

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012878.D
 Acq On : 08 Oct 2019 07:56
 Operator : JC/SP
 Sample : K5122-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

Quant Time: Oct 08 11:19:25 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	155112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108081	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.49	113	84995	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	8.71	98	321117	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.14	95	126603	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65345	37.448	ug/l	99
3) Chloromethane	1.31	50	77932	38.893	ug/l	100
4) Vinyl Chloride	1.40	62	84944	42.650	ug/l	98
5) Bromomethane	1.62	94	30012	38.327	ug/l	99
6) Chloroethane	1.70	64	56788	42.296	ug/l	99
7) Trichlorofluoromethane	1.92	101	122397	43.771	ug/l	100
8) Diethyl Ether	2.18	74	52908	46.170	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77222	45.341	ug/l	98
10) Methyl Iodide	2.50	142	76466	43.349	ug/l	93
11) Tert butyl alcohol	3.04	59	136254	241.480	ug/l	99
12) 1,1-Dichloroethene	2.36	96	79381	47.598	ug/l	94
13) Acrolein	2.28	56	75088	239.345	ug/l	98
14) Allyl chloride	2.72	41	145046	43.837	ug/l	95
15) Acrylonitrile	3.13	53	280544	245.073	ug/l	98
16) Acetone	2.44	43	245924	205.552	ug/l	98
17) Carbon Disulfide	2.56	76	198421	42.439	ug/l	99
18) Methyl Acetate	2.77	43	121924	43.279	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	311648	49.370	ug/l	98
20) Methylene Chloride	2.84	84	96591	47.733	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	88501	47.900	ug/l	96
22) Diisopropyl ether	3.84	45	304557	47.636	ug/l	93
23) Vinyl Acetate	3.80	43	1136566	202.714	ug/l	97
24) 1,1-Dichloroethane	3.69	63	168787	48.567	ug/l	99
25) 2-Butanone	4.66	43	383597	223.611	ug/l	96
26) 2,2-Dichloropropane	4.57	77	83356	26.968	ug/l	91
27) cis-1,2-Dichloroethene	4.58	96	105644	49.279	ug/l	88
28) Bromochloromethane	5.01	49	63582	50.386	ug/l	96
29) Tetrahydrofuran	5.12	42	248700	237.857	ug/l	95
30) Chloroform	5.20	83	170798	48.037	ug/l	98
31) Cyclohexane	5.57	56	138824	44.155	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	147083	46.675	ug/l	99
36) 1,1-Dichloropropene	5.79	75	121973	46.133	ug/l	97
37) Ethyl Acetate	4.82	43	129810	41.995	ug/l	96
38) Carbon Tetrachloride	5.77	117	123203	45.872	ug/l	97

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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)
39) Methylcyclohexane	7.46	83	138063	43.375	ug/l	94
40) Benzene	6.13	78	375152	48.224	ug/l	96
41) Methacrylonitrile	5.03	41	81100	46.762	ug/l	95
42) 1,2-Dichloroethane	6.19	62	139183	47.115	ug/l	98
43) Isopropyl Acetate	6.44	43	223513	43.239	ug/l	96
44) Trichloroethene	7.21	130	97479	49.016	ug/l	98
45) 1,2-Dichloropropane	7.51	63	100182	50.300	ug/l	99
46) Dibromomethane	7.65	93	65840	48.553	ug/l	99
47) Bromodichloromethane	7.89	83	132023	48.713	ug/l	99
48) Methyl methacrylate	7.76	41	116808	47.126	ug/l	91
49) 1,4-Dioxane	7.73	88	54529	969.932	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	759766	238.106	ug/l	95
52) Toluene	8.78	92	238443	48.768	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135548	45.204	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147754	45.129	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	99285	51.076	ug/l	98
56) Ethyl methacrylate	9.17	69	163889	50.185	ug/l	91
57) 1,3-Dichloropropane	9.37	76	170286	50.054	ug/l	99
59) 2-Hexanone	9.49	43	588752	241.053	ug/l	93
60) Dibromochloromethane	9.58	129	102627	52.155	ug/l	99
61) 1,2-Dibromoethane	9.67	107	103879	51.348	ug/l	99
64) Tetrachloroethene	9.33	164	78449	45.740	ug/l	95
65) Chlorobenzene	10.14	112	252331	48.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97089	51.729	ug/l	99
67) Ethyl Benzene	10.25	91	463151	49.296	ug/l	100
68) m/p-Xylenes	10.36	106	345597	98.195	ug/l	99
69) o-Xylene	10.70	106	169739	49.842	ug/l	100
70) Stvrene	10.71	104	296159	51.875	ug/l	98
71) Bromoform	10.86	173	71686	54.853	ug/l #	98
73) Isopropylbenzene	11.01	105	446823	47.737	ug/l	100
74) N-amyl acetate	10.89	43	186972	41.871	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	158994	51.289	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	172536	56.755	ug/l	87
77) Bromobenzene	11.25	156	105779	49.932	ug/l	100
78) n-propylbenzene	11.35	91	499261	47.378	ug/l	99
79) 2-Chlorotoluene	11.42	91	313095	47.628	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	380089	48.423	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40640	38.311	ug/l	97
82) 4-Chlorotoluene	11.51	91	361300	48.213	ug/l	99
83) tert-Butylbenzene	11.76	119	371031	49.002	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	388354	49.046	ug/l	97
85) sec-Butylbenzene	11.94	105	429308	48.748	ug/l	100
86) p-Isopropyltoluene	12.06	119	393367	49.502	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193204	50.678	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194350	50.449	ug/l	99
89) n-Butylbenzene	12.39	91	318392	45.469	ug/l	99
90) Hexachloroethane	12.59	117	68680	48.479	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	194850	51.051	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39449	50.873	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	118498	50.908	ug/l	99

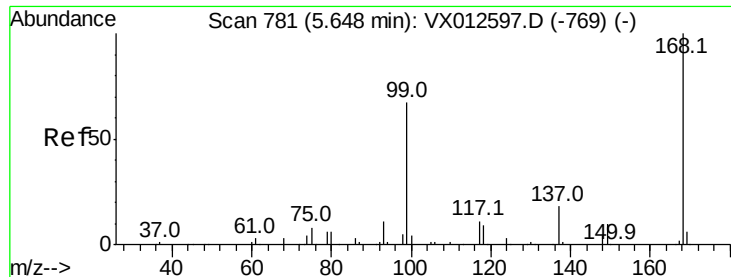
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49654	49.586	ug/l	98
95) Naphthalene	13.83	128	424388	50.393	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	121051	51.915	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: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

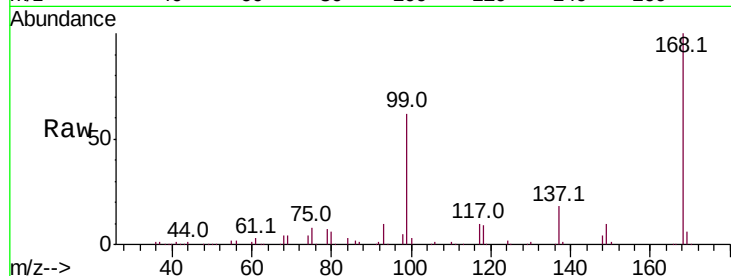
FA19-MMW3414MSD

Tot Ion:168 Resp: 155112

Ion Ratio Lower Upper

168 100

99 62.1 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

50000

40000

30000

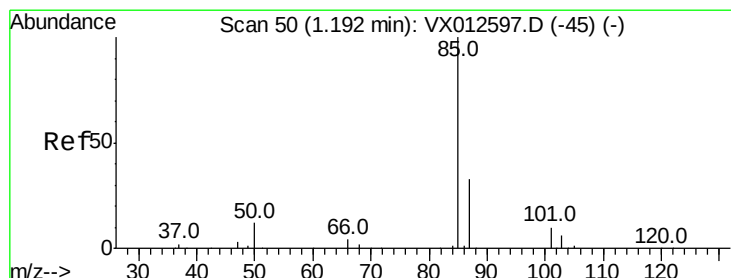
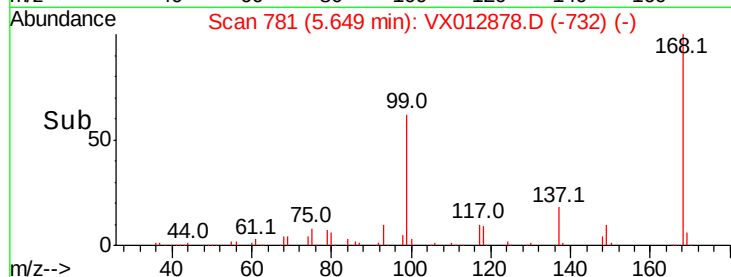
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 37.448 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012878.D

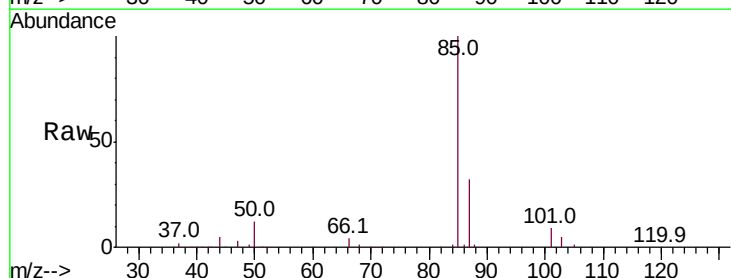
Acq: 08 Oct 2019 07:56

Tgt Ion: 85 Resp: 65345

Ion Ratio Lower Upper

85 100

87 31.6 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

60000

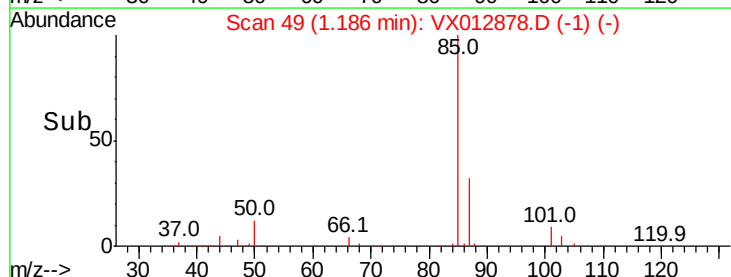
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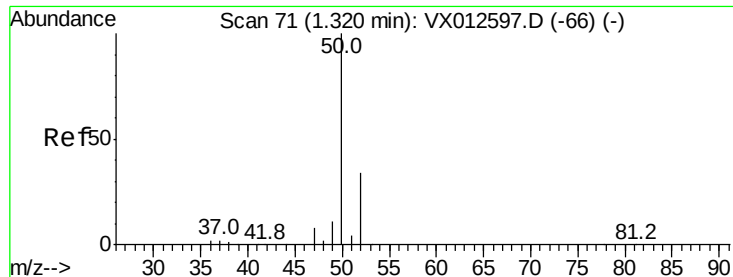
20000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 38.893 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

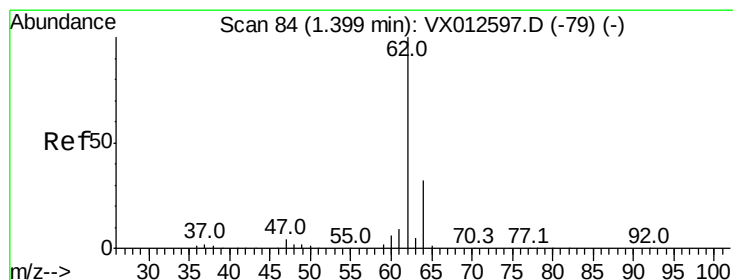
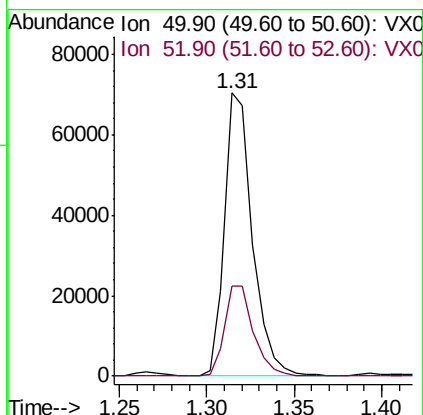
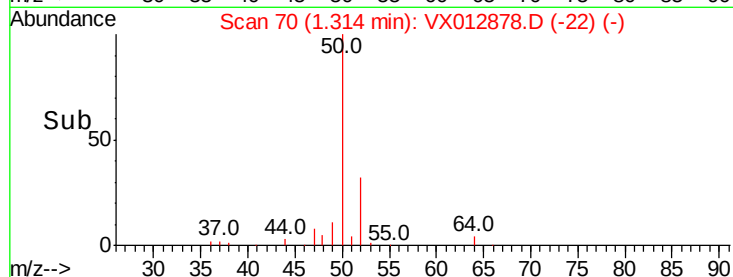
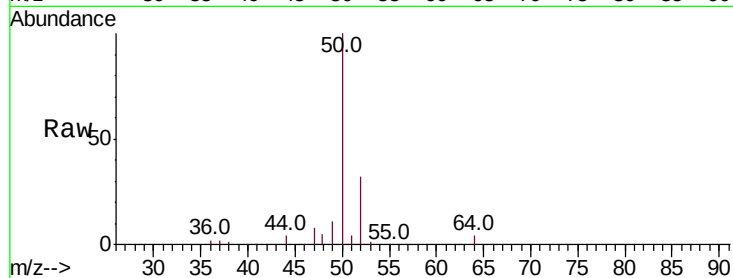
FA19-MMW3414MSD

Tot Ion: 50 Resp: 77932

Ion Ratio Lower Upper

50 100

52 31.9 25.7 38.5



#4

Vinyl Chloride

Concen: 42.650 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012878.D

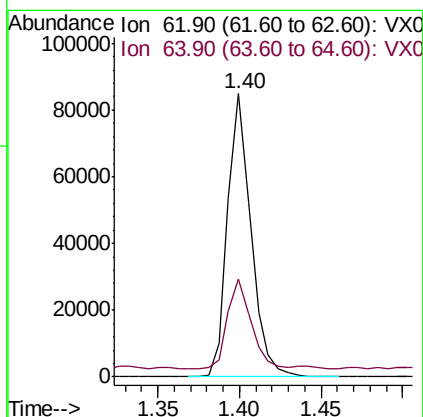
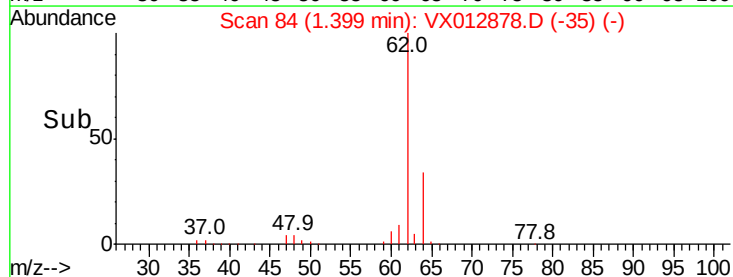
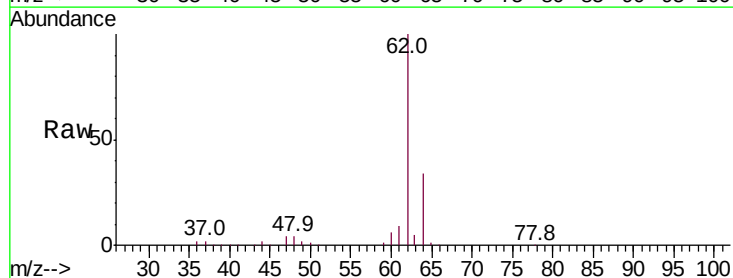
Acq: 08 Oct 2019 07:56

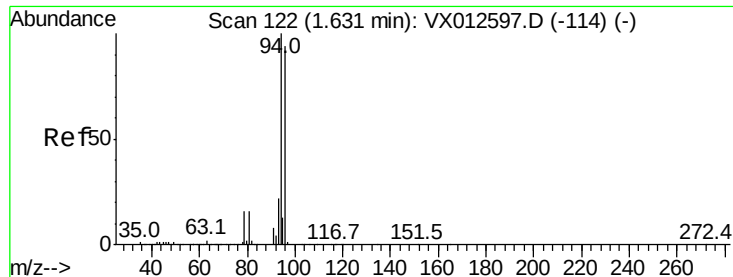
Tgt Ion: 62 Resp: 84944

Ion Ratio Lower Upper

62 100

64 31.5 24.2 36.2





#5

Bromomethane

Concen: 38.327 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

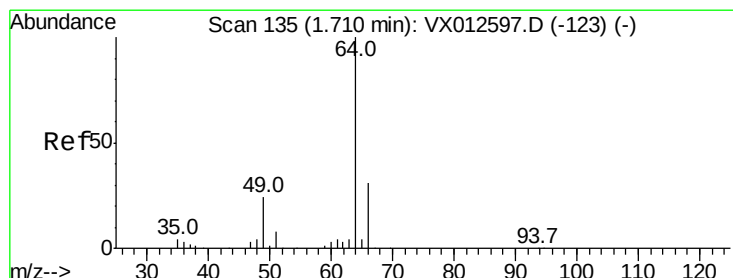
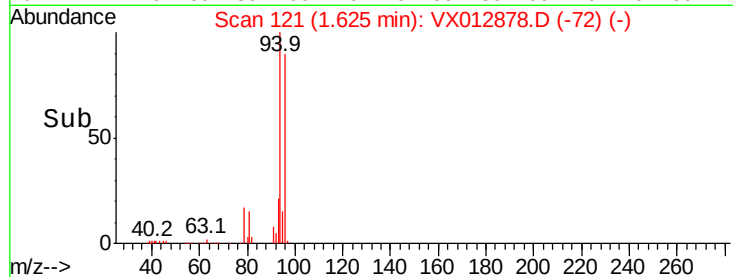
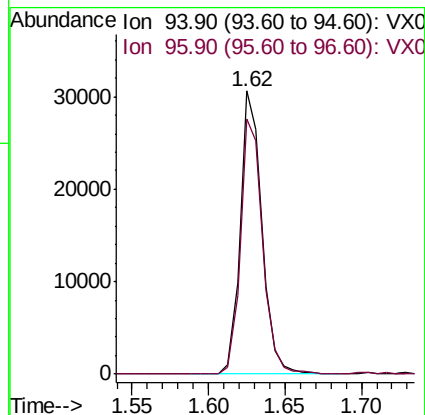
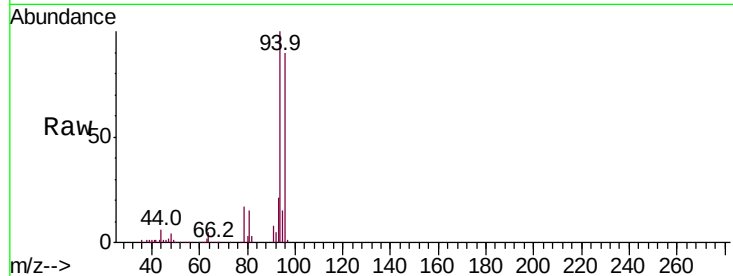
FA19-MMW3414MSD

Tot Ion: 94 Resp: 30012

Ion Ratio Lower Upper

94 100

96 90.1 72.8 109.2



#6

Chloroethane

Concen: 42.296 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012878.D

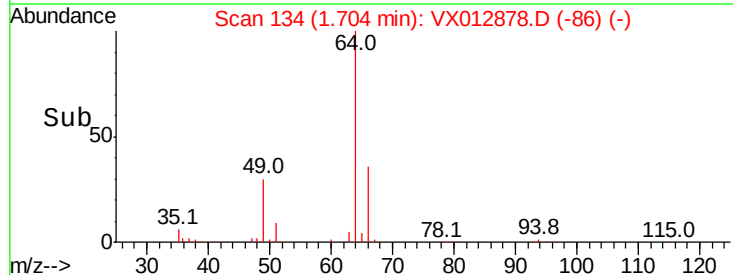
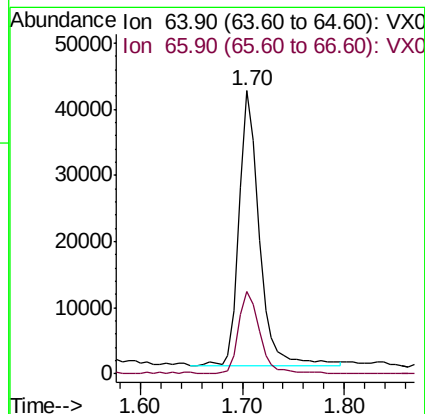
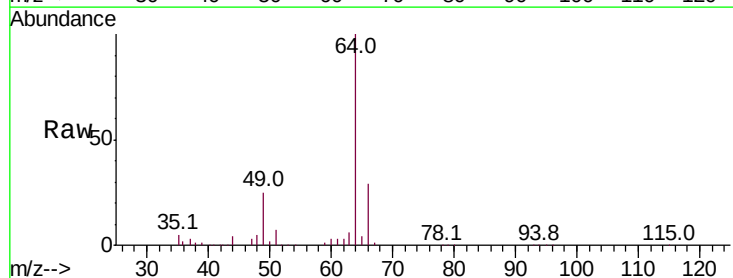
Acq: 08 Oct 2019 07:56

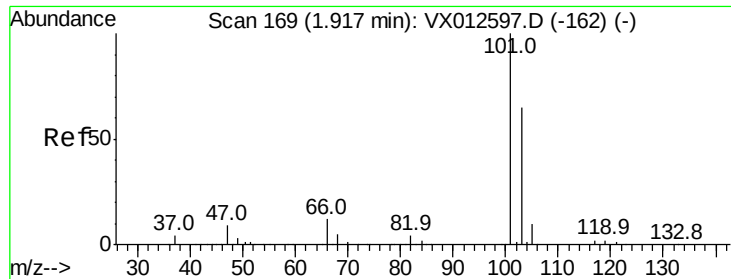
Tgt Ion: 64 Resp: 56788

Ion Ratio Lower Upper

64 100

66 29.5 24.0 36.0



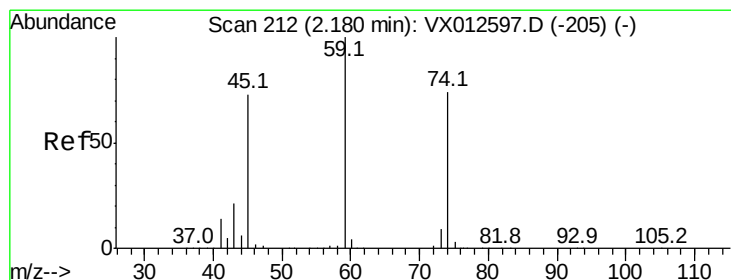
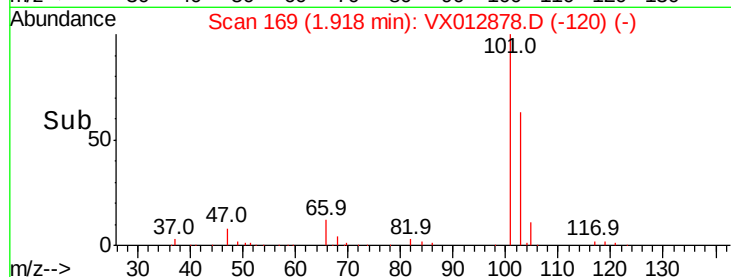
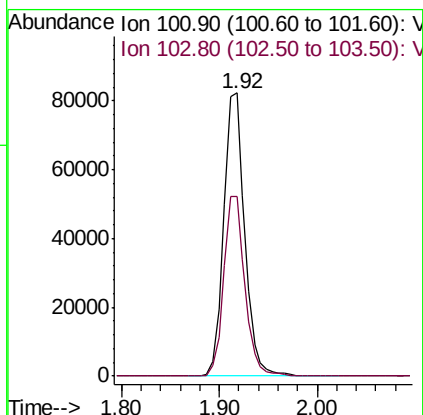
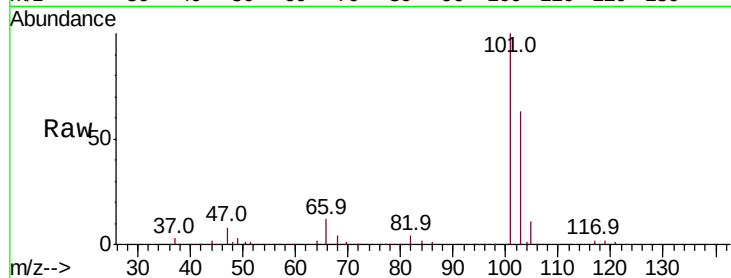


#7

Trichlorofluoromethane
Concen: 43.771 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012878.D
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FA19-MMW3414MSD

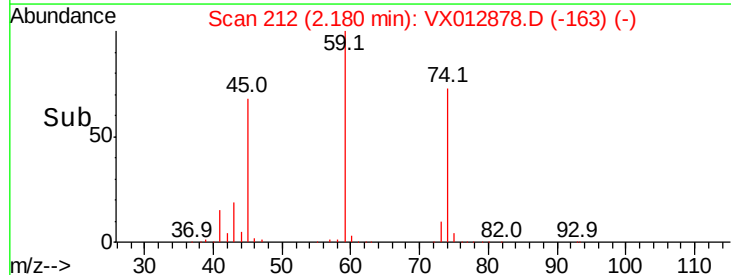
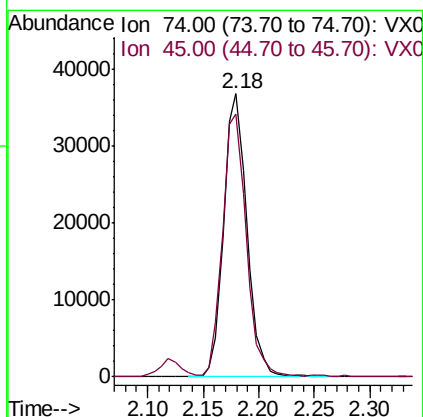
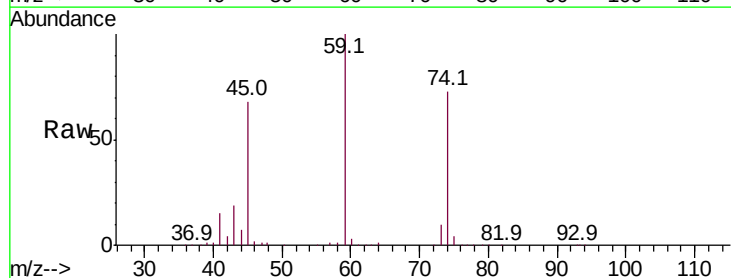
Tot Ion:101 Resp: 122397
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4

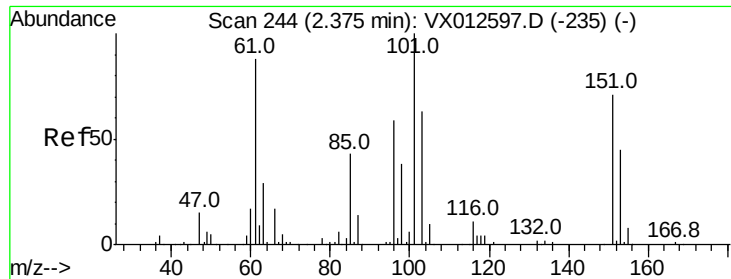


#8

Diethyl Ether
Concen: 46.170 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion: 74 Resp: 52908
Ion Ratio Lower Upper
74 100
45 96.4 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.341 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

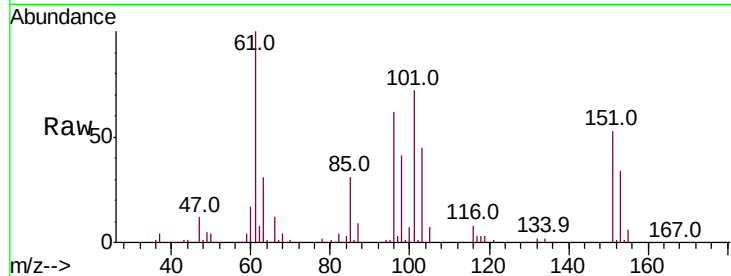
Tot Ion:101 Resp: 77222

Ion Ratio Lower Upper

101 100

85 43.7 37.3 55.9

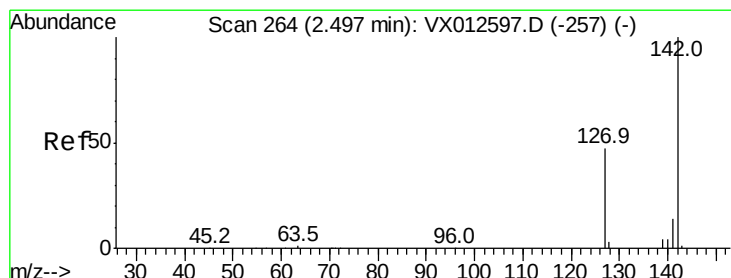
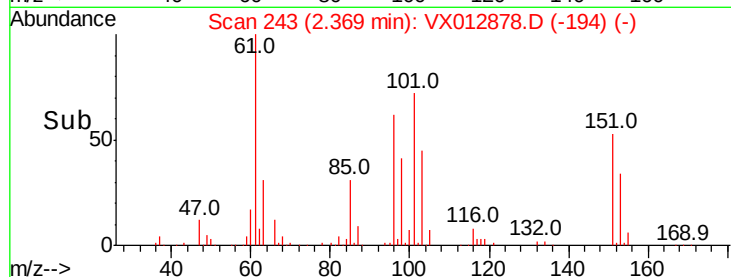
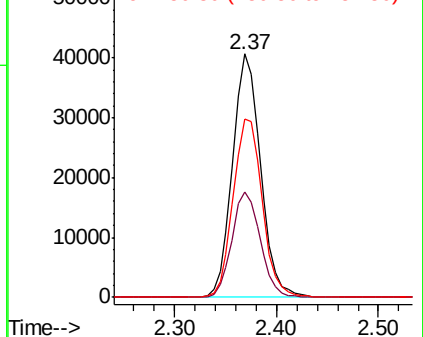
151 76.0 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.349 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

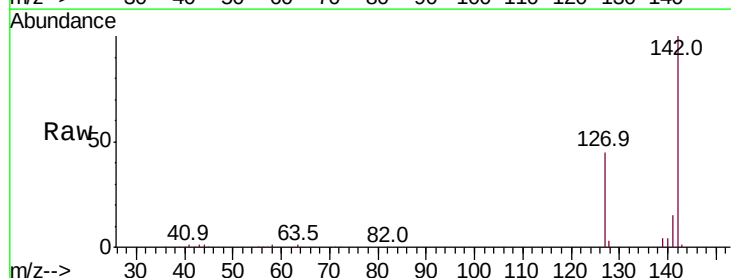
Tgt Ion:142 Resp: 76466

Ion Ratio Lower Upper

142 100

127 44.7 40.8 61.2

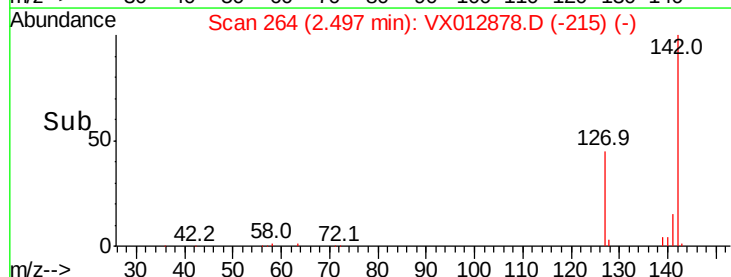
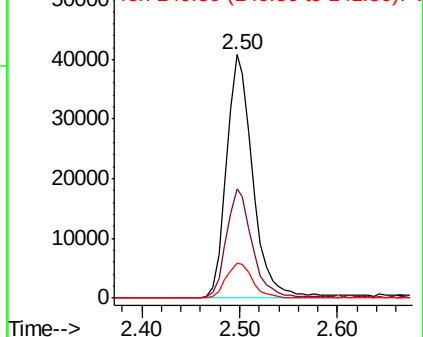
141 14.6 12.1 18.1

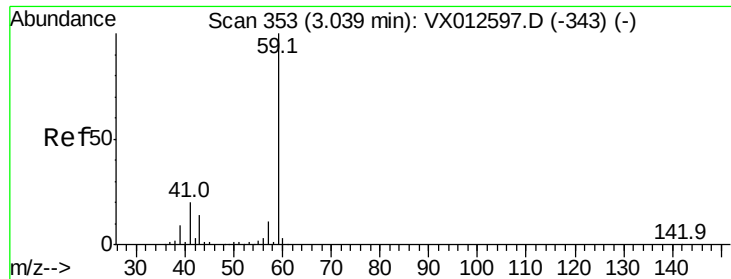


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



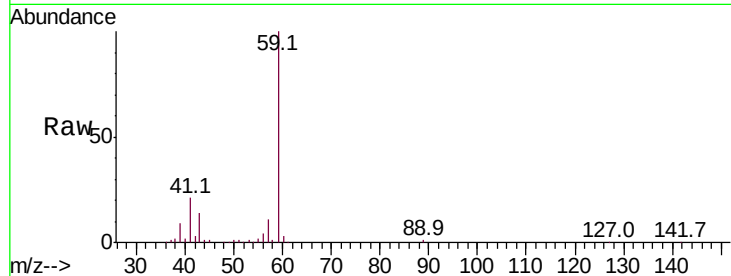


#11

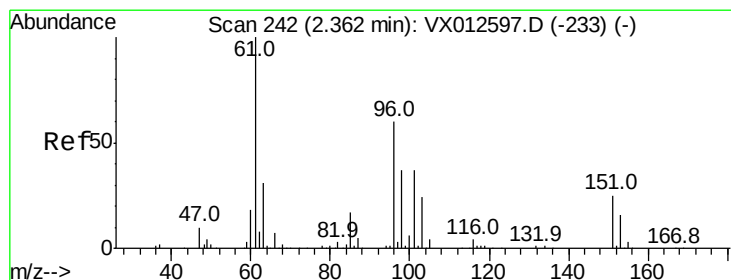
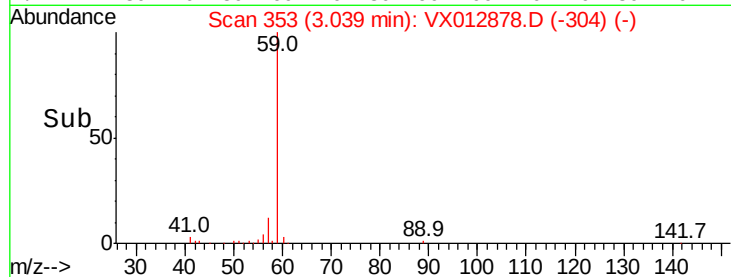
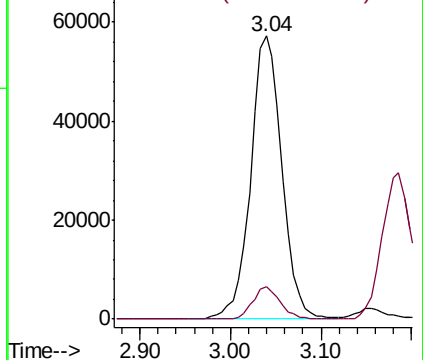
Tert butyl alcohol
Concen: 241.480 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

Tot Ion: 59 Resp: 136254
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



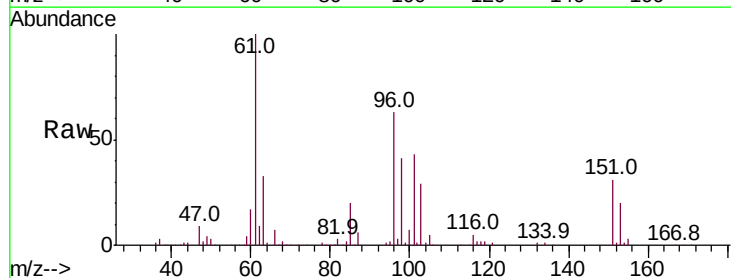
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



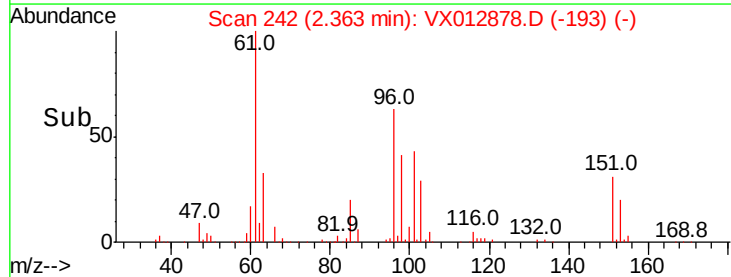
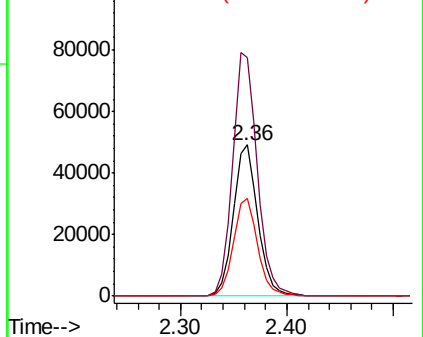
#12

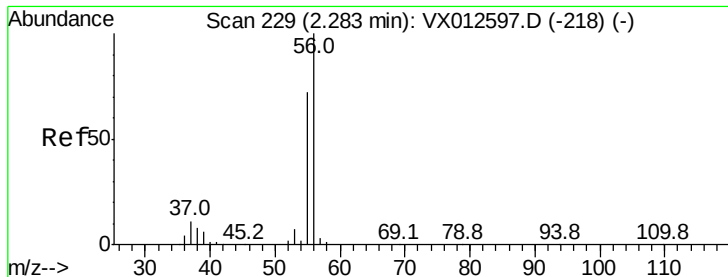
1,1-Dichloroethene
Concen: 47.598 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion: 96 Resp: 79381
Ion Ratio Lower Upper
96 100
61 157.5 133.8 200.6
98 64.6 49.9 74.9



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





#13

Acrolein

Concen: 239.345 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

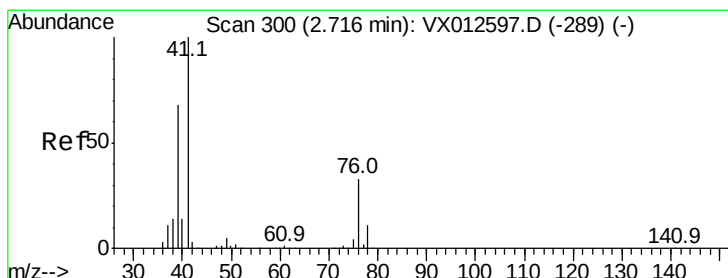
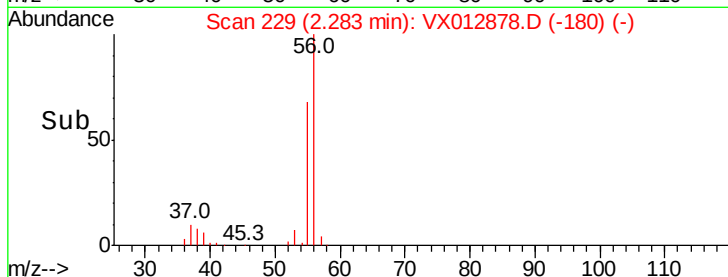
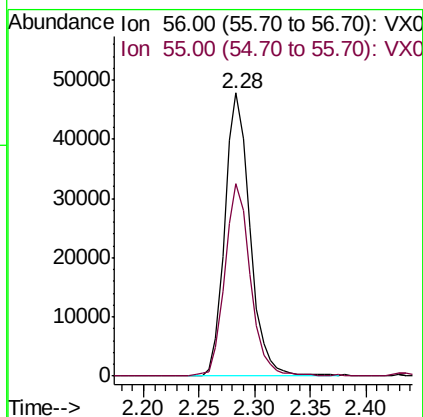
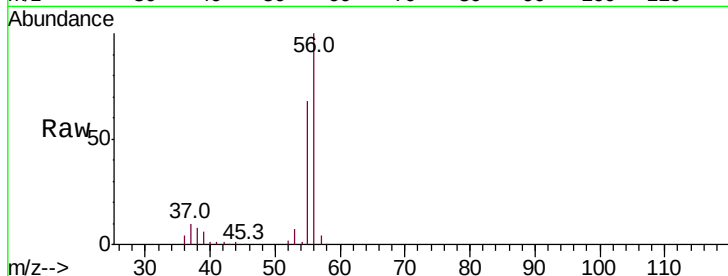
FA19-MMW3414MSD

Tot Ion: 56 Resp: 75088

Ion Ratio Lower Upper

56 100

55 68.3 55.8 83.8



#14

Allyl chloride

Concen: 43.837 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

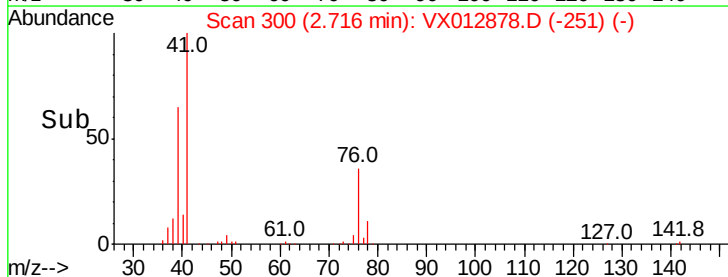
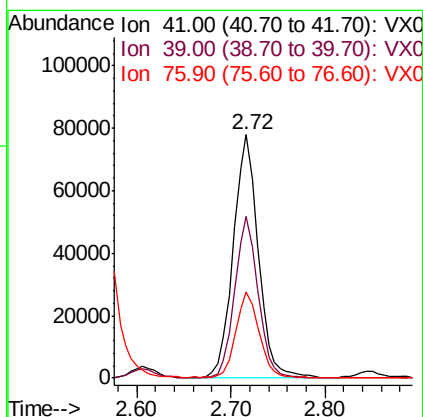
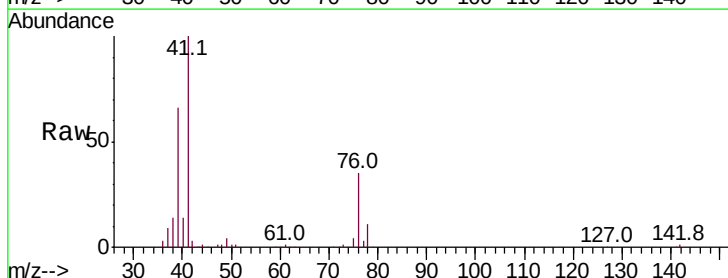
Tgt Ion: 41 Resp: 145046

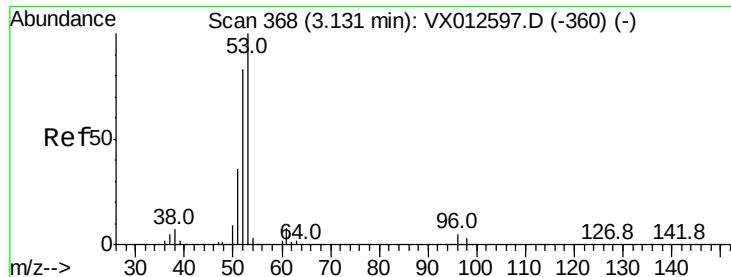
Ion Ratio Lower Upper

41 100

39 61.7 51.3 76.9

76 32.5 22.6 33.8





#15

Acrylonitrile

Concen: 245.073 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

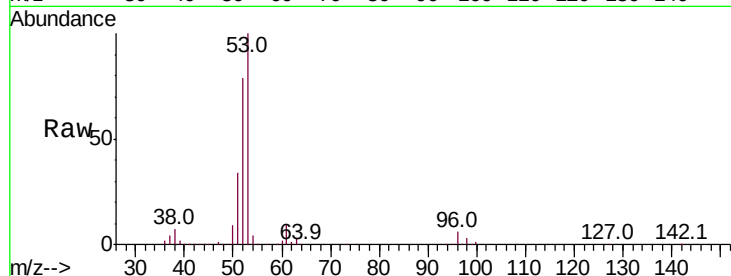
MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

Tot Ion: 53 Resp: 280544

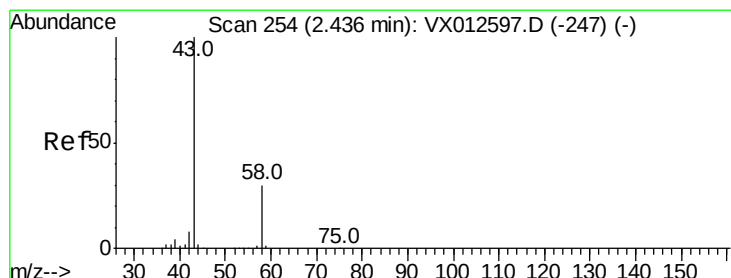
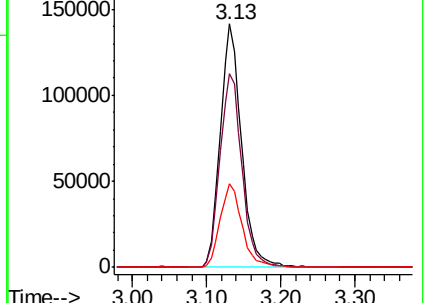
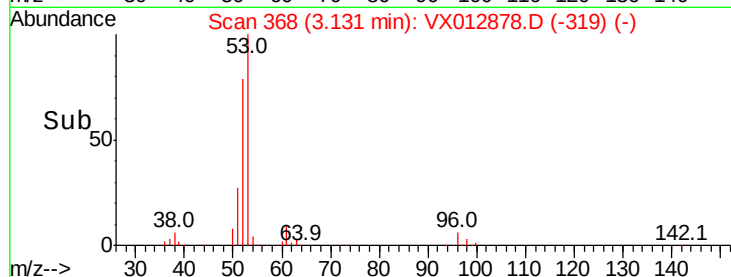
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.0	100.4
51	35.6	29.6	44.4



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: 205.552 ug/l

RT: 2.44 min Scan# 254

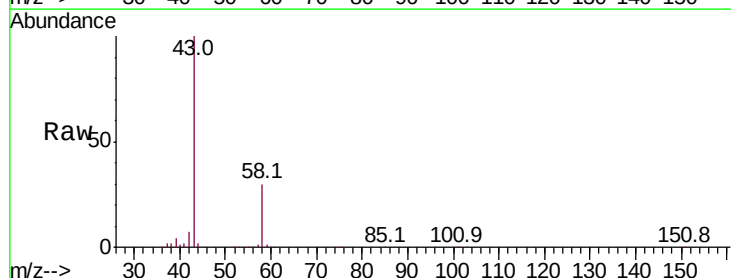
Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

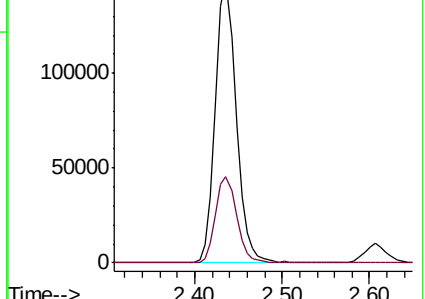
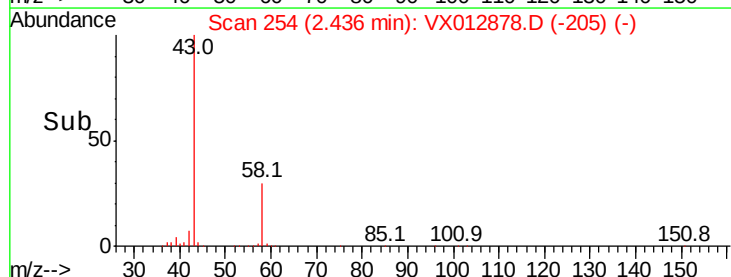
Tgt Ion: 43 Resp: 245924

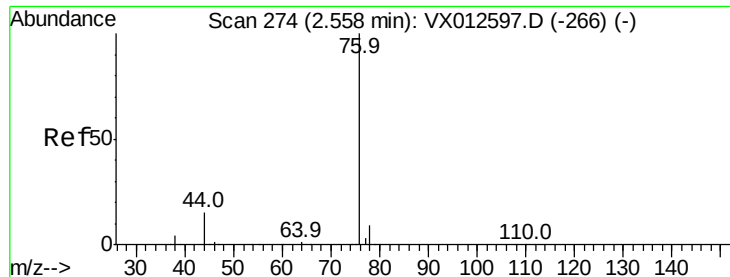
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.3	34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.439 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

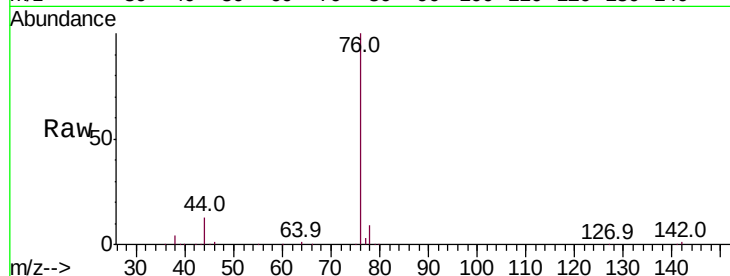
FA19-MMW3414MSD

Tot Ion: 76 Resp: 198421

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

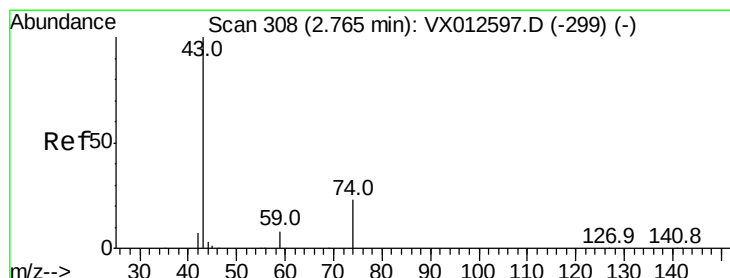
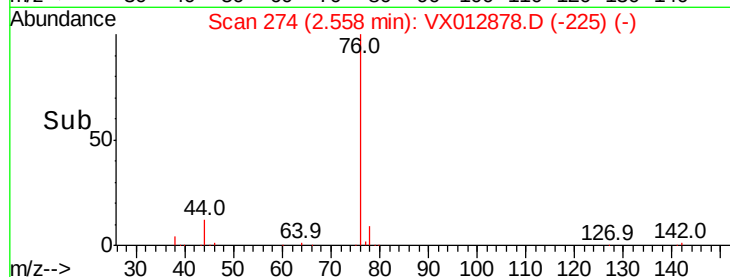
2.56

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.279 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012878.D

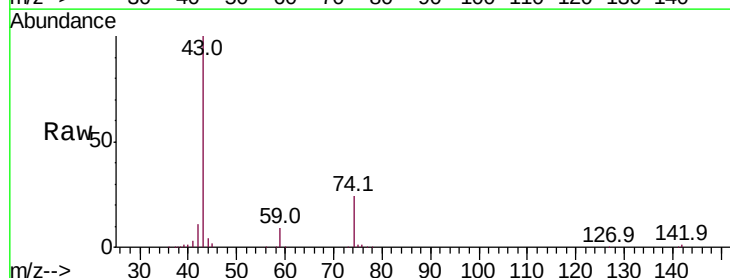
Acq: 08 Oct 2019 07:56

Tgt Ion: 43 Resp: 121924

Ion Ratio Lower Upper

43 100

74 23.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

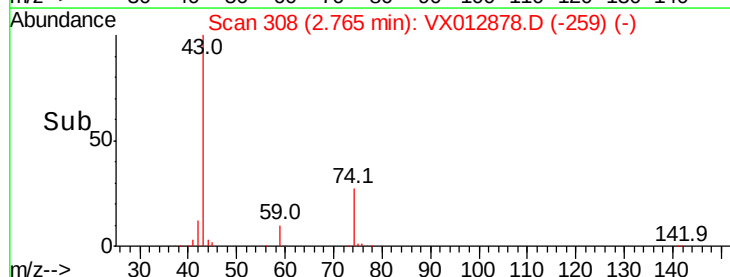
60000

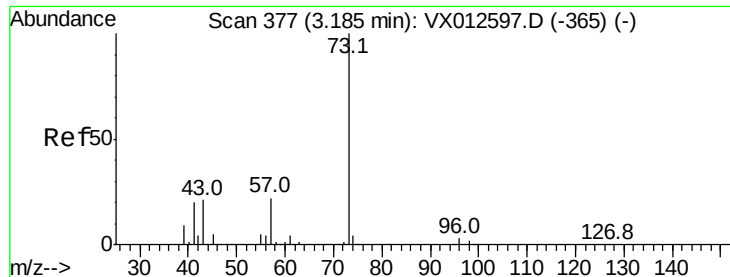
40000

20000

0

Time-->



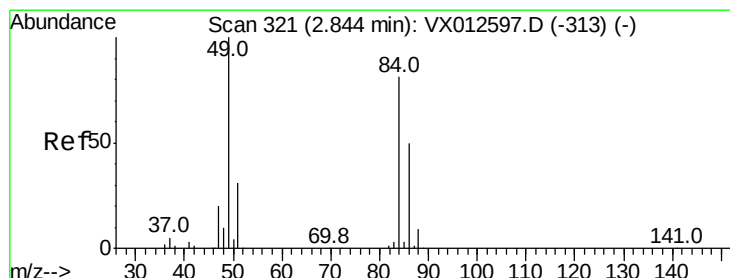
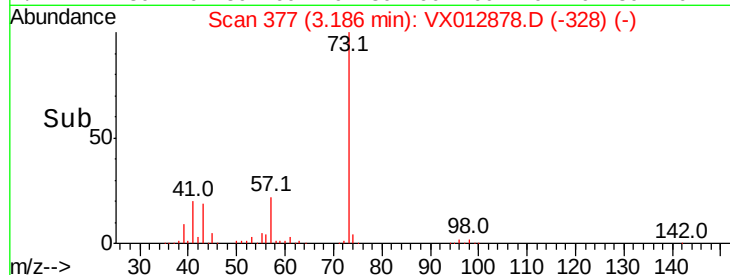
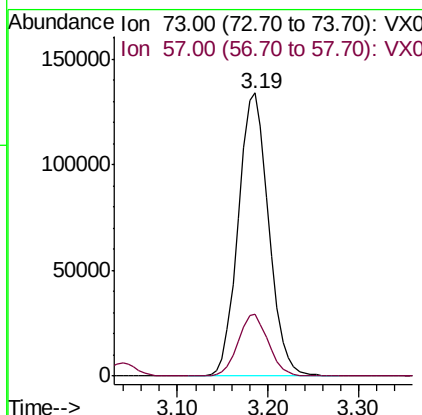
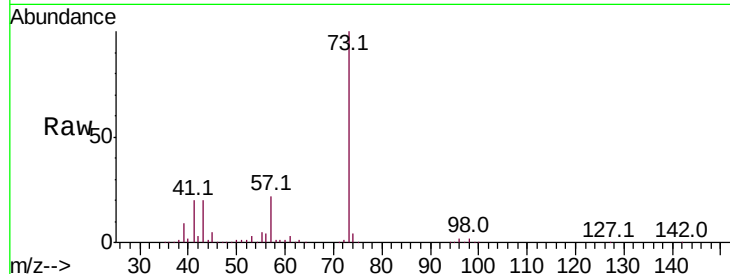


#19

Methyl tert-butyl Ether
 Concen: 49.370 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

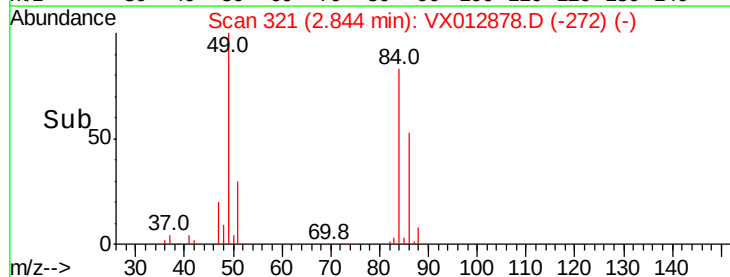
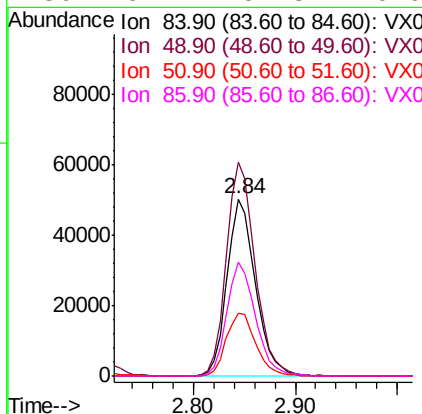
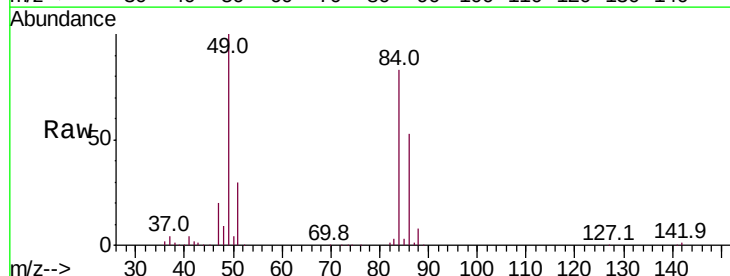
Tot Ion: 73 Resp: 311648
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2

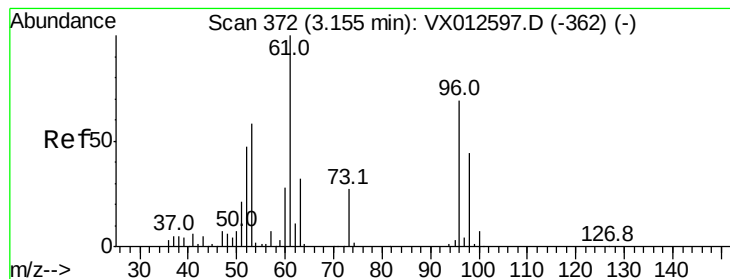


#20

Methylene Chloride
 Concen: 47.733 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion: 84 Resp: 96591
 Ion Ratio Lower Upper
 84 100
 49 120.6 106.8 160.2
 51 35.7 32.3 48.5
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.900 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

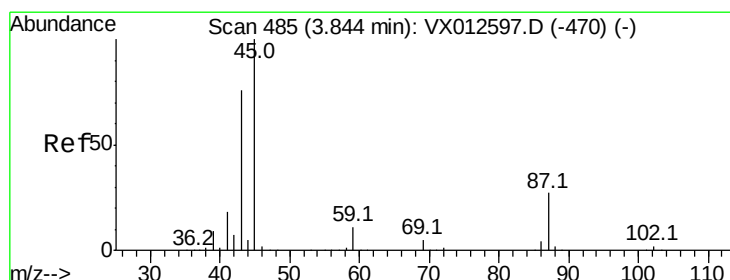
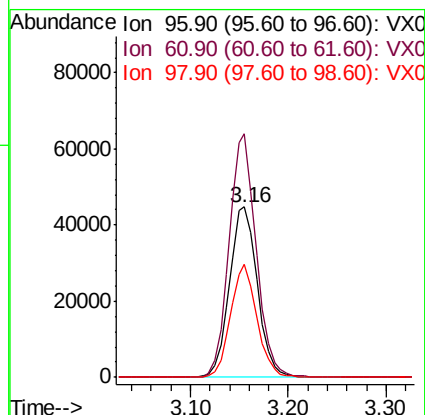
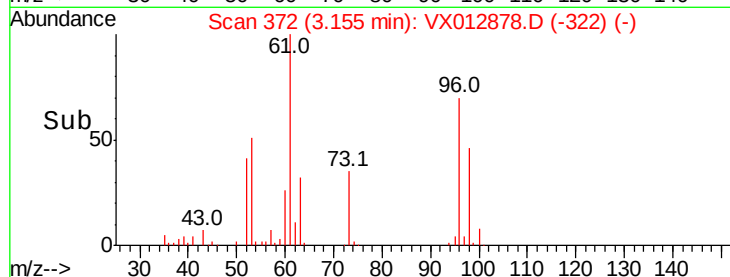
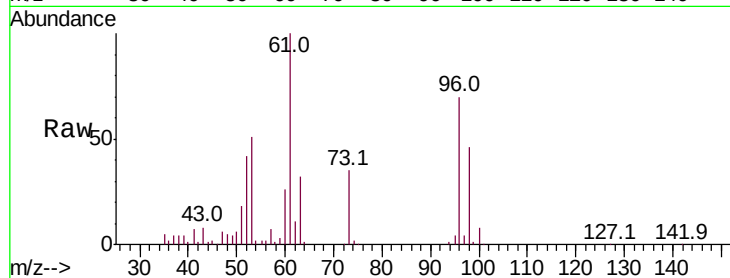
Tot Ion: 96 Resp: 88501

Ion Ratio Lower Upper

96 100

61 143.1 112.0 168.0

98 66.4 47.8 71.8



#22

Diisopropyl ether

Concen: 47.636 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Tgt Ion: 45 Resp: 304557

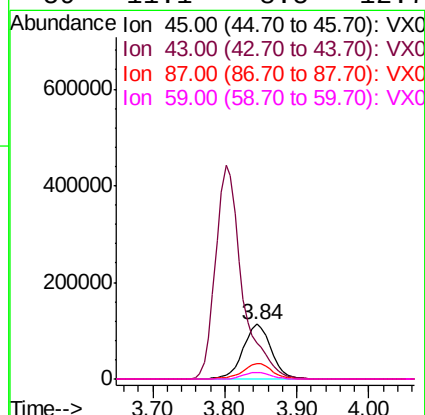
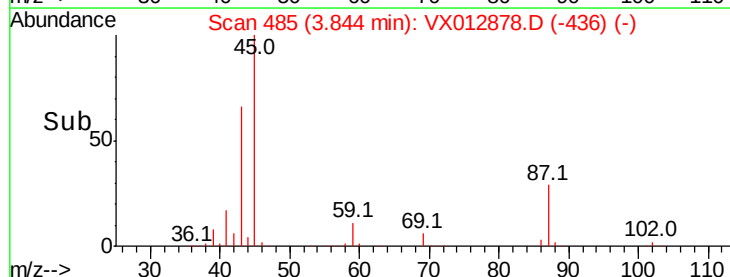
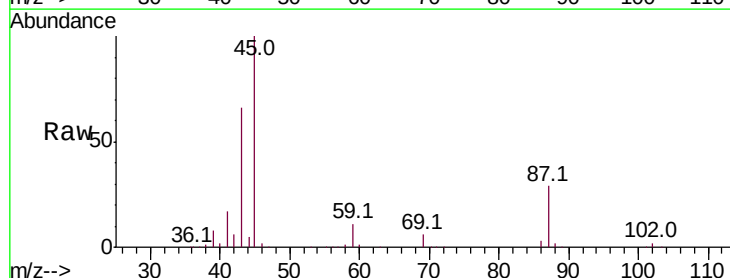
Ion Ratio Lower Upper

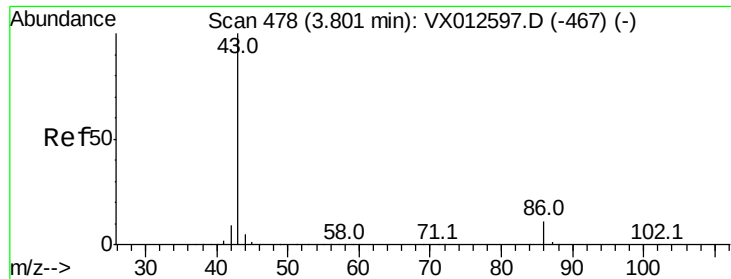
45 100

43 65.5 57.8 86.8

87 29.3 21.3 31.9

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 202.714 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

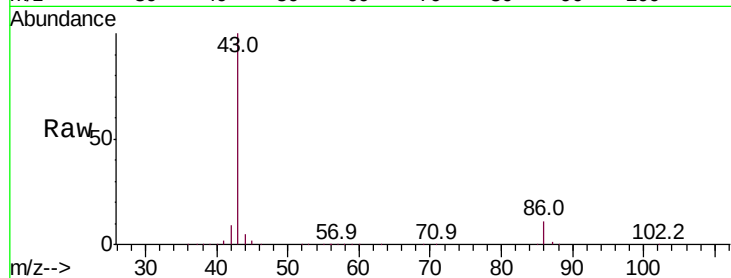
FA19-MMW3414MSD

Tot Ion: 43 Resp: 1136566

Ion Ratio Lower Upper

43 100

86 11.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

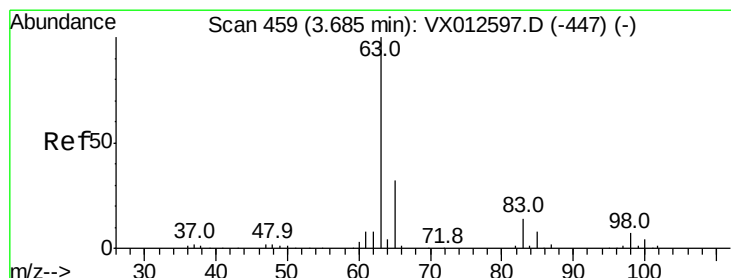
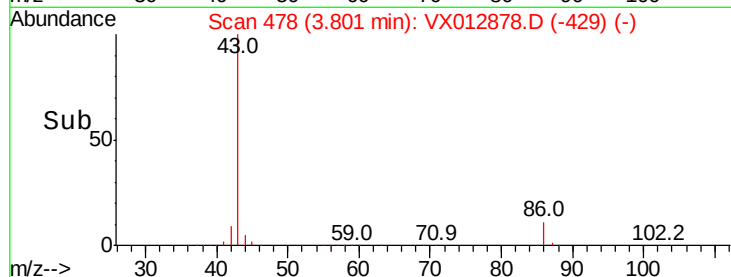
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.567 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

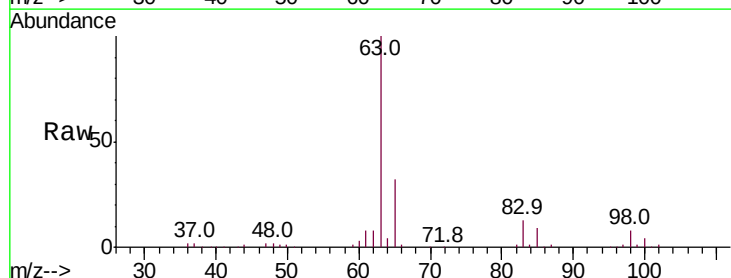
Tgt Ion: 63 Resp: 168787

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

100 4.1 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

80000

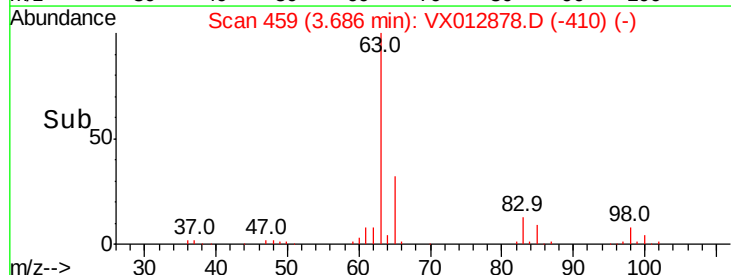
60000

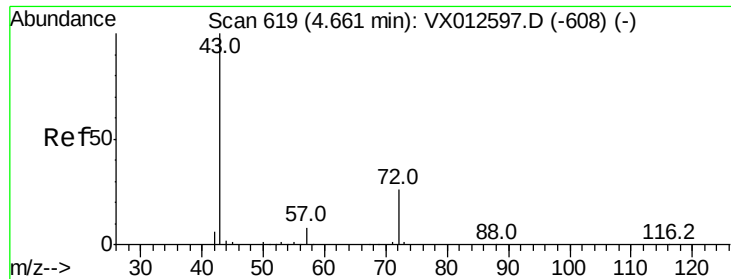
40000

20000

0

Time-->





#25

2-Butanone

Concen: 223.611 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

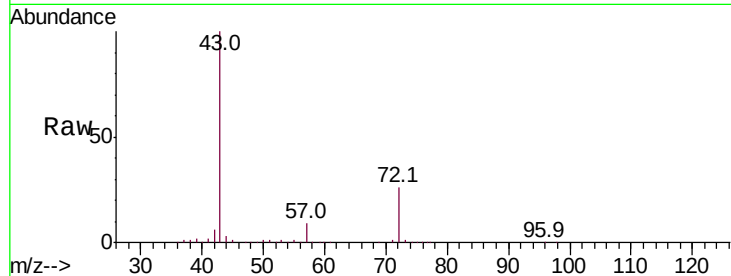
FA19-MMW3414MSD

Tot Ion: 43 Resp: 383597

Ion Ratio Lower Upper

43 100

72 26.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

50000

0

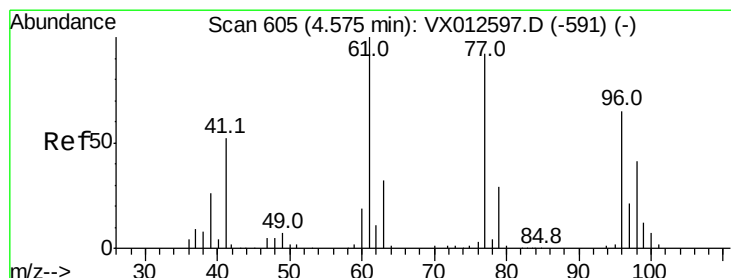
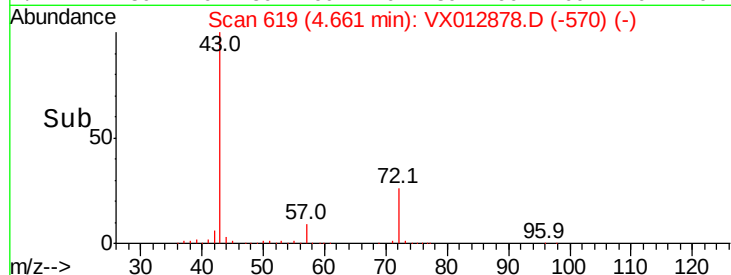
4.66

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 26.968 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012878.D

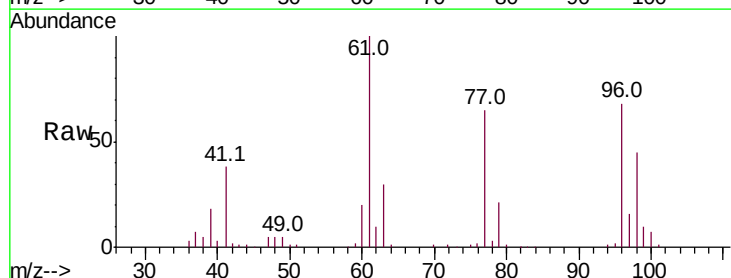
Acq: 08 Oct 2019 07:56

Tgt Ion: 77 Resp: 83356

Ion Ratio Lower Upper

77 100

97 25.1 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

10000

5000

0

4.57

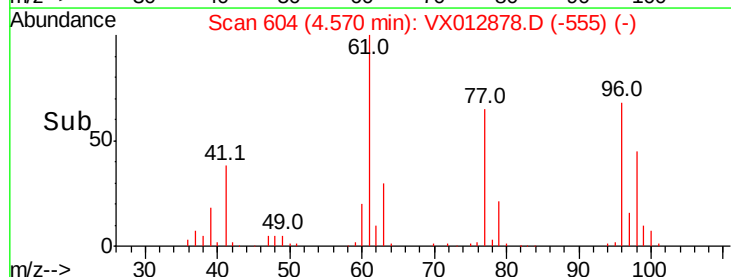
4.40

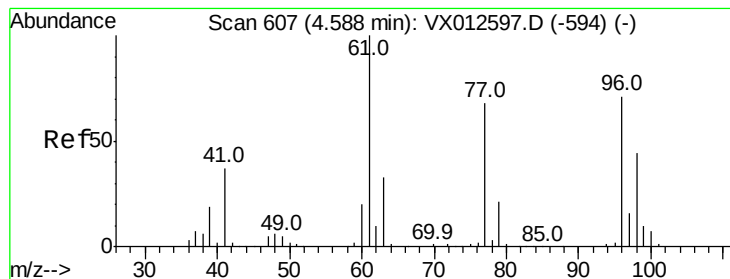
4.50

4.60

4.70

Time-->



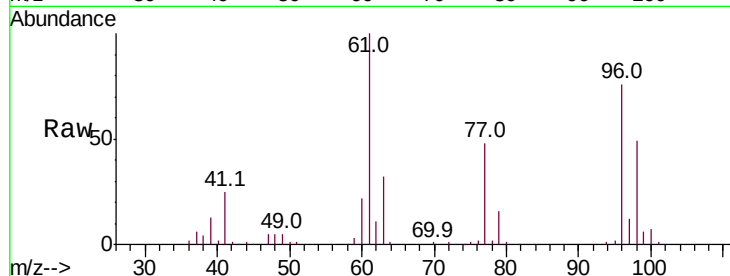


#27

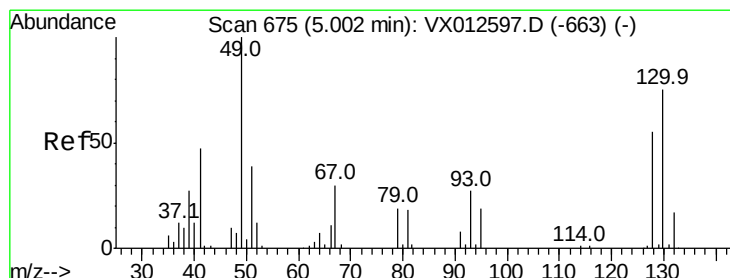
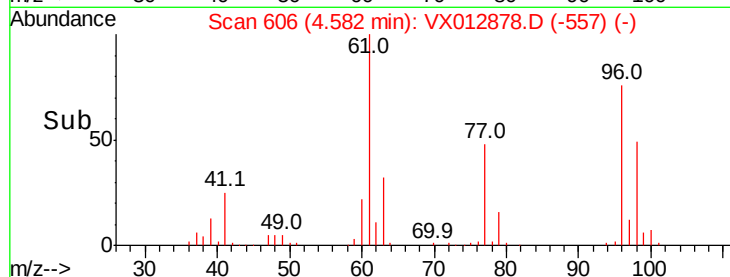
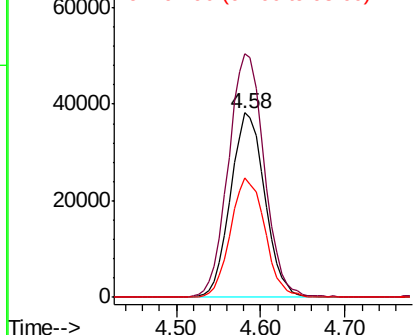
cis-1,2-Dichloroethene
Concen: 49.279 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

Tot Ion: 96 Resp: 105644
Ion Ratio Lower Upper
96 100
61 138.2 0.0 319.4
98 64.9 0.0 130.6



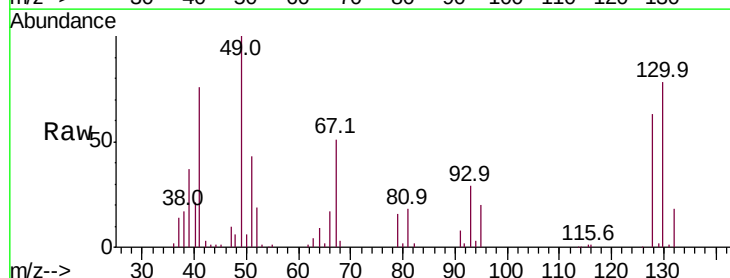
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



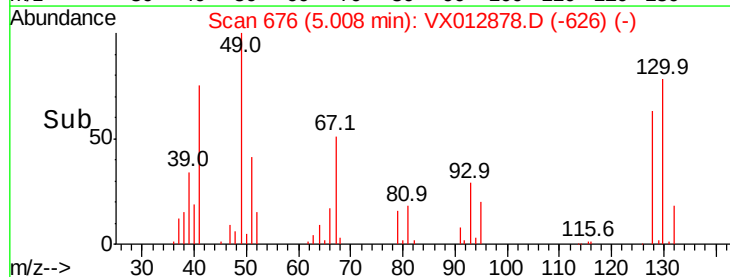
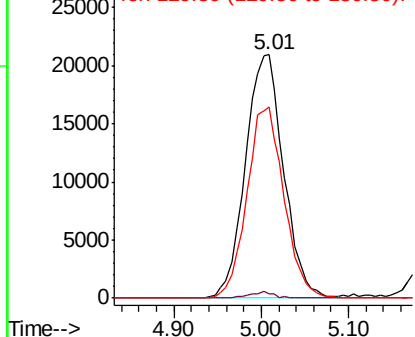
#28

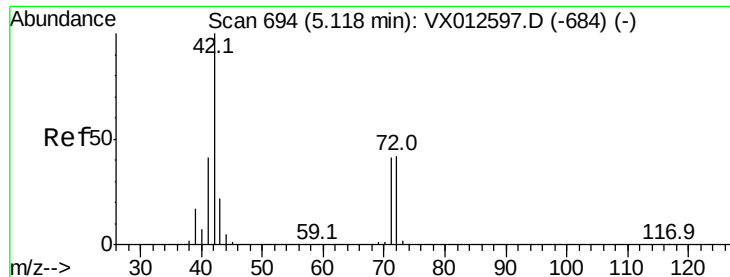
Bromochloromethane
Concen: 50.386 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion: 49 Resp: 63582
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 76.1 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: 237.857 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

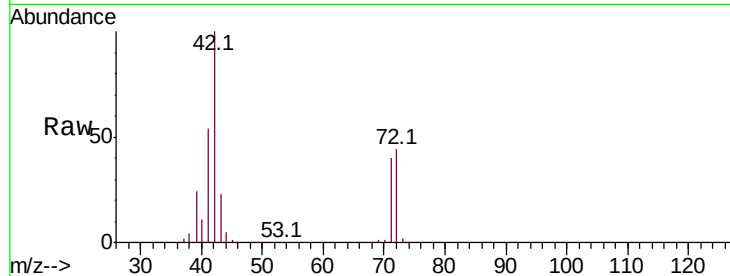
Tot Ion: 42 Resp: 248700

Ion Ratio Lower Upper

42 100

72 45.8 34.0 51.0

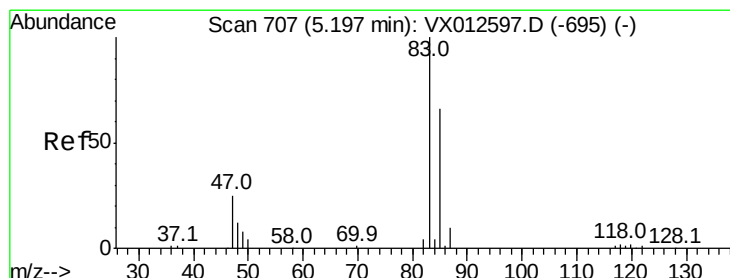
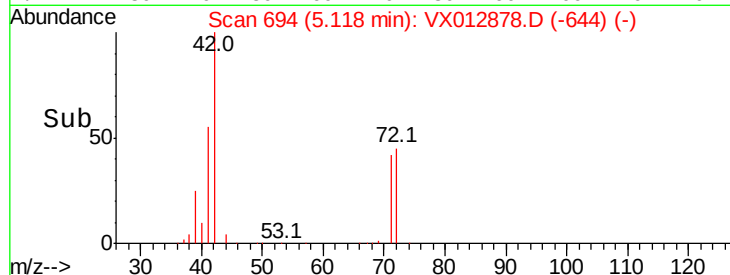
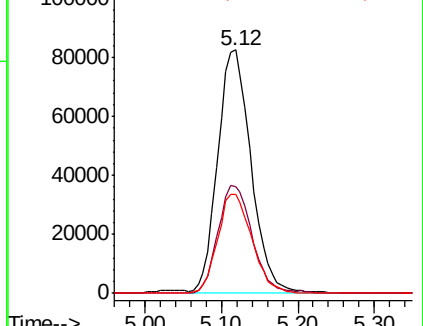
71 41.9 31.5 47.3



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: 48.037 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012878.D

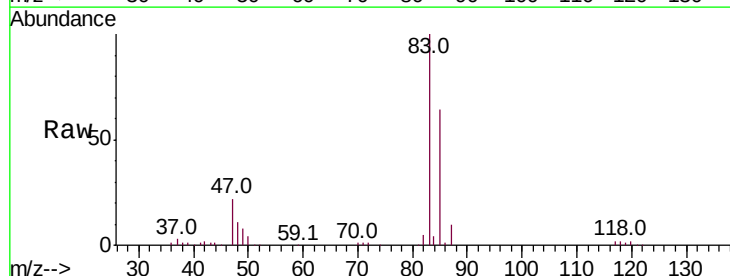
Acq: 08 Oct 2019 07:56

Tgt Ion: 83 Resp: 170798

Ion Ratio Lower Upper

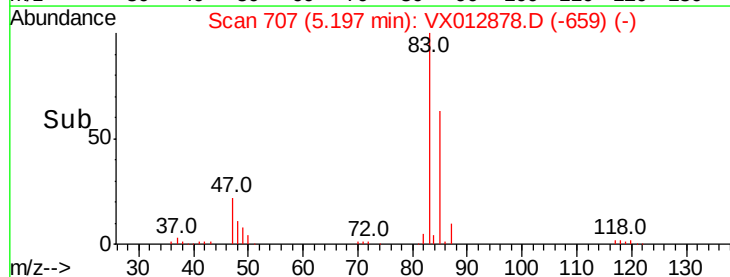
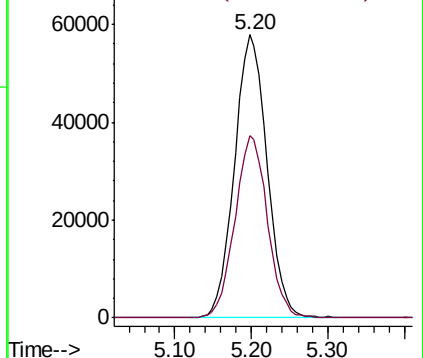
83 100

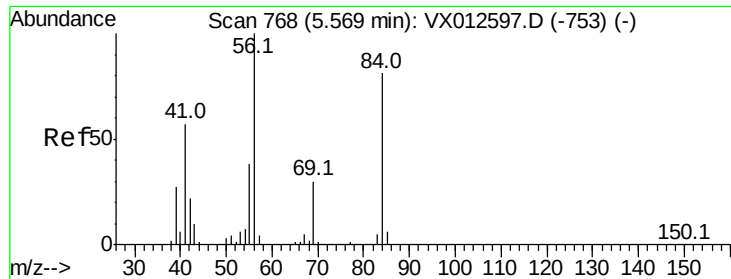
85 64.3 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

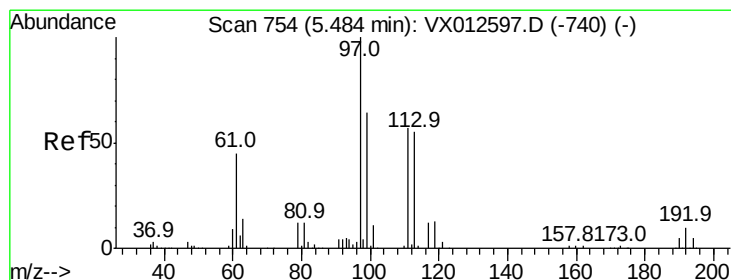
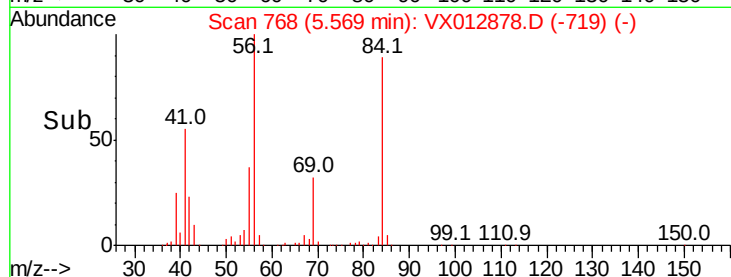
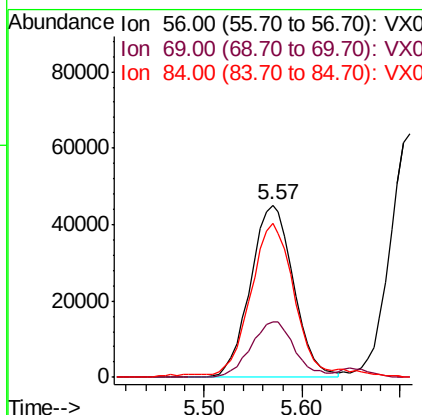
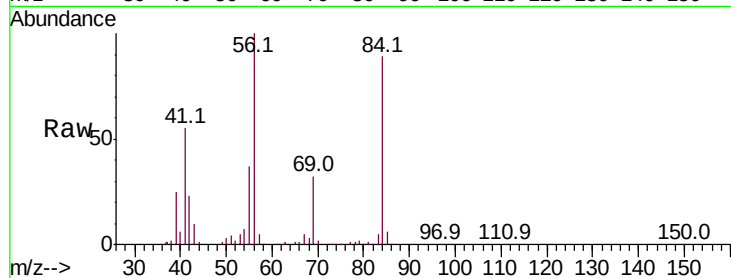




#31
Cyclohexane
Concen: 44.155 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

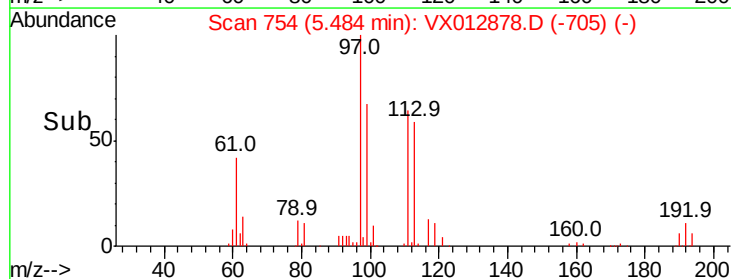
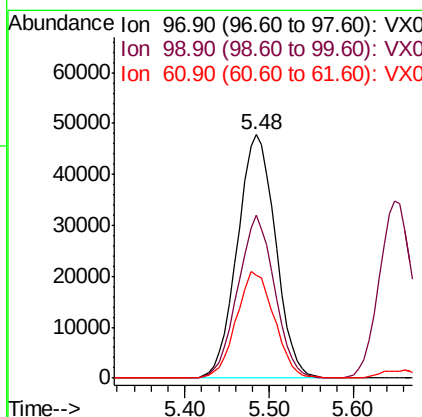
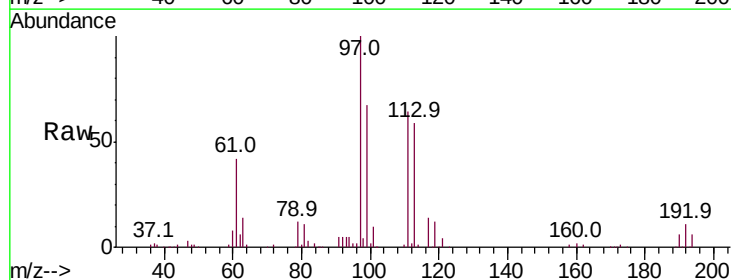
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

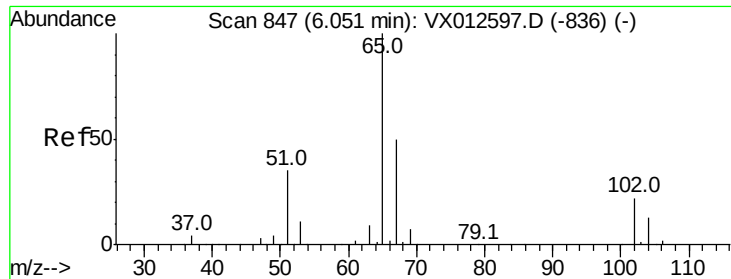
Tot Ion: 56 Resp: 138824
Ion Ratio Lower Upper
56 100
69 32.3 25.0 37.6
84 87.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.675 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion: 97 Resp: 147083
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 43.6 36.1 54.1

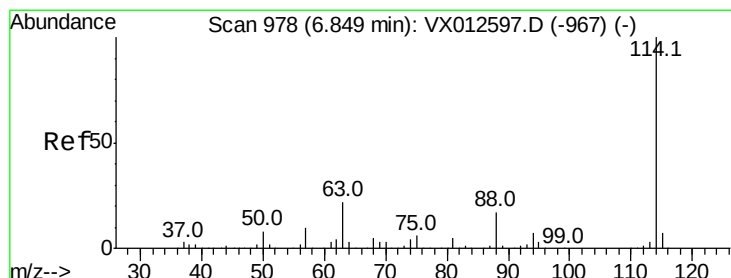
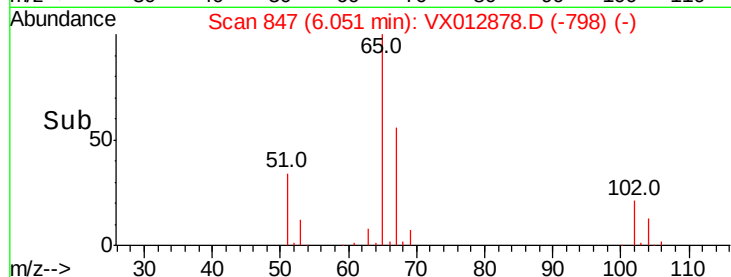
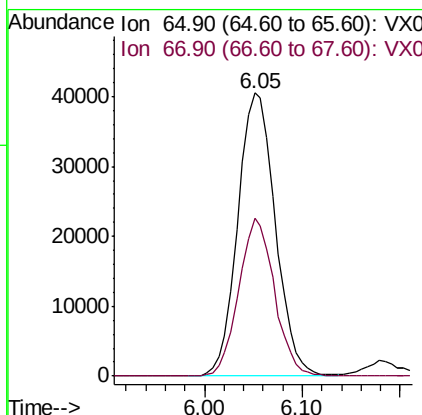
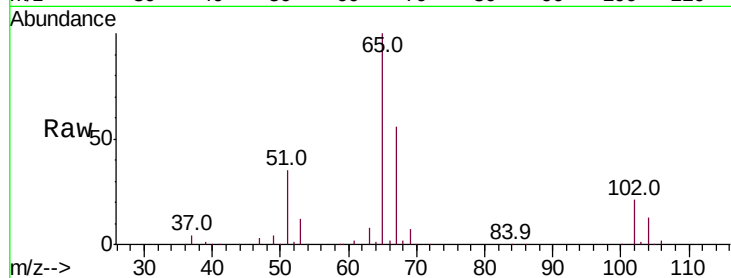




#33
 1,2-Dichloroethane-d4
 Concen: 47.850 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

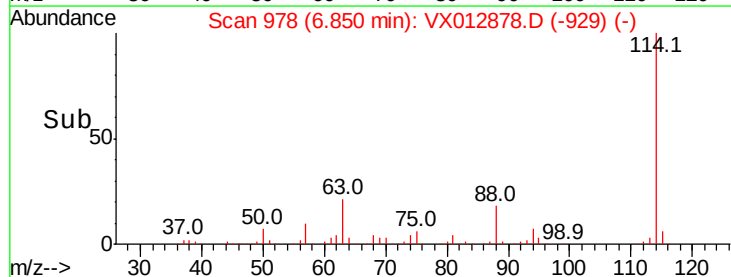
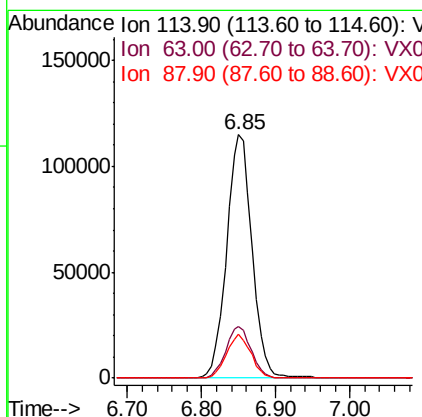
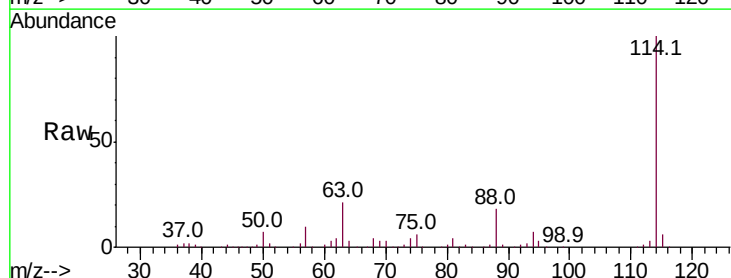
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

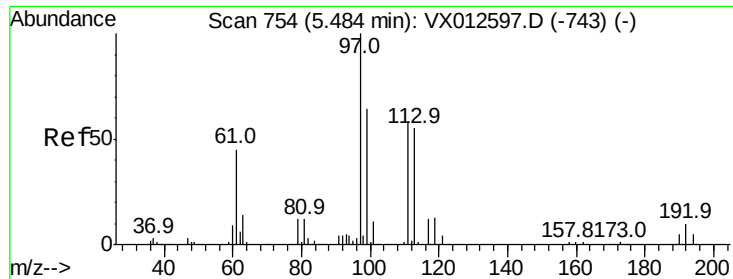
Tot Ion: 65 Resp: 108081
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion: 114 Resp: 274300
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 17.8 0.0 33.2

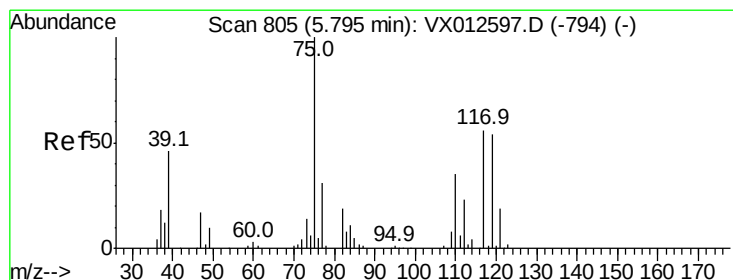
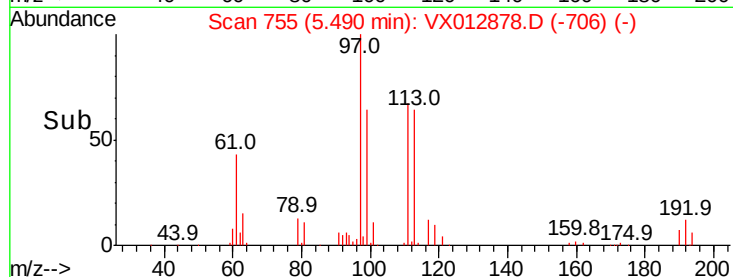
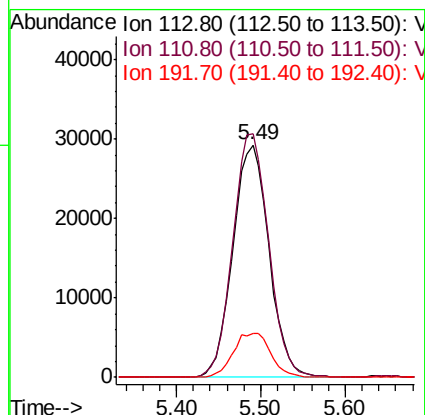
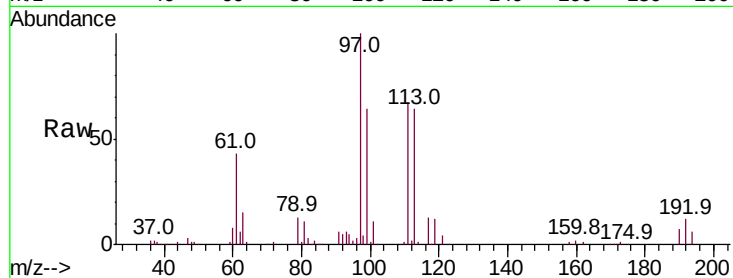




#35
 Dibromofluoromethane
 Concen: 52.030 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

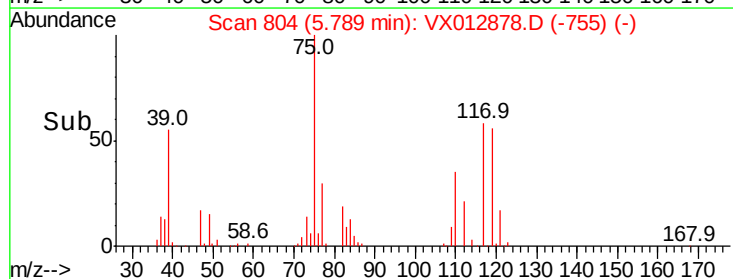
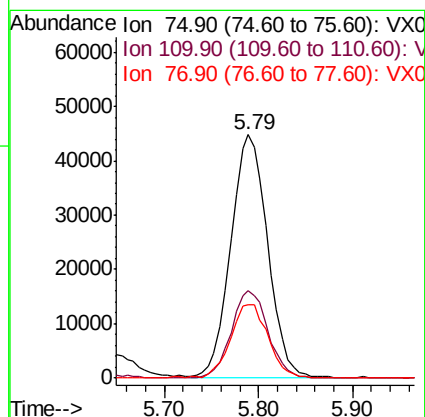
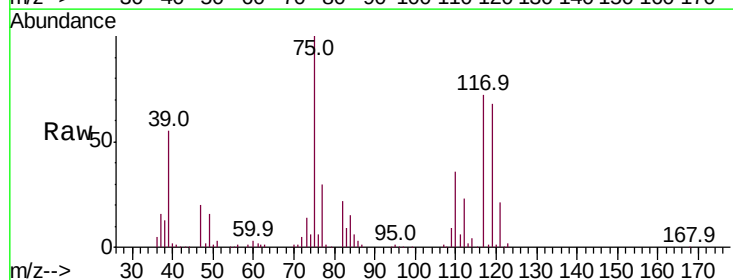
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

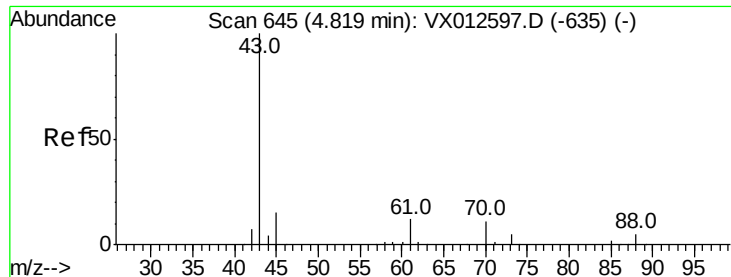
Tot Ion:113 Resp: 84995
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.4 125.2
 192 19.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 46.133 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion: 75 Resp: 121973
 Ion Ratio Lower Upper
 75 100
 110 35.8 16.7 50.0
 77 31.1 24.2 36.2





#37

Ethyl Acetate

Concen: 41.995 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

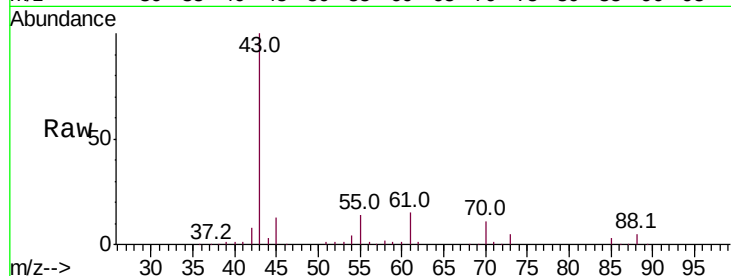
Tot Ion: 43 Resp: 129810

Ion Ratio Lower Upper

43 100

61 14.6 10.2 15.4

70 12.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

150000

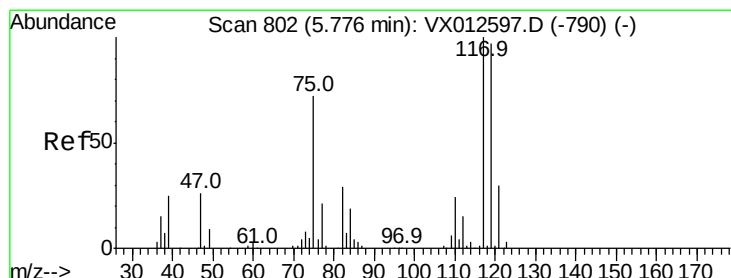
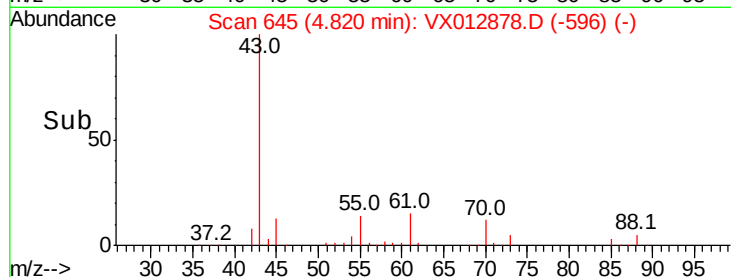
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#38

Carbon Tetrachloride

Concen: 45.872 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

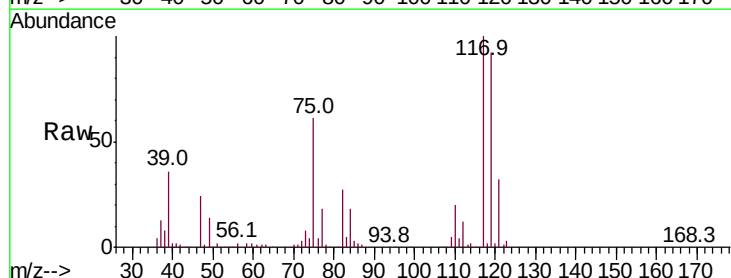
Tgt Ion: 117 Resp: 123203

Ion Ratio Lower Upper

117 100

119 92.2 75.7 113.5

121 31.9 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

50000

40000

30000

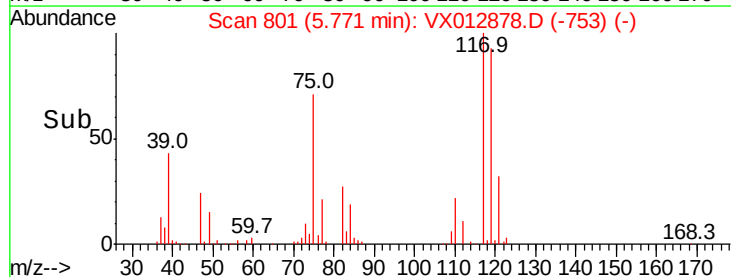
20000

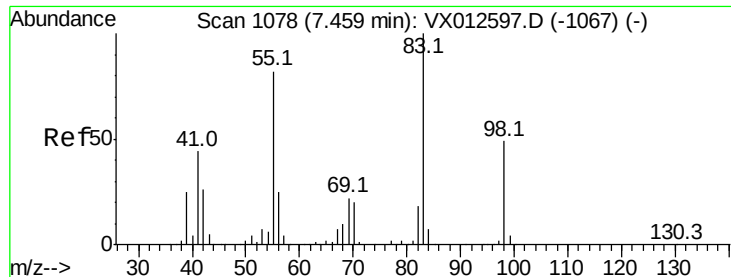
10000

0

5.70 5.80 5.90

Time-->

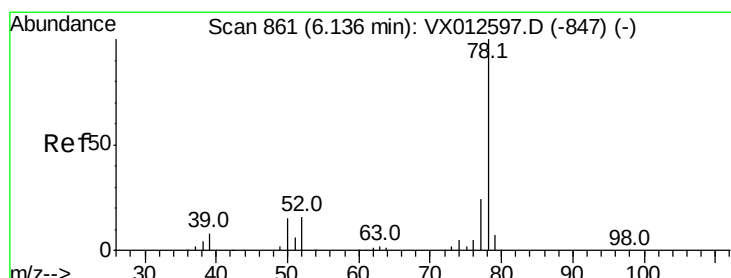
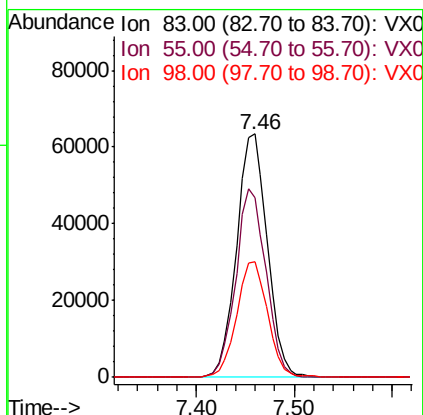
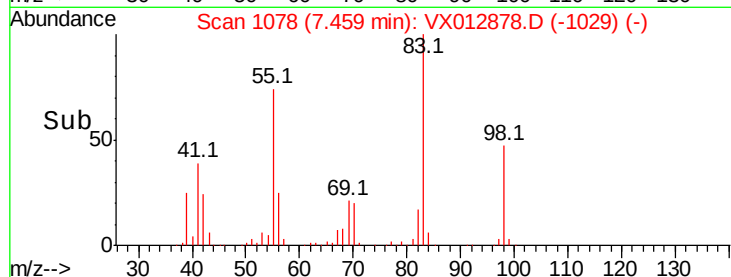
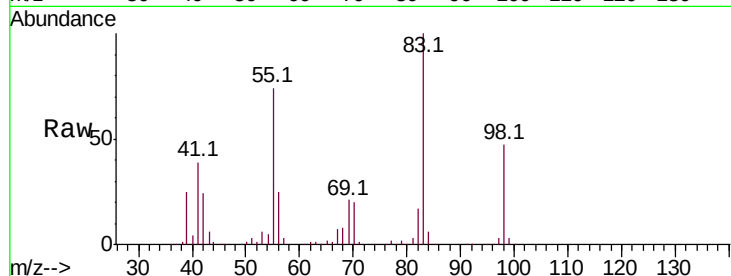




#39
Methylvlcyclohexane
Concen: 43.375 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

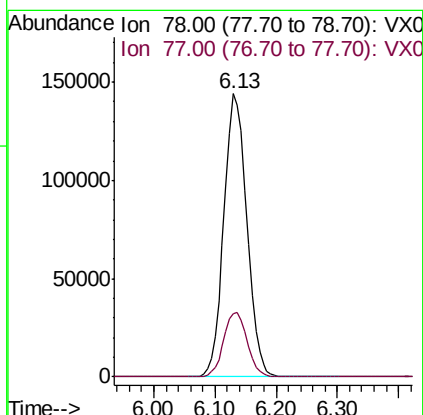
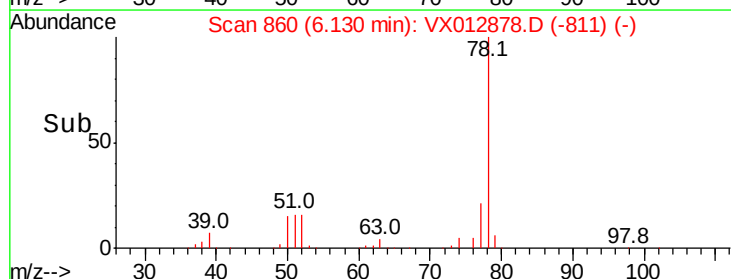
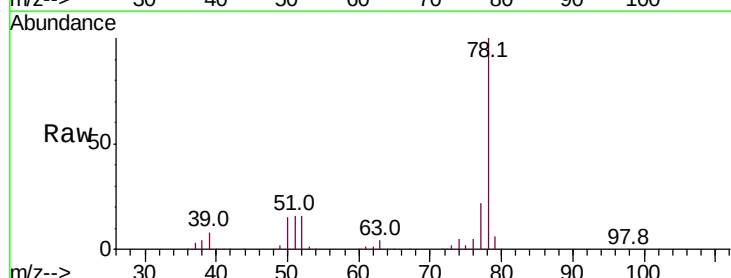
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

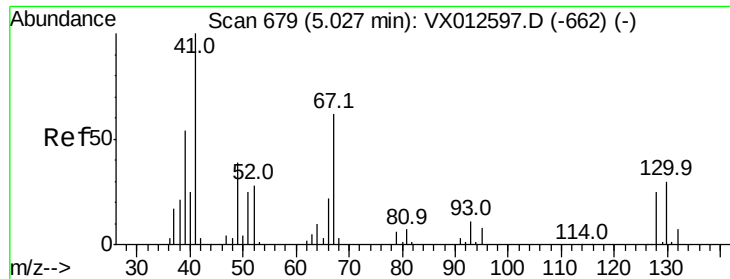
Tot Ion: 83 Resp: 138063
Ion Ratio Lower Upper
83 100
55 73.7 64.4 96.6
98 47.4 40.1 60.1



#40
Benzene
Concen: 48.224 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion: 78 Resp: 375152
Ion Ratio Lower Upper
78 100
77 22.3 19.2 28.8

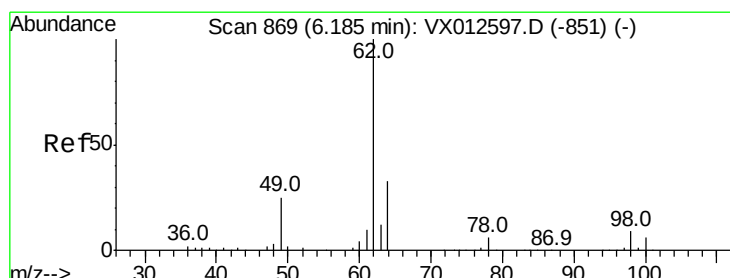
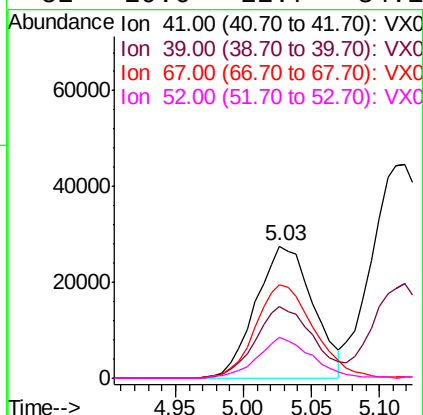
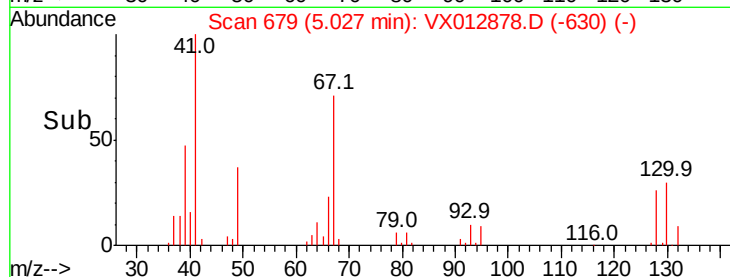
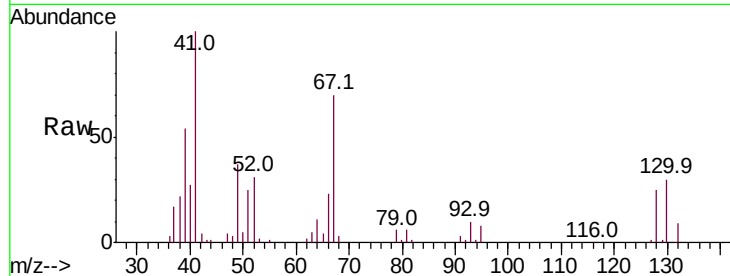




#41
Methacrylonitrile
Concen: 46.762 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

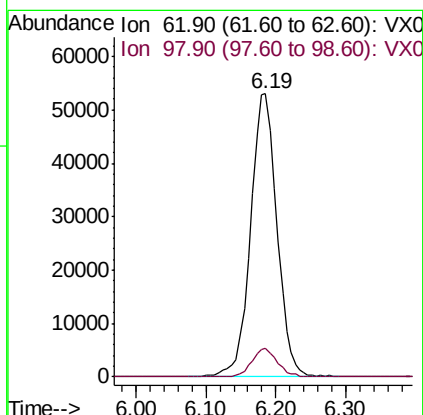
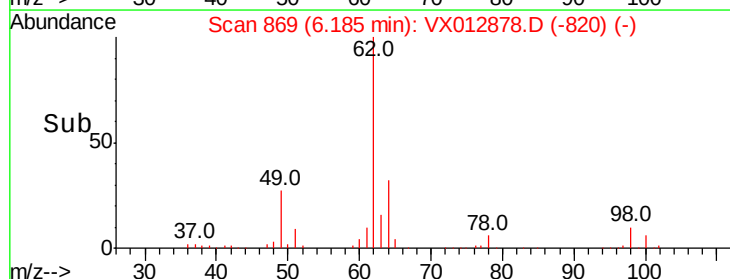
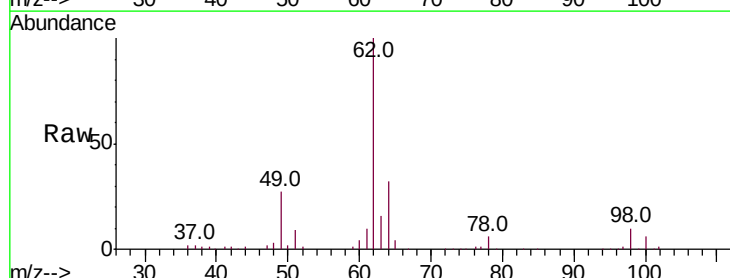
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

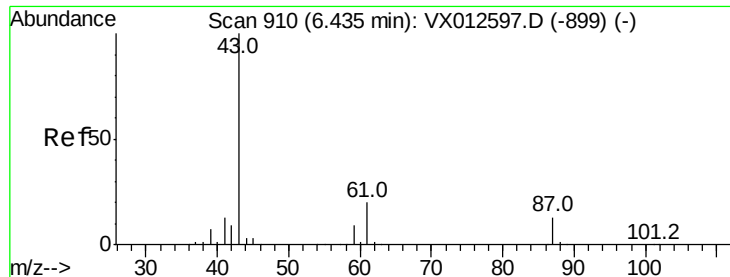
Tot Ion:	41	Resp:	81100
Ion	Ratio	Lower	Upper
41	100		
39	55.8	46.0	69.0
67	72.5	52.2	78.2
52	29.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 47.115 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion:	62	Resp:	139183
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 43.239 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

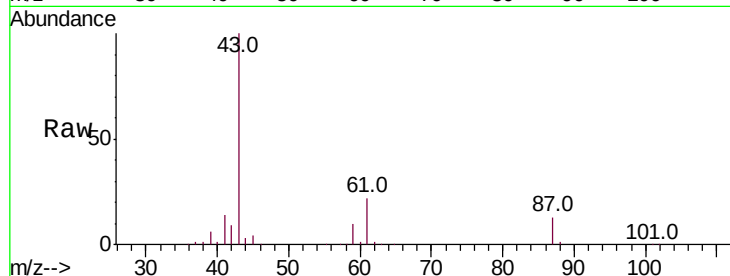
Tot Ion: 43 Resp: 223513

Ion Ratio Lower Upper

43 100

61 20.9 15.4 23.0

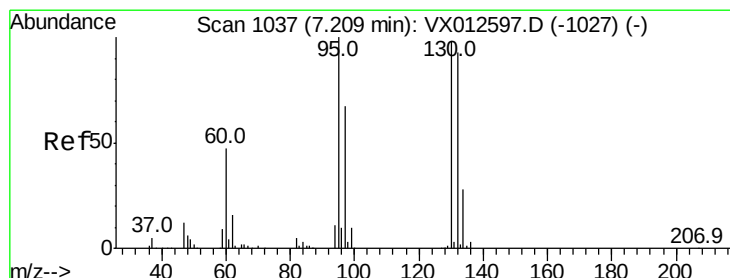
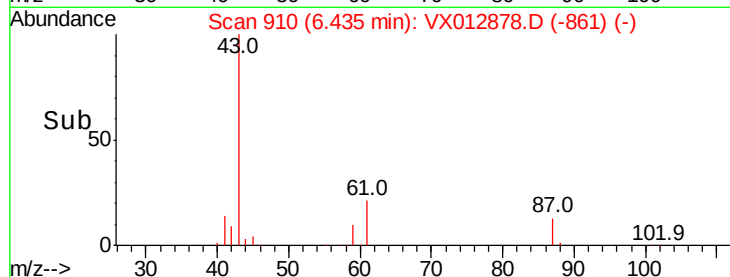
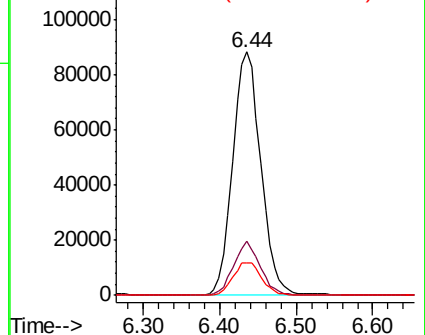
87 13.8 9.8 14.8



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: 49.016 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012878.D

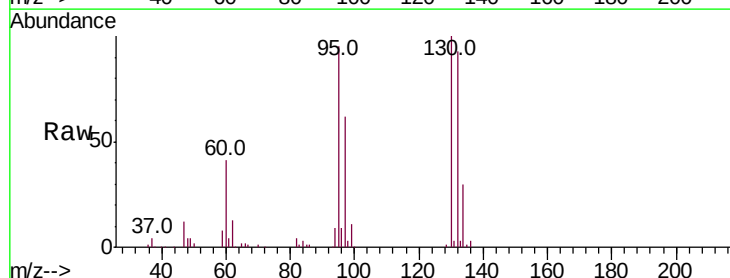
Acq: 08 Oct 2019 07:56

Tgt Ion:130 Resp: 97479

Ion Ratio Lower Upper

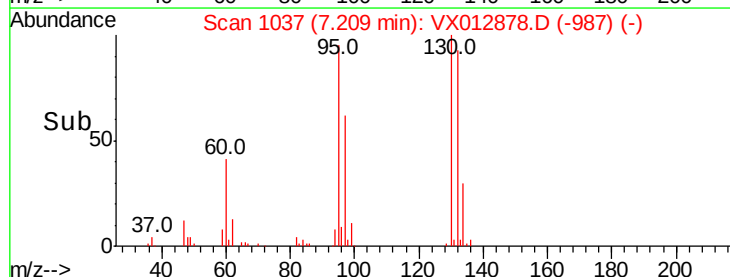
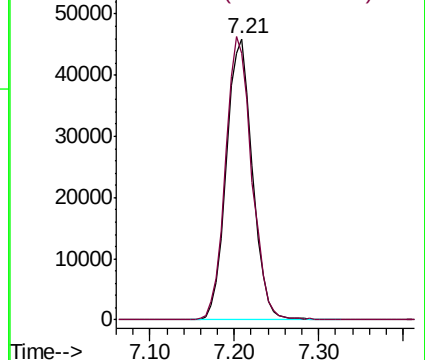
130 100

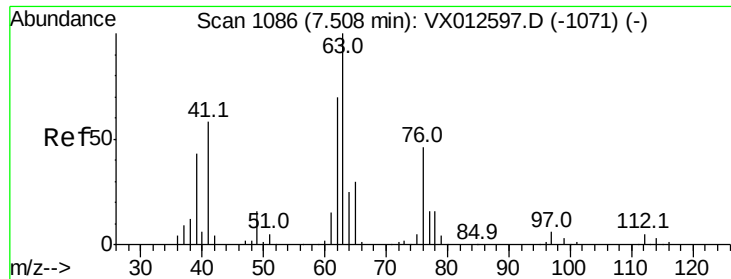
95 94.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

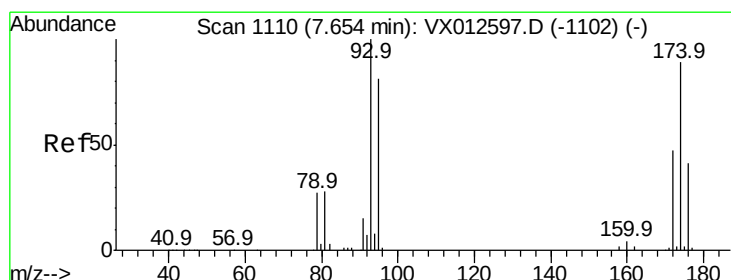
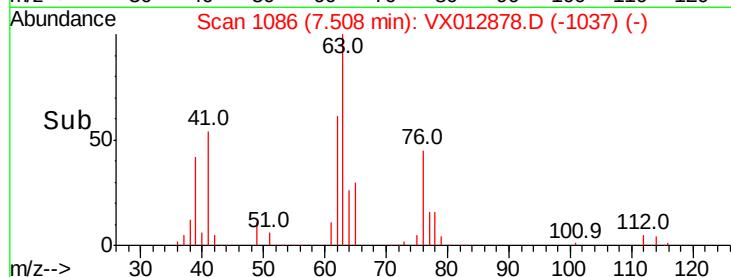
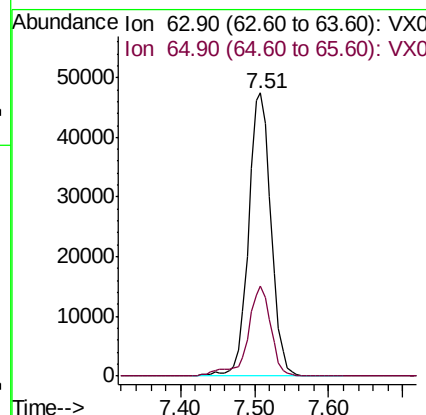
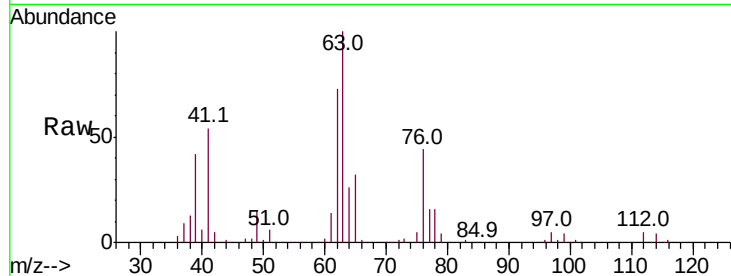




#45
 1,2-Dichloropropane
 Concen: 50.300 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

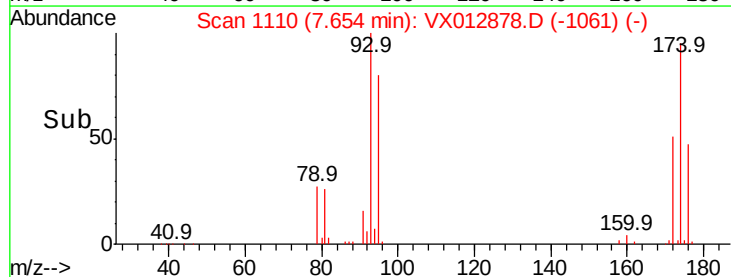
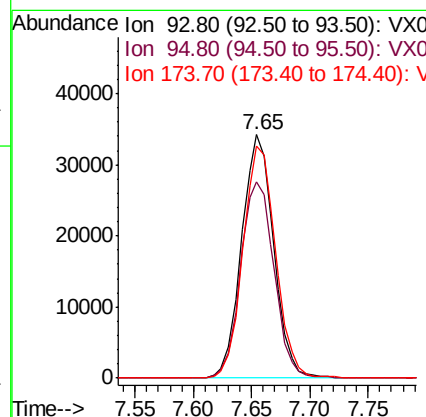
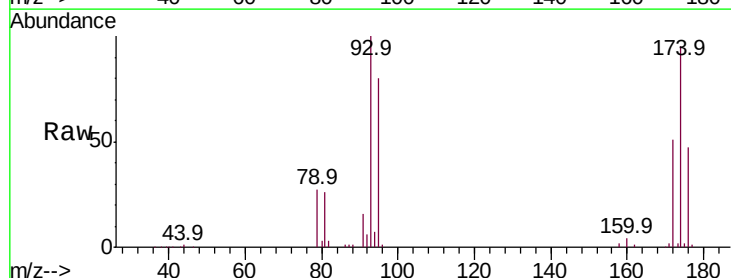
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

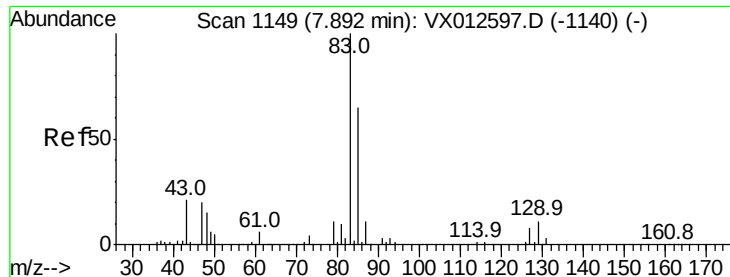
Tot Ion: 63 Resp: 100182
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.6



#46
 Dibromomethane
 Concen: 48.553 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion: 93 Resp: 65840
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 100.0
 174 97.5 77.4 116.0





#47

Bromodichloromethane

Concen: 48.713 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

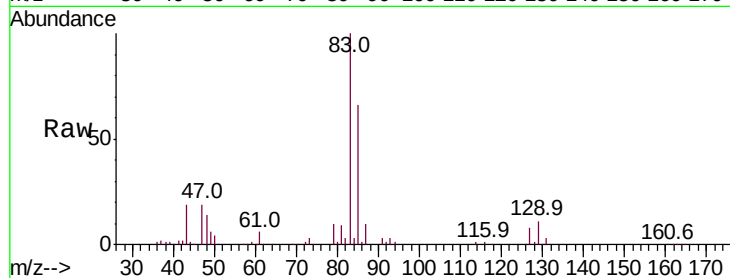
Tot Ion: 83 Resp: 132023

Ion Ratio Lower Upper

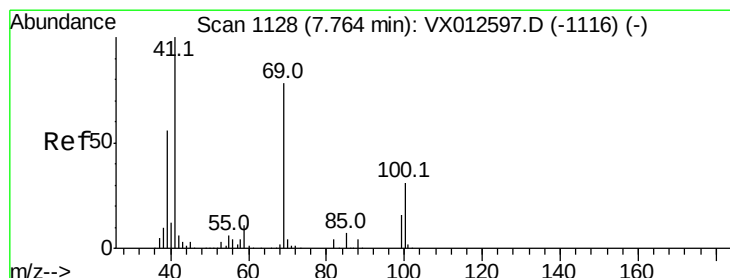
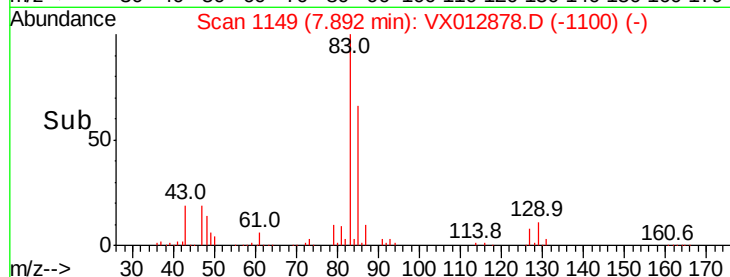
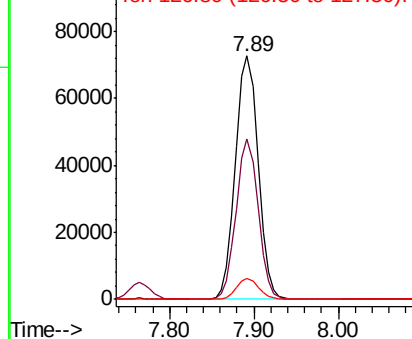
83 100

85 65.7 51.8 77.6

127 8.3 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: 47.126 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

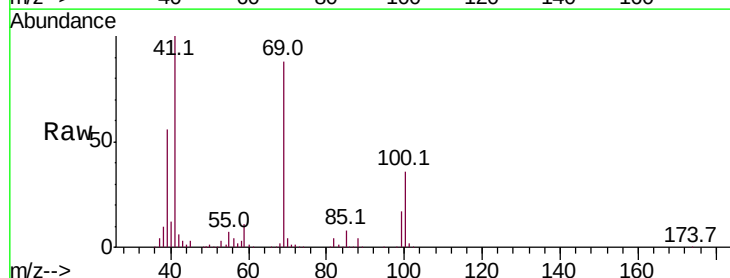
Tgt Ion: 41 Resp: 116808

Ion Ratio Lower Upper

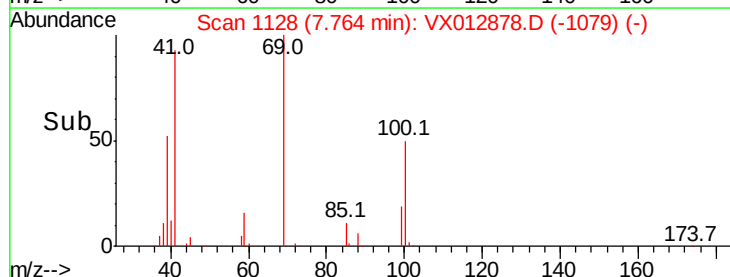
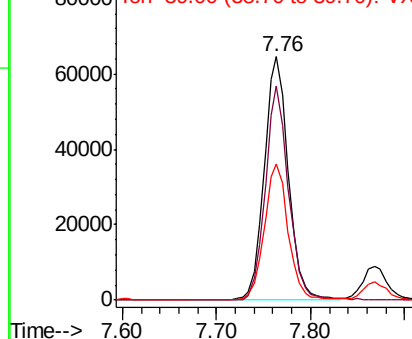
41 100

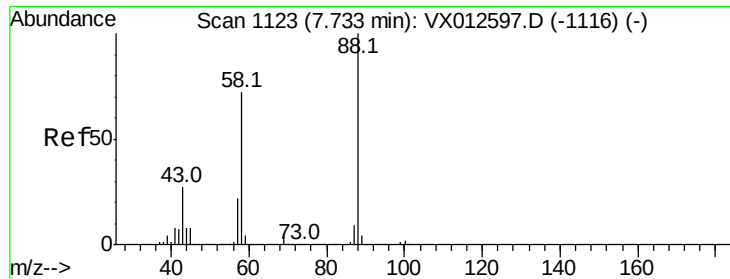
69 84.4 59.9 89.9

39 55.2 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

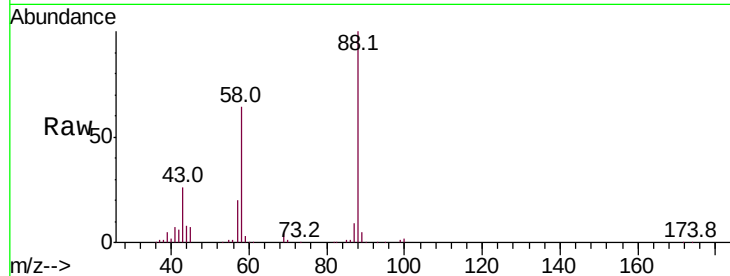




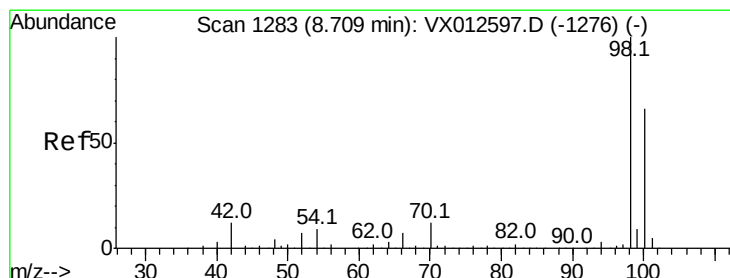
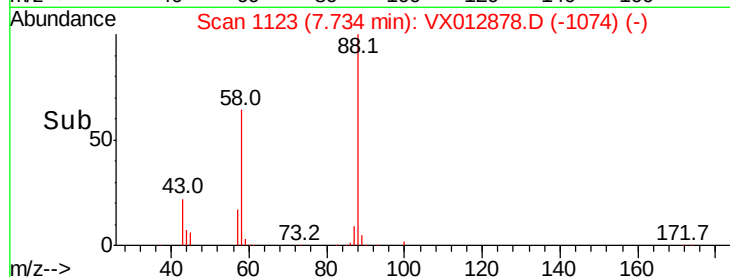
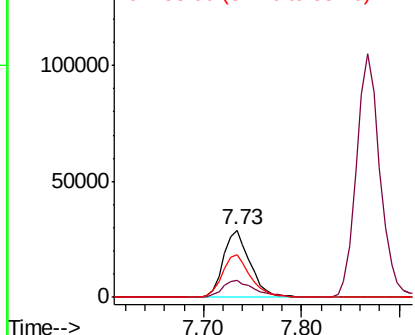
#49
1,4-Dioxane
Concen: 969.932 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

Tot Ion: 88 Resp: 54529
Ion Ratio Lower Upper
88 100
43 31.7 29.4 44.0
58 67.5 57.5 86.3

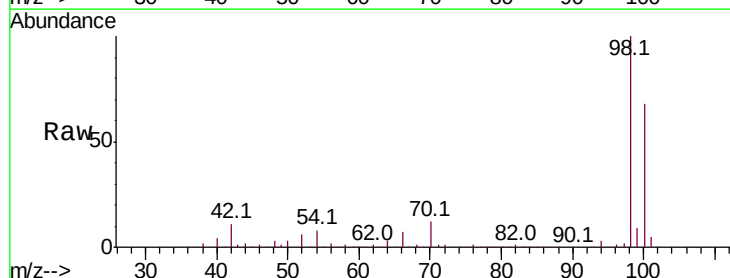


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

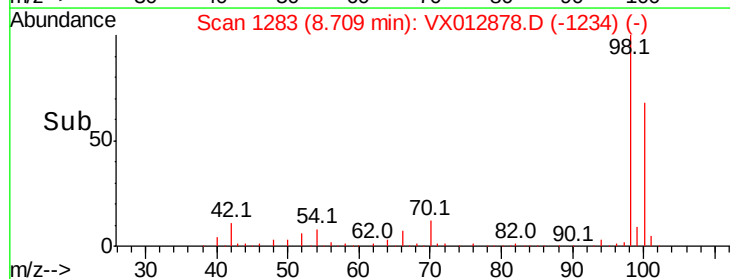
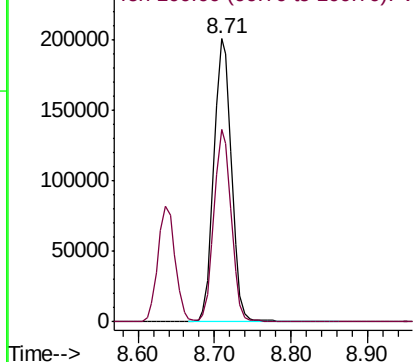


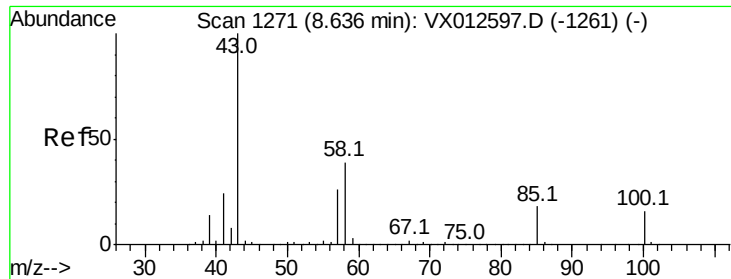
#50
Toluene-d8
Concen: 51.044 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion: 98 Resp: 321117
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 238.106 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

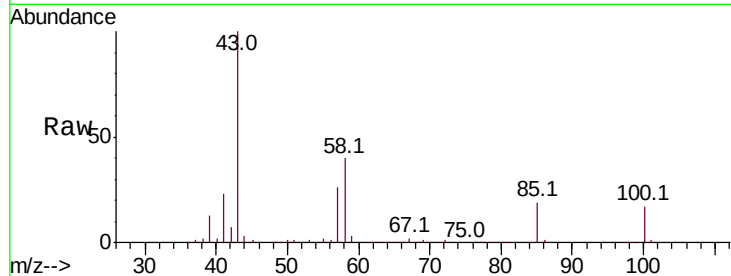
FA19-MMW3414MSD

Tot Ion: 43 Resp: 759766

Ion Ratio Lower Upper

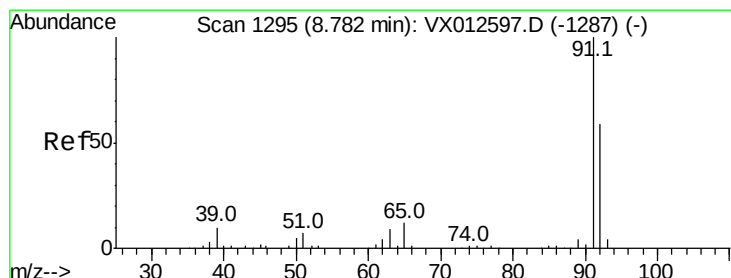
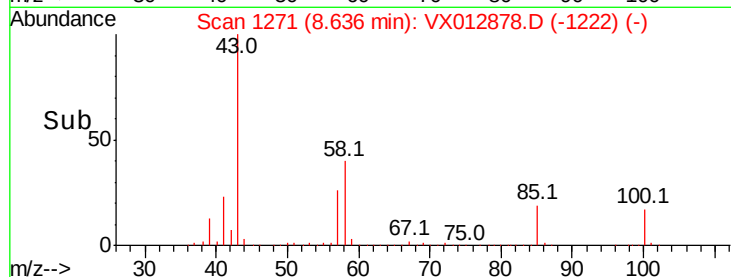
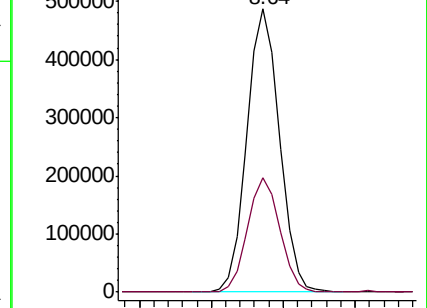
43 100

58 40.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.768 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012878.D

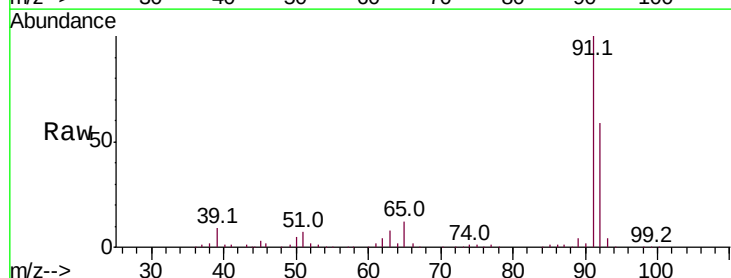
Acq: 08 Oct 2019 07:56

Tgt Ion: 92 Resp: 238443

Ion Ratio Lower Upper

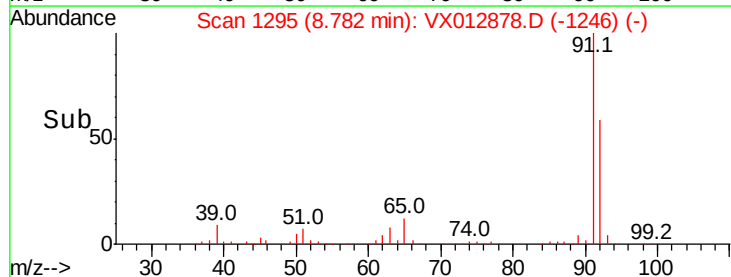
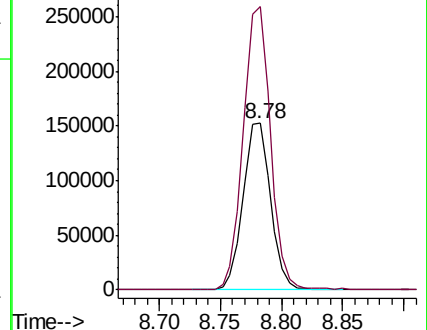
92 100

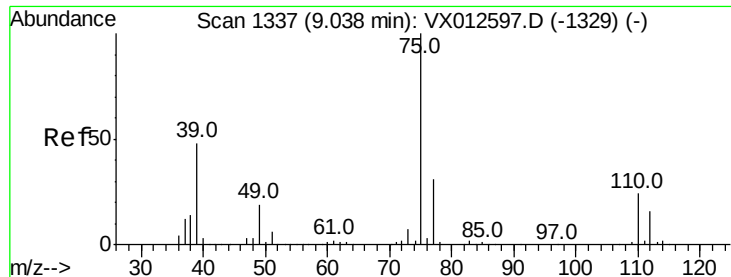
91 169.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

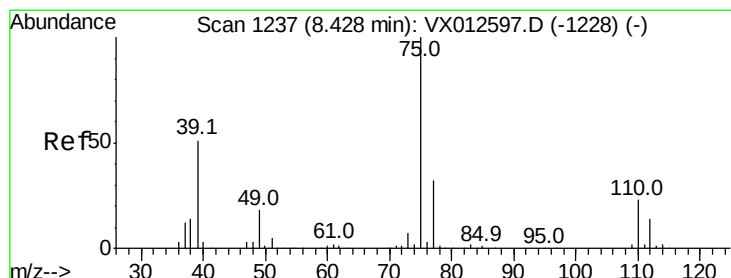
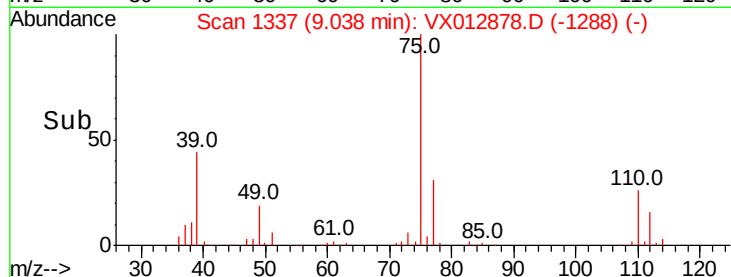
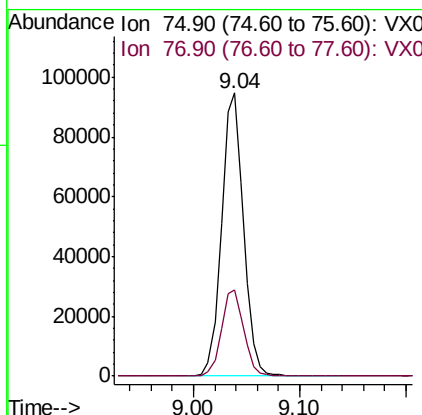
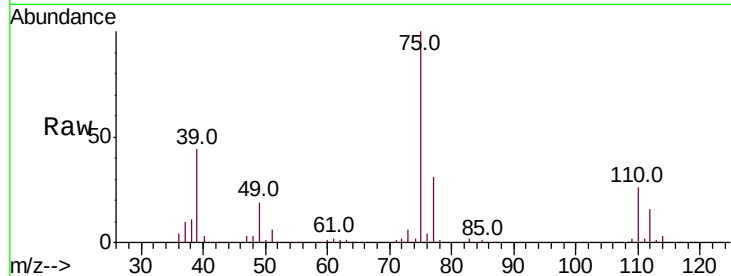




#53
 t-1,3-Dichloropropene
 Concen: 45.204 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

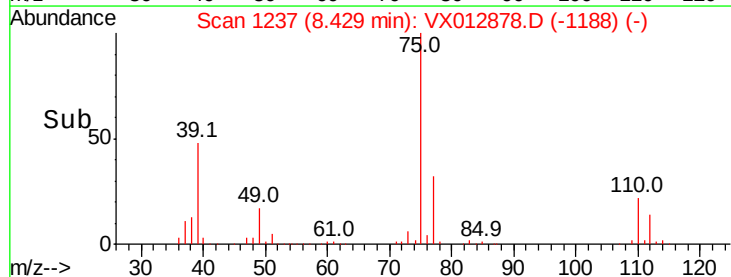
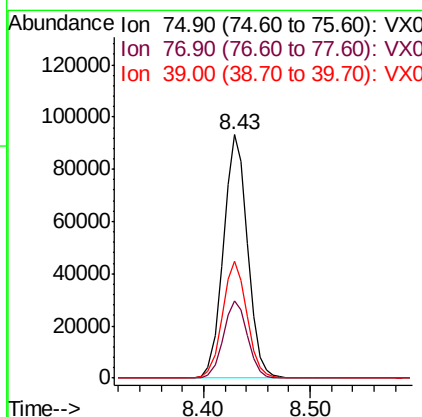
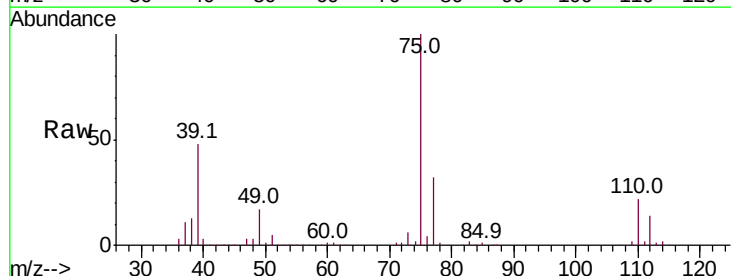
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

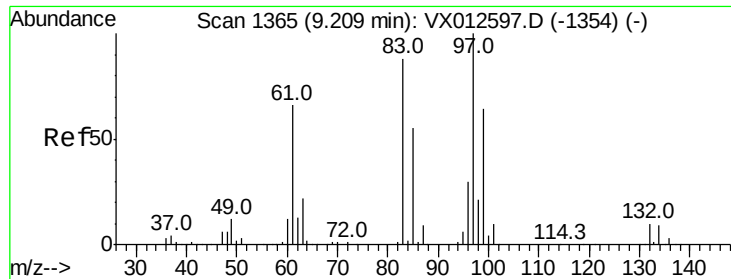
Tot Ion: 75 Resp: 135548
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.129 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion: 75 Resp: 147754
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.8
 39 47.8 45.5 68.3

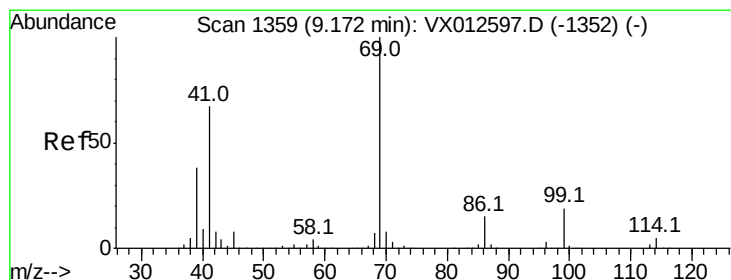
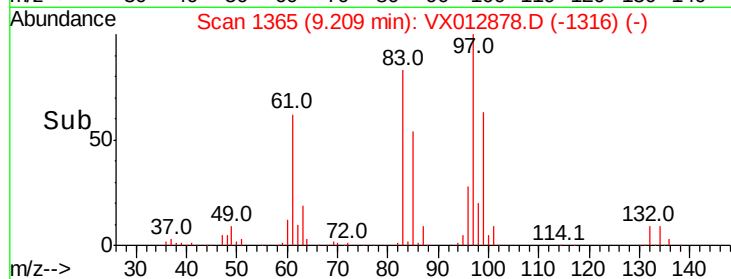
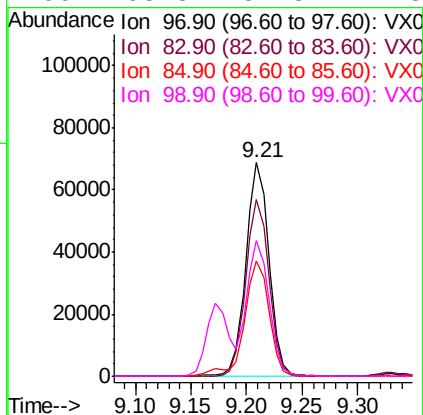
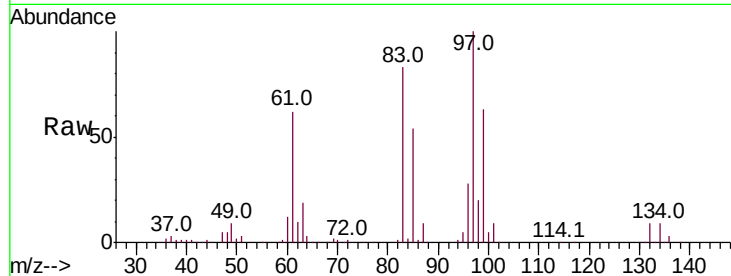




#55
 1,1,2-Trichloroethane
 Concen: 51.076 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

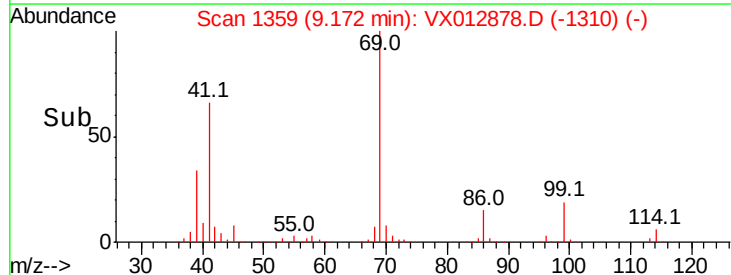
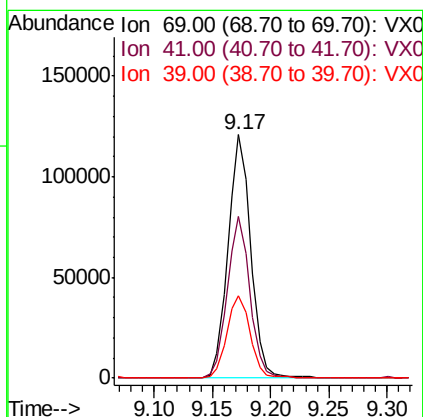
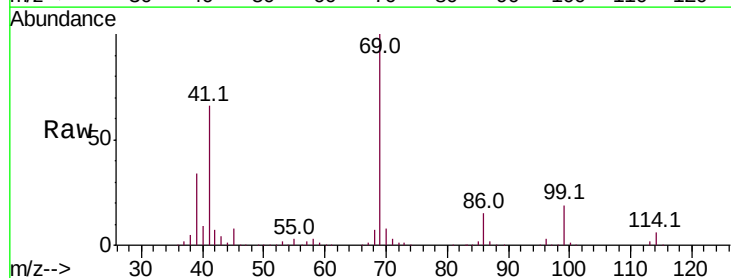
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

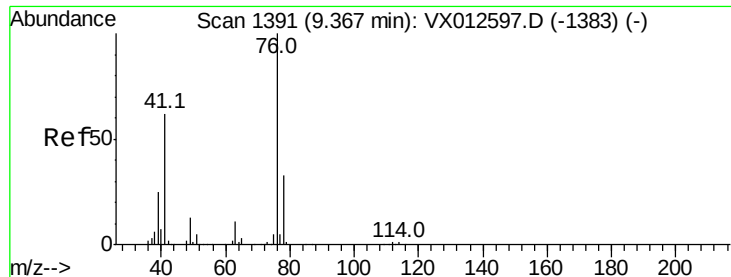
Tot Ion:	97	Resp:	99285
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.4	101.2
85	53.9	43.5	65.3
99	63.3	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 50.185 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion:	69	Resp:	163889
Ion	Ratio	Lower	Upper
69	100		
41	66.5	58.4	87.6
39	35.0	33.4	50.0





#57

1,3-Dichloropropane

Concen: 50.054 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

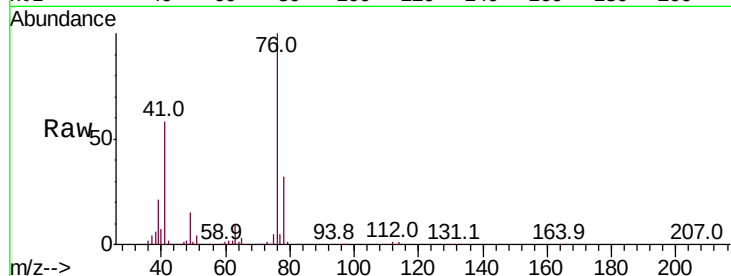
FA19-MMW3414MSD

Tot Ion: 76 Resp: 170286

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

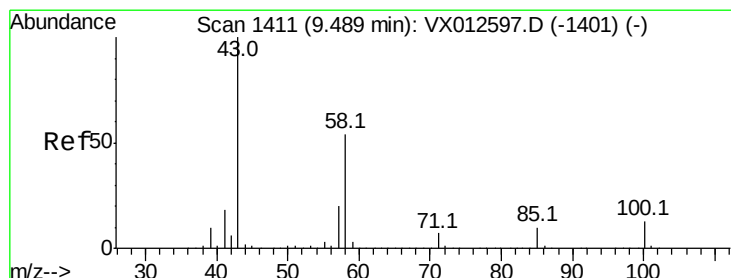
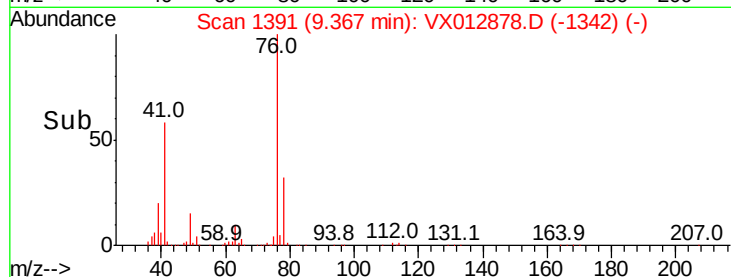
100000

50000

0

Time-->

9.30 9.35 9.40 9.45 9.50



#59

2-Hexanone

Concen: 241.053 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012878.D

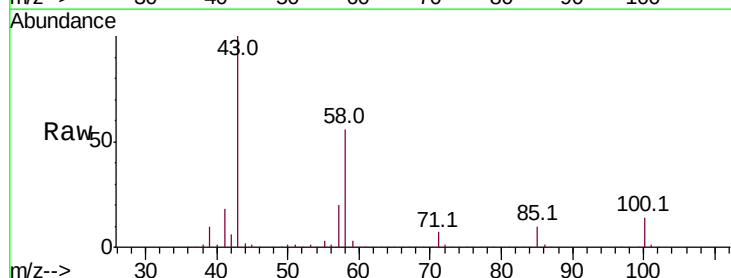
Acq: 08 Oct 2019 07:56

Tgt Ion: 43 Resp: 588752

Ion Ratio Lower Upper

43 100

58 56.2 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

300000

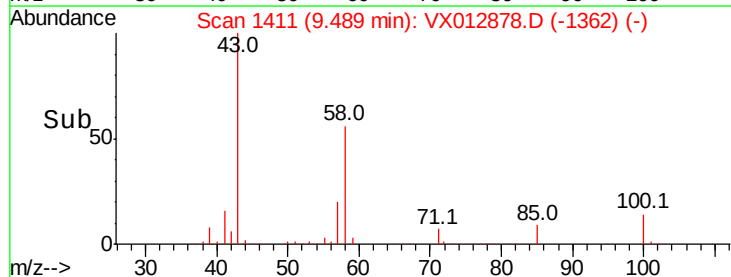
200000

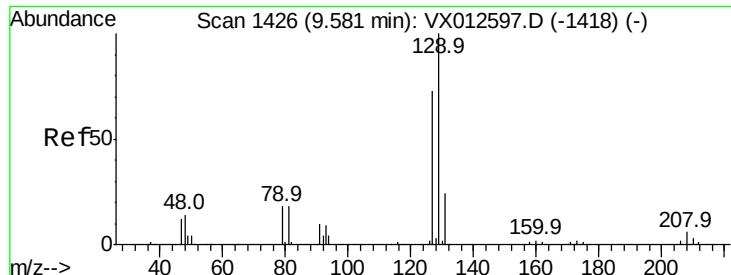
100000

0

Time-->

9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 52.155 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

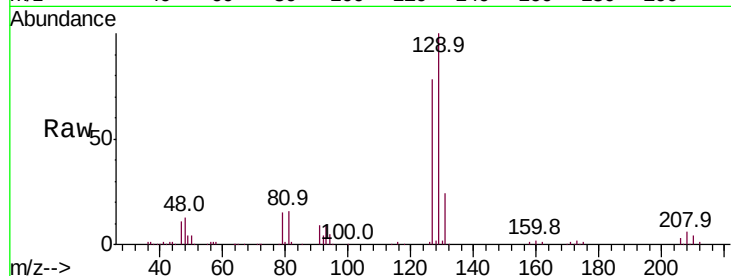
FA19-MMW3414MSD

Tot Ion:129 Resp: 102627

Ion Ratio Lower Upper

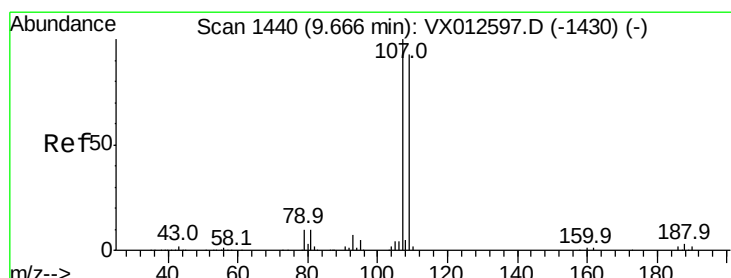
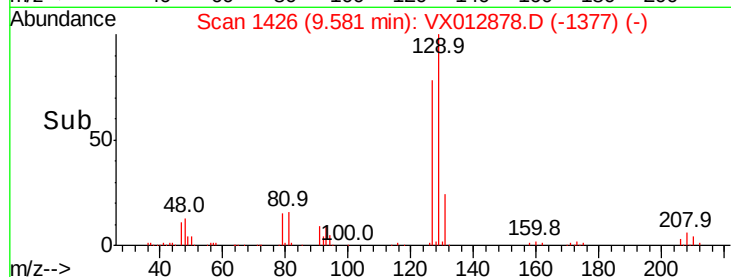
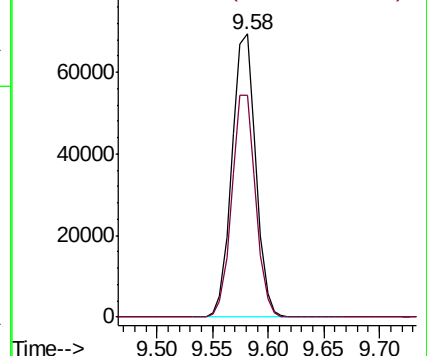
129 100

127 78.2 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.348 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012878.D

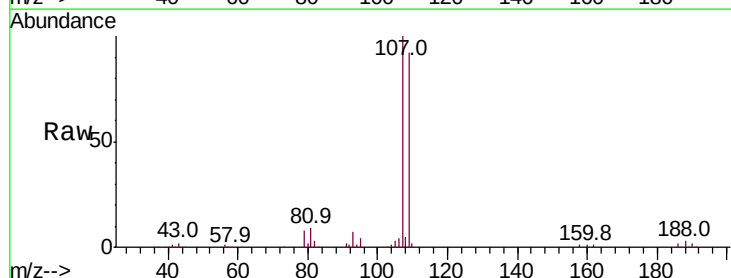
Acq: 08 Oct 2019 07:56

Tgt Ion:107 Resp: 103879

Ion Ratio Lower Upper

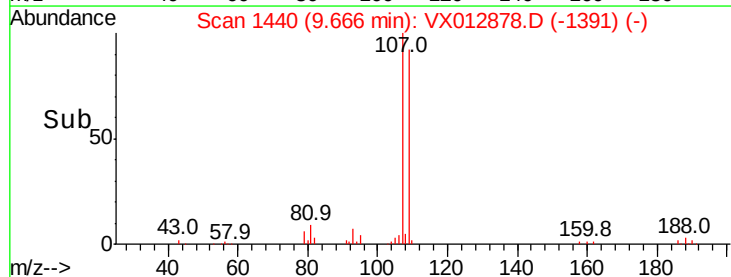
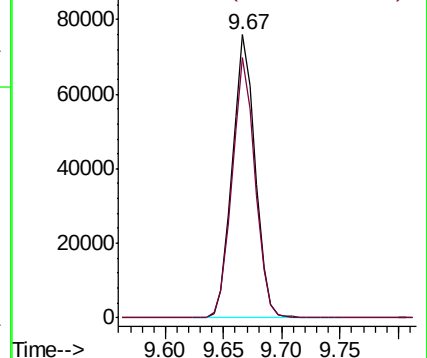
107 100

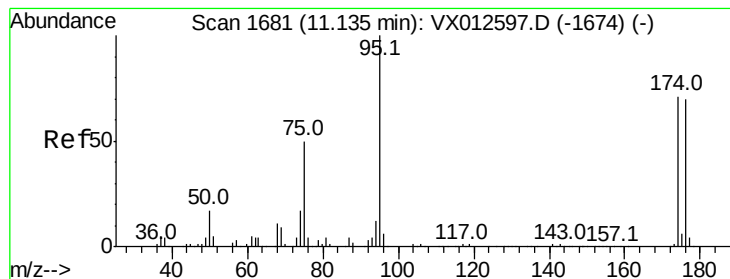
109 92.4 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.181 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

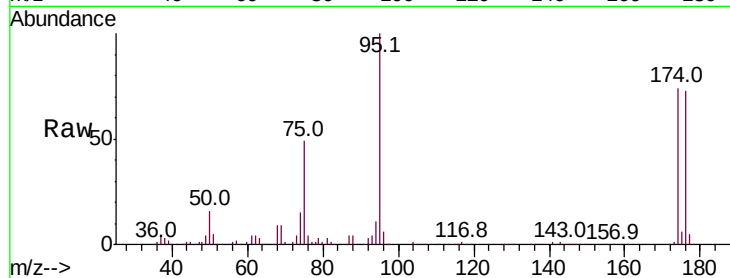
Tot Ion: 95 Resp: 126603

Ion Ratio Lower Upper

95 100

174 71.1 0.0 140.0

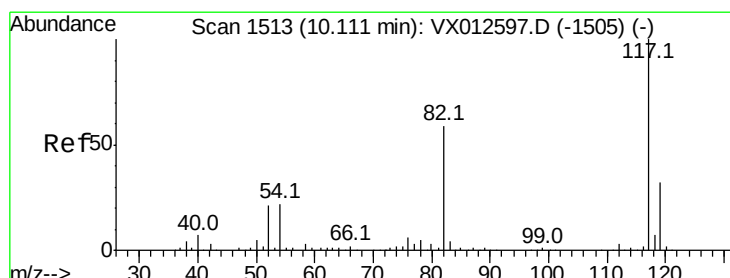
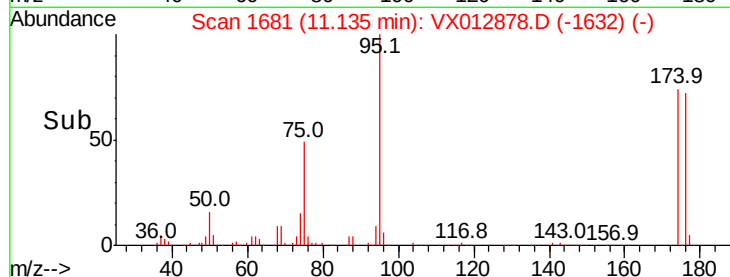
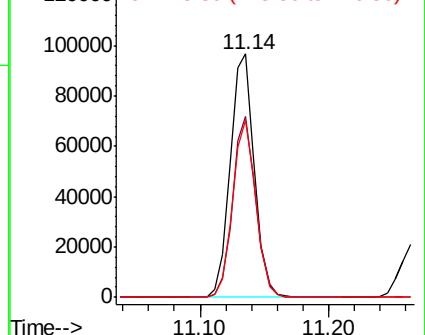
176 70.1 0.0 135.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

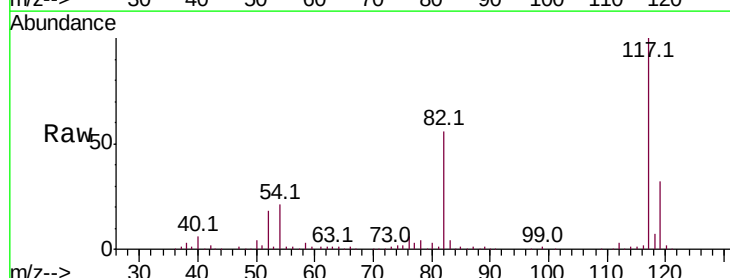
Tgt Ion: 117 Resp: 245993

Ion Ratio Lower Upper

117 100

82 56.3 45.9 68.9

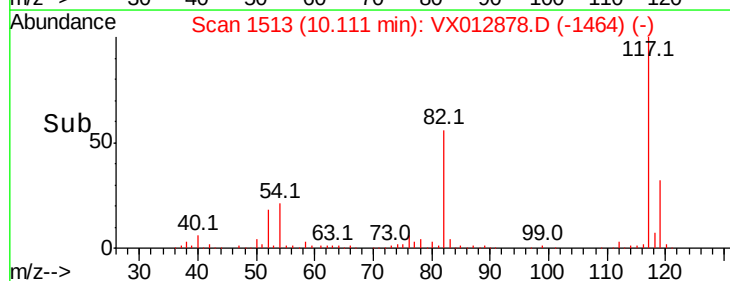
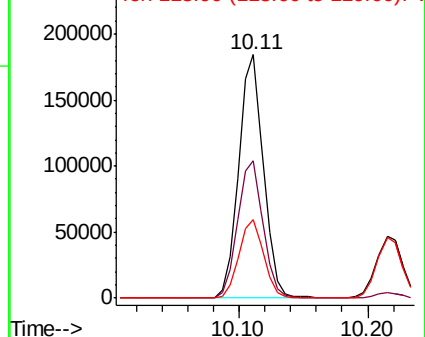
119 32.3 25.3 37.9

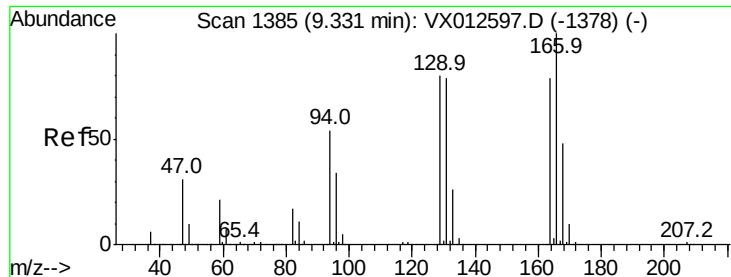


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

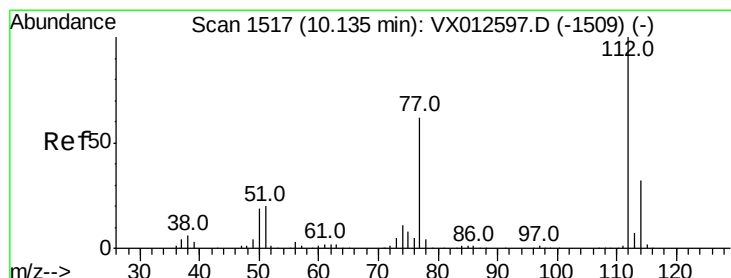
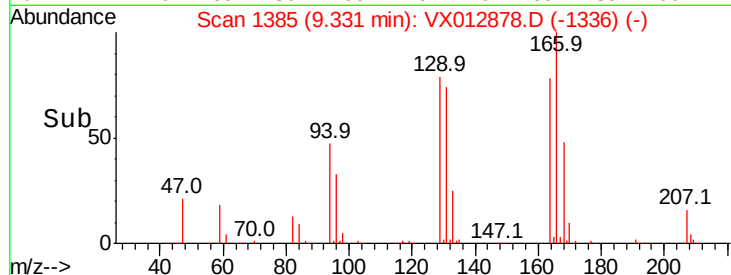
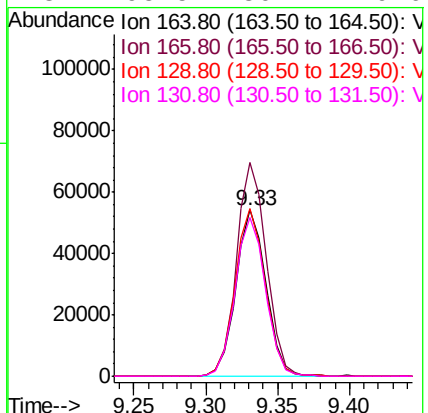
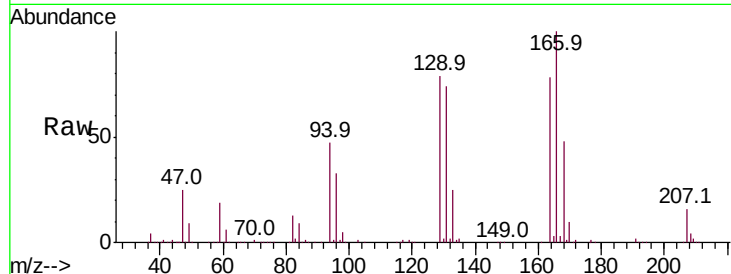




#64
Tetrachloroethene
Concen: 45.740 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

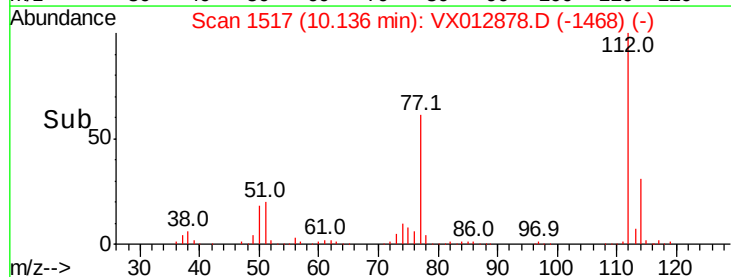
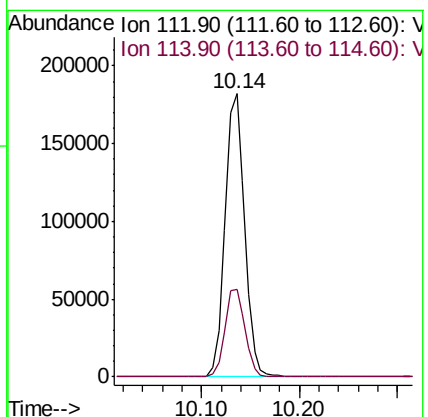
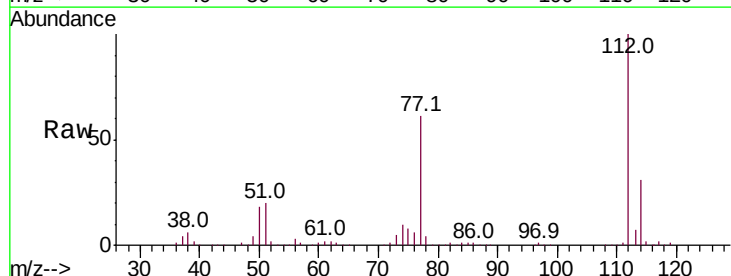
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

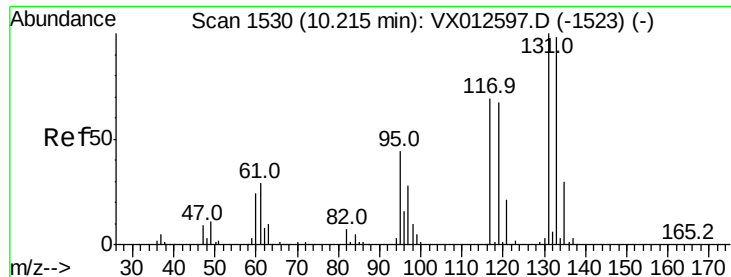
Tot Ion:164 Resp: 78449
Ion Ratio Lower Upper
164 100
166 128.7 107.8 161.6
129 101.1 86.2 129.2
131 95.5 80.4 120.6



#65
Chlorobenzene
Concen: 48.711 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion:112 Resp: 252331
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0

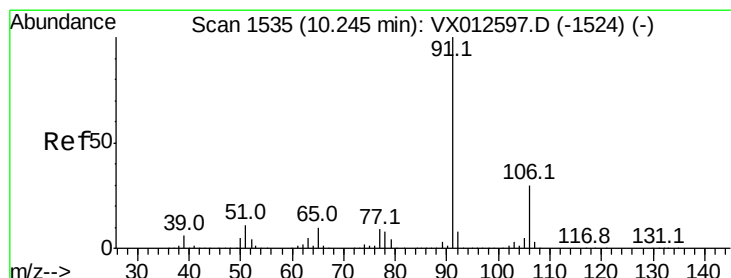
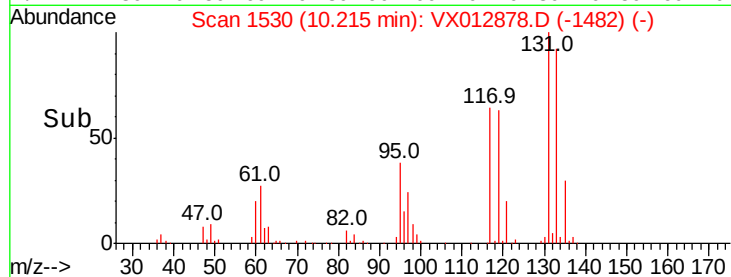
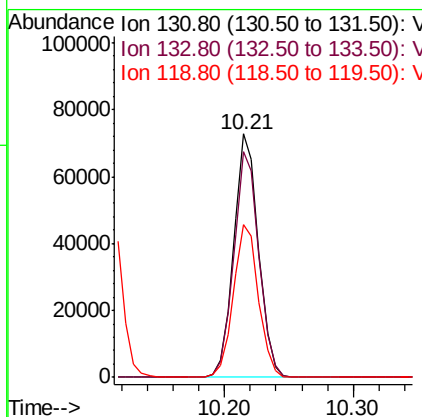
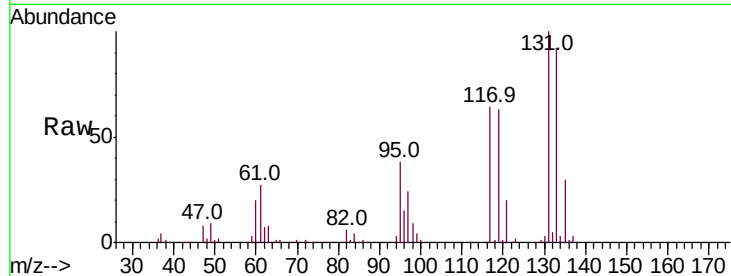




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.729 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

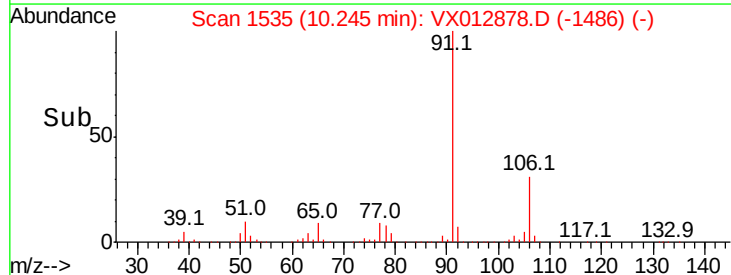
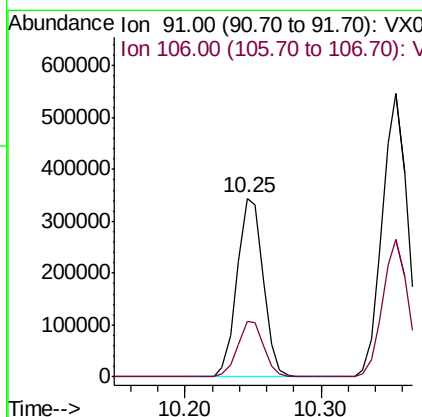
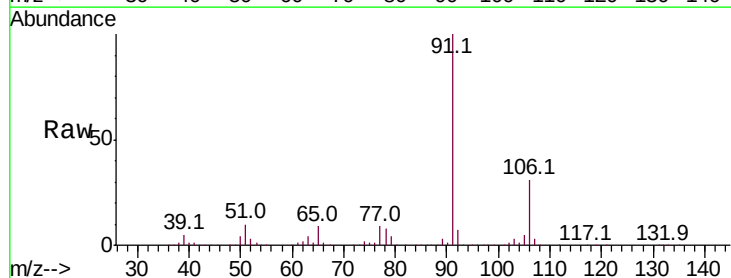
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

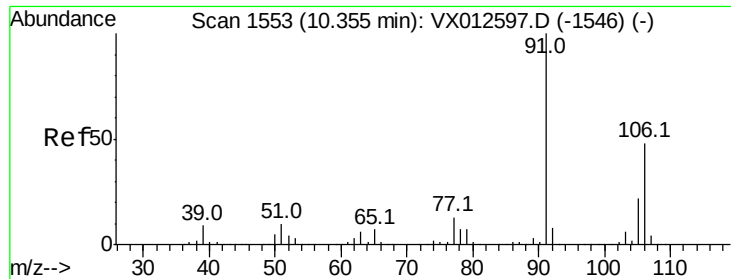
Tot Ion:131 Resp: 97089
 Ion Ratio Lower Upper
 131 100
 133 94.1 47.6 142.9
 119 63.8 31.3 93.8



#67
 Ethyl Benzene
 Concen: 49.296 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion: 91 Resp: 463151
 Ion Ratio Lower Upper
 91 100
 106 31.0 24.6 37.0





#68

m/p-Xylenes

Concen: 98.195 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

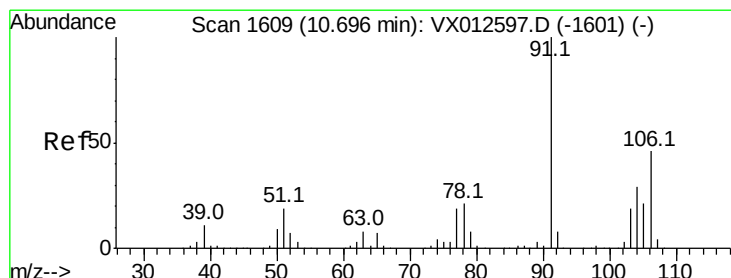
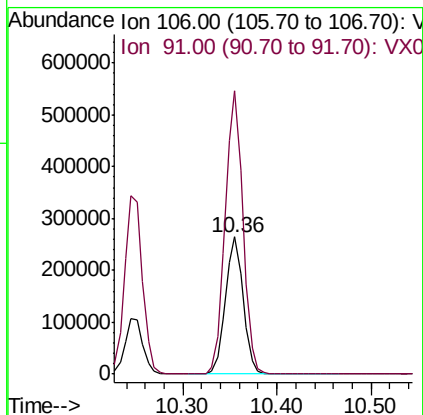
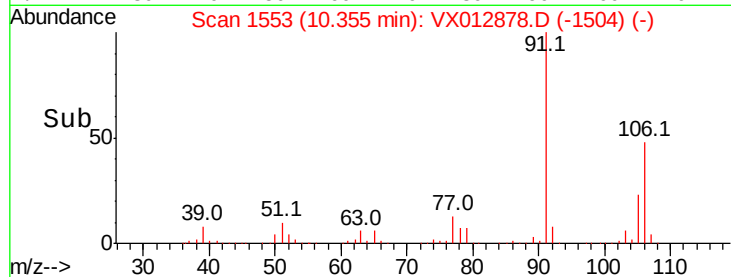
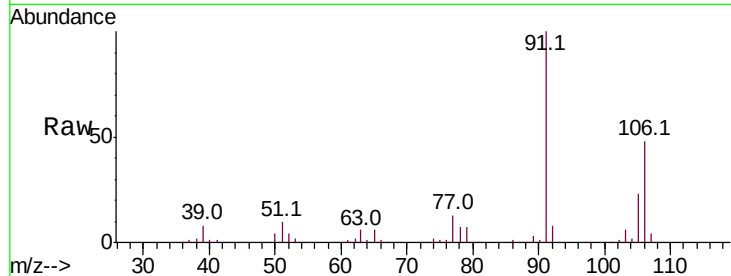
FA19-MMW3414MSD

Tot Ion:106 Resp: 345597

Ion Ratio Lower Upper

106 100

91 206.6 166.6 250.0



#69

o-Xylene

Concen: 49.842 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012878.D

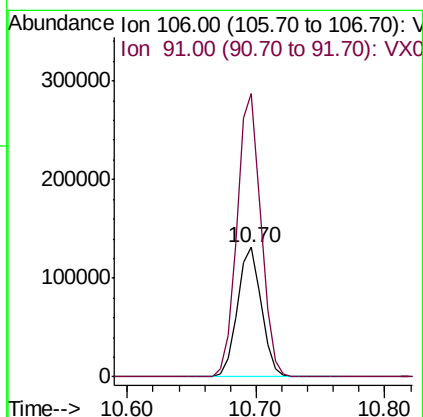
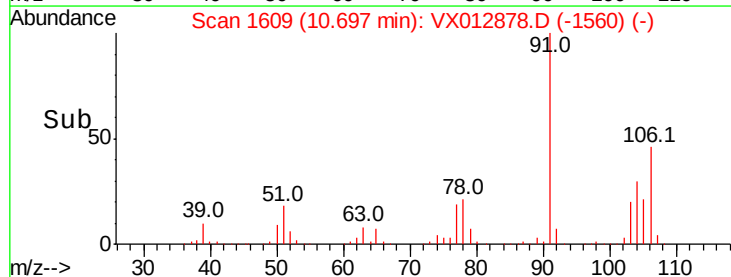
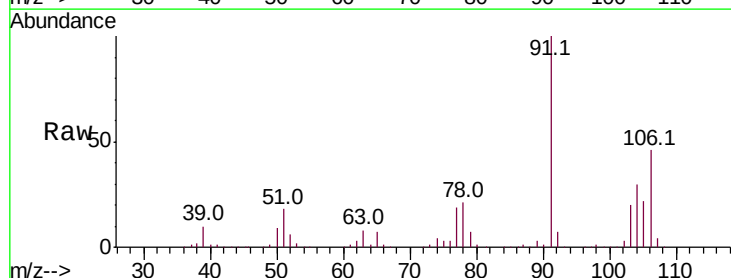
Acq: 08 Oct 2019 07:56

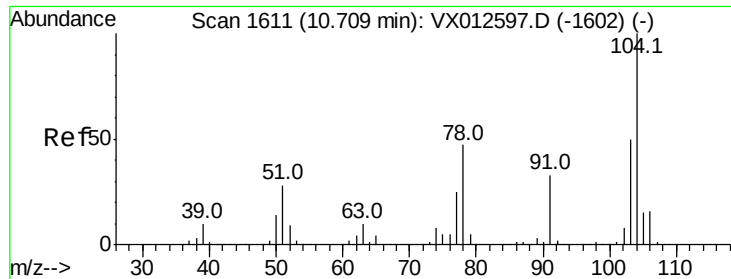
Tgt Ion:106 Resp: 169739

Ion Ratio Lower Upper

106 100

91 218.1 109.4 328.2

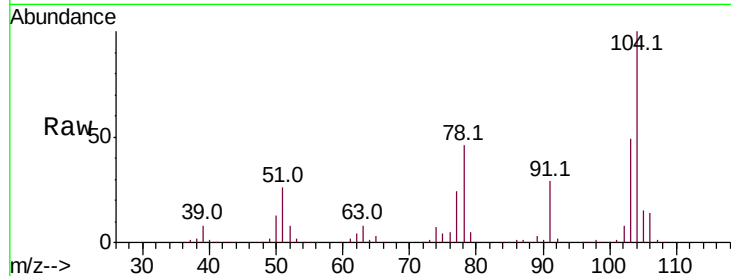




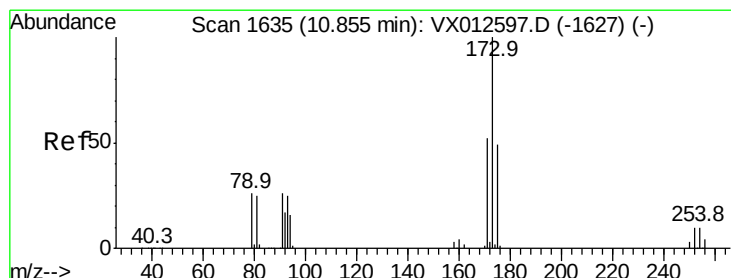
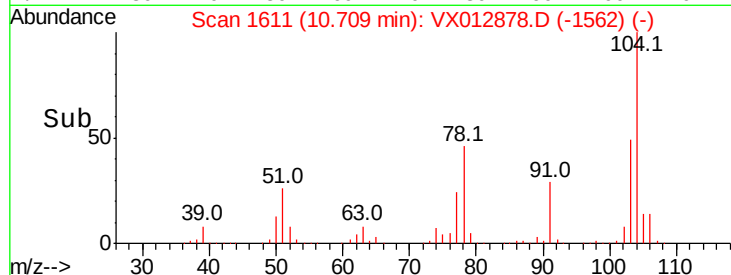
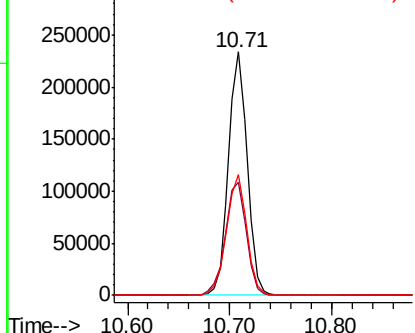
#70
Stvrene
Concen: 51.875 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

Tot Ion:104 Resp: 296159
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 53.5 43.3 64.9

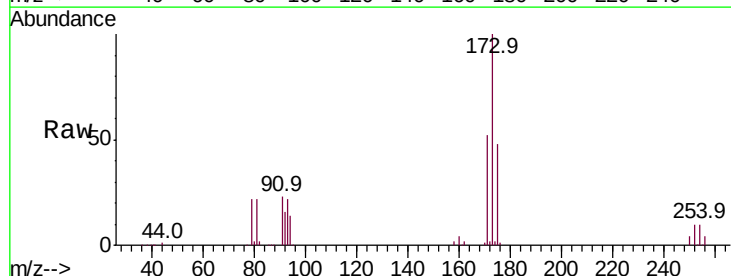


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

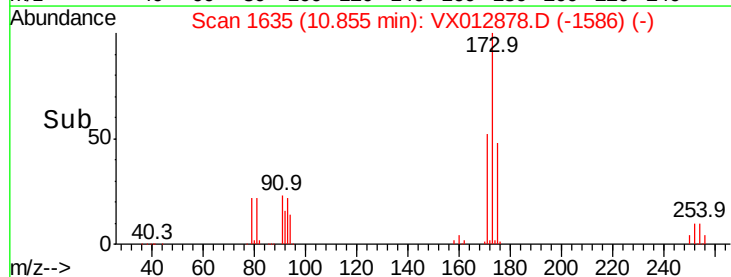
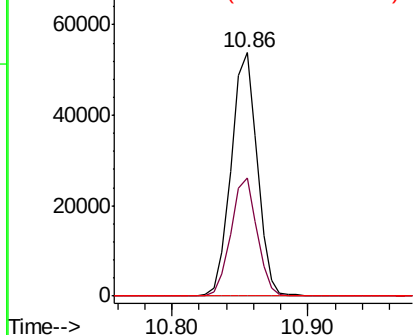


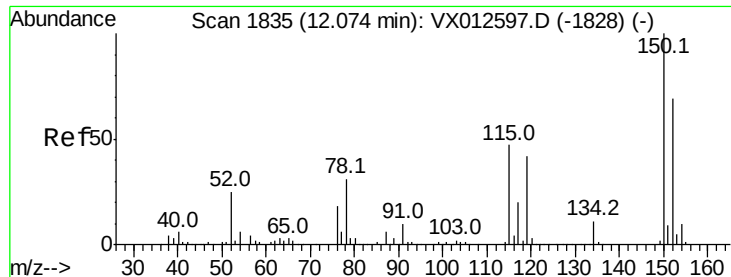
#71
Bromoform
Concen: 54.853 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion:173 Resp: 71686
Ion Ratio Lower Upper
173 100
175 48.5 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: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

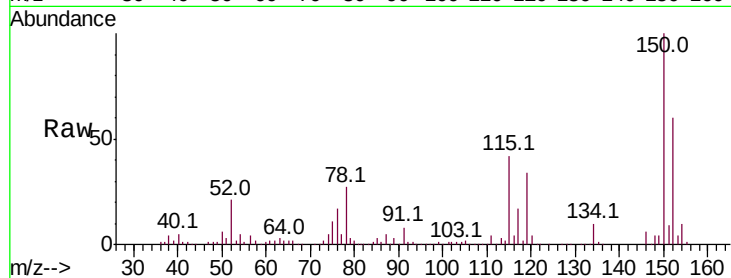
Tot Ion:152 Resp: 114924

Ion Ratio Lower Upper

152 100

115 88.5 44.1 132.3

150 178.1 0.0 343.8

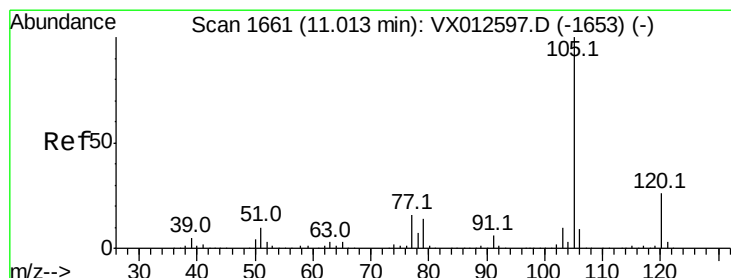
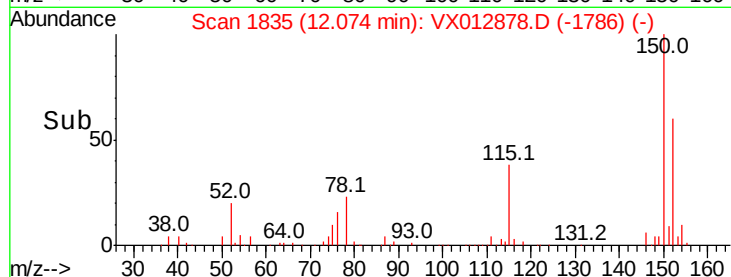
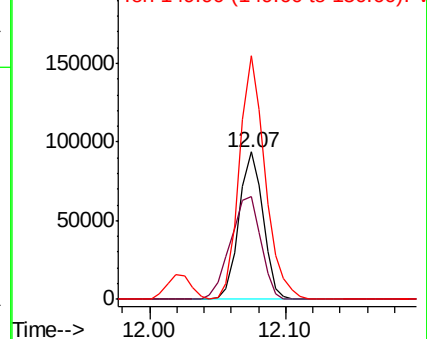


Abundance

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: 47.737 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012878.D

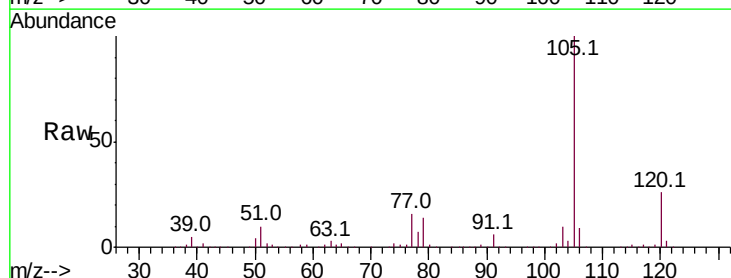
Acq: 08 Oct 2019 07:56

Tgt Ion:105 Resp: 446823

Ion Ratio Lower Upper

105 100

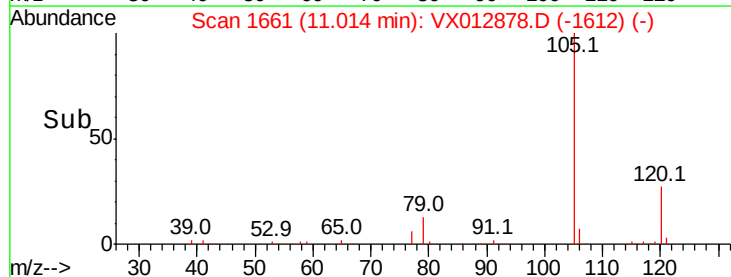
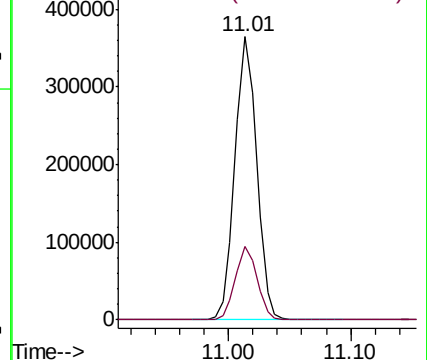
120 25.9 12.9 38.7

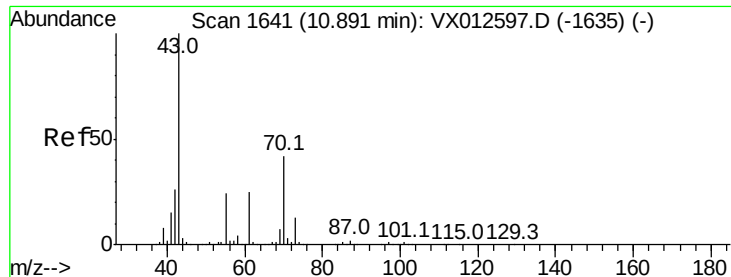


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 41.871 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

Tot Ion: 43 Resp: 186972

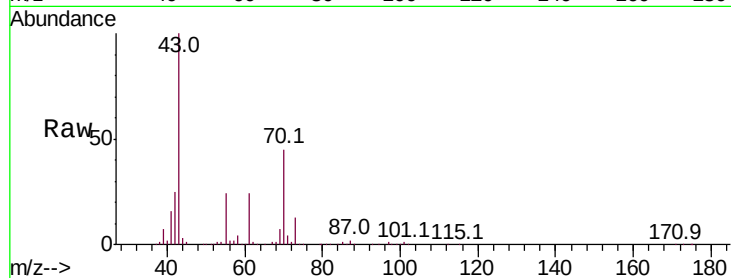
Ion Ratio Lower Upper

43 100

70 45.1 32.4 48.6

55 24.2 18.2 27.4

61 25.0 18.5 27.7



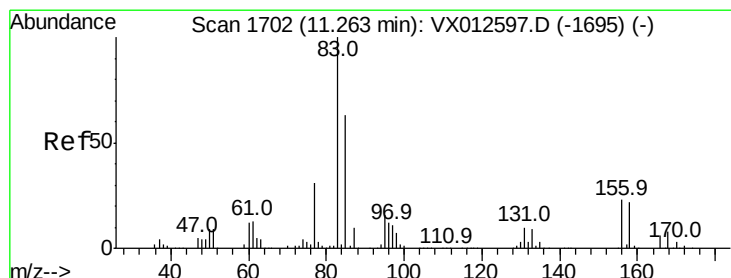
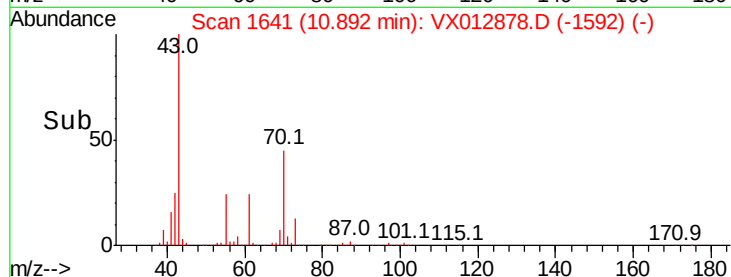
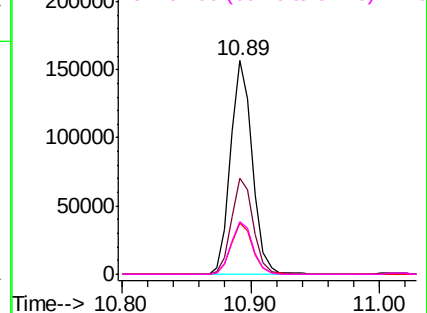
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.289 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

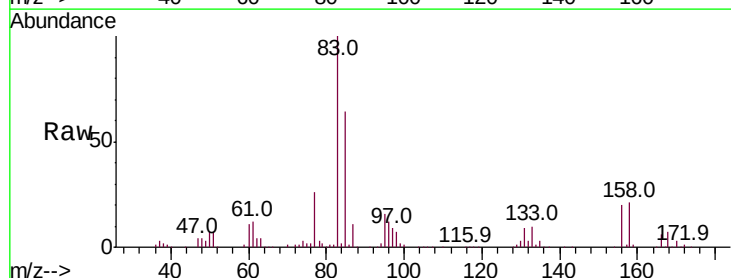
Tgt Ion: 83 Resp: 158994

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 65.2 32.0 96.0

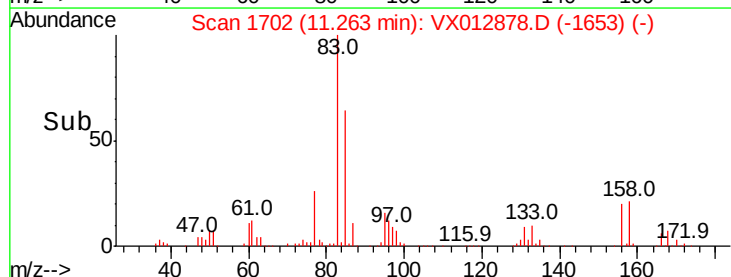
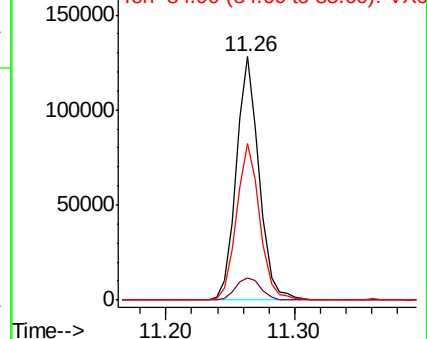


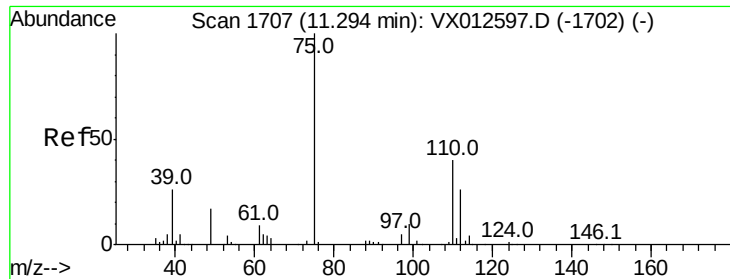
Abundance

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

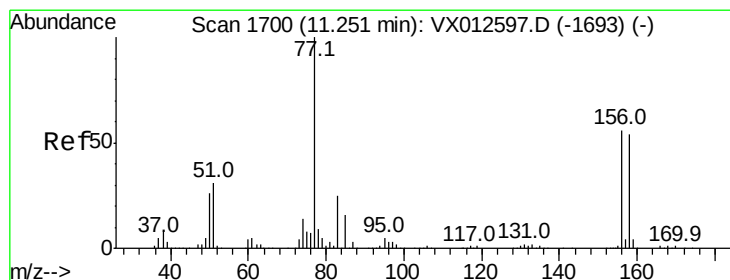
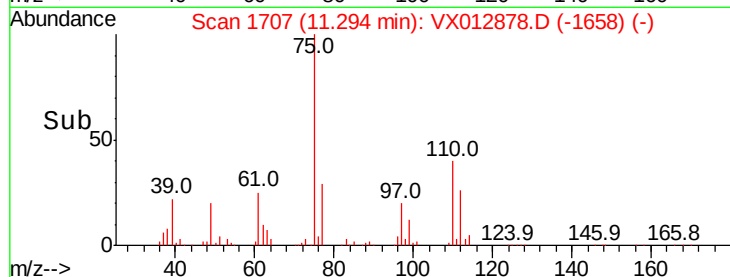
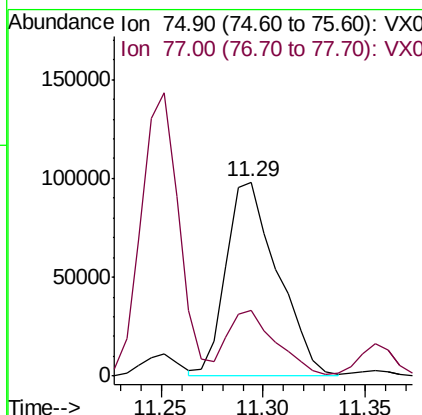
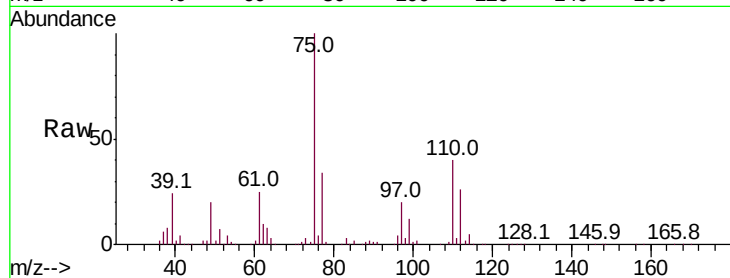




#76
 1,2,3-Trichloropropane
 Concen: 56.755 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

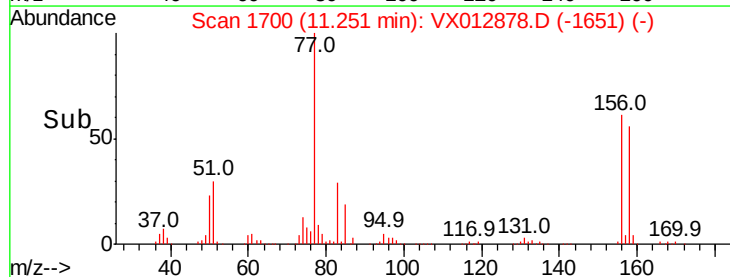
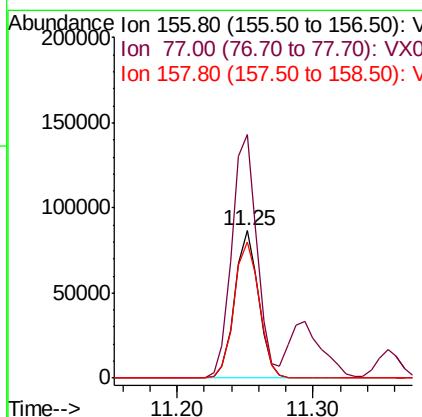
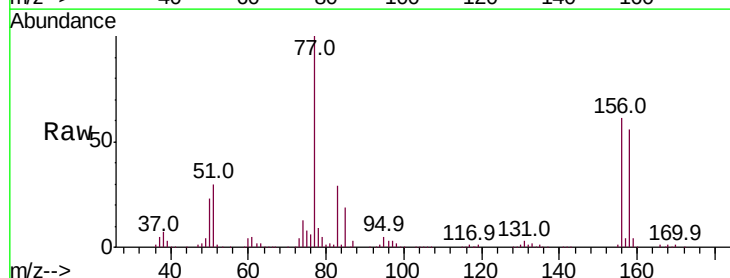
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

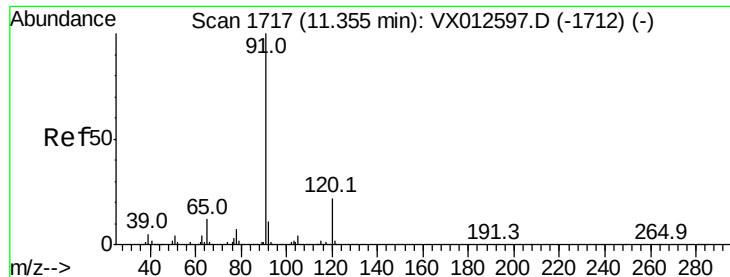
Tot Ion: 75 Resp: 172536
 Ion Ratio Lower Upper
 75 100
 77 31.6 19.7 59.0



#77
 Bromobenzene
 Concen: 49.932 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion: 156 Resp: 105779
 Ion Ratio Lower Upper
 156 100
 77 174.6 87.3 261.8
 158 97.5 48.5 145.6





#78

n-propylbenzene

Concen: 47.378 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

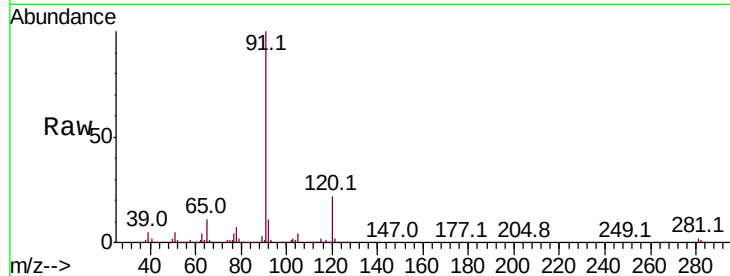
FA19-MMW3414MSD

Tot Ion: 91 Resp: 499261

Ion Ratio Lower Upper

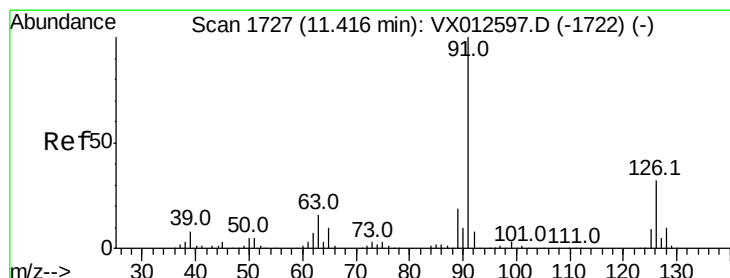
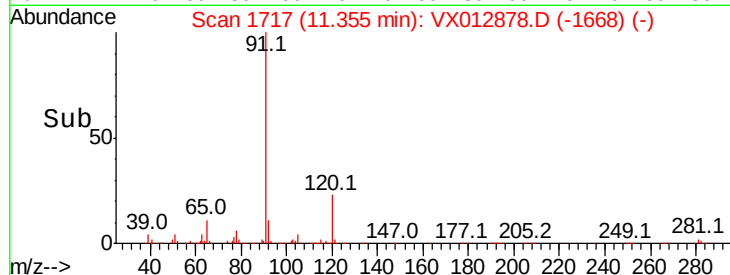
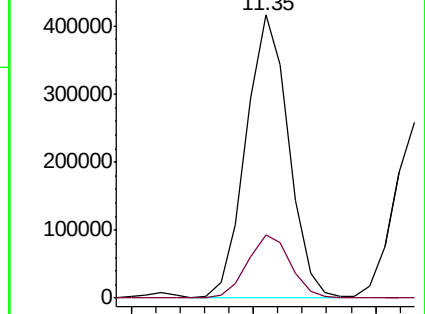
91 100

120 22.8 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: 47.628 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012878.D

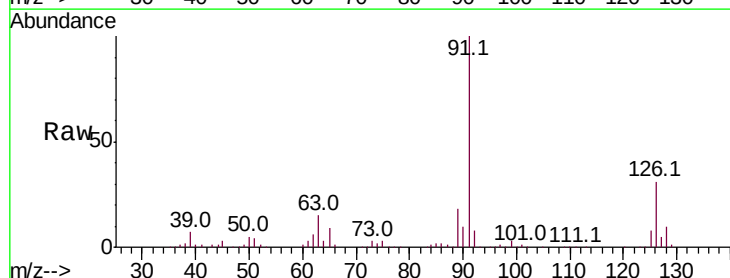
Acq: 08 Oct 2019 07:56

Tgt Ion: 91 Resp: 313095

Ion Ratio Lower Upper

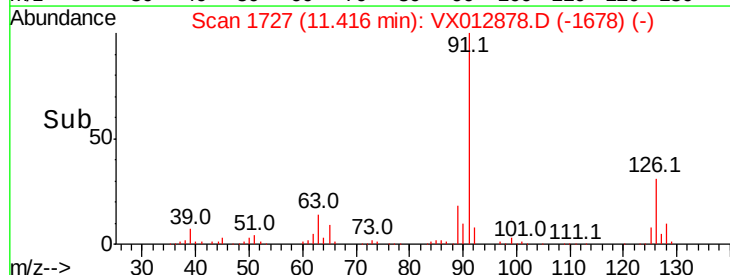
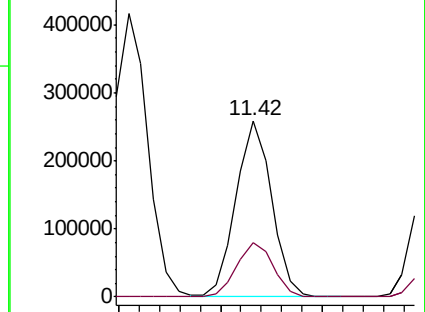
91 100

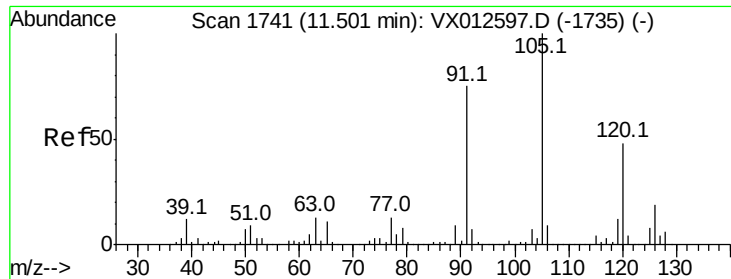
126 31.9 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

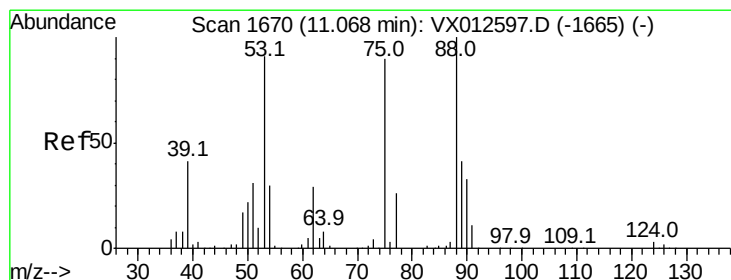
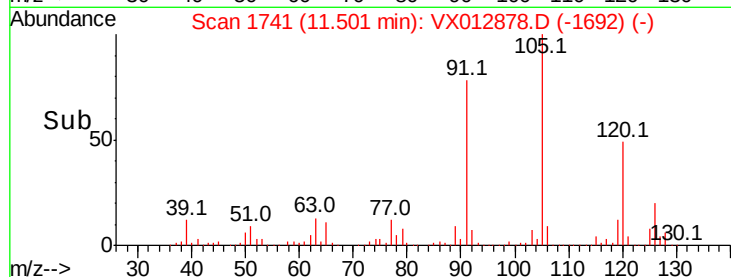
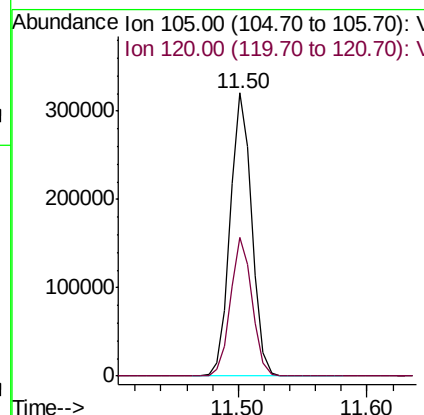
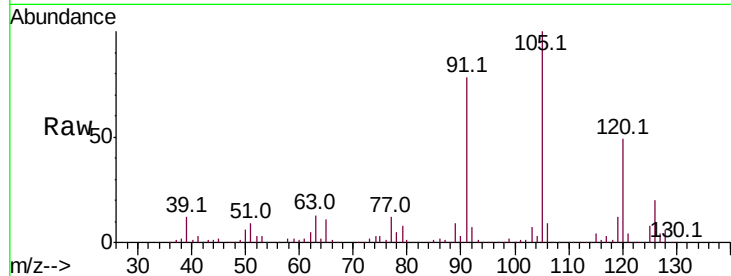




#80
 1,3,5-Trimethylbenzene
 Concen: 48.423 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

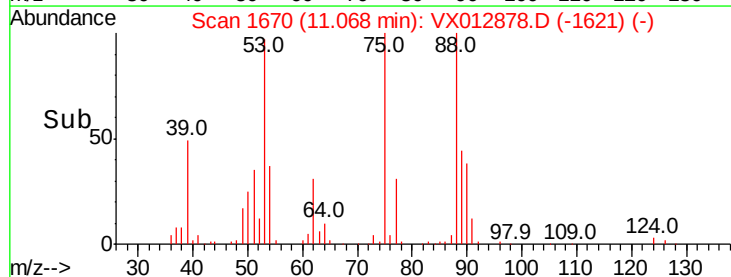
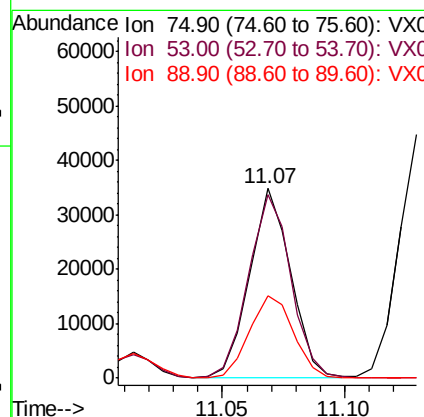
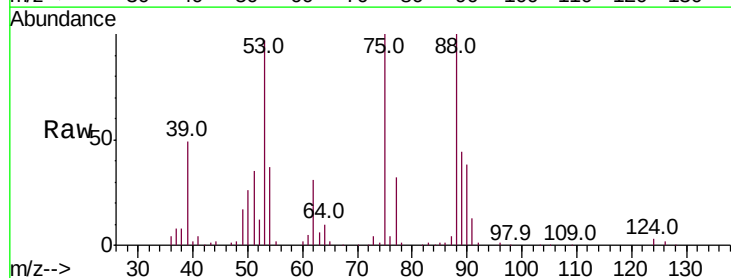
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

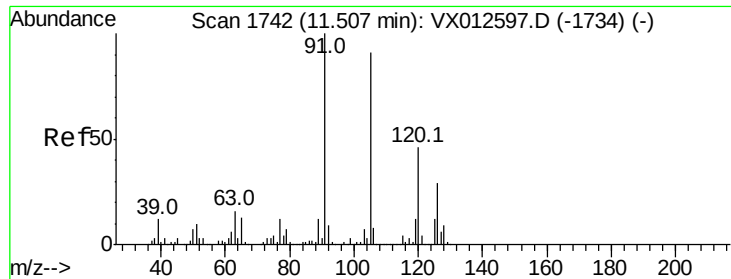
Tot Ion:105 Resp: 380089
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 38.311 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion: 75 Resp: 40640
 Ion Ratio Lower Upper
 75 100
 53 100.5 83.6 125.4
 89 46.7 36.3 54.5

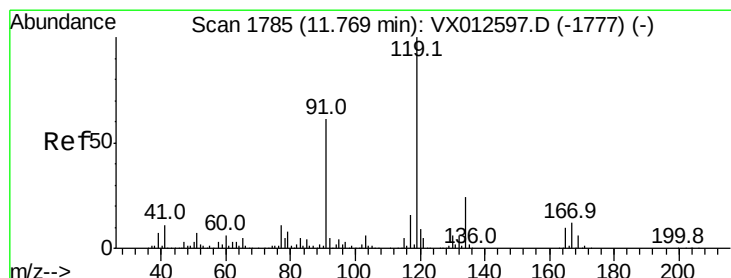
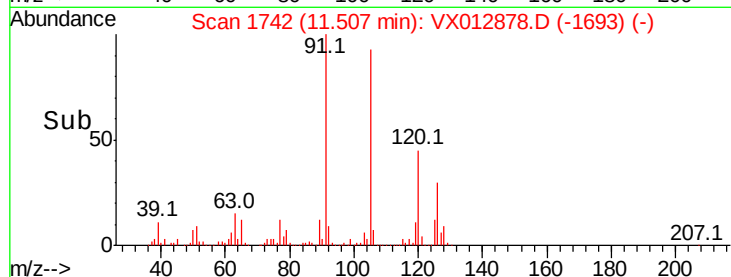
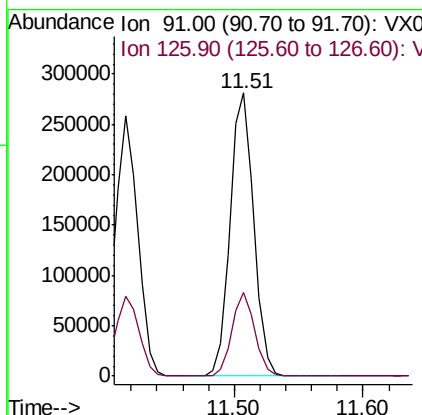
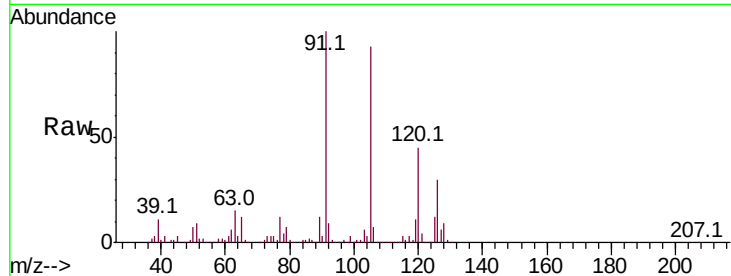




#82
4-Chlorotoluene
Concen: 48.213 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

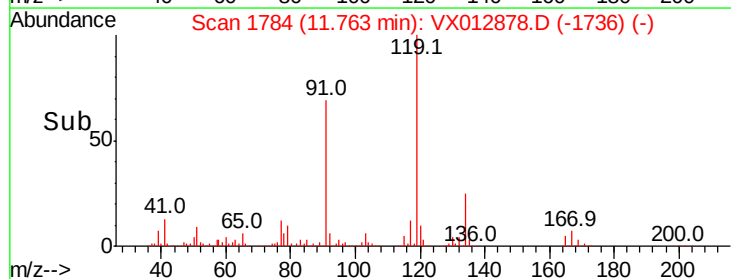
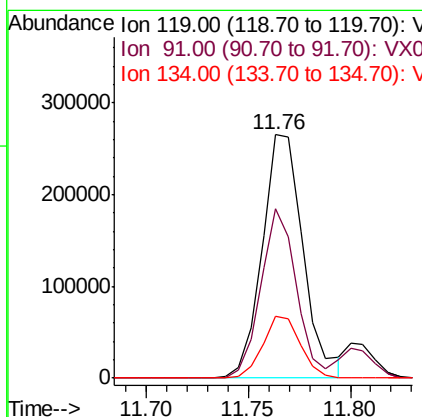
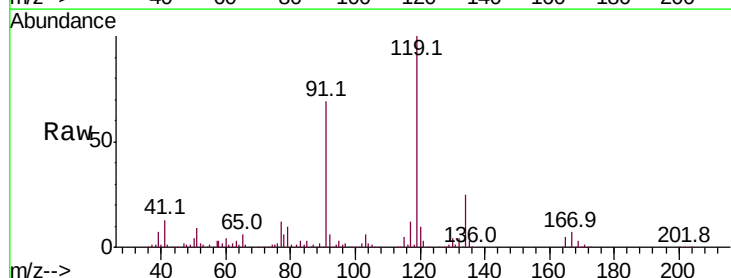
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

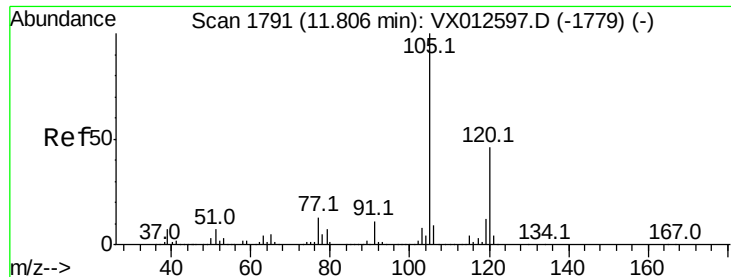
Tot Ion: 91 Resp: 361300
Ion Ratio Lower Upper
91 100
126 28.4 14.4 43.0



#83
tert-Butylbenzene
Concen: 49.002 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion: 119 Resp: 371031
Ion Ratio Lower Upper
119 100
91 60.5 30.0 90.0
134 23.4 11.3 33.9

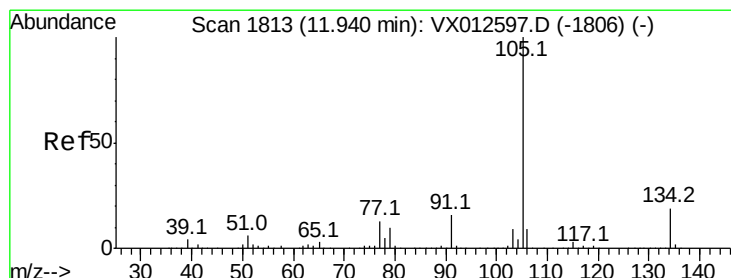
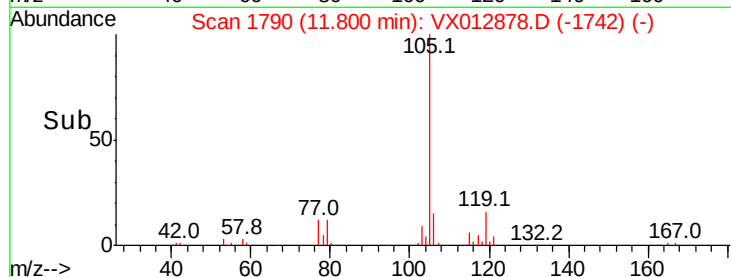
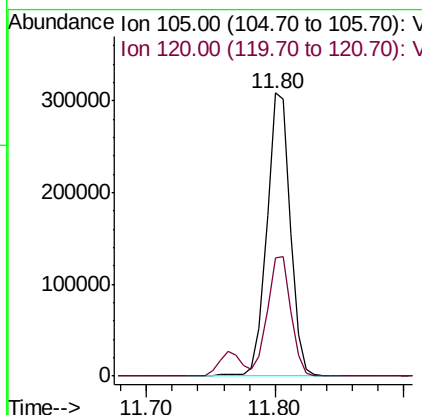
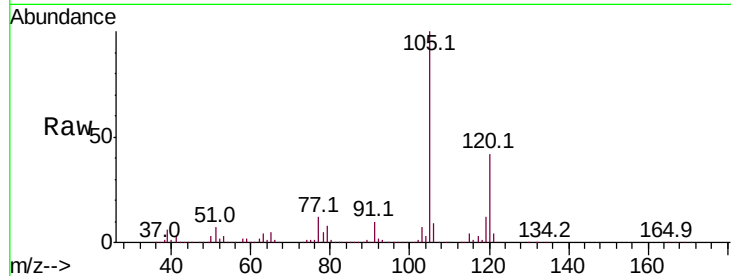




#84
 1,2,4-Trimethylbenzene
 Concen: 49.046 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

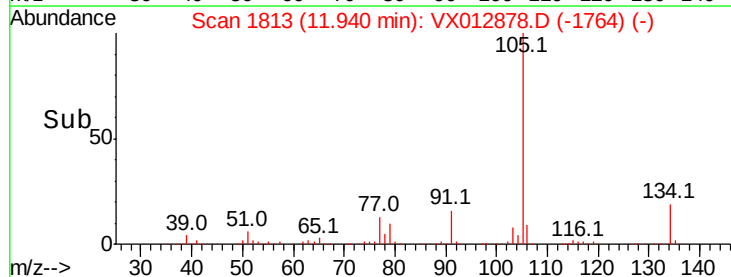
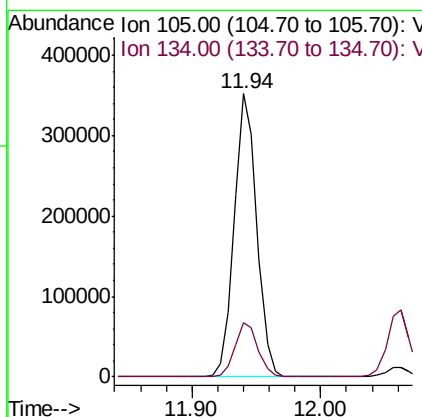
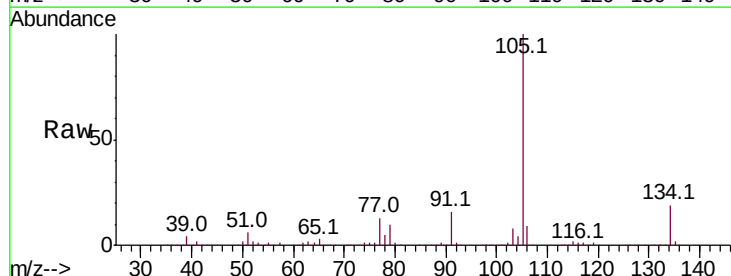
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

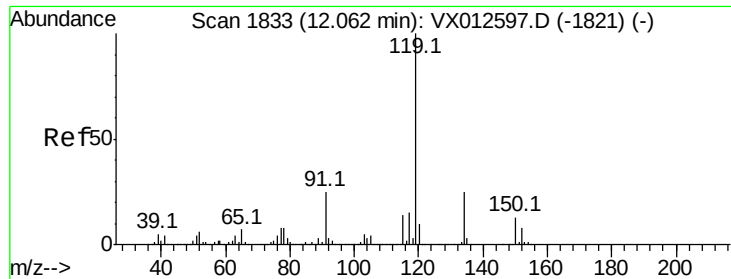
Tot Ion:105 Resp: 388354
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 48.748 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion:105 Resp: 429308
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4





#86

p-Isopropyltoluene

Concen: 49.502 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

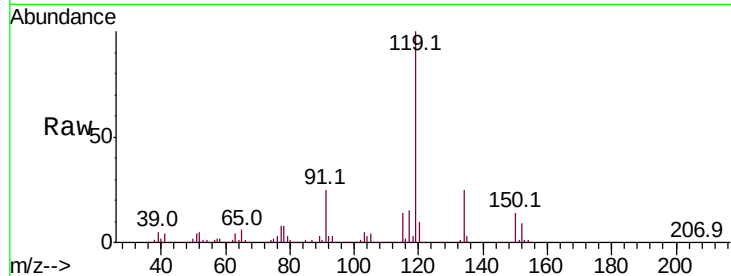
Tot Ion:119 Resp: 393367

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

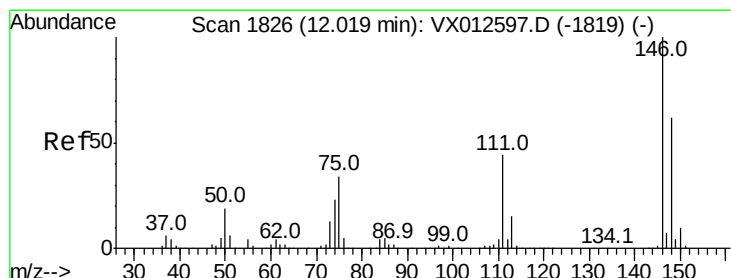
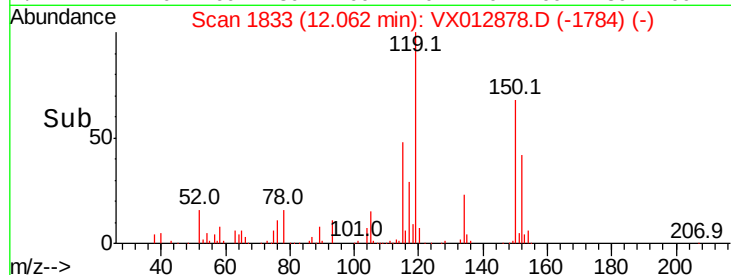
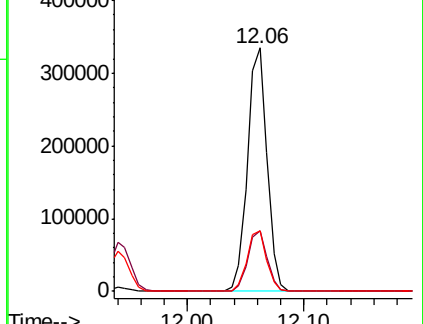
91 24.8 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 50.678 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

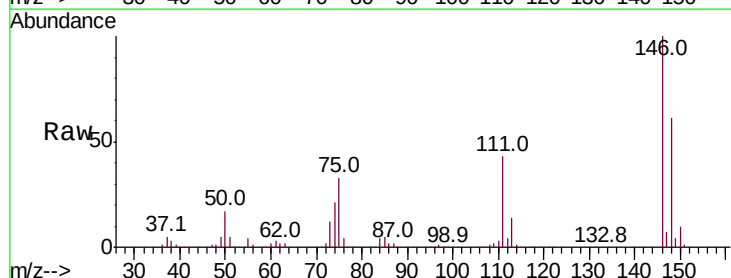
Tgt Ion:146 Resp: 193204

Ion Ratio Lower Upper

146 100

111 43.3 21.3 64.0

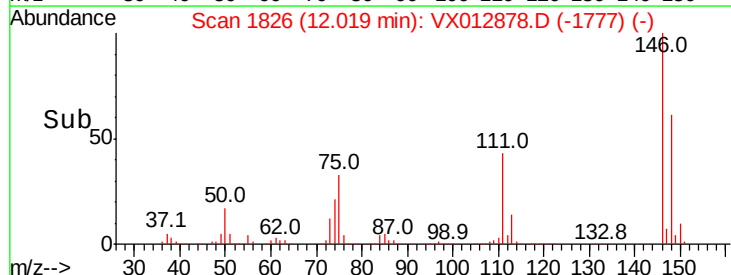
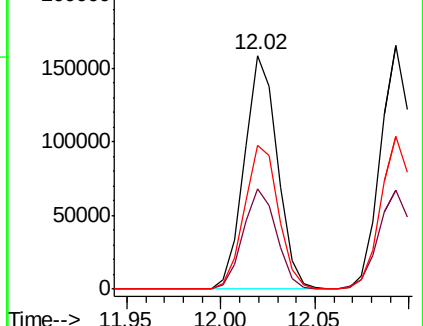
148 63.7 32.4 97.2

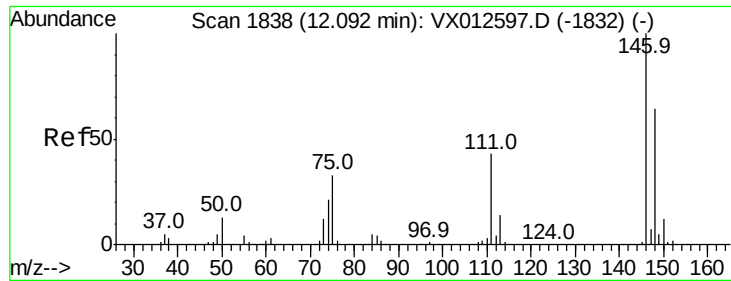


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

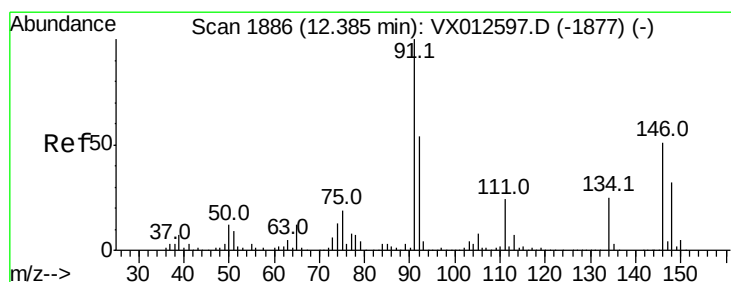
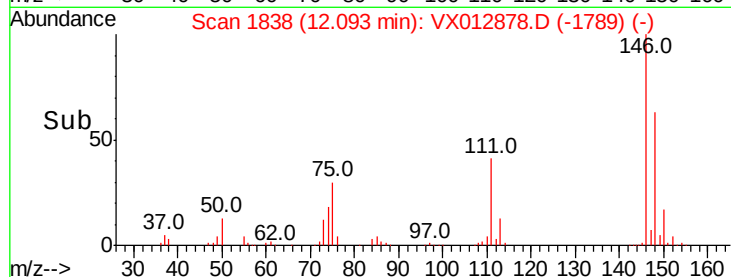
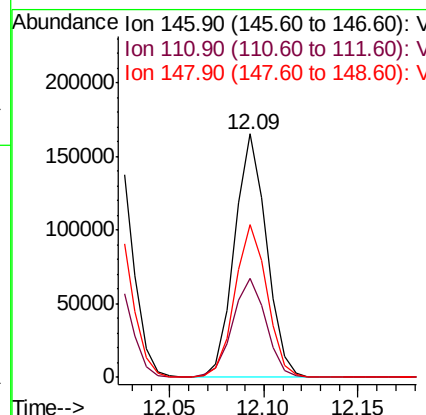
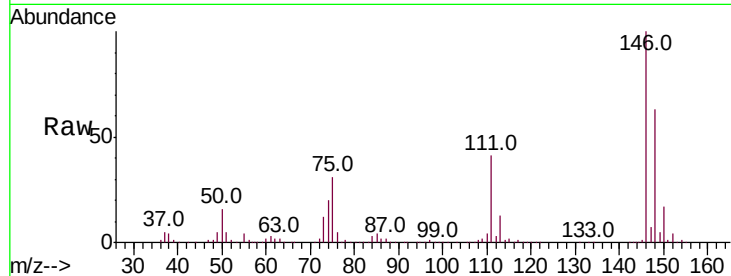




#88
 1,4-Dichlorobenzene
 Concen: 50.449 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

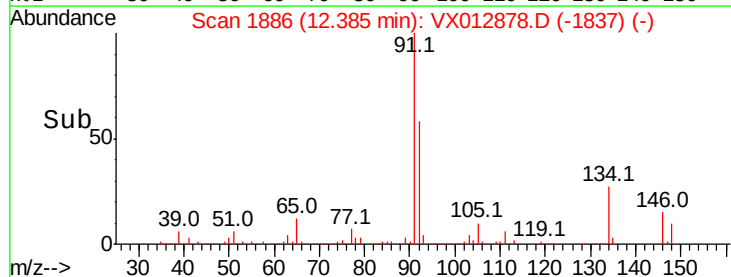
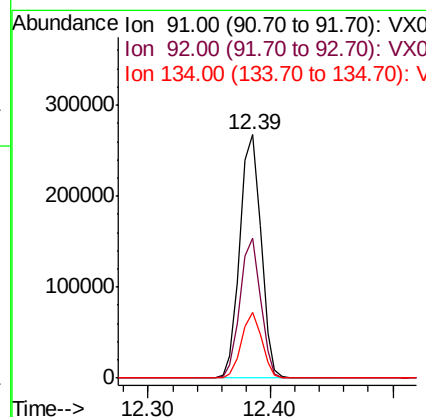
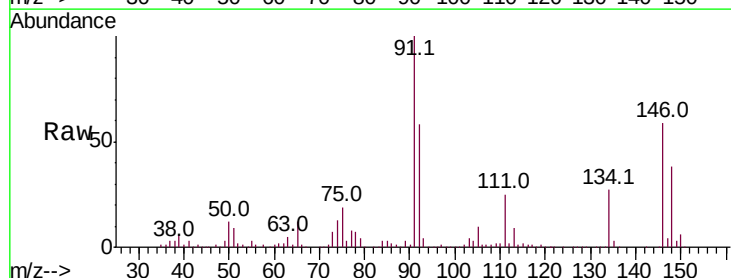
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

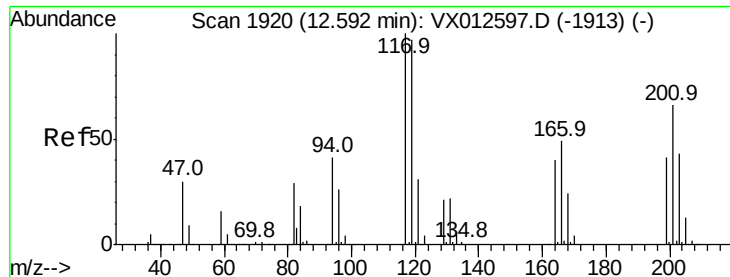
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.3
148	63.3	32.1	96.5



#89
 n-Butylbenzene
 Concen: 45.469 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.1	27.7	83.0
134	26.0	12.9	38.6

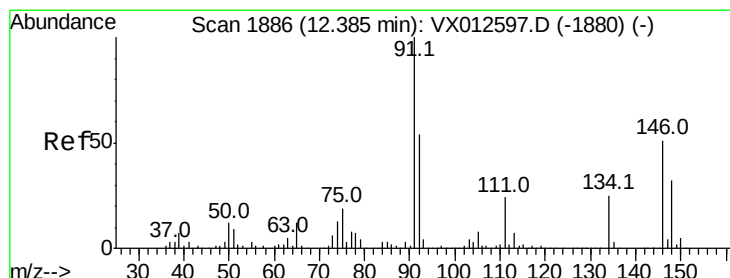
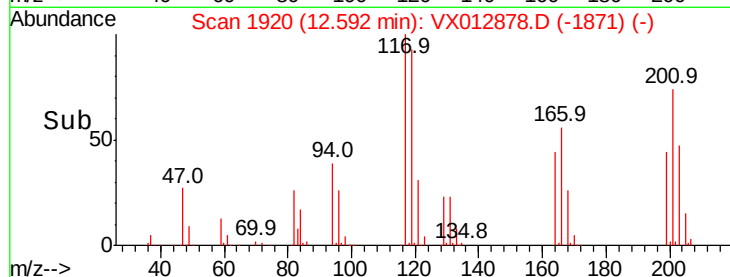
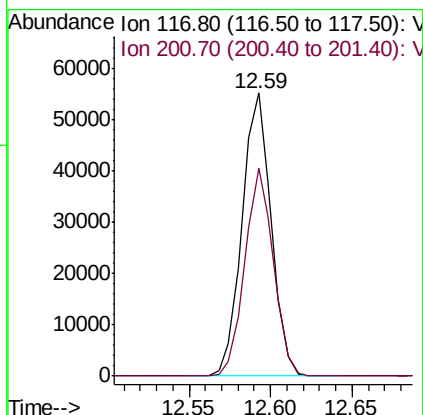
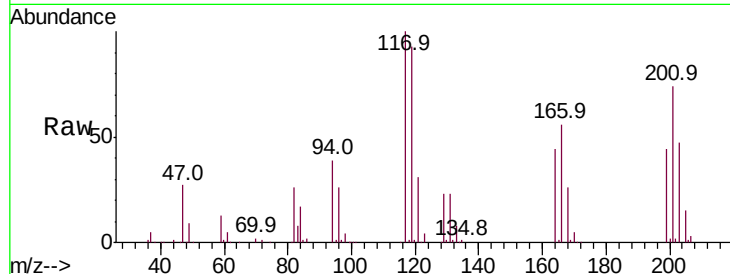




#90
Hexachloroethane
Concen: 48.479 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

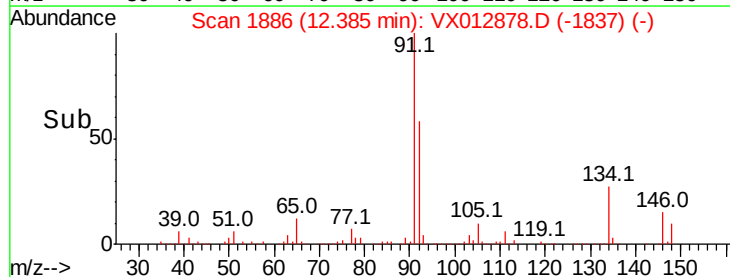
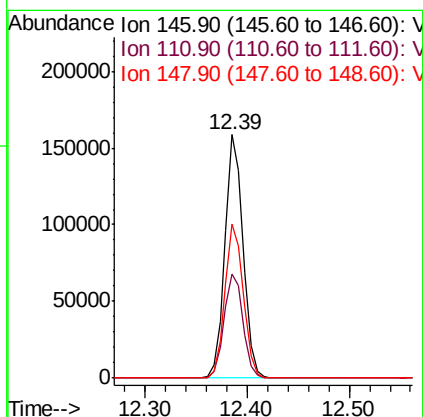
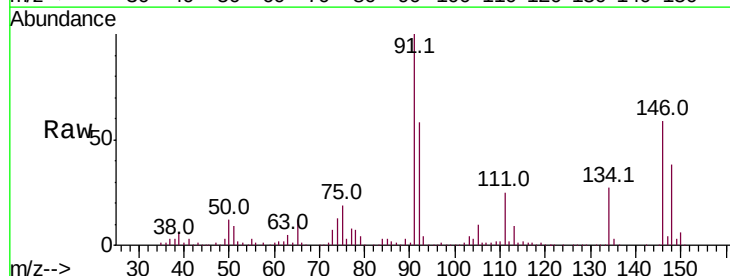
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MSD

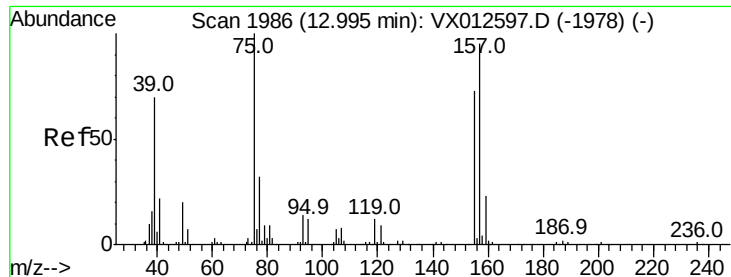
Tot Ion:117 Resp: 68680
Ion Ratio Lower Upper
117 100
201 72.2 33.3 99.8



#91
1,2-Dichlorobenzene
Concen: 51.051 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012878.D
Acq: 08 Oct 2019 07:56

Tgt Ion:146 Resp: 194850
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.1
148 64.4 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.873 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

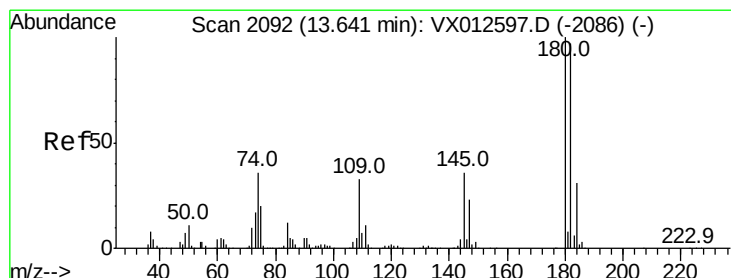
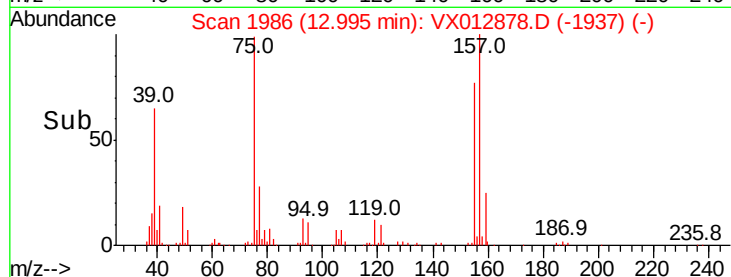
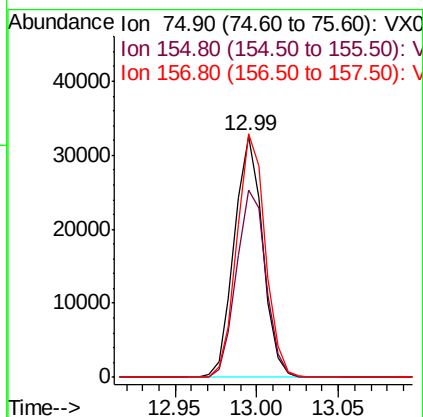
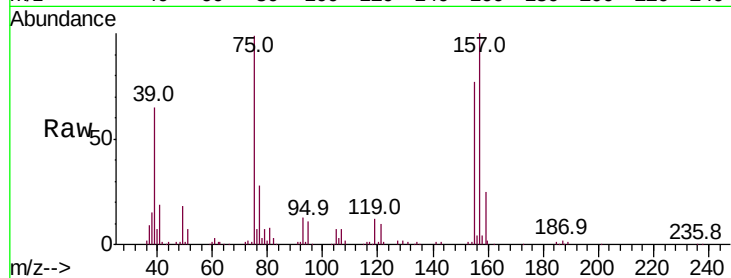
Tot Ion: 75 Resp: 39449

Ion Ratio Lower Upper

75 100

155 80.6 38.6 115.8

157 101.2 50.6 151.9



#93

1,2,4-Trichlorobenzene

Concen: 50.908 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

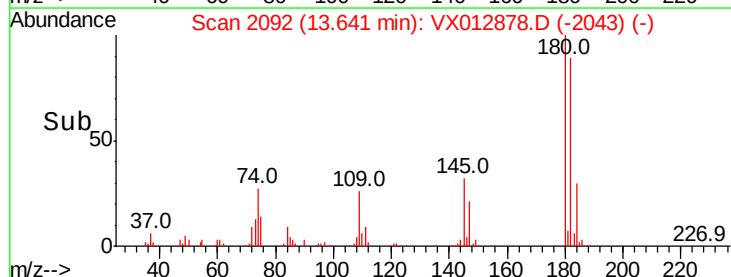
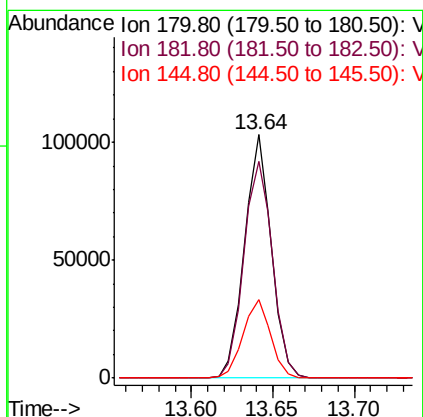
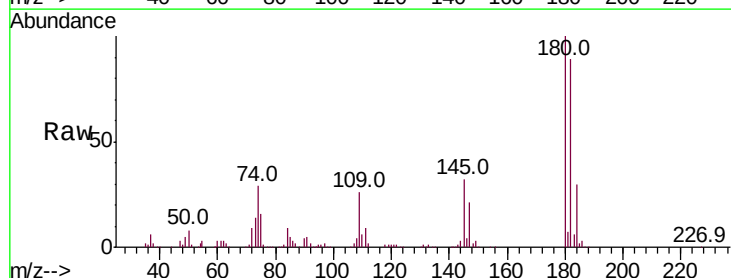
Tgt Ion:180 Resp: 118498

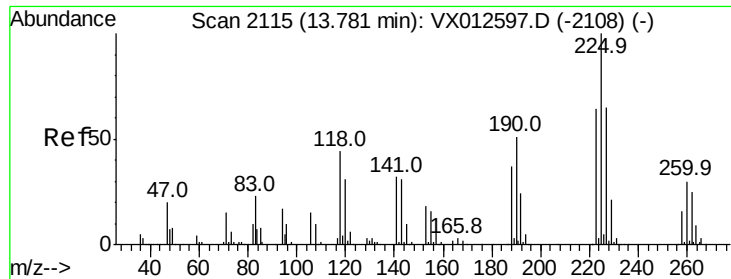
Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.0

145 33.2 16.8 50.4





#94

Hexachlorobutadiene

Concen: 49.586 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MSD

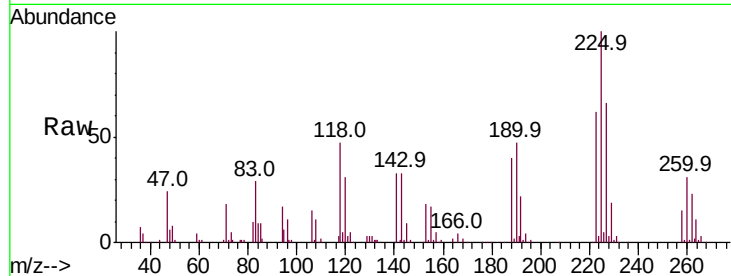
Tot Ion:225 Resp: 49654

Ion Ratio Lower Upper

225 100

223 64.6 32.0 96.2

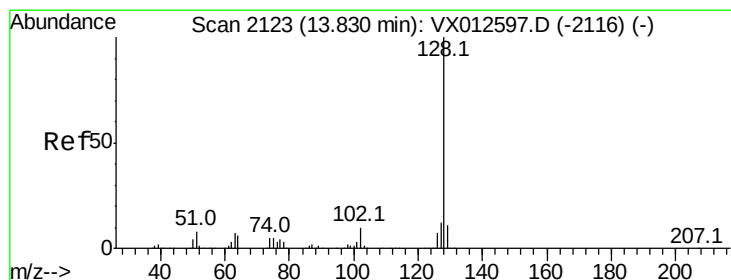
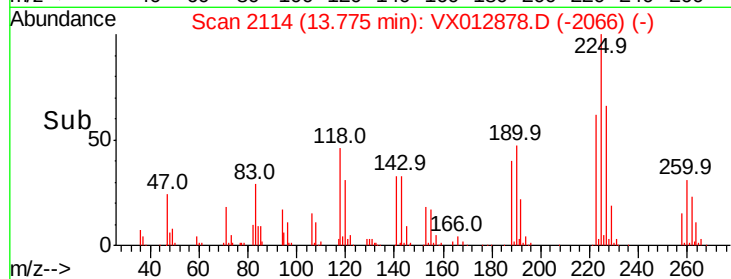
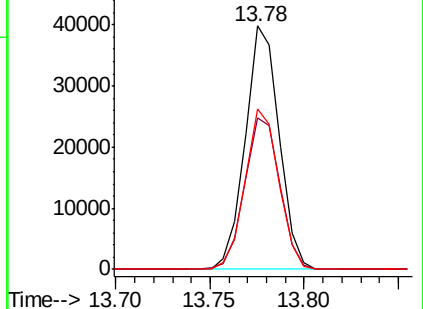
227 65.8 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.393 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012878.D

Acq: 08 Oct 2019 07:56

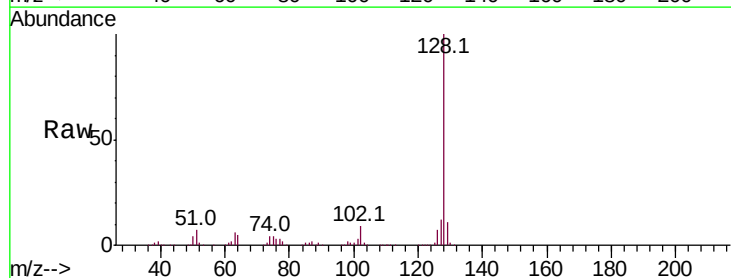
Tgt Ion:128 Resp: 424388

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

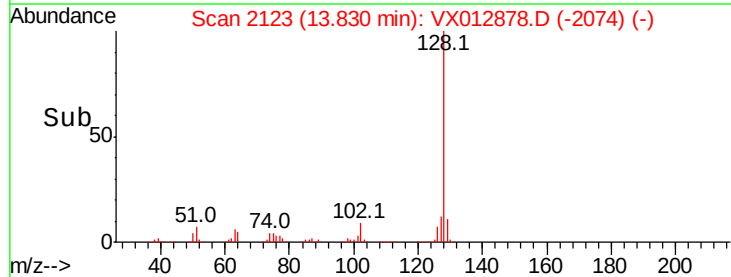
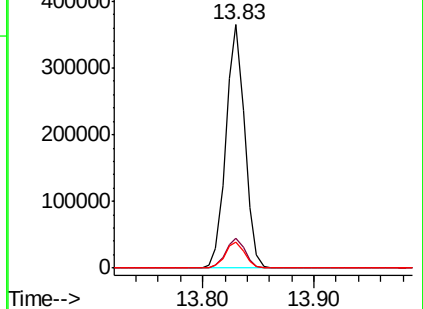
129 11.0 8.8 13.2

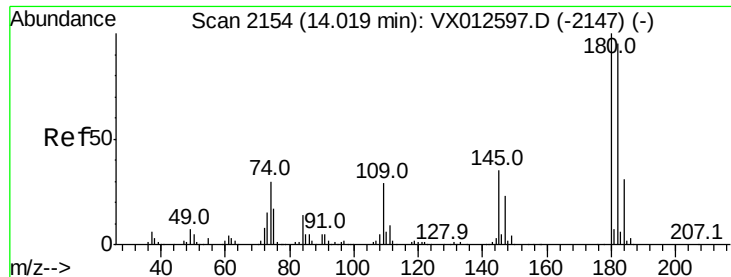


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.915 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012878.D
 Acq: 08 Oct 2019 07:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.3
145	35.0	18.0	54.0

