

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012539.D
 Acq On : 19 Sep 2019 19:27
 Operator : JC/SP
 Sample : K4887-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MS

Quant Time: Sep 20 04:36:26 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	183455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	314057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	125609	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	5.49	113	89812	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
50) Toluene-d8	8.71	98	335859	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.13	95	137382	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	57416	46.934	ug/l	95
3) Chloromethane	1.32	50	52168	51.724	ug/l	98
4) Vinyl Chloride	1.40	62	55269	50.701	ug/l	95
5) Bromomethane	1.63	94	19638	45.854	ug/l	96
6) Chloroethane	1.71	64	38522	45.158	ug/l	99
7) Trichlorofluoromethane	1.92	101	103555	51.821	ug/l	97
8) Diethyl Ether	2.18	74	45056	49.919	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71100	49.176	ug/l	99
10) Methyl Iodide	2.50	142	59153	47.882	ug/l	97
11) Tert butyl alcohol	3.04	59	143625	214.574	ug/l	98
12) 1,1-Dichloroethene	2.36	96	59008	51.160	ug/l	96
13) Acrolein	2.28	56	57846	250.554	ug/l	99
14) Allyl chloride	2.72	41	134346	50.031	ug/l	100
15) Acrylonitrile	3.13	53	296642	260.357	ug/l	98
16) Acetone	2.44	43	270054	223.958	ug/l	99
17) Carbon Disulfide	2.56	76	70394	43.403	ug/l	99
18) Methyl Acetate	2.77	43	124899	45.587	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	319862	50.863	ug/l	92
20) Methylene Chloride	2.84	84	79343	49.862	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	60738	50.711	ug/l	95
22) Diisopropyl ether	3.84	45	320428	50.964	ug/l	99
23) Vinyl Acetate	3.80	43	1226624	237.166	ug/l	100
24) 1,1-Dichloroethane	3.69	63	156039	51.870	ug/l	99
25) 2-Butanone	4.66	43	429433	235.456	ug/l	97
26) 2,2-Dichloropropane	4.57	77	120075	40.586	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	93962	52.516	ug/l	97
28) Bromochloromethane	5.00	49	79605	51.329	ug/l	99
29) Tetrahydrofuran	5.12	42	263991	262.011	ug/l	99
30) Chloroform	5.20	83	169585	49.086	ug/l	99
31) Cyclohexane	5.57	56	275929	151.947	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	144321	49.980	ug/l	99
36) 1,1-Dichloropropene	5.79	75	91499	47.938	ug/l	96
37) Ethyl Acetate	4.83	43	140183	47.847	ug/l	99
38) Carbon Tetrachloride	5.78	117	116625	49.128	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	274965	148.189	ug/l	99
40) Benzene	6.13	78	308722	50.864	ug/l	98
41) Methacrylonitrile	5.03	41	95224	50.476	ug/l	98
42) 1,2-Dichloroethane	6.19	62	140727	49.989	ug/l	100
43) Isopropyl Acetate	6.44	43	253294	48.168	ug/l	100
44) Trichloroethene	7.20	130	81998	51.357	ug/l	92
45) 1,2-Dichloropropane	7.51	63	94635	50.750	ug/l	99
46) Dibromomethane	7.65	93	60974	50.529	ug/l	99
47) Bromodichloromethane	7.89	83	134208	49.950	ug/l	99
48) Methyl methacrylate	7.76	41	132691	53.530	ug/l	95
49) 1,4-Dioxane	7.73	88	52004	861.994	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	877914	254.579	ug/l	100
52) Toluene	8.78	92	200880	51.362	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	139485	49.942	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	143773	49.723	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98699	48.984	ug/l	98
56) Ethyl methacrylate	9.17	69	166023	52.700	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165732	51.552	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	338	0.207	ug/l #	45
59) 2-Hexanone	9.49	43	664807	247.104	ug/l	99
60) Dibromochloromethane	9.58	129	105031	51.174	ug/l	98
61) 1,2-Dibromoethane	9.67	107	95828	52.073	ug/l	99
64) Tetrachloroethene	9.33	164	76995	58.454	ug/l	93
65) Chlorobenzene	10.14	112	233909	49.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	99934	50.753	ug/l	98
67) Ethyl Benzene	10.25	91	721712	88.542	ug/l	98
68) m/p-Xylenes	10.36	106	941741	317.538	ug/l	99
69) o-Xylene	10.70	106	156676	51.369	ug/l	99
70) Styrene	10.71	104	278623	51.631	ug/l	99
71) Bromoform	10.86	173	75902	45.071	ug/l #	100
73) Isopropylbenzene	11.01	105	799646	92.814	ug/l	100
74) N-amyl acetate	10.89	43	215418	46.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167924	49.686	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	193259	61.271	ug/l	87
77) Bromobenzene	11.25	156	106354	50.616	ug/l	99
78) n-propylbenzene	11.35	91	852135	88.742	ug/l	100
79) 2-Chlorotoluene	11.42	91	455708	72.949	ug/l	81
80) 1,3,5-Trimethylbenzene	11.50	105	886873	120.701	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48699	42.858	ug/l	97
82) 4-Chlorotoluene	11.51	91	411356	57.375	ug/l	92
83) tert-Butylbenzene	11.77	119	384318	48.812	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1915422	253.886	ug/l	99
85) sec-Butylbenzene	11.94	105	469215	54.083	ug/l	99
86) p-Isopropyltoluene	12.06	119	424318	53.262	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197155	49.881	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	201969	49.745	ug/l	99
89) n-Butylbenzene	12.39	91	366083	51.502	ug/l	95
90) Hexachloroethane	12.59	117	80595	55.173	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	208054	50.363	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46560	53.139	ug/l	96

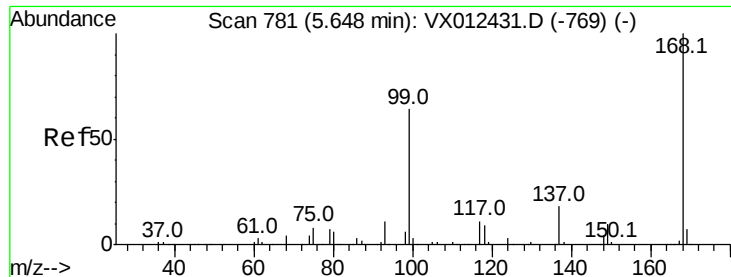
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091919\
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QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	138359	51.997	ug/l	99
94) Hexachlorobutadiene	13.78	225	55035	43.883	ug/l	98
95) Naphthalene	13.83	128	735352	77.667	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140883	51.957	ug/l	97

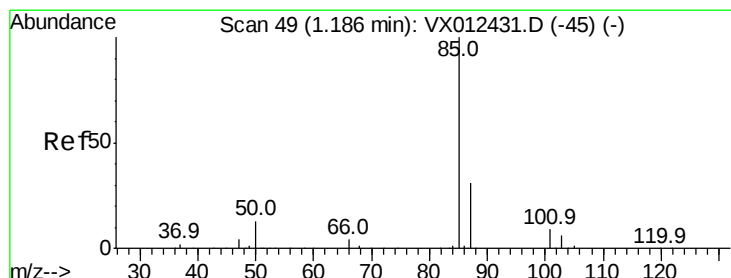
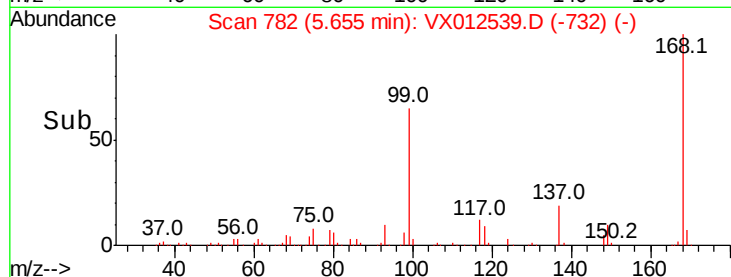
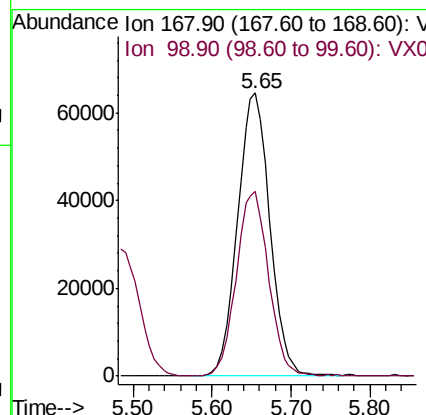
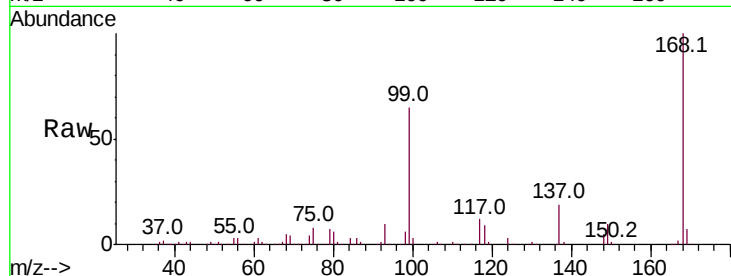
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

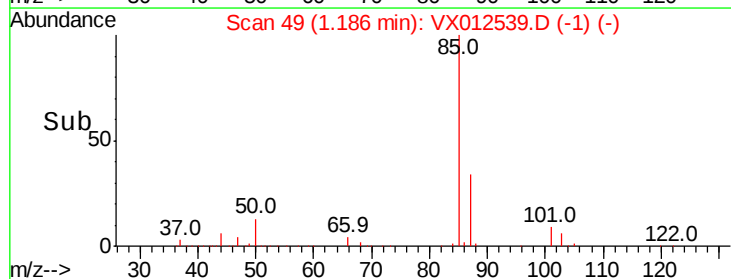
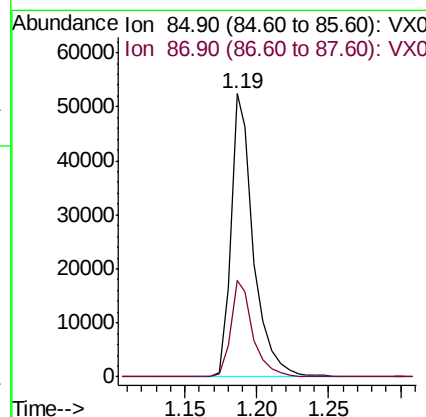
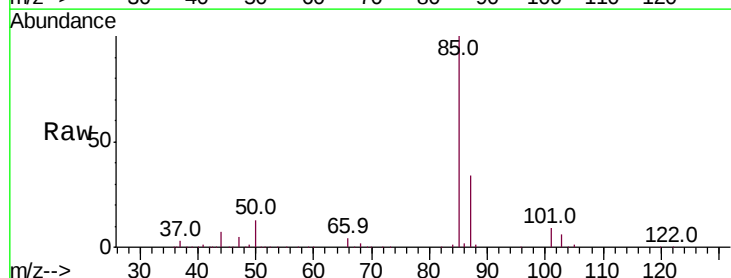
Instrument :
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Z2-0157MS

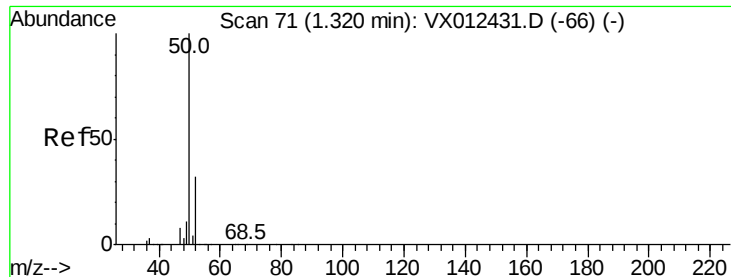
Tot Ion:168 Resp: 183455
Ion Ratio Lower Upper
168 100
99 64.9 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 46.934 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 85 Resp: 57416
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3

Chloromethane

Concen: 51.724 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

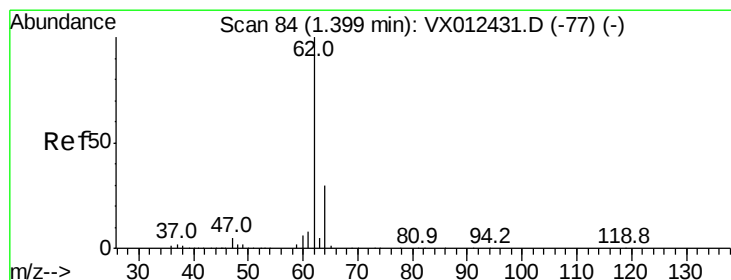
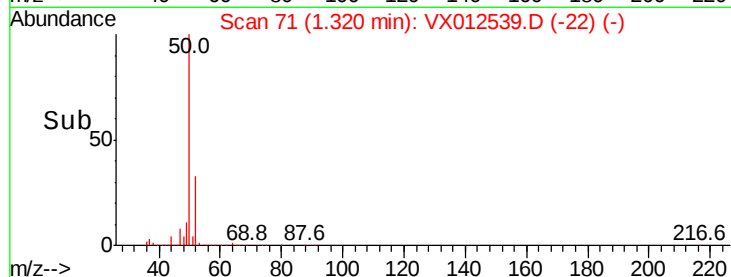
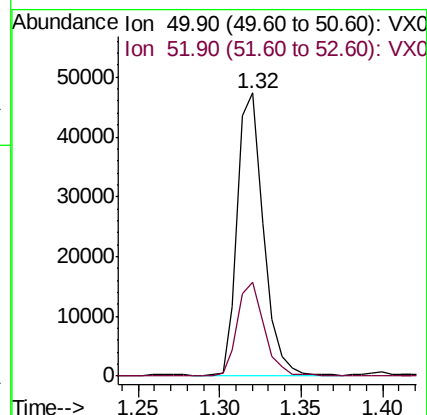
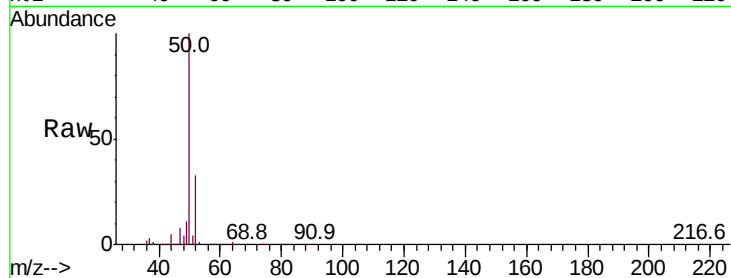
Z2-0157MS

Tot Ion: 50 Resp: 52168

Ion Ratio Lower Upper

50 100

52 33.3 25.7 38.5



#4

Vinyl Chloride

Concen: 50.701 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012539.D

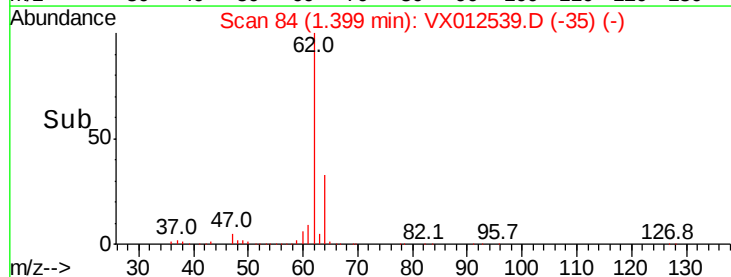
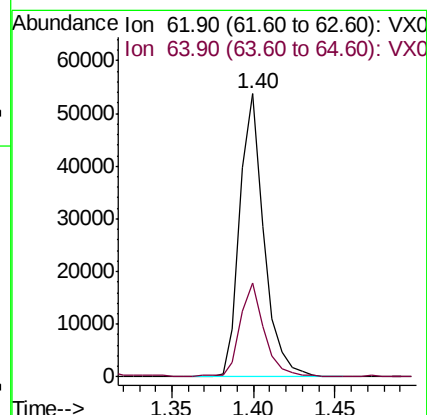
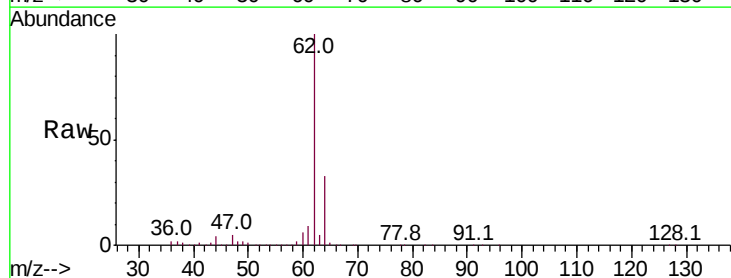
Acq: 19 Sep 2019 19:27

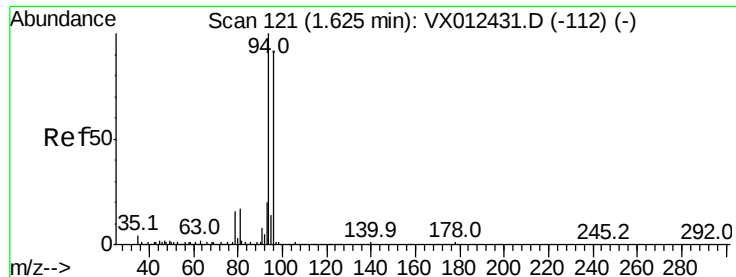
Tgt Ion: 62 Resp: 55269

Ion Ratio Lower Upper

62 100

64 33.1 24.2 36.2





#5

Bromomethane

Concen: 45.854 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

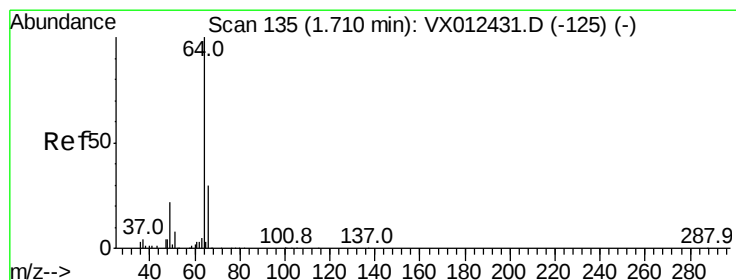
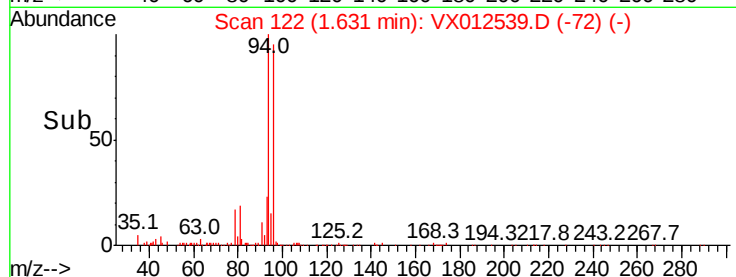
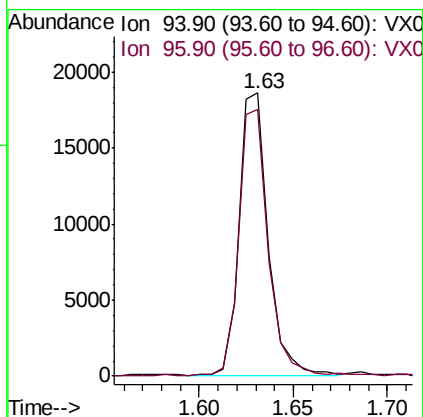
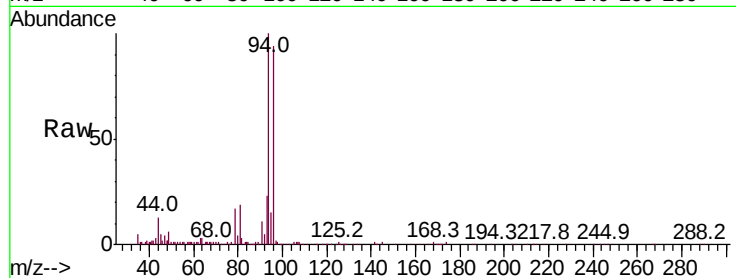
Z2-0157MS

Tot Ion: 94 Resp: 19638

Ion Ratio Lower Upper

94 100

96 94.7 72.8 109.2



#6

Chloroethane

Concen: 45.158 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012539.D

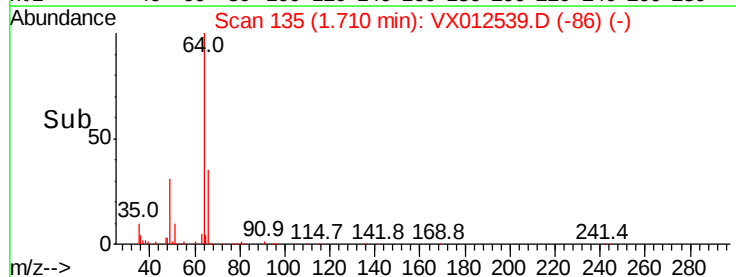
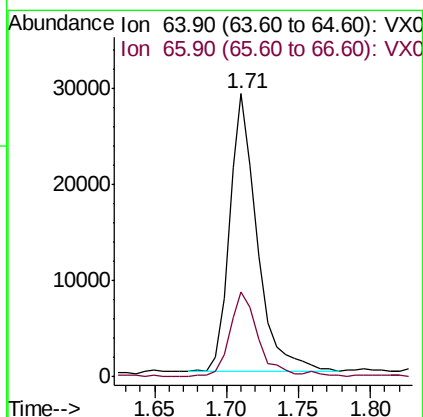
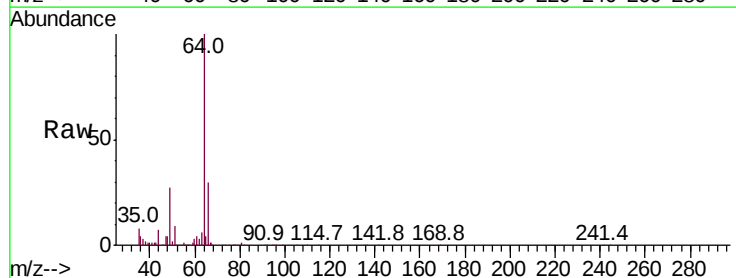
Acq: 19 Sep 2019 19:27

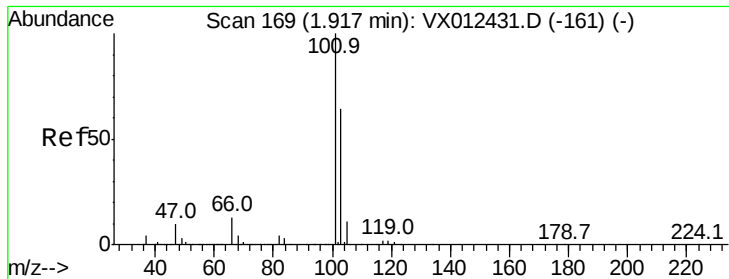
Tgt Ion: 64 Resp: 38522

Ion Ratio Lower Upper

64 100

66 30.5 24.0 36.0



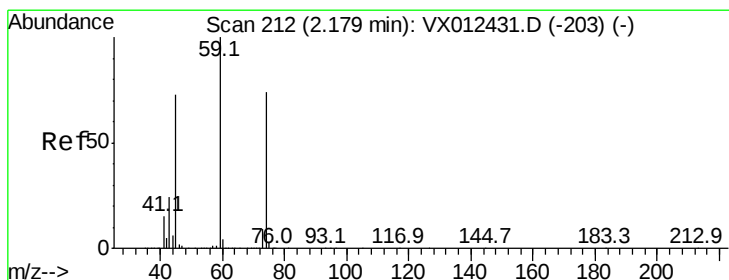
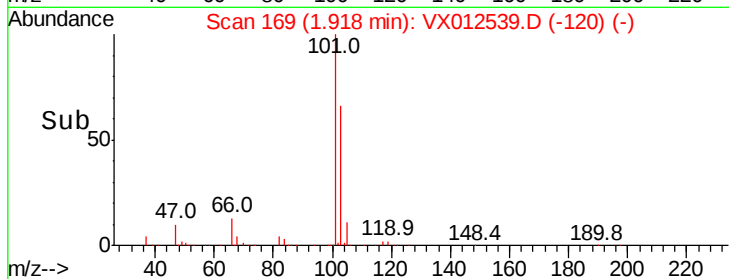
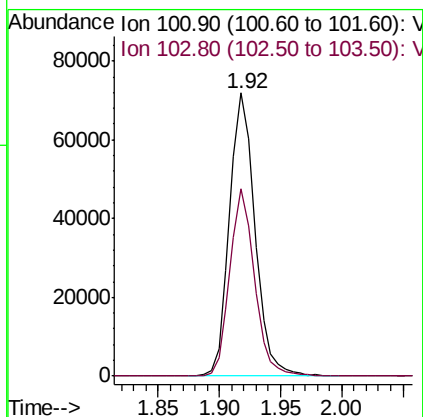
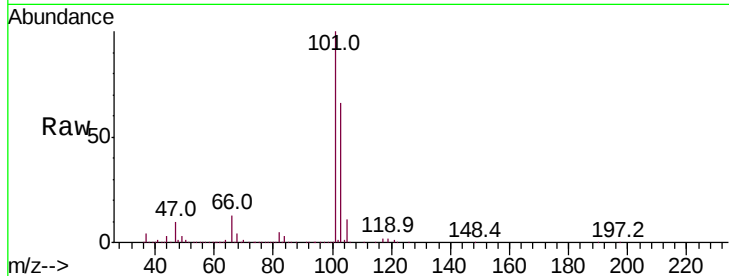


#7

Trichlorofluoromethane
Concen: 51.821 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Instrument :
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ClientSampleId :
Z2-0157MS

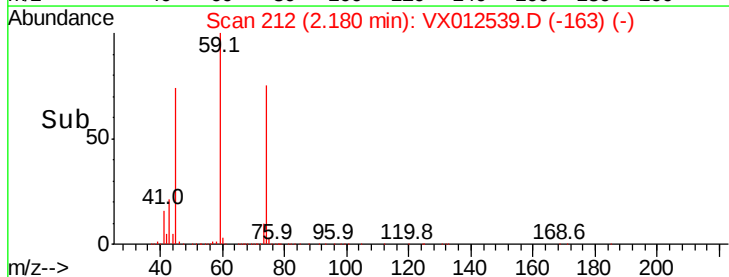
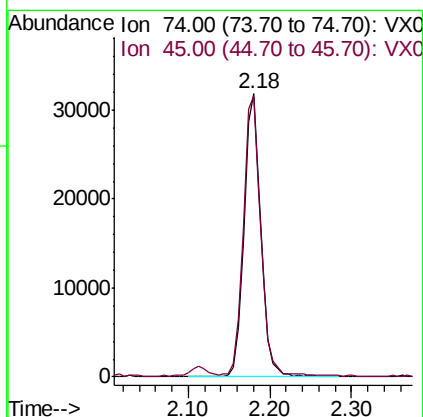
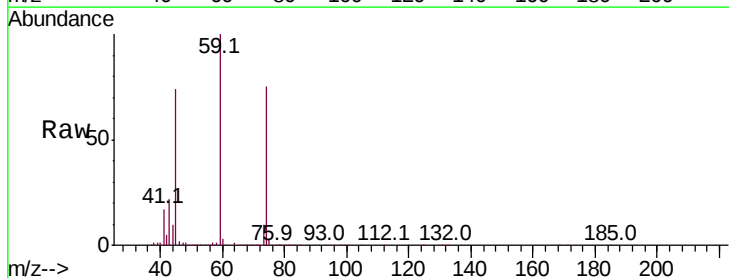
Tot Ion:101 Resp: 103555
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.4

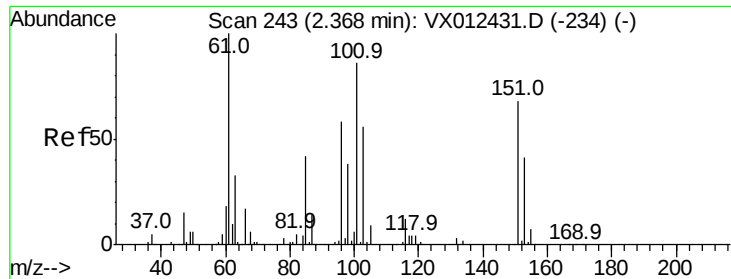


#8

Diethyl Ether
Concen: 49.919 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 74 Resp: 45056
Ion Ratio Lower Upper
74 100
45 101.4 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.176 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

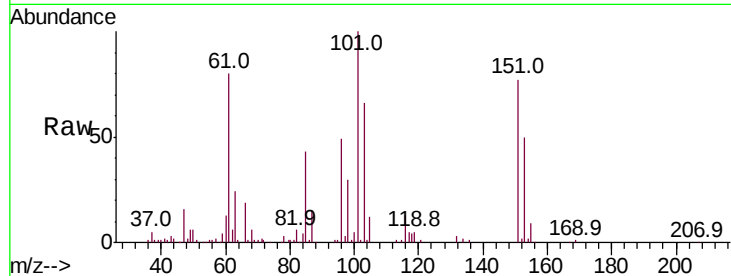
Tot Ion:101 Resp: 71100

Ion Ratio Lower Upper

101 100

85 45.6 37.3 55.9

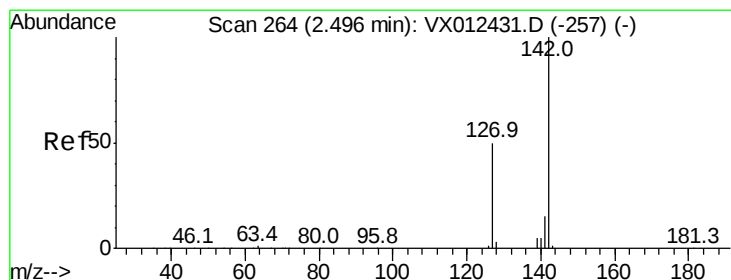
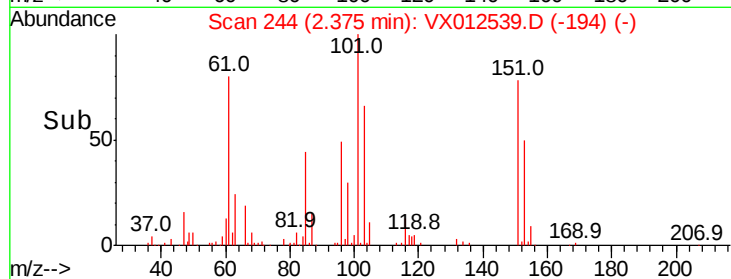
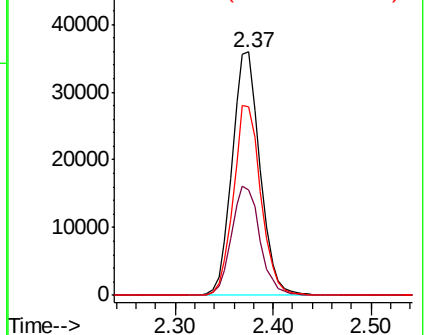
151 76.9 61.0 91.4



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: 47.882 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

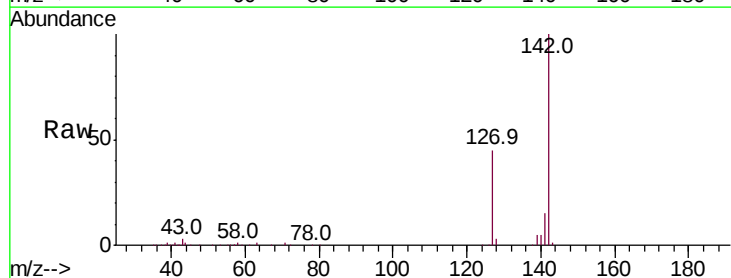
Tgt Ion:142 Resp: 59153

Ion Ratio Lower Upper

142 100

127 48.1 40.8 61.2

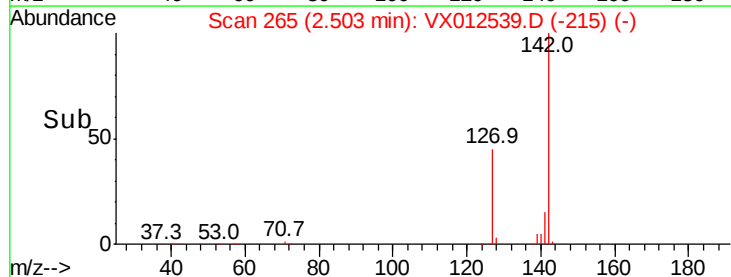
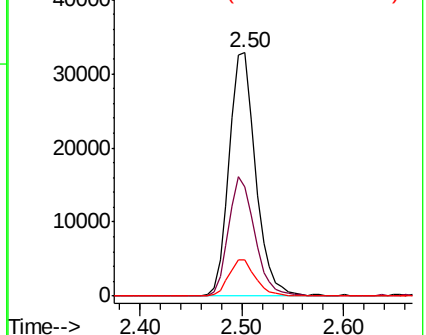
141 14.8 12.1 18.1

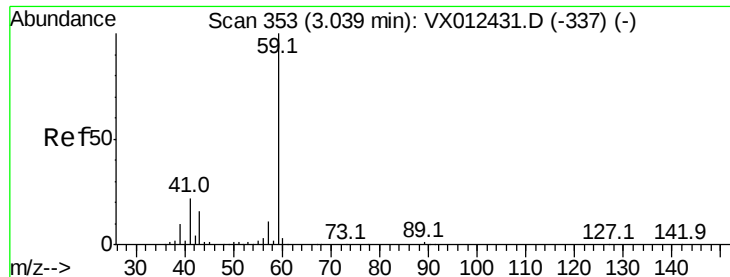


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

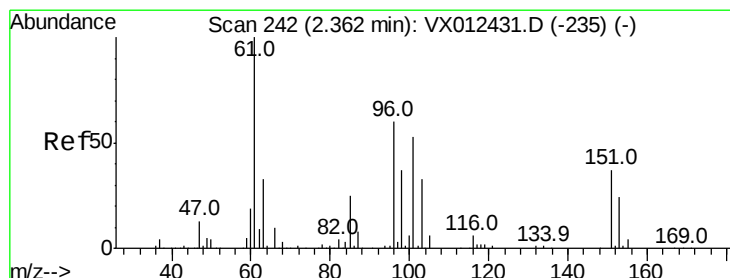
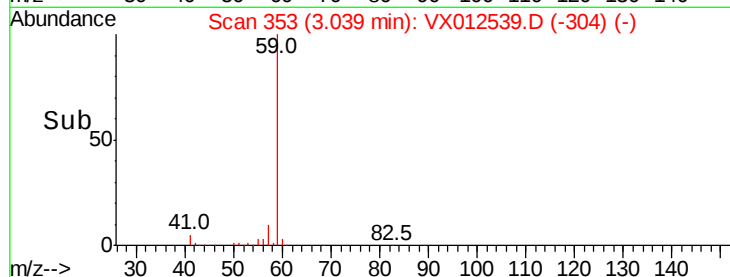
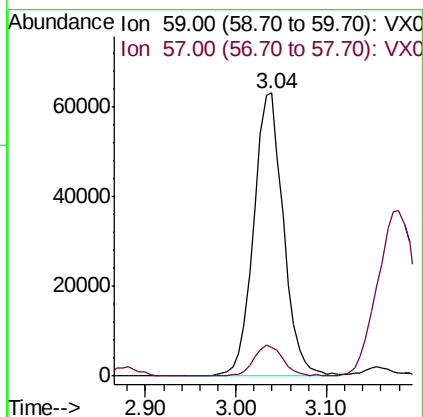
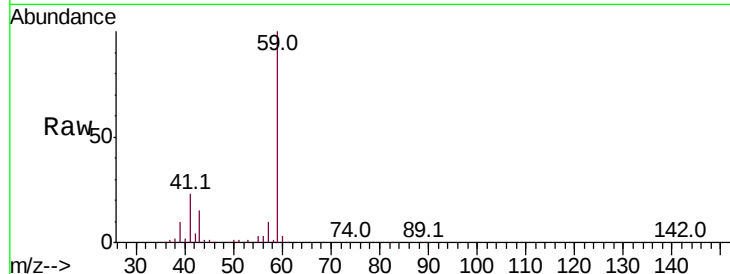




#11
Tert butyl alcohol
Concen: 214.574 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

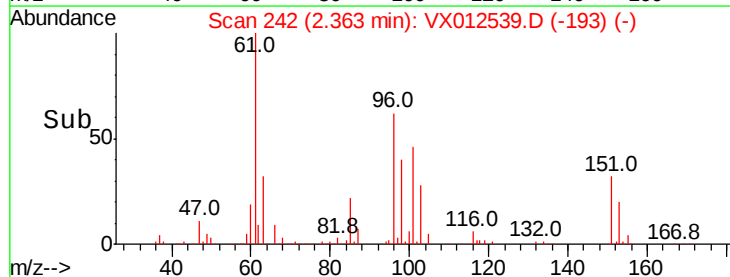
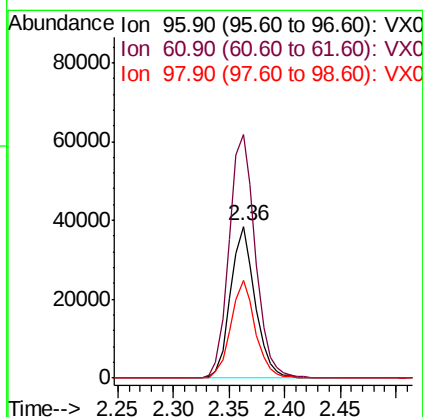
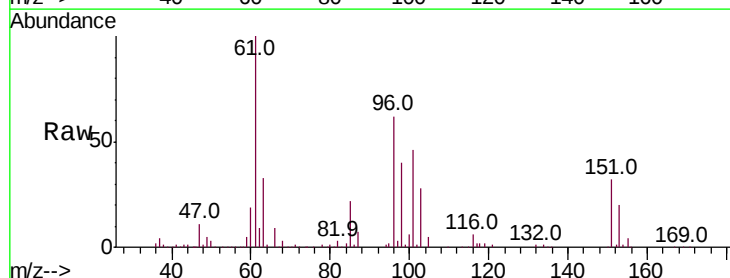
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

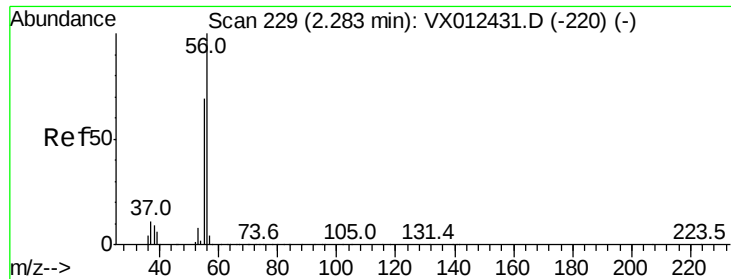
Tot Ion: 59 Resp: 143625
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.160 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 96 Resp: 59008
Ion Ratio Lower Upper
96 100
61 160.6 133.8 200.6
98 64.7 49.9 74.9

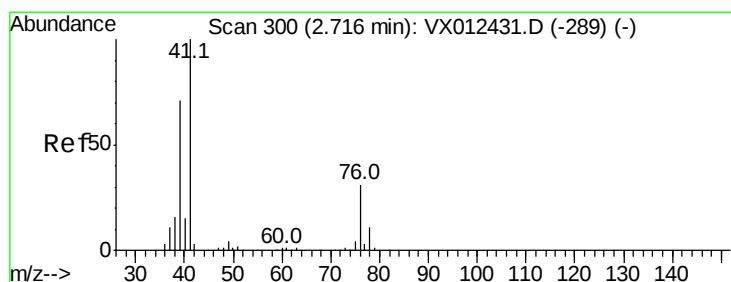
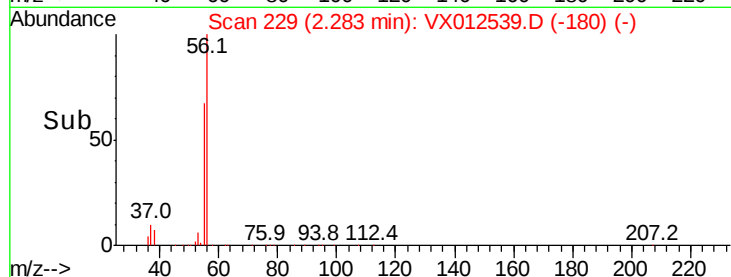
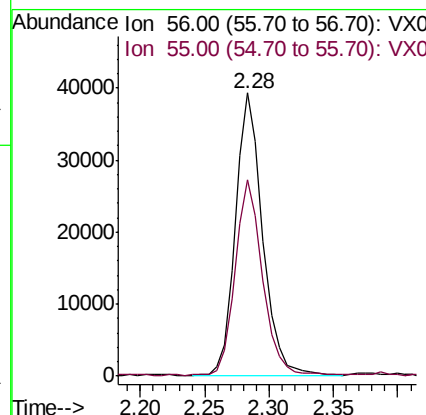
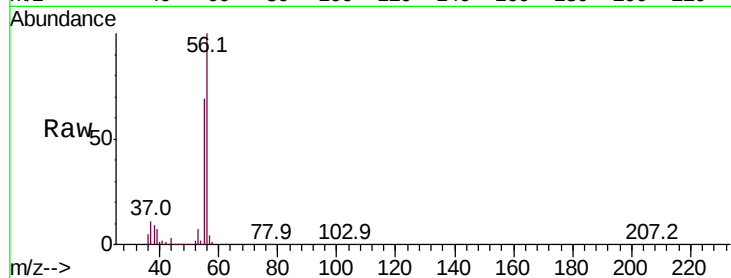




#13
Acrolein
Concen: 250.554 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

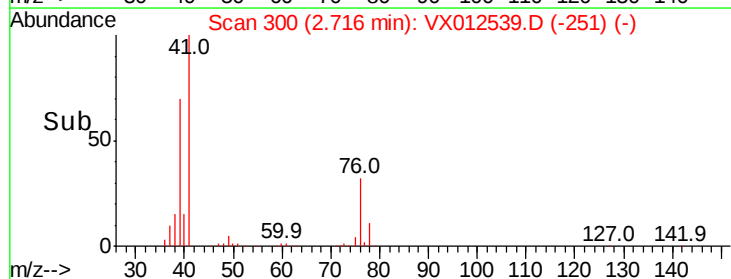
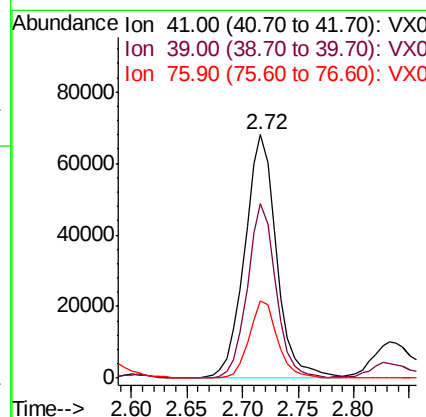
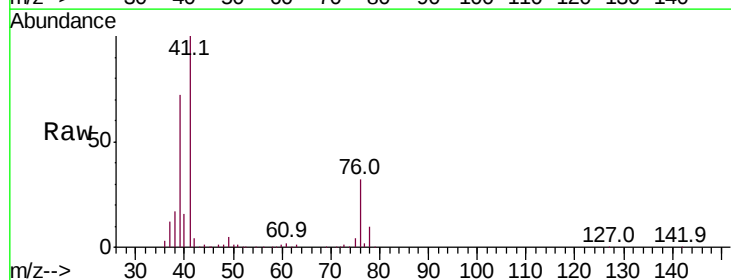
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

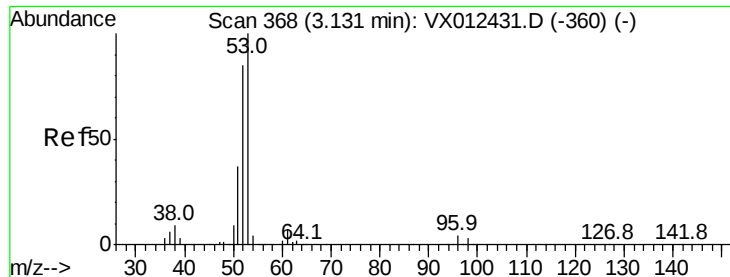
Tot Ion: 56 Resp: 57846
Ion Ratio Lower Upper
56 100
55 69.2 55.8 83.8



#14
Allyl chloride
Concen: 50.031 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 41 Resp: 134346
Ion Ratio Lower Upper
41 100
39 64.2 51.3 76.9
76 28.0 22.6 33.8





#15

Acrylonitrile

Concen: 260.357 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

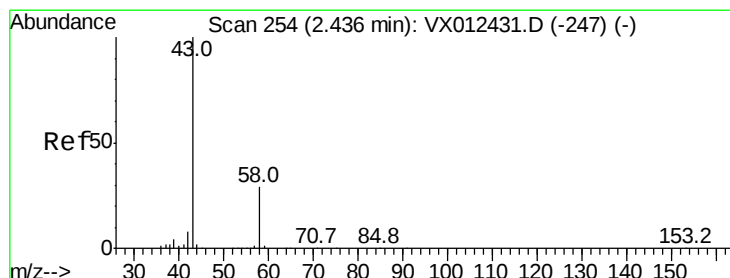
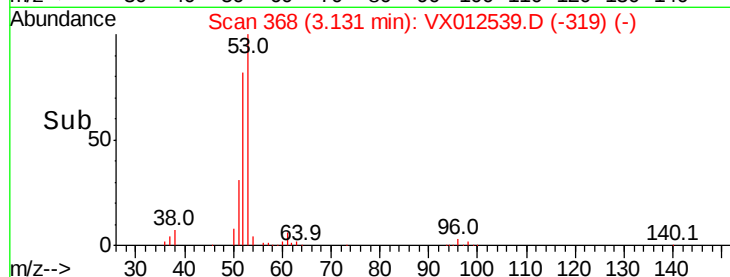
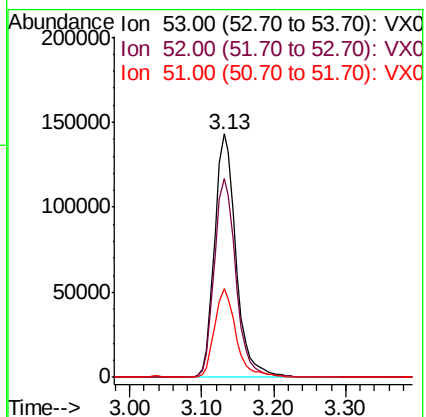
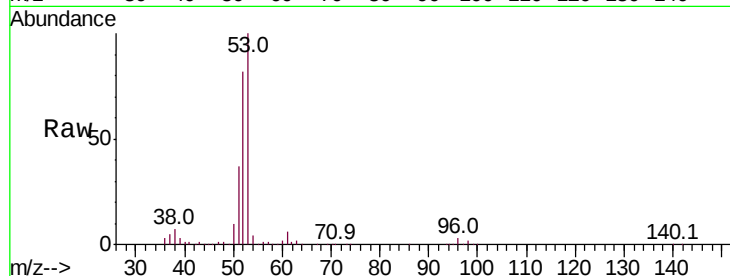
Tot Ion: 53 Resp: 296642

Ion Ratio Lower Upper

53 100

52 81.7 67.0 100.4

51 36.7 29.6 44.4



#16

Acetone

Concen: 223.958 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012539.D

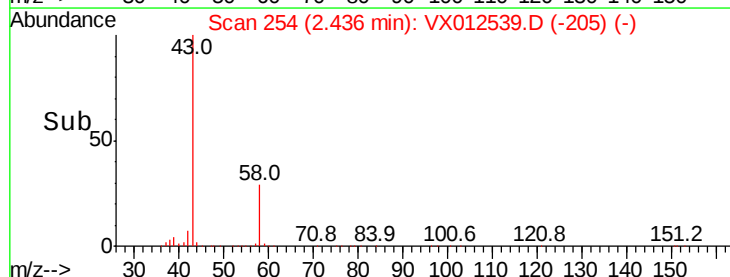
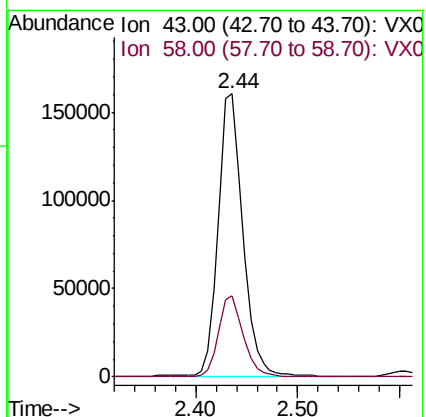
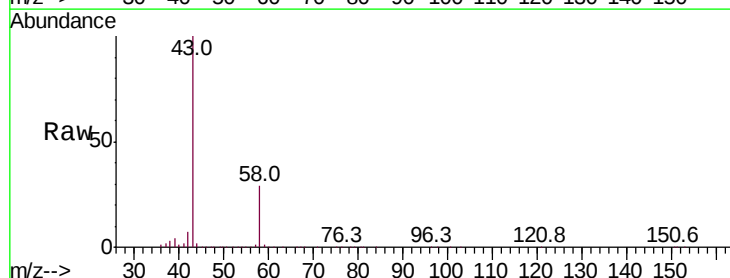
Acq: 19 Sep 2019 19:27

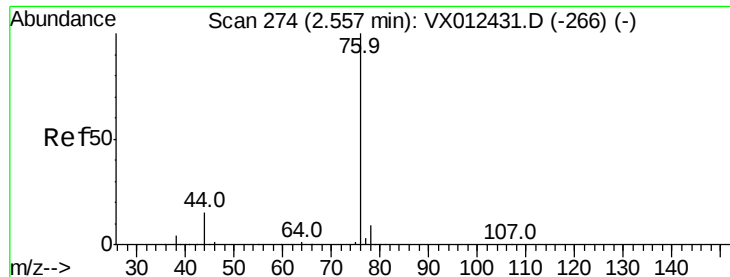
Tgt Ion: 43 Resp: 270054

Ion Ratio Lower Upper

43 100

58 28.6 23.3 34.9





#17

Carbon Disulfide

Concen: 43.403 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

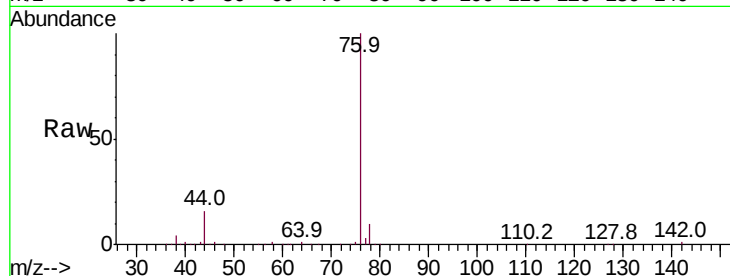
Z2-0157MS

Tot Ion: 76 Resp: 70394

Ion Ratio Lower Upper

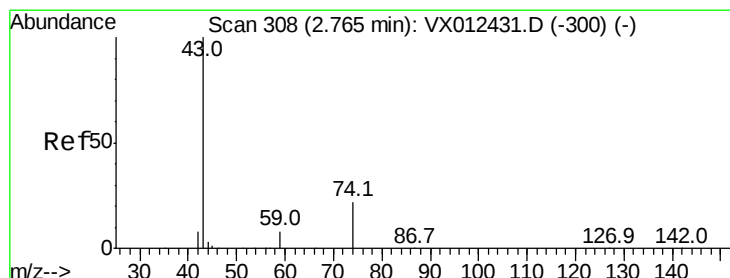
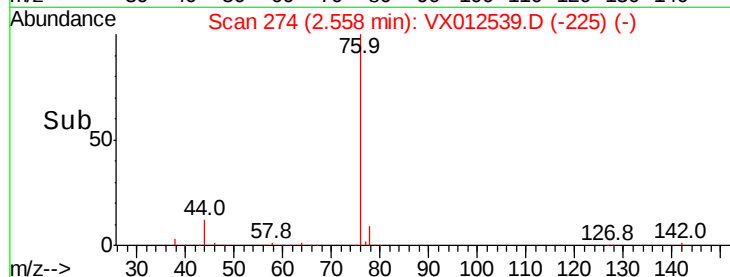
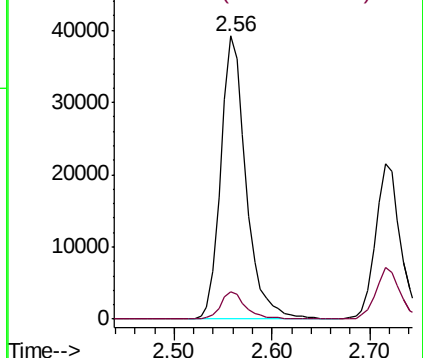
76 100

78 9.6 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: 45.587 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012539.D

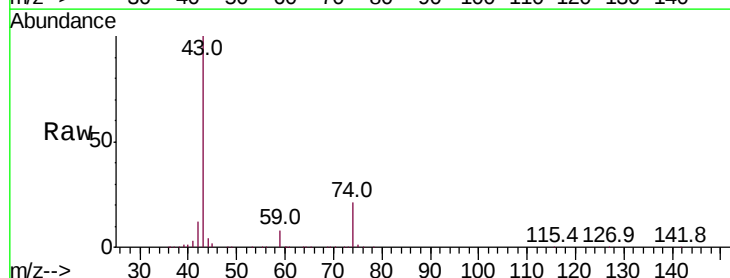
Acq: 19 Sep 2019 19:27

Tgt Ion: 43 Resp: 124899

Ion Ratio Lower Upper

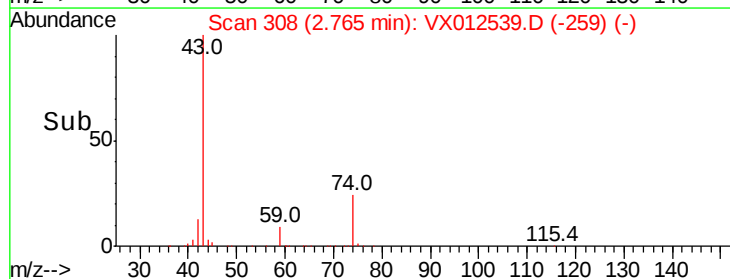
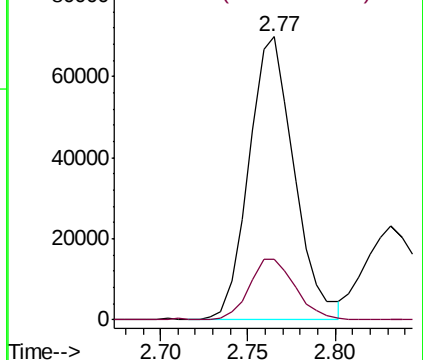
43 100

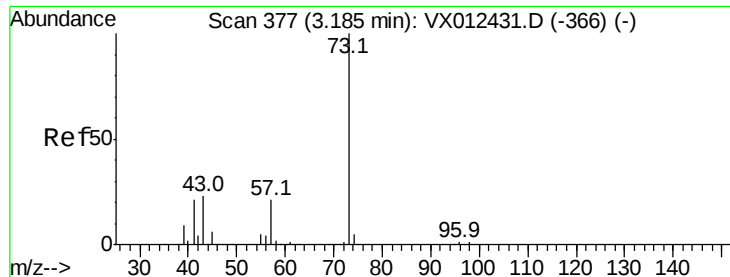
74 22.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

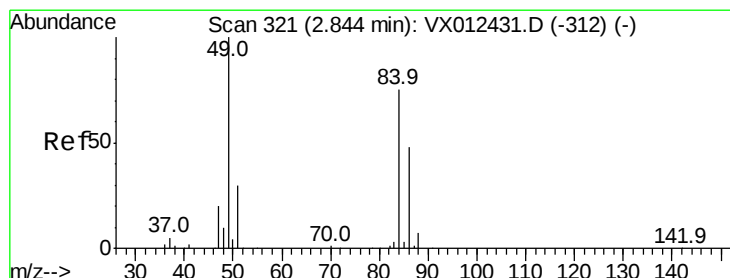
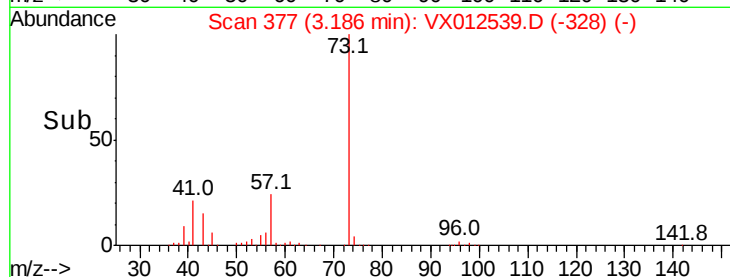
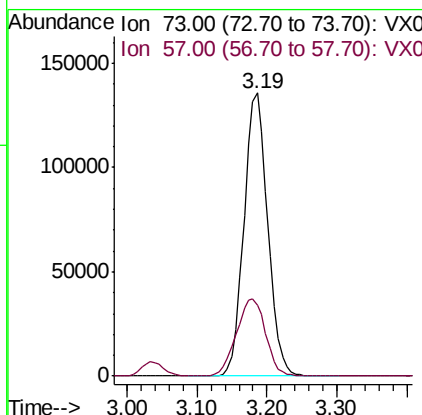
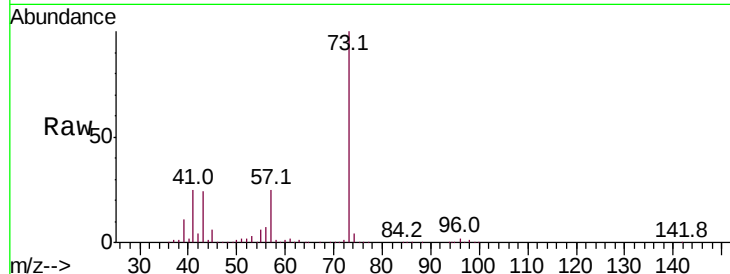




#19
Methyl tert-butyl Ether
Concen: 50.863 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

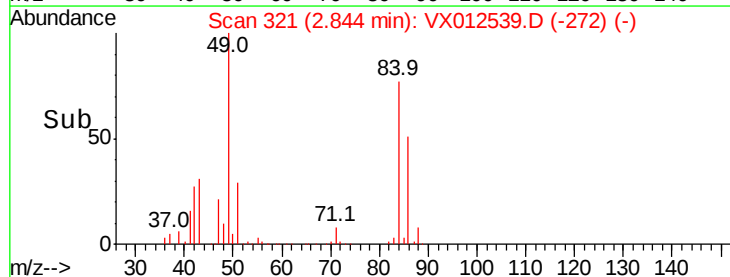
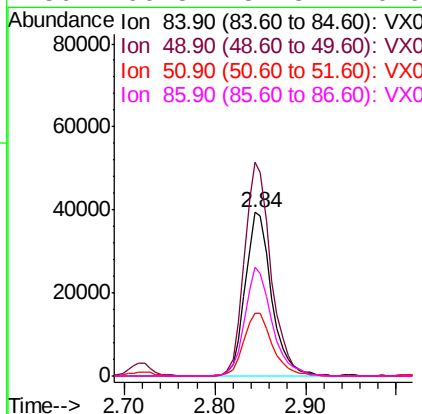
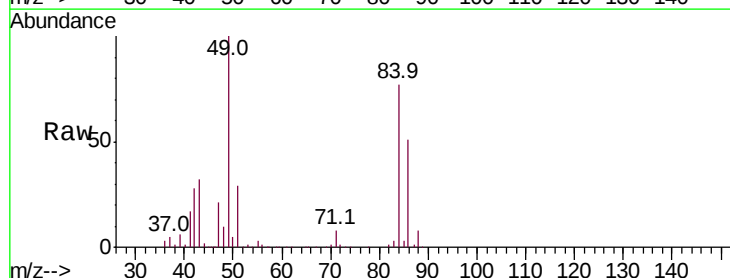
Instrument :
MSVOA_X
ClientSampled :
Z2-0157MS

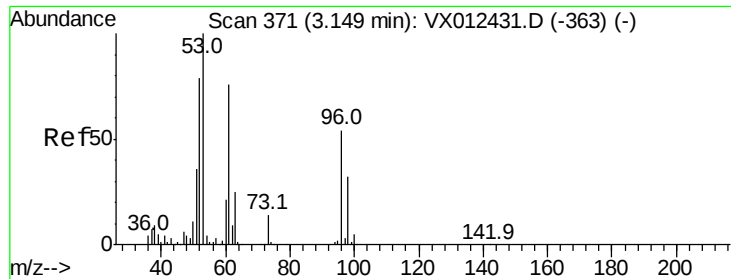
Tot Ion: 73 Resp: 319862
Ion Ratio Lower Upper
73 100
57 25.0 16.8 25.2



#20
Methylene Chloride
Concen: 49.862 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 84 Resp: 79343
Ion Ratio Lower Upper
84 100
49 130.2 106.8 160.2
51 37.9 32.3 48.5
86 66.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.711 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

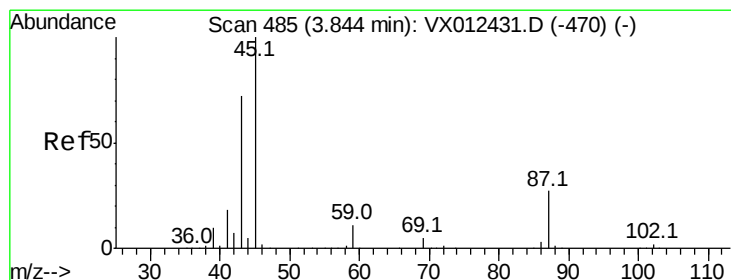
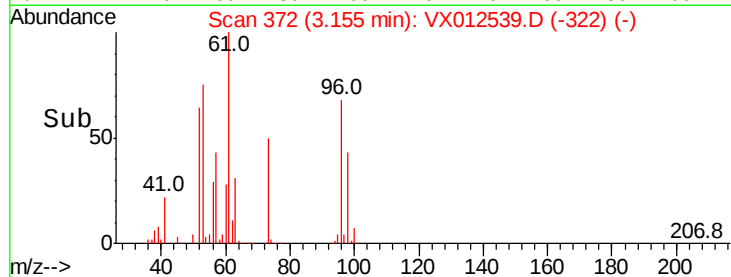
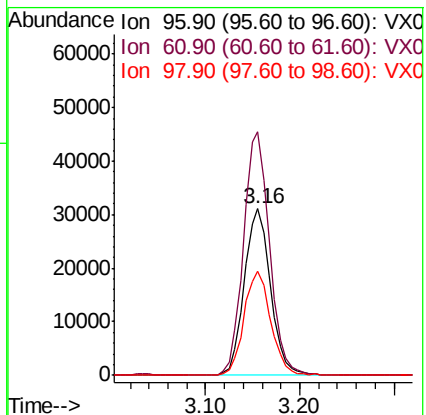
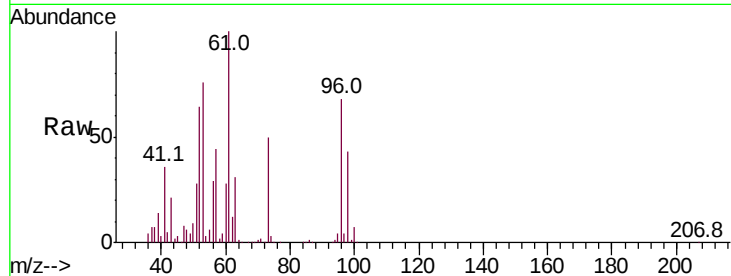
Tot Ion: 96 Resp: 60738

Ion Ratio Lower Upper

96 100

61 146.2 112.0 168.0

98 62.5 47.8 71.8



#22

Diisopropyl ether

Concen: 50.964 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Tgt Ion: 45 Resp: 320428

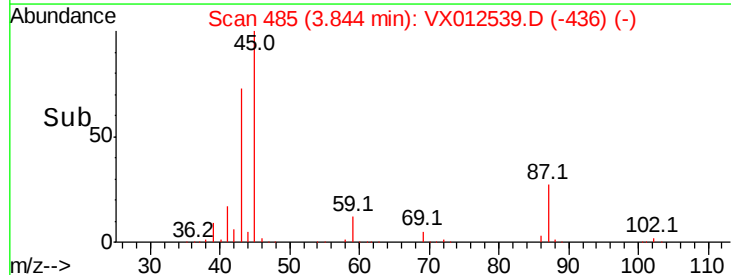
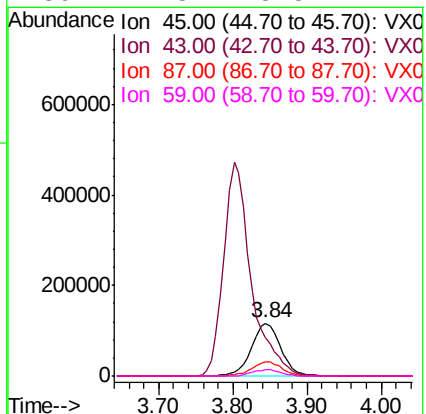
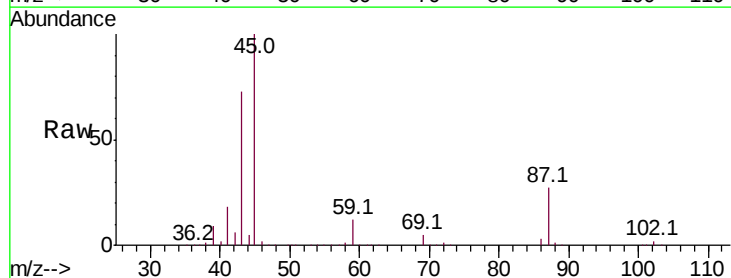
Ion Ratio Lower Upper

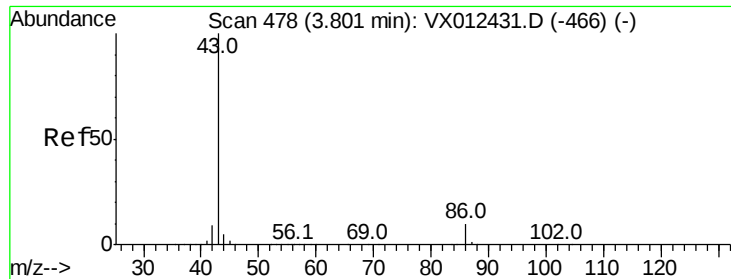
45 100

43 73.0 57.8 86.8

87 26.7 21.3 31.9

59 11.8 8.5 12.7





#23

Vinyl Acetate

Concen: 237.166 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampled :

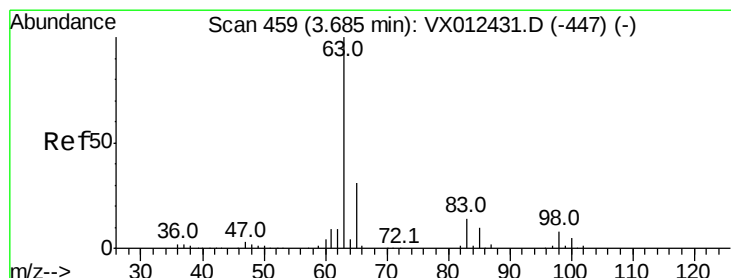
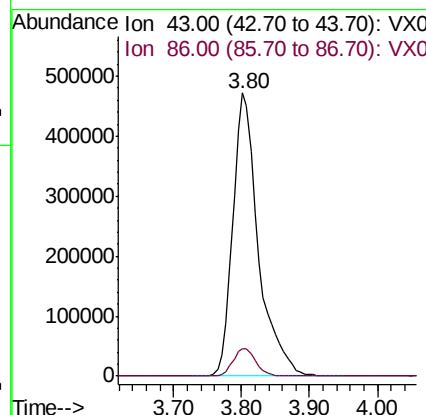
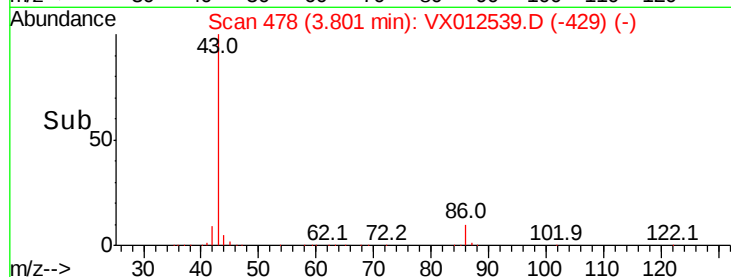
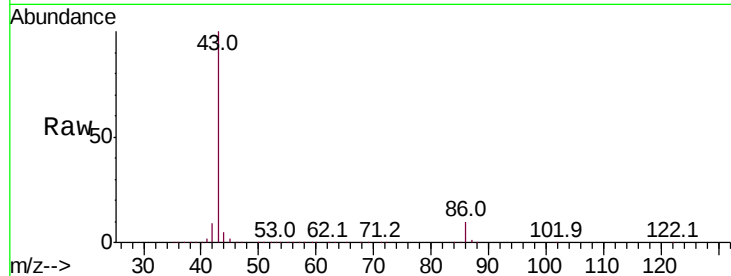
Z2-0157MS

Tot Ion: 43 Resp: 1226624

Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.8



#24

1,1-Dichloroethane

Concen: 51.870 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

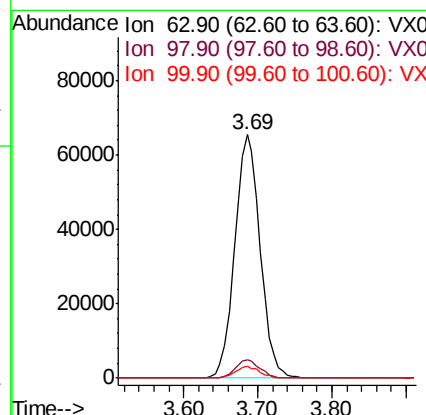
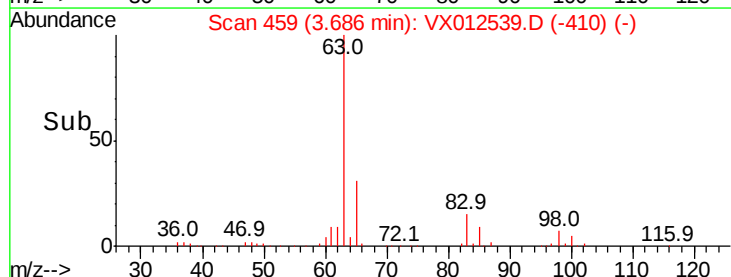
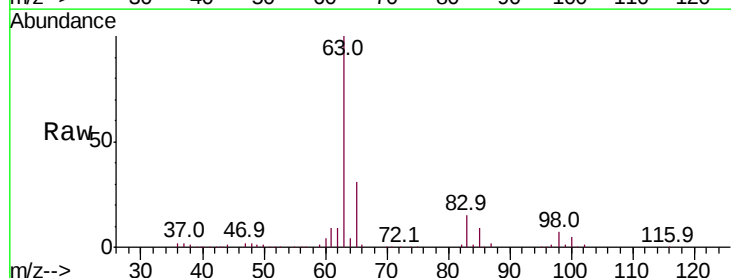
Tgt Ion: 63 Resp: 156039

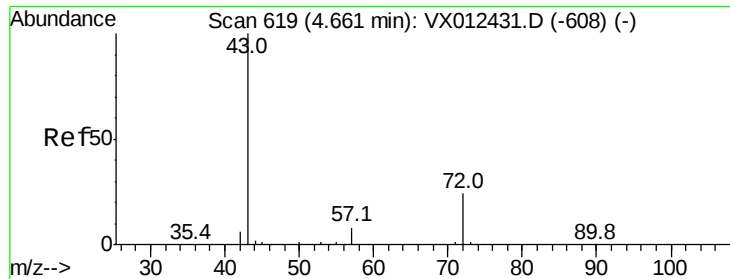
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 235.456 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

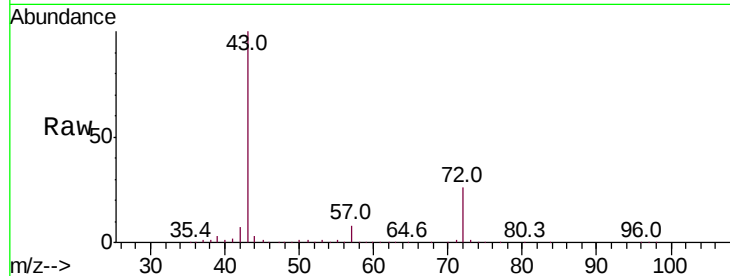
Z2-0157MS

Tot Ion: 43 Resp: 429433

Ion Ratio Lower Upper

43 100

72 25.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

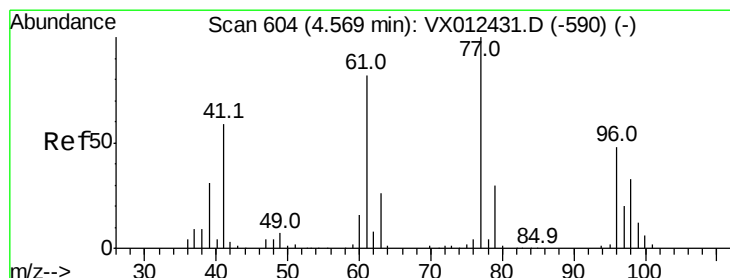
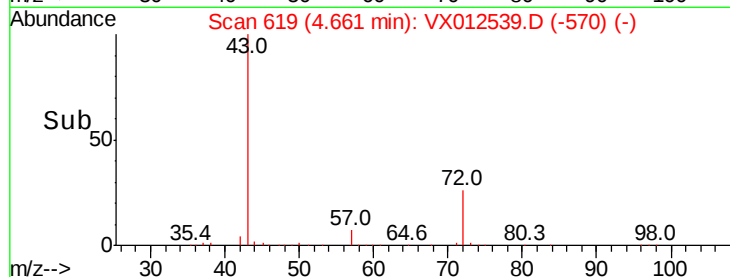
50000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 40.586 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012539.D

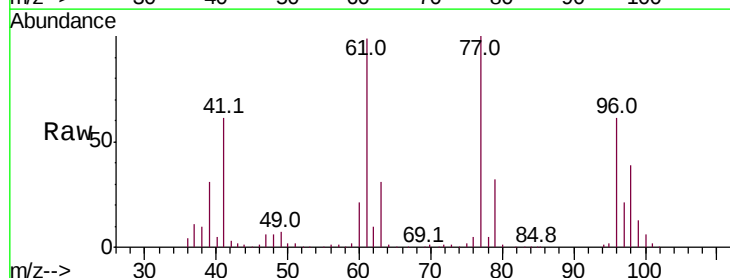
Acq: 19 Sep 2019 19:27

Tgt Ion: 77 Resp: 120075

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

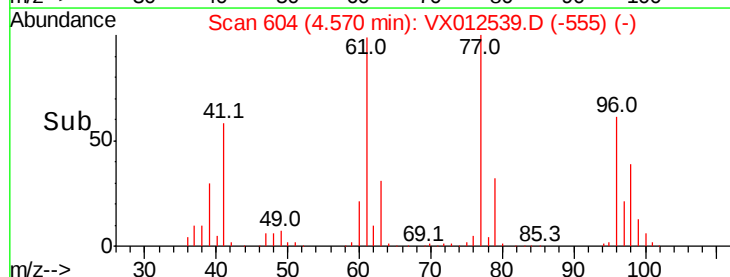
10000

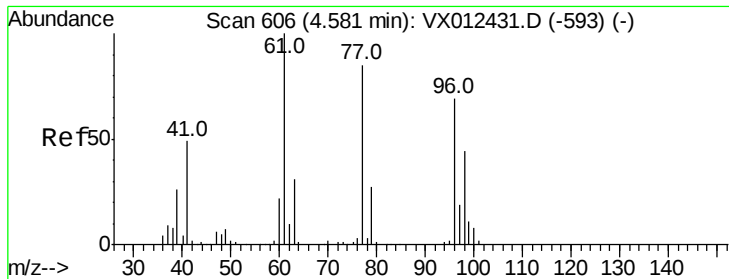
0

4.57

4.40 4.50 4.60 4.70

Time-->



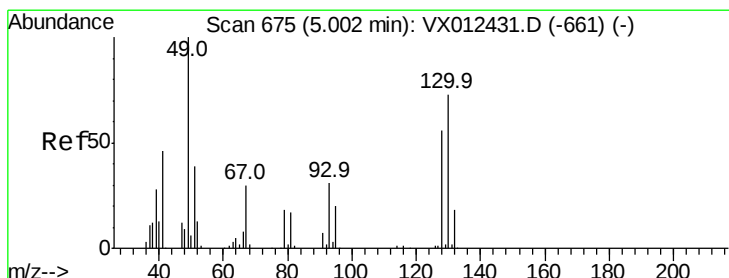
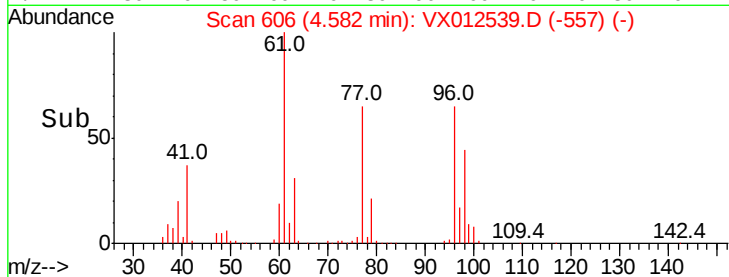
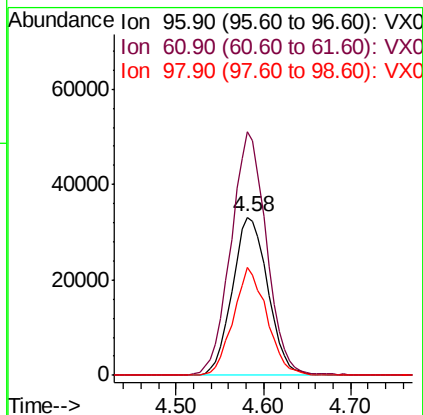
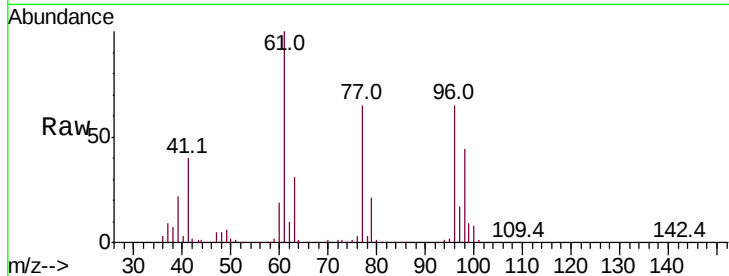


#27

cis-1,2-Dichloroethene
 Concen: 52.516 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MS

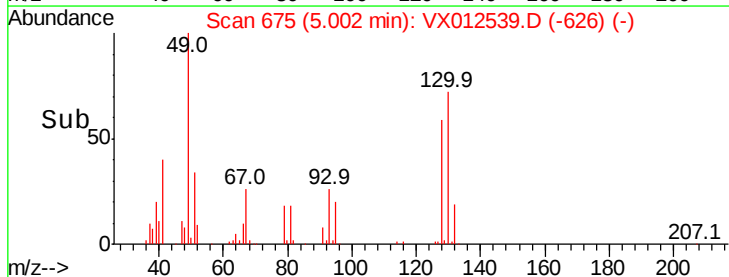
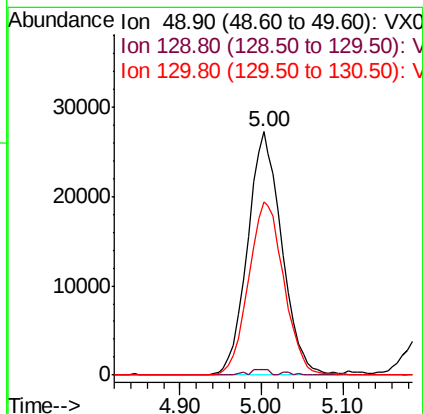
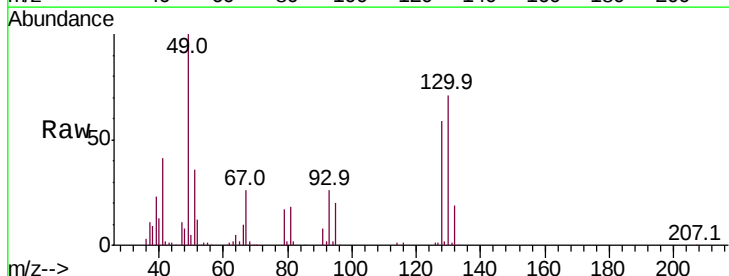
Tot Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	319.4
98	64.4	0.0	130.6

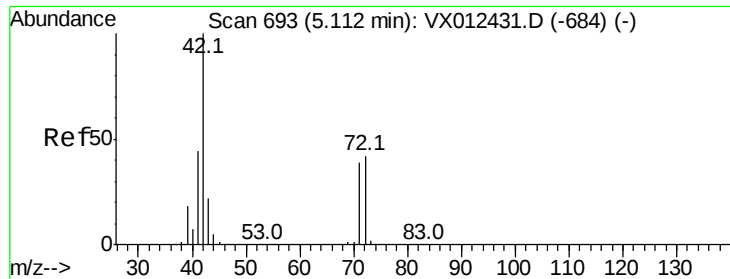


#28

Bromochloromethane
 Concen: 51.329 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	73.4	58.2	87.4





#29

Tetrahydrofuran

Concen: 262.011 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

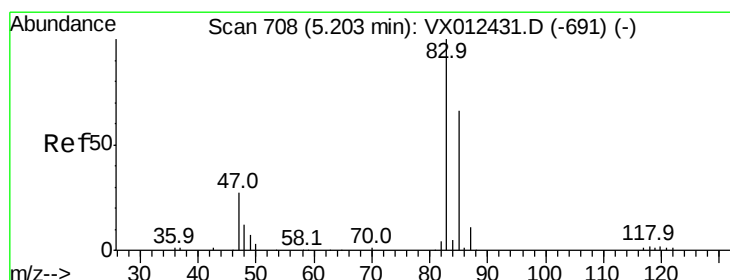
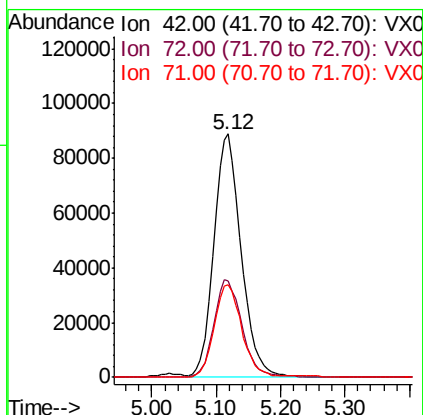
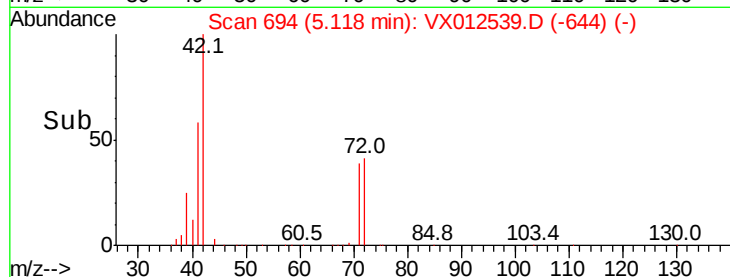
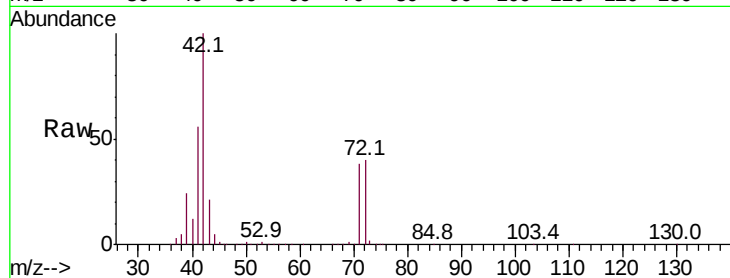
Tot Ion: 42 Resp: 263991

Ion Ratio Lower Upper

42 100

72 41.8 34.0 51.0

71 39.0 31.5 47.3



#30

Chloroform

Concen: 49.086 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012539.D

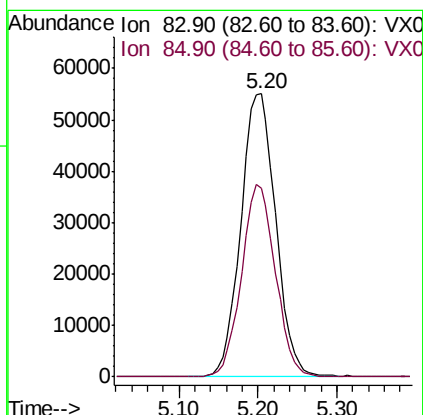
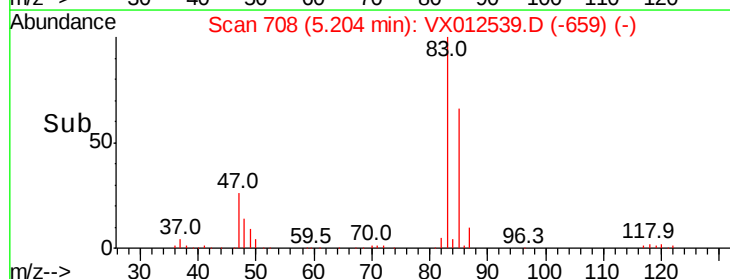
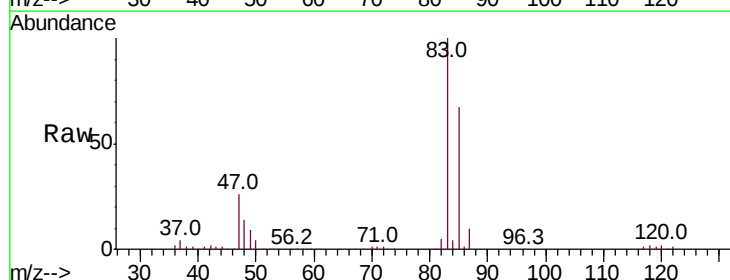
Acq: 19 Sep 2019 19:27

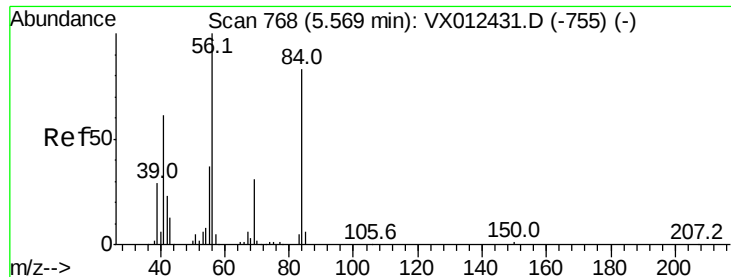
Tgt Ion: 83 Resp: 169585

Ion Ratio Lower Upper

83 100

85 66.8 53.0 79.4

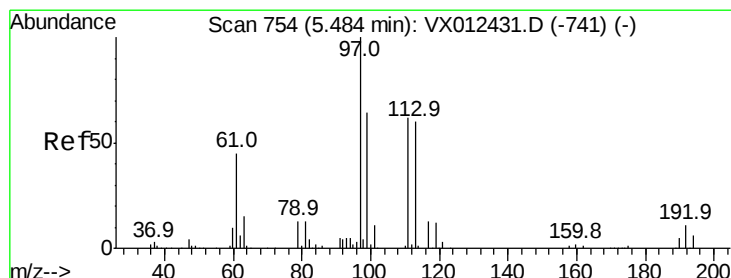
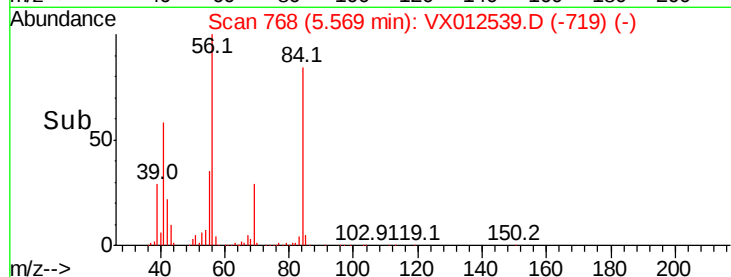
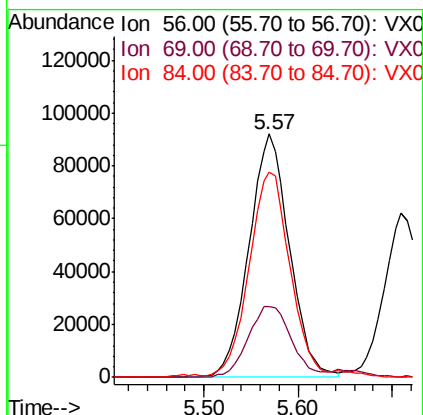
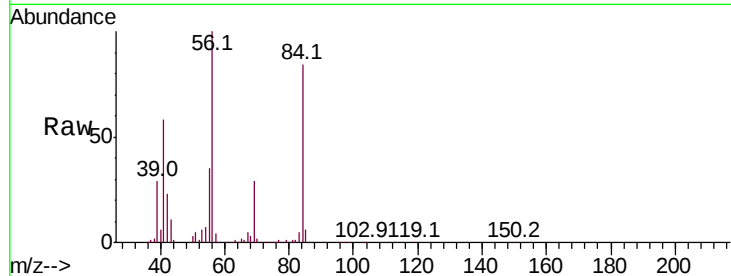




#31
Cyclohexane
Concen: 151.947 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

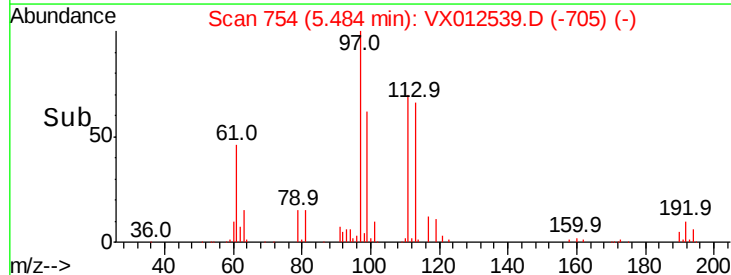
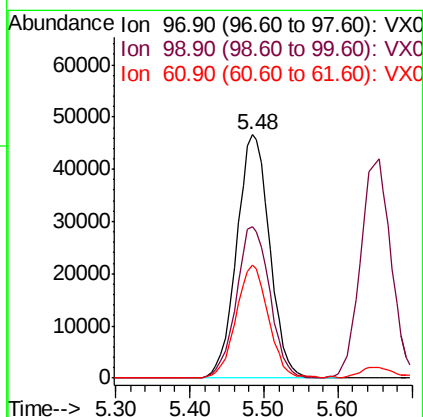
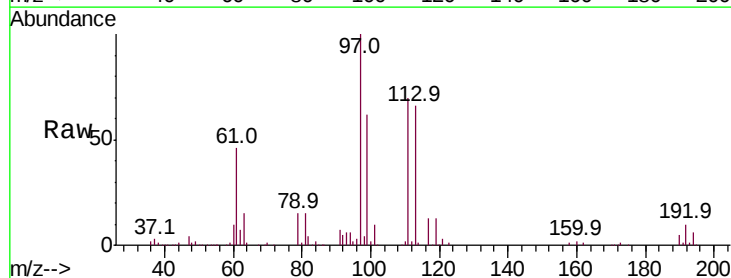
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

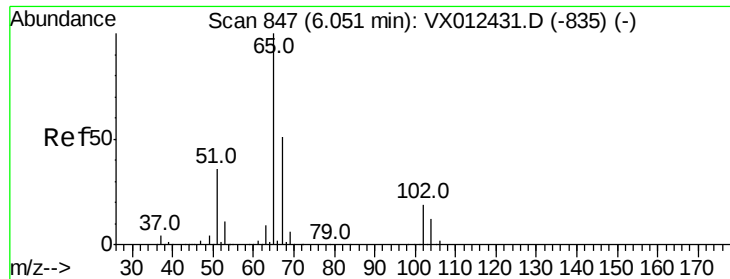
Tot Ion: 56 Resp: 275929
Ion Ratio Lower Upper
56 100
69 29.2 25.0 37.6
84 83.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.980 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 97 Resp: 144321
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 45.9 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.773 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

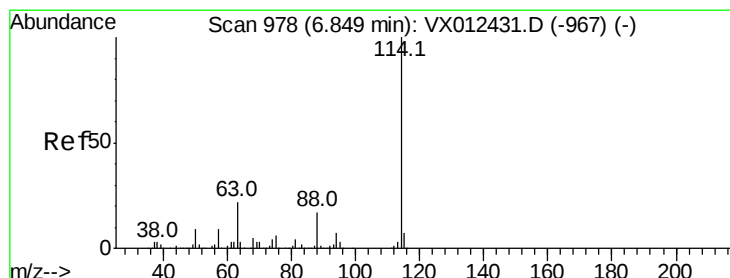
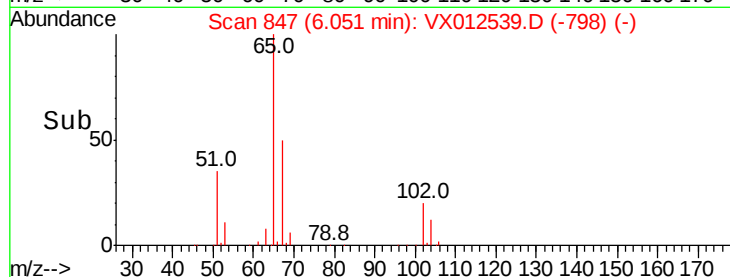
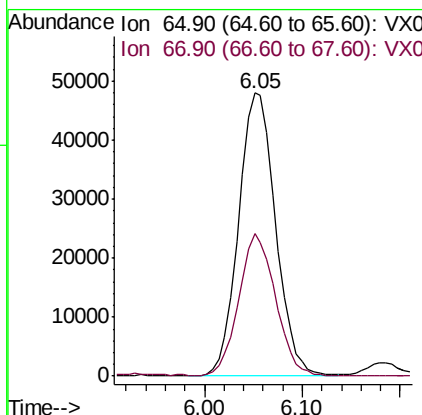
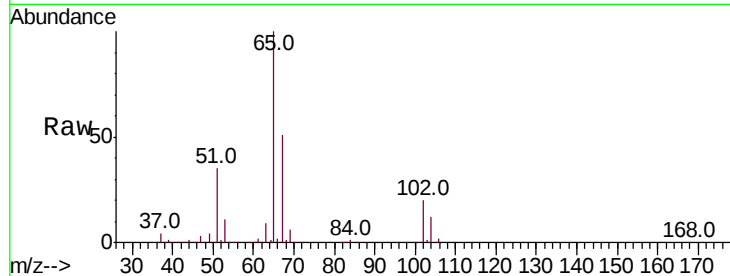
Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

Tot Ion: 65 Resp: 125609

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

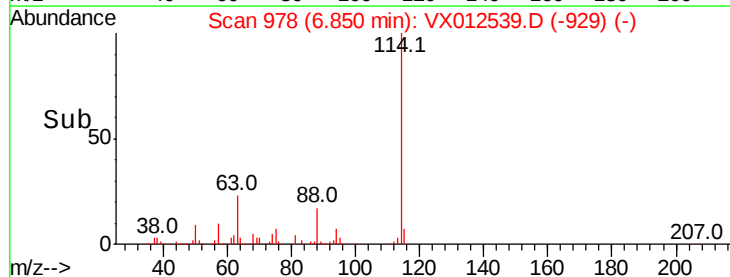
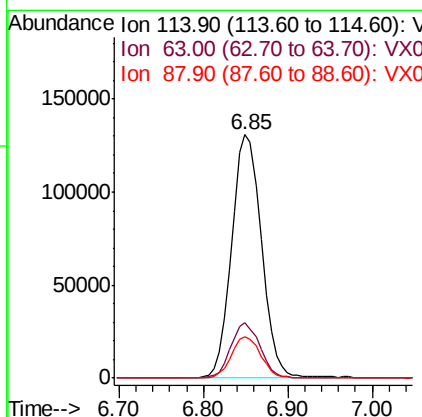
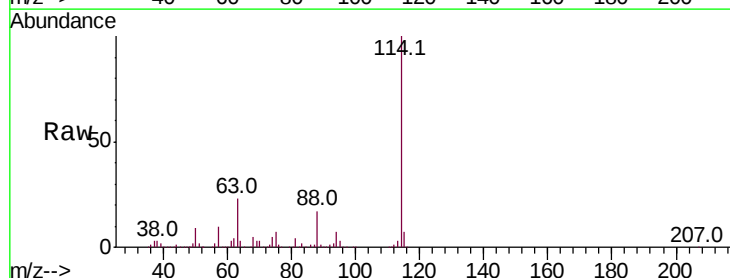
Delta R.T. 0.00 min

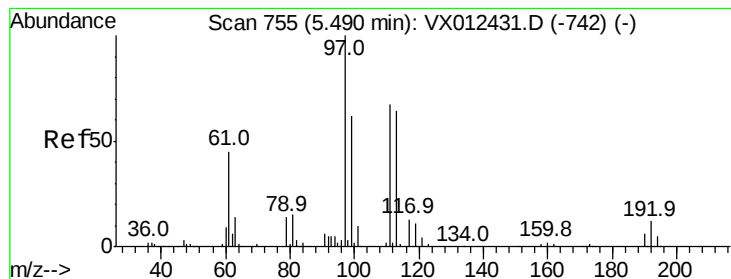
Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Tgt Ion: 114 Resp: 314057

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.2
88	17.1	0.0	33.2





#35

Dibromofluoromethane

Concen: 47.248 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

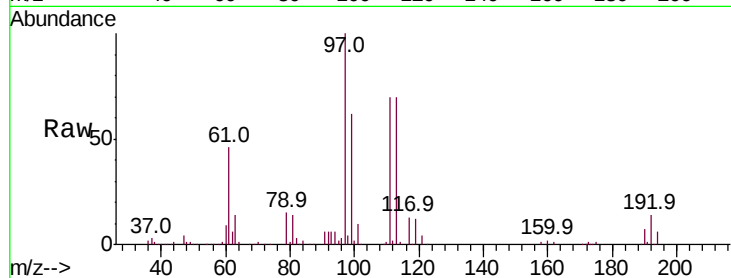
Tot Ion:113 Resp: 89812

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

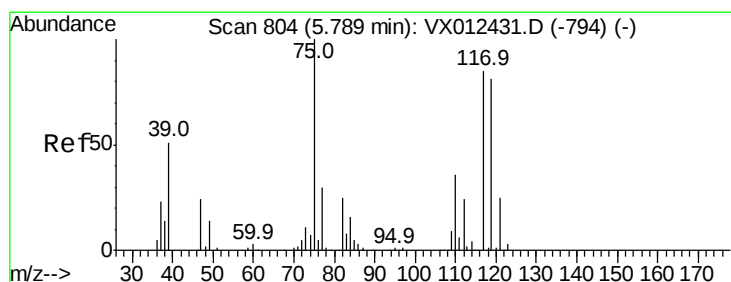
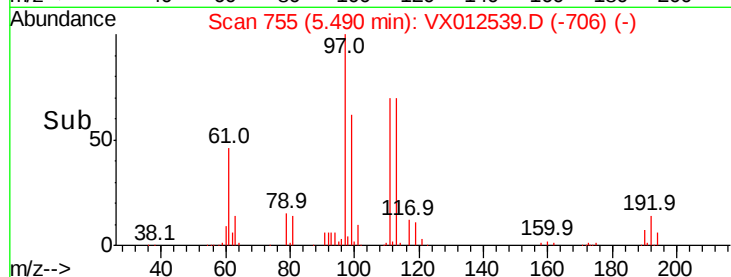
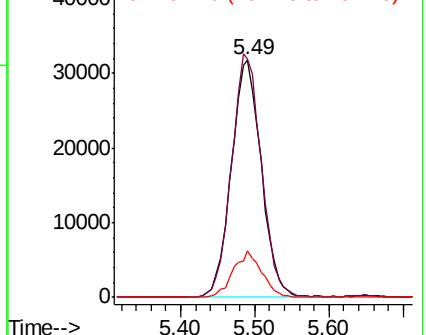
192 18.5 14.4 21.6



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: 47.938 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

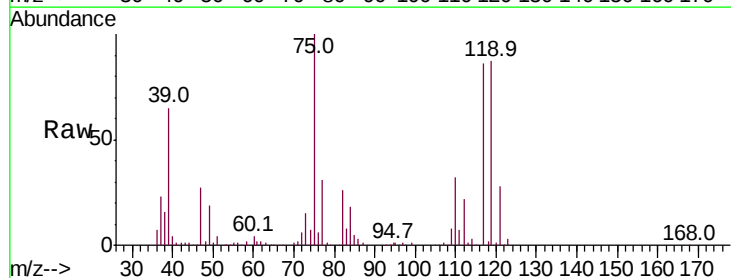
Tgt Ion: 75 Resp: 91499

Ion Ratio Lower Upper

75 100

110 35.7 16.7 50.0

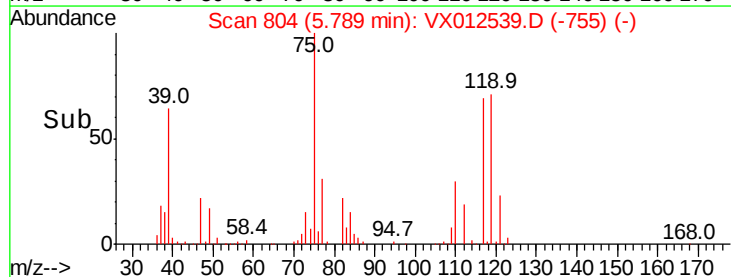
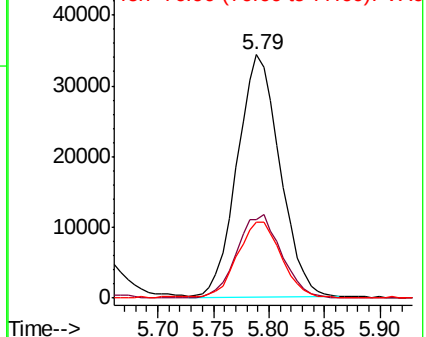
77 32.2 24.2 36.2

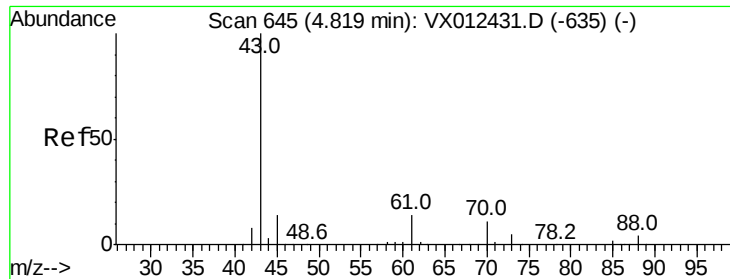


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.847 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

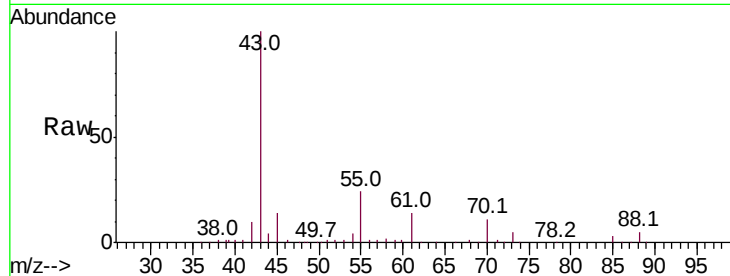
Tot Ion: 43 Resp: 140183

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.4

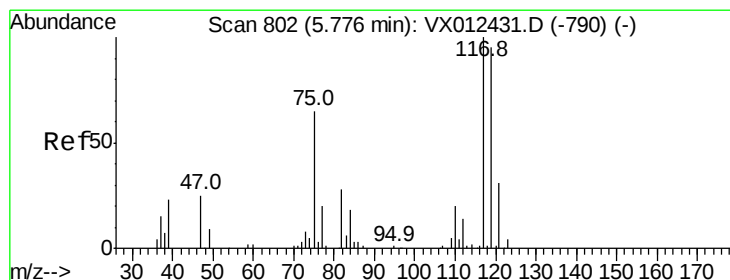
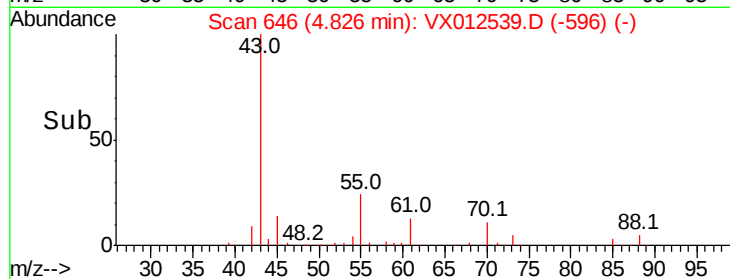
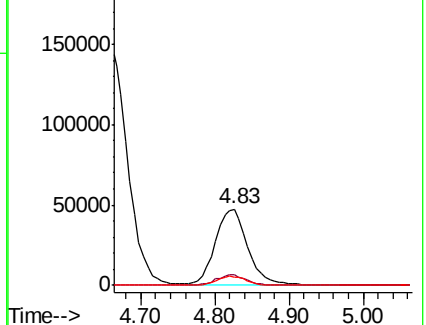
70 11.5 8.7 13.1



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: 49.128 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

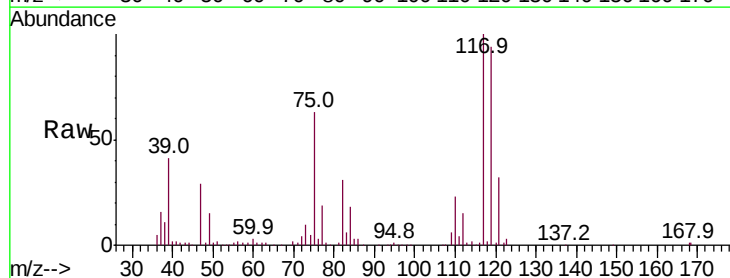
Tgt Ion: 117 Resp: 116625

Ion Ratio Lower Upper

117 100

119 94.2 75.7 113.5

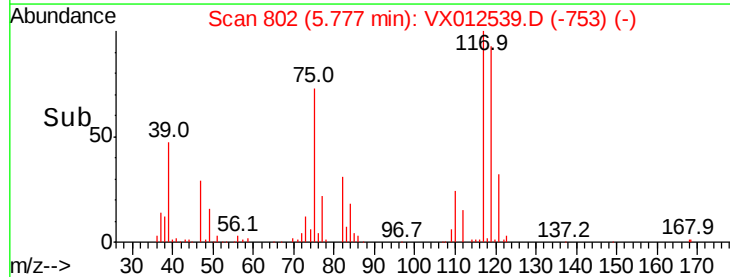
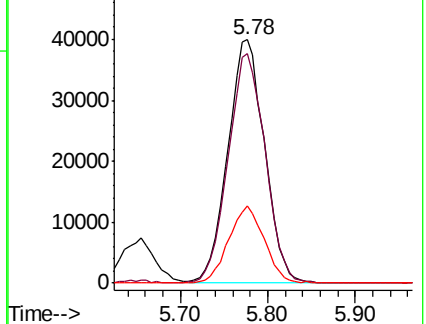
121 31.8 24.2 36.4

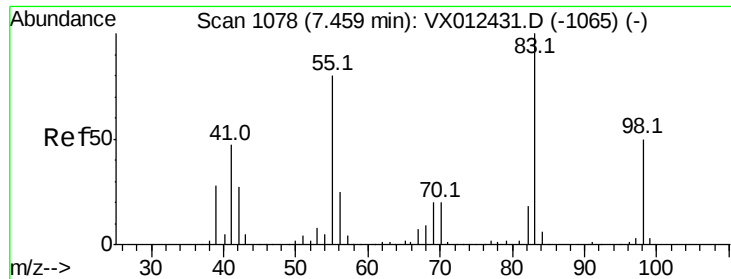


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

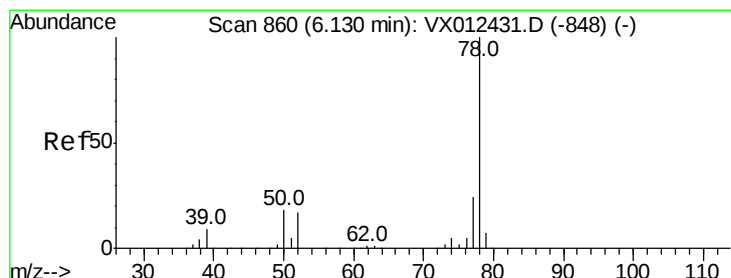
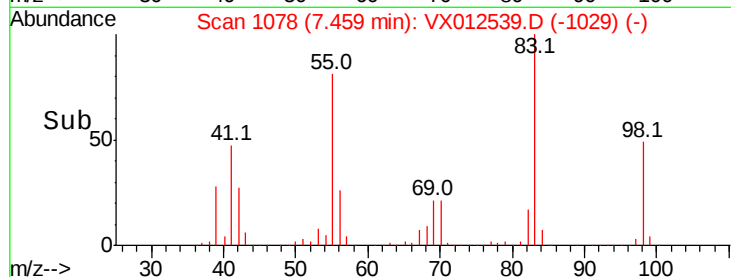
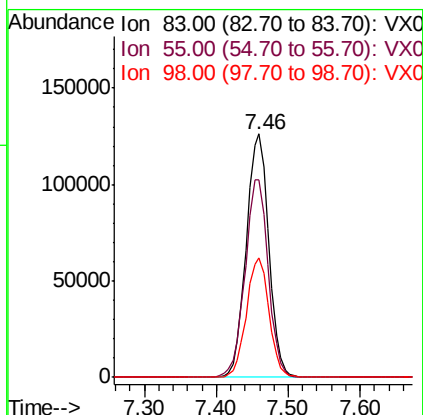
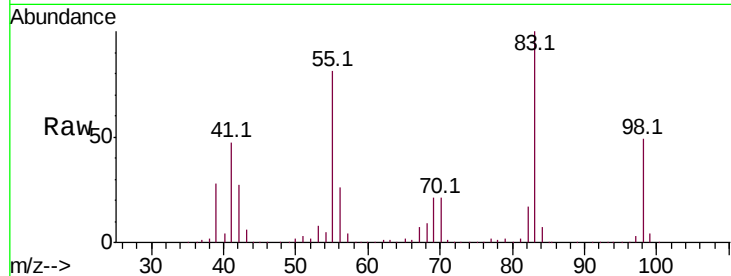




#39
Methvlcvclohexane
Concen: 148.189 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

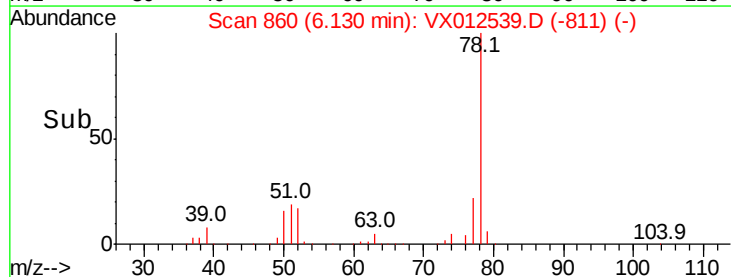
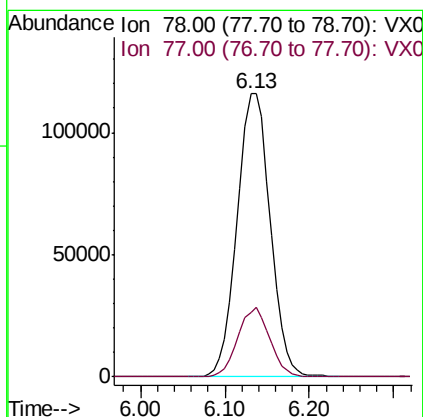
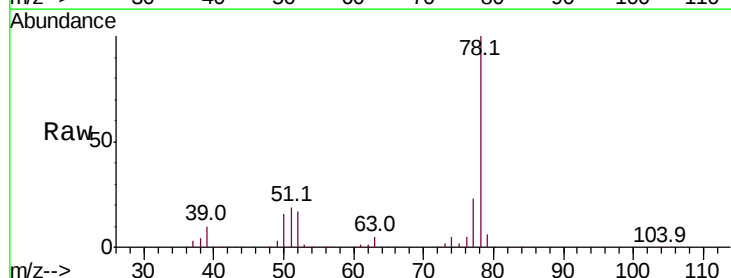
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

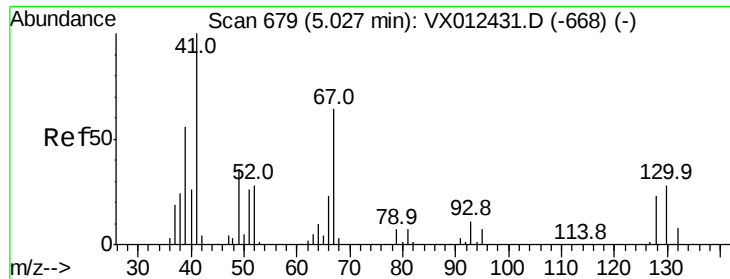
Tot Ion: 83 Resp: 274965
Ion Ratio Lower Upper
83 100
55 80.9 64.4 96.6
98 49.0 40.1 60.1



#40
Benzene
Concen: 50.864 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 78 Resp: 308722
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8

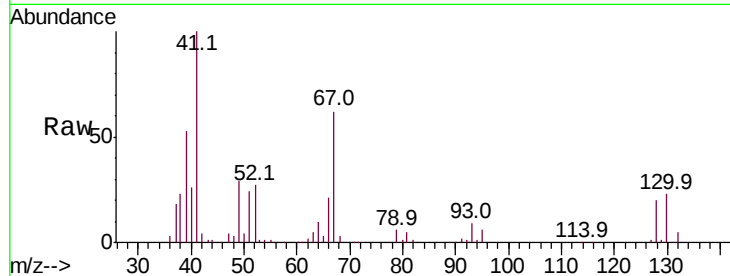




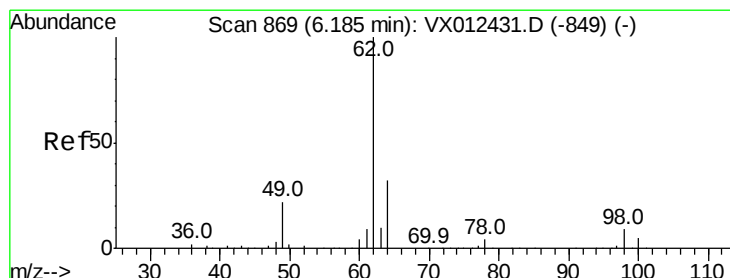
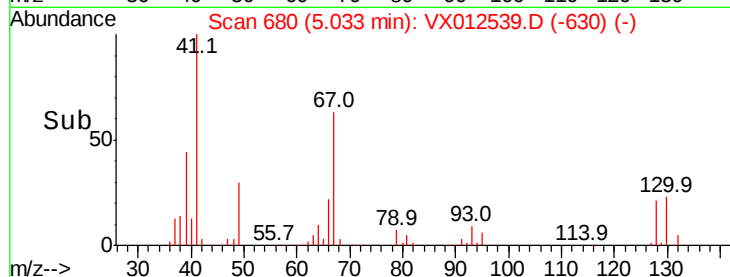
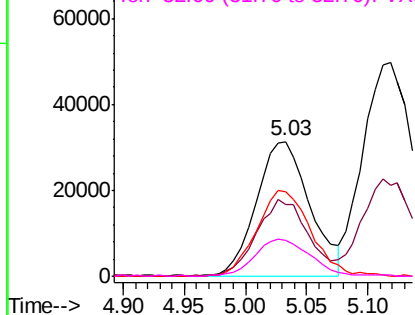
#41
Methacrylonitrile
Concen: 50.476 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

Tot Ion:	41	Resp:	95224
Ion	Ratio	Lower	Upper
41	100		
39	54.1	46.0	69.0
67	64.5	52.2	78.2
52	29.3	22.7	34.1

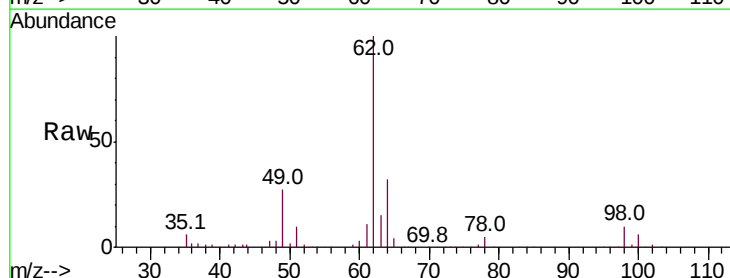


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

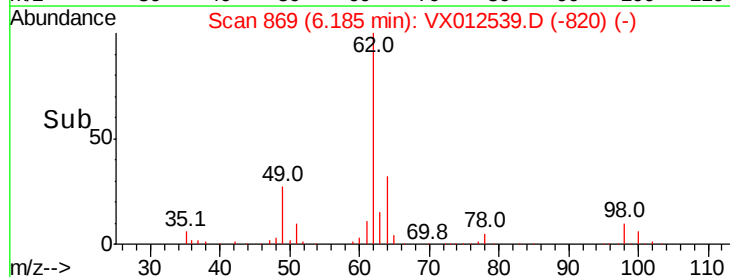
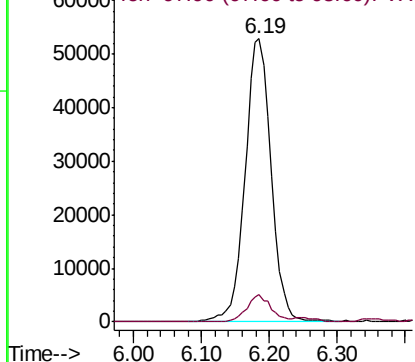


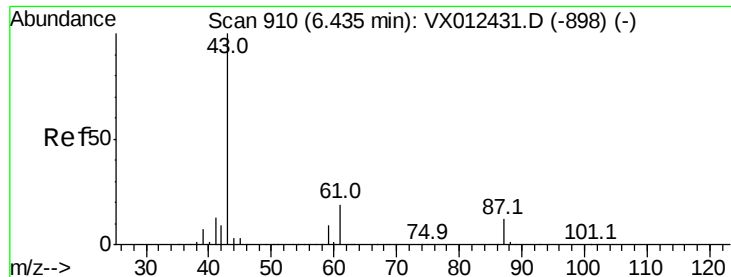
#42
1,2-Dichloroethane
Concen: 49.989 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion:	62	Resp:	140727
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



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



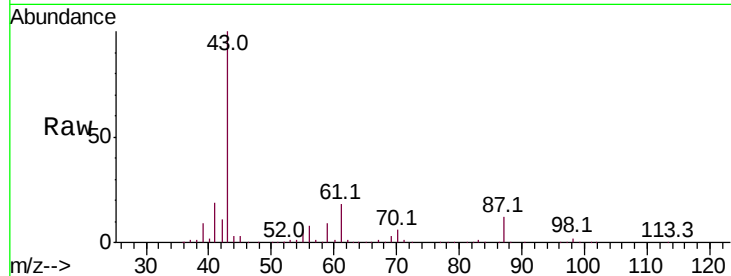


#43

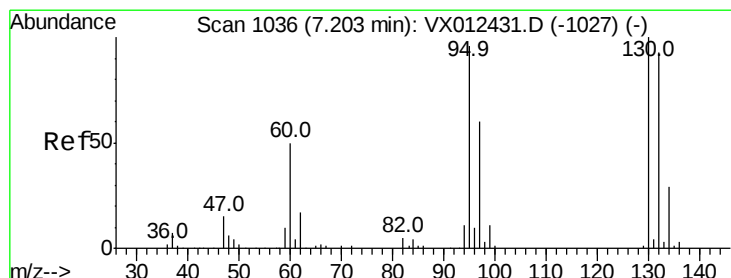
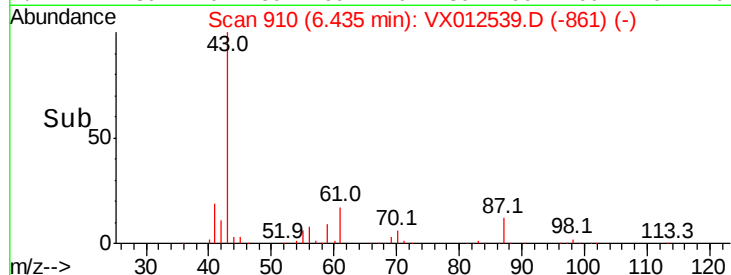
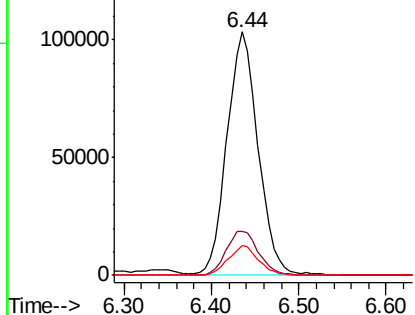
Isopropyl Acetate
 Concen: 48.168 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MS

Tot Ion: 43 Resp: 253294
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.4 23.0
 87 12.1 9.8 14.8



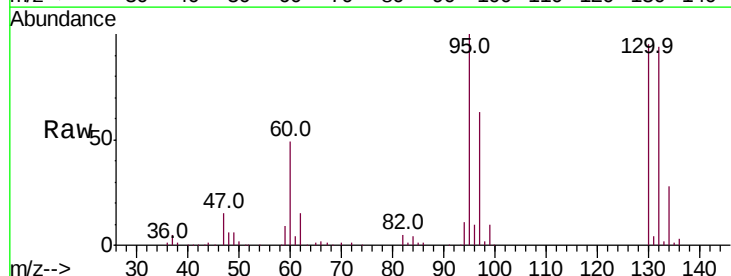
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



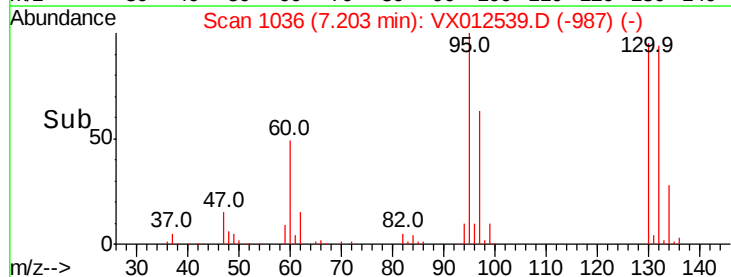
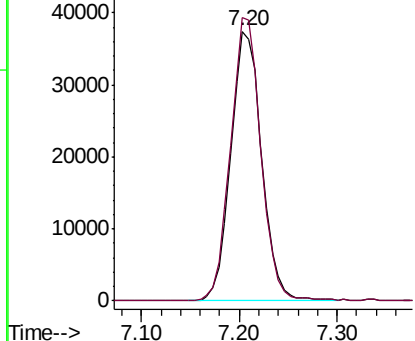
#44

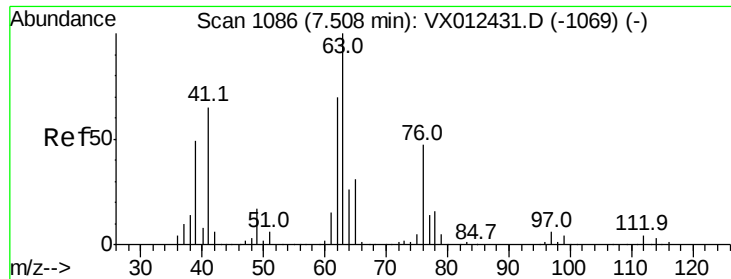
Trichloroethene
 Concen: 51.357 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Tgt Ion:130 Resp: 81998
 Ion Ratio Lower Upper
 130 100
 95 104.8 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: 50.750 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampled :

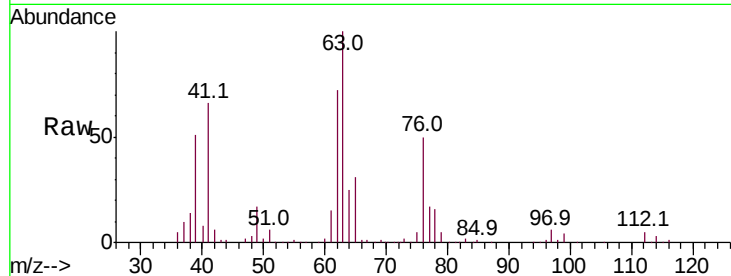
Z2-0157MS

Tot Ion: 63 Resp: 94635

Ion Ratio Lower Upper

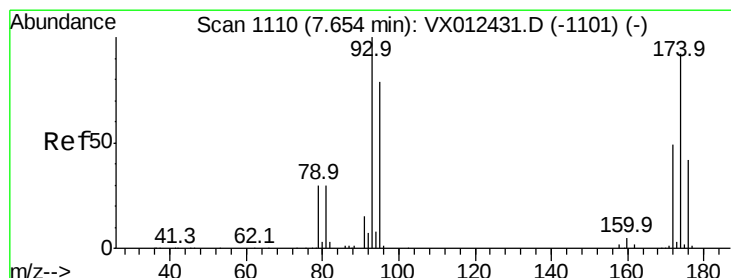
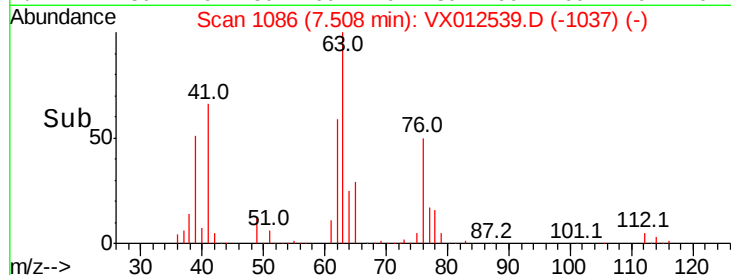
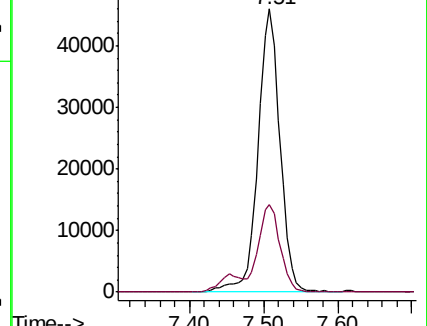
63 100

65 31.0 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: 50.529 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

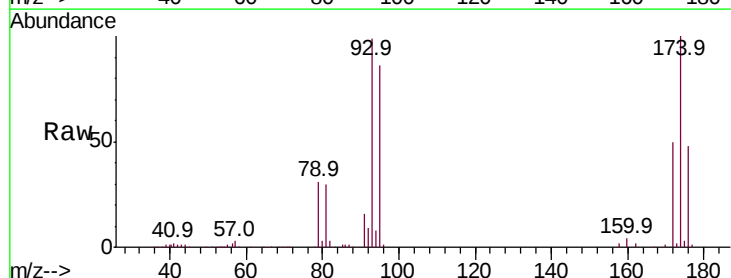
Tgt Ion: 93 Resp: 60974

Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

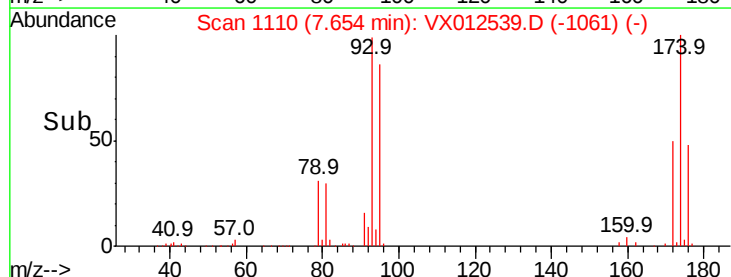
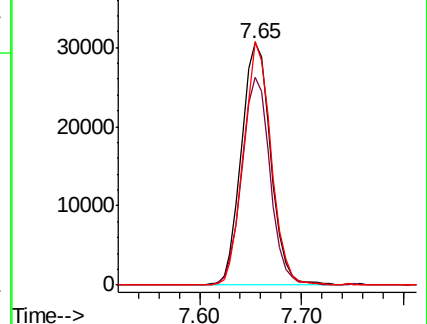
174 94.6 77.4 116.0

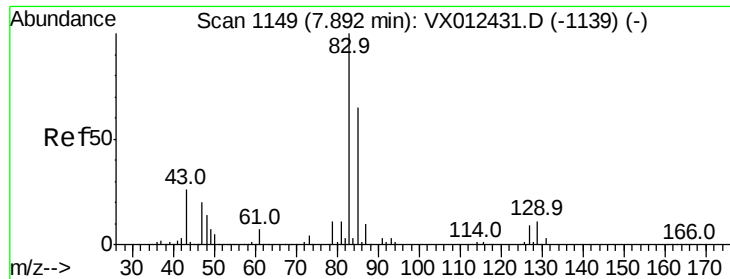


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.950 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

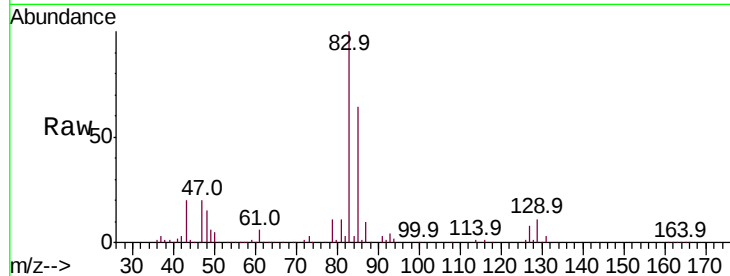
Tot Ion: 83 Resp: 134208

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

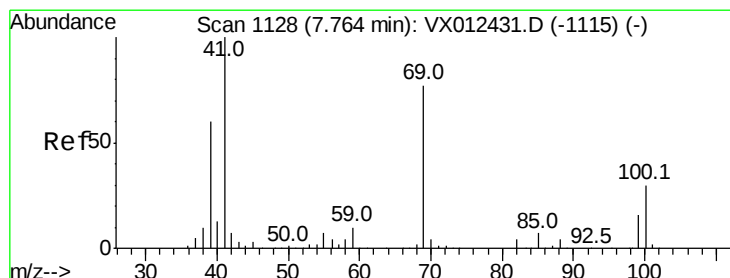
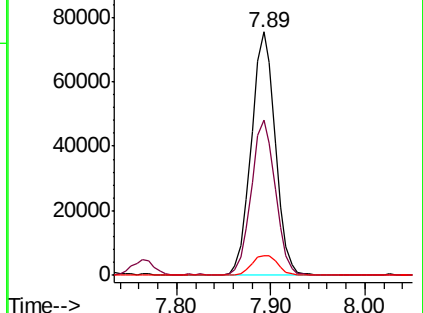
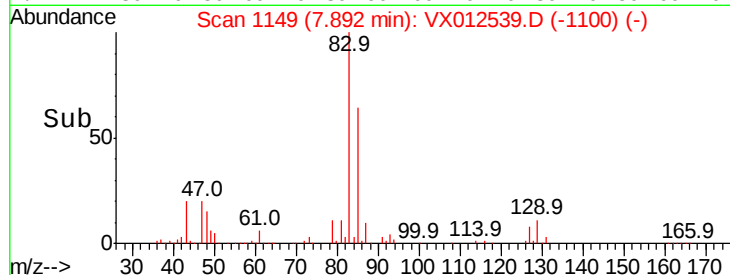
127 7.9 7.3 10.9



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: 53.530 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

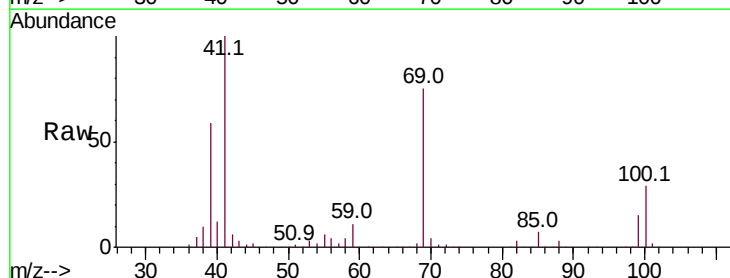
Tgt Ion: 41 Resp: 132691

Ion Ratio Lower Upper

41 100

69 81.8 59.9 89.9

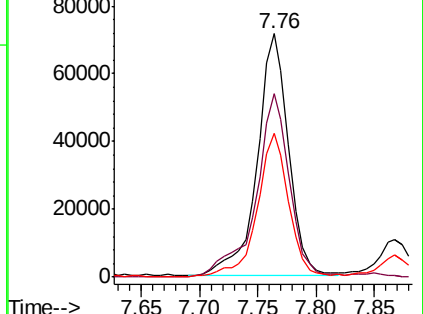
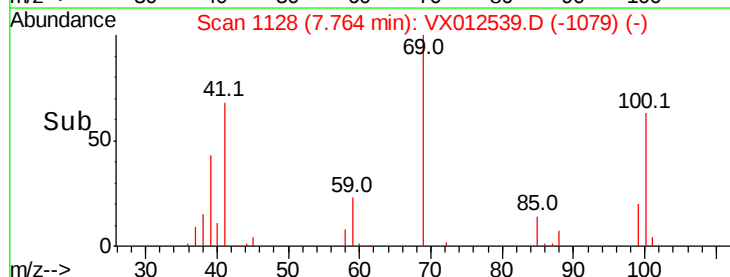
39 59.0 47.8 71.6

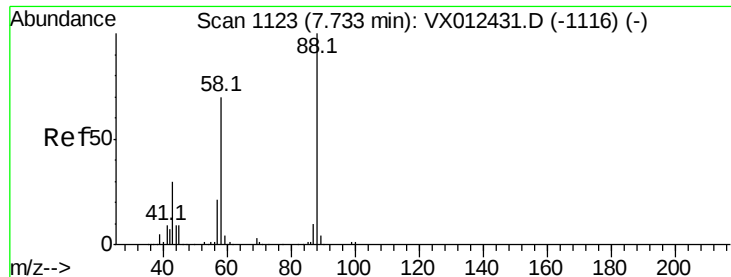


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

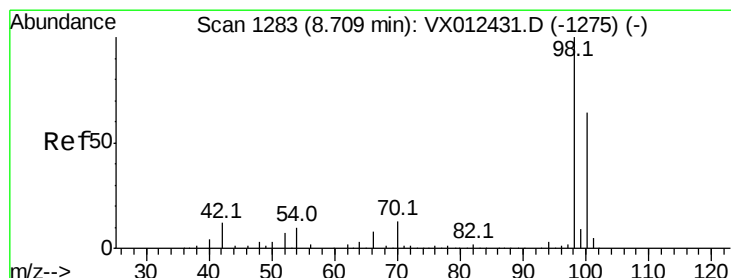
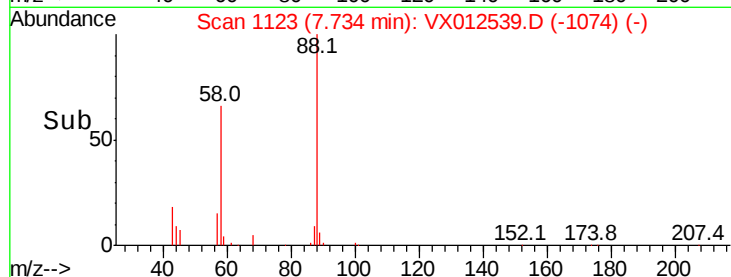
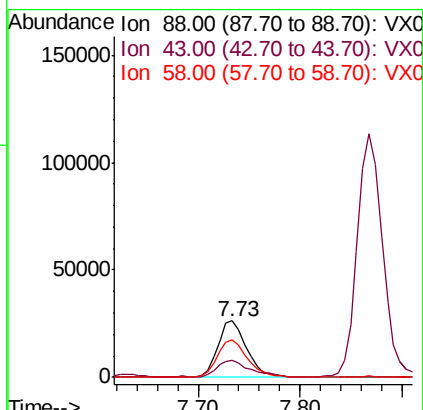
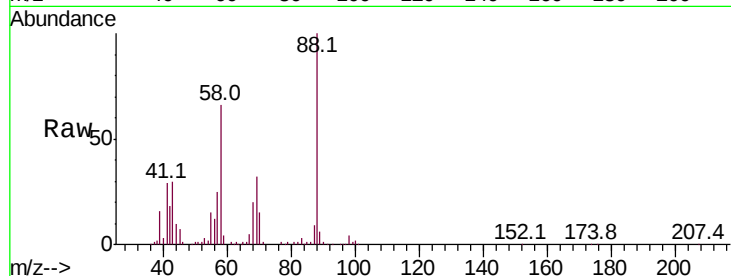




#49
1,4-Dioxane
Concen: 861.994 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

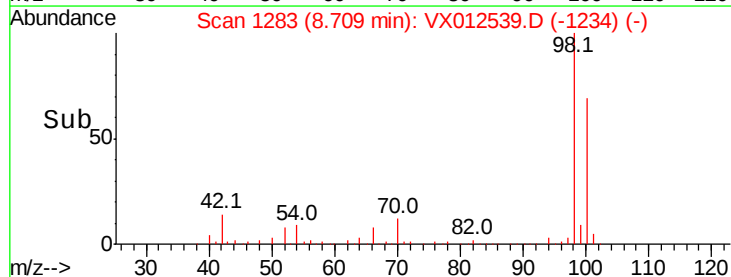
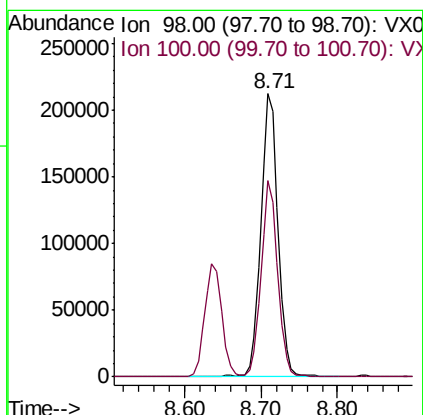
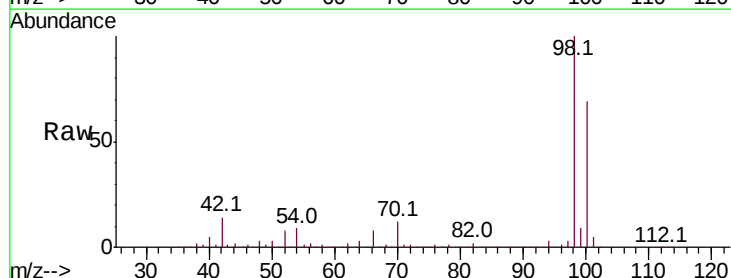
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

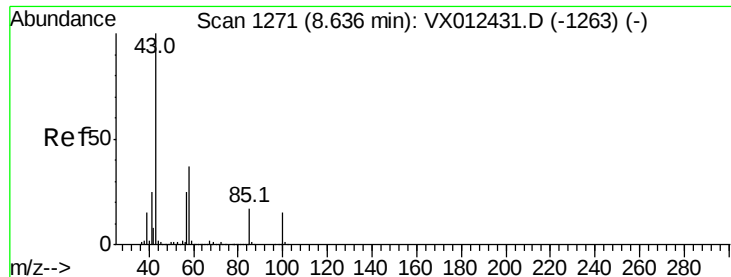
Tot Ion: 88 Resp: 52004
Ion Ratio Lower Upper
88 100
43 33.2 29.4 44.0
58 69.1 57.5 86.3



#50
Toluene-d8
Concen: 47.735 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 98 Resp: 335859
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2

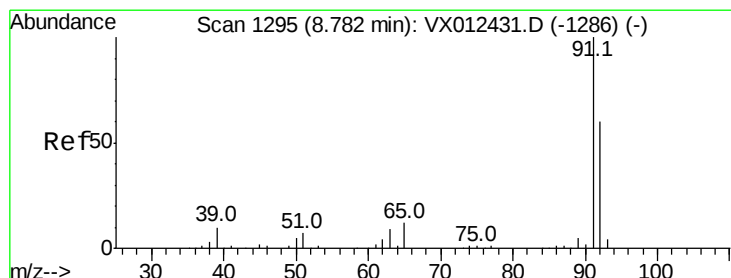
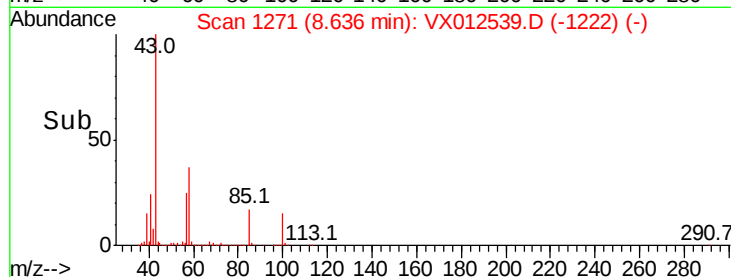
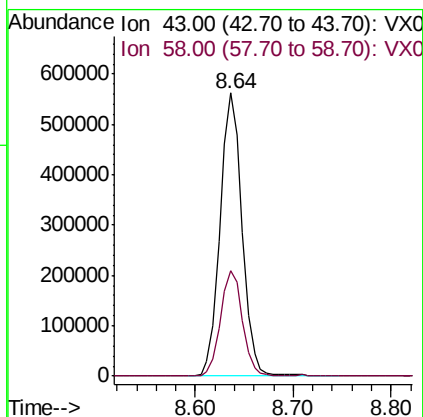
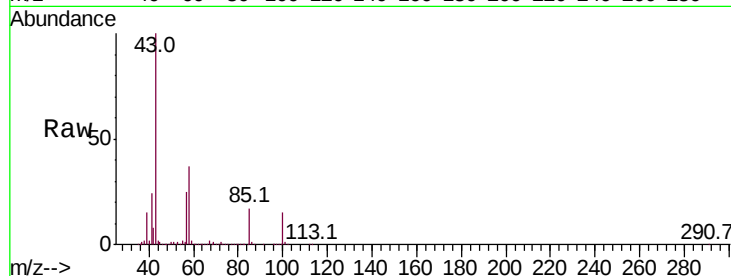




#51
 4-Methyl-2-Pentanone
 Concen: 254.579 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

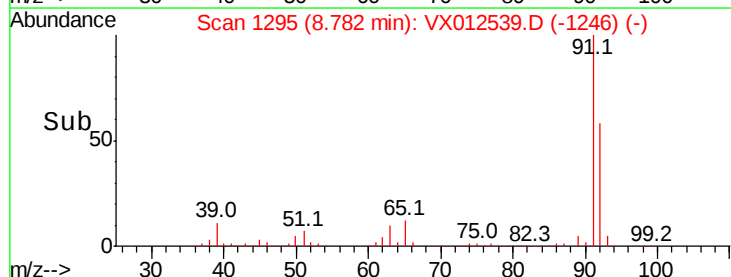
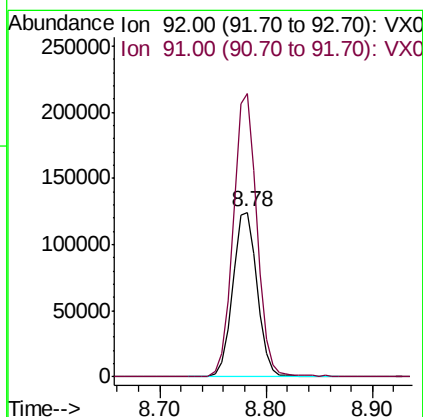
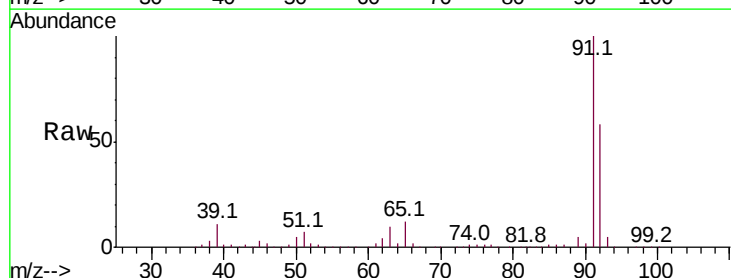
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MS

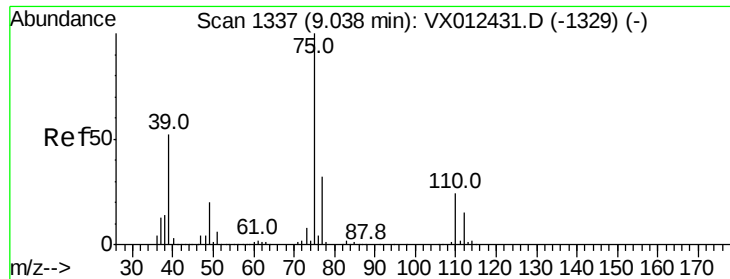
Tot Ion: 43 Resp: 877914
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.6



#52
 Toluene
 Concen: 51.362 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Tgt Ion: 92 Resp: 200880
 Ion Ratio Lower Upper
 92 100
 91 166.6 135.4 203.0

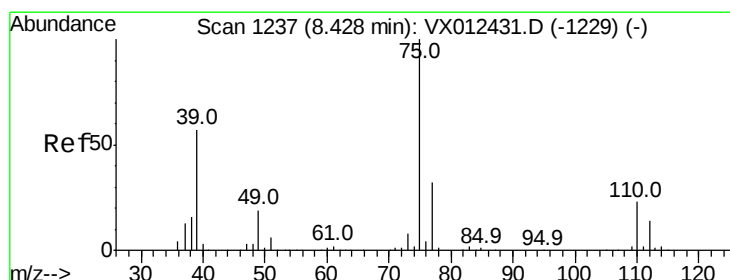
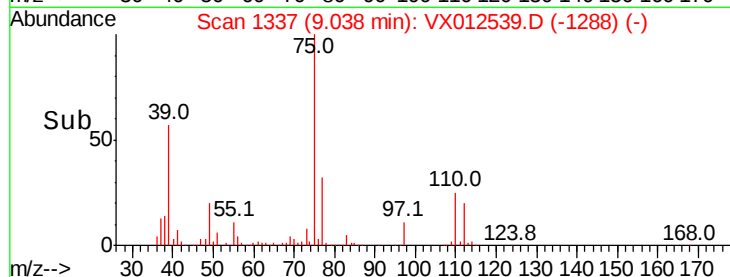
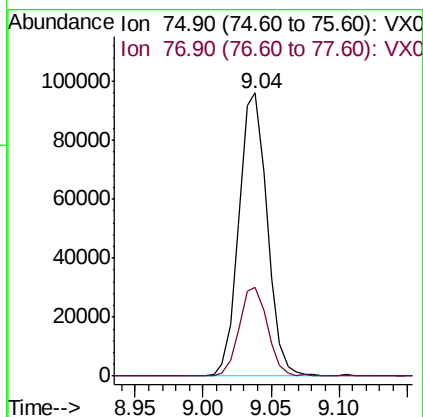
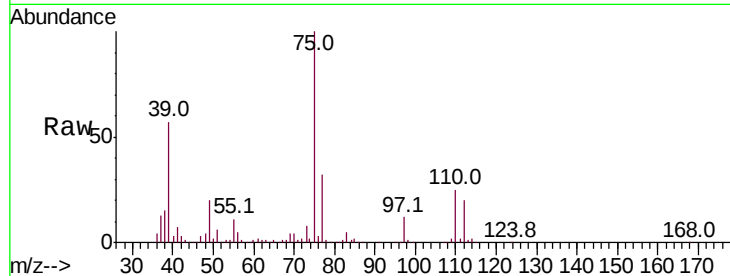




#53
 t-1,3-Dichloropropene
 Concen: 49.942 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

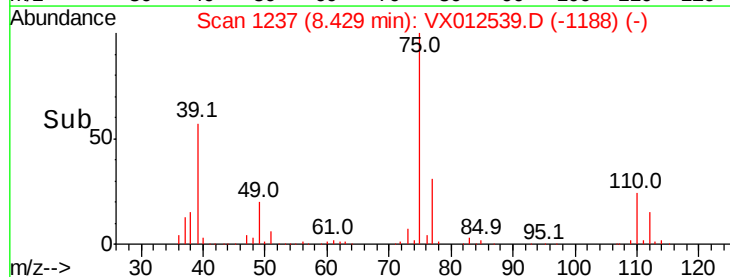
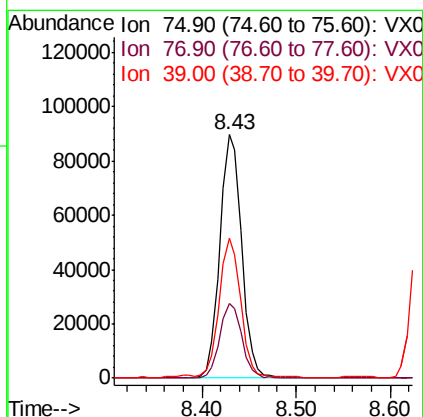
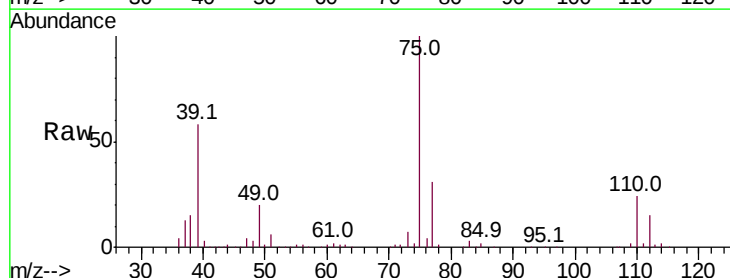
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MS

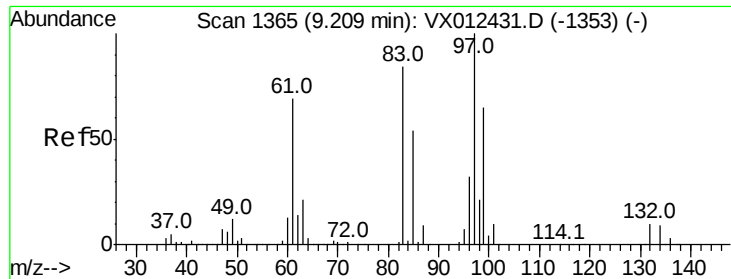
Tot Ion: 75 Resp: 139485
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.723 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Tgt Ion: 75 Resp: 143773
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8
 39 57.2 45.5 68.3

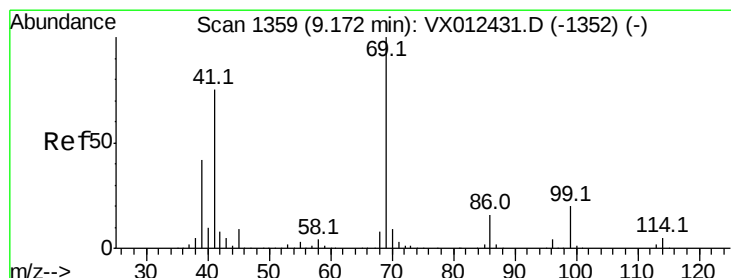
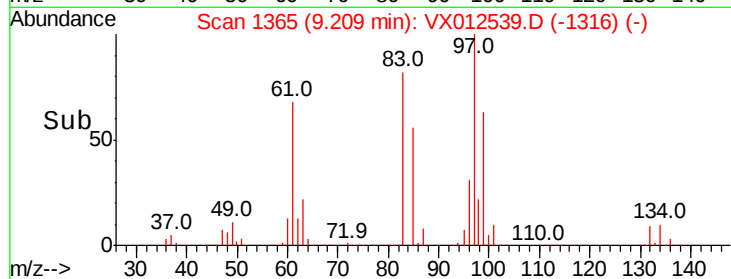
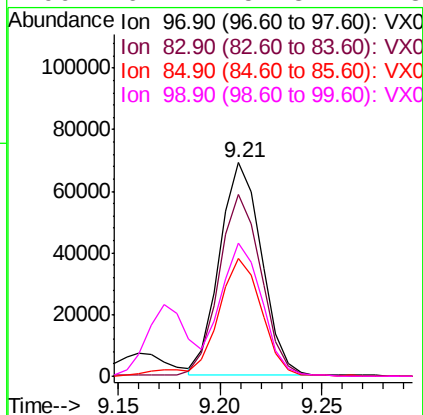
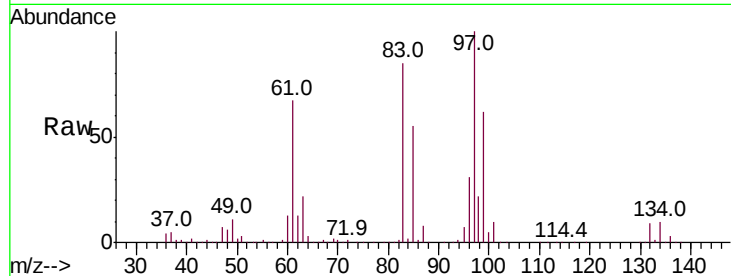




#55
 1,1,2-Trichloroethane
 Concen: 48.984 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

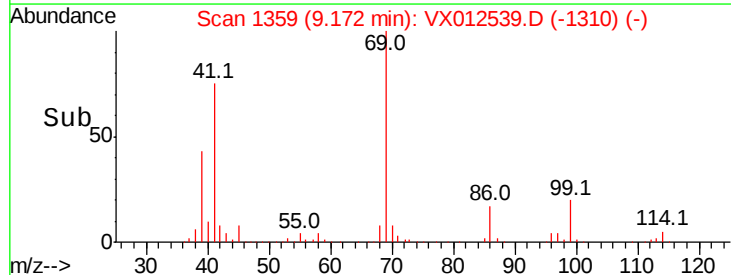
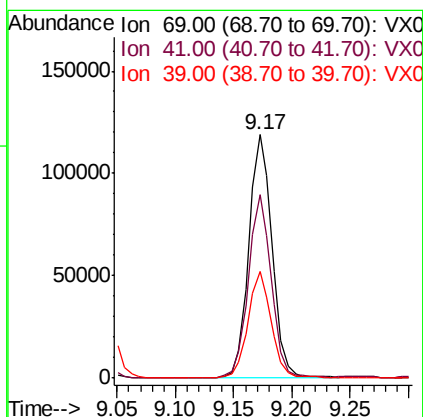
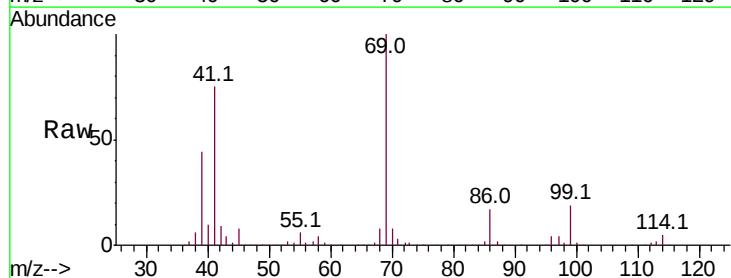
Instrument :
 MSVOA_X
 ClientSampled :
 Z2-0157MS

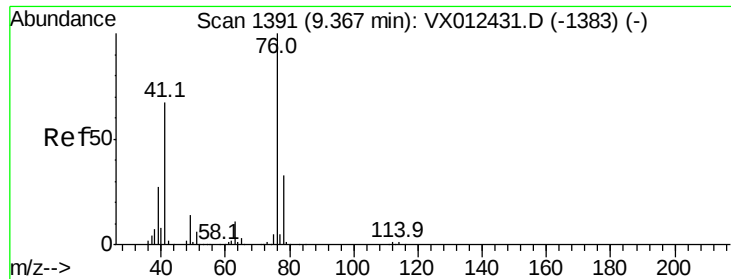
Tot Ion:	97	Resp:	98699
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.4	101.2
85	55.3	43.5	65.3
99	62.4	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 52.700 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Tgt Ion:	69	Resp:	166023
Ion	Ratio	Lower	Upper
69	100		
41	74.4	58.4	87.6
39	42.9	33.4	50.0





#57

1,3-Dichloropropane

Concen: 51.552 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

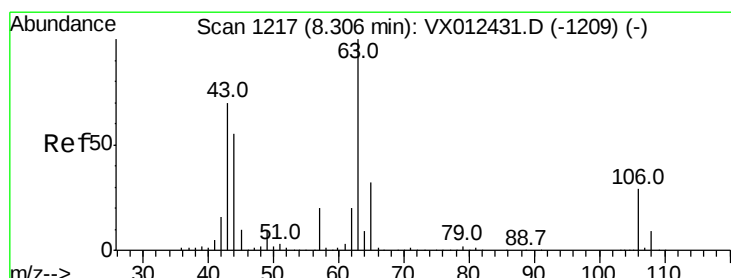
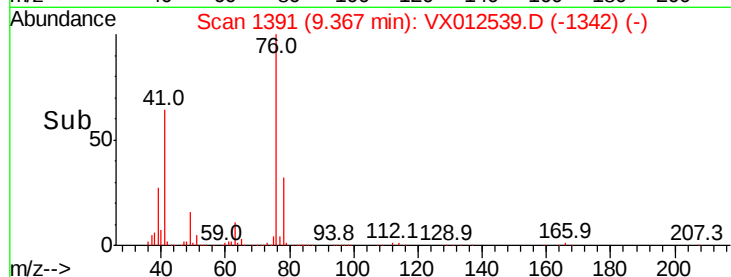
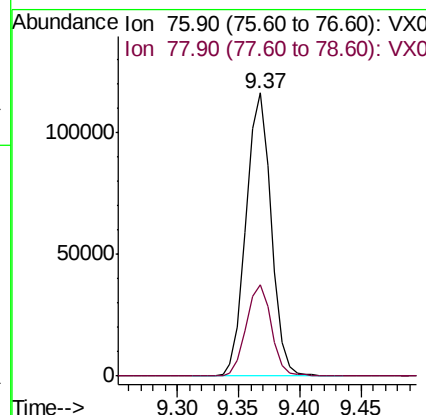
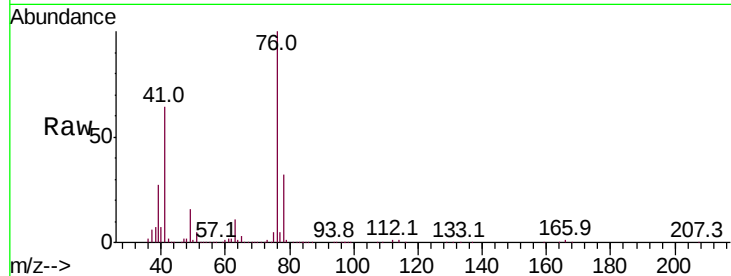
Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :
MSVOA_X
ClientSampled :
Z2-0157MS

Tot Ion: 76 Resp: 165732

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 0.207 ug/l

RT: 8.29 min Scan# 1215

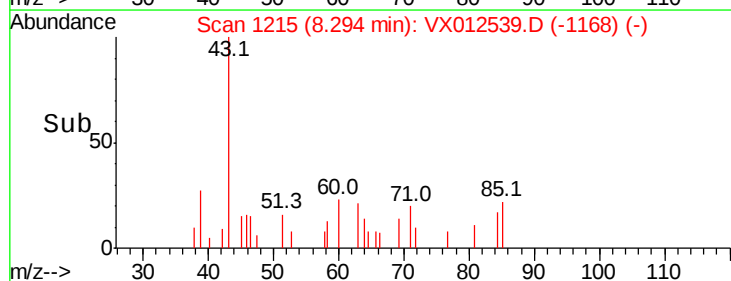
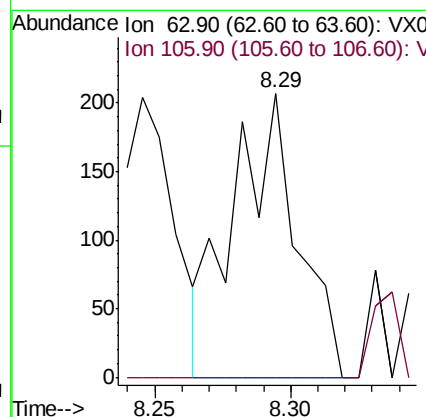
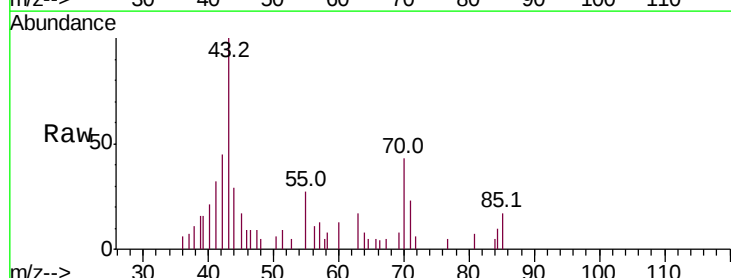
Delta R.T. -0.01 min

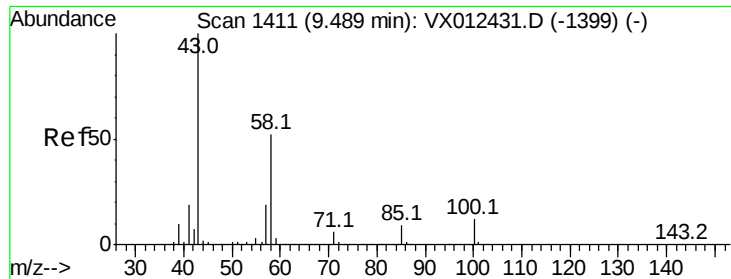
Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Tgt Ion: 63 Resp: 338

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.8	35.6#

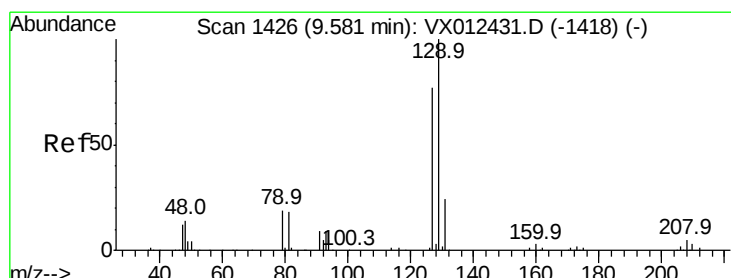
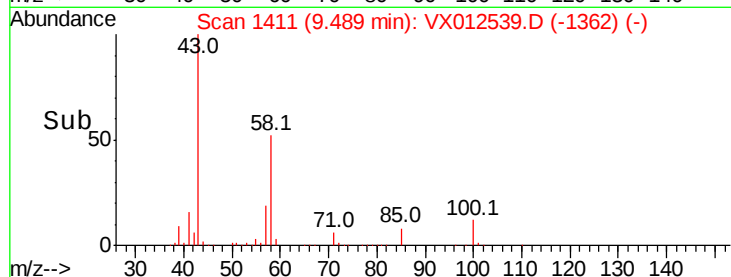
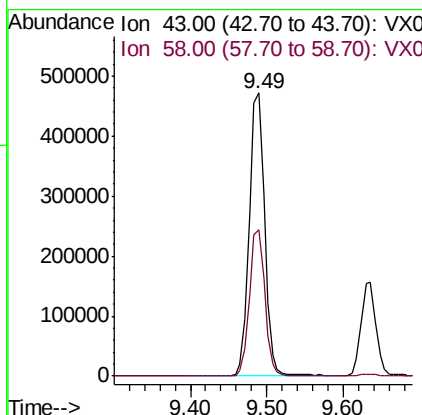
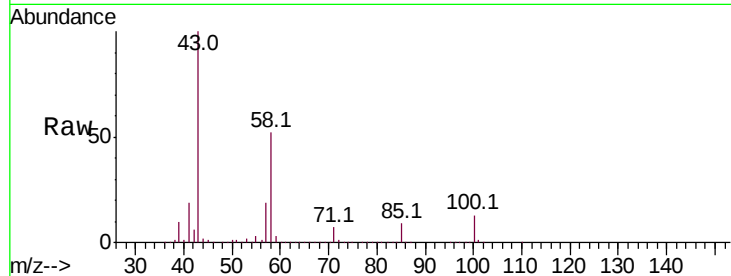




#59
2-Hexanone
Concen: 247.104 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

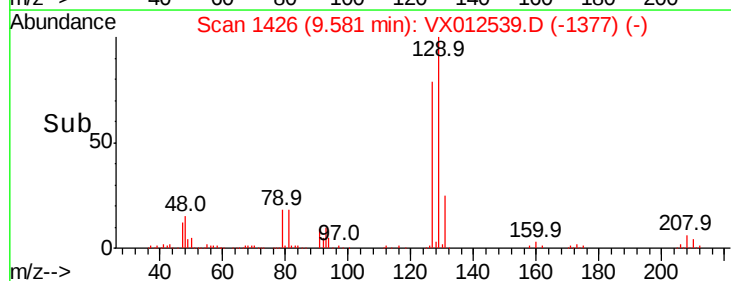
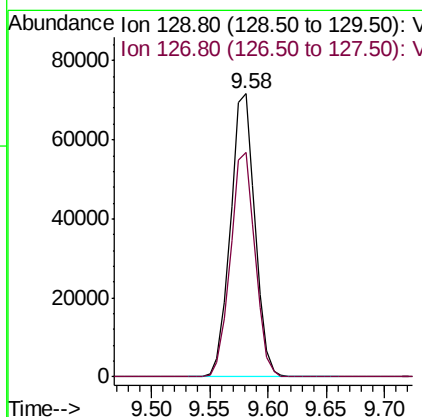
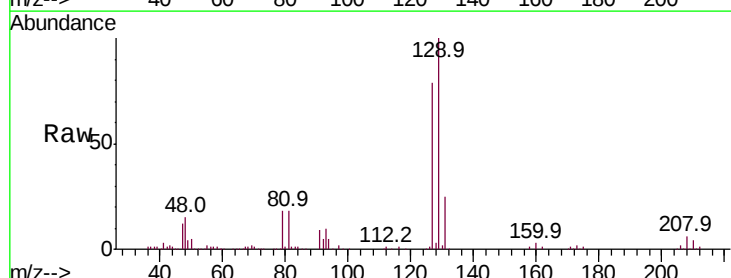
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

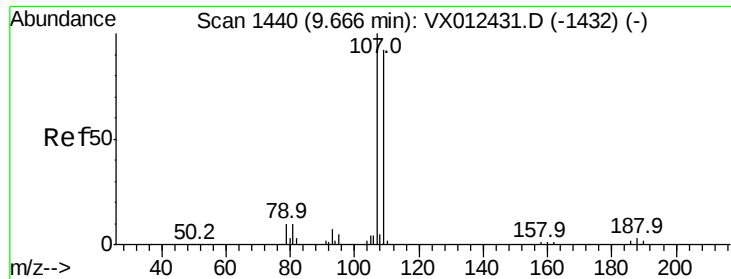
Tot Ion: 43 Resp: 664807
Ion Ratio Lower Upper
43 100
58 51.9 25.7 77.1



#60
Dibromochloromethane
Concen: 51.174 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 129 Resp: 105031
Ion Ratio Lower Upper
129 100
127 79.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.073 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

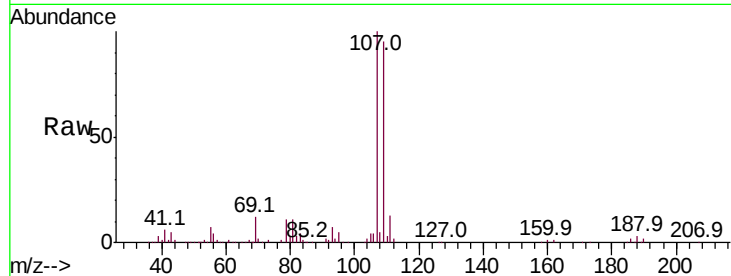
Z2-0157MS

Tot Ion:107 Resp: 95828

Ion Ratio Lower Upper

107 100

109 94.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

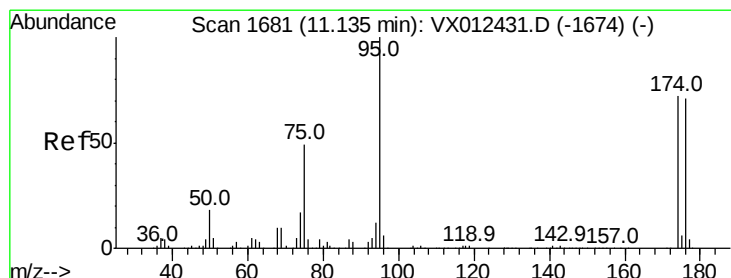
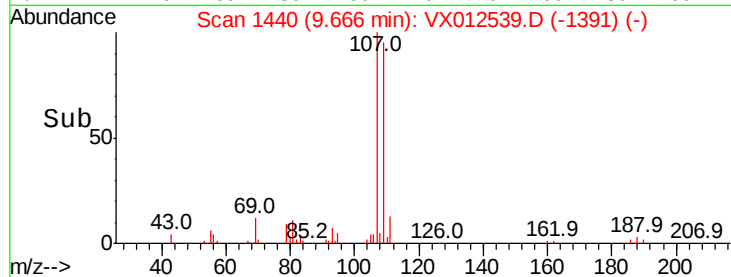
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.027 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

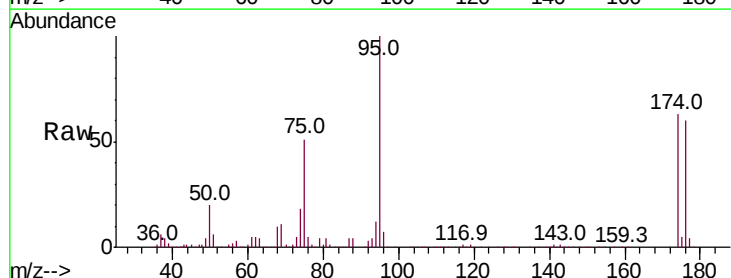
Tgt Ion: 95 Resp: 137382

Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.0

176 67.6 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

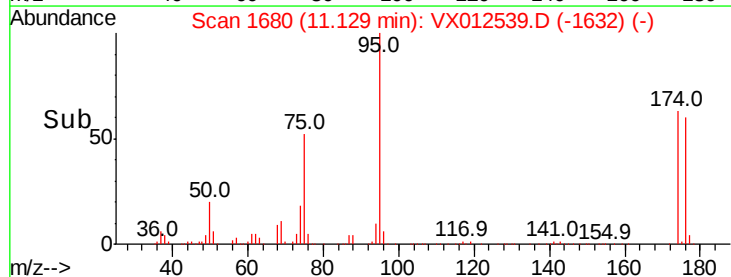
100000

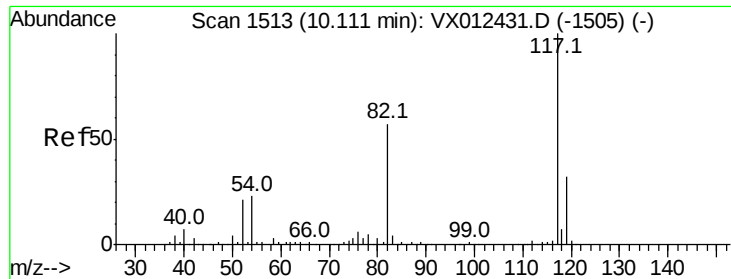
50000

0

11.10 11.20

Time-->

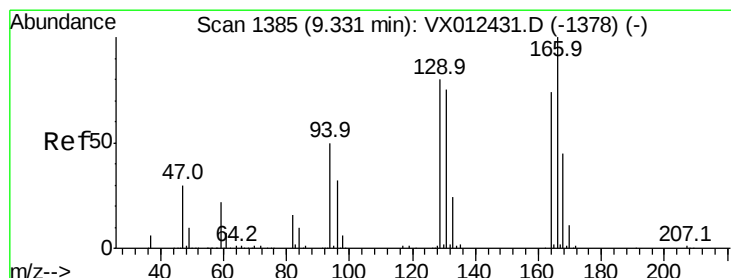
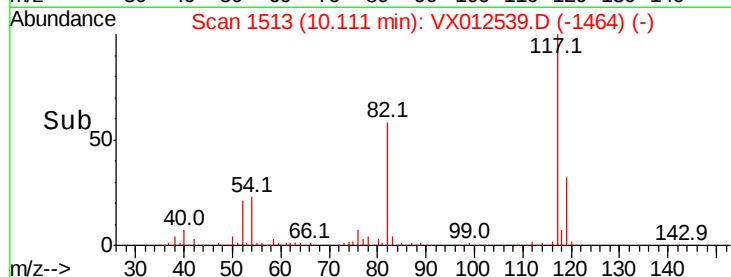
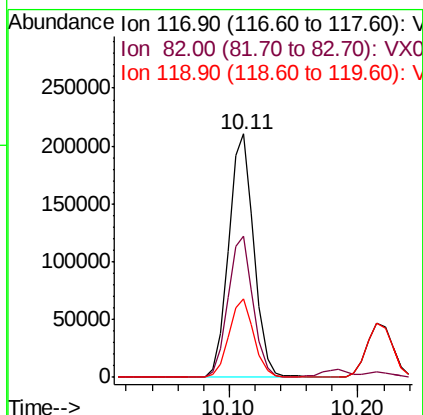
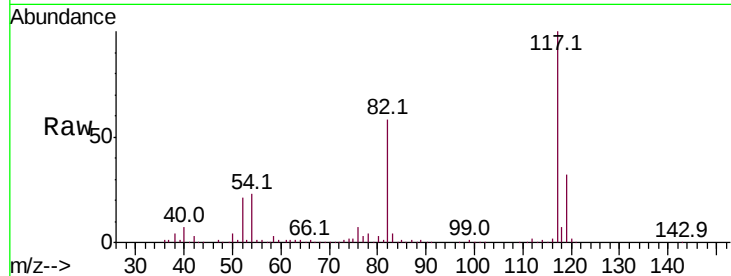




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

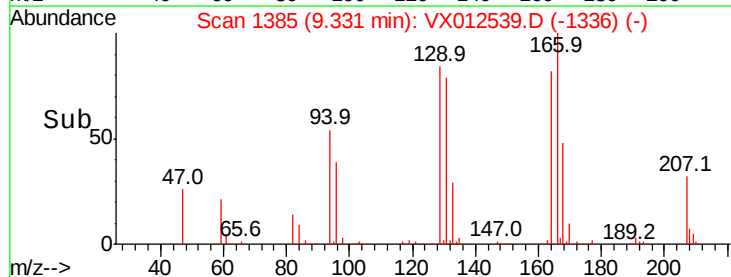
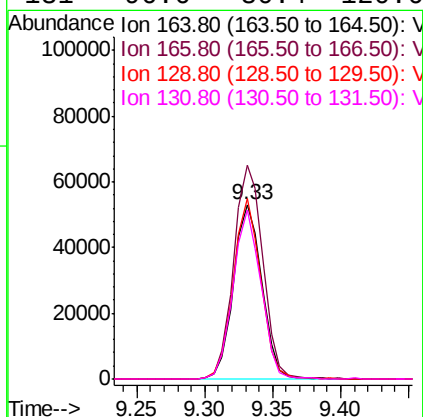
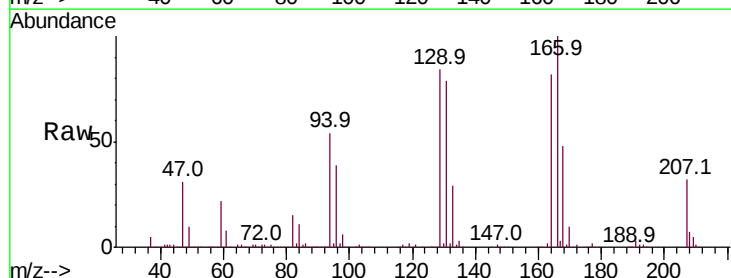
Instrument :
MSVOA_X
ClientSampled :
Z2-0157MS

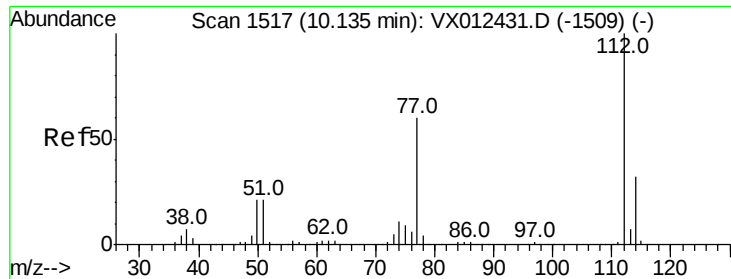
Tot Ion:117 Resp: 287449
Ion Ratio Lower Upper
117 100
82 58.0 45.9 68.9
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 58.454 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion:164 Resp: 76995
Ion Ratio Lower Upper
164 100
166 122.3 107.8 161.6
129 103.2 86.2 129.2
131 96.6 80.4 120.6

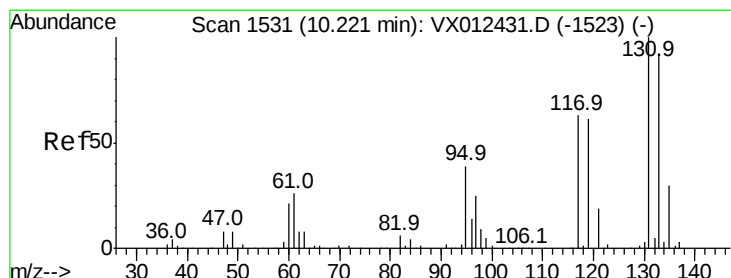
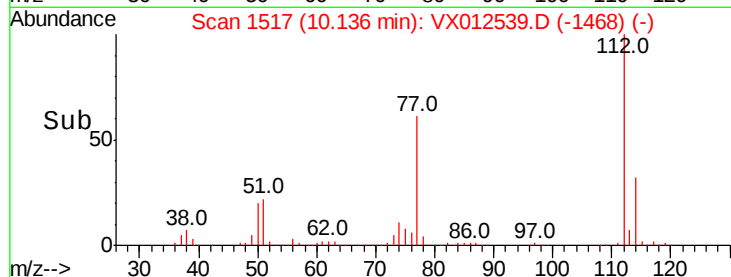
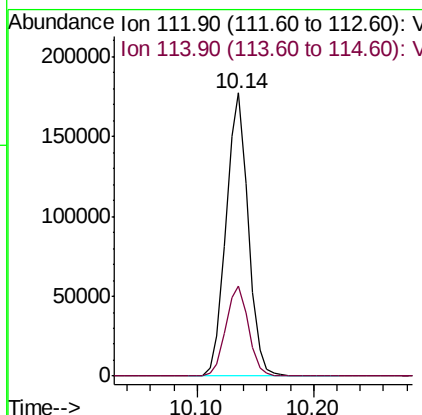
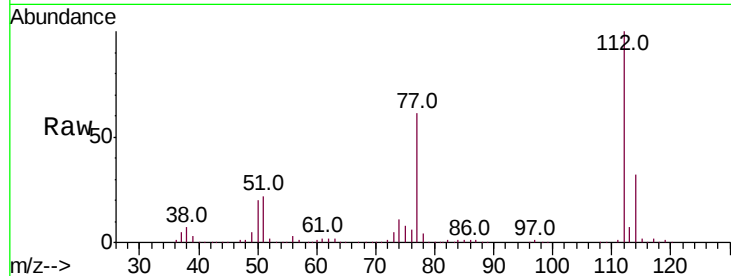




#65
Chlorobenzene
Concen: 49.303 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

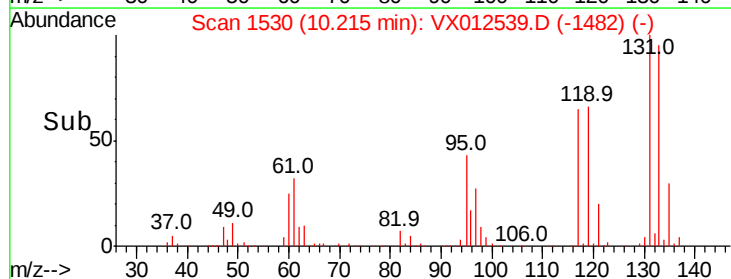
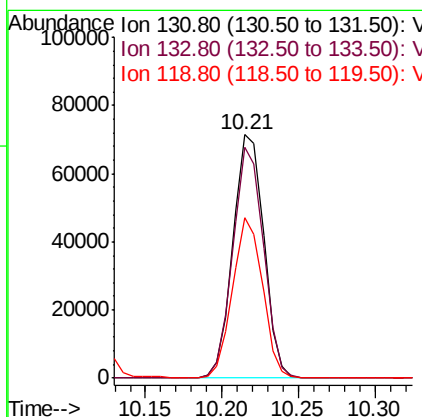
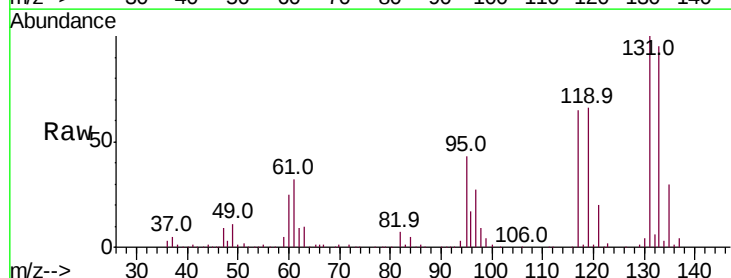
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

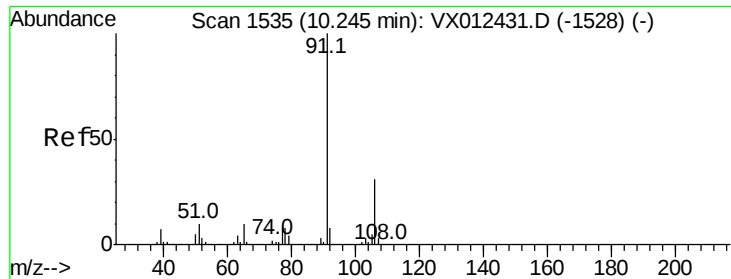
Tot Ion:112 Resp: 233909
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.753 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion:131 Resp: 99934
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 64.5 31.3 93.8

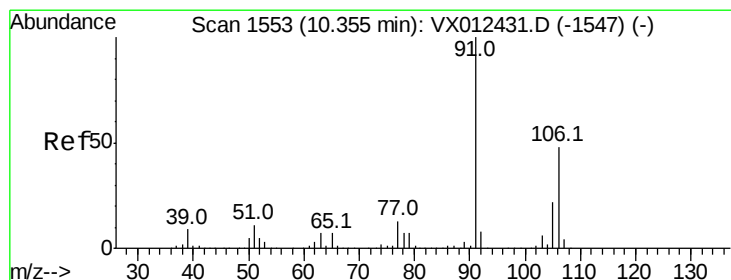
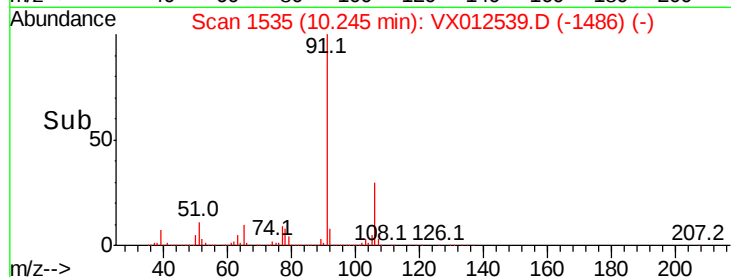
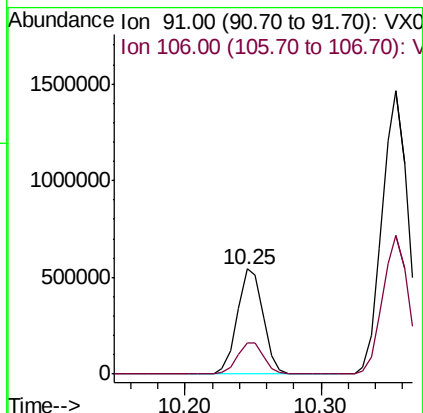
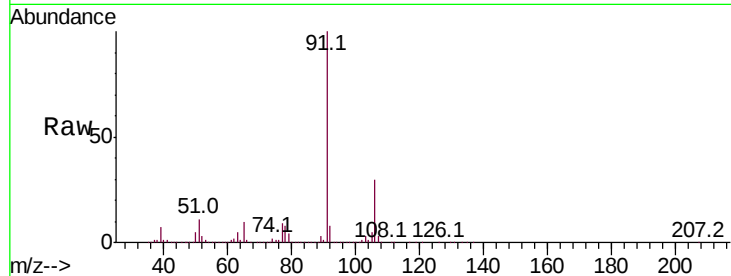




#67
Ethyl Benzene
Concen: 88.542 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

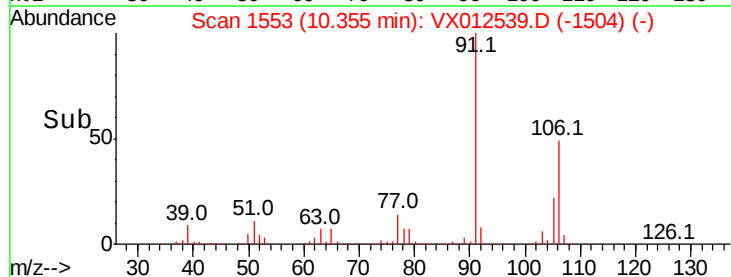
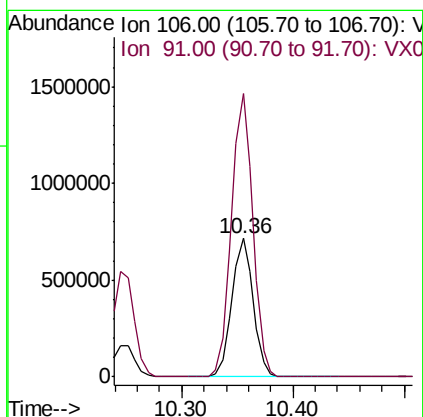
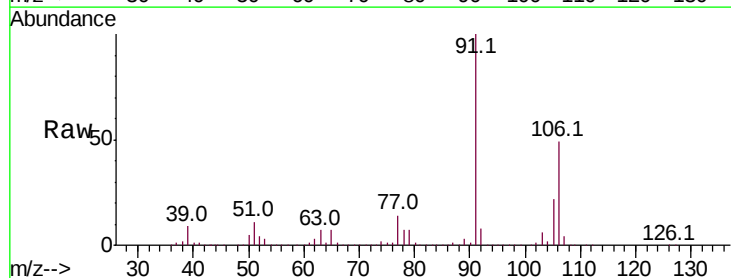
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

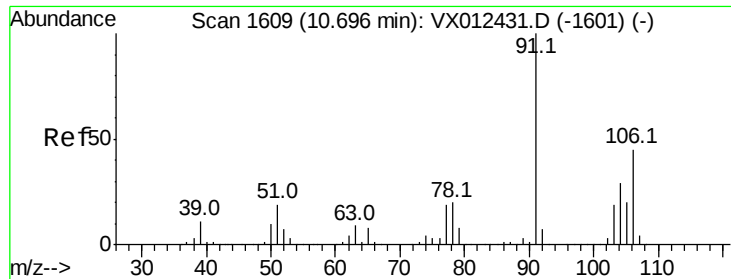
Tot Ion: 91 Resp: 721712
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0



#68
m/p-Xylenes
Concen: 317.538 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 106 Resp: 941741
Ion Ratio Lower Upper
106 100
91 207.0 166.6 250.0

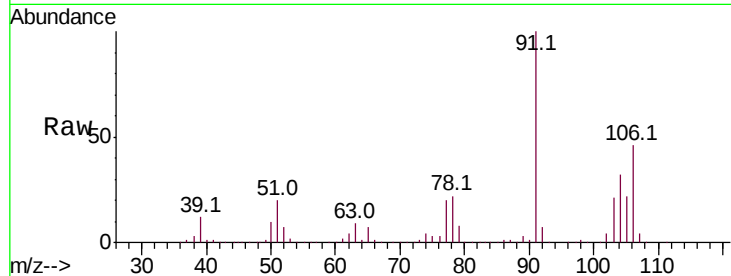




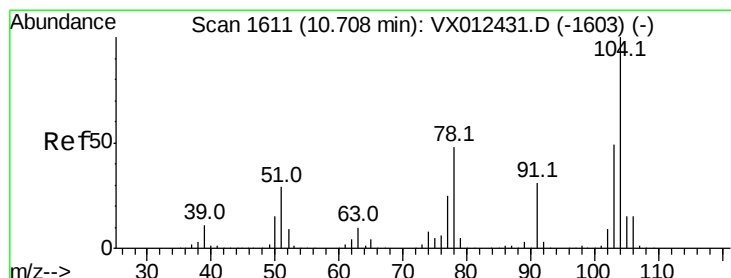
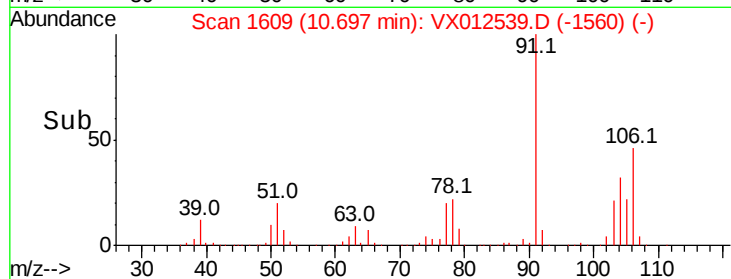
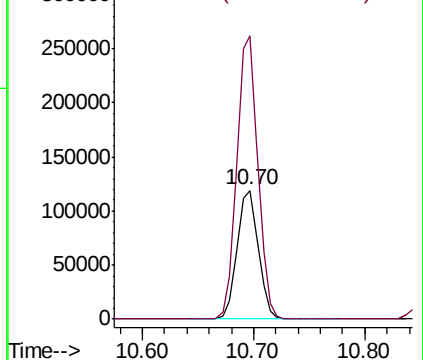
#69
o-Xylene
Concen: 51.369 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

Tot Ion:106 Resp: 156676
Ion Ratio Lower Upper
106 100
91 217.6 109.4 328.2

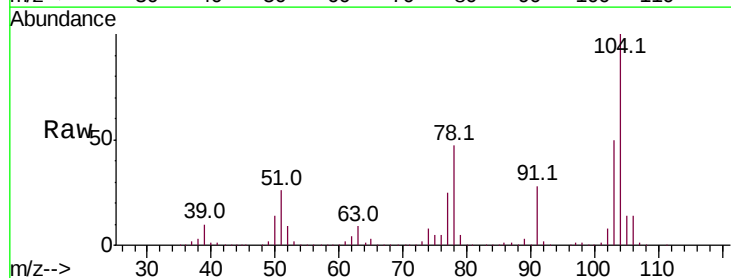


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

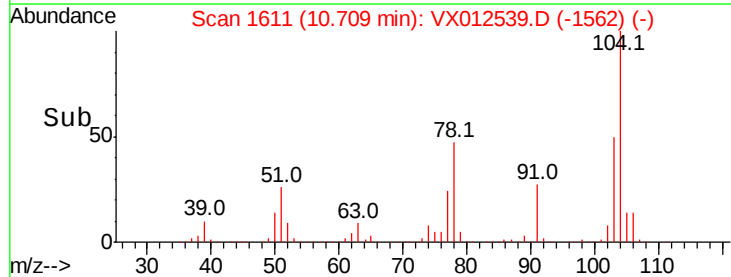
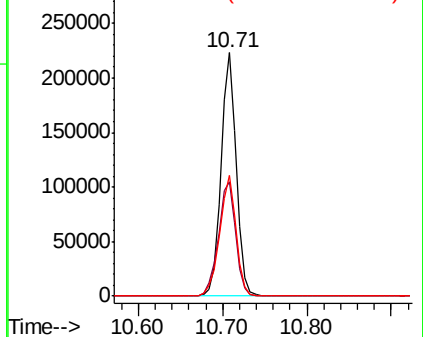


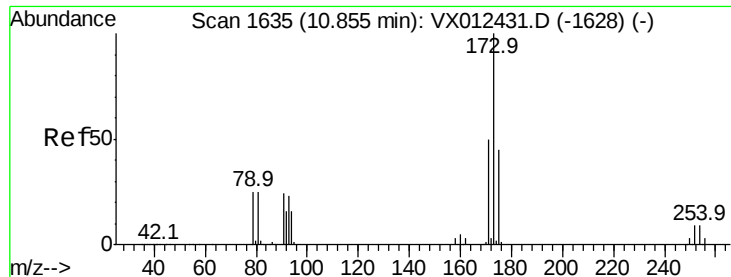
#70
Styrene
Concen: 51.631 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion:104 Resp: 278623
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.2
103 53.4 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: 45.071 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

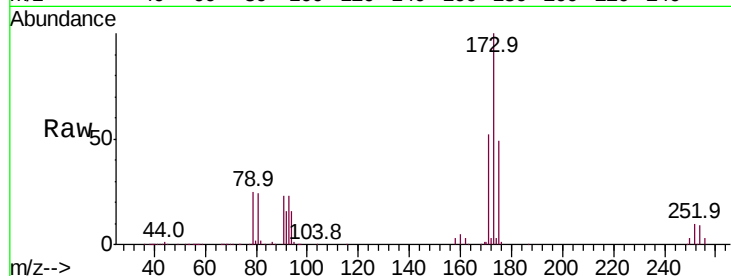
Tot Ion:173 Resp: 75902

Ion Ratio Lower Upper

173 100

175 47.3 23.7 71.1

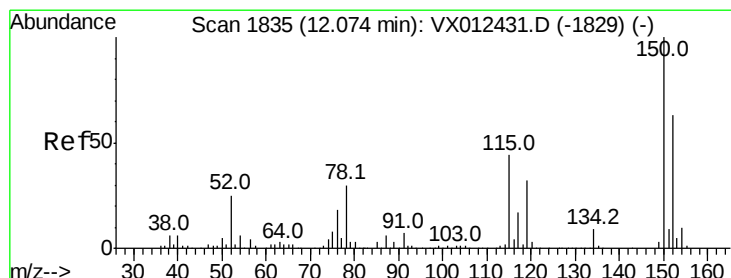
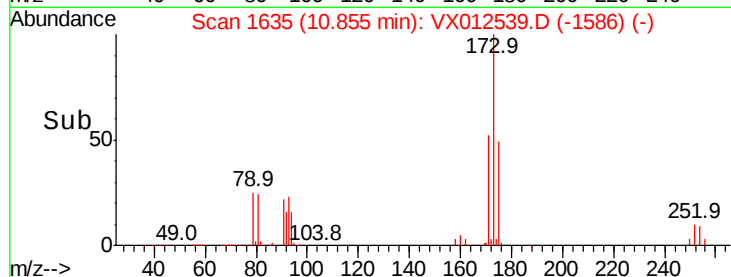
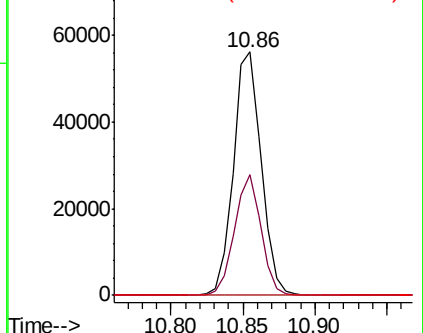
254 0.2 0.1 0.1#



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: VX012539.D

Acq: 19 Sep 2019 19:27

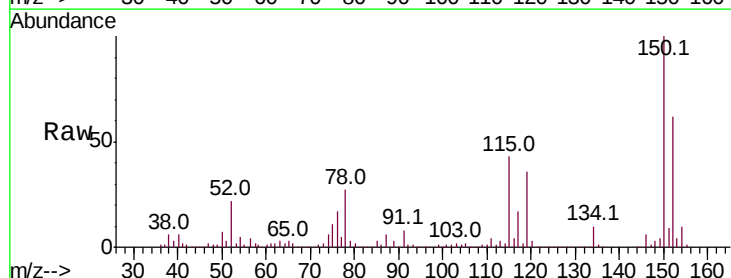
Tgt Ion:152 Resp: 137313

Ion Ratio Lower Upper

152 100

115 85.5 44.1 132.3

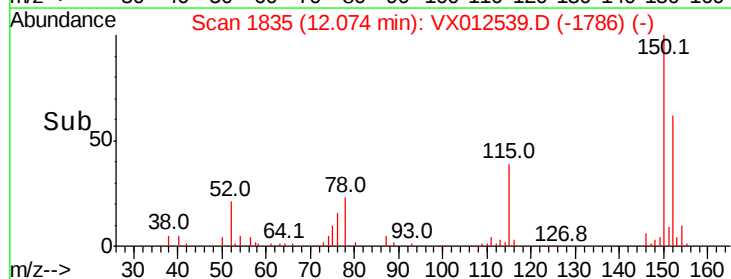
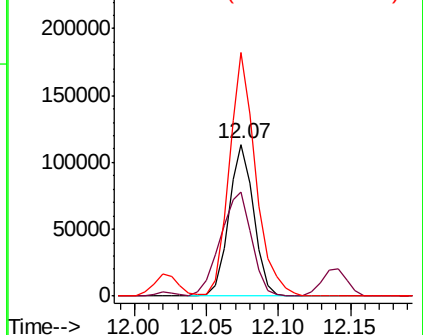
150 170.5 0.0 343.8

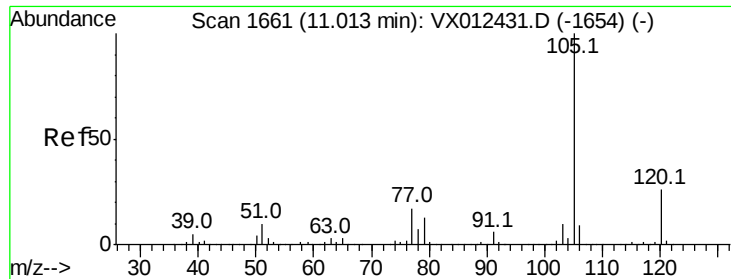


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

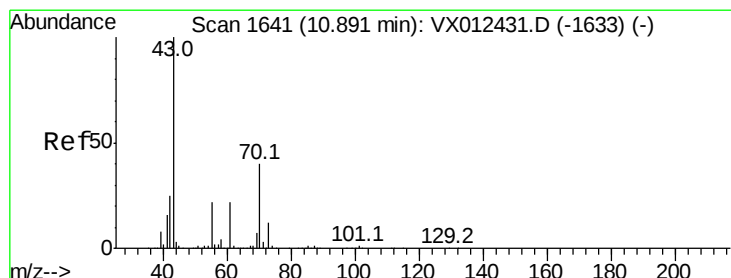
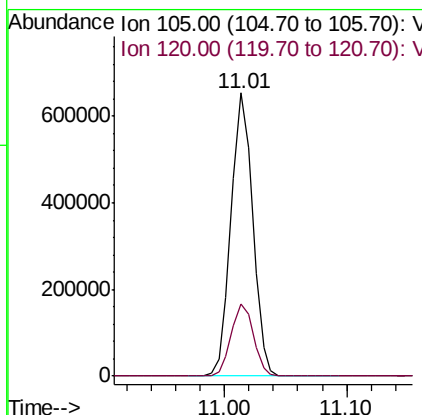
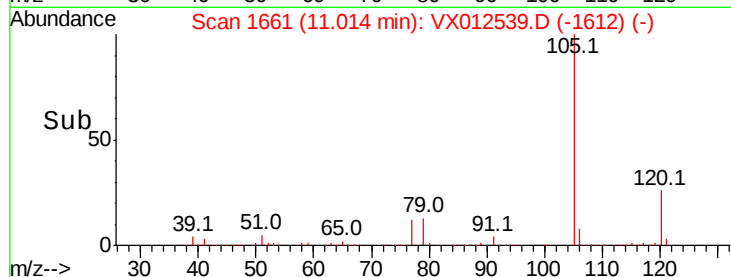
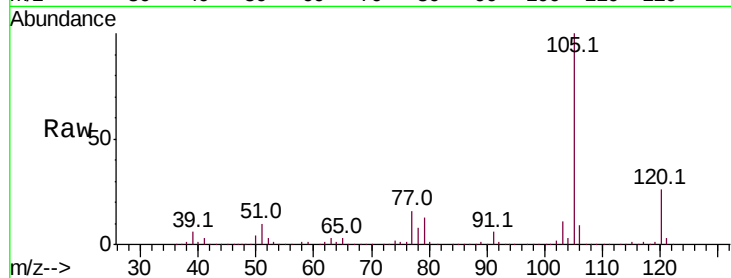




#73
Isopropylbenzene
Concen: 92.814 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

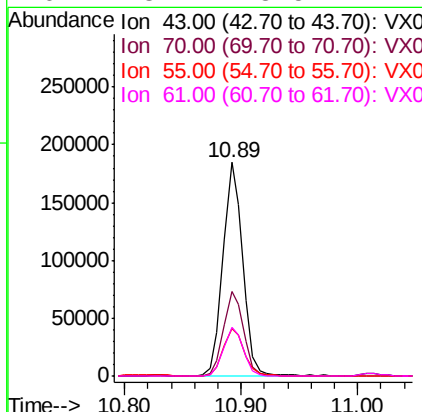
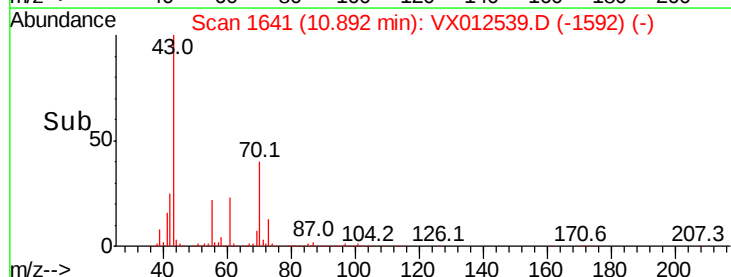
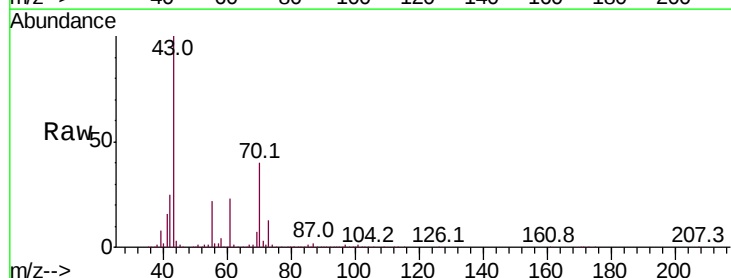
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

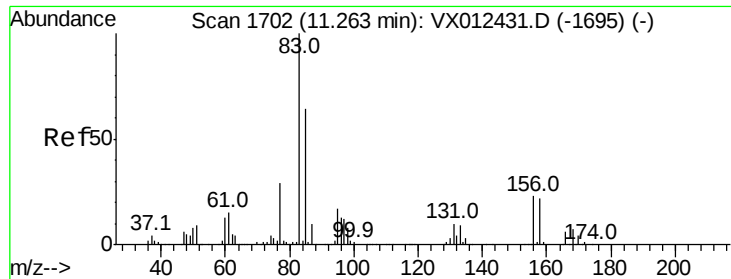
Tot Ion:105 Resp: 799646
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 46.441 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 43 Resp: 215418
Ion Ratio Lower Upper
43 100
70 40.6 32.4 48.6
55 23.9 18.2 27.4
61 23.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.686 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

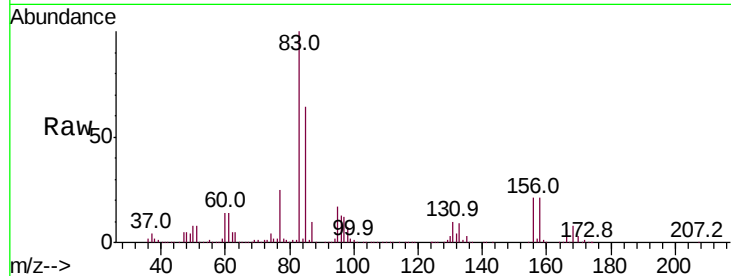
Tot Ion: 83 Resp: 167924

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

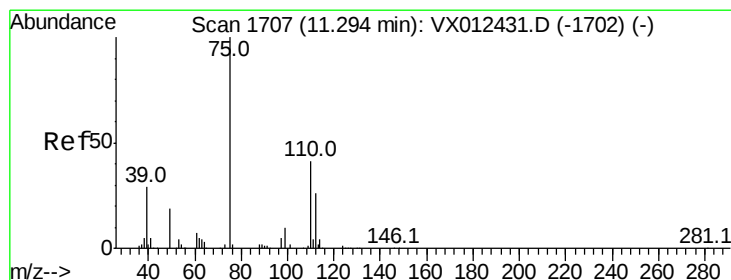
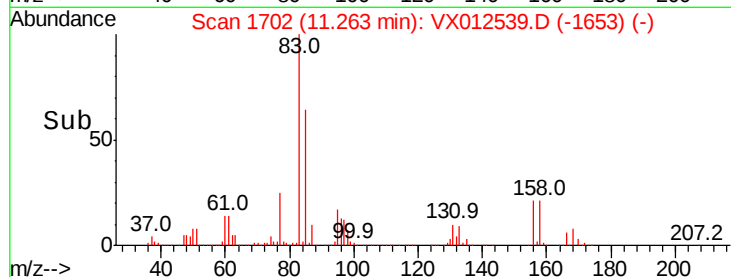
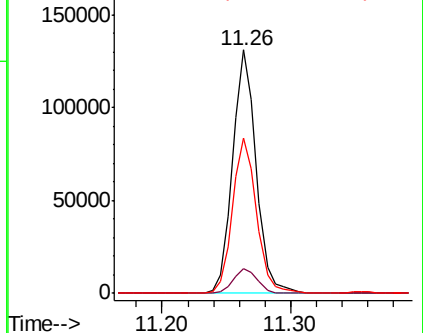
85 65.0 32.0 96.0



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: 61.271 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012539.D

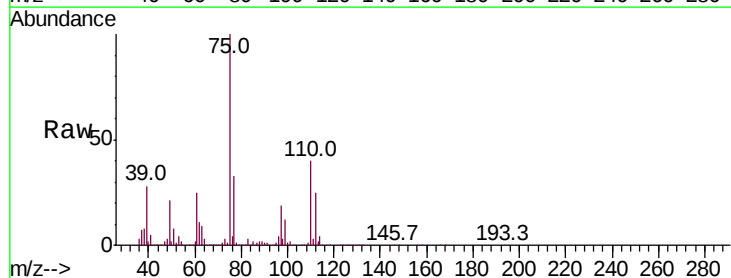
Acq: 19 Sep 2019 19:27

Tgt Ion: 75 Resp: 193259

Ion Ratio Lower Upper

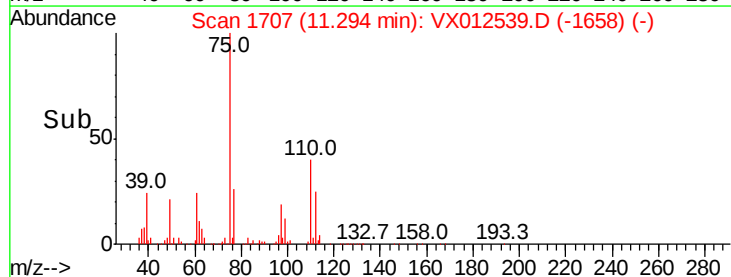
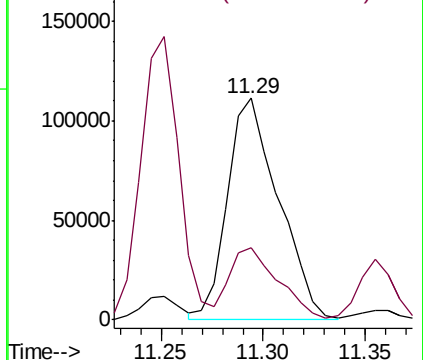
75 100

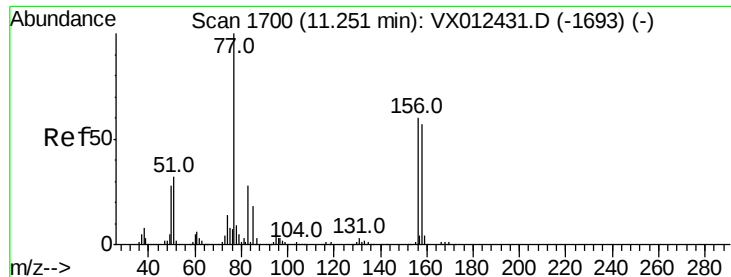
77 31.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.616 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

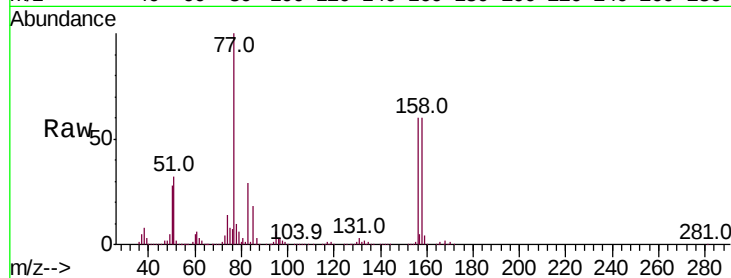
Tot Ion:156 Resp: 106354

Ion Ratio Lower Upper

156 100

77 174.5 87.3 261.8

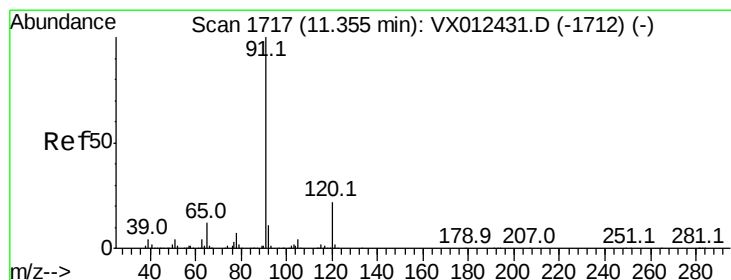
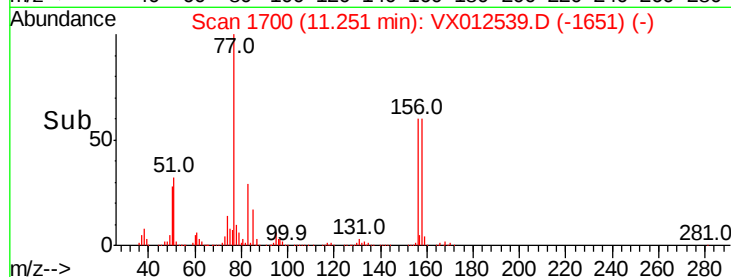
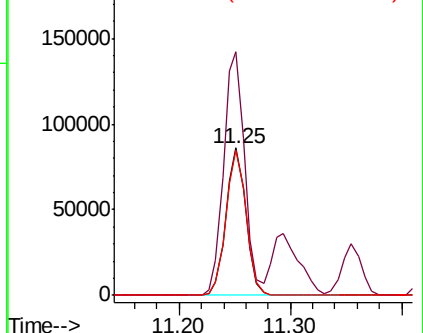
158 99.4 48.5 145.6



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: 88.742 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012539.D

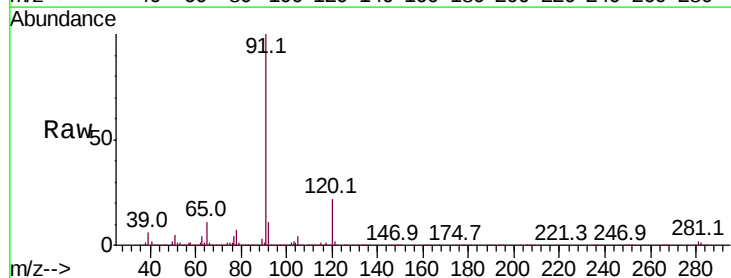
Acq: 19 Sep 2019 19:27

Tgt Ion: 91 Resp: 852135

Ion Ratio Lower Upper

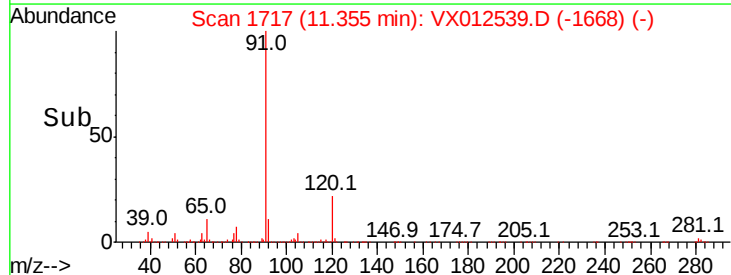
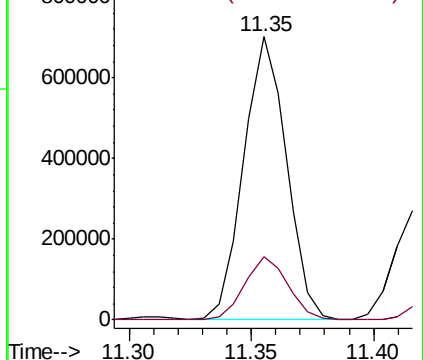
91 100

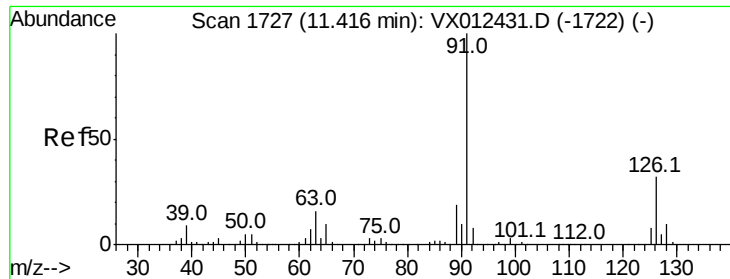
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

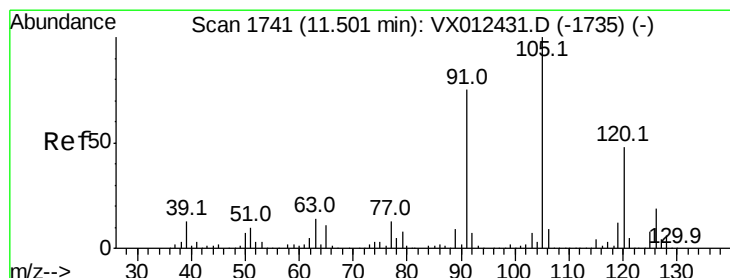
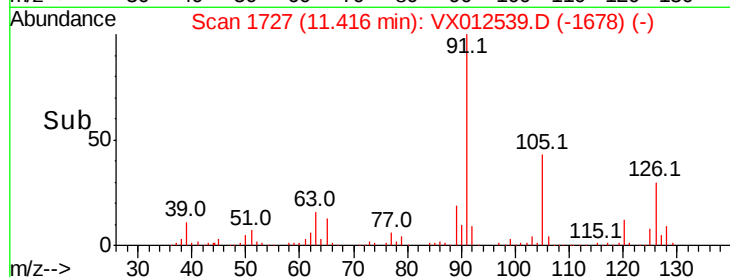
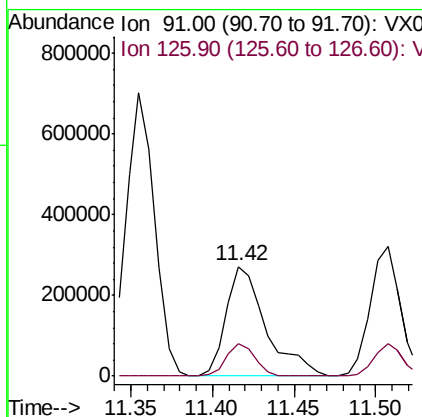
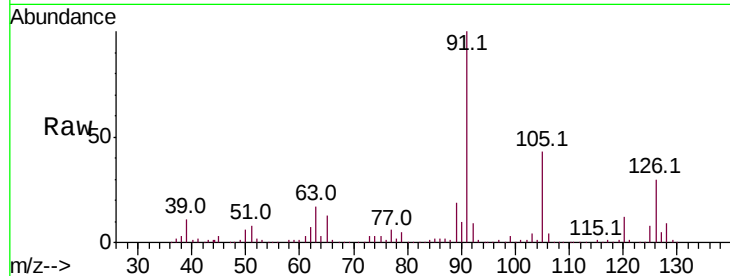




#79
 2-Chlorotoluene
 Concen: 72.949 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

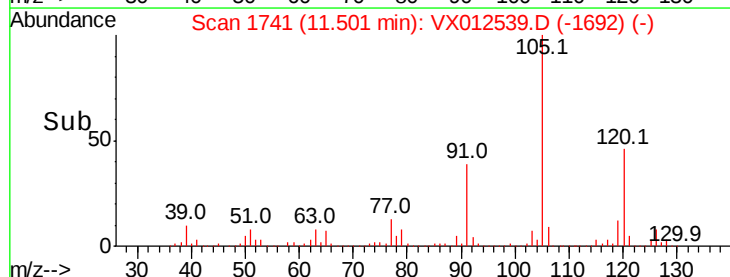
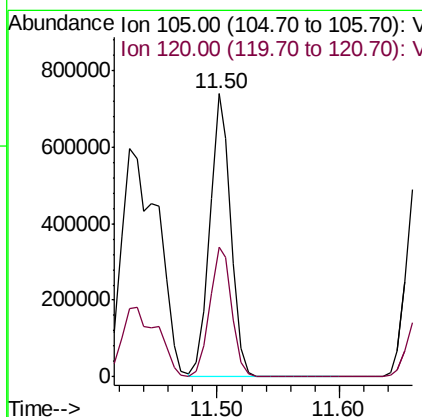
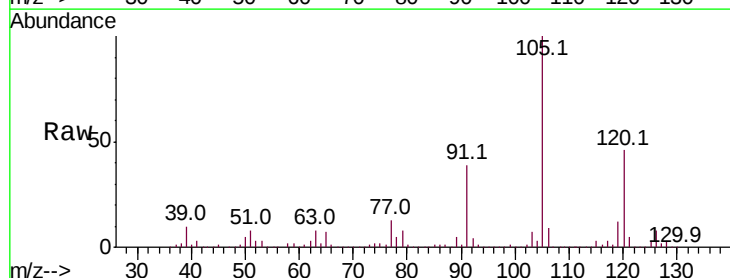
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MS

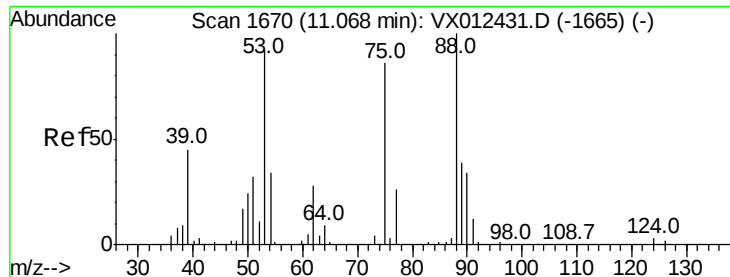
Tot Ion: 91 Resp: 455708
 Ion Ratio Lower Upper
 91 100
 126 22.0 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 120.701 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Tgt Ion: 105 Resp: 886873
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.858 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

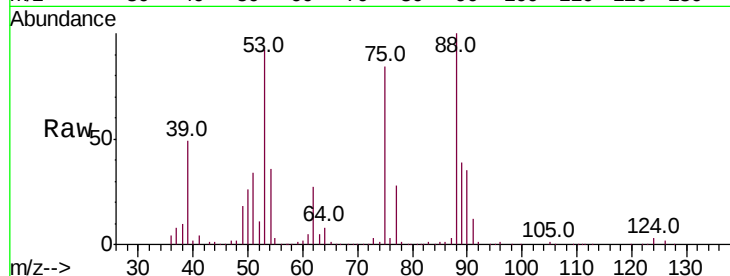
Tot Ion: 75 Resp: 48699

Ion Ratio Lower Upper

75 100

53 107.9 83.6 125.4

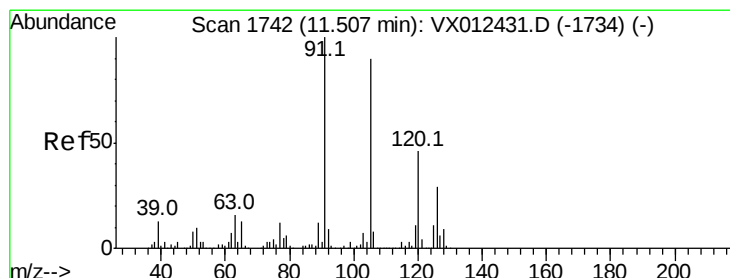
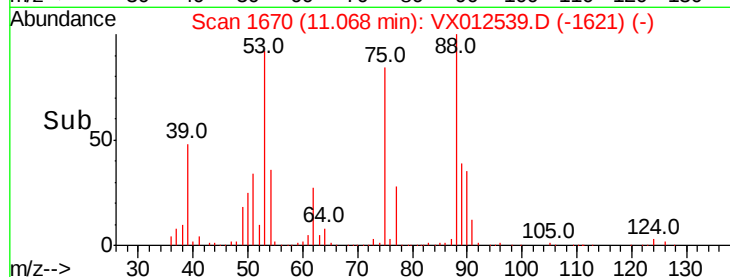
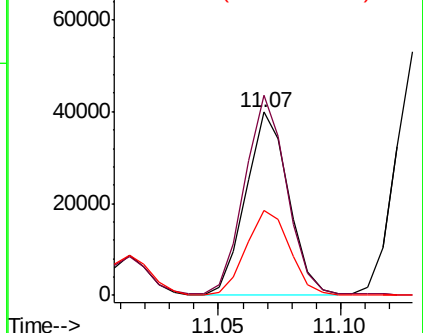
89 47.9 36.3 54.5



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: 57.375 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012539.D

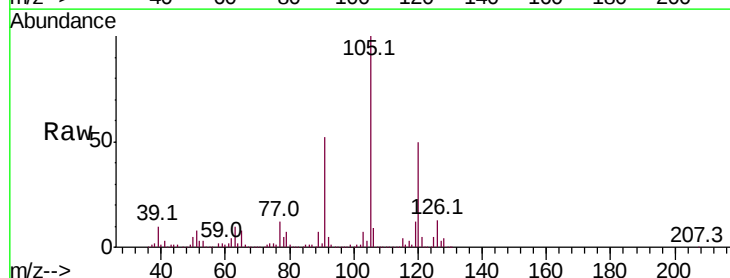
Acq: 19 Sep 2019 19:27

Tgt Ion: 91 Resp: 411356

Ion Ratio Lower Upper

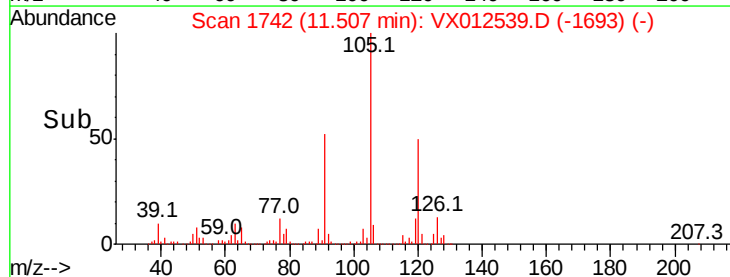
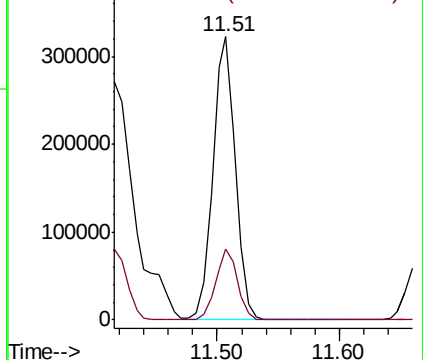
91 100

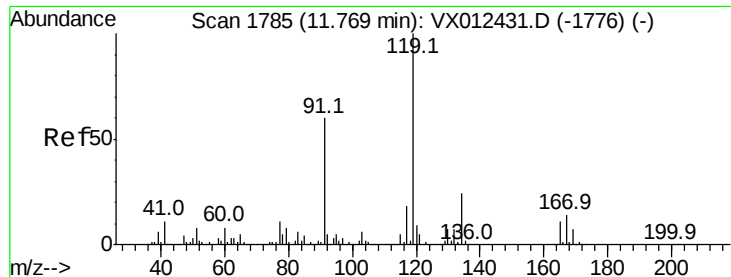
126 24.3 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

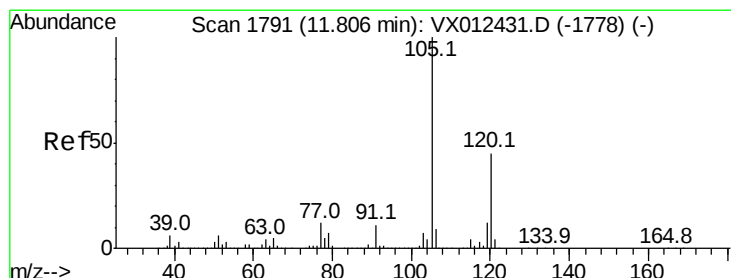
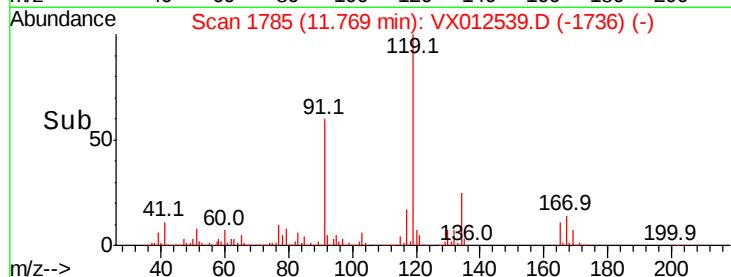
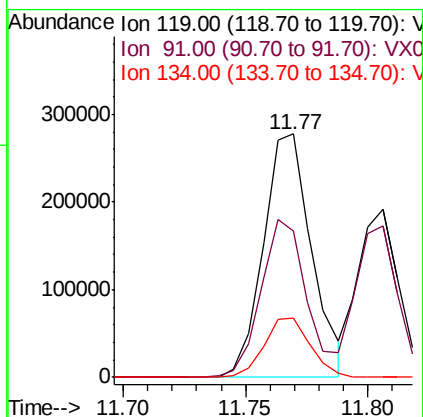
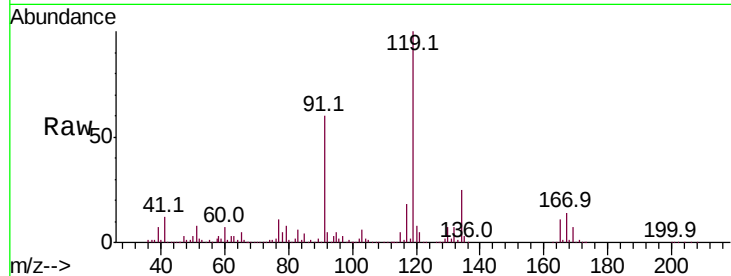




#83
tert-Butylbenzene
Concen: 48.812 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

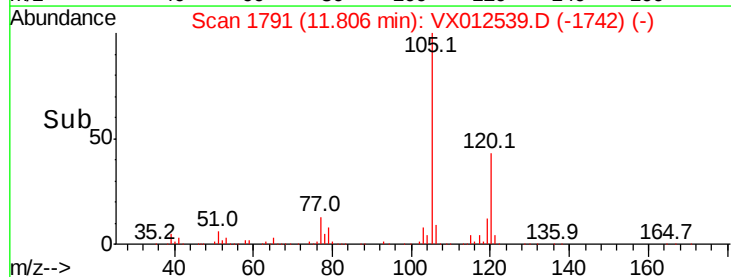
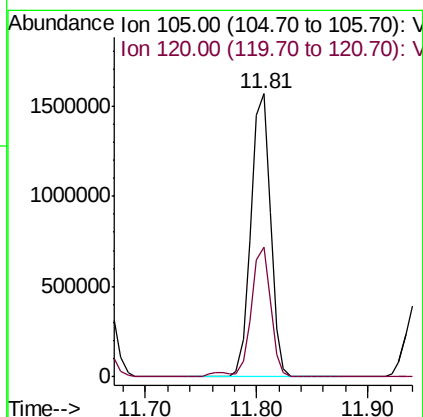
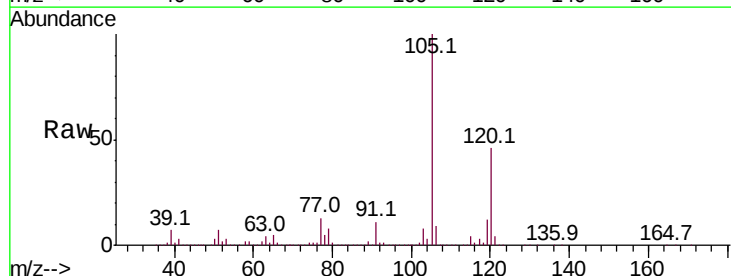
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

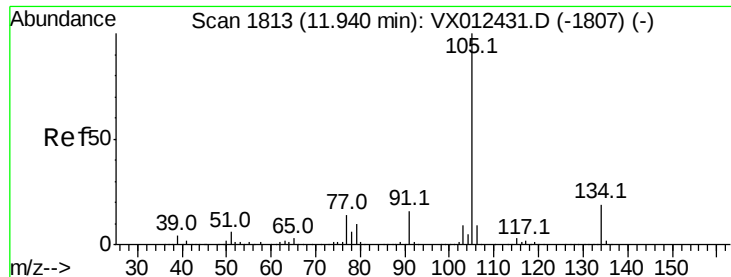
Tot Ion:119 Resp: 384318
Ion Ratio Lower Upper
119 100
91 62.2 30.0 90.0
134 23.4 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 253.886 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion:105 Resp: 1915422
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 54.083 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

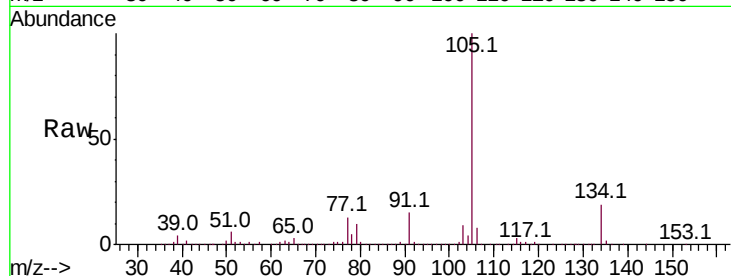
Z2-0157MS

Tot Ion:105 Resp: 469215

Ion Ratio Lower Upper

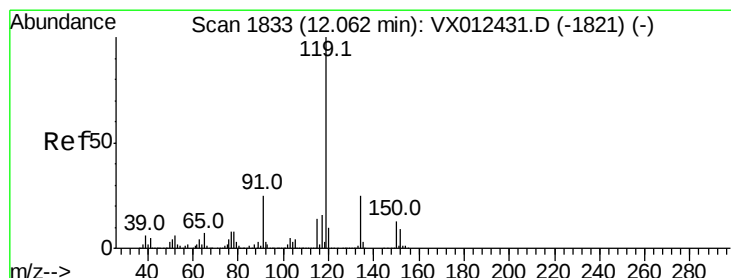
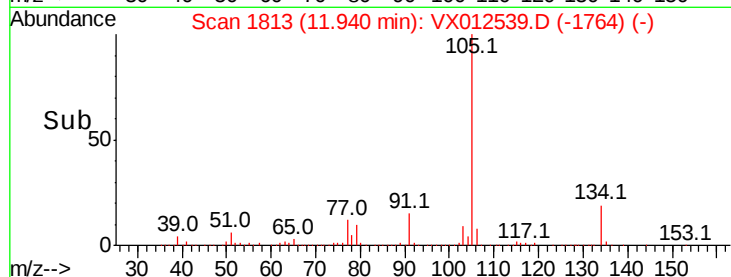
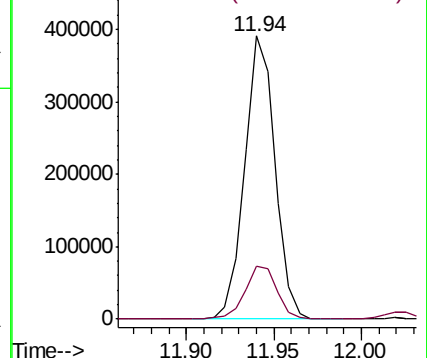
105 100

134 20.0 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: 53.262 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

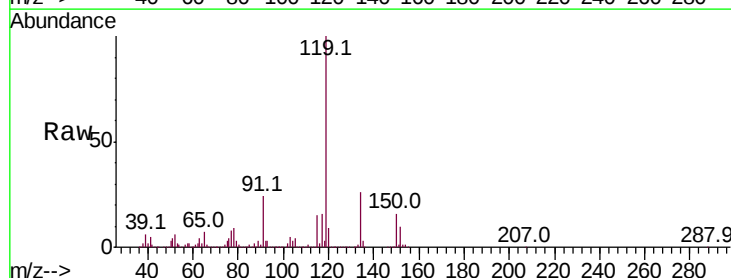
Tgt Ion:119 Resp: 424318

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

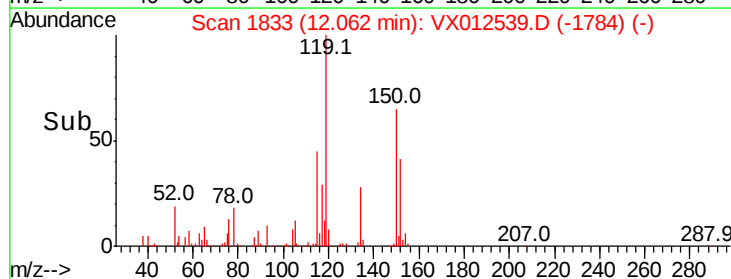
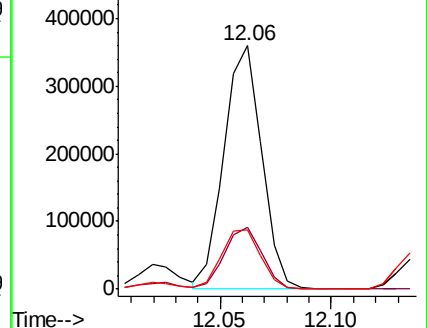
91 25.5 12.8 38.4

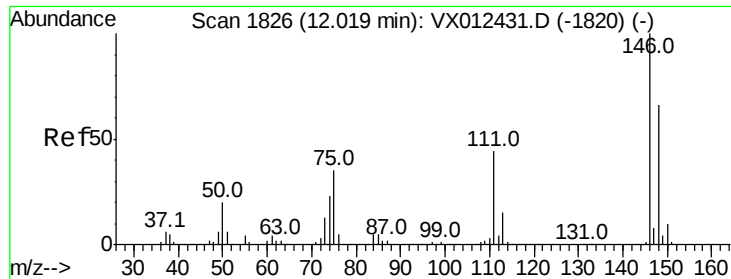


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

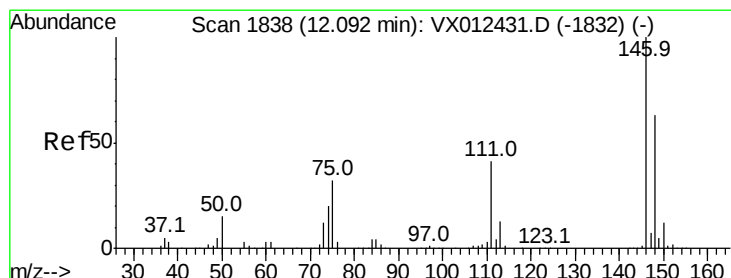
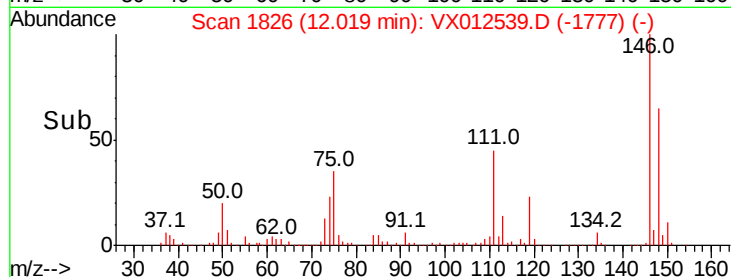
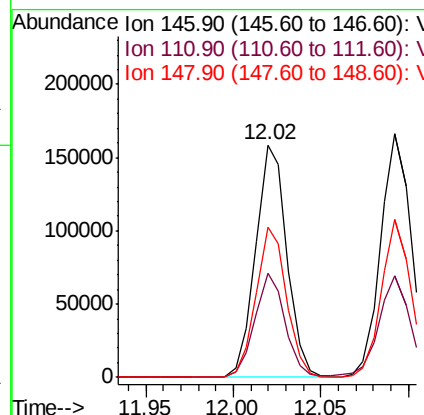
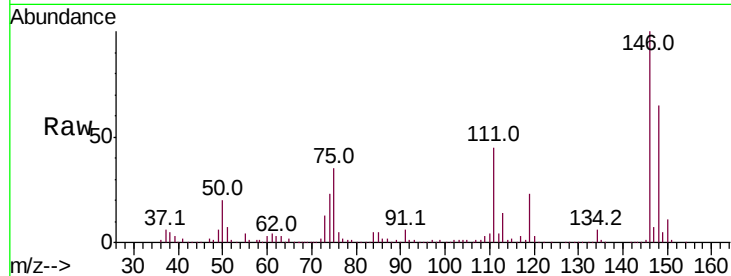




#87
 1,3-Dichlorobenzene
 Concen: 49.881 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

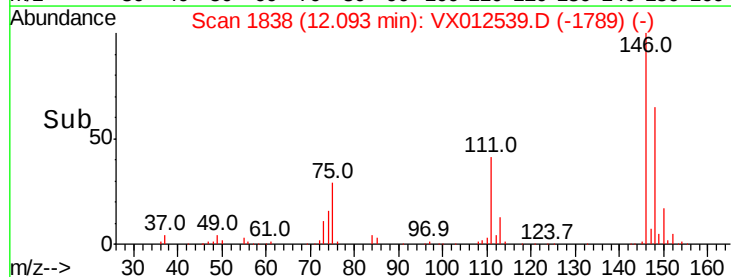
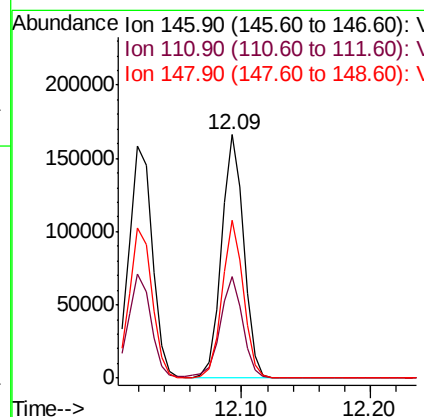
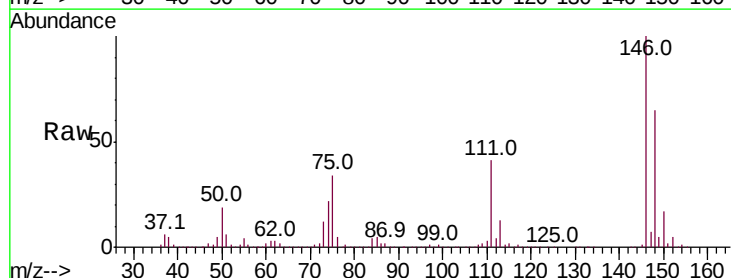
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MS

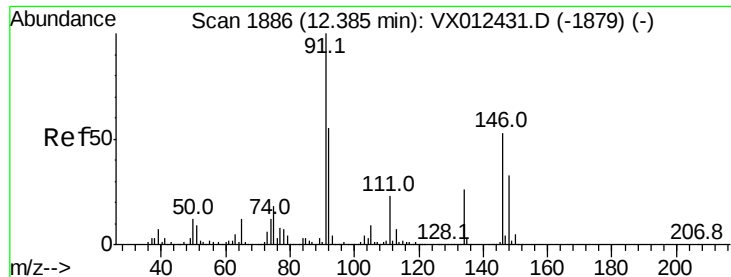
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.3	64.0
148	63.0	32.4	97.2



#88
 1,4-Dichlorobenzene
 Concen: 49.745 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.3
148	62.5	32.1	96.5

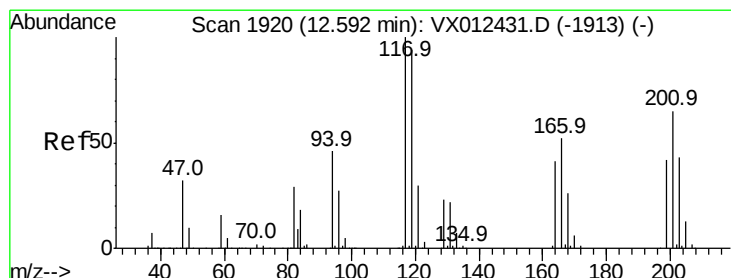
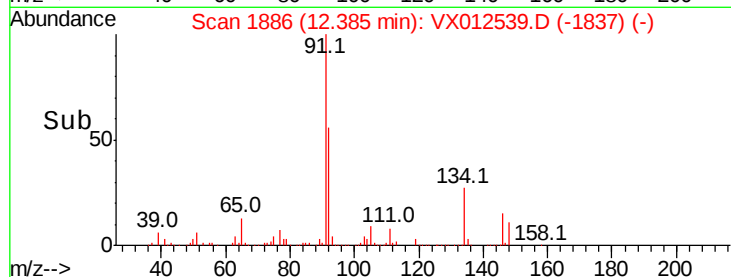
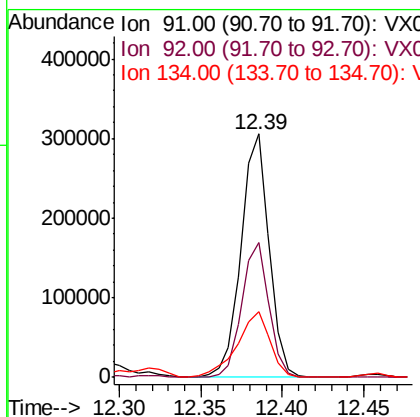
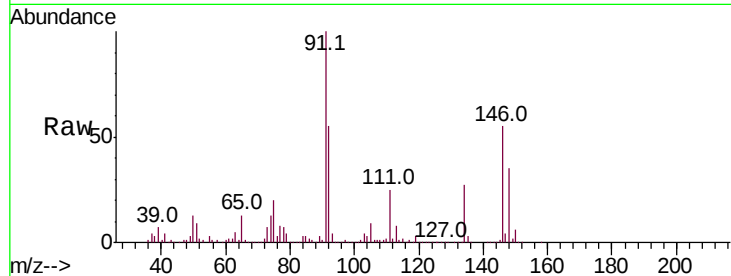




#89
n-Butylbenzene
Concen: 51.502 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

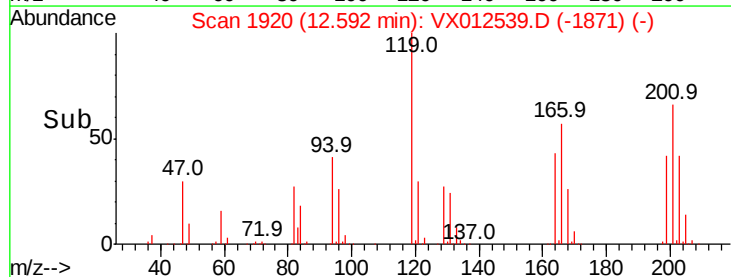
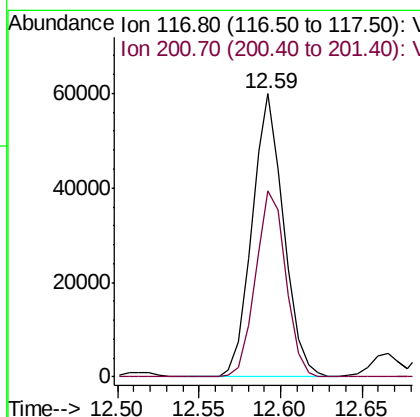
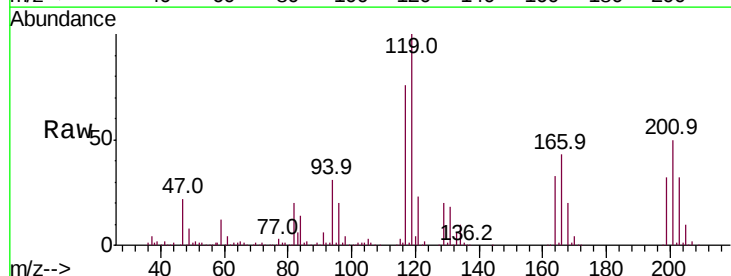
Instrument :
MSVOA_X
ClientSampled :
Z2-0157MS

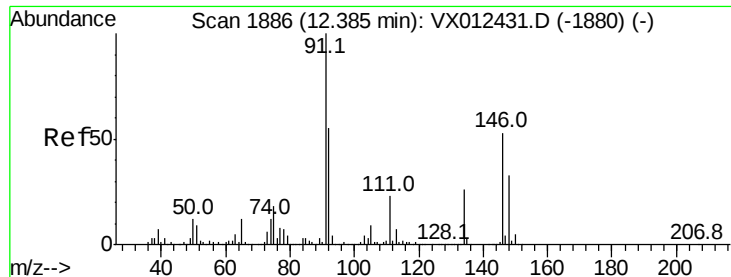
Tot Ion: 91 Resp: 366083
Ion Ratio Lower Upper
91 100
92 53.4 27.7 83.0
134 31.5 12.9 38.6



#90
Hexachloroethane
Concen: 55.173 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion: 117 Resp: 80595
Ion Ratio Lower Upper
117 100
201 62.6 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 50.363 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MS

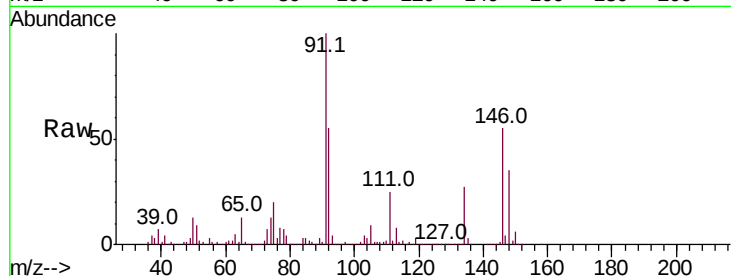
Tot Ion:146 Resp: 208054

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

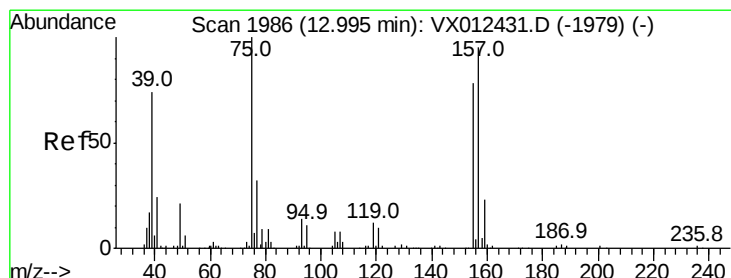
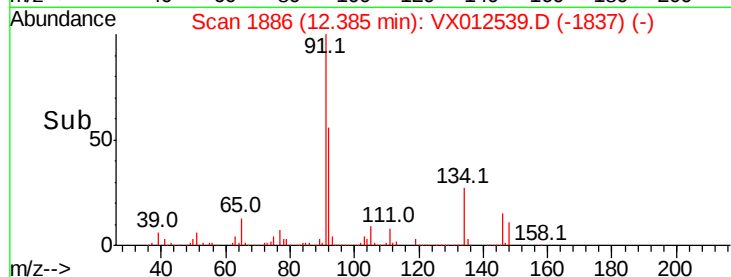
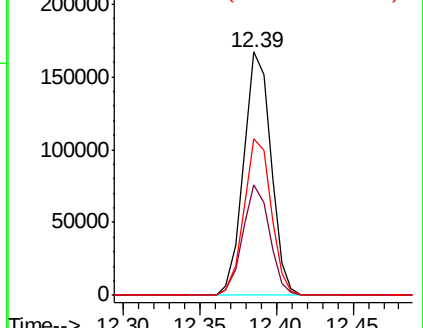
148 64.2 31.3 93.9



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: 53.139 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012539.D

Acq: 19 Sep 2019 19:27

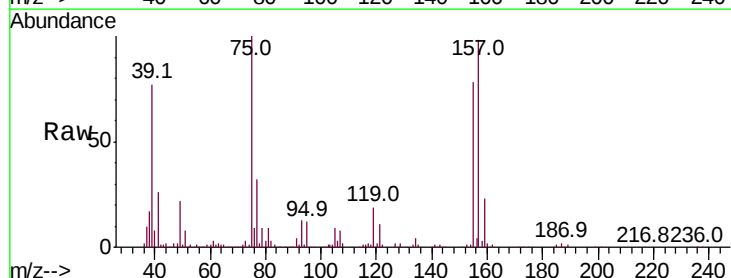
Tgt Ion: 75 Resp: 46560

Ion Ratio Lower Upper

75 100

155 76.7 38.6 115.8

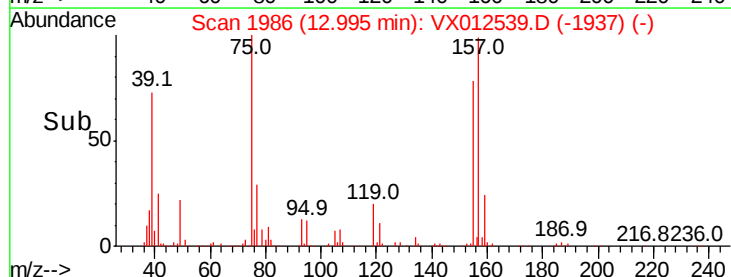
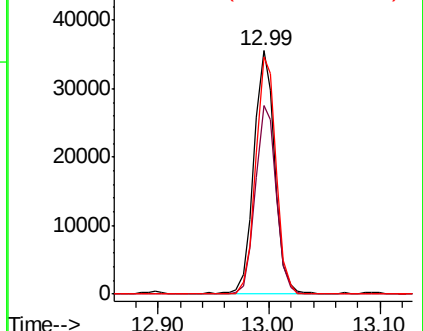
157 94.6 50.6 151.9

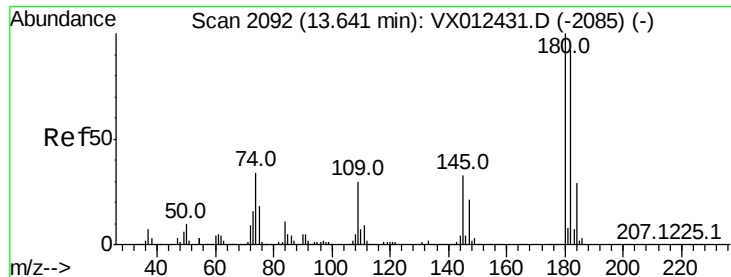


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

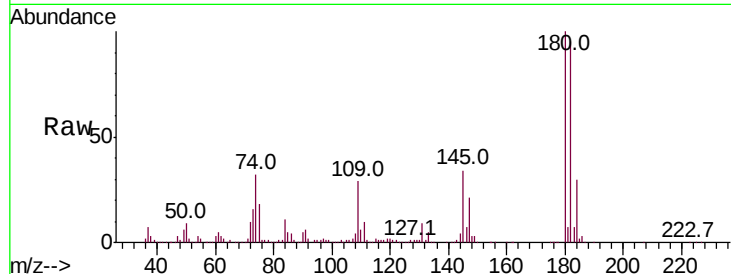




#93
 1,2,4-Trichlorobenzene
 Concen: 51.997 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.0	141.0
145	35.2	16.8	50.4

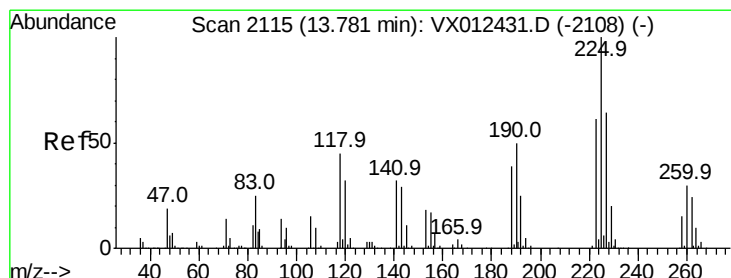
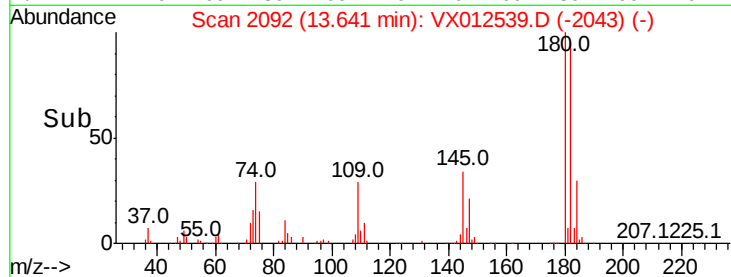
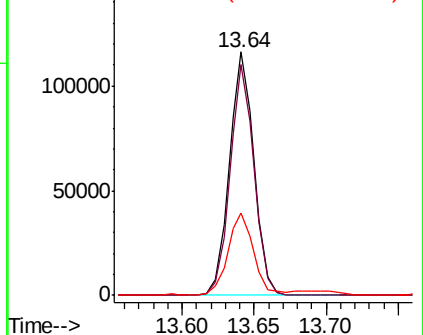


Abundance

Ion 179.80 (179.50 to 180.50): V

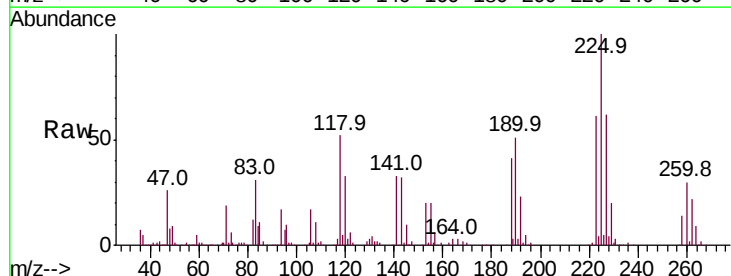
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 43.883 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012539.D
 Acq: 19 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.0	96.2
227	63.8	31.9	95.5

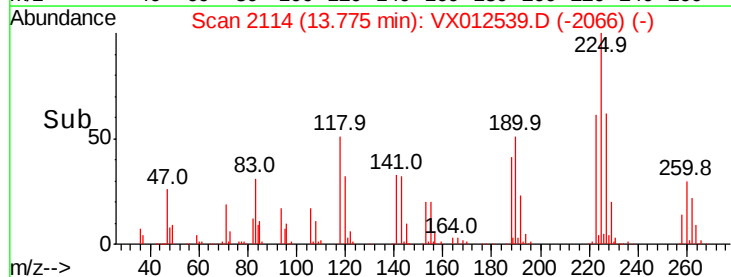
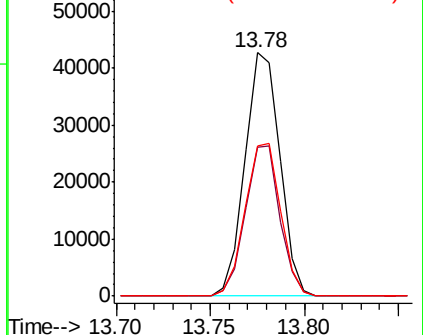


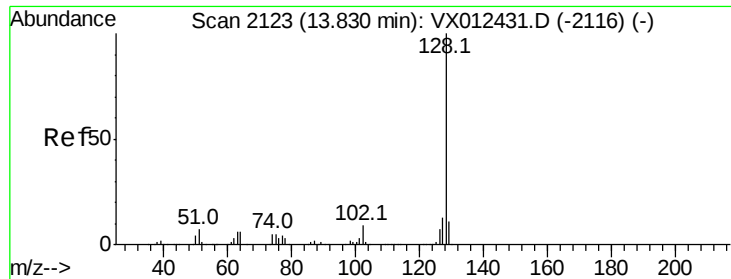
Abundance

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

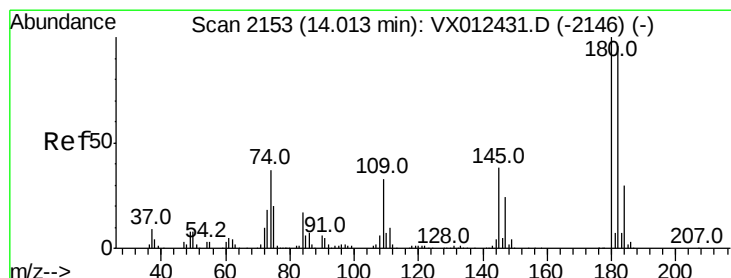
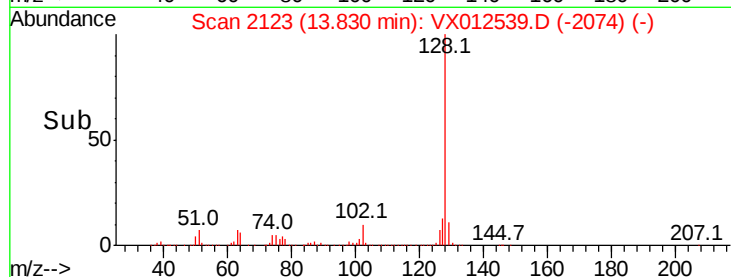
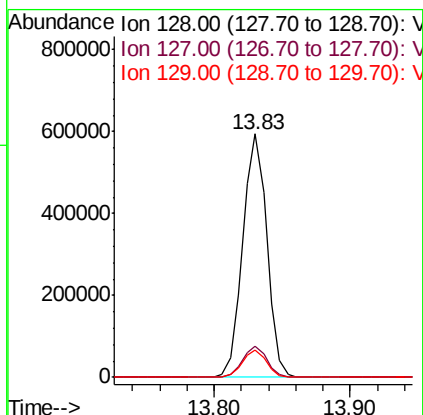
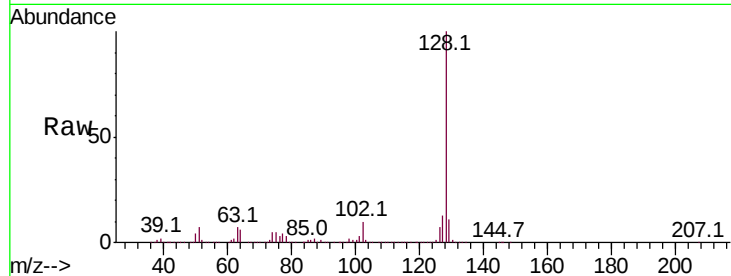




#95
Naphthalene
Concen: 77.667 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MS

Tot Ion:128 Resp: 735352
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.957 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012539.D
Acq: 19 Sep 2019 19:27

Tgt Ion:180 Resp: 140883
Ion Ratio Lower Upper
180 100
182 96.1 47.1 141.3
145 38.3 18.0 54.0

