

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
 Data File : VX019837.D
 Acq On : 10 Dec 2020 19:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 11 00:54:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208490	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	166974	48.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.30%	
35) Dibromofluoromethane		5.46	113	135455	47.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.50%	
50) Toluene-d8		8.70	98	518056	47.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.66%	
62) 4-Bromofluorobenzene		11.12	95	198971	48.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	122819	50.845	ug/l	100
3) Chloromethane	1.31	50	133086	46.848	ug/l	99
4) Vinyl Chloride	1.39	62	157585	52.609	ug/l	98
5) Bromomethane	1.62	94	47665	47.924	ug/l	100
6) Chloroethane	1.70	64	99275	55.172	ug/l	97
7) Trichlorofluoromethane	1.91	101	220910	52.956	ug/l	95
8) Diethyl Ether	2.17	74	92117	52.109	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129531	54.173	ug/l	100
10) Methyl Iodide	2.49	142	171787	48.742	ug/l	99
11) Tert butyl alcohol	3.01	59	196276	275.592	ug/l	100
12) 1,1-Dichloroethene	2.36	96	128465	53.143	ug/l	99
13) Acrolein	2.27	56	87430	228.421	ug/l	99
14) Allyl chloride	2.70	41	213189	52.218	ug/l	98
15) Acrylonitrile	3.11	53	431946	275.543	ug/l	99
16) Acetone	2.42	43	336844	258.437	ug/l	99
17) Carbon Disulfide	2.55	76	327153	47.166	ug/l	99
18) Methyl Acetate	2.75	43	184264	57.772	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	478058	54.303	ug/l	100
20) Methylene Chloride	2.83	84	158674	53.422	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	147610	52.376	ug/l	98
22) Diisopropyl ether	3.82	45	454807	55.098	ug/l	94
23) Vinyl Acetate	3.78	43	1952549	277.646	ug/l	99
24) 1,1-Dichloroethane	3.67	63	268530	53.946	ug/l	99
25) 2-Butanone	4.63	43	548984	274.109	ug/l	99
26) 2,2-Dichloropropane	4.54	77	204885	47.796	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	171862	52.109	ug/l	99
28) Bromochloromethane	4.98	49	116484	49.089	ug/l	100
29) Tetrahydrofuran	5.09	42	353330	273.820	ug/l	99
30) Chloroform	5.17	83	276504	54.023	ug/l	99
31) Cyclohexane	5.55	56	226763	52.571	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	237486	53.880	ug/l	100
36) 1,1-Dichloropropene	5.77	75	200323	50.501	ug/l	99
37) Ethyl Acetate	4.79	43	210227	52.490	ug/l	100
38) Carbon Tetrachloride	5.75	117	200507	51.618	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	240270	51.555	ug/l	99
40) Benzene	6.11	78	626577	51.710	ug/l	100
41) Methacrylonitrile	5.00	41	114782	52.198	ug/l	98
42) 1,2-Dichloroethane	6.16	62	215625	52.083	ug/l	100
43) Isopropyl Acetate	6.41	43	339138	52.084	ug/l	100
44) Trichloroethene	7.18	130	162299	51.049	ug/l	98
45) 1,2-Dichloropropane	7.49	63	160541	53.012	ug/l	98
46) Dibromomethane	7.63	93	107138	52.387	ug/l	100
47) Bromodichloromethane	7.87	83	214573	52.874	ug/l	99
48) Methyl methacrylate	7.74	41	168310	52.558	ug/l	99
49) 1,4-Dioxane	7.71	88	83480	1076.096	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1086922	273.410	ug/l	100
52) Toluene	8.76	92	388951	51.323	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	232060	51.531	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	254805	52.081	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	163271	53.460	ug/l	98
56) Ethyl methacrylate	9.16	69	250031	54.111	ug/l	99
57) 1,3-Dichloropropane	9.35	76	273085	52.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	659340	269.355	ug/l	99
59) 2-Hexanone	9.47	43	830349	269.464	ug/l	100
60) Dibromochloromethane	9.56	129	168942	54.447	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169989	52.417	ug/l	99
64) Tetrachloroethene	9.32	164	140591	51.769	ug/l	95
65) Chlorobenzene	10.12	112	415093	51.450	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	159223	54.831	ug/l	99
67) Ethyl Benzene	10.23	91	750913	52.435	ug/l	99
68) m/p-Xylenes	10.34	106	568706	105.388	ug/l	99
69) o-Xylene	10.68	106	271677	52.336	ug/l	100
70) Styrene	10.69	104	465971	53.182	ug/l	99
71) Bromoform	10.84	173	122054	53.429	ug/l #	98
73) Isopropylbenzene	11.00	105	733157	51.471	ug/l	100
74) N-amyl acetate	10.88	43	294644	51.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262008	52.174	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	295398	63.172	ug/l	89
77) Bromobenzene	11.24	156	184307	50.562	ug/l	99
78) n-propylbenzene	11.34	91	844828	51.930	ug/l	99
79) 2-Chlorotoluene	11.40	91	505097	50.416	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	620707	51.633	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	81867	50.611	ug/l	99
82) 4-Chlorotoluene	11.49	91	595214	50.728	ug/l	99
83) tert-Butylbenzene	11.76	119	610697	51.797	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	627103	51.786	ug/l	100
85) sec-Butylbenzene	11.93	105	705496	52.410	ug/l	100
86) p-Isopropyltoluene	12.05	119	641865	52.029	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	328359	49.080	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	335261	49.201	ug/l	99
89) n-Butylbenzene	12.37	91	560796	51.308	ug/l	100
90) Hexachloroethane	12.58	117	111234	52.226	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	329704	50.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56726	52.545	ug/l	96

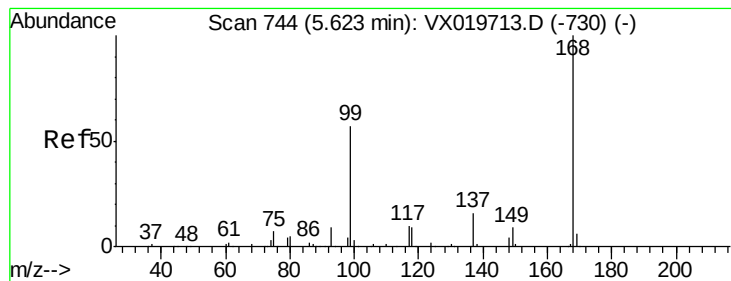
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	222966	52.519	ug/l	99
94) Hexachlorobutadiene	13.76	225	95246	50.195	ug/l	98
95) Naphthalene	13.82	128	746223	54.217	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	216691	52.227	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

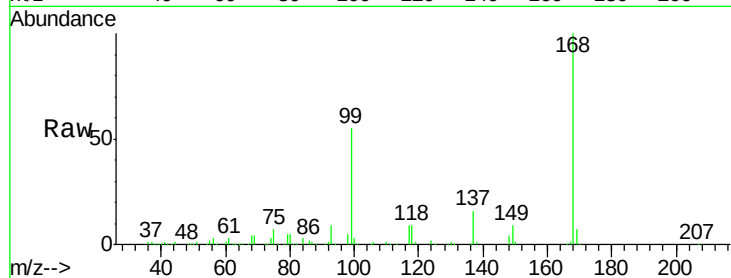
VSTDCCC050EC

Tgt Ion:168 Resp: 263839

Ion Ratio Lower Upper

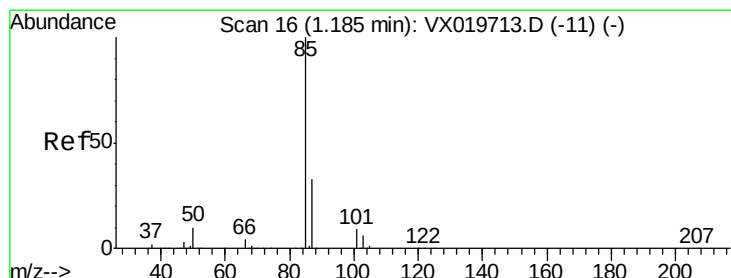
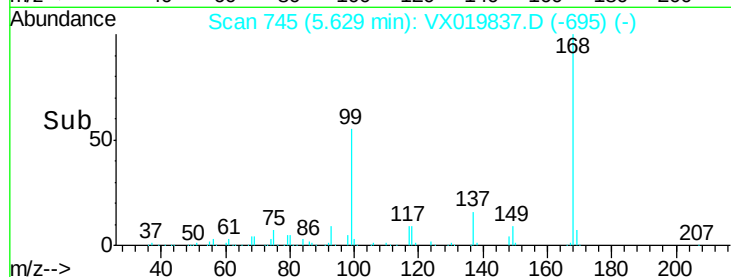
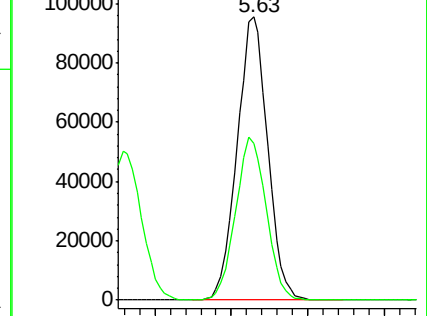
168 100

99 55.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.845 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019837.D

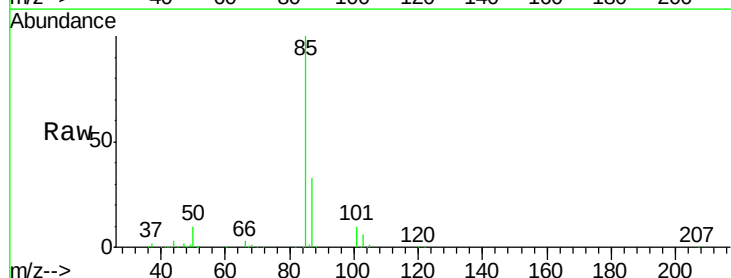
Acq: 10 Dec 2020 19:46

Tgt Ion: 85 Resp: 122819

Ion Ratio Lower Upper

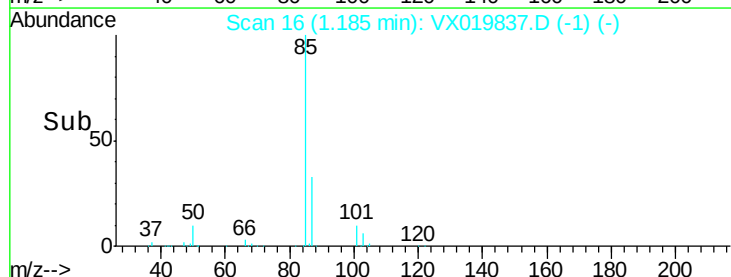
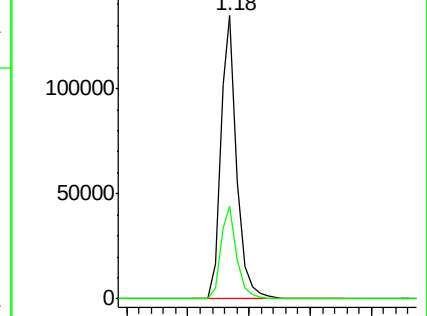
85 100

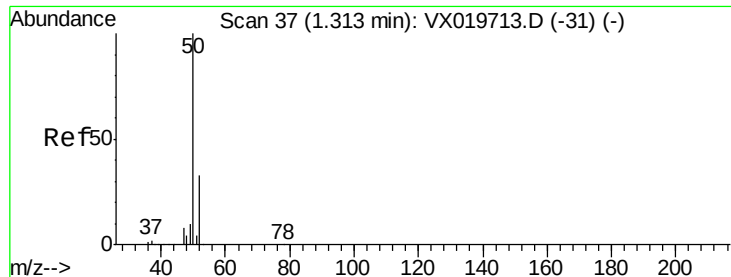
87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.848 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

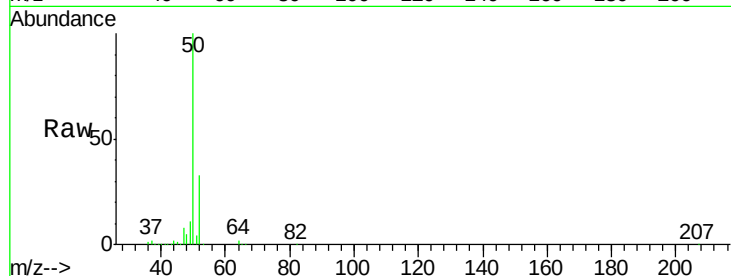
VSTDCCC050EC

Tgt Ion: 50 Resp: 133086

Ion Ratio Lower Upper

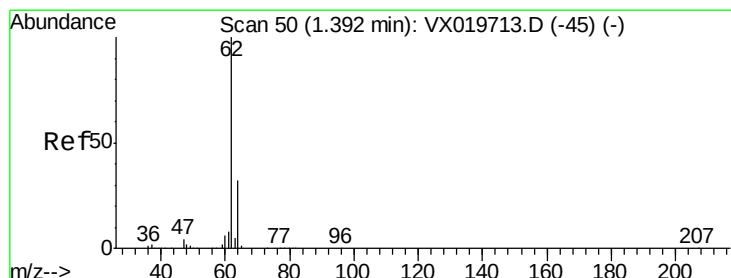
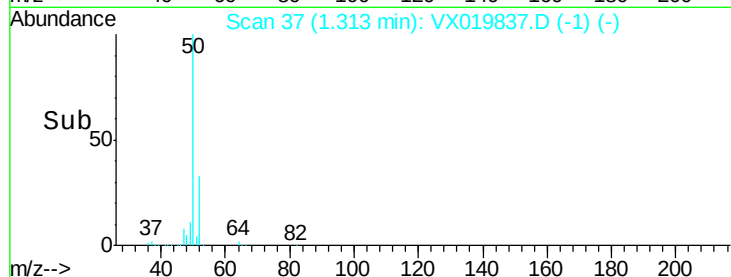
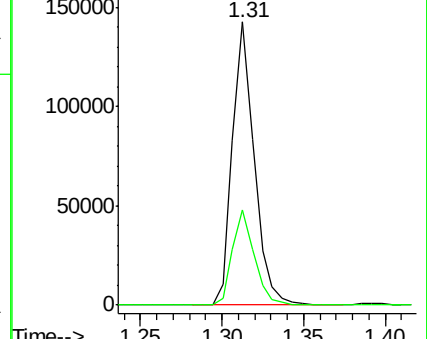
50 100

52 33.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.609 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019837.D

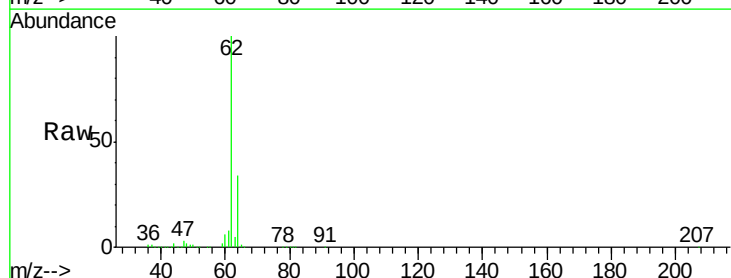
Acq: 10 Dec 2020 19:46

Tgt Ion: 62 Resp: 157585

Ion Ratio Lower Upper

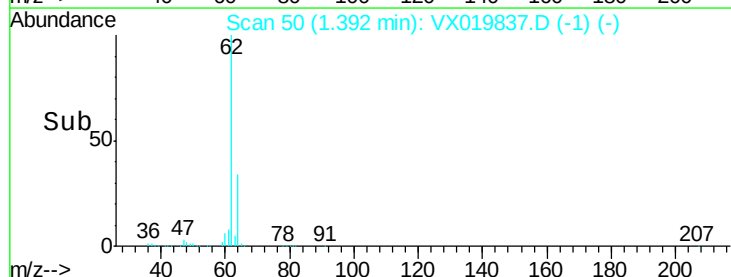
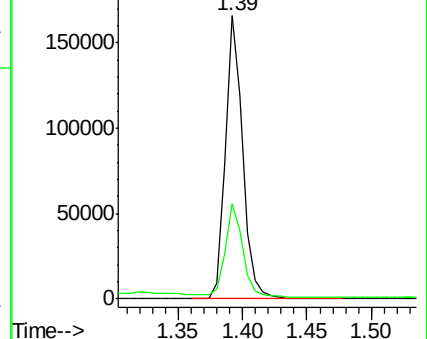
62 100

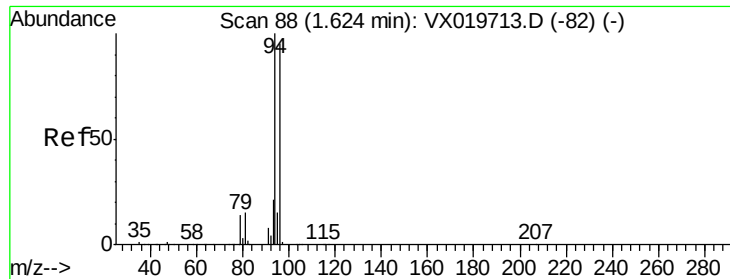
64 33.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.924 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

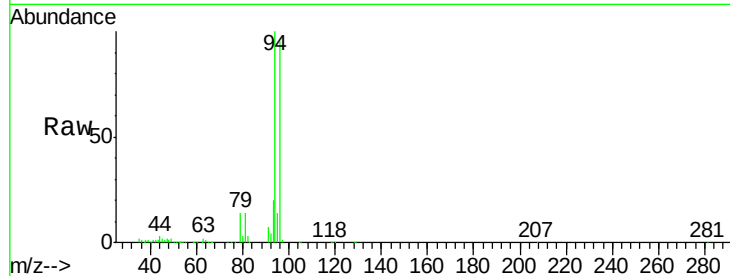
VSTDCCC050EC

Tgt Ion: 94 Resp: 47665

Ion Ratio Lower Upper

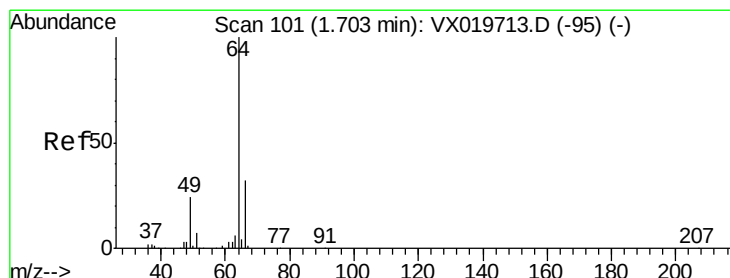
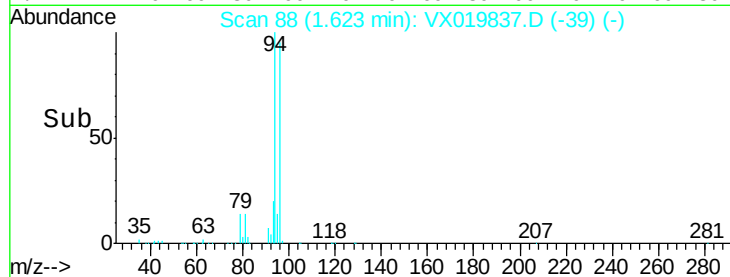
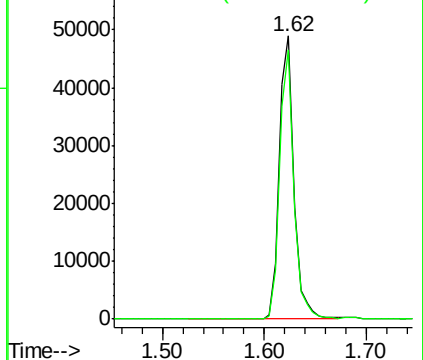
94 100

96 95.3 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.172 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019837.D

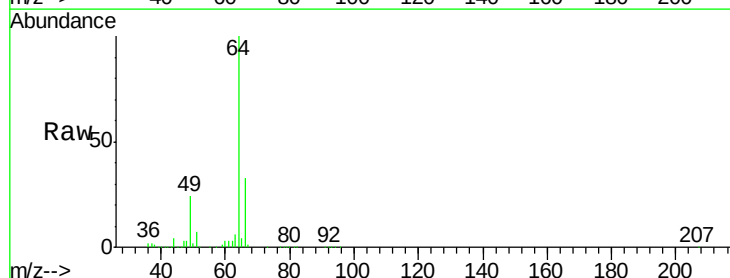
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Tgt Ion: 64 Resp: 99275

Ion Ratio Lower Upper

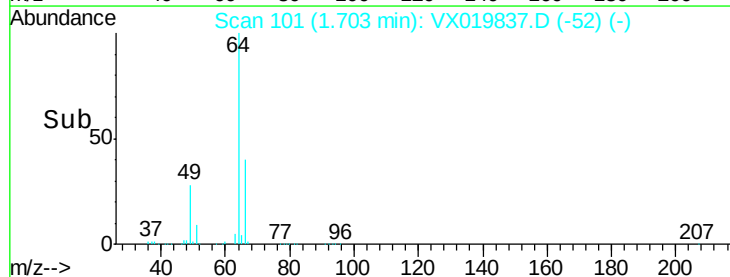
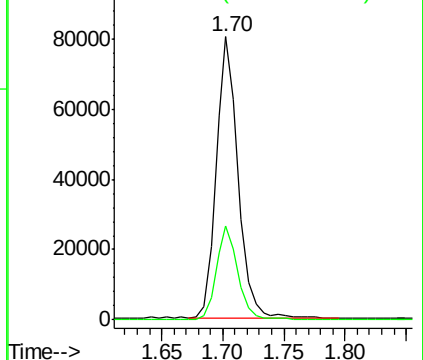
64 100

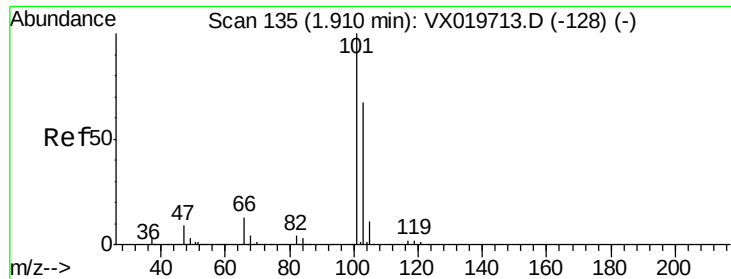
66 33.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



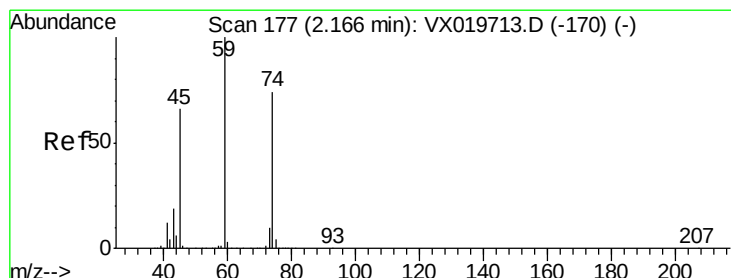
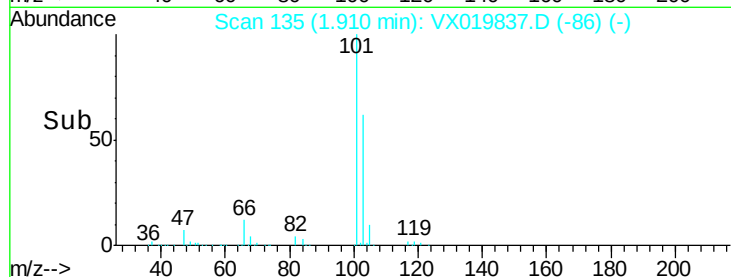
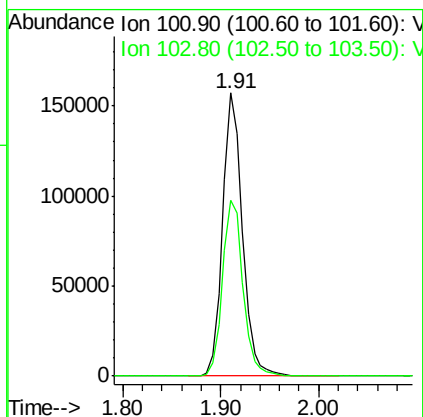
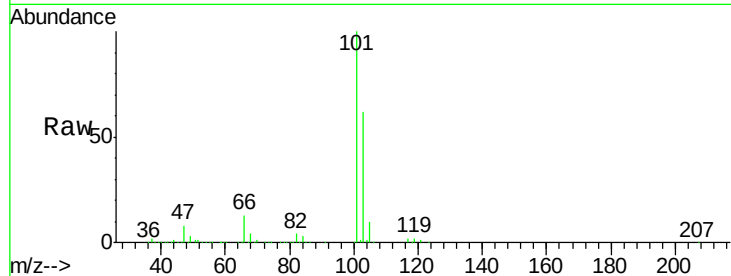


#7

Trichlorofluoromethane
 Concen: 52.956 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

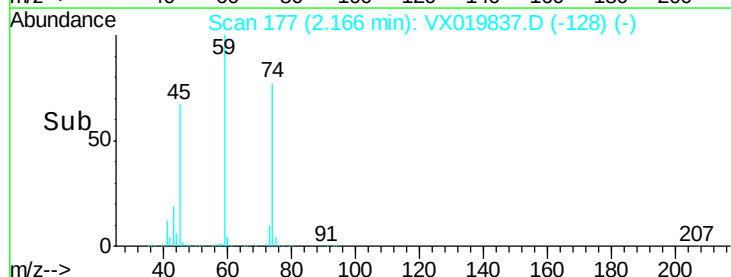
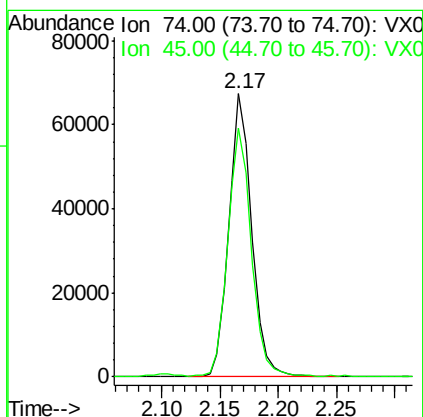
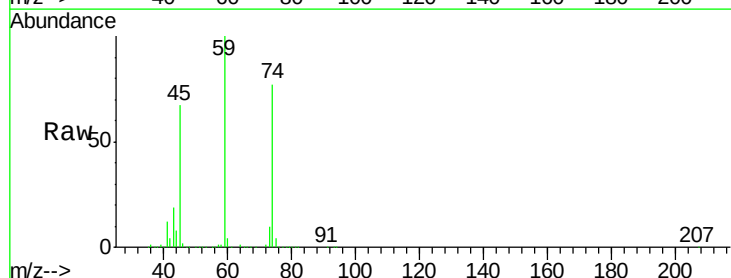
Tgt Ion:101 Resp: 220910
 Ion Ratio Lower Upper
 101 100
 103 62.3 53.2 79.8

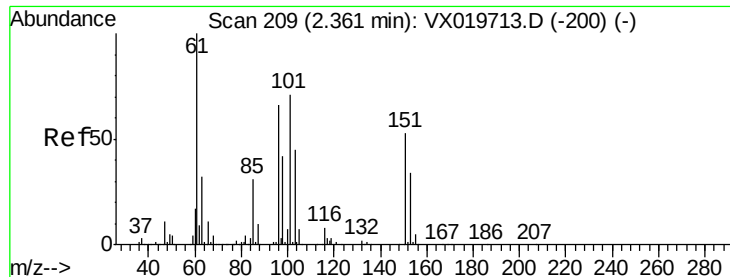


#8

Diethyl Ether
 Concen: 52.109 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion: 74 Resp: 92117
 Ion Ratio Lower Upper
 74 100
 45 89.4 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.173 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

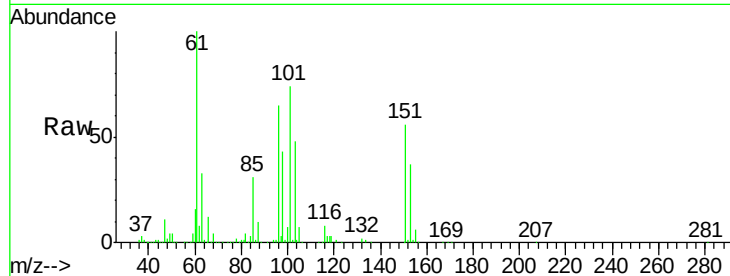
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

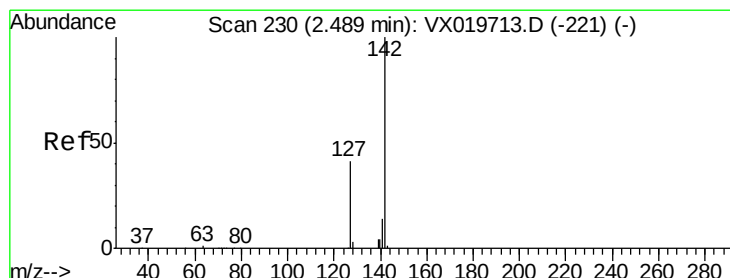
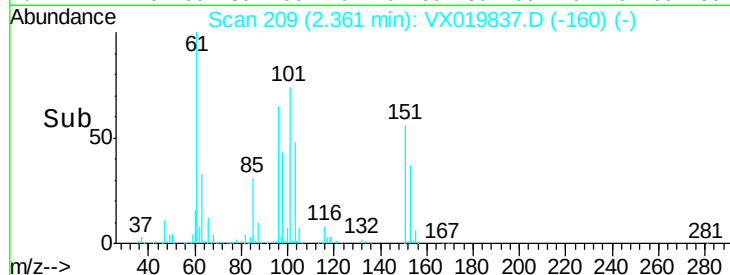
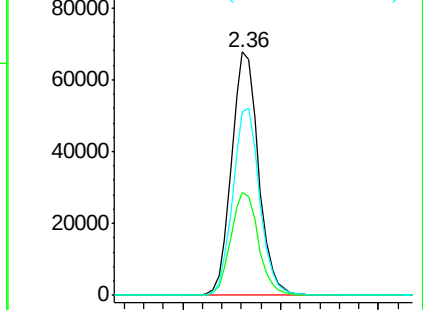
Tgt Ion:	101	Resp:	129531
Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.9	52.3
151	76.9	61.4	92.2



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: 48.742 ug/l

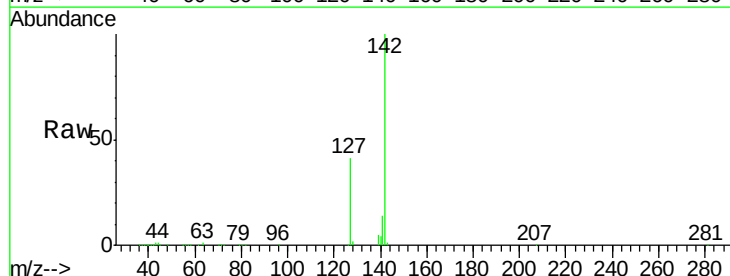
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

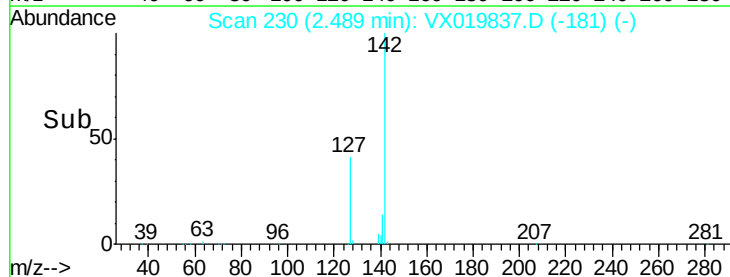
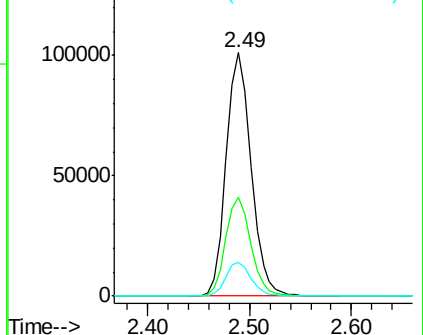
Tgt Ion:	142	Resp:	171787
Ion	Ratio	Lower	Upper
142	100		
127	41.1	33.3	49.9
141	14.1	11.4	17.0

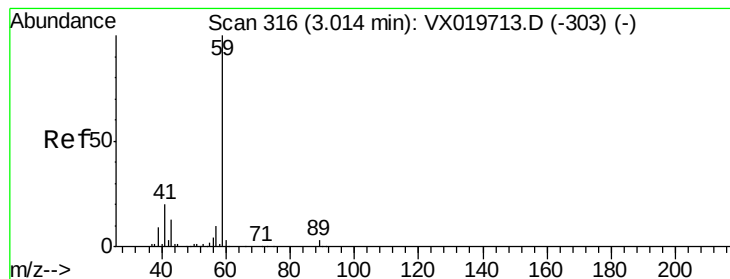


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



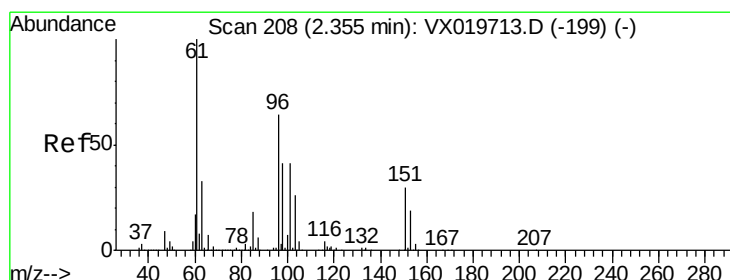
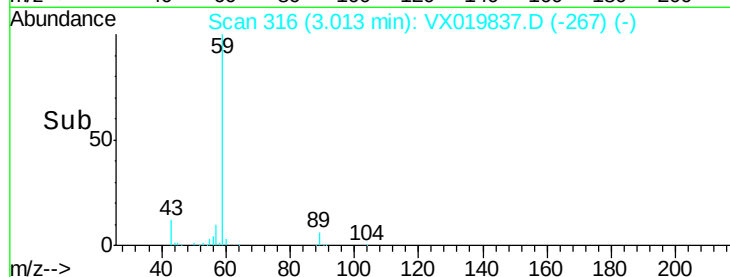
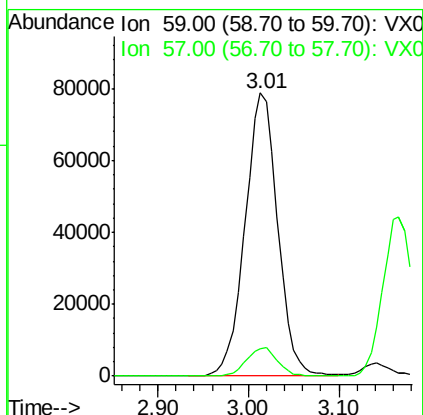
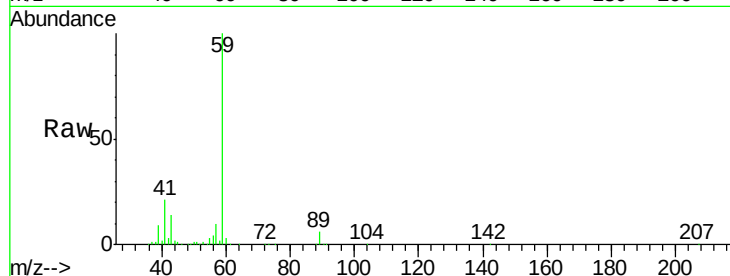


#11

Tert butyl alcohol
Concen: 275.592 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

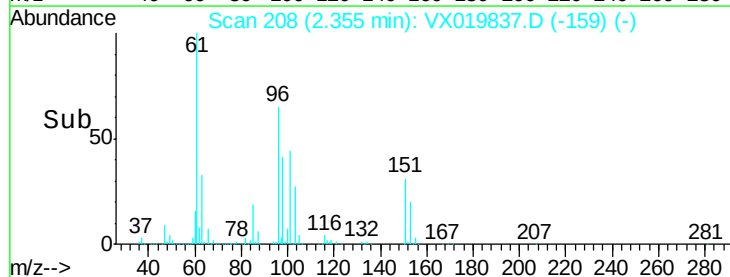
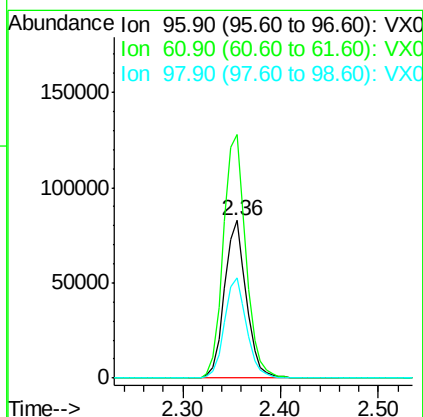
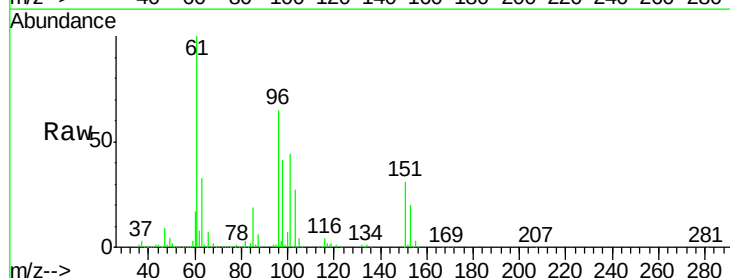
Tgt Ion: 59 Resp: 196276
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8

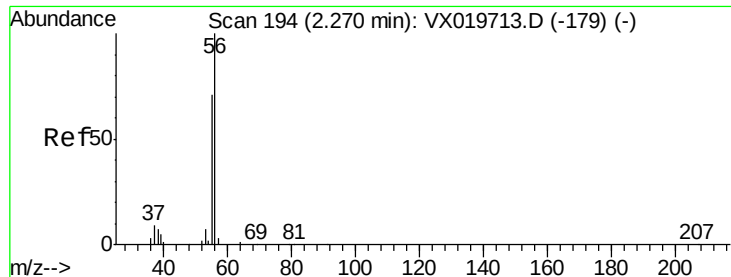


#12

1,1-Dichloroethene
Concen: 53.143 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 96 Resp: 128465
Ion Ratio Lower Upper
96 100
61 154.3 124.6 187.0
98 63.6 50.6 76.0





#13

Acrolein

Concen: 228.421 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

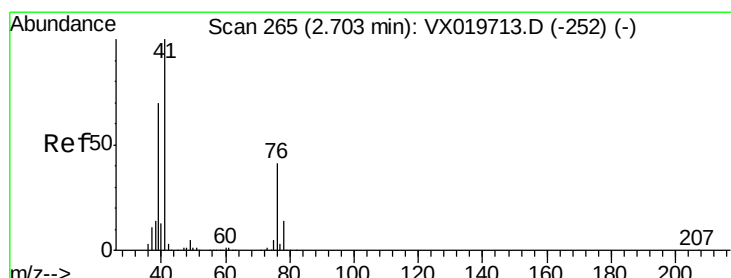
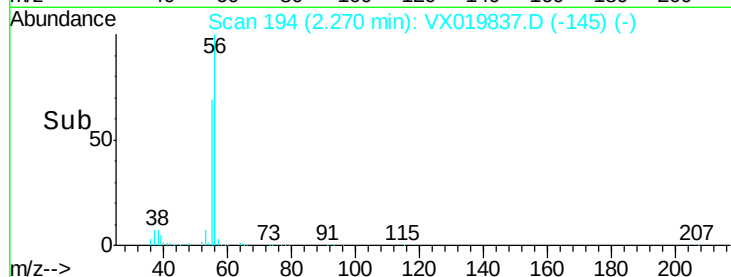
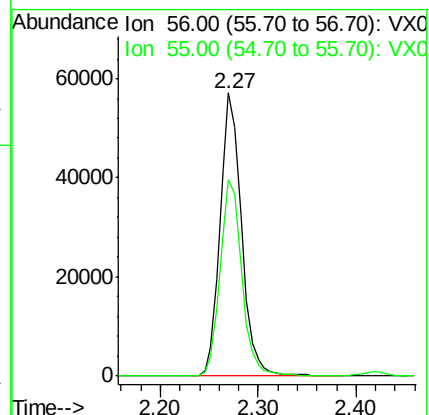
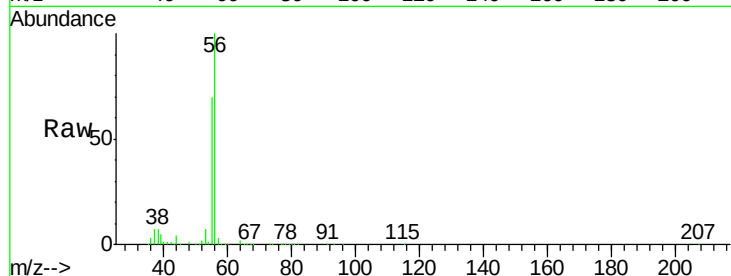
VSTDCCC050EC

Tgt Ion: 56 Resp: 87430

Ion Ratio Lower Upper

56 100

55 70.0 56.4 84.6



#14

Allyl chloride

Concen: 52.218 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

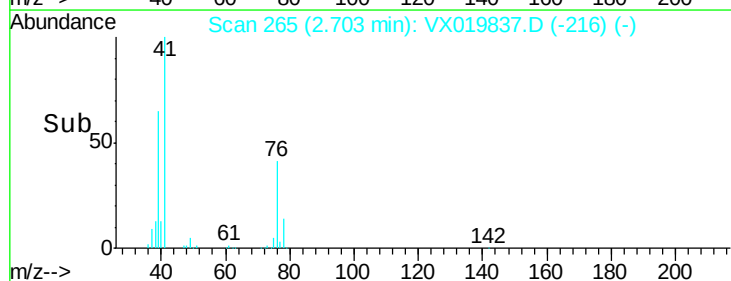
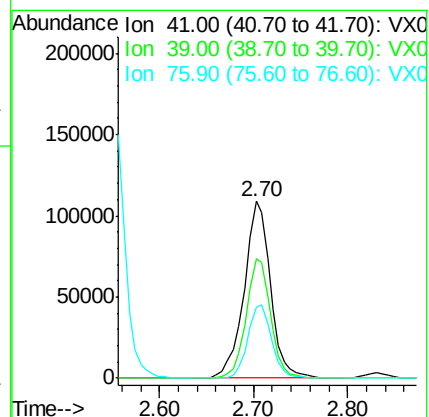
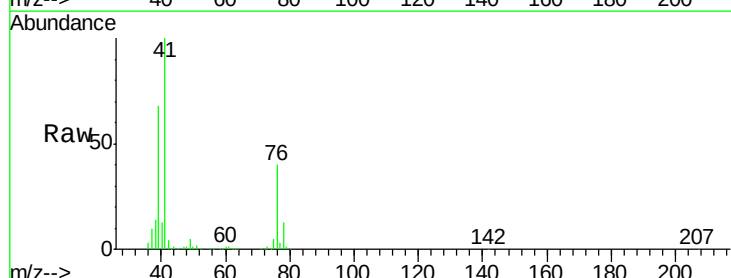
Tgt Ion: 41 Resp: 213189

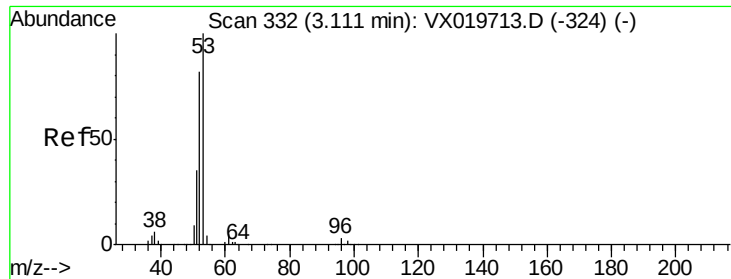
Ion Ratio Lower Upper

41 100

39 62.6 51.6 77.4

76 37.2 30.5 45.7





#15

Acrylonitrile

Concen: 275.543 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

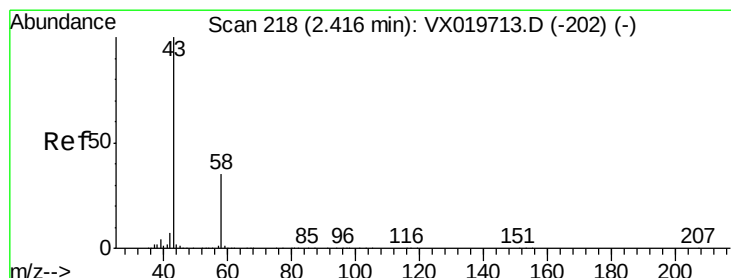
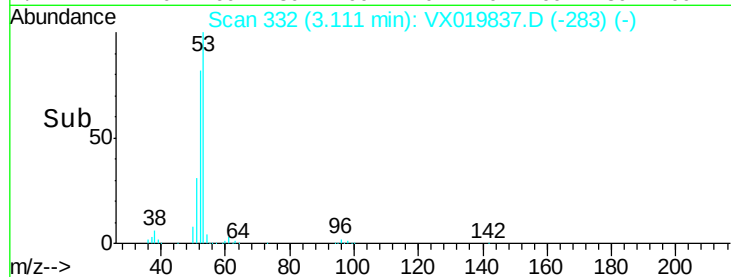
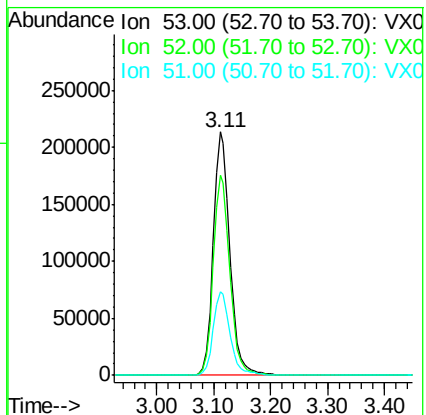
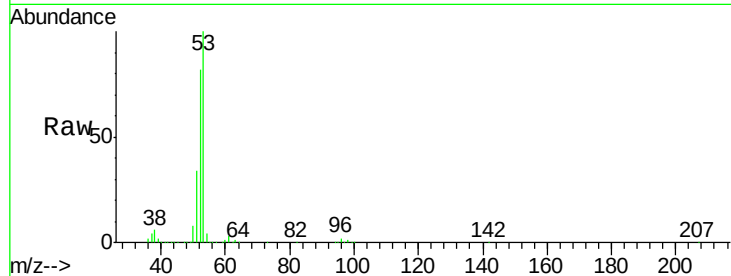
Tgt Ion: 53 Resp: 431946

Ion Ratio Lower Upper

53 100

52 82.3 65.3 97.9

51 35.0 28.2 42.2



#16

Acetone

Concen: 258.437 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019837.D

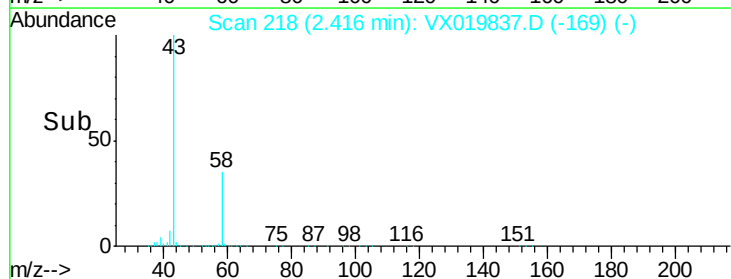
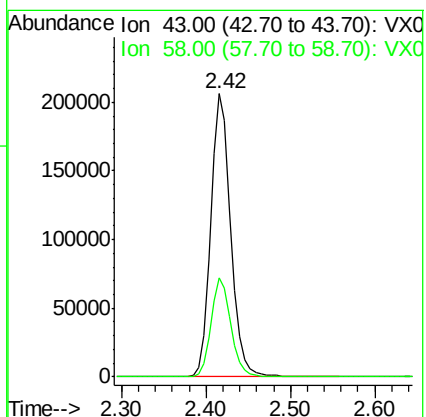
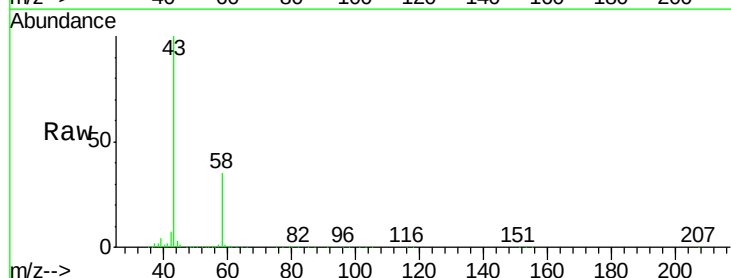
Acq: 10 Dec 2020 19:46

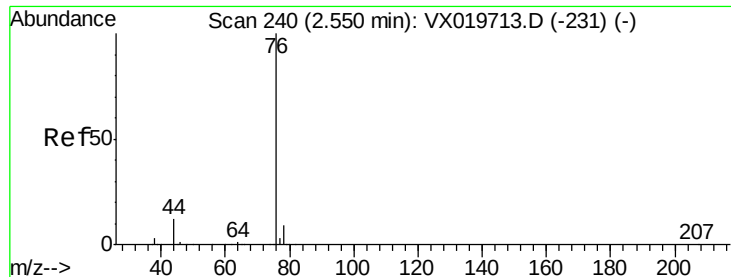
Tgt Ion: 43 Resp: 336844

Ion Ratio Lower Upper

43 100

58 35.1 27.8 41.8





#17

Carbon Disulfide

Concen: 47.166 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

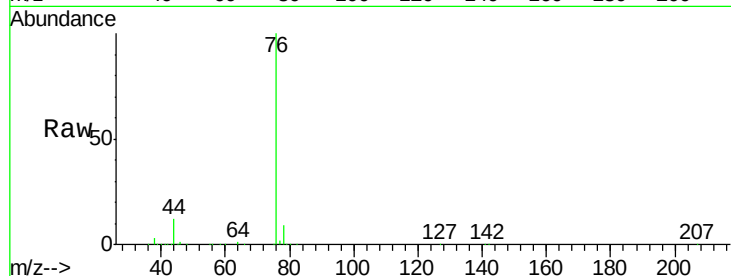
VSTDCCC050EC

Tgt Ion: 76 Resp: 327153

Ion Ratio Lower Upper

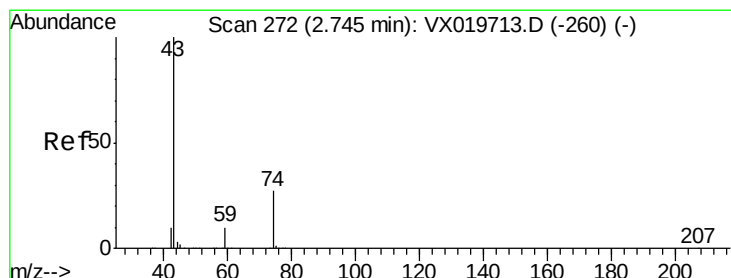
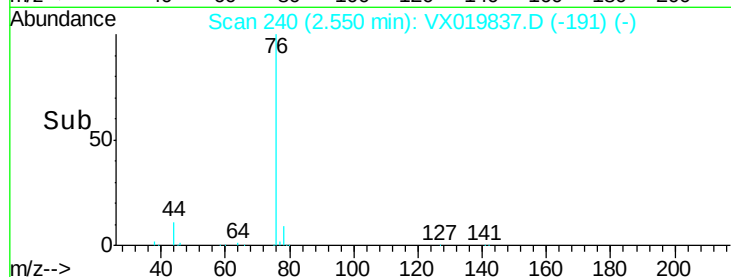
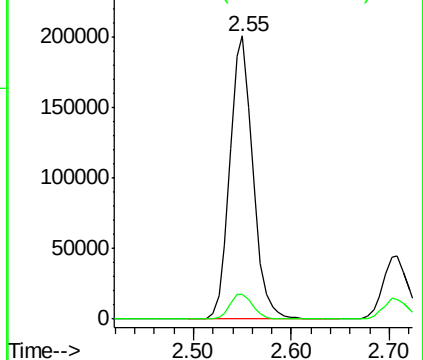
76 100

78 8.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.772 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019837.D

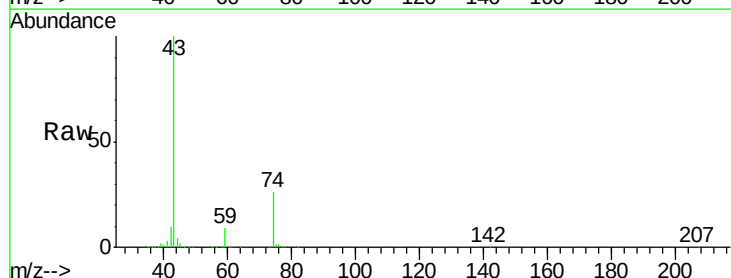
Acq: 10 Dec 2020 19:46

Tgt Ion: 43 Resp: 184264

Ion Ratio Lower Upper

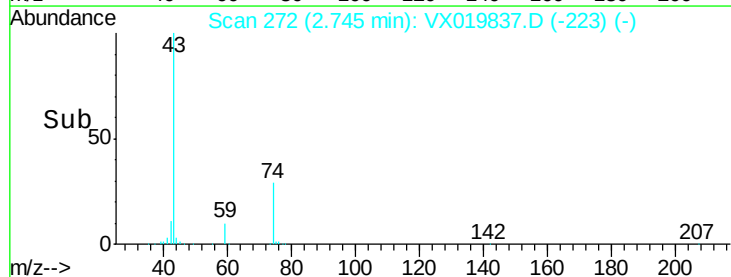
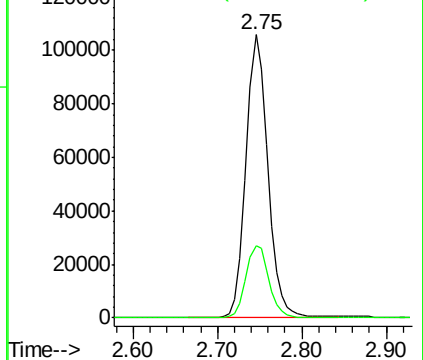
43 100

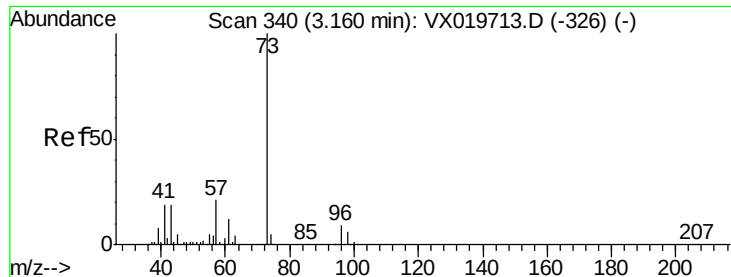
74 27.2 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 54.303 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

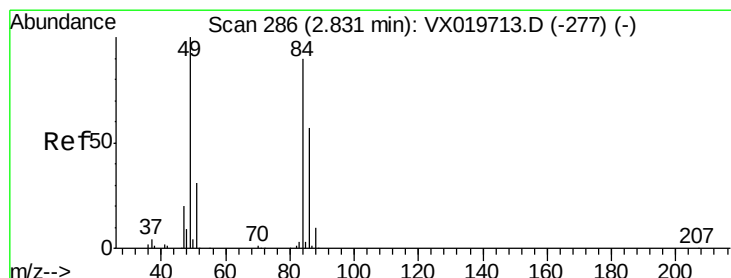
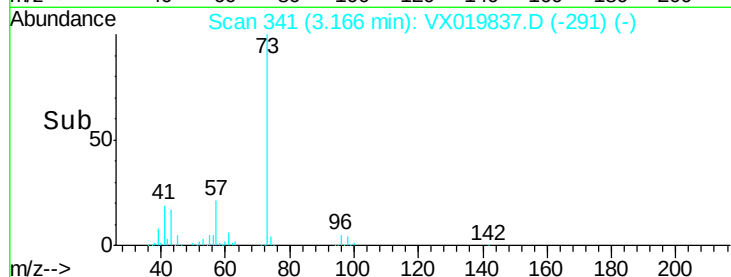
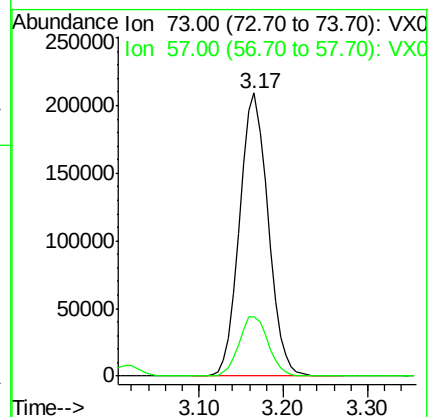
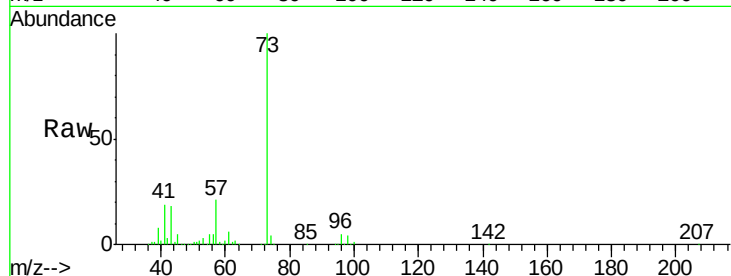
VSTDCCC050EC

Tgt Ion: 73 Resp: 478058

Ion Ratio Lower Upper

73 100

57 21.2 17.1 25.7



#20

Methylene Chloride

Concen: 53.422 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion: 84 Resp: 158674

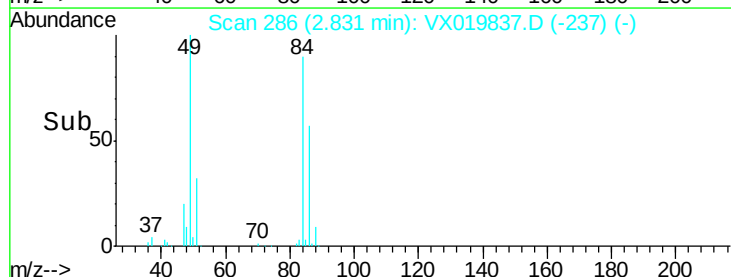
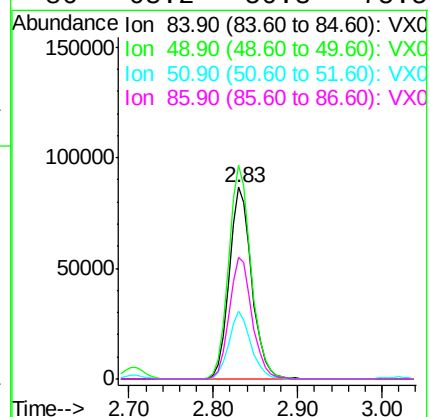
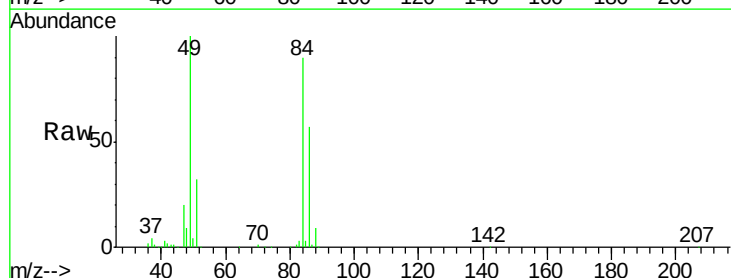
Ion Ratio Lower Upper

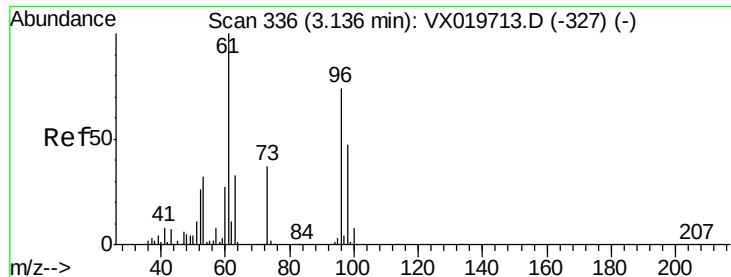
84 100

49 111.4 88.6 132.8

51 35.4 27.0 40.6

86 63.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 52.376 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

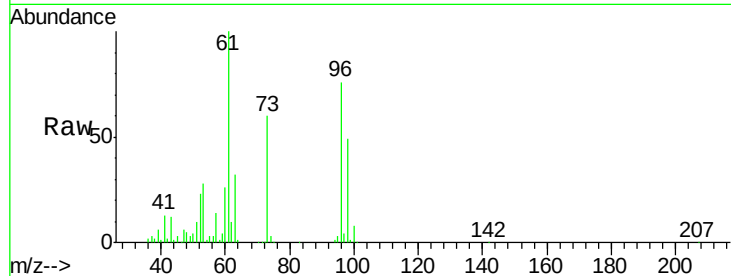
Tgt Ion: 96 Resp: 147610

Ion Ratio Lower Upper

96 100

61 132.0 107.7 161.5

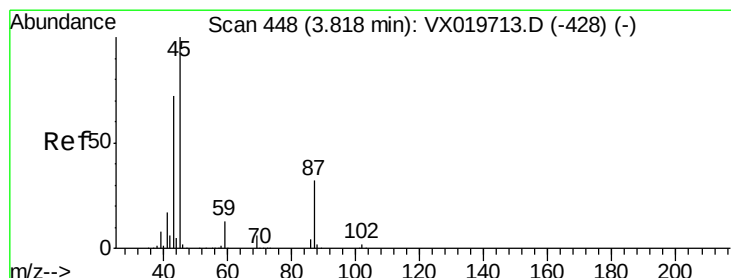
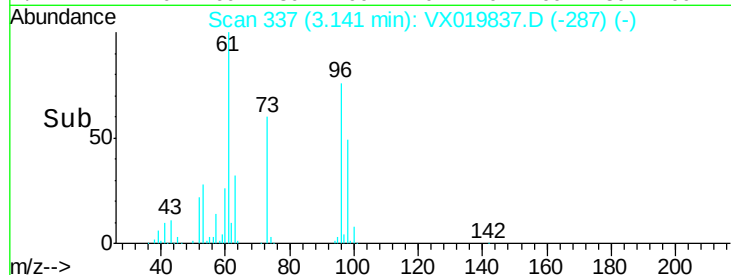
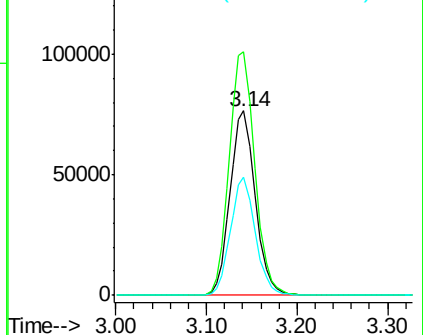
98 64.3 50.4 75.6



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



#22

Diisopropyl ether

Concen: 55.098 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion: 45 Resp: 454807

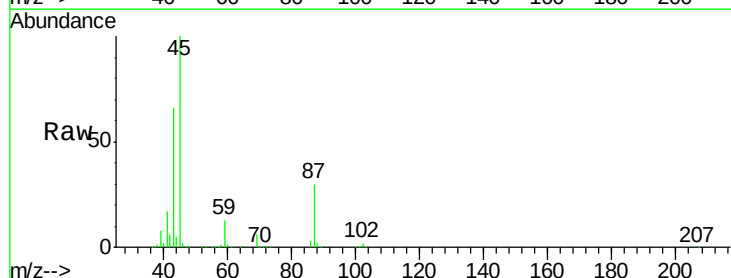
Ion Ratio Lower Upper

45 100

43 65.6 58.0 87.0

87 30.0 25.4 38.0

59 12.7 10.2 15.2

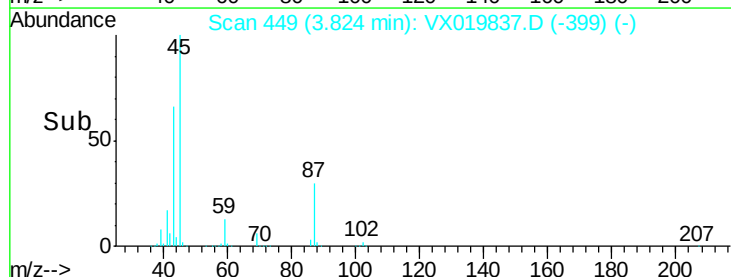
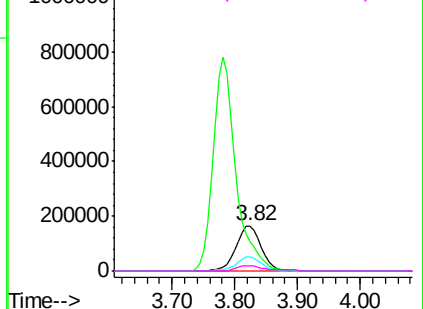


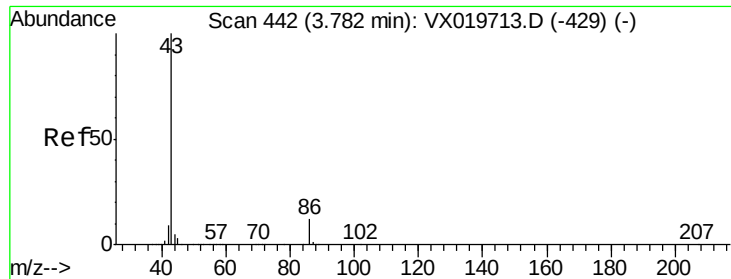
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

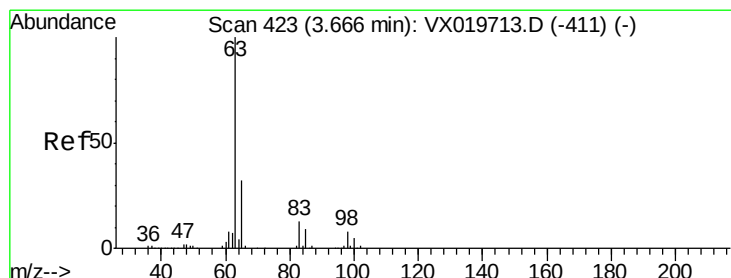
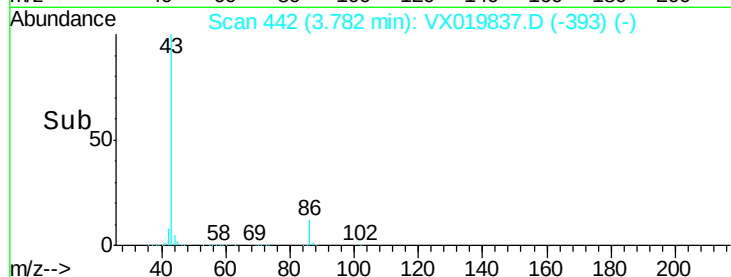
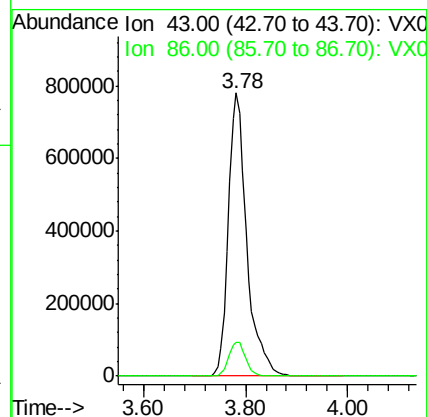
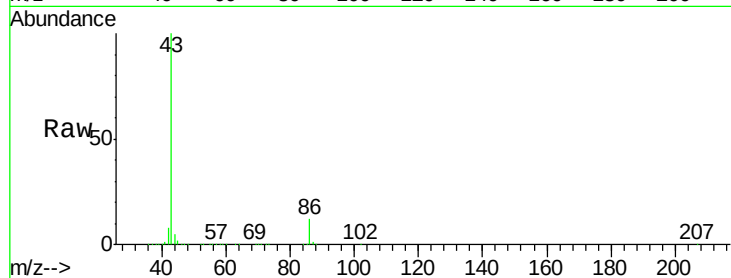




#23
 Vinyl Acetate
 Concen: 277.646 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

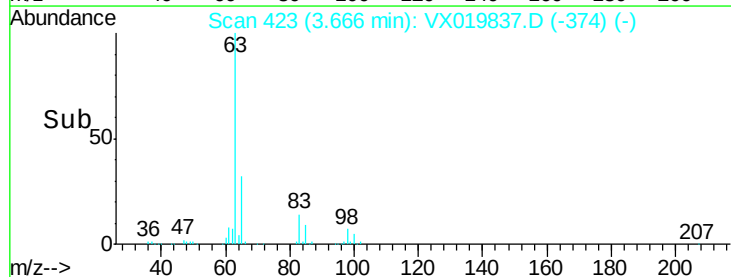
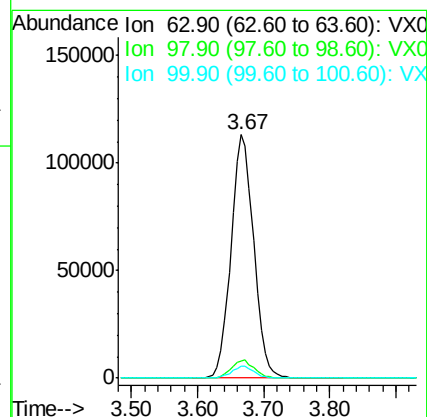
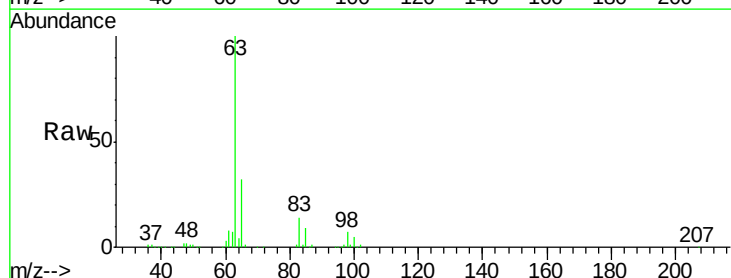
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

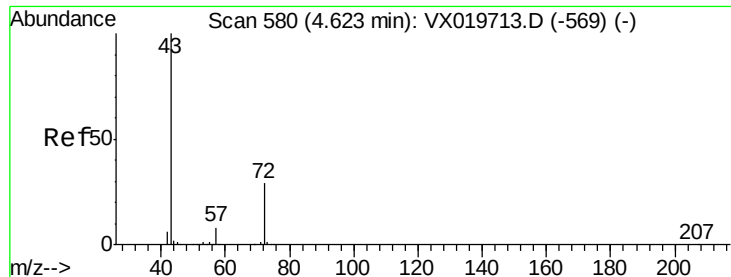
Tgt Ion: 43 Resp: 1952549
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 53.946 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion: 63 Resp: 268530
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 274.109 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

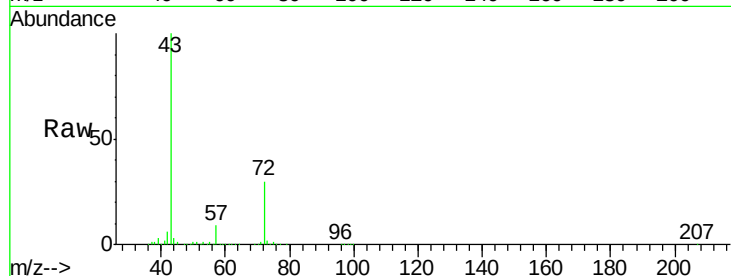
VSTDCCC050EC

Tgt Ion: 43 Resp: 548984

Ion Ratio Lower Upper

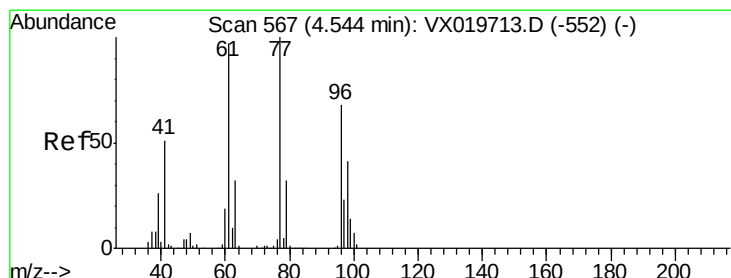
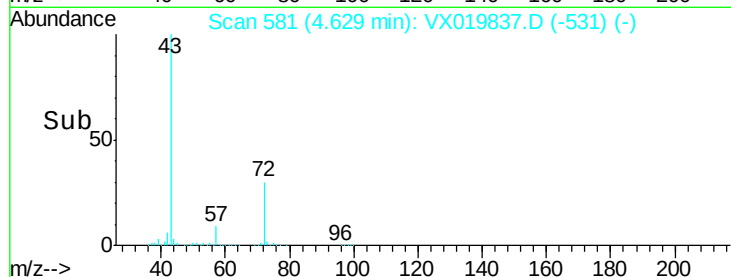
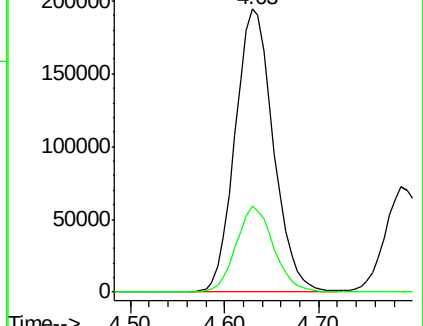
43 100

72 30.3 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.796 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019837.D

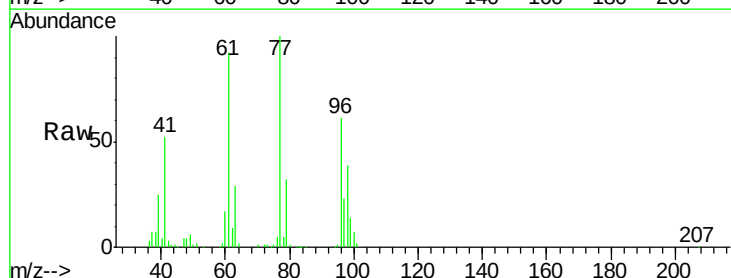
Acq: 10 Dec 2020 19:46

Tgt Ion: 77 Resp: 204885

Ion Ratio Lower Upper

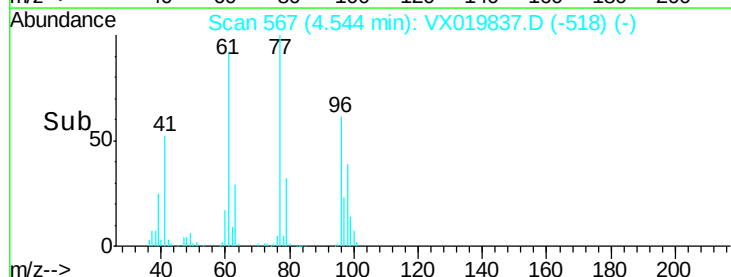
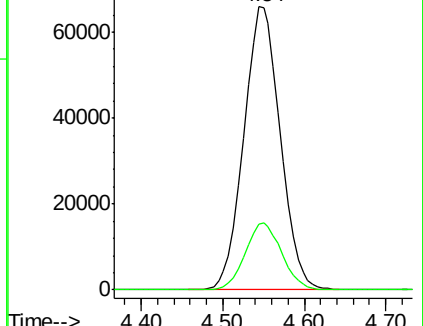
77 100

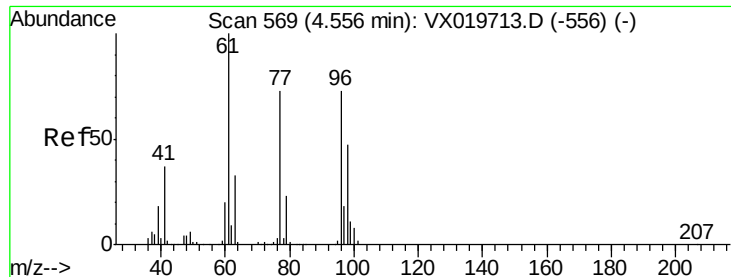
97 23.6 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



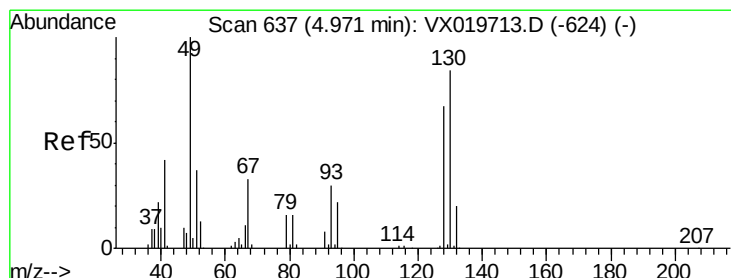
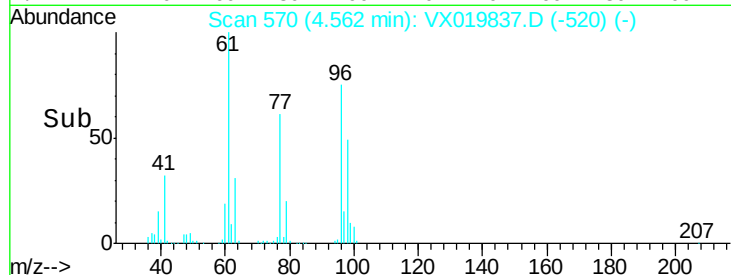
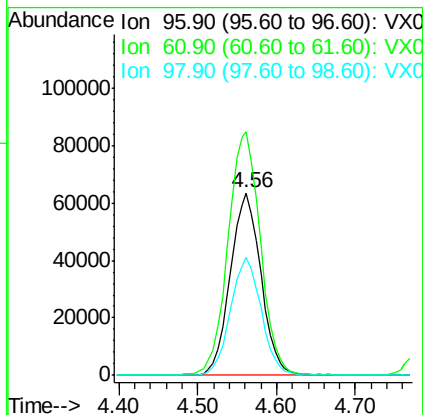
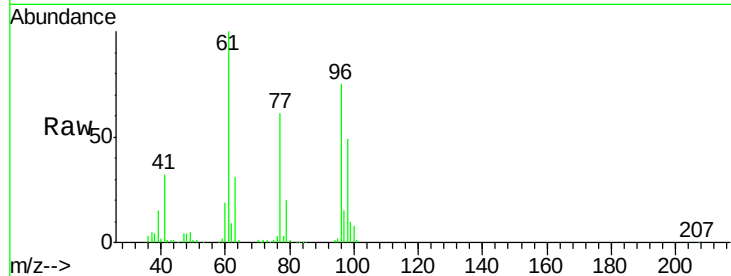


#27

cis-1,2-Dichloroethene
Concen: 52.109 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

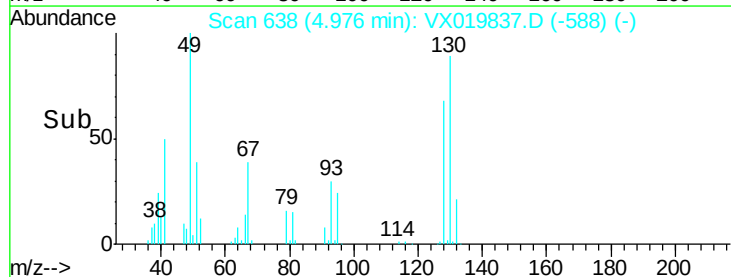
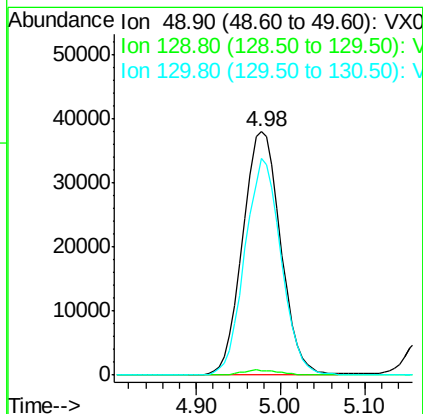
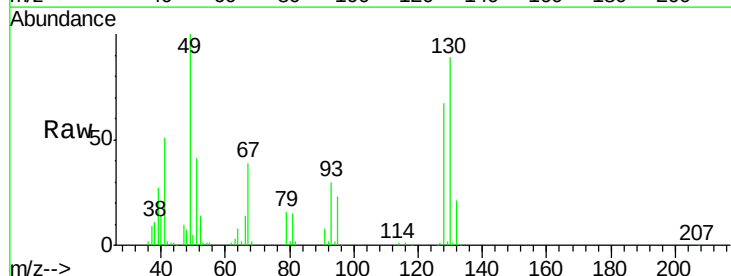
Tgt Ion: 96 Resp: 171862
Ion Ratio Lower Upper
96 100
61 141.6 0.0 285.6
98 64.7 0.0 129.6

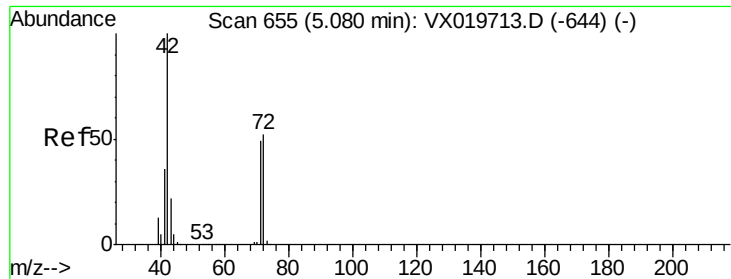


#28

Bromochloromethane
Concen: 49.089 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 49 Resp: 116484
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 84.8 68.2 102.2





#29

Tetrahydrofuran

Concen: 273.820 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

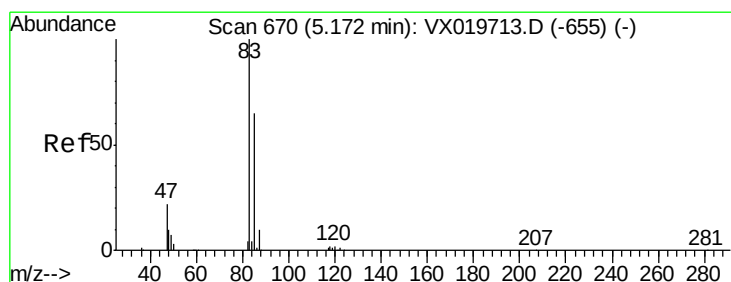
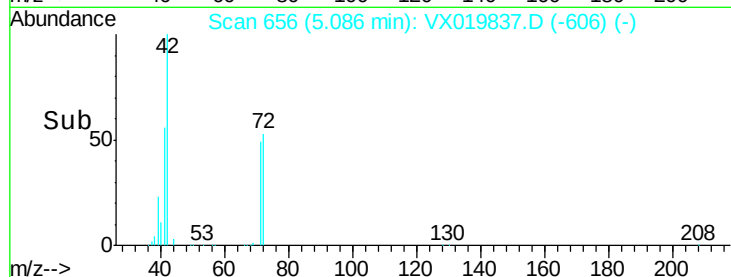
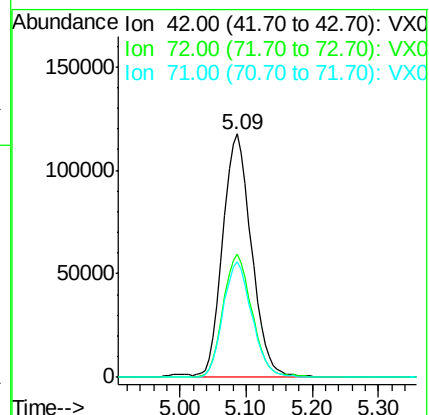
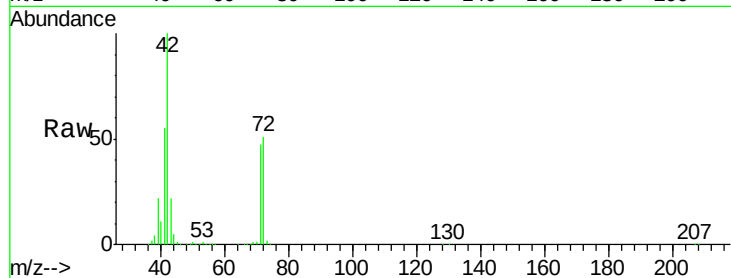
Tgt Ion: 42 Resp: 353330

Ion Ratio Lower Upper

42 100

72 51.3 41.7 62.5

71 47.7 38.4 57.6



#30

Chloroform

Concen: 54.023 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX019837.D

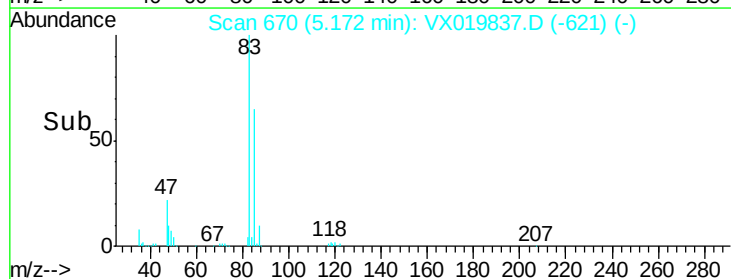
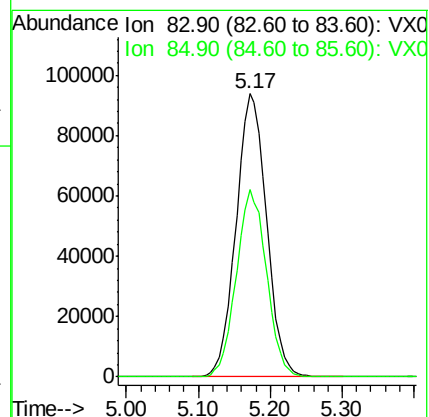
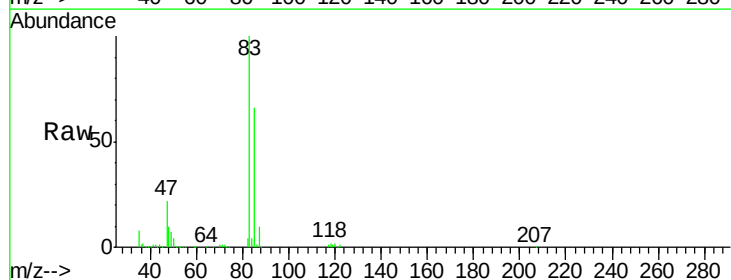
Acq: 10 Dec 2020 19:46

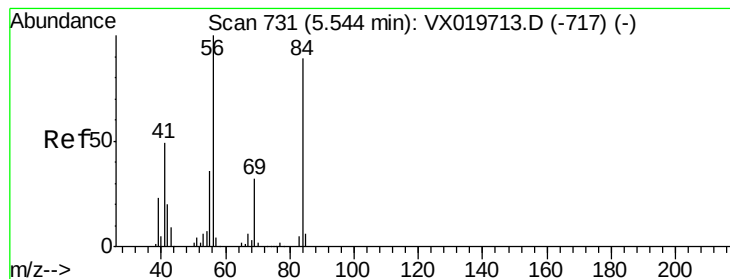
Tgt Ion: 83 Resp: 276504

Ion Ratio Lower Upper

83 100

85 66.1 52.0 78.0





#31

Cyclohexane

Concen: 52.571 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

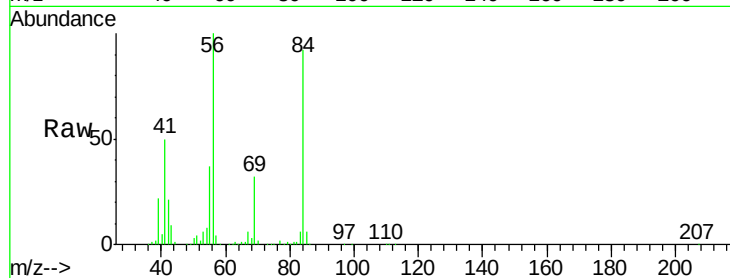
Tgt Ion: 56 Resp: 226763

Ion Ratio Lower Upper

56 100

69 31.8 25.3 37.9

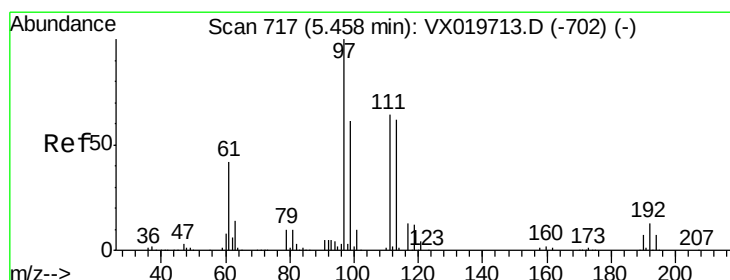
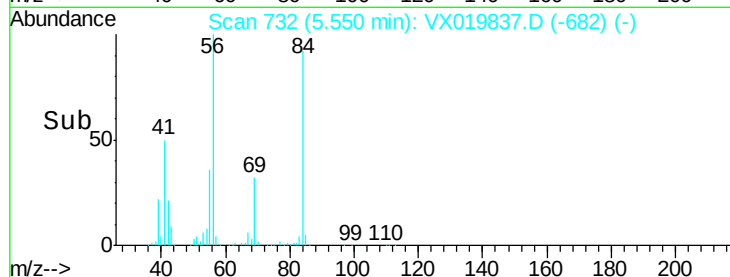
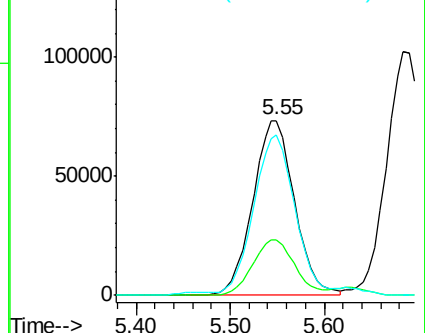
84 90.1 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.880 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

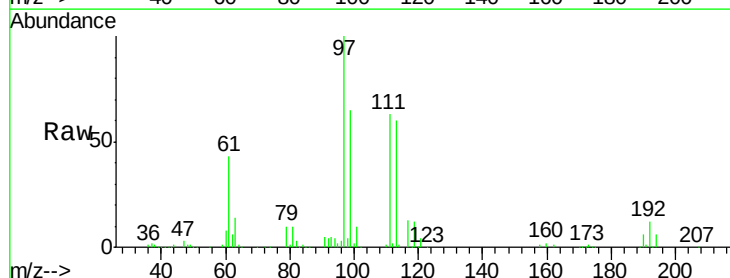
Tgt Ion: 97 Resp: 237486

Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

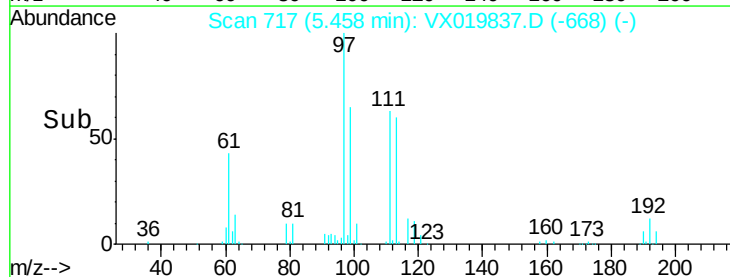
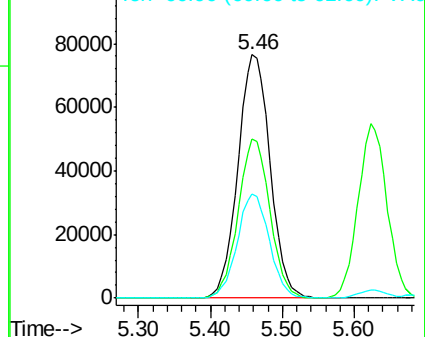
61 42.8 34.2 51.4

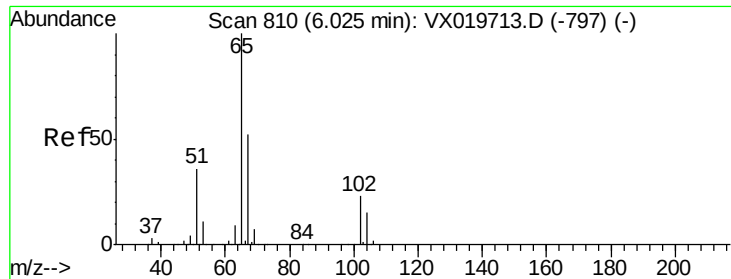


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

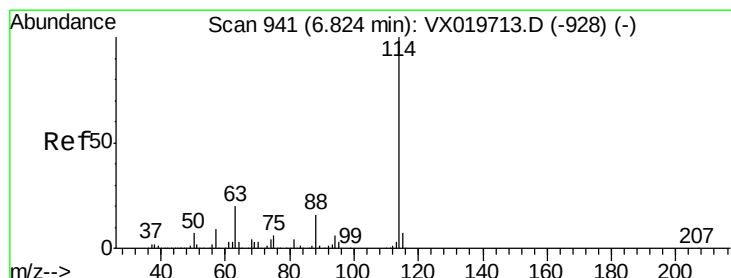
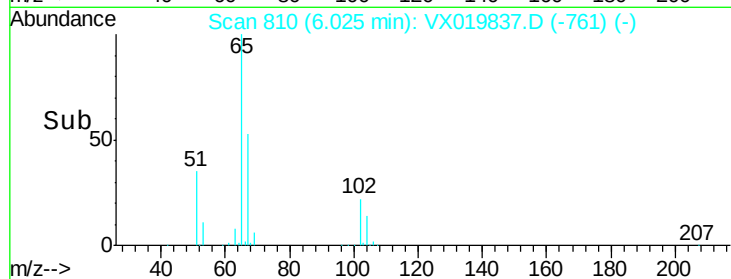
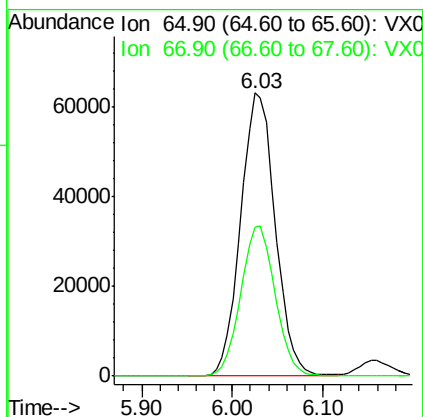
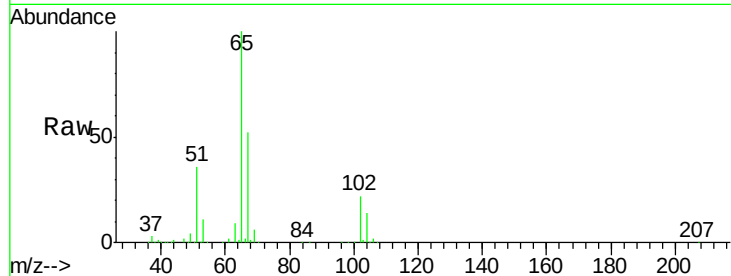




#33
 1,2-Dichloroethane-d4
 Concen: 48.152 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

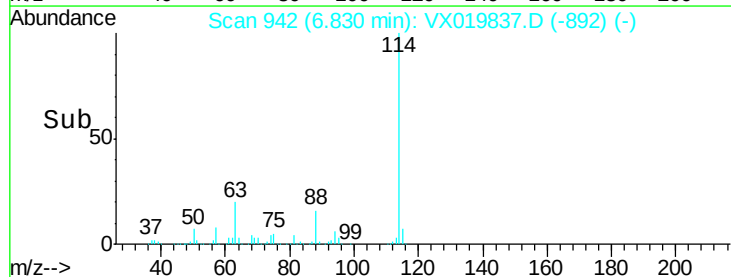
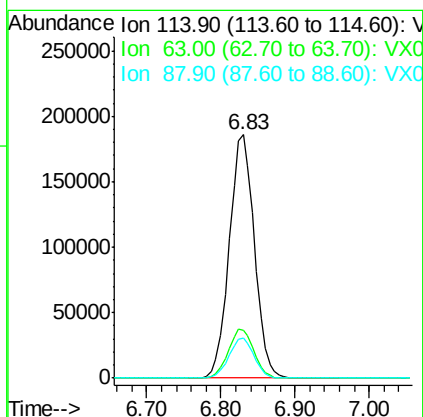
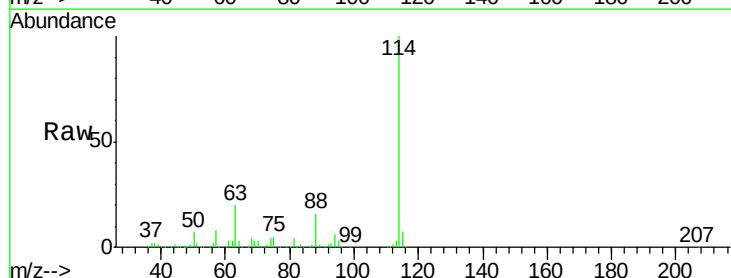
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

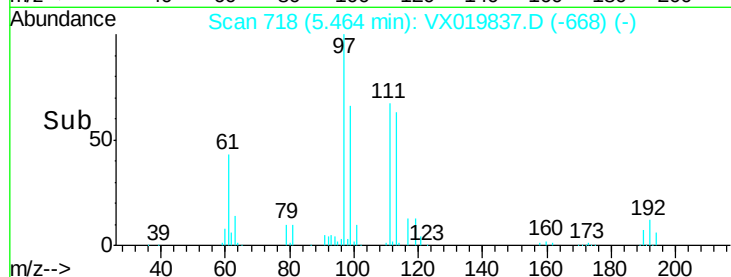
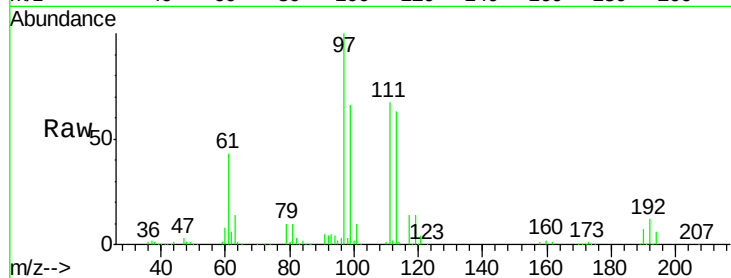
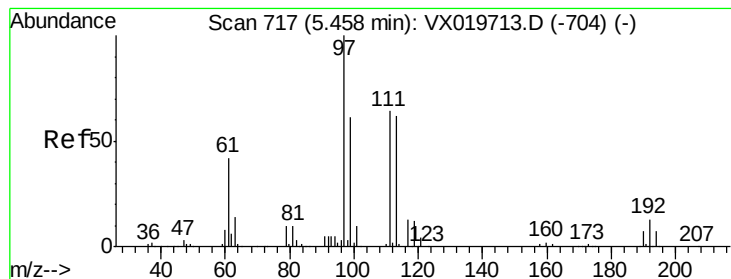
Tgt Ion: 65 Resp: 166974
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion: 114 Resp: 438974
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.745 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

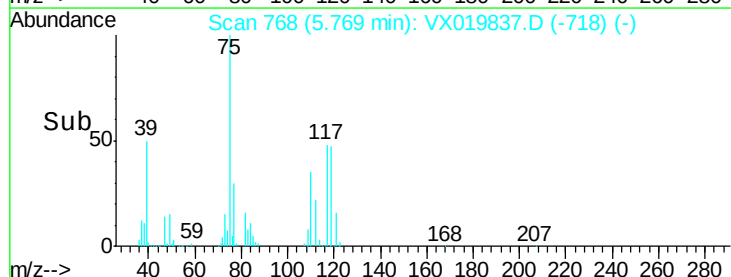
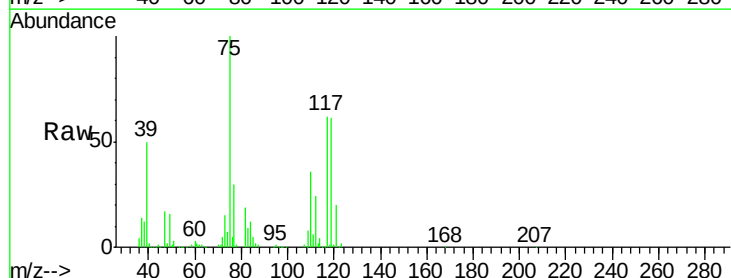
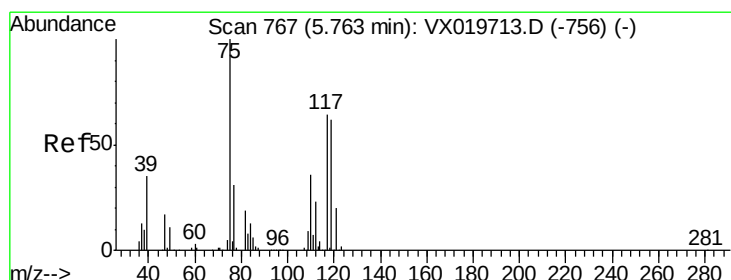
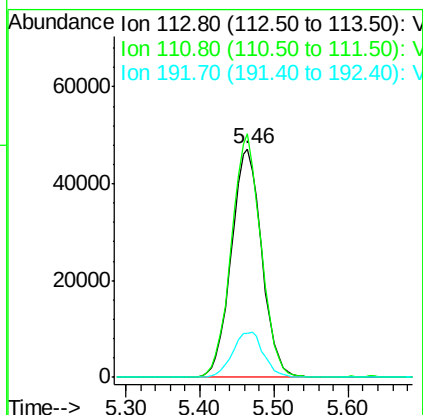
Tgt Ion:113 Resp: 135455

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 20.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 50.501 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

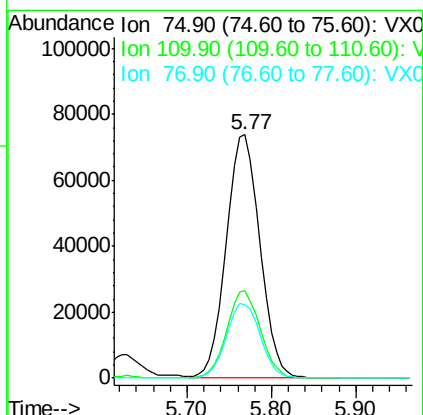
Tgt Ion: 75 Resp: 200323

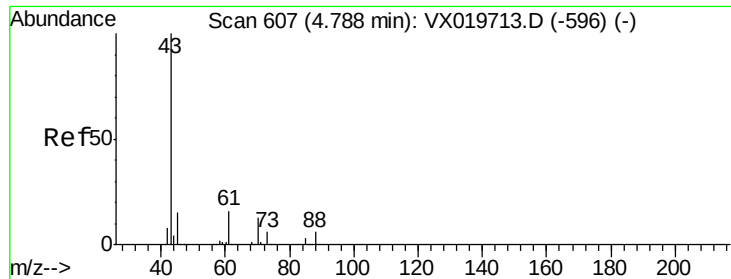
Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.4

77 31.2 25.3 37.9

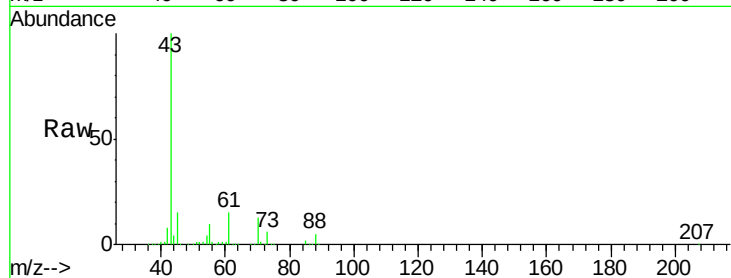




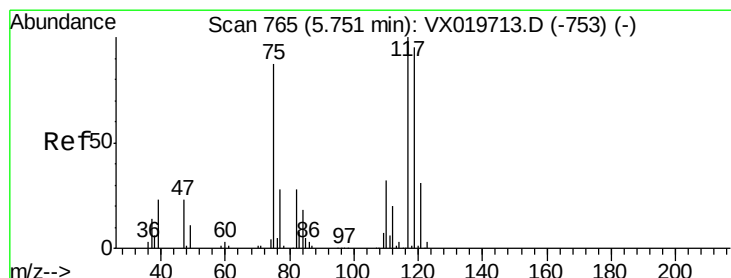
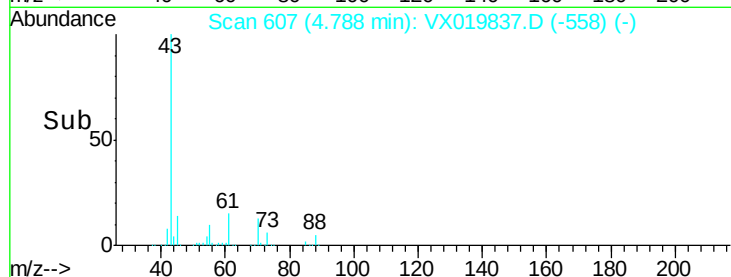
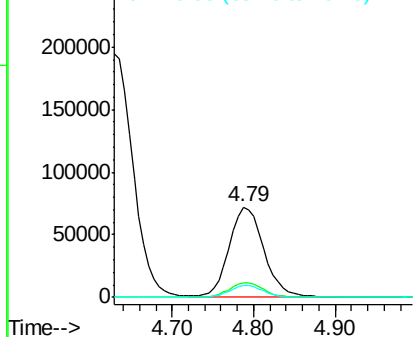
#37
Ethyl Acetate
Concen: 52.490 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 210227
Ion Ratio Lower Upper
43 100
61 15.9 12.8 19.2
70 13.0 10.5 15.7

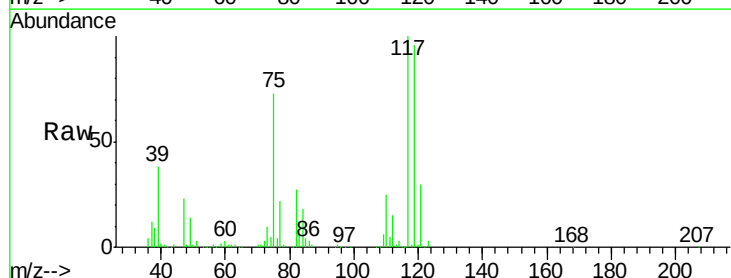


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

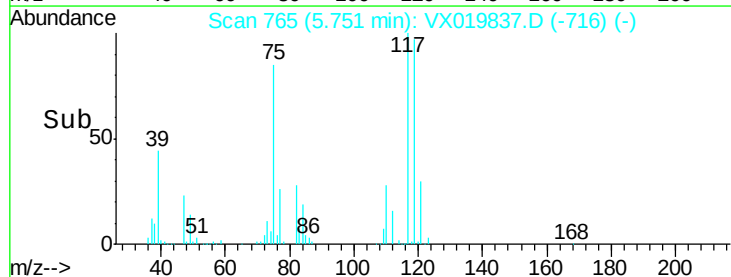
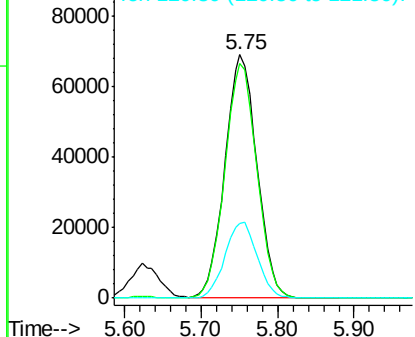


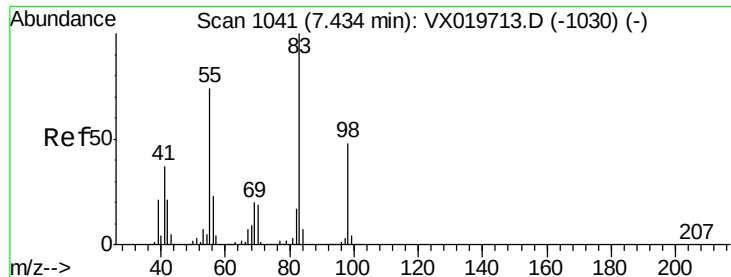
#38
Carbon Tetrachloride
Concen: 51.618 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 117 Resp: 200507
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2
121 30.5 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

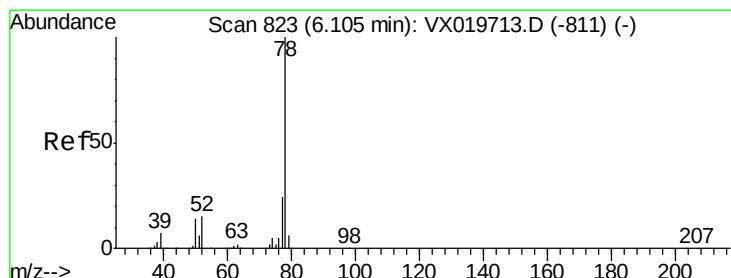
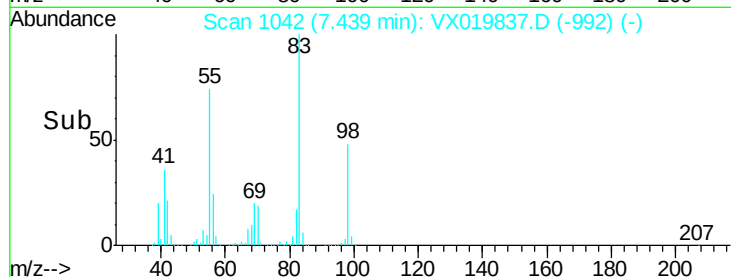
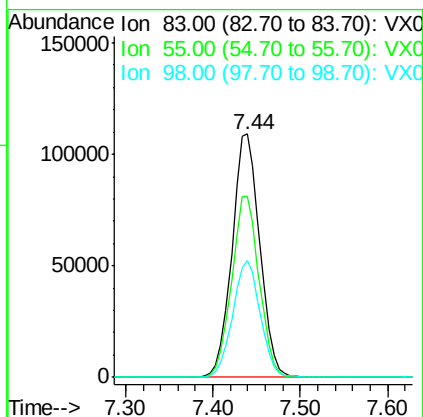
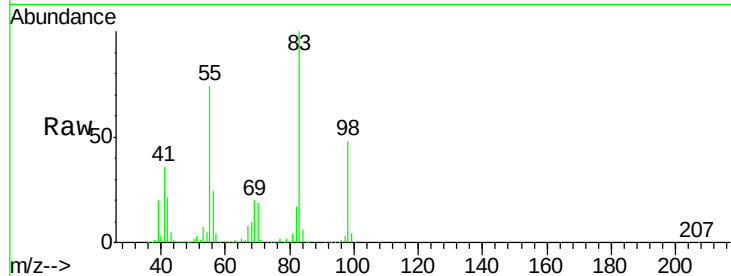




#39
Methylcyclohexane
Concen: 51.555 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

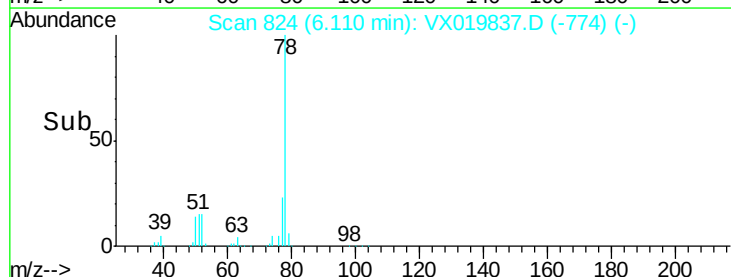
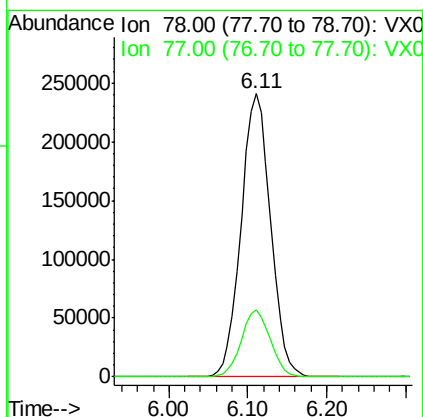
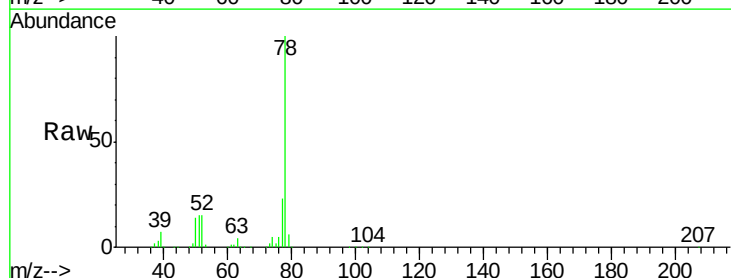
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

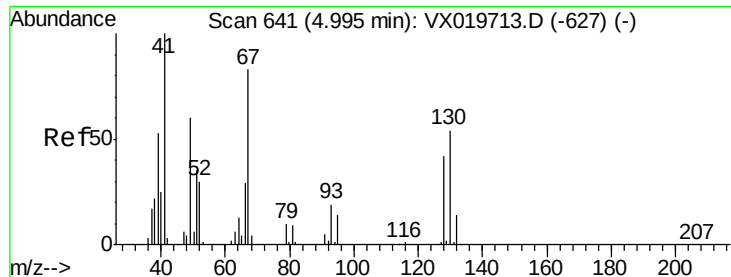
Tgt Ion: 83 Resp: 240270
Ion Ratio Lower Upper
83 100
55 74.3 58.9 88.3
98 48.1 38.1 57.1



#40
Benzene
Concen: 51.710 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 78 Resp: 626577
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

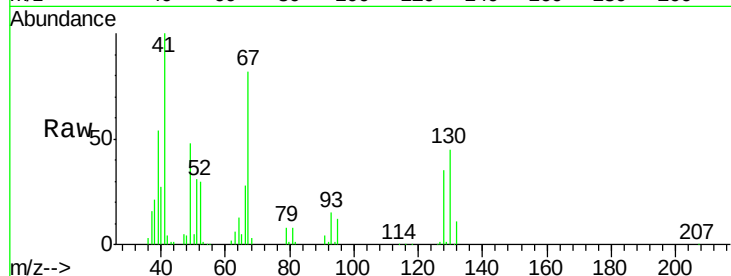




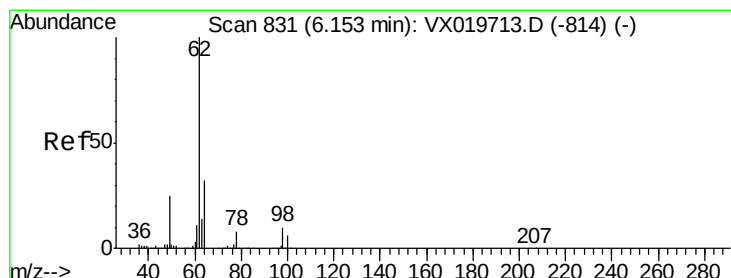
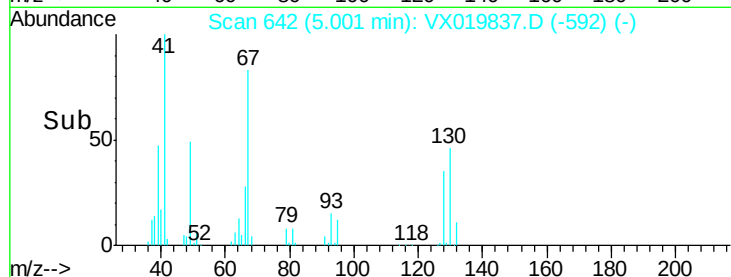
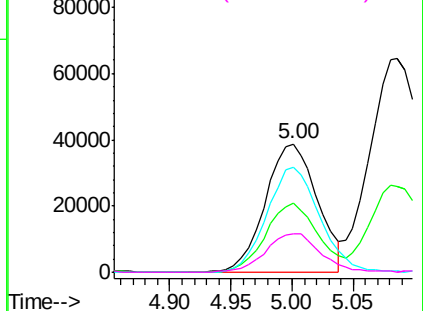
#41
Methacrylonitrile
Concen: 52.198 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	114782
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.5	63.7
67	83.3	65.0	97.6
52	31.6	25.3	37.9

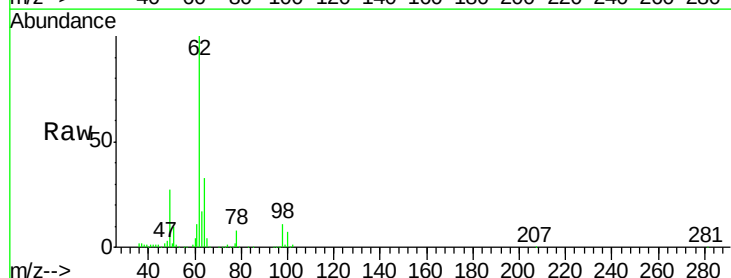


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

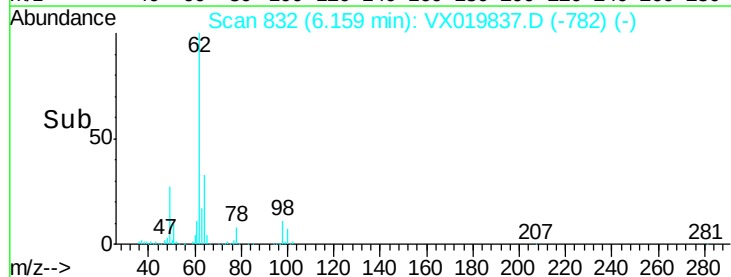
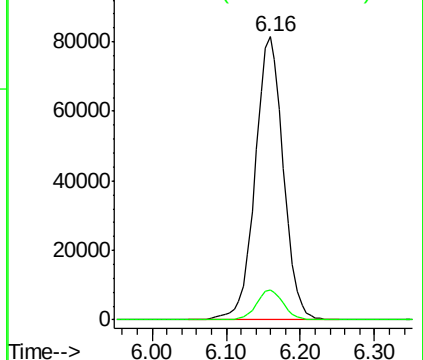


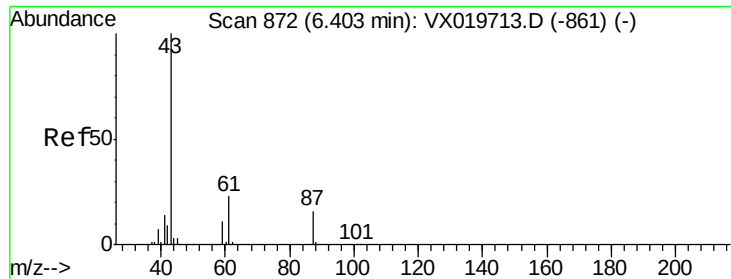
#42
1,2-Dichloroethane
Concen: 52.083 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion:	62	Resp:	215625
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 52.084 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

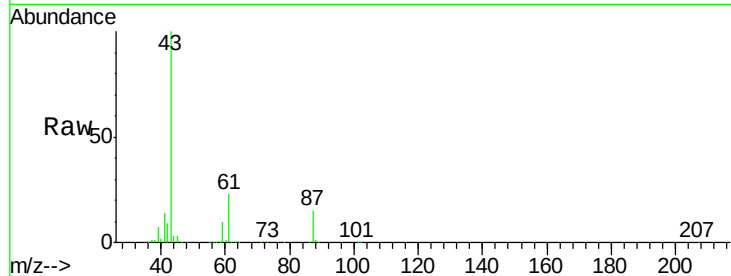
Tgt Ion: 43 Resp: 339138

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.4

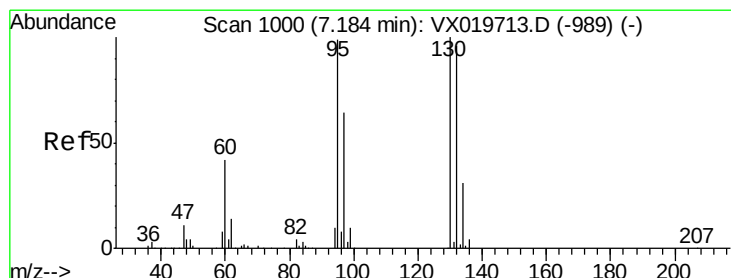
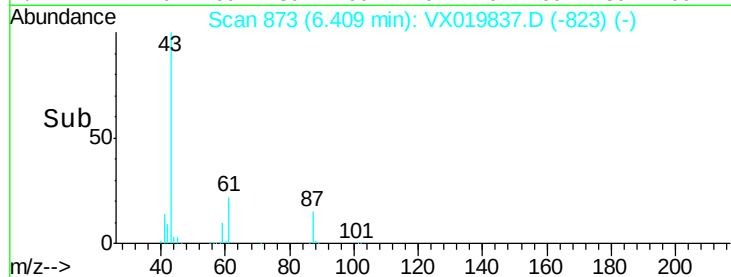
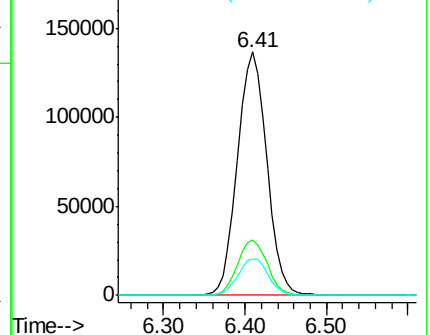
87 15.4 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.049 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019837.D

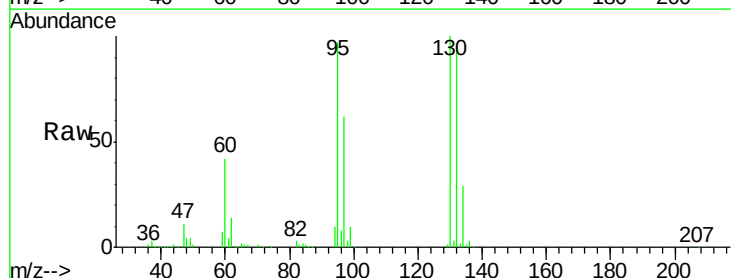
Acq: 10 Dec 2020 19:46

Tgt Ion: 130 Resp: 162299

Ion Ratio Lower Upper

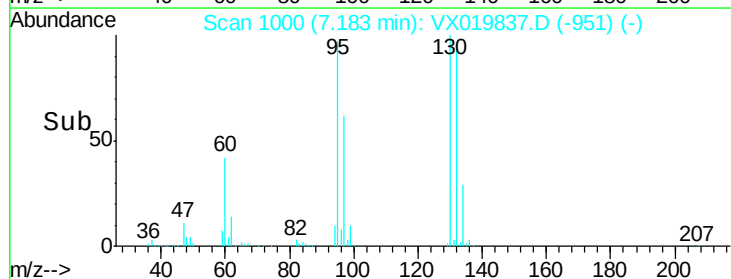
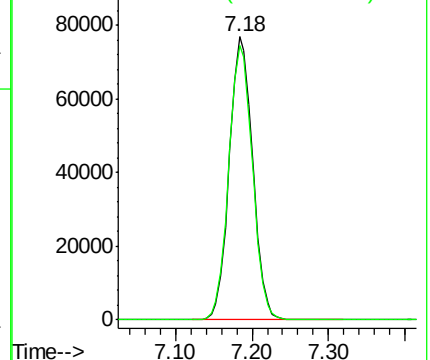
130 100

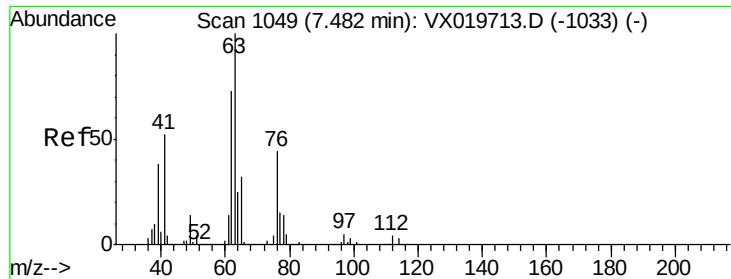
95 96.8 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.012 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

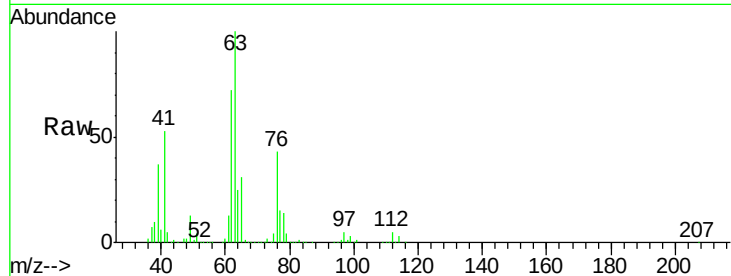
VSTDCCC050EC

Tgt Ion: 63 Resp: 160541

Ion Ratio Lower Upper

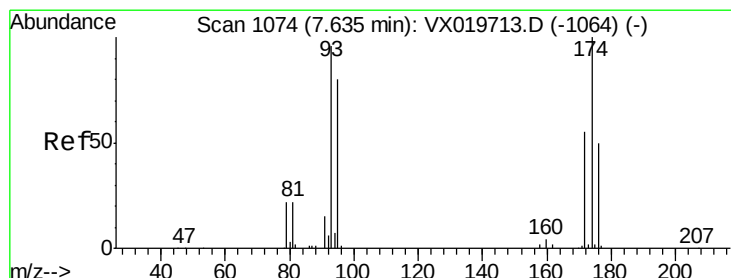
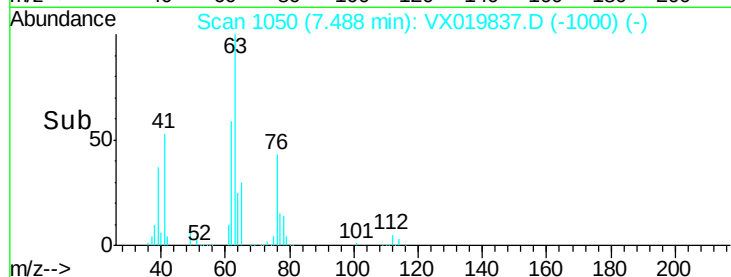
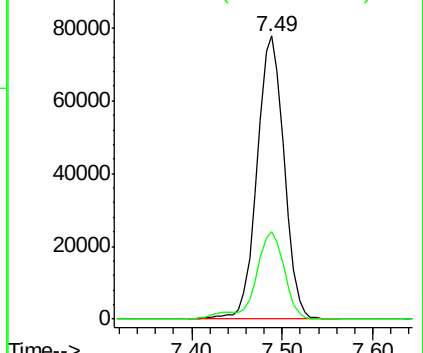
63 100

65 31.0 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.387 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

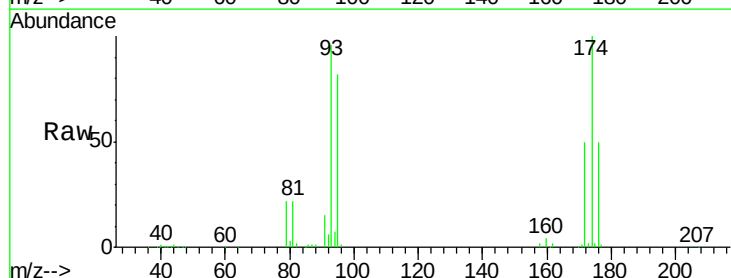
Tgt Ion: 93 Resp: 107138

Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

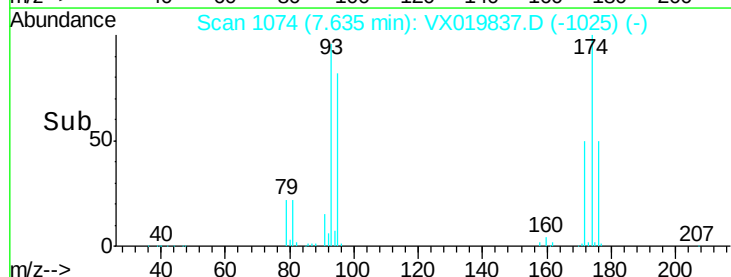
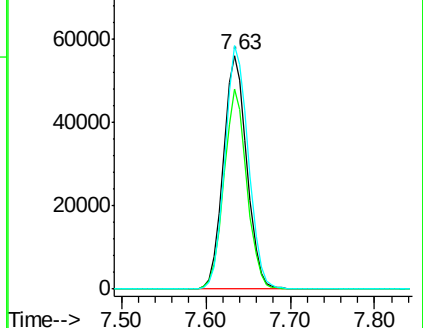
174 104.0 83.1 124.7

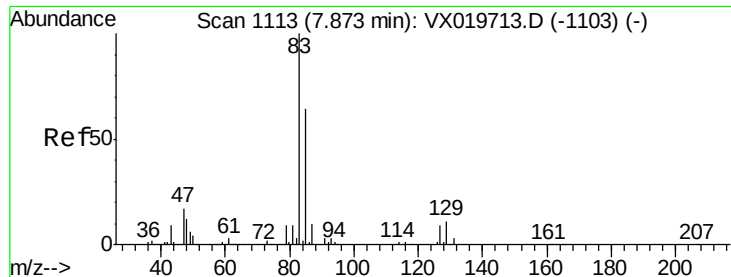


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.874 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

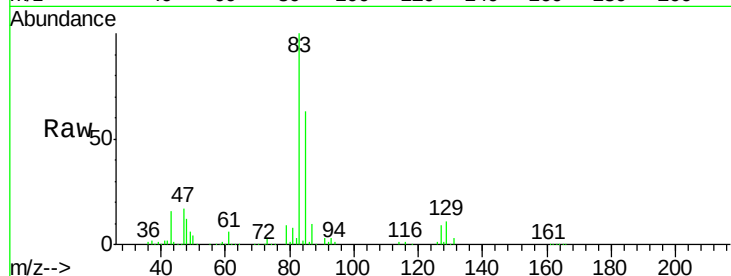
Tgt Ion: 83 Resp: 214573

Ion Ratio Lower Upper

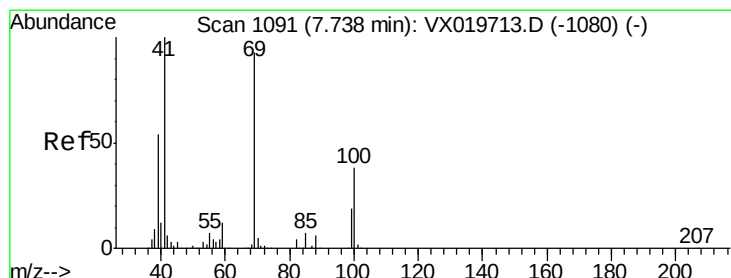
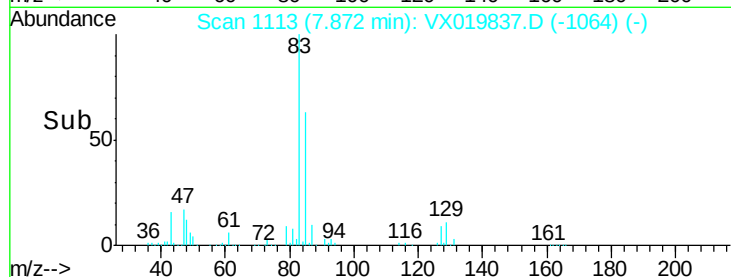
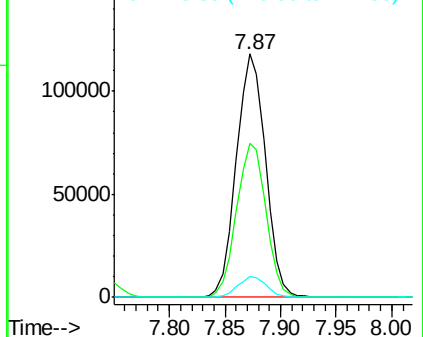
83 100

85 63.2 51.4 77.0

127 8.7 6.8 10.2



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: 52.558 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

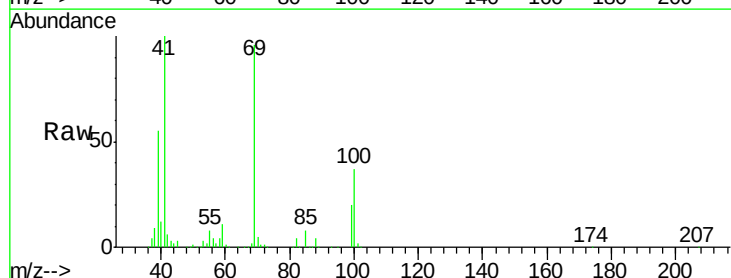
Tgt Ion: 41 Resp: 168310

Ion Ratio Lower Upper

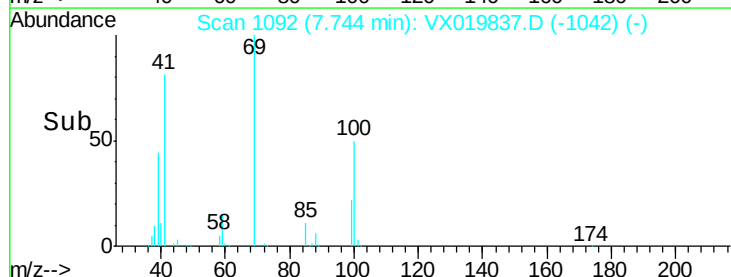
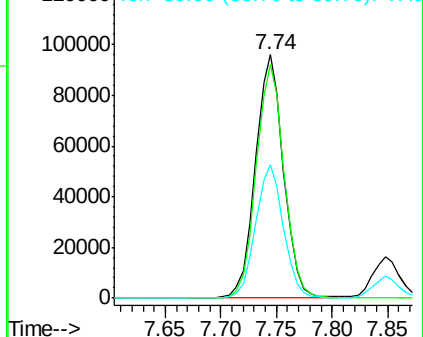
41 100

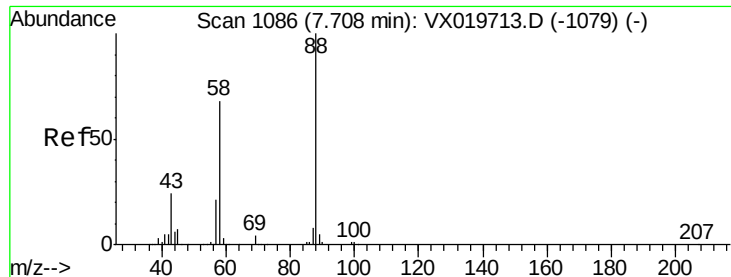
69 95.8 76.0 114.0

39 54.8 44.6 67.0



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

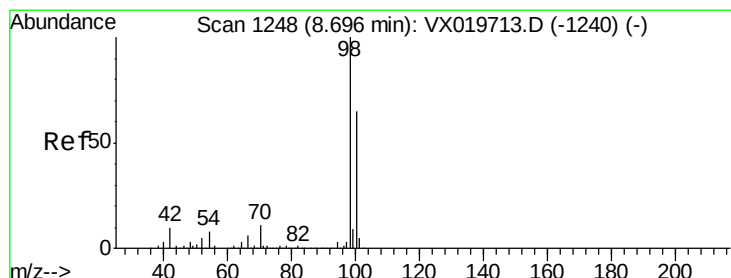
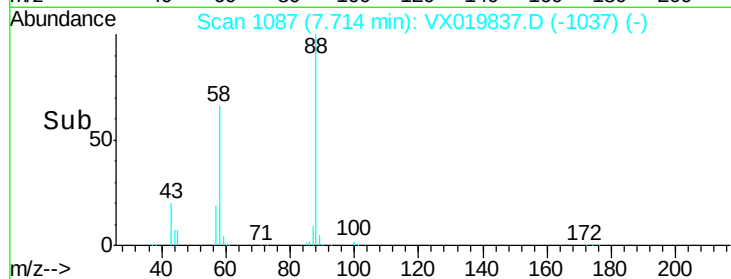
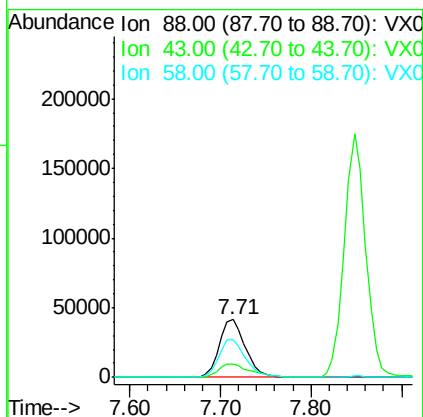
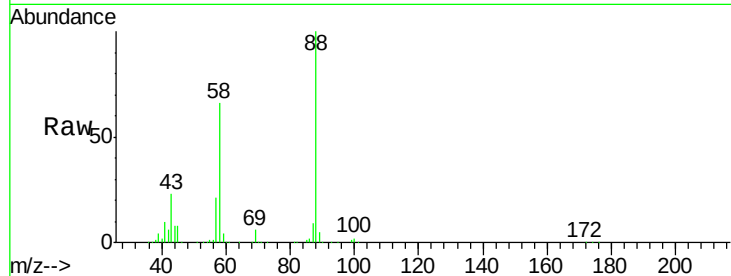




#49
1,4-Dioxane
Concen: 1076.096 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

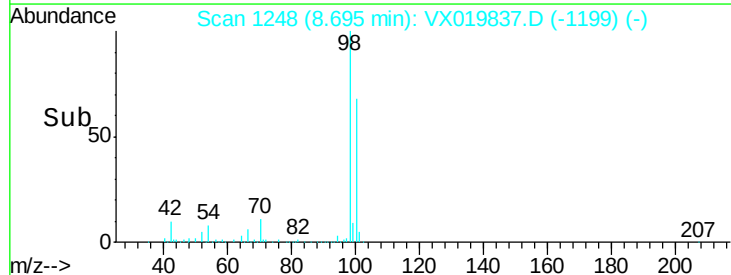
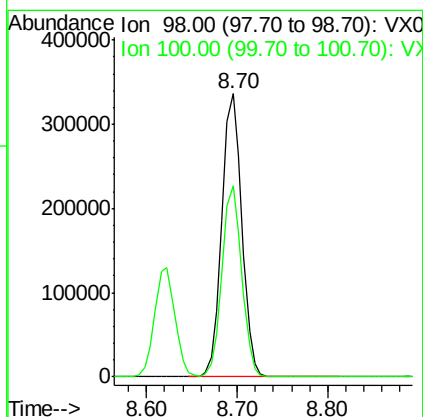
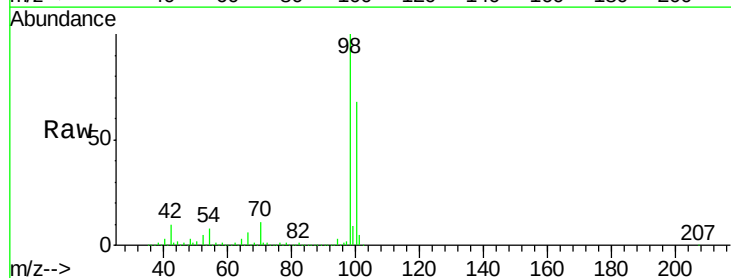
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

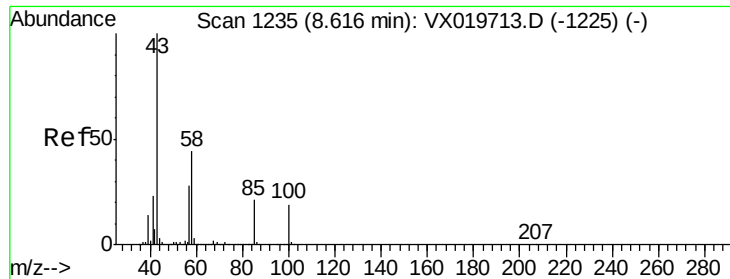
Tgt Ion: 88 Resp: 83480
Ion Ratio Lower Upper
88 100
43 27.4 23.2 34.8
58 68.1 55.0 82.4



#50
Toluene-d8
Concen: 47.831 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 98 Resp: 518056
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

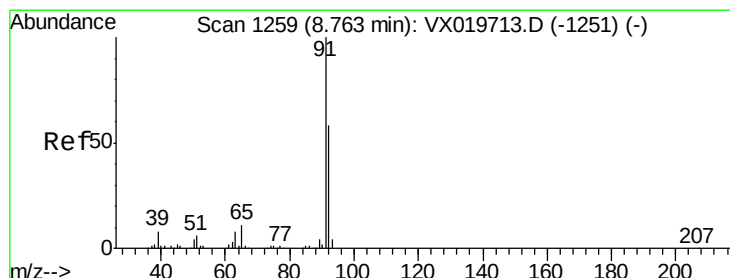
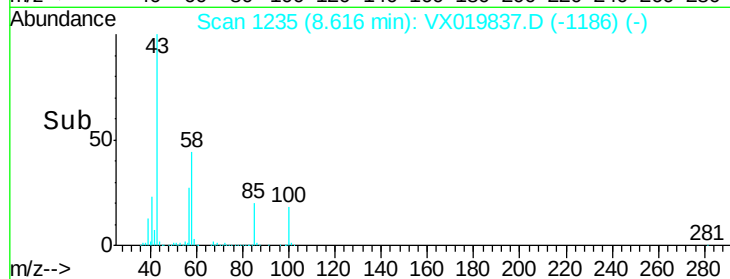
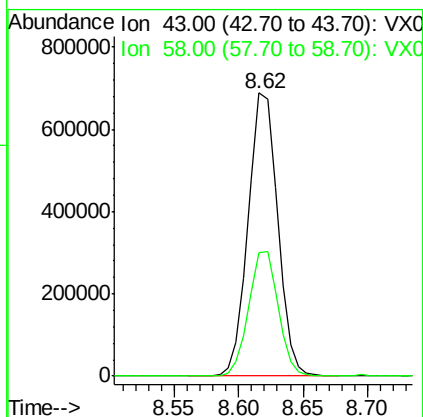
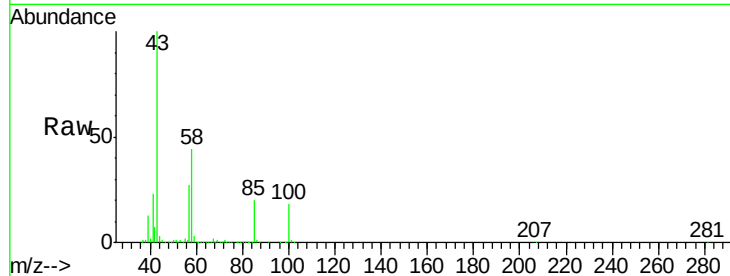




#51
 4-Methyl-2-Pentanone
 Concen: 273.410 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

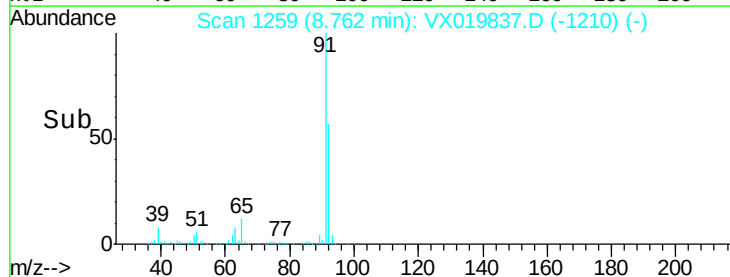
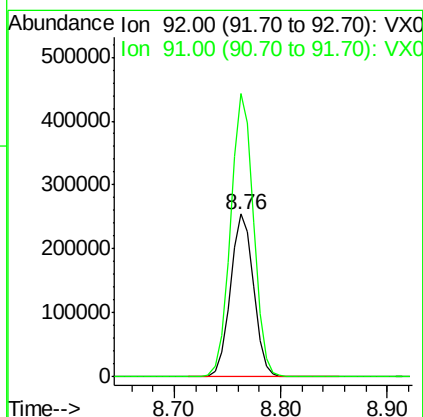
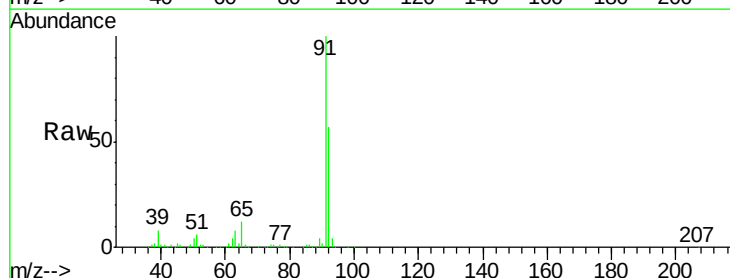
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

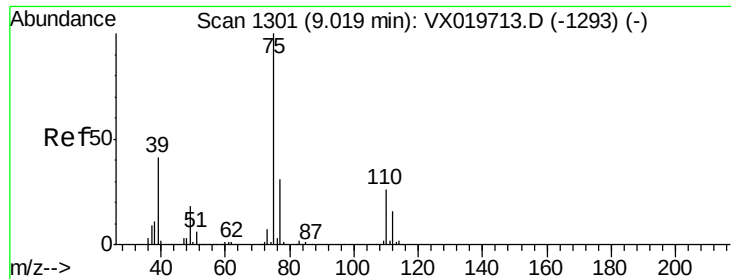
Tgt Ion: 43 Resp: 1086922
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.4 53.0



#52
 Toluene
 Concen: 51.323 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion: 92 Resp: 388951
 Ion Ratio Lower Upper
 92 100
 91 171.9 137.1 205.7

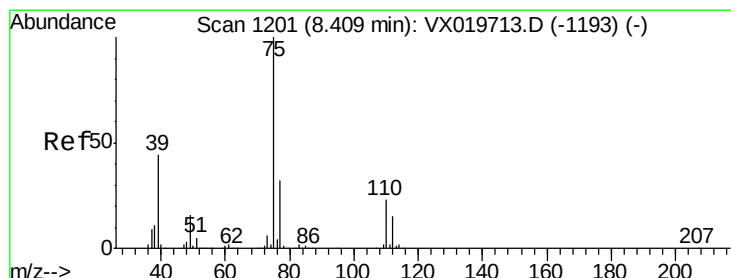
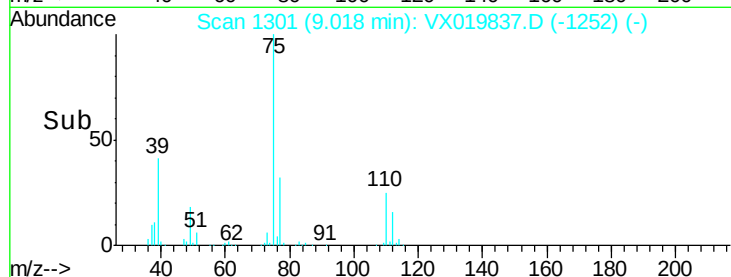
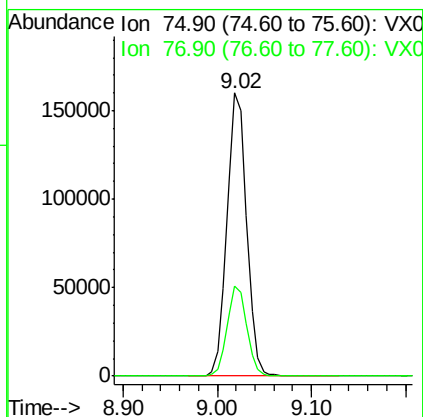
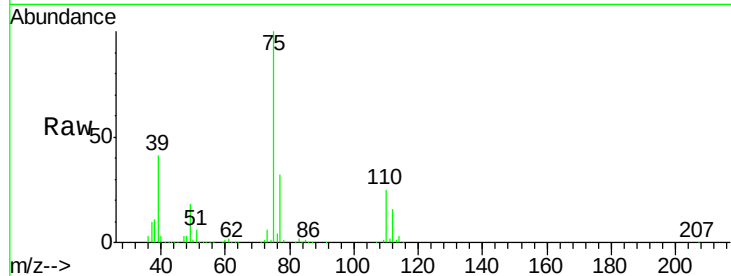




#53
t-1,3-Dichloropropene
Concen: 51.531 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

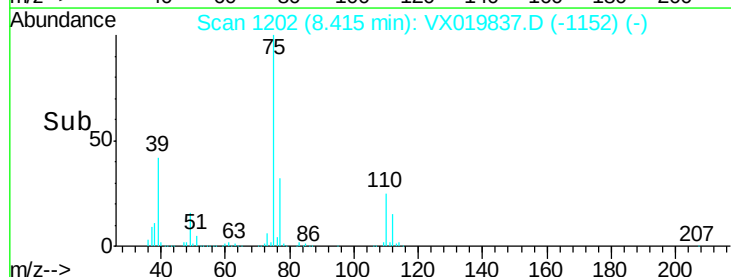
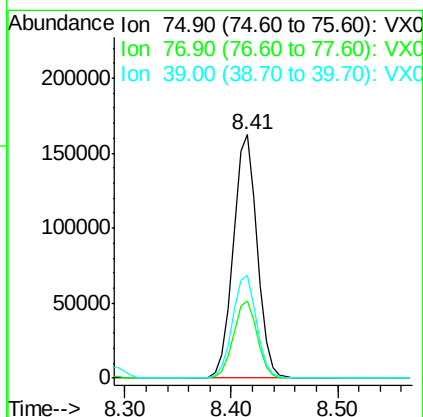
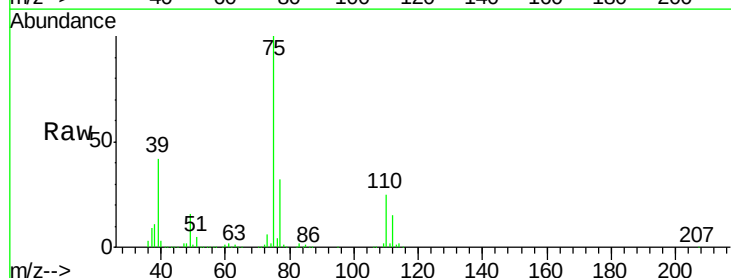
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

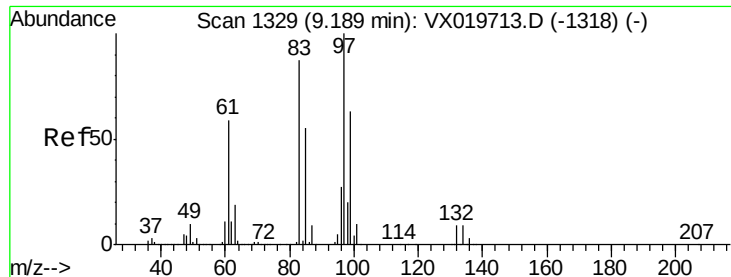
Tgt Ion: 75 Resp: 232060
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 52.081 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 75 Resp: 254805
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 42.4 35.1 52.7

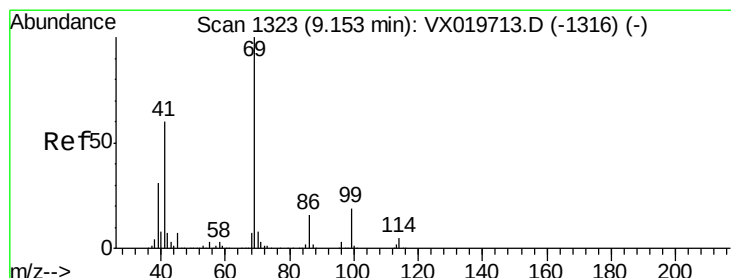
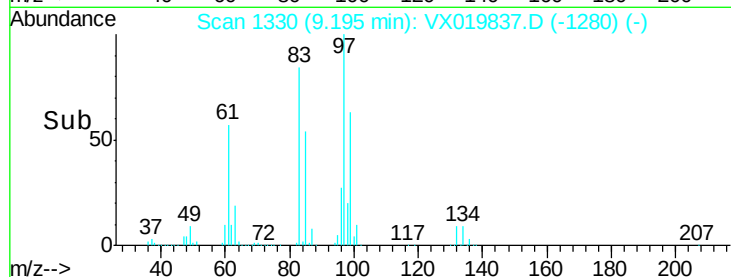
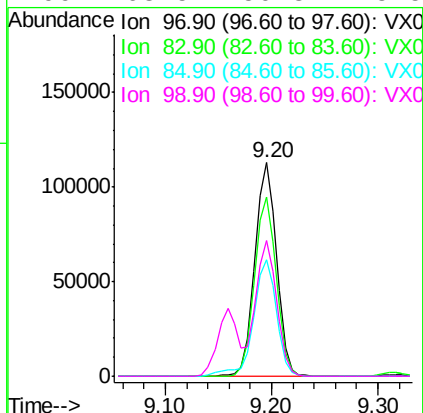
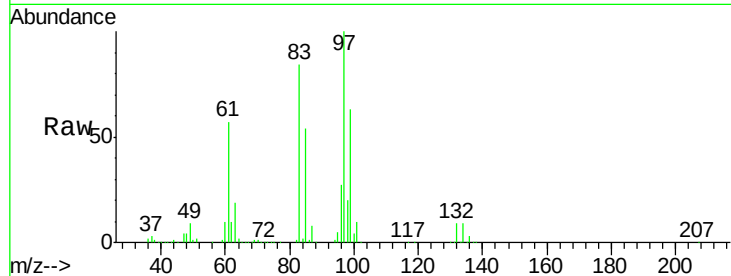




#55
 1,1,2-Trichloroethane
 Concen: 53.460 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

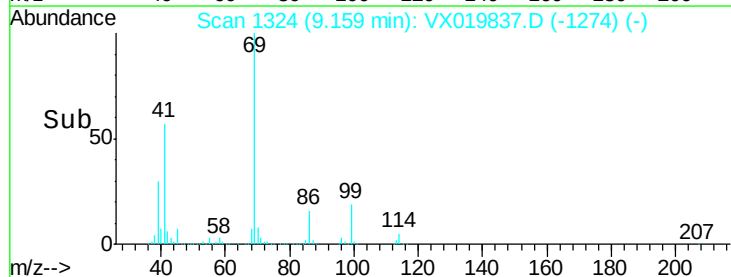
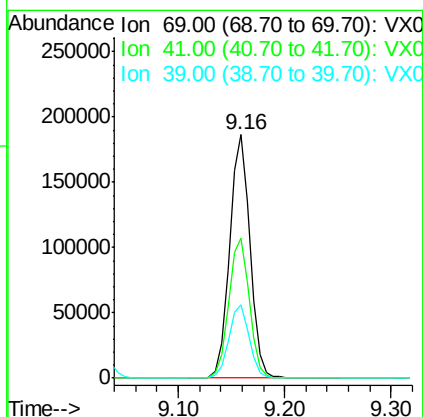
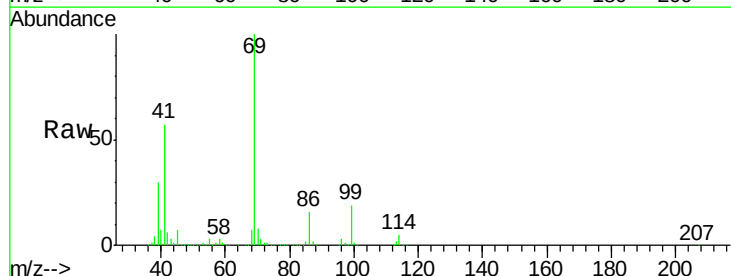
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

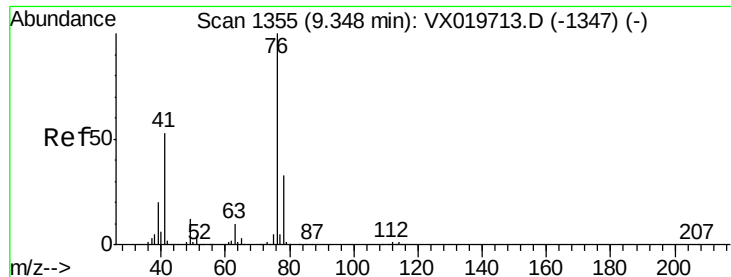
Tgt Ion:	97	Resp:	163271
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.3	103.9
85	54.5	44.3	66.5
99	63.5	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 54.111 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion:	69	Resp:	250031
Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.8	70.2
39	30.1	24.7	37.1

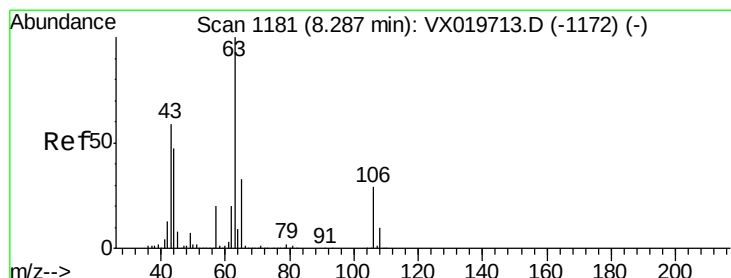
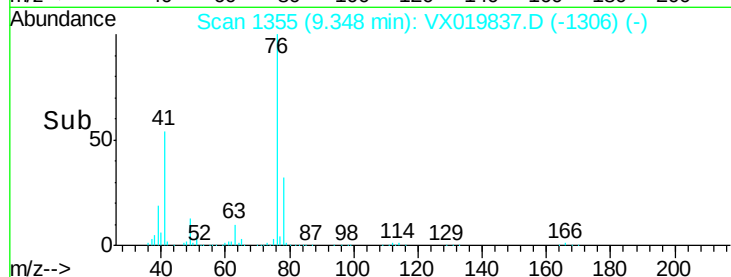
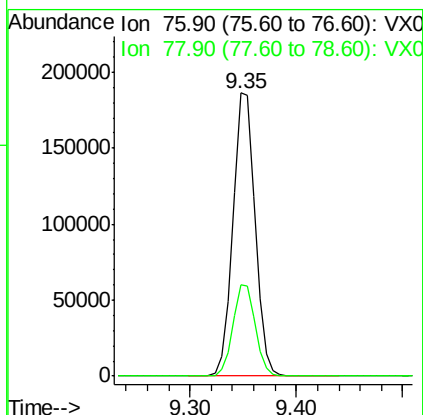
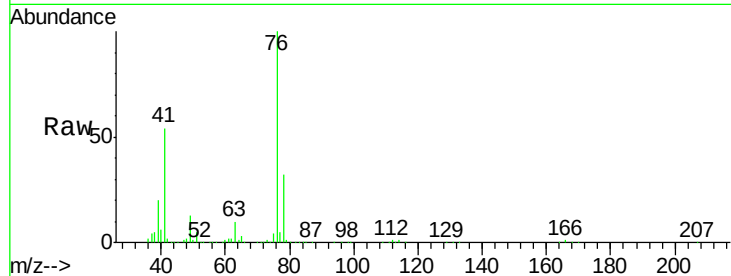




#57
 1,3-Dichloropropane
 Concen: 52.367 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

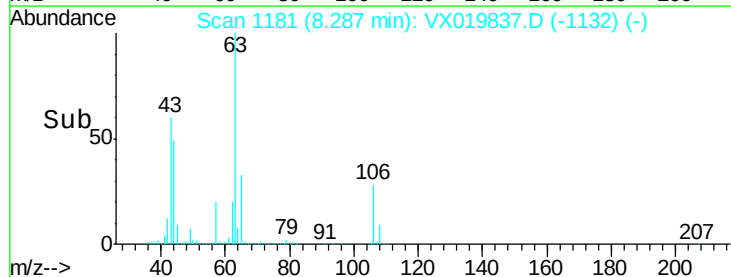
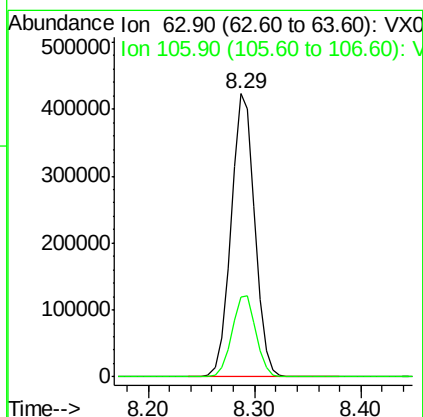
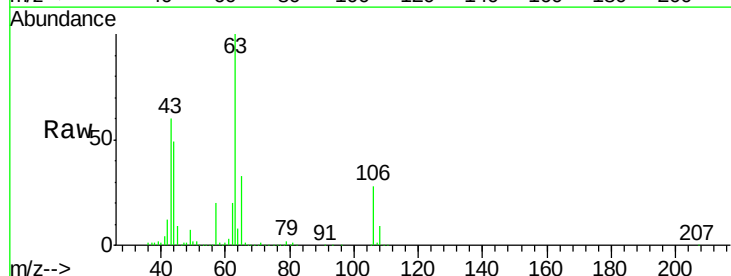
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

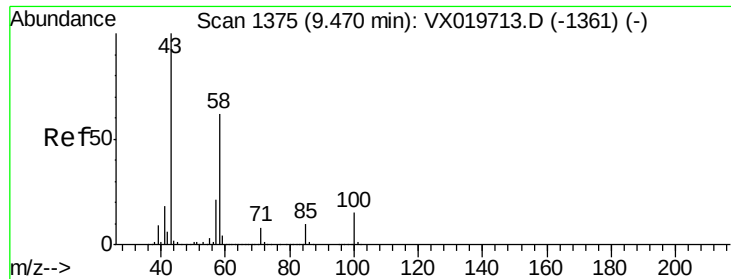
Tgt Ion: 76 Resp: 273085
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.355 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion: 63 Resp: 659340
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.5 35.3

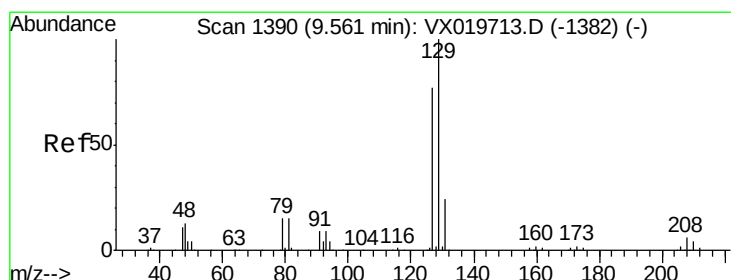
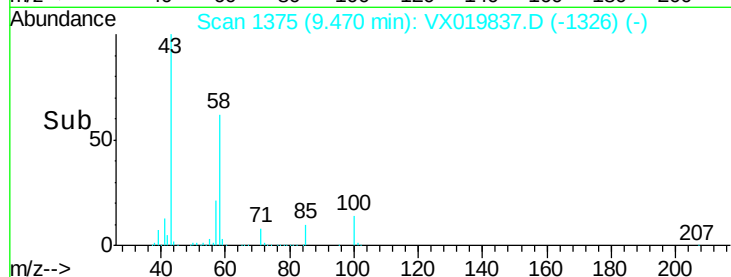
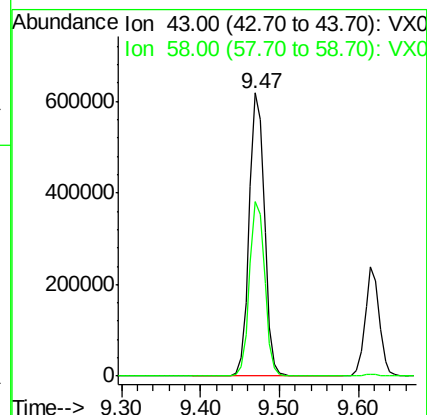
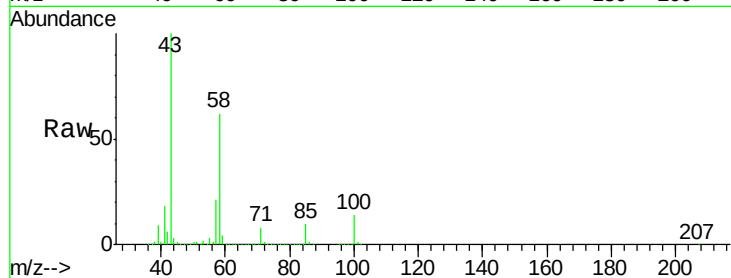




#59
2-Hexanone
Concen: 269.464 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

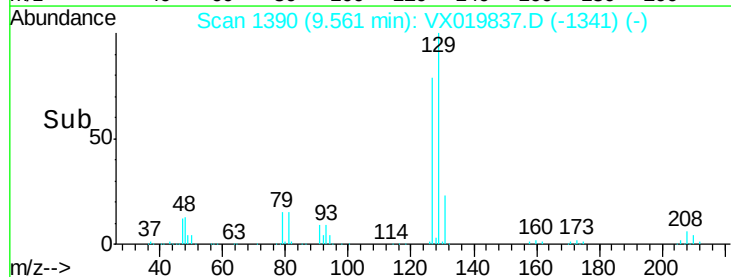
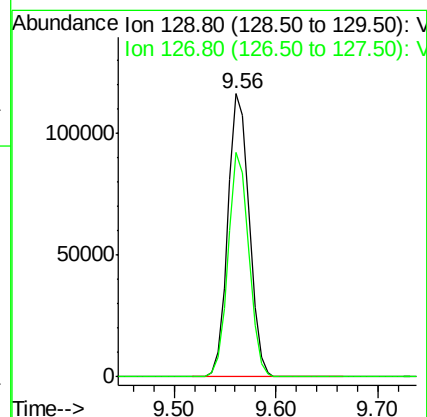
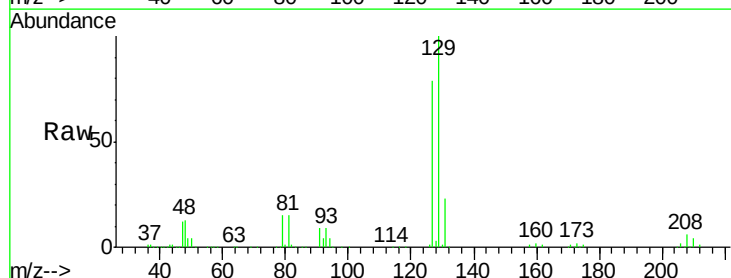
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

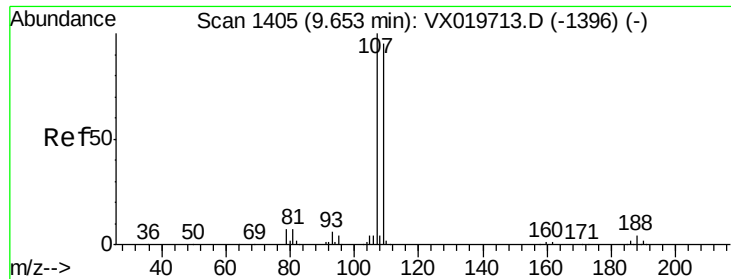
Tgt Ion: 43 Resp: 830349
Ion Ratio Lower Upper
43 100
58 61.9 30.9 92.8



#60
Dibromochloromethane
Concen: 54.447 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion: 129 Resp: 168942
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.417 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

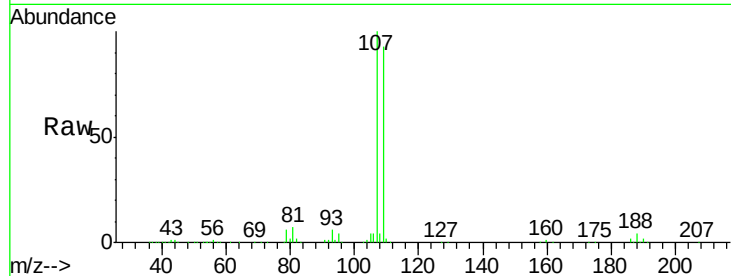
VSTDCCC050EC

Tgt Ion: 107 Resp: 169989

Ion Ratio Lower Upper

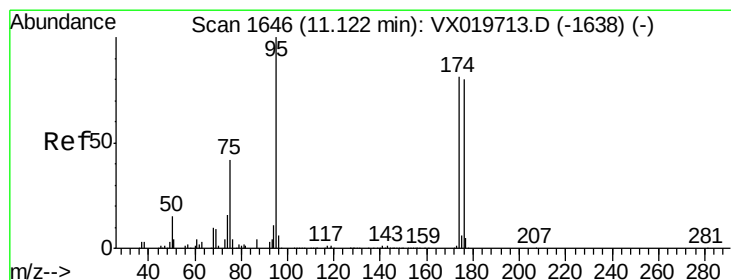
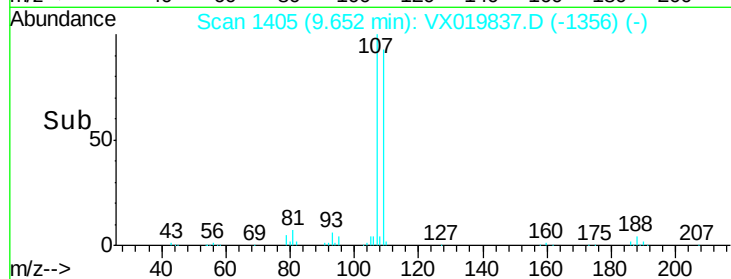
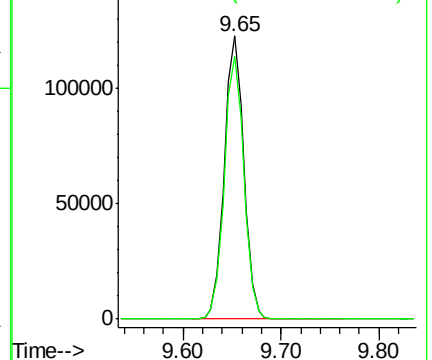
107 100

109 93.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.265 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

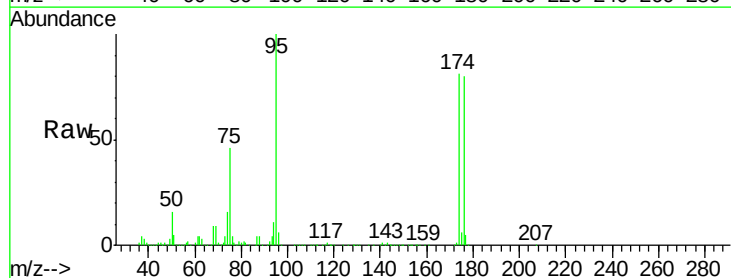
Tgt Ion: 95 Resp: 198971

Ion Ratio Lower Upper

95 100

174 78.5 0.0 154.6

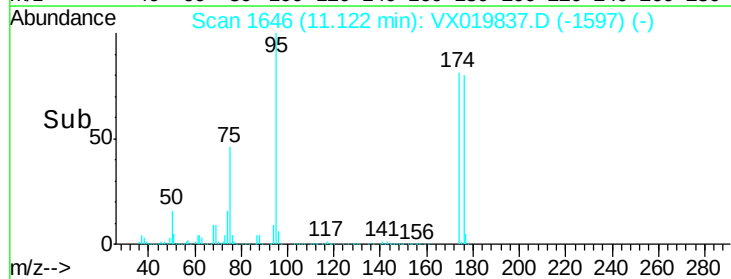
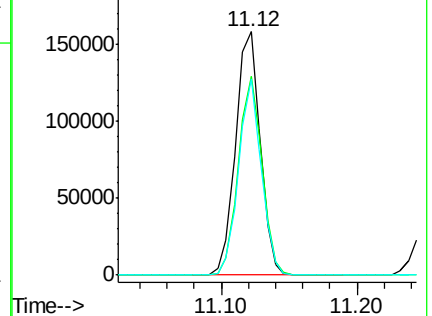
176 74.5 0.0 155.8

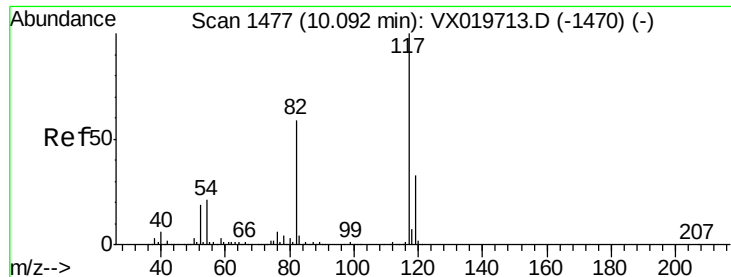


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

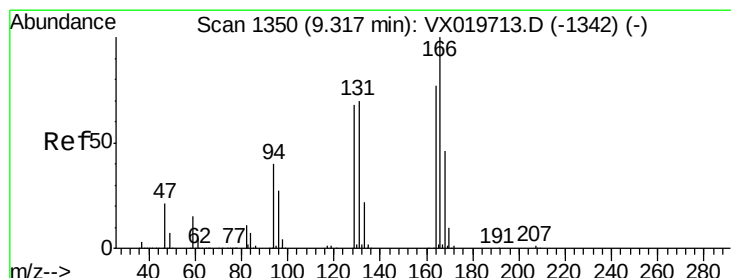
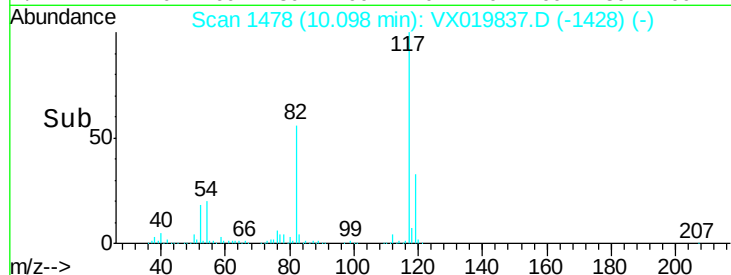
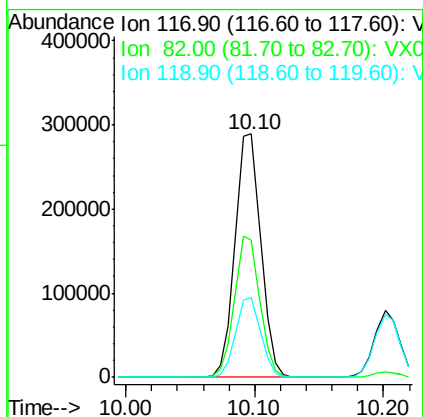
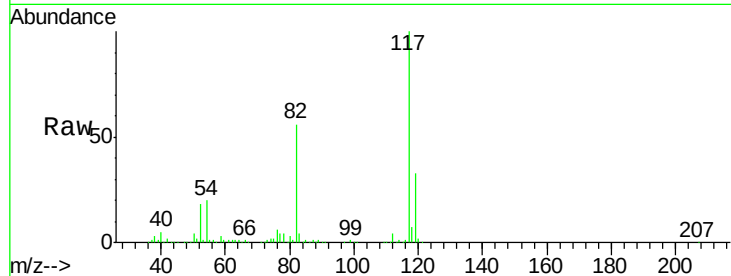




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

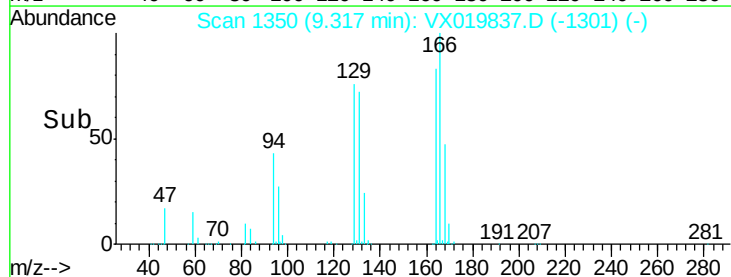
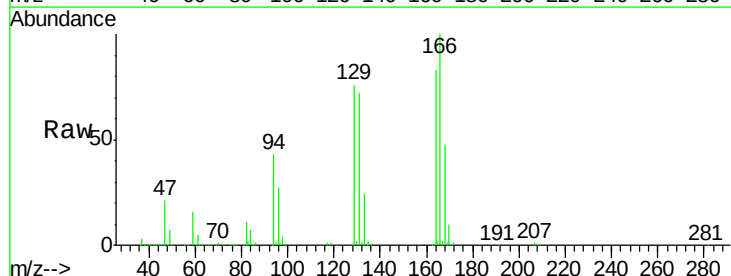
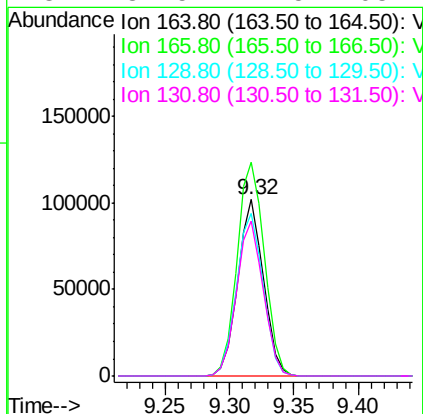
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

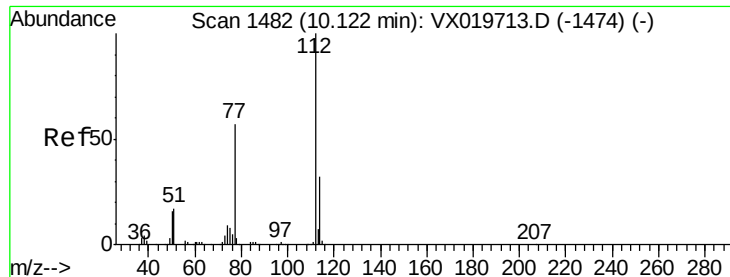
Tgt Ion:117 Resp: 404959
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 51.769 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion:164 Resp: 140591
Ion Ratio Lower Upper
164 100
166 121.0 103.4 155.2
129 92.0 70.8 106.2
131 87.5 72.5 108.7

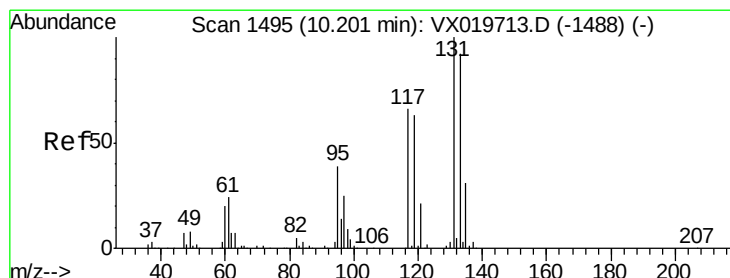
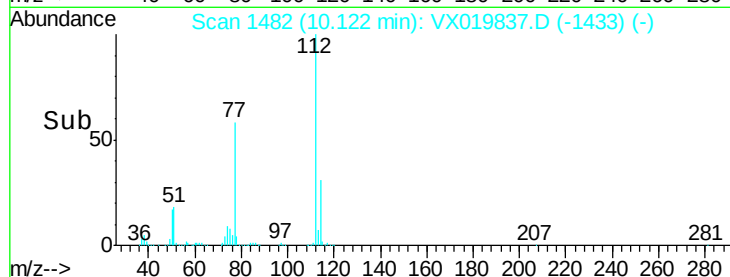
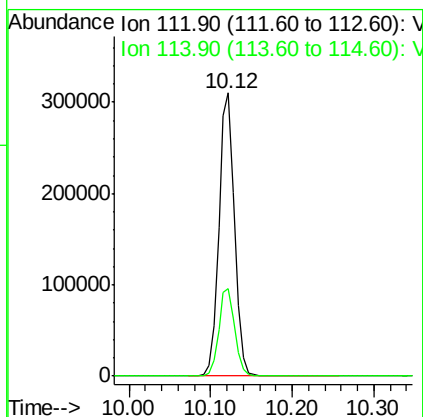
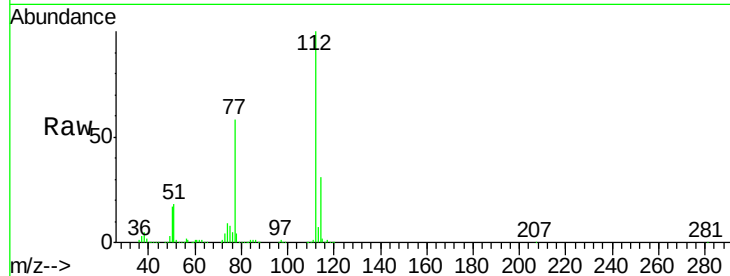




#65
Chlorobenzene
Concen: 51.450 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

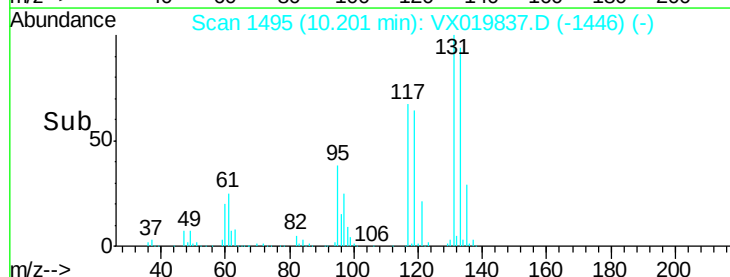
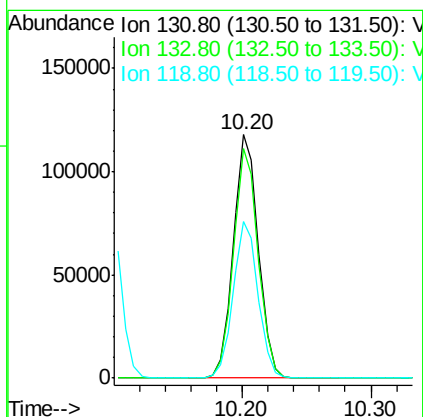
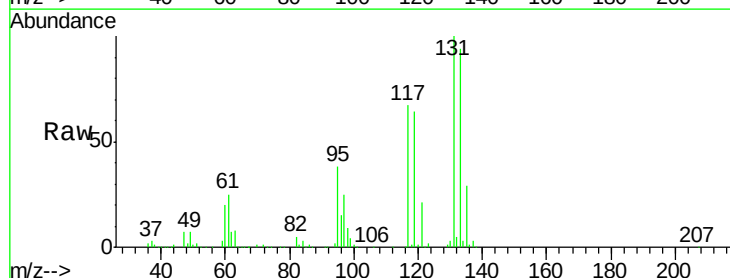
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

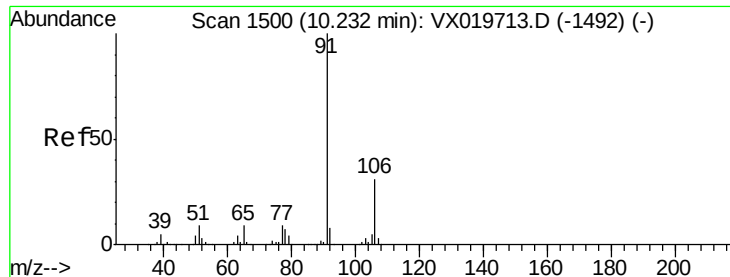
Tgt Ion:112 Resp: 415093
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.831 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion:131 Resp: 159223
Ion Ratio Lower Upper
131 100
133 93.3 47.7 143.1
119 64.1 32.1 96.5





#67

Ethyl Benzene

Concen: 52.435 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

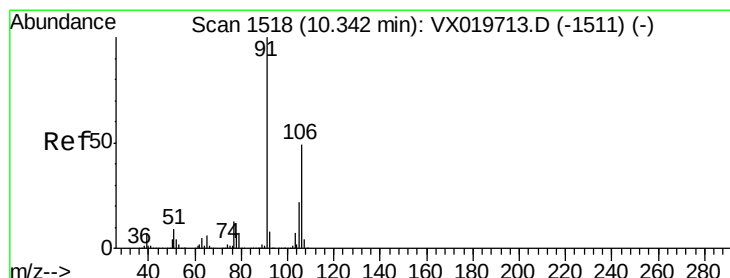
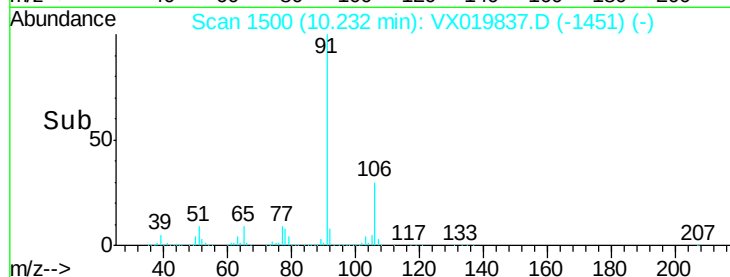
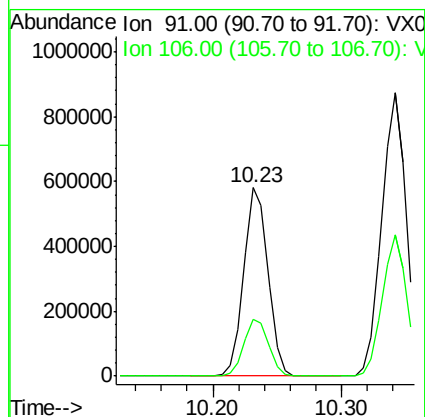
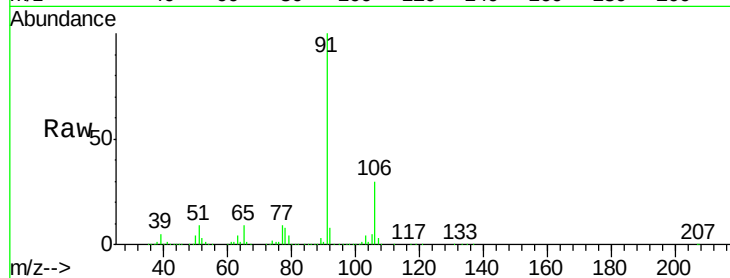
VSTDCCC050EC

Tgt Ion: 91 Resp: 750913

Ion Ratio Lower Upper

91 100

106 30.3 24.6 37.0



#68

m/p-Xylenes

Concen: 105.388 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019837.D

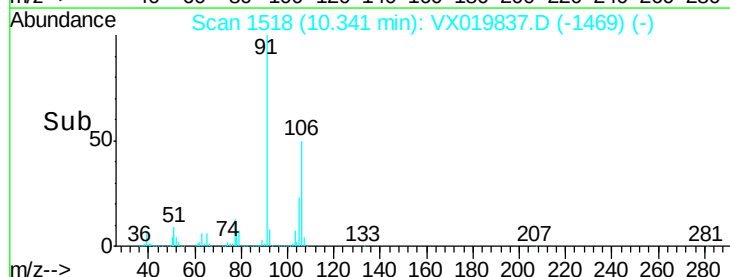
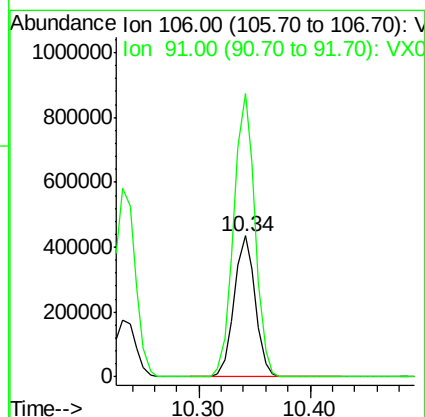
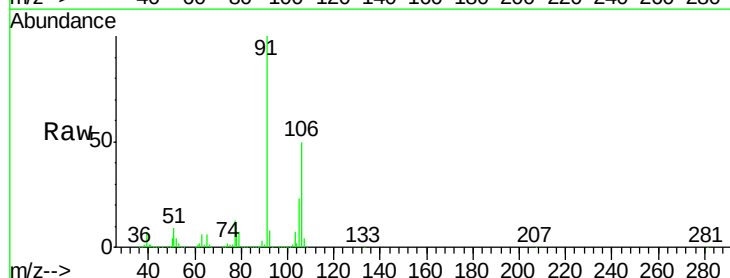
Acq: 10 Dec 2020 19:46

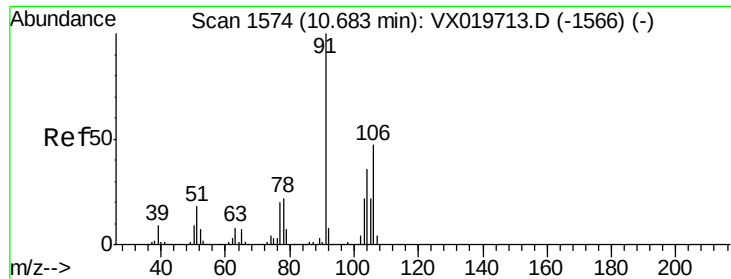
Tgt Ion: 106 Resp: 568706

Ion Ratio Lower Upper

106 100

91 202.3 162.8 244.2

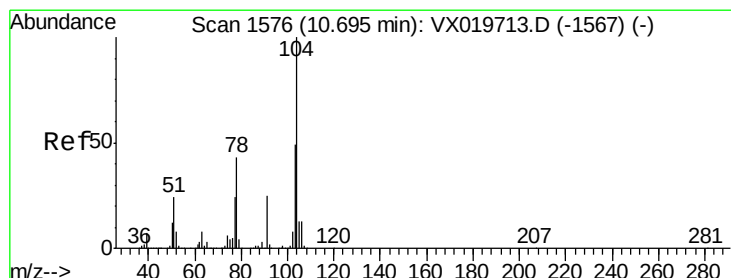
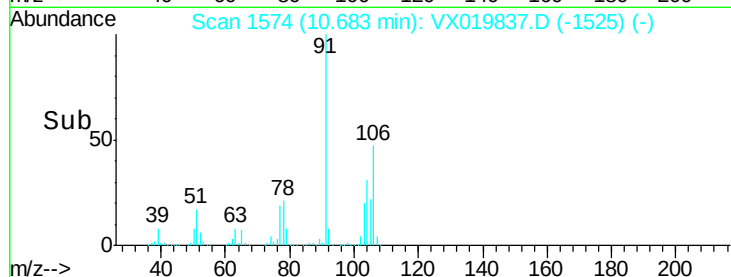
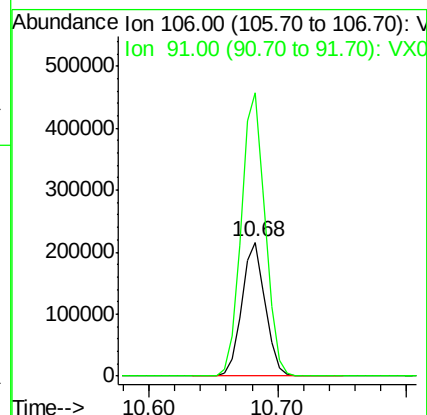
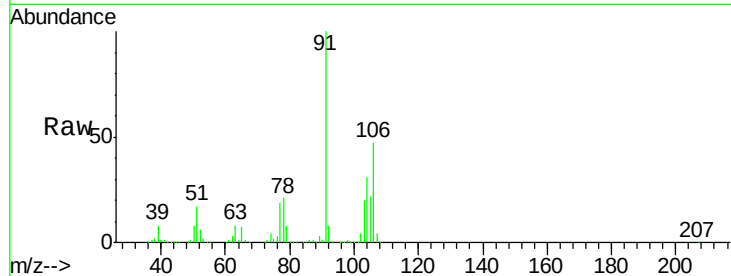




#69
o-Xylene
Concen: 52.336 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

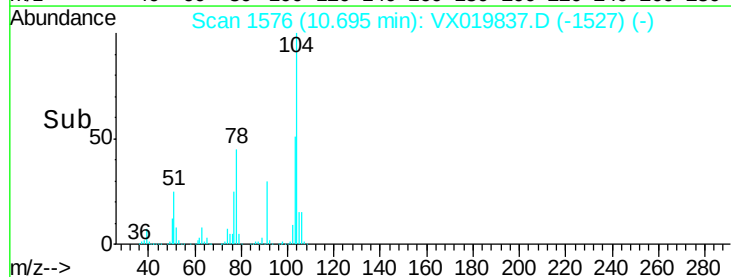
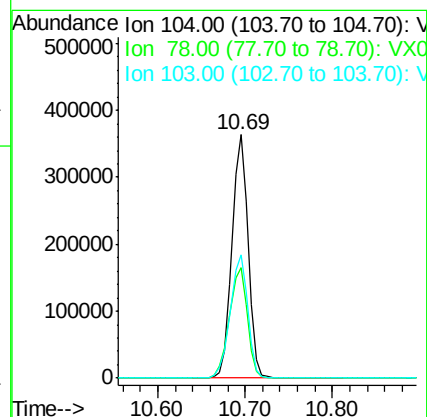
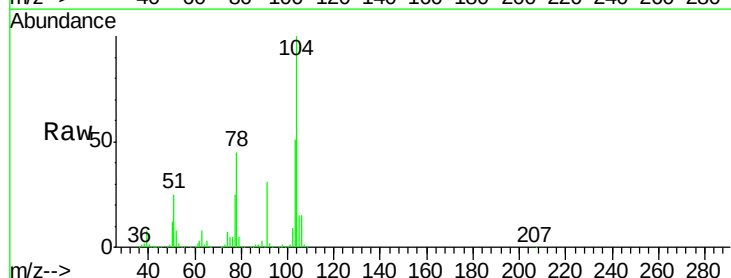
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

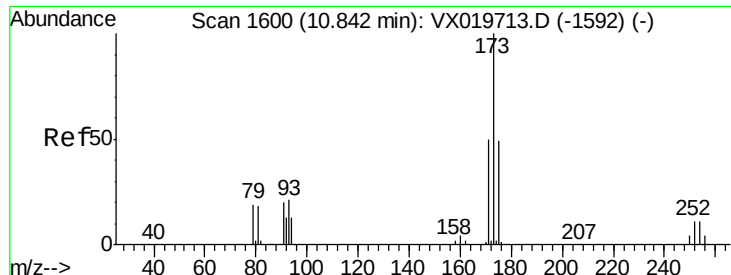
Tgt Ion:106 Resp: 271677
Ion Ratio Lower Upper
106 100
91 215.7 108.1 324.2



#70
Styrene
Concen: 53.182 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion:104 Resp: 465971
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 54.8 43.4 65.0





#71

Bromoform

Concen: 53.429 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

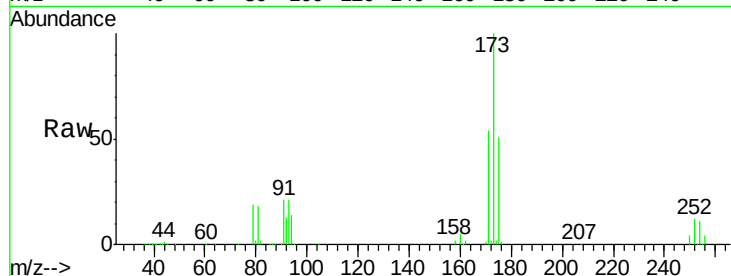
Tgt Ion:173 Resp: 122054

Ion Ratio Lower Upper

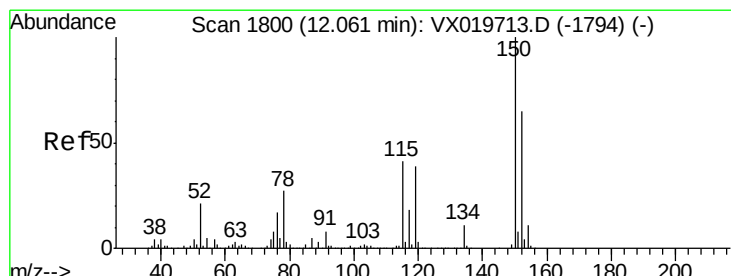
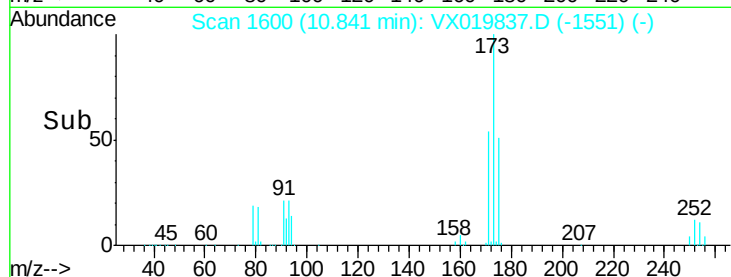
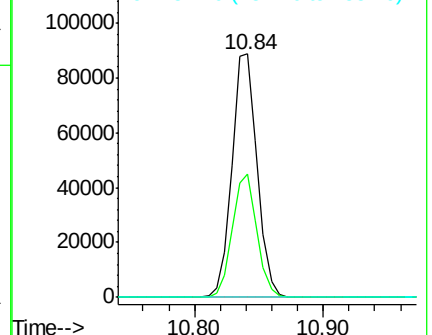
173 100

175 49.2 23.9 71.8

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

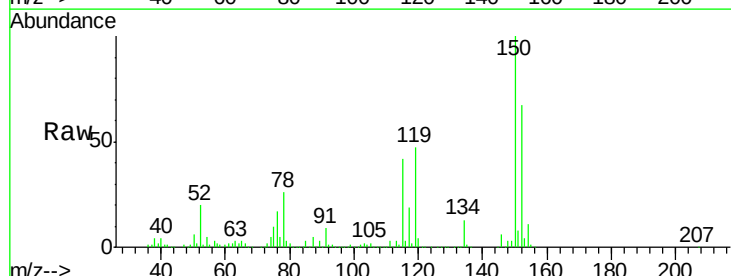
Tgt Ion:152 Resp: 208490

Ion Ratio Lower Upper

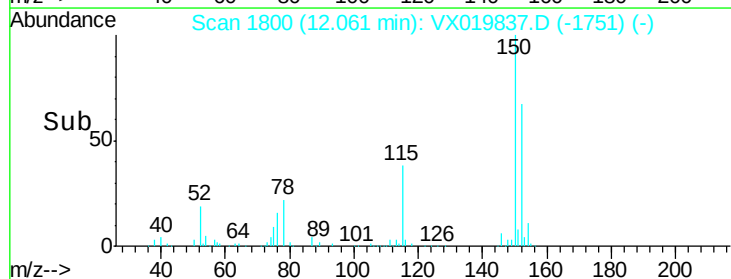
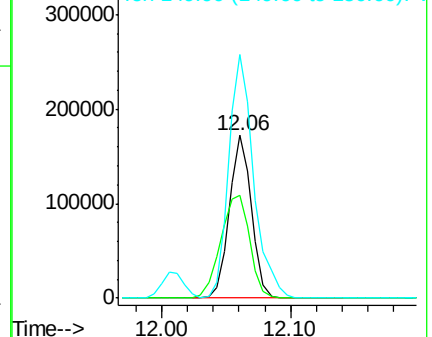
152 100

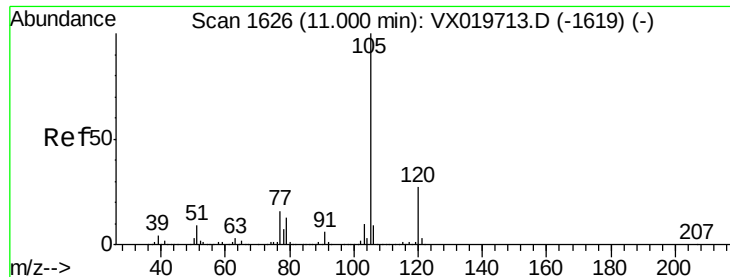
115 81.9 41.1 123.3

150 169.0 0.0 349.0



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: 51.471 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

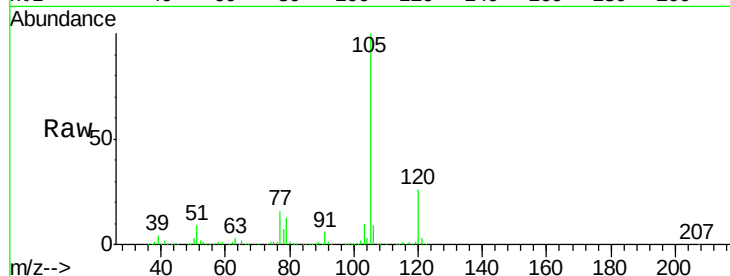
VSTDCCC050EC

Tgt Ion:105 Resp: 733157

Ion Ratio Lower Upper

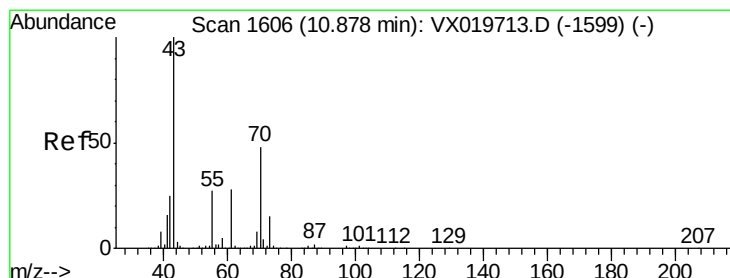
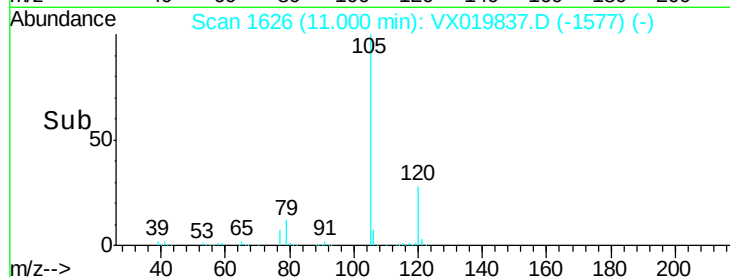
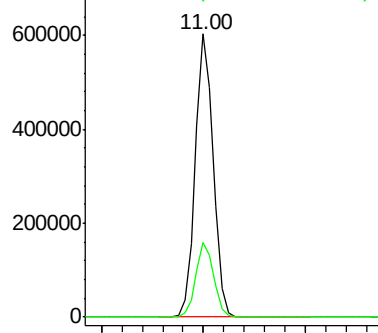
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.618 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Tgt Ion: 43 Resp: 294644

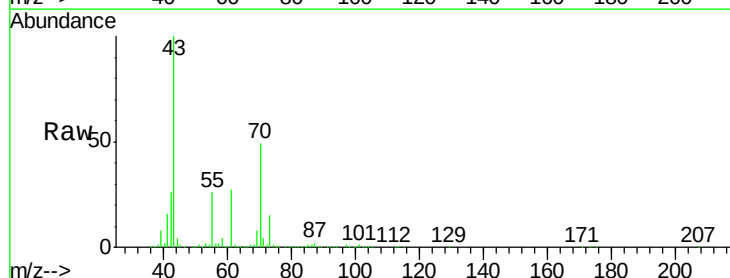
Ion Ratio Lower Upper

43 100

70 49.8 39.0 58.6

55 27.0 21.5 32.3

61 27.6 22.1 33.1

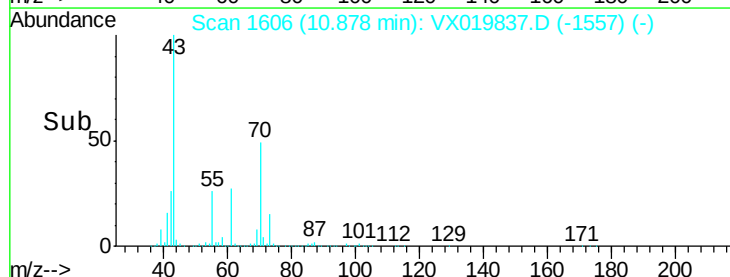
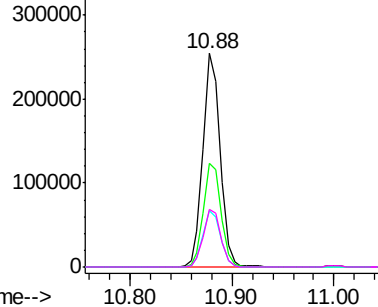


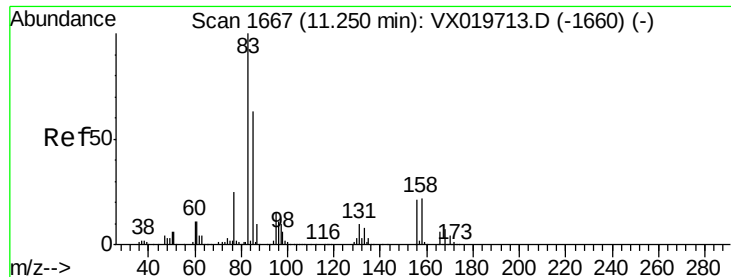
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.174 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

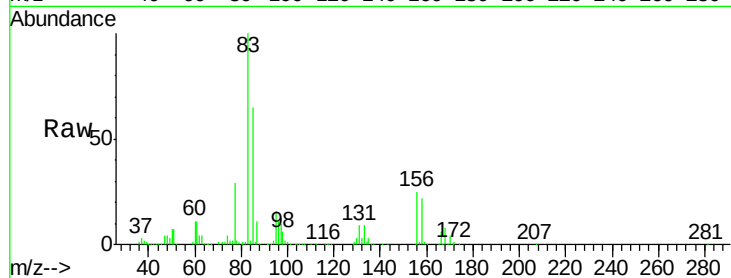
Tgt Ion: 83 Resp: 262008

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

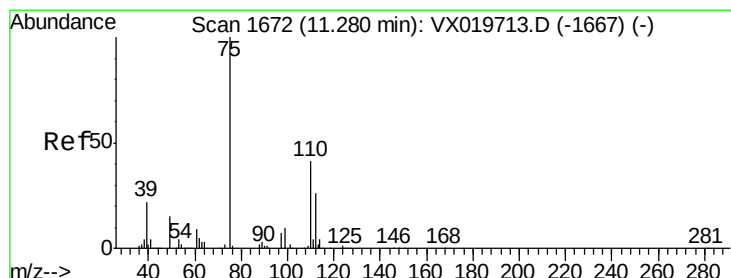
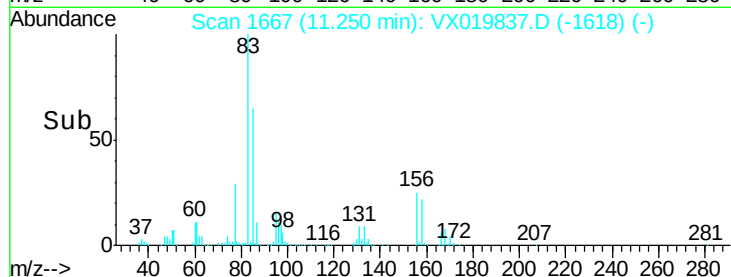
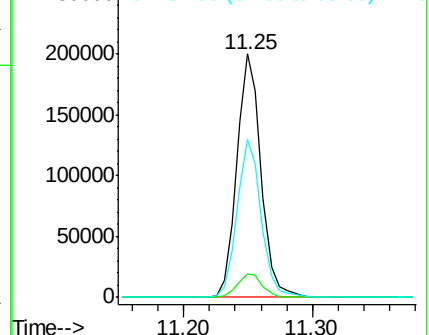
85 64.7 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.172 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019837.D

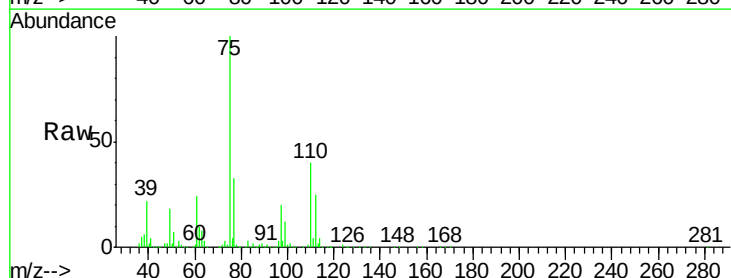
Acq: 10 Dec 2020 19:46

Tgt Ion: 75 Resp: 295398

Ion Ratio Lower Upper

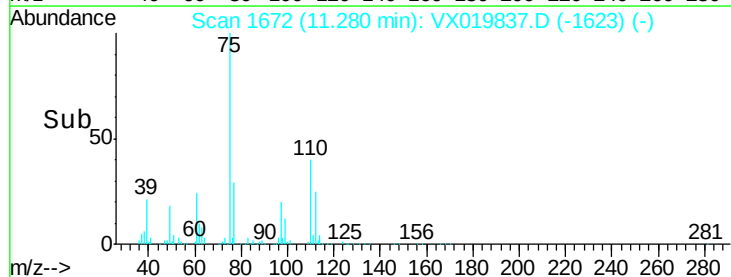
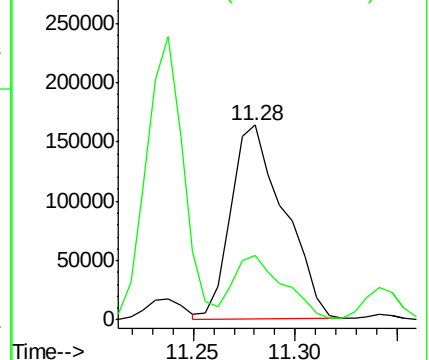
75 100

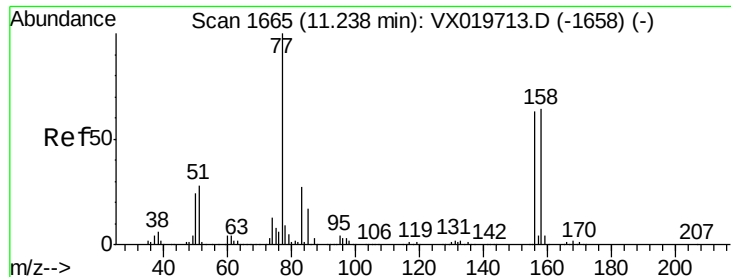
77 31.5 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.562 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

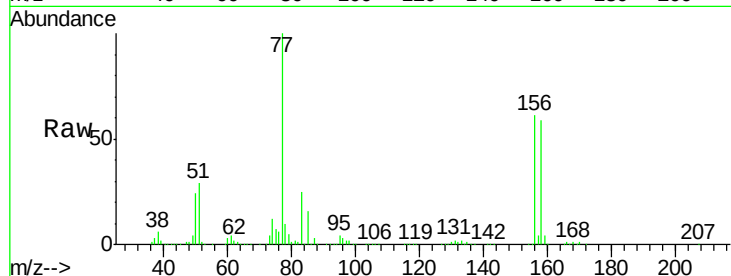
Tgt Ion:156 Resp: 184307

Ion Ratio Lower Upper

156 100

77 163.7 82.8 248.6

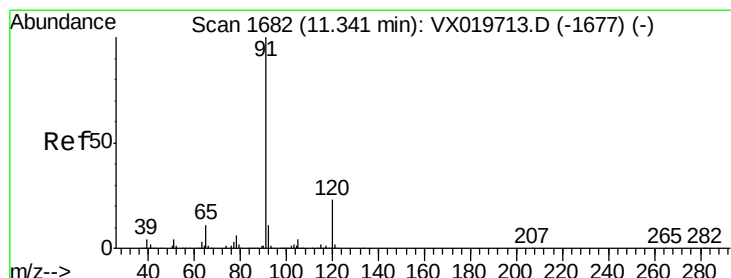
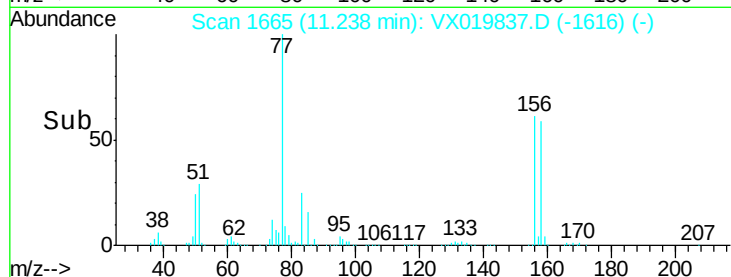
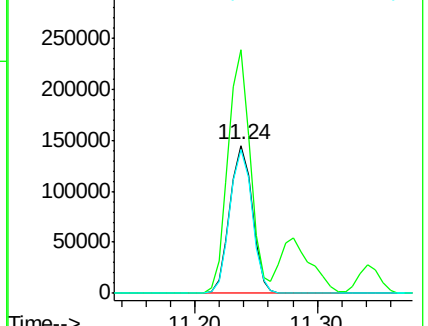
158 96.8 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.930 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019837.D

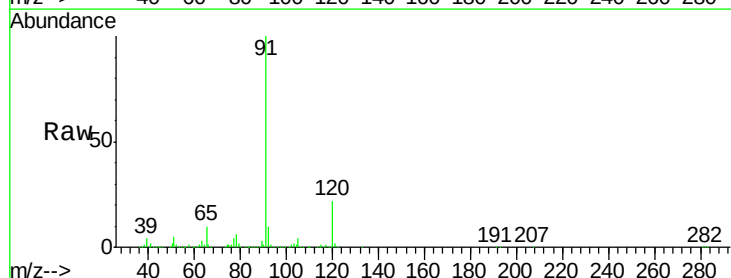
Acq: 10 Dec 2020 19:46

Tgt Ion: 91 Resp: 844828

Ion Ratio Lower Upper

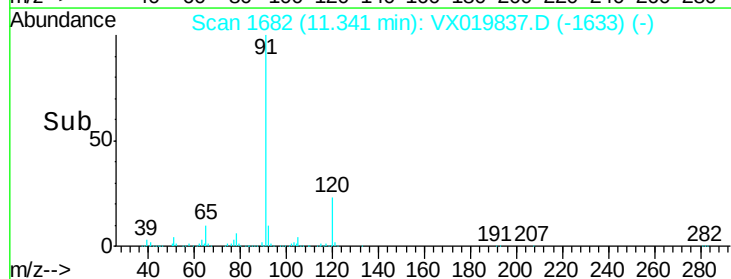
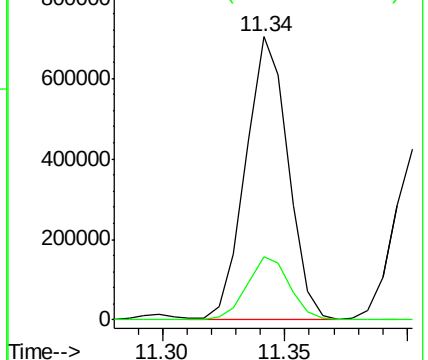
91 100

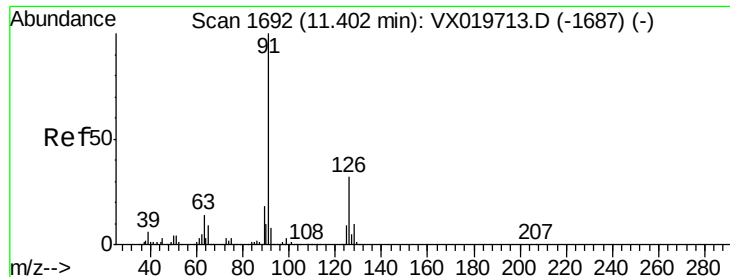
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.416 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

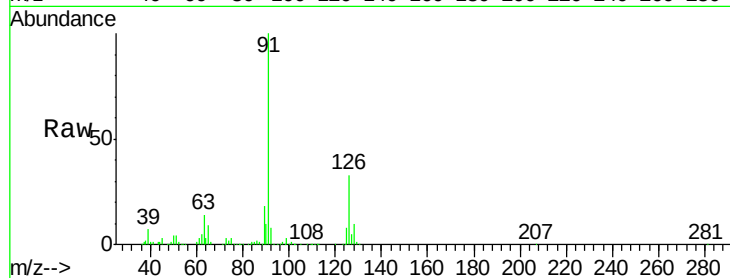
VSTDCCC050EC

Tgt Ion: 91 Resp: 505097

Ion Ratio Lower Upper

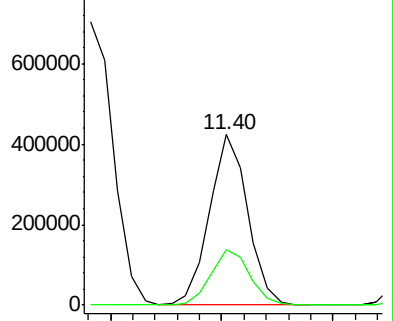
91 100

126 33.2 16.6 49.8

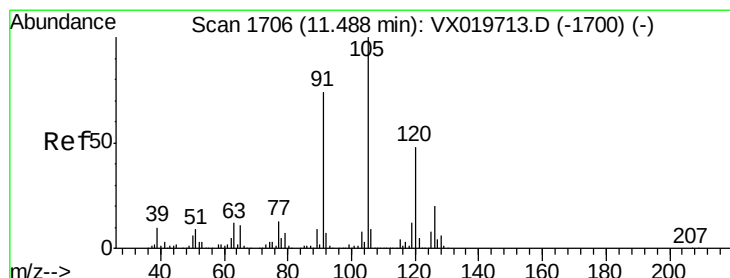
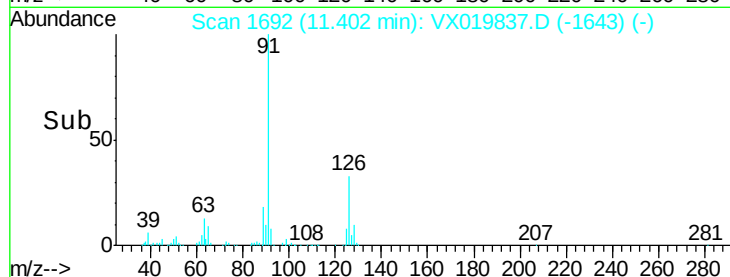


Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019713.D (-1687) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.633 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019837.D

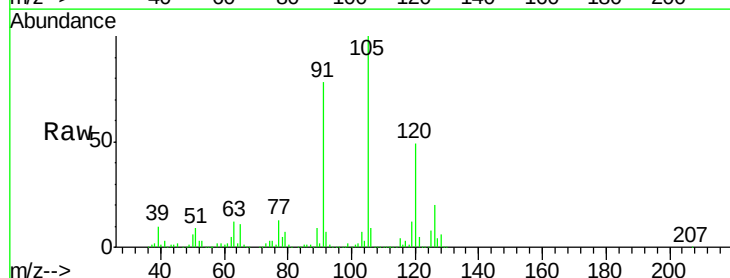
Acq: 10 Dec 2020 19:46

Tgt Ion: 105 Resp: 620707

Ion Ratio Lower Upper

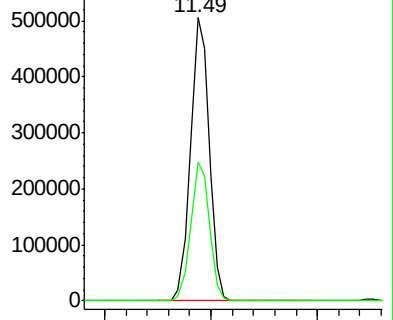
105 100

120 48.8 23.8 71.5

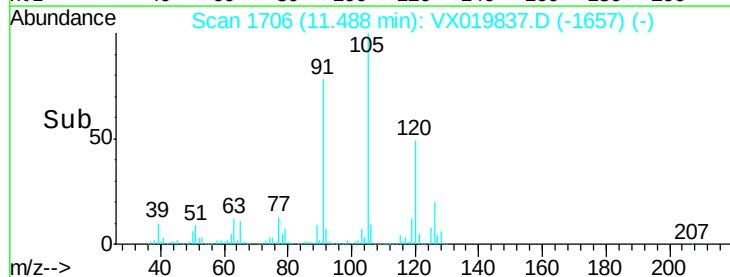


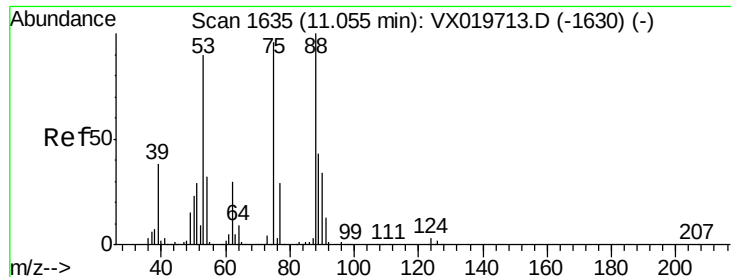
Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019713.D (-1700) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.611 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

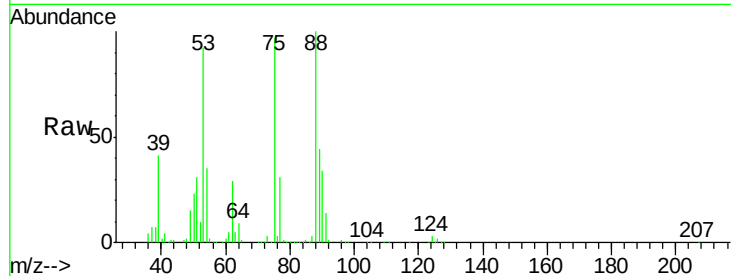
Tgt Ion: 75 Resp: 81867

Ion Ratio Lower Upper

75 100

53 93.6 74.5 111.7

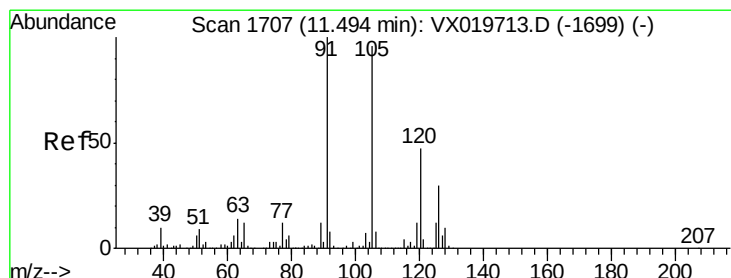
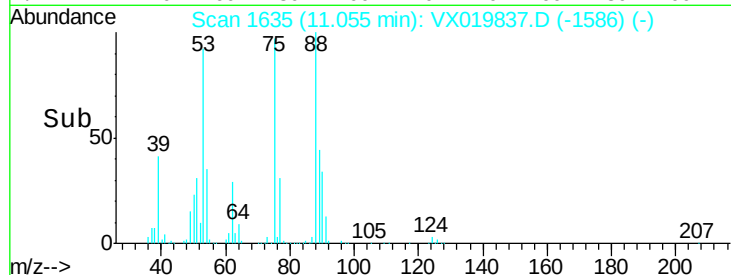
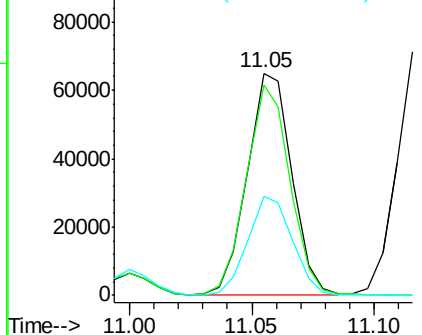
89 45.2 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.728 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019837.D

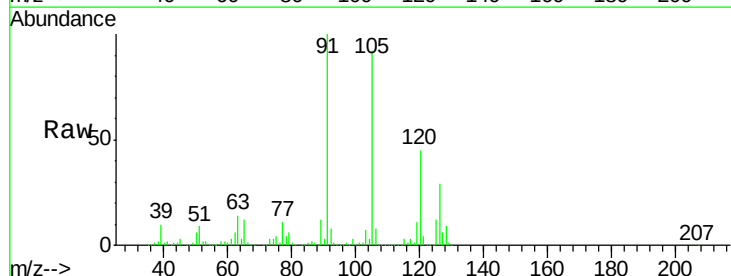
Acq: 10 Dec 2020 19:46

Tgt Ion: 91 Resp: 595214

Ion Ratio Lower Upper

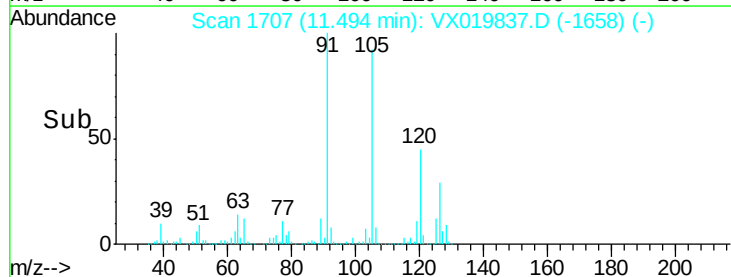
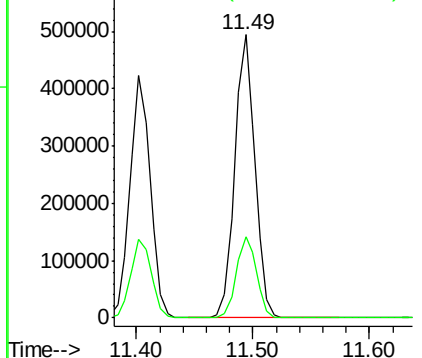
91 100

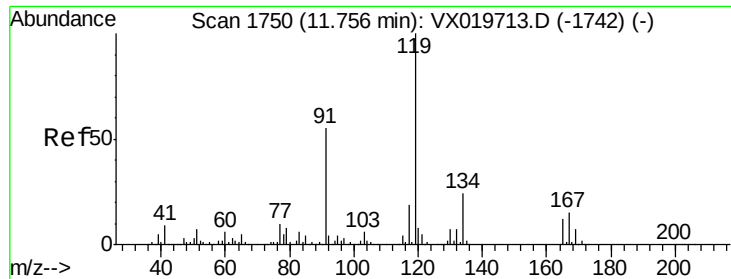
126 29.1 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

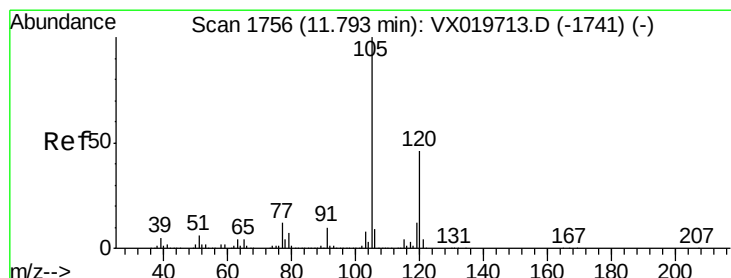
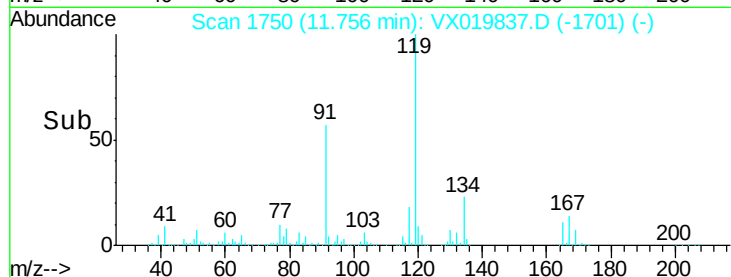
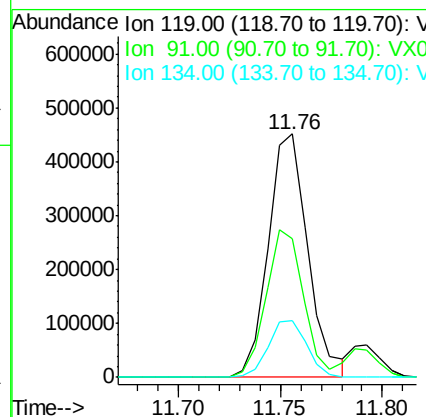
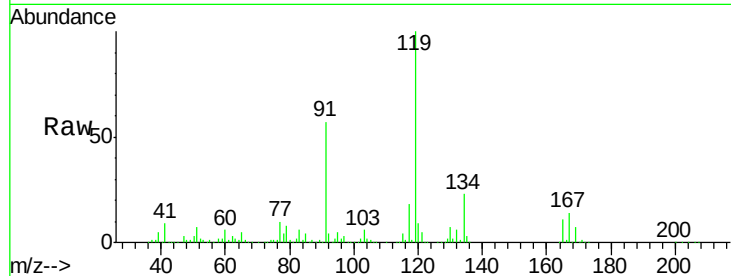




#83
 tert-Butylbenzene
 Concen: 51.797 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

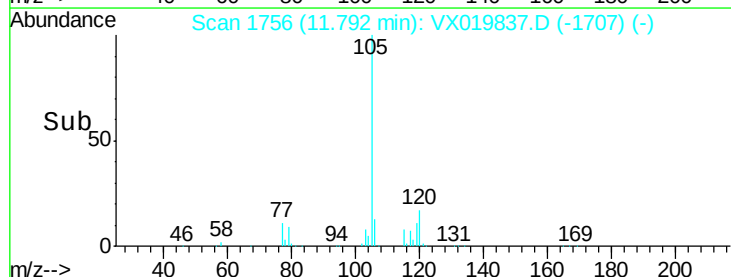
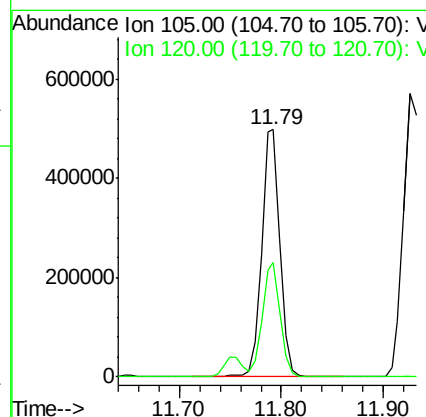
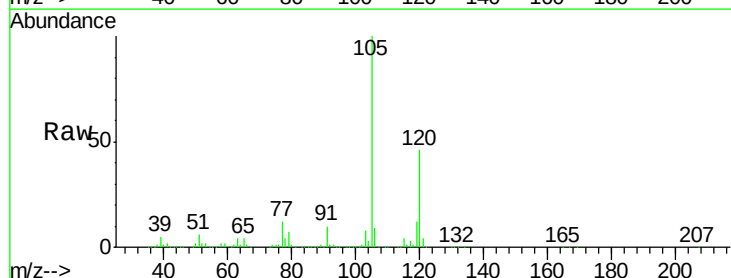
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

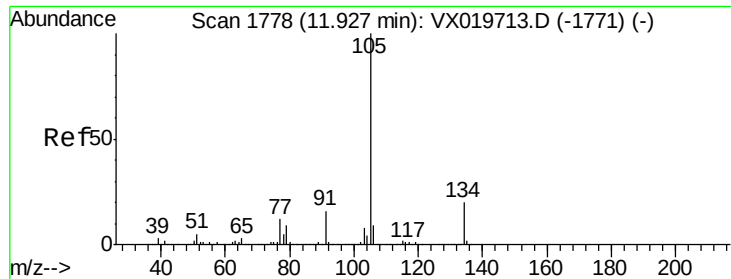
Tgt Ion:119 Resp: 610697
 Ion Ratio Lower Upper
 119 100
 91 57.4 27.9 83.7
 134 23.0 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.786 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion:105 Resp: 627103
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 52.410 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

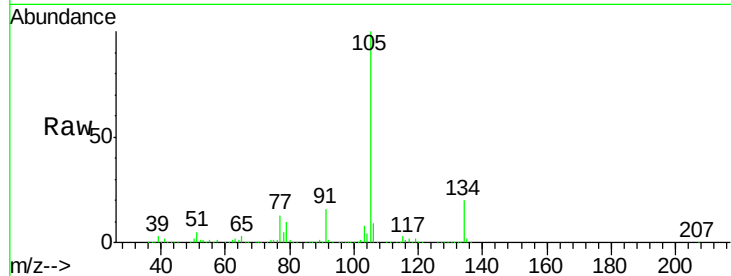
VSTDCCC050EC

Tgt Ion:105 Resp: 705496

Ion Ratio Lower Upper

105 100

134 20.1 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

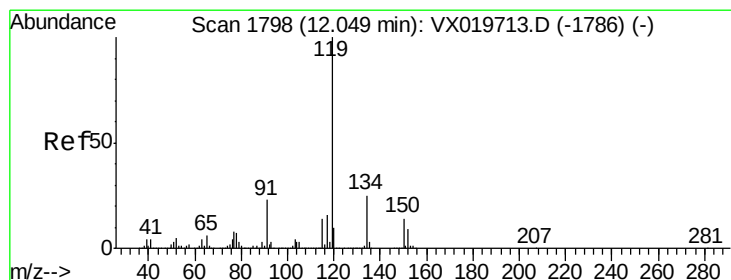
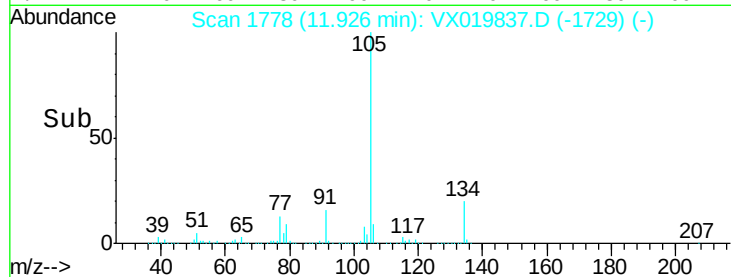
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 52.029 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

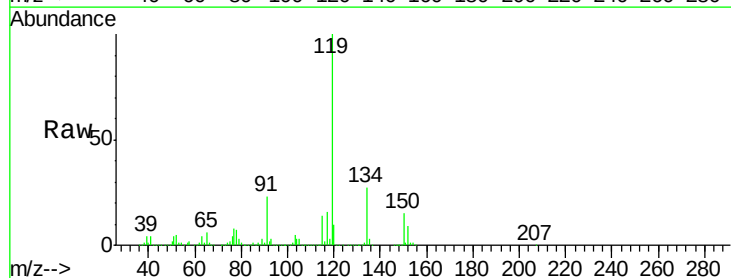
Tgt Ion:119 Resp: 641865

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

91 23.4 11.7 35.0



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

12.05

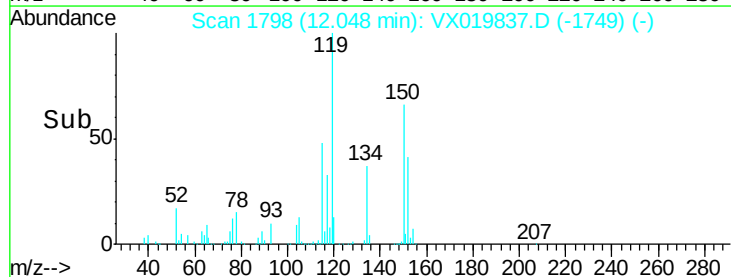
600000

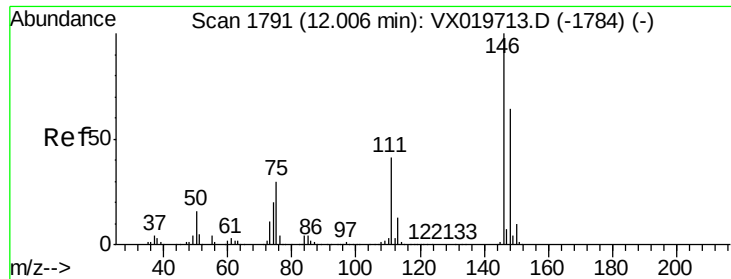
400000

200000

0

Time--> 12.00 12.10

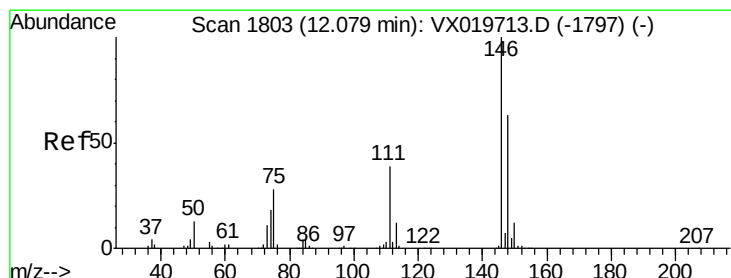
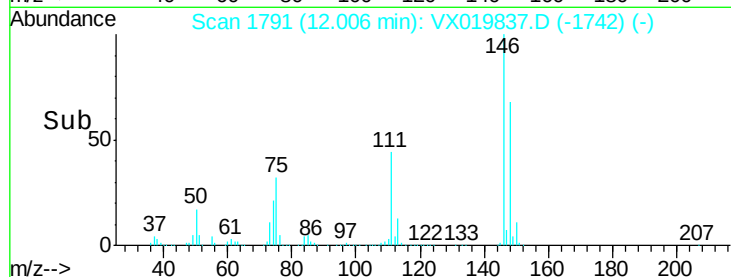
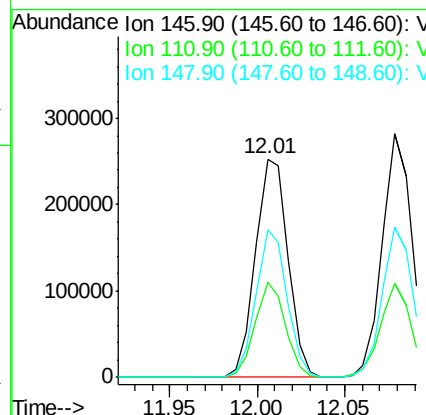
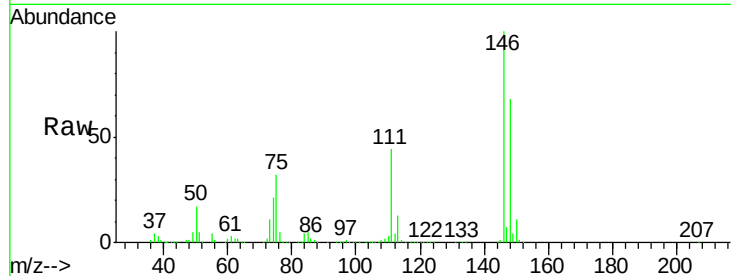




#87
 1,3-Dichlorobenzene
 Concen: 49.080 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

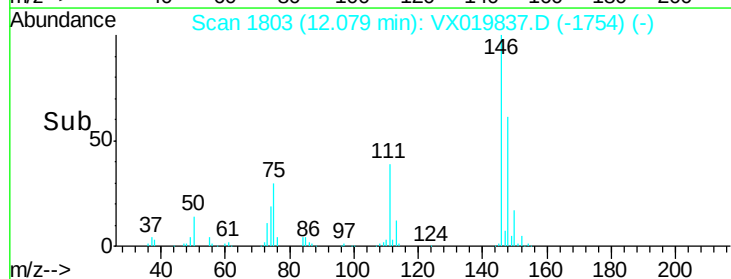
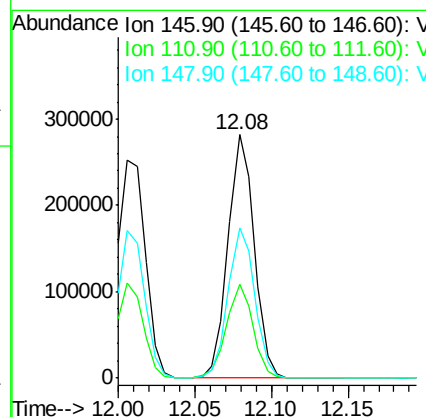
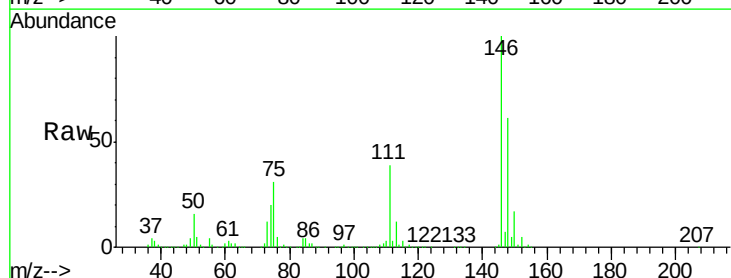
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

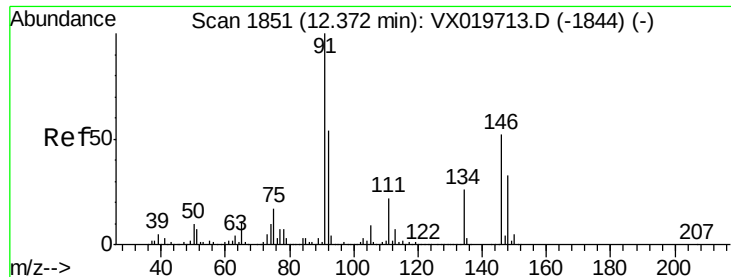
Tgt Ion:146 Resp: 328359
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.2 60.5
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.201 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion:146 Resp: 335261
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 62.7 31.6 95.0





#89

n-Butylbenzene

Concen: 51.308 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019837.D

Acq: 10 Dec 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

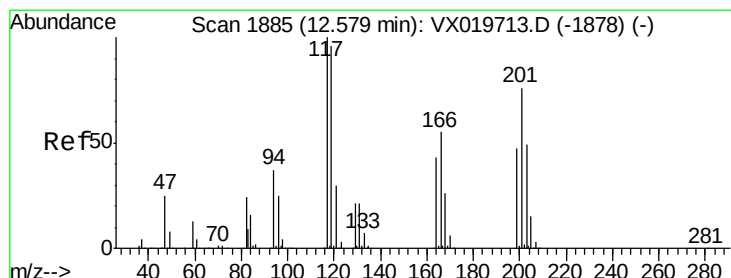
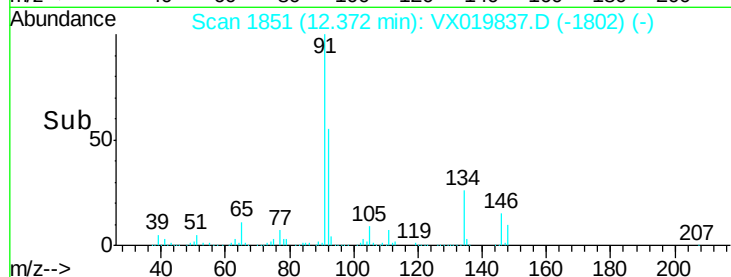
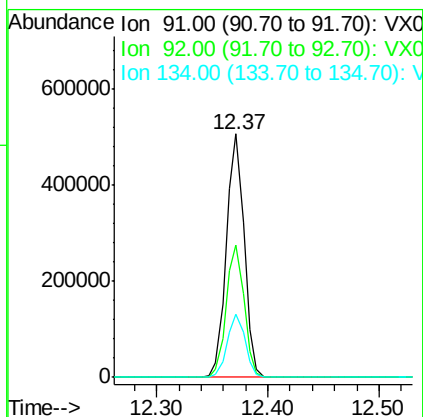
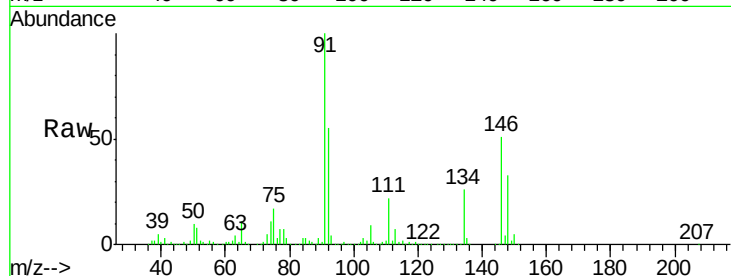
Tgt Ion: 91 Resp: 560796

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

134 26.2 13.2 39.5



#90

Hexachloroethane

Concen: 52.226 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019837.D

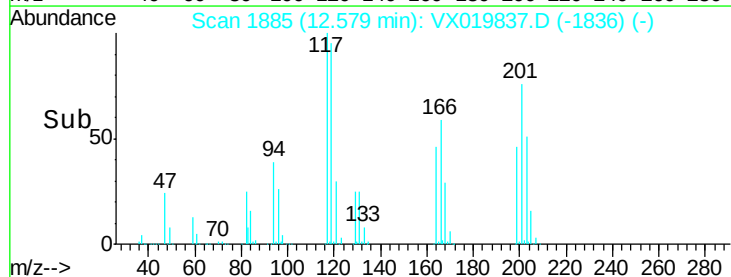
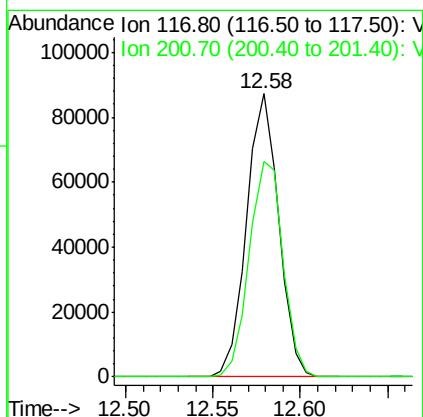
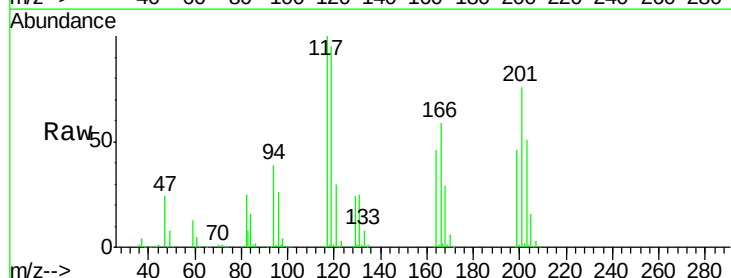
Acq: 10 Dec 2020 19:46

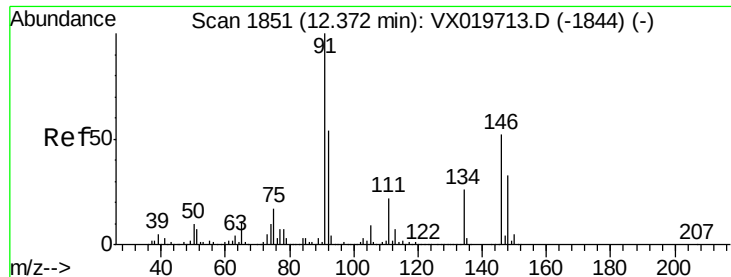
Tgt Ion: 117 Resp: 111234

Ion Ratio Lower Upper

117 100

201 80.2 40.4 121.2

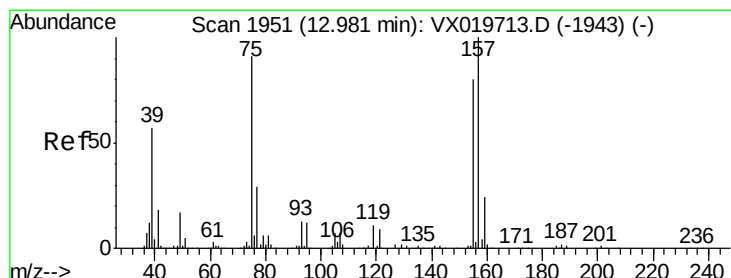
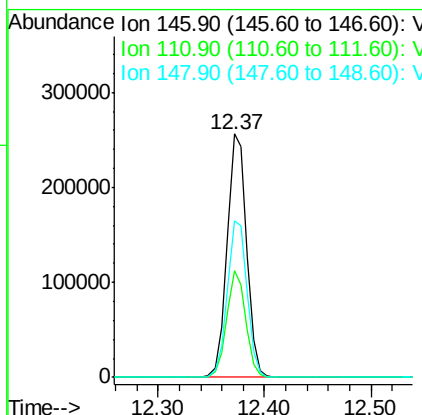
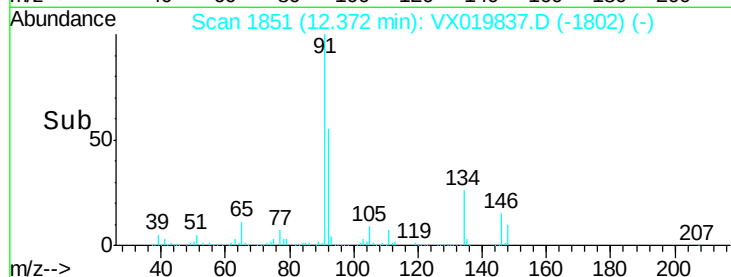
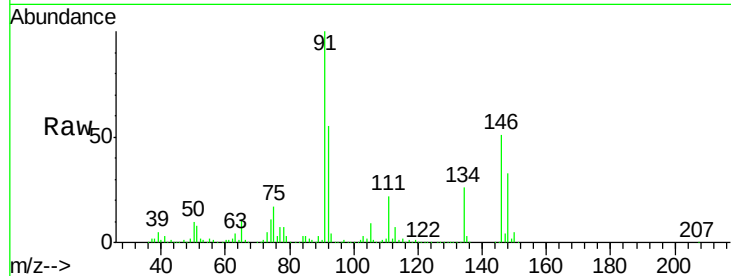




#91
 1,2-Dichlorobenzene
 Concen: 50.554 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

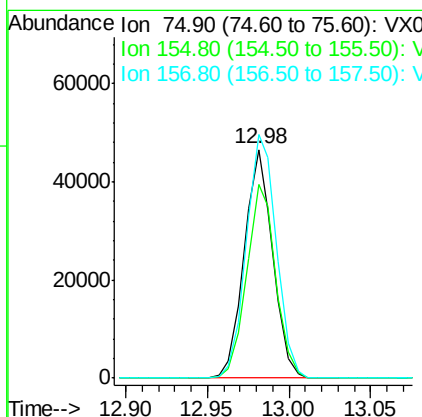
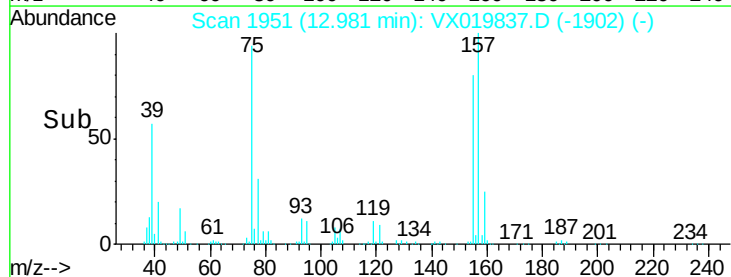
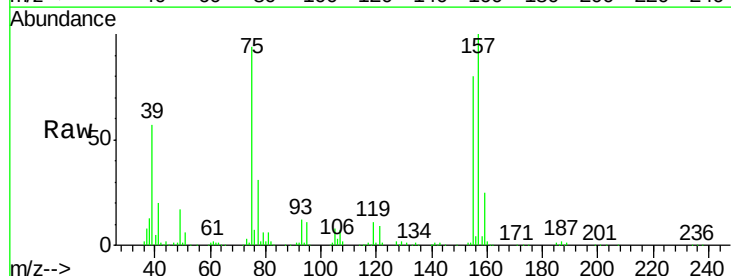
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

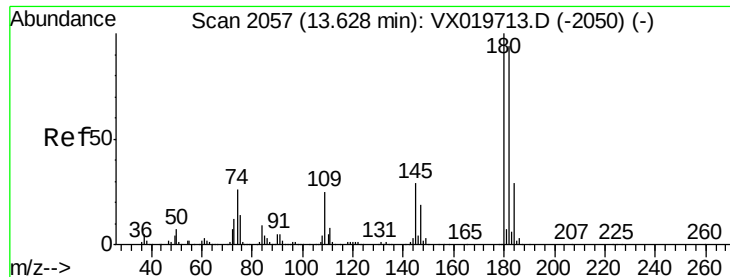
Tgt Ion:146 Resp: 329704
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.8 62.2
 148 65.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.545 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion: 75 Resp: 56726
 Ion Ratio Lower Upper
 75 100
 155 86.1 45.3 135.9
 157 112.5 57.7 173.1

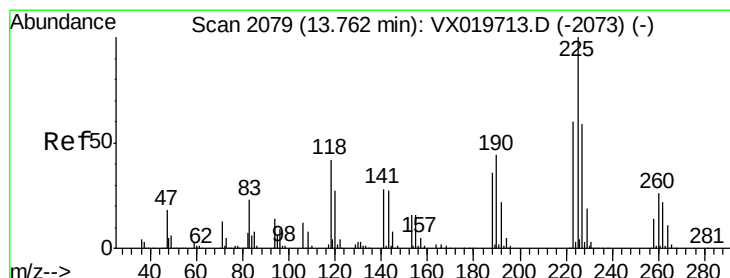
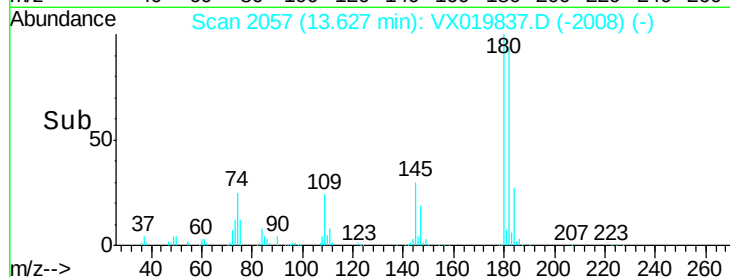
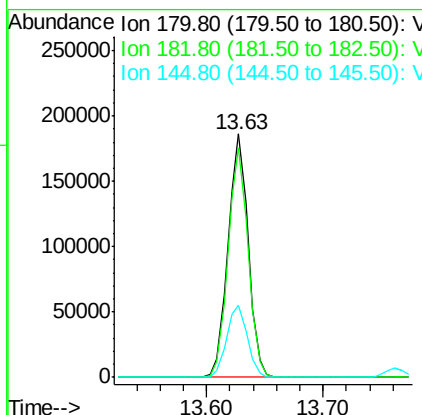
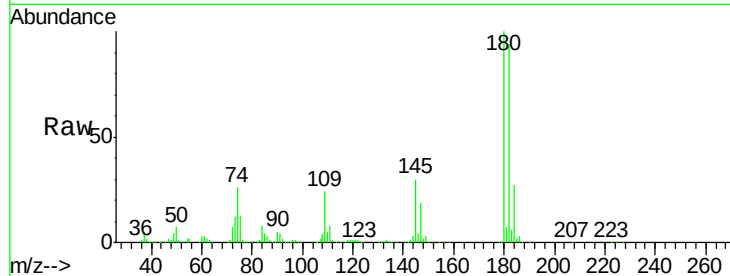




#93
 1,2,4-Trichlorobenzene
 Concen: 52.519 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

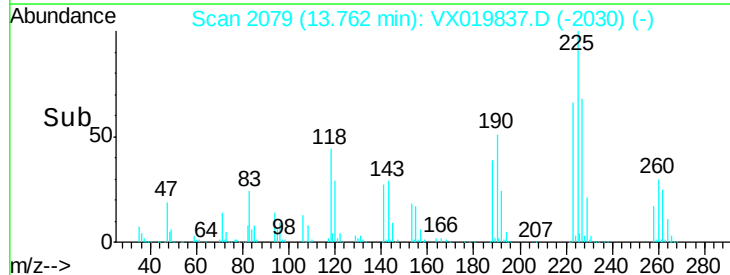
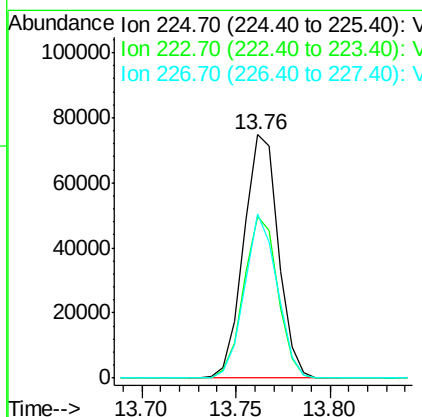
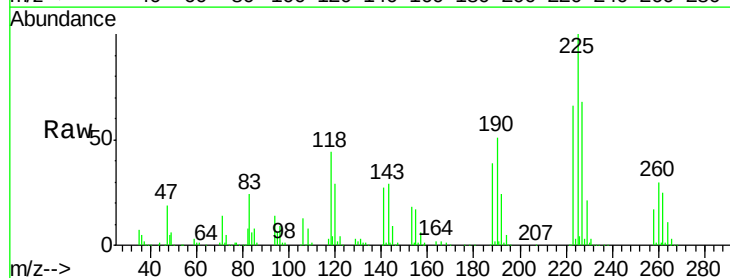
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

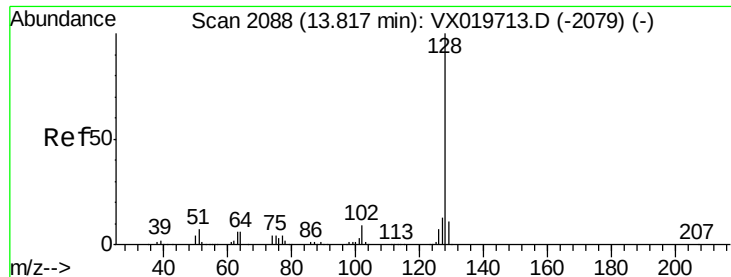
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.7	143.1
145	30.1	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 50.195 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019837.D
 Acq: 10 Dec 2020 19:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.1	93.2
227	63.8	31.6	95.0

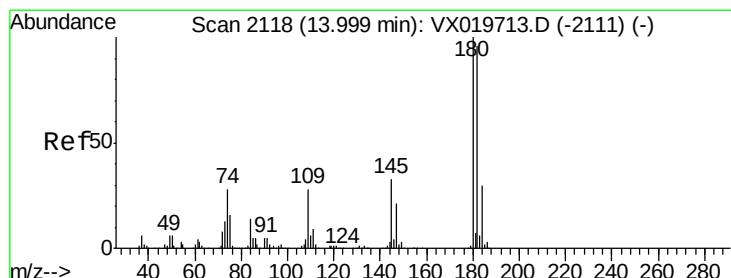
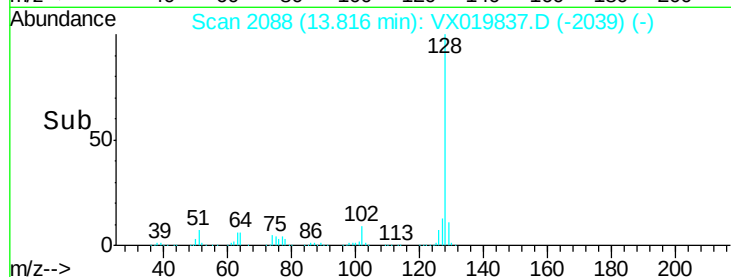
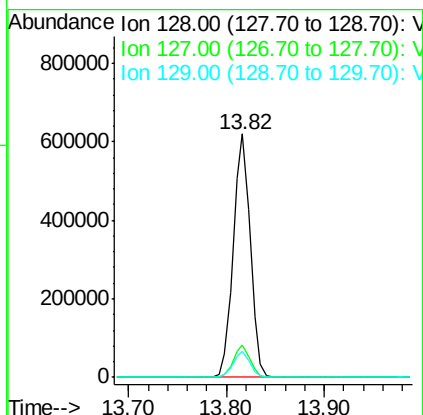
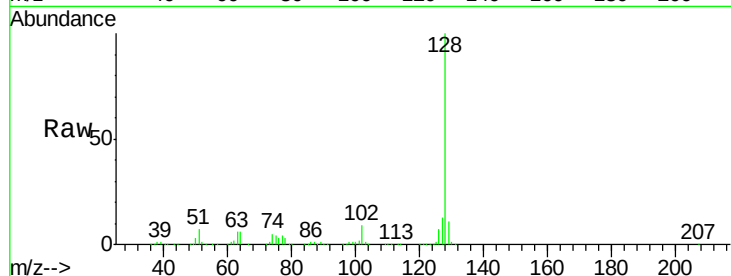




#95
Naphthalene
Concen: 54.217 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 746223
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.227 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019837.D
Acq: 10 Dec 2020 19:46

Tgt Ion:180 Resp: 216691
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 33.1 16.1 48.3

