

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
 Data File : VX020030.D
 Acq On : 15 Dec 2020 22:23
 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 16 00:32:02 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	5.62	168	248282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193041	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	162789	49.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.78%	
35) Dibromofluoromethane		5.46	113	132093	48.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.38%	
50) Toluene-d8		8.70	98	496226	47.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.82%	
62) 4-Bromofluorobenzene		11.12	95	193435	49.07	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	105611	46.461	ug/l	100
3) Chloromethane	1.31	50	117062	43.789	ug/l	99
4) Vinyl Chloride	1.39	62	141272	50.118	ug/l	99
5) Bromomethane	1.62	94	30122	32.183	ug/l	100
6) Chloroethane	1.70	64	94843	56.011	ug/l	99
7) Trichlorofluoromethane	1.91	101	200944	51.188	ug/l	98
8) Diethyl Ether	2.17	74	87161	52.395	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120912	53.737	ug/l	100
10) Methyl Iodide	2.49	142	97580	29.422	ug/l	99
11) Tert butyl alcohol	3.02	59	184228	274.877	ug/l	99
12) 1,1-Dichloroethene	2.35	96	119858	52.689	ug/l	96
13) Acrolein	2.27	56	89389	248.172	ug/l	98
14) Allyl chloride	2.70	41	205848	53.579	ug/l	96
15) Acrylonitrile	3.11	53	433912	294.141	ug/l	100
16) Acetone	2.42	43	338059	275.621	ug/l	100
17) Carbon Disulfide	2.55	76	283076	43.369	ug/l	100
18) Methyl Acetate	2.74	43	191730	63.879	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	465779	56.223	ug/l	100
20) Methylene Chloride	2.83	84	152902	54.740	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	136547	51.487	ug/l	99
22) Diisopropyl ether	3.82	45	452654	58.273	ug/l	93
23) Vinyl Acetate	3.78	43	1920694	290.230	ug/l	99
24) 1,1-Dichloroethane	3.67	63	261444	55.814	ug/l	99
25) 2-Butanone	4.63	43	550424	292.049	ug/l	100
26) 2,2-Dichloropropane	4.55	77	190008	47.103	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	165233	53.239	ug/l	99
28) Bromochloromethane	4.98	49	119091	53.332	ug/l	96
29) Tetrahydrofuran	5.09	42	351382	289.373	ug/l	98
30) Chloroform	5.17	83	271691	56.409	ug/l	99
31) Cyclohexane	5.54	56	206610	50.900	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	226447	54.594	ug/l	100
36) 1,1-Dichloropropene	5.76	75	186456	49.157	ug/l	100
37) Ethyl Acetate	4.79	43	208692	54.493	ug/l	99
38) Carbon Tetrachloride	5.75	117	189491	51.016	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212213	47.620	ug/l	98
40) Benzene	6.11	78	597722	51.587	ug/l	98
41) Methacrylonitrile	4.99	41	114375	54.395	ug/l	99
42) 1,2-Dichloroethane	6.16	62	208250	52.605	ug/l	100
43) Isopropyl Acetate	6.41	43	334456	53.717	ug/l	99
44) Trichloroethene	7.19	130	147770	48.608	ug/l	97
45) 1,2-Dichloropropane	7.49	63	157324	54.328	ug/l	97
46) Dibromomethane	7.63	93	103241	52.793	ug/l	100
47) Bromodichloromethane	7.87	83	211488	54.500	ug/l	99
48) Methyl methacrylate	7.74	41	167148	54.585	ug/l	98
49) 1,4-Dioxane	7.71	88	78394	1056.807	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1087204	286.003	ug/l	100
52) Toluene	8.76	92	372731	51.434	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	221777	51.502	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	242994	51.942	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	157684	53.995	ug/l	99
56) Ethyl methacrylate	9.16	69	242681	54.926	ug/l	99
57) 1,3-Dichloropropane	9.35	76	267099	53.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	646337	276.133	ug/l	99
59) 2-Hexanone	9.47	43	828090	281.036	ug/l	99
60) Dibromochloromethane	9.56	129	161622	54.473	ug/l	100
61) 1,2-Dibromoethane	9.65	107	162797	52.498	ug/l	100
64) Tetrachloroethene	9.32	164	123305	47.408	ug/l	95
65) Chlorobenzene	10.12	112	390379	50.523	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	150318	54.050	ug/l	99
67) Ethyl Benzene	10.23	91	715013	52.132	ug/l	100
68) m/p-Xylenes	10.34	106	530329	102.614	ug/l	99
69) o-Xylene	10.68	106	259464	52.190	ug/l	99
70) Styrene	10.69	104	450595	53.698	ug/l	100
71) Bromoform	10.84	173	118331	54.086	ug/l #	100
73) Isopropylbenzene	11.00	105	700512	53.115	ug/l	99
74) N-amyl acetate	10.88	43	292974	55.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	259786	55.871	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	284569	65.727	ug/l	89
77) Bromobenzene	11.24	156	173054	51.274	ug/l	98
78) n-propylbenzene	11.34	91	790893	52.505	ug/l	100
79) 2-Chlorotoluene	11.40	91	486969	52.497	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	587550	52.787	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	78416	52.358	ug/l	99
82) 4-Chlorotoluene	11.49	91	571620	52.616	ug/l	98
83) tert-Butylbenzene	11.76	119	581695	53.286	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	605637	54.016	ug/l	99
85) sec-Butylbenzene	11.93	105	671306	53.862	ug/l	100
86) p-Isopropyltoluene	12.05	119	614846	53.827	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	310916	50.192	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	318232	50.439	ug/l	99
89) n-Butylbenzene	12.37	91	533353	52.703	ug/l	99
90) Hexachloroethane	12.58	117	107376	54.449	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	307337	50.896	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56644	56.668	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
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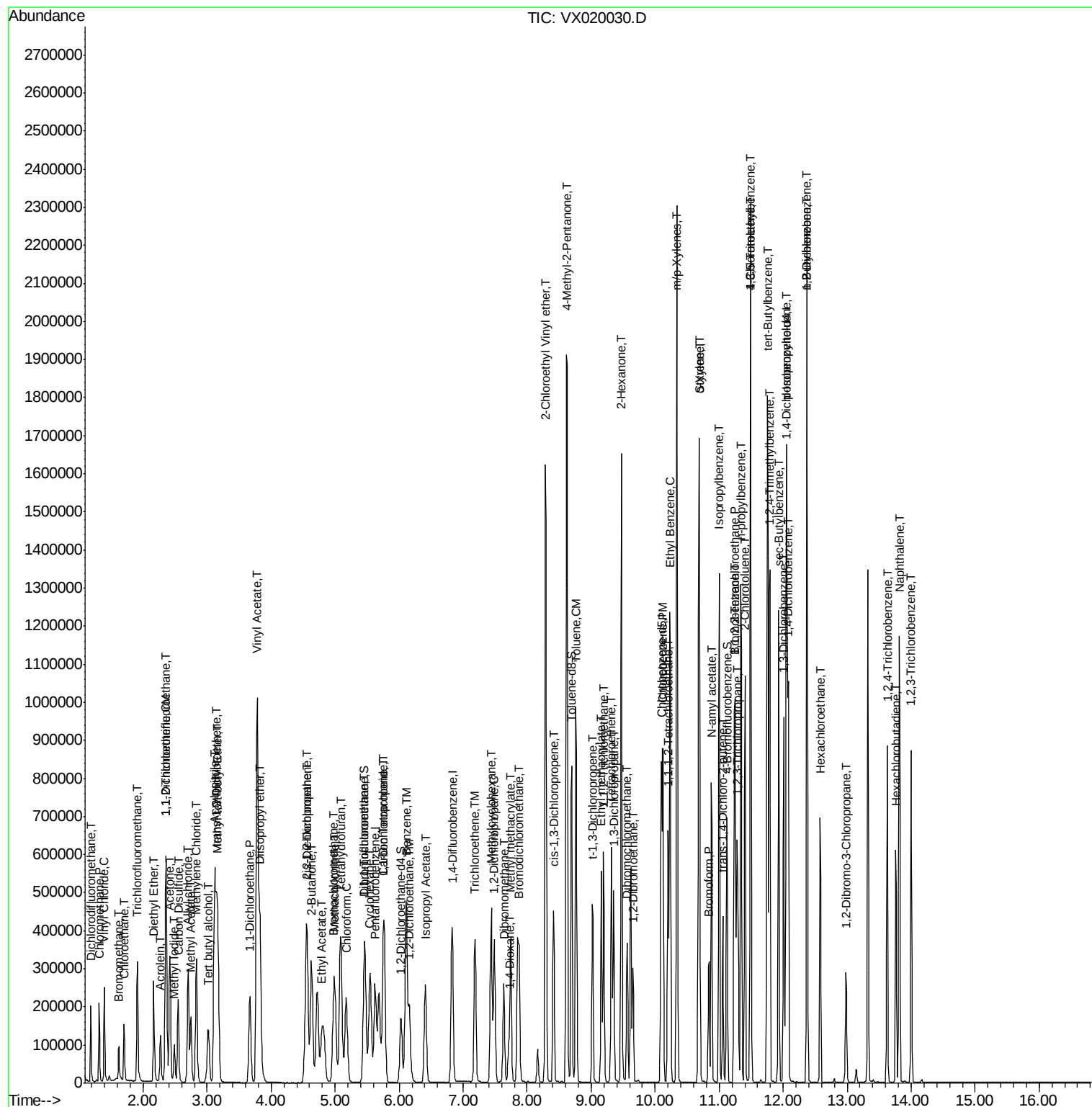
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205495	52.278	ug/l	99
94) Hexachlorobutadiene	13.76	225	90607	51.572	ug/l	98
95) Naphthalene	13.82	128	718247	56.361	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	209194	54.455	ug/l	98

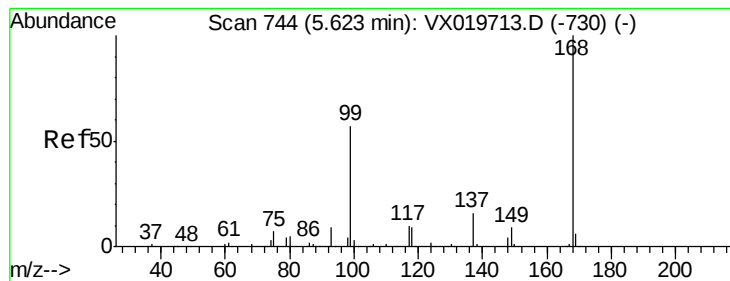
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\WX121520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

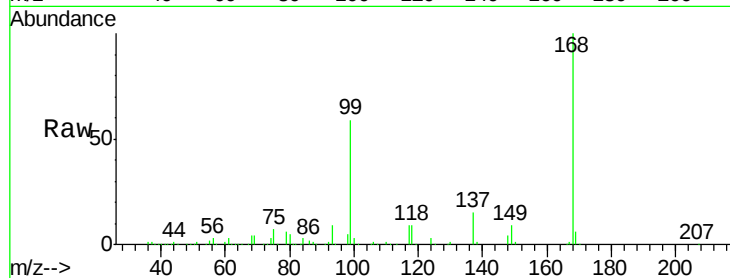
VSTDCCC050EC

Tgt Ion:168 Resp: 248282

Ion Ratio Lower Upper

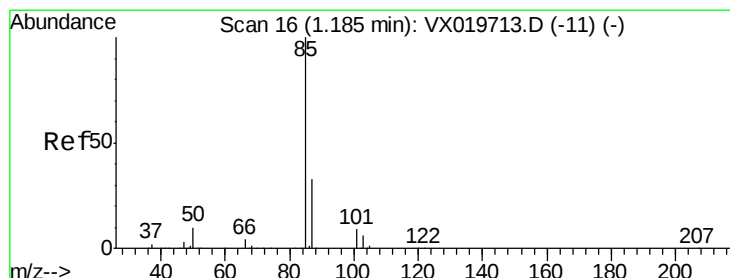
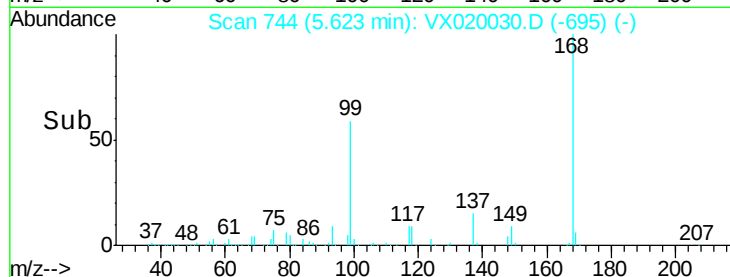
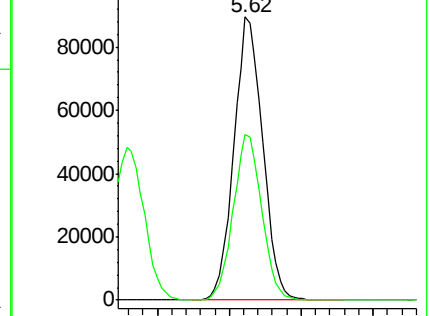
168 100

99 58.5 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: 46.461 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020030.D

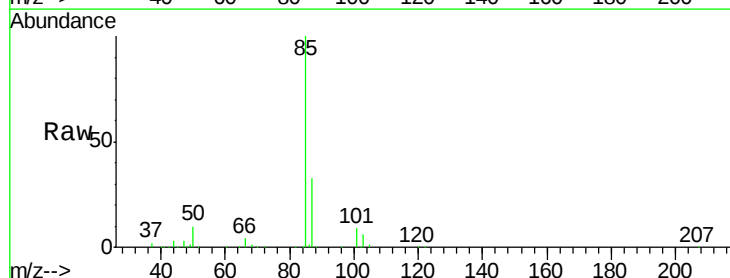
Acq: 15 Dec 2020 22:23

Tgt Ion: 85 Resp: 105611

Ion Ratio Lower Upper

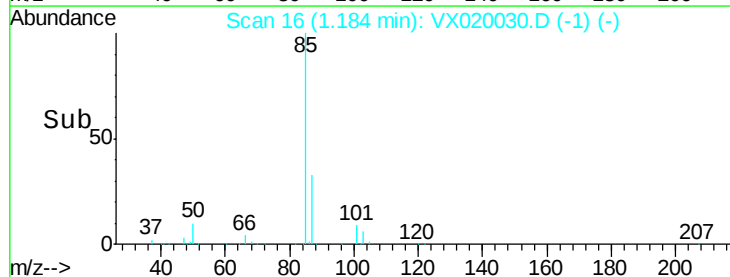
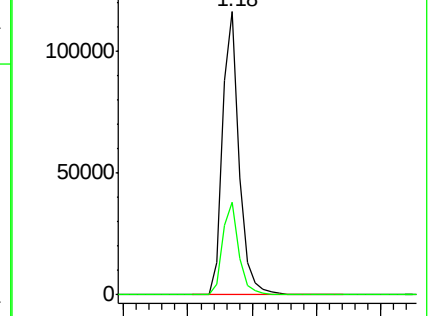
85 100

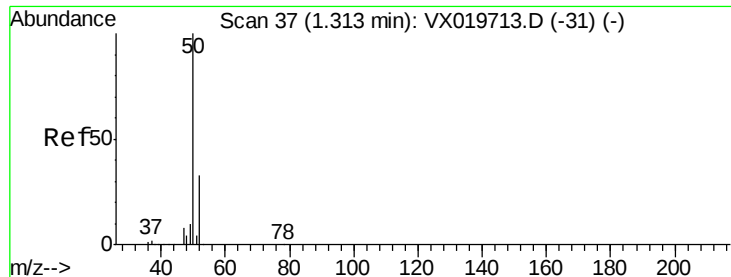
87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.789 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

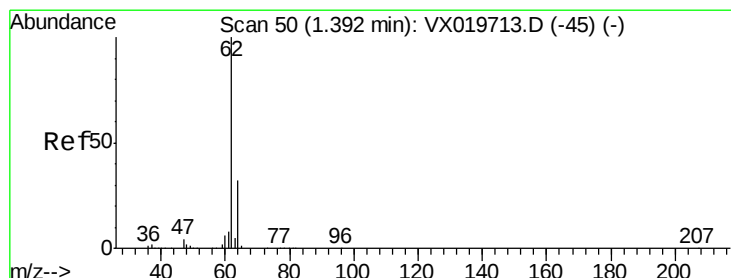
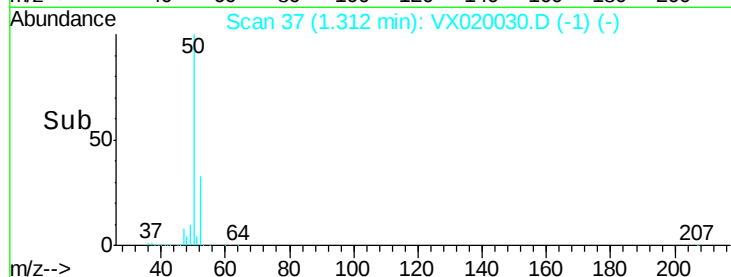
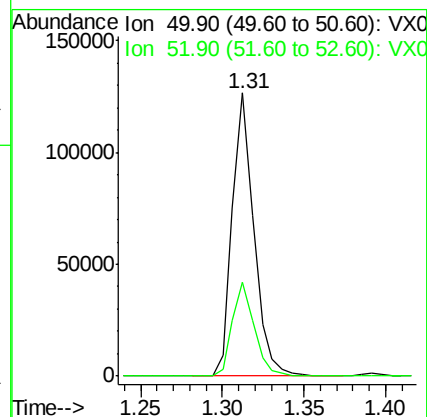
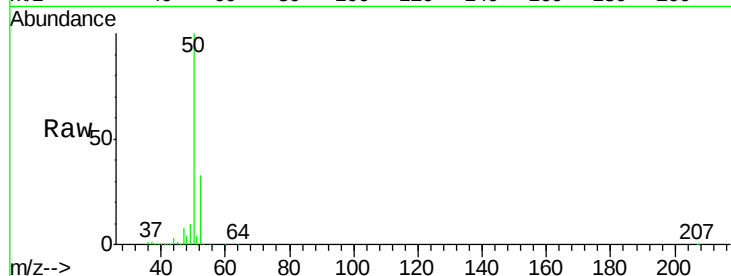
VSTDCCC050EC

Tgt Ion: 50 Resp: 117062

Ion Ratio Lower Upper

50 100

52 33.4 26.4 39.6



#4

Vinyl Chloride

Concen: 50.118 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020030.D

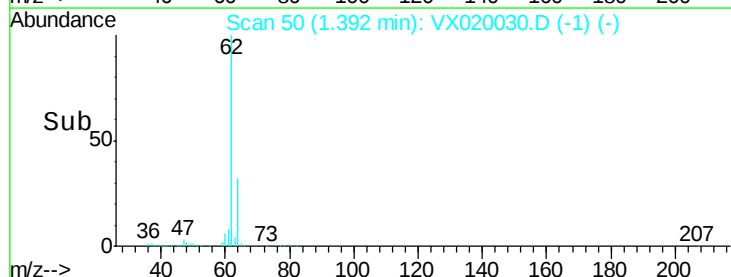
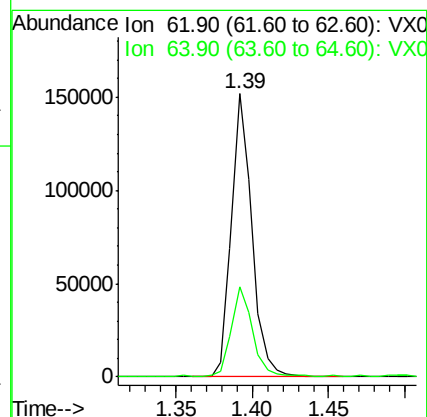
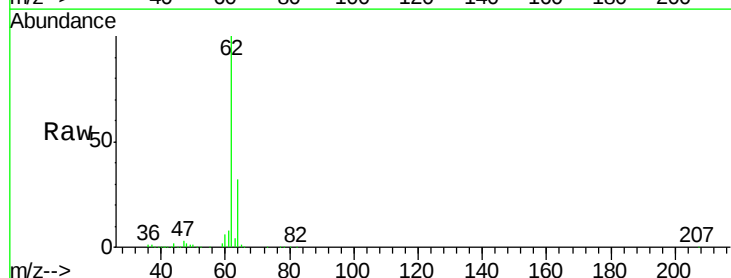
Acq: 15 Dec 2020 22:23

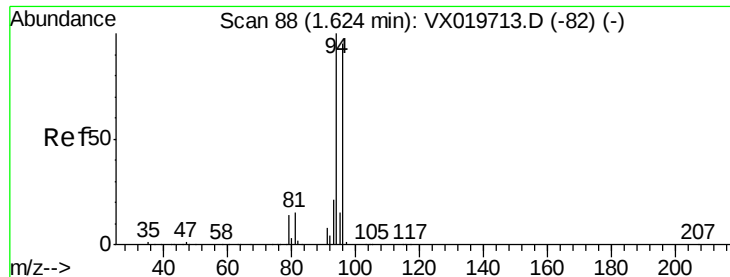
Tgt Ion: 62 Resp: 141272

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5





#5

Bromomethane

Concen: 32.183 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

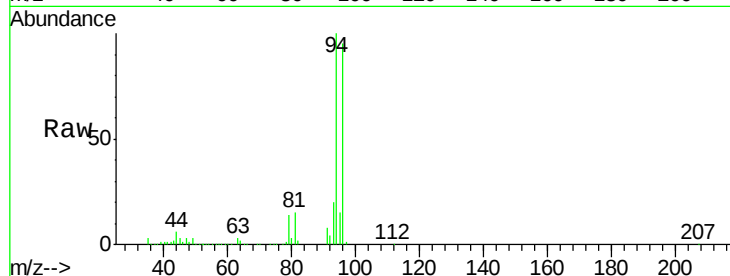
VSTDCCC050EC

Tgt Ion: 94 Resp: 30122

Ion Ratio Lower Upper

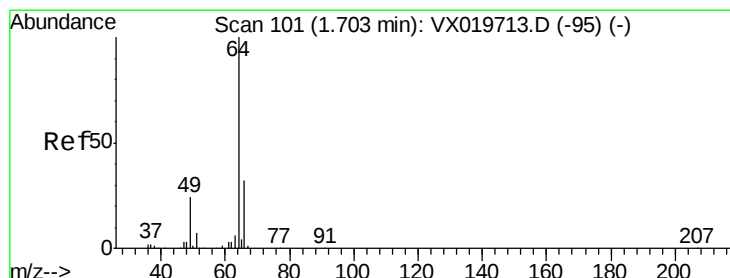
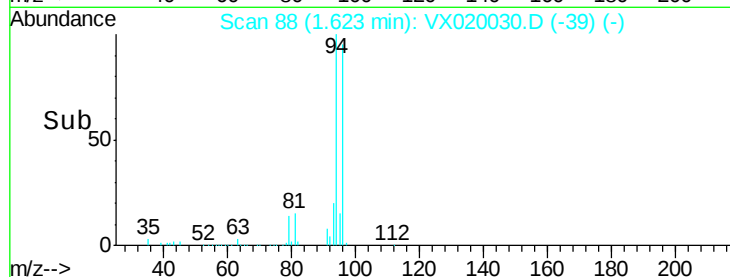
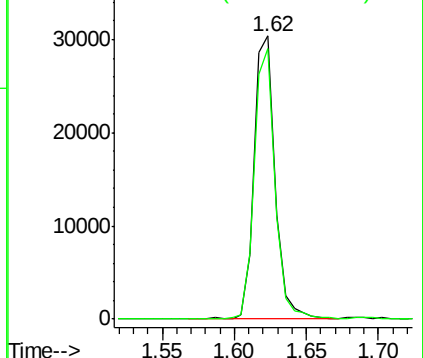
94 100

96 95.6 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: 56.011 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX020030.D

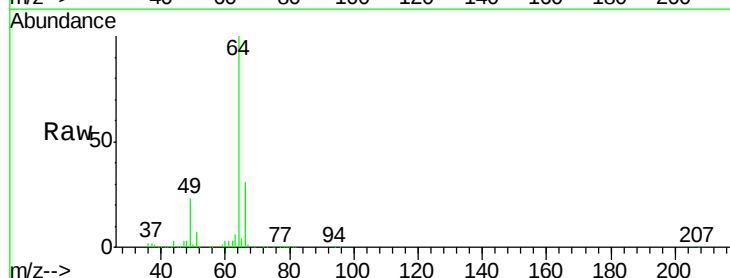
Acq: 15 Dec 2020 22:23

Tgt Ion: 64 Resp: 94843

Ion Ratio Lower Upper

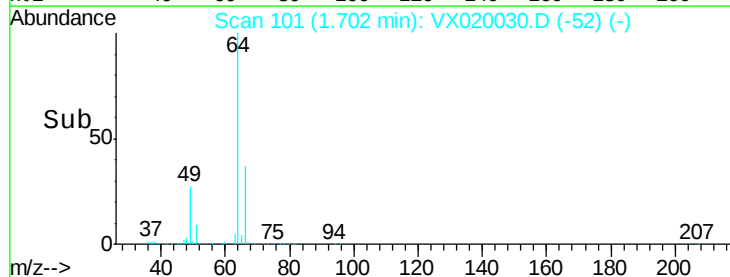
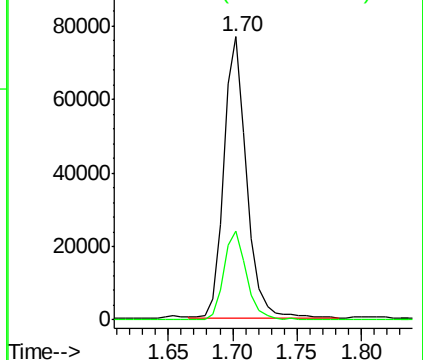
64 100

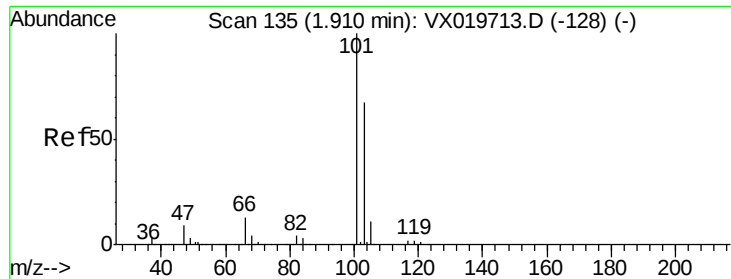
66 31.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



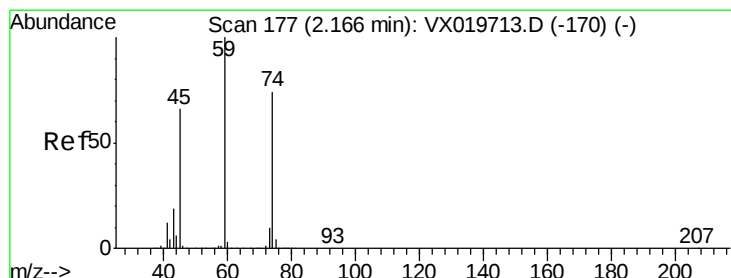
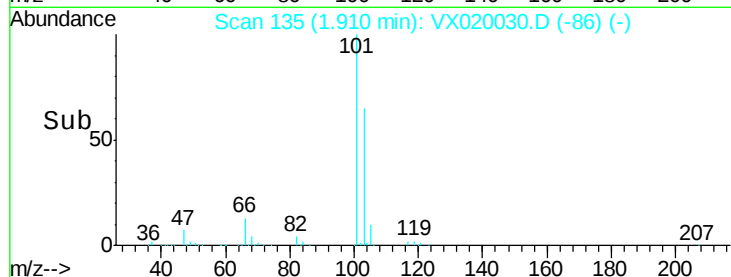
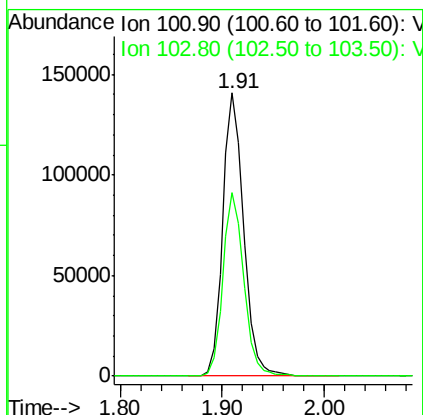
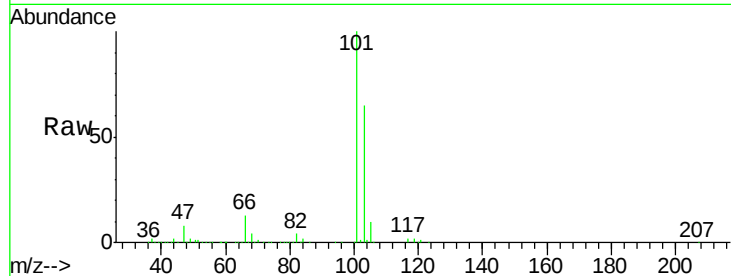


#7

Trichlorofluoromethane
 Concen: 51.188 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX020030.D
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Instrument :
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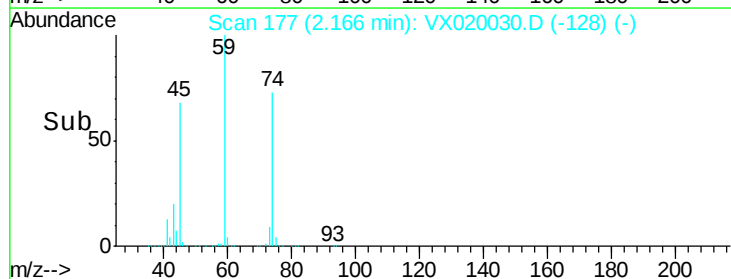
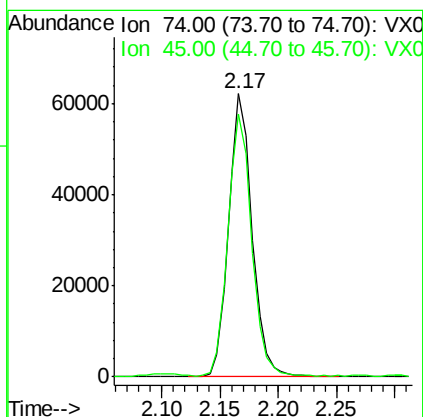
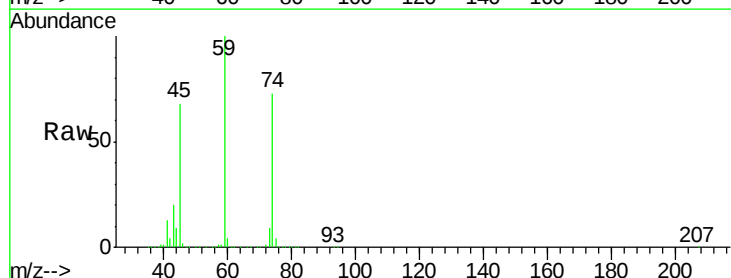
Tgt Ion:101 Resp: 200944
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.2 79.8

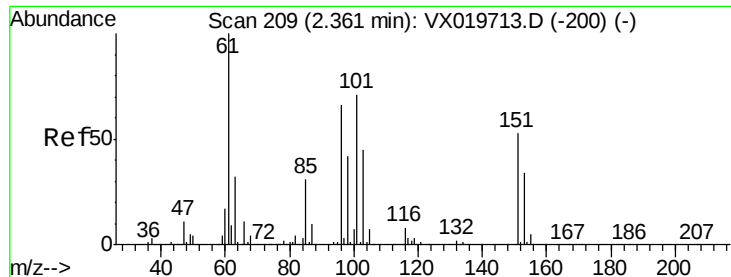


#8

Diethyl Ether
 Concen: 52.395 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 74 Resp: 87161
 Ion Ratio Lower Upper
 74 100
 45 93.4 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.737 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

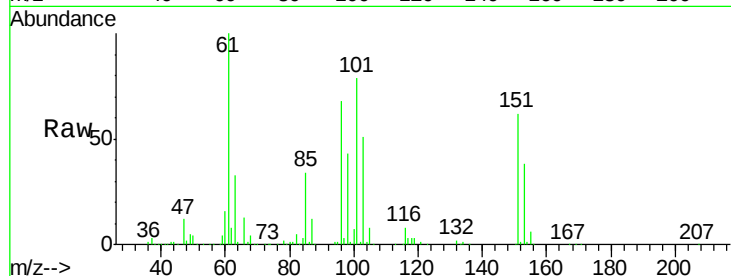
Tgt Ion:101 Resp: 120912

Ion Ratio Lower Upper

101 100

85 43.5 34.9 52.3

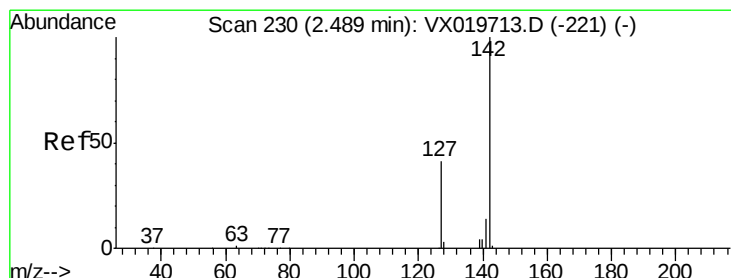
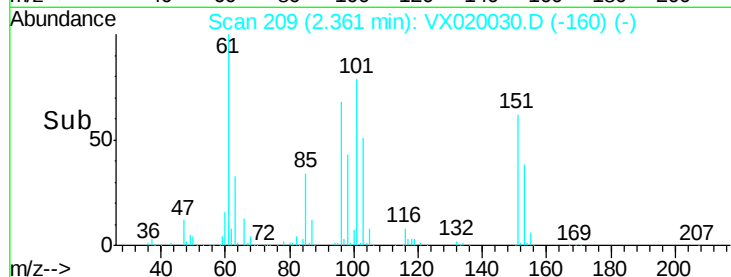
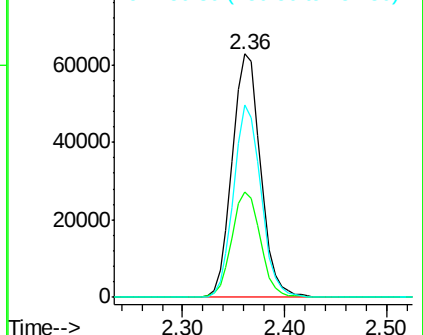
151 76.6 61.4 92.2



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: 29.422 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

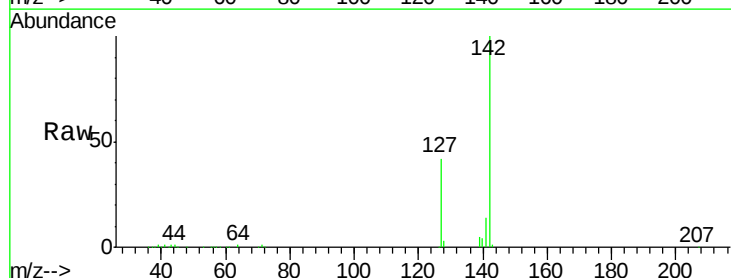
Tgt Ion:142 Resp: 97580

Ion Ratio Lower Upper

142 100

127 42.6 33.3 49.9

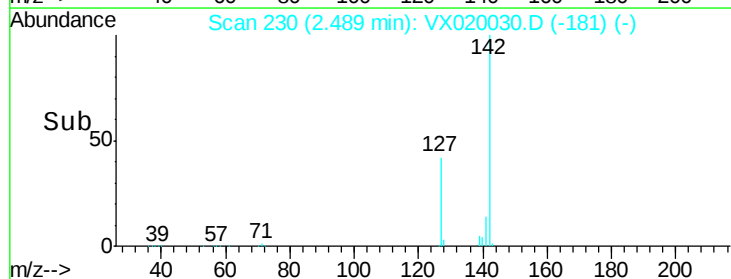
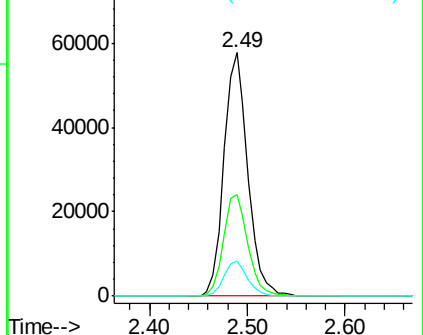
141 14.2 11.4 17.0

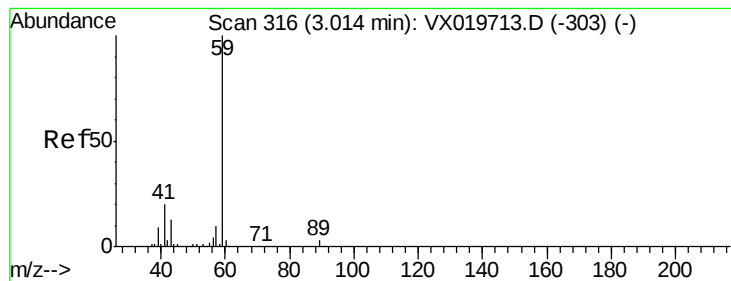


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



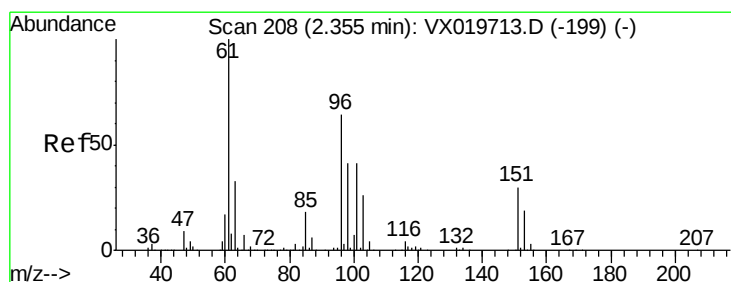
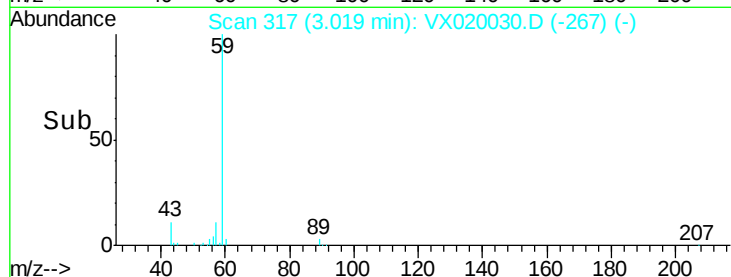
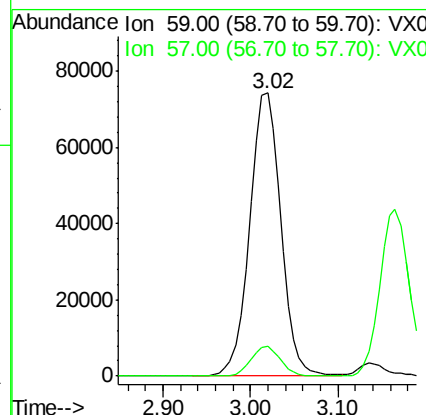
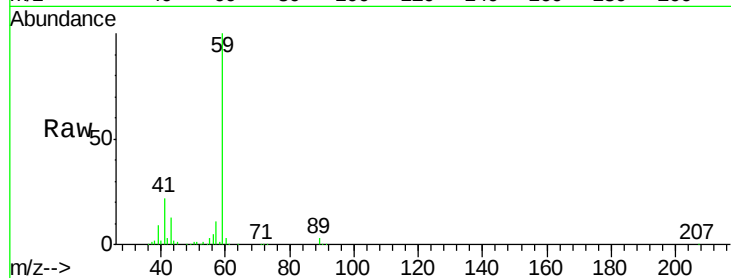


#11

Tert butyl alcohol
 Concen: 274.877 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

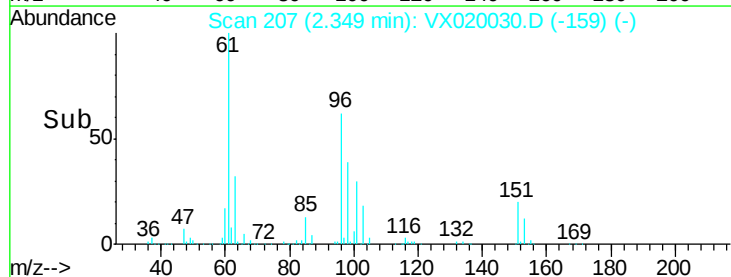
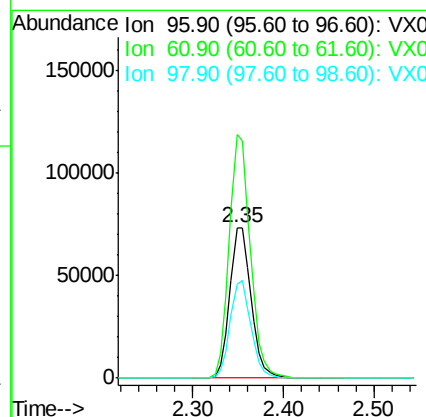
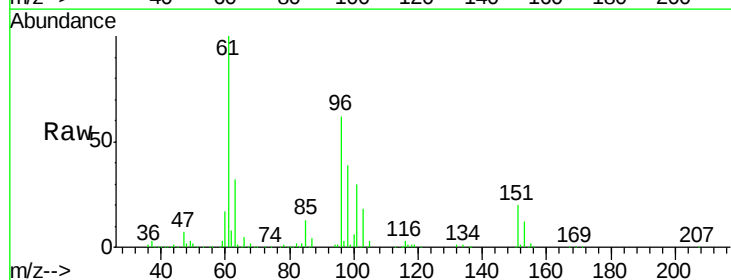
Tgt Ion: 59 Resp: 184228
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8

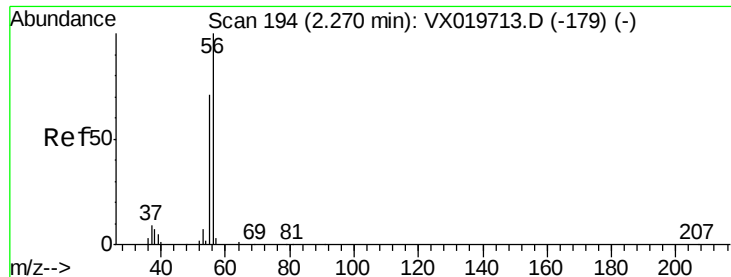


#12

1,1-Dichloroethene
 Concen: 52.689 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 96 Resp: 119858
 Ion Ratio Lower Upper
 96 100
 61 161.8 124.6 187.0
 98 62.4 50.6 76.0





#13

Acrolein

Concen: 248.172 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

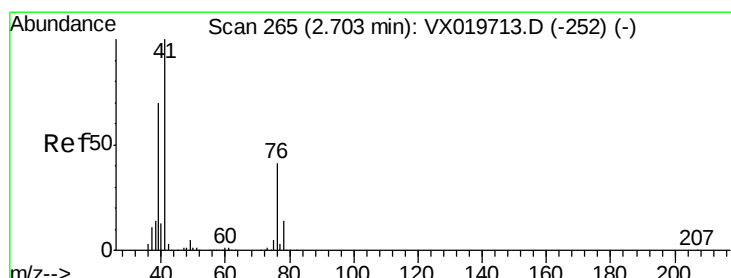
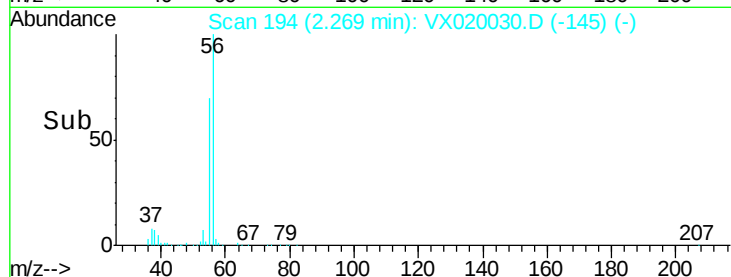
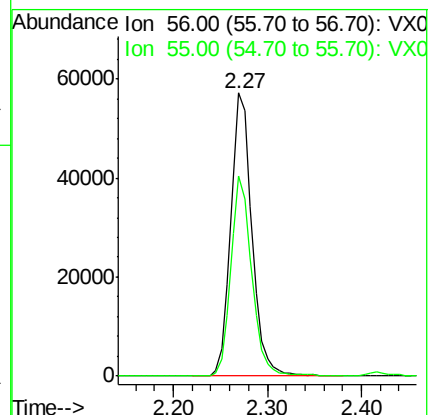
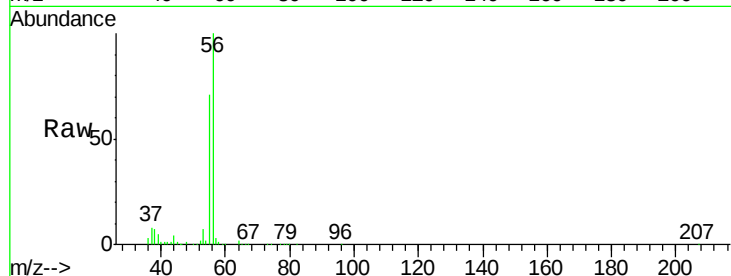
VSTDCCC050EC

Tgt Ion: 56 Resp: 89389

Ion Ratio Lower Upper

56 100

55 68.8 56.4 84.6



#14

Allyl chloride

Concen: 53.579 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

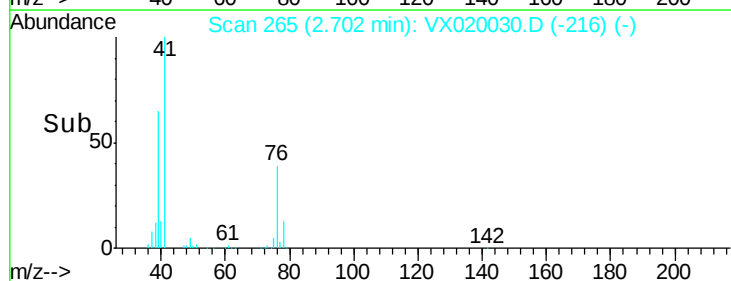
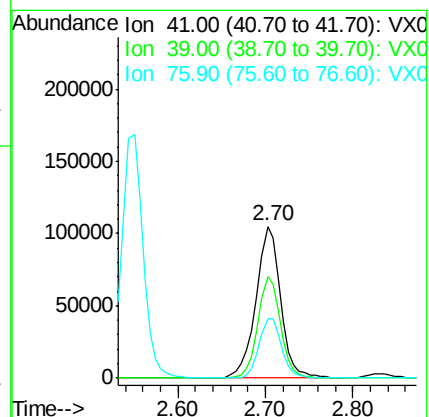
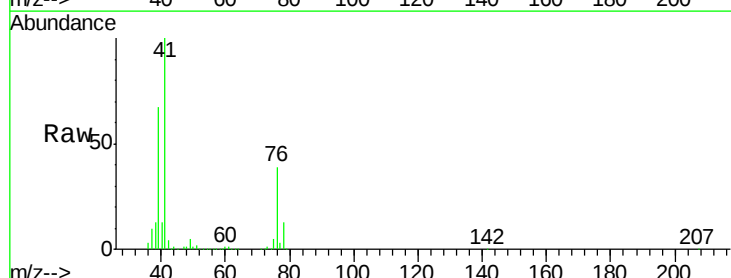
Tgt Ion: 41 Resp: 205848

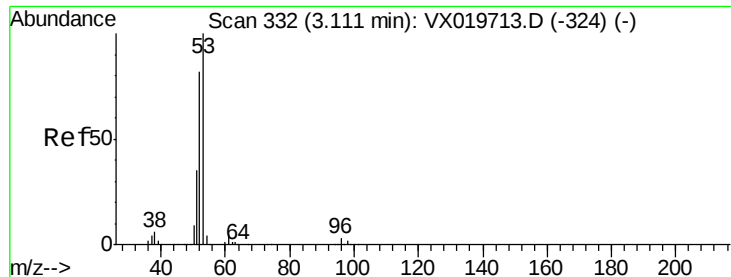
Ion Ratio Lower Upper

41 100

39 61.4 51.6 77.4

76 35.8 30.5 45.7





#15

Acrylonitrile

Concen: 294.141 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

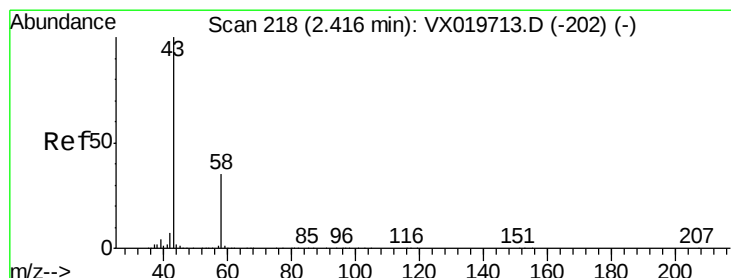
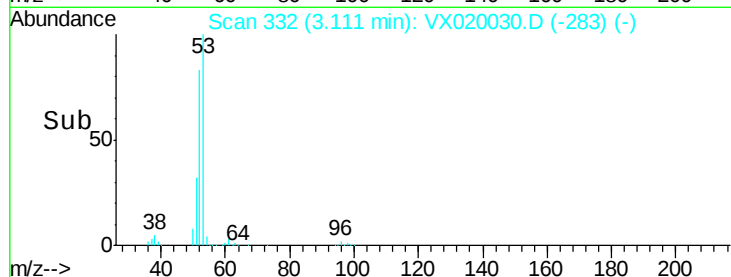
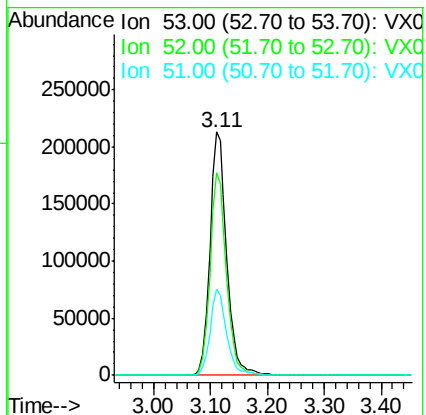
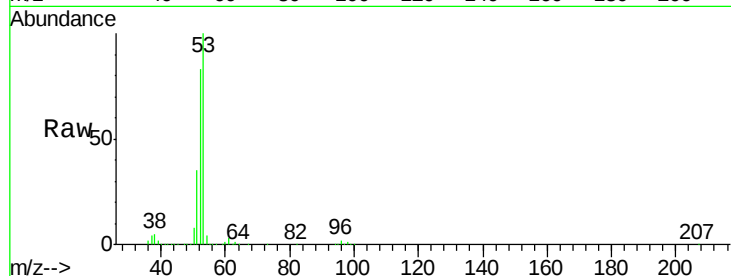
Tgt Ion: 53 Resp: 433912

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

51 35.0 28.2 42.2



#16

Acetone

Concen: 275.621 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020030.D

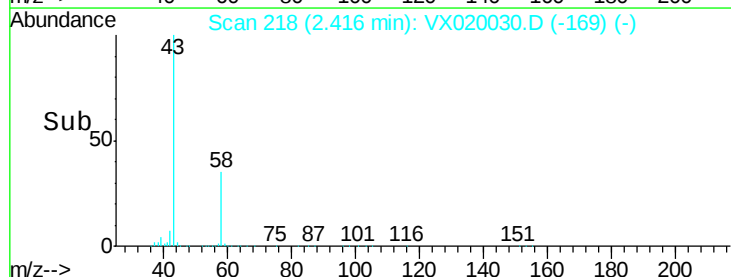
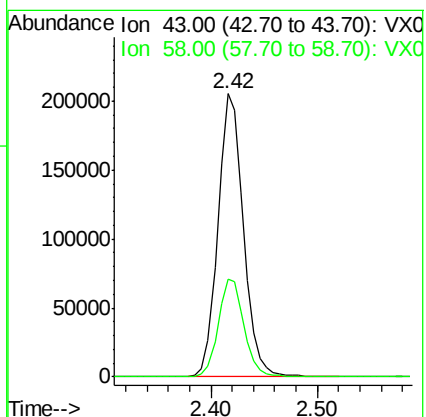
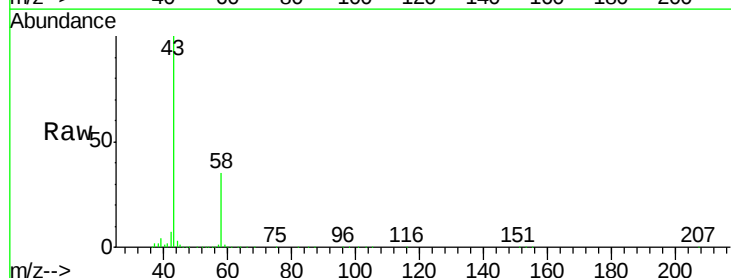
Acq: 15 Dec 2020 22:23

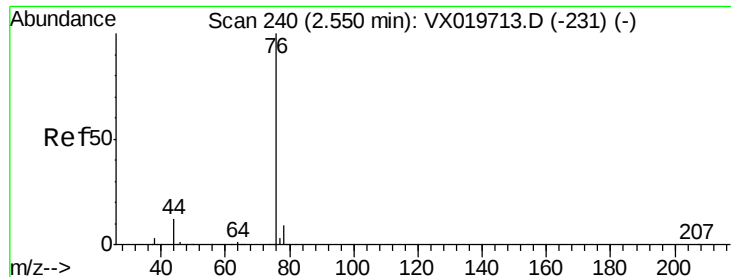
Tgt Ion: 43 Resp: 338059

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8

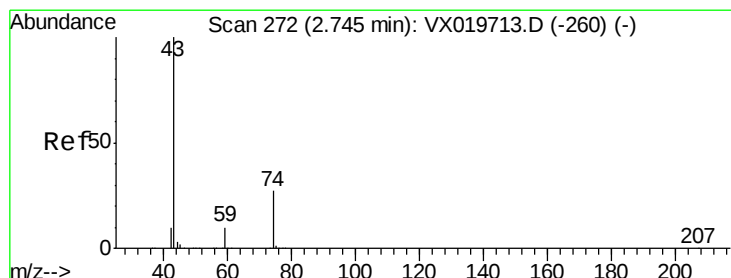
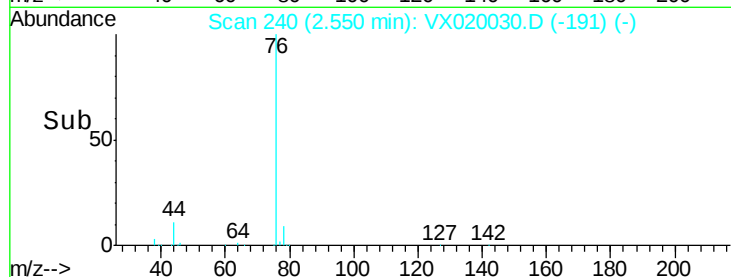
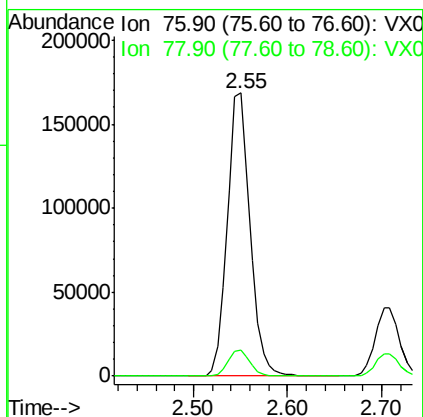
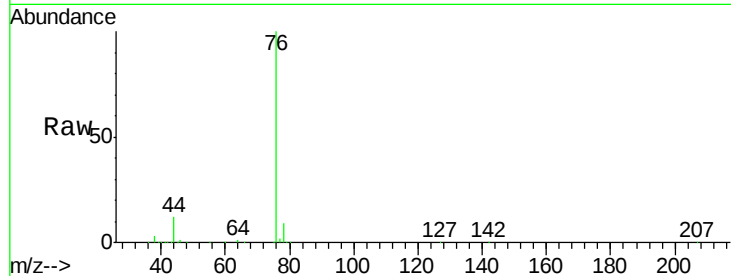




#17
Carbon Disulfide
Concen: 43.369 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

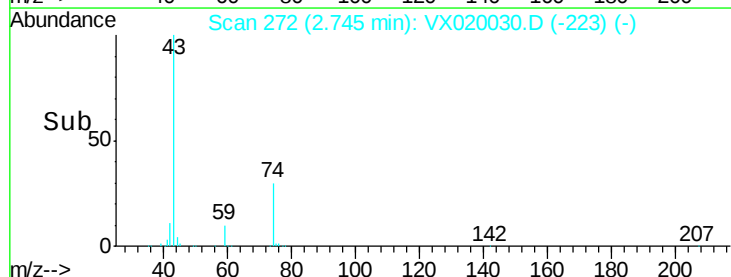
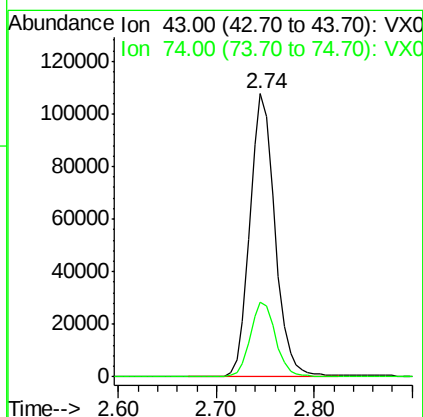
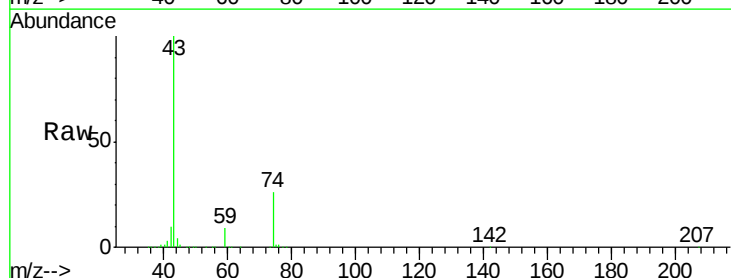
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

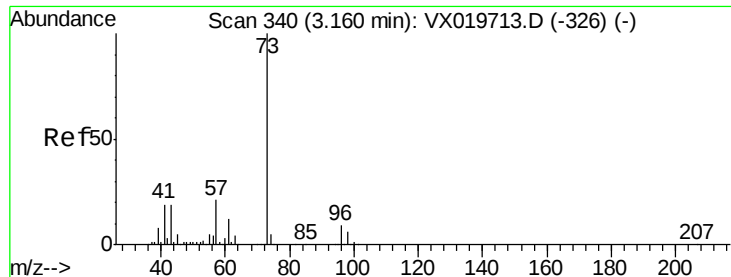
Tgt Ion: 76 Resp: 283076
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 63.879 ug/l
RT: 2.74 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 43 Resp: 191730
Ion Ratio Lower Upper
43 100
74 27.1 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 56.223 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

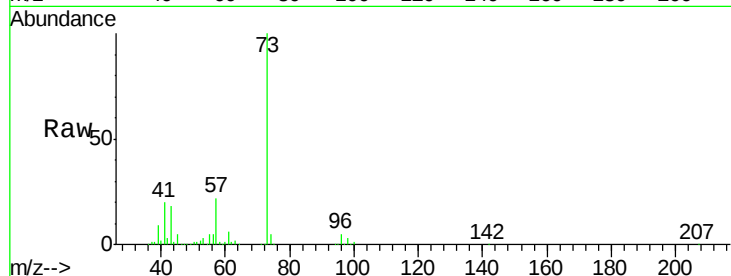
VSTDCCC050EC

Tgt Ion: 73 Resp: 465779

Ion Ratio Lower Upper

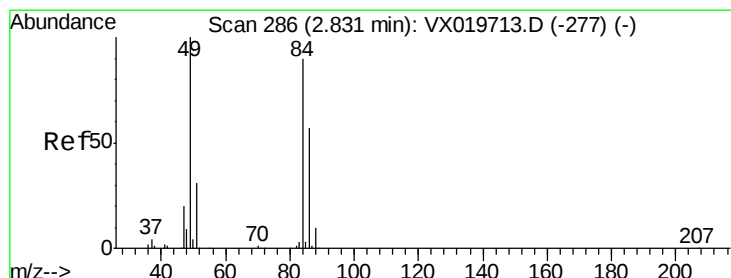
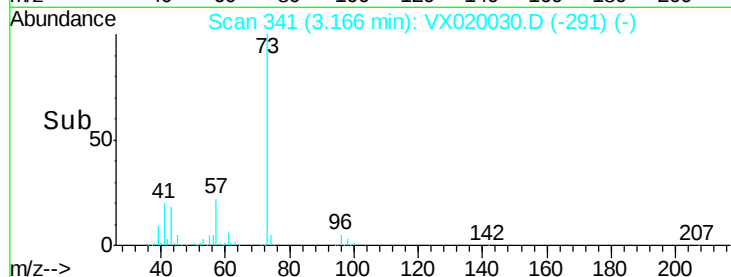
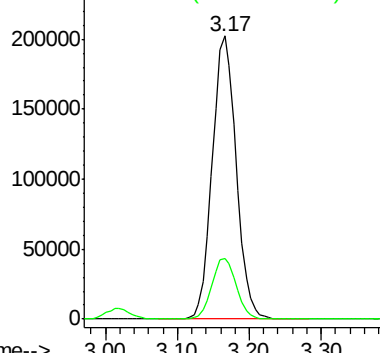
73 100

57 21.5 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 54.740 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Tgt Ion: 84 Resp: 152902

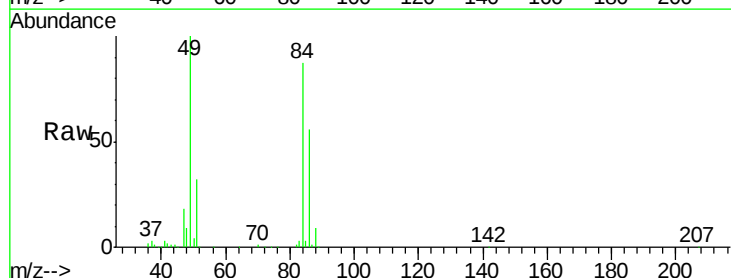
Ion Ratio Lower Upper

84 100

49 115.0 88.6 132.8

51 36.8 27.0 40.6

86 64.4 50.3 75.5

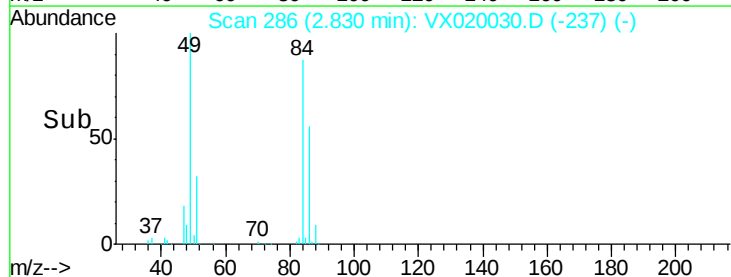
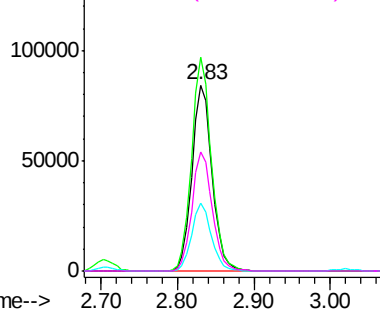


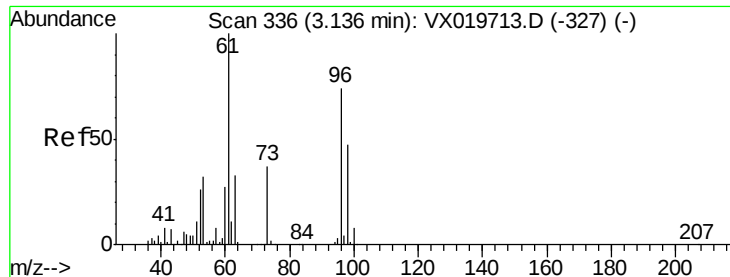
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 51.487 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

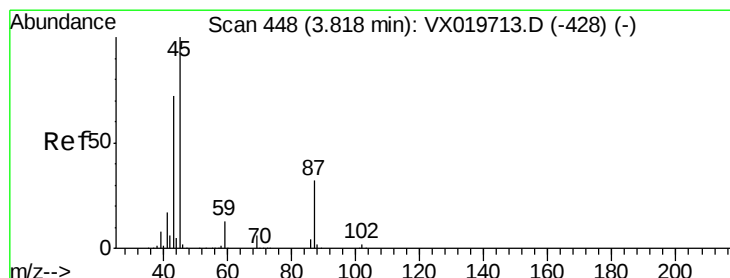
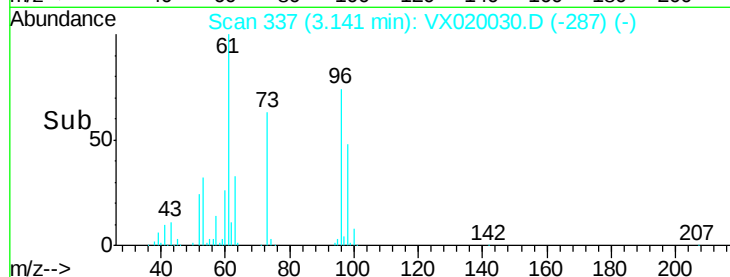
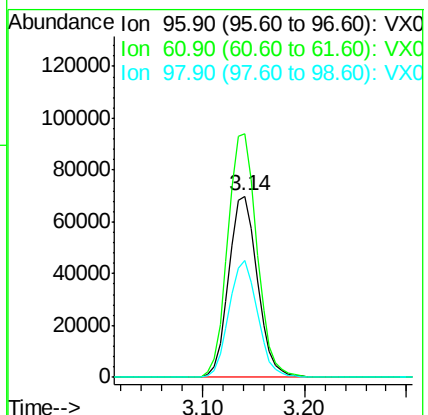
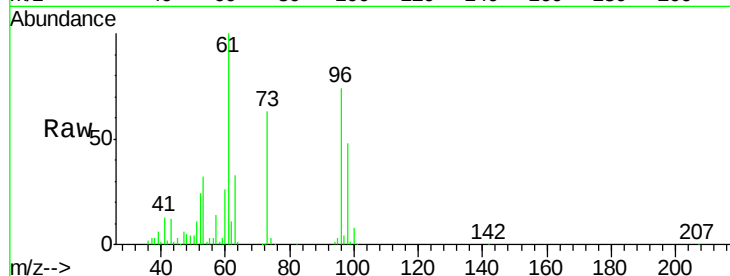
Tgt Ion: 96 Resp: 136547

Ion Ratio Lower Upper

96 100

61 134.2 107.7 161.5

98 64.6 50.4 75.6



#22

Diisopropyl ether

Concen: 58.273 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Tgt Ion: 45 Resp: 452654

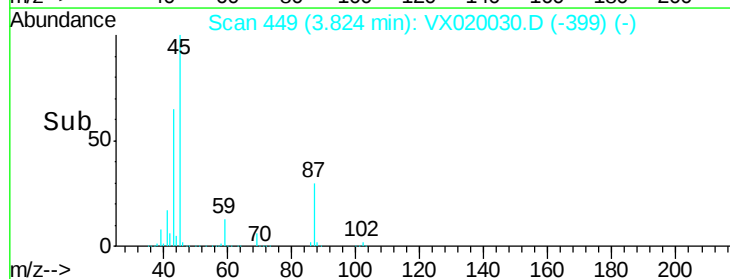
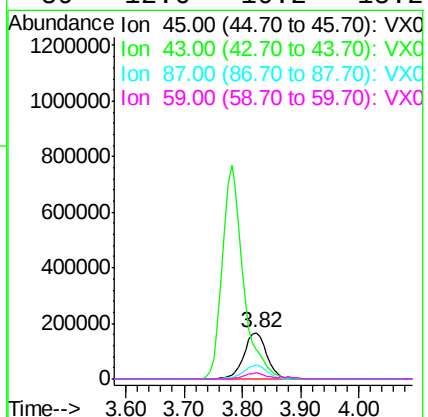
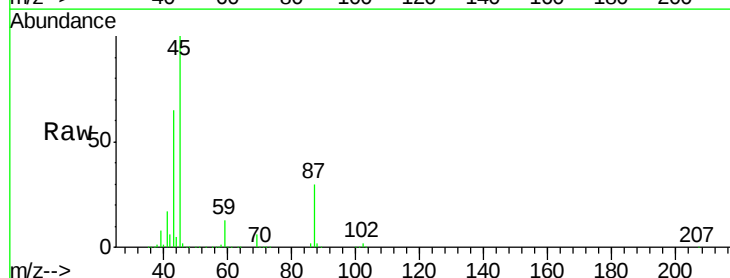
Ion Ratio Lower Upper

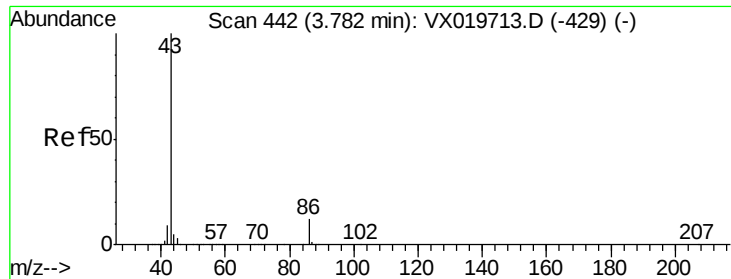
45 100

43 64.6 58.0 87.0

87 30.2 25.4 38.0

59 12.6 10.2 15.2





#23

Vinyl Acetate

Concen: 290.230 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

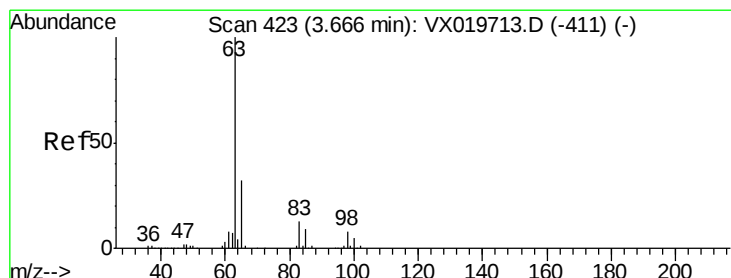
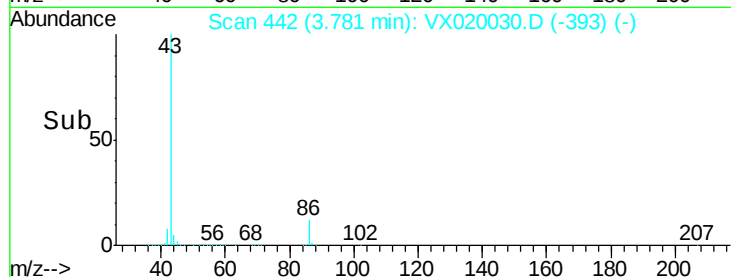
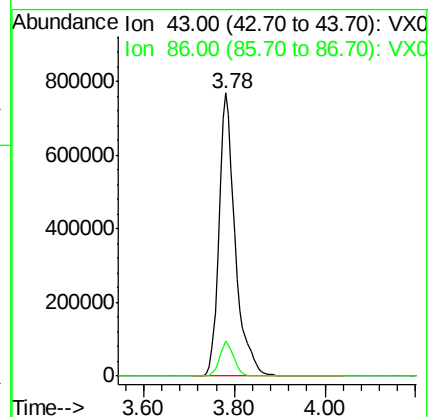
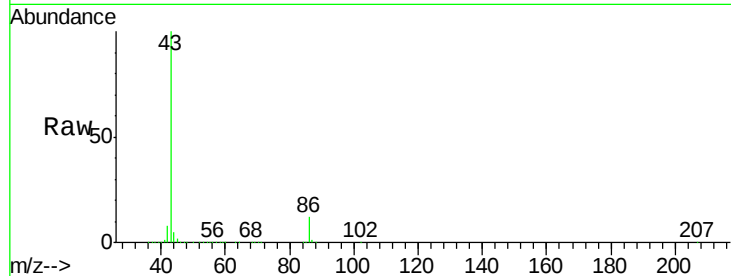
VSTDCCC050EC

Tgt Ion: 43 Resp: 1920694

Ion Ratio Lower Upper

43 100

86 12.2 9.9 14.9



#24

1,1-Dichloroethane

Concen: 55.814 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

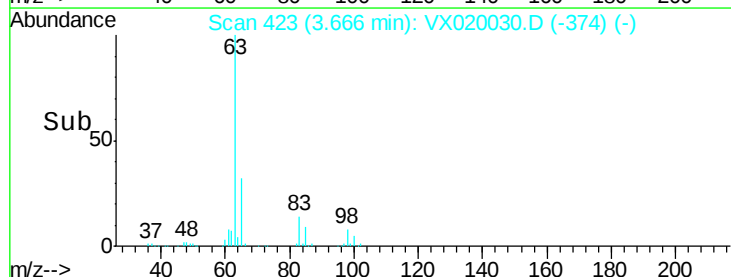
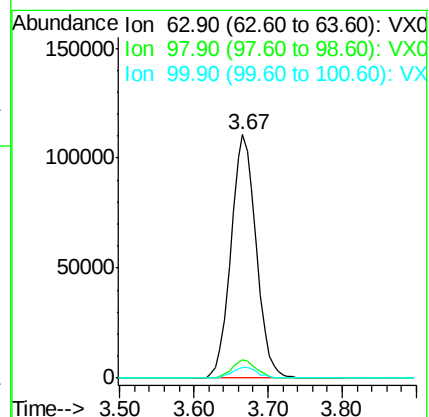
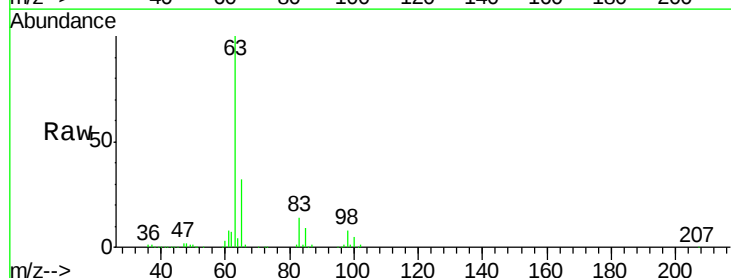
Tgt Ion: 63 Resp: 261444

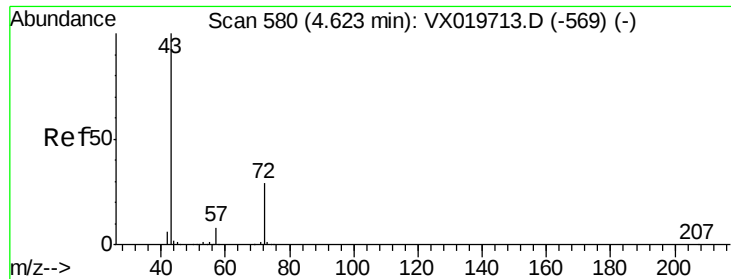
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 4.6 2.5 7.5





#25

2-Butanone

Concen: 292.049 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

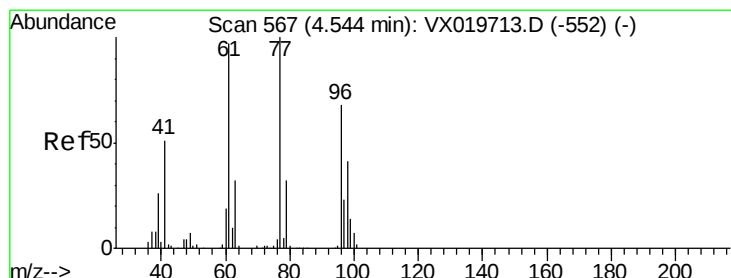
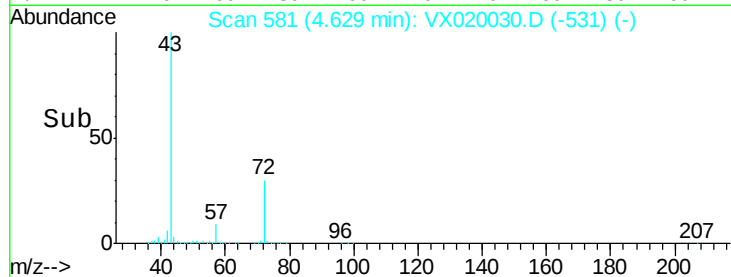
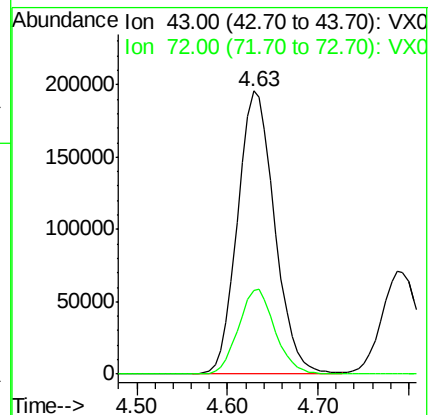
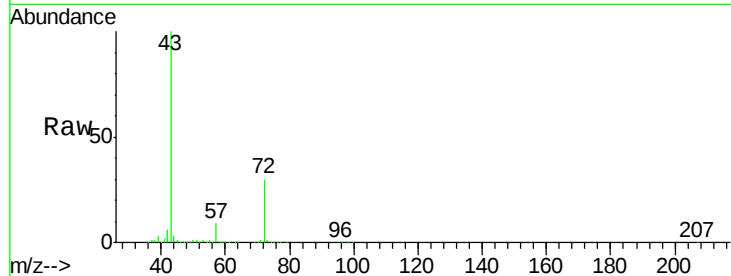
VSTDCCC050EC

Tgt Ion: 43 Resp: 550424

Ion Ratio Lower Upper

43 100

72 29.6 23.7 35.5



#26

2,2-Dichloropropane

Concen: 47.103 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX020030.D

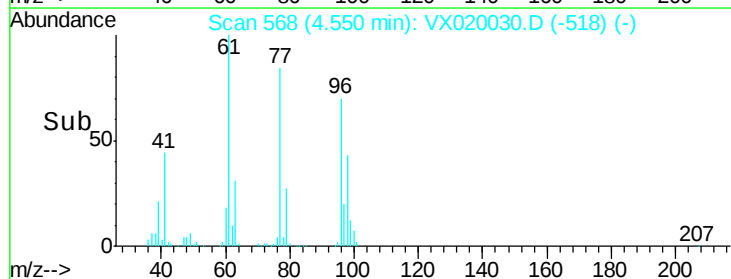
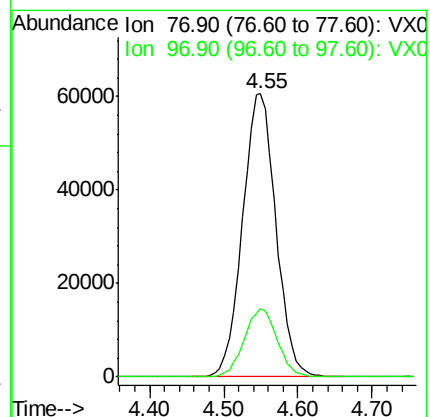
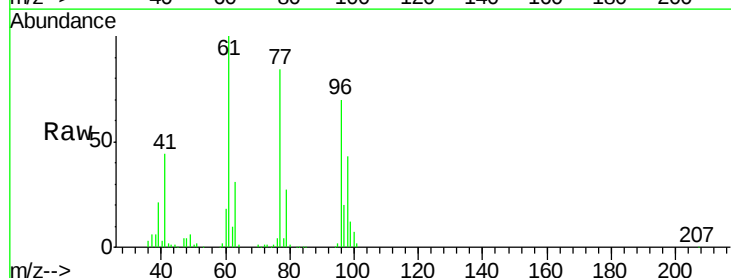
Acq: 15 Dec 2020 22:23

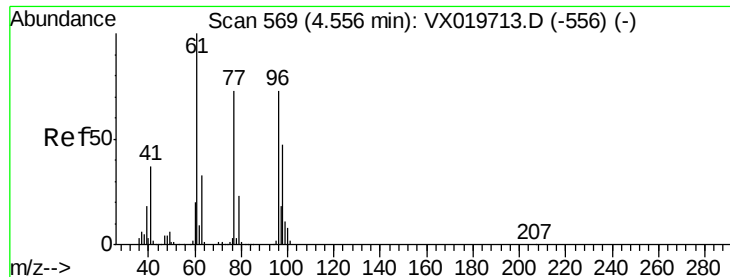
Tgt Ion: 77 Resp: 190008

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.1



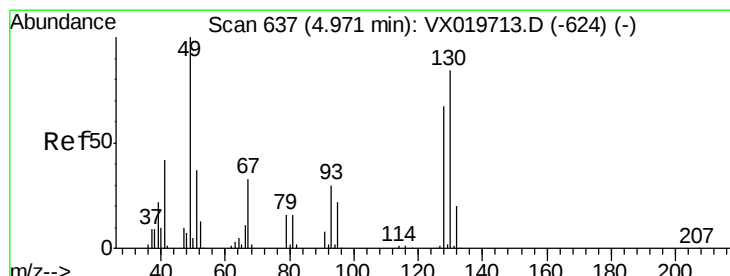
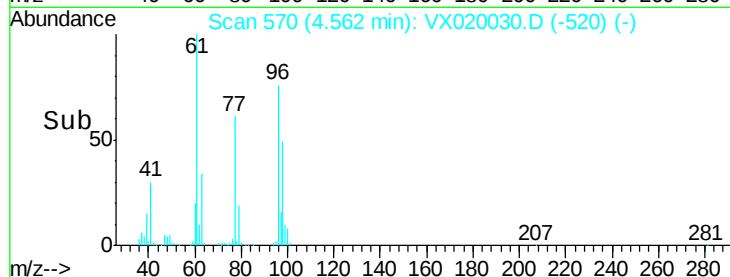
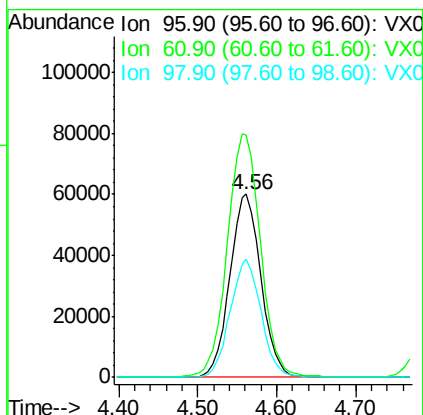
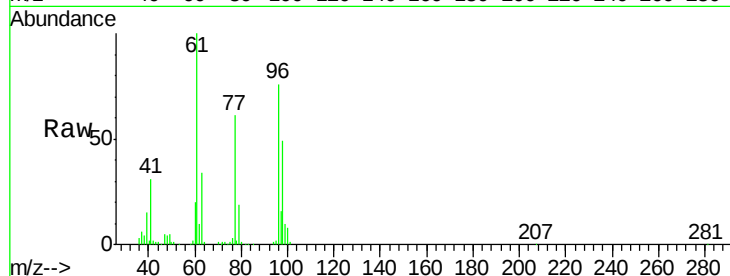


#27

cis-1,2-Dichloroethene
 Concen: 53.239 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

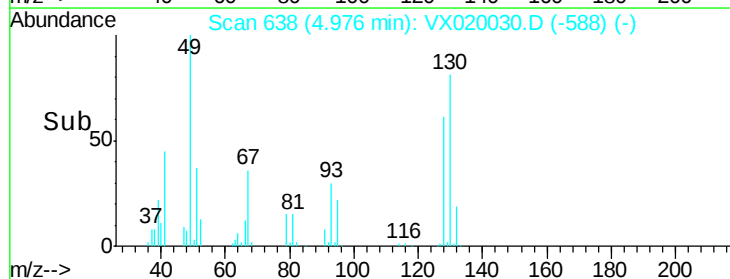
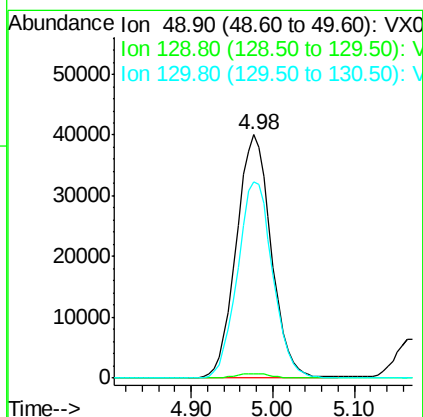
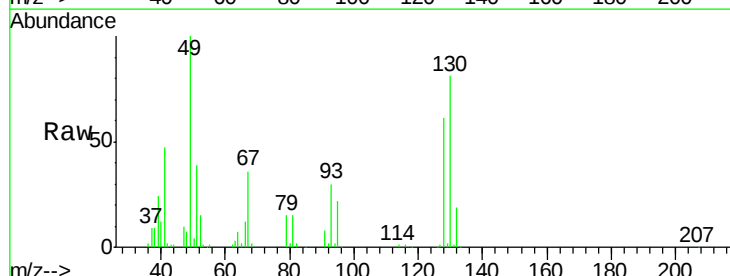
Tgt Ion: 96 Resp: 165233
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 285.6
 98 63.9 0.0 129.6

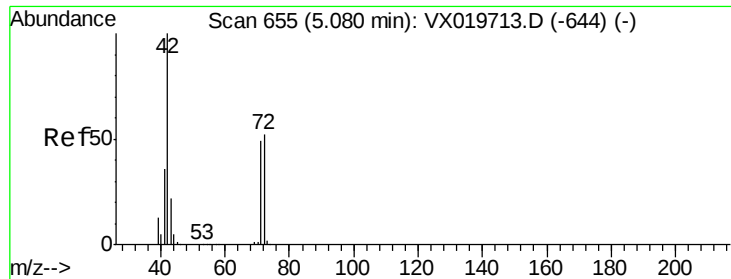


#28

Bromochloromethane
 Concen: 53.332 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 49 Resp: 119091
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 81.6 68.2 102.2

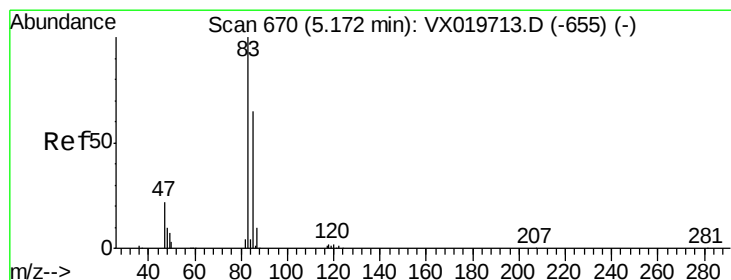
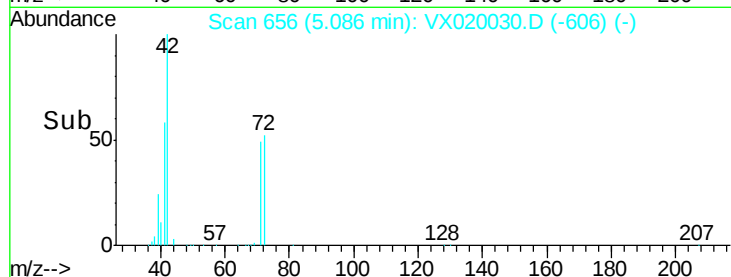
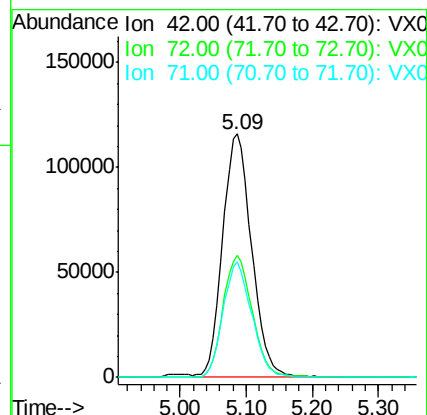
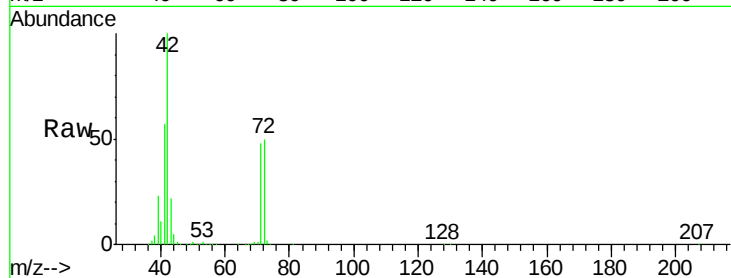




#29
Tetrahydrofuran
Concen: 289.373 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

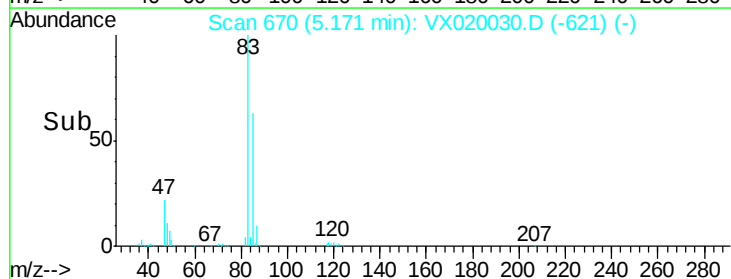
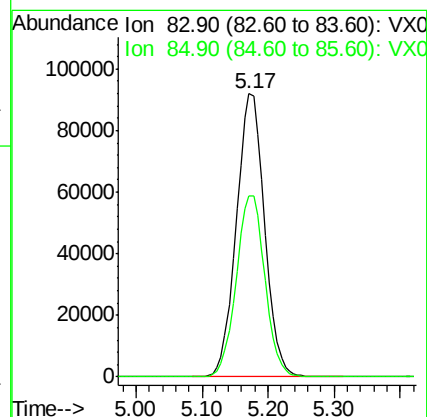
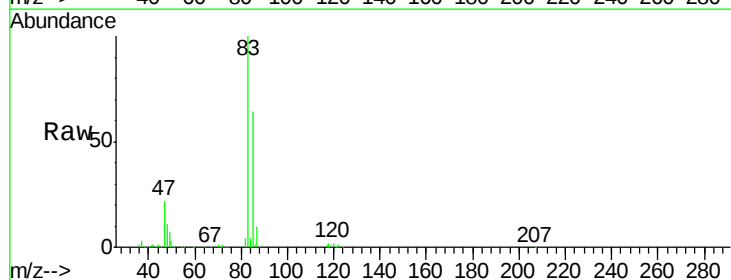
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

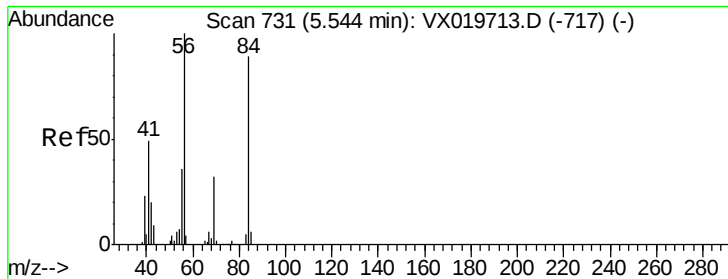
Tgt Ion: 42 Resp: 351382
Ion Ratio Lower Upper
42 100
72 50.8 41.7 62.5
71 47.1 38.4 57.6



#30
Chloroform
Concen: 56.409 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 83 Resp: 271691
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0

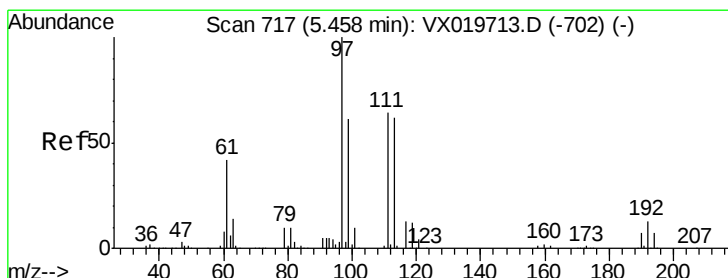
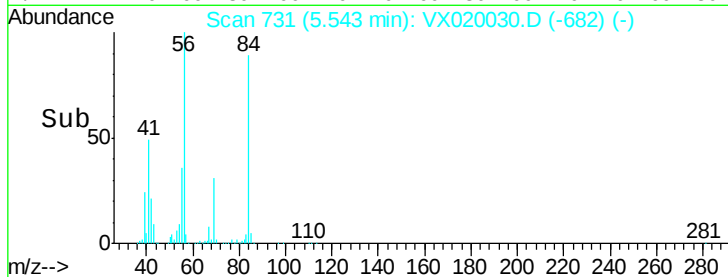
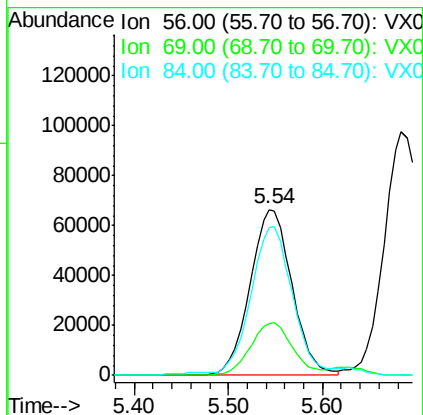
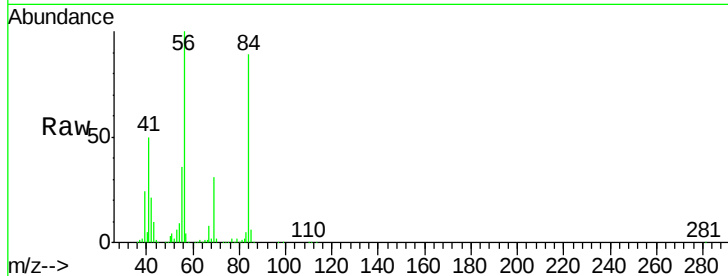




#31
Cyclohexane
Concen: 50.900 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

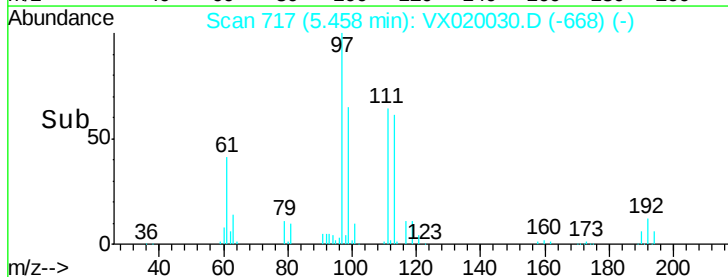
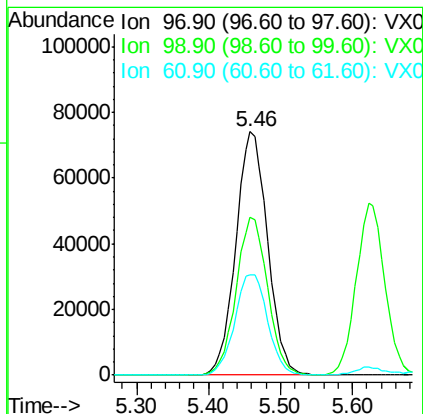
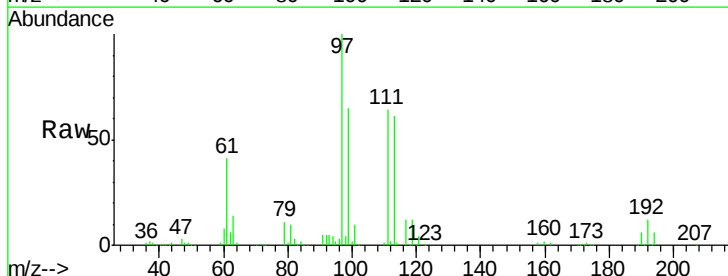
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

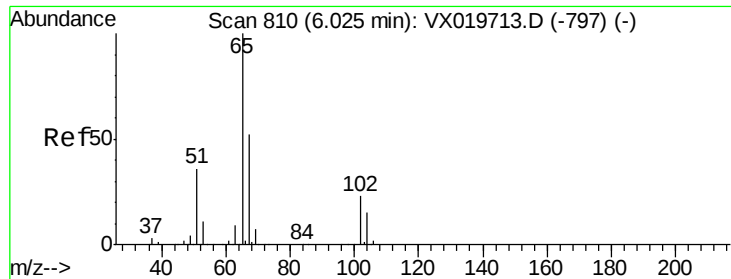
Tgt Ion: 56 Resp: 206610
Ion Ratio Lower Upper
56 100
69 31.2 25.3 37.9
84 87.1 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 54.594 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 97 Resp: 226447
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 43.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.887 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

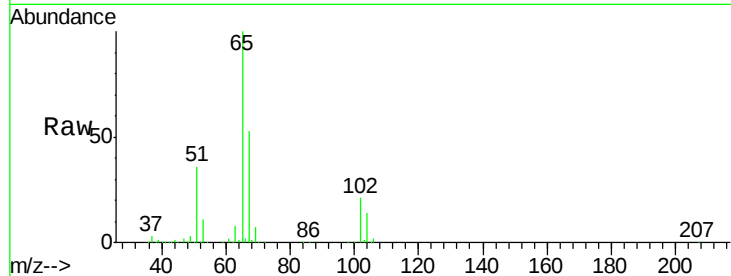
VSTDCCC050EC

Tgt Ion: 65 Resp: 162789

Ion Ratio Lower Upper

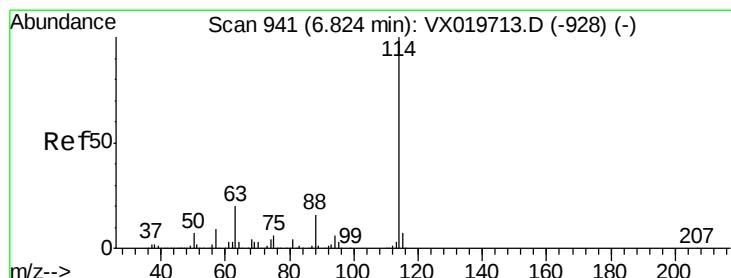
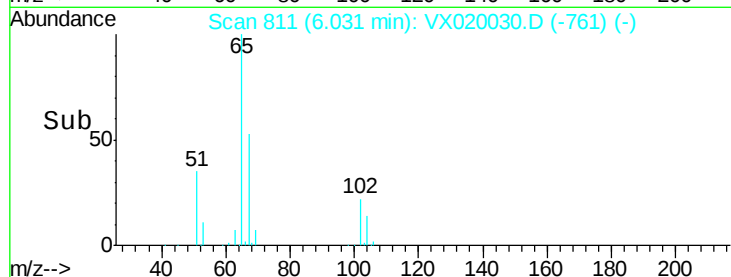
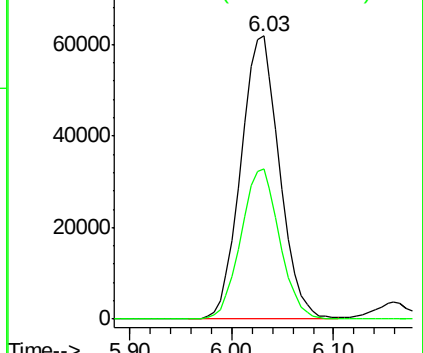
65 100

67 53.3 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

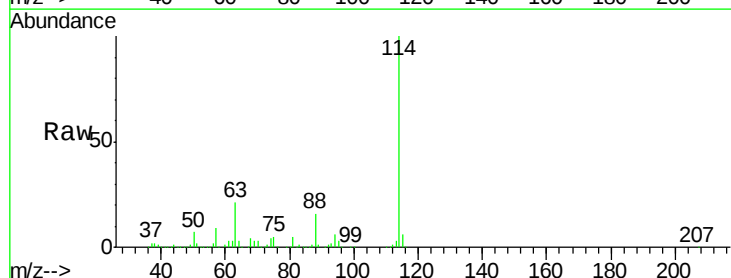
Tgt Ion: 114 Resp: 419754

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

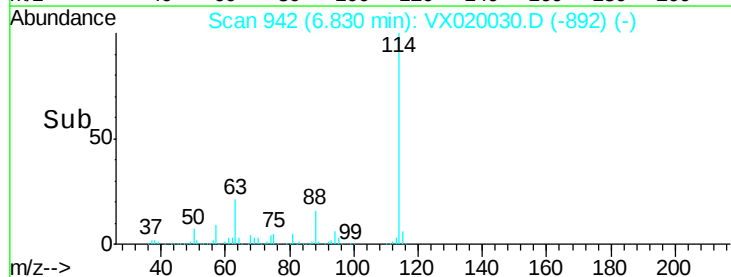
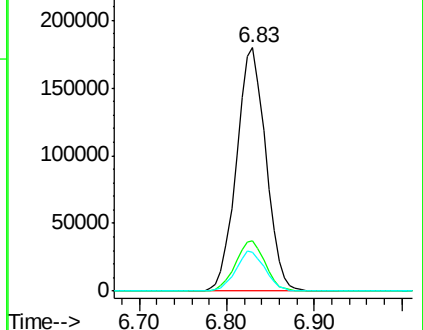
88 16.2 0.0 32.8

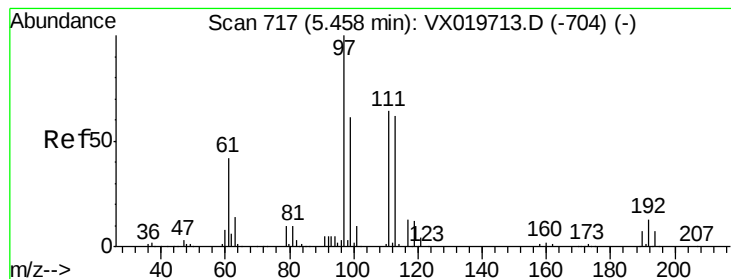


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.692 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

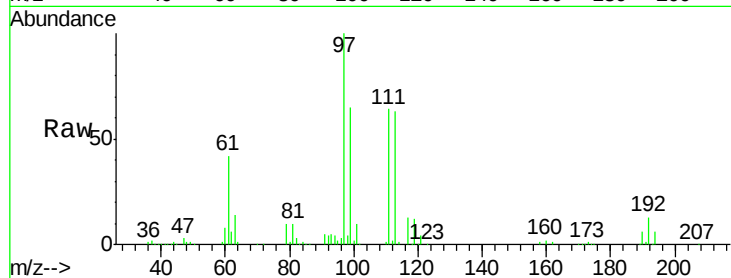
Tgt Ion:113 Resp: 132093

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

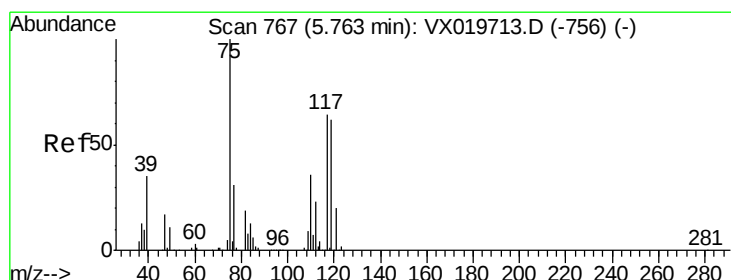
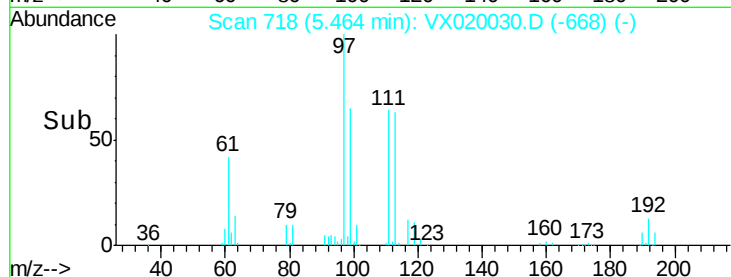
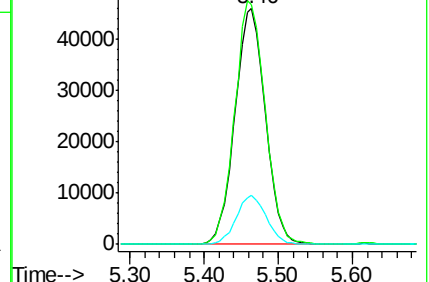
192 20.5 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.157 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

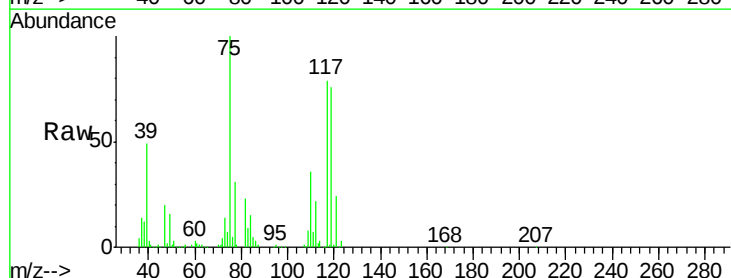
Tgt Ion: 75 Resp: 186456

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.4

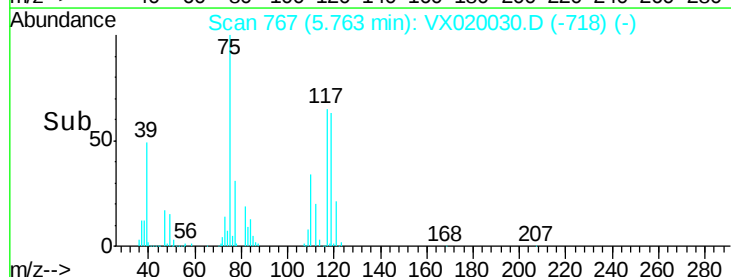
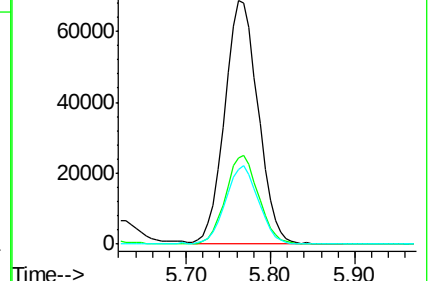
77 31.7 25.3 37.9

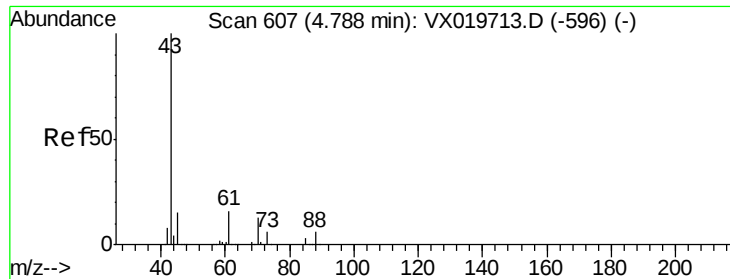


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

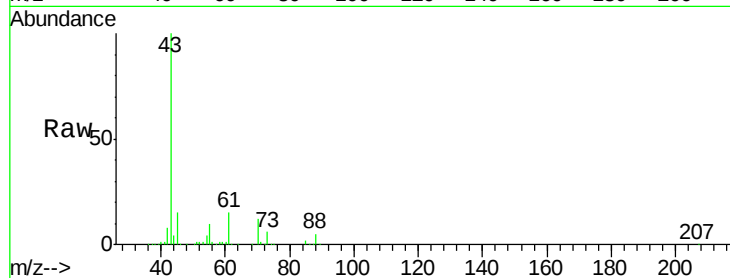




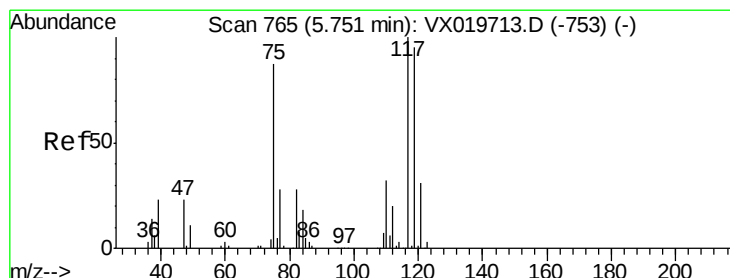
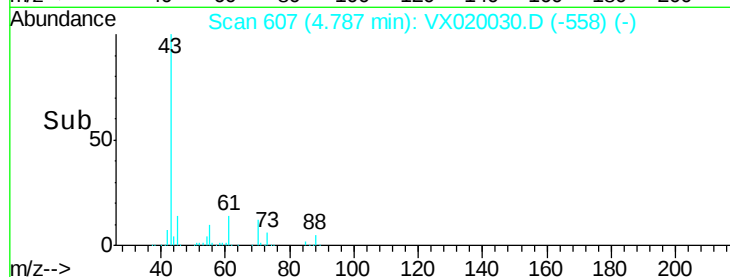
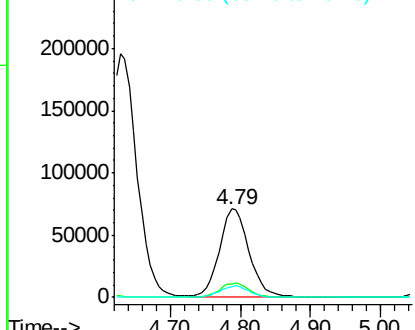
#37
Ethyl Acetate
Concen: 54.493 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 208692
Ion Ratio Lower Upper
43 100
61 15.9 12.8 19.2
70 12.7 10.5 15.7

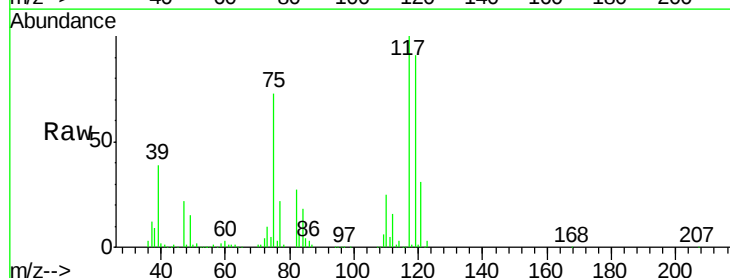


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

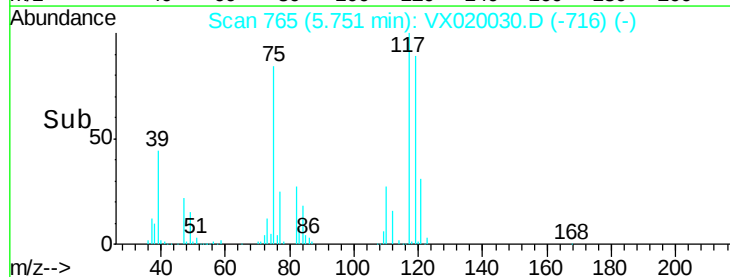
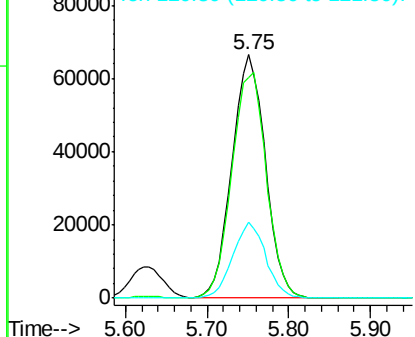


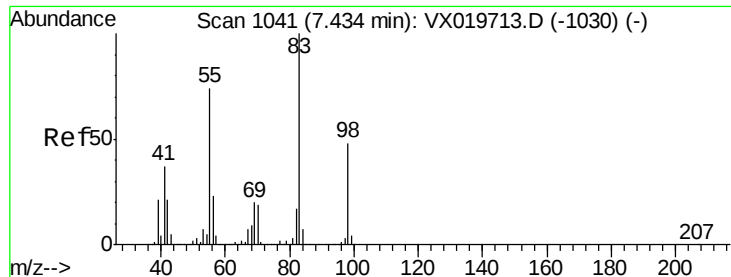
#38
Carbon Tetrachloride
Concen: 51.016 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 117 Resp: 189491
Ion Ratio Lower Upper
117 100
119 90.5 76.2 114.2
121 31.0 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

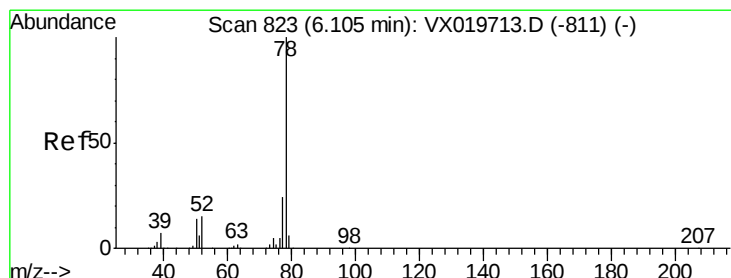
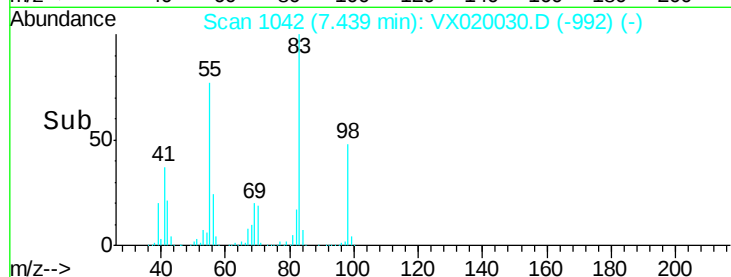
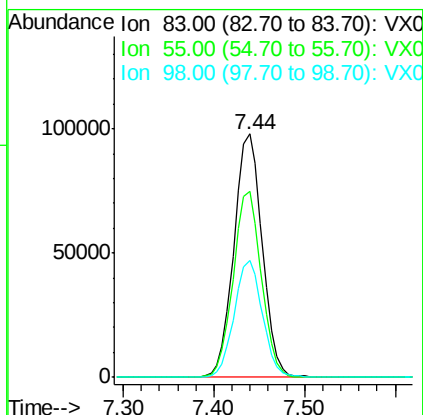
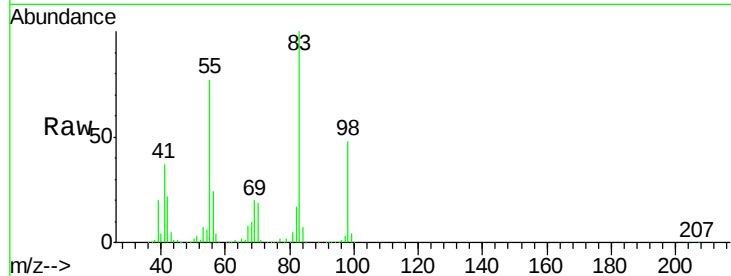




#39
Methylcyclohexane
Concen: 47.620 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

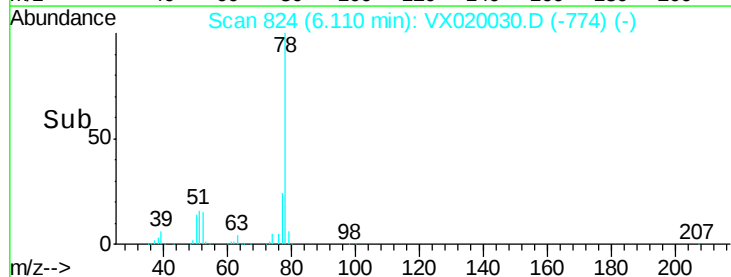
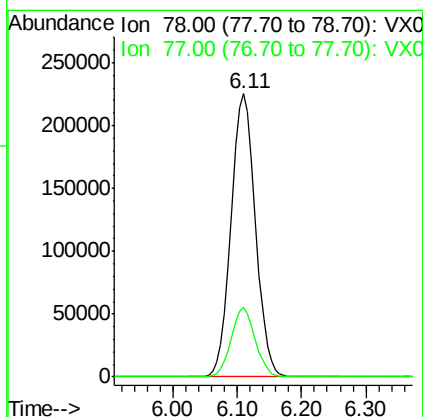
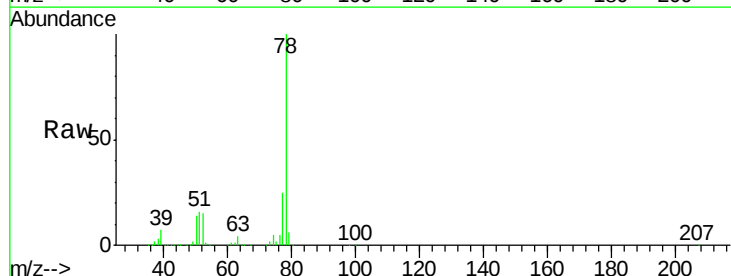
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

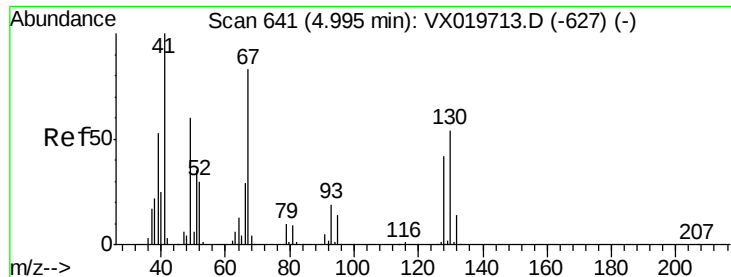
Tgt Ion: 83 Resp: 212213
Ion Ratio Lower Upper
83 100
55 76.5 58.9 88.3
98 48.1 38.1 57.1



#40
Benzene
Concen: 51.587 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 78 Resp: 597722
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3





#41

Methacrylonitrile

Concen: 54.395 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 114375

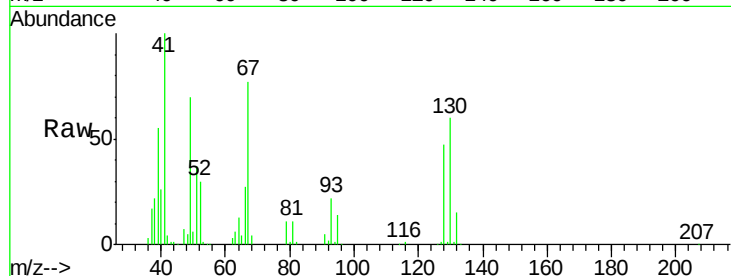
Ion Ratio Lower Upper

41 100

39 54.6 42.5 63.7

67 82.0 65.0 97.6

52 32.1 25.3 37.9

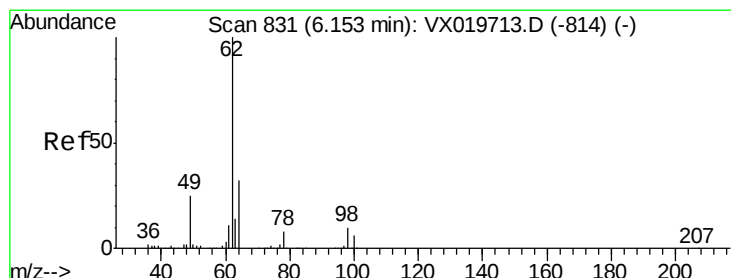
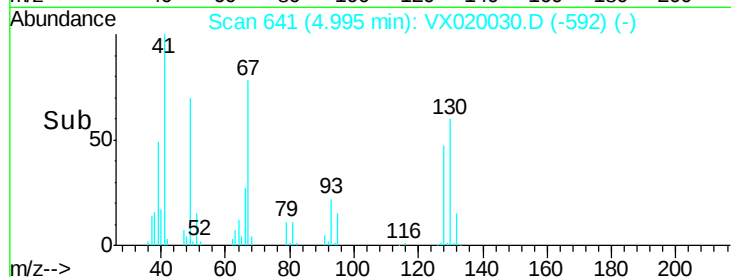
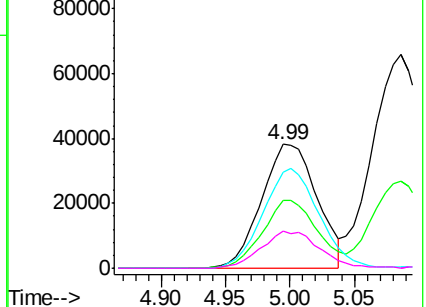


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.605 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX020030.D

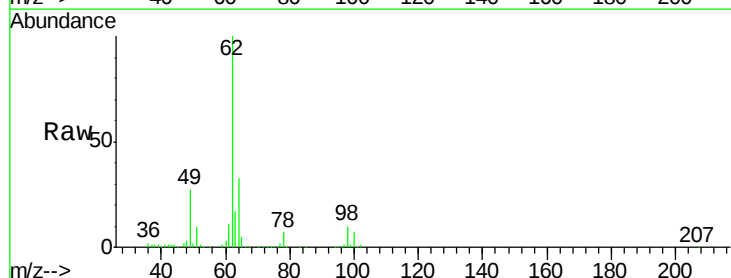
Acq: 15 Dec 2020 22:23

Tgt Ion: 62 Resp: 208250

Ion Ratio Lower Upper

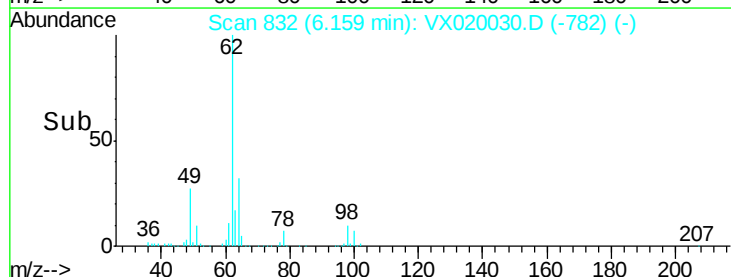
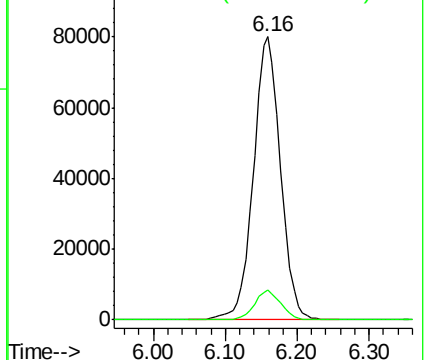
62 100

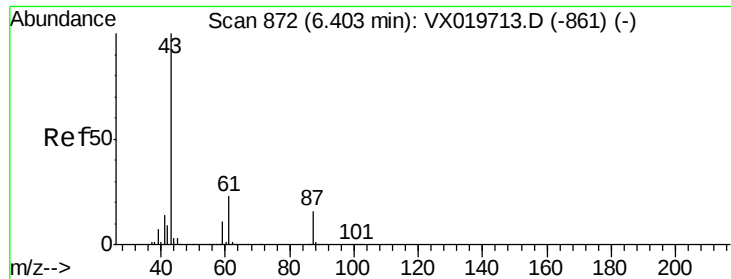
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.717 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

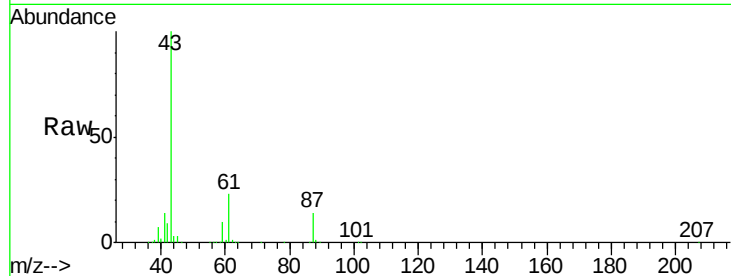
Tgt Ion: 43 Resp: 334456

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

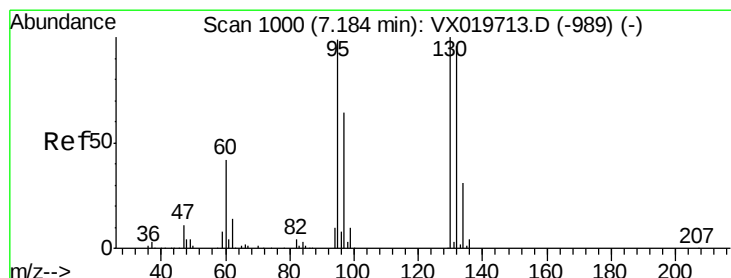
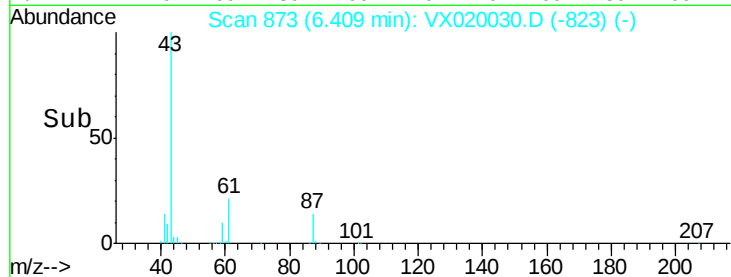
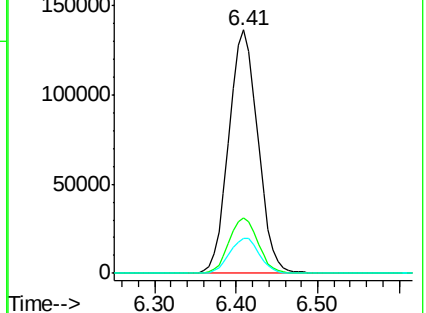
87 14.9 12.5 18.7



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: 48.608 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX020030.D

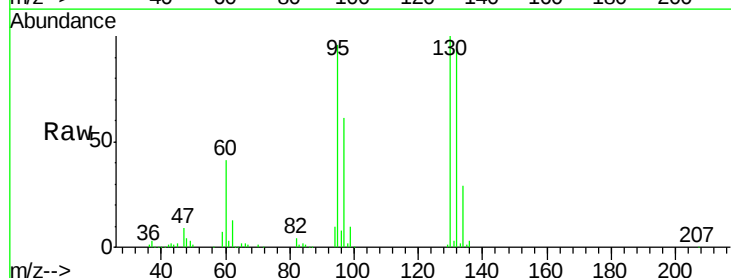
Acq: 15 Dec 2020 22:23

Tgt Ion: 130 Resp: 147770

Ion Ratio Lower Upper

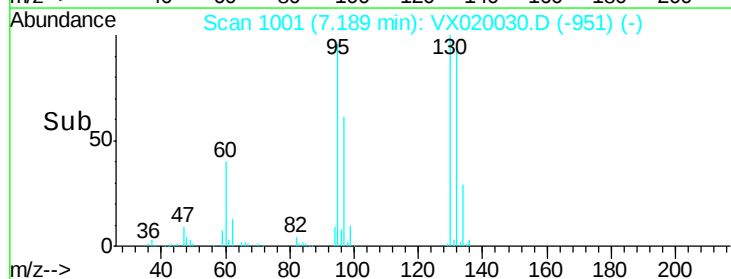
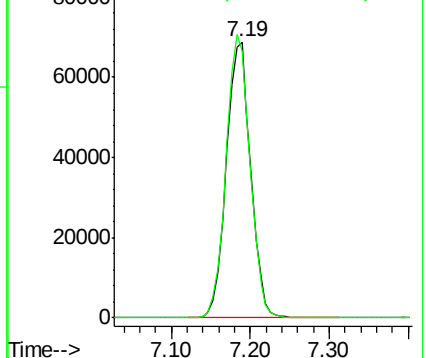
130 100

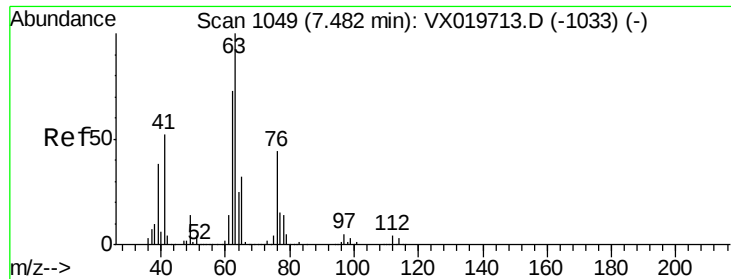
95 96.3 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

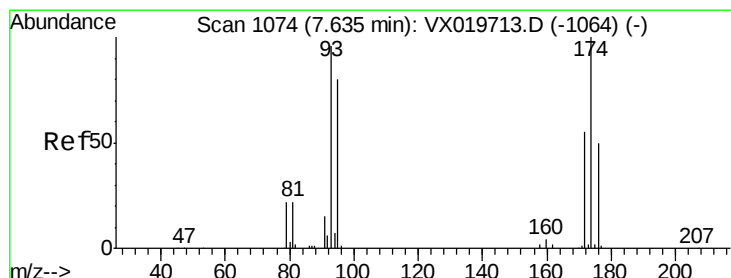
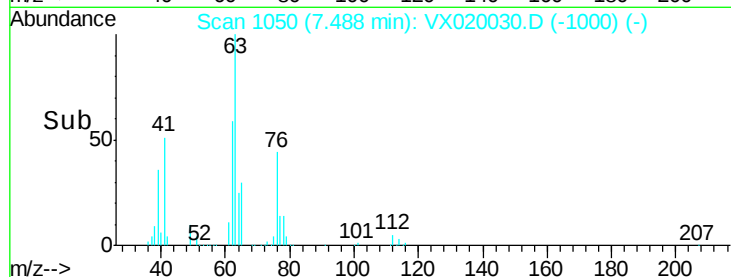
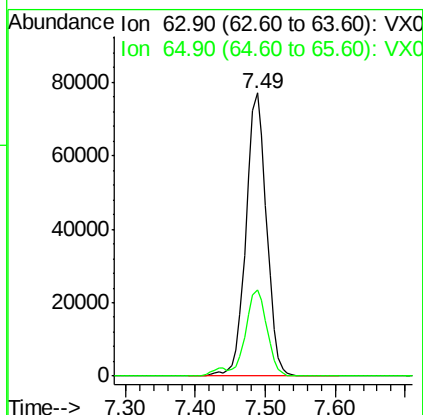
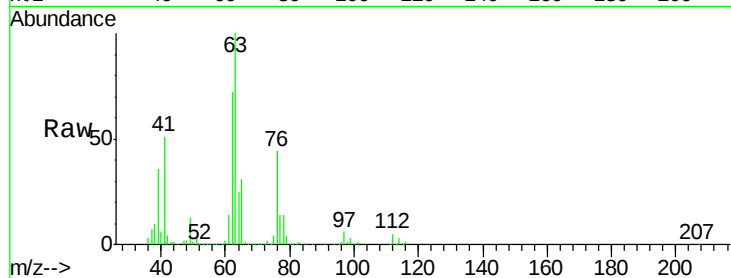




#45
 1,2-Dichloropropane
 Concen: 54.328 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

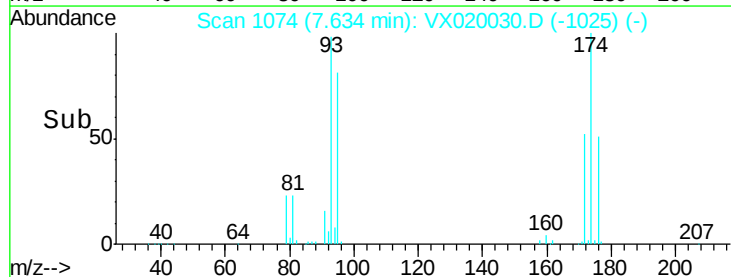
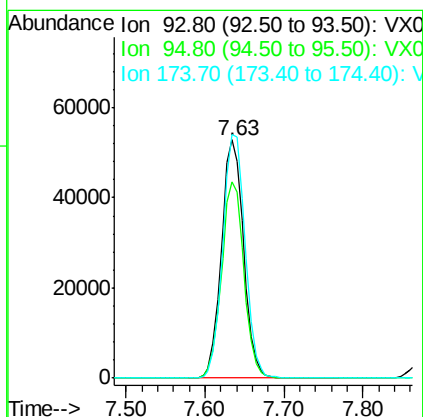
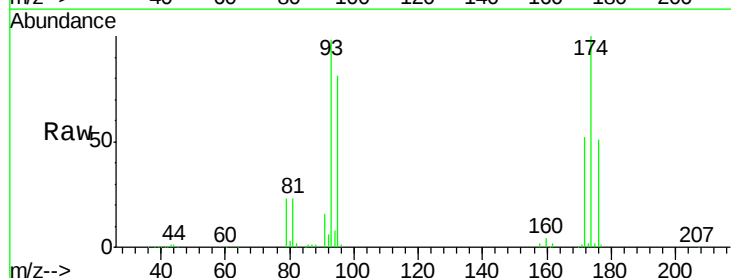
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

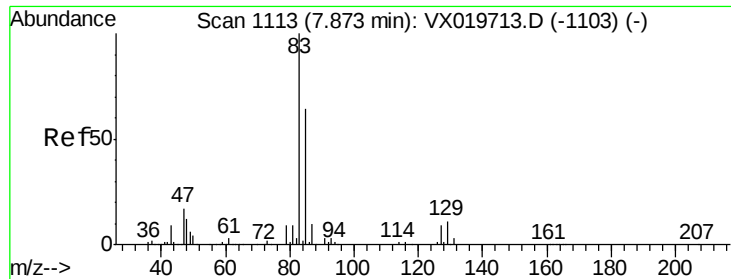
Tgt Ion: 63 Resp: 157324
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.7 38.5



#46
 Dibromomethane
 Concen: 52.793 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 93 Resp: 103241
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 103.6 83.1 124.7





#47

Bromodichloromethane

Concen: 54.500 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

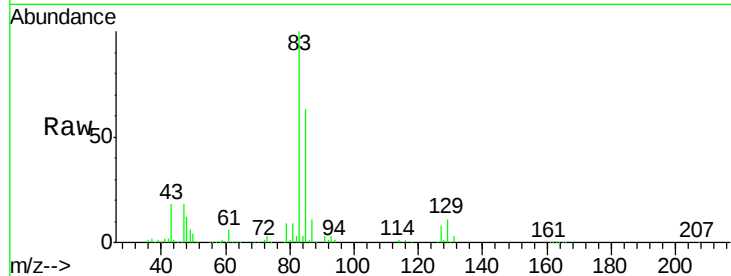
Tgt Ion: 83 Resp: 211488

Ion Ratio Lower Upper

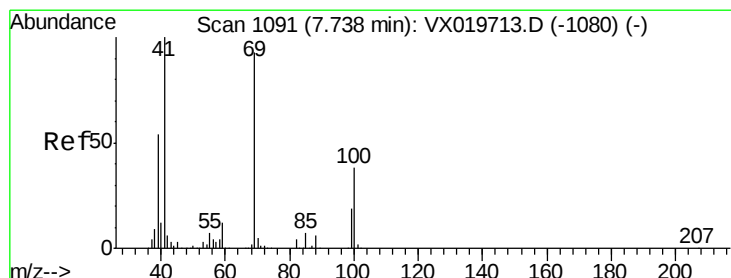
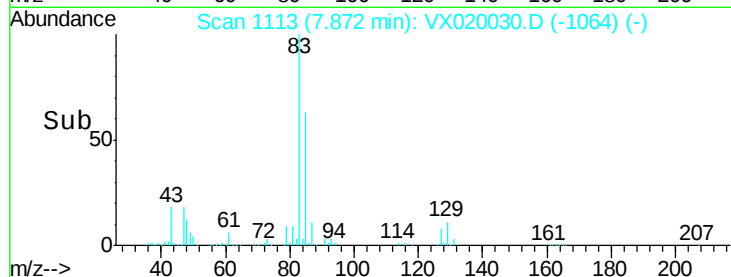
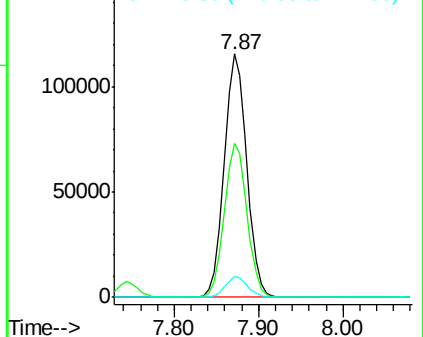
83 100

85 63.4 51.4 77.0

127 8.3 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: 54.585 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

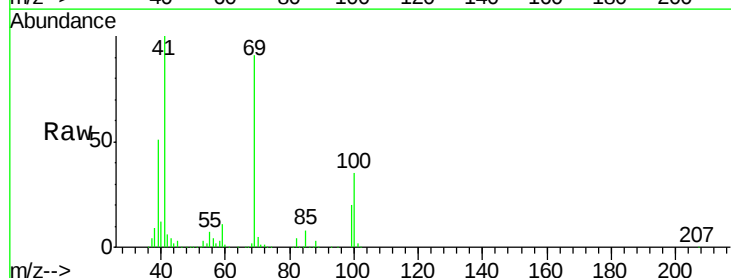
Tgt Ion: 41 Resp: 167148

Ion Ratio Lower Upper

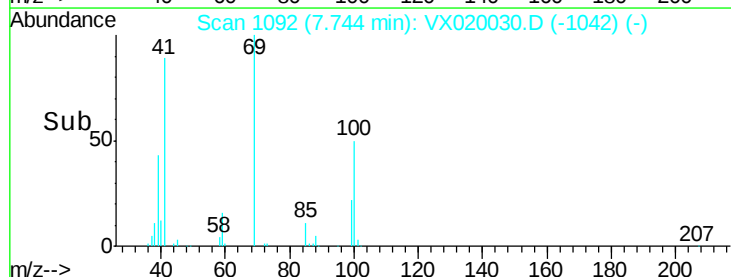
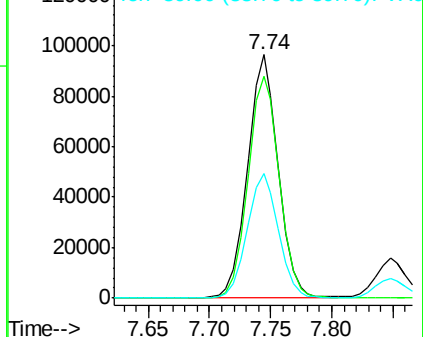
41 100

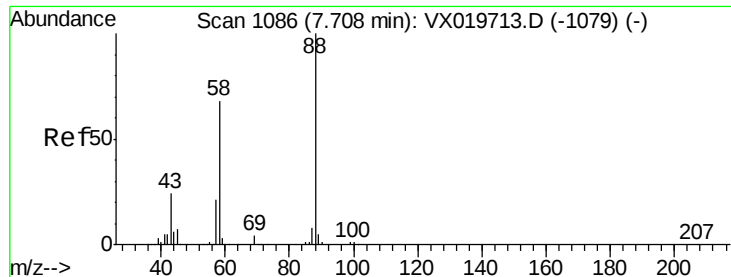
69 93.5 76.0 114.0

39 52.9 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

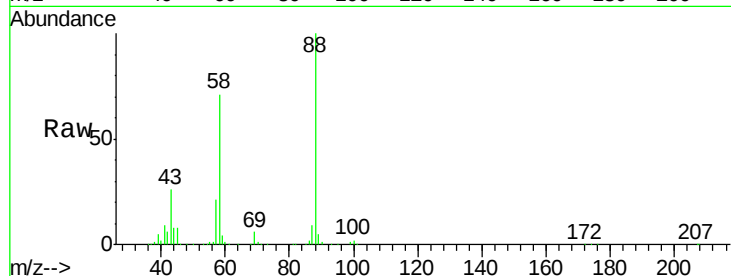




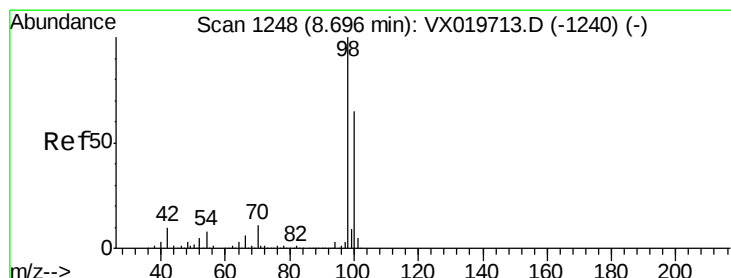
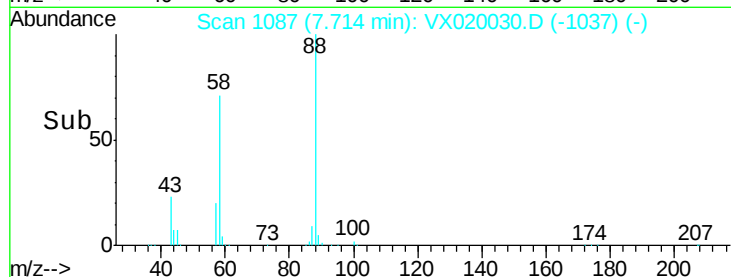
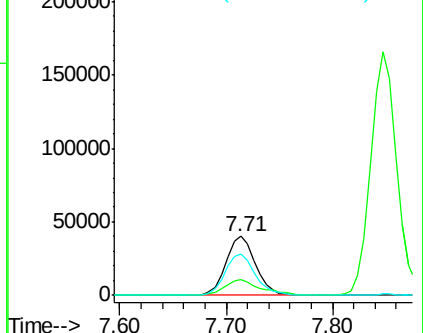
#49
1,4-Dioxane
Concen: 1056.807 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 78394
Ion Ratio Lower Upper
88 100
43 29.9 23.2 34.8
58 71.7 55.0 82.4

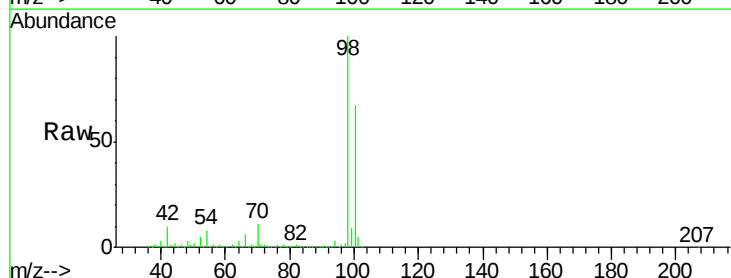


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

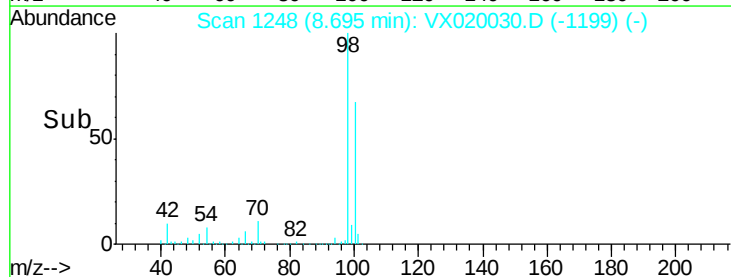
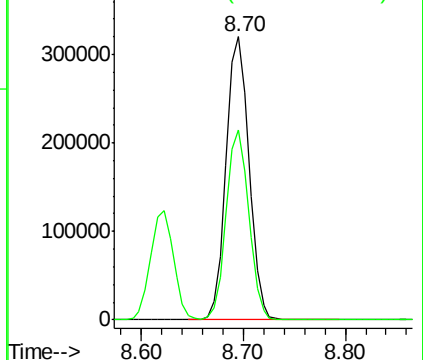


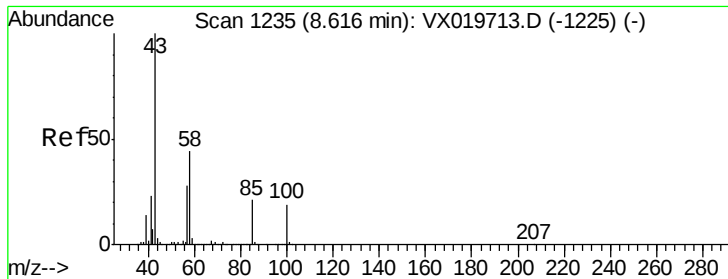
#50
Toluene-d8
Concen: 47.913 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 98 Resp: 496226
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



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

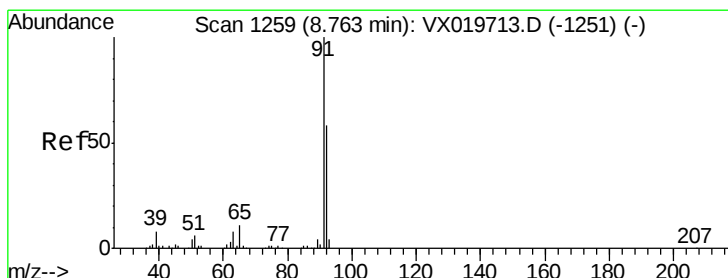
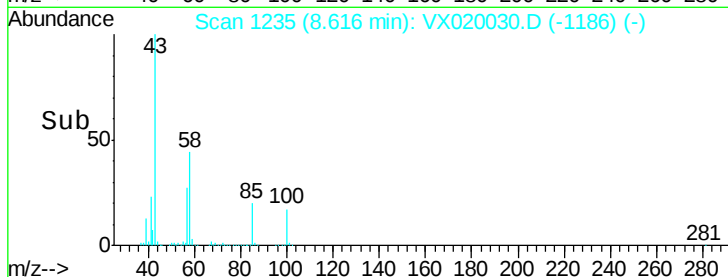
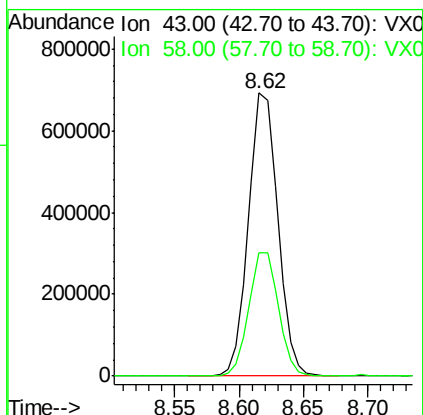
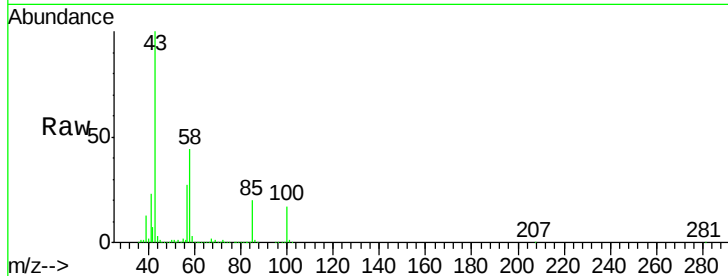




#51
 4-Methyl-2-Pentanone
 Concen: 286.003 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

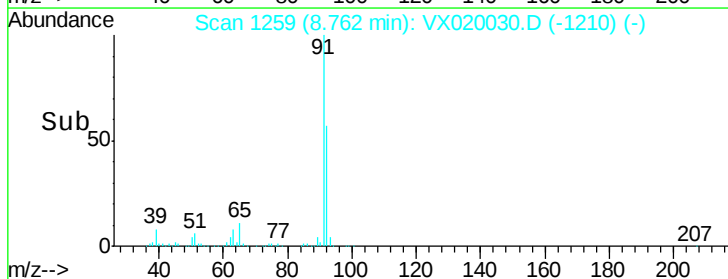
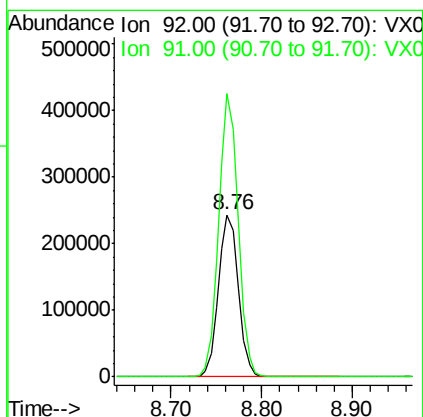
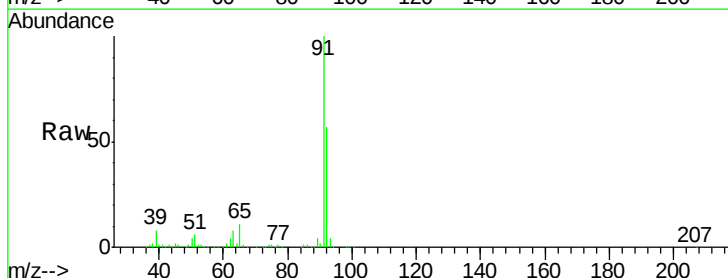
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

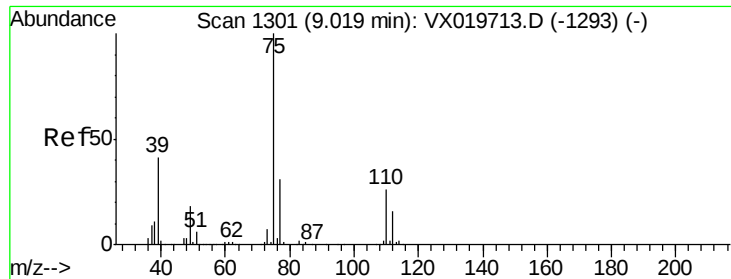
Tgt Ion: 43 Resp: 1087204
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.4 53.0



#52
 Toluene
 Concen: 51.434 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 92 Resp: 372731
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.1 205.7

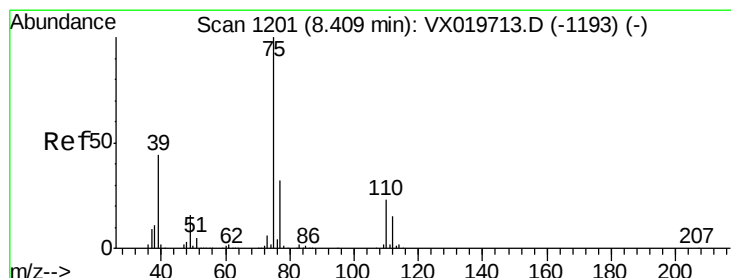
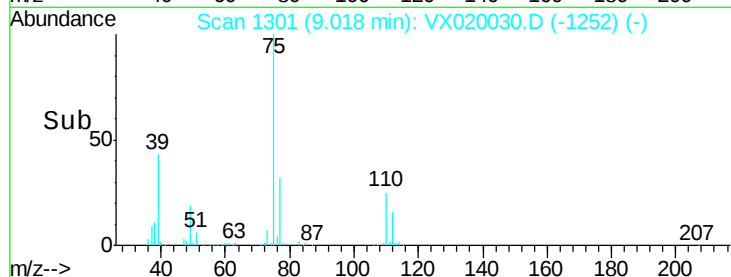
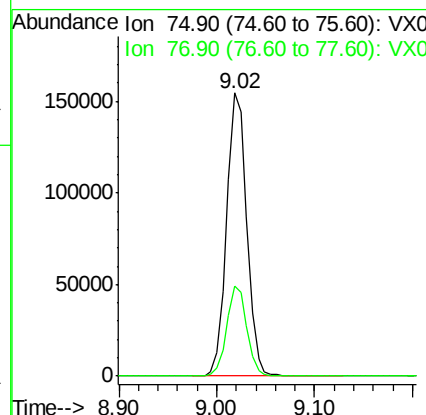
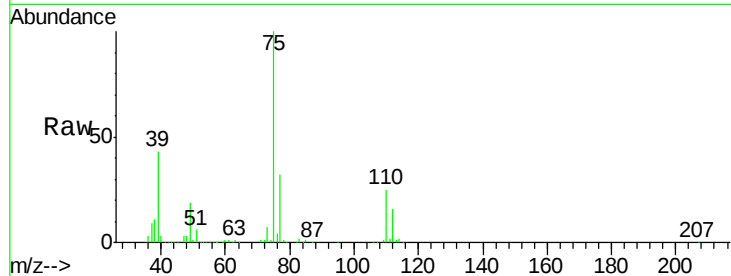




#53
 t-1,3-Dichloropropene
 Concen: 51.502 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

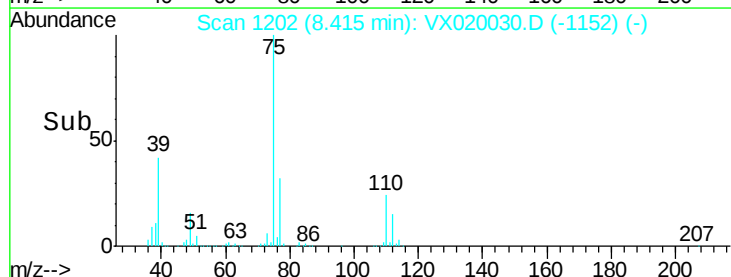
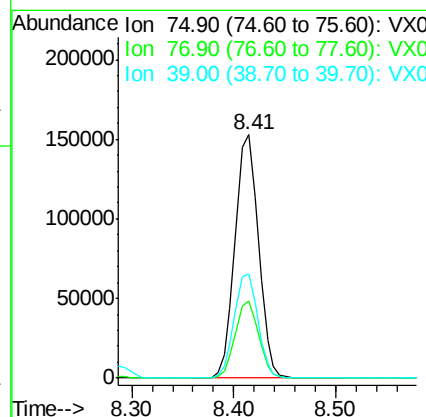
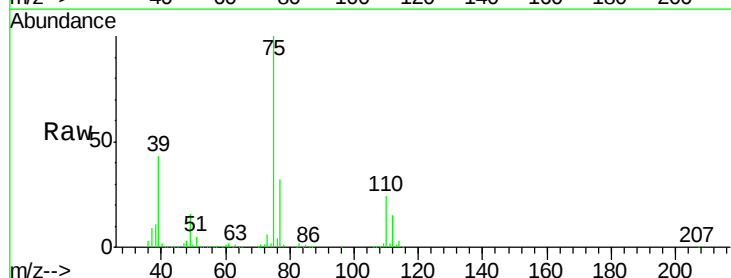
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

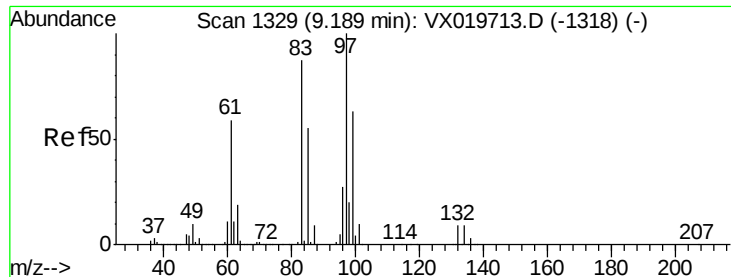
Tgt Ion: 75 Resp: 221777
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.942 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 75 Resp: 242994
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 42.4 35.1 52.7

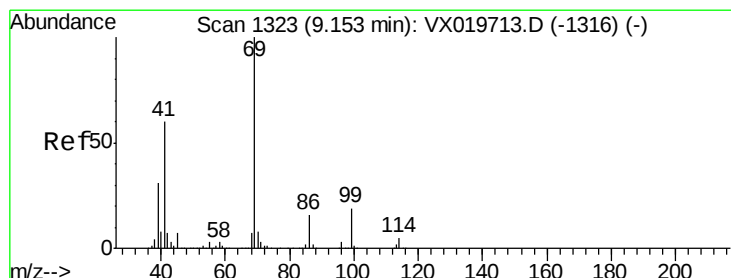
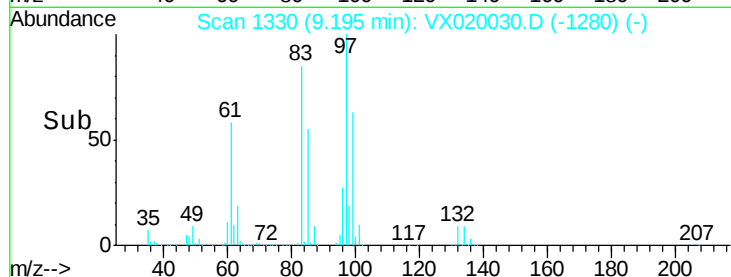
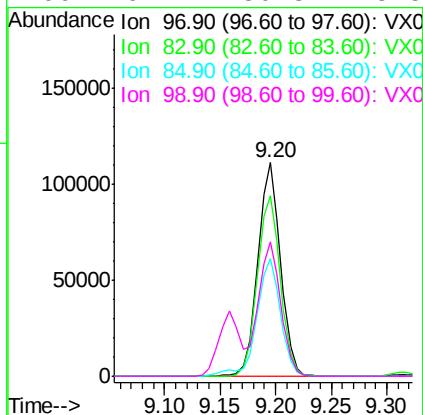
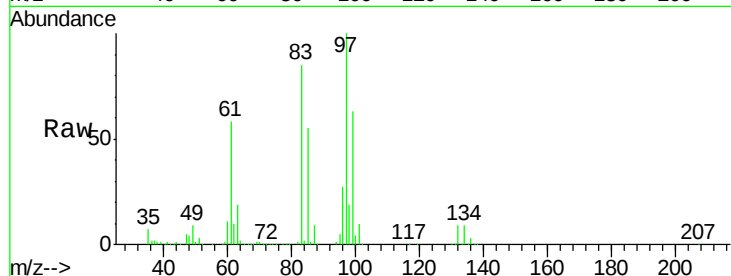




#55
 1,1,2-Trichloroethane
 Concen: 53.995 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

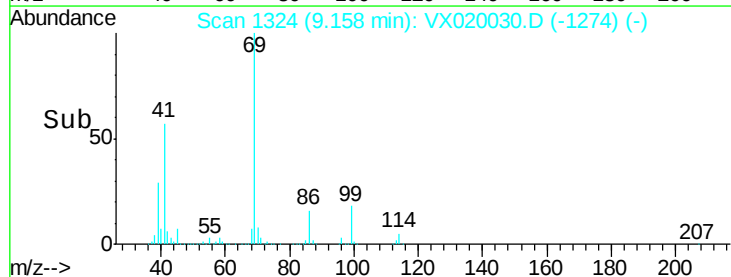
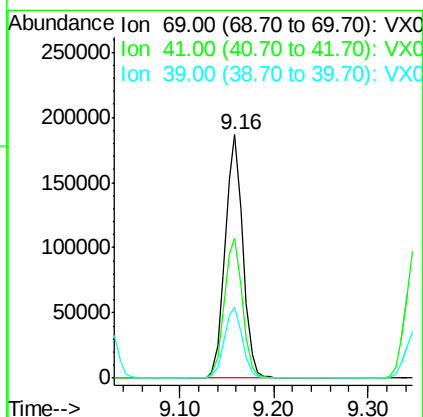
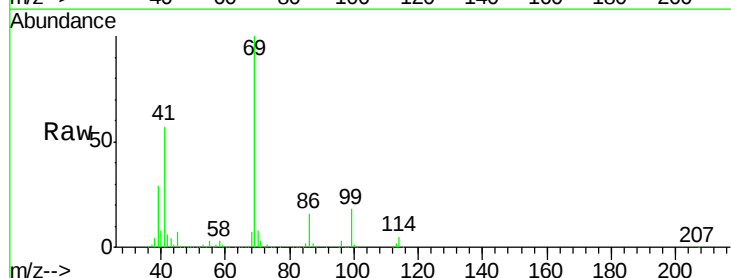
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

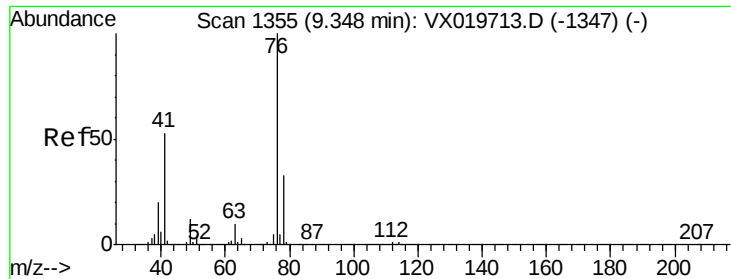
Tgt Ion: 97 Resp: 157684
 Ion Ratio Lower Upper
 97 100
 83 84.5 69.3 103.9
 85 55.4 44.3 66.5
 99 62.7 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 54.926 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 69 Resp: 242681
 Ion Ratio Lower Upper
 69 100
 41 58.5 46.8 70.2
 39 29.9 24.7 37.1

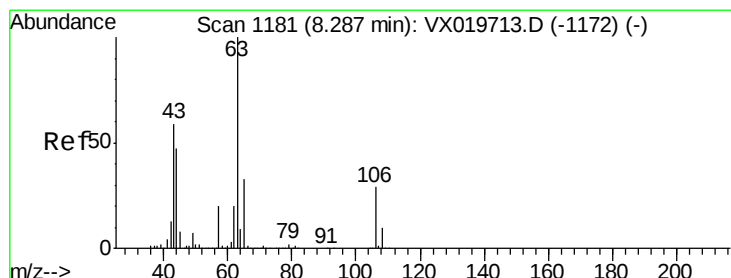
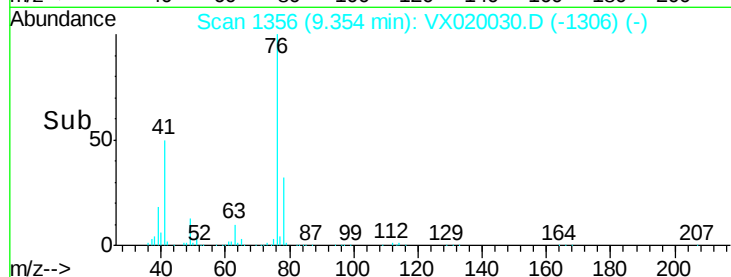
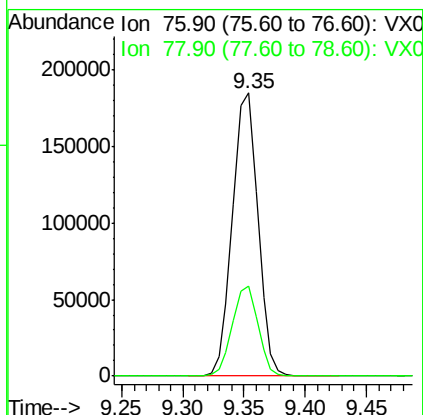
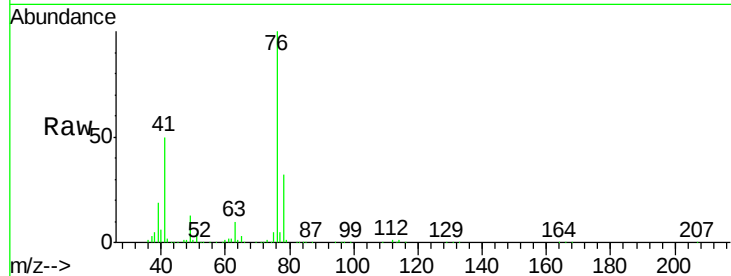




#57
 1,3-Dichloropropane
 Concen: 53.564 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

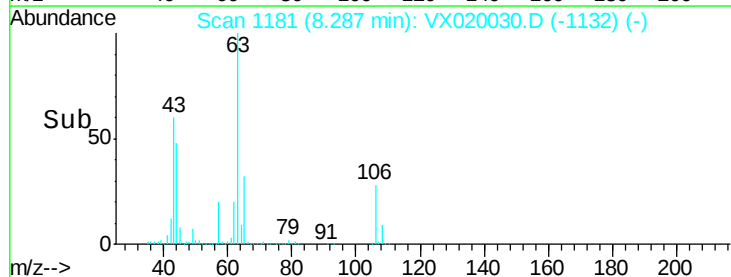
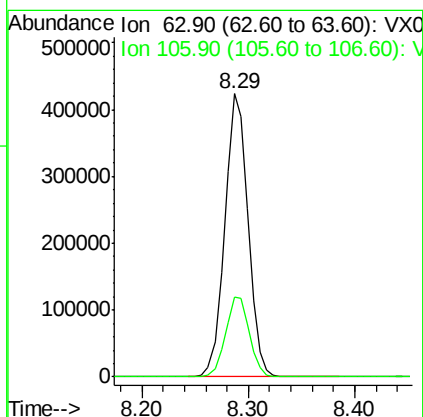
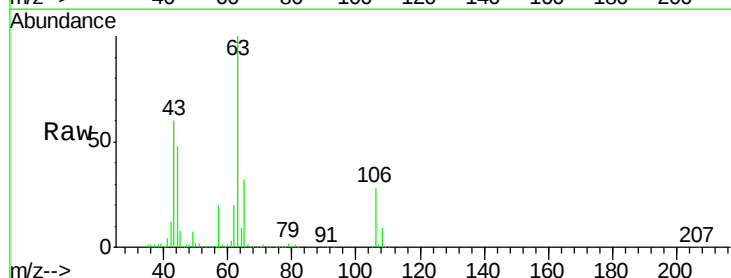
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

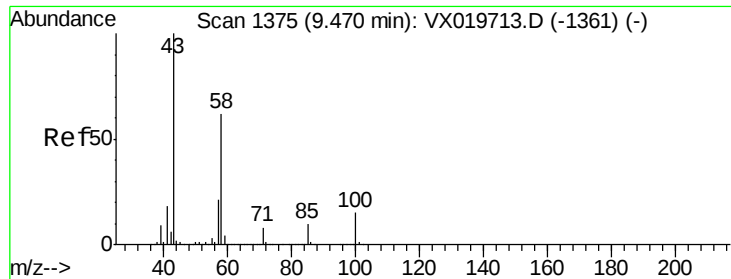
Tgt Ion: 76 Resp: 267099
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.133 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 63 Resp: 646337
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.5 35.3

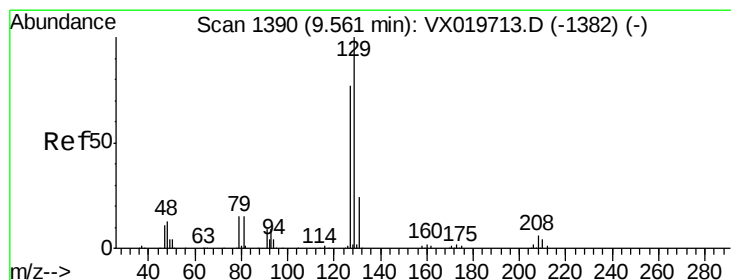
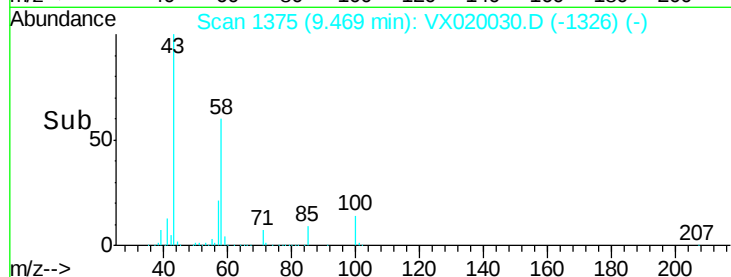
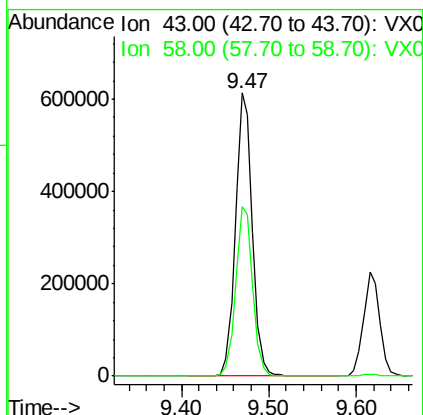
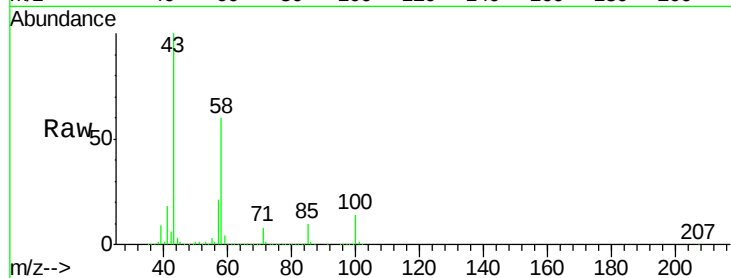




#59
2-Hexanone
Concen: 281.036 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

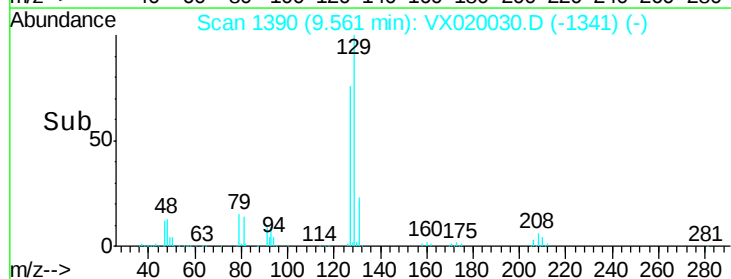
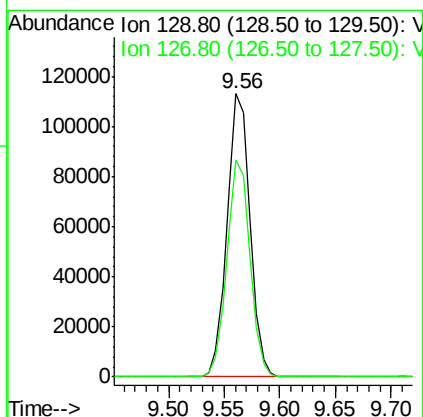
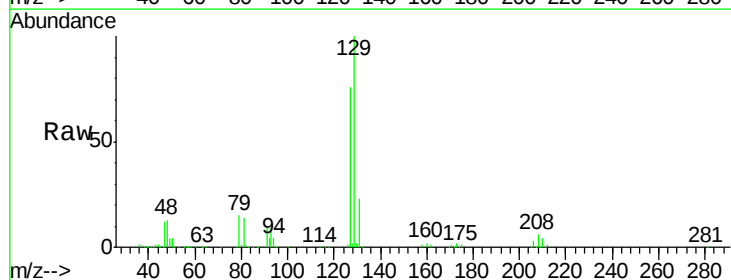
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

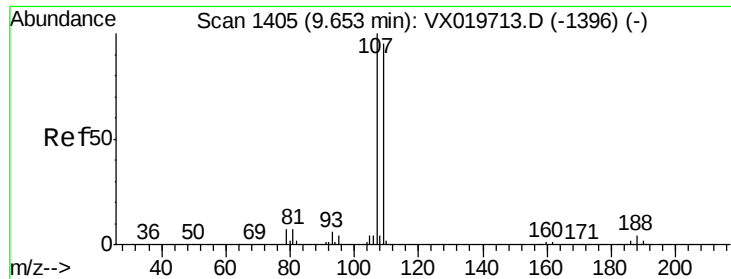
Tgt Ion: 43 Resp: 828090
Ion Ratio Lower Upper
43 100
58 60.8 30.9 92.8



#60
Dibromochloromethane
Concen: 54.473 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 129 Resp: 161622
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.498 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

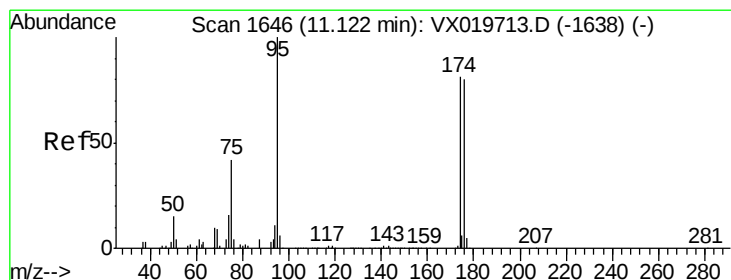
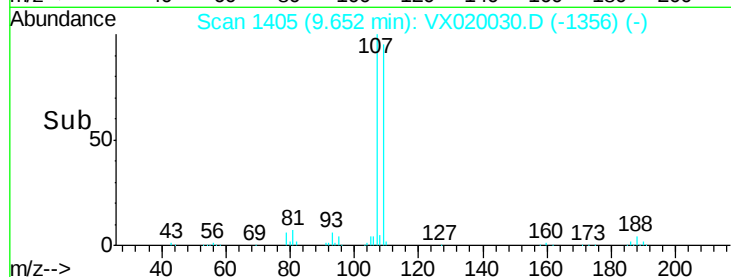
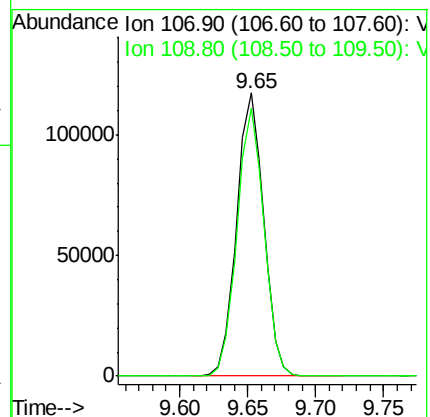
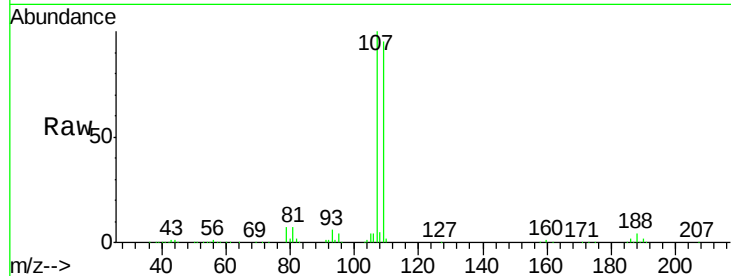
VSTDCCC050EC

Tgt Ion: 107 Resp: 162797

Ion Ratio Lower Upper

107 100

109 94.5 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 49.071 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

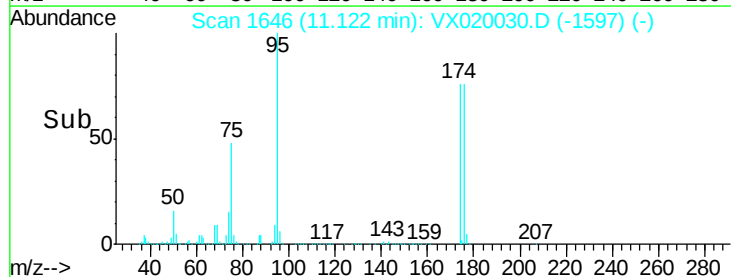
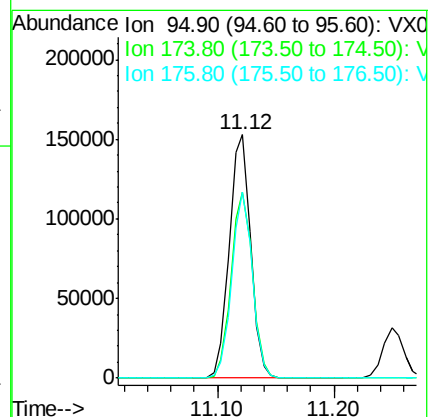
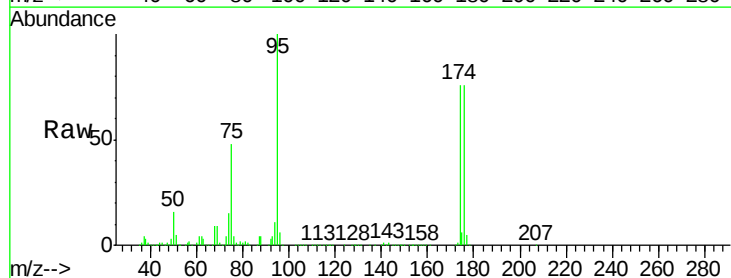
Tgt Ion: 95 Resp: 193435

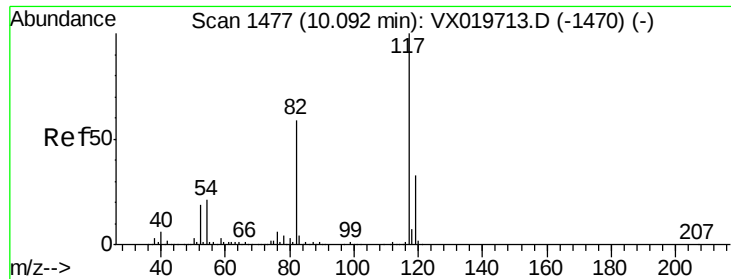
Ion Ratio Lower Upper

95 100

174 76.8 0.0 154.6

176 73.9 0.0 155.8

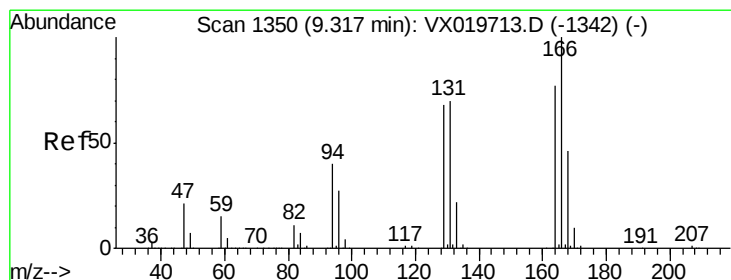
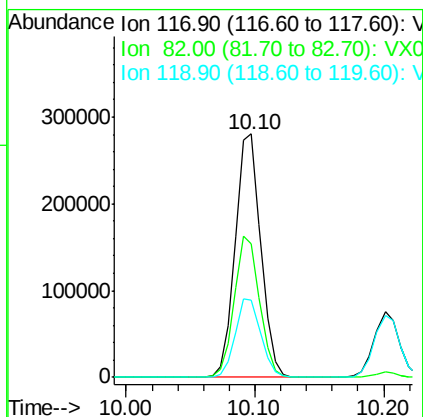
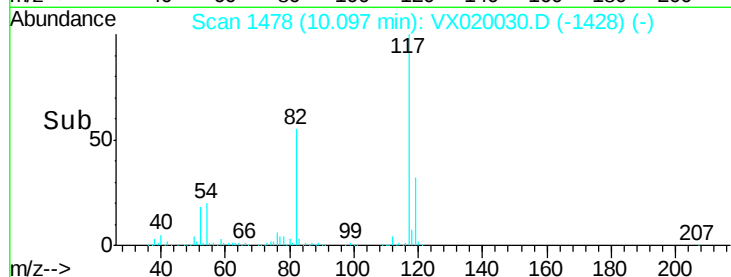
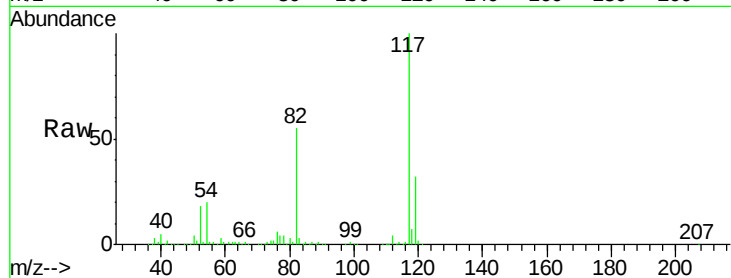




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

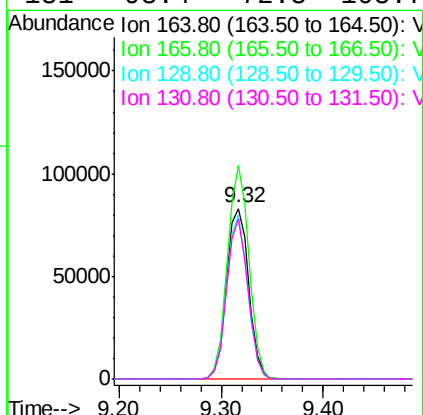
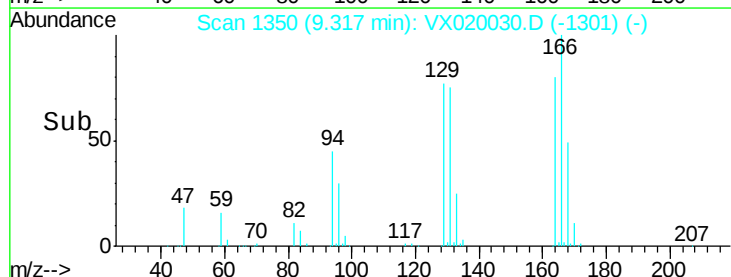
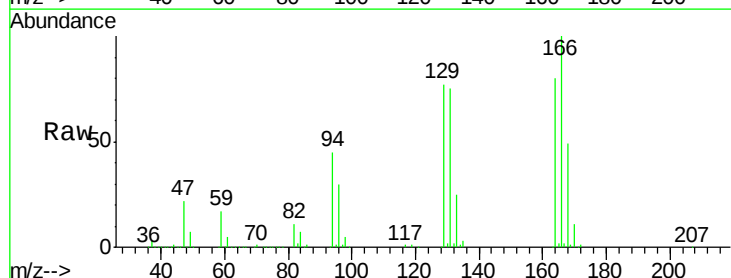
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

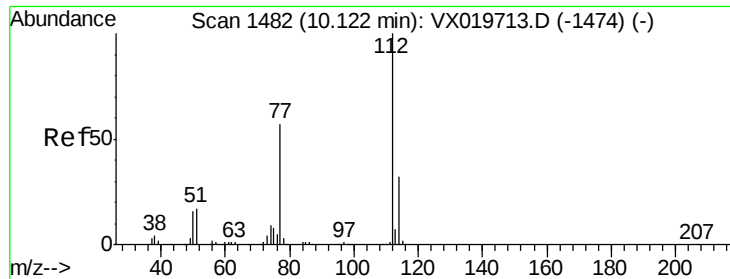
Tgt Ion:117 Resp: 387838
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 47.408 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion:164 Resp: 123305
Ion Ratio Lower Upper
164 100
166 125.0 103.4 155.2
129 95.9 70.8 106.2
131 93.4 72.5 108.7

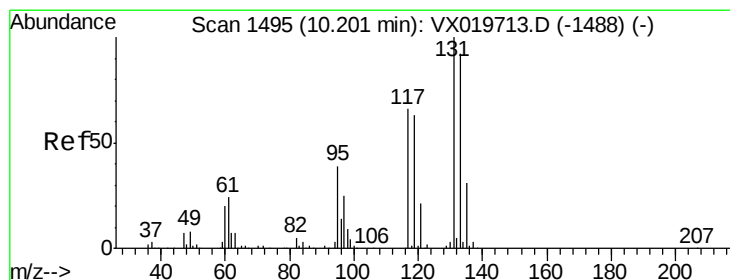
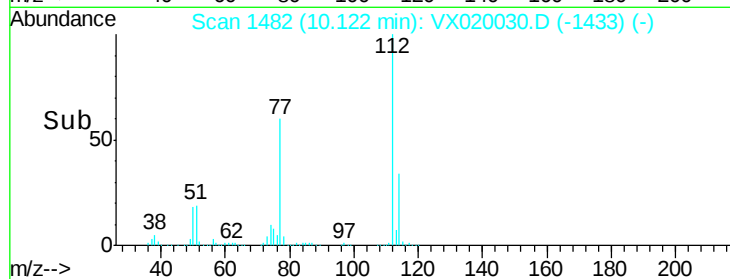
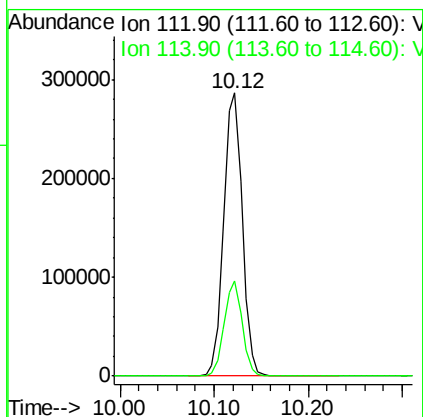
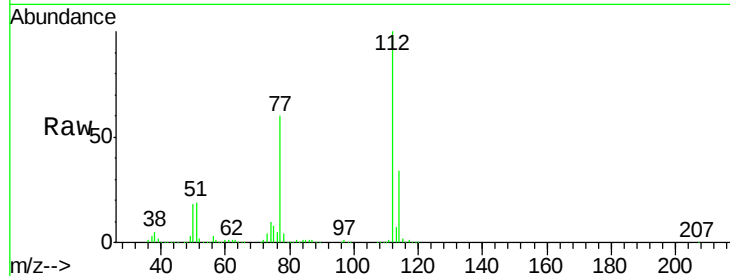




#65
Chlorobenzene
Concen: 50.523 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

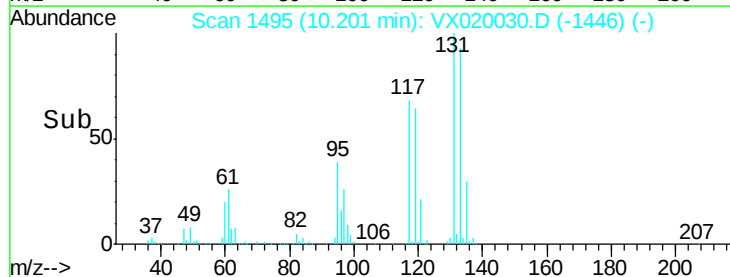
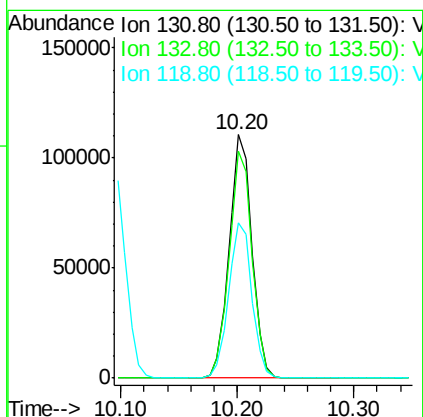
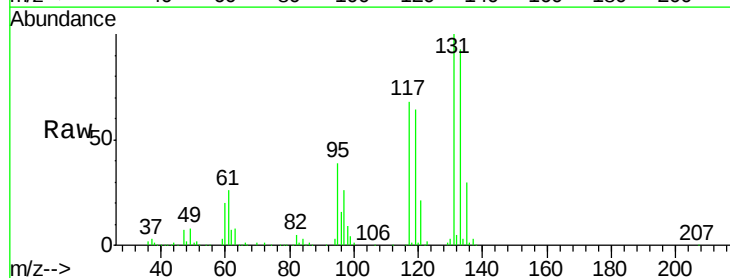
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

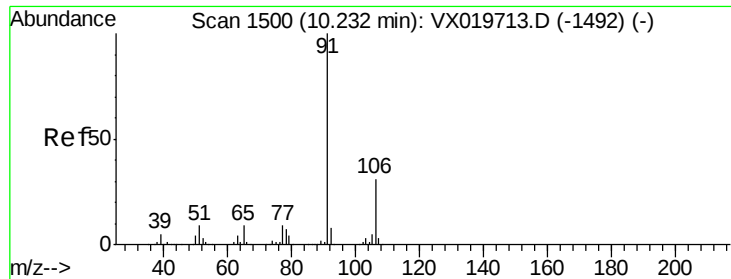
Tgt Ion:112 Resp: 390379
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.050 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion:131 Resp: 150318
Ion Ratio Lower Upper
131 100
133 94.0 47.7 143.1
119 65.2 32.1 96.5

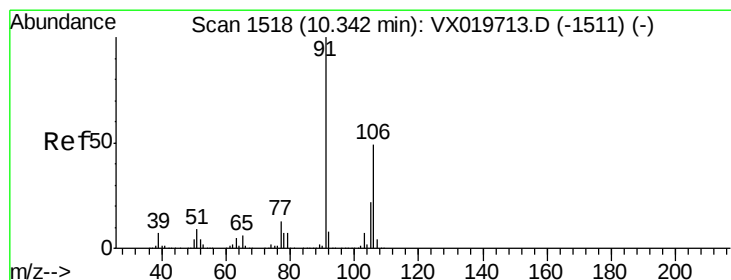
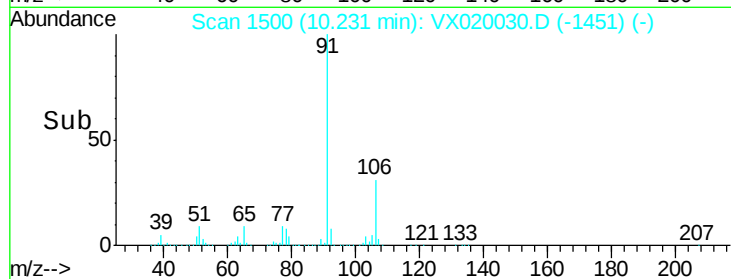
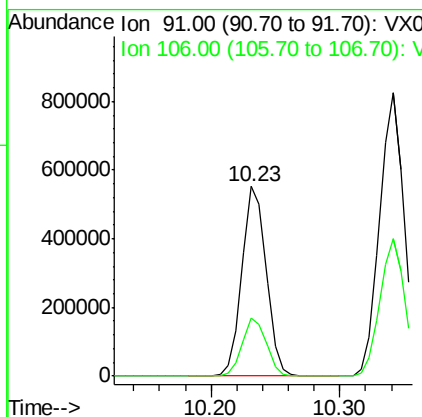
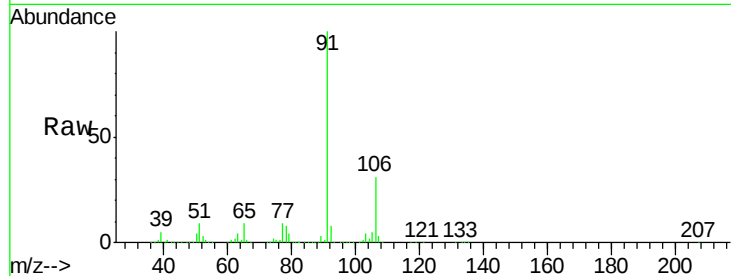




#67
 Ethyl Benzene
 Concen: 52.132 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

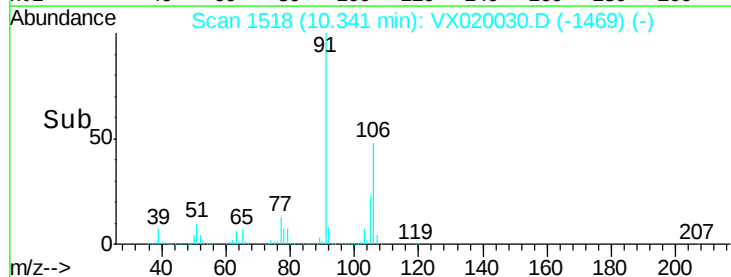
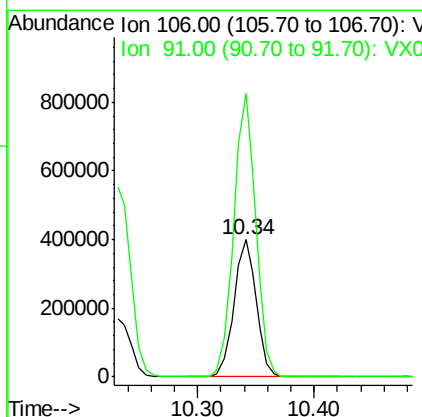
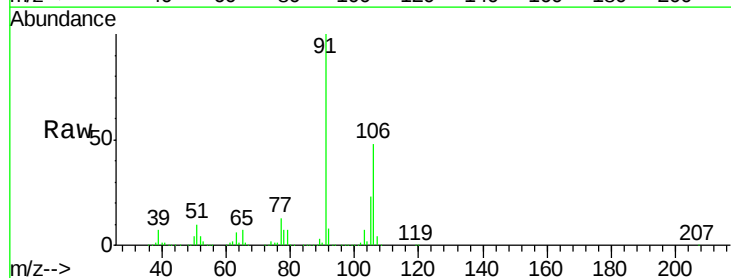
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

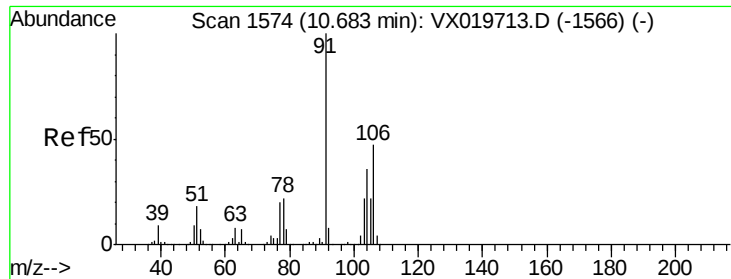
Tgt Ion: 91 Resp: 715013
 Ion Ratio Lower Upper
 91 100
 106 30.8 24.6 37.0



#68
 m/p-Xylenes
 Concen: 102.614 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 106 Resp: 530329
 Ion Ratio Lower Upper
 106 100
 91 204.6 162.8 244.2

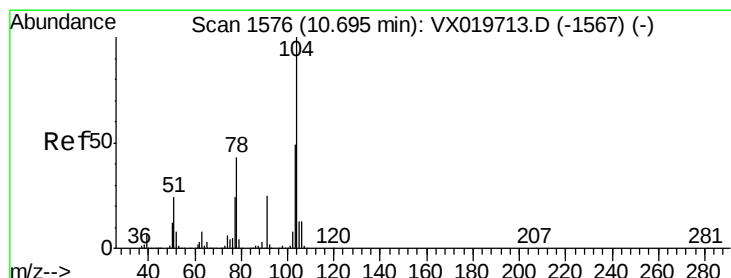
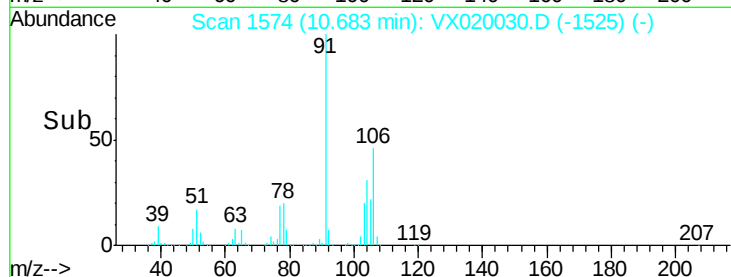
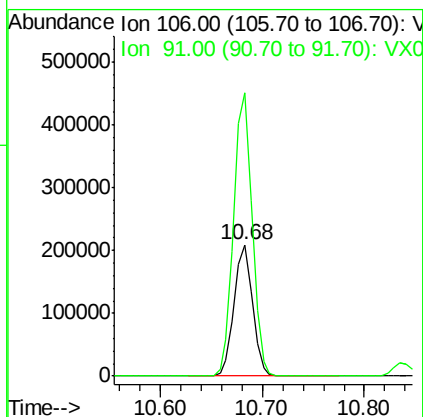
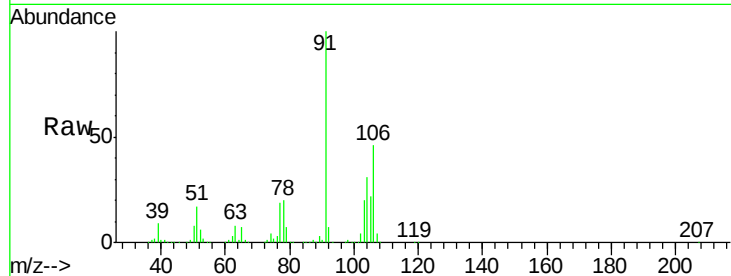




#69
o-Xylene
Concen: 52.190 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

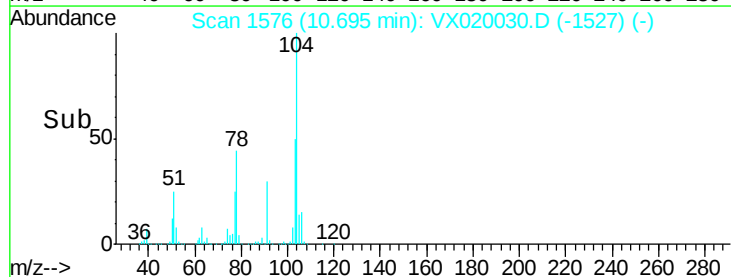
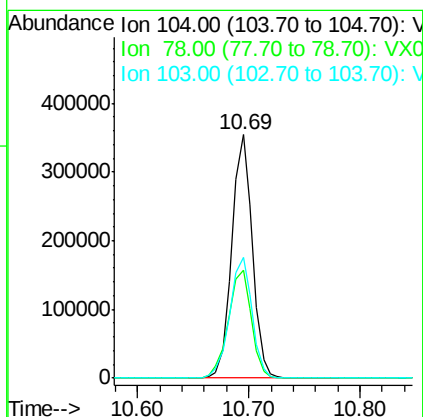
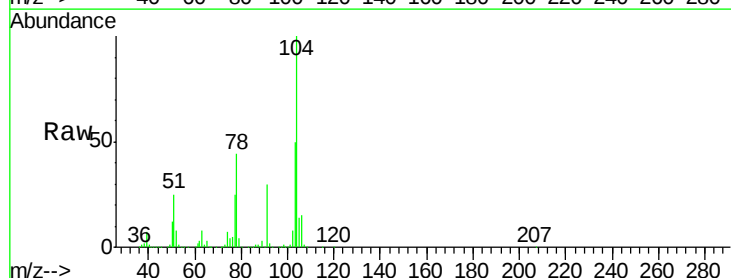
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

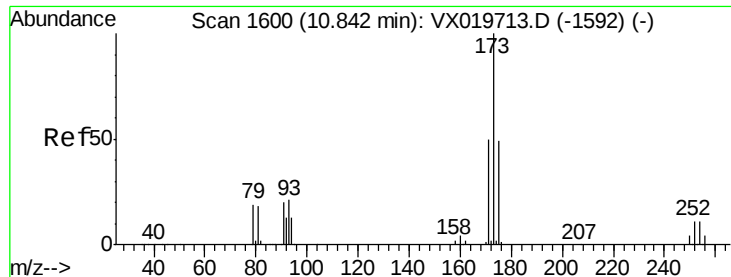
Tgt Ion:106 Resp: 259464
Ion Ratio Lower Upper
106 100
91 217.2 108.1 324.2



#70
Styrene
Concen: 53.698 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion:104 Resp: 450595
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 54.086 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

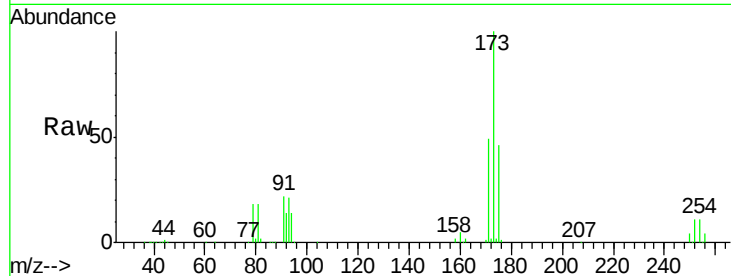
Tgt Ion:173 Resp: 118331

Ion Ratio Lower Upper

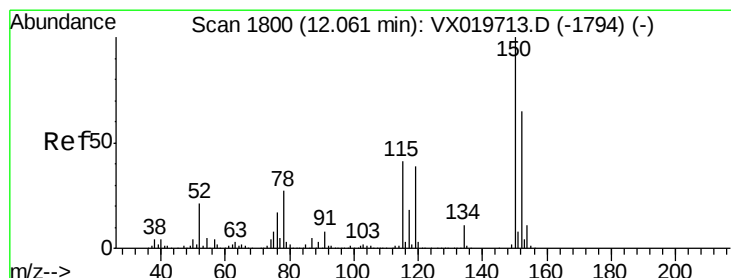
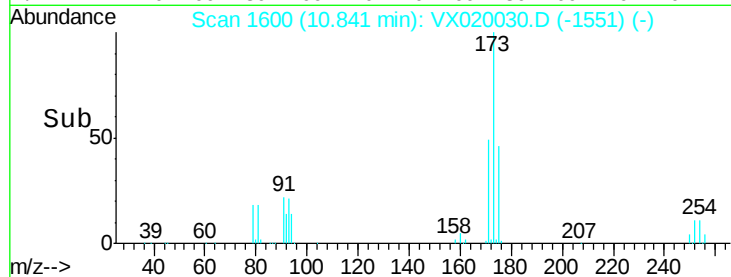
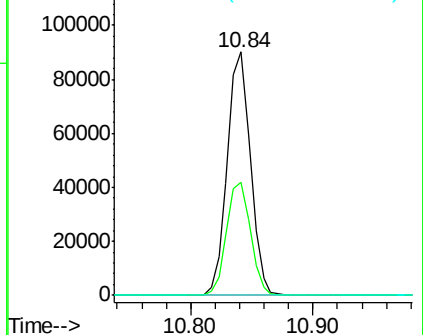
173 100

175 47.9 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: VX020030.D

Acq: 15 Dec 2020 22:23

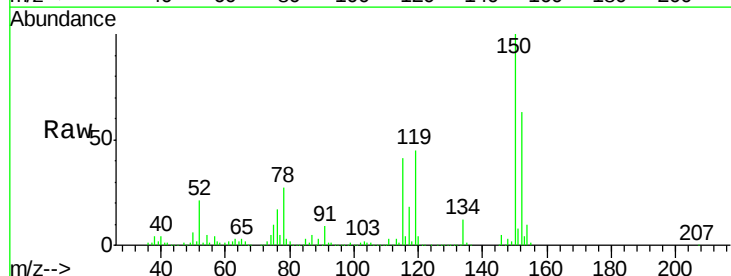
Tgt Ion:152 Resp: 193041

Ion Ratio Lower Upper

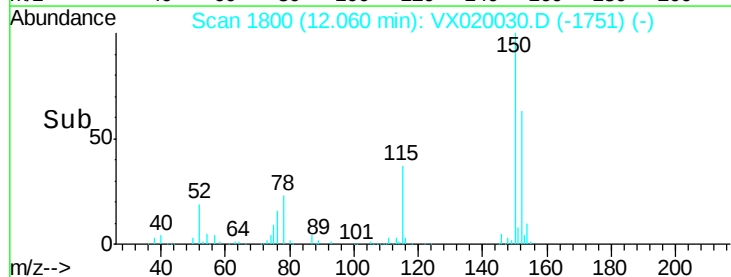
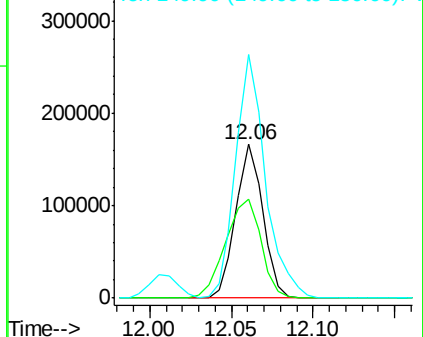
152 100

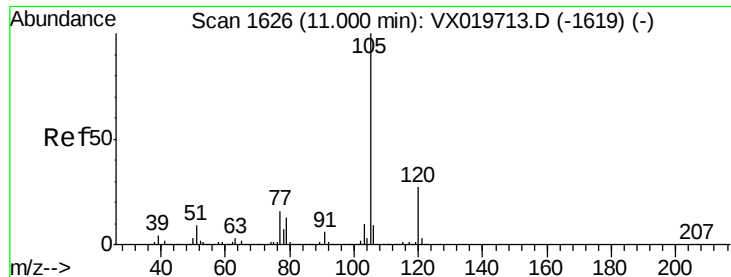
115 84.3 41.1 123.3

150 174.8 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: 53.115 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

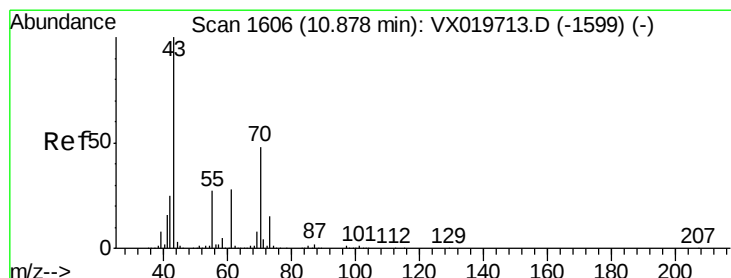
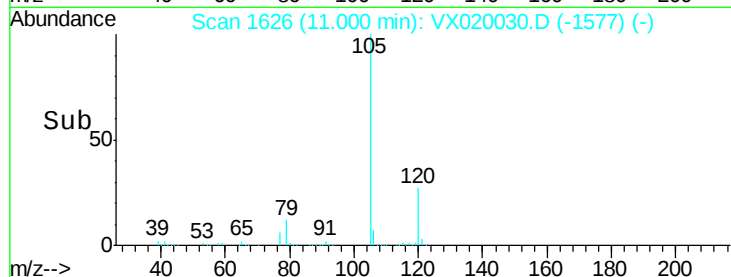
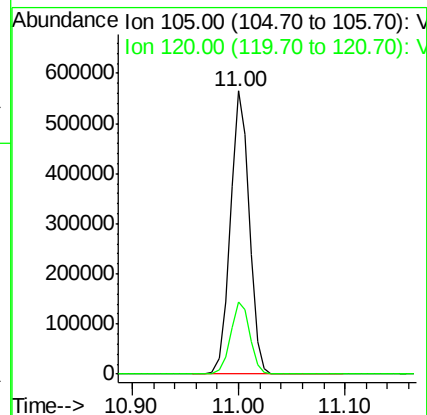
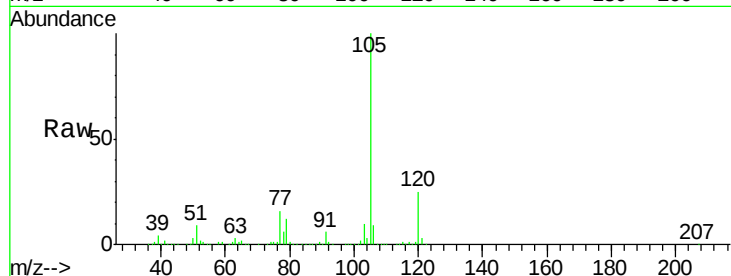
VSTDCCC050EC

Tgt Ion: 105 Resp: 700512

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 55.433 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Tgt Ion: 43 Resp: 292974

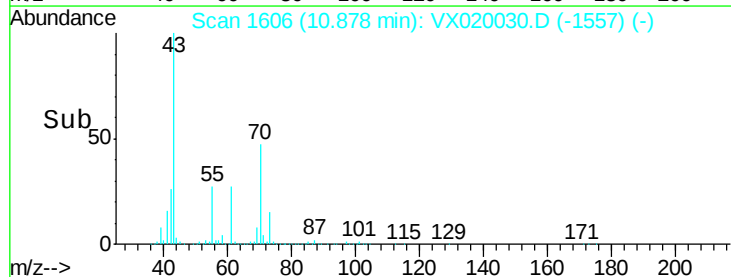
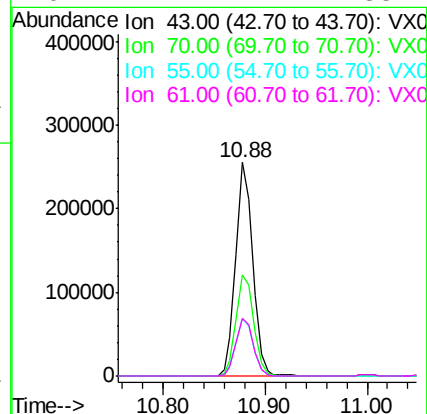
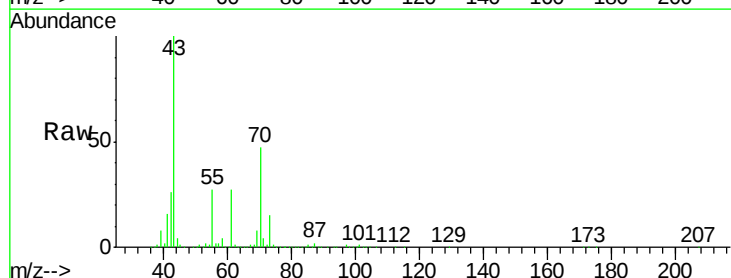
Ion Ratio Lower Upper

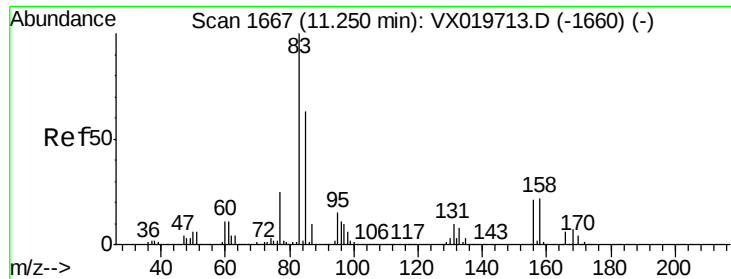
43 100

70 49.0 39.0 58.6

55 27.8 21.5 32.3

61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.871 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

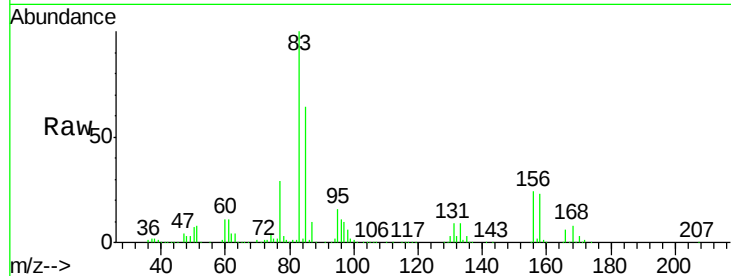
Tgt Ion: 83 Resp: 259786

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.2

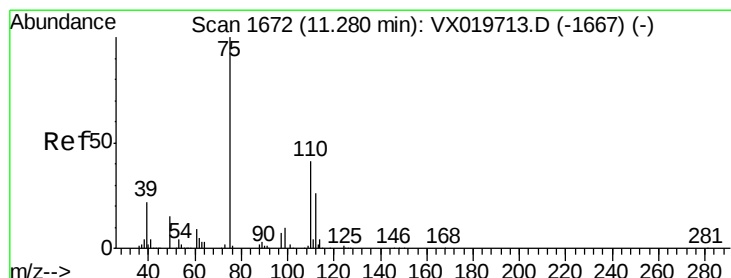
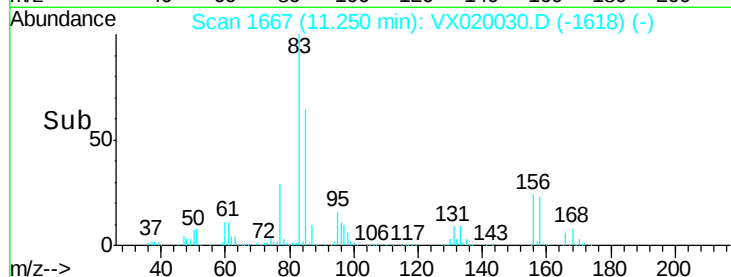
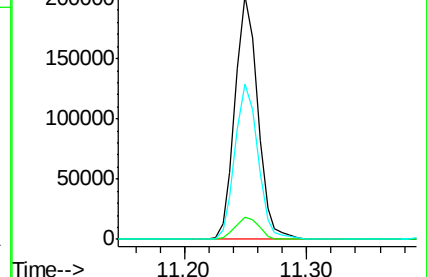
85 64.4 31.8 95.4



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: 65.727 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX020030.D

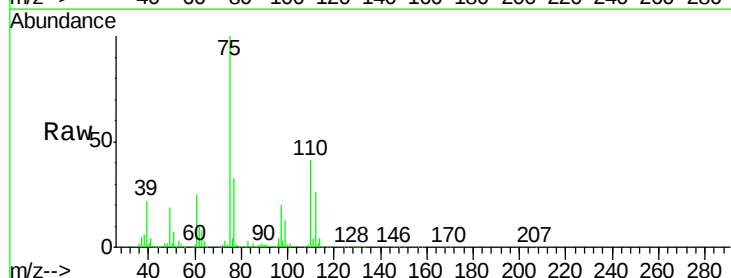
Acq: 15 Dec 2020 22:23

Tgt Ion: 75 Resp: 284569

Ion Ratio Lower Upper

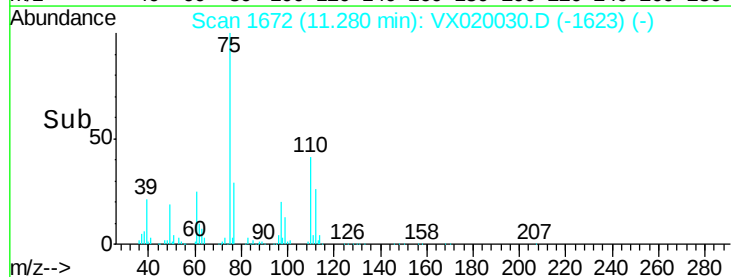
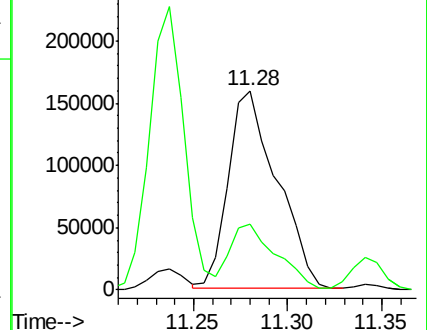
75 100

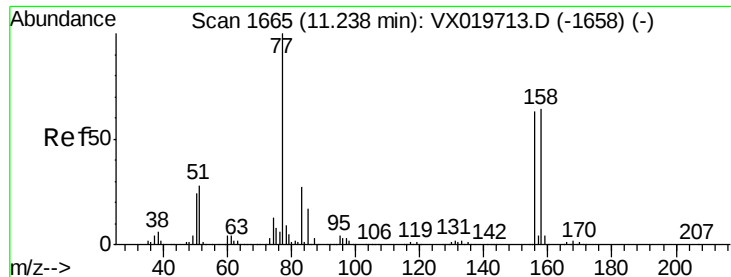
77 31.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.274 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

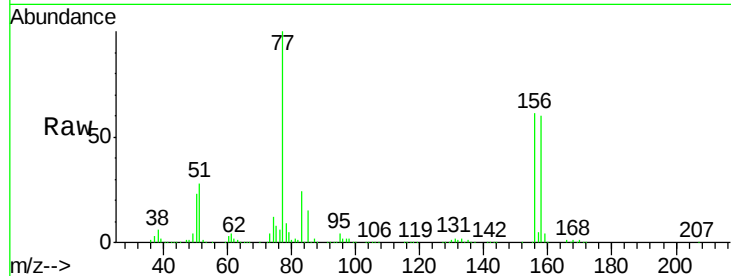
Tgt Ion:156 Resp: 173054

Ion Ratio Lower Upper

156 100

77 169.6 82.8 248.6

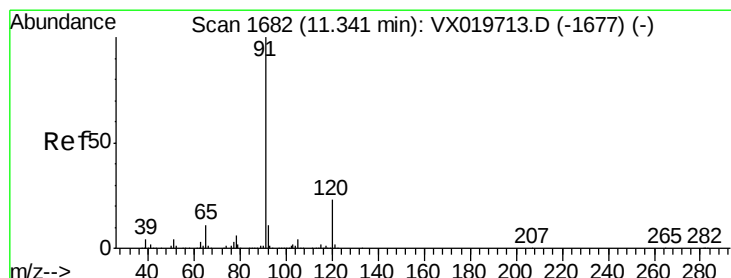
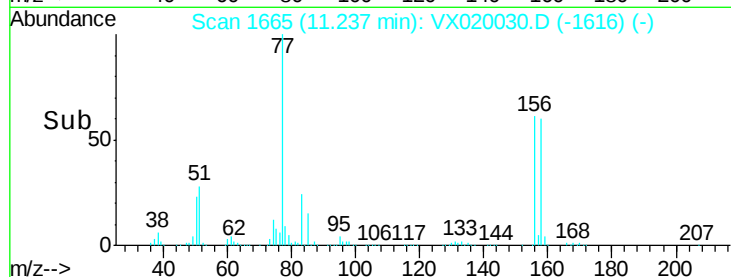
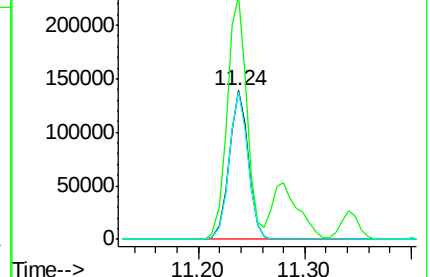
158 97.8 49.1 147.4



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: 52.505 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX020030.D

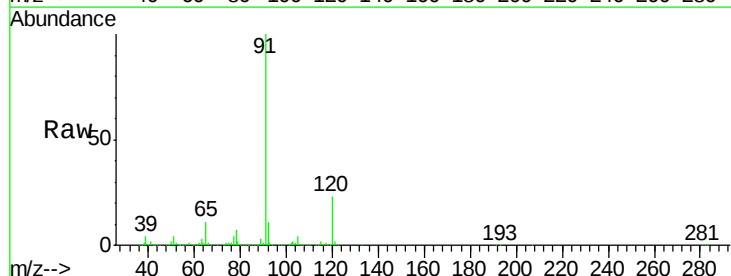
Acq: 15 Dec 2020 22:23

Tgt Ion: 91 Resp: 790893

Ion Ratio Lower Upper

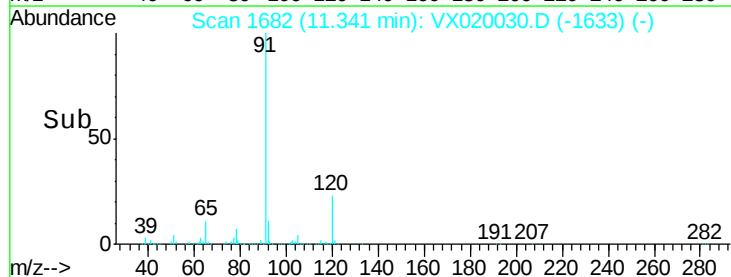
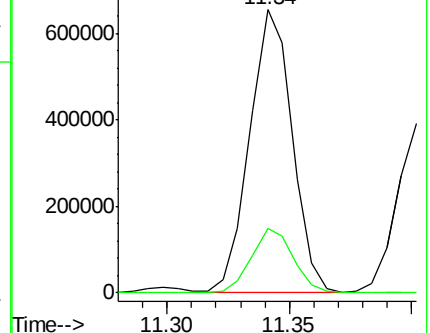
91 100

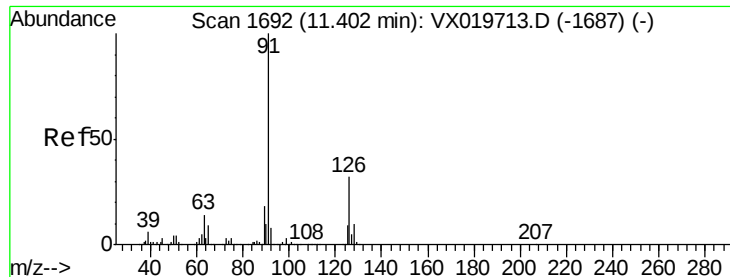
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

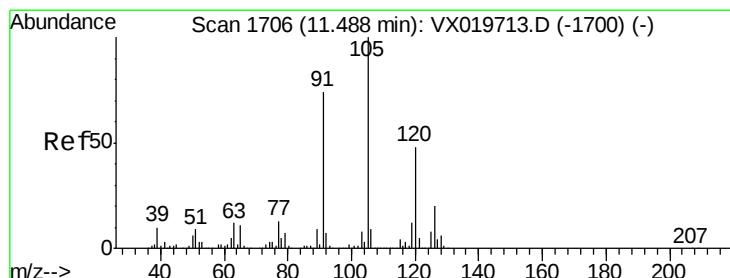
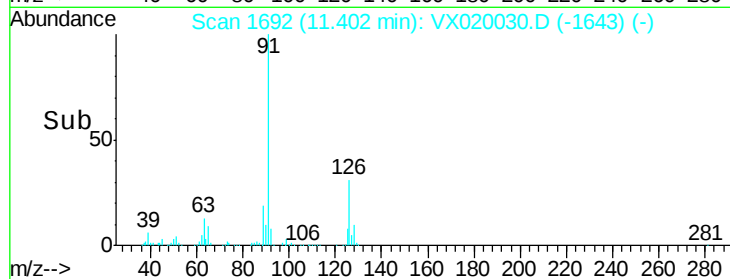
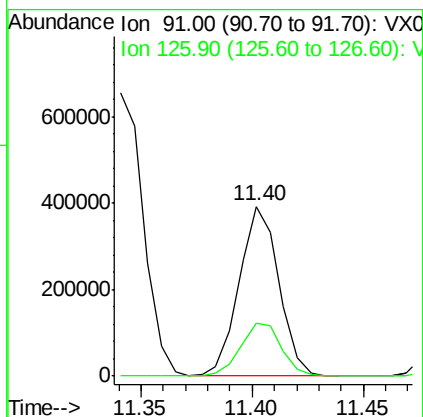
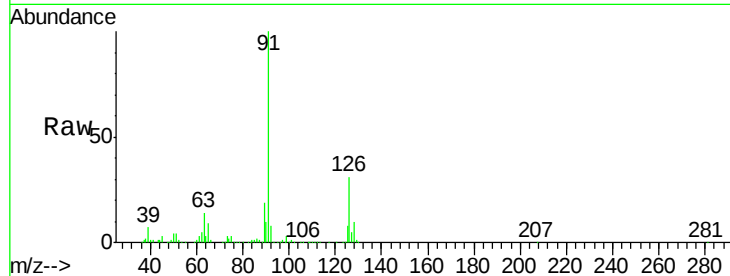




#79
2-Chlorotoluene
Concen: 52.497 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

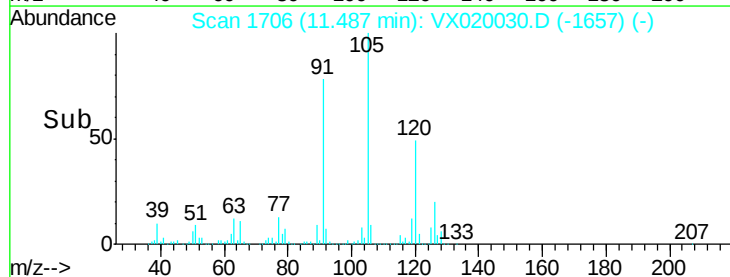
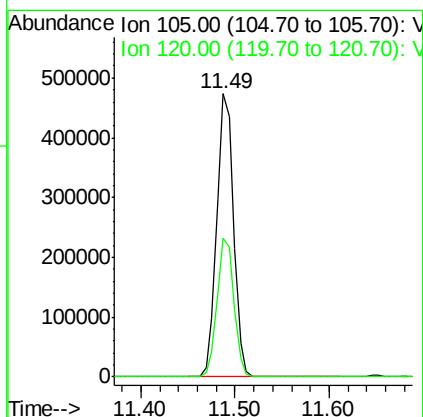
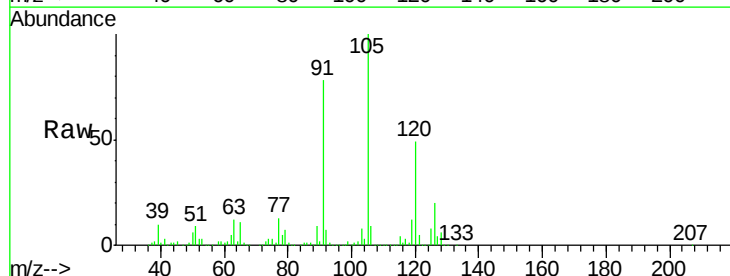
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

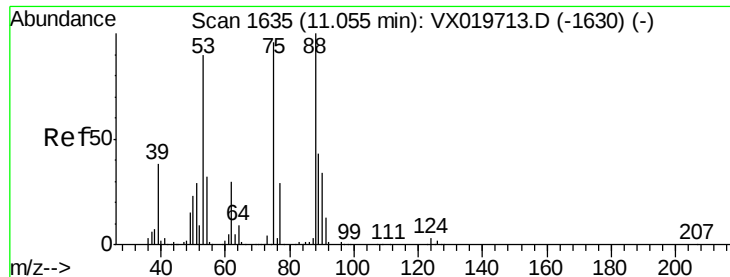
Tgt Ion: 91 Resp: 486969
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 52.787 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 105 Resp: 587550
Ion Ratio Lower Upper
105 100
120 49.2 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 52.358 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

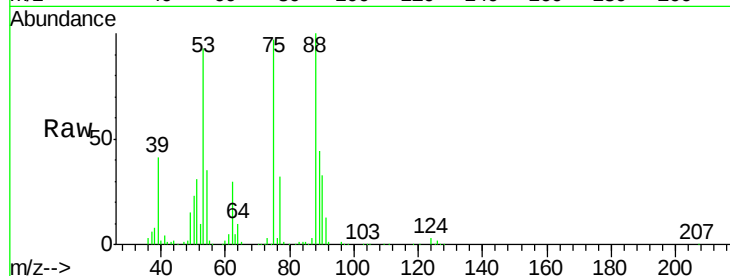
Tgt Ion: 75 Resp: 78416

Ion Ratio Lower Upper

75 100

53 93.3 74.5 111.7

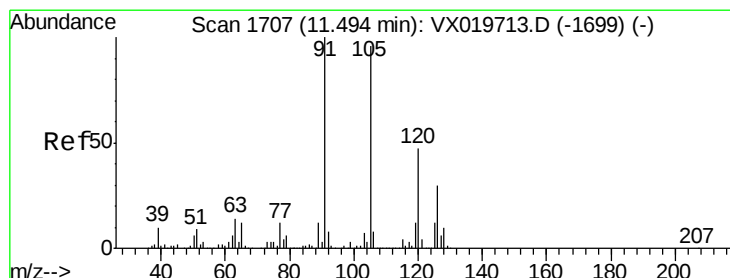
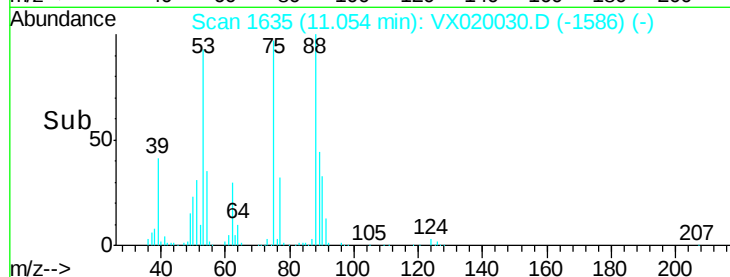
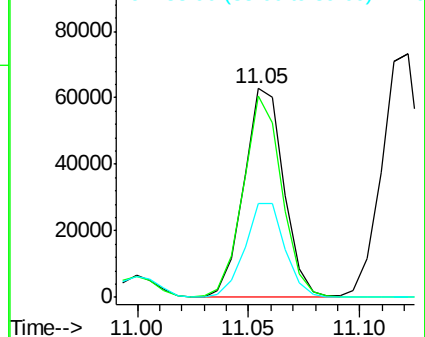
89 45.6 37.9 56.9



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: 52.616 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX020030.D

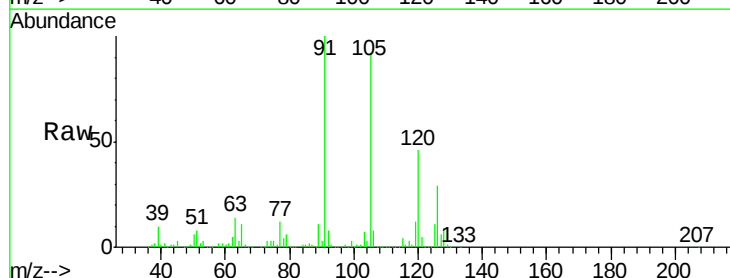
Acq: 15 Dec 2020 22:23

Tgt Ion: 91 Resp: 571620

Ion Ratio Lower Upper

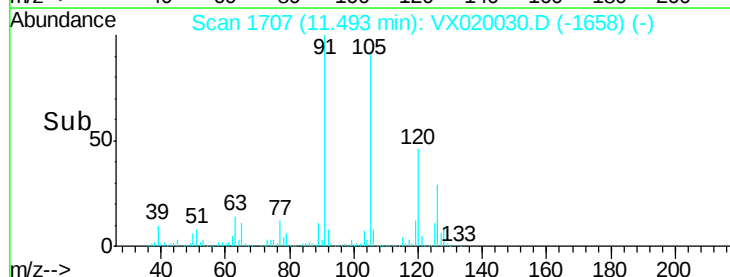
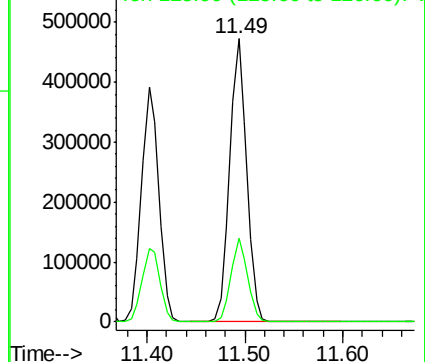
91 100

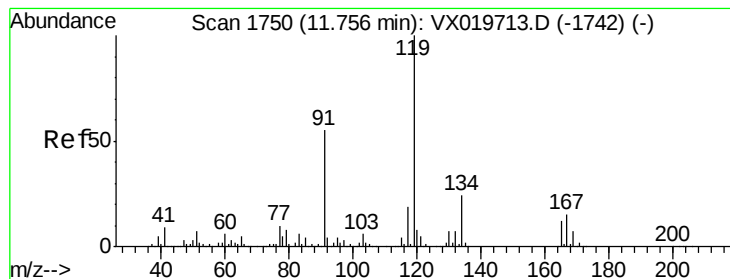
126 28.8 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.286 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

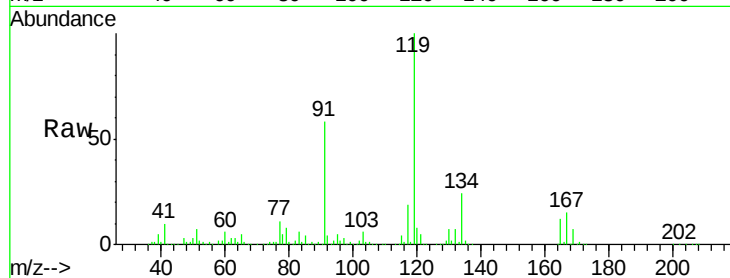
Tgt Ion:119 Resp: 581695

Ion Ratio Lower Upper

119 100

91 57.4 27.9 83.7

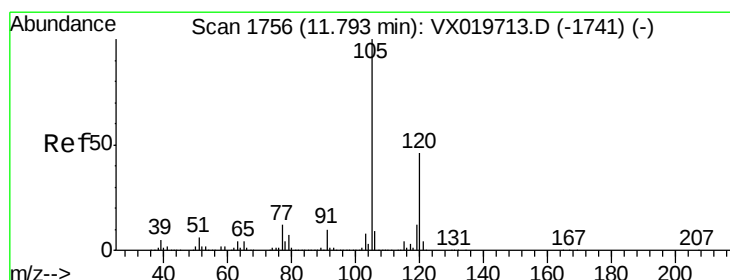
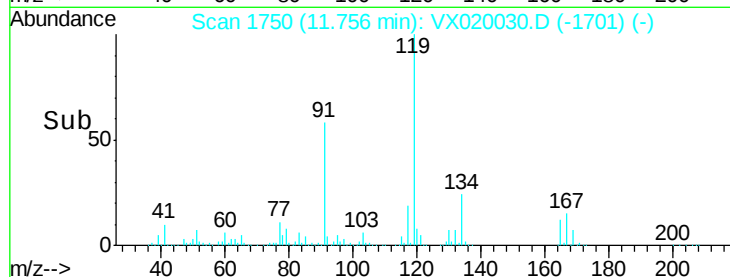
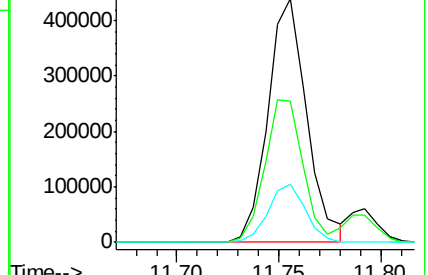
134 22.9 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.016 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX020030.D

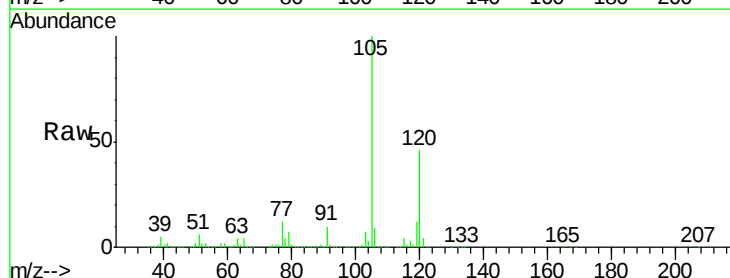
Acq: 15 Dec 2020 22:23

Tgt Ion:105 Resp: 605637

Ion Ratio Lower Upper

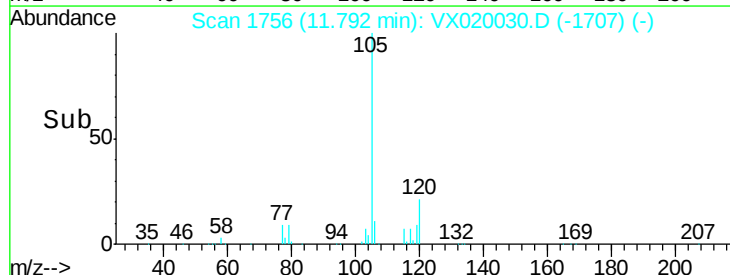
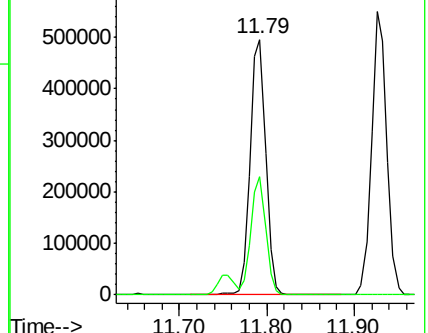
105 100

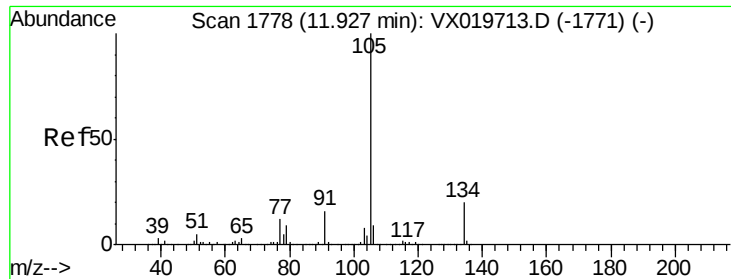
120 44.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

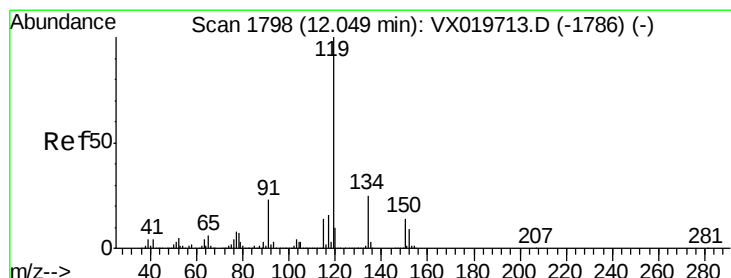
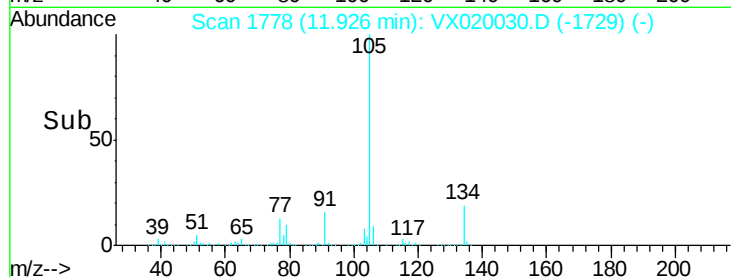
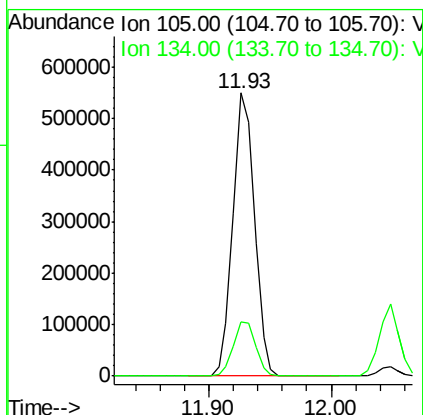
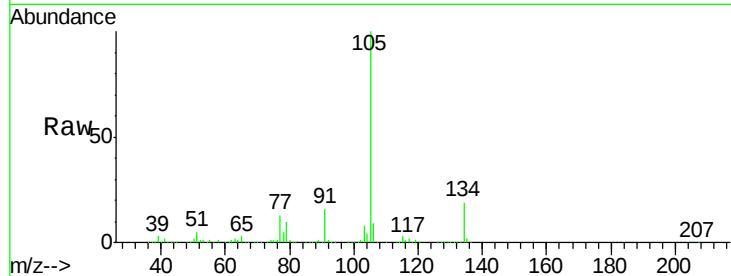




#85
 sec-Butylbenzene
 Concen: 53.862 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

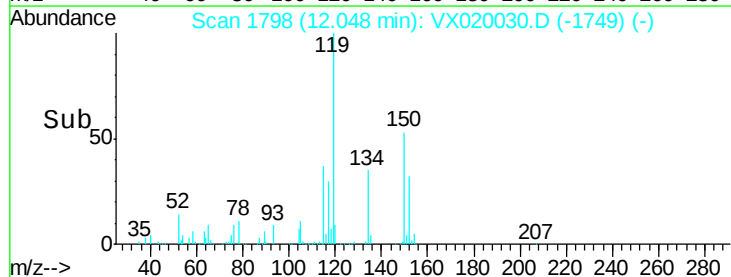
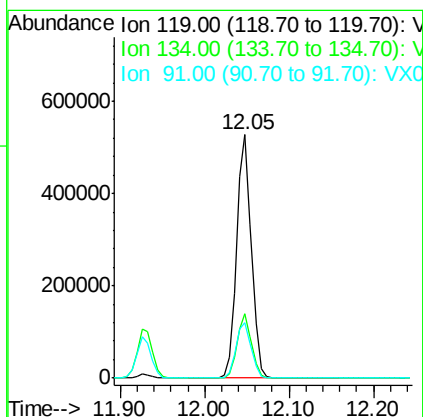
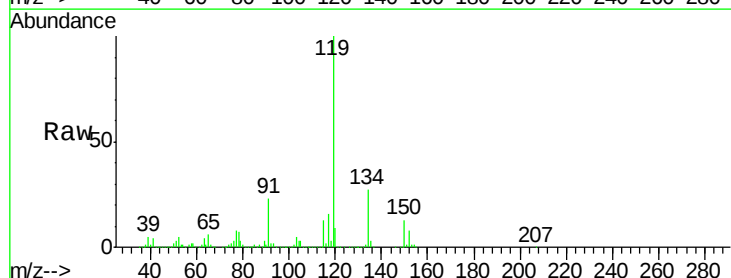
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

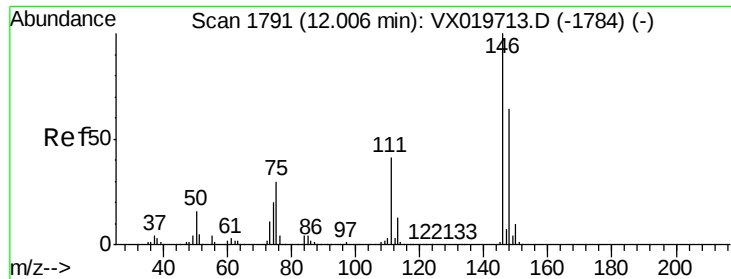
Tgt Ion:105 Resp: 671306
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 53.827 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion:119 Resp: 614846
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.192 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

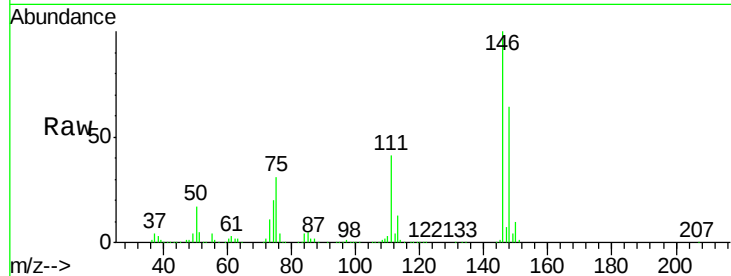
Tgt Ion:146 Resp: 310916

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

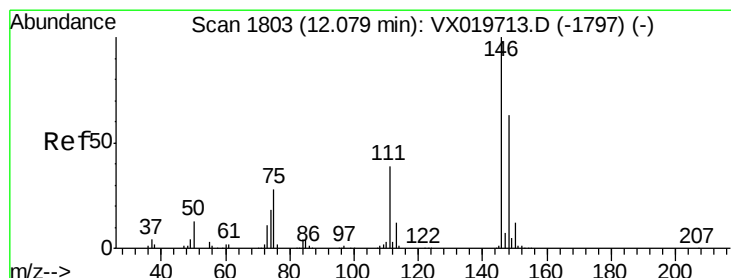
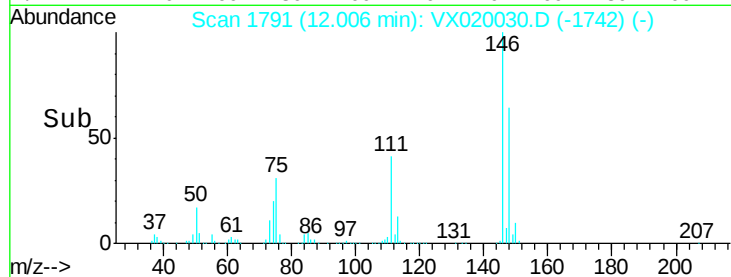
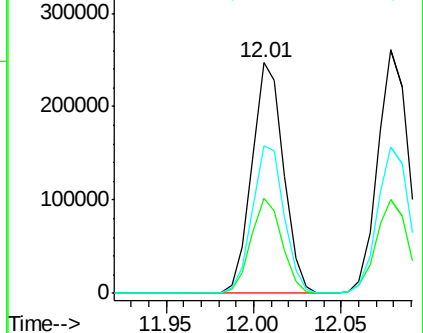
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.439 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX020030.D

Acq: 15 Dec 2020 22:23

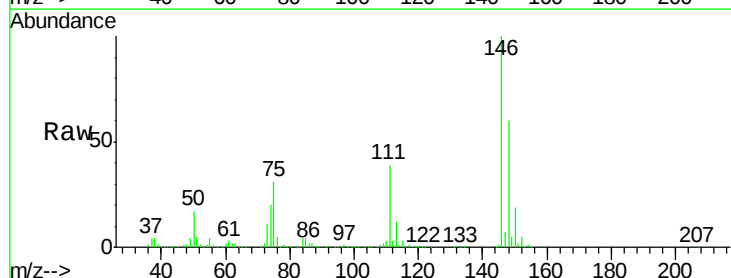
Tgt Ion:146 Resp: 318232

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

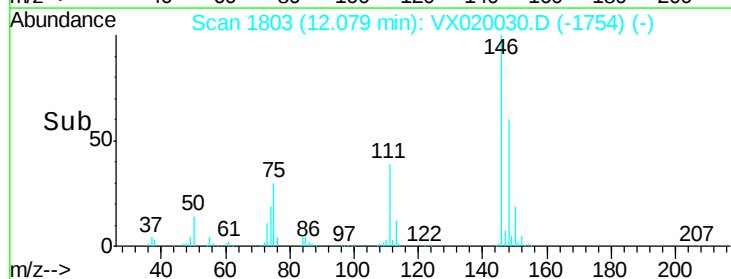
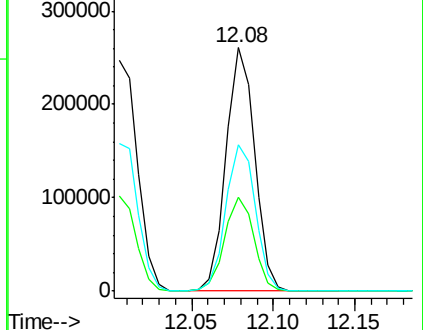
148 62.2 31.6 95.0

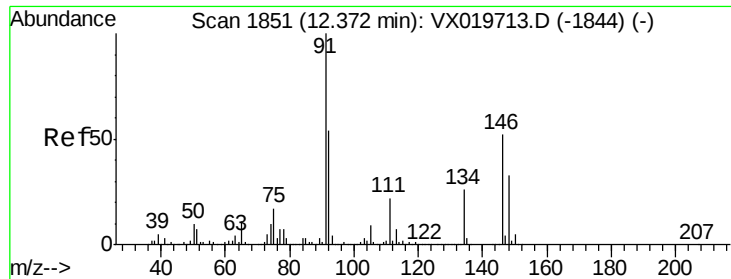


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

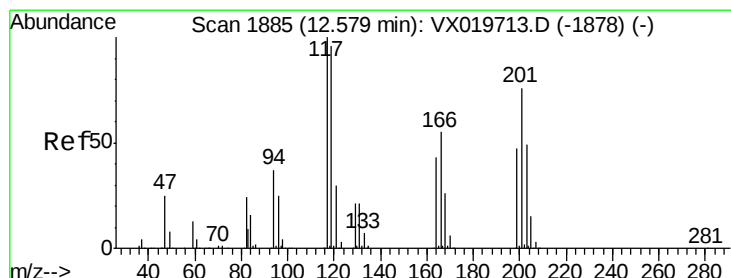
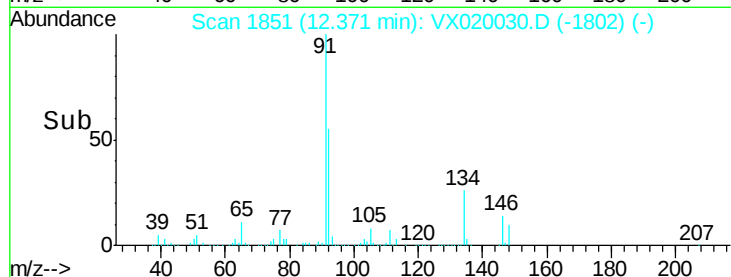
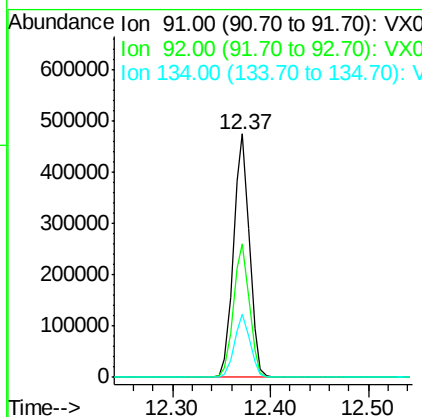
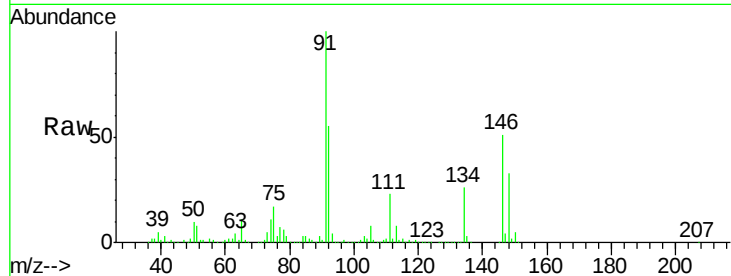




#89
n-Butylbenzene
Concen: 52.703 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

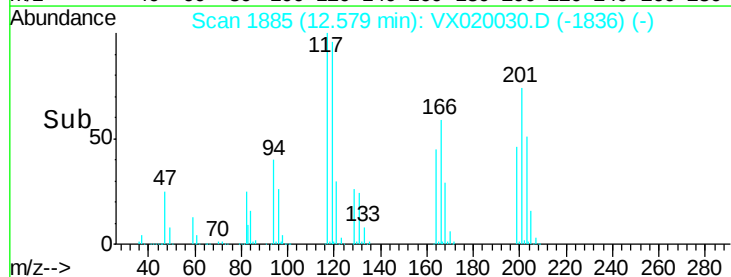
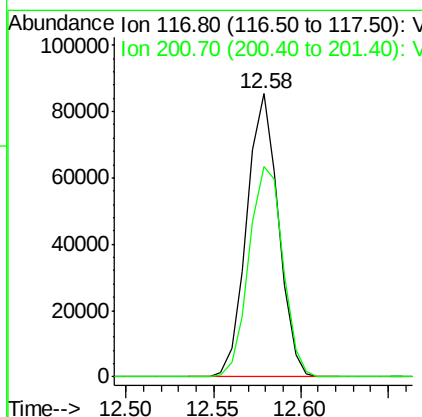
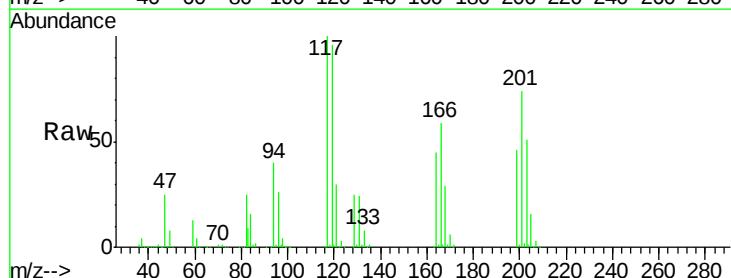
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

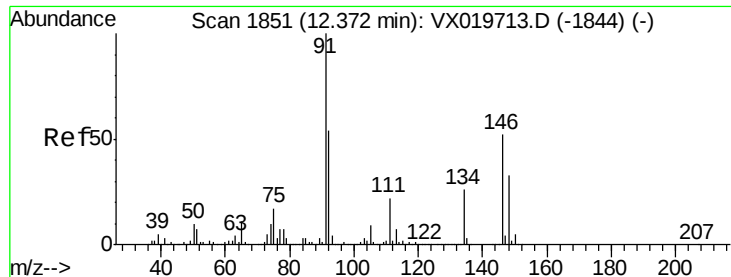
Tgt Ion: 91 Resp: 533353
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.0
134 25.4 13.2 39.5



#90
Hexachloroethane
Concen: 54.449 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion: 117 Resp: 107376
Ion Ratio Lower Upper
117 100
201 79.7 40.4 121.2

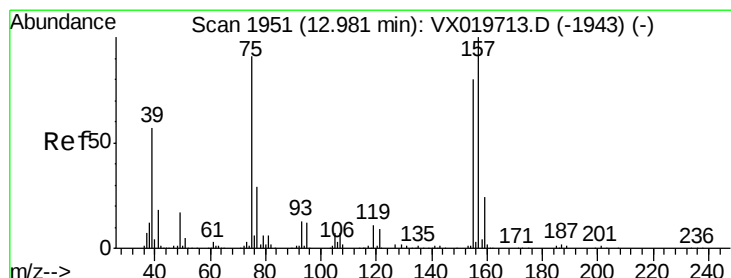
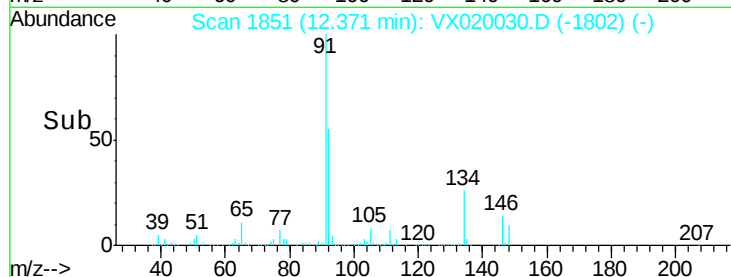
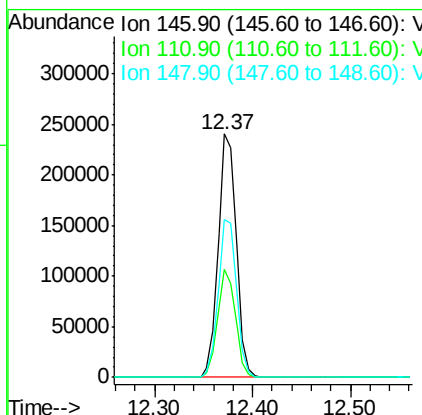
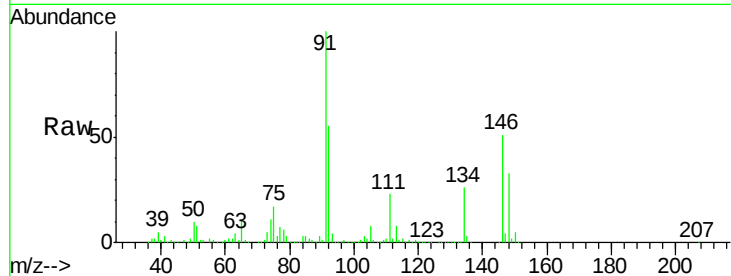




#91
 1,2-Dichlorobenzene
 Concen: 50.896 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

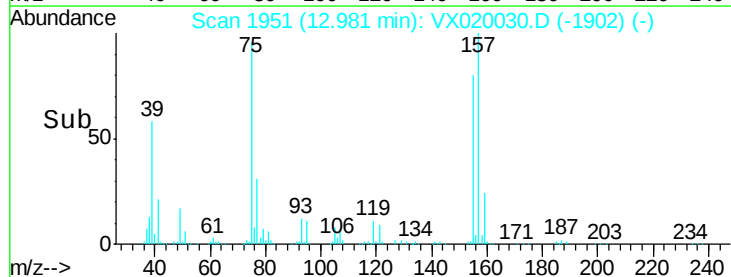
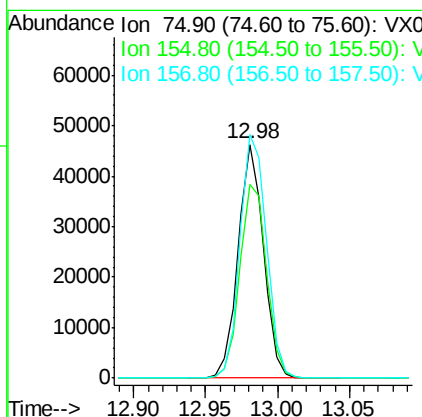
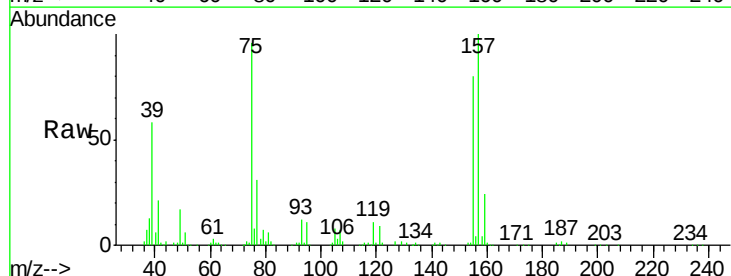
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

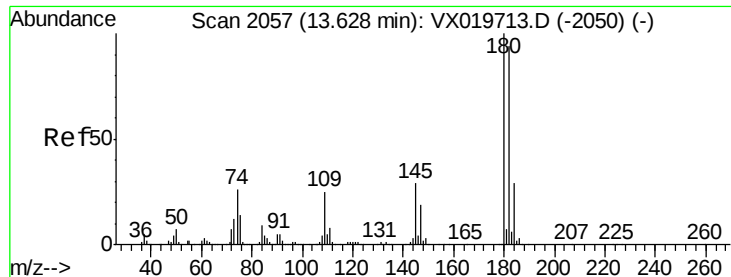
Tgt Ion:146 Resp: 307337
 Ion Ratio Lower Upper
 146 100
 111 43.8 20.8 62.2
 148 65.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.668 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion: 75 Resp: 56644
 Ion Ratio Lower Upper
 75 100
 155 87.4 45.3 135.9
 157 108.2 57.7 173.1

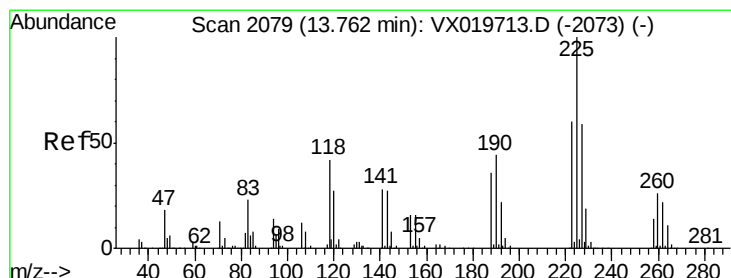
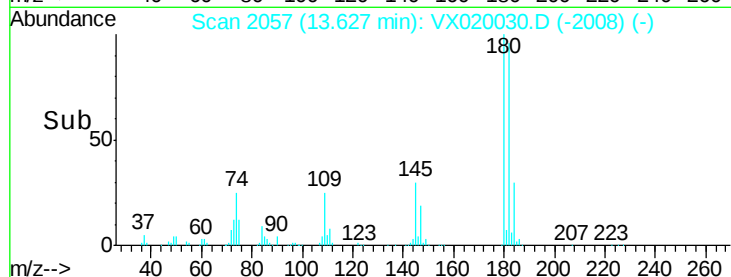
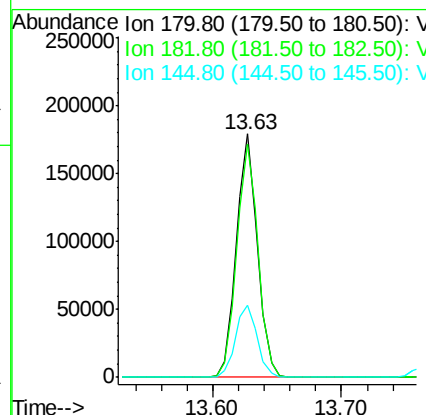
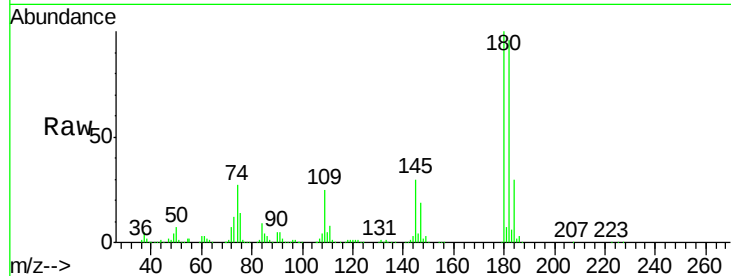




#93
 1,2,4-Trichlorobenzene
 Concen: 52.278 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

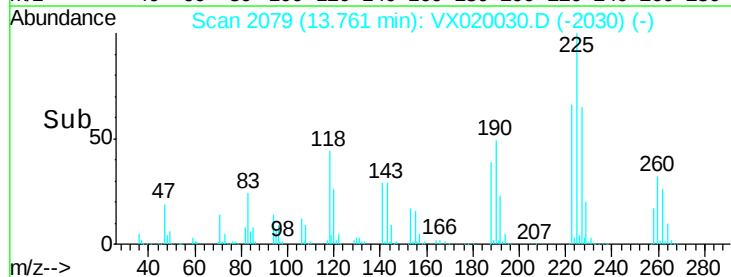
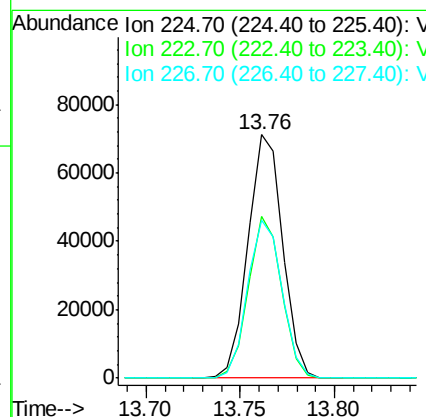
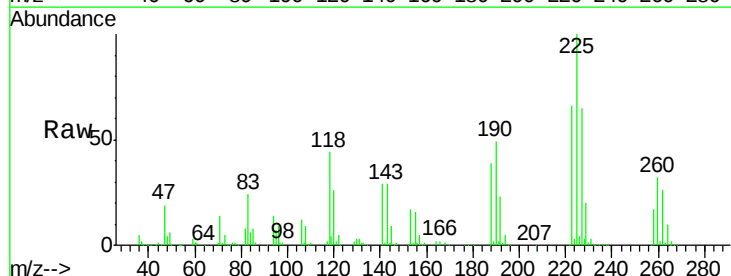
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 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

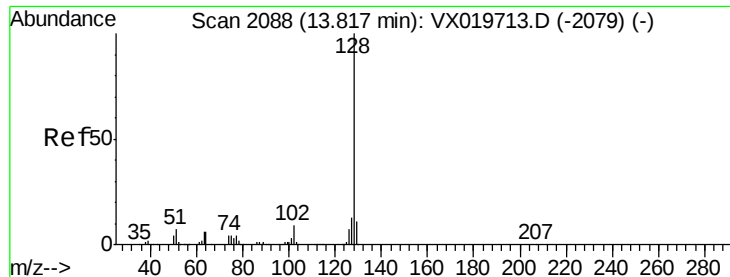
Tgt Ion:180 Resp: 205495
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.7 143.1
 145 30.6 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 51.572 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX020030.D
 Acq: 15 Dec 2020 22:23

Tgt Ion:225 Resp: 90607
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 64.3 31.6 95.0

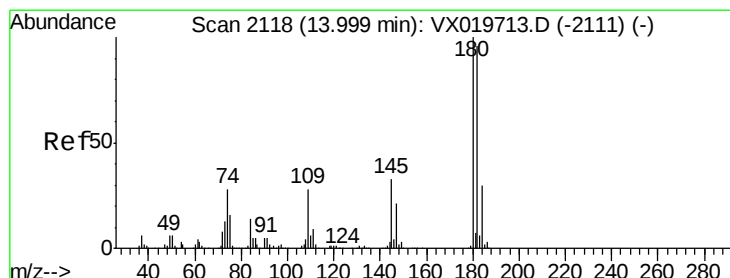
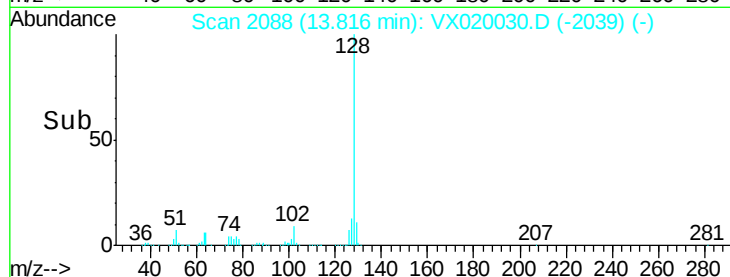
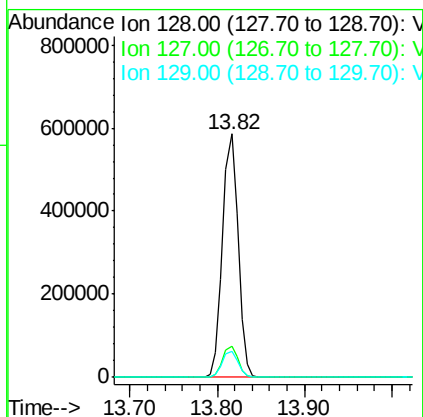
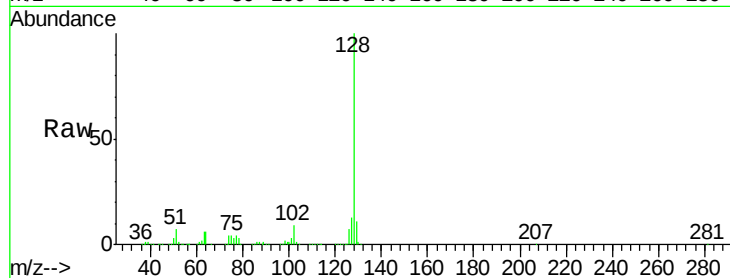




#95
Naphthalene
Concen: 56.361 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 718247
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.455 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX020030.D
Acq: 15 Dec 2020 22:23

Tgt Ion:180 Resp: 209194
Ion Ratio Lower Upper
180 100
182 93.1 47.6 142.9
145 32.6 16.1 48.3

