

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012520.D
 Acq On : 19 Sep 2019 12:04
 Operator : JC/SP
 Sample : VX0919WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Quant Time: Sep 20 04:31:10 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	201209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	325376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141253	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	133299	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	5.48	113	98017	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	362152	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	146551	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	26890	20.265	ug/l	99
3) Chloromethane	1.31	50	21798	19.705	ug/l	97
4) Vinyl Chloride	1.40	62	24095	20.153	ug/l	94
5) Bromomethane	1.63	94	12919	27.504	ug/l	98
6) Chloroethane	1.72	64	17233	18.419	ug/l	99
7) Trichlorofluoromethane	1.92	101	46302	21.126	ug/l	99
8) Diethyl Ether	2.17	74	19936	20.139	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33771	21.296	ug/l	99
10) Methyl Iodide	2.50	142	22728	19.660	ug/l	97
11) Tert butyl alcohol	3.03	59	65341	85.486	ug/l	98
12) 1,1-Dichloroethene	2.36	96	25881	20.459	ug/l	93
13) Acrolein	2.28	56	17592	68.251	ug/l	99
14) Allyl chloride	2.72	41	57934	19.671	ug/l	97
15) Acrylonitrile	3.12	53	121859	97.516	ug/l	100
16) Acetone	2.43	43	132690	95.792	ug/l	98
17) Carbon Disulfide	2.56	76	30942	18.477	ug/l	96
18) Methyl Acetate	2.76	43	59180	19.694	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	137803	19.979	ug/l	98
20) Methylene Chloride	2.84	84	35096	20.110	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	27295	20.778	ug/l	93
22) Diisopropyl ether	3.84	45	139616	20.247	ug/l	97
23) Vinyl Acetate	3.80	43	569071	100.321	ug/l	99
24) 1,1-Dichloroethane	3.69	63	68033	20.620	ug/l	99
25) 2-Butanone	4.65	43	185438	92.703	ug/l	100
26) 2,2-Dichloropropane	4.57	77	63373	19.530	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	40603	20.691	ug/l	96
28) Bromochloromethane	5.00	49	32801	19.284	ug/l	94
29) Tetrahydrofuran	5.11	42	108223	97.934	ug/l	100
30) Chloroform	5.20	83	76482	20.184	ug/l	98
31) Cyclohexane	5.56	56	41440	20.806	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	64398	20.334	ug/l	99
36) 1,1-Dichloropropene	5.78	75	42711	21.599	ug/l	97
37) Ethyl Acetate	4.82	43	63552	20.937	ug/l	97
38) Carbon Tetrachloride	5.77	117	50280	20.444	ug/l	98

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Quant Time: Sep 20 04:31:10 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	42856	22.293	ug/l	97
40) Benzene	6.13	78	134493	21.388	ug/l	99
41) Methacrylonitrile	5.02	41	38675	19.788	ug/l	98
42) 1,2-Dichloroethane	6.17	62	61179	20.976	ug/l	97
43) Isopropyl Acetate	6.43	43	108566	19.928	ug/l	98
44) Trichloroethene	7.20	130	37390	22.604	ug/l	95
45) 1,2-Dichloropropane	7.50	63	40170	20.793	ug/l	95
46) Dibromomethane	7.65	93	26743	21.391	ug/l	97
47) Bromodichloromethane	7.89	83	57769	20.753	ug/l	95
48) Methyl methacrylate	7.76	41	50741	19.758	ug/l	97
49) 1,4-Dioxane	7.73	88	24421	390.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	358455	100.329	ug/l	100
52) Toluene	8.78	92	88951	21.952	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59193	20.456	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63266	21.119	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44537	21.334	ug/l	96
56) Ethyl methacrylate	9.17	69	67691	20.739	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71964	21.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	173872	102.912	ug/l	100
59) 2-Hexanone	9.48	43	272552	97.781	ug/l	100
60) Dibromochloromethane	9.57	129	44236	20.803	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41739	21.892	ug/l	98
64) Tetrachloroethene	9.33	164	33001	24.401	ug/l	94
65) Chlorobenzene	10.14	112	104370	21.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	43392	21.463	ug/l	99
67) Ethyl Benzene	10.25	91	181479	21.684	ug/l	99
68) m/p-Xylenes	10.36	106	133290	43.772	ug/l	99
69) o-Xylene	10.70	106	67763	21.638	ug/l	100
70) Styrene	10.71	104	119200	21.513	ug/l	99
71) Bromoform	10.85	173	30403	19.333	ug/l #	99
73) Isopropylbenzene	11.01	105	192356	21.704	ug/l	99
74) N-amyl acetate	10.89	43	96317	20.186	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	69845	20.090	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	79451	24.486	ug/l	88
77) Bromobenzene	11.25	156	47231	21.851	ug/l	98
78) n-propylbenzene	11.35	91	215611	21.827	ug/l	99
79) 2-Chlorotoluene	11.42	91	135758	21.126	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	165060	21.838	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19743	18.766	ug/l	91
82) 4-Chlorotoluene	11.51	91	158980	21.556	ug/l	100
83) tert-Butylbenzene	11.76	119	171403	21.163	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	170205	21.931	ug/l	99
85) sec-Butylbenzene	11.94	105	192321	21.549	ug/l	98
86) p-Isopropyltoluene	12.06	119	176155	21.495	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	87996	21.642	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	89263	21.372	ug/l	99
89) n-Butylbenzene	12.39	91	154709	21.158	ug/l	98
90) Hexachloroethane	12.59	117	30804	20.499	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	92314	21.723	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17220	19.105	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
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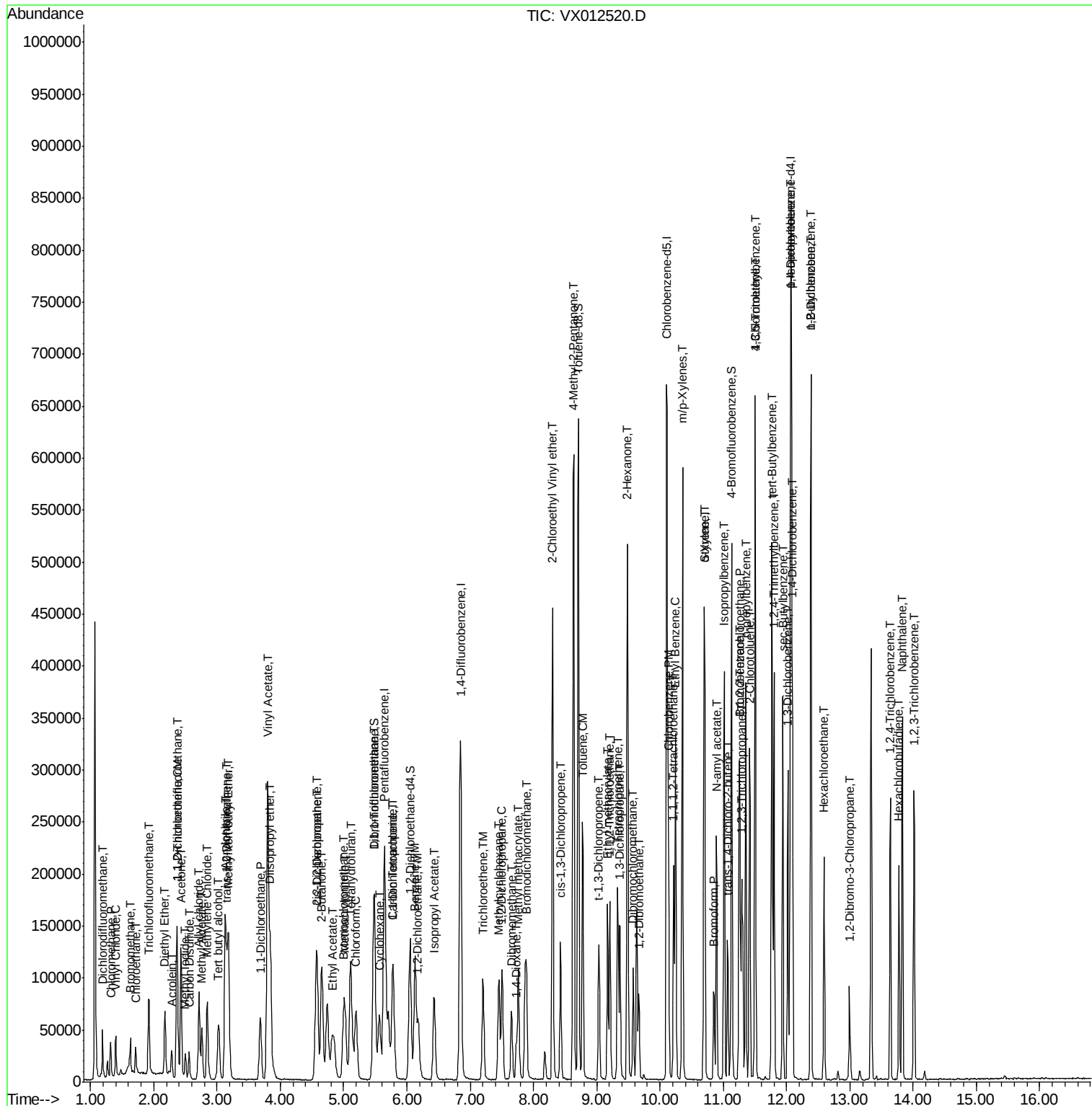
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	58120	21.233	ug/l	97
94) Hexachlorobutadiene	13.78	225	26220	20.324	ug/l	98
95) Naphthalene	13.83	128	204382	20.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	61120	21.912	ug/l	99

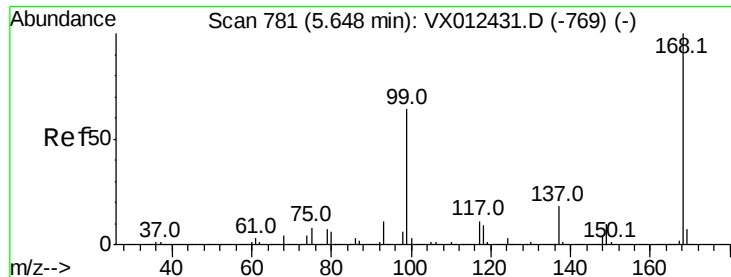
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091919\
Data File : VX012520.D
Acq On : 19 Sep 2019 12:04
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Sample : VX0919WBS01
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Instrument :
MSVOA_X
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Quant Time: Sep 20 04:31:10 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

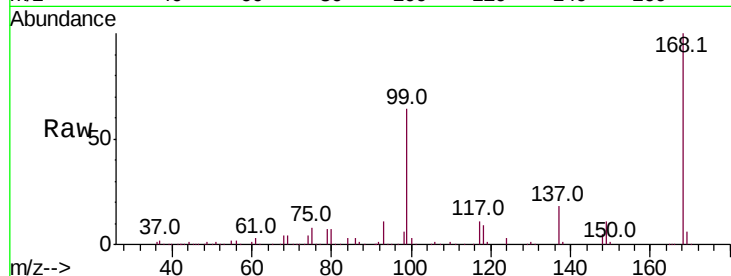
VX0919WBS01

Tot Ion:168 Resp: 201209

Ion Ratio Lower Upper

168 100

99 63.6 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

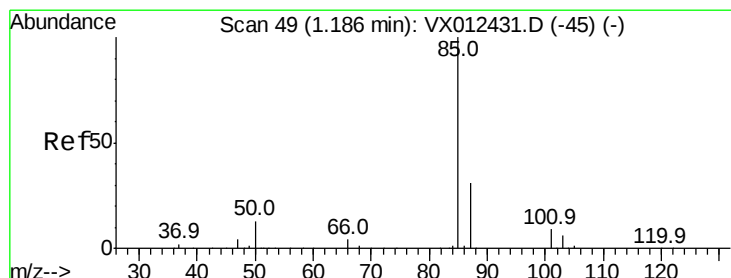
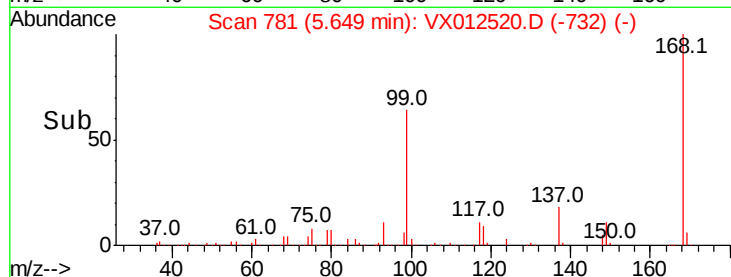
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.265 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012520.D

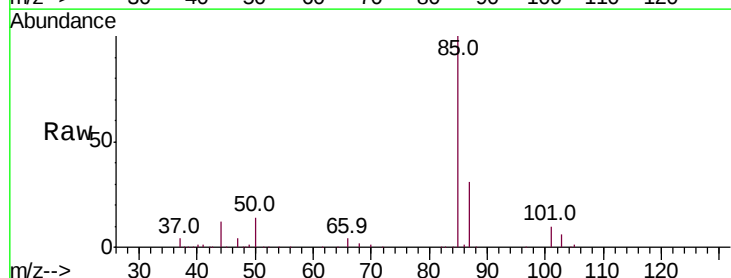
Acq: 19 Sep 2019 12:04

Tgt Ion: 85 Resp: 26890

Ion Ratio Lower Upper

85 100

87 30.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

15000

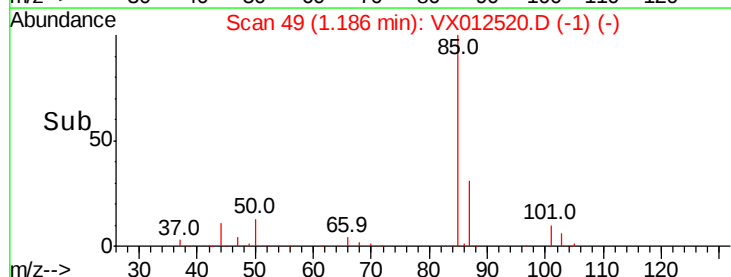
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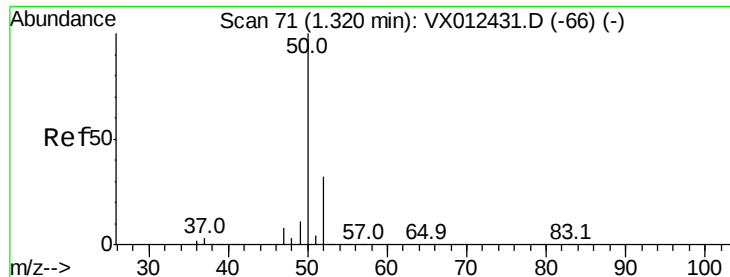
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.705 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

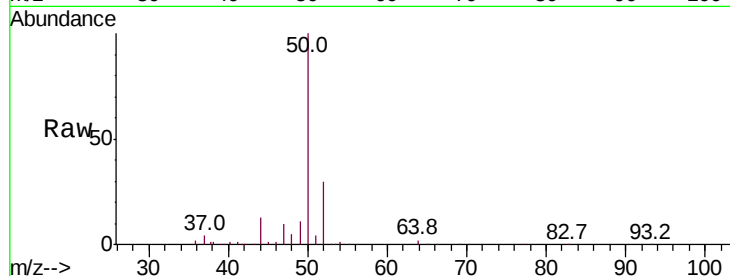
VX0919WBS01

Tot Ion: 50 Resp: 21798

Ion Ratio Lower Upper

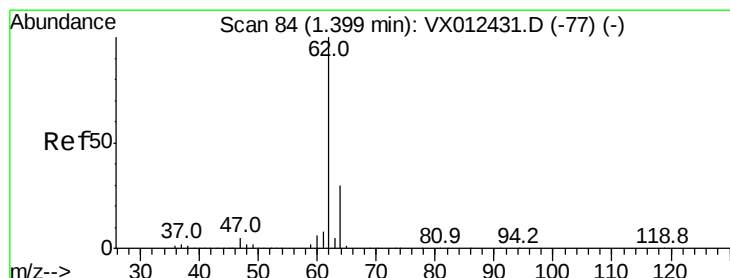
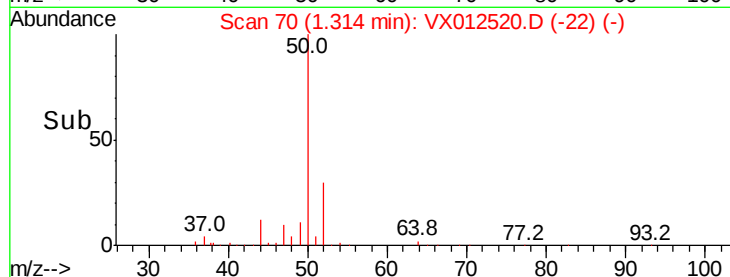
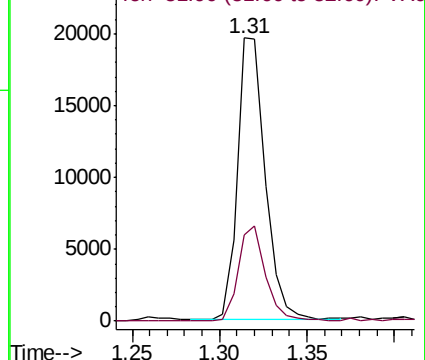
50 100

52 30.5 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: 20.153 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012520.D

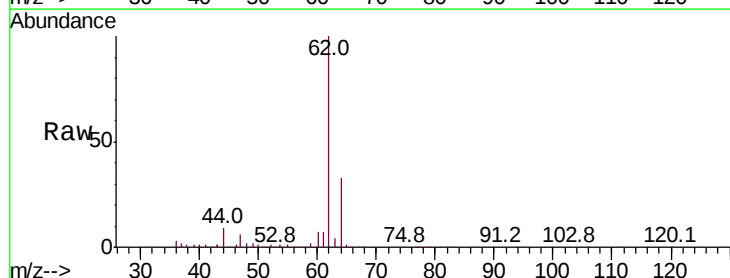
Acq: 19 Sep 2019 12:04

Tgt Ion: 62 Resp: 24095

Ion Ratio Lower Upper

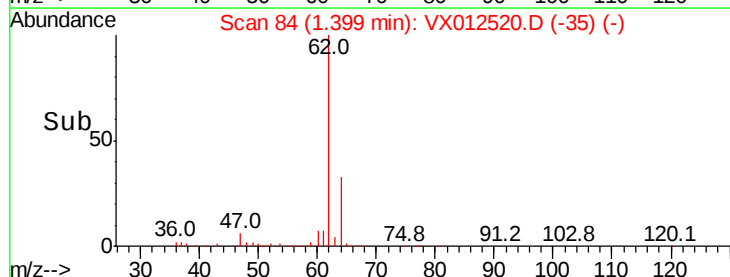
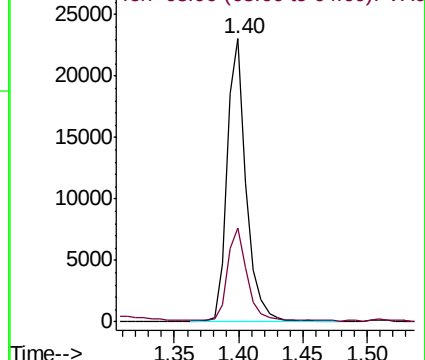
62 100

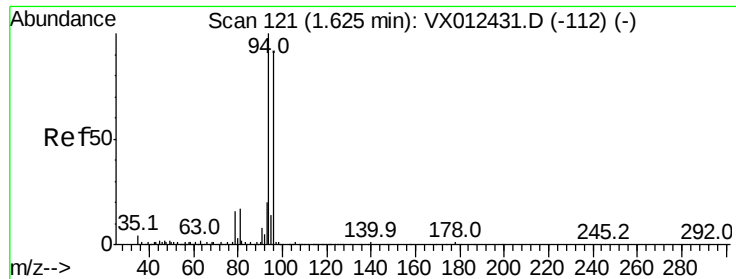
64 33.3 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.504 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

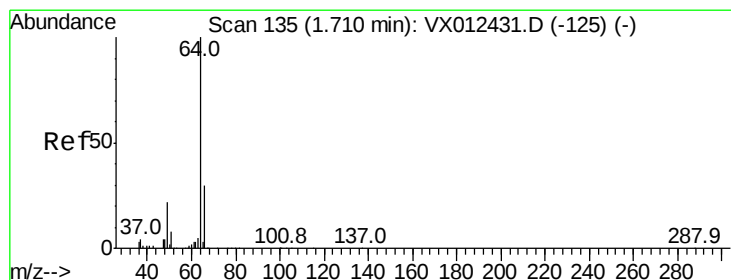
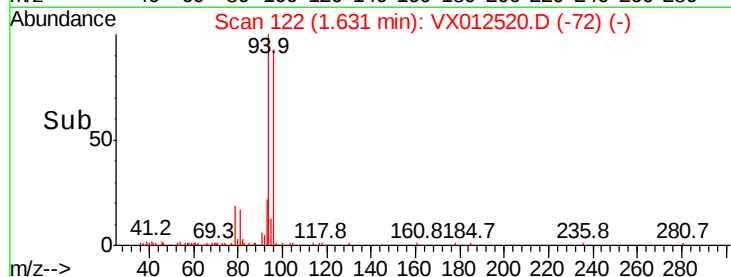
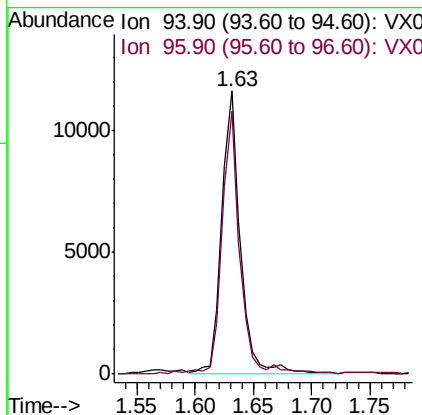
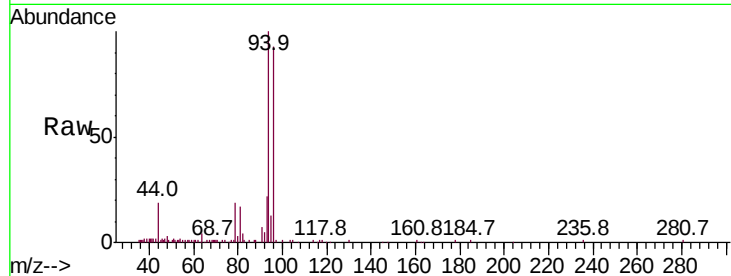
VX0919WBS01

Tot Ion: 94 Resp: 12919

Ion Ratio Lower Upper

94 100

96 92.8 72.8 109.2



#6

Chloroethane

Concen: 18.419 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012520.D

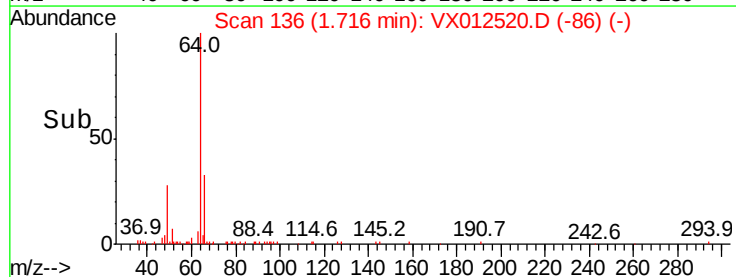
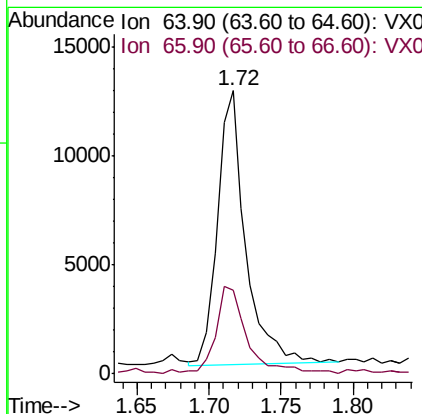
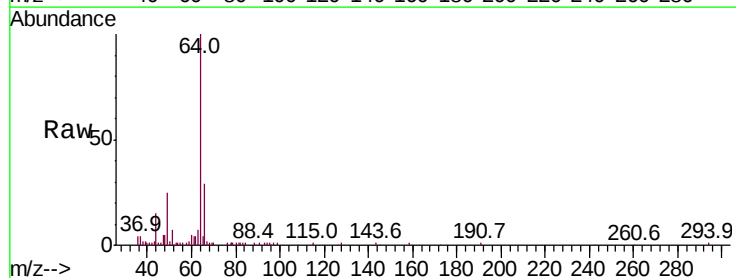
Acq: 19 Sep 2019 12:04

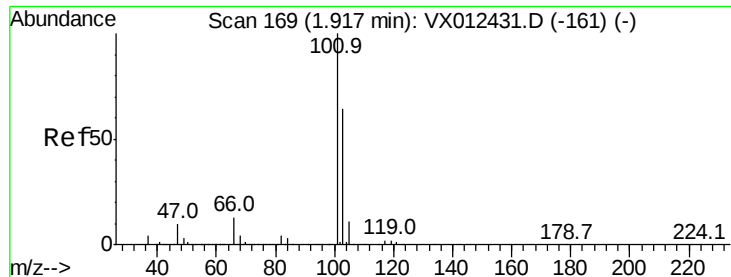
Tgt Ion: 64 Resp: 17233

Ion Ratio Lower Upper

64 100

66 30.7 24.0 36.0



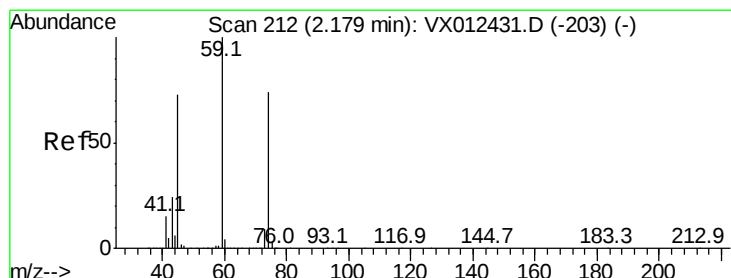
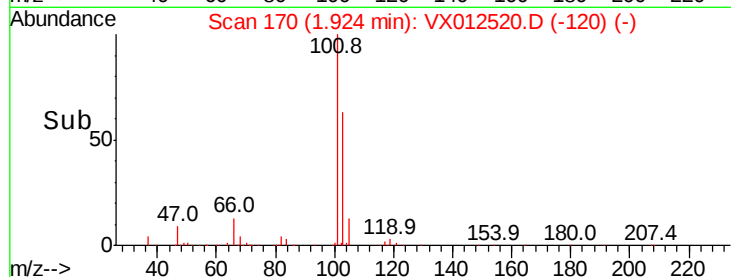
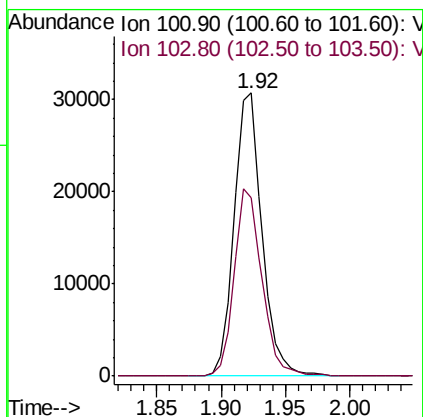
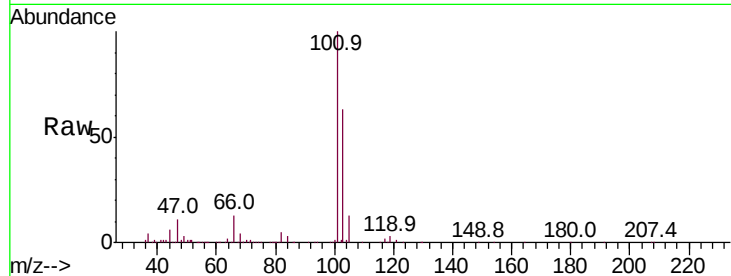


#7

Trichlorofluoromethane
 Concen: 21.126 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

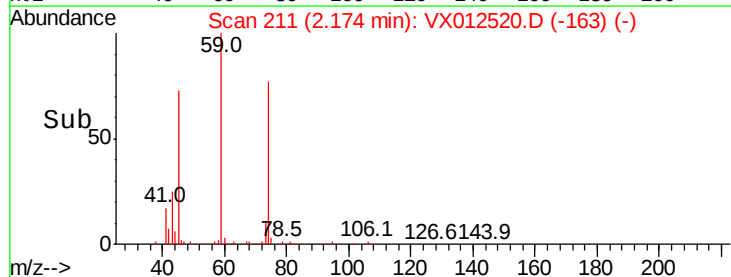
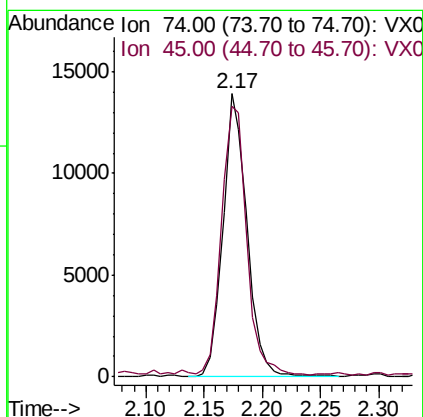
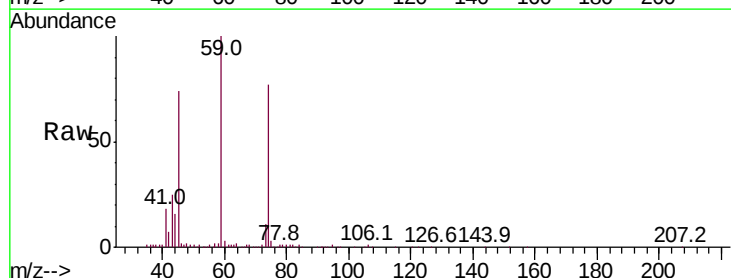
Tot Ion:101 Resp: 46302
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.0 76.4

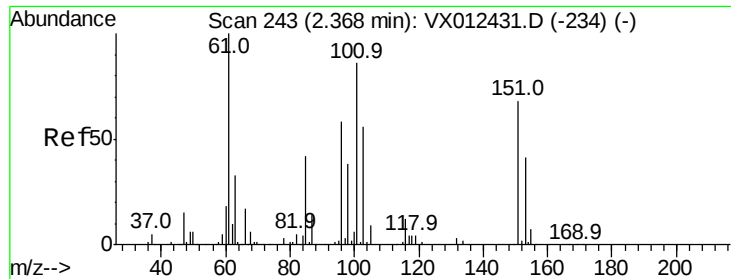


#8

Diethyl Ether
 Concen: 20.139 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 74 Resp: 19936
 Ion Ratio Lower Upper
 74 100
 45 98.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.296 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

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MSVOA_X

ClientSampleId :

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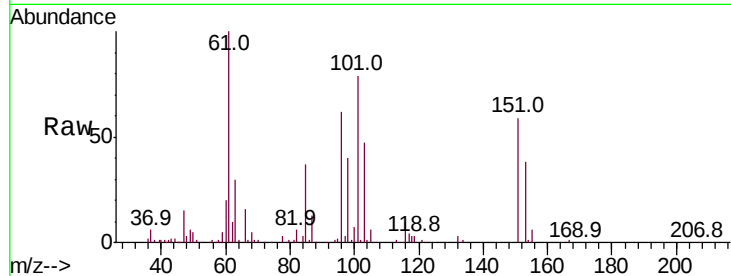
Tot Ion:101 Resp: 33771

Ion Ratio Lower Upper

101 100

85 46.0 37.3 55.9

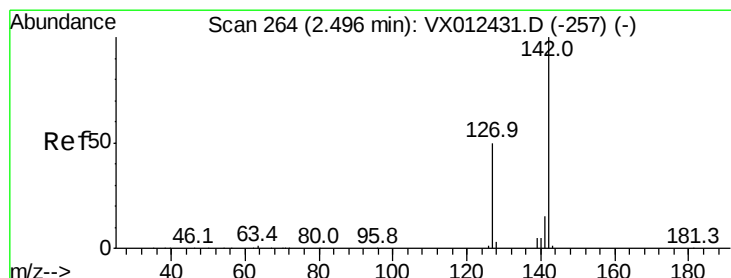
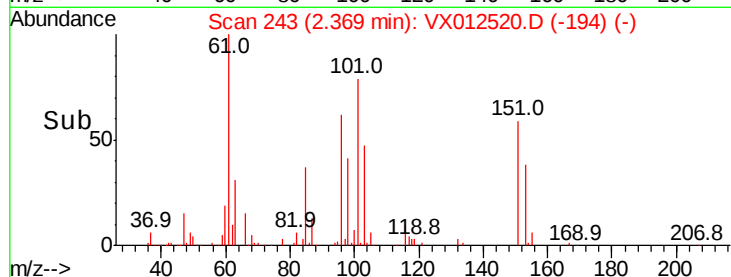
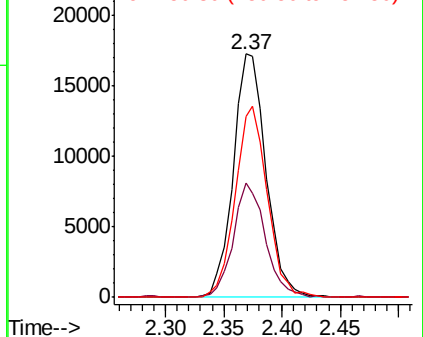
151 77.0 61.0 91.4



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: 19.660 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

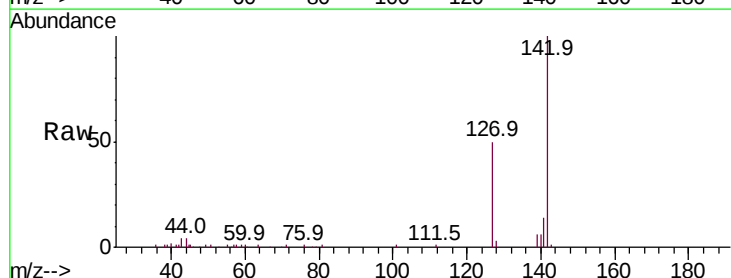
Tgt Ion:142 Resp: 22728

Ion Ratio Lower Upper

142 100

127 48.2 40.8 61.2

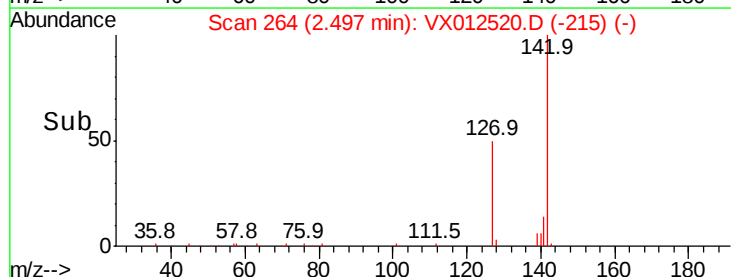
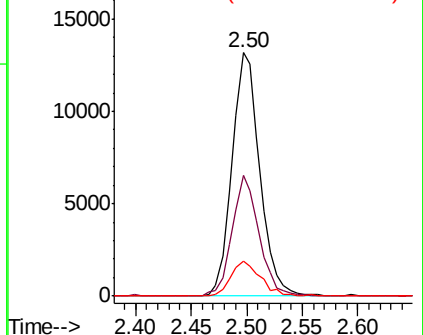
141 15.1 12.1 18.1

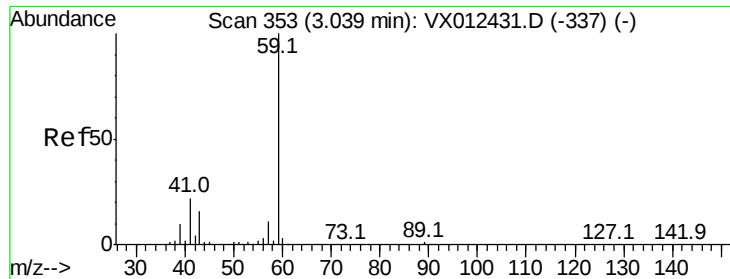


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 85.486 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

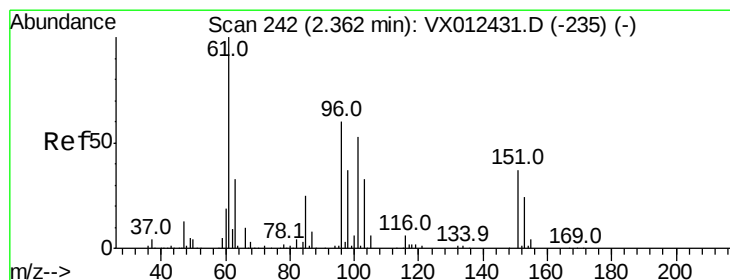
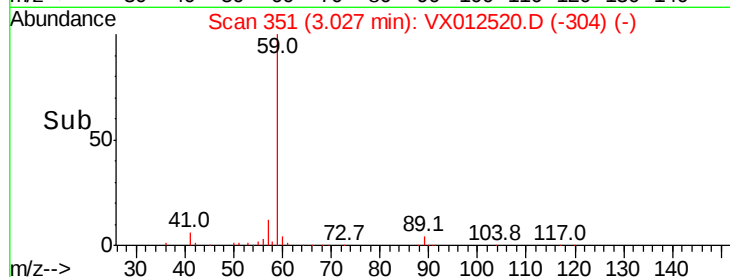
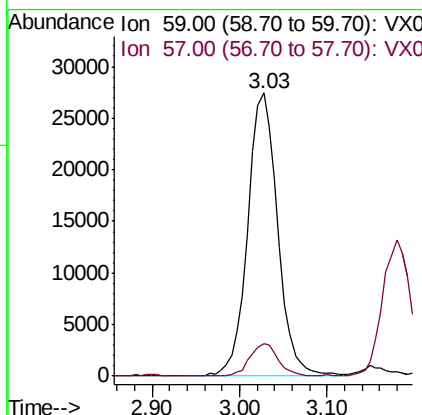
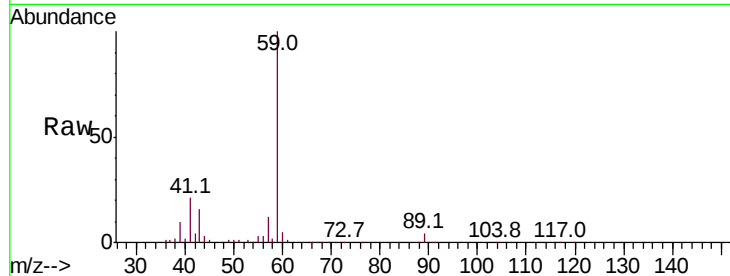
Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0919WBS01

Tot Ion: 59 Resp: 65341

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.3	12.5



#12

1,1-Dichloroethene

Concen: 20.459 ug/l

RT: 2.36 min Scan# 242

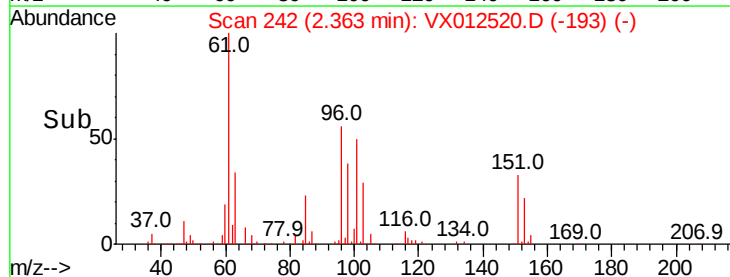
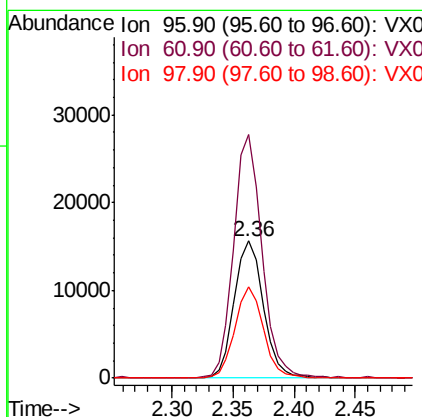
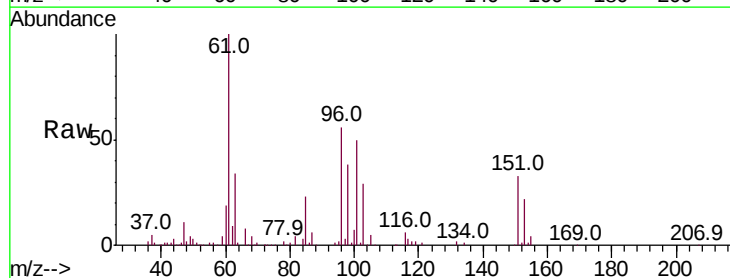
Delta R.T. 0.00 min

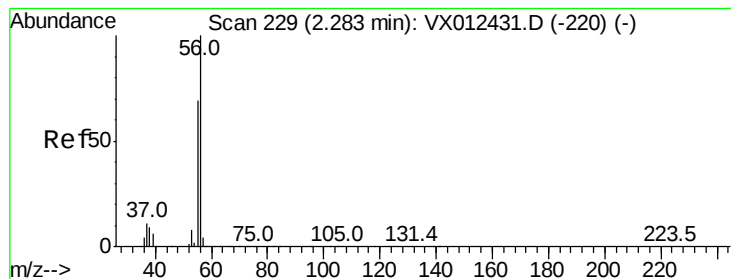
Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion: 96 Resp: 25881

Ion	Ratio	Lower	Upper
96	100		
61	177.7	133.8	200.6
98	67.1	49.9	74.9





#13

Acrolein

Concen: 68.251 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

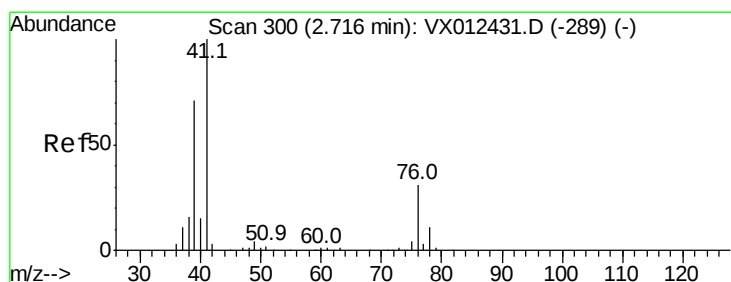
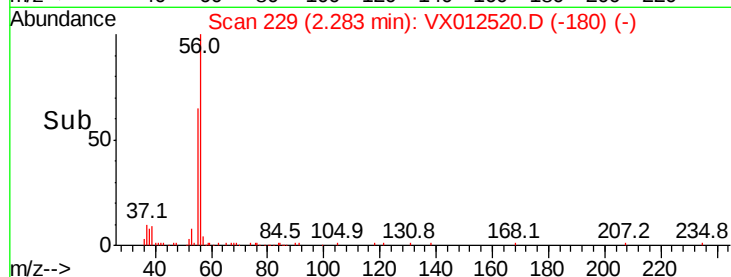
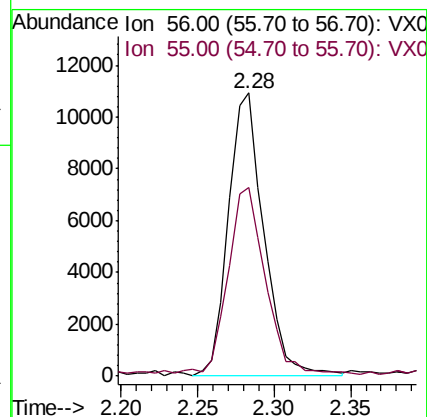
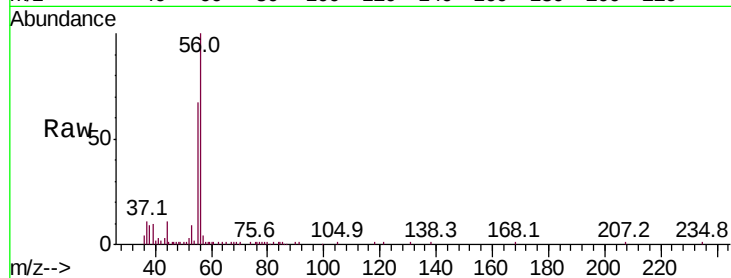
VX0919WBS01

Tot Ion: 56 Resp: 17592

Ion Ratio Lower Upper

56 100

55 69.0 55.8 83.8



#14

Allyl chloride

Concen: 19.671 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

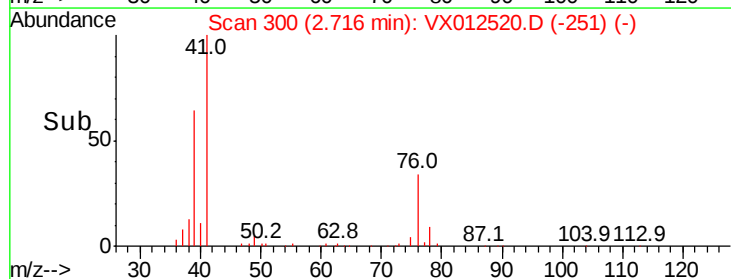
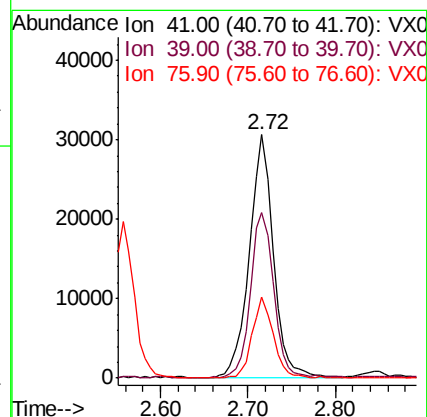
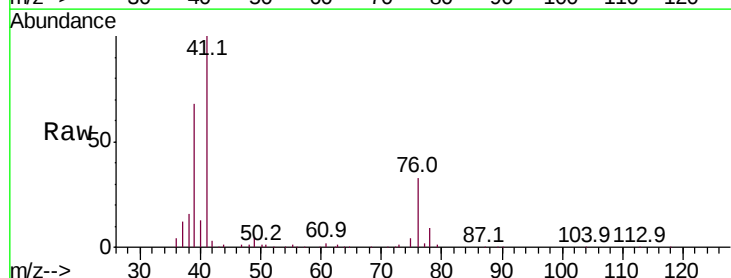
Tgt Ion: 41 Resp: 57934

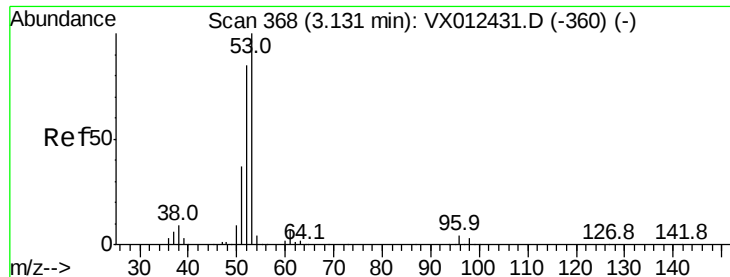
Ion Ratio Lower Upper

41 100

39 67.0 51.3 76.9

76 29.4 22.6 33.8





#15

Acrylonitrile

Concen: 97.516 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

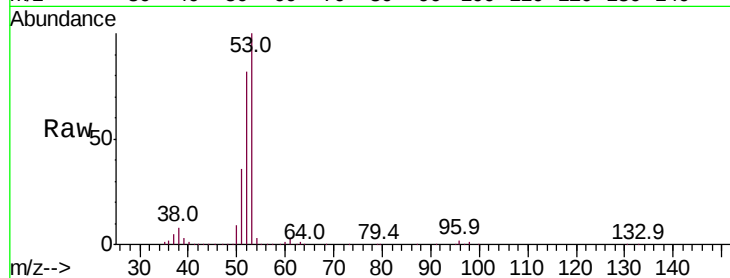
Tot Ion: 53 Resp: 121859

Ion Ratio Lower Upper

53 100

52 84.0 67.0 100.4

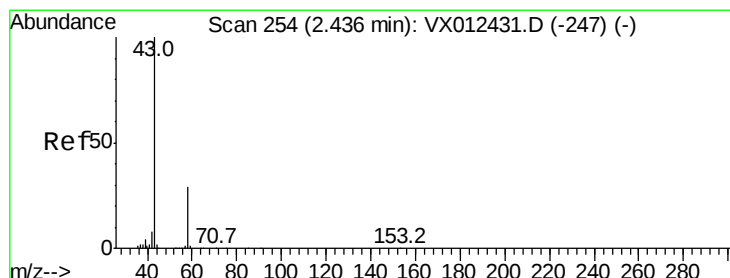
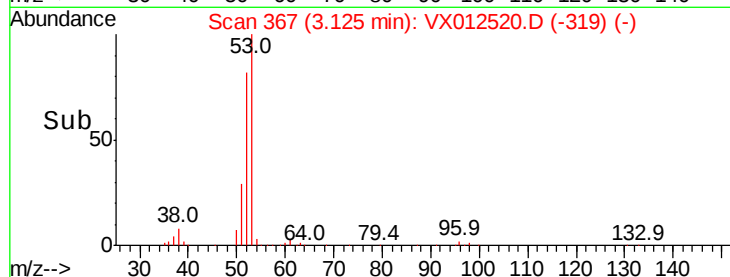
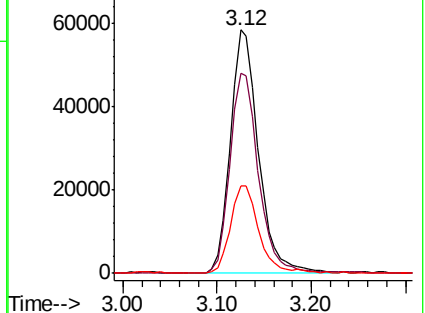
51 36.8 29.6 44.4



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: 95.792 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012520.D

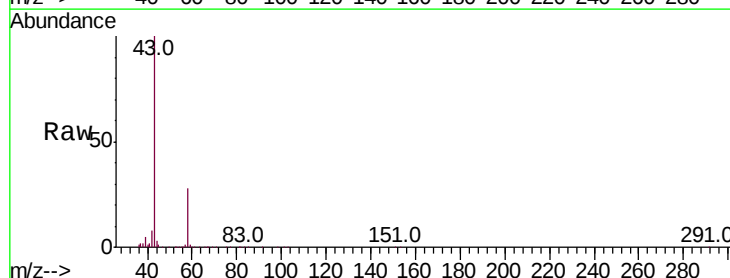
Acq: 19 Sep 2019 12:04

Tgt Ion: 43 Resp: 132690

Ion Ratio Lower Upper

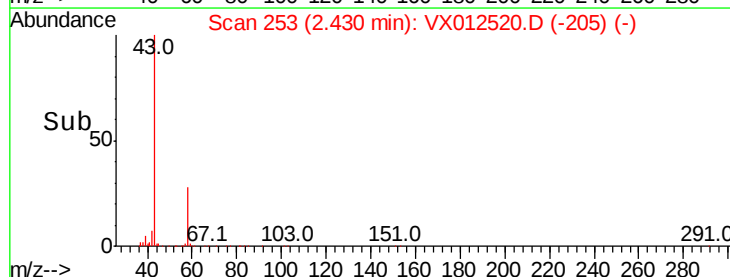
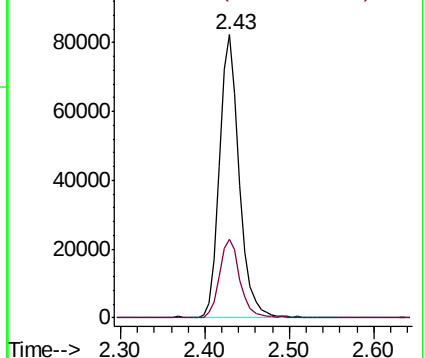
43 100

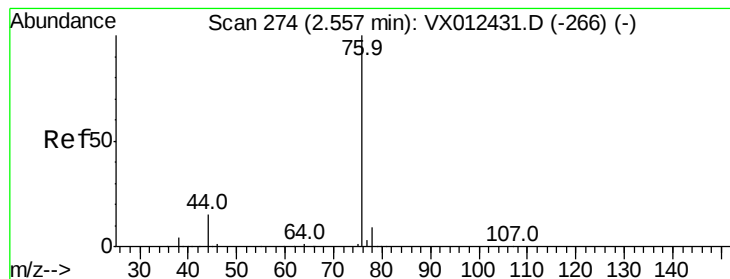
58 27.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.477 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

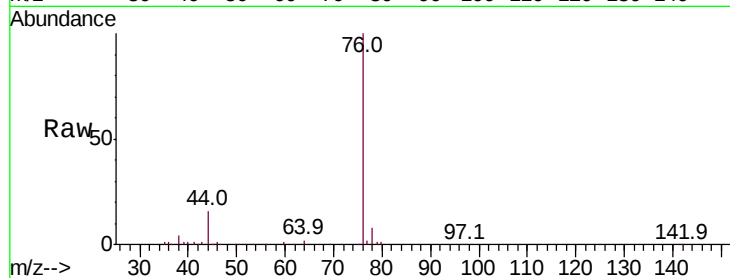
VX0919WBS01

Tot Ion: 76 Resp: 30942

Ion Ratio Lower Upper

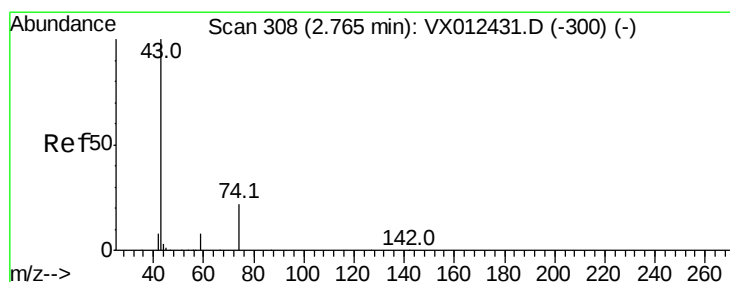
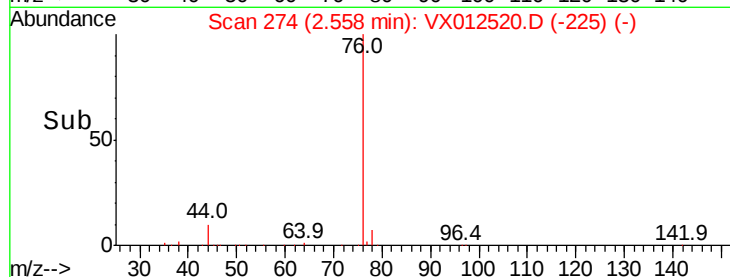
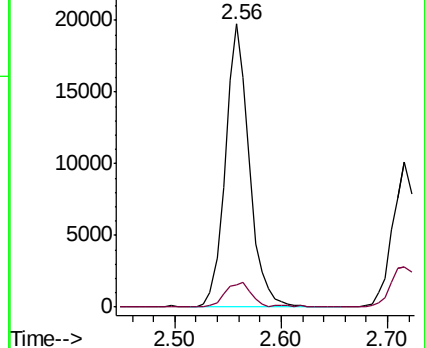
76 100

78 7.8 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: 19.694 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012520.D

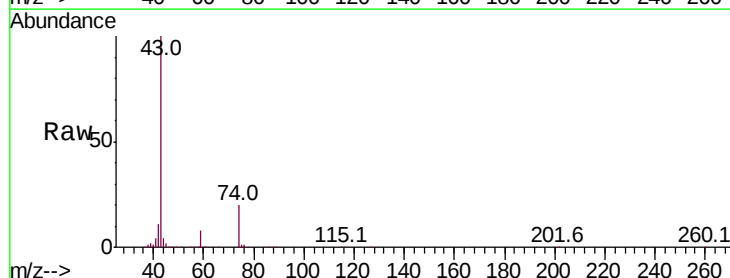
Acq: 19 Sep 2019 12:04

Tgt Ion: 43 Resp: 59180

Ion Ratio Lower Upper

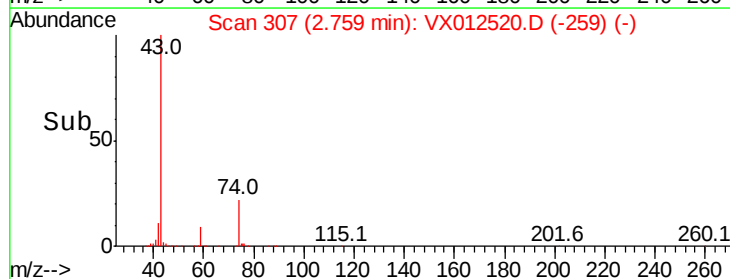
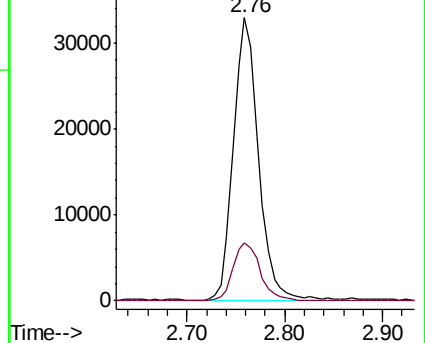
43 100

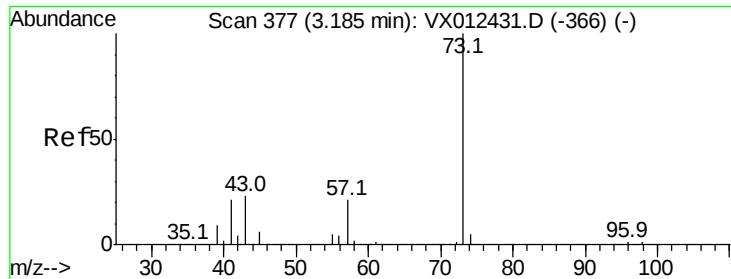
74 22.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



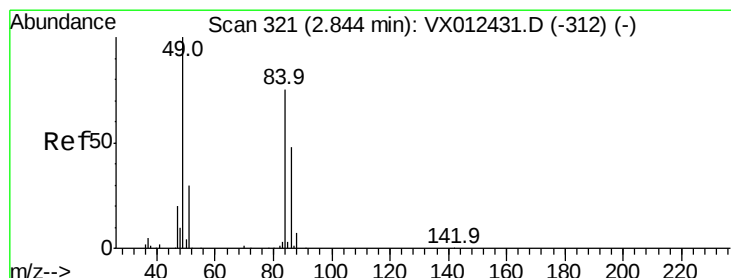
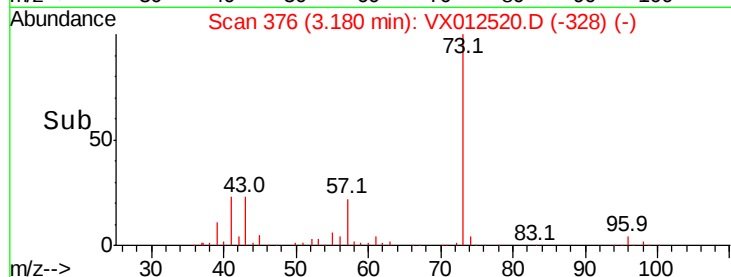
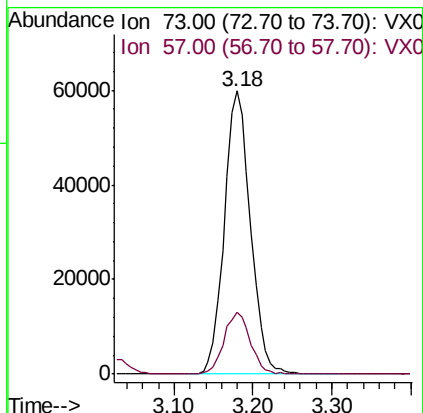
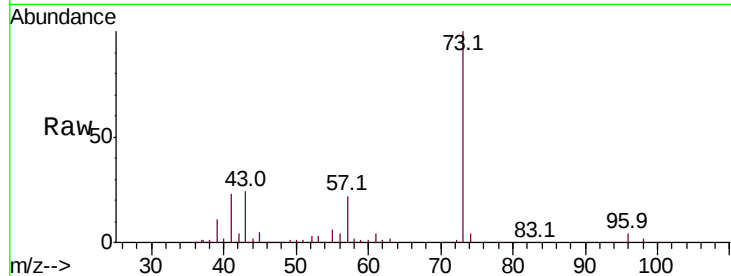


#19

Methyl tert-butyl Ether
 Concen: 19.979 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

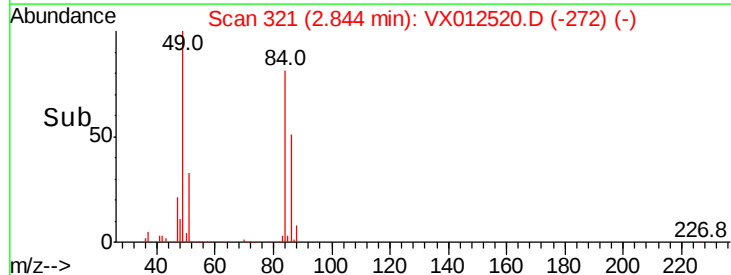
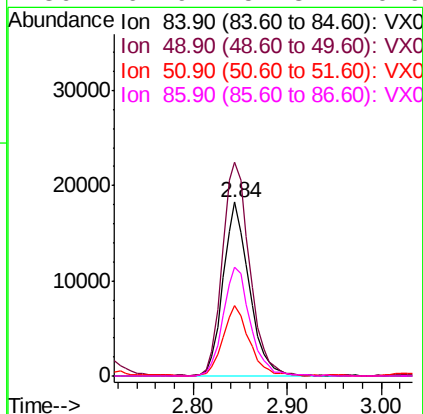
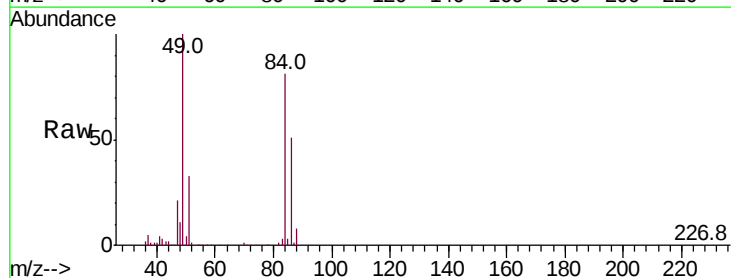
Tot Ion: 73 Resp: 137803
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2

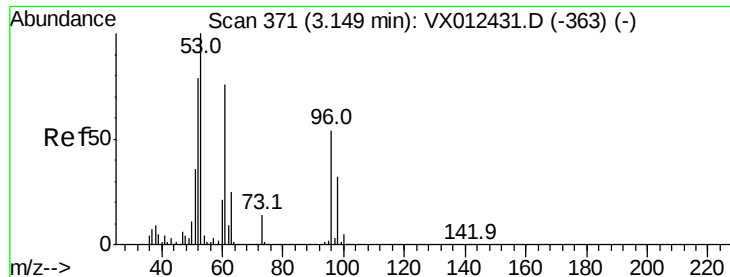


#20

Methylene Chloride
 Concen: 20.110 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 84 Resp: 35096
 Ion Ratio Lower Upper
 84 100
 49 123.0 106.8 160.2
 51 40.4 32.3 48.5
 86 62.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.778 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

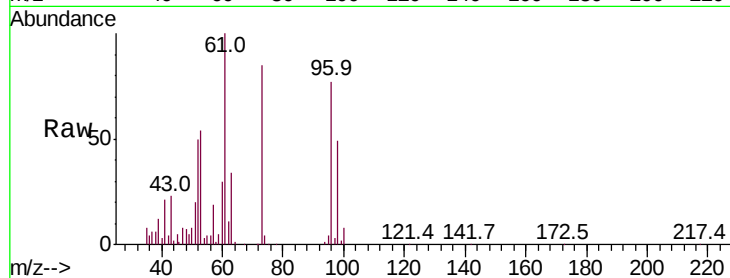
Tot Ion: 96 Resp: 27295

Ion Ratio Lower Upper

96 100

61 130.3 112.0 168.0

98 64.1 47.8 71.8

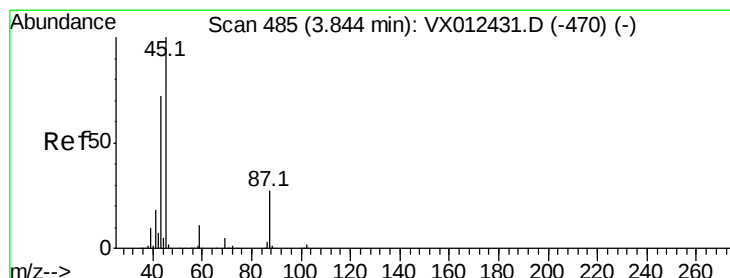
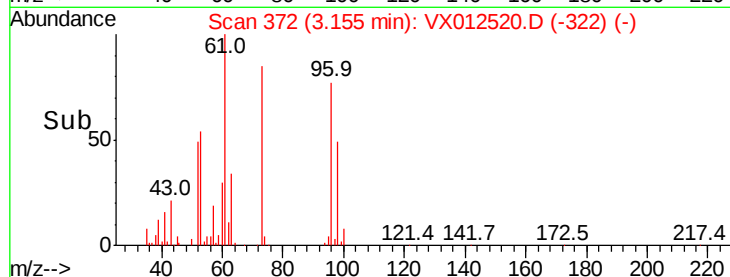
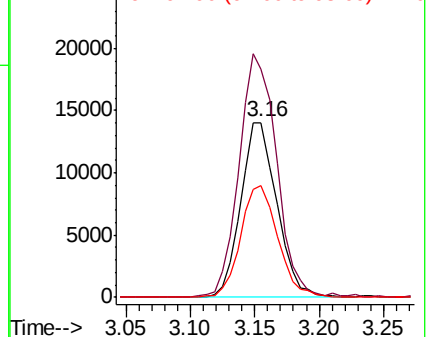


Abundance

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: 20.247 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion: 45 Resp: 139616

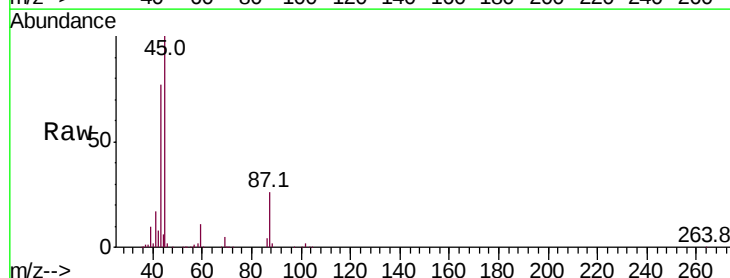
Ion Ratio Lower Upper

45 100

43 75.7 57.8 86.8

87 25.9 21.3 31.9

59 11.0 8.5 12.7



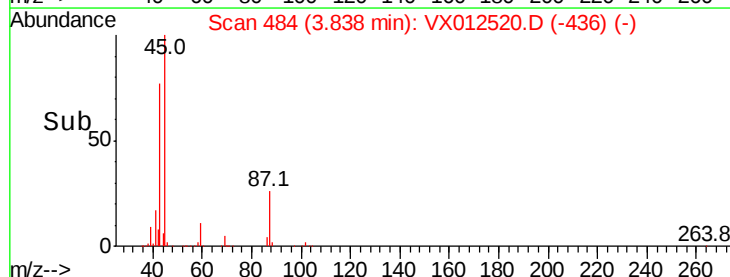
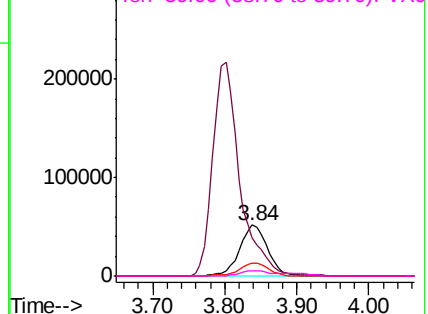
Abundance

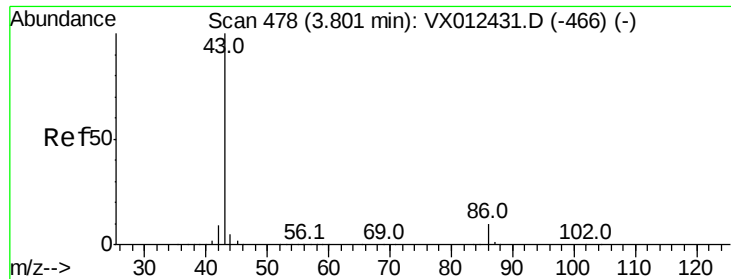
Ion 45.00 (44.70 to 45.70): VX0

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: 100.321 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

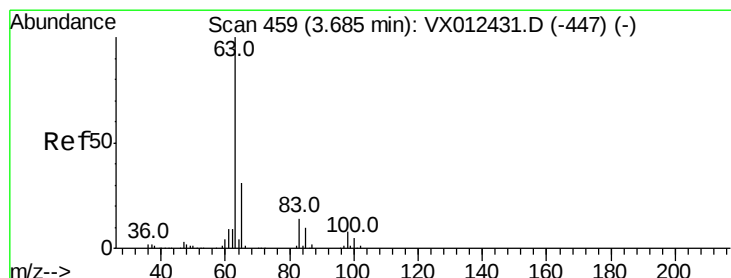
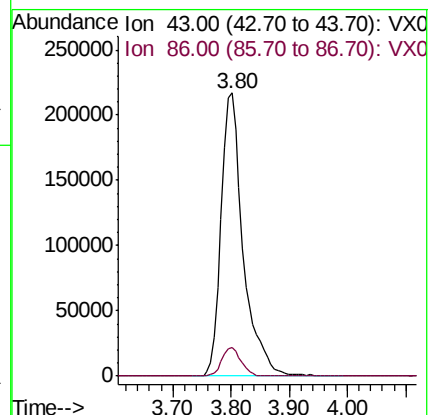
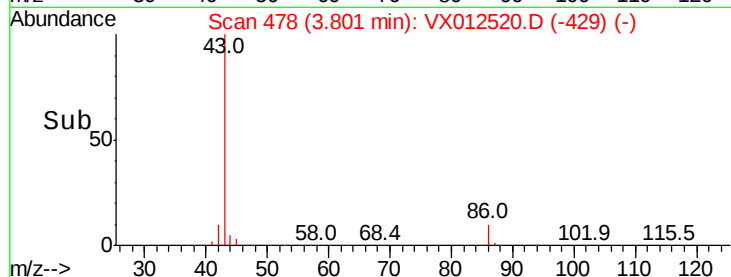
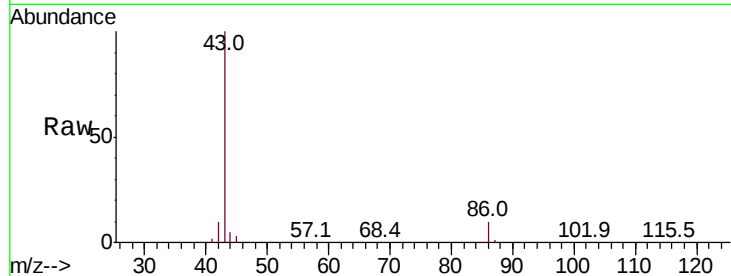
VX0919WBS01

Tot Ion: 43 Resp: 569071

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.620 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

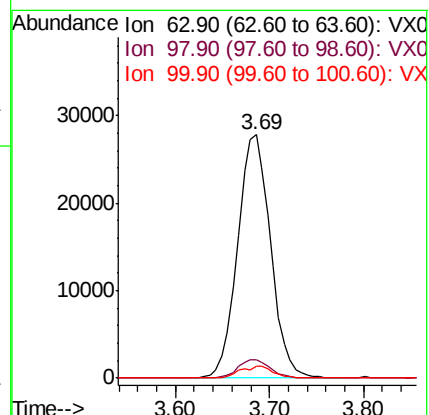
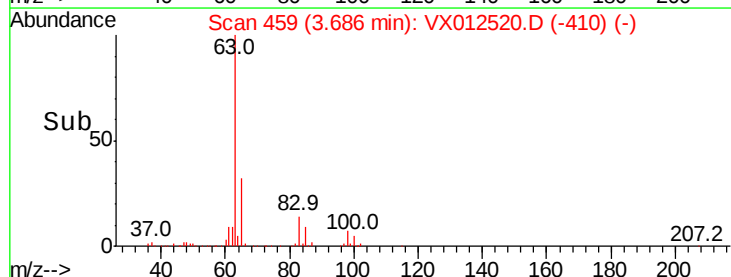
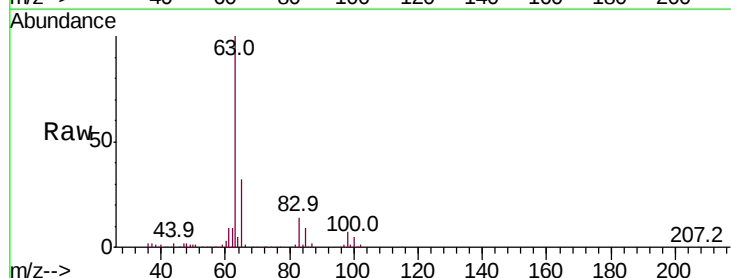
Tgt Ion: 63 Resp: 68033

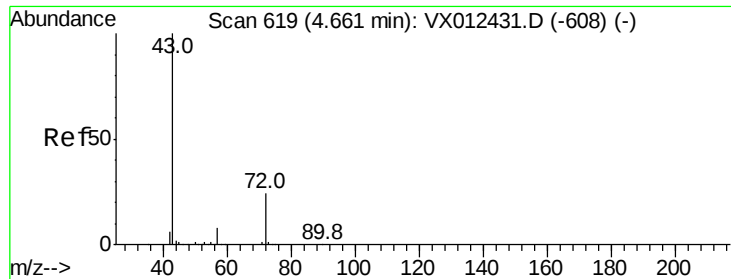
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.8 2.3 6.9

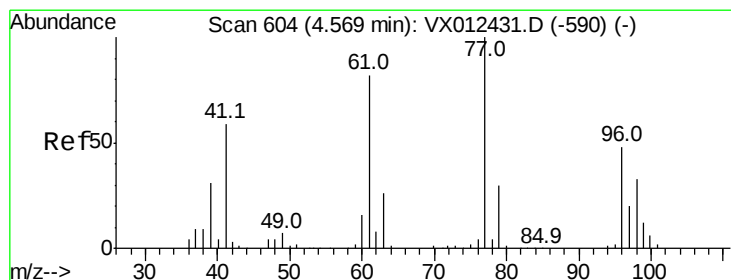
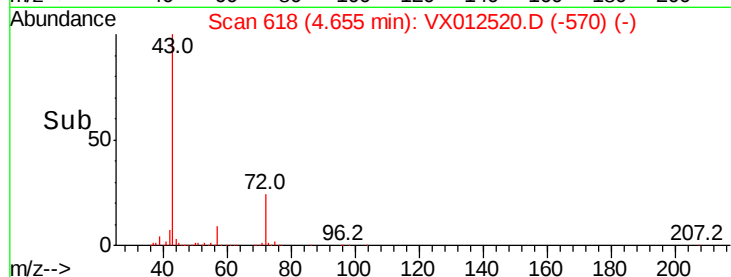
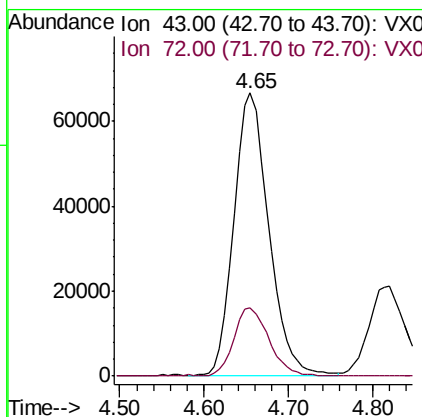
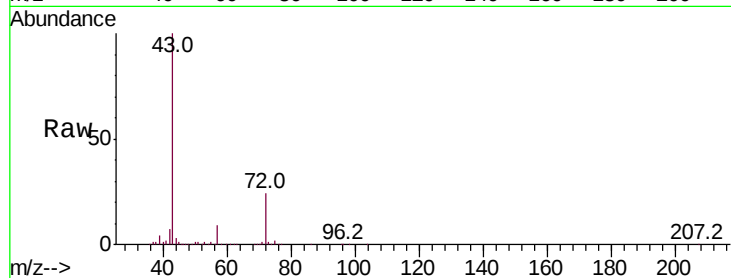




#25
2-Butanone
Concen: 92.703 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

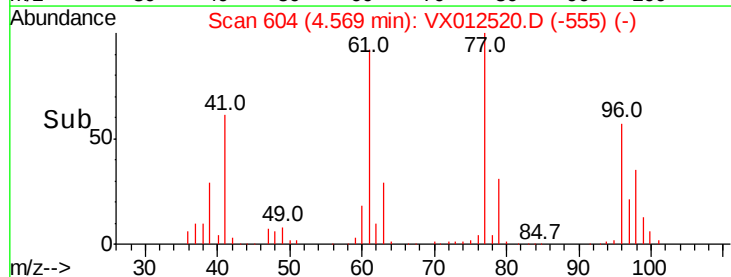
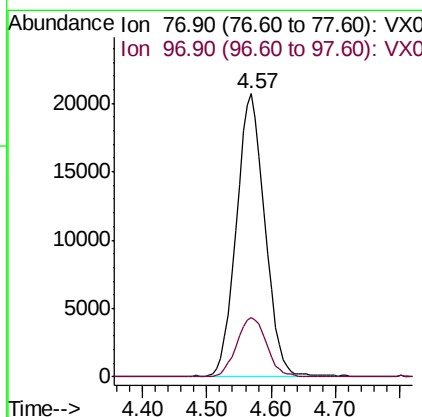
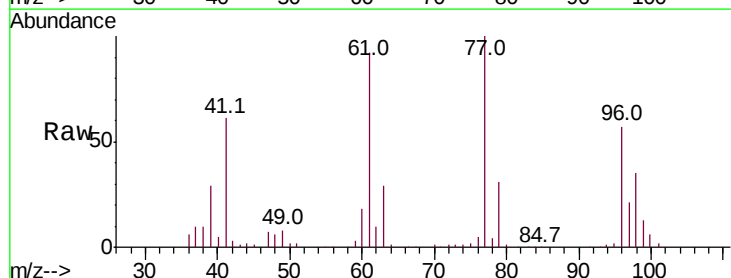
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

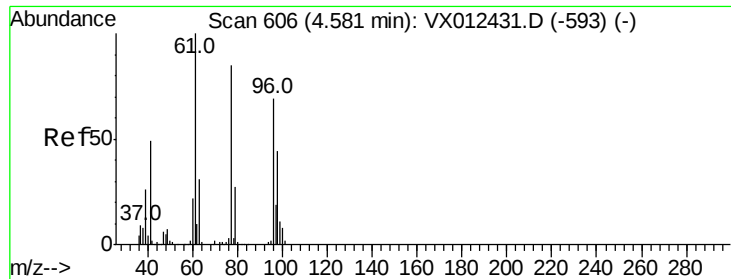
Tot Ion: 43 Resp: 185438
Ion Ratio Lower Upper
43 100
72 24.0 19.2 28.8



#26
2,2-Dichloropropane
Concen: 19.530 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 77 Resp: 63373
Ion Ratio Lower Upper
77 100
97 21.9 10.5 31.6



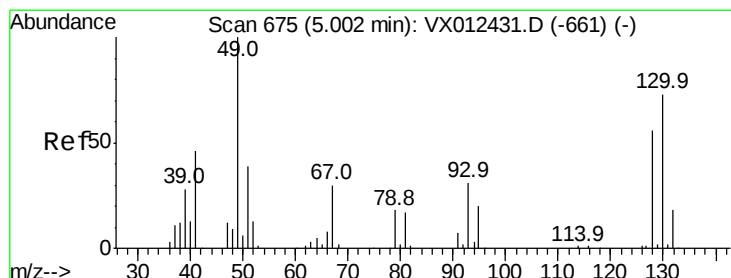
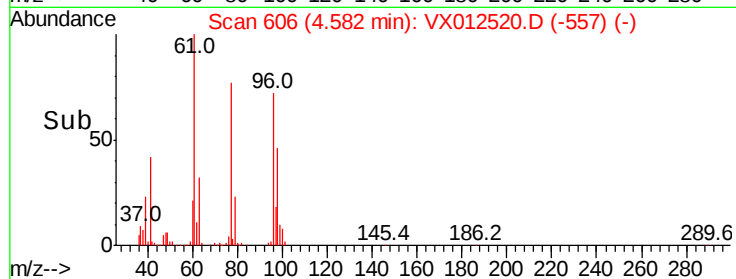
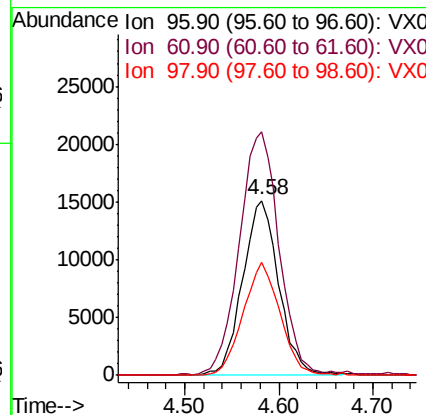
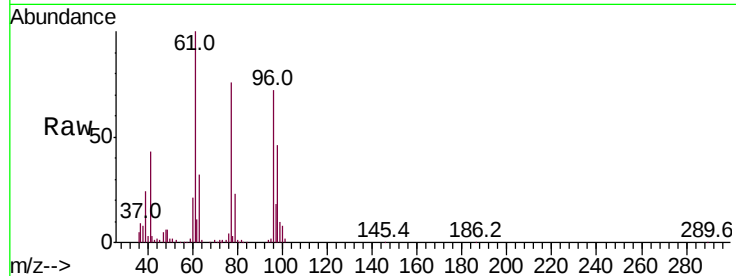


#27

cis-1,2-Dichloroethene
 Concen: 20.691 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

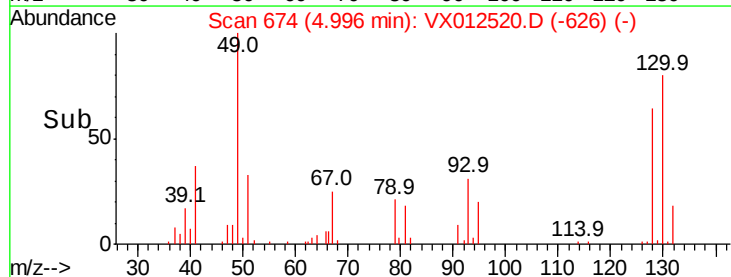
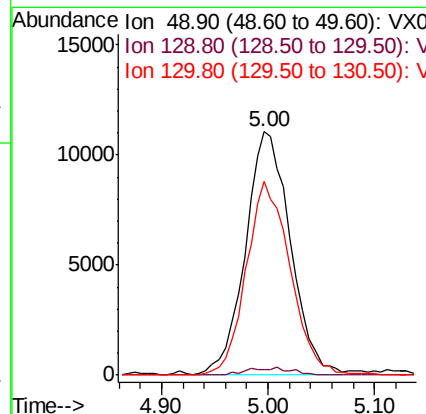
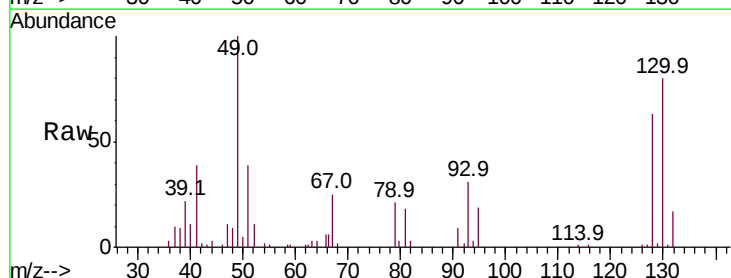
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	319.4
98	66.1	0.0	130.6

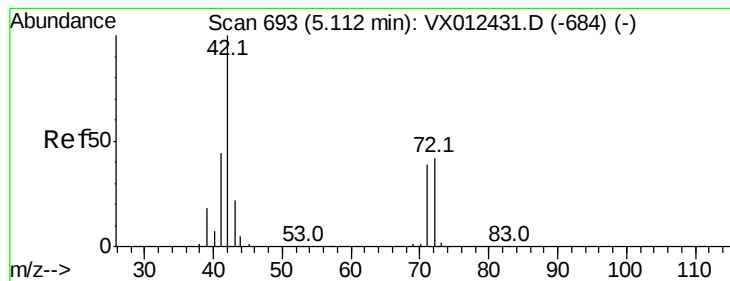


#28

Bromochloromethane
 Concen: 19.284 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	77.7	58.2	87.4





#29

Tetrahydrofuran

Concen: 97.934 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

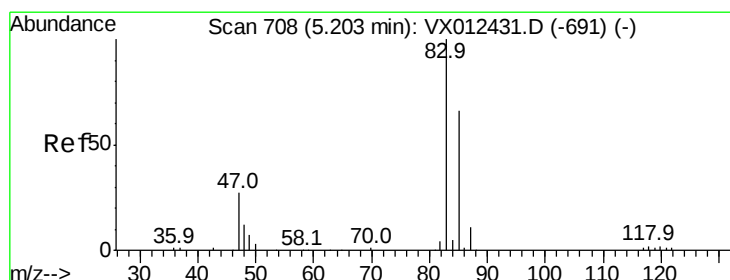
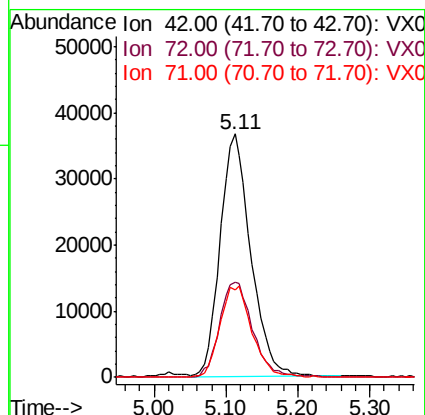
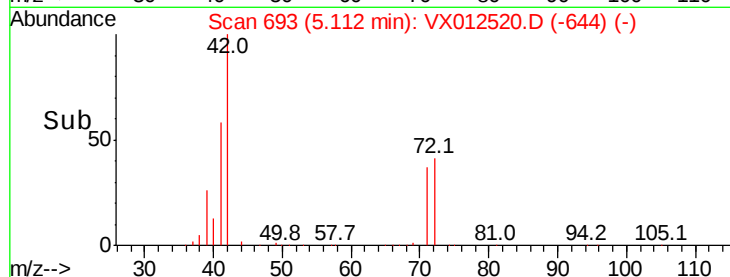
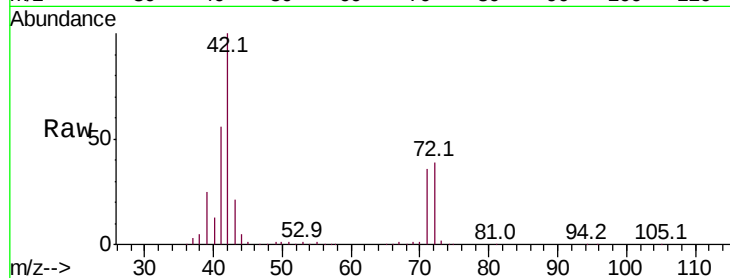
Tot Ion: 42 Resp: 108223

Ion Ratio Lower Upper

42 100

72 42.8 34.0 51.0

71 39.7 31.5 47.3



#30

Chloroform

Concen: 20.184 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012520.D

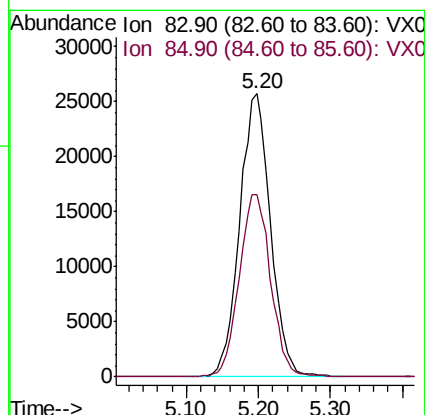
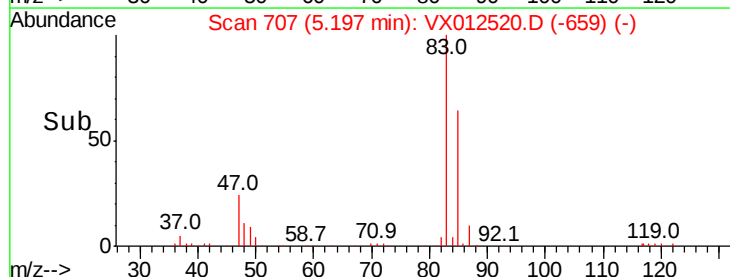
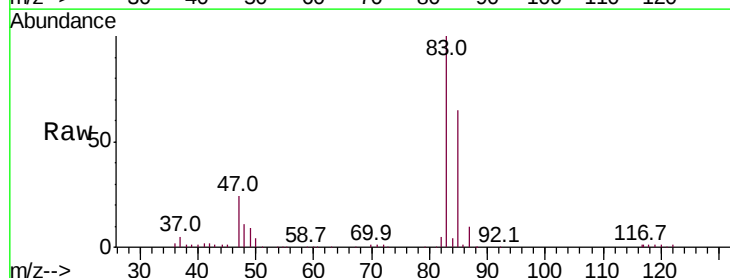
Acq: 19 Sep 2019 12:04

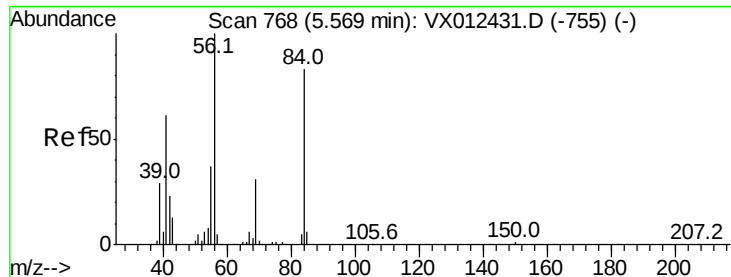
Tgt Ion: 83 Resp: 76482

Ion Ratio Lower Upper

83 100

85 64.3 53.0 79.4





#31

Cvclohexane

Concen: 20.806 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

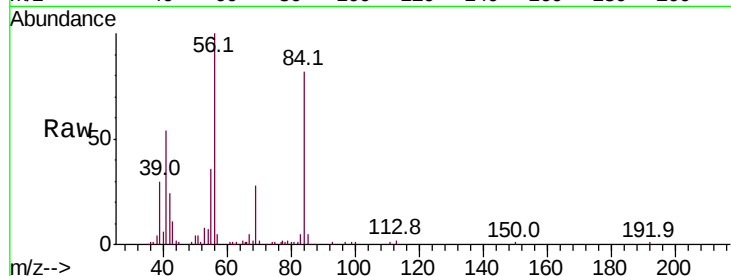
Tot Ion: 56 Resp: 41440

Ion Ratio Lower Upper

56 100

69 28.5 25.0 37.6

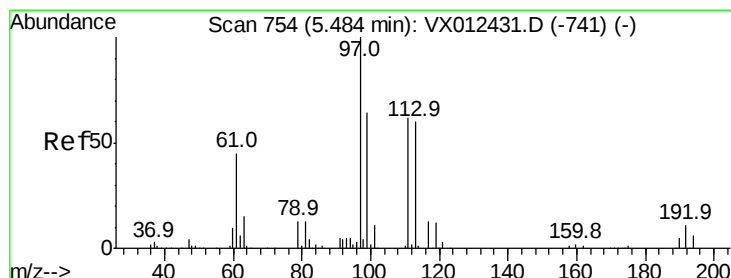
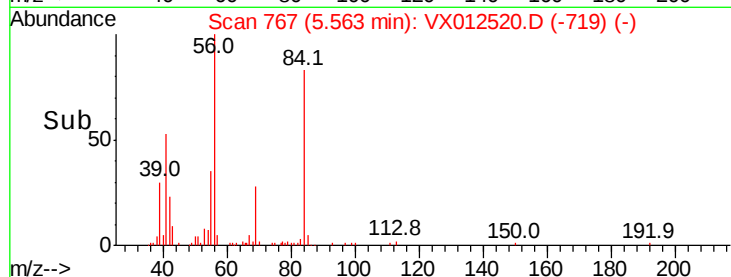
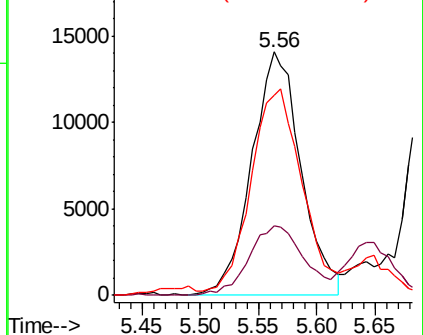
84 78.7 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.334 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

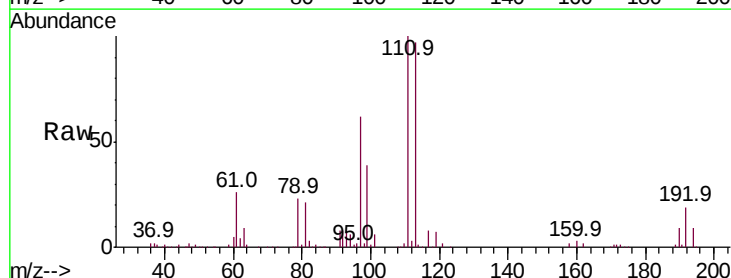
Tgt Ion: 97 Resp: 64398

Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

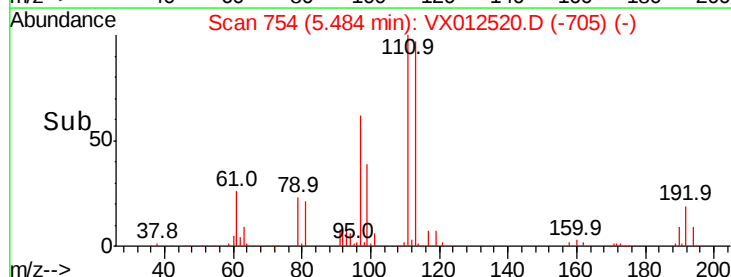
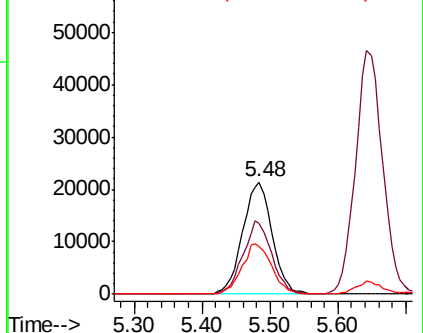
61 45.1 36.1 54.1

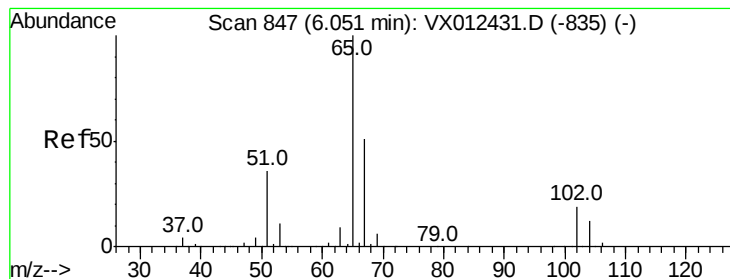


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.225 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

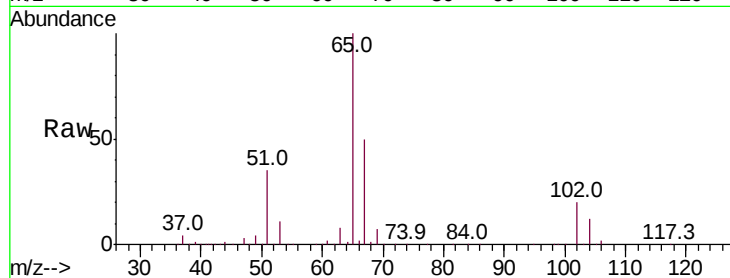
VX0919WBS01

Tot Ion: 65 Resp: 133299

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

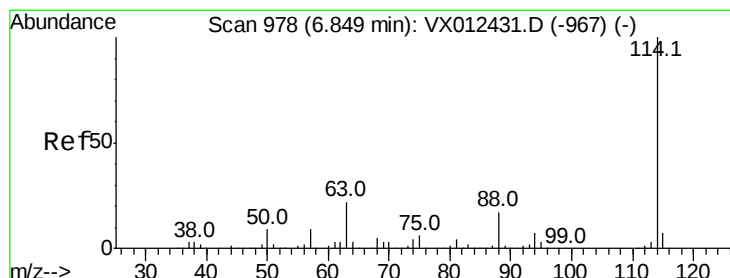
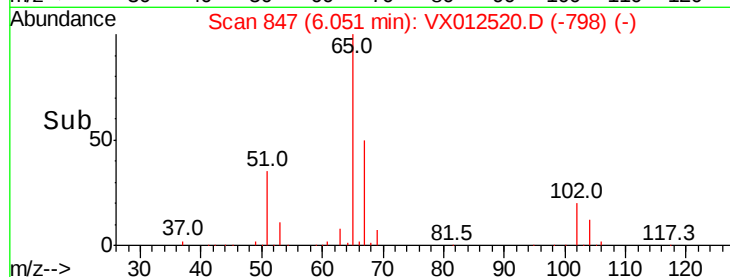
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

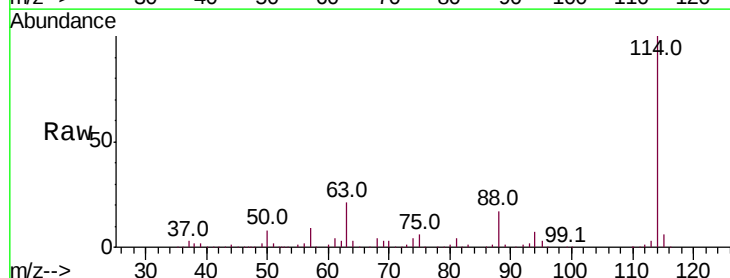
Tgt Ion: 114 Resp: 325376

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 17.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

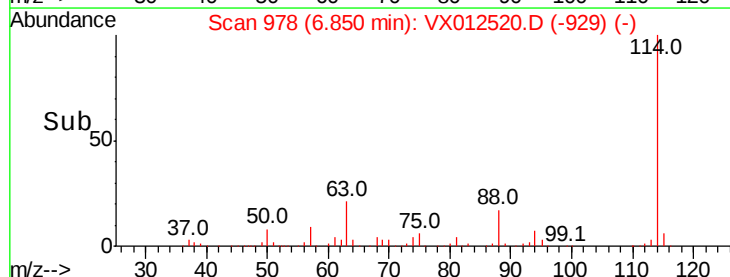
150000

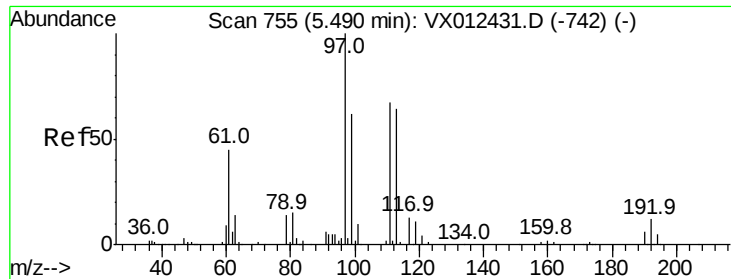
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

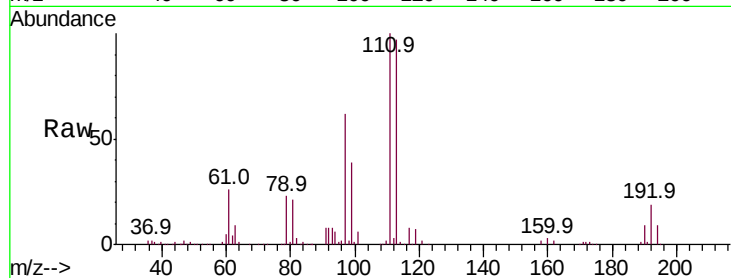




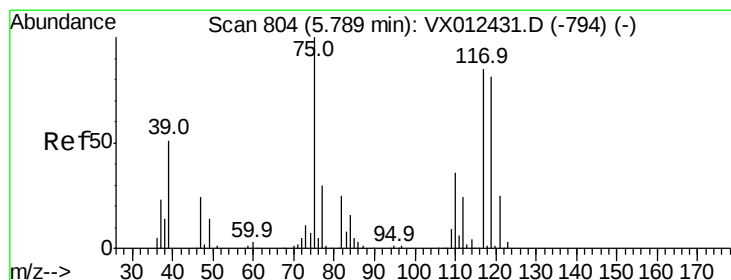
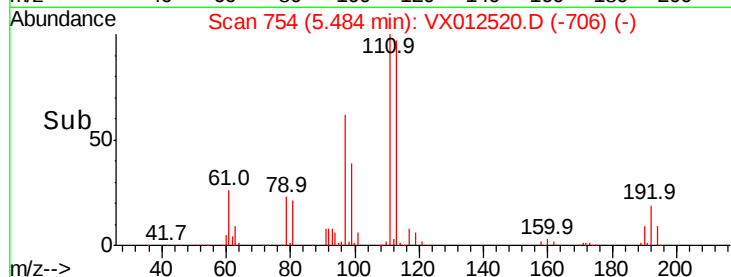
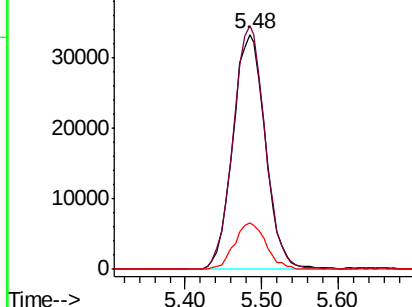
#35
 Dibromofluoromethane
 Concen: 49.771 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion:113 Resp: 98017
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.4 125.2
 192 19.2 14.4 21.6

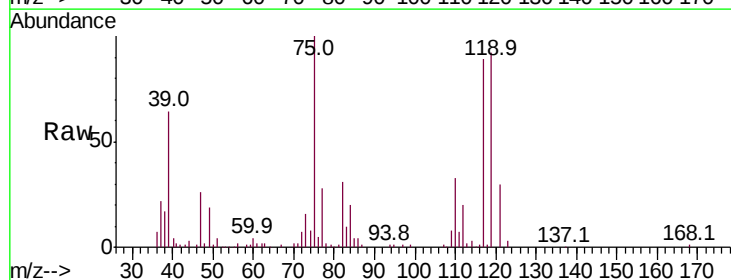


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

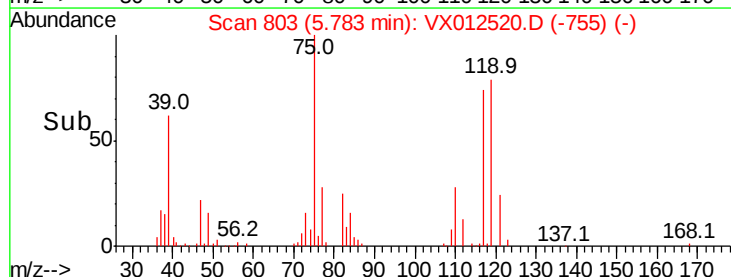
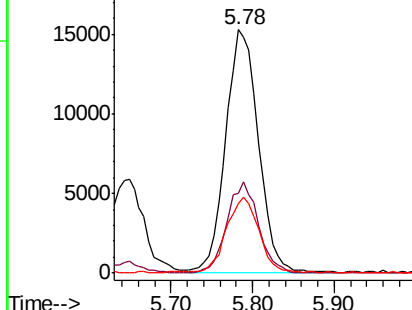


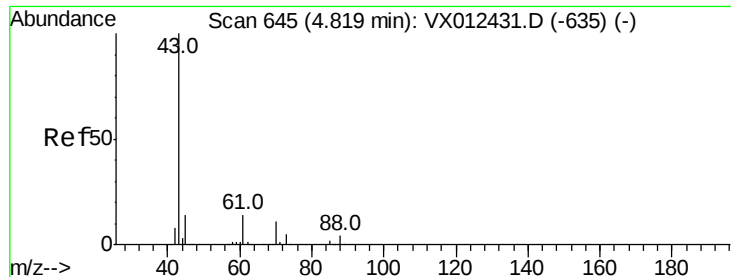
#36
 1,1-Dichloropropene
 Concen: 21.599 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 75 Resp: 42711
 Ion Ratio Lower Upper
 75 100
 110 35.6 16.7 50.0
 77 30.7 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

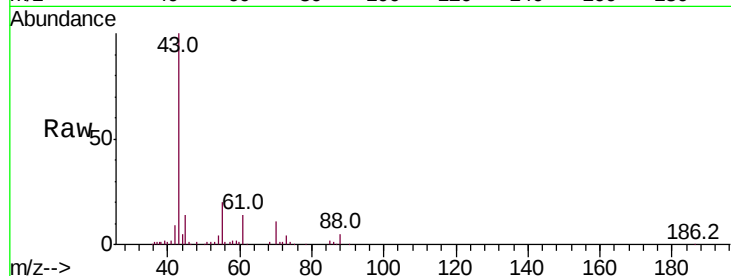




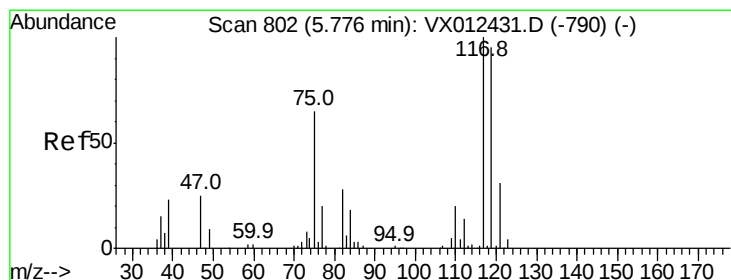
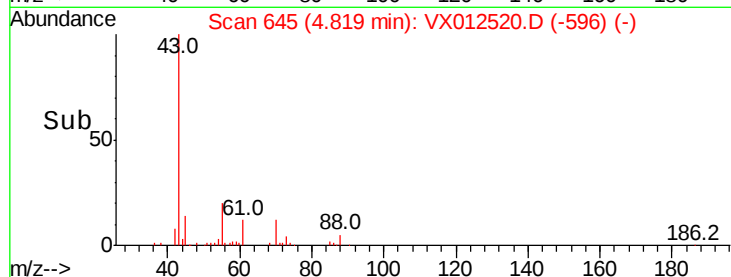
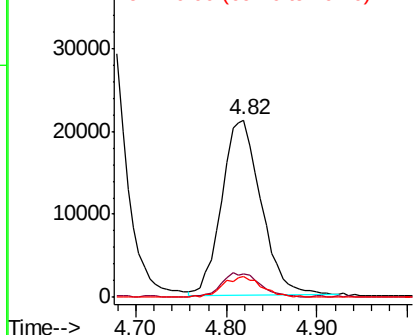
#37
Ethyl Acetate
Concen: 20.937 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion: 43 Resp: 63552
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.4
70 11.8 8.7 13.1

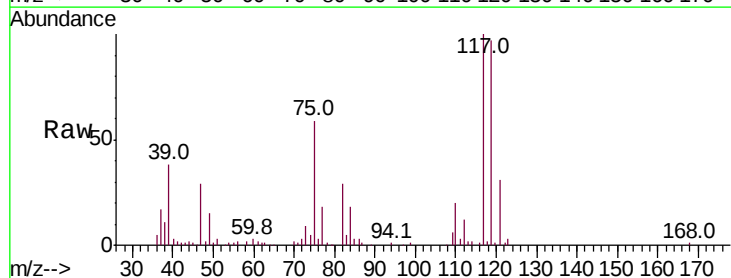


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

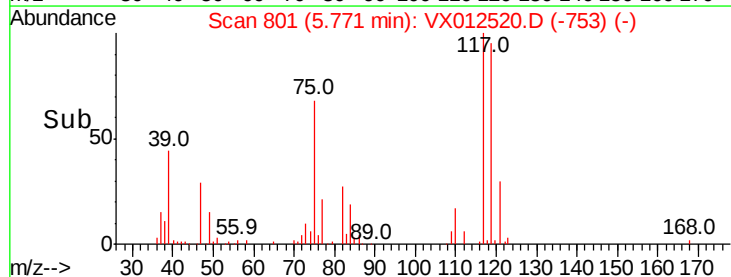
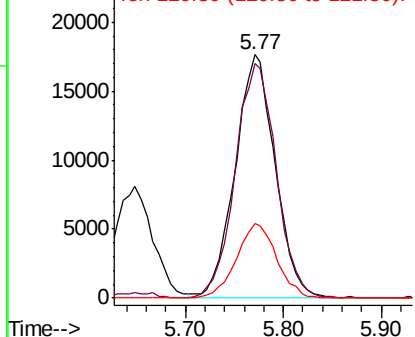


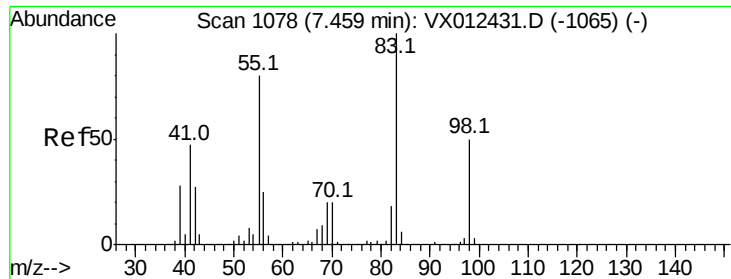
#38
Carbon Tetrachloride
Concen: 20.444 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 117 Resp: 50280
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5
121 30.9 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

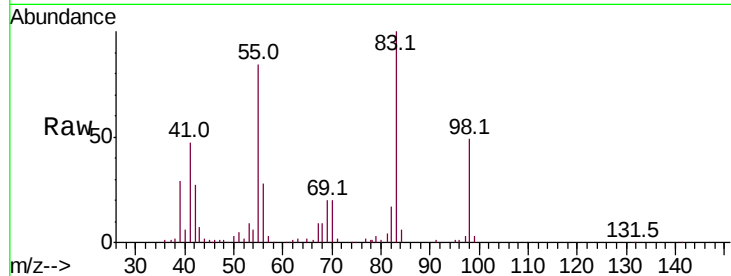




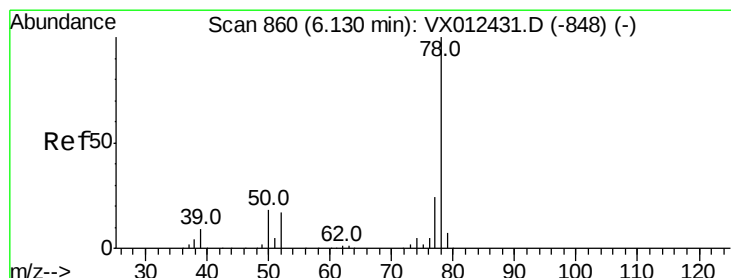
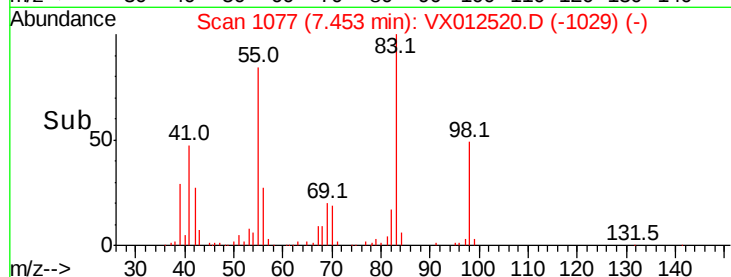
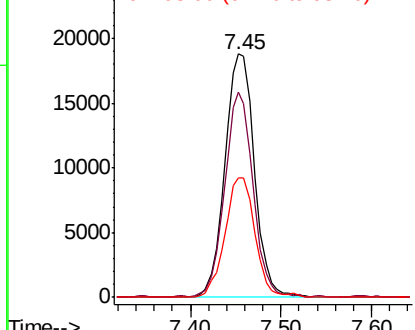
#39
Methvlcvclohexane
Concen: 22.293 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion: 83 Resp: 42856
Ion Ratio Lower Upper
83 100
55 84.1 64.4 96.6
98 49.2 40.1 60.1

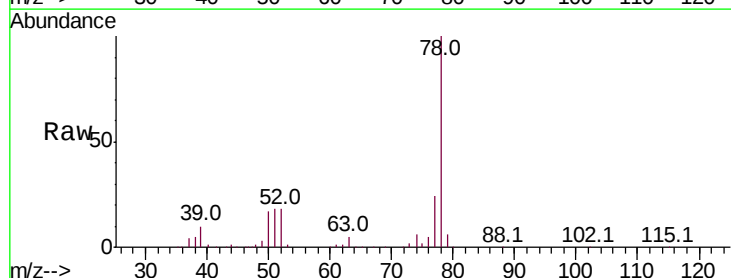


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

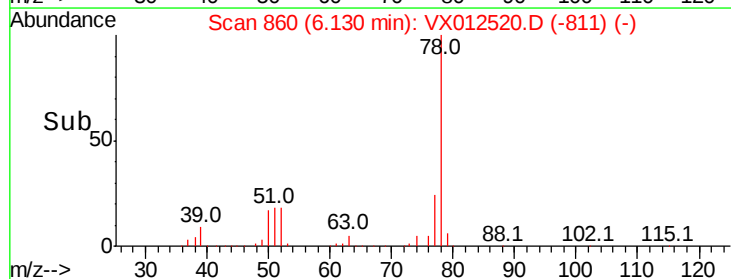
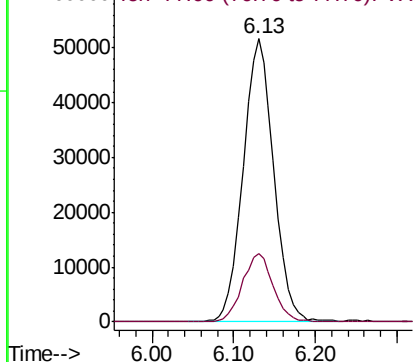


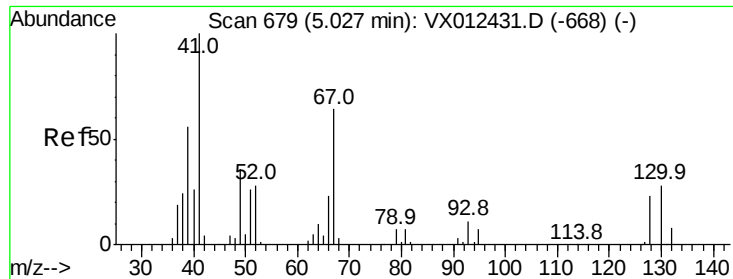
#40
Benzene
Concen: 21.388 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 78 Resp: 134493
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8



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

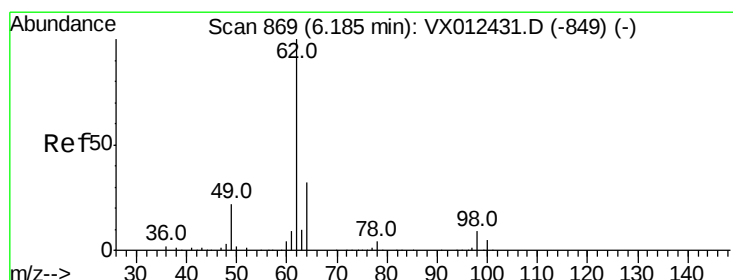
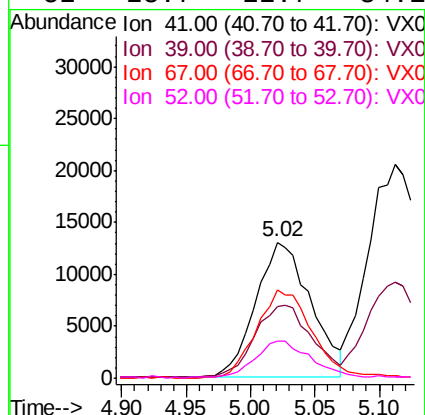
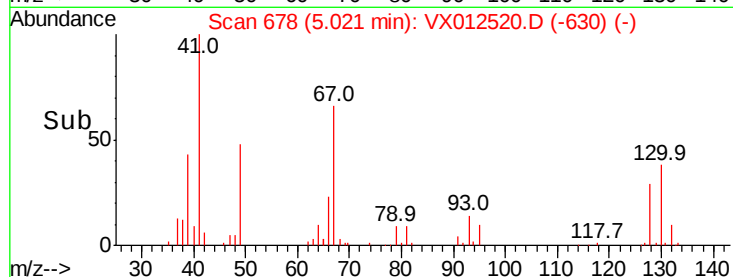
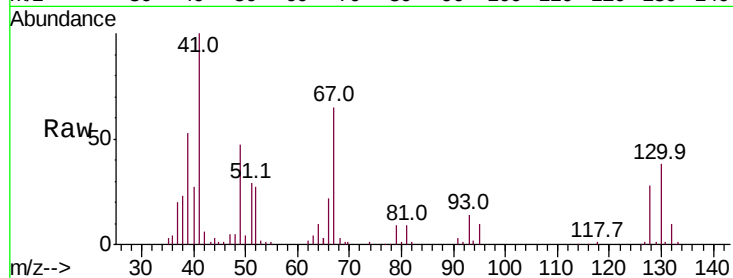




#41
Methacrylonitrile
Concen: 19.788 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

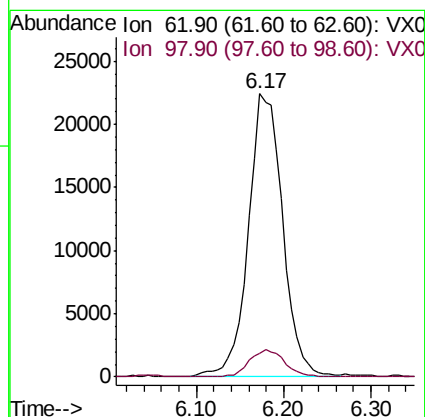
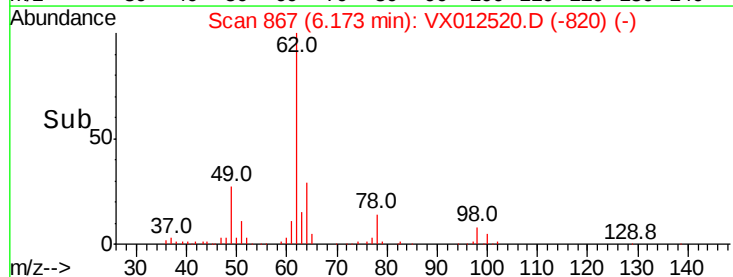
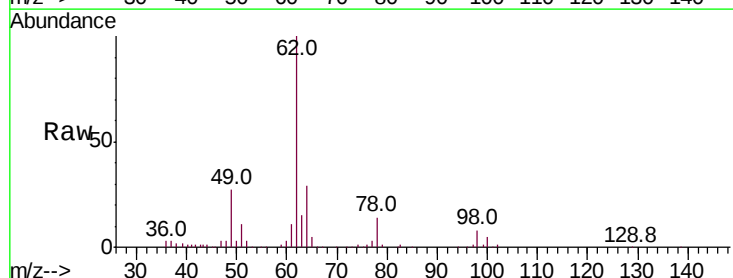
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

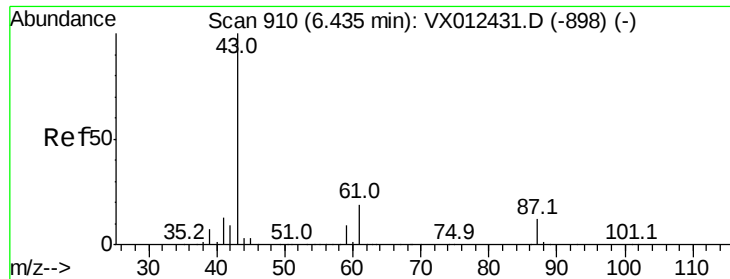
Tot Ion:	41	Resp:	38675
Ion	Ratio	Lower	Upper
41	100		
39	55.6	46.0	69.0
67	67.1	52.2	78.2
52	28.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.976 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion:	62	Resp:	61179
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.928 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

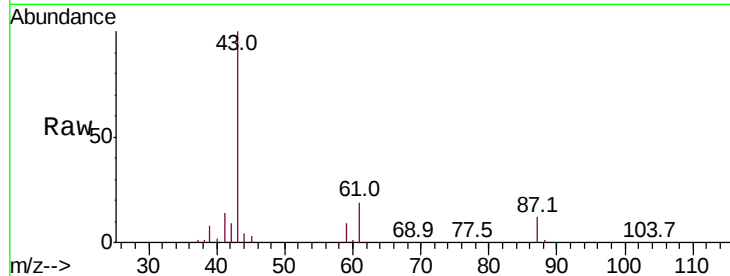
Tot Ion: 43 Resp: 108566

Ion Ratio Lower Upper

43 100

61 20.1 15.4 23.0

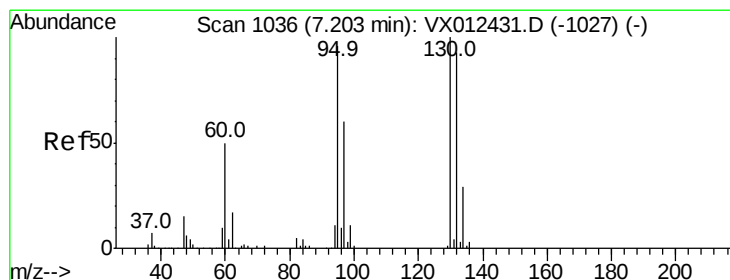
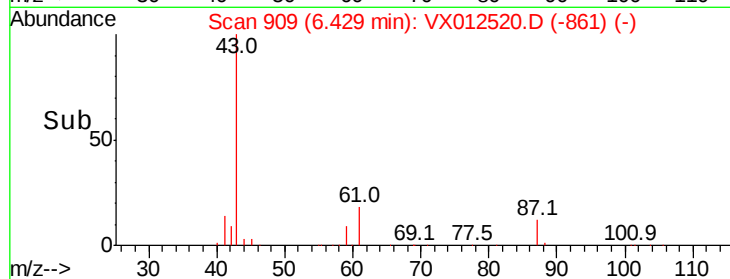
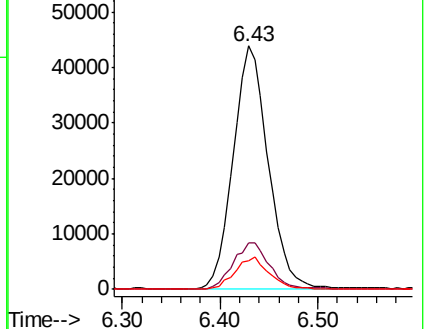
87 13.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 22.604 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012520.D

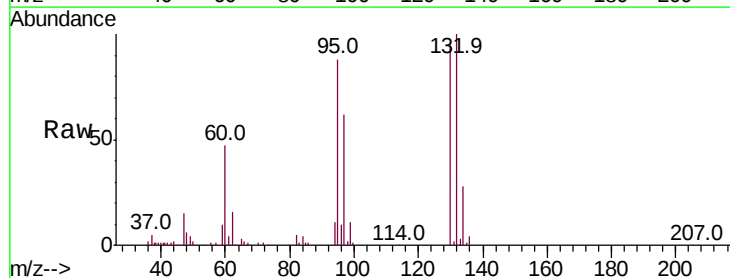
Acq: 19 Sep 2019 12:04

Tgt Ion:130 Resp: 37390

Ion Ratio Lower Upper

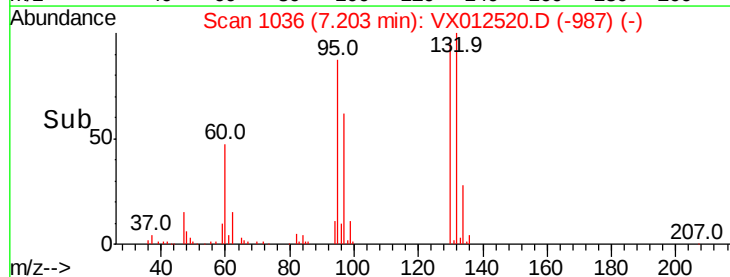
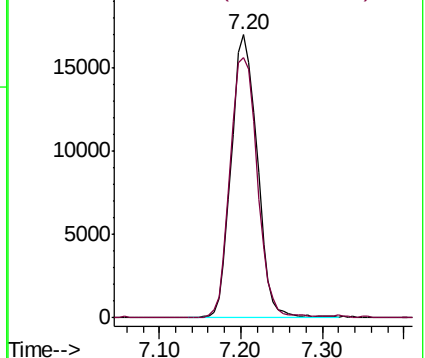
130 100

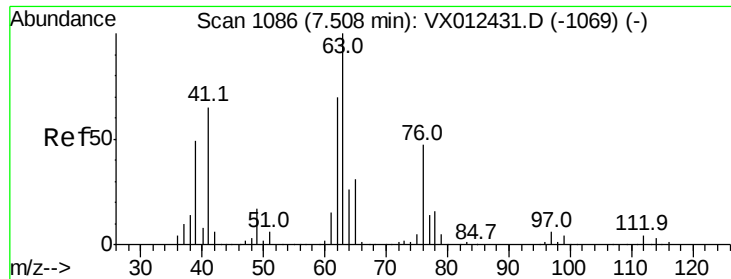
95 91.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.793 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

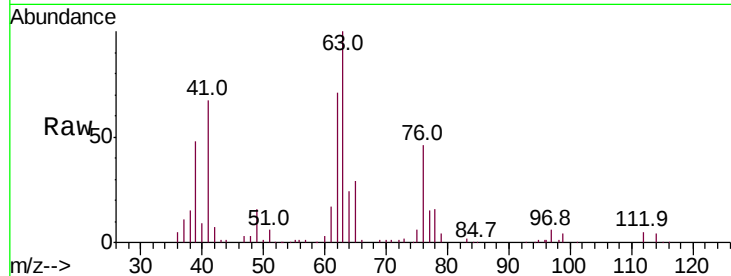
VX0919WBS01

Tot Ion: 63 Resp: 40170

Ion Ratio Lower Upper

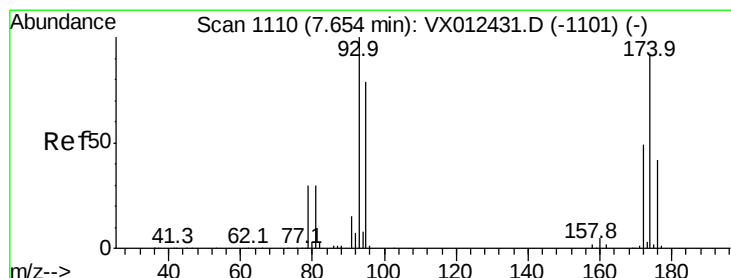
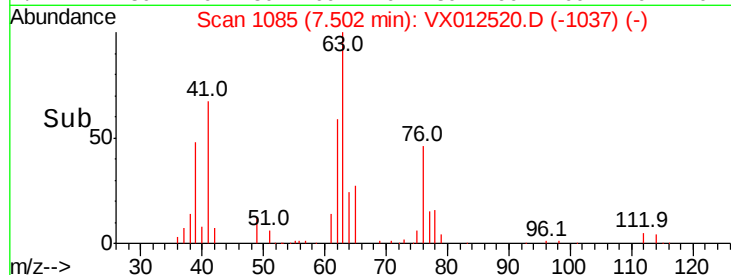
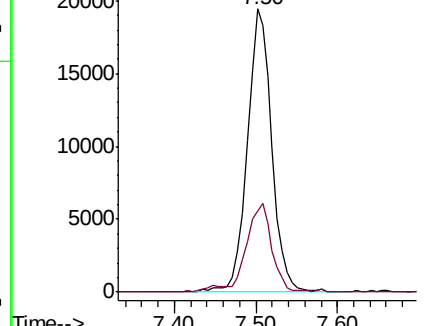
63 100

65 28.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.391 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

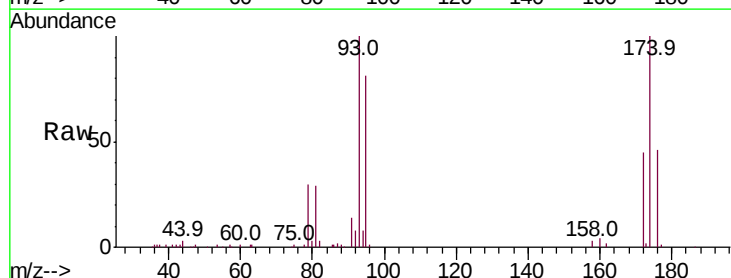
Tgt Ion: 93 Resp: 26743

Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

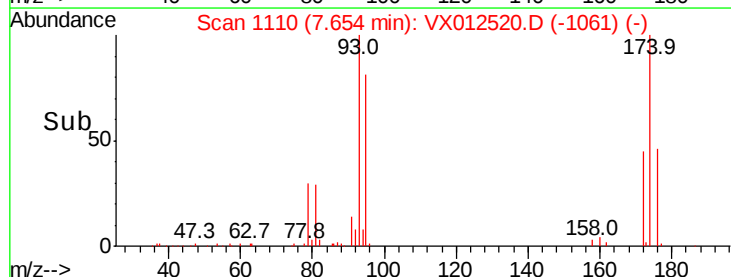
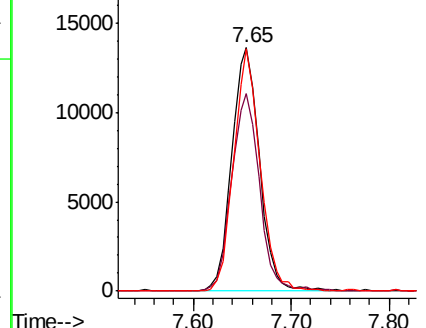
174 94.5 77.4 116.0

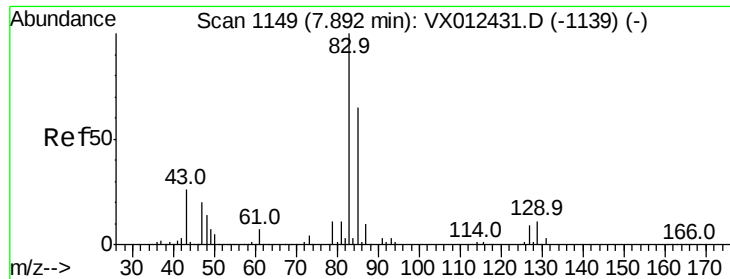


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.753 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

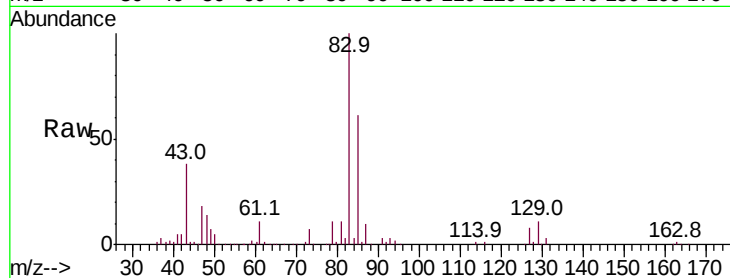
Tot Ion: 83 Resp: 57769

Ion Ratio Lower Upper

83 100

85 60.8 51.8 77.6

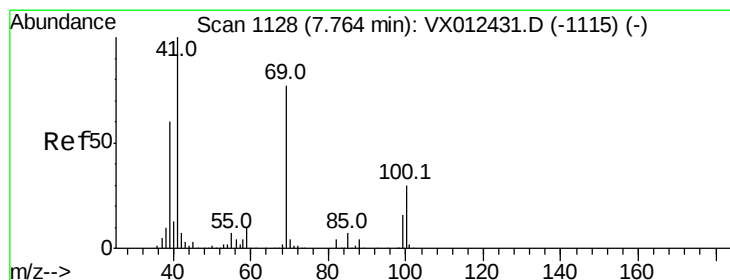
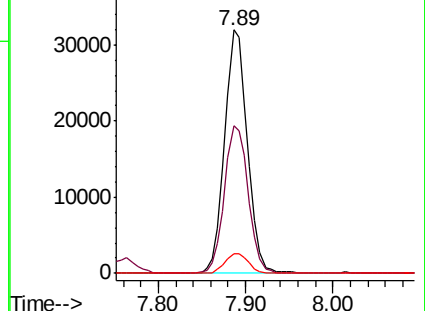
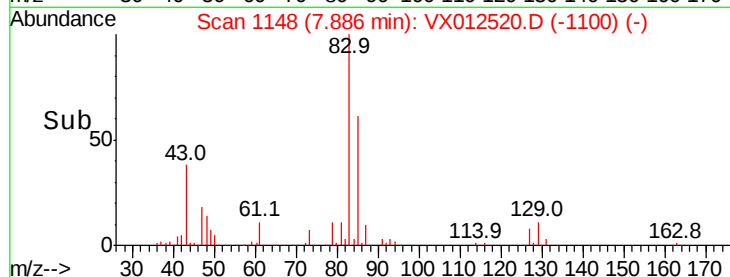
127 8.0 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.758 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

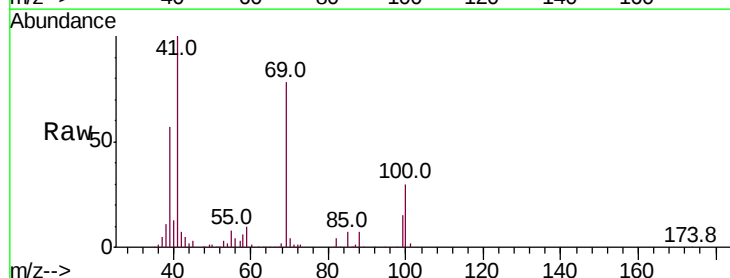
Tgt Ion: 41 Resp: 50741

Ion Ratio Lower Upper

41 100

69 79.0 59.9 89.9

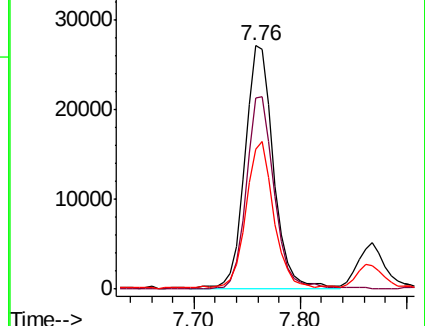
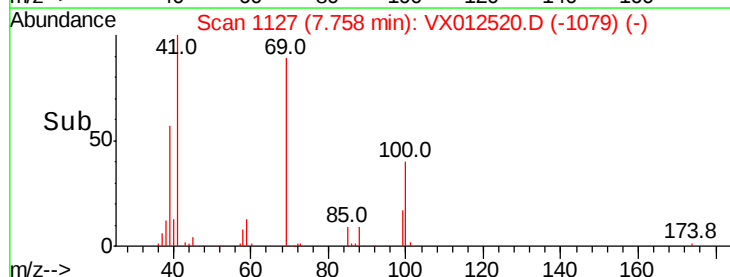
39 58.6 47.8 71.6

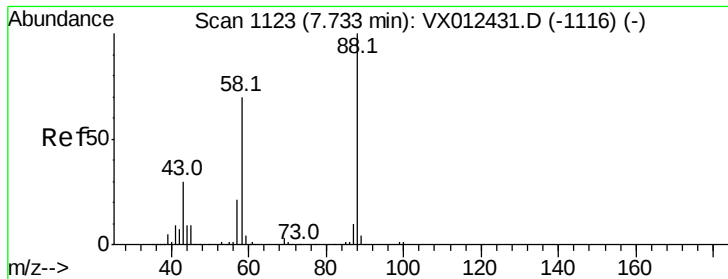


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

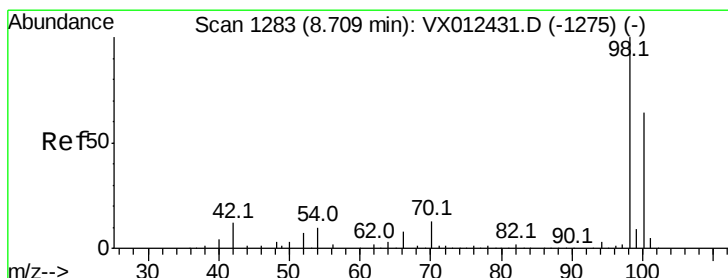
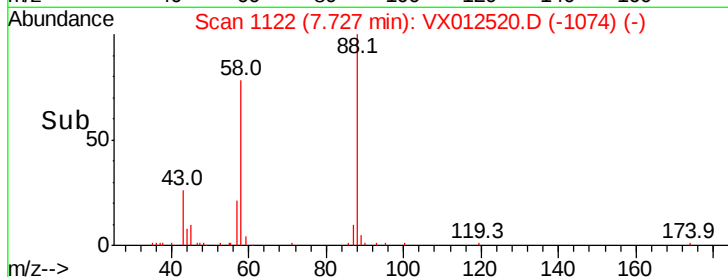
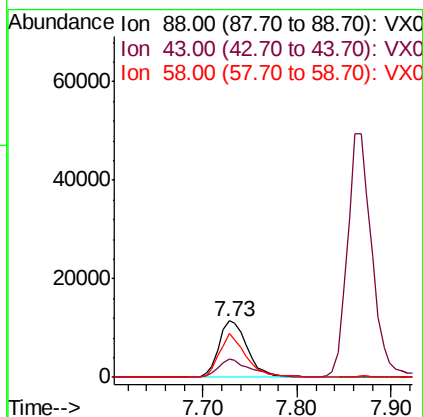
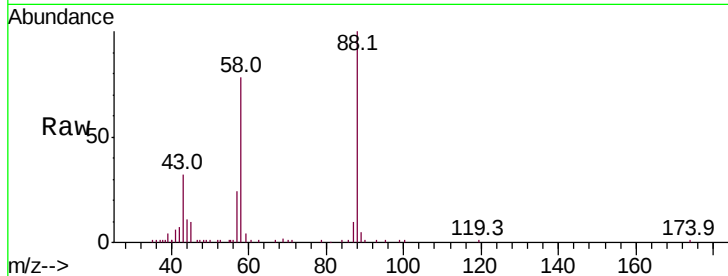




#49
1,4-Dioxane
Concen: 390.709 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

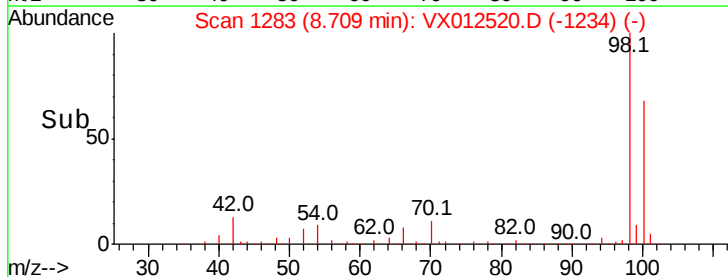
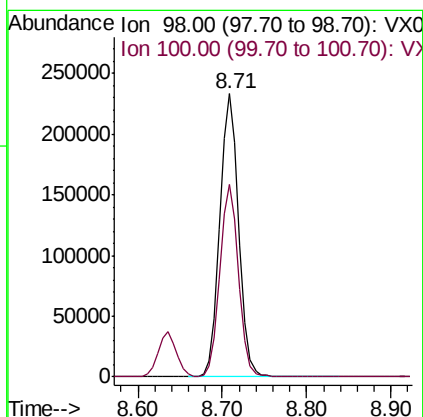
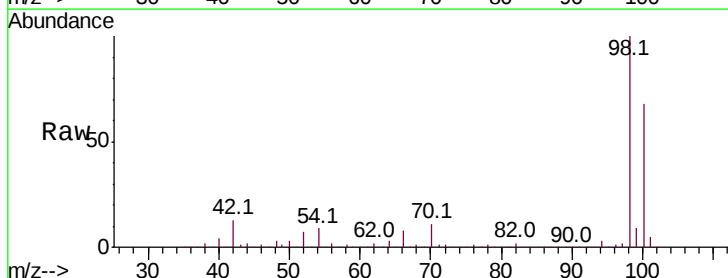
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

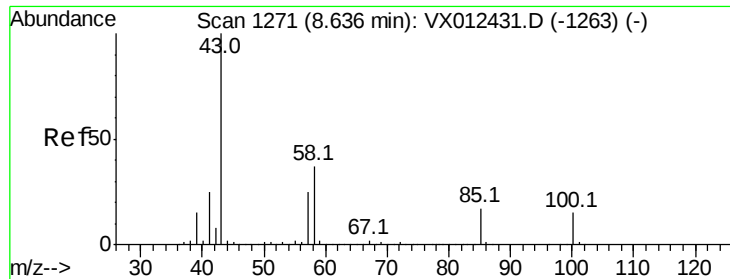
Tot Ion: 88 Resp: 24421
Ion Ratio Lower Upper
88 100
43 36.1 29.4 44.0
58 72.7 57.5 86.3



#50
Toluene-d8
Concen: 49.681 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 98 Resp: 362152
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2

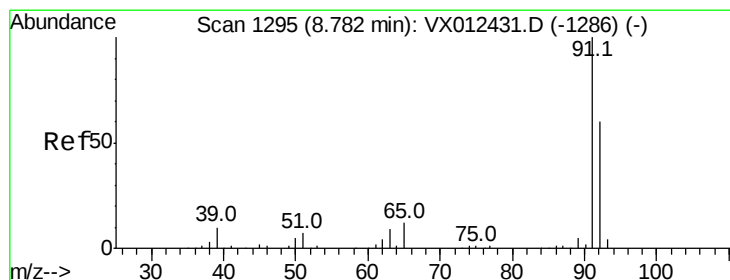
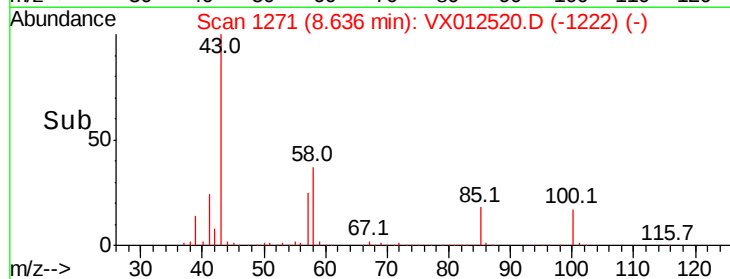
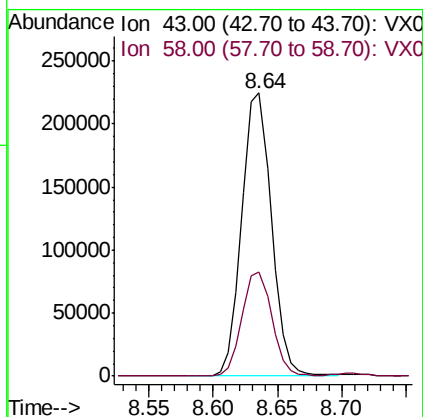
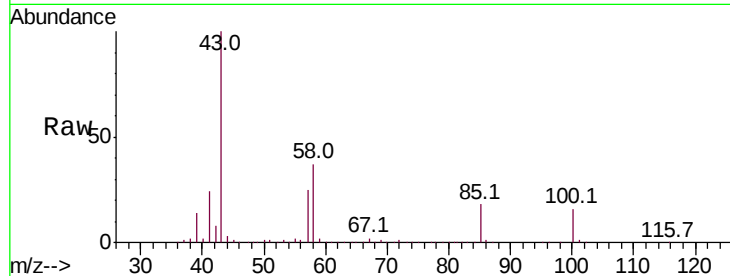




#51
 4-Methyl-2-Pentanone
 Concen: 100.329 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

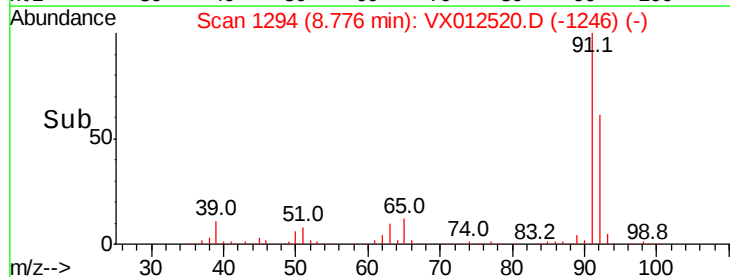
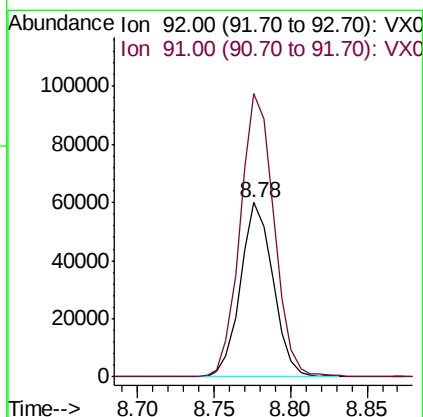
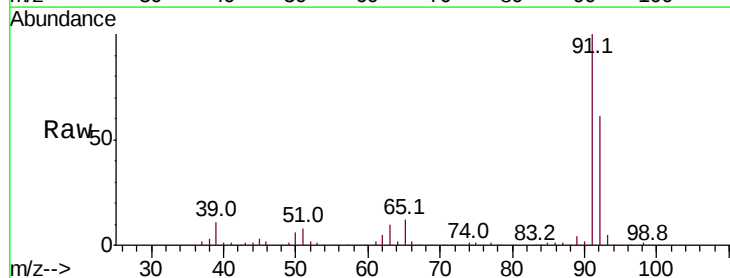
Instrument :
 MSVOA_X
 ClientSampled :
 VX0919WBS01

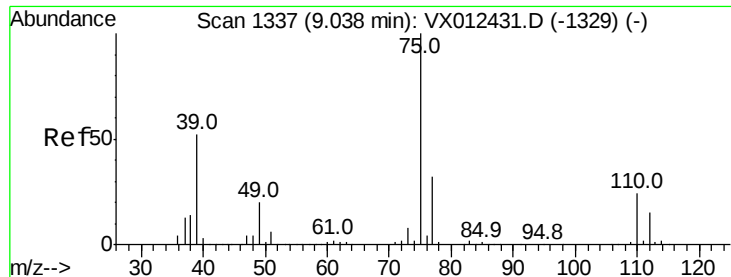
Tot Ion: 43 Resp: 358455
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.6



#52
 Toluene
 Concen: 21.952 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 92 Resp: 88951
 Ion Ratio Lower Upper
 92 100
 91 168.3 135.4 203.0

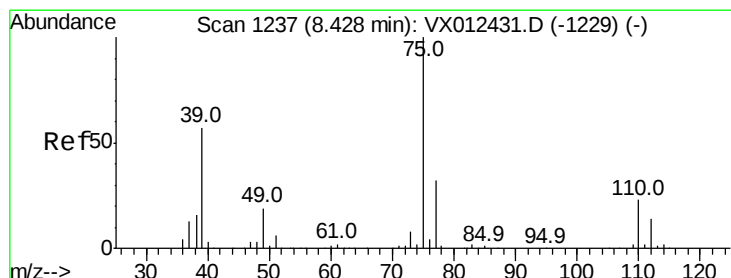
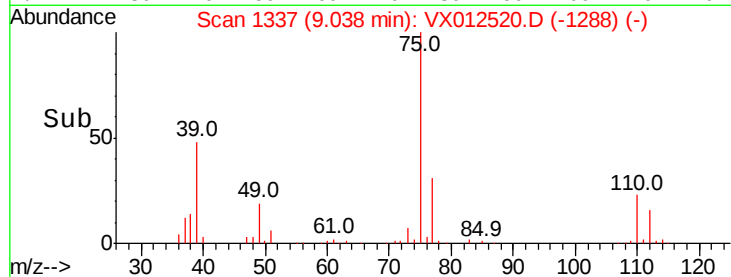
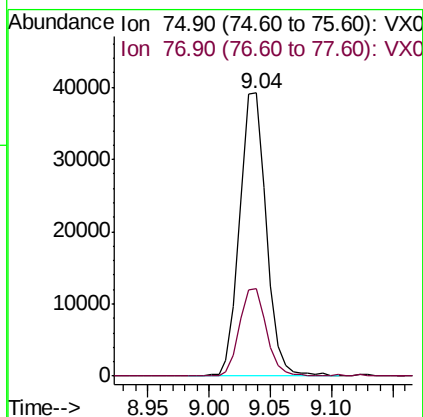
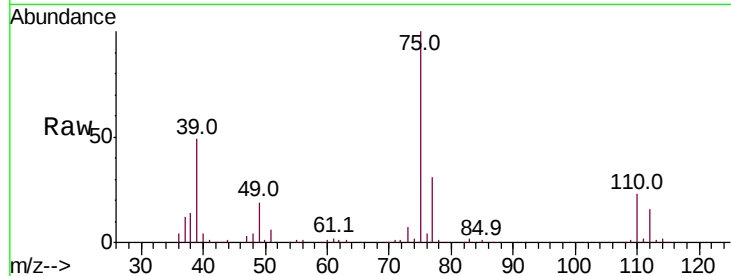




#53
 t-1,3-Dichloropropene
 Concen: 20.456 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

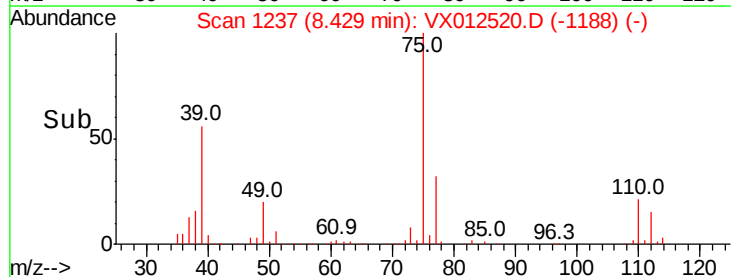
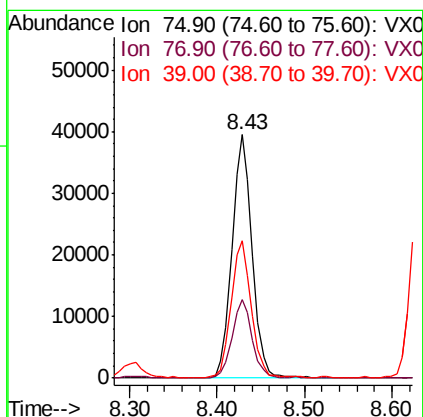
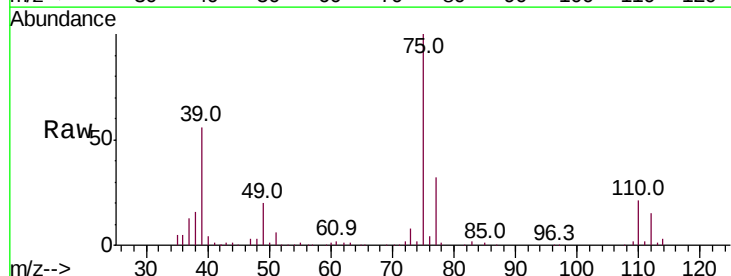
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

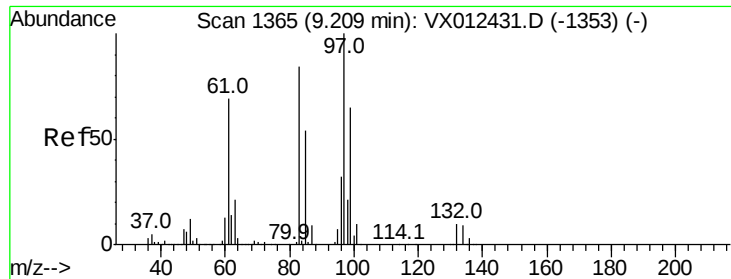
Tot Ion: 75 Resp: 59193
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.119 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 75 Resp: 63266
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8
 39 56.0 45.5 68.3

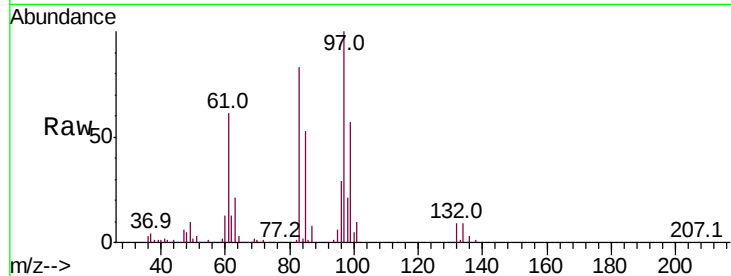




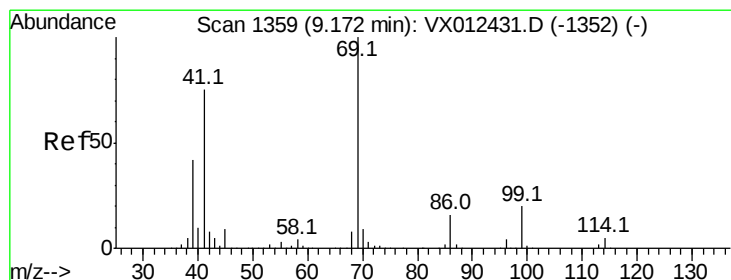
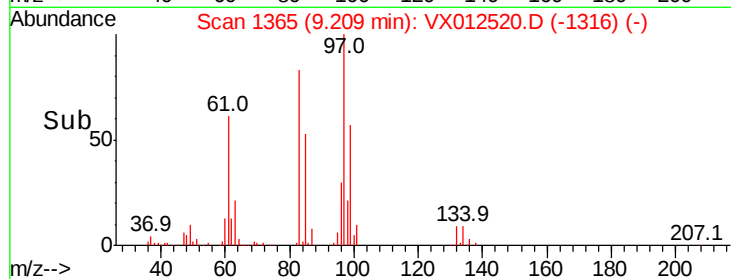
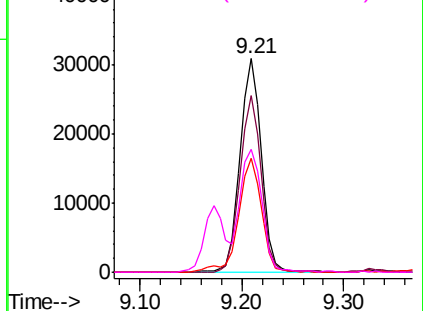
#55
 1,1,2-Trichloroethane
 Concen: 21.334 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion:	97	Resp:	44537
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.4	101.2
85	53.2	43.5	65.3
99	57.2	51.8	77.8

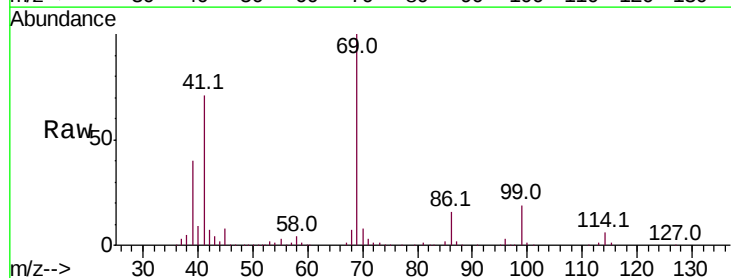


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

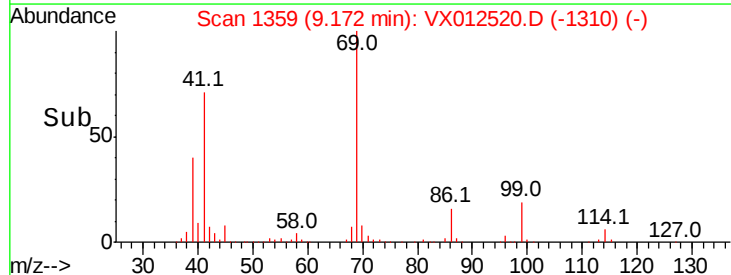
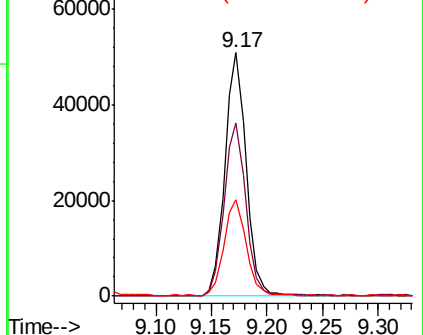


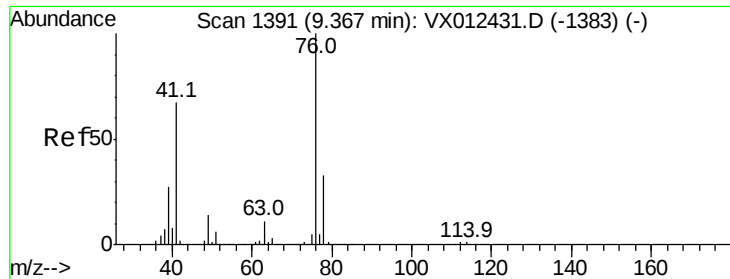
#56
 Ethyl methacrylate
 Concen: 20.739 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion:	69	Resp:	67691
Ion	Ratio	Lower	Upper
69	100		
41	72.1	58.4	87.6
39	40.6	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: 21.606 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

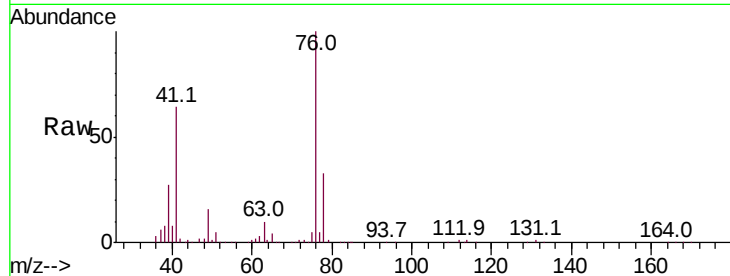
VX0919WBS01

Tot Ion: 76 Resp: 71964

Ion Ratio Lower Upper

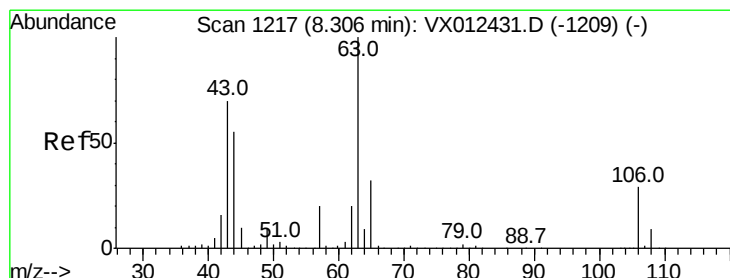
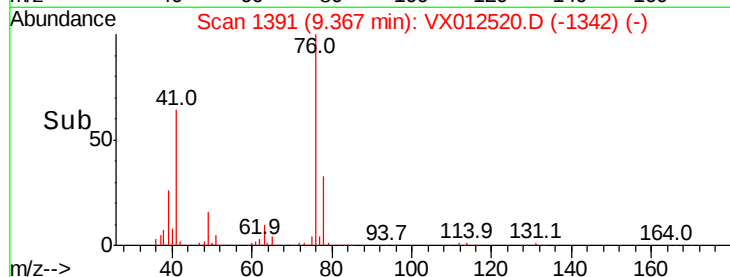
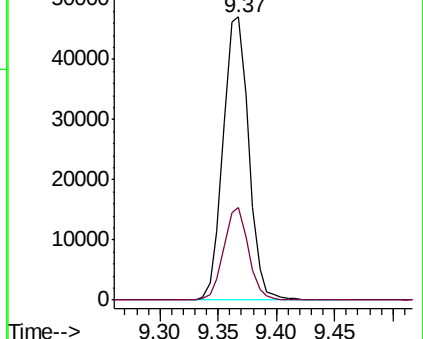
76 100

78 31.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.912 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012520.D

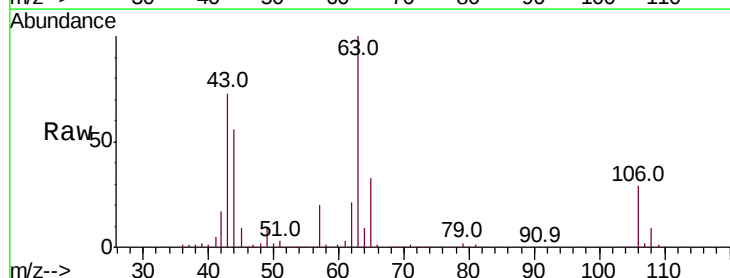
Acq: 19 Sep 2019 12:04

Tgt Ion: 63 Resp: 173872

Ion Ratio Lower Upper

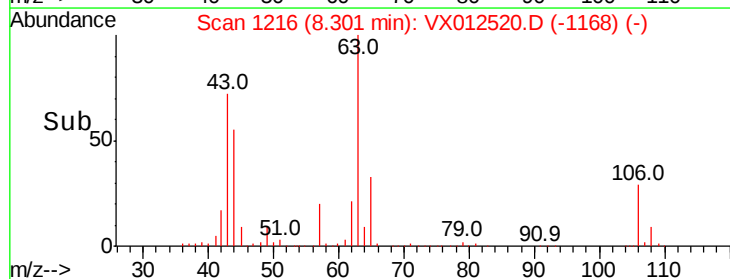
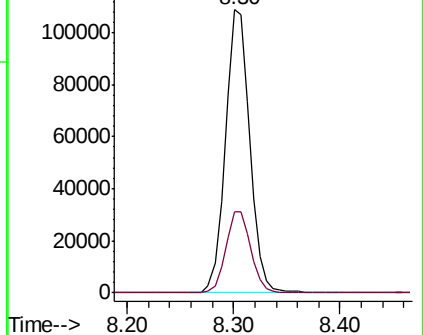
63 100

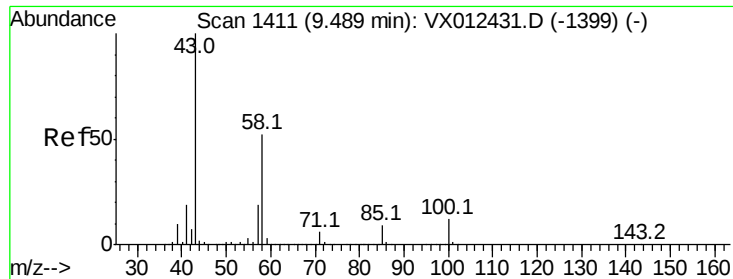
106 29.6 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

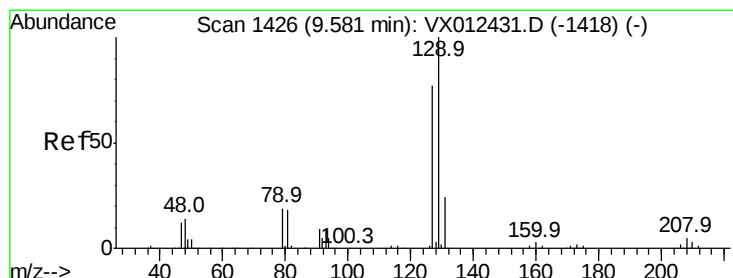
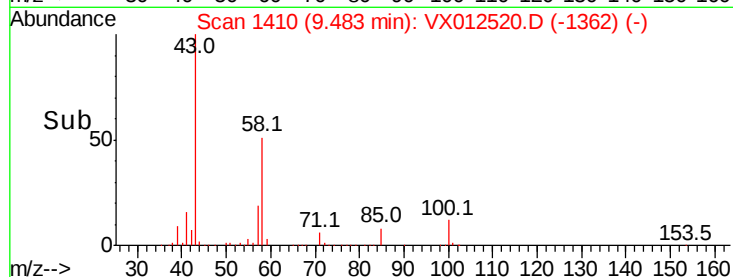
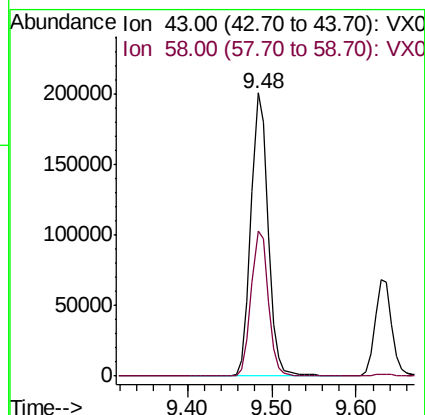
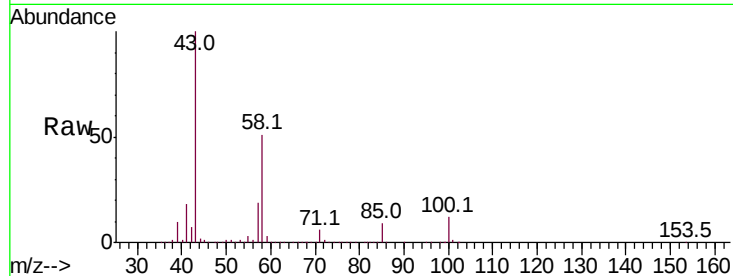




#59
2-Hexanone
Concen: 97.781 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

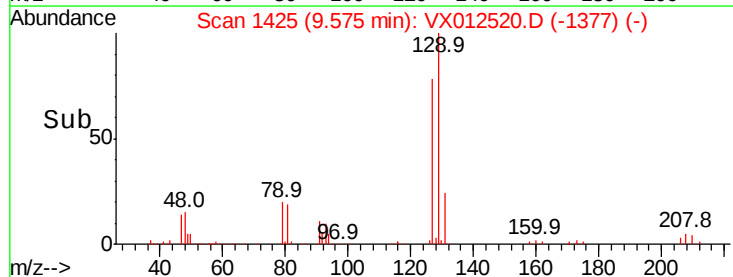
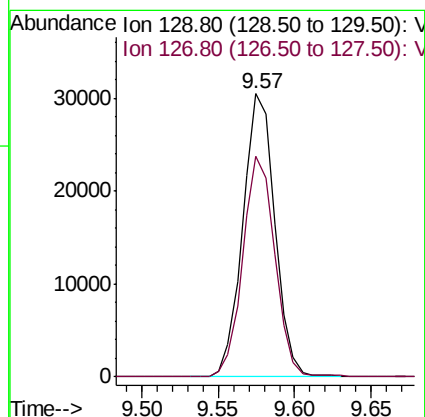
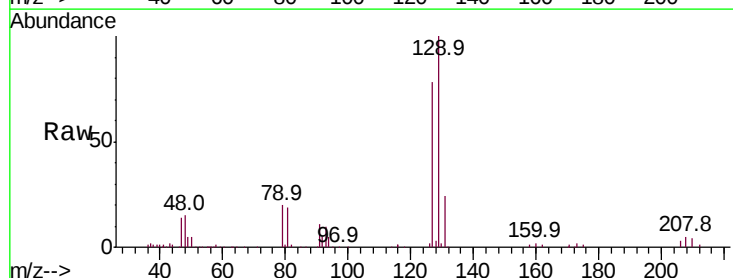
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

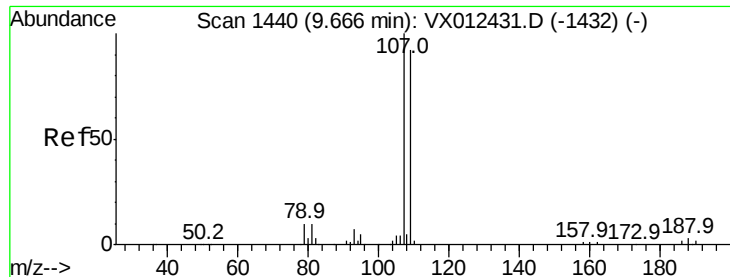
Tot Ion: 43 Resp: 272552
Ion Ratio Lower Upper
43 100
58 51.5 25.7 77.1



#60
Dibromochloromethane
Concen: 20.803 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 129 Resp: 44236
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.892 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

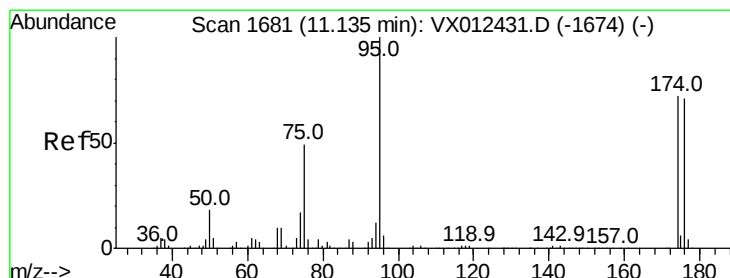
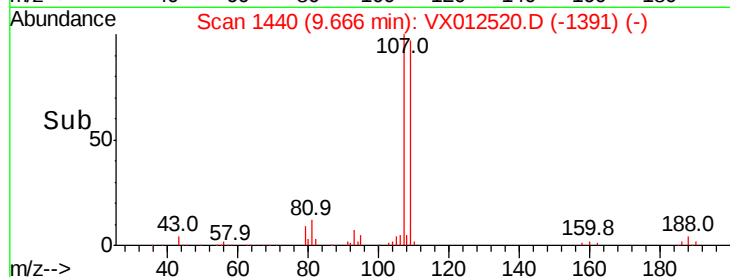
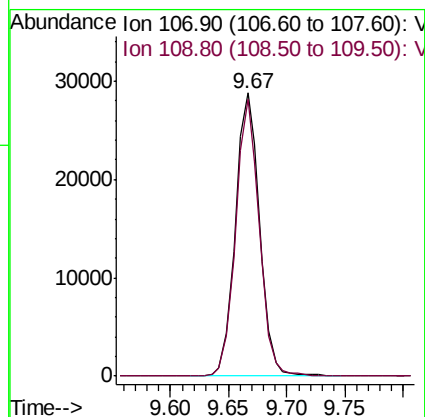
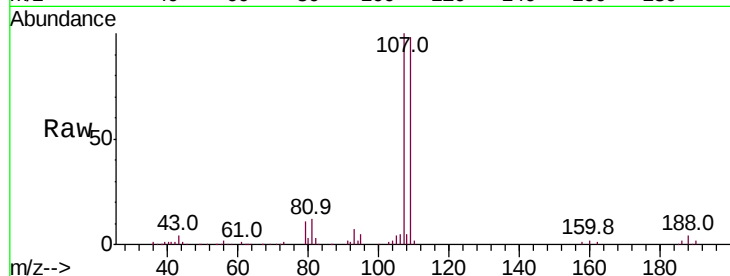
VX0919WBS01

Tot Ion:107 Resp: 41739

Ion Ratio Lower Upper

107 100

109 94.9 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 48.420 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

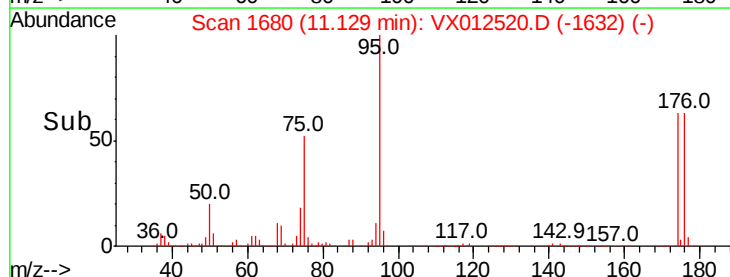
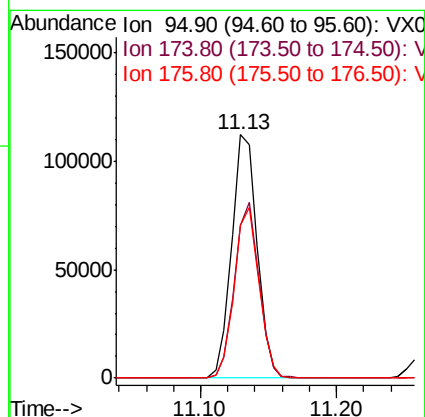
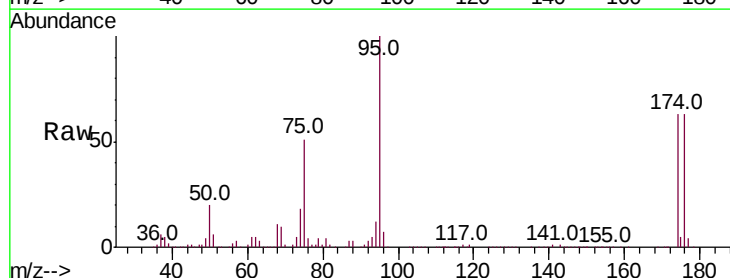
Tgt Ion: 95 Resp: 146551

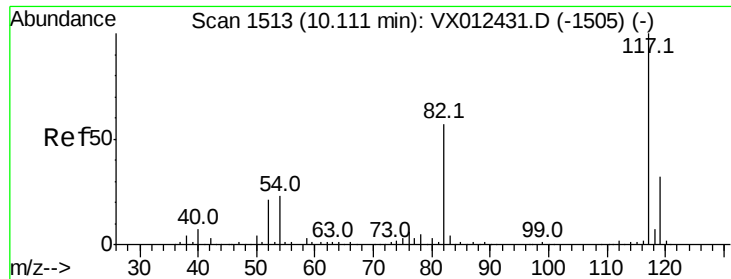
Ion Ratio Lower Upper

95 100

174 69.9 0.0 140.0

176 68.0 0.0 135.4

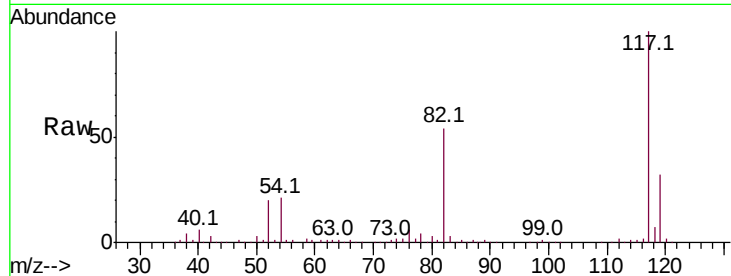




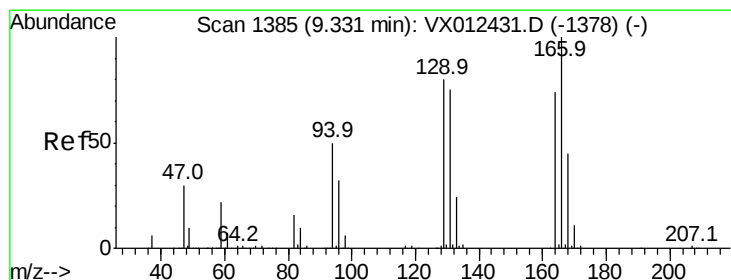
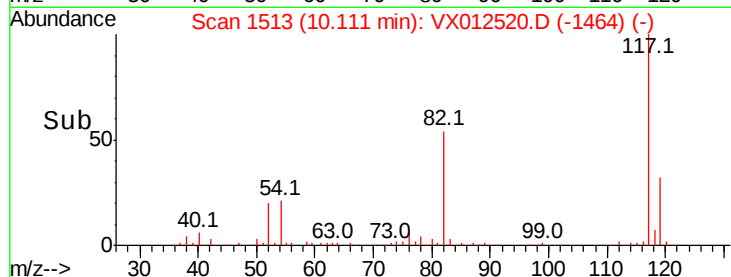
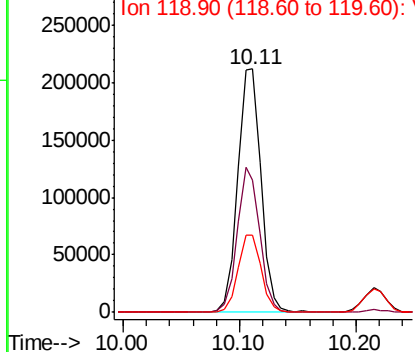
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion:117 Resp: 295139
Ion Ratio Lower Upper
117 100
82 54.4 45.9 68.9
119 31.7 25.3 37.9

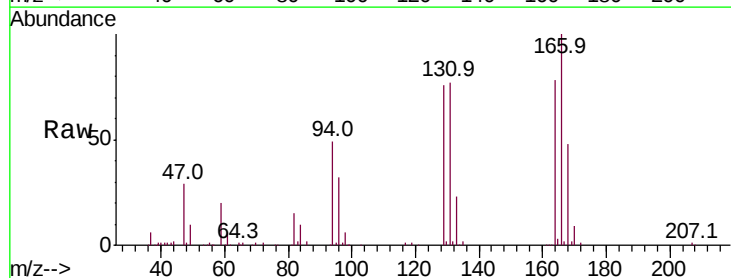


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

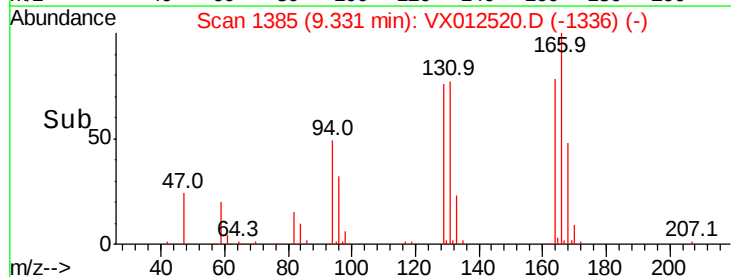
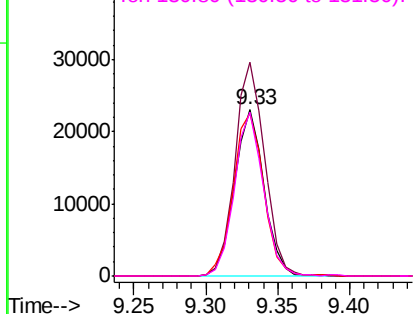


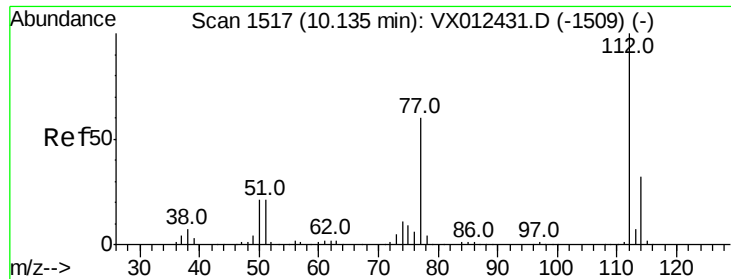
#64
Tetrachloroethene
Concen: 24.401 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion:164 Resp: 33001
Ion Ratio Lower Upper
164 100
166 128.4 107.8 161.6
129 97.9 86.2 129.2
131 98.4 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

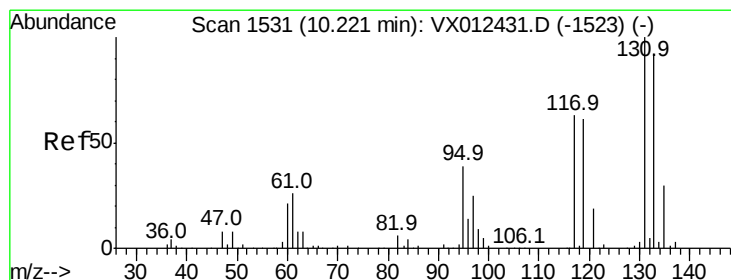
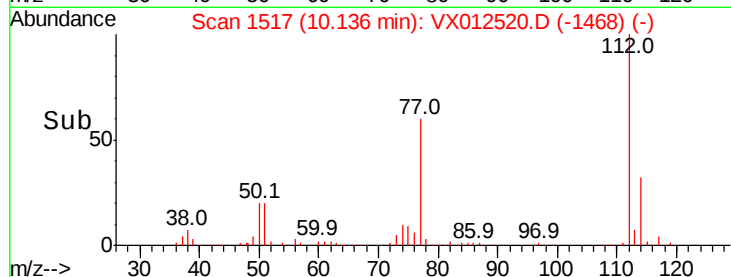
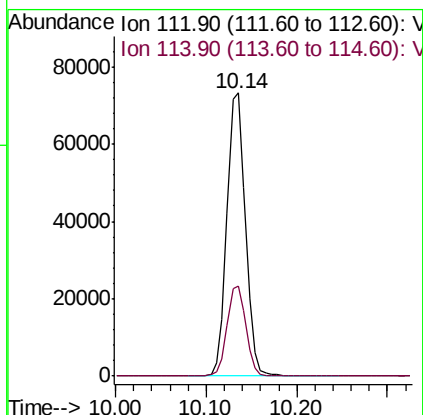
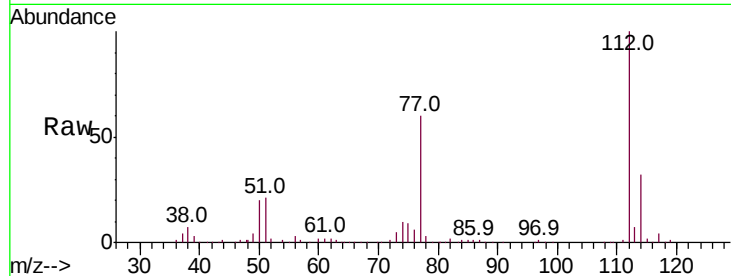




#65
Chlorobenzene
Concen: 21.426 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

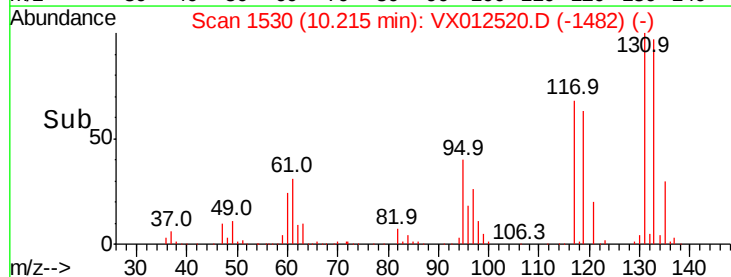
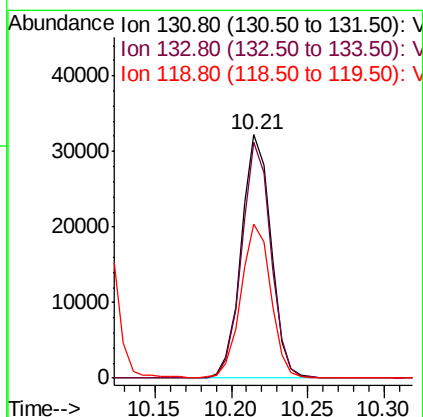
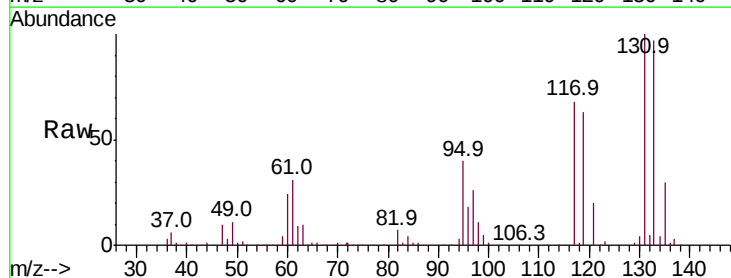
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

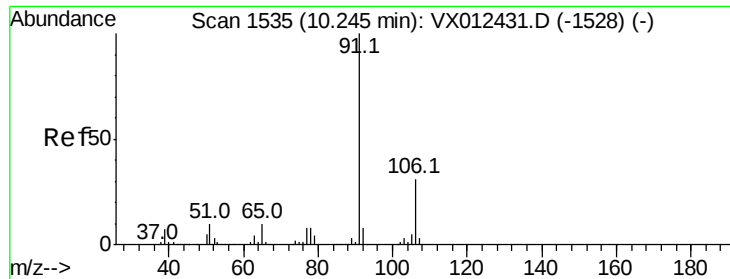
Tot Ion:112 Resp: 104370
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.463 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion:131 Resp: 43392
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.9 31.3 93.8

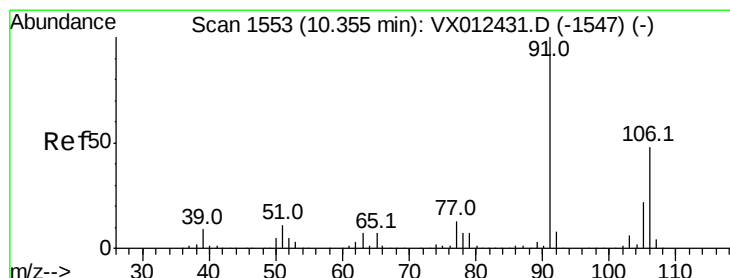
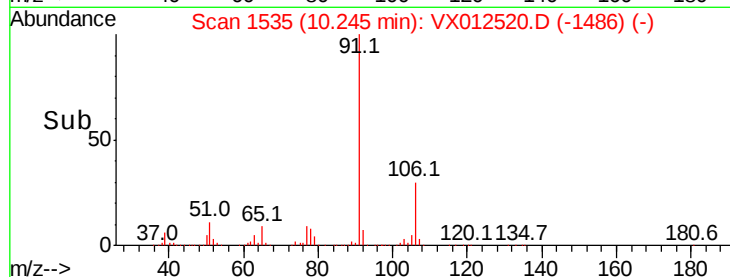
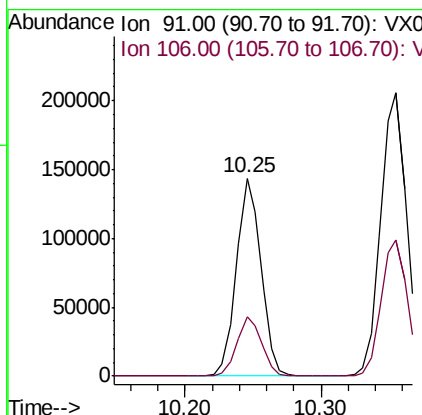
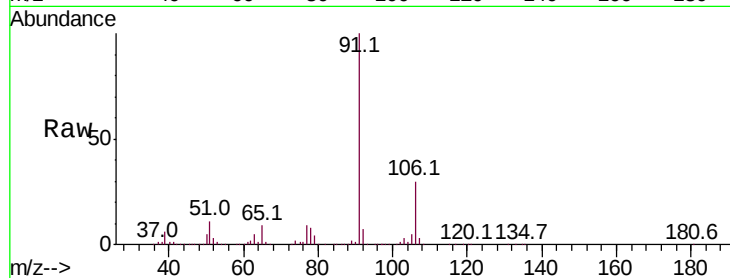




#67
Ethyl Benzene
Concen: 21.684 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

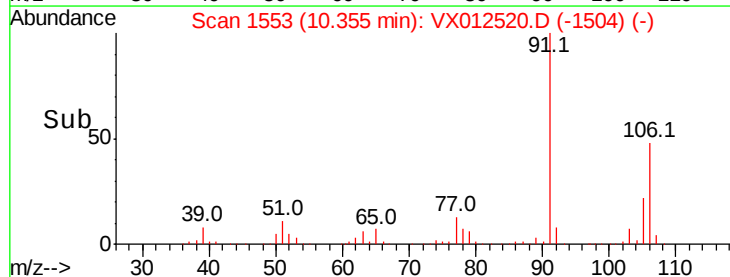
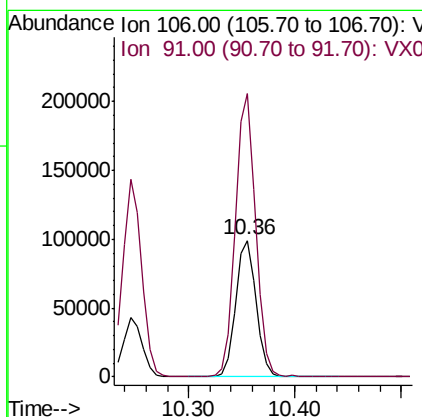
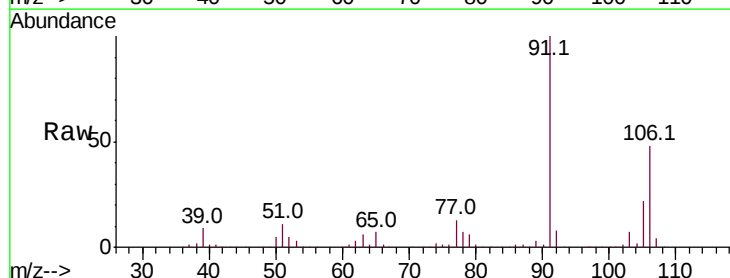
Instrument :
MSVOA_X
ClientSampled :
VX0919WBS01

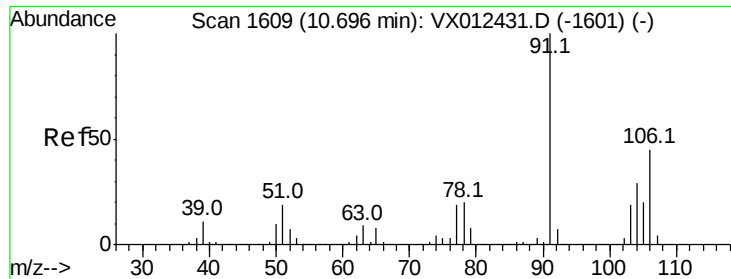
Tot Ion: 91 Resp: 181479
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0



#68
m/p-Xylenes
Concen: 43.772 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 106 Resp: 133290
Ion Ratio Lower Upper
106 100
91 206.0 166.6 250.0

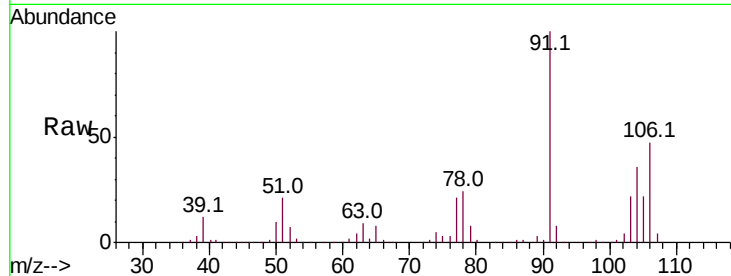




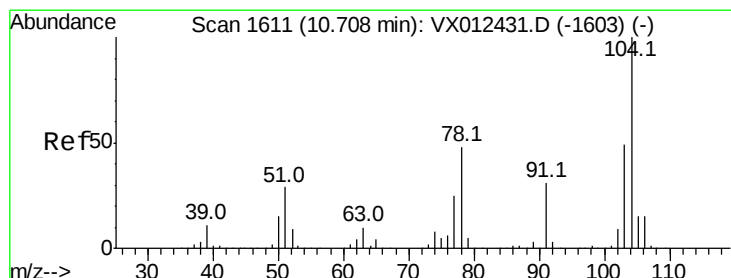
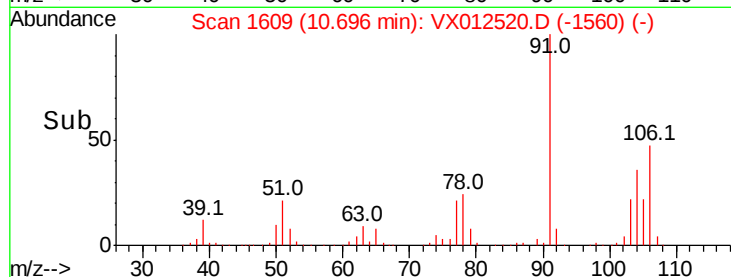
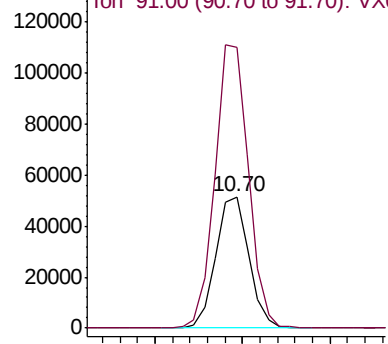
#69
o-Xylene
Concen: 21.638 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion:106 Resp: 67763
Ion Ratio Lower Upper
106 100
91 218.2 109.4 328.2

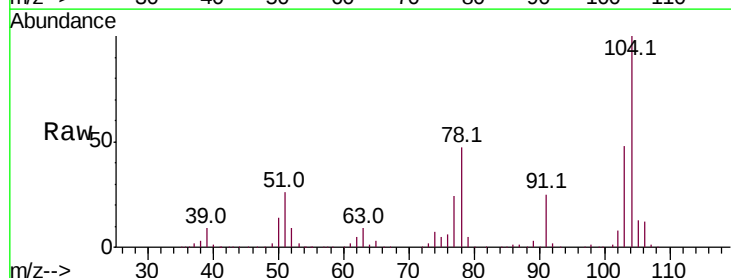


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

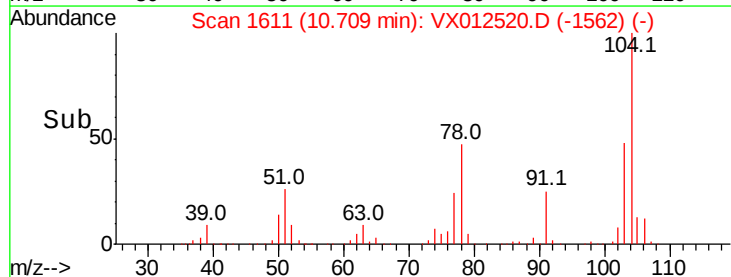
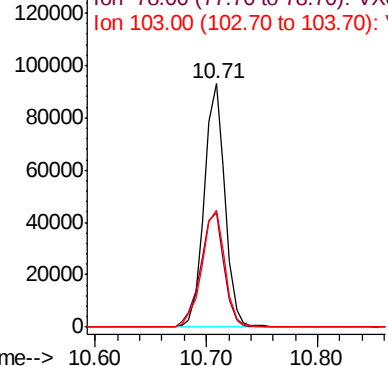


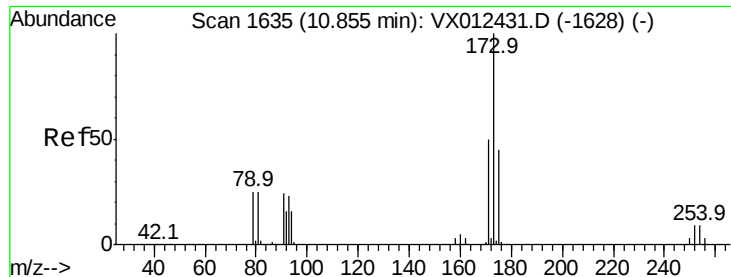
#70
Styrene
Concen: 21.513 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion:104 Resp: 119200
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.2
103 53.1 43.3 64.9



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





#71

Bromoform

Concen: 19.333 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

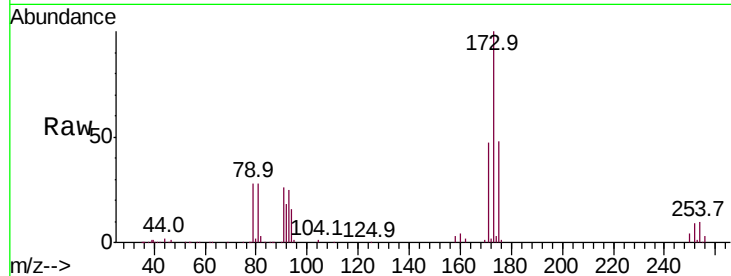
Tot Ion:173 Resp: 30403

Ion Ratio Lower Upper

173 100

175 46.9 23.7 71.1

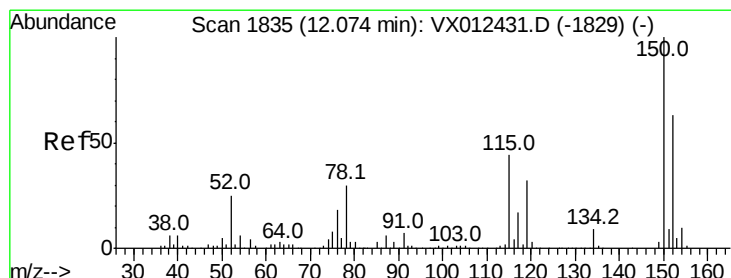
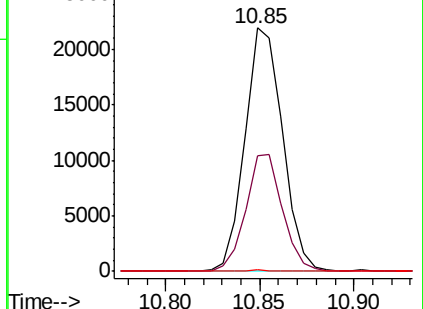
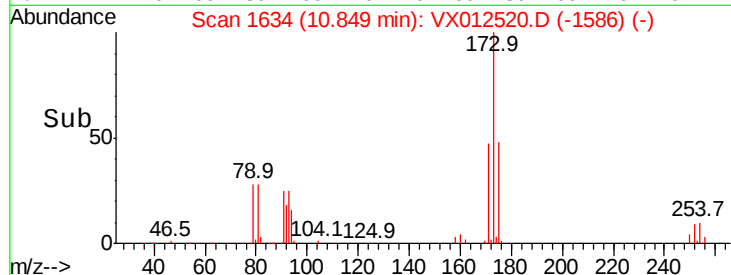
254 0.1 0.1 0.1#



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: VX012520.D

Acq: 19 Sep 2019 12:04

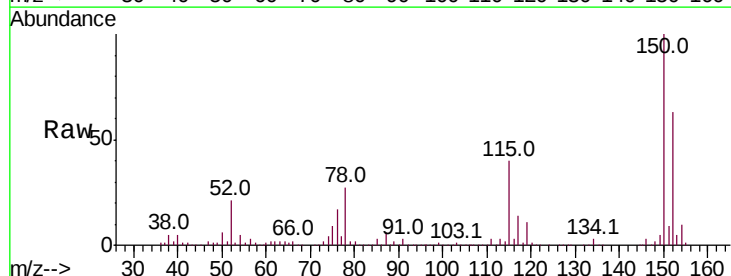
Tgt Ion:152 Resp: 141253

Ion Ratio Lower Upper

152 100

115 71.9 44.1 132.3

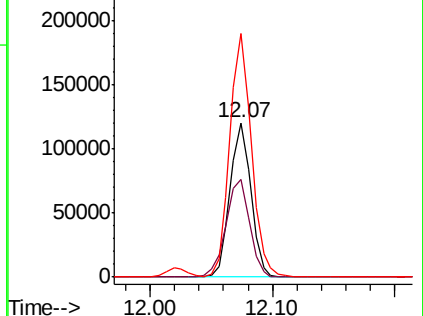
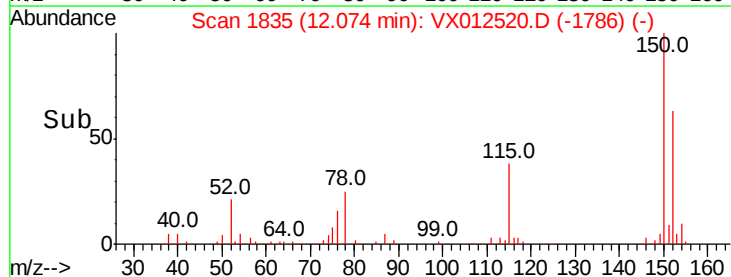
150 163.8 0.0 343.8

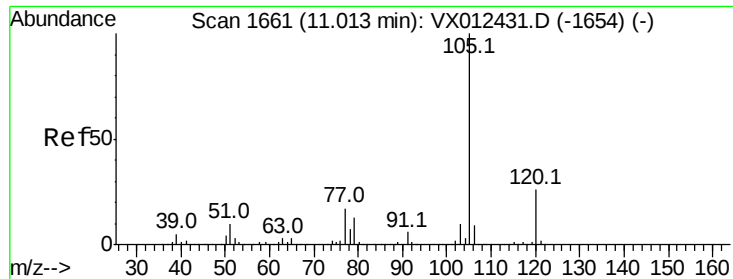


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.704 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

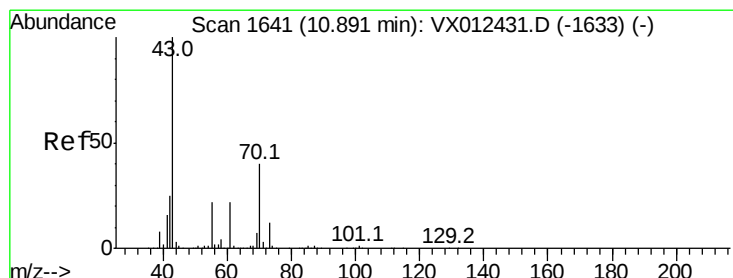
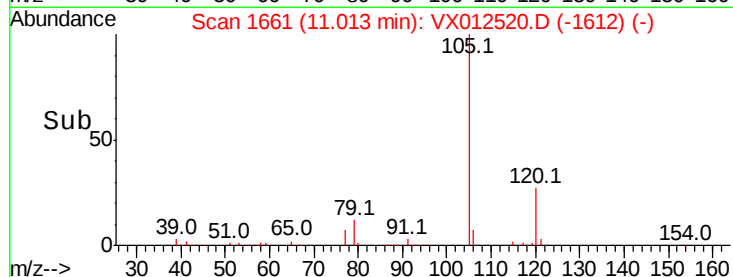
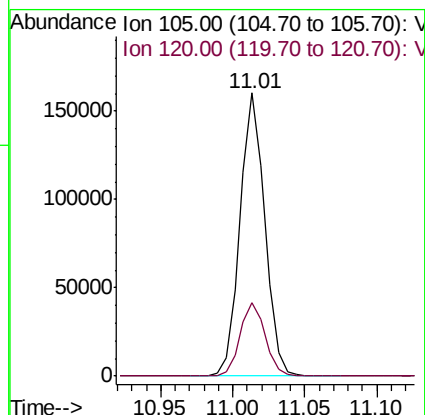
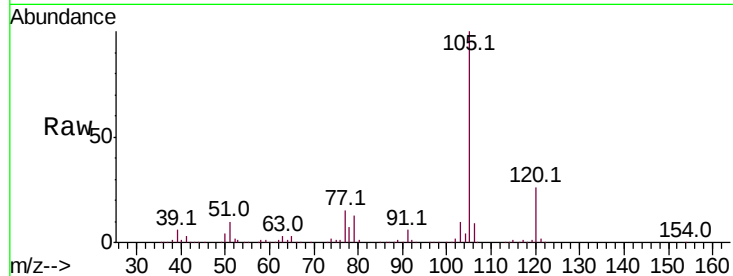
VX0919WBS01

Tot Ion:105 Resp: 192356

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



#74

N-ethyl acetate

Concen: 20.186 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion: 43 Resp: 96317

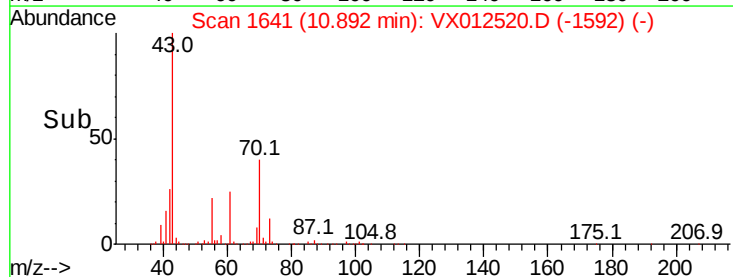
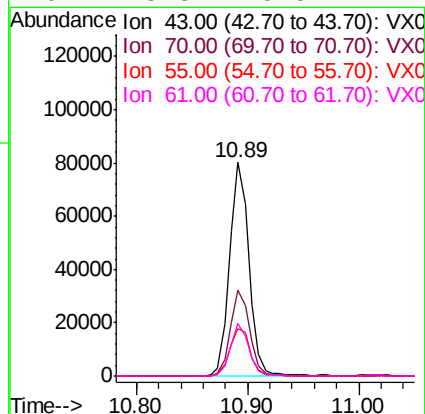
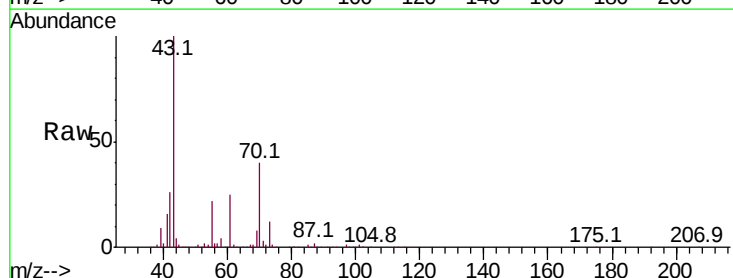
Ion Ratio Lower Upper

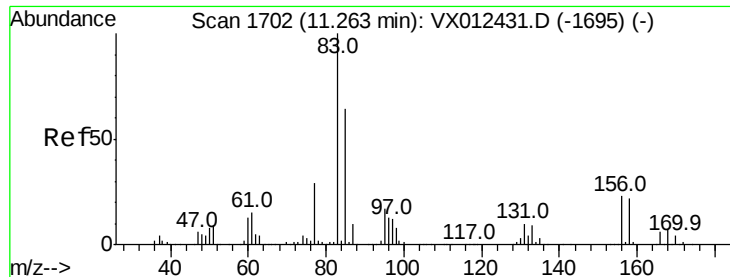
43 100

70 40.2 32.4 48.6

55 23.8 18.2 27.4

61 23.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.090 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0919WBS01

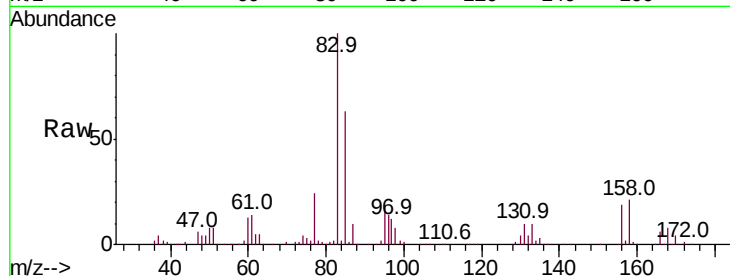
Tot Ion: 83 Resp: 69845

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

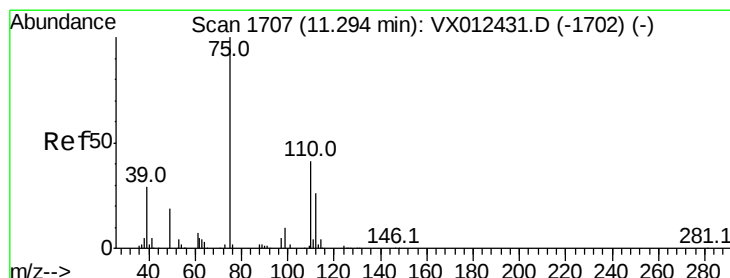
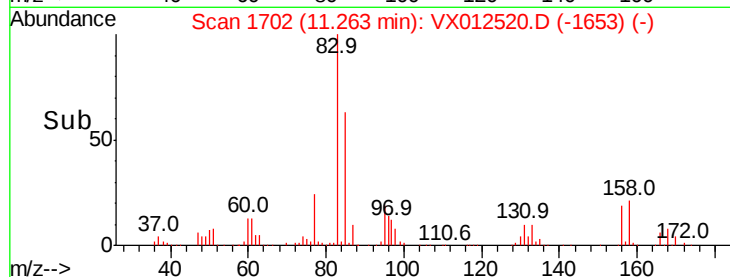
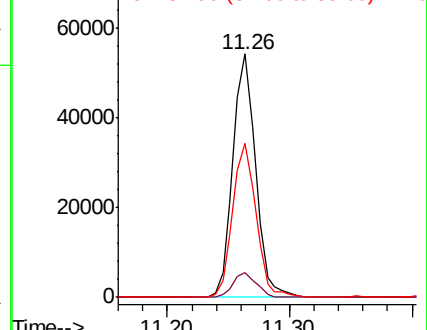
85 65.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.486 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012520.D

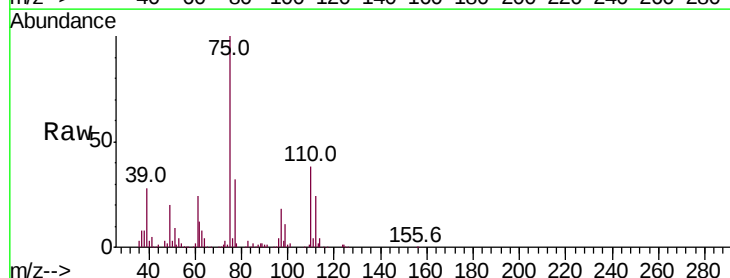
Acq: 19 Sep 2019 12:04

Tgt Ion: 75 Resp: 79451

Ion Ratio Lower Upper

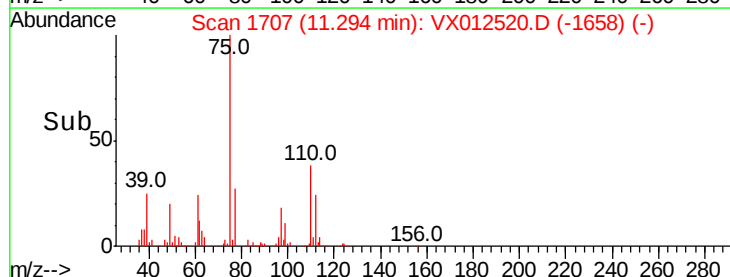
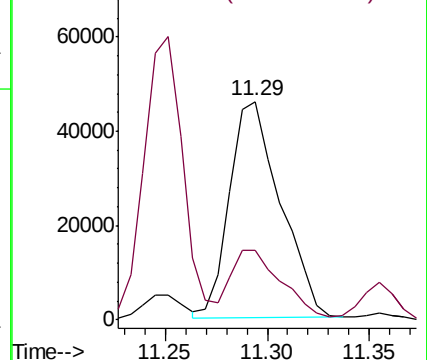
75 100

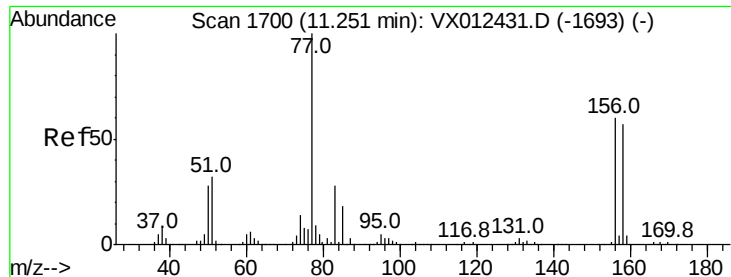
77 32.0 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.851 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

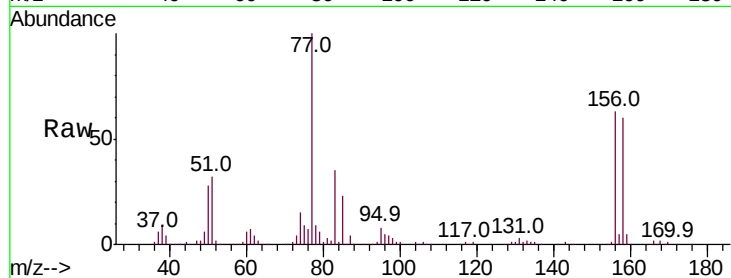
Tot Ion:156 Resp: 47231

Ion Ratio Lower Upper

156 100

77 170.1 87.3 261.8

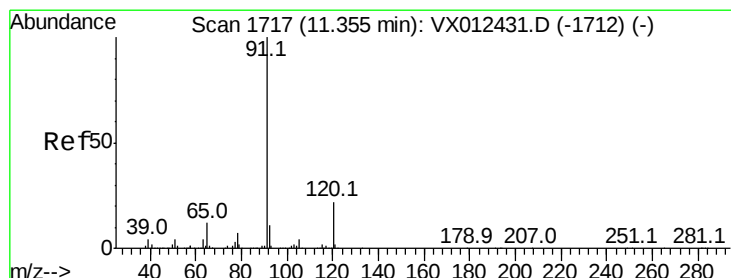
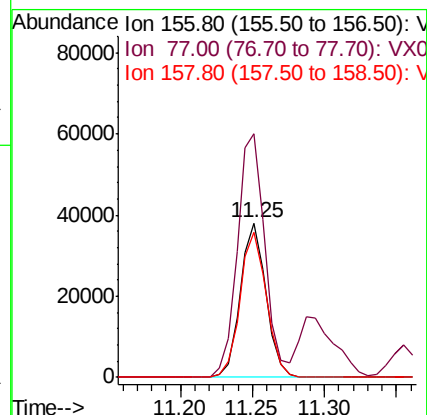
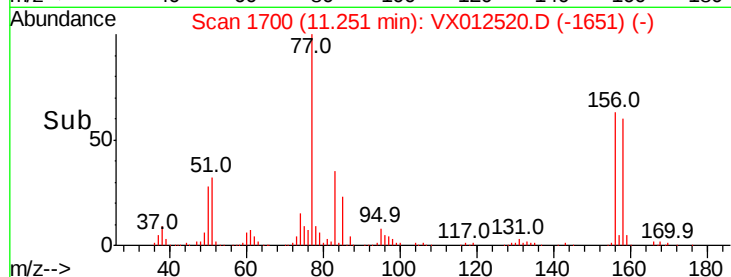
158 97.1 48.5 145.6



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: 21.827 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012520.D

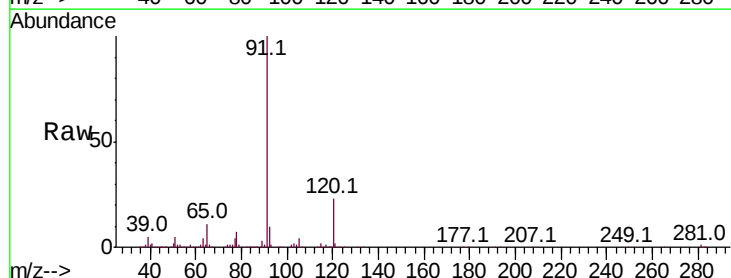
Acq: 19 Sep 2019 12:04

Tgt Ion: 91 Resp: 215611

Ion Ratio Lower Upper

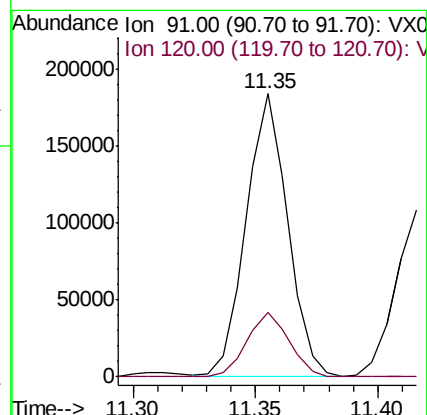
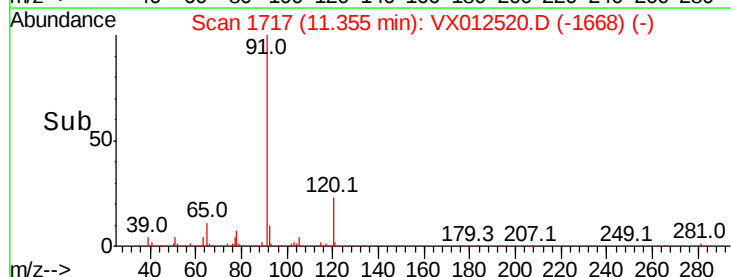
91 100

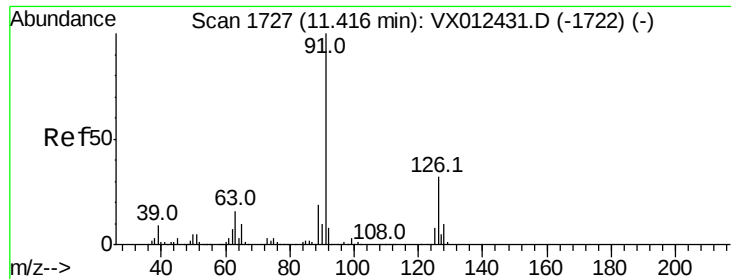
120 23.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

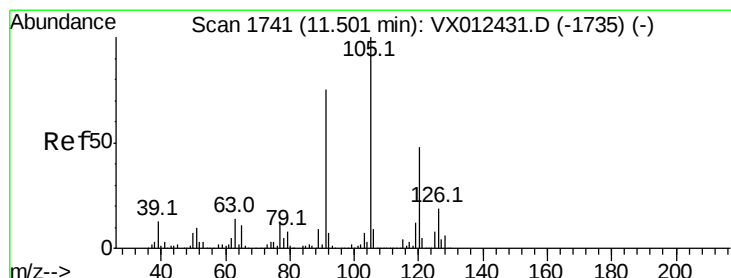
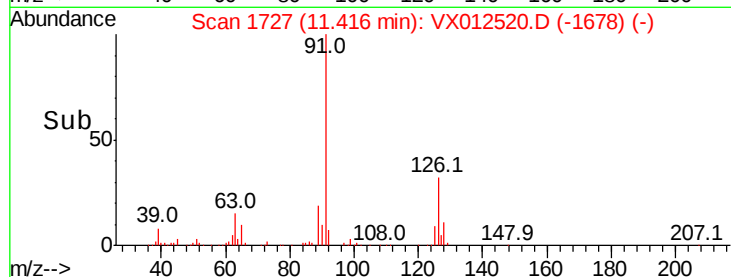
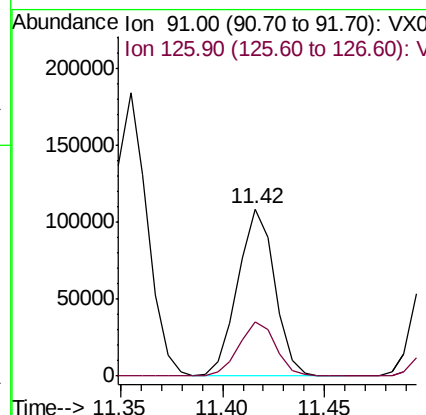
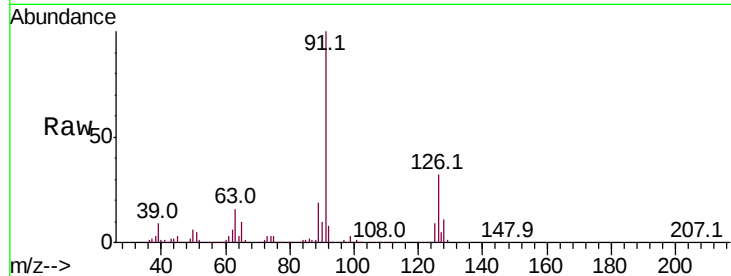




#79
 2-Chlorotoluene
 Concen: 21.126 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

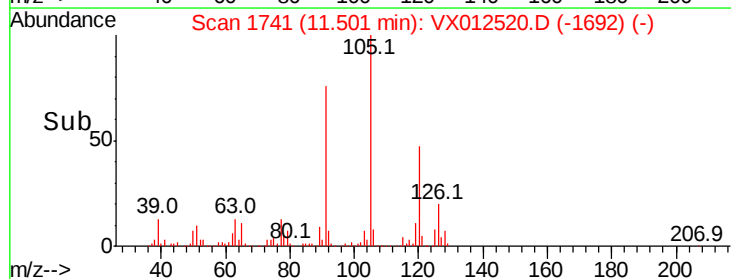
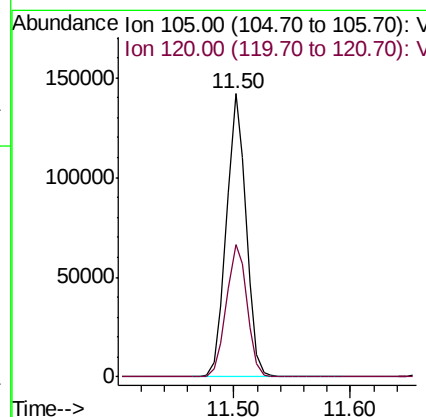
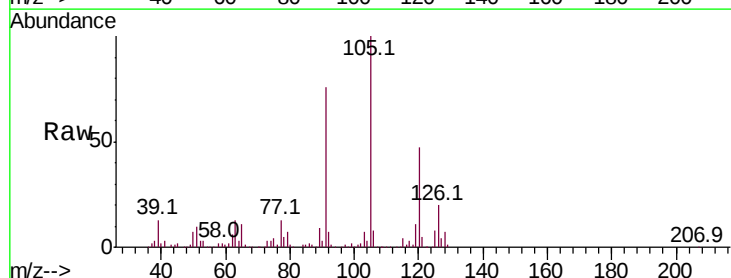
Instrument :
 MSVOA_X
 ClientSampled :
 VX0919WBS01

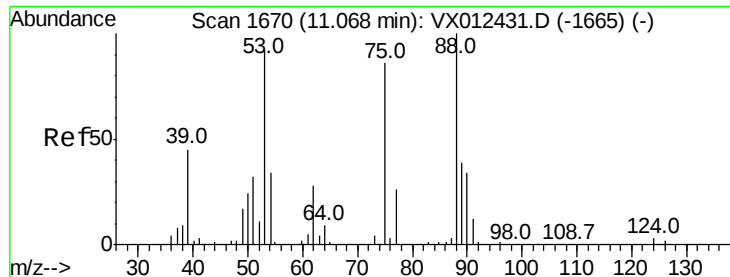
Tot Ion: 91 Resp: 135758
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.838 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 105 Resp: 165060
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.766 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

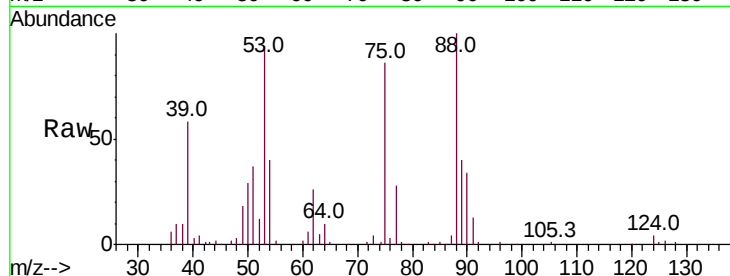
Tot Ion: 75 Resp: 19743

Ion Ratio Lower Upper

75 100

53 116.9 83.6 125.4

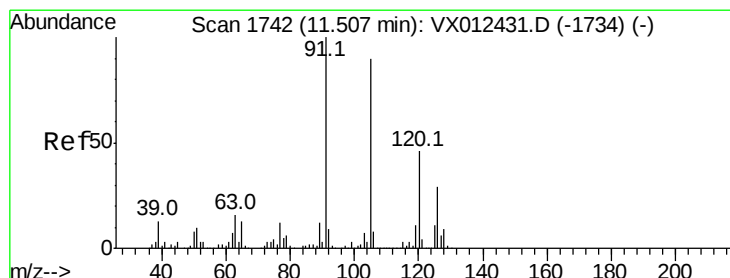
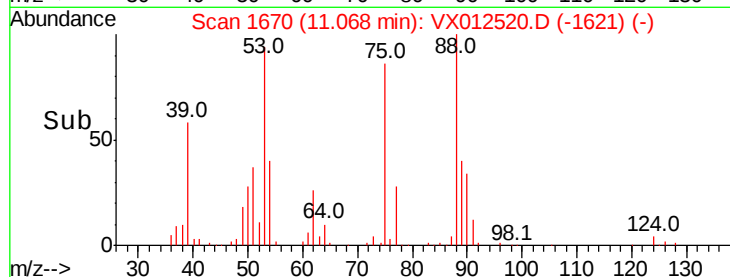
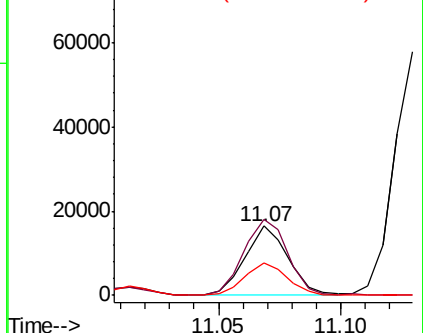
89 47.0 36.3 54.5



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: 21.556 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012520.D

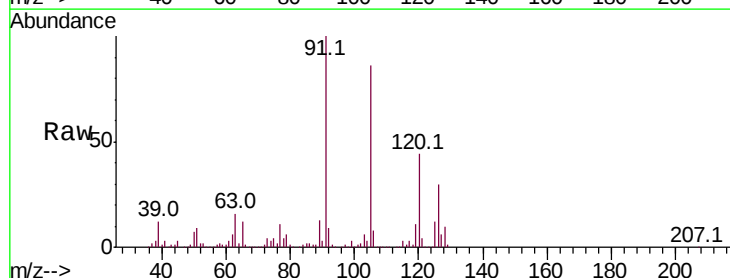
Acq: 19 Sep 2019 12:04

Tgt Ion: 91 Resp: 158980

Ion Ratio Lower Upper

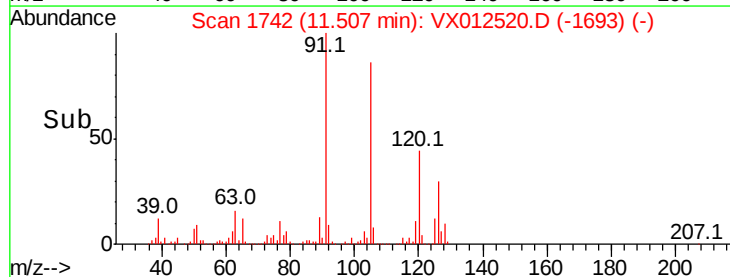
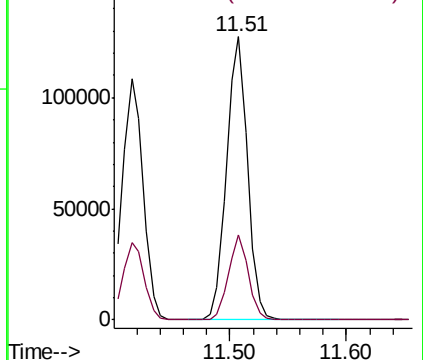
91 100

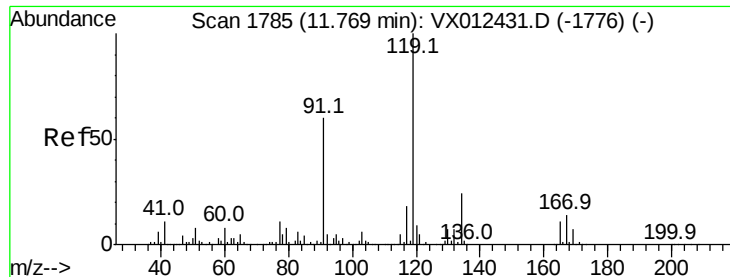
126 28.6 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.163 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

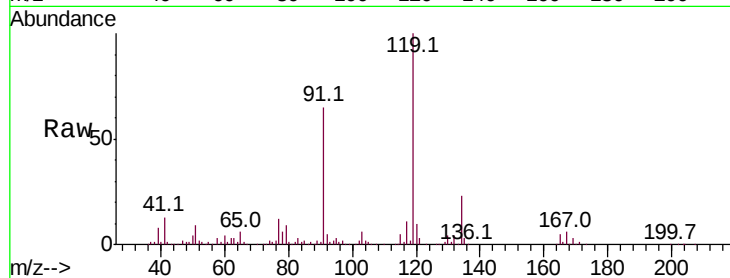
Tot Ion:119 Resp: 171403

Ion Ratio Lower Upper

119 100

91 60.2 30.0 90.0

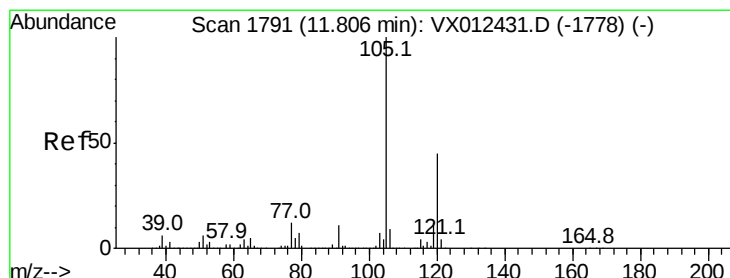
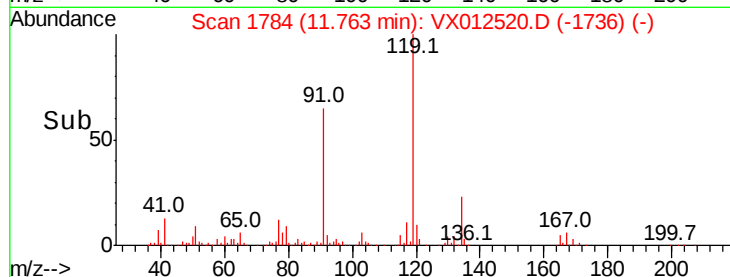
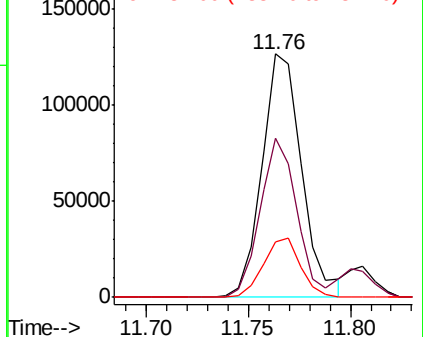
134 23.0 11.3 33.9



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: 21.931 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX012520.D

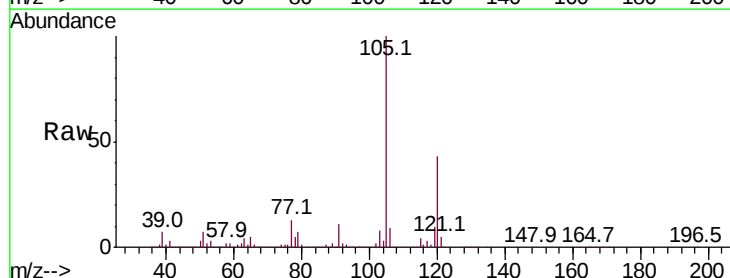
Acq: 19 Sep 2019 12:04

Tgt Ion:105 Resp: 170205

Ion Ratio Lower Upper

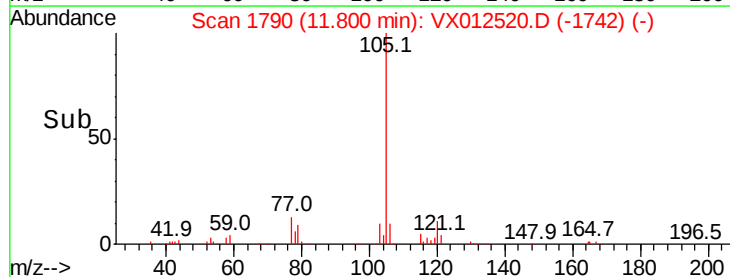
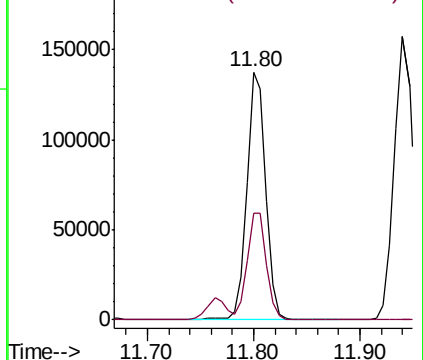
105 100

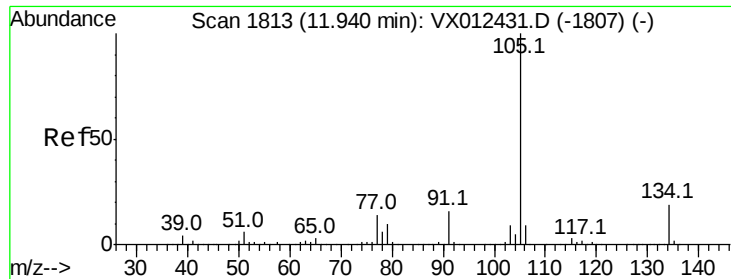
120 43.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.549 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

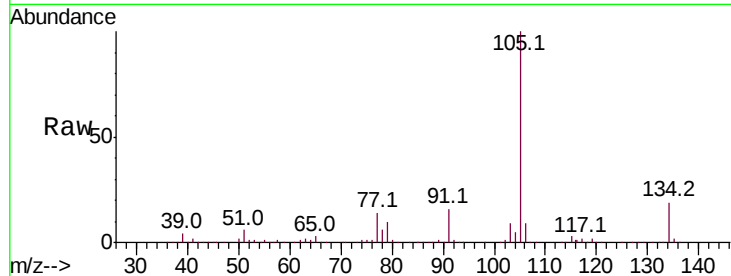
VX0919WBS01

Tot Ion:105 Resp: 192321

Ion Ratio Lower Upper

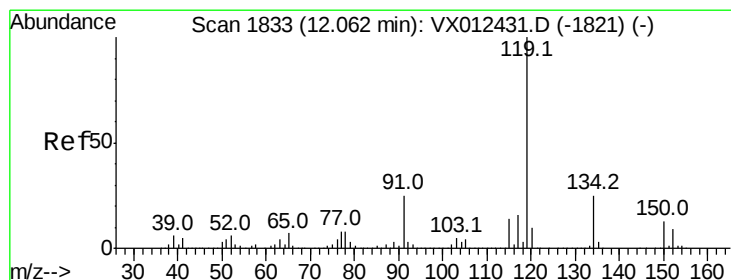
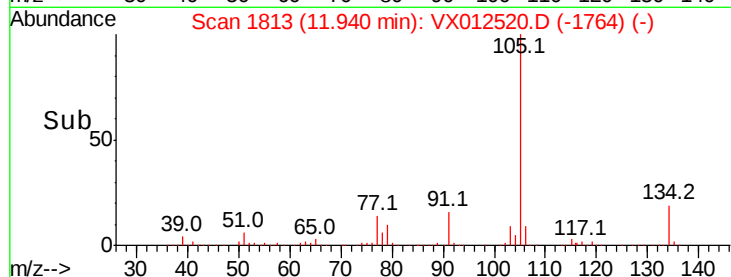
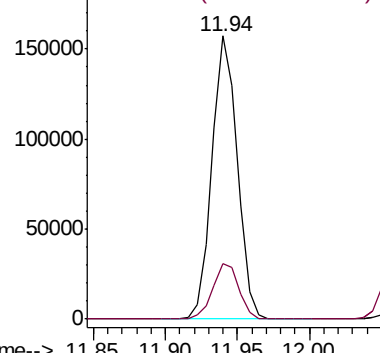
105 100

134 20.4 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: 21.495 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

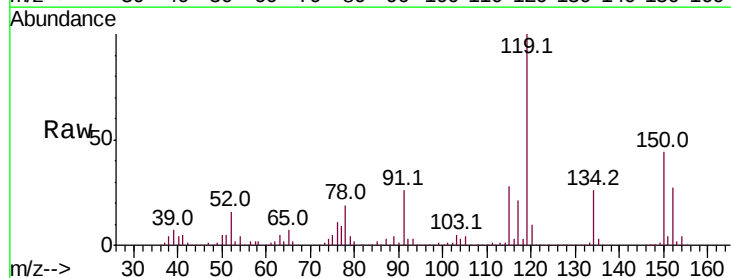
Tgt Ion:119 Resp: 176155

Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.1

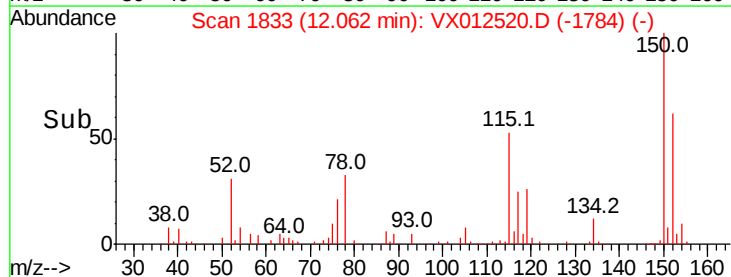
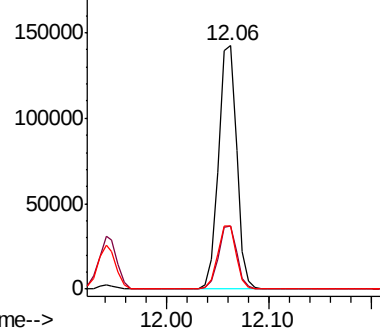
91 26.4 12.8 38.4

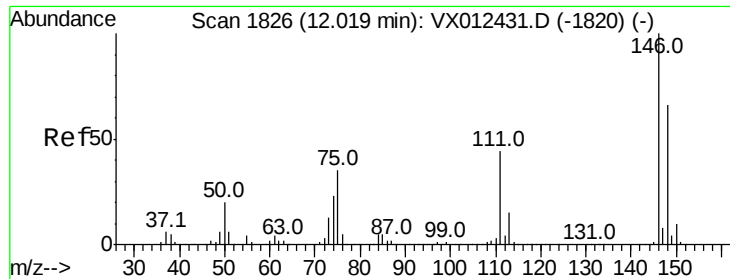


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

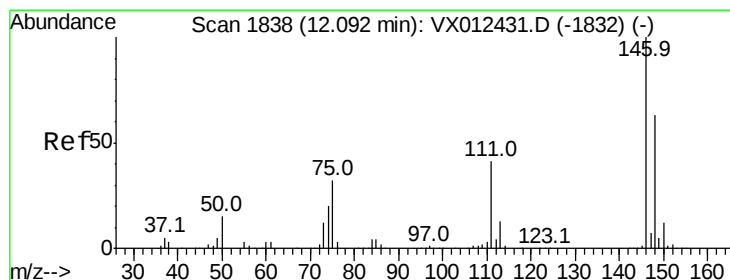
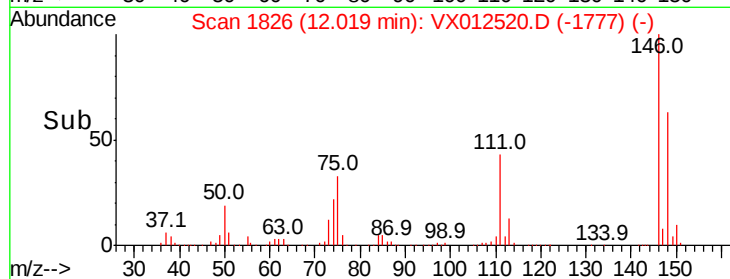
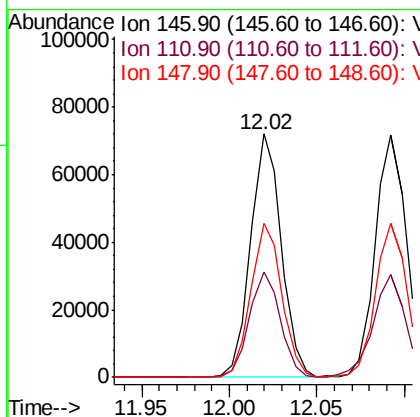
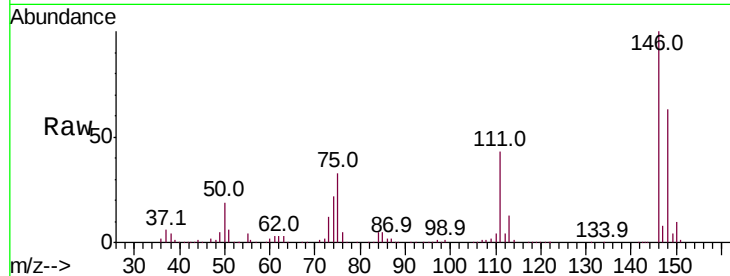




#87
 1,3-Dichlorobenzene
 Concen: 21.642 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

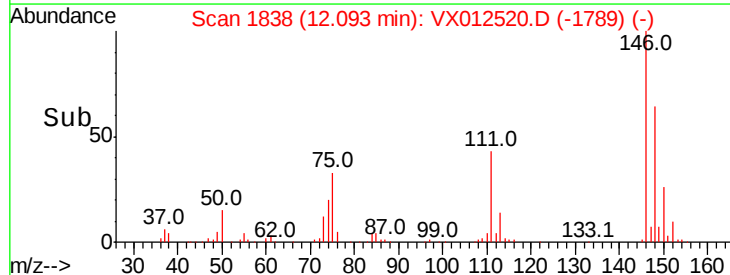
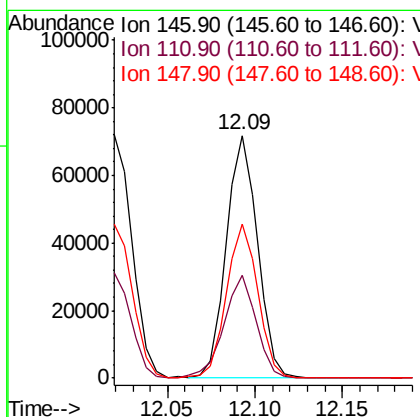
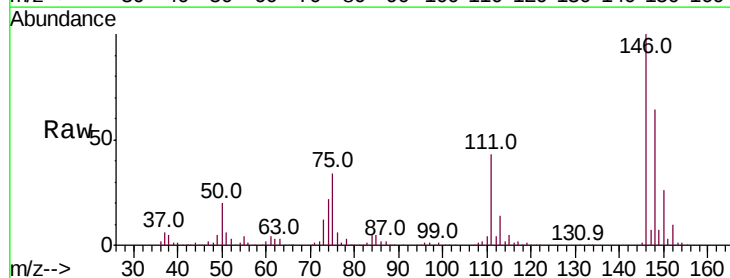
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

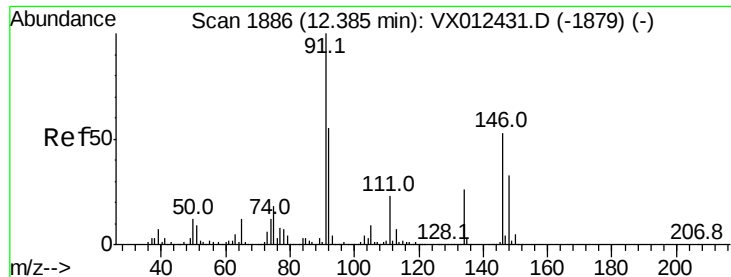
Tot Ion:146 Resp: 87996
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.3 64.0
 148 63.9 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 21.372 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion:146 Resp: 89263
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.1 63.3
 148 63.9 32.1 96.5

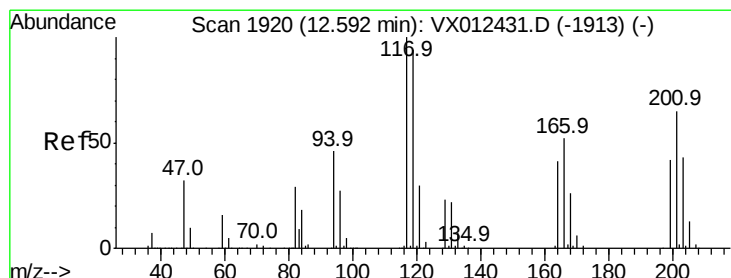
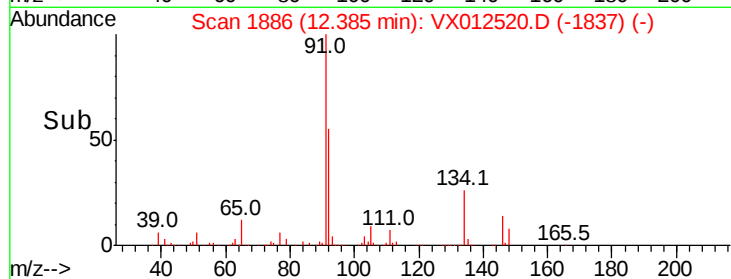
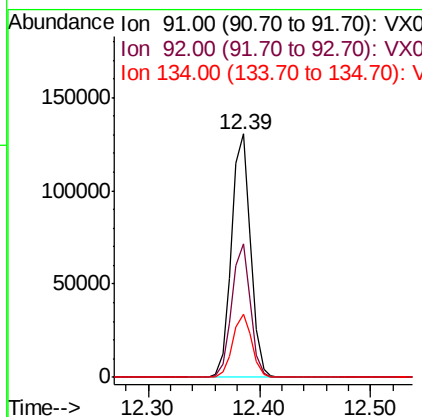
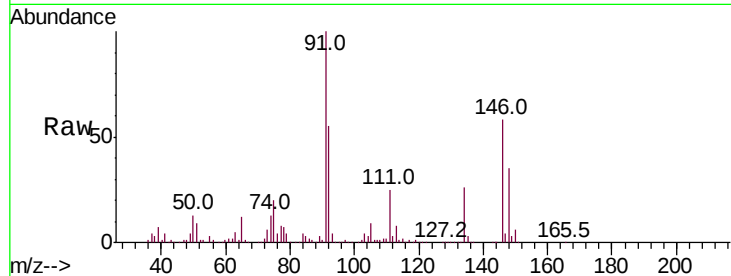




#89
n-Butylbenzene
Concen: 21.158 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

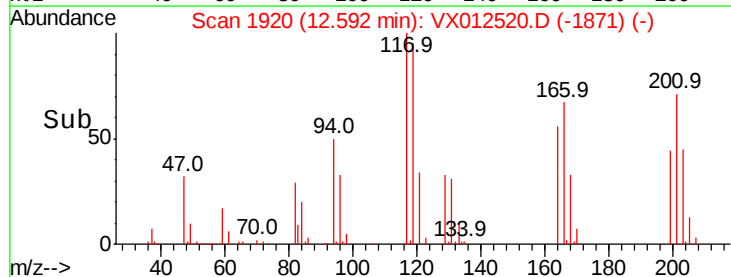
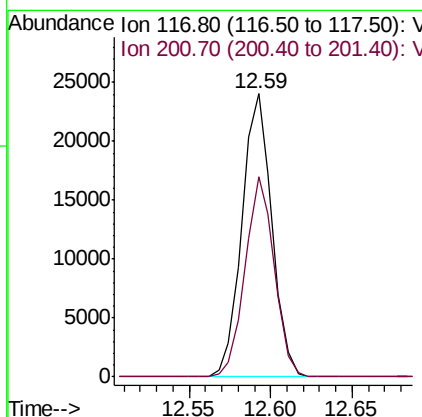
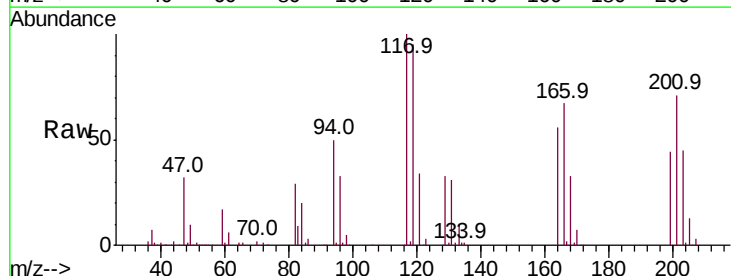
Instrument :
MSVOA_X
ClientSampled :
VX0919WBS01

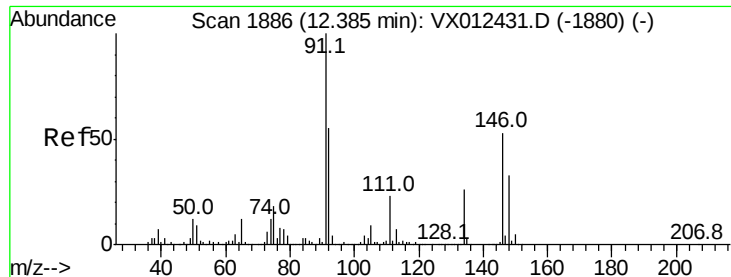
Tot Ion: 91 Resp: 154709
Ion Ratio Lower Upper
91 100
92 53.4 27.7 83.0
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 20.499 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 117 Resp: 30804
Ion Ratio Lower Upper
117 100
201 68.6 33.3 99.8

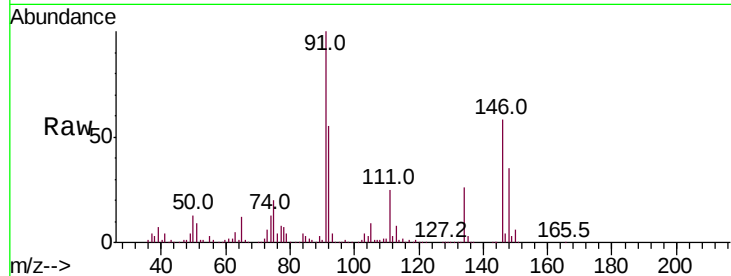




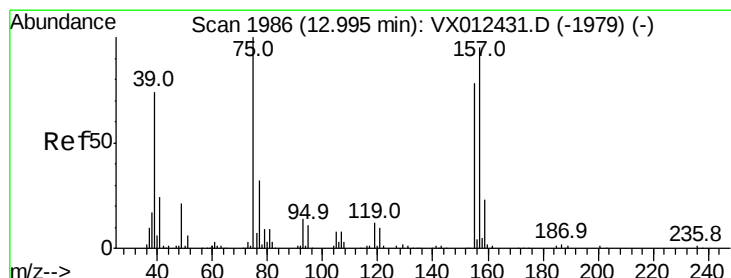
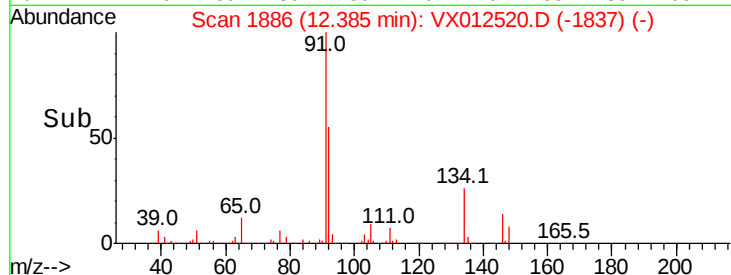
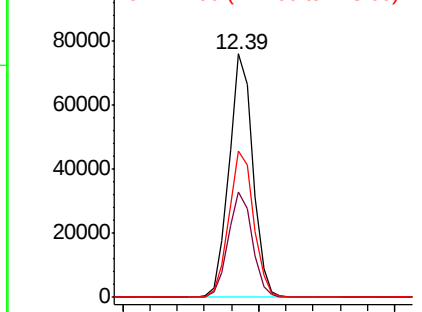
#91
 1,2-Dichlorobenzene
 Concen: 21.723 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion:146 Resp: 92314
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.1 66.1
 148 62.5 31.3 93.9

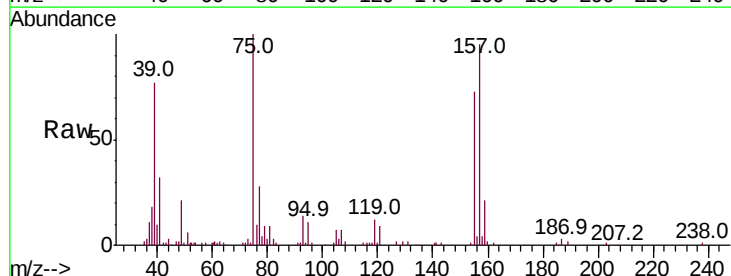


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

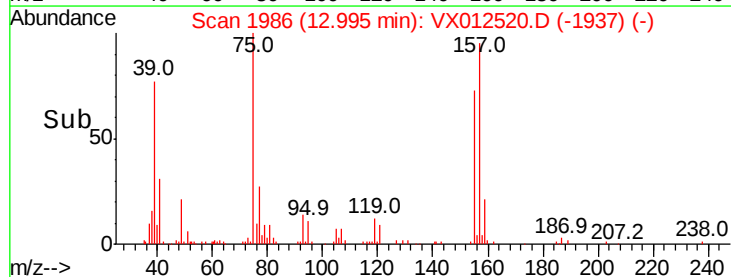
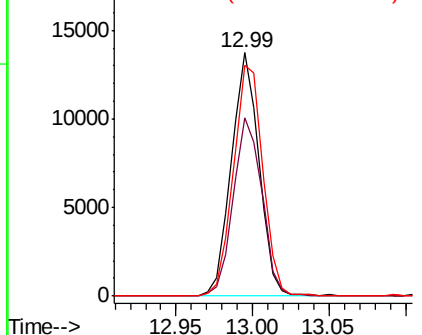


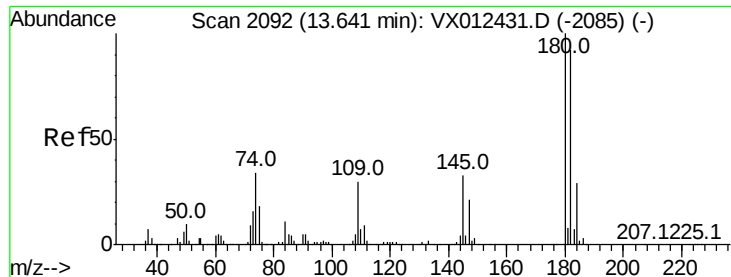
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.105 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 75 Resp: 17220
 Ion Ratio Lower Upper
 75 100
 155 76.1 38.6 115.8
 157 101.3 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: 21.233 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

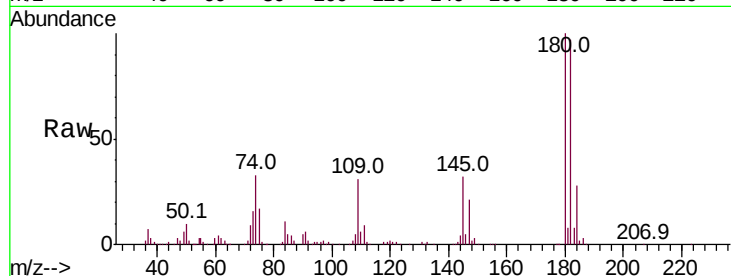
Tot Ion:180 Resp: 58120

Ion Ratio Lower Upper

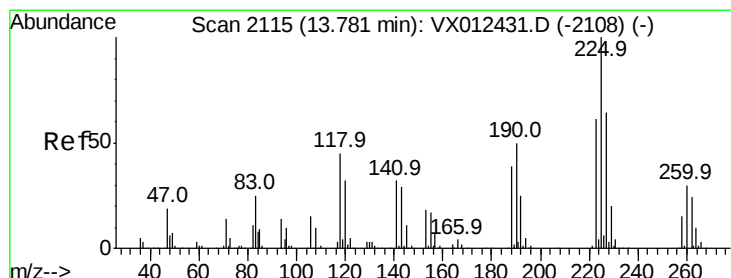
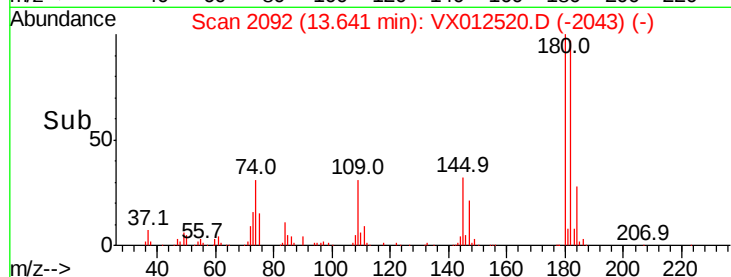
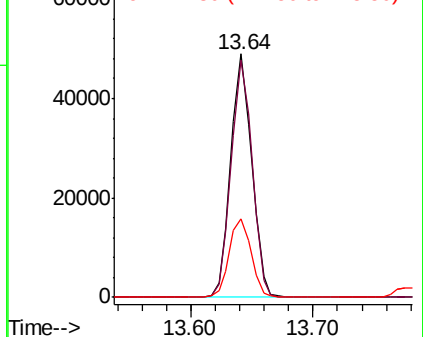
180 100

182 97.3 47.0 141.0

145 33.6 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.324 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

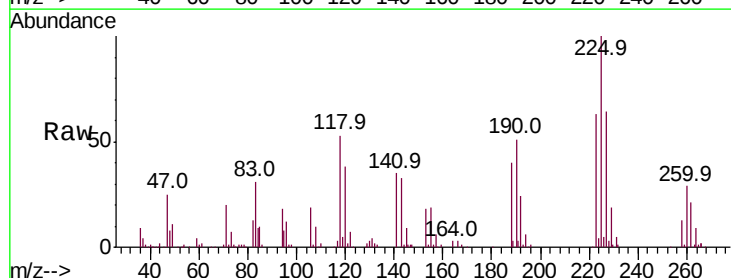
Tgt Ion:225 Resp: 26220

Ion Ratio Lower Upper

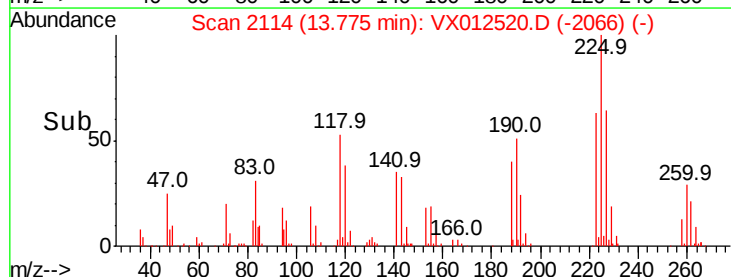
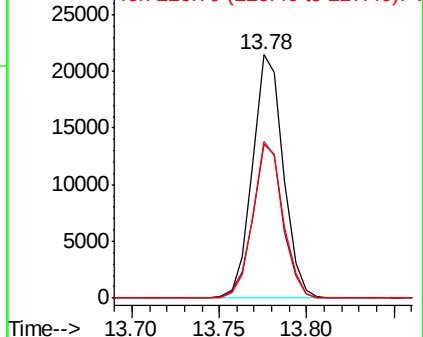
225 100

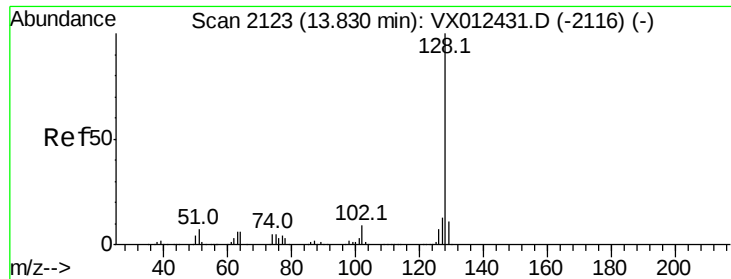
223 62.3 32.0 96.2

227 62.6 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

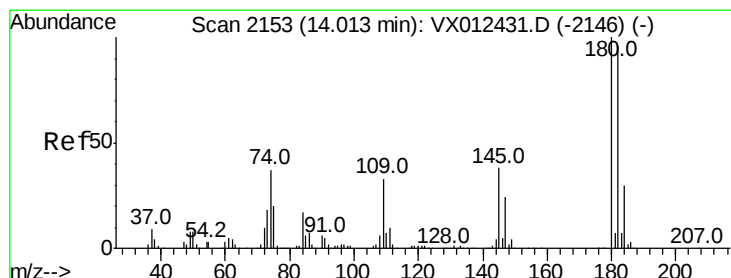
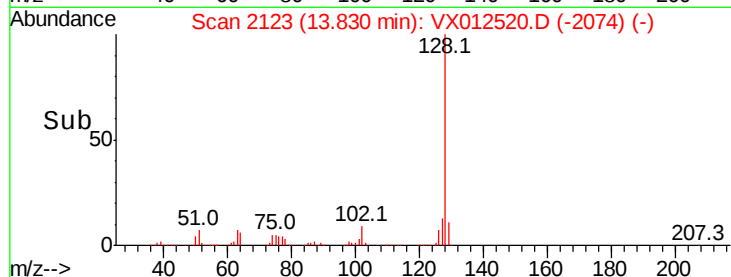
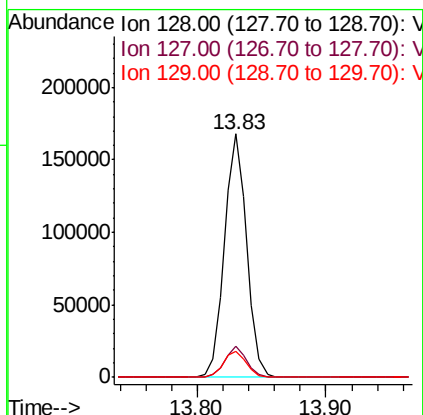
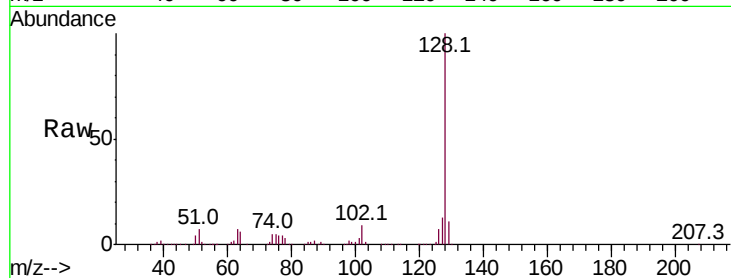




#95
Naphthalene
Concen: 20.984 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion:128 Resp: 204382
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.912 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion:180 Resp: 61120
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 34.5 18.0 54.0

