

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012854.D
 Acq On : 07 Oct 2019 21:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 11:15:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	328225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	138954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	116786	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
35) Dibromofluoromethane	5.49	113	93438	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	343351	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.13	95	135466	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74636	35.160	ug/l	98
3) Chloromethane	1.31	50	81179	33.304	ug/l	98
4) Vinyl Chloride	1.40	62	92051	37.994	ug/l	99
5) Bromomethane	1.62	94	31462	33.028	ug/l	97
6) Chloroethane	1.70	64	60549	37.072	ug/l	95
7) Trichlorofluoromethane	1.91	101	136049	39.995	ug/l	99
8) Diethyl Ether	2.18	74	57886	41.525	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89395	43.147	ug/l	97
10) Methyl Iodide	2.50	142	60891	30.087	ug/l	91
11) Tert butyl alcohol	3.04	59	157158	228.960	ug/l	98
12) 1,1-Dichloroethene	2.36	96	89870	44.298	ug/l	97
13) Acrolein	2.28	56	70238	186.407	ug/l	98
14) Allyl chloride	2.72	41	168525	41.869	ug/l	96
15) Acrylonitrile	3.13	53	305576	219.435	ug/l	99
16) Acetone	2.44	43	259071	178.005	ug/l	95
17) Carbon Disulfide	2.56	76	222575	39.134	ug/l	99
18) Methyl Acetate	2.76	43	153870	44.899	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	350164	45.600	ug/l	99
20) Methylene Chloride	2.84	84	107101	43.508	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	97530	43.393	ug/l	94
22) Diisopropyl ether	3.84	45	343031	44.105	ug/l	96
23) Vinyl Acetate	3.80	43	1470612	215.615	ug/l	97
24) 1,1-Dichloroethane	3.69	63	184779	43.707	ug/l	98
25) 2-Butanone	4.66	43	427412	204.812	ug/l	95
26) 2,2-Dichloropropane	4.57	77	140686	37.416	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	116023	44.489	ug/l	92
28) Bromochloromethane	5.00	49	68412	44.566	ug/l	95
29) Tetrahydrofuran	5.12	42	273218	214.804	ug/l	96
30) Chloroform	5.20	83	188639	43.613	ug/l	99
31) Cyclohexane	5.58	56	159859	41.797	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	164153	42.822	ug/l	98
36) 1,1-Dichloropropene	5.79	75	137148	43.350	ug/l	98
37) Ethyl Acetate	4.82	43	161915	43.776	ug/l	97
38) Carbon Tetrachloride	5.78	117	138376	43.057	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 11:15:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162600	42.692	ug/l	94
40) Benzene	6.13	78	417508	44.852	ug/l	98
41) Methacrylonitrile	5.03	41	92211	44.434	ug/l	95
42) 1,2-Dichloroethane	6.18	62	152333	43.095	ug/l	99
43) Isopropyl Acetate	6.43	43	270123	43.671	ug/l	96
44) Trichloroethene	7.20	130	108151	45.447	ug/l	97
45) 1,2-Dichloropropane	7.51	63	110443	46.342	ug/l	100
46) Dibromomethane	7.65	93	73174	45.096	ug/l	99
47) Bromodichloromethane	7.89	83	146341	45.125	ug/l	100
48) Methyl methacrylate	7.76	41	133297	44.943	ug/l	91
49) 1,4-Dioxane	7.73	88	59687	887.254	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	845123	221.342	ug/l	96
52) Toluene	8.78	92	266067	45.477	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164716	45.906	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	178798	45.639	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	109461	47.060	ug/l	96
56) Ethyl methacrylate	9.17	69	184904	47.318	ug/l	90
57) 1,3-Dichloropropane	9.37	76	185728	45.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	416196	237.276	ug/l	100
59) 2-Hexanone	9.49	43	652495	223.260	ug/l	93
60) Dibromochloromethane	9.58	129	114448	48.606	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113649	46.948	ug/l	98
64) Tetrachloroethene	9.33	164	95186	47.134	ug/l	93
65) Chlorobenzene	10.14	112	281700	46.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	104272	47.183	ug/l	97
67) Ethyl Benzene	10.25	91	516802	46.716	ug/l	99
68) m/p-Xylenes	10.35	106	380349	91.781	ug/l	100
69) o-Xylene	10.70	106	188141	46.919	ug/l	100
70) Styrene	10.71	104	329727	49.050	ug/l	98
71) Bromoform	10.85	173	80210	52.125	ug/l	100
73) Isopropylbenzene	11.01	105	508180	44.903	ug/l	100
74) N-amyl acetate	10.89	43	241940	44.811	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	175761	46.893	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	198840	54.096	ug/l	86
77) Bromobenzene	11.25	156	115945	45.266	ug/l	99
78) n-propylbenzene	11.35	91	561197	44.045	ug/l	100
79) 2-Chlorotoluene	11.42	91	348245	43.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	432581	45.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51502	40.154	ug/l	92
82) 4-Chlorotoluene	11.51	91	401553	44.318	ug/l	98
83) tert-Butylbenzene	11.76	119	417062	45.556	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	436622	45.606	ug/l	99
85) sec-Butylbenzene	11.94	105	483153	45.374	ug/l	99
86) p-Isopropyltoluene	12.06	119	445672	46.386	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	216900	47.054	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	217217	46.634	ug/l	100
89) n-Butylbenzene	12.39	91	380807	44.978	ug/l	99
90) Hexachloroethane	12.59	117	75605	44.138	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	218944	47.443	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44191	47.133	ug/l	99

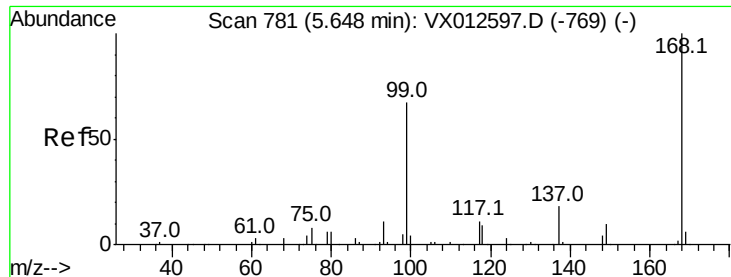
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	137178	48.742	ug/l	99
94) Hexachlorobutadiene	13.78	225	58976	48.710	ug/l	98
95) Naphthalene	13.83	128	493110	48.427	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140528	49.846	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

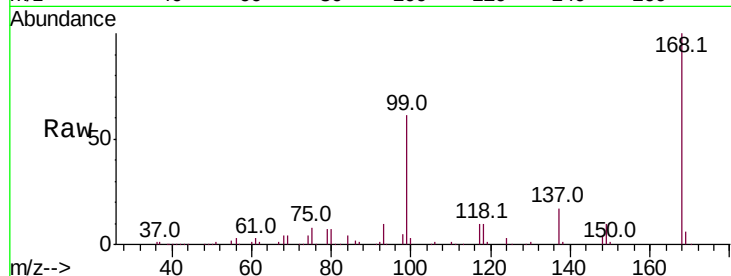
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 188692

Ion Ratio Lower Upper

168 100

99 60.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

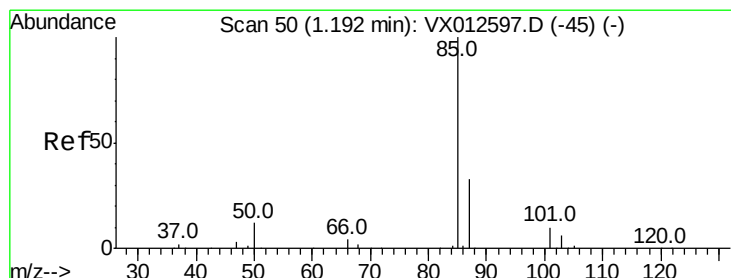
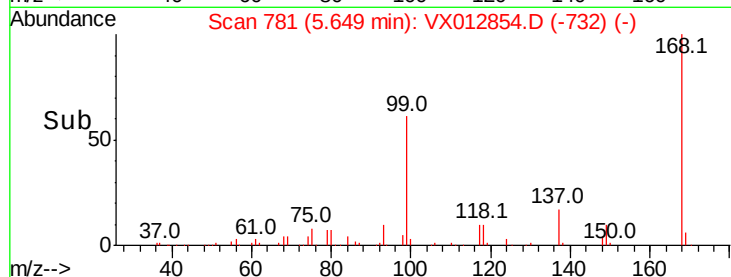
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 35.160 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012854.D

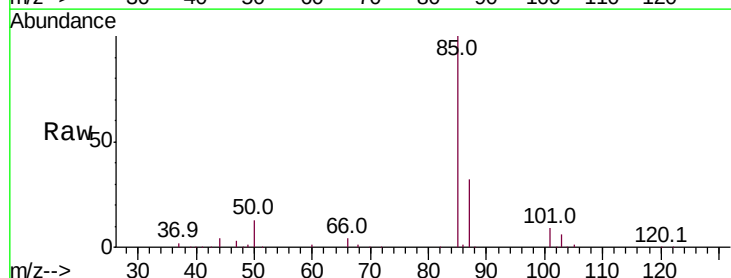
Acq: 07 Oct 2019 21:27

Tgt Ion: 85 Resp: 74636

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

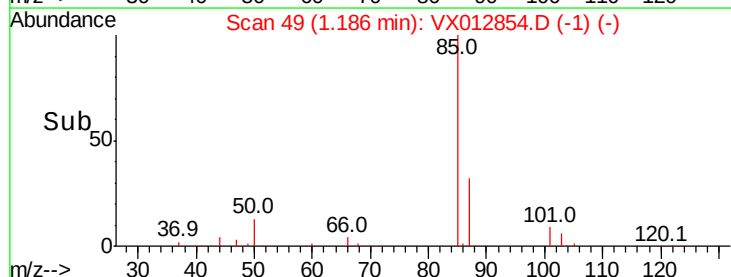
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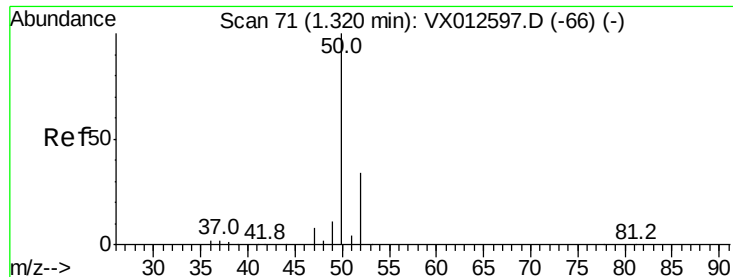
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 33.304 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

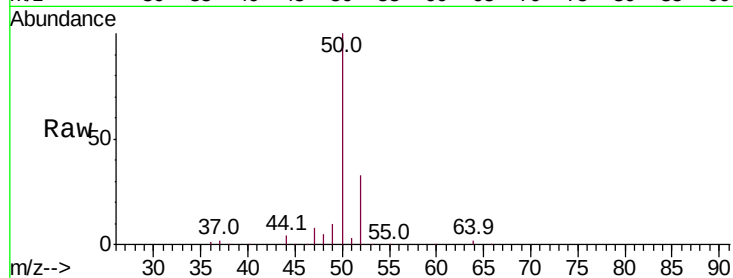
ClientSampleId :

Tot Ion: 50 Resp: 81179

Ion Ratio Lower Upper

50 100

52 33.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

80000

60000

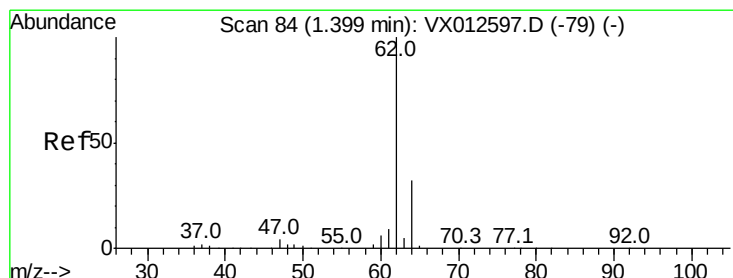
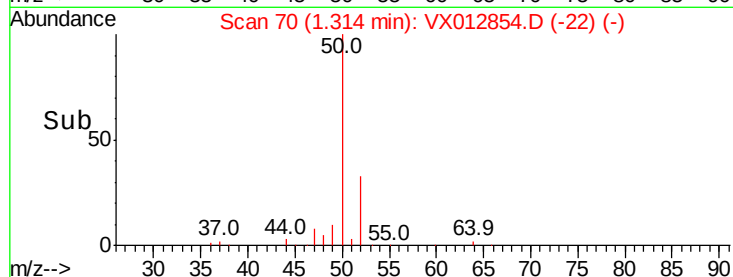
40000

20000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 37.994 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012854.D

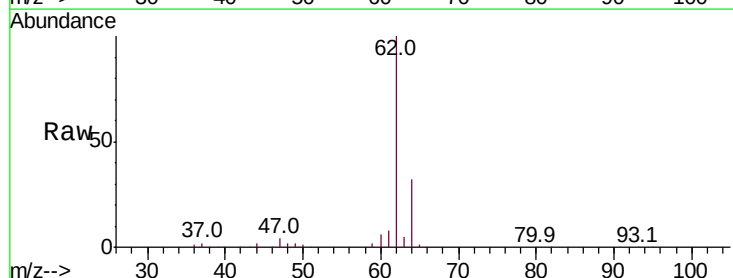
Acq: 07 Oct 2019 21:27

Tgt Ion: 62 Resp: 92051

Ion Ratio Lower Upper

62 100

64 30.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

60000

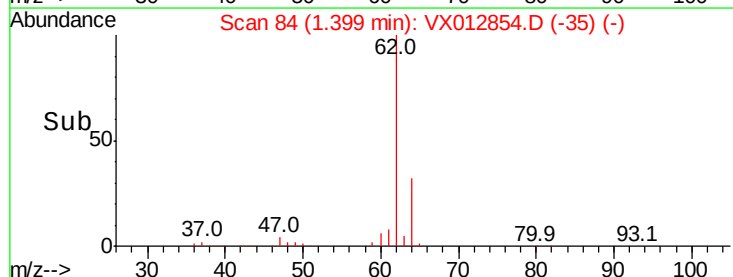
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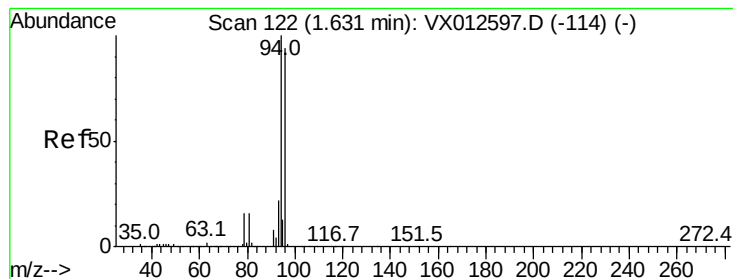
20000

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Time-->

1.35 1.40 1.45 1.50 1.55





#5

Bromomethane

Concen: 33.028 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

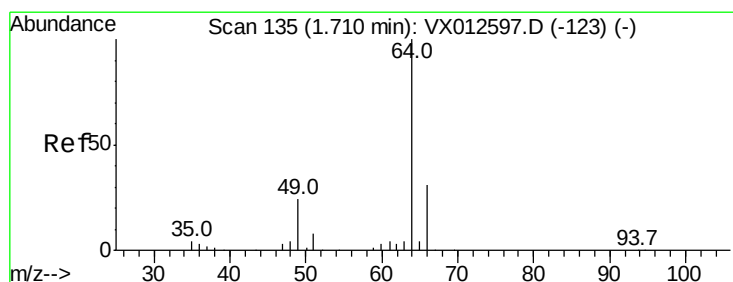
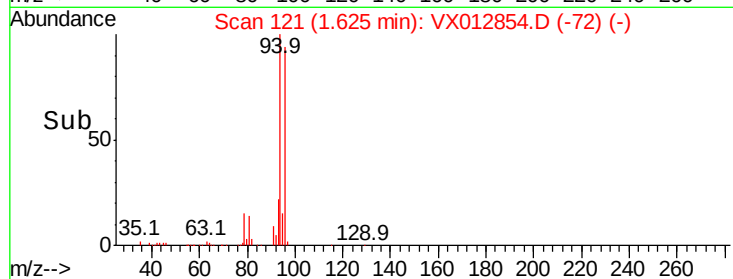
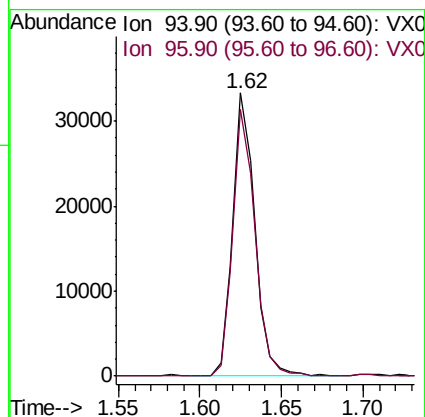
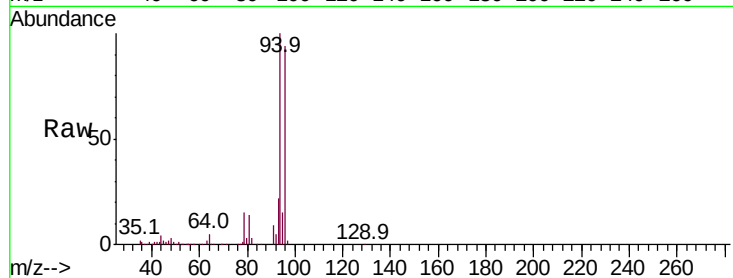
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 31462

Ion Ratio Lower Upper

94 100

96 94.0 72.8 109.2



#6

Chloroethane

Concen: 37.072 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012854.D

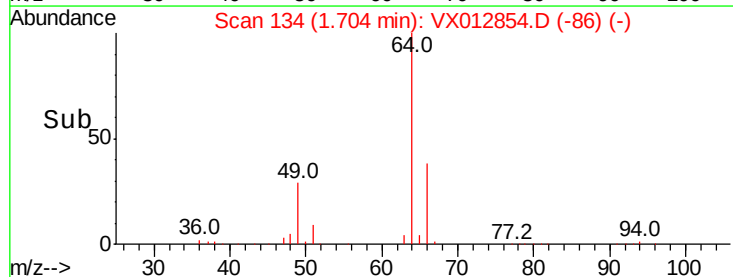
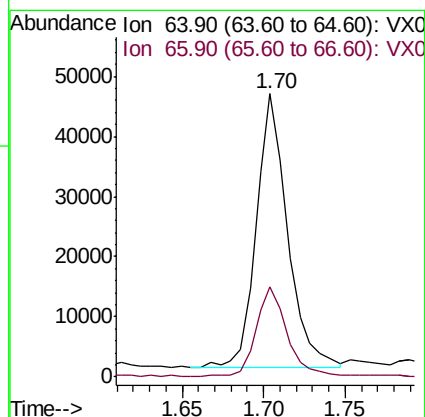
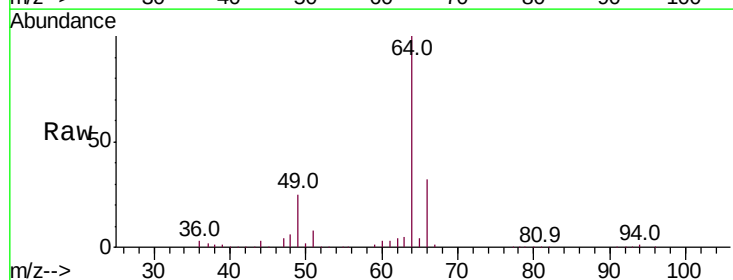
Acq: 07 Oct 2019 21:27

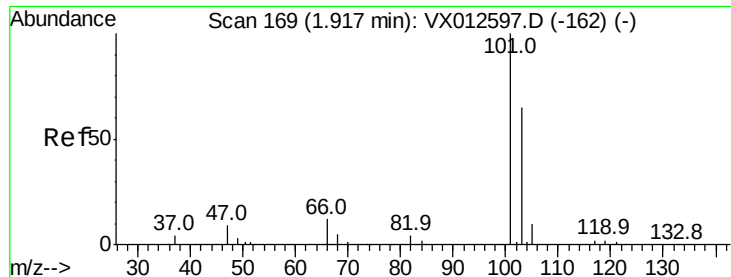
Tgt Ion: 64 Resp: 60549

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0



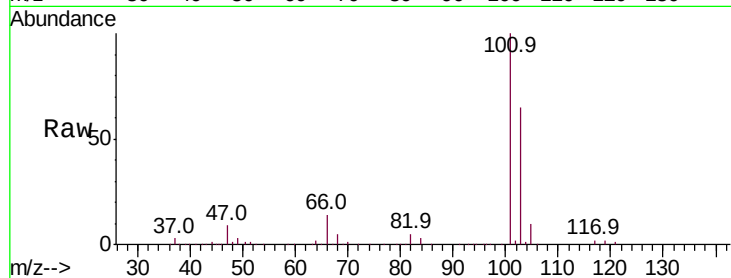


#7

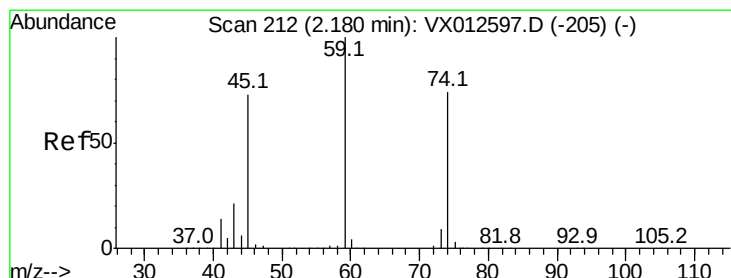
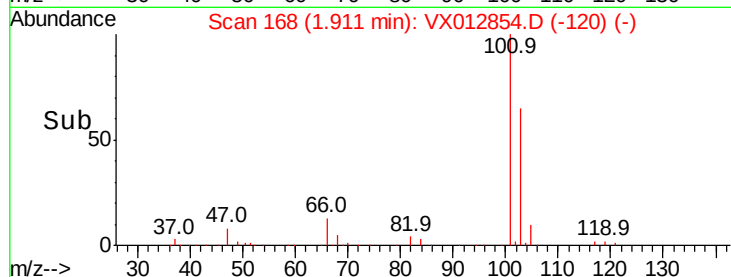
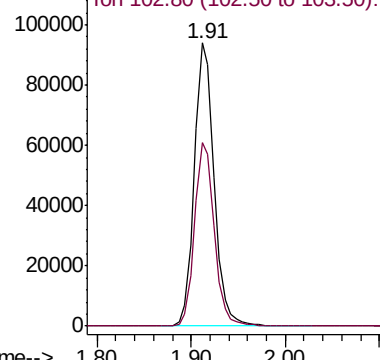
Trichlorofluoromethane
Concen: 39.995 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 136049
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4



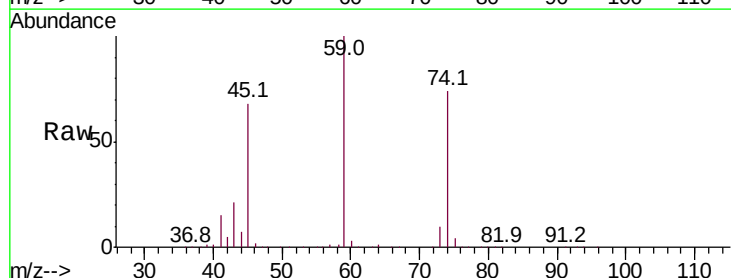
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



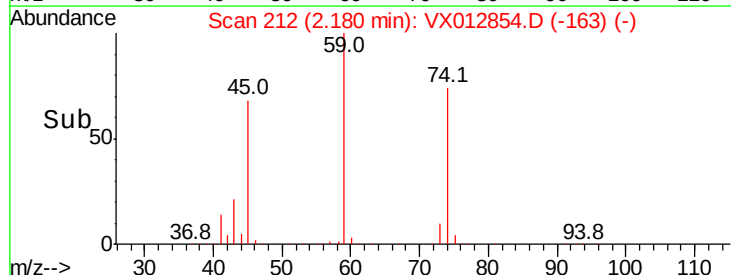
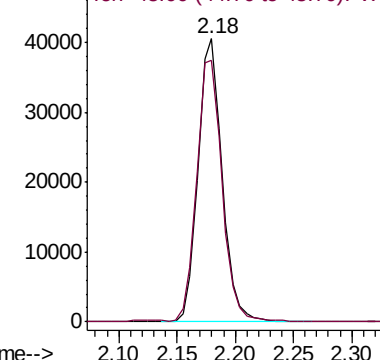
#8

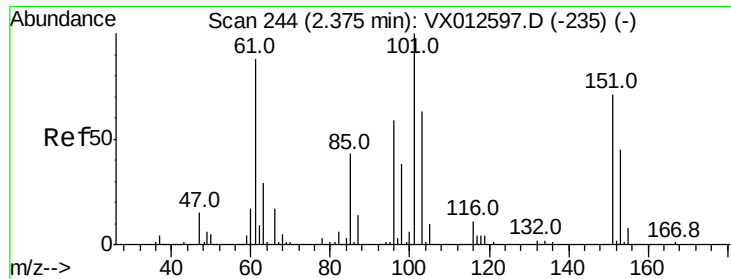
Diethyl Ether
Concen: 41.525 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 74 Resp: 57886
Ion Ratio Lower Upper
74 100
45 97.0 49.9 149.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

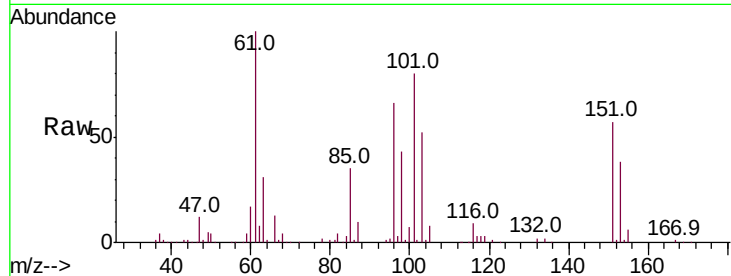




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.147 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.0	37.3	55.9
151	74.5	61.0	91.4

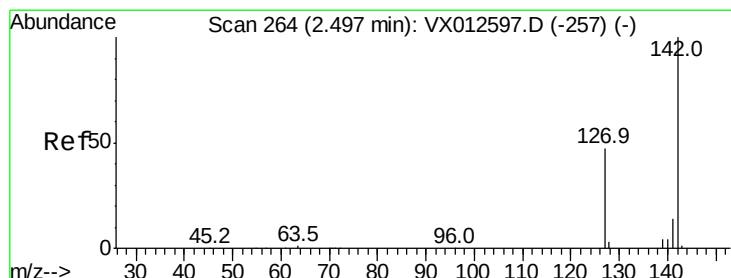
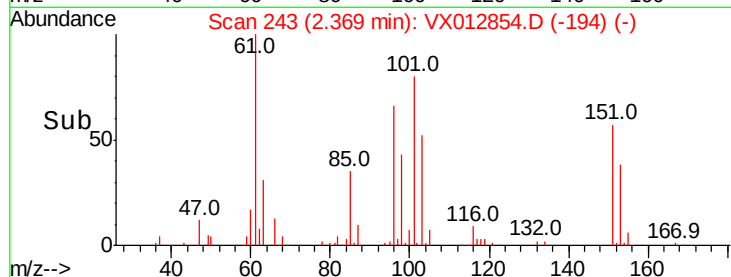
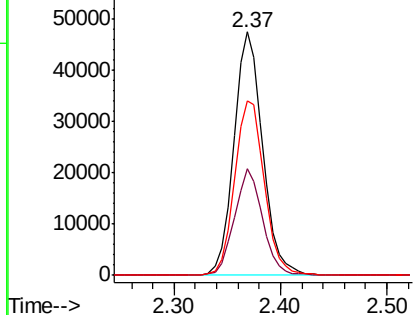


Abundance

Ion 100.90 (100.60 to 101.60): V

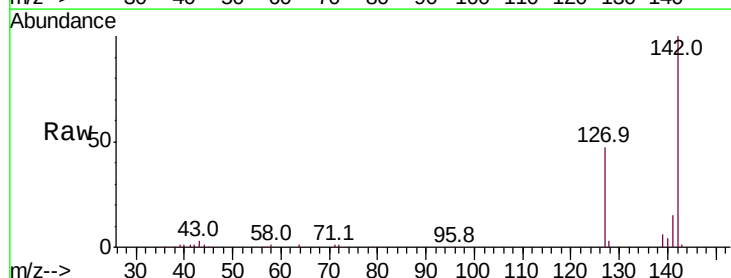
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 30.087 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.4	40.8	61.2
141	14.6	12.1	18.1

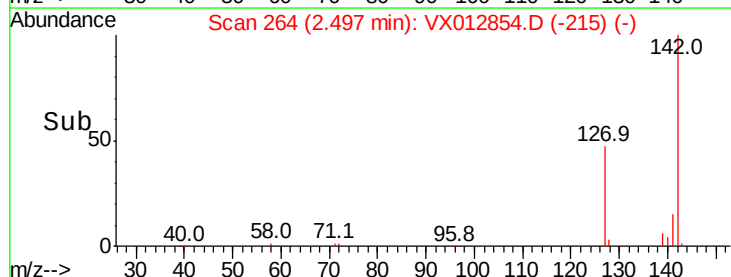
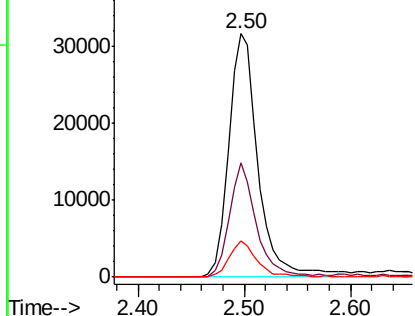


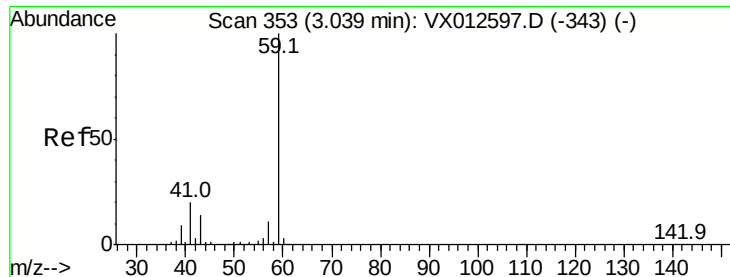
Abundance

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

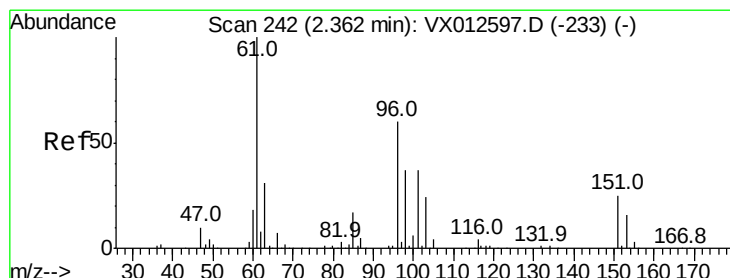
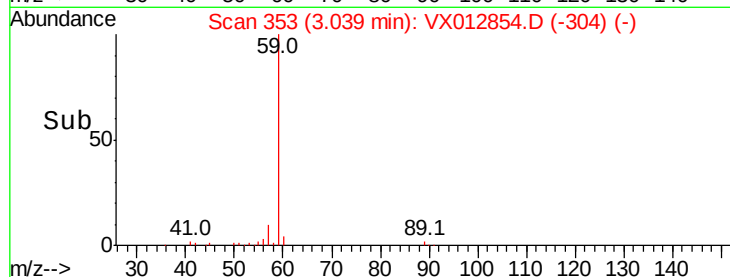
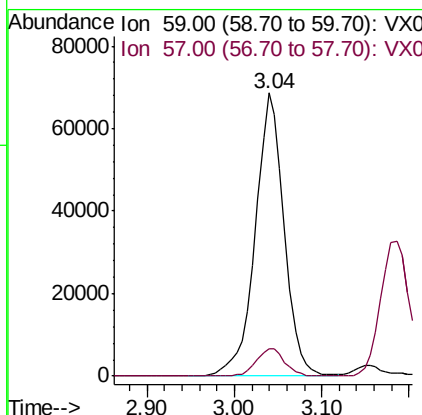
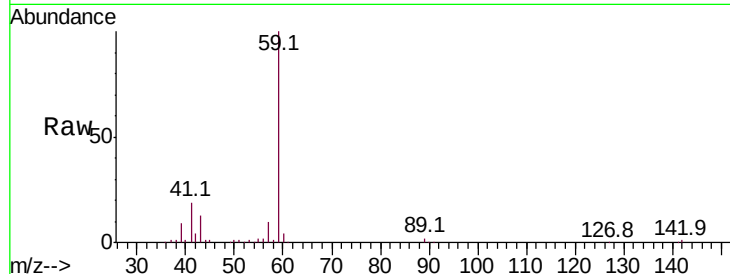




#11
Tert butyl alcohol
Concen: 228.960 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

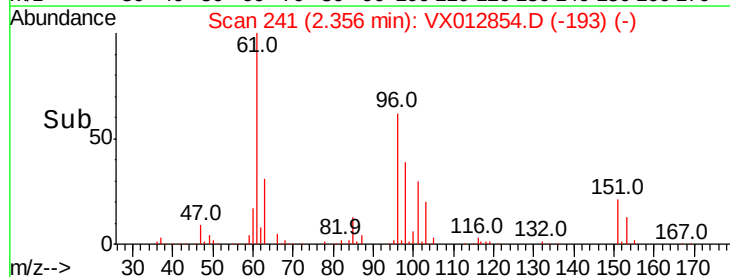
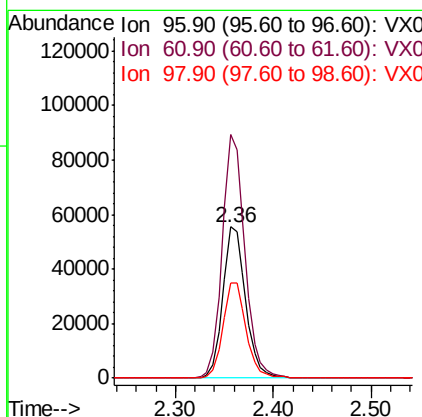
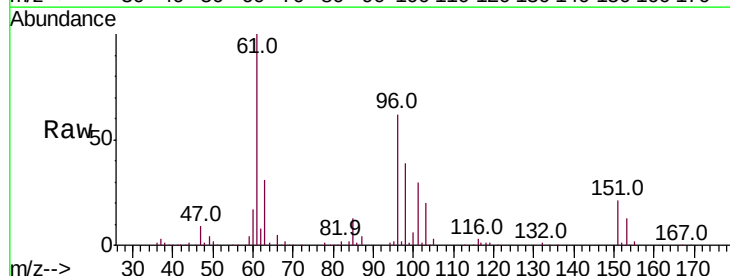
Instrument :
MSVOA_X
ClientSampleId :

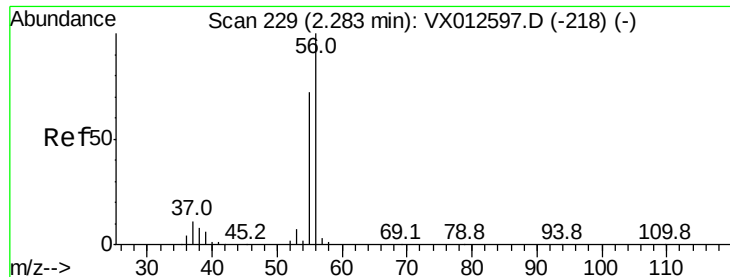
Tot Ion: 59 Resp: 157158
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.298 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 96 Resp: 89870
Ion Ratio Lower Upper
96 100
61 161.2 133.8 200.6
98 62.7 49.9 74.9





#13

Acrolein

Concen: 186.407 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

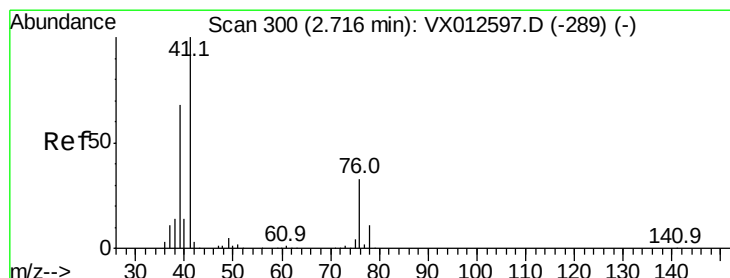
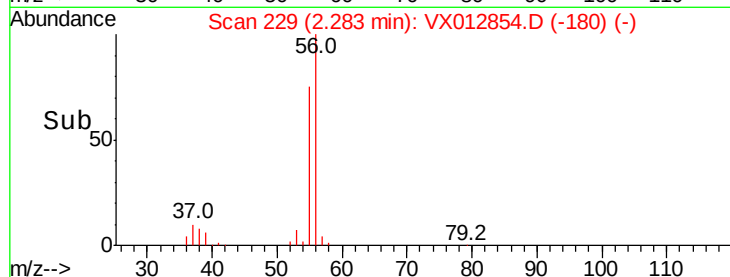
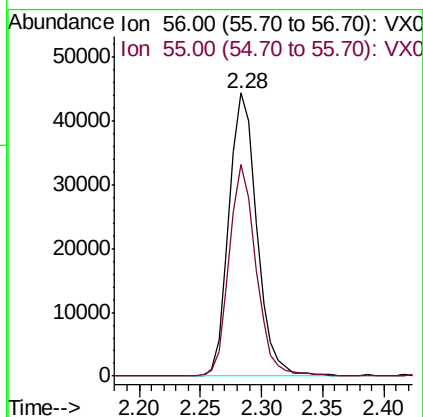
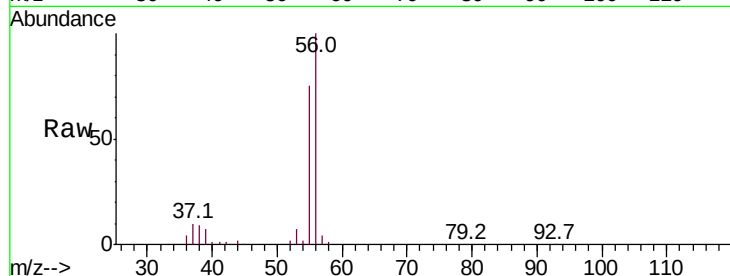
ClientSampled :

Tot Ion: 56 Resp: 70238

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.8



#14

Allyl chloride

Concen: 41.869 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

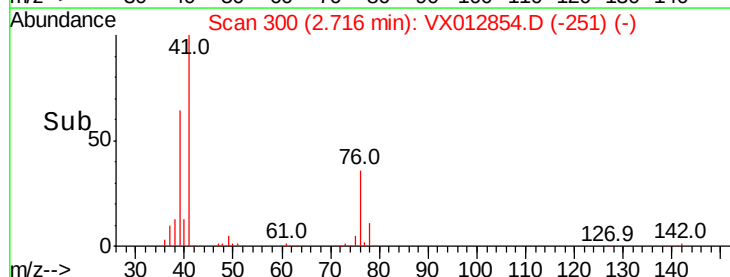
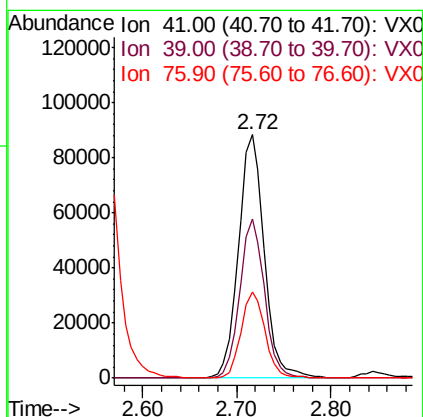
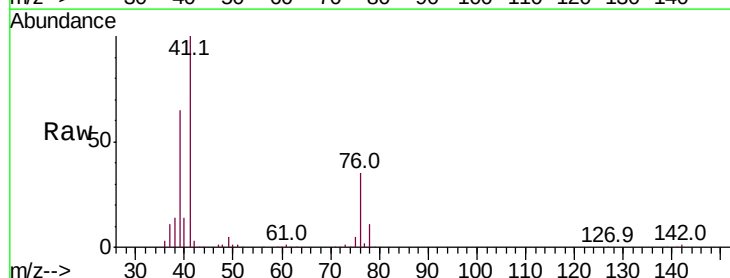
Tgt Ion: 41 Resp: 168525

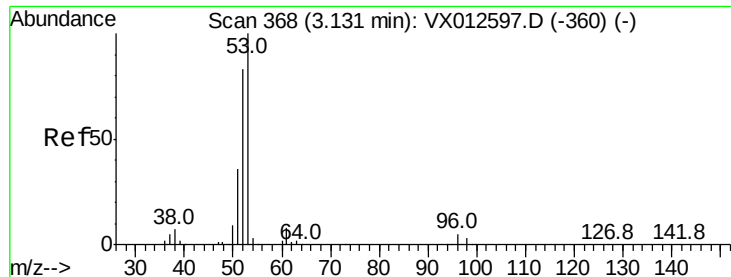
Ion Ratio Lower Upper

41 100

39 62.5 51.3 76.9

76 33.2 22.6 33.8





#15

Acrylonitrile

Concen: 219.435 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

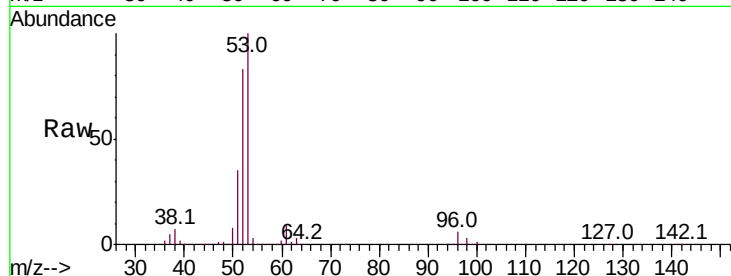
Tot Ion: 53 Resp: 305576

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

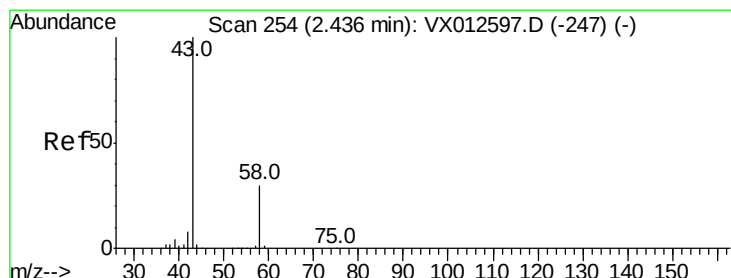
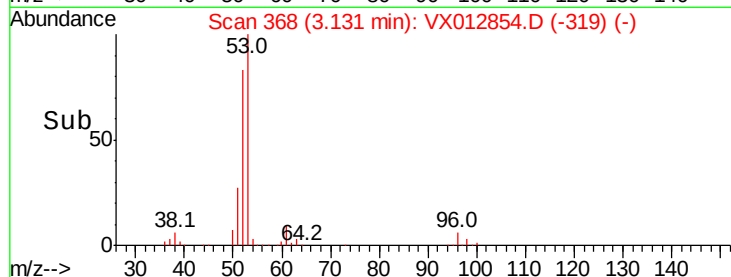
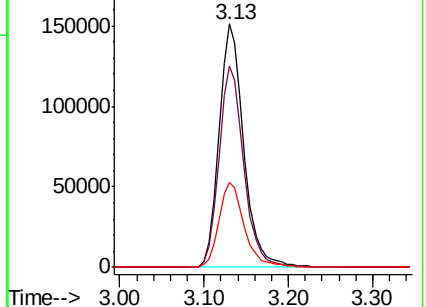
51 35.9 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 178.005 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012854.D

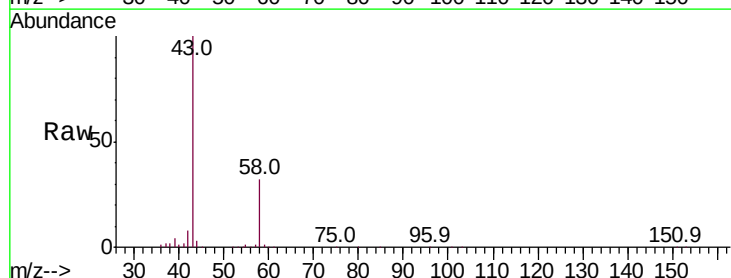
Acq: 07 Oct 2019 21:27

Tgt Ion: 43 Resp: 259071

Ion Ratio Lower Upper

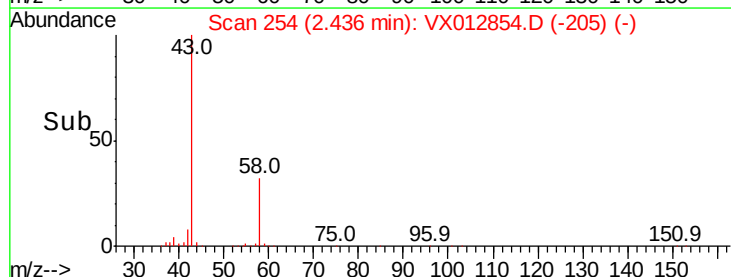
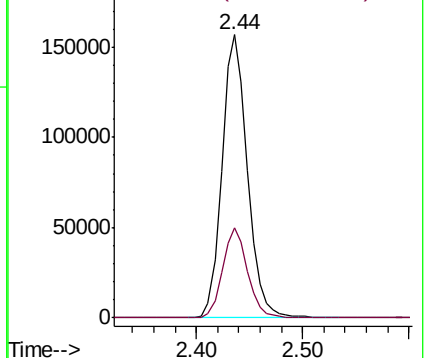
43 100

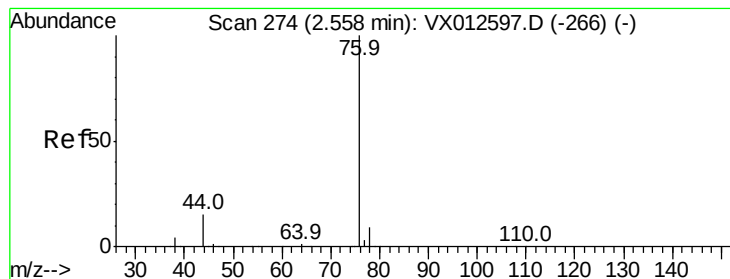
58 31.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 39.134 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

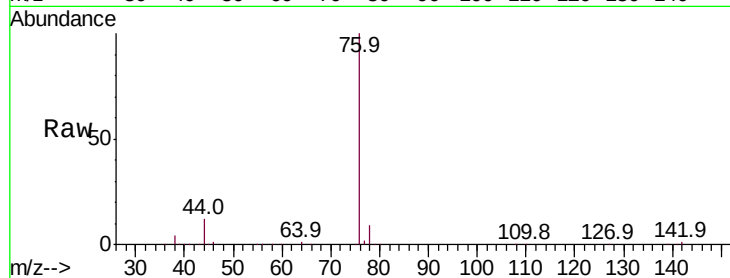
ClientSampled :

Tot Ion: 76 Resp: 222575

Ion Ratio Lower Upper

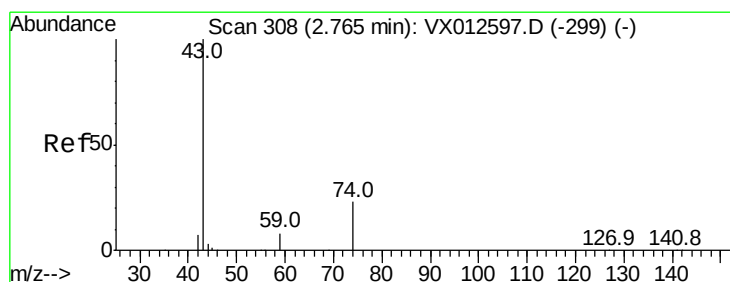
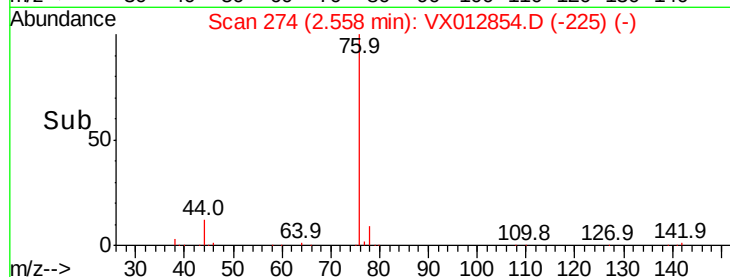
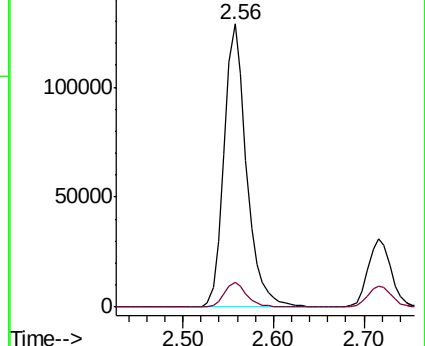
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.899 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012854.D

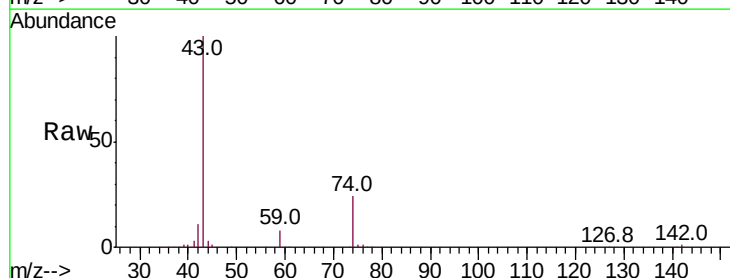
Acq: 07 Oct 2019 21:27

Tgt Ion: 43 Resp: 153870

Ion Ratio Lower Upper

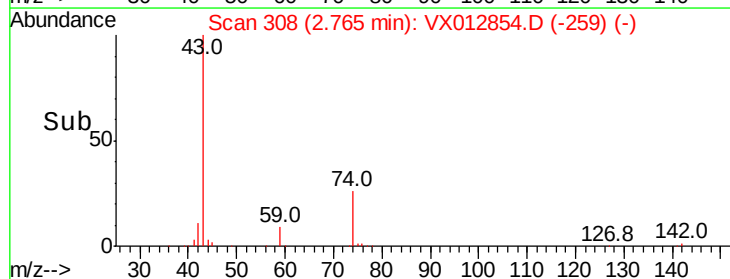
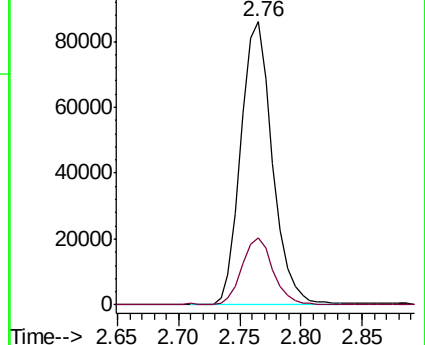
43 100

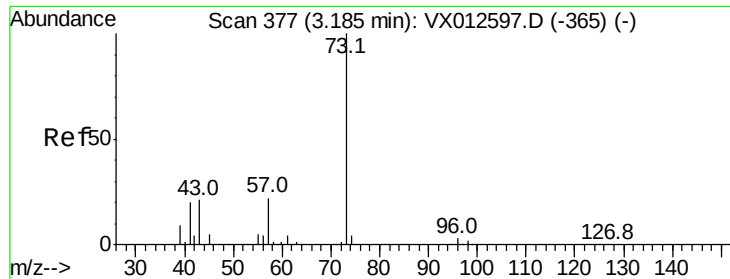
74 23.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

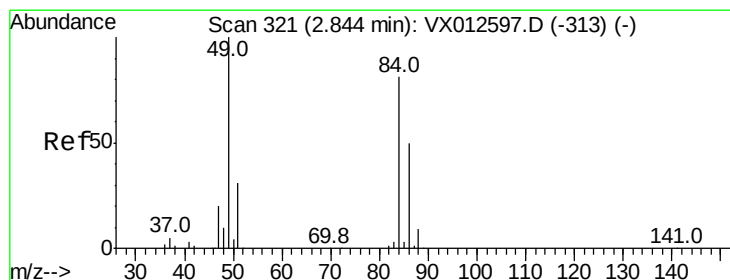
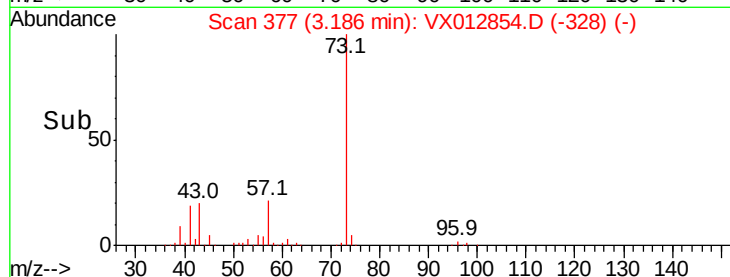
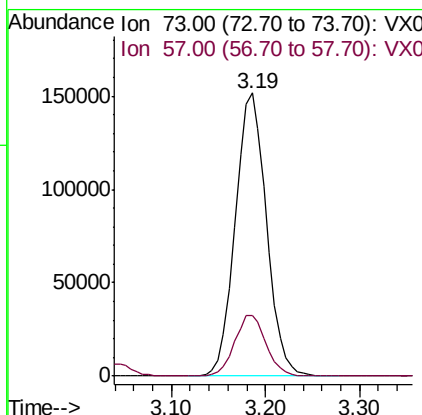
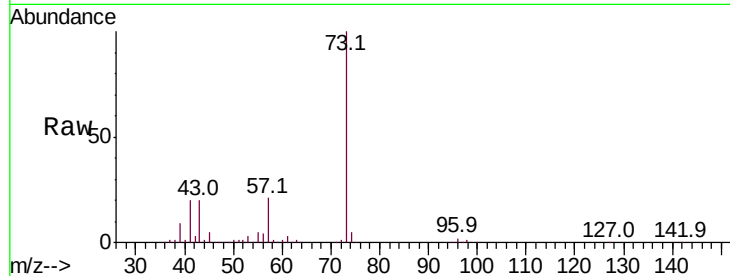




#19
Methyl tert-butyl Ether
Concen: 45.600 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

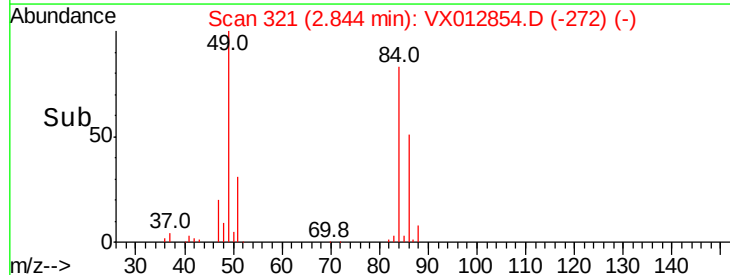
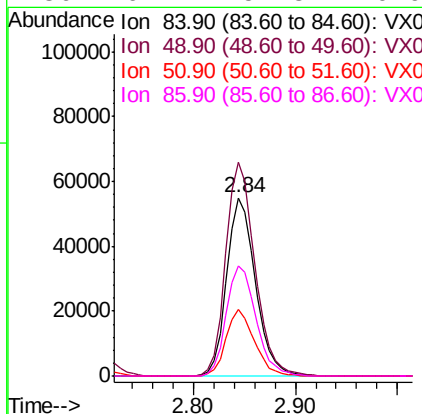
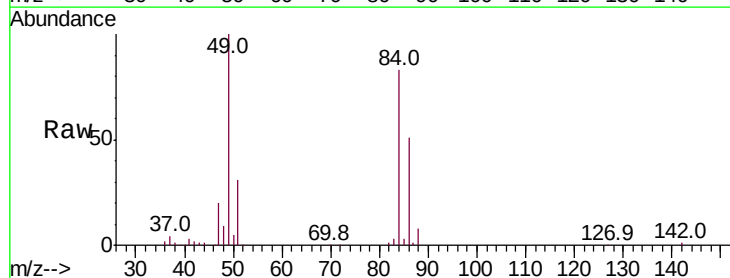
Instrument :
MSVOA_X
ClientSampleId :

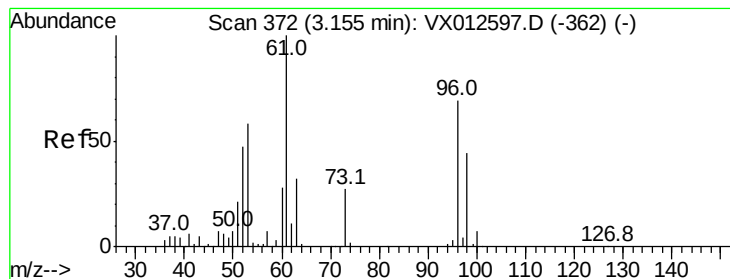
Tot Ion: 73 Resp: 350164
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 43.508 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 84 Resp: 107101
Ion Ratio Lower Upper
84 100
49 120.0 106.8 160.2
51 37.8 32.3 48.5
86 61.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 43.393 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampled :

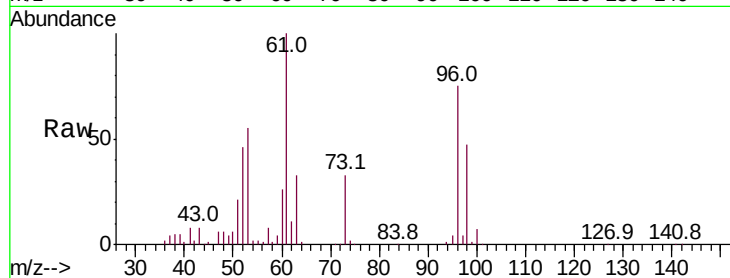
Tot Ion: 96 Resp: 97530

Ion Ratio Lower Upper

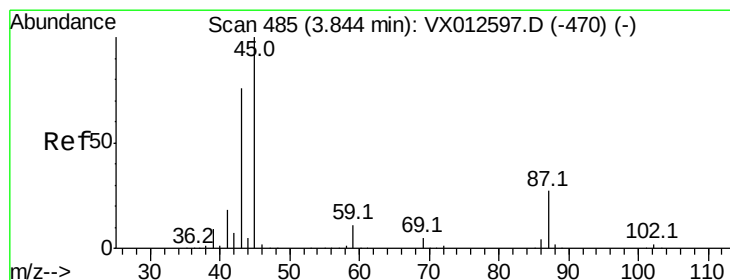
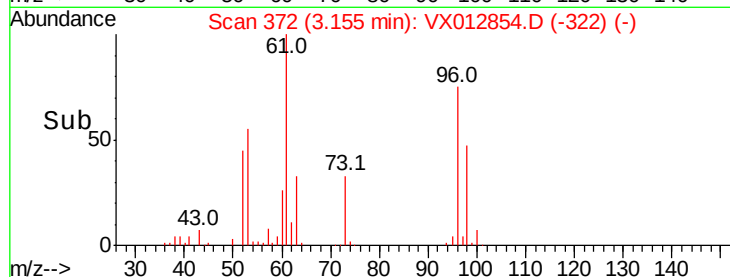
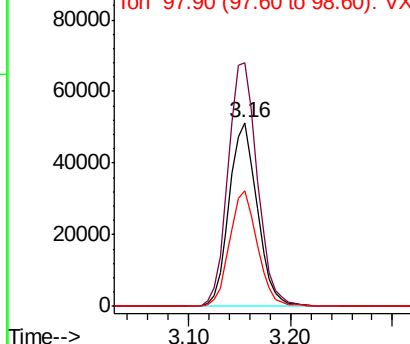
96 100

61 132.6 112.0 168.0

98 62.9 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.105 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Tgt Ion: 45 Resp: 343031

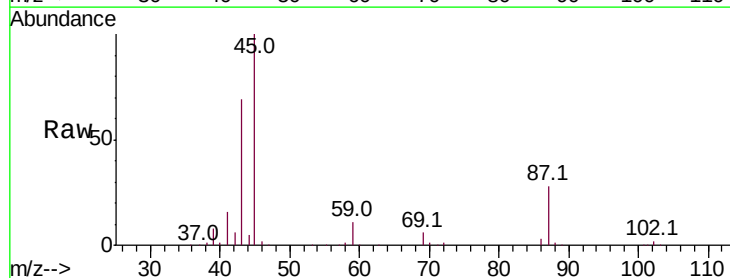
Ion Ratio Lower Upper

45 100

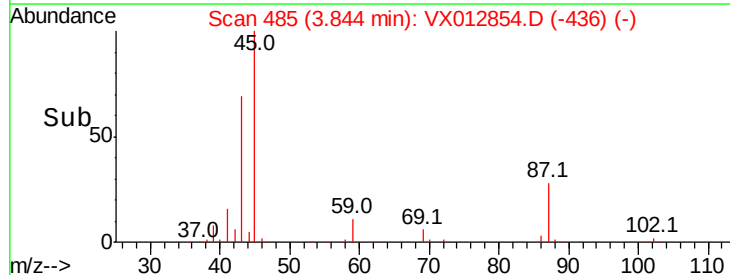
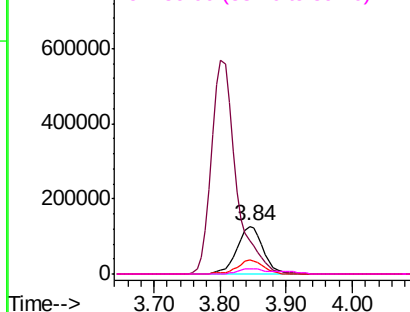
43 68.6 57.8 86.8

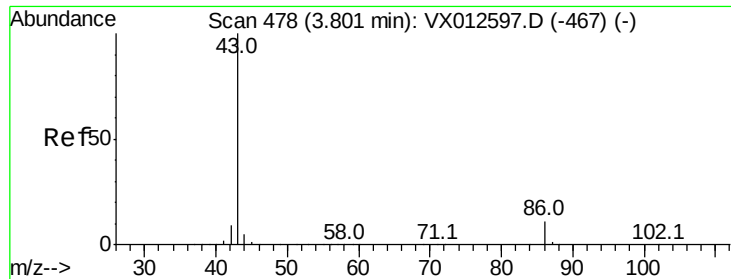
87 28.4 21.3 31.9

59 11.2 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 215.615 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

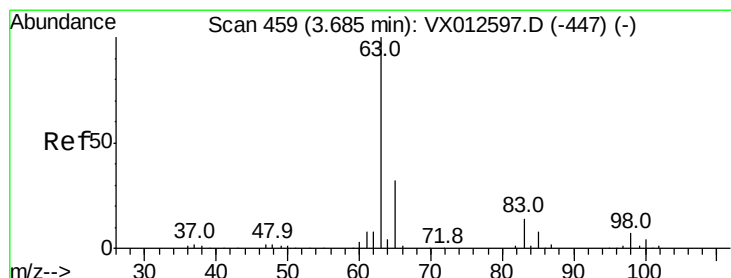
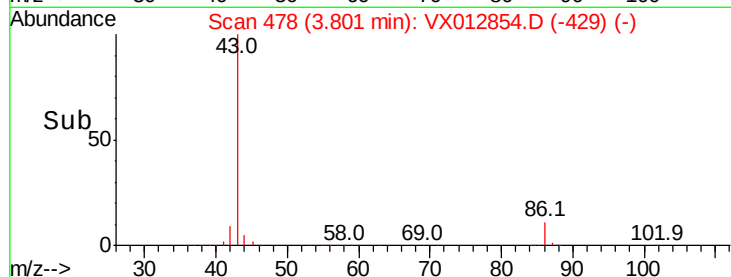
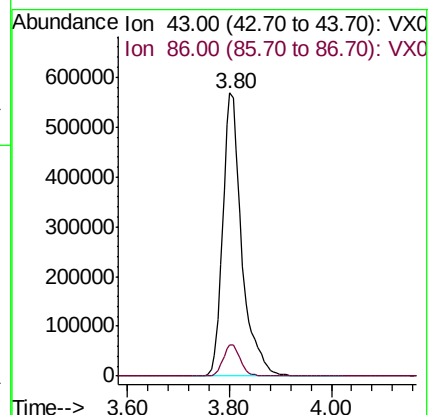
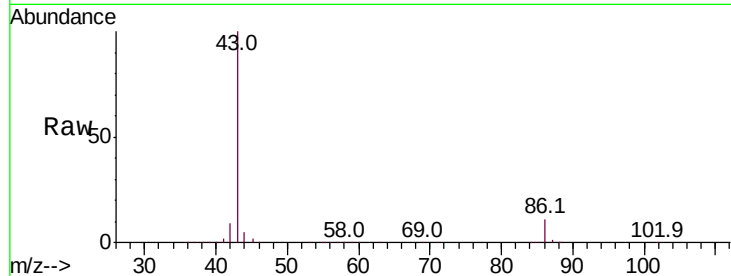
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1470612

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 43.707 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

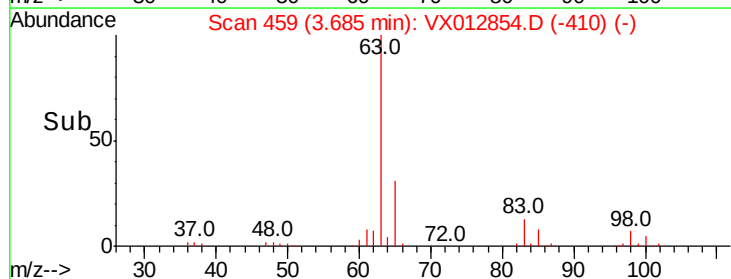
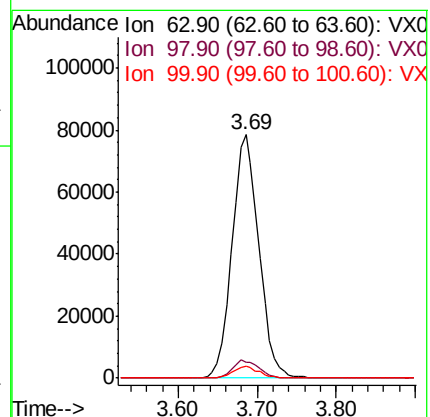
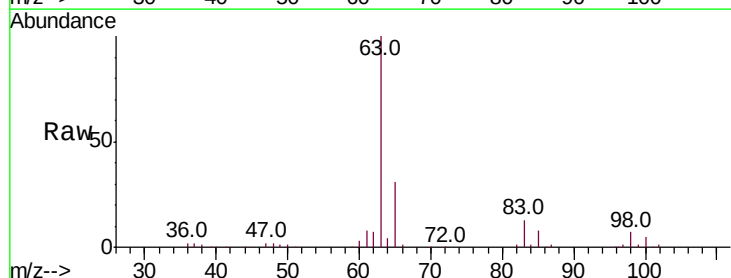
Tgt Ion: 63 Resp: 184779

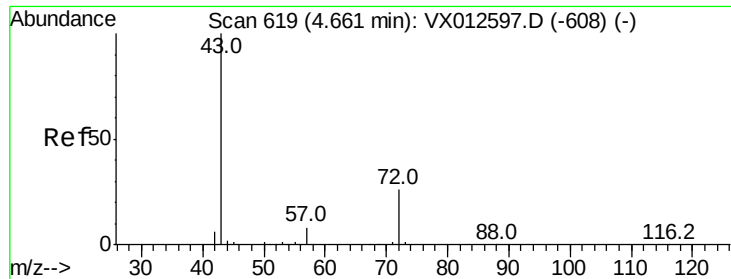
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 204.812 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

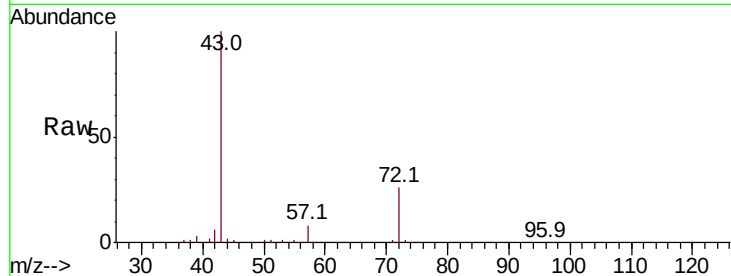
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 427412

Ion Ratio Lower Upper

43 100

72 26.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

150000

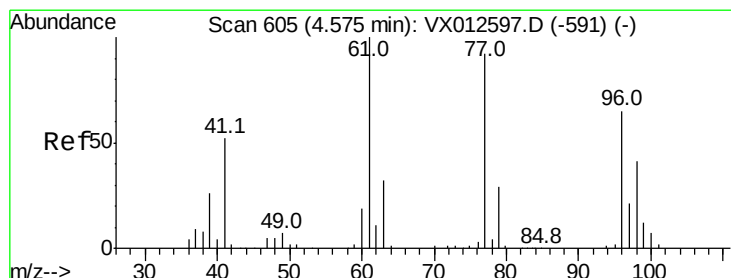
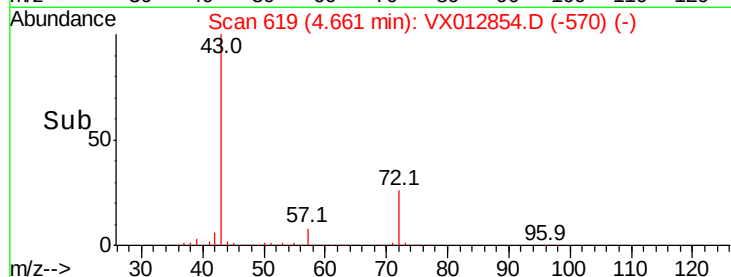
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.416 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012854.D

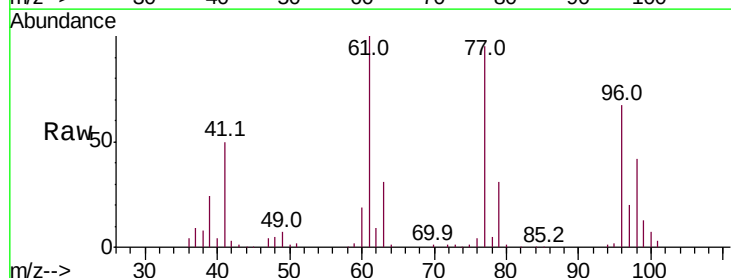
Acq: 07 Oct 2019 21:27

Tgt Ion: 77 Resp: 140686

Ion Ratio Lower Upper

77 100

97 22.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

50000

40000

30000

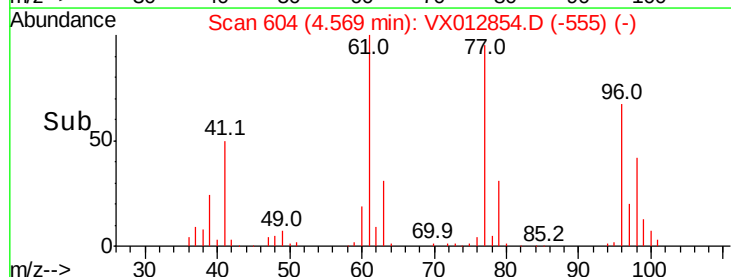
20000

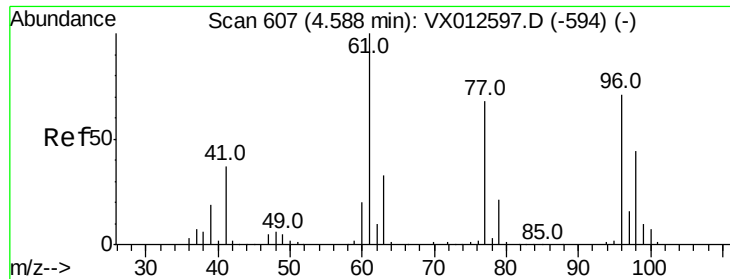
10000

0

4.40 4.50 4.60 4.70

Time-->



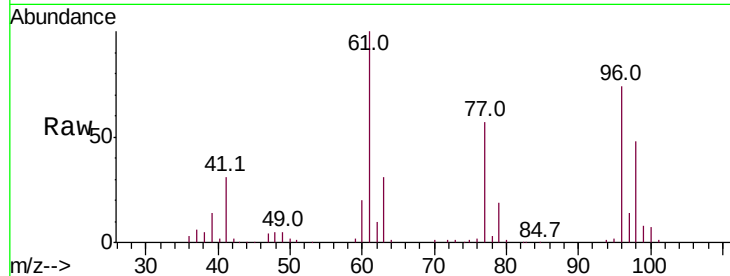


#27

cis-1,2-Dichloroethene
 Concen: 44.489 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	116023
Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	319.4
98	64.5	0.0	130.6

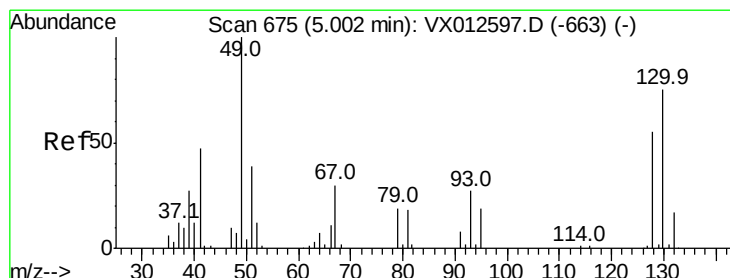
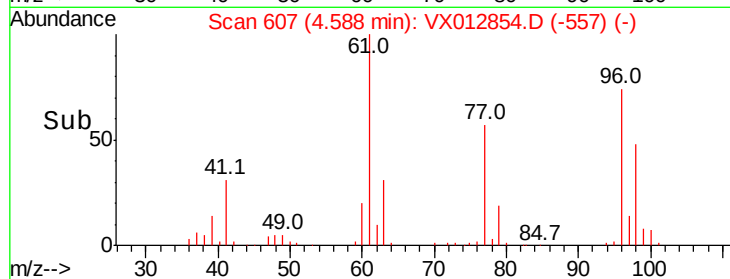
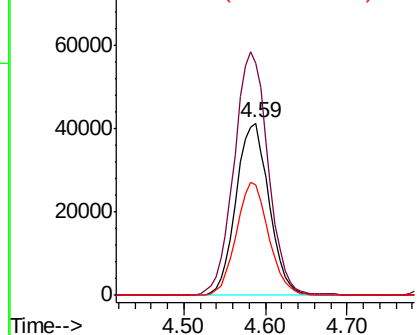


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

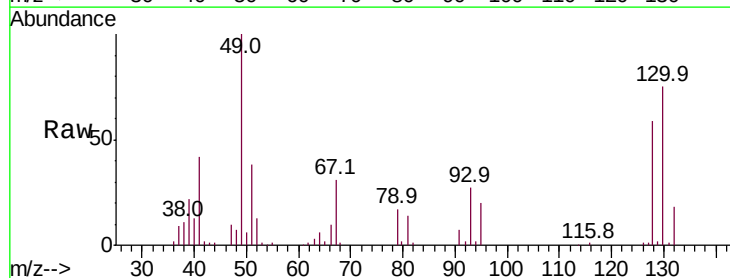
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 44.566 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	49	Resp	68412
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	77.2	58.2	87.4

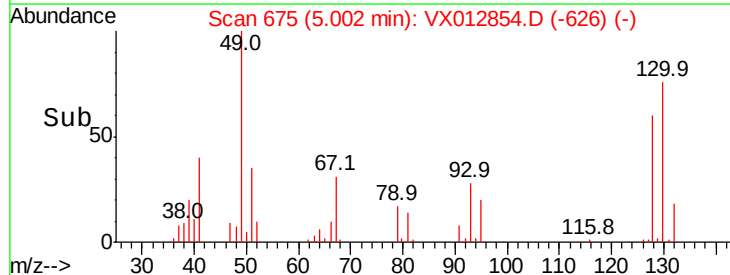
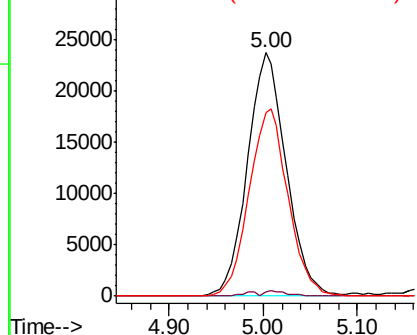


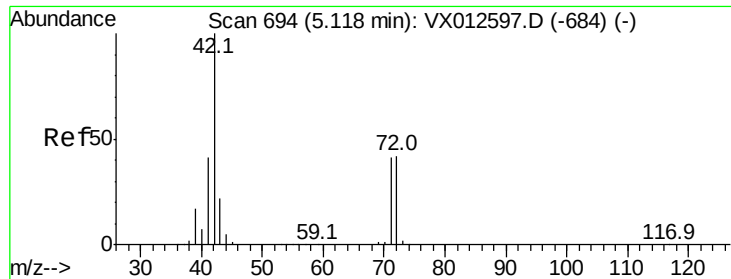
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 214.804 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :

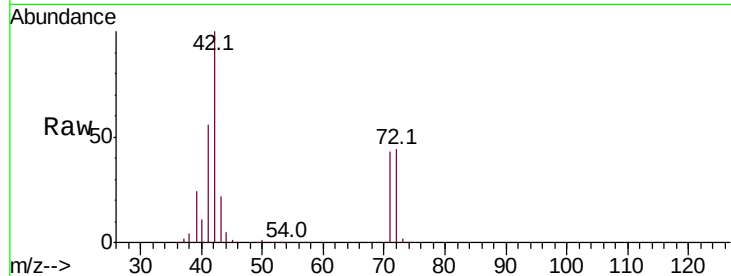
Tot Ion: 42 Resp: 273218

Ion Ratio Lower Upper

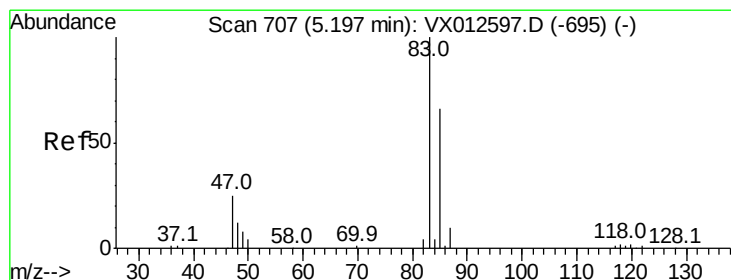
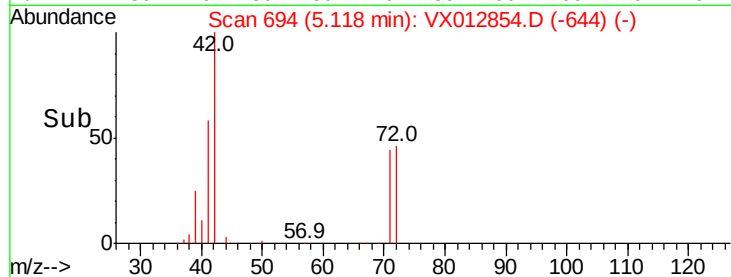
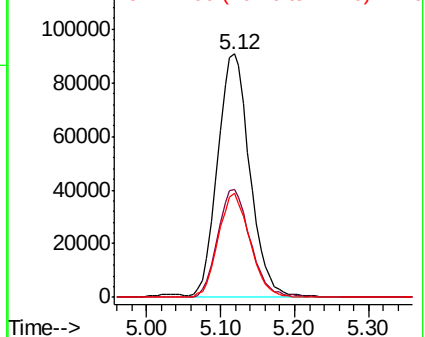
42 100

72 45.3 34.0 51.0

71 42.0 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 43.613 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012854.D

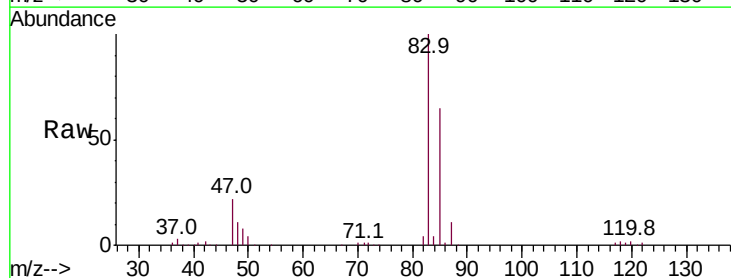
Acq: 07 Oct 2019 21:27

Tgt Ion: 83 Resp: 188639

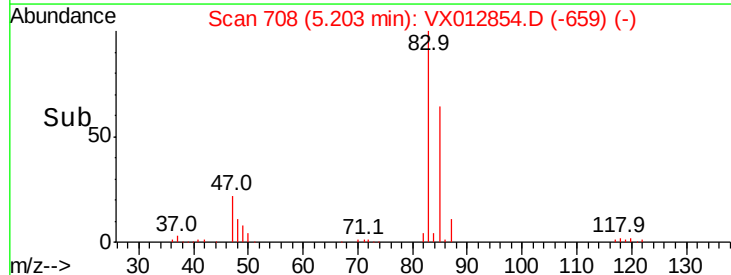
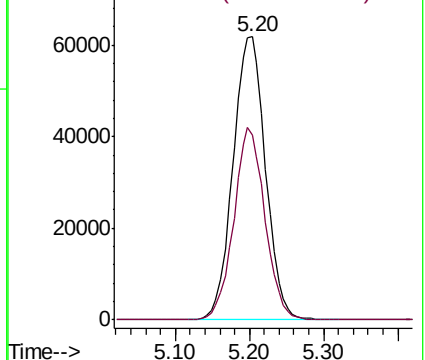
Ion Ratio Lower Upper

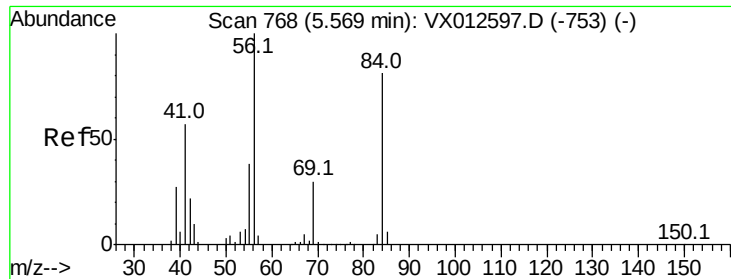
83 100

85 65.1 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

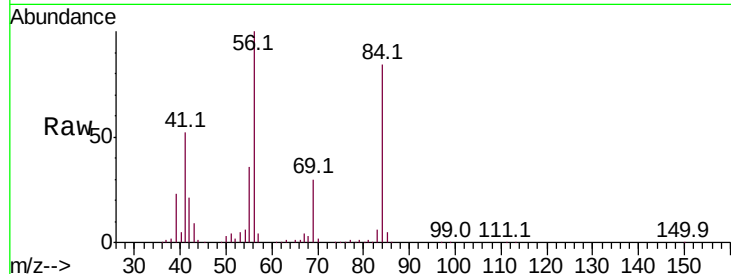




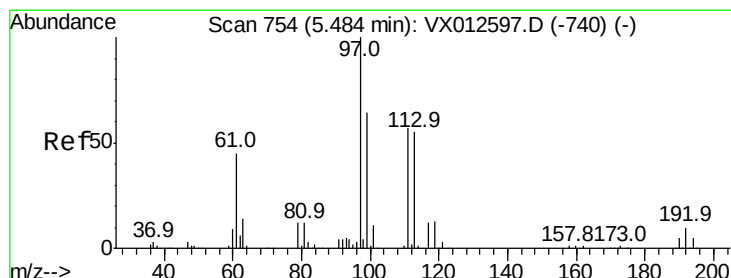
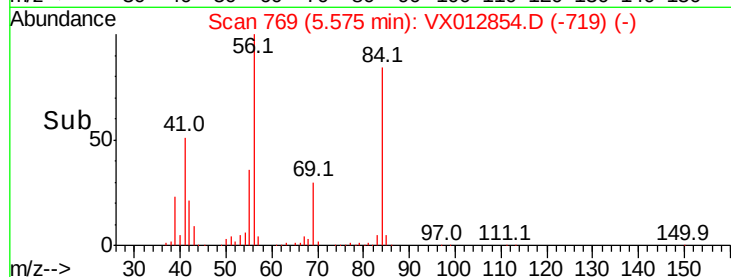
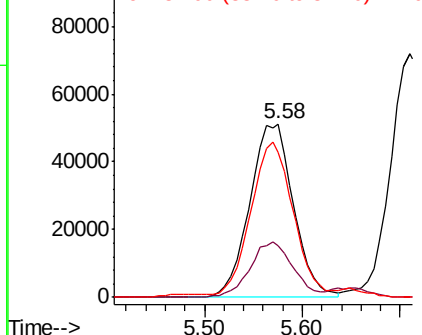
#31
Cyclohexane
Concen: 41.797 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	56	Resp	159859
Ion Ratio	Lower	Upper	
56	100		
69	29.9	25.0	37.6
84	82.2	66.4	99.6

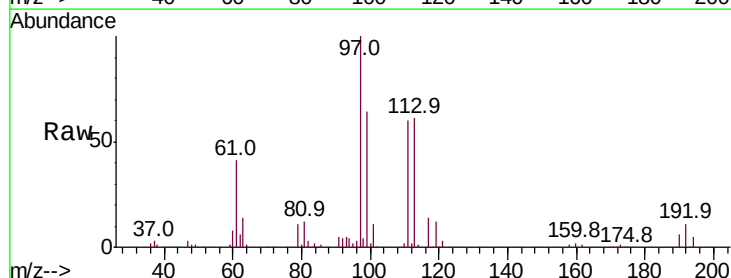


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

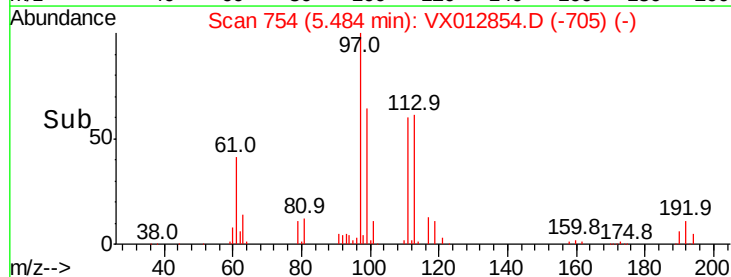
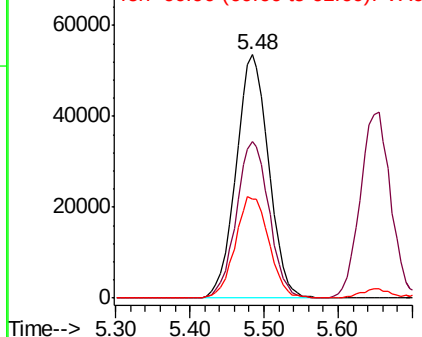


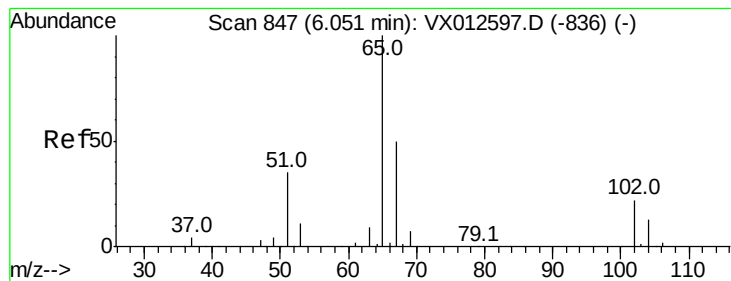
#32
1,1,1-Trichloroethane
Concen: 42.822 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	97	Resp	164153
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.3	76.9
61	43.2	36.1	54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 42.503 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

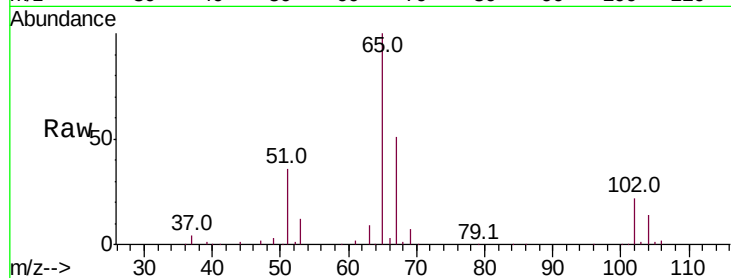
ClientSampled :

Tot Ion: 65 Resp: 116786

Ion Ratio Lower Upper

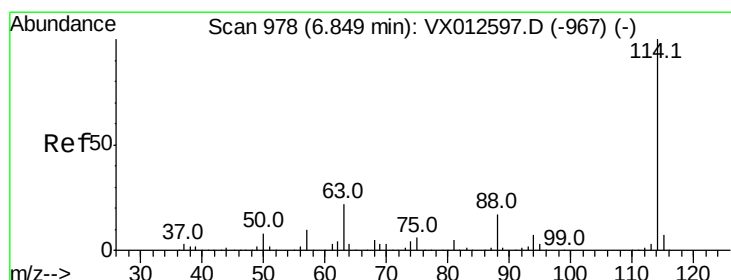
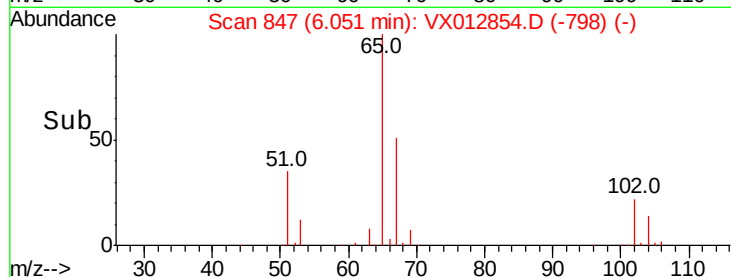
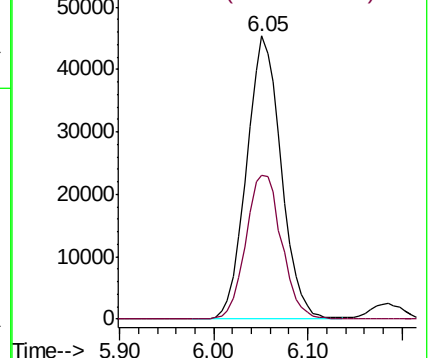
65 100

67 52.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

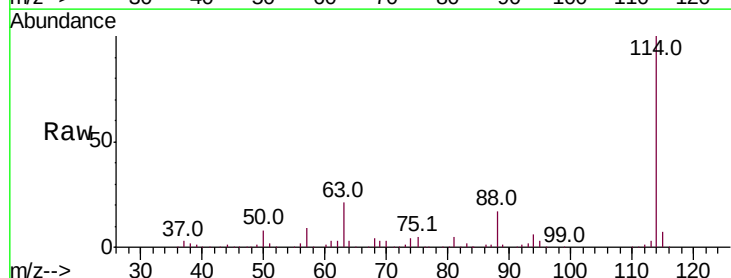
Tgt Ion: 114 Resp: 328225

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

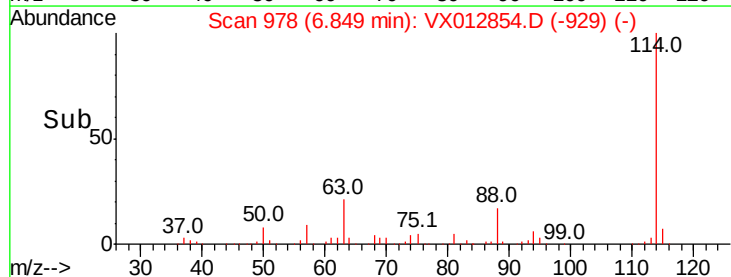
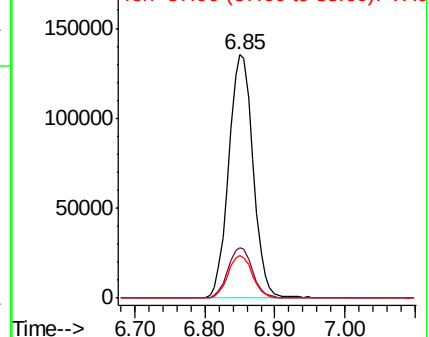
88 17.5 0.0 33.2

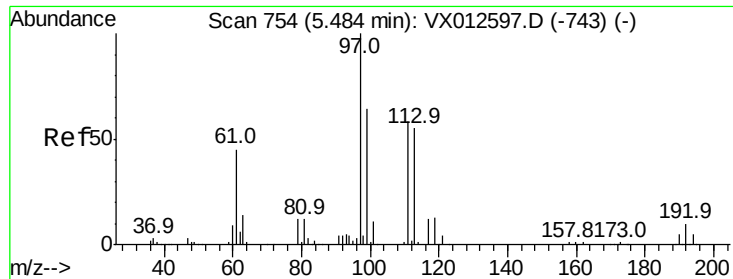


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

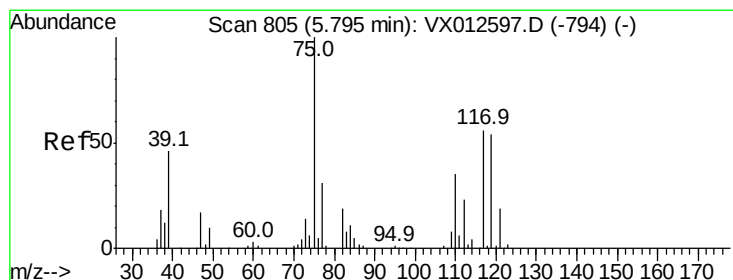
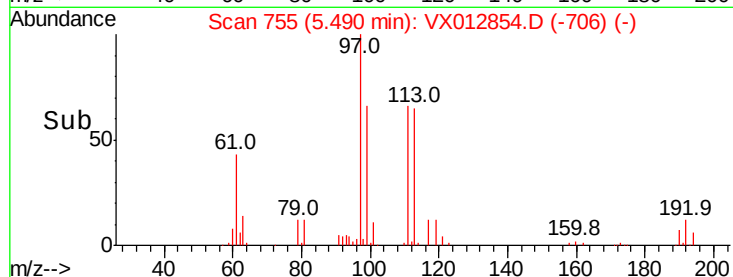
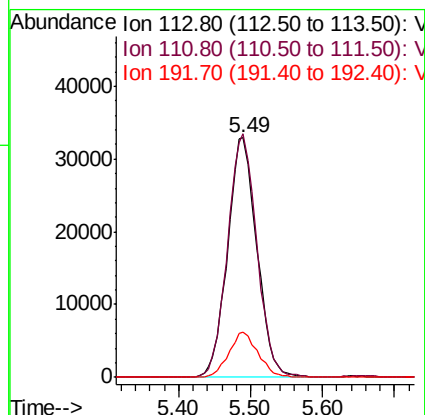
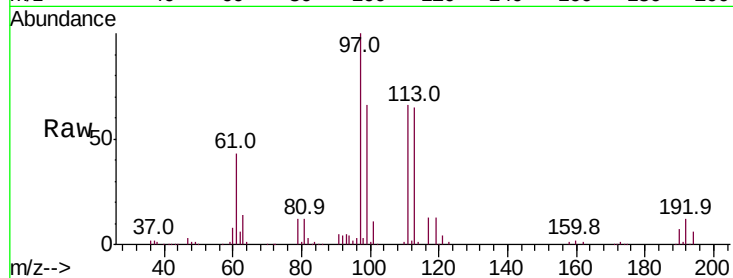




#35
 Dibromofluoromethane
 Concen: 47.801 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

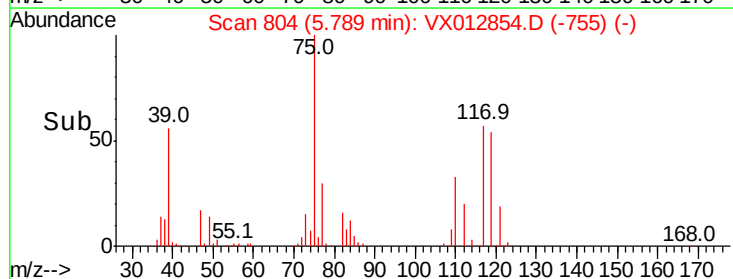
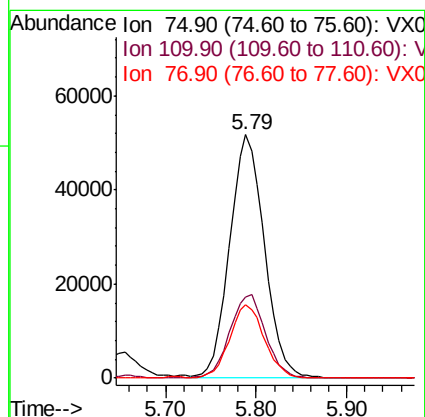
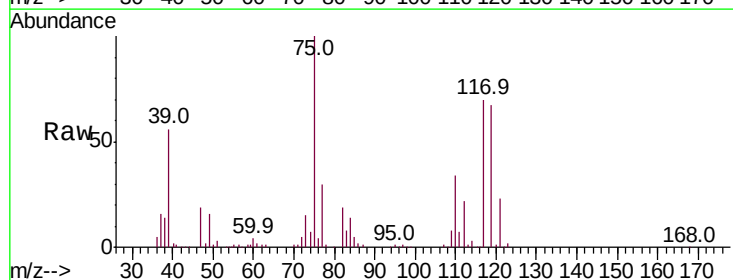
Instrument :
 MSVOA_X
 ClientSampleId :

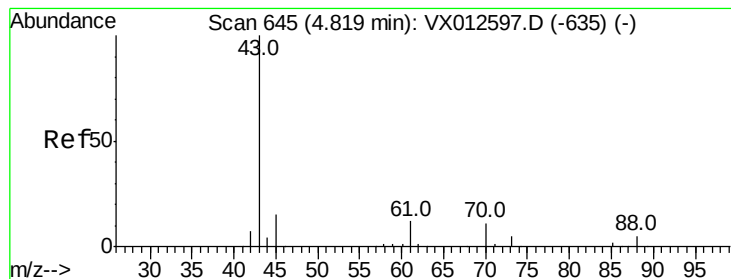
Tot Ion:113 Resp: 93438
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.4 125.2
 192 18.6 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 43.350 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion: 75 Resp: 137148
 Ion Ratio Lower Upper
 75 100
 110 35.3 16.7 50.0
 77 30.3 24.2 36.2





#37

Ethyl Acetate

Concen: 43.776 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

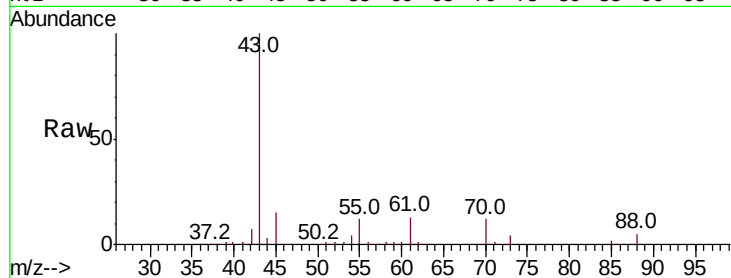
Tot Ion: 43 Resp: 161915

Ion Ratio Lower Upper

43 100

61 13.9 10.2 15.4

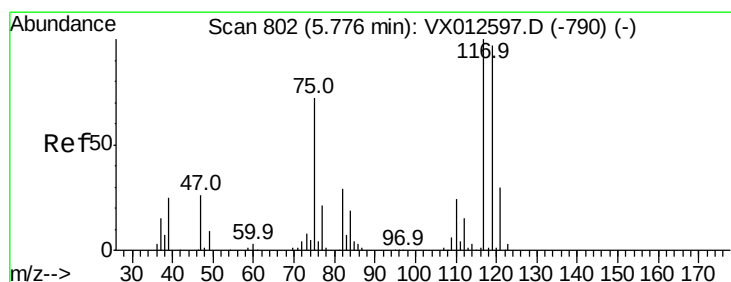
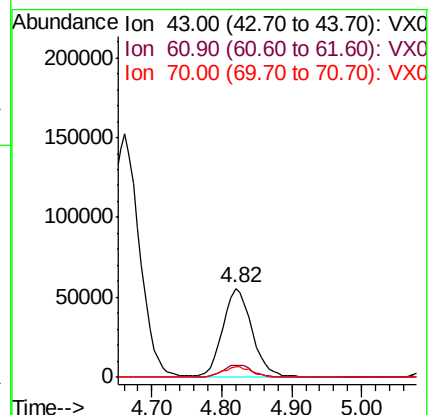
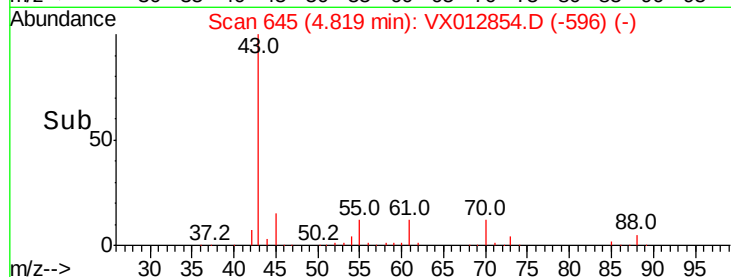
70 11.9 8.7 13.1



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: 43.057 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

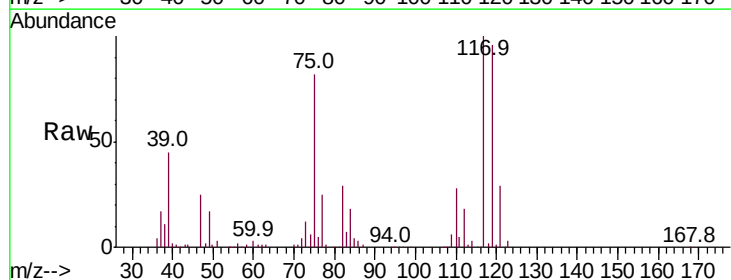
Tgt Ion: 117 Resp: 138376

Ion Ratio Lower Upper

117 100

119 95.6 75.7 113.5

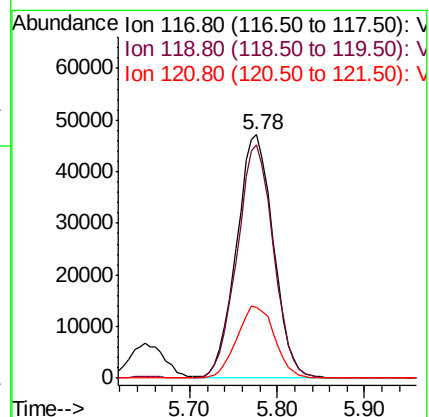
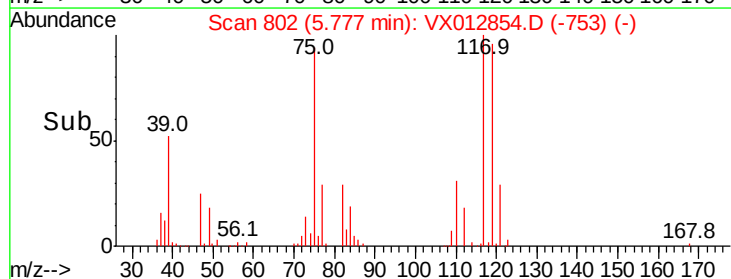
121 29.2 24.2 36.4

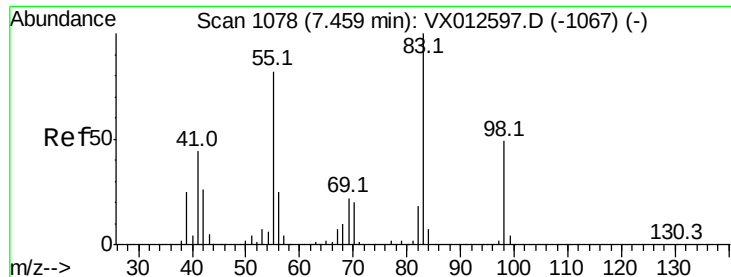


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

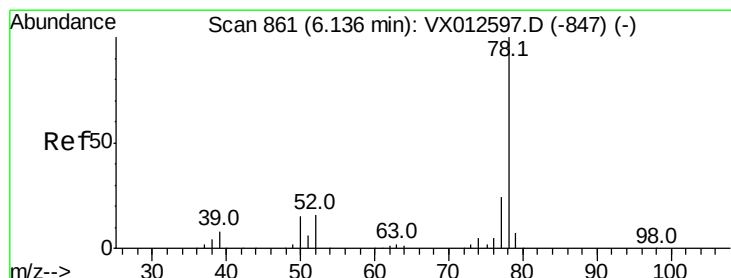
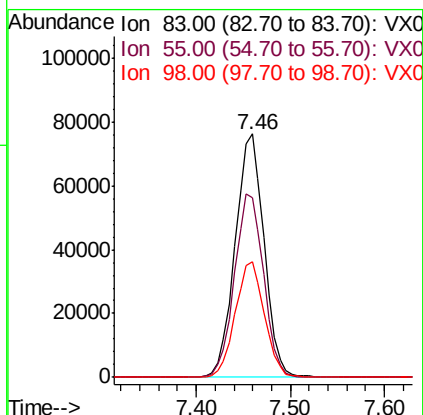
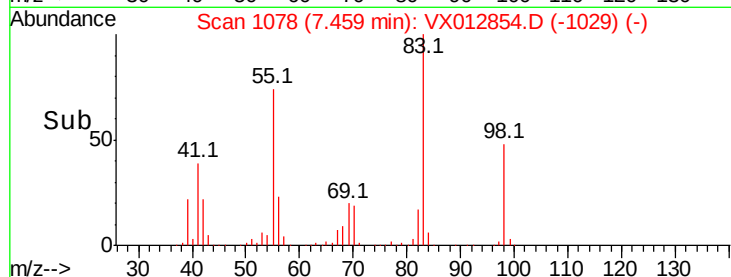
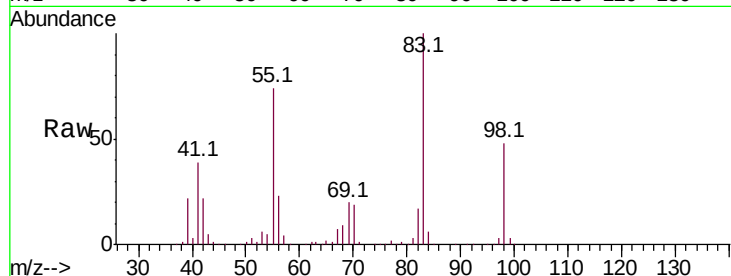




#39
Methylvlcyclohexane
Concen: 42.692 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

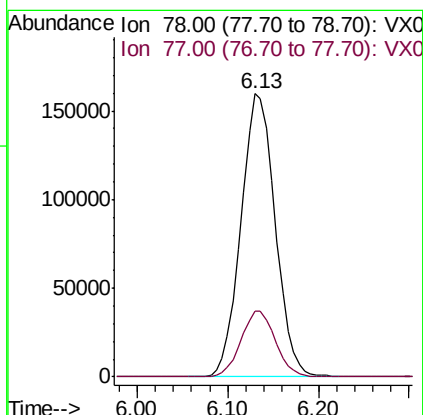
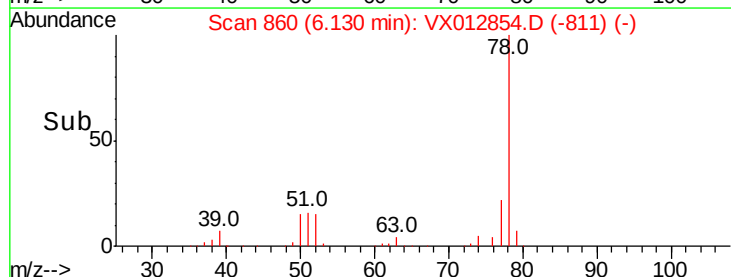
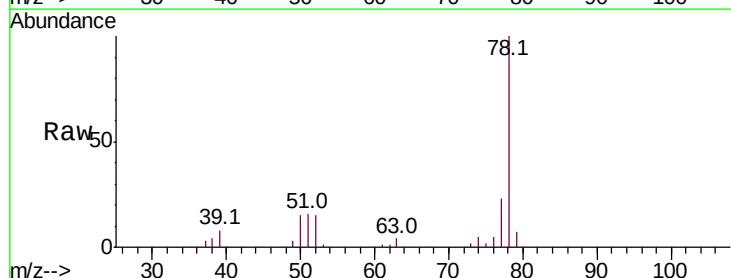
Instrument :
MSVOA_X
ClientSampleId :

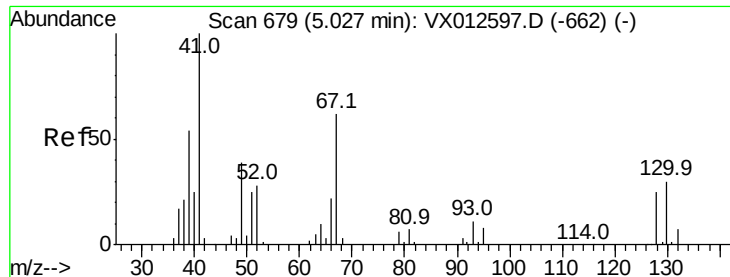
Tot Ion: 83 Resp: 162600
Ion Ratio Lower Upper
83 100
55 73.5 64.4 96.6
98 47.7 40.1 60.1



#40
Benzene
Concen: 44.852 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 78 Resp: 417508
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8





#41

Methacrylonitrile

Concen: 44.434 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 92211

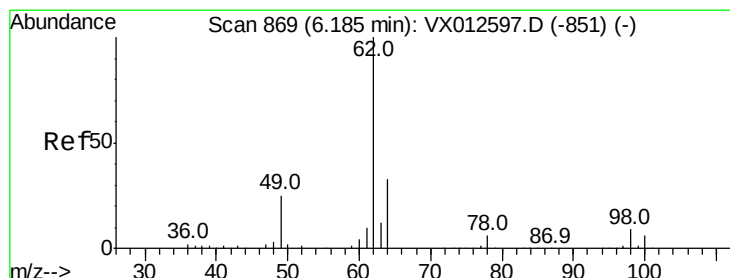
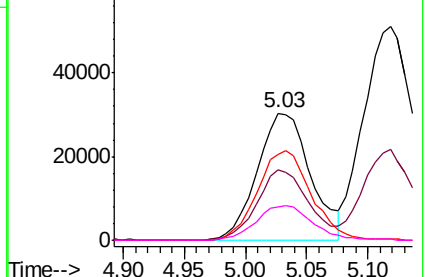
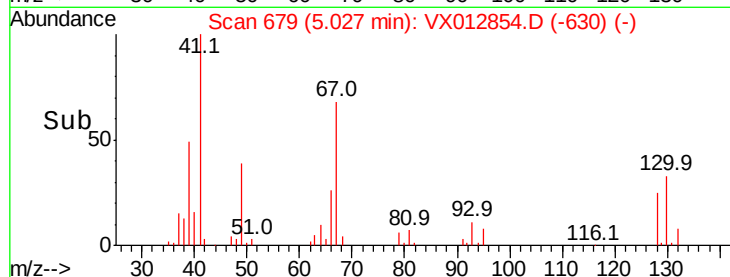
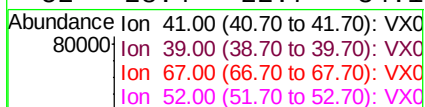
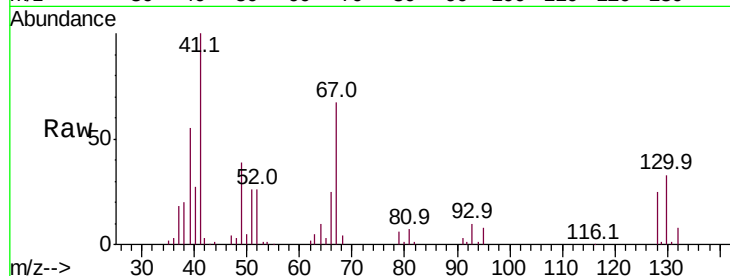
Ion Ratio Lower Upper

41 100

39 53.8 46.0 69.0

67 71.1 52.2 78.2

52 28.4 22.7 34.1



#42

1,2-Dichloroethane

Concen: 43.095 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012854.D

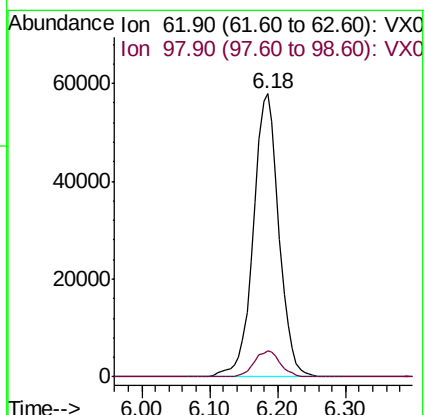
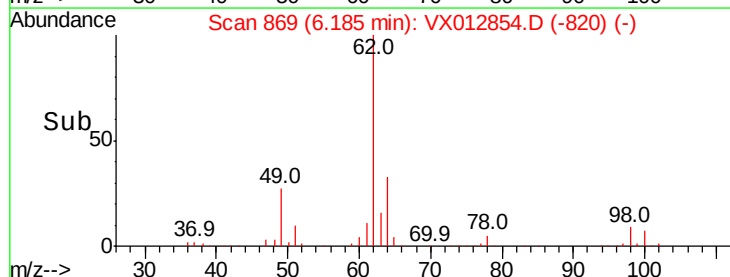
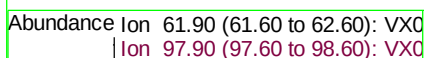
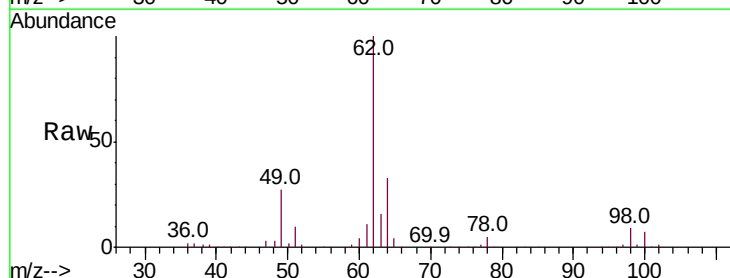
Acq: 07 Oct 2019 21:27

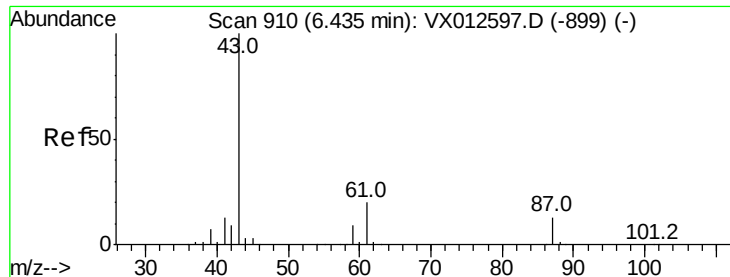
Tgt Ion: 62 Resp: 152333

Ion Ratio Lower Upper

62 100

98 9.4 0.0 17.8





#43

Isopropyl Acetate

Concen: 43.671 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampled :

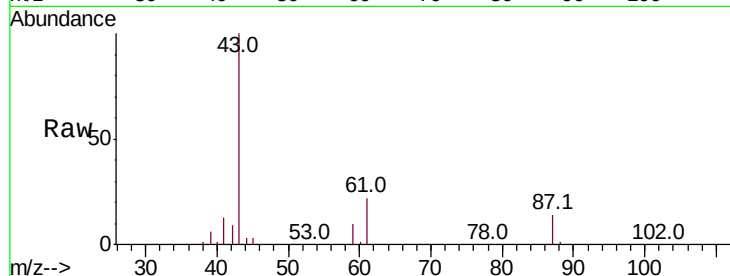
Tot Ion: 43 Resp: 270123

Ion Ratio Lower Upper

43 100

61 21.0 15.4 23.0

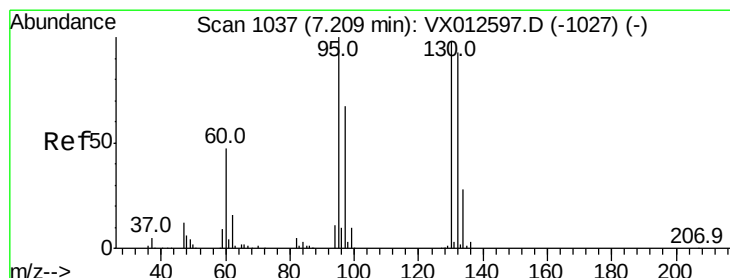
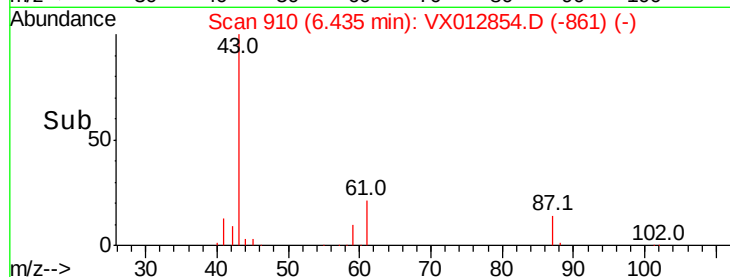
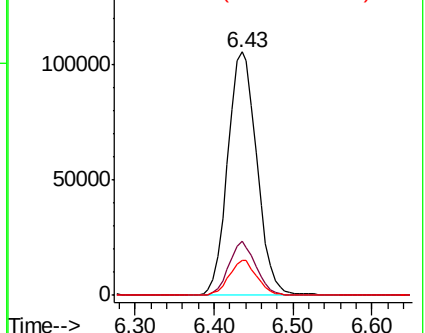
87 13.8 9.8 14.8



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: 45.447 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012854.D

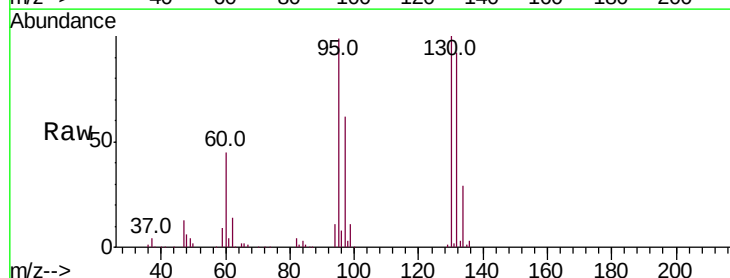
Acq: 07 Oct 2019 21:27

Tgt Ion:130 Resp: 108151

Ion Ratio Lower Upper

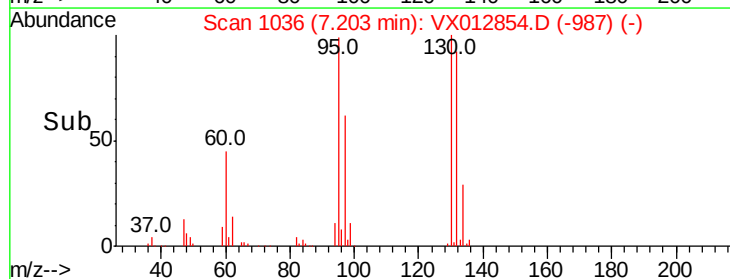
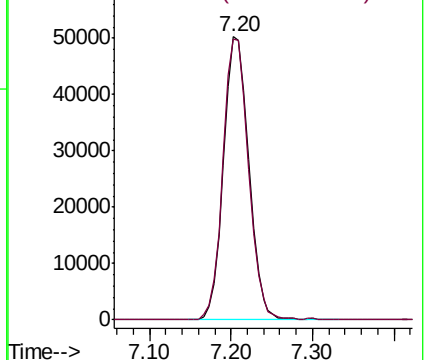
130 100

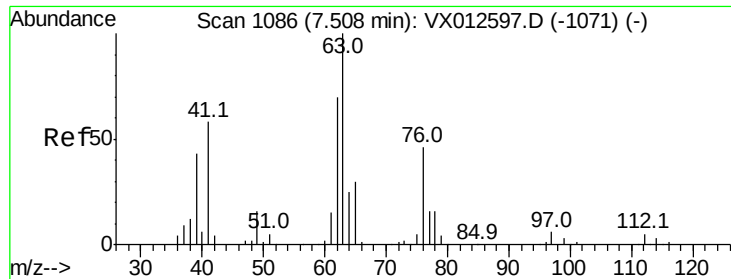
95 99.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

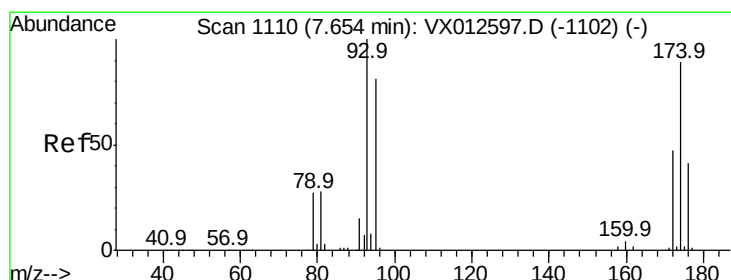
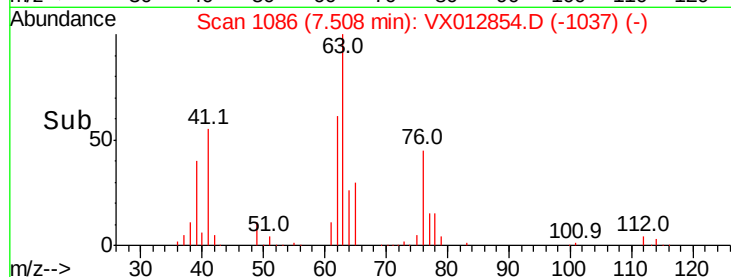
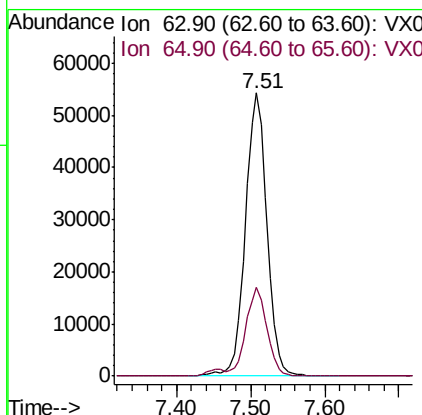
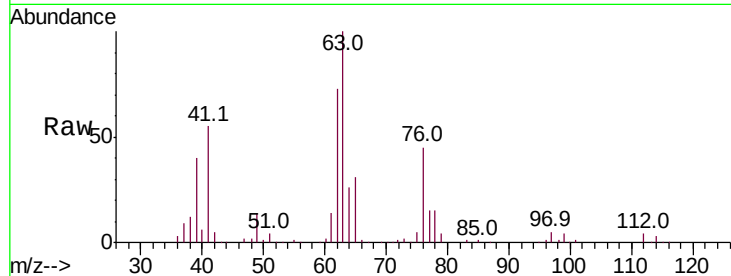




#45
 1,2-Dichloropropane
 Concen: 46.342 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

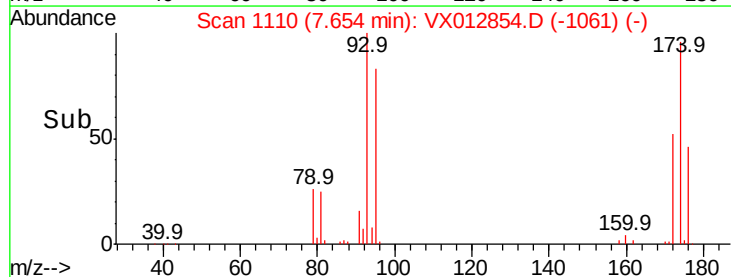
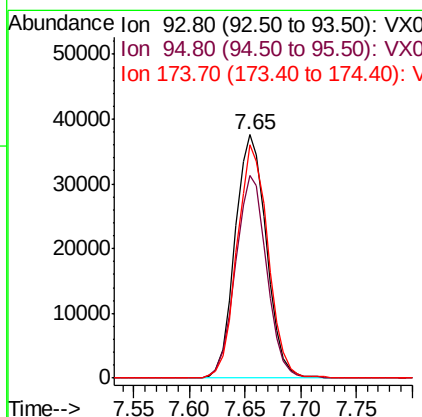
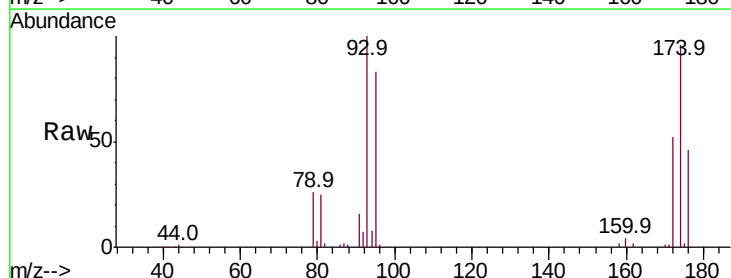
Instrument :
 MSVOA_X
 ClientSampleId :

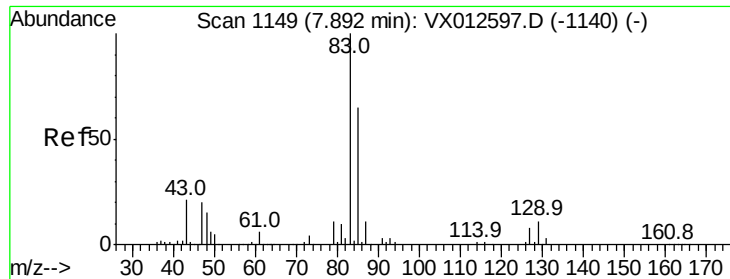
Tot Ion: 63 Resp: 110443
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 45.096 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion: 93 Resp: 73174
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 100.0
 174 94.9 77.4 116.0





#47

Bromodichloromethane

Concen: 45.125 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

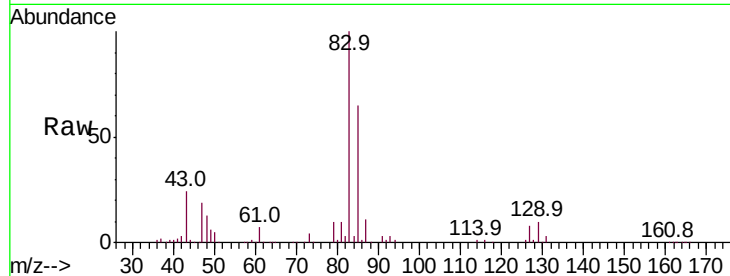
Tot Ion: 83 Resp: 146341

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

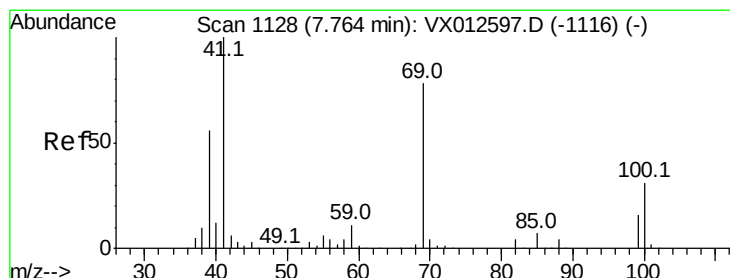
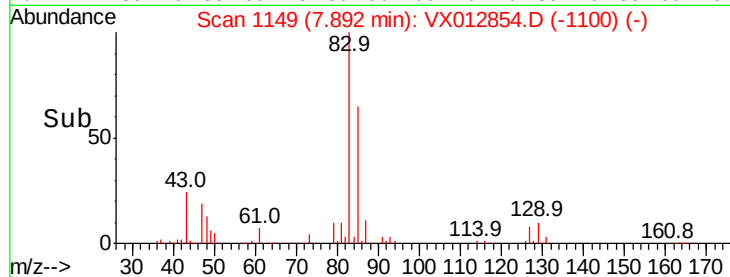
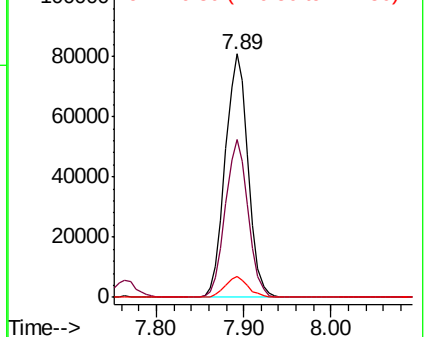
127 8.4 7.3 10.9



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: 44.943 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

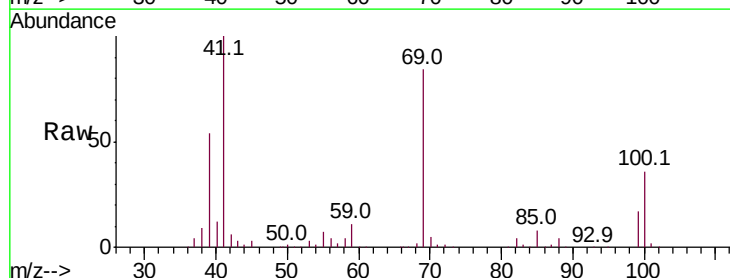
Tgt Ion: 41 Resp: 133297

Ion Ratio Lower Upper

41 100

69 82.6 59.9 89.9

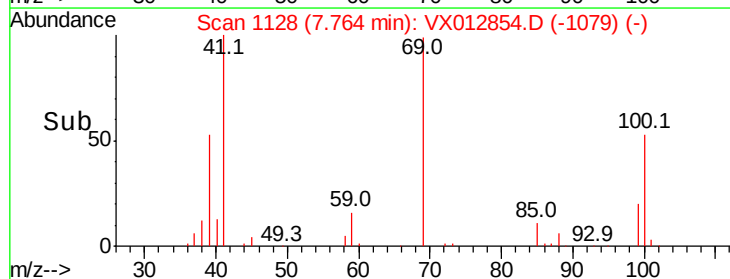
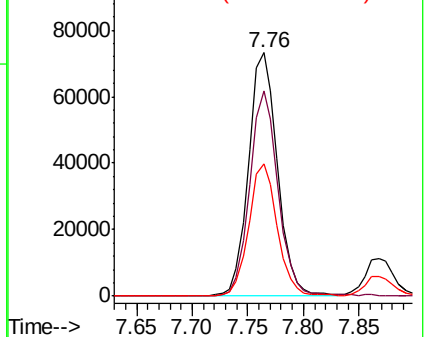
39 53.4 47.8 71.6

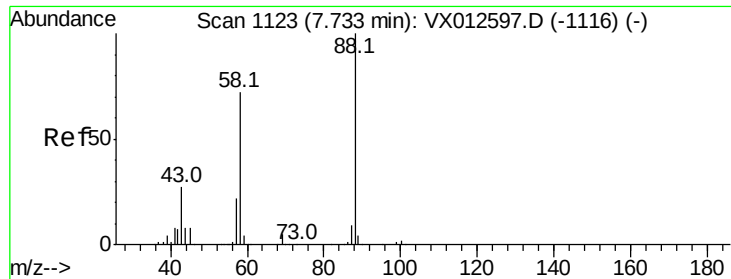


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

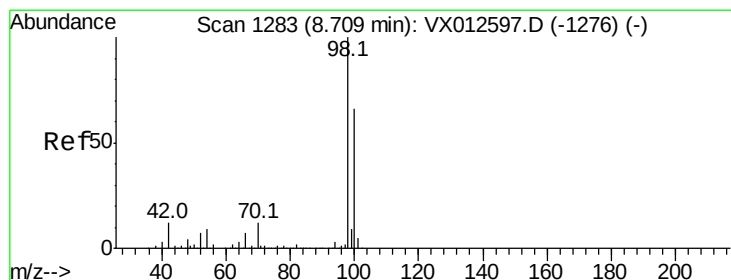
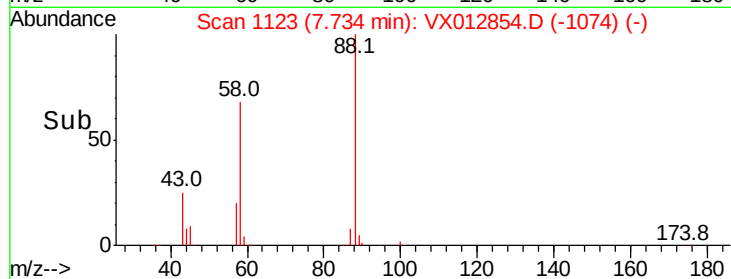
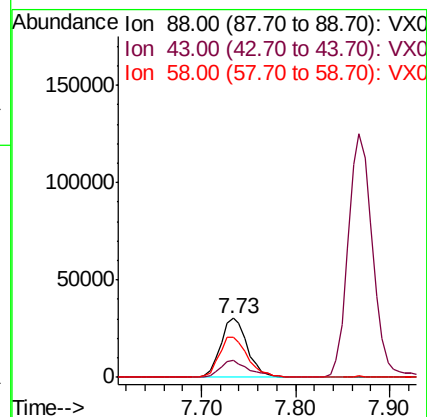
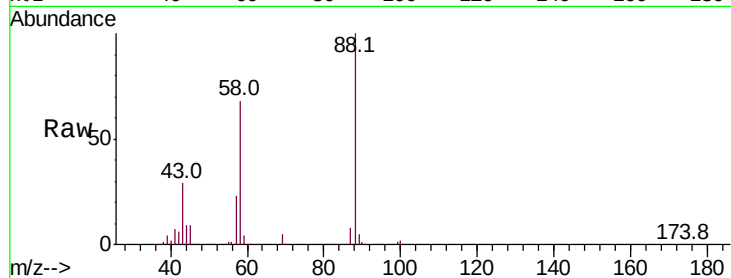




#49
1,4-Dioxane
Concen: 887.254 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

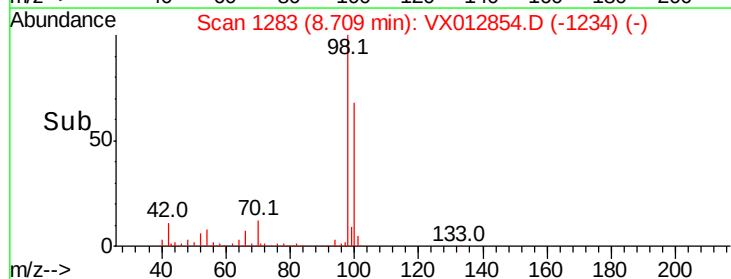
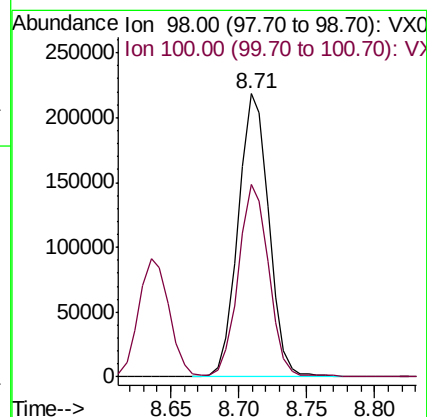
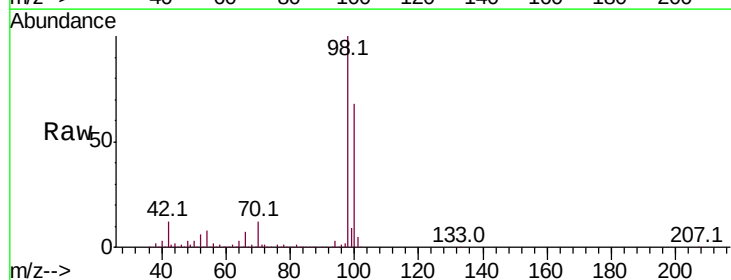
Instrument :
MSVOA_X
ClientSampleId :

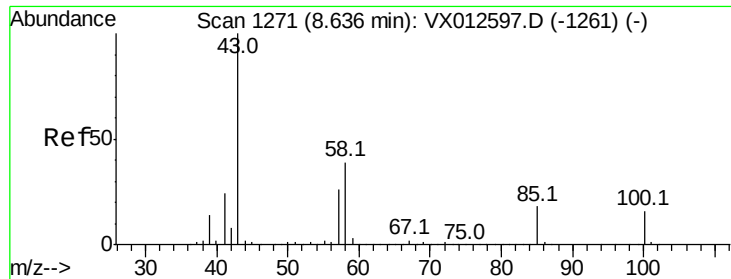
Tot Ion: 88 Resp: 59687
Ion Ratio Lower Upper
88 100
43 32.3 29.4 44.0
58 72.2 57.5 86.3



#50
Toluene-d8
Concen: 45.611 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 98 Resp: 343351
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 221.342 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

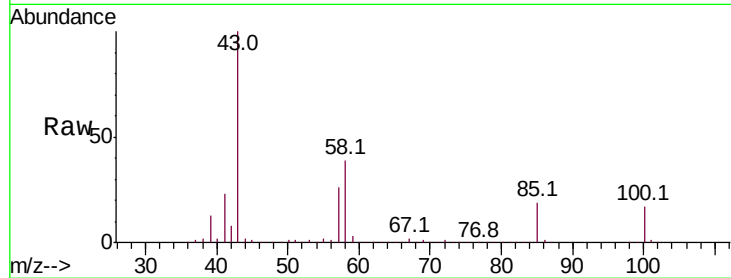
ClientSampleId :

Tot Ion: 43 Resp: 845123

Ion Ratio Lower Upper

43 100

58 39.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

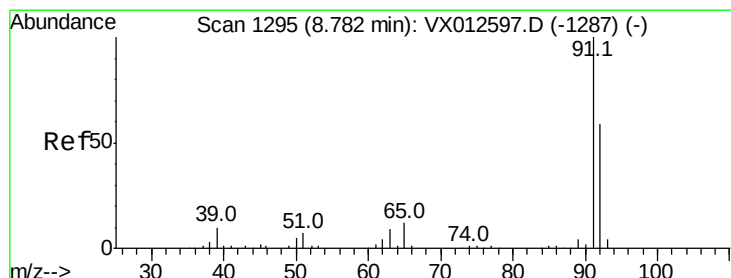
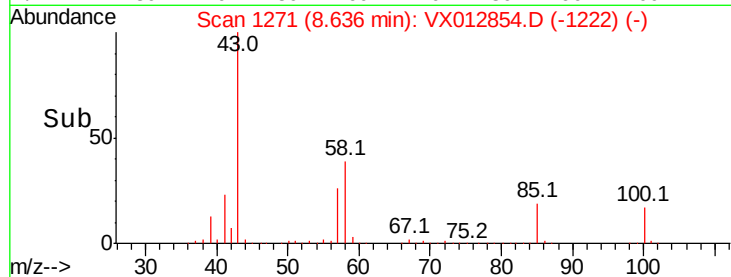
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 45.477 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012854.D

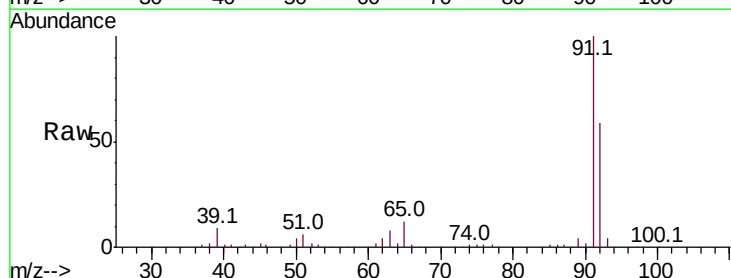
Acq: 07 Oct 2019 21:27

Tgt Ion: 92 Resp: 266067

Ion Ratio Lower Upper

92 100

91 168.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

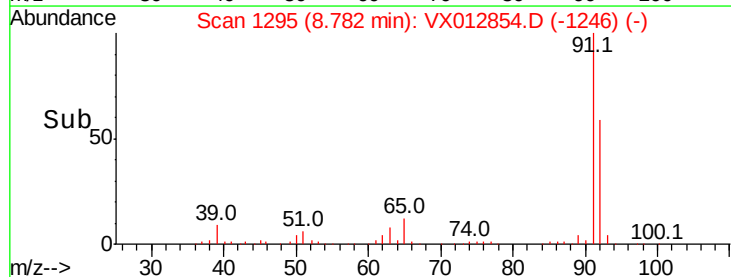
300000

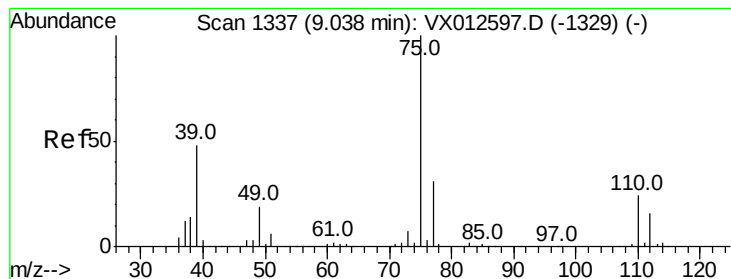
200000

100000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 45.906 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

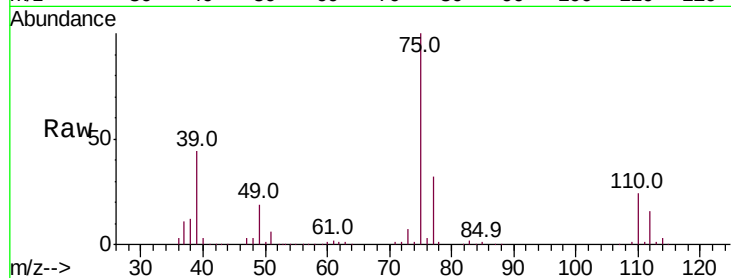
ClientSampleId :

Tot Ion: 75 Resp: 164716

Ion Ratio Lower Upper

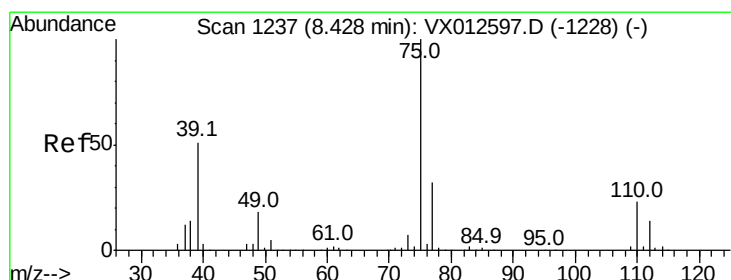
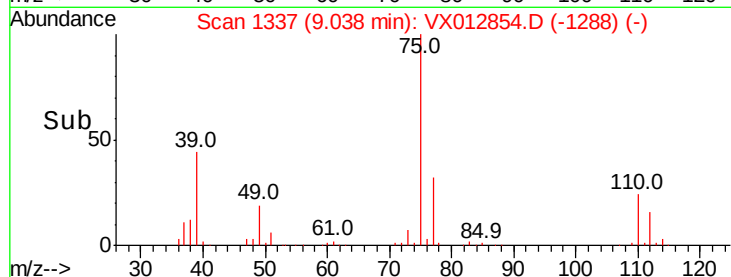
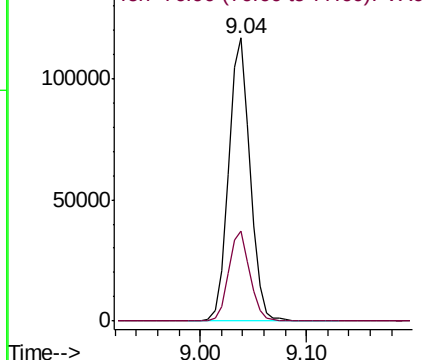
75 100

77 31.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 45.639 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

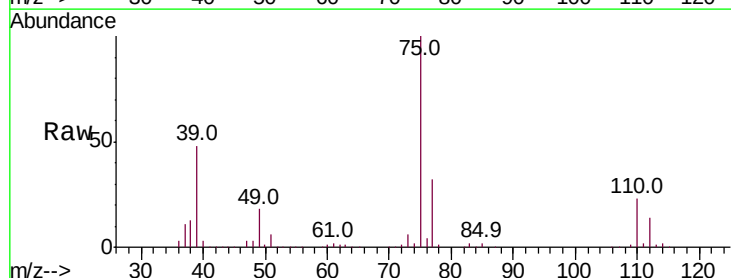
Tgt Ion: 75 Resp: 178798

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

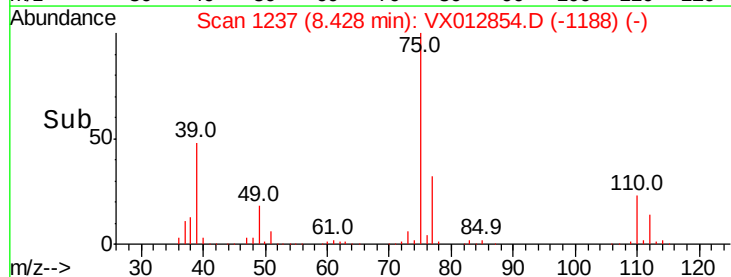
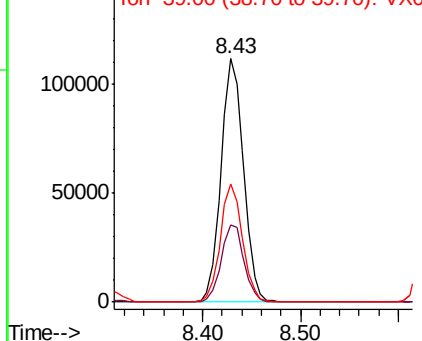
39 48.2 45.5 68.3

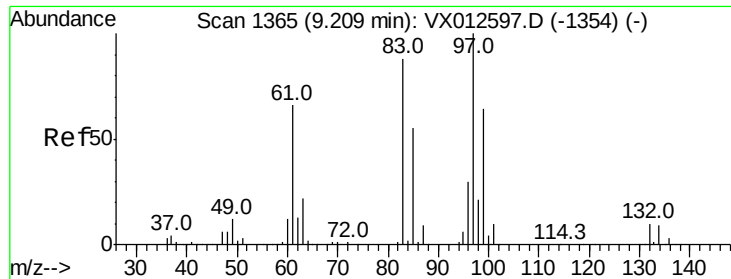


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

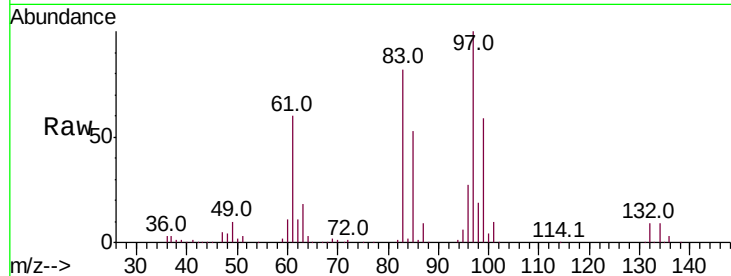




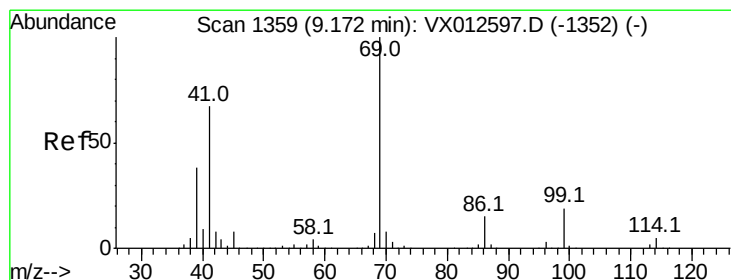
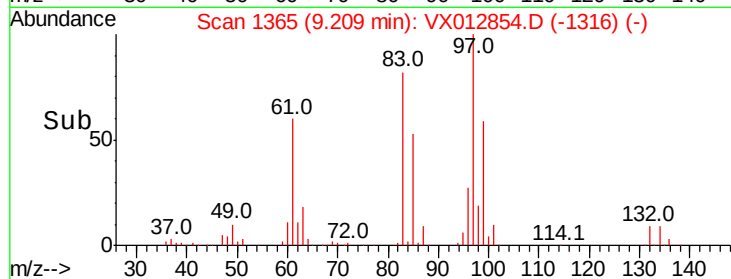
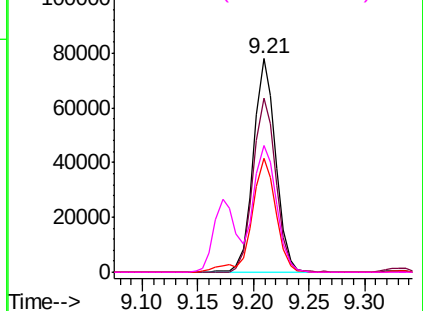
#55
 1,1,2-Trichloroethane
 Concen: 47.060 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	109461
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.4	101.2
85	53.3	43.5	65.3
99	59.1	51.8	77.8

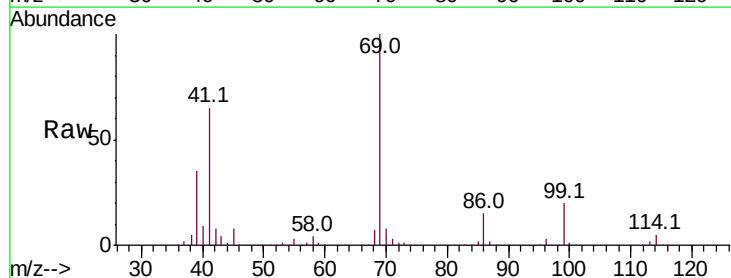


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

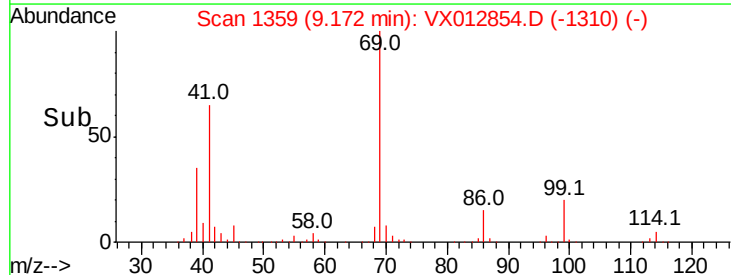
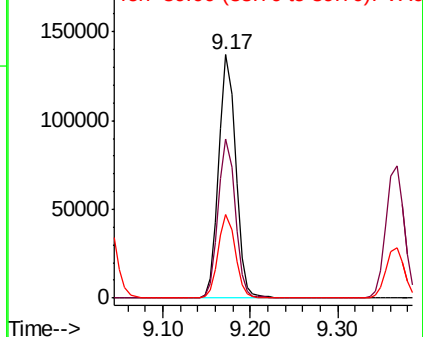


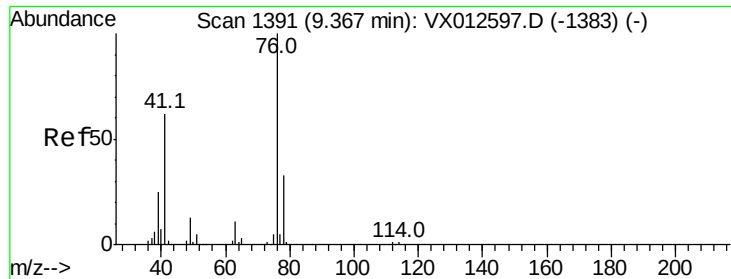
#56
 Ethyl methacrylate
 Concen: 47.318 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion:	69	Resp:	184904
Ion	Ratio	Lower	Upper
69	100		
41	65.2	58.4	87.6
39	34.4	33.4	50.0



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

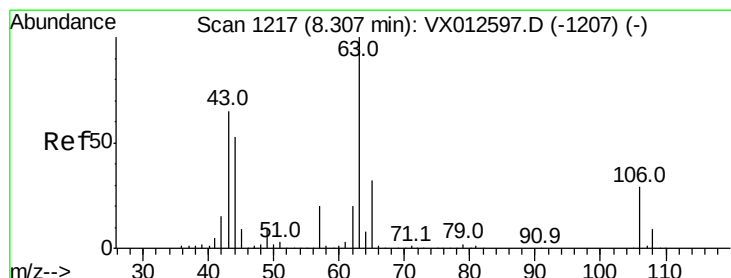
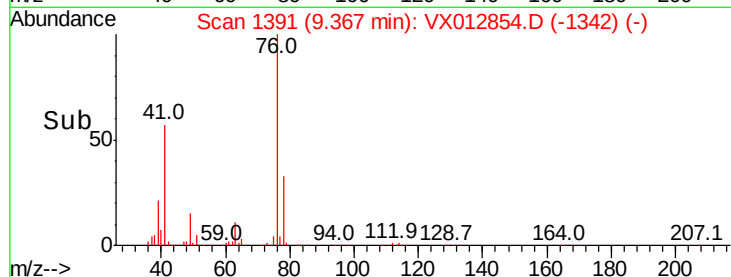
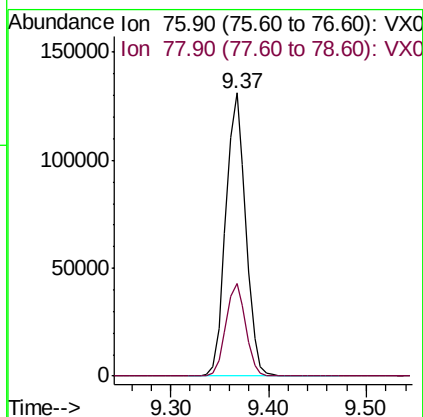
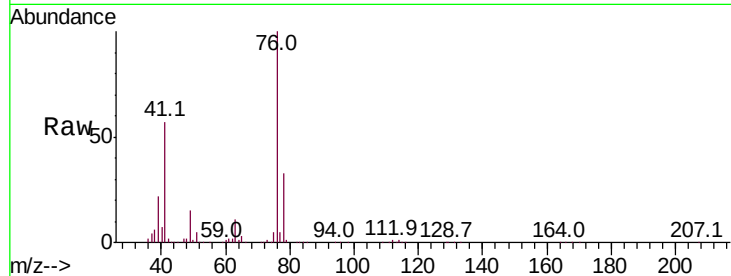




#57
 1,3-Dichloropropane
 Concen: 45.623 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

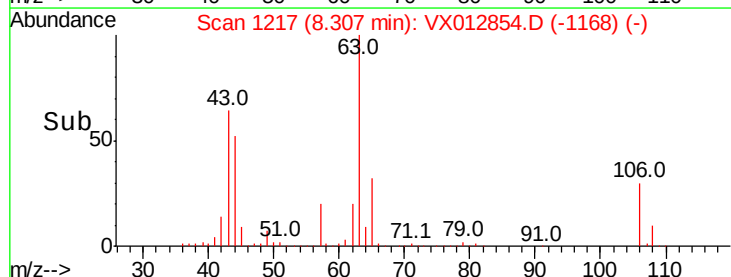
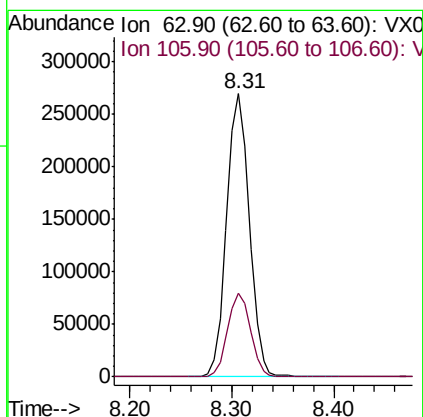
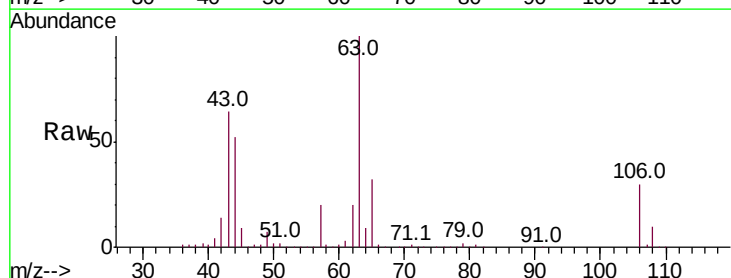
Instrument :
 MSVOA_X
 ClientSampled :

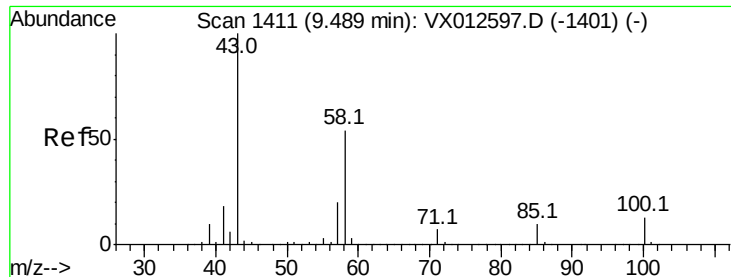
Tot Ion: 76 Resp: 185728
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.276 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion: 63 Resp: 416196
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.6

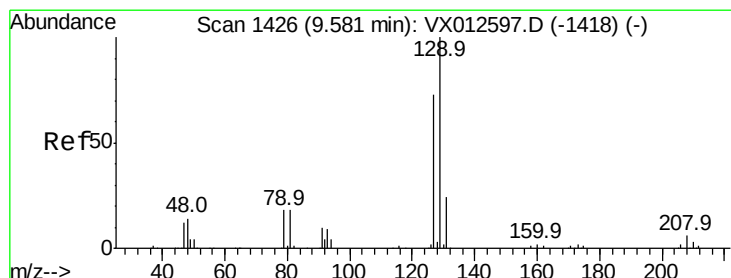
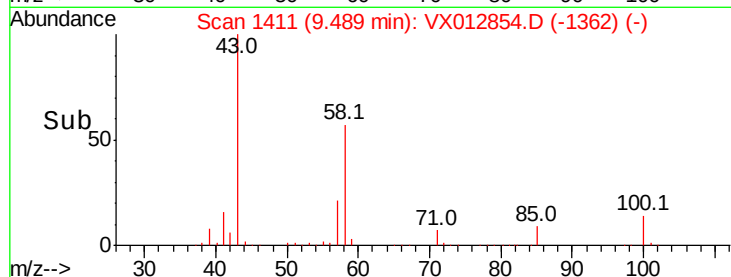
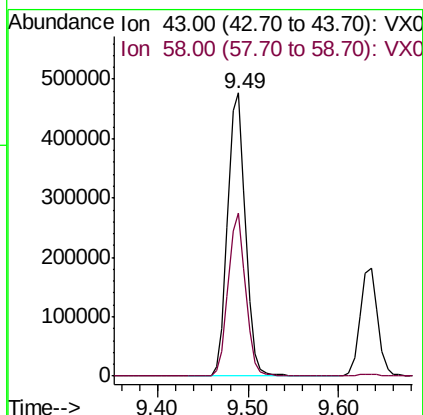
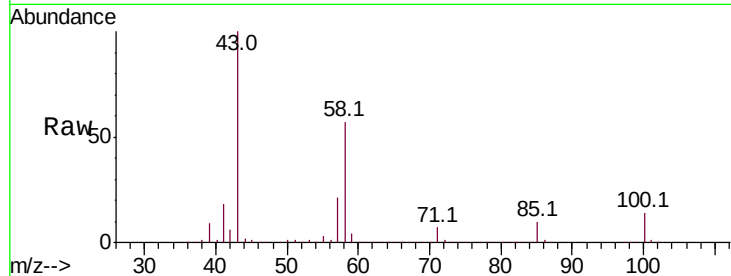




#59
2-Hexanone
Concen: 223.260 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

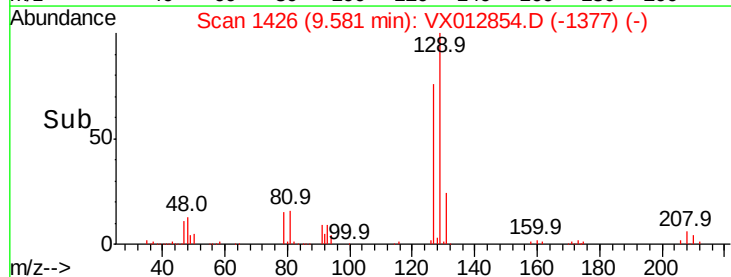
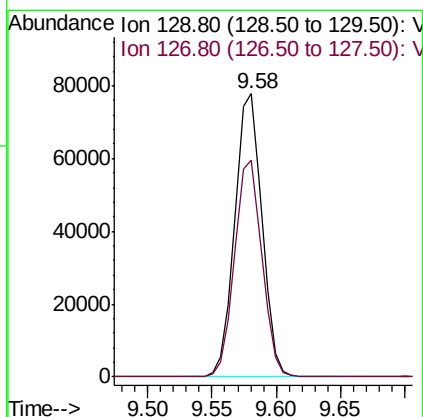
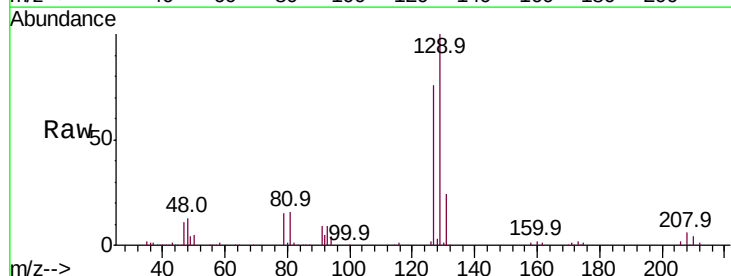
Instrument :
MSVOA_X
ClientSampled :

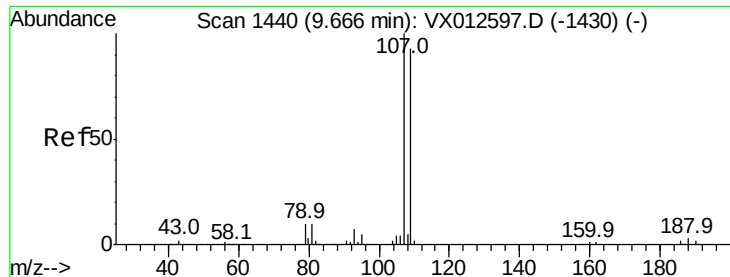
Tot Ion: 43 Resp: 652495
Ion Ratio Lower Upper
43 100
58 56.3 25.7 77.1



#60
Dibromochloromethane
Concen: 48.606 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion:129 Resp: 114448
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 46.948 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

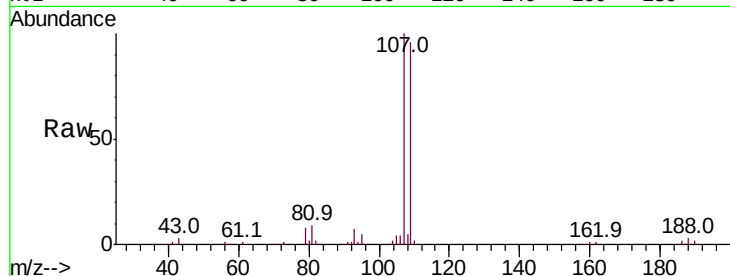
ClientSampleId :

Tot Ion:107 Resp: 113649

Ion Ratio Lower Upper

107 100

109 95.5 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

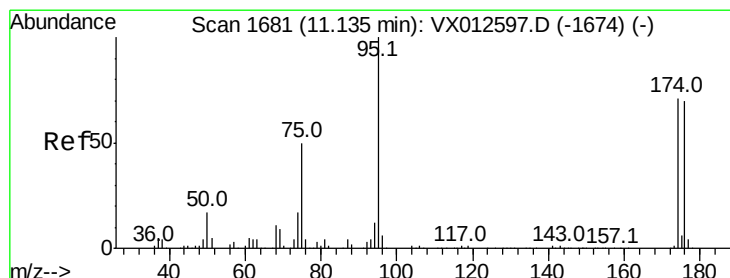
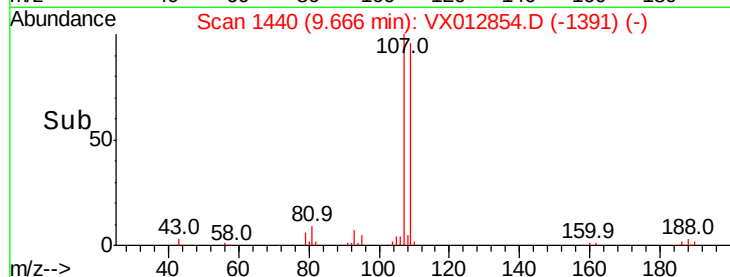
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 45.766 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

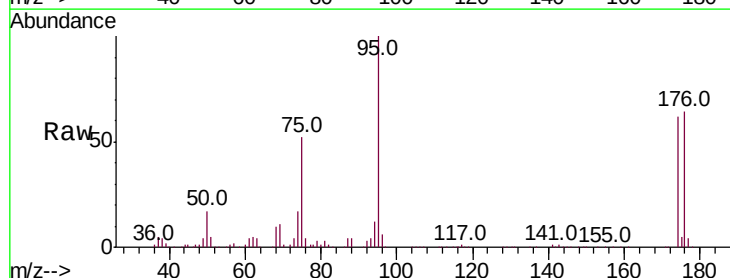
Tgt Ion: 95 Resp: 135466

Ion Ratio Lower Upper

95 100

174 72.3 0.0 140.0

176 69.7 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

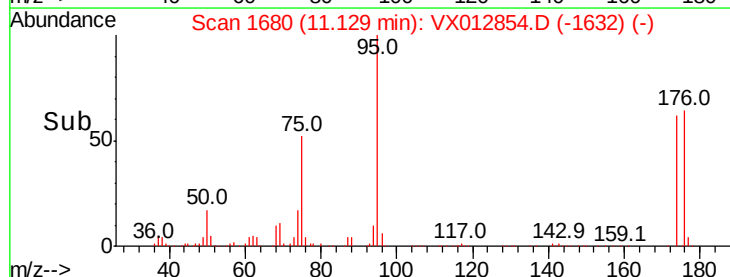
100000

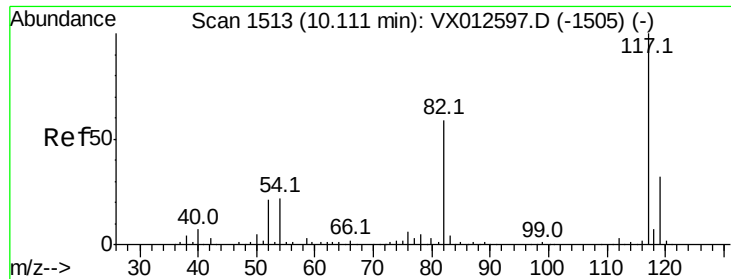
50000

0

Time-->

11.05 11.10 11.15 11.20

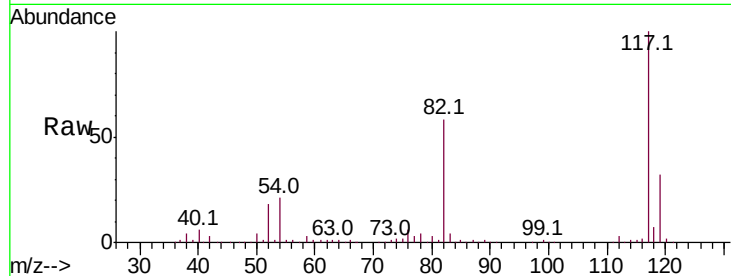




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.9	68.9
119	31.9	25.3	37.9

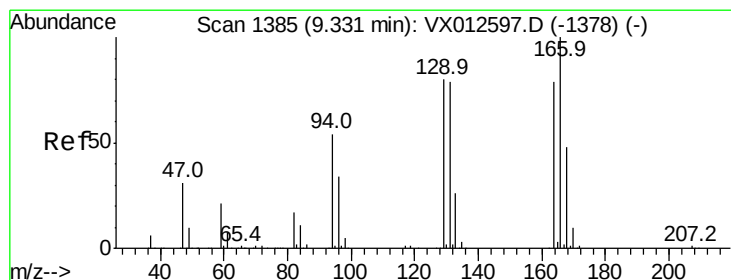
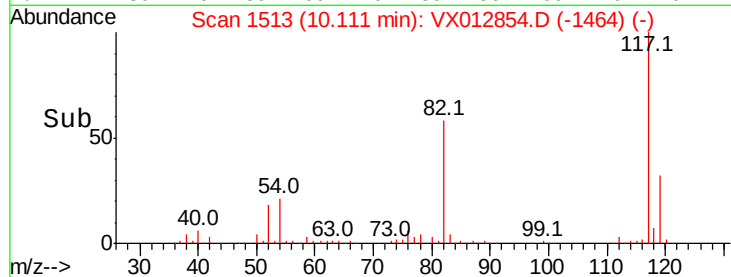
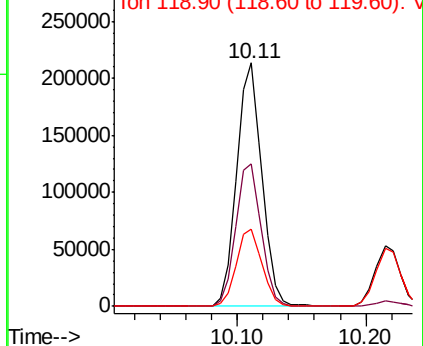


Abundance

Ion 116.90 (116.60 to 117.60): V

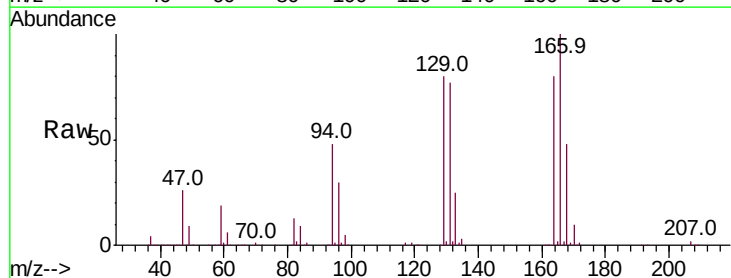
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.134 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	107.8	161.6
129	100.0	86.2	129.2
131	95.8	80.4	120.6



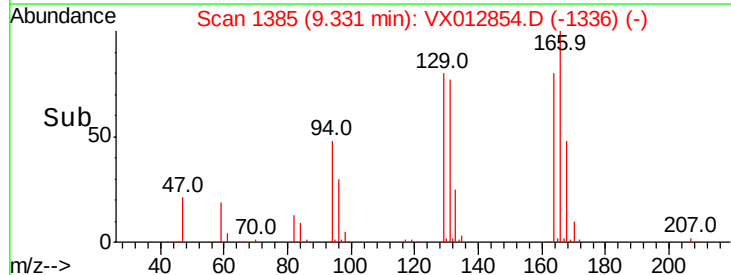
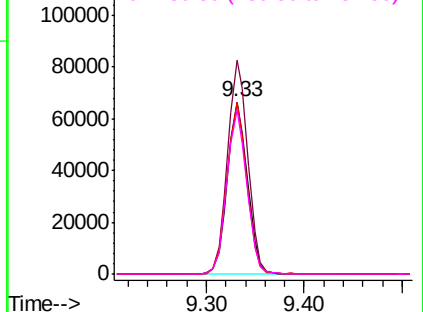
Abundance

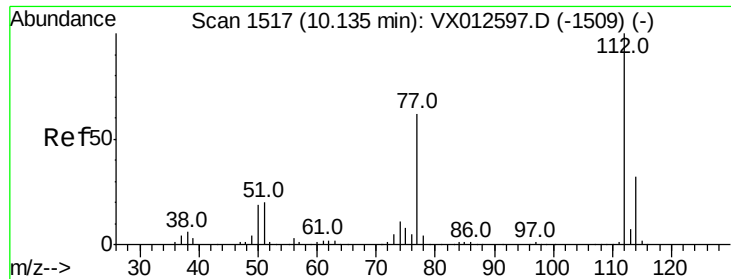
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

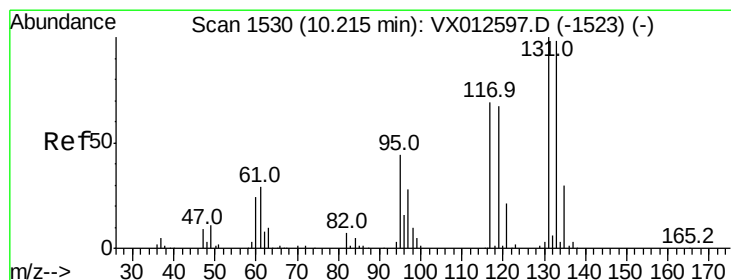
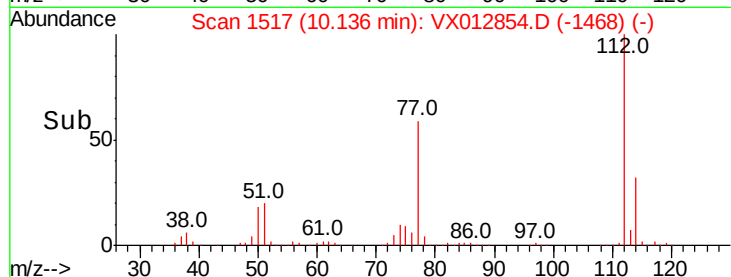
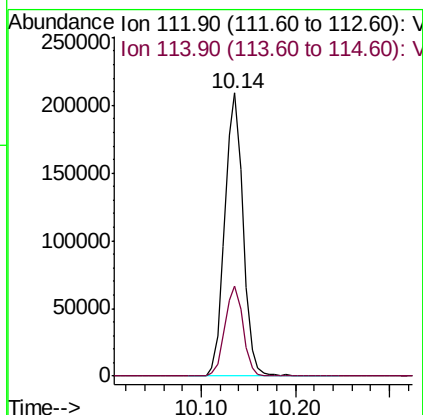
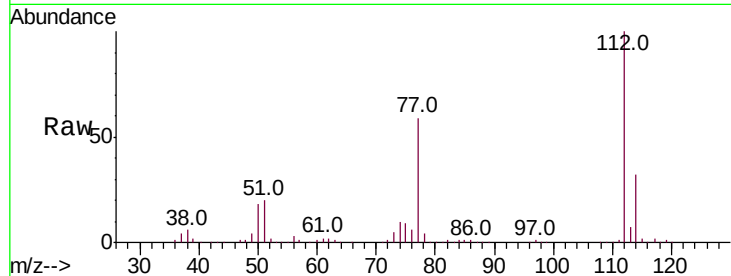




#65
Chlorobenzene
Concen: 46.185 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

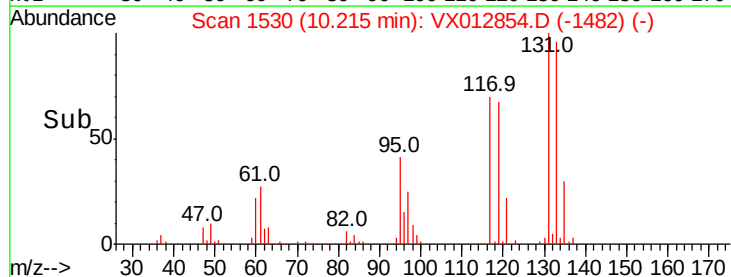
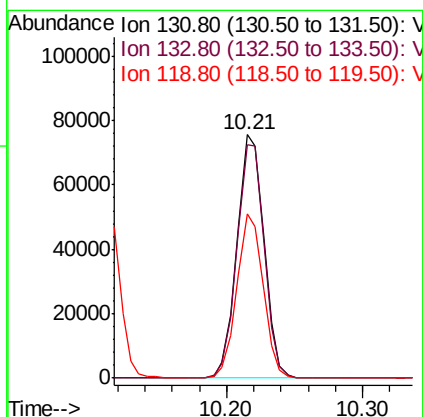
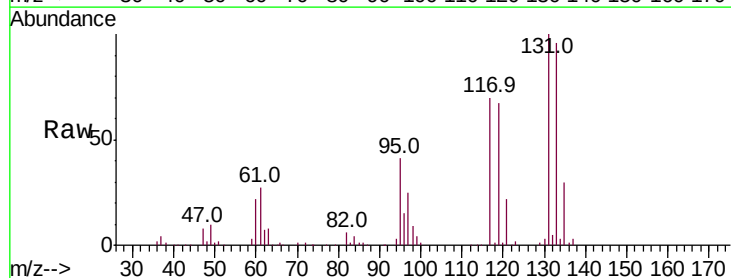
Instrument :
MSVOA_X
ClientSampled :

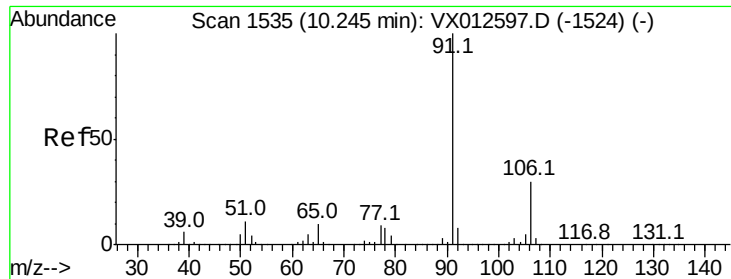
Tot Ion:112 Resp: 281700
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.183 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion:131 Resp: 104272
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.9
119 65.9 31.3 93.8

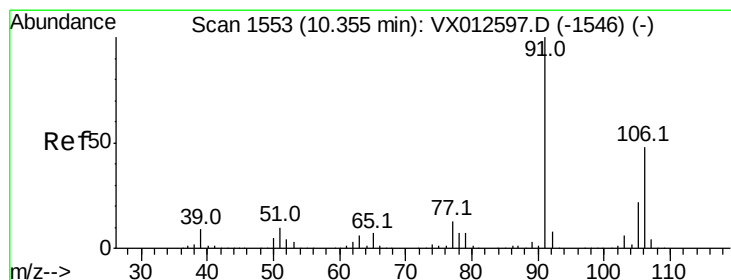
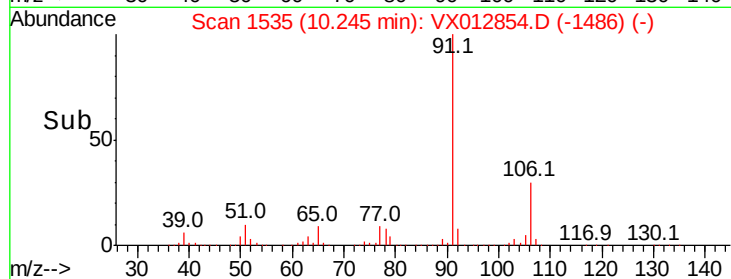
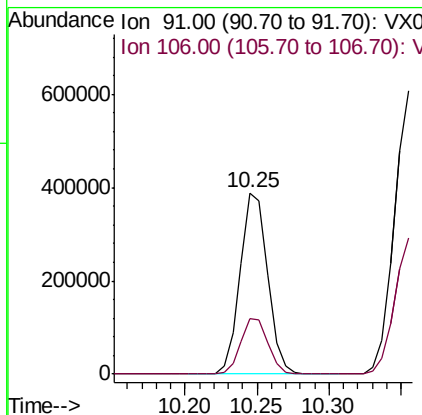
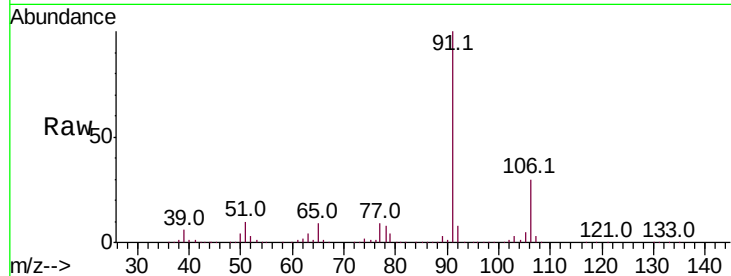




#67
Ethyl Benzene
Concen: 46.716 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

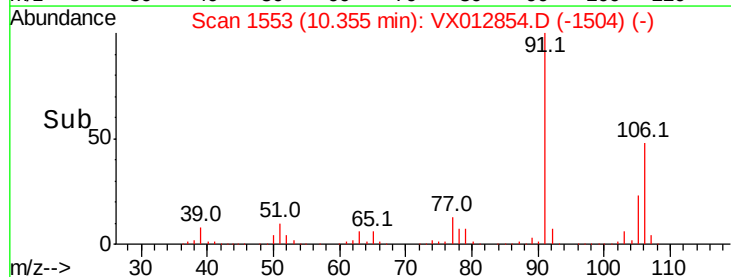
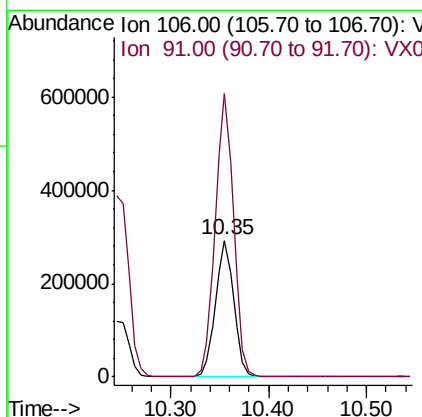
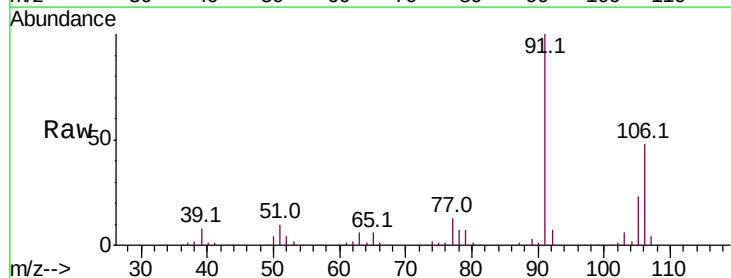
Instrument :
MSVOA_X
ClientSampled :

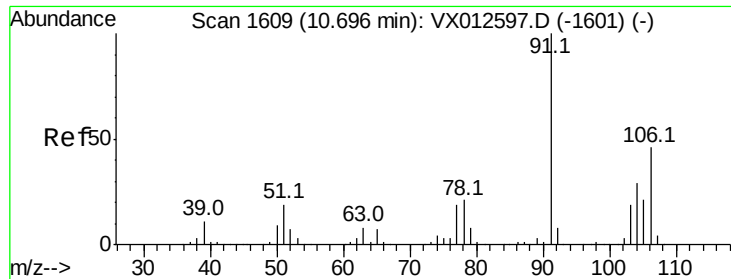
Tot Ion: 91 Resp: 516802
Ion Ratio Lower Upper
91 100
106 30.4 24.6 37.0



#68
m/p-Xylenes
Concen: 91.781 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion:106 Resp: 380349
Ion Ratio Lower Upper
106 100
91 208.5 166.6 250.0

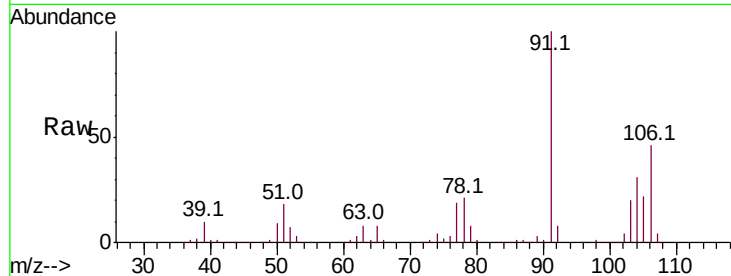




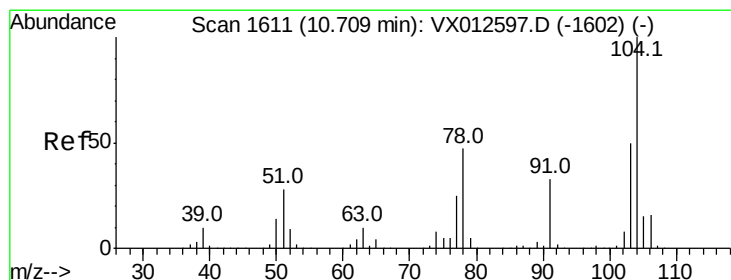
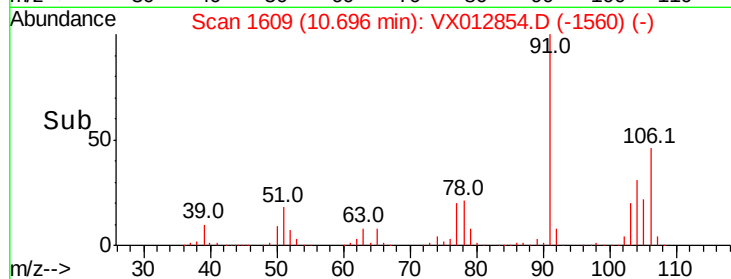
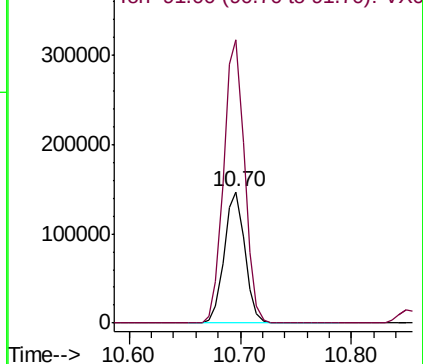
#69
o-Xylene
Concen: 46.919 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 188141
Ion Ratio Lower Upper
106 100
91 218.9 109.4 328.2

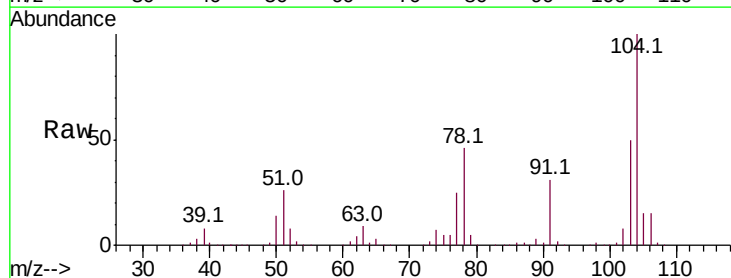


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

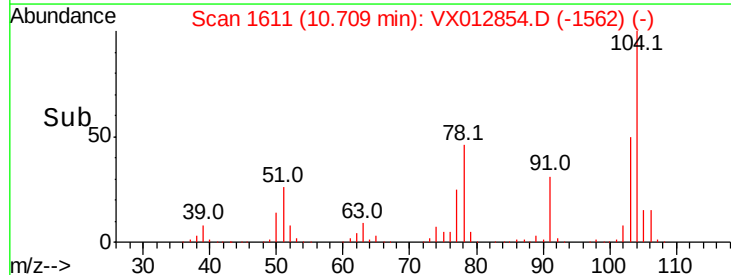
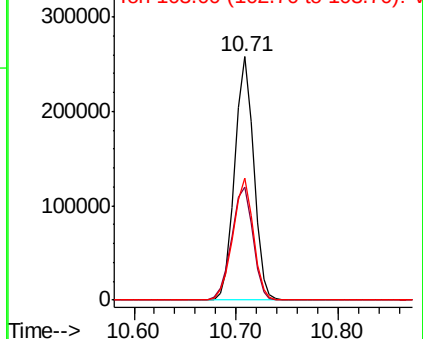


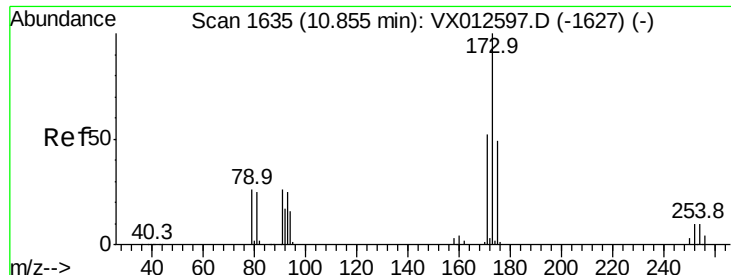
#70
Styrene
Concen: 49.050 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion:104 Resp: 329727
Ion Ratio Lower Upper
104 100
78 52.5 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: 52.125 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

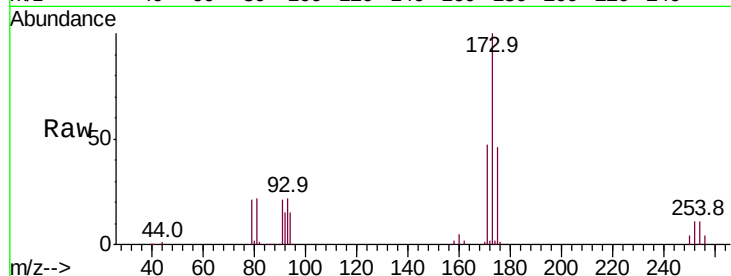
Tot Ion:173 Resp: 80210

Ion Ratio Lower Upper

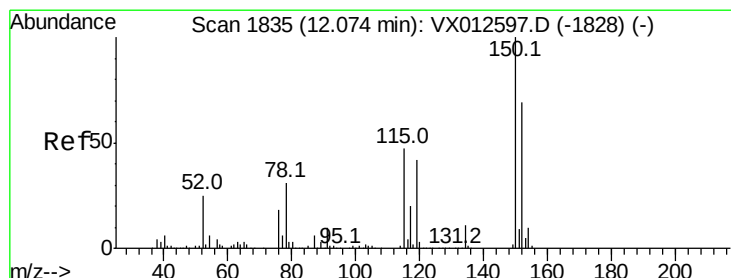
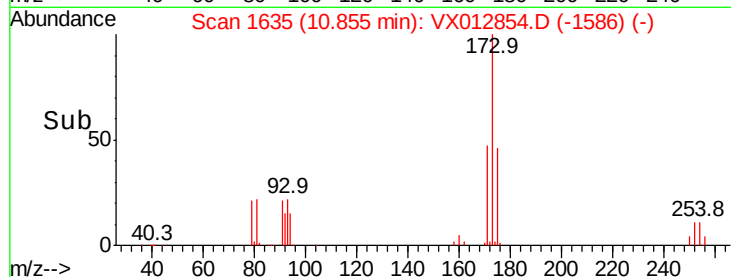
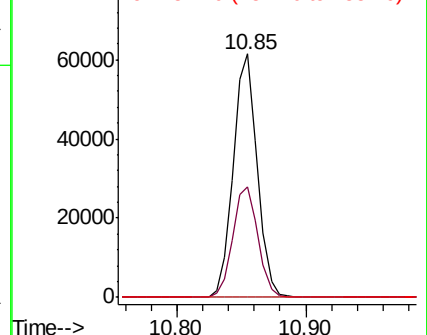
173 100

175 47.6 23.7 71.1

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

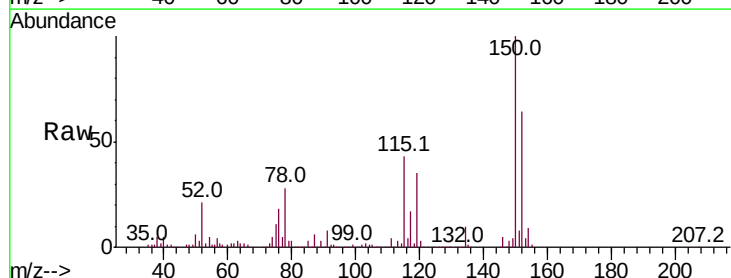
Tgt Ion:152 Resp: 138954

Ion Ratio Lower Upper

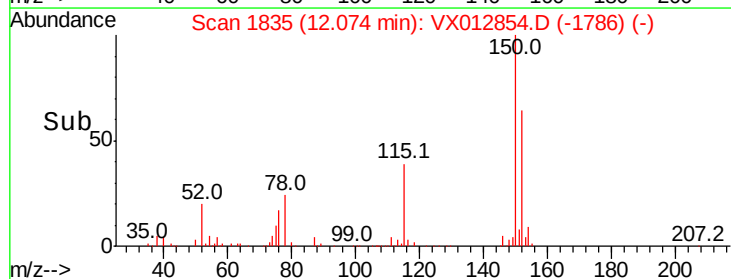
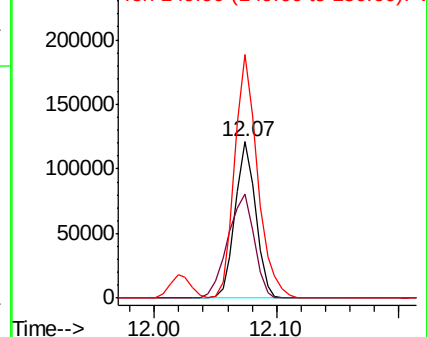
152 100

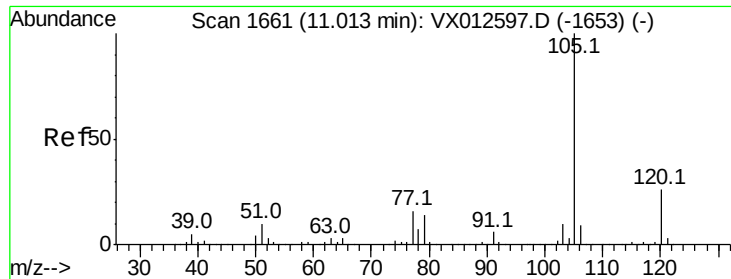
115 86.8 44.1 132.3

150 174.5 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: 44.903 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

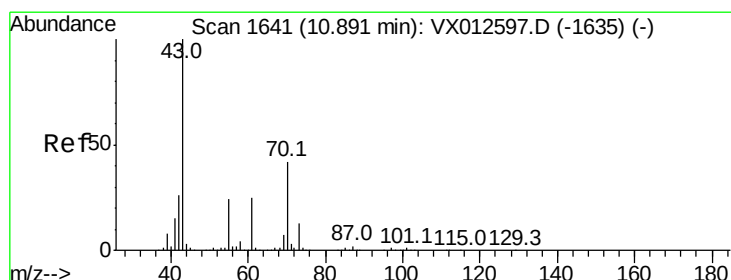
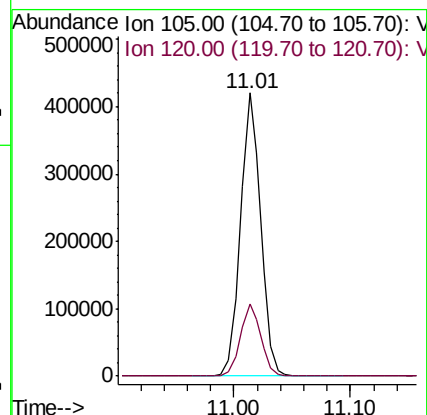
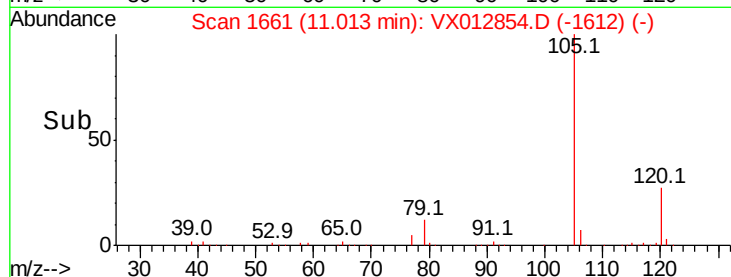
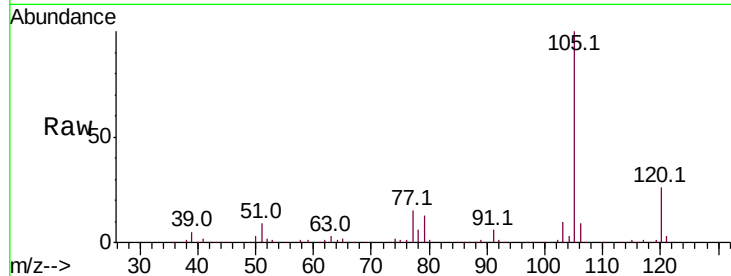
ClientSampleId :

Tot Ion:105 Resp: 508180

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 44.811 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Tgt Ion: 43 Resp: 241940

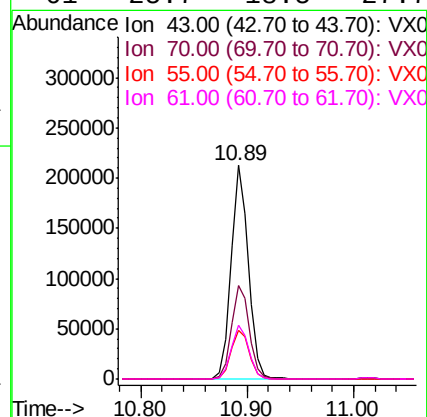
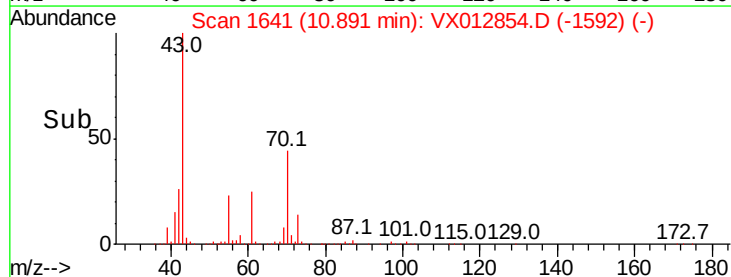
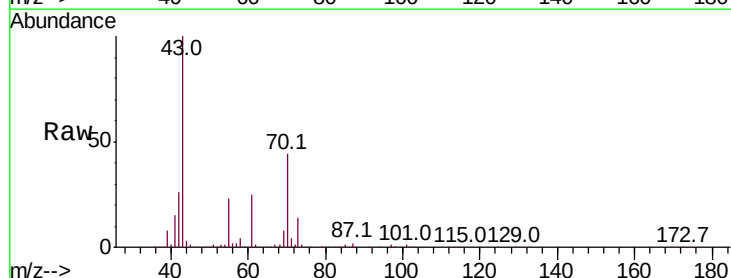
Ion Ratio Lower Upper

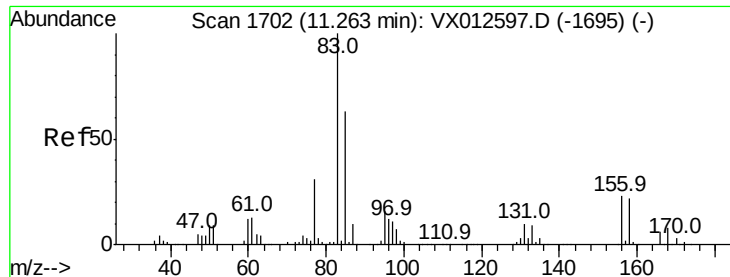
43 100

70 45.4 32.4 48.6

55 24.2 18.2 27.4

61 25.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.893 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

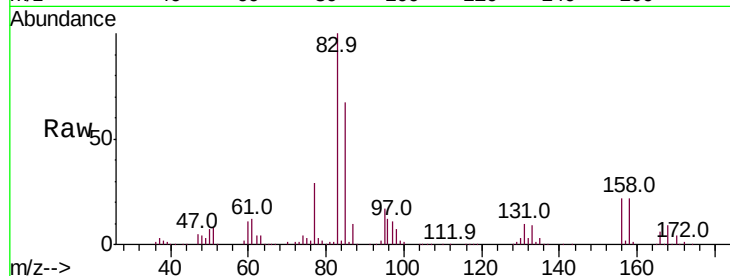
Tot Ion: 83 Resp: 175761

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

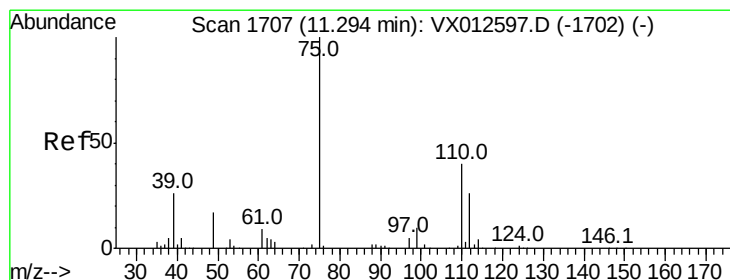
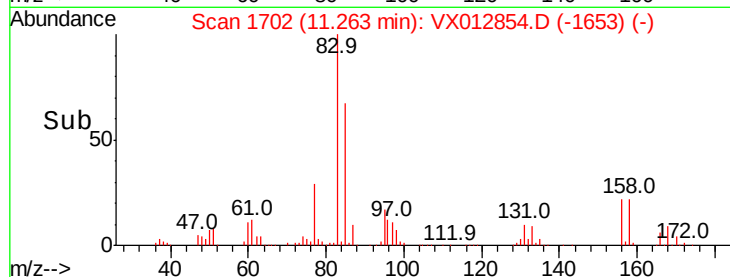
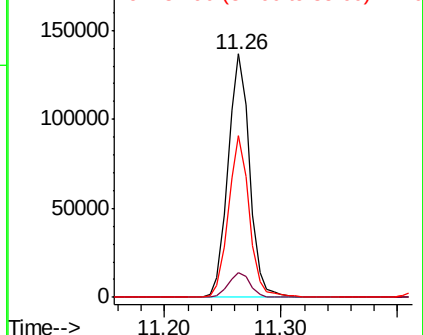
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.096 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012854.D

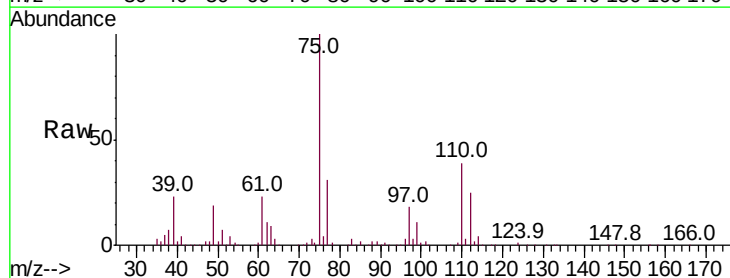
Acq: 07 Oct 2019 21:27

Tgt Ion: 75 Resp: 198840

Ion Ratio Lower Upper

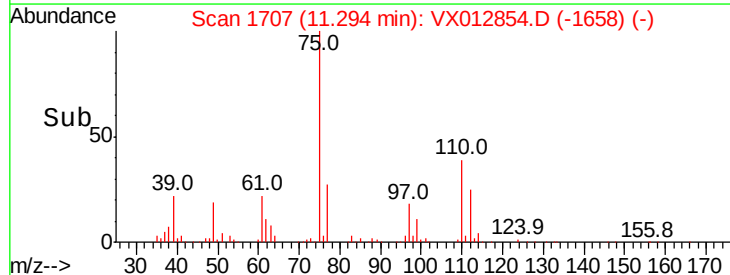
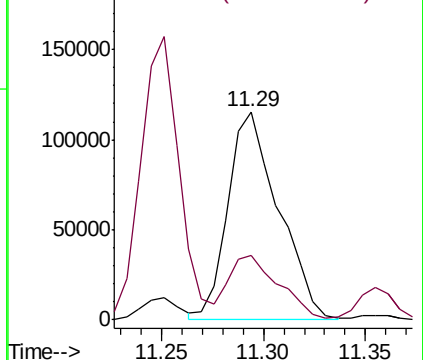
75 100

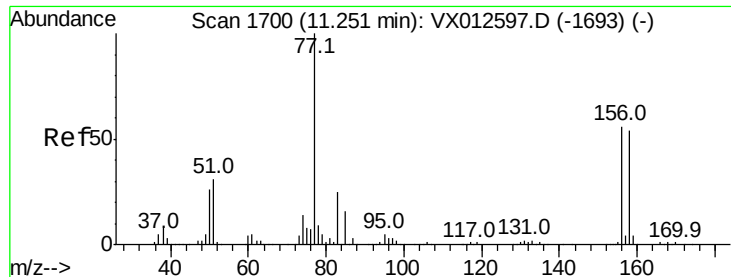
77 30.7 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.266 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

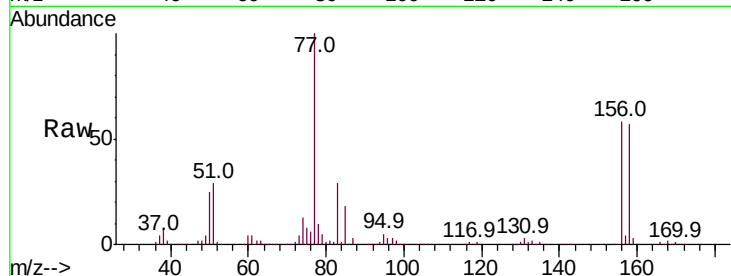
Tot Ion:156 Resp: 115945

Ion Ratio Lower Upper

156 100

77 176.1 87.3 261.8

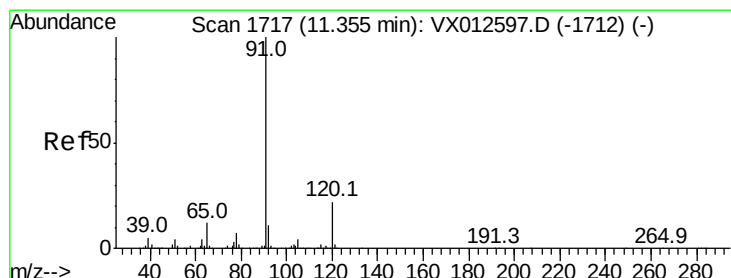
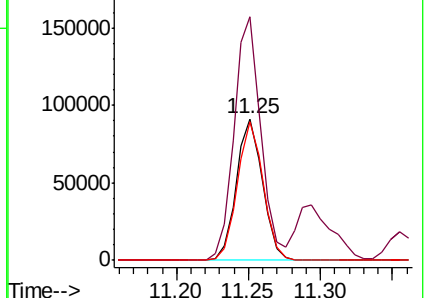
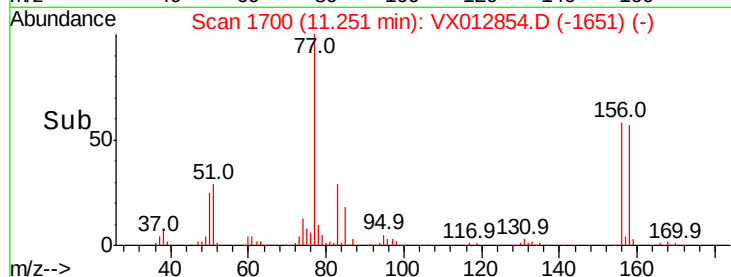
158 96.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.045 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012854.D

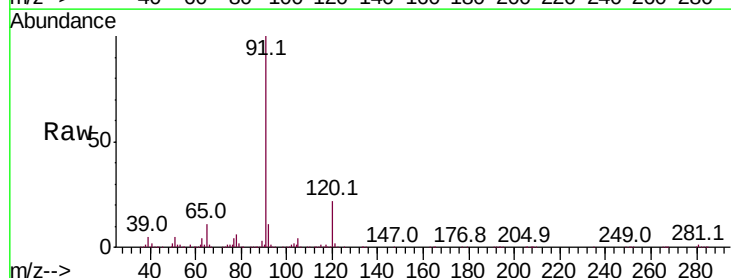
Acq: 07 Oct 2019 21:27

Tgt Ion: 91 Resp: 561197

Ion Ratio Lower Upper

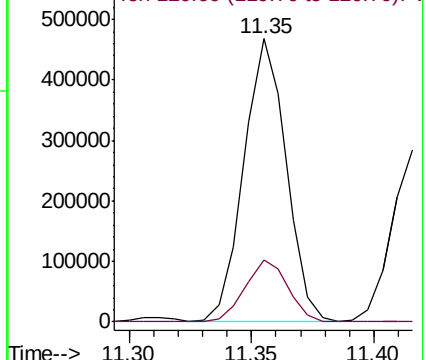
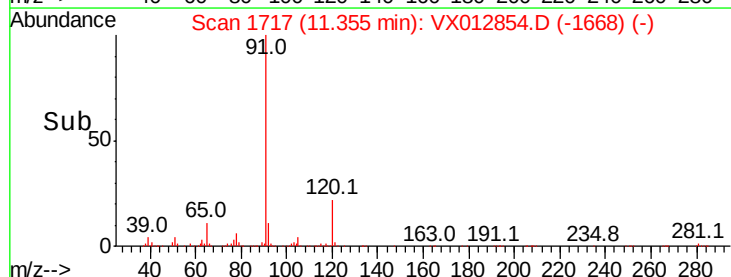
91 100

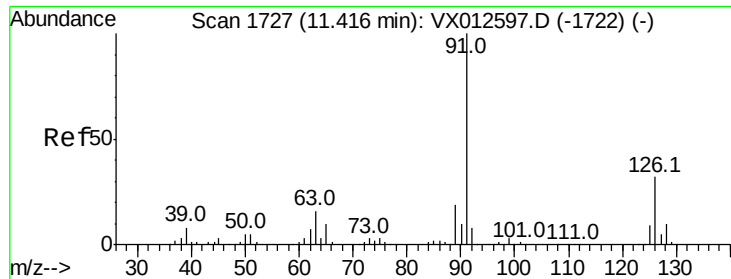
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

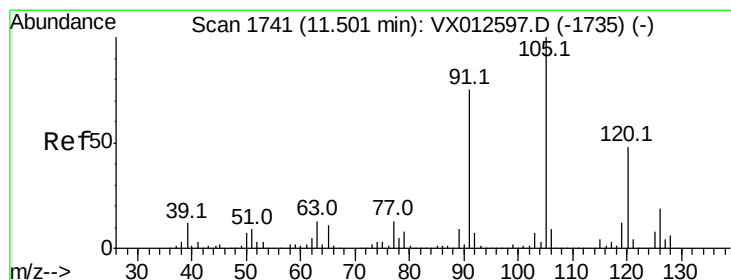
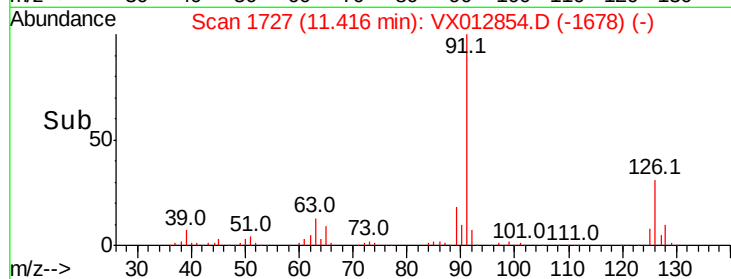
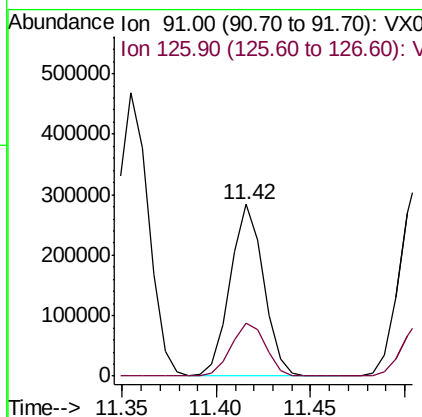
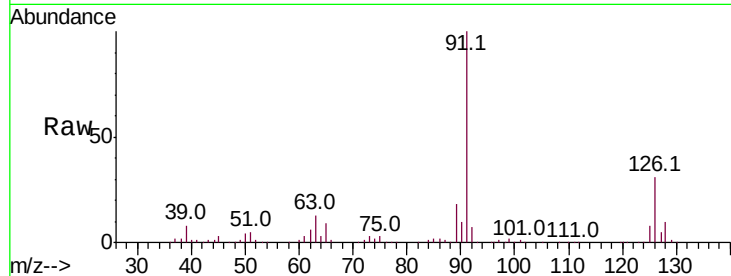




#79
 2-Chlorotoluene
 Concen: 43.814 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

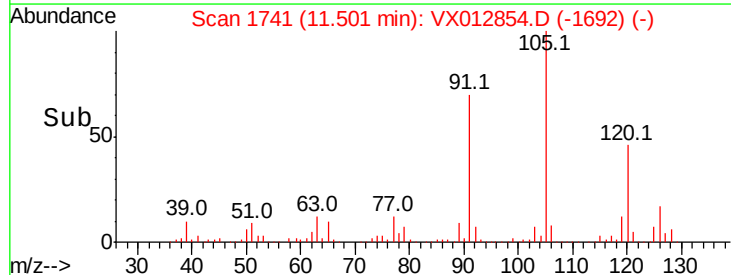
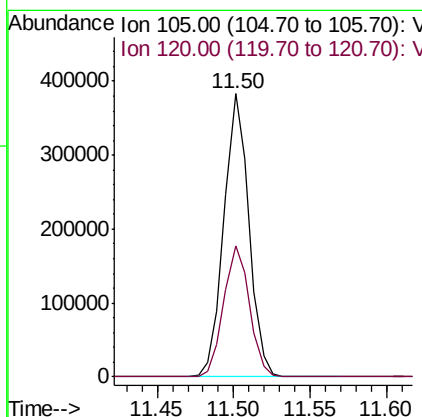
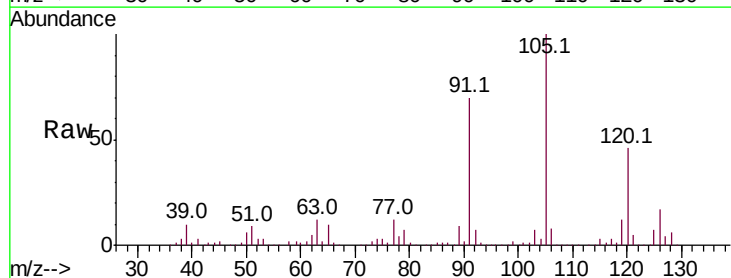
Instrument :
 MSVOA_X
 ClientSampleId :

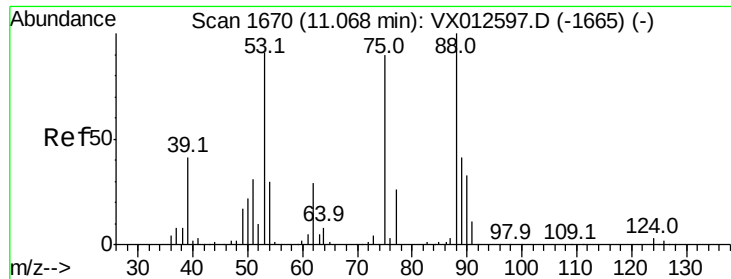
Tot Ion: 91 Resp: 348245
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 45.580 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion: 105 Resp: 432581
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8

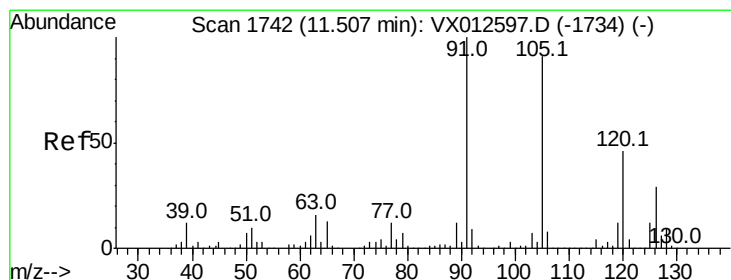
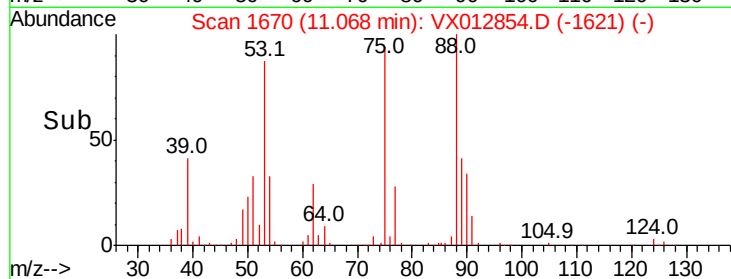
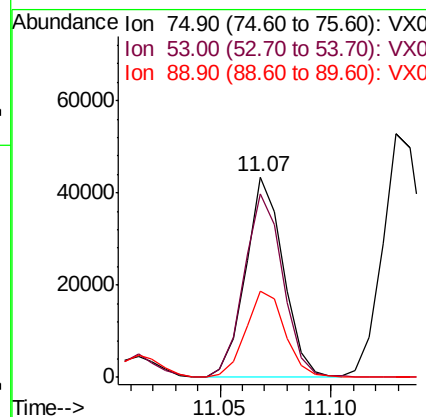
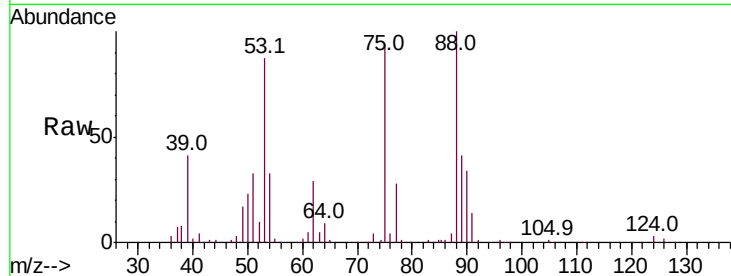




#81
trans-1,4-Dichloro-2-butene
Concen: 40.154 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

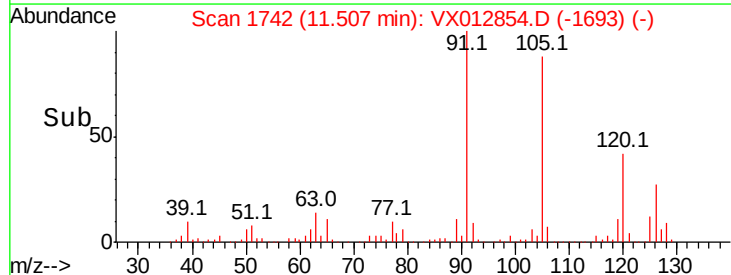
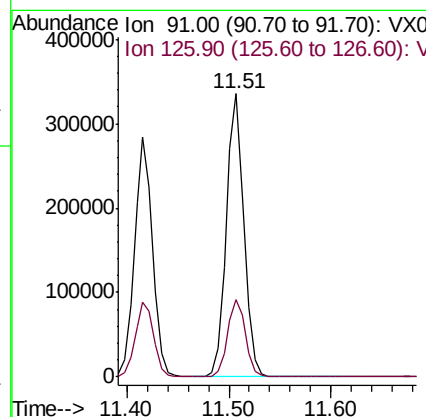
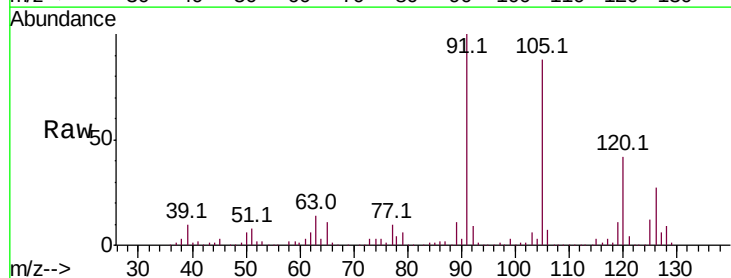
Instrument :
MSVOA_X
ClientSampleId :

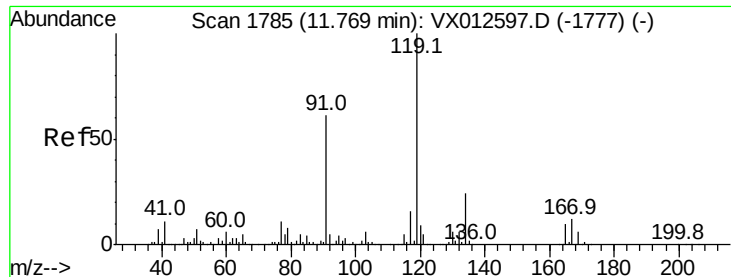
Tot Ion: 75 Resp: 51502
Ion Ratio Lower Upper
75 100
53 93.4 83.6 125.4
89 44.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 44.318 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 91 Resp: 401553
Ion Ratio Lower Upper
91 100
126 27.8 14.4 43.0

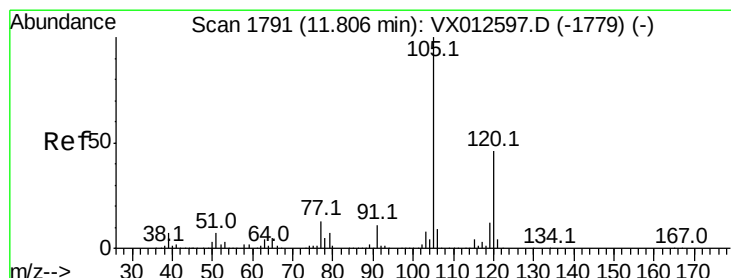
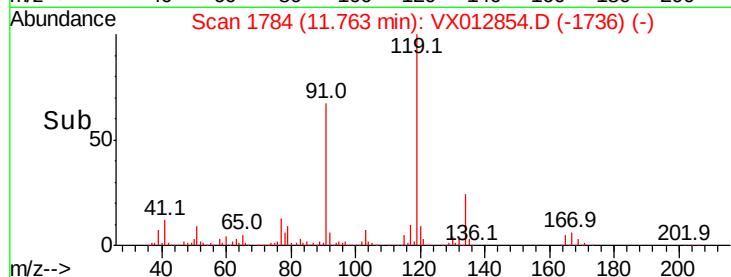
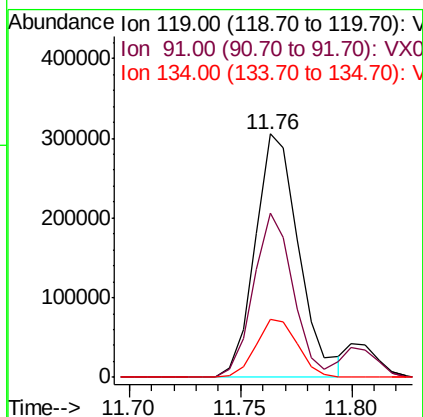
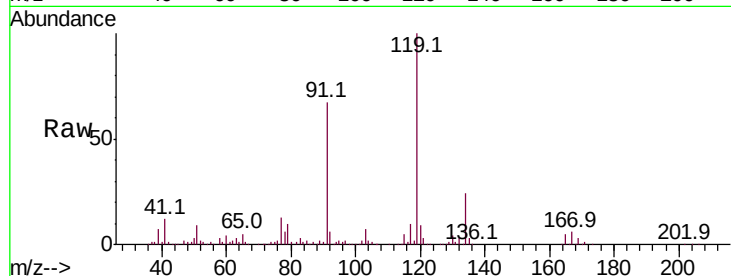




#83
 tert-Butylbenzene
 Concen: 45.556 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

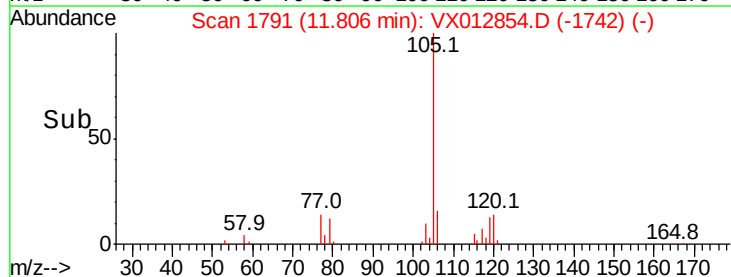
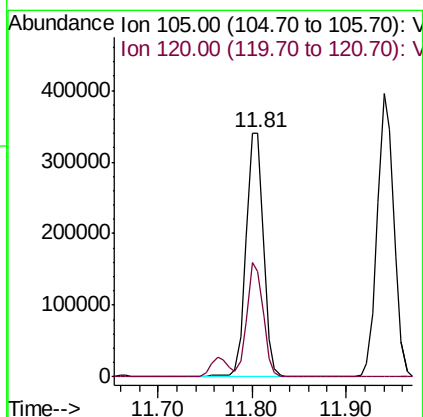
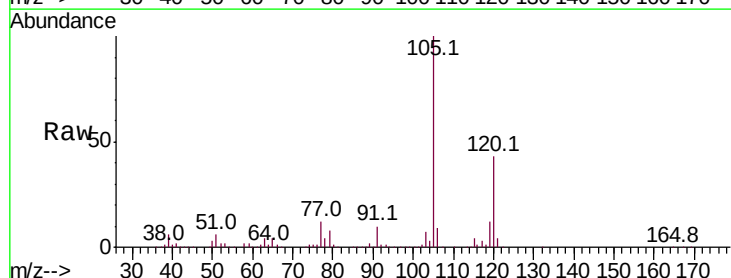
Instrument :
 MSVOA_X
 ClientSampleId :

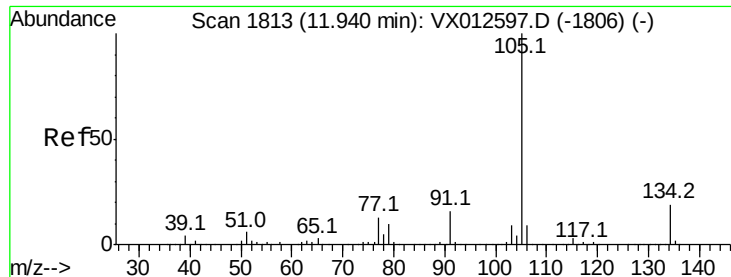
Tot Ion:119 Resp: 417062
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.0 90.0
 134 22.8 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 45.606 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion:105 Resp: 436622
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6

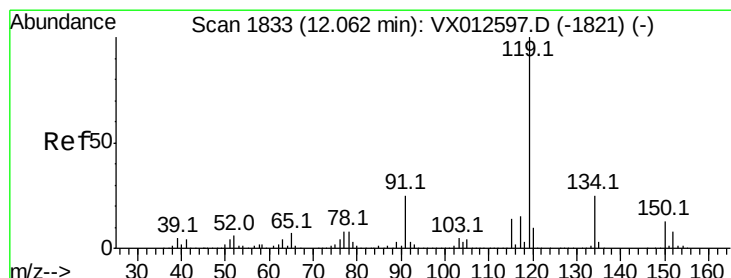
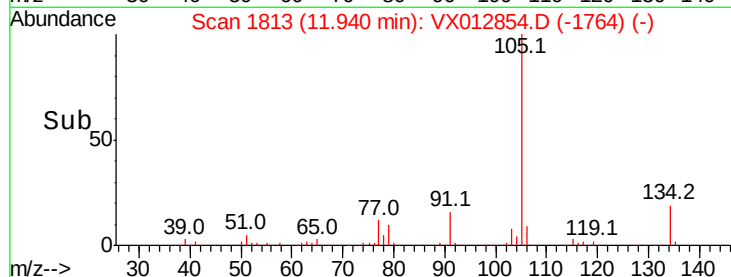
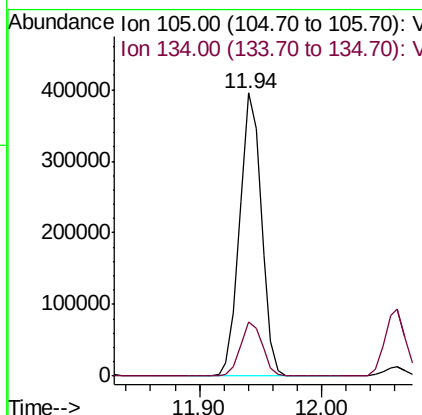
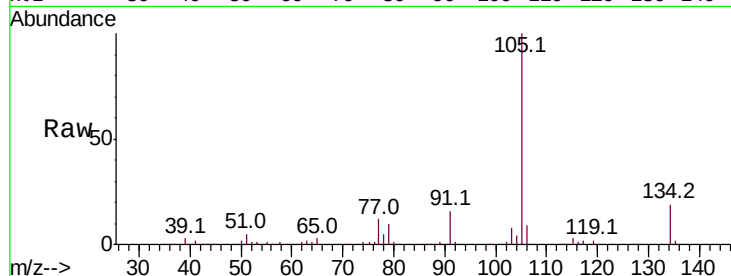




#85
 sec-Butylbenzene
 Concen: 45.374 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

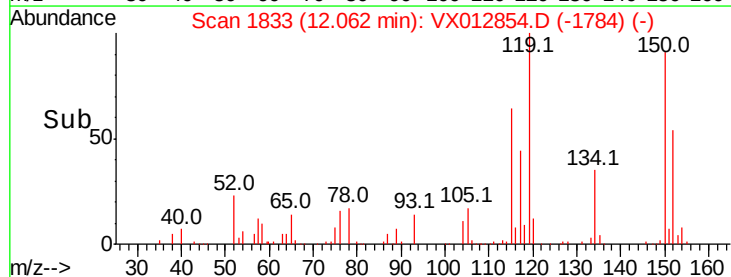
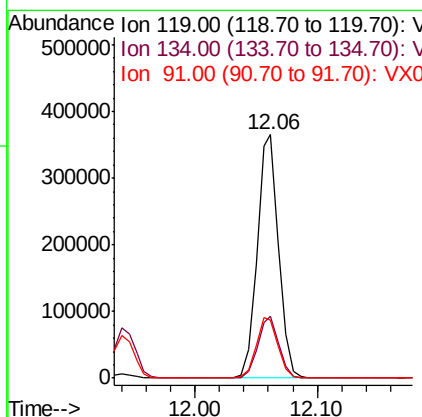
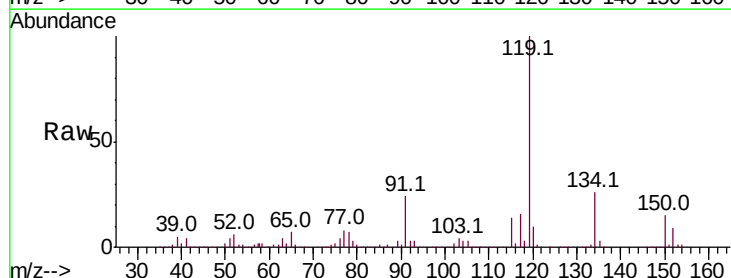
Instrument :
 MSVOA_X
 ClientSampled :

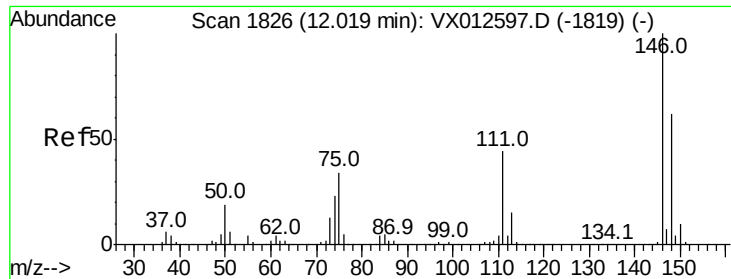
Tot Ion:105 Resp: 483153
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 46.386 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion:119 Resp: 445672
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 25.3 12.8 38.4

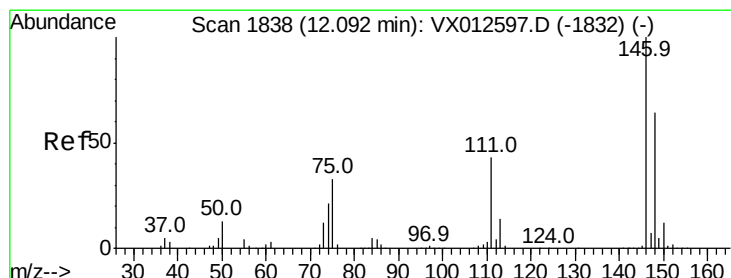
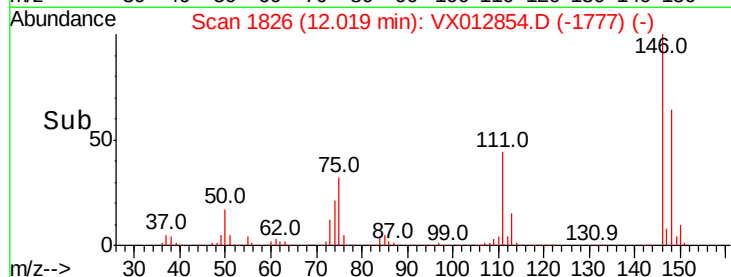
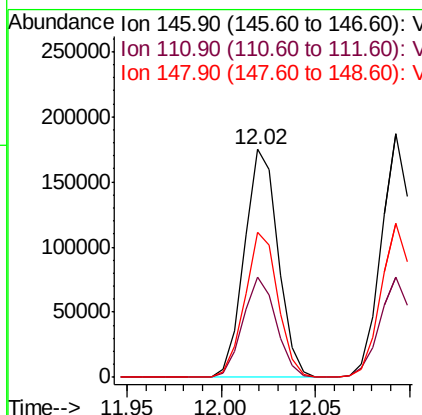
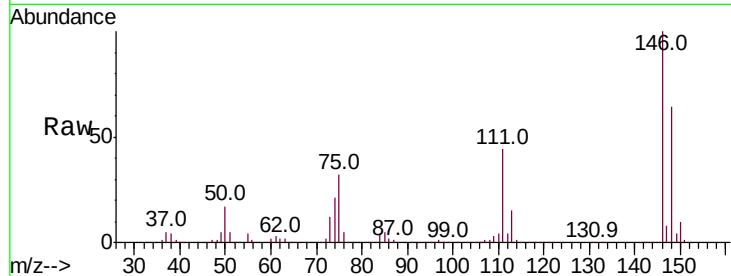




#87
 1,3-Dichlorobenzene
 Concen: 47.054 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

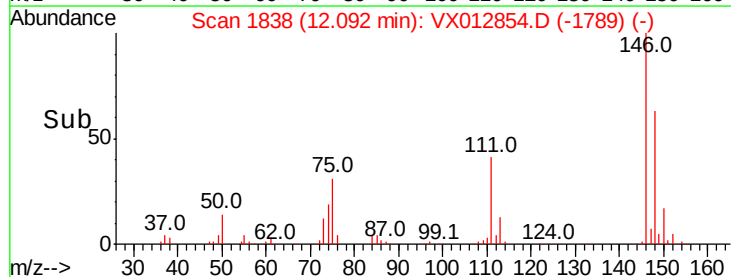
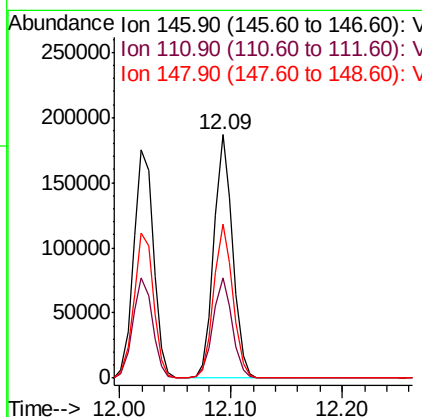
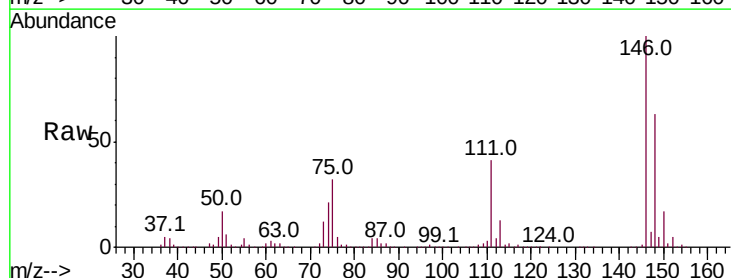
Instrument :
 MSVOA_X
 ClientSampled :

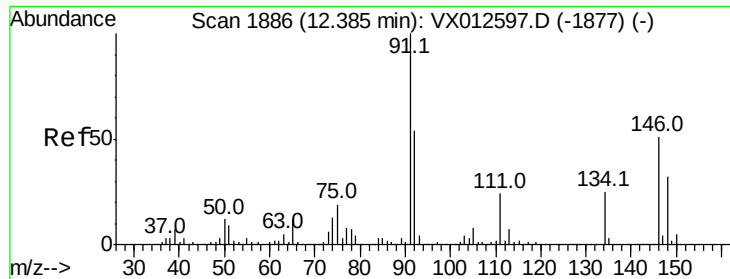
Tot Ion:146 Resp: 216900
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 64.0
 148 62.9 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 46.634 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion:146 Resp: 217217
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.3
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 44.978 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampled :

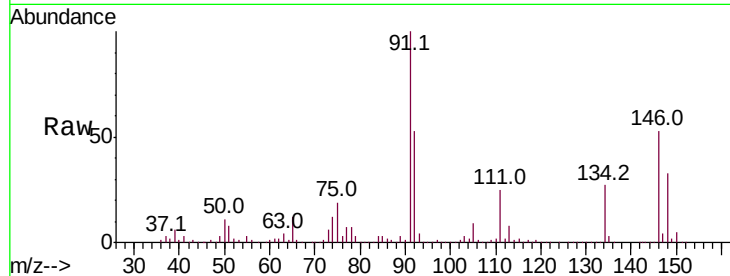
Tot Ion: 91 Resp: 380807

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

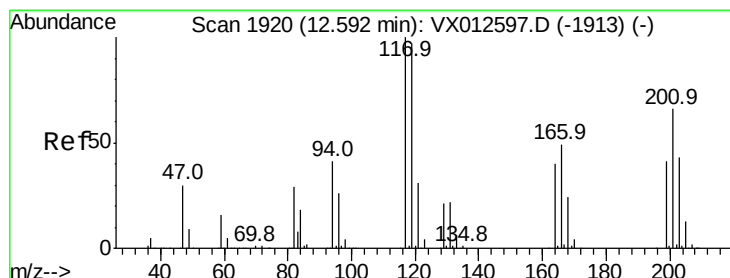
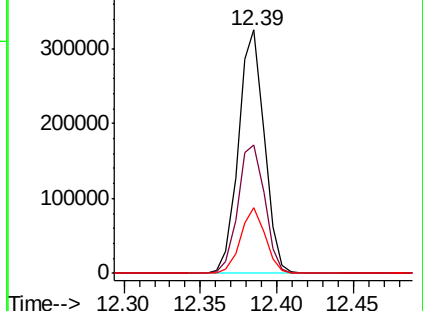
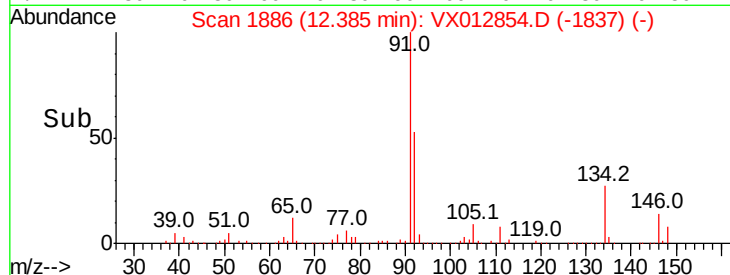
134 25.7 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 44.138 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012854.D

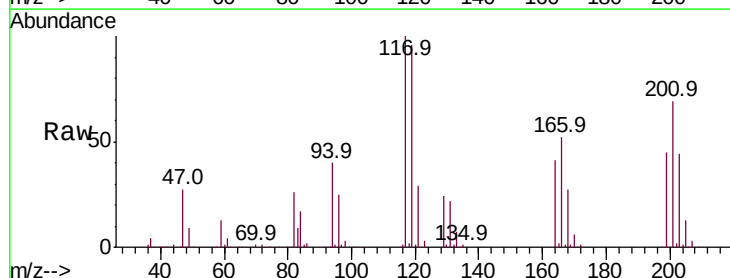
Acq: 07 Oct 2019 21:27

Tgt Ion: 117 Resp: 75605

Ion Ratio Lower Upper

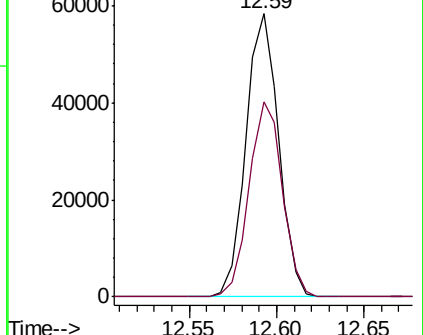
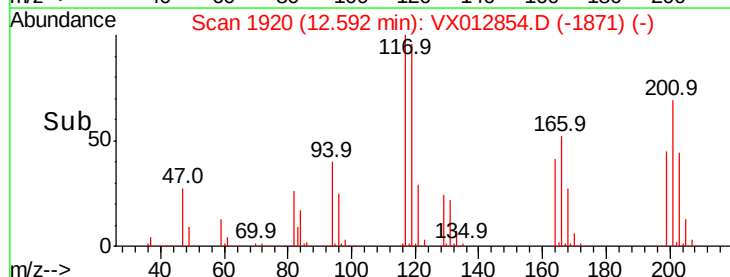
117 100

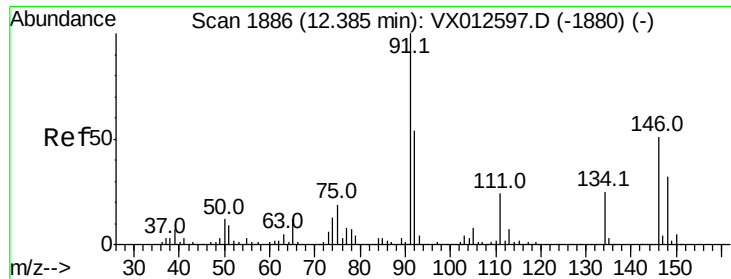
201 70.4 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 47.443 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

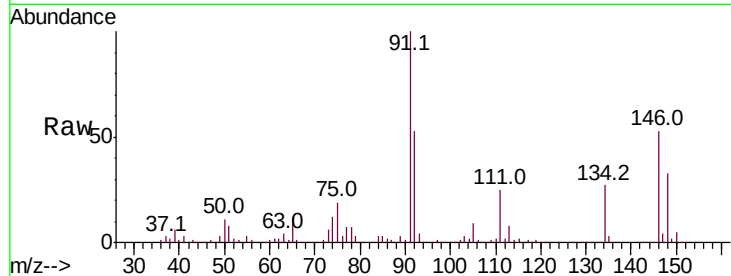
Tot Ion:146 Resp: 218944

Ion Ratio Lower Upper

146 100

111 46.0 22.1 66.1

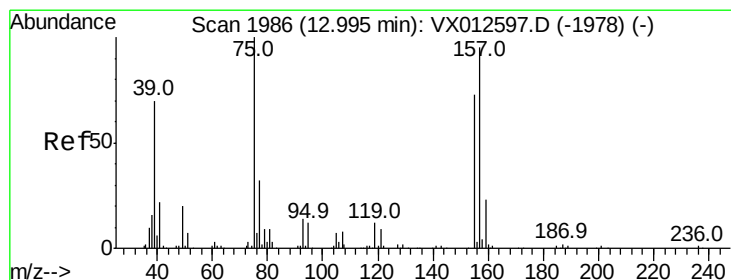
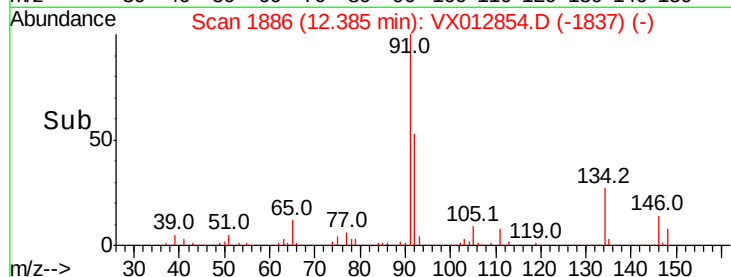
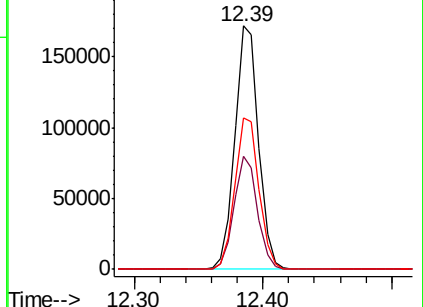
148 63.6 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.133 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

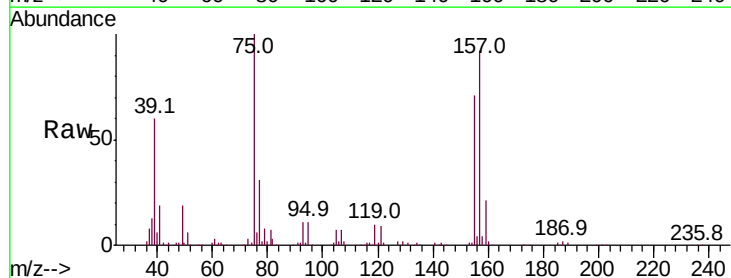
Tgt Ion: 75 Resp: 44191

Ion Ratio Lower Upper

75 100

155 77.6 38.6 115.8

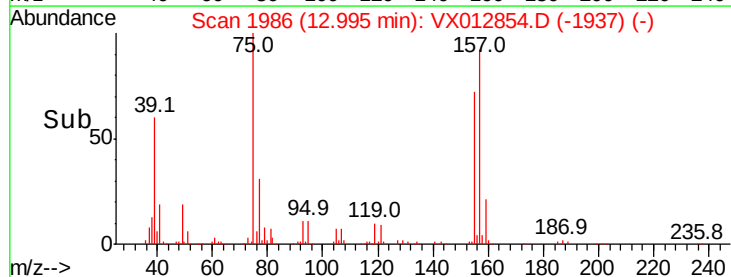
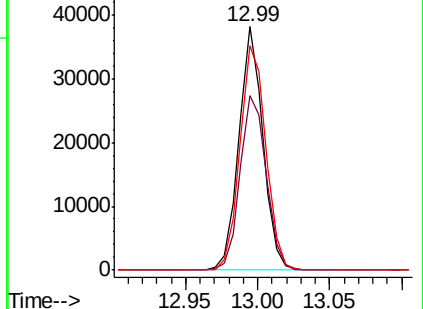
157 99.4 50.6 151.9

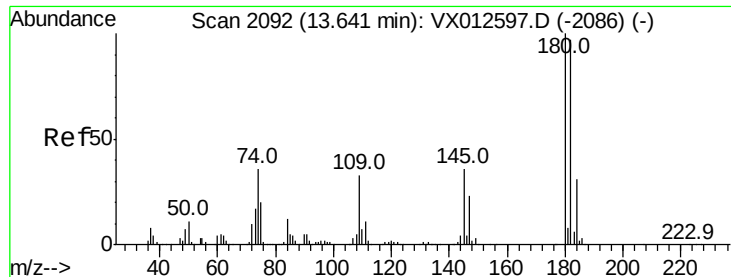


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

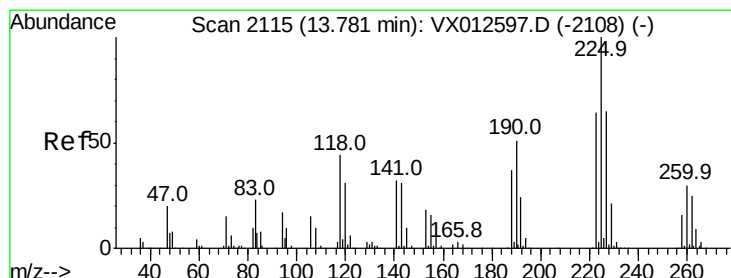
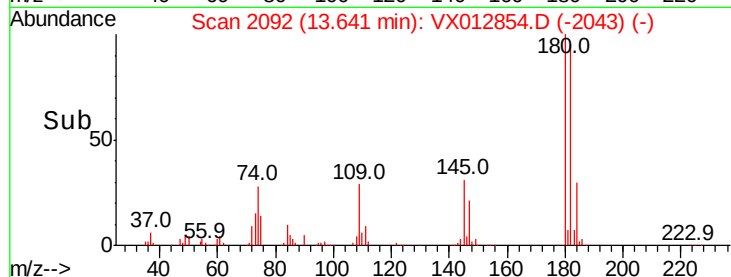
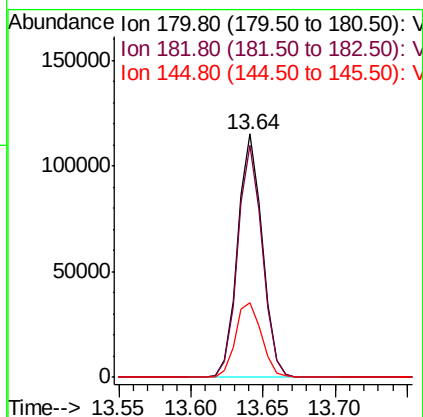
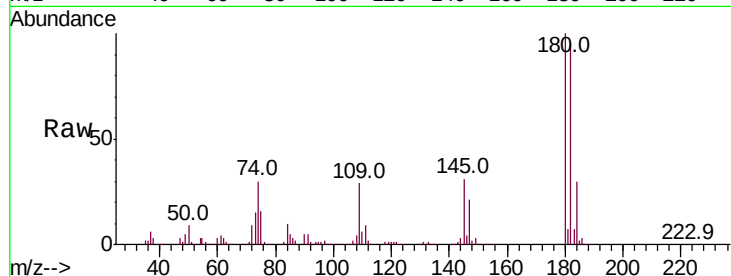




#93
 1,2,4-Trichlorobenzene
 Concen: 48.742 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

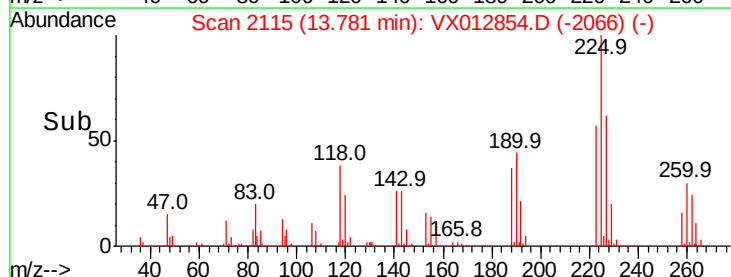
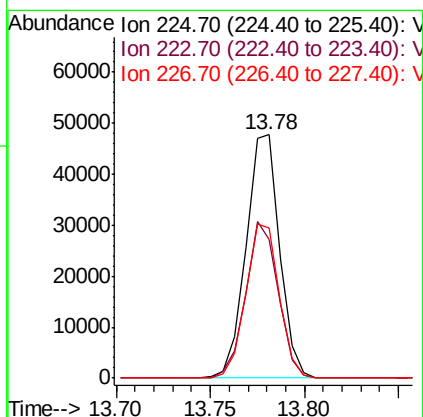
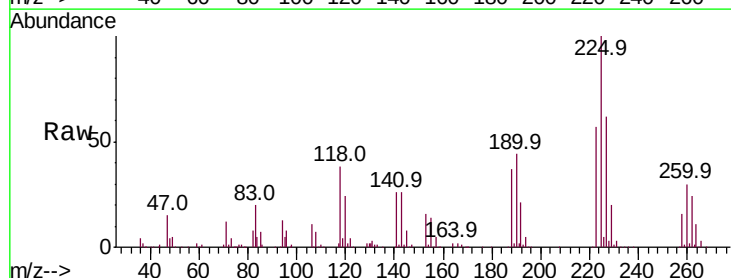
Instrument :
 MSVOA_X
 ClientSampleId :

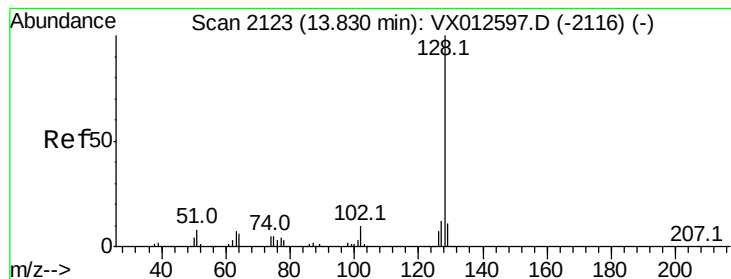
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	32.7	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 48.710 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.0	96.2
227	63.2	31.9	95.5





#95

Naphthalene

Concen: 48.427 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampled :

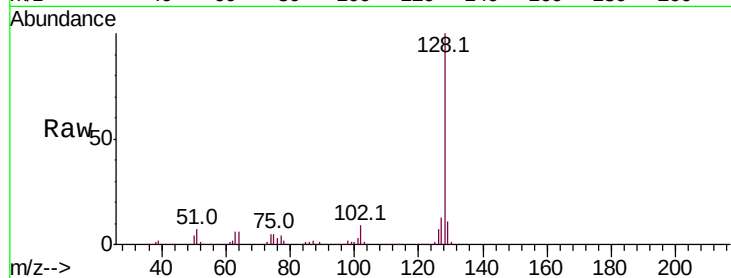
Tot Ion:128 Resp: 493110

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

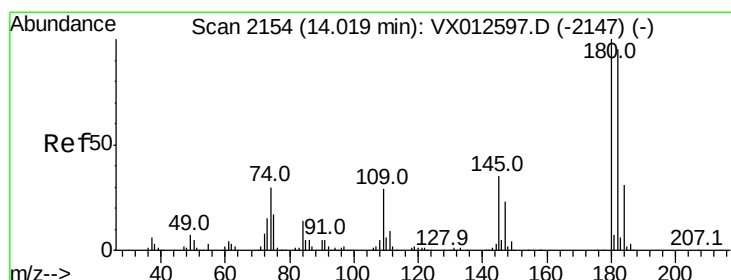
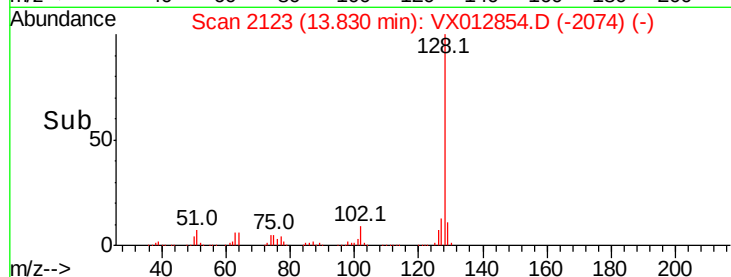
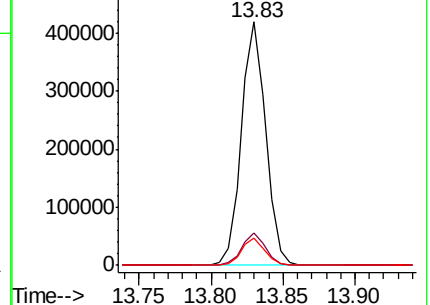
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.846 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

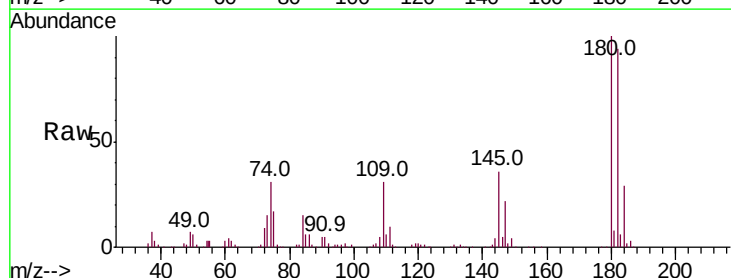
Tgt Ion:180 Resp: 140528

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.3

145 34.5 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

