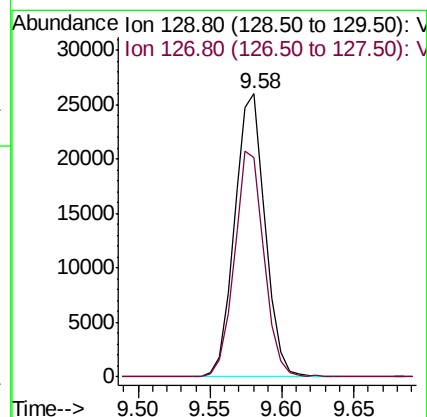
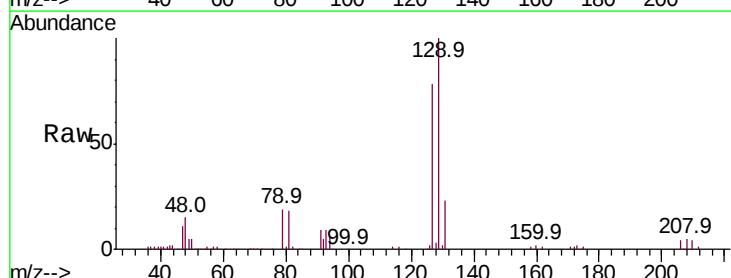
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

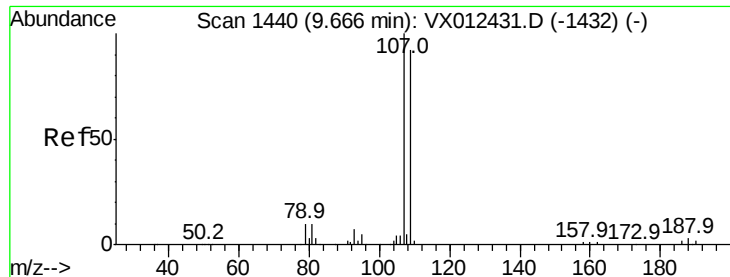
Tot Ion: 43 Resp: 242622
Ion Ratio Lower Upper
43 100
58 52.3 25.7 77.1



#60
Dibromochloromethane
Concen: 18.456 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion: 129 Resp: 38416
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.302 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

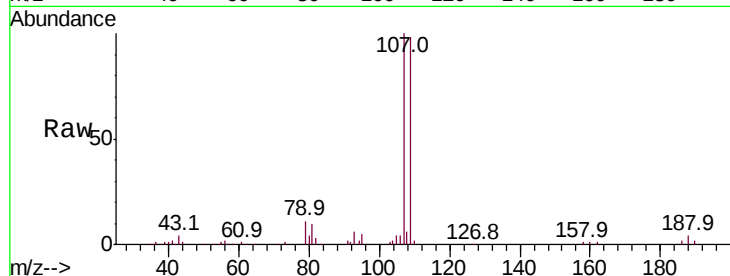
VX0920WBS01

Tot Ion:107 Resp: 36023

Ion Ratio Lower Upper

107 100

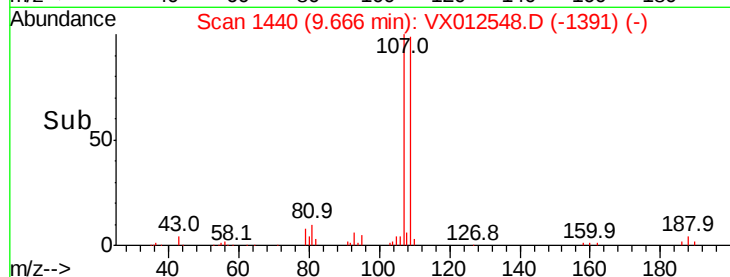
109 96.3 74.7 112.1



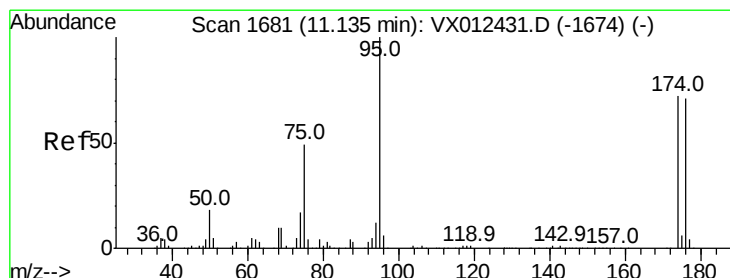
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 49.379 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

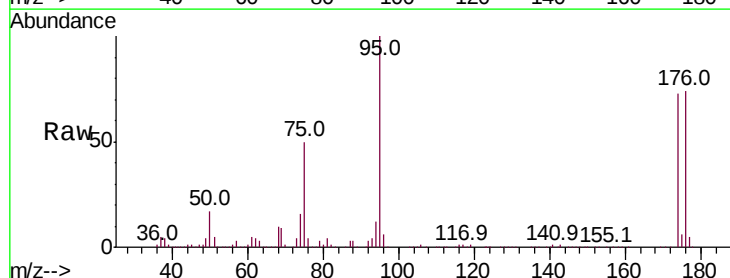
Tgt Ion: 95 Resp: 146297

Ion Ratio Lower Upper

95 100

174 72.0 0.0 140.0

176 70.0 0.0 135.4

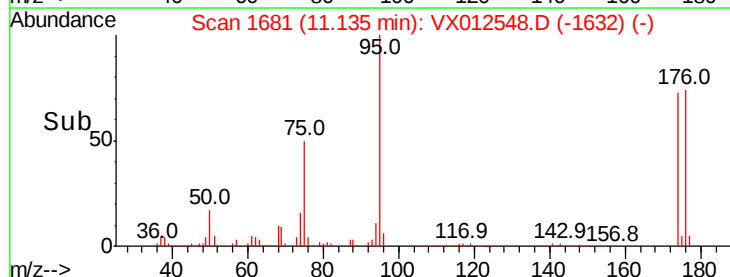


Abundance Ion 94.90 (94.60 to 95.60): VX0

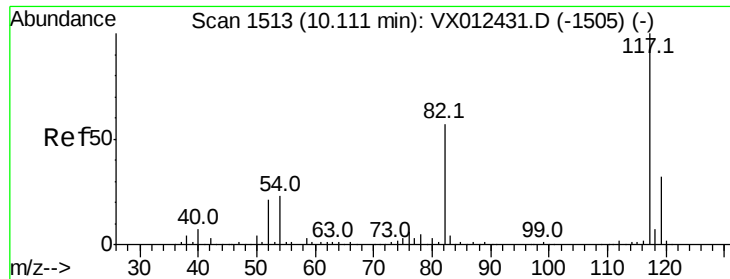
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14



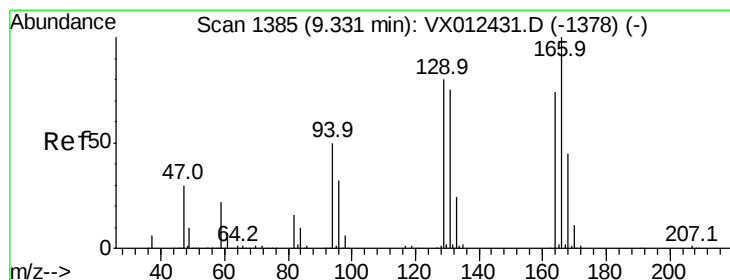
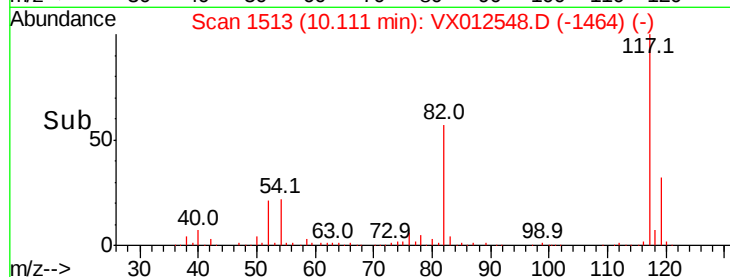
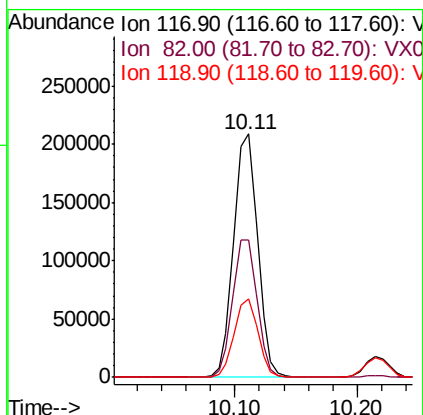
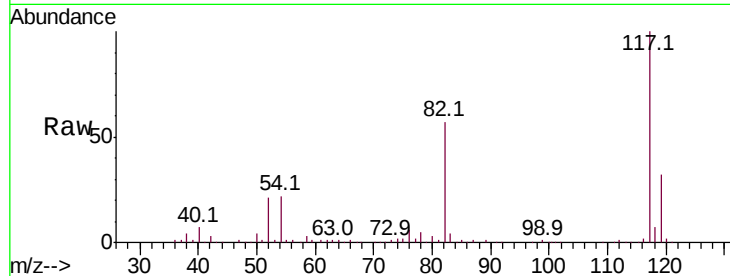
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

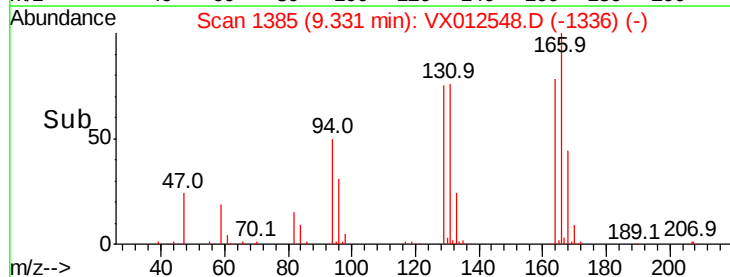
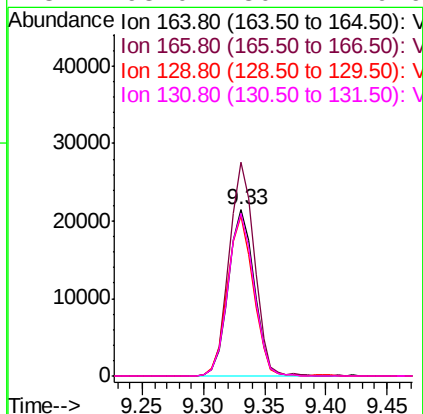
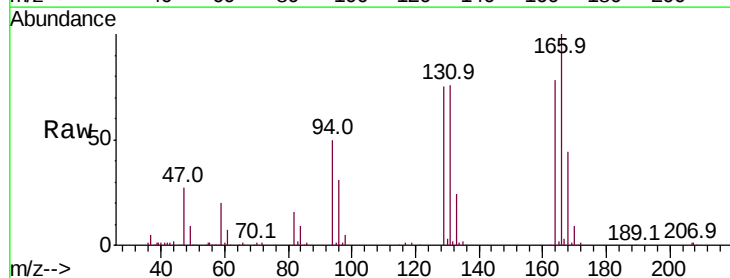
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

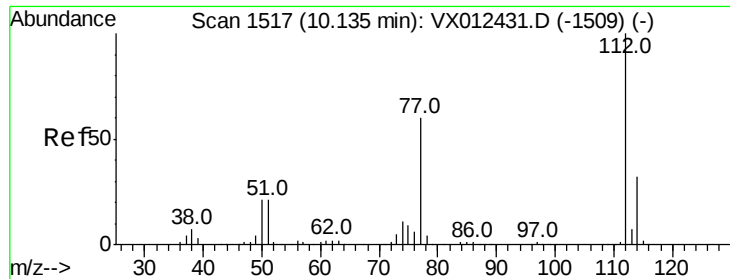
Tot Ion:117 Resp: 283105
Ion Ratio Lower Upper
117 100
82 56.6 45.9 68.9
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 23.994 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion:164 Resp: 31127
Ion Ratio Lower Upper
164 100
166 128.7 107.8 161.6
129 96.3 86.2 129.2
131 98.0 80.4 120.6





#65

Chlorobenzene

Concen: 19.640 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

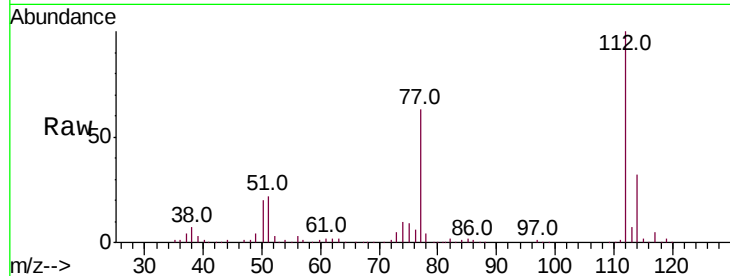
VX0920WBS01

Tot Ion:112 Resp: 91770

Ion Ratio Lower Upper

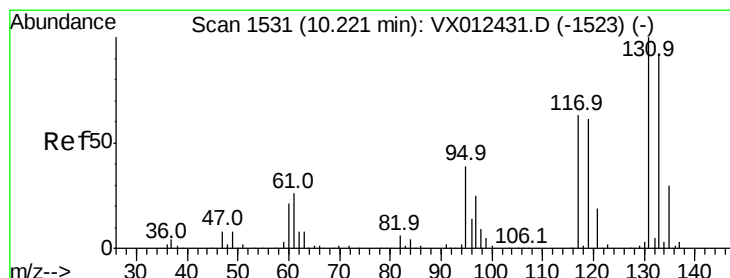
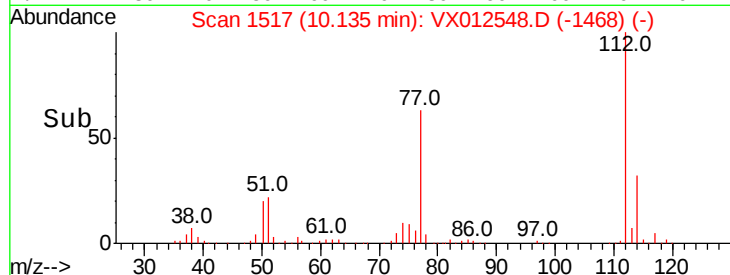
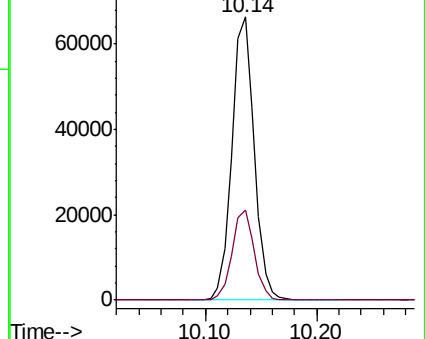
112 100

114 31.8 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.828 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

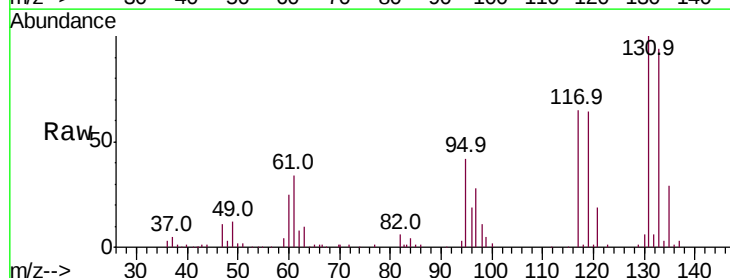
Tgt Ion:131 Resp: 36512

Ion Ratio Lower Upper

131 100

133 96.3 47.6 142.9

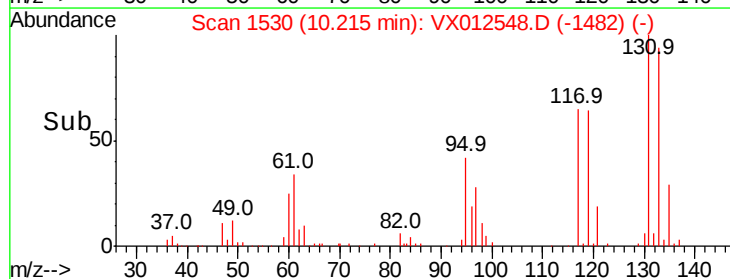
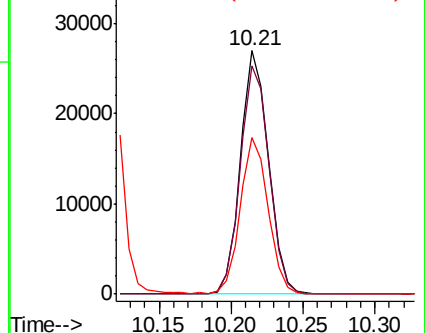
119 64.3 31.3 93.8

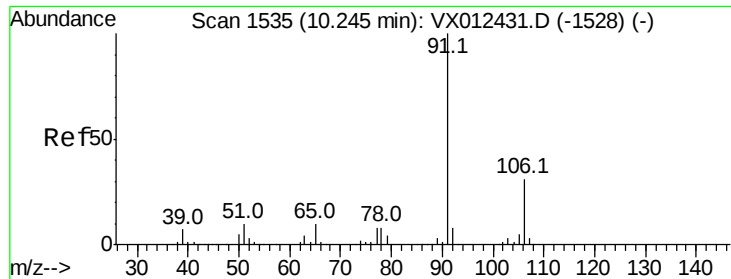


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.420 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

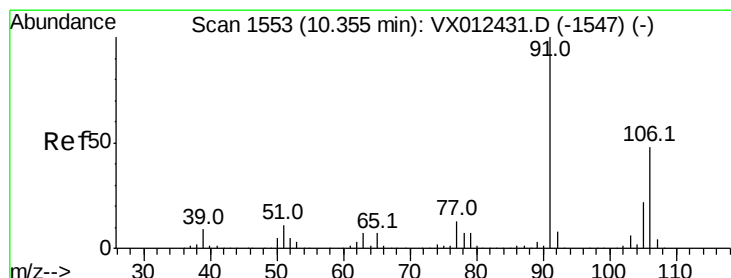
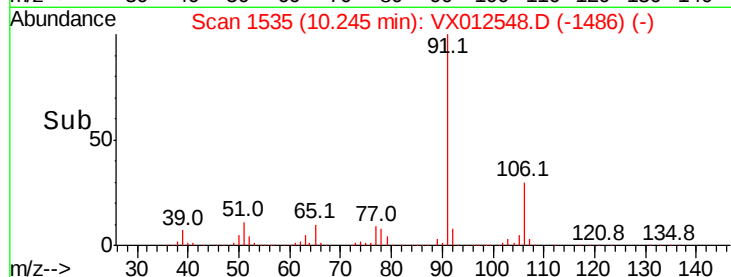
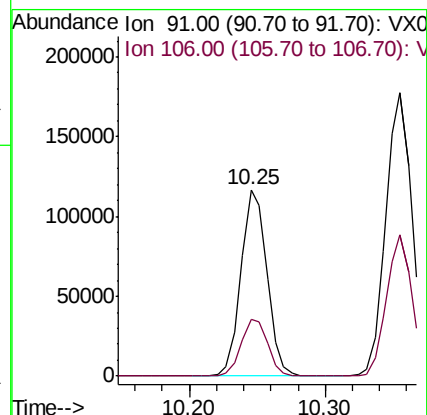
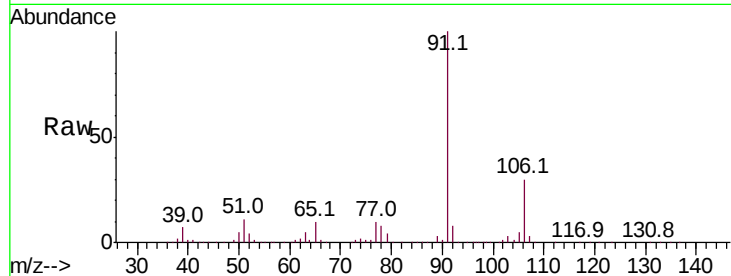
VX0920WBS01

Tot Ion: 91 Resp: 155905

Ion Ratio Lower Upper

91 100

106 30.3 24.6 37.0



#68

m/p-Xylenes

Concen: 39.852 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012548.D

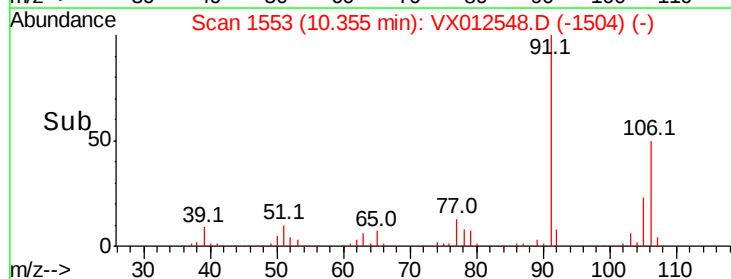
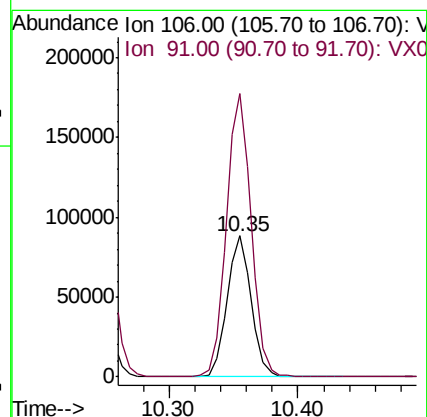
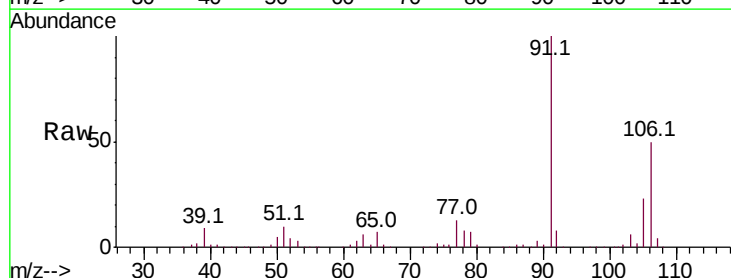
Acq: 20 Sep 2019 11:42

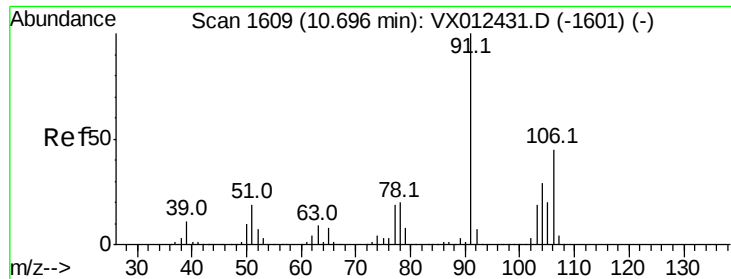
Tgt Ion:106 Resp: 116406

Ion Ratio Lower Upper

106 100

91 205.5 166.6 250.0

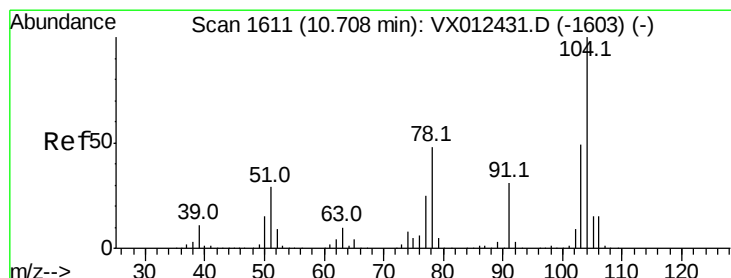
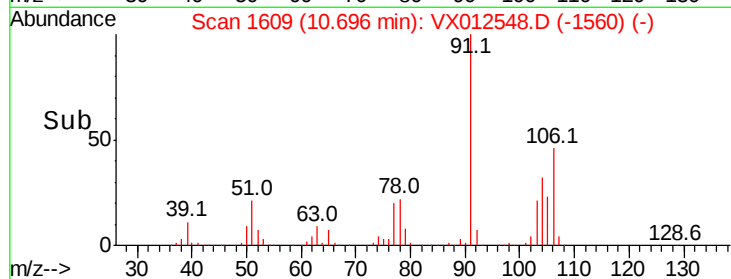
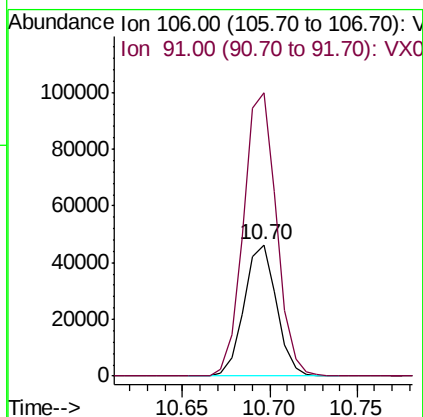
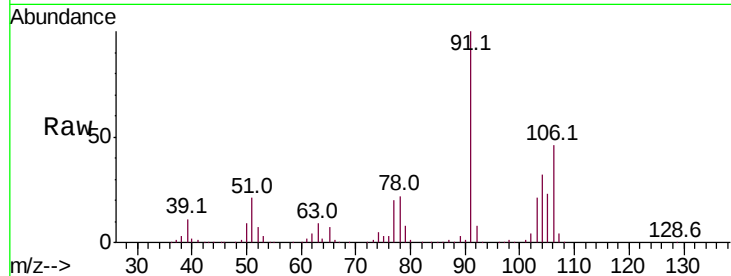




#69
o-Xylene
Concen: 19.842 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

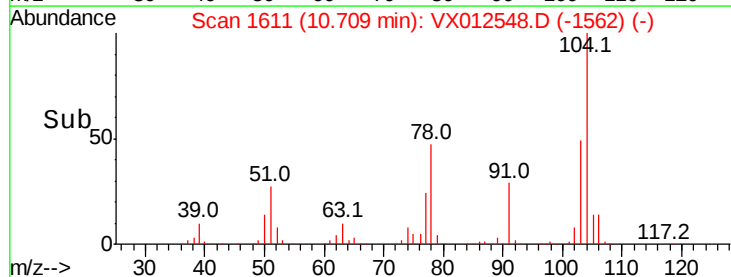
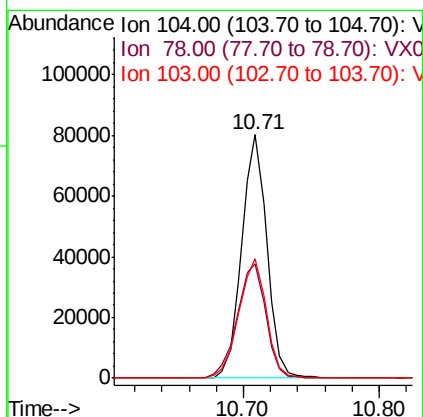
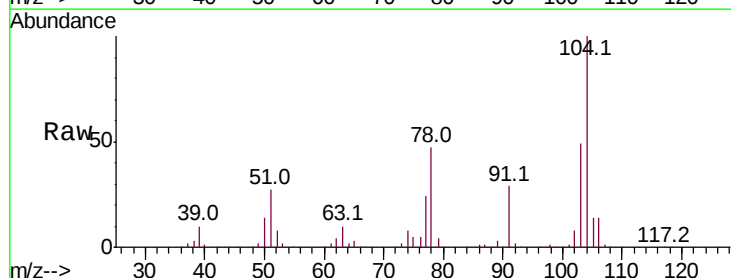
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

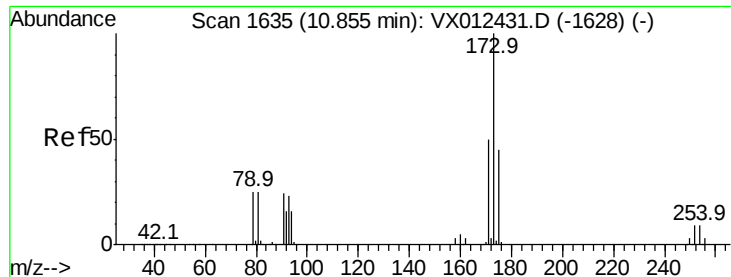
Tot Ion:106 Resp: 59603
Ion Ratio Lower Upper
106 100
91 219.8 109.4 328.2



#70
Styrene
Concen: 19.512 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion:104 Resp: 103704
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 53.5 43.3 64.9





#71

Bromoform

Concen: 17.457 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

VX0920WBS01

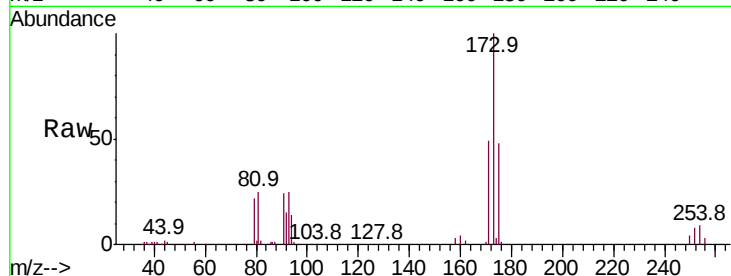
Tot Ion:173 Resp: 25840

Ion Ratio Lower Upper

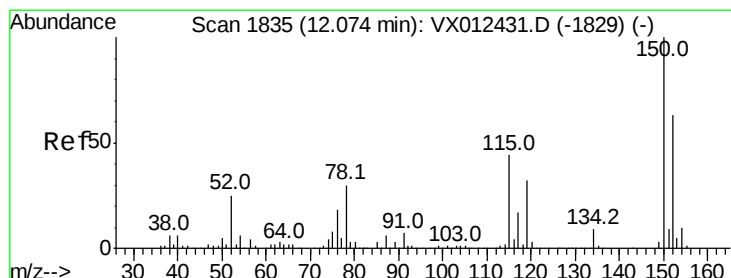
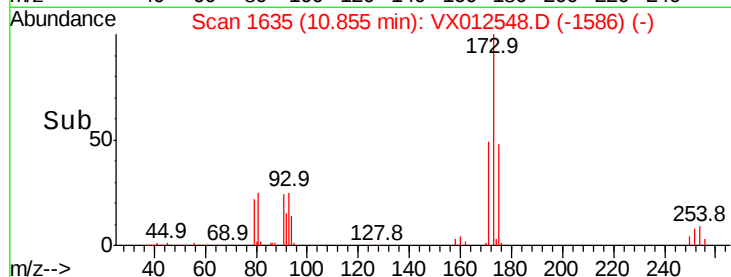
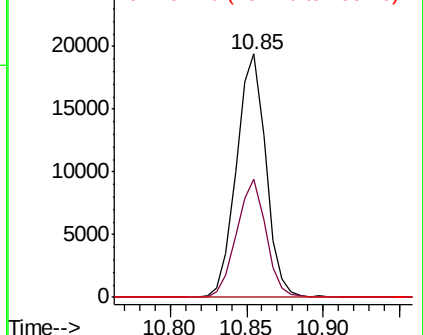
173 100

175 48.4 23.7 71.1

254 0.0 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: VX012548.D

Acq: 20 Sep 2019 11:42

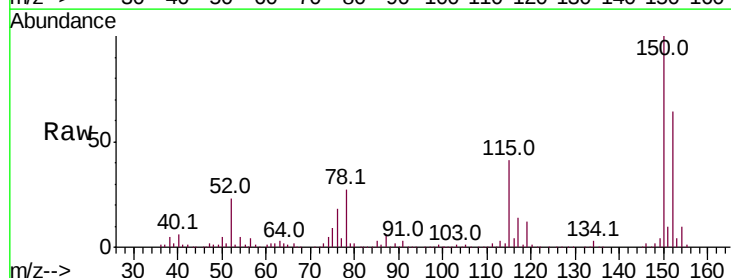
Tgt Ion:152 Resp: 134629

Ion Ratio Lower Upper

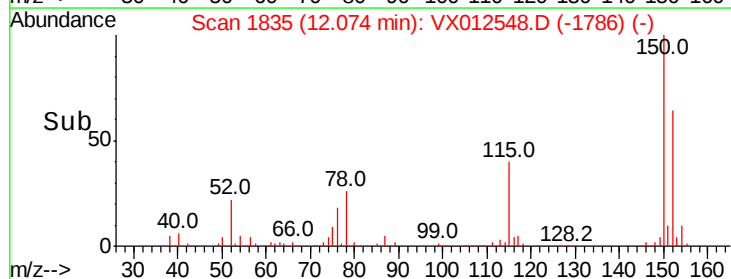
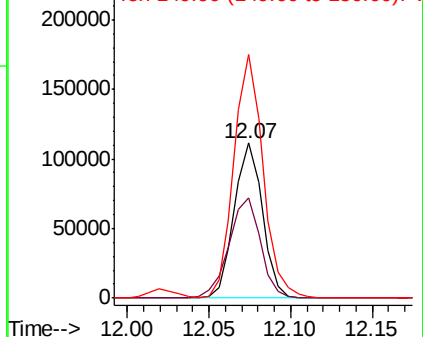
152 100

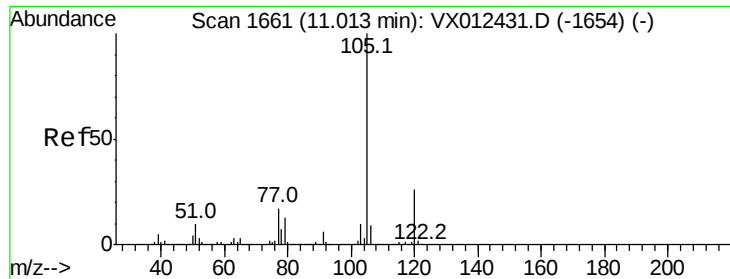
115 72.0 44.1 132.3

150 161.7 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: 19.654 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

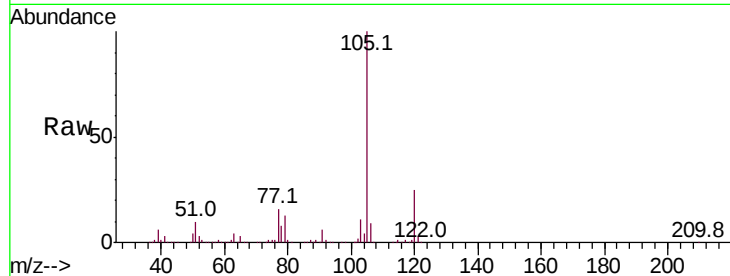
VX0920WBS01

Tot Ion:105 Resp: 166019

Ion Ratio Lower Upper

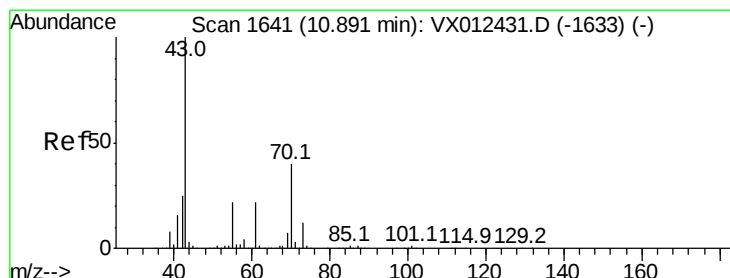
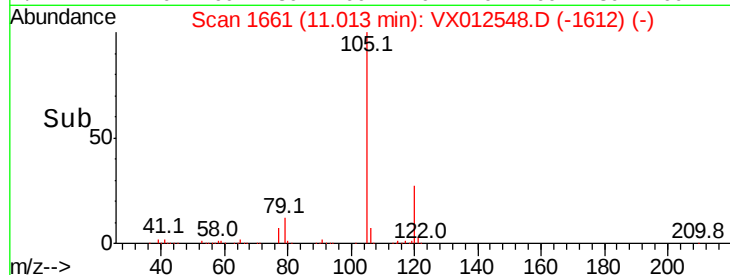
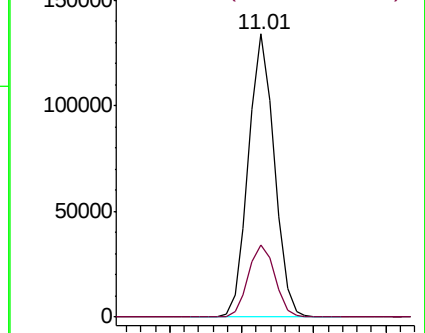
105 100

120 26.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.324 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Tgt Ion: 43 Resp: 83335

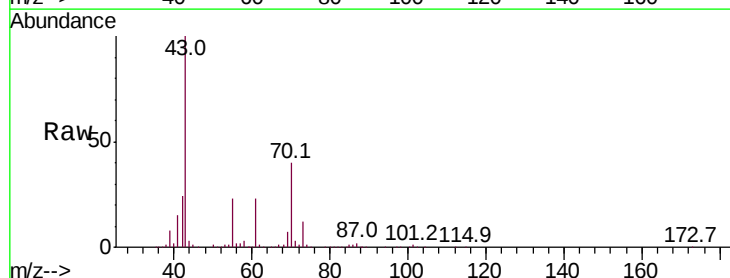
Ion Ratio Lower Upper

43 100

70 40.4 32.4 48.6

55 23.7 18.2 27.4

61 23.0 18.5 27.7

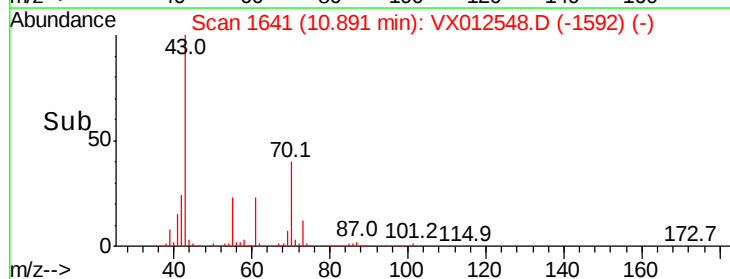
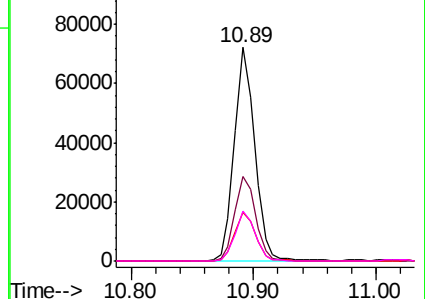


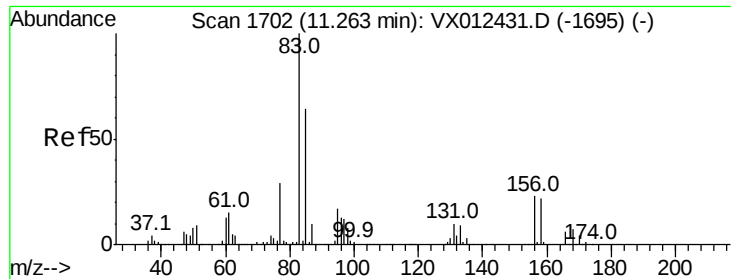
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.731 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

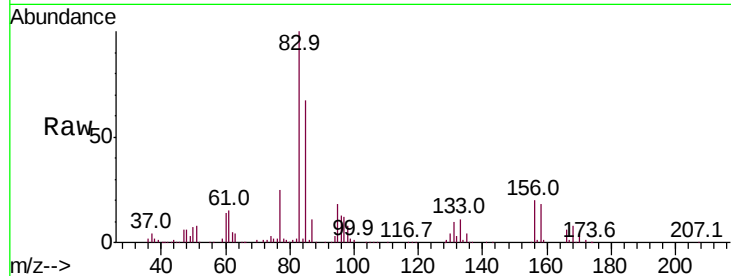
Tot Ion: 83 Resp: 62068

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

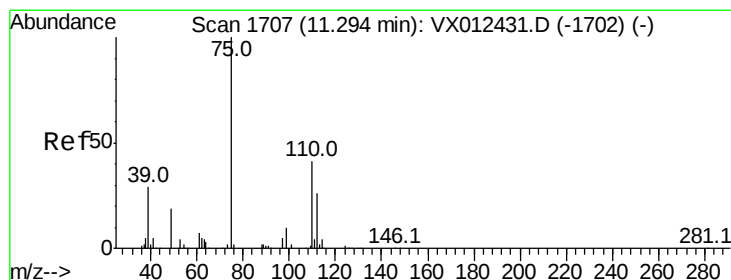
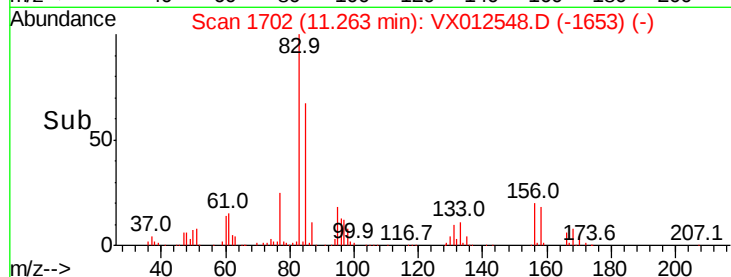
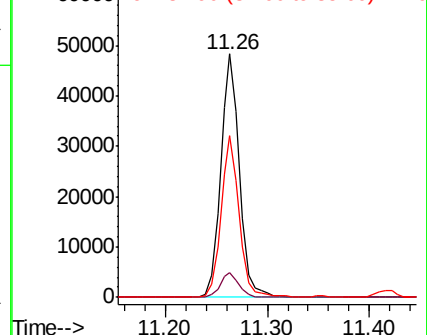
85 64.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.617 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX012548.D

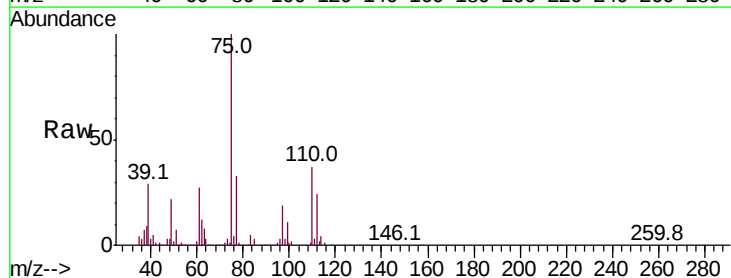
Acq: 20 Sep 2019 11:42

Tgt Ion: 75 Resp: 69945

Ion Ratio Lower Upper

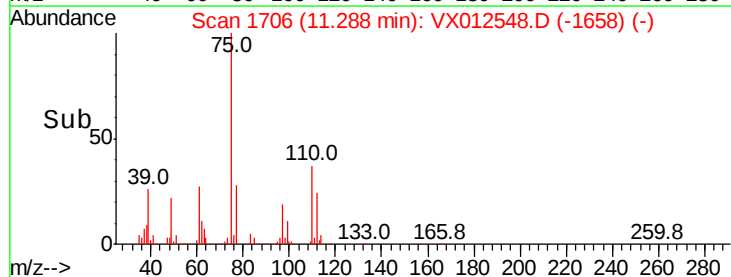
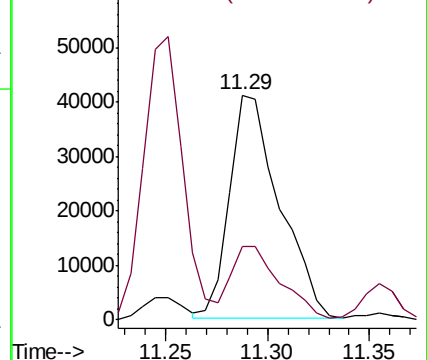
75 100

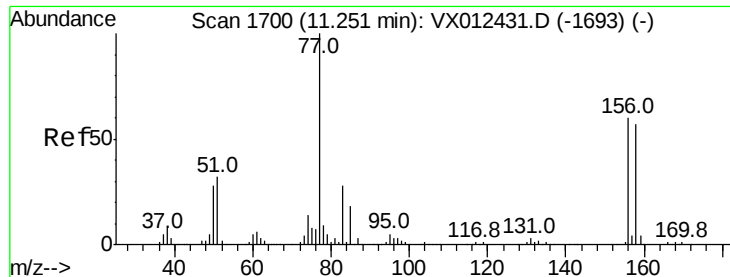
77 32.1 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.377 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

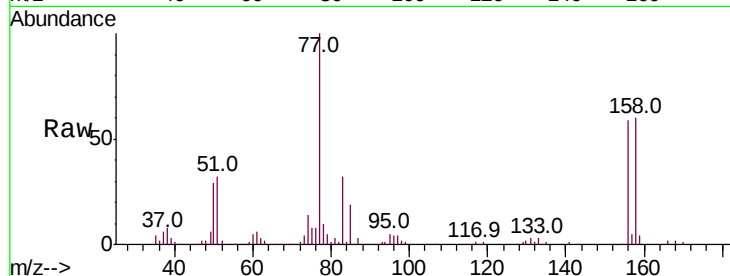
Tot Ion:156 Resp: 39918

Ion Ratio Lower Upper

156 100

77 174.8 87.3 261.8

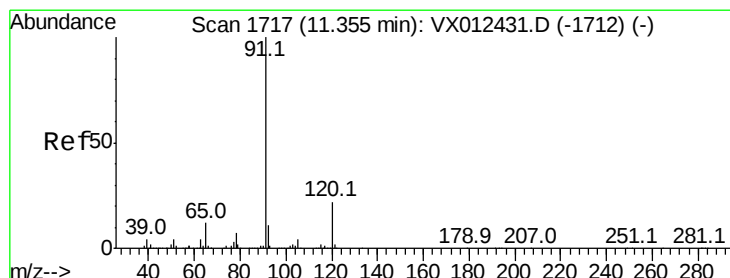
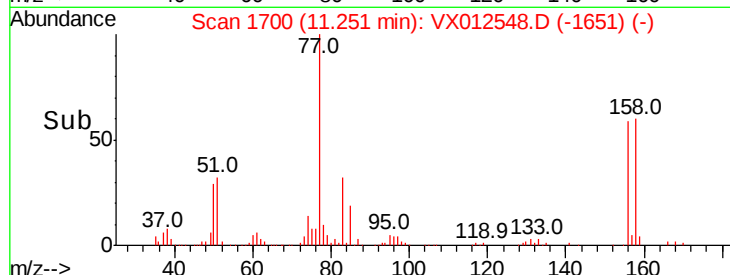
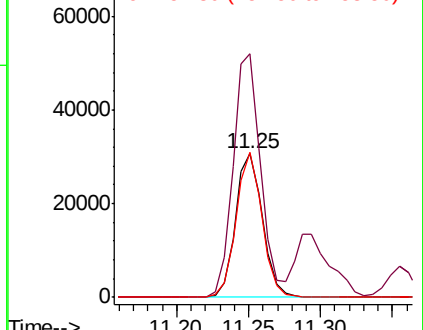
158 97.5 48.5 145.6



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: 19.227 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012548.D

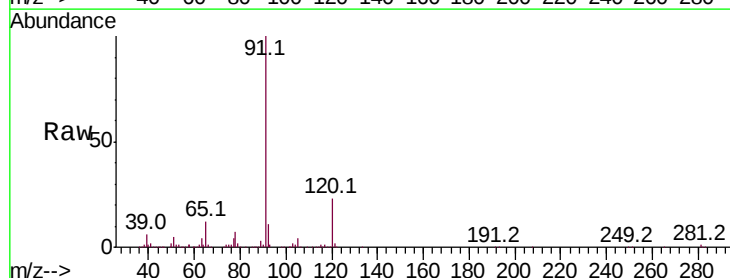
Acq: 20 Sep 2019 11:42

Tgt Ion: 91 Resp: 181021

Ion Ratio Lower Upper

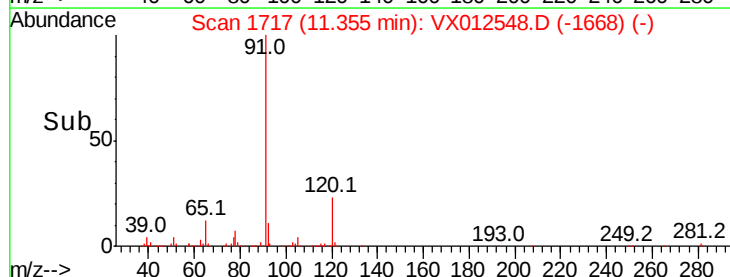
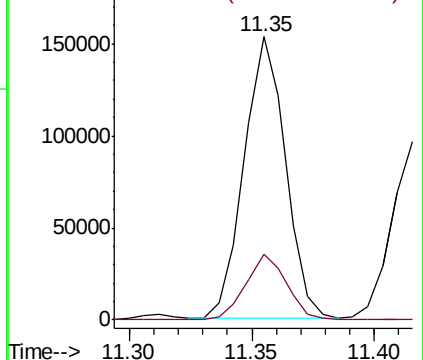
91 100

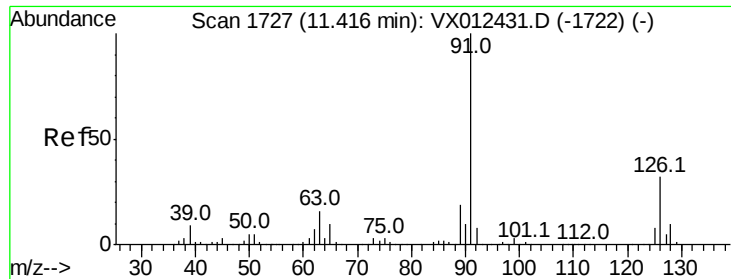
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

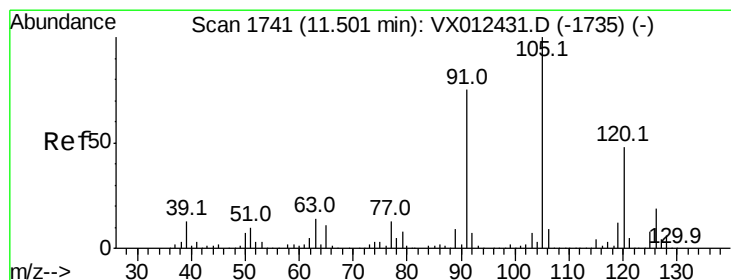
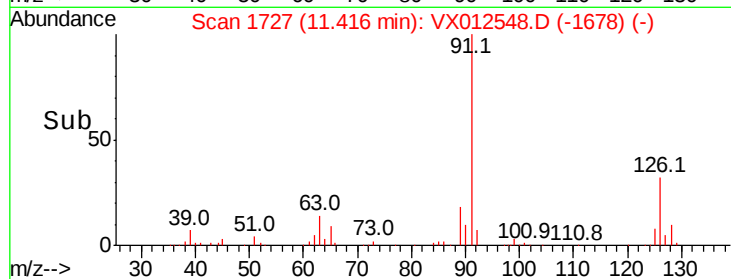
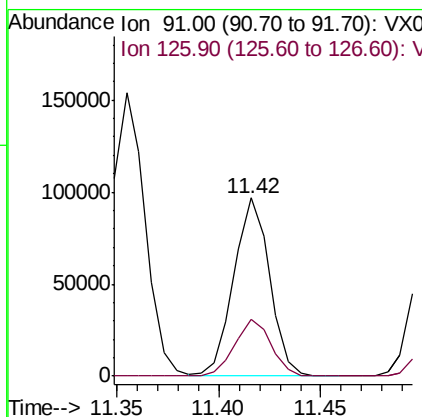
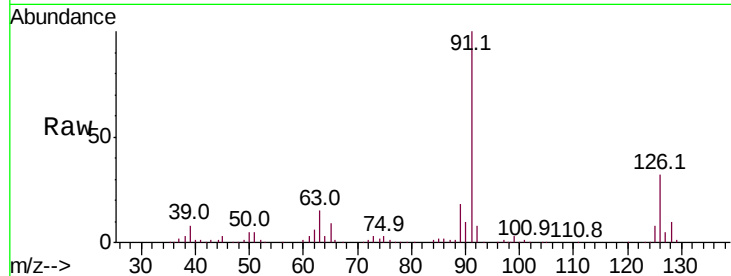




#79
 2-Chlorotoluene
 Concen: 19.174 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

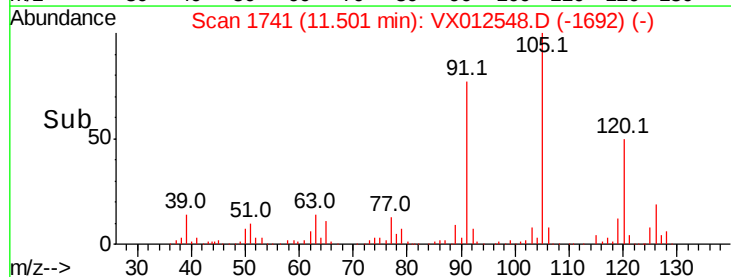
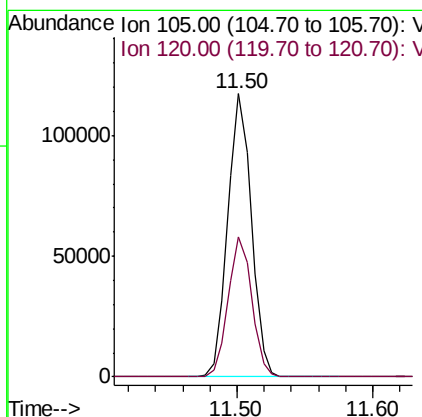
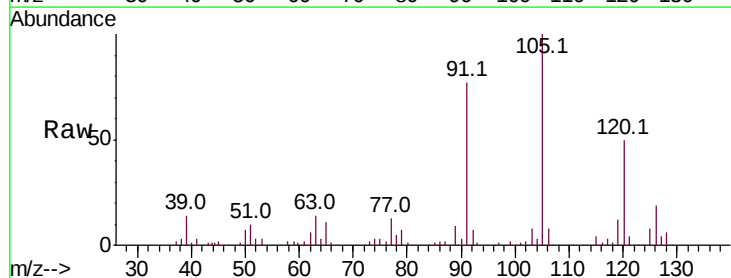
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

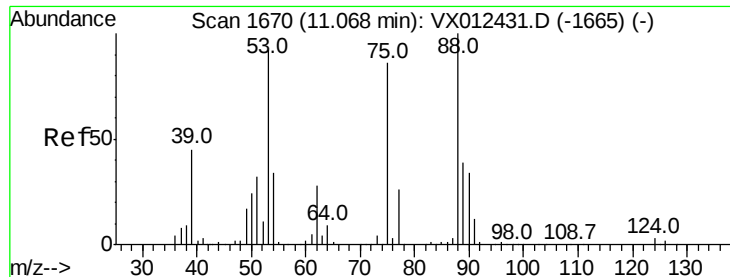
Tot Ion: 91 Resp: 117437
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.685 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion:105 Resp: 141812
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.324 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

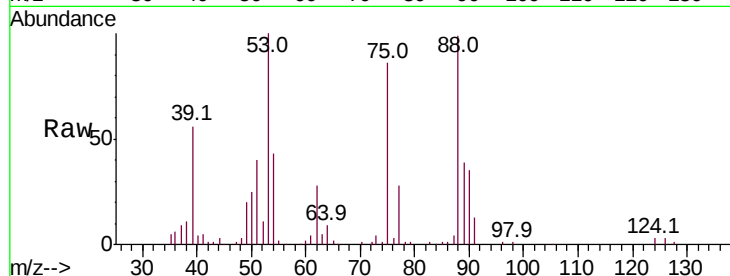
Tot Ion: 75 Resp: 17086

Ion Ratio Lower Upper

75 100

53 115.8 83.6 125.4

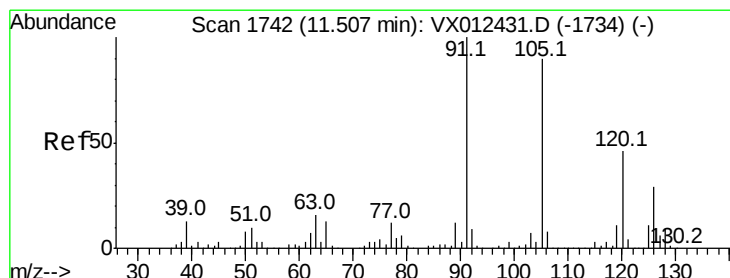
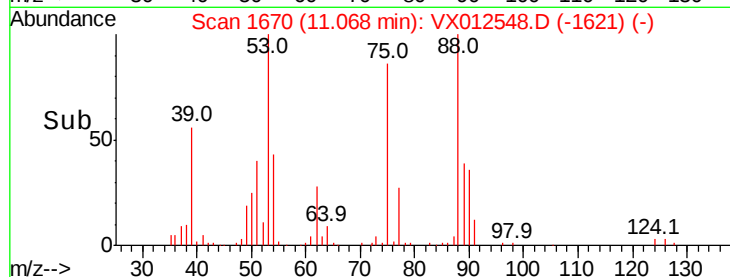
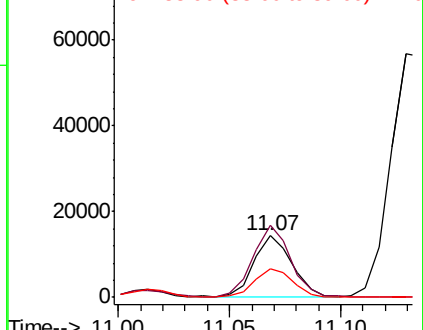
89 47.5 36.3 54.5



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: 19.288 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012548.D

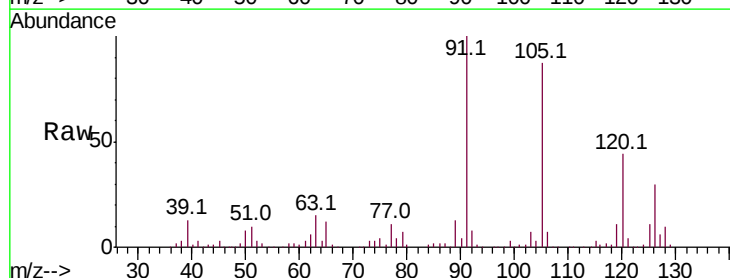
Acq: 20 Sep 2019 11:42

Tgt Ion: 91 Resp: 135583

Ion Ratio Lower Upper

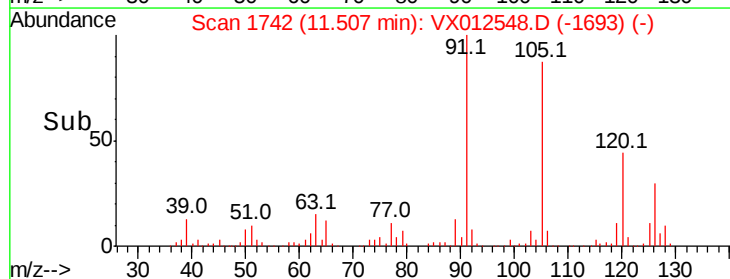
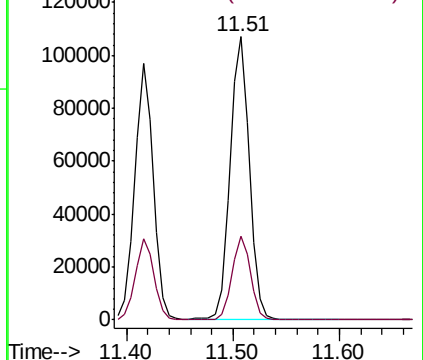
91 100

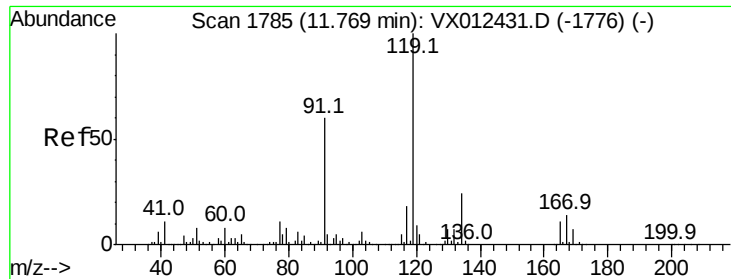
126 28.8 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.567 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

VX0920WBS01

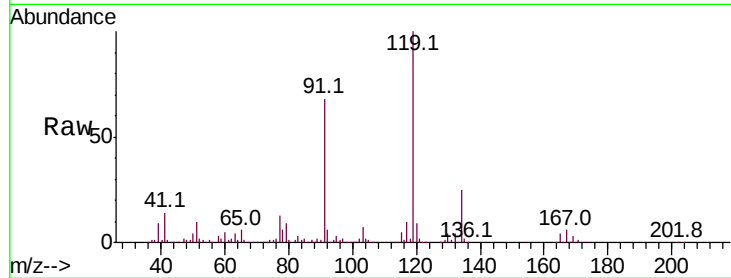
Tot Ion:119 Resp: 143329

Ion Ratio Lower Upper

119 100

91 62.2 30.0 90.0

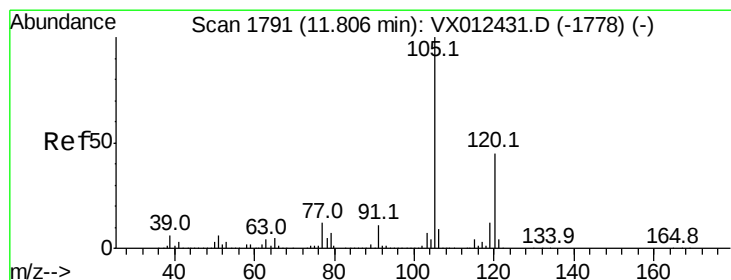
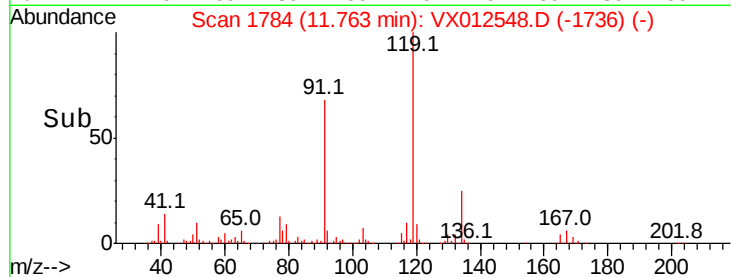
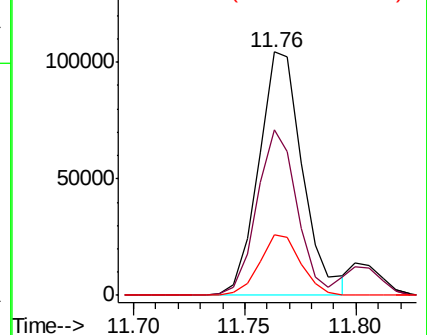
134 23.6 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.485 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX012548.D

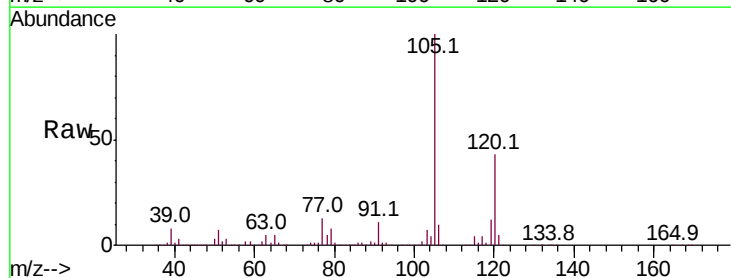
Acq: 20 Sep 2019 11:42

Tgt Ion:105 Resp: 144132

Ion Ratio Lower Upper

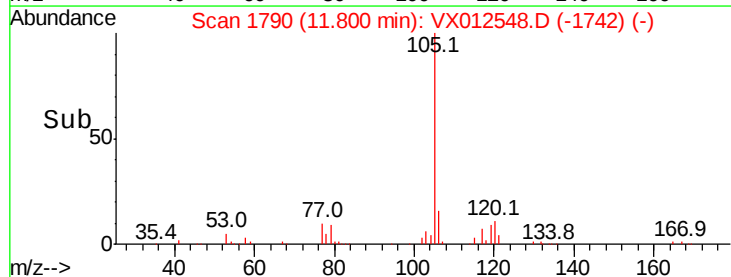
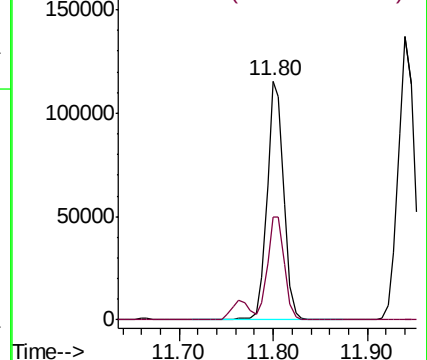
105 100

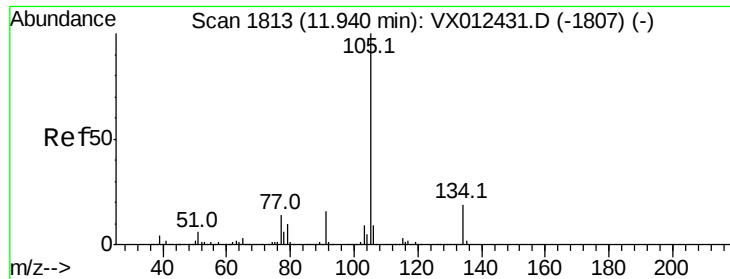
120 43.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.465 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

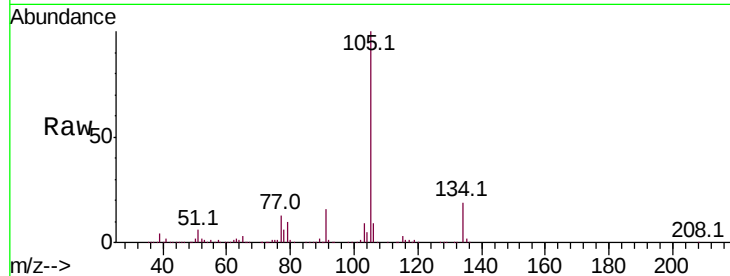
VX0920WBS01

Tot Ion:105 Resp: 165574

Ion Ratio Lower Upper

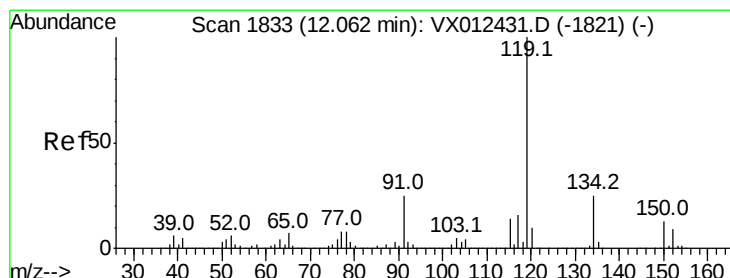
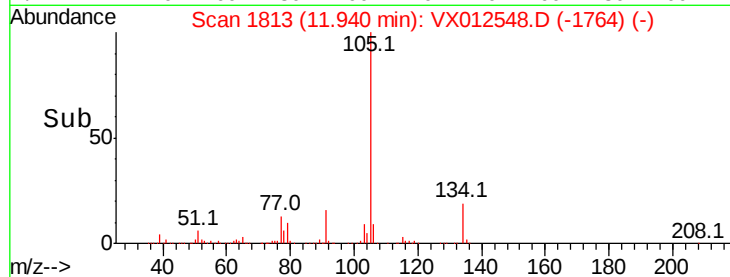
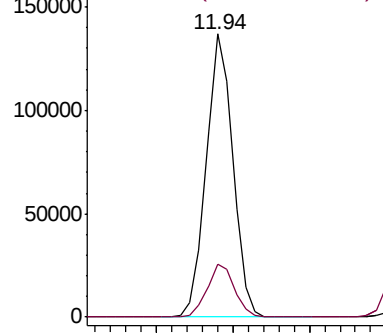
105 100

134 19.1 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.230 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

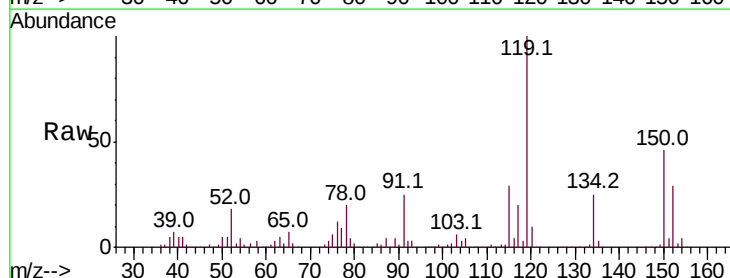
Tgt Ion:119 Resp: 150204

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

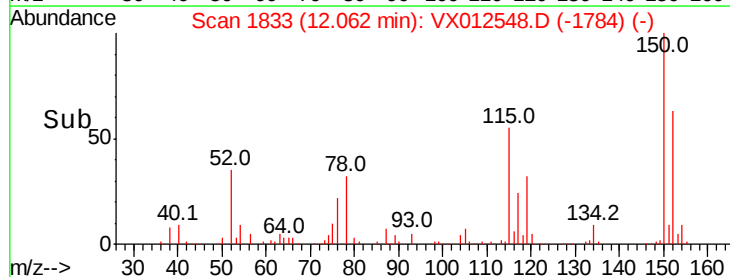
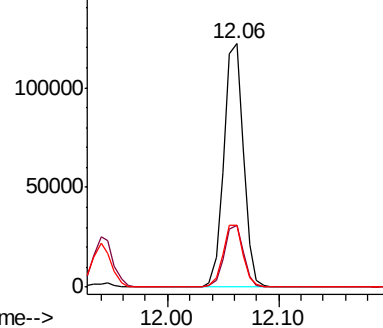
91 26.2 12.8 38.4

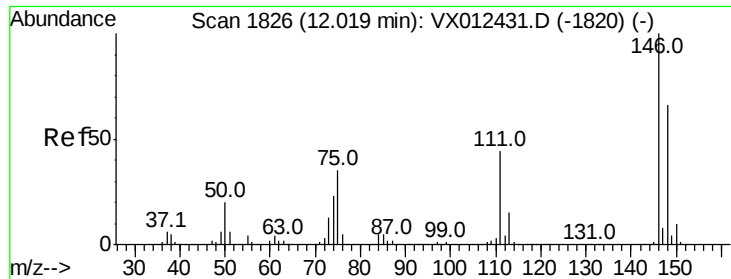


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

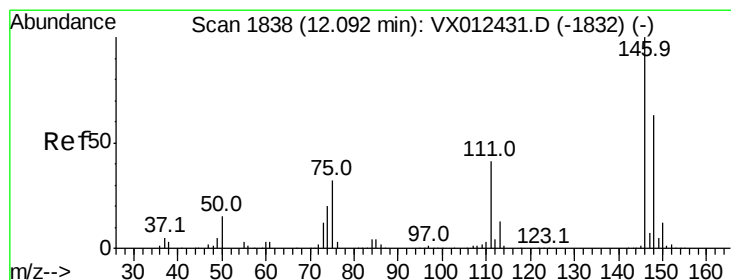
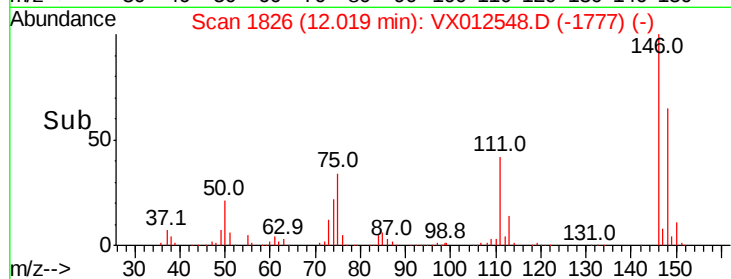
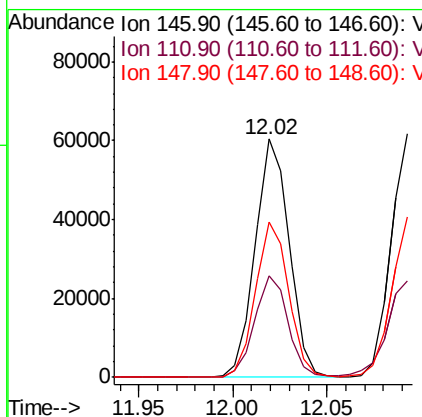
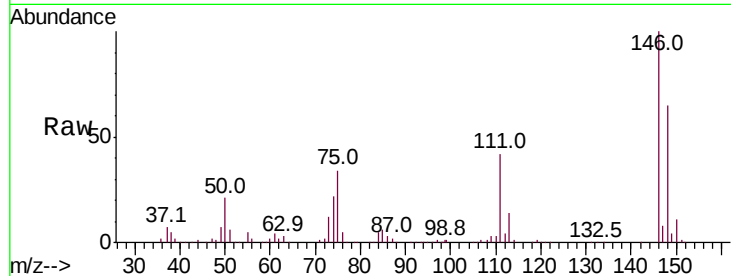




#87
 1,3-Dichlorobenzene
 Concen: 19.531 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

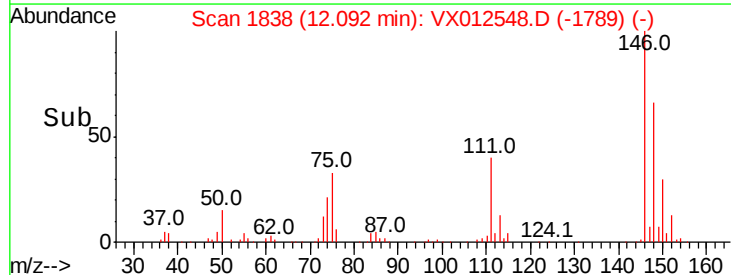
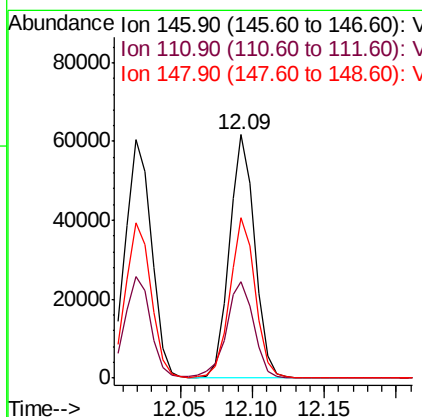
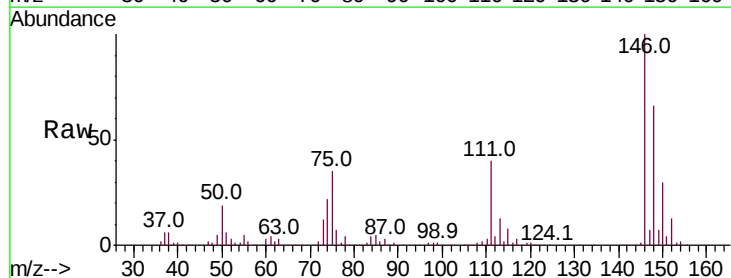
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

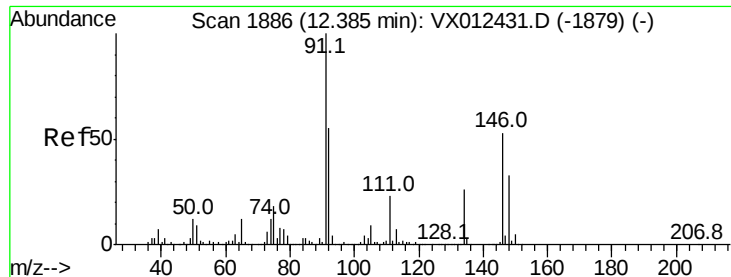
Tot Ion:146 Resp: 75689
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 64.0
 148 63.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 19.229 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion:146 Resp: 76545
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.3
 148 65.8 32.1 96.5





#89

n-Butylbenzene

Concen: 18.310 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012548.D

Acq: 20 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

VX0920WBS01

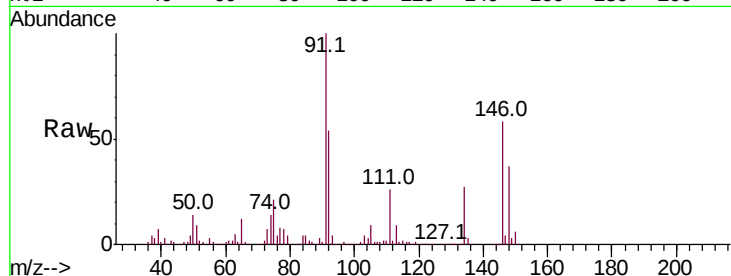
Tot Ion: 91 Resp: 127604

Ion Ratio Lower Upper

91 100

92 54.6 27.7 83.0

134 26.6 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX012431.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX012431.D (-1879) (-)

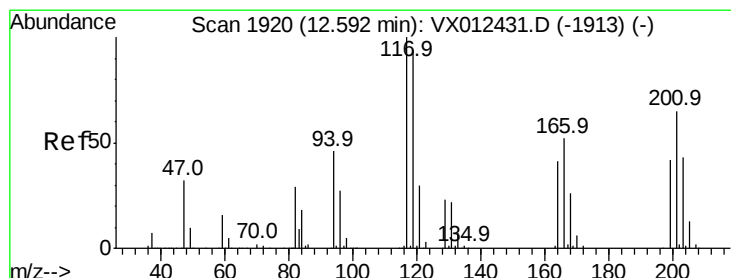
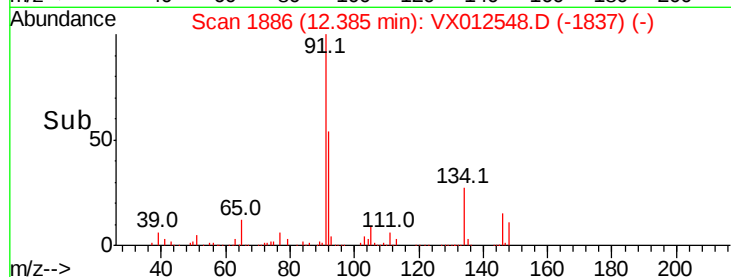
12.39

100000

50000

0

Time--> 12.30 12.35 12.40 12.45



#90

Hexachloroethane

Concen: 17.454 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012548.D

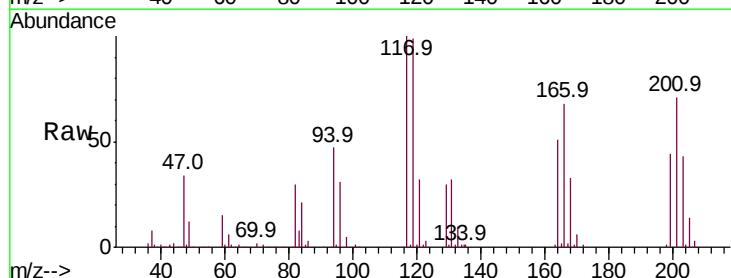
Acq: 20 Sep 2019 11:42

Tgt Ion: 117 Resp: 24997

Ion Ratio Lower Upper

117 100

201 72.4 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012431.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012431.D (-1913) (-)

12.59

20000

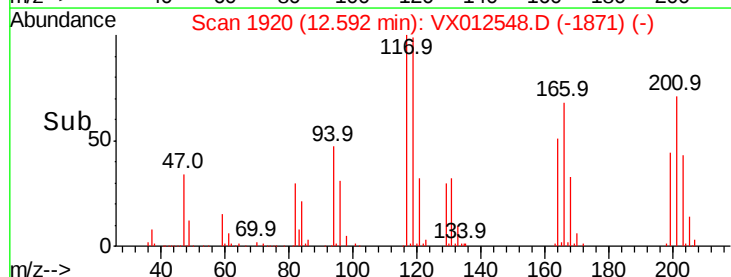
15000

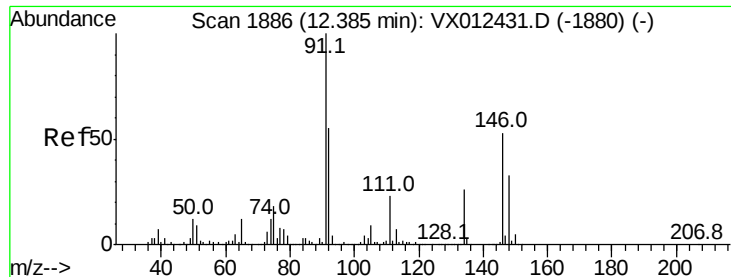
10000

5000

0

Time--> 12.55 12.60 12.65

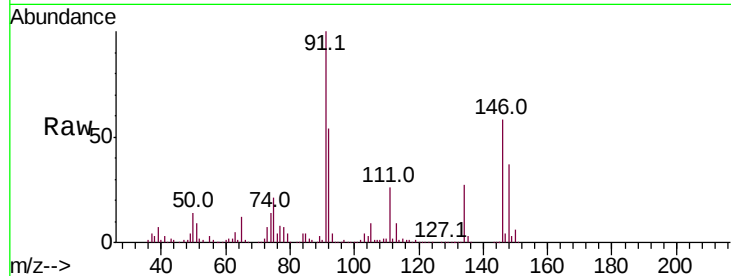




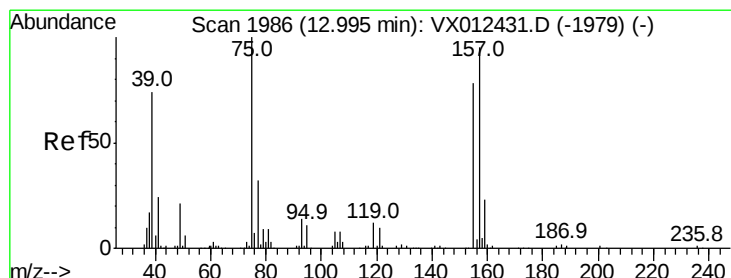
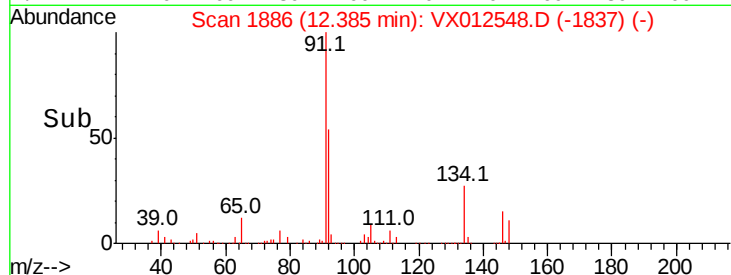
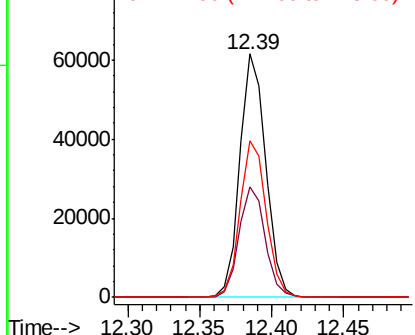
#91
 1,2-Dichlorobenzene
 Concen: 19.052 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Tot Ion:146 Resp: 77166
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.1 66.1
 148 64.6 31.3 93.9

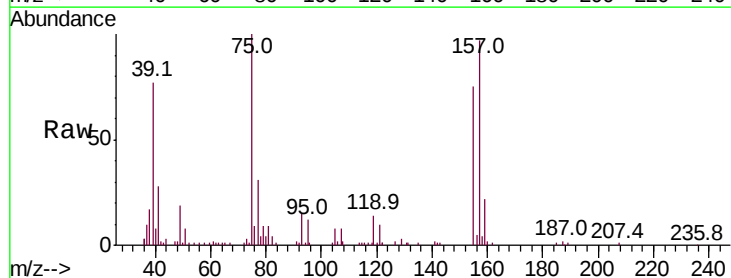


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

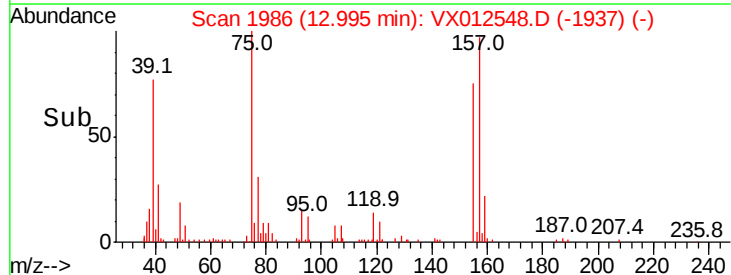
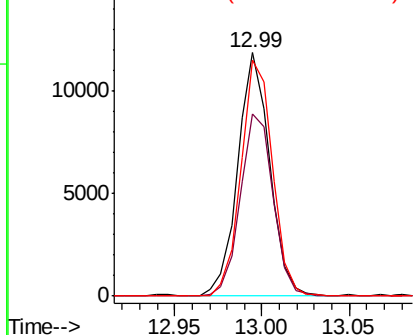


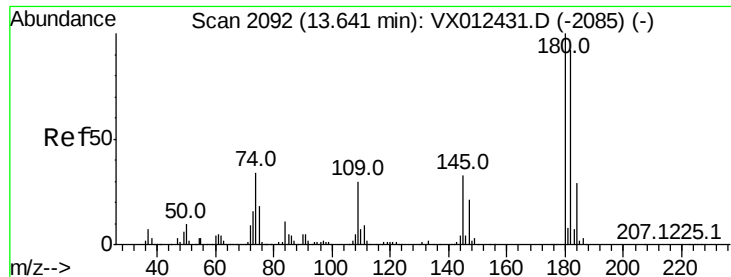
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.532 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion: 75 Resp: 15061
 Ion Ratio Lower Upper
 75 100
 155 76.8 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

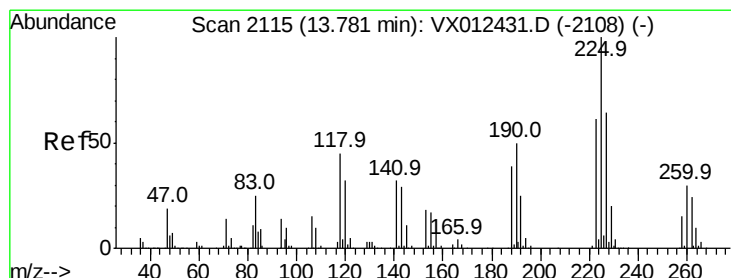
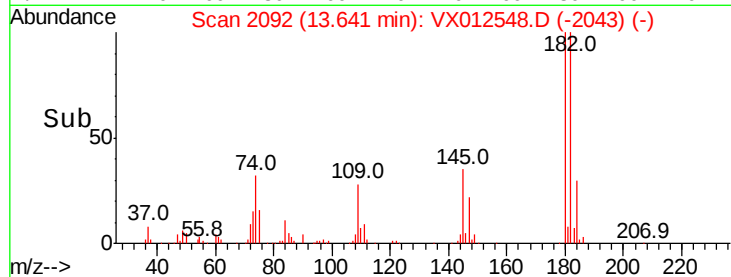
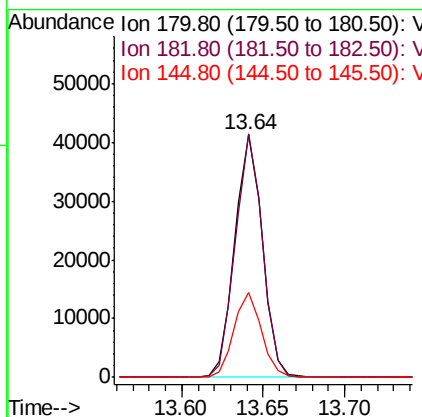
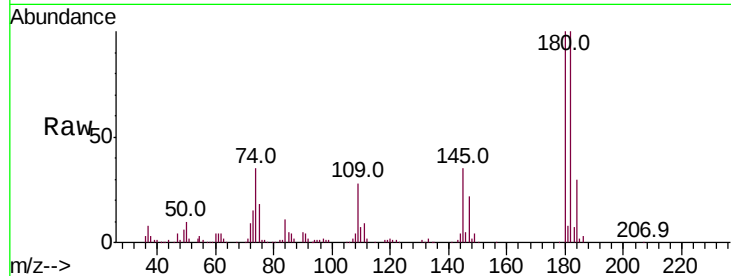




#93
 1,2,4-Trichlorobenzene
 Concen: 18.752 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

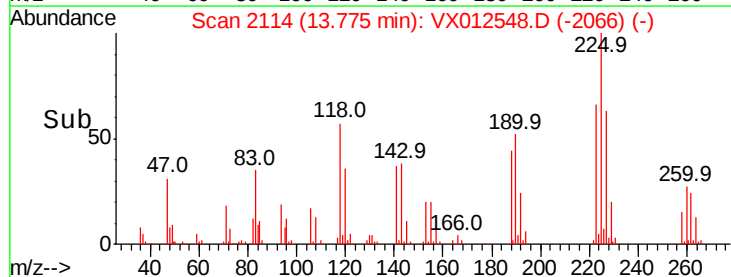
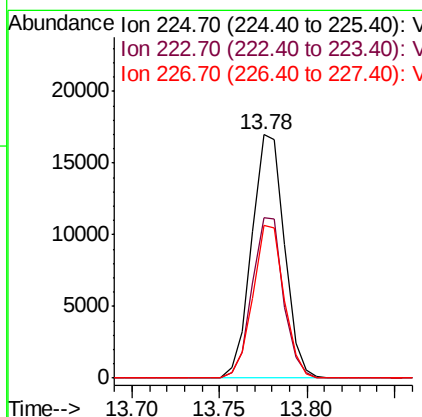
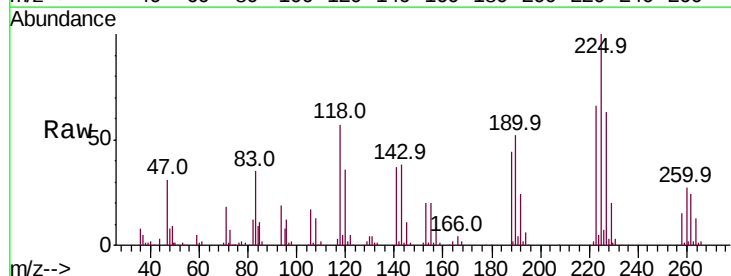
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

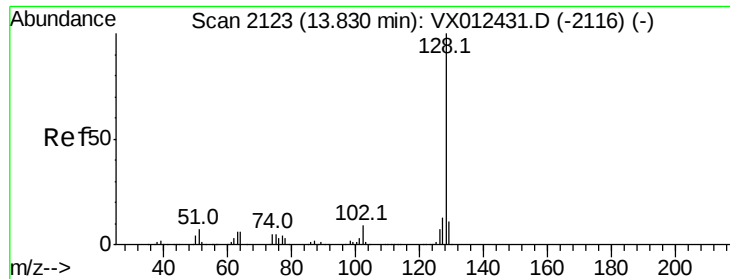
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.0	141.0
145	34.6	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 17.934 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012548.D
 Acq: 20 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.0	96.2
227	60.2	31.9	95.5

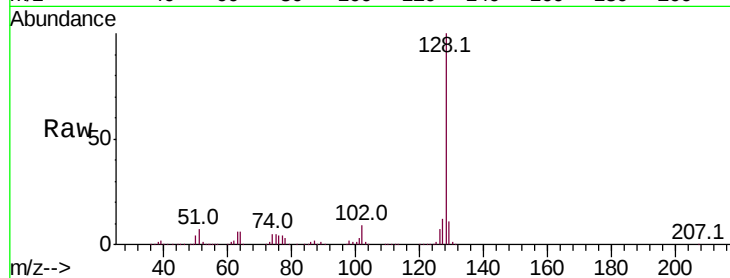




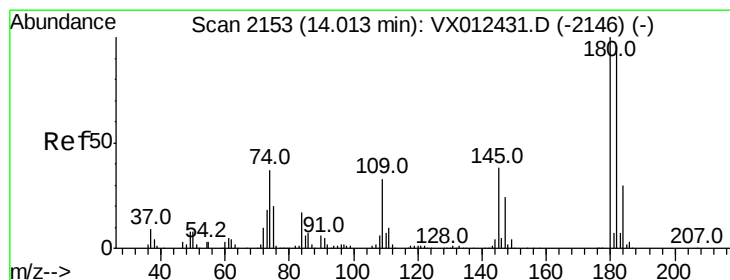
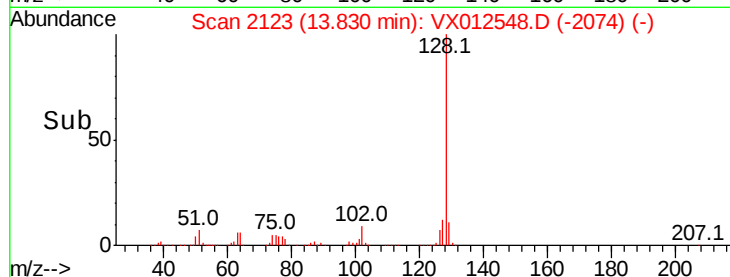
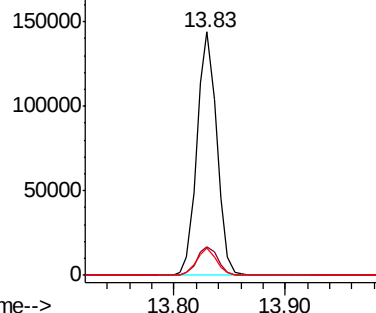
#95
Naphthalene
Concen: 19.107 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tot Ion:128 Resp: 177367
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.1 8.8 13.2

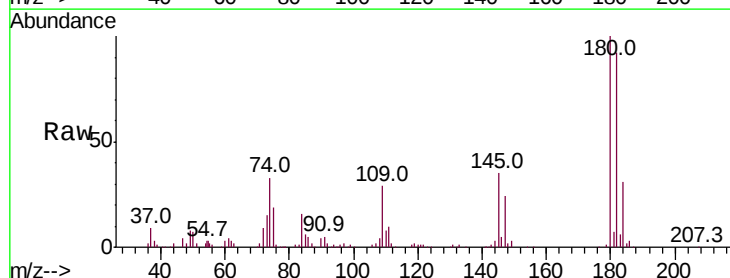


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.223 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012548.D
Acq: 20 Sep 2019 11:42

Tgt Ion:180 Resp: 51105
Ion Ratio Lower Upper
180 100
182 96.9 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

