

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019532.D
 Acq On : 21 Nov 2020 07:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 21 07:48:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	281934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209655	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	186593	51.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.08%	
35) Dibromofluoromethane		5.46	113	151520	49.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.90%	
50) Toluene-d8		8.70	98	567158	48.11	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.22%	
62) 4-Bromofluorobenzene		11.12	95	210721	49.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	135612	49.463	ug/l	100
3) Chloromethane	1.31	50	140486	44.654	ug/l	99
4) Vinyl Chloride	1.39	62	165811	48.959	ug/l	99
5) Bromomethane	1.62	94	43231	33.701	ug/l	100
6) Chloroethane	1.69	64	41207	49.940	ug/l	96
7) Trichlorofluoromethane	1.90	101	237345	48.555	ug/l	98
8) Diethyl Ether	2.17	74	101032	51.609	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129236	47.390	ug/l	99
10) Methyl Iodide	2.48	142	140514	39.221	ug/l	100
11) Tert butyl alcohol	3.05	59	199701	288.665	ug/l	100
12) 1,1-Dichloroethene	2.34	96	136830	48.885	ug/l	99
13) Acrolein	2.28	56	99186	213.290	ug/l	100
14) Allyl chloride	2.70	41	211555	48.247	ug/l	99
15) Acrylonitrile	3.12	53	426644	261.500	ug/l	100
16) Acetone	2.43	43	347266	245.652	ug/l	100
17) Carbon Disulfide	2.54	76	359477	47.806	ug/l	99
18) Methyl Acetate	2.75	43	184188	53.100	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	525435	54.384	ug/l	97
20) Methylene Chloride	2.83	84	167744	47.475	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	157658	49.714	ug/l	98
22) Diisopropyl ether	3.82	45	470670	51.887	ug/l	98
23) Vinyl Acetate	3.79	43	2043126	268.528	ug/l	99
24) 1,1-Dichloroethane	3.67	63	282351	50.890	ug/l	100
25) 2-Butanone	4.64	43	545703	256.974	ug/l	99
26) 2,2-Dichloropropane	4.54	77	169175	34.933	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	187589	51.496	ug/l	99
28) Bromochloromethane	4.98	49	123359	46.504	ug/l	98
29) Tetrahydrofuran	5.09	42	350460	258.653	ug/l	99
30) Chloroform	5.17	83	295560	50.945	ug/l	99
31) Cyclohexane	5.54	56	230504	48.482	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	260794	52.331	ug/l	99
36) 1,1-Dichloropropene	5.76	75	214380	47.315	ug/l	99
37) Ethyl Acetate	4.79	43	216019	50.786	ug/l	99
38) Carbon Tetrachloride	5.75	117	216204	49.299	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	234241	44.401	ug/l	99
40) Benzene	6.11	78	674900	48.480	ug/l	99
41) Methacrylonitrile	5.01	41	118732	50.619	ug/l	99
42) 1,2-Dichloroethane	6.16	62	233986	49.038	ug/l	100
43) Isopropyl Acetate	6.42	43	363983	50.905	ug/l	100
44) Trichloroethene	7.18	130	173609	47.610	ug/l	99
45) 1,2-Dichloropropane	7.49	63	168668	49.216	ug/l	100
46) Dibromomethane	7.63	93	117545	50.113	ug/l	99
47) Bromodichloromethane	7.87	83	233540	51.310	ug/l	98
48) Methyl methacrylate	7.74	41	176674	52.760	ug/l	99
49) 1,4-Dioxane	7.72	88	78623	1034.078	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1071646	257.019	ug/l	99
52) Toluene	8.76	92	422683	49.633	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	246396	50.125	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	266992	48.943	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	171086	49.328	ug/l	99
56) Ethyl methacrylate	9.16	69	265983	54.197	ug/l	99
57) 1,3-Dichloropropane	9.35	76	290596	50.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	692925	240.957	ug/l	99
59) 2-Hexanone	9.48	43	808729	255.745	ug/l	99
60) Dibromochloromethane	9.57	129	177825	52.344	ug/l	99
61) 1,2-Dibromoethane	9.65	107	180903	50.601	ug/l	99
64) Tetrachloroethene	9.32	164	148137	43.731	ug/l	95
65) Chlorobenzene	10.12	112	433272	48.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	164961	51.184	ug/l	98
67) Ethyl Benzene	10.23	91	782400	50.406	ug/l	98
68) m/p-Xylenes	10.34	106	586205	101.368	ug/l	98
69) o-Xylene	10.68	106	281470	50.916	ug/l	99
70) Styrene	10.70	104	482567	47.252	ug/l	99
71) Bromoform	10.84	173	125718	46.333	ug/l #	98
73) Isopropylbenzene	11.00	105	750350	51.736	ug/l	99
74) N-amyl acetate	10.88	43	312535	57.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	263713	50.845	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	286644	62.649	ug/l	88
77) Bromobenzene	11.24	156	185327	50.055	ug/l	99
78) n-propylbenzene	11.34	91	838093	50.371	ug/l	100
79) 2-Chlorotoluene	11.40	91	516055	51.143	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	625385	51.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	76809	45.736	ug/l	98
82) 4-Chlorotoluene	11.49	91	601055	50.600	ug/l	100
83) tert-Butylbenzene	11.76	119	616926	52.412	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	639969	51.986	ug/l	99
85) sec-Butylbenzene	11.93	105	690894	49.339	ug/l	100
86) p-Isopropyltoluene	12.05	119	629430	49.508	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	338028	49.713	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	338964	48.396	ug/l	99
89) n-Butylbenzene	12.37	91	531899	46.277	ug/l	98
90) Hexachloroethane	12.58	117	110513	51.947	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	341218	49.964	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57262	54.117	ug/l	99

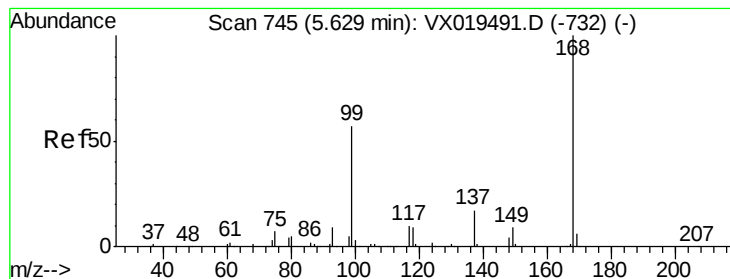
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	218026	49.726	ug/l	98
94) Hexachlorobutadiene	13.76	225	83900	42.006	ug/l	97
95) Naphthalene	13.82	128	769819	49.790	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	223164	50.885	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

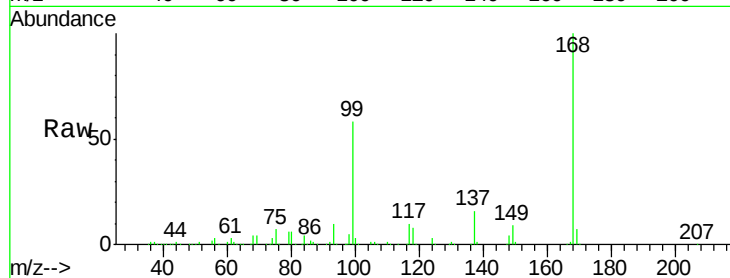
VSTDCCC050EC

Tot Ion:168 Resp: 281934

Ion Ratio Lower Upper

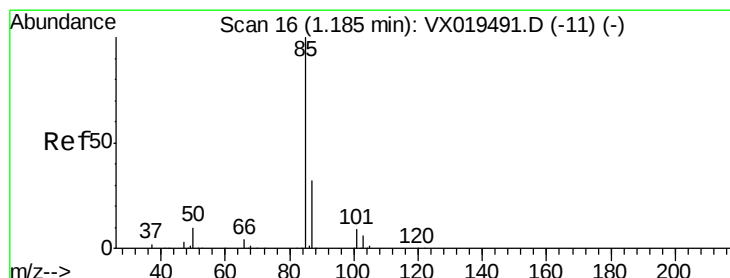
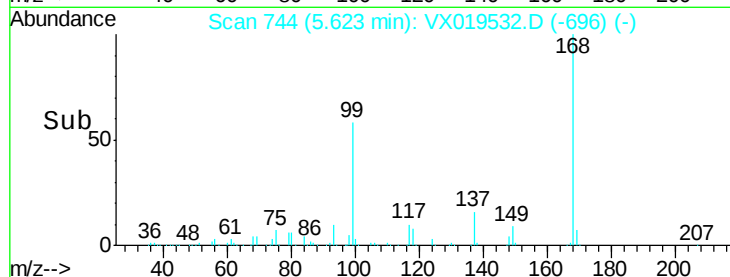
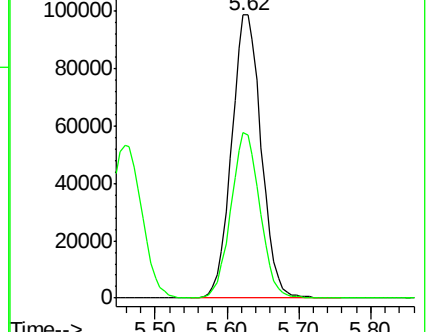
168 100

99 58.4 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: 49.463 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019532.D

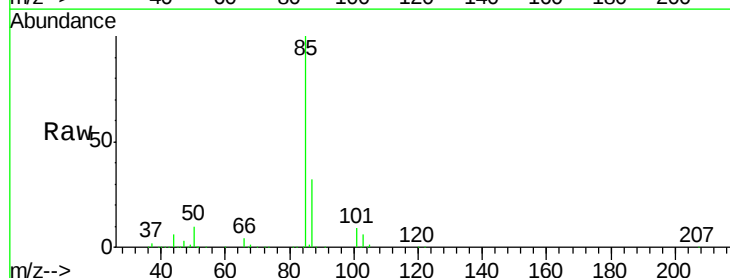
Acq: 21 Nov 2020 07:04

Tgt Ion: 85 Resp: 135612

Ion Ratio Lower Upper

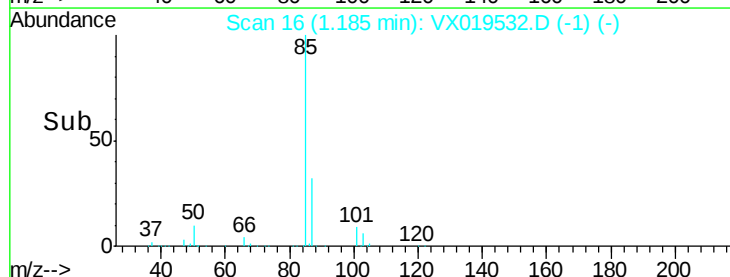
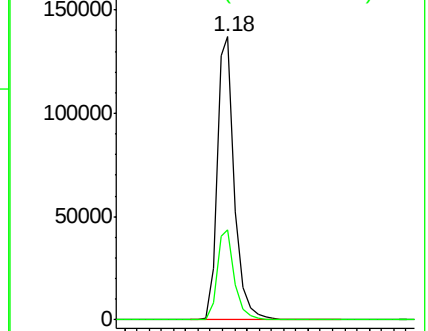
85 100

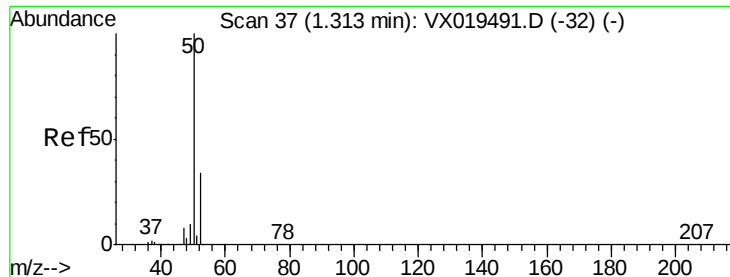
87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.654 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

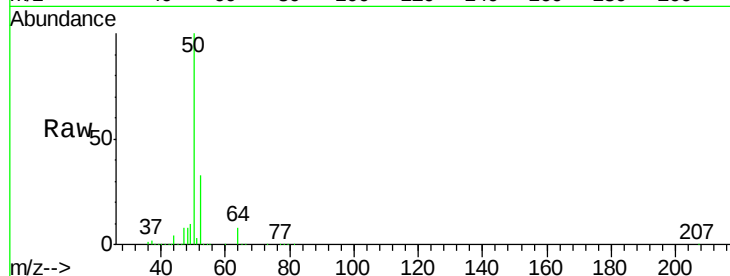
VSTDCCC050EC

Tot Ion: 50 Resp: 140486

Ion Ratio Lower Upper

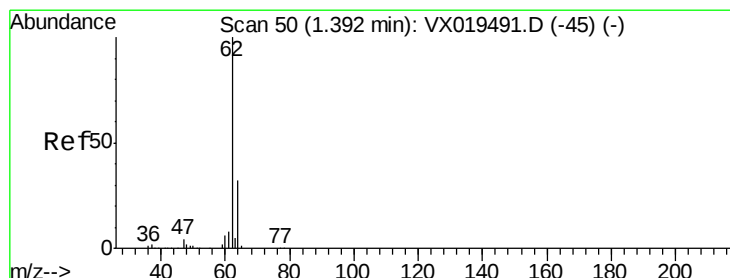
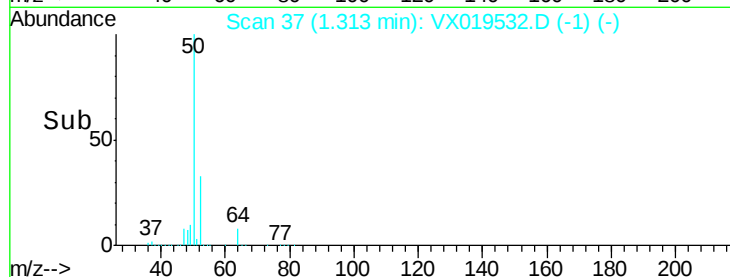
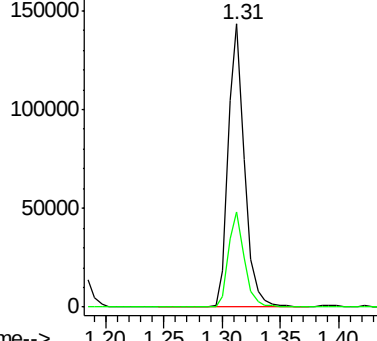
50 100

52 33.5 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.959 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019532.D

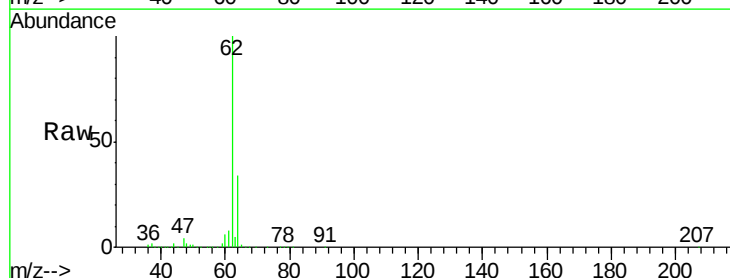
Acq: 21 Nov 2020 07:04

Tgt Ion: 62 Resp: 165811

Ion Ratio Lower Upper

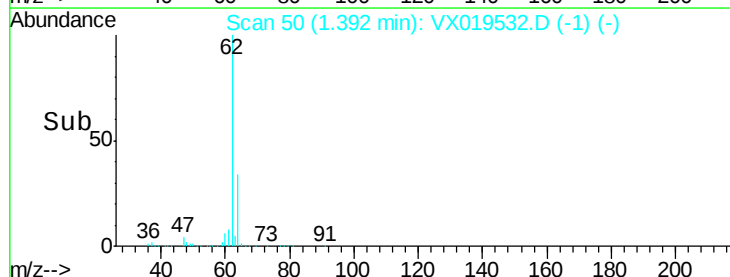
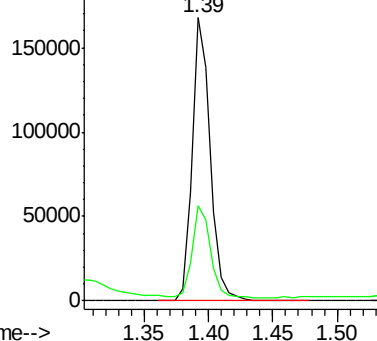
62 100

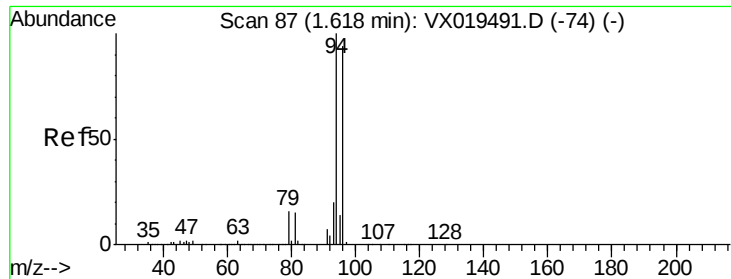
64 32.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 33.701 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

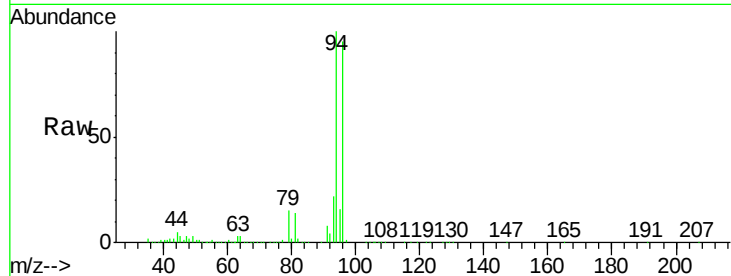
VSTDCCC050EC

Tot Ion: 94 Resp: 43231

Ion Ratio Lower Upper

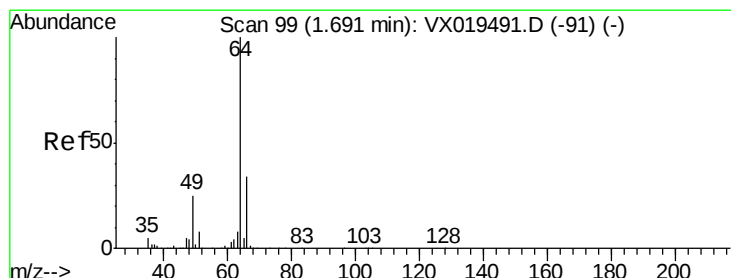
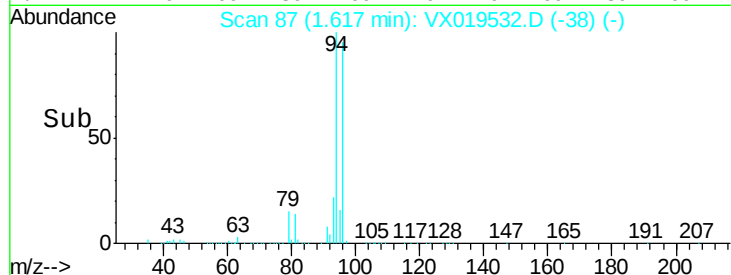
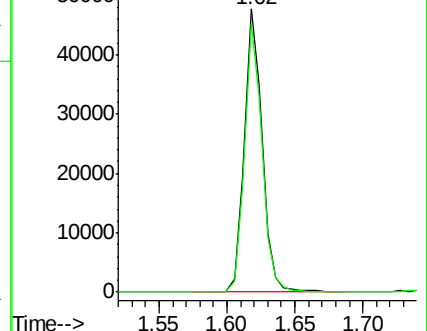
94 100

96 94.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.940 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019532.D

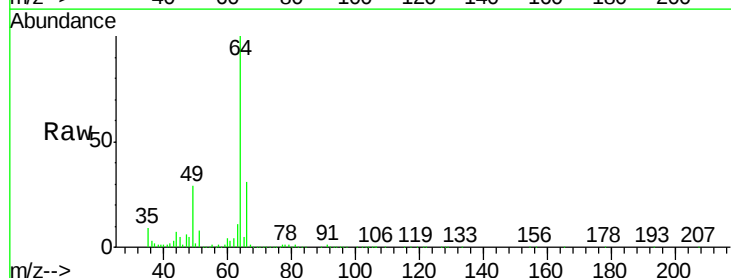
Acq: 21 Nov 2020 07:04

Tgt Ion: 64 Resp: 41207

Ion Ratio Lower Upper

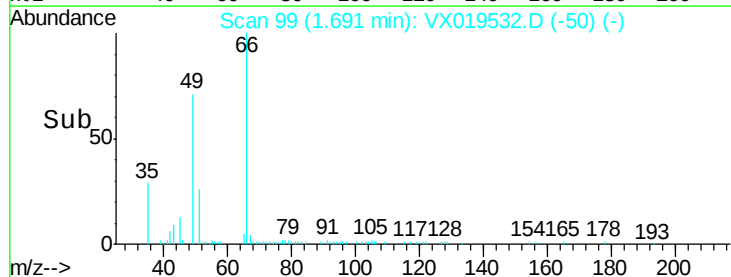
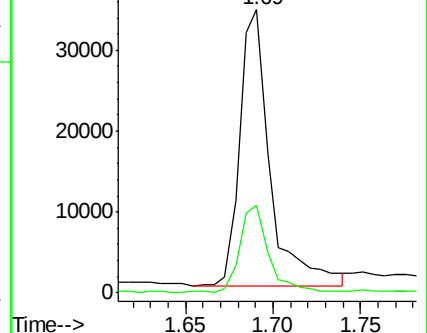
64 100

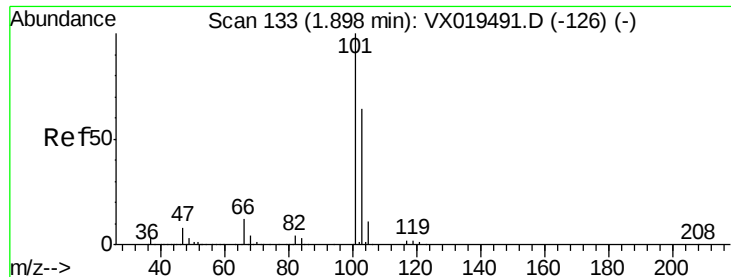
66 31.3 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



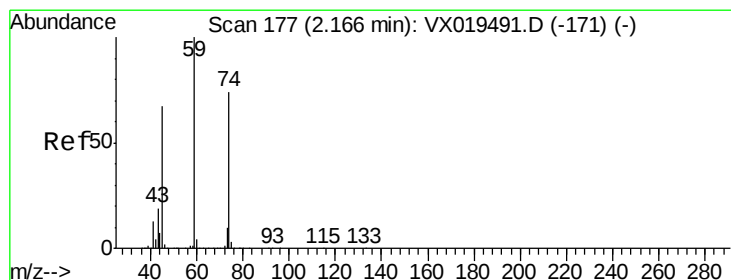
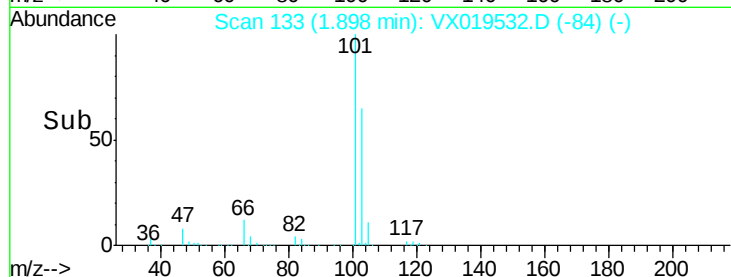
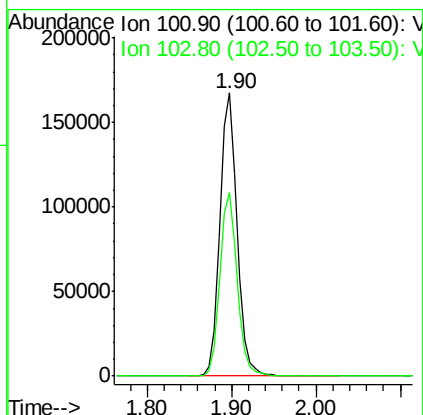
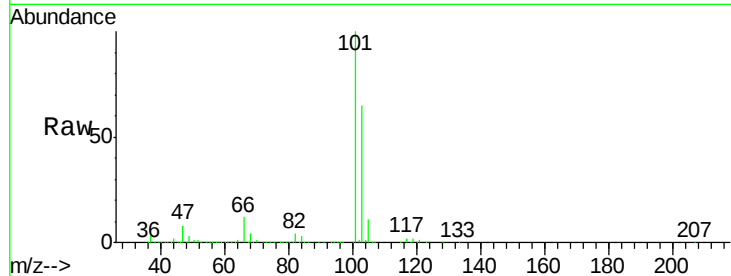


#7

Trichlorofluoromethane
Concen: 48.555 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

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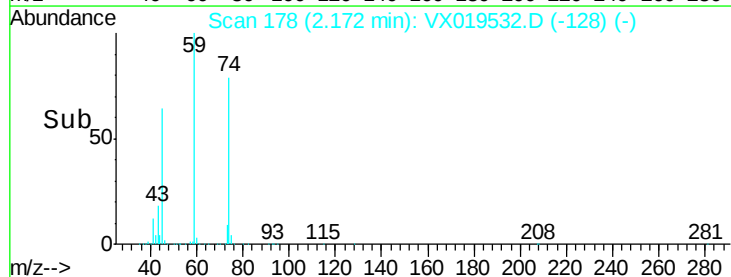
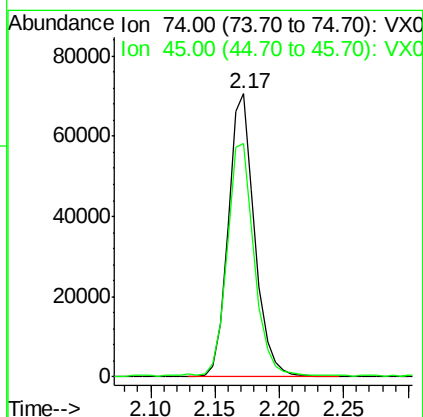
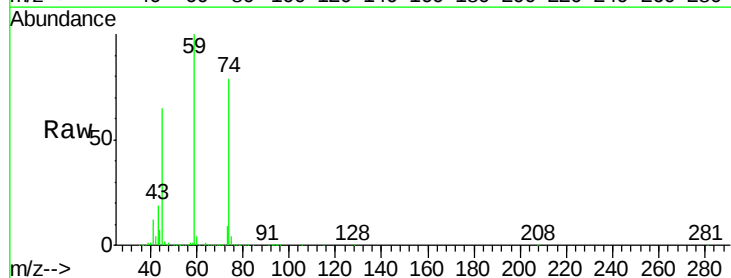
Tot Ion:101 Resp: 237345
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3

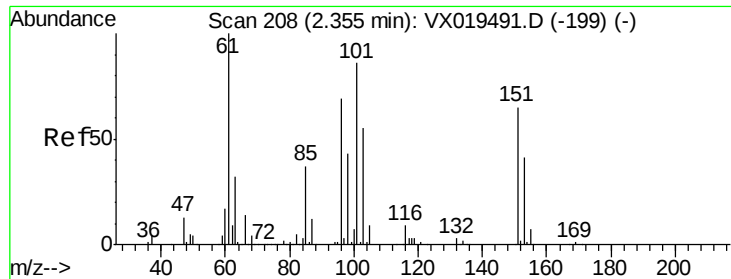


#8

Diethyl Ether
Concen: 51.609 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 74 Resp: 101032
Ion Ratio Lower Upper
74 100
45 84.5 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.390 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

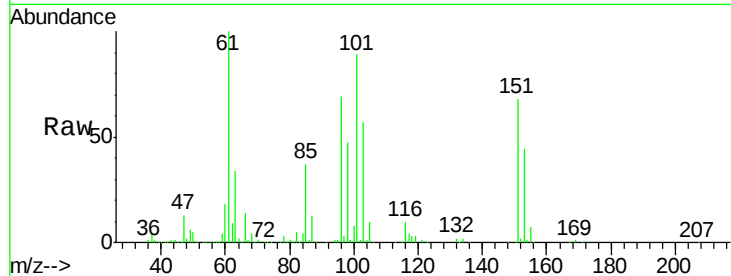
Tot Ion:101 Resp: 129236

Ion Ratio Lower Upper

101 100

85 42.7 33.9 50.9

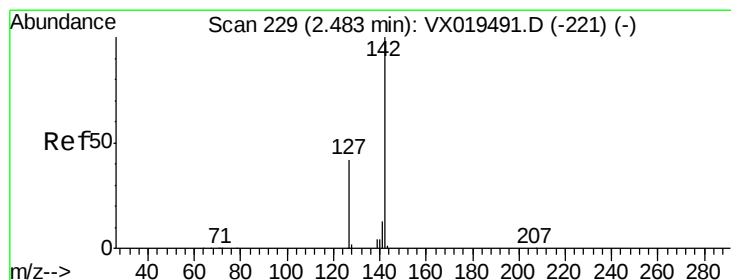
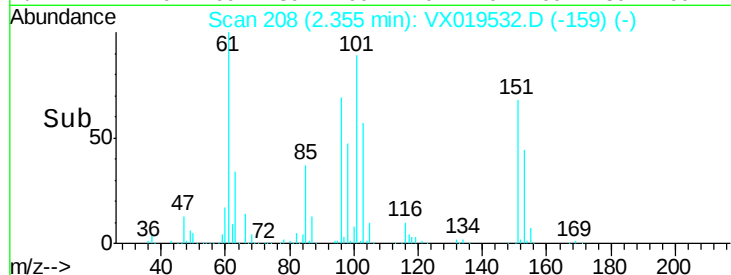
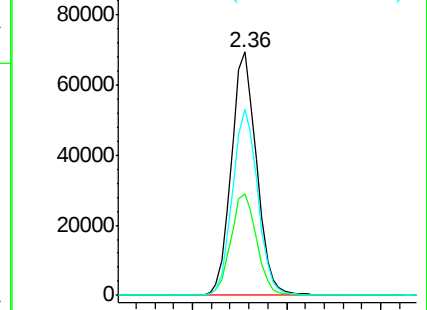
151 76.8 60.9 91.3



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: 39.221 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

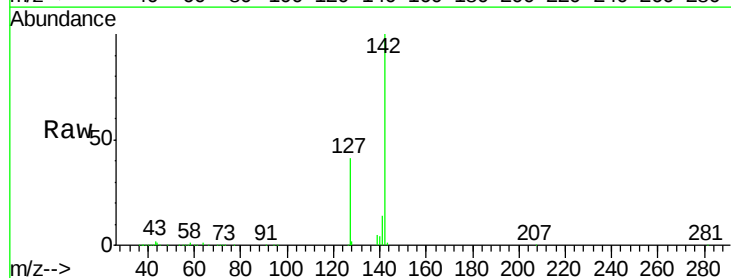
Tgt Ion:142 Resp: 140514

Ion Ratio Lower Upper

142 100

127 42.0 33.8 50.6

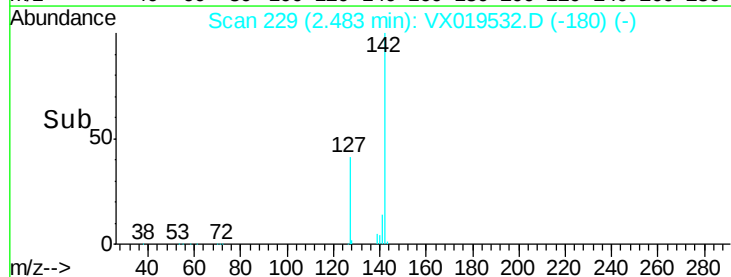
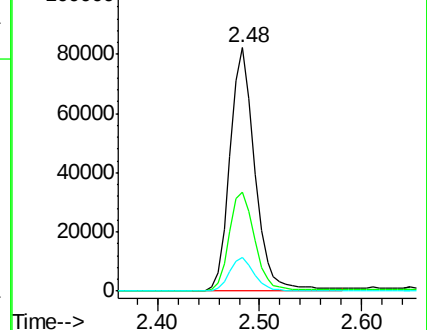
141 14.0 11.0 16.6

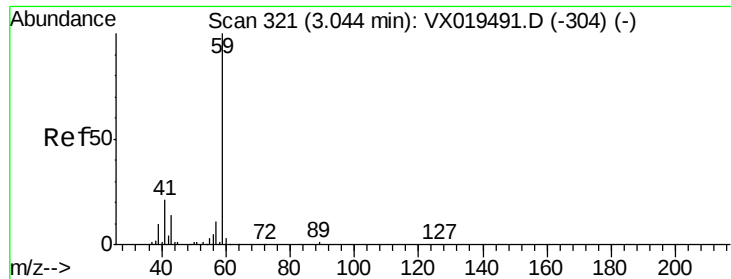


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

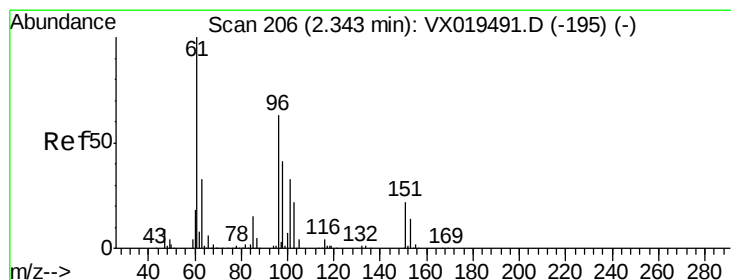
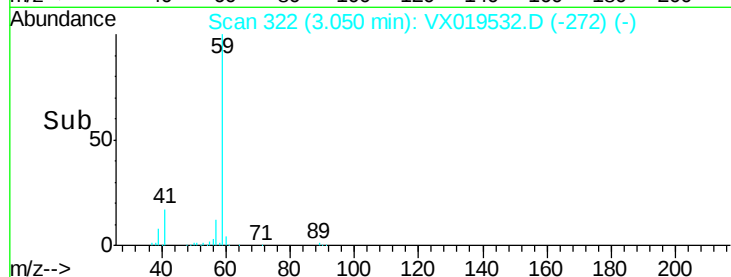
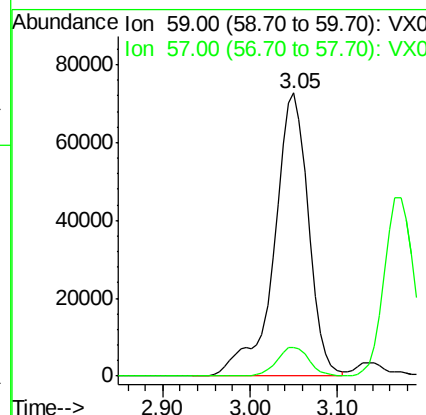
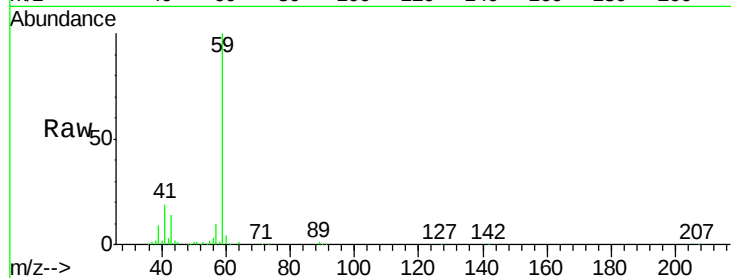




#11
Tert butyl alcohol
Concen: 288.665 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

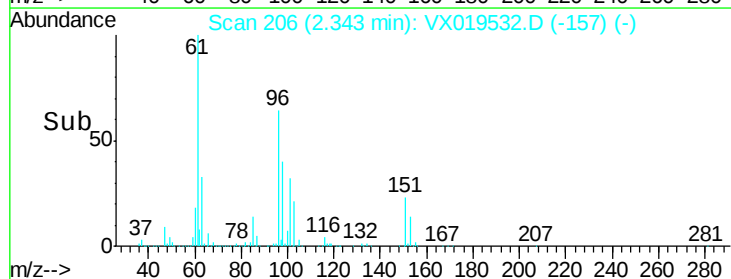
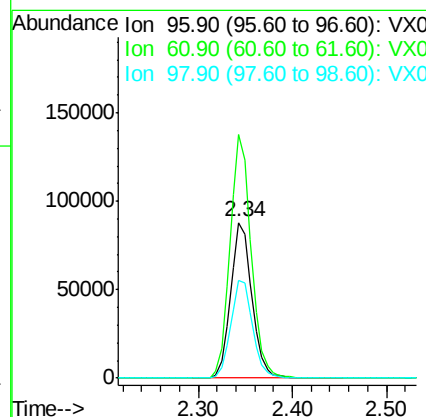
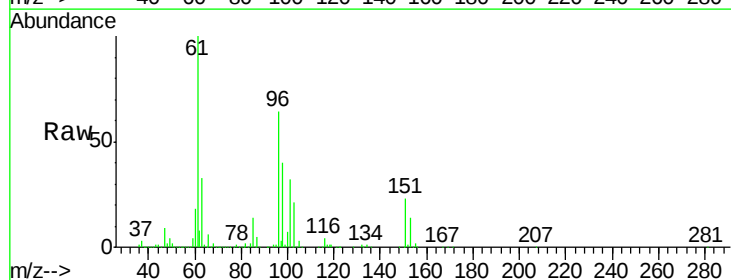
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

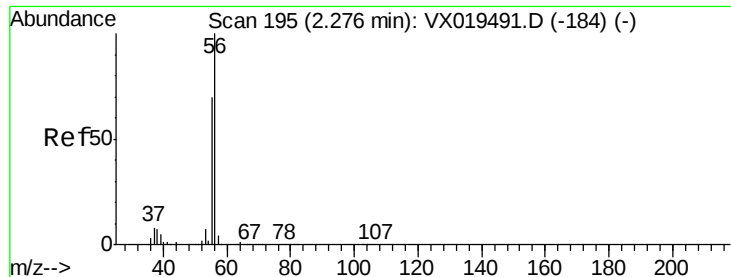
Tot Ion: 59 Resp: 199701
Ion Ratio Lower Upper
59 100
57 9.7 7.9 11.9



#12
1,1-Dichloroethene
Concen: 48.885 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 96 Resp: 136830
Ion Ratio Lower Upper
96 100
61 156.7 126.0 189.0
98 62.9 52.0 78.0





#13

Acrolein

Concen: 213.290 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

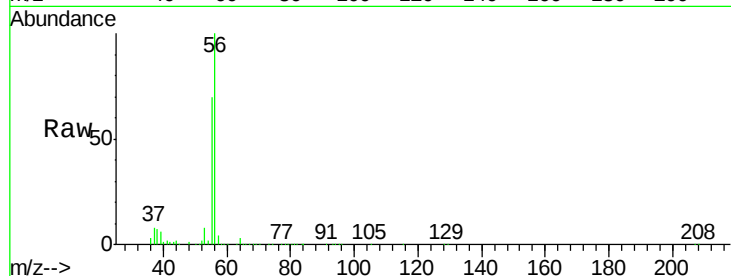
VSTDCCC050EC

Tot Ion: 56 Resp: 99186

Ion Ratio Lower Upper

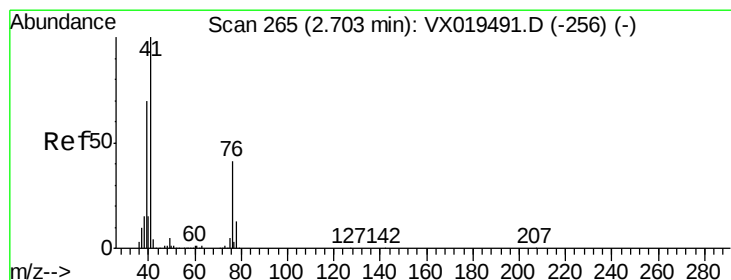
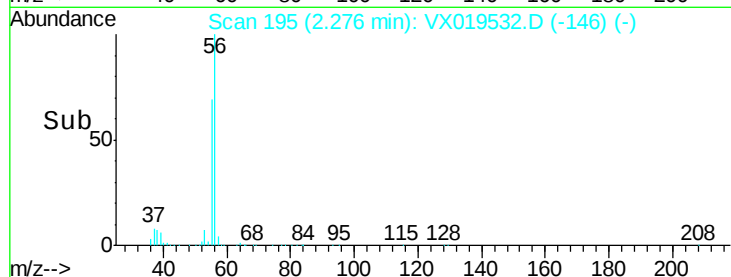
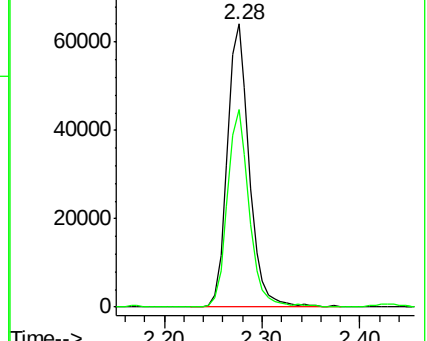
56 100

55 69.4 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.247 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

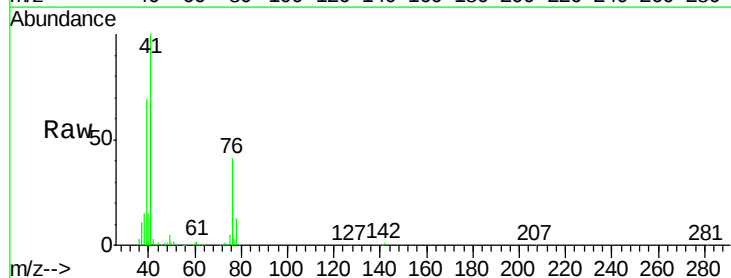
Tgt Ion: 41 Resp: 211555

Ion Ratio Lower Upper

41 100

39 66.8 53.0 79.4

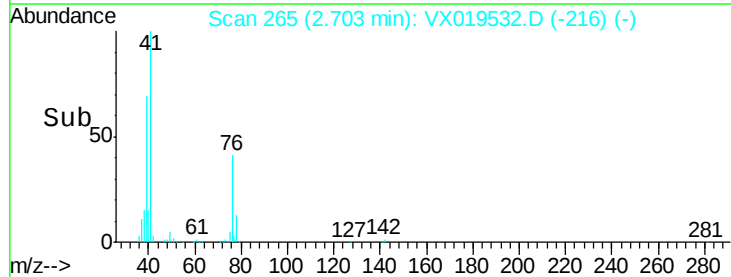
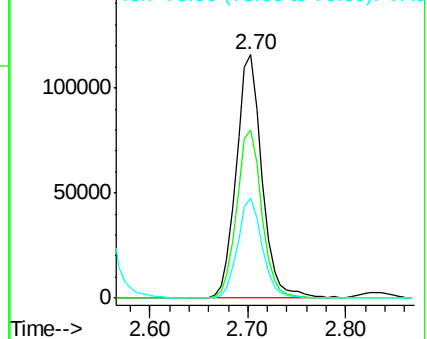
76 39.3 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 261.500 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

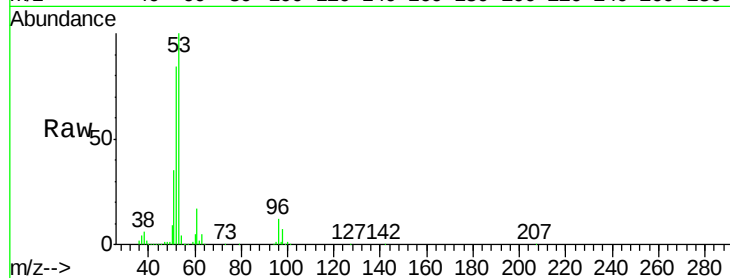
Tot Ion: 53 Resp: 426644

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

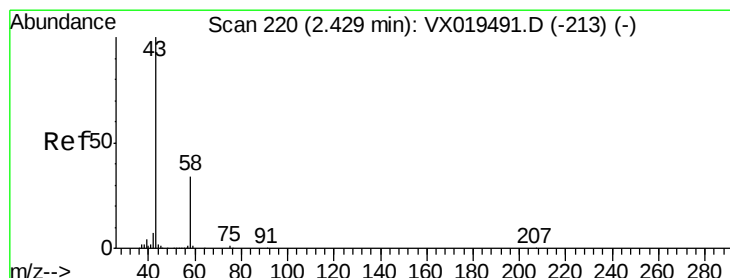
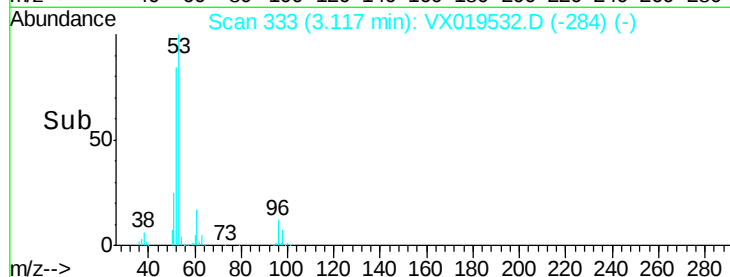
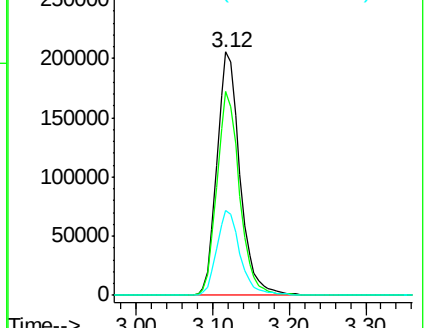
51 35.5 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 245.652 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019532.D

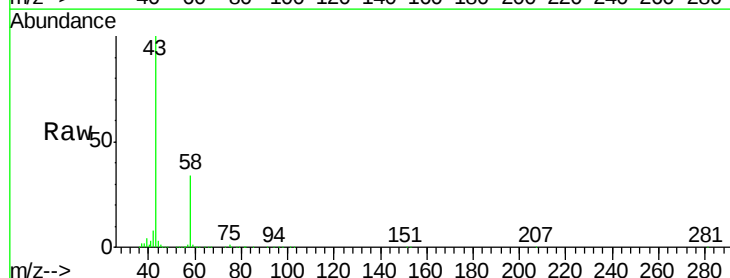
Acq: 21 Nov 2020 07:04

Tgt Ion: 43 Resp: 347266

Ion Ratio Lower Upper

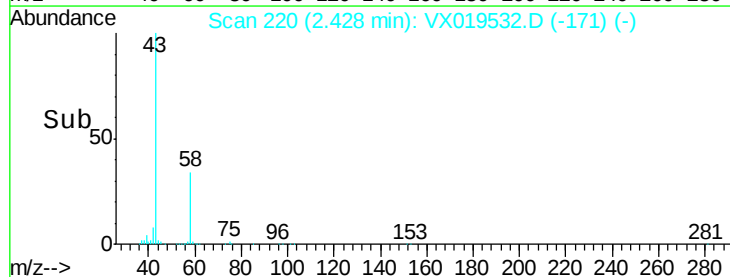
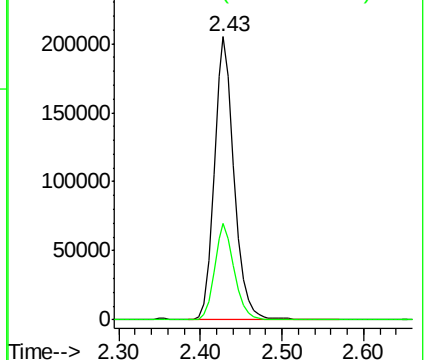
43 100

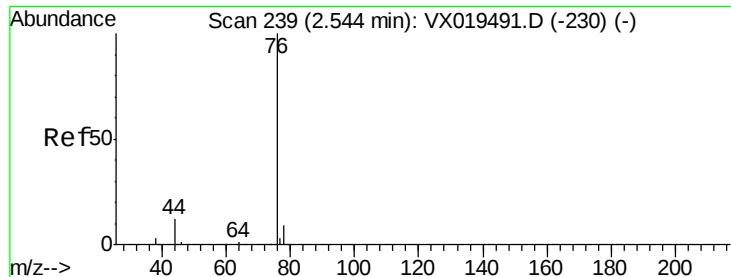
58 34.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

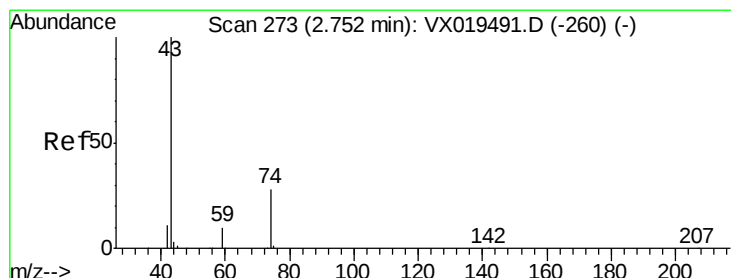
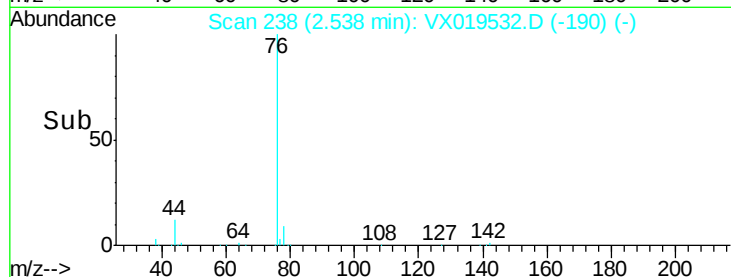
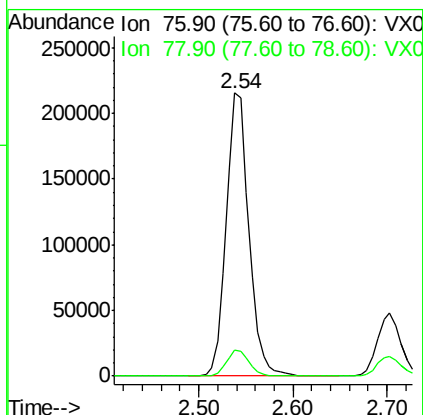
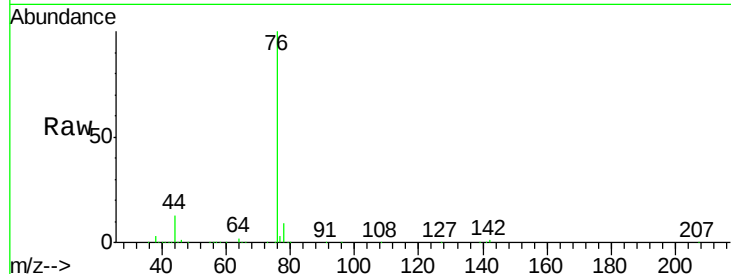




#17
Carbon Disulfide
Concen: 47.806 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

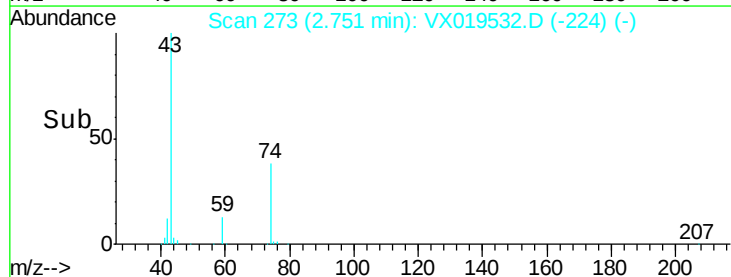
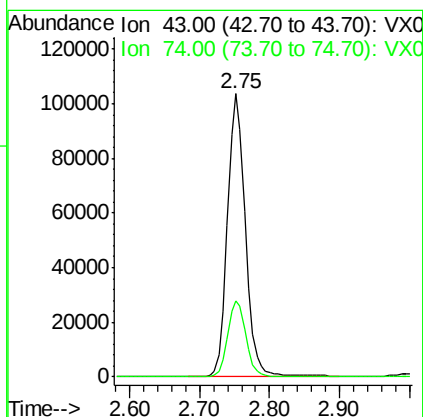
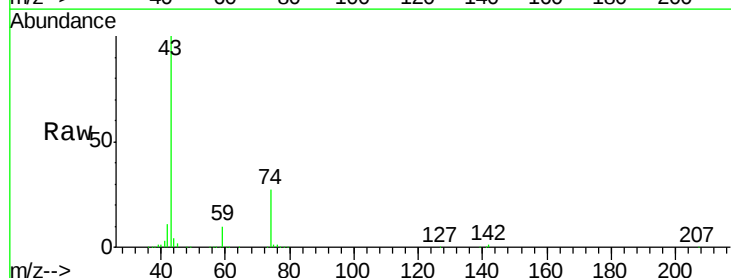
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

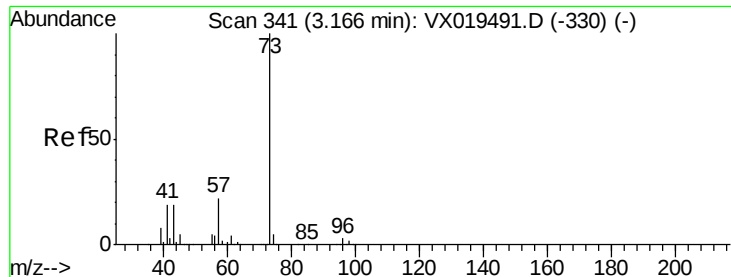
Tot Ion: 76 Resp: 359477
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 53.100 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 43 Resp: 184188
Ion Ratio Lower Upper
43 100
74 27.5 22.2 33.4



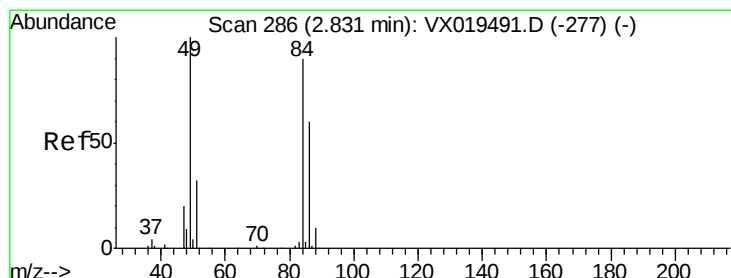
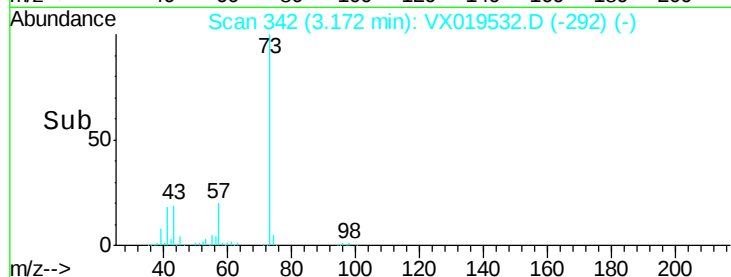
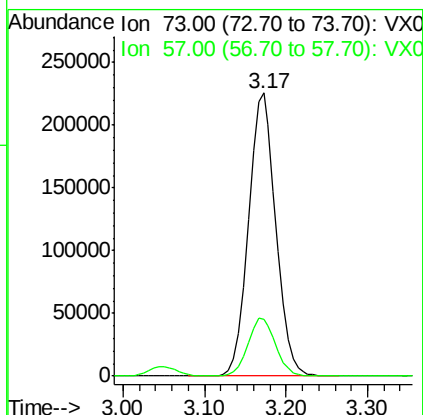
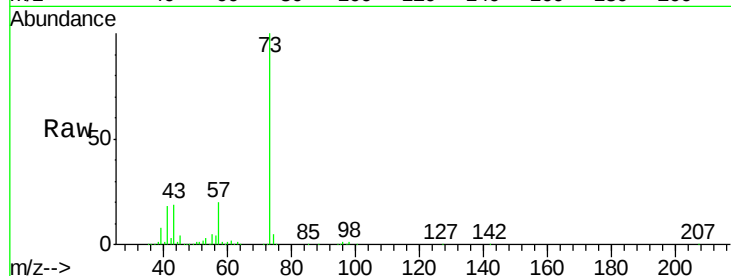


#19

Methyl tert-butyl Ether
 Concen: 54.384 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

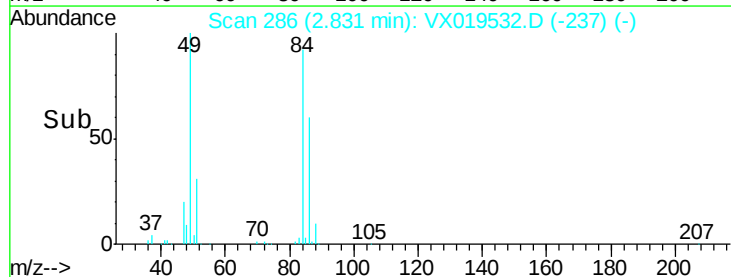
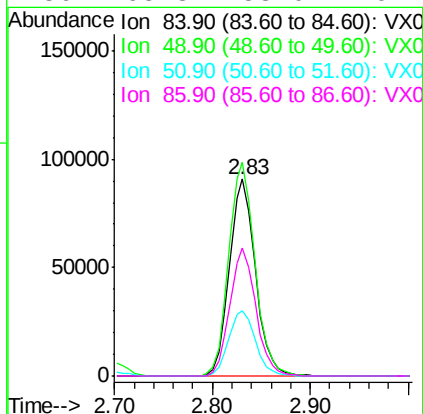
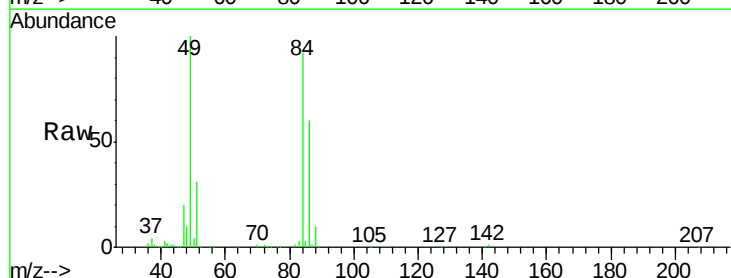
Tot Ion: 73 Resp: 525435
 Ion Ratio Lower Upper
 73 100
 57 20.3 17.3 25.9

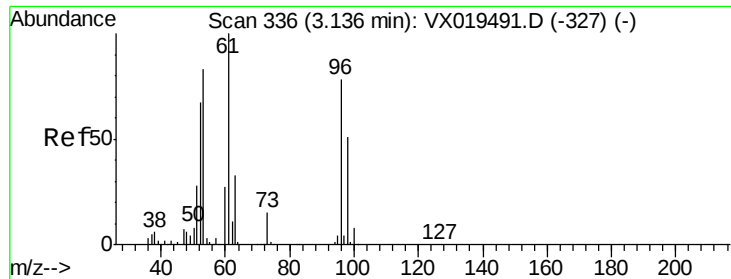


#20

Methylene Chloride
 Concen: 47.475 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

Tgt Ion: 84 Resp: 167744
 Ion Ratio Lower Upper
 84 100
 49 108.6 88.5 132.7
 51 33.5 28.0 42.0
 86 65.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.714 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

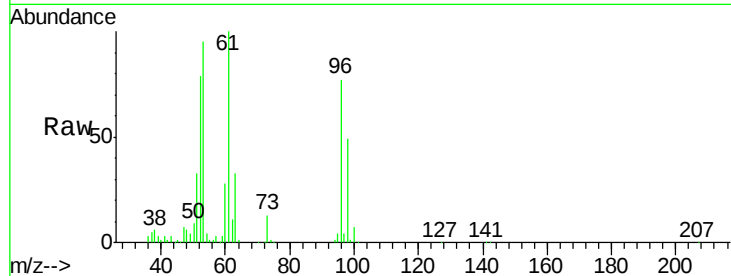
Tot Ion: 96 Resp: 157658

Ion Ratio Lower Upper

96 100

61 130.5 102.9 154.3

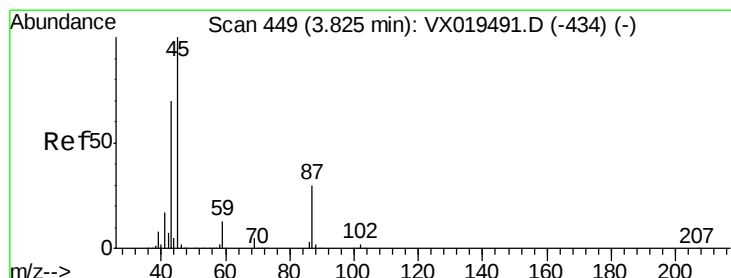
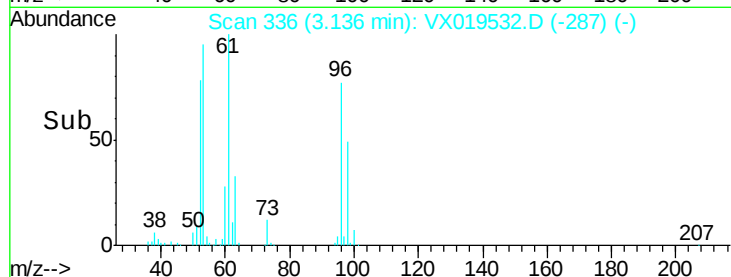
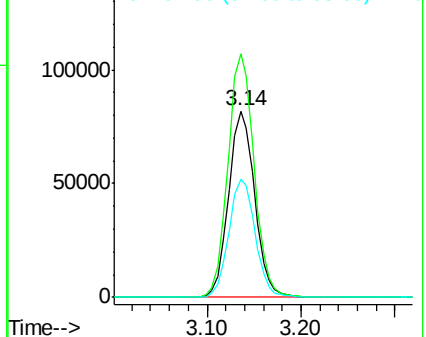
98 63.4 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.887 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Tgt Ion: 45 Resp: 470670

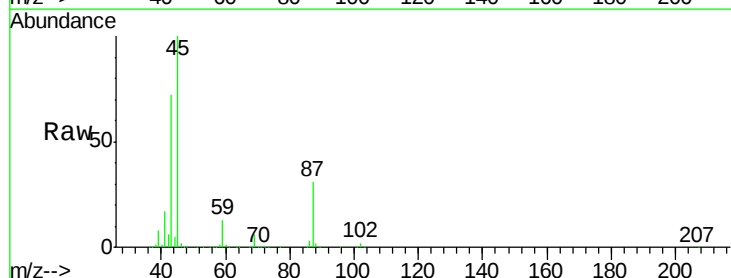
Ion Ratio Lower Upper

45 100

43 72.1 56.1 84.1

87 31.2 24.2 36.2

59 12.8 10.2 15.2

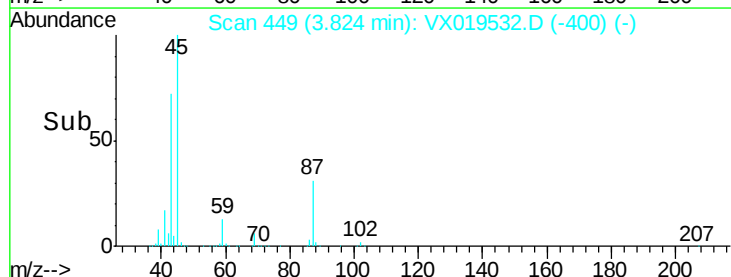
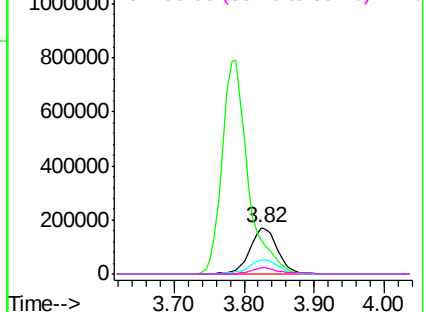


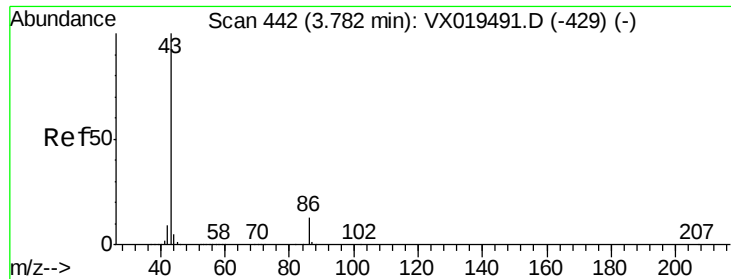
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.528 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

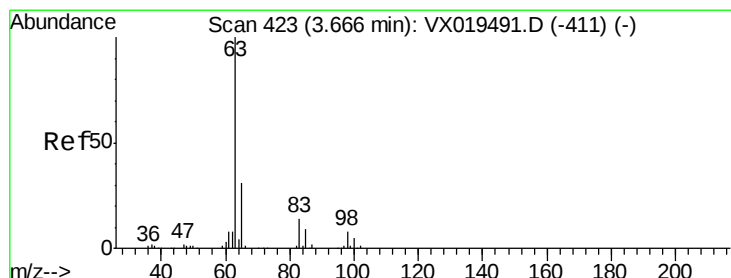
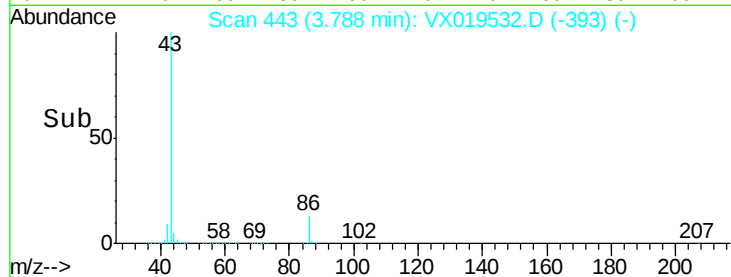
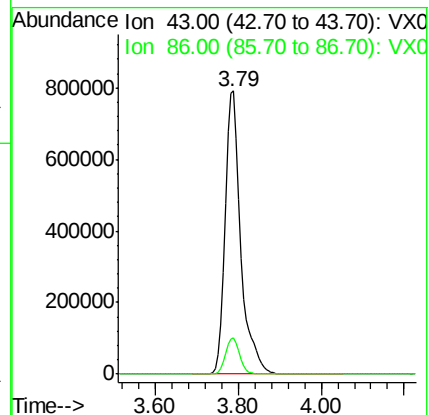
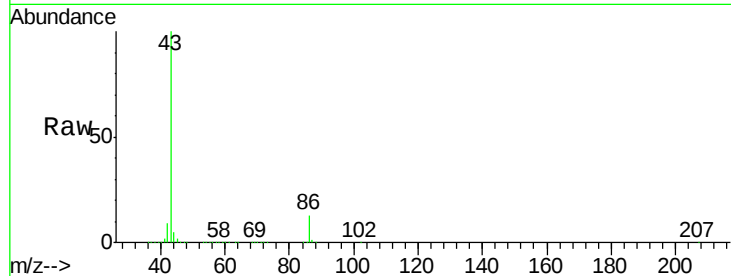
VSTDCCC050EC

Tot Ion: 43 Resp: 2043126

Ion Ratio Lower Upper

43 100

86 13.0 10.2 15.2



#24

1,1-Dichloroethane

Concen: 50.890 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

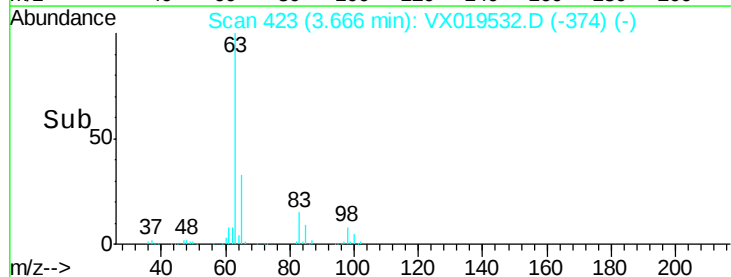
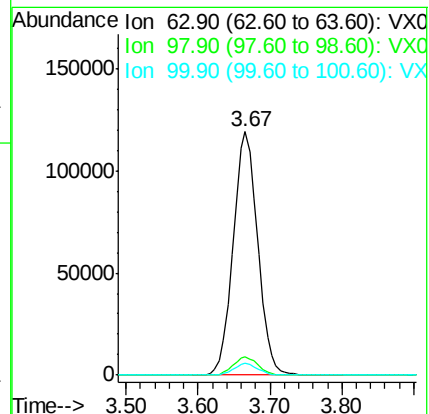
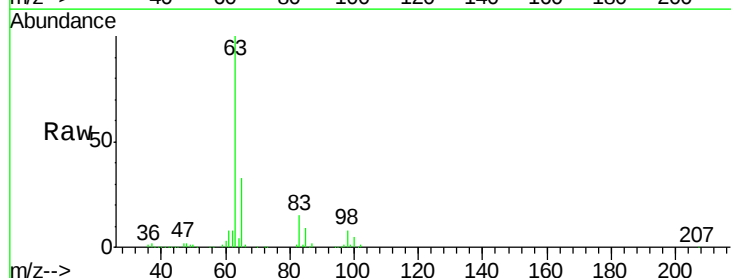
Tgt Ion: 63 Resp: 282351

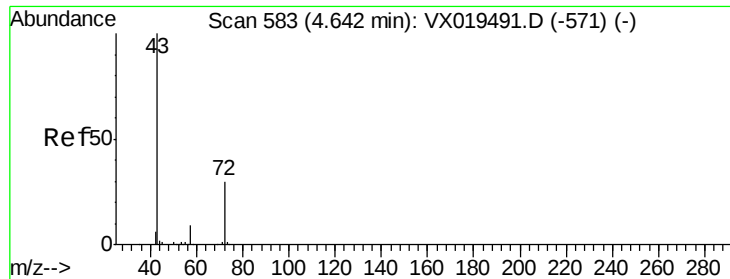
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 256.974 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

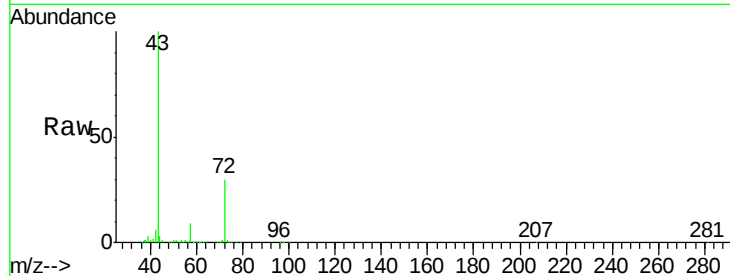
VSTDCCC050EC

Tot Ion: 43 Resp: 545703

Ion Ratio Lower Upper

43 100

72 30.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

150000

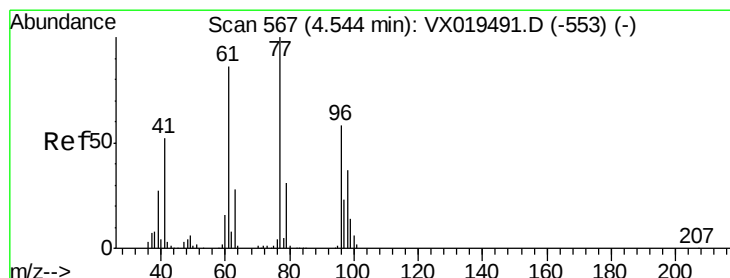
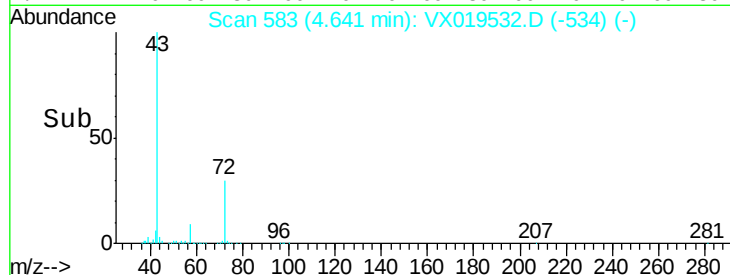
100000

50000

0

4.50 4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.933 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019532.D

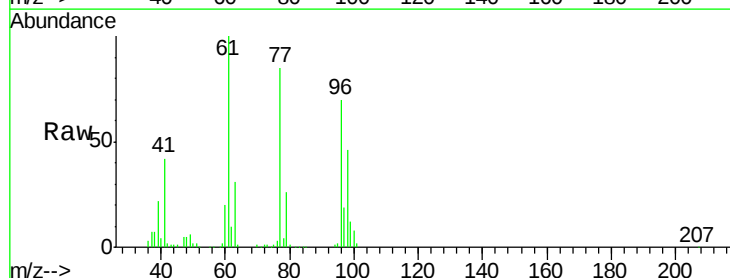
Acq: 21 Nov 2020 07:04

Tgt Ion: 77 Resp: 169175

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

60000

50000

40000

30000

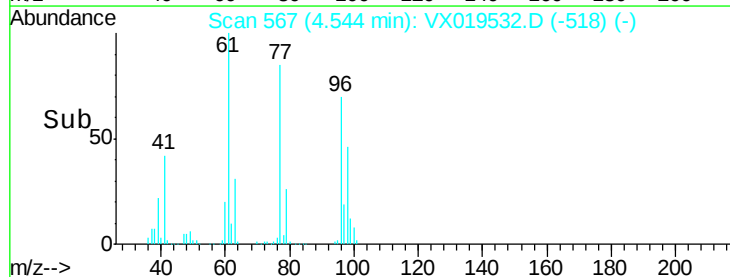
20000

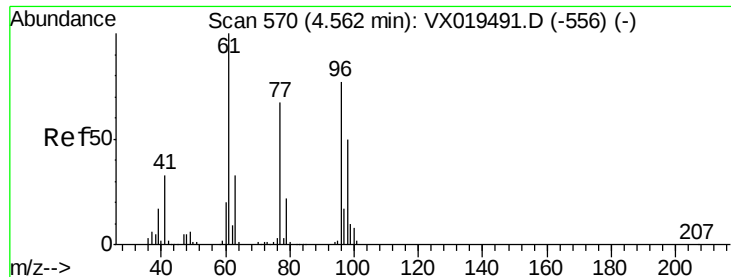
10000

0

4.40 4.50 4.60 4.70

Time-->



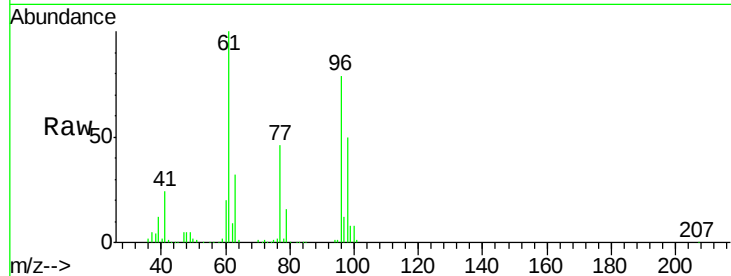


#27

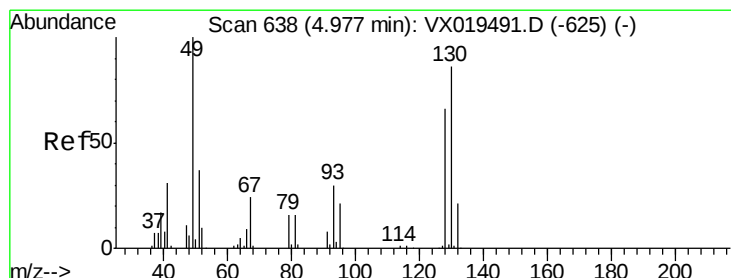
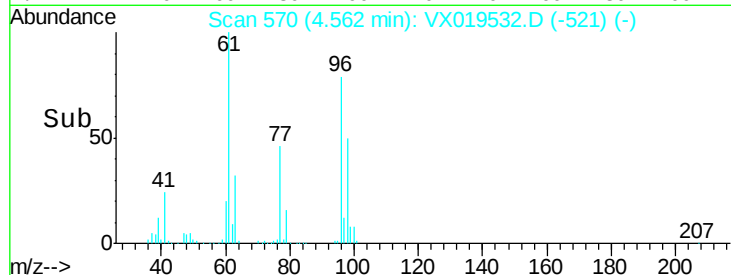
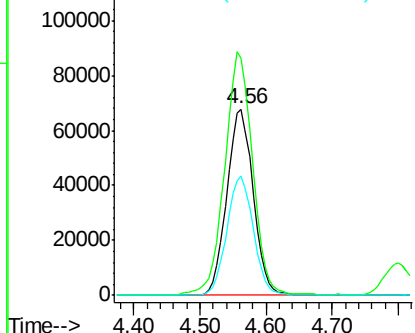
cis-1,2-Dichloroethene
Concen: 51.496 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	279.2
98	64.1	0.0	129.8



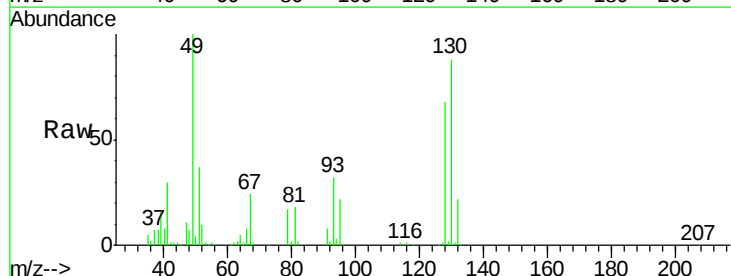
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



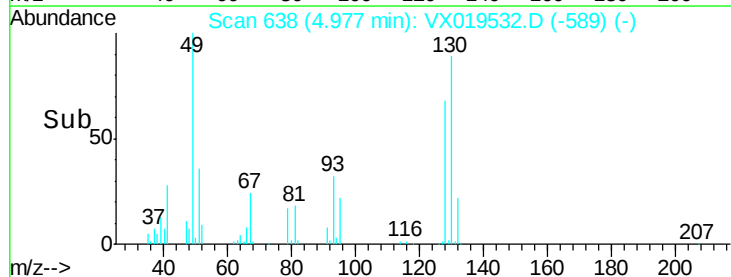
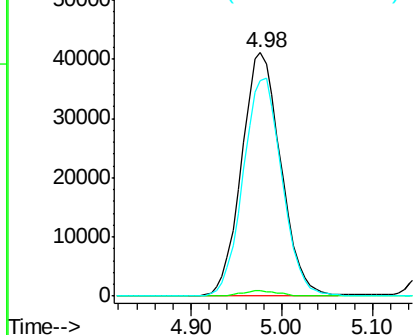
#28

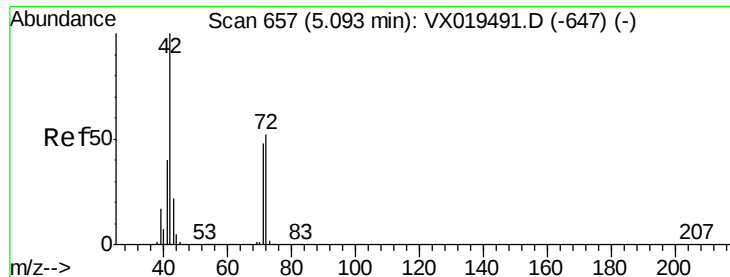
Bromochloromethane
Concen: 46.504 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	88.5	69.0	103.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

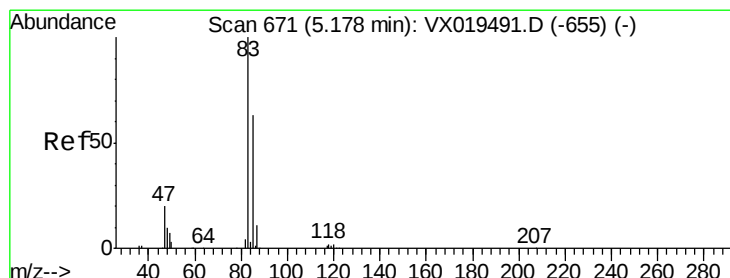
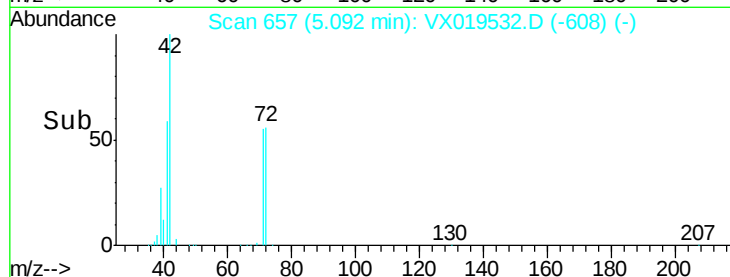
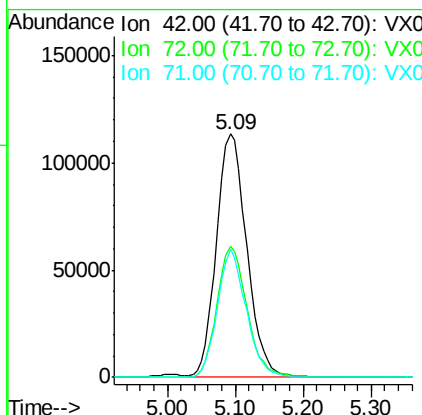
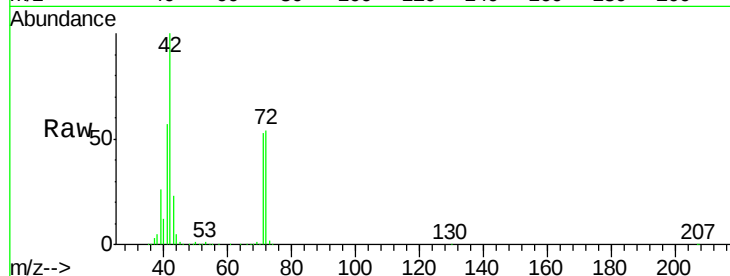




#29
Tetrahydrofuran
Concen: 258.653 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

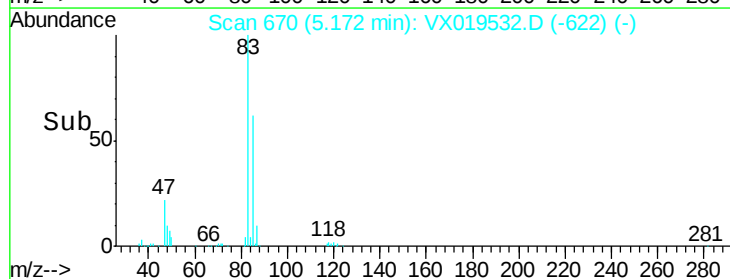
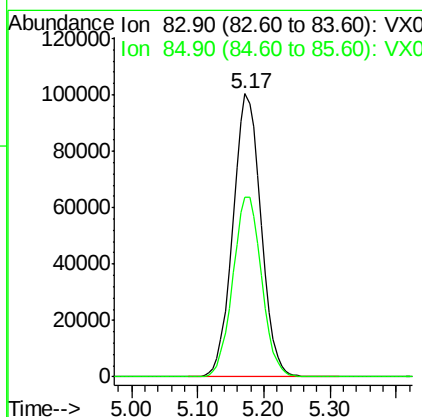
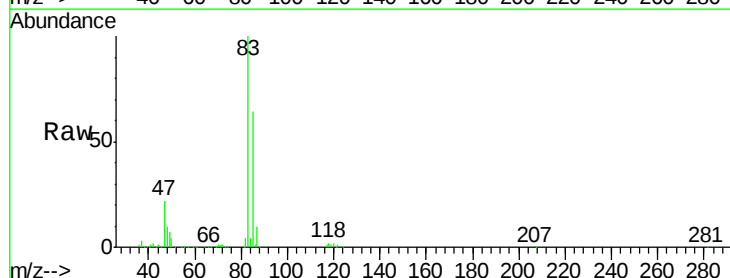
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

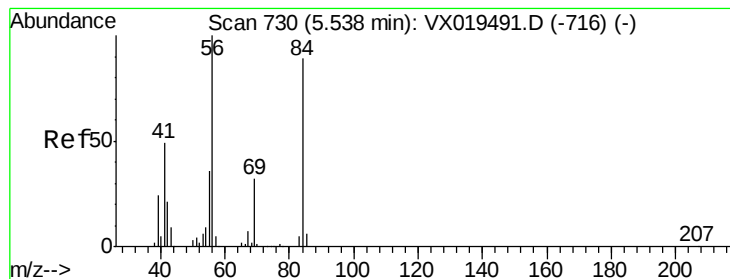
Tot Ion: 42 Resp: 350460
Ion Ratio Lower Upper
42 100
72 53.8 42.6 63.8
71 50.1 39.0 58.6



#30
Chloroform
Concen: 50.945 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 83 Resp: 295560
Ion Ratio Lower Upper
83 100
85 63.6 50.5 75.7





#31

Cvclohexane

Concen: 48.482 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

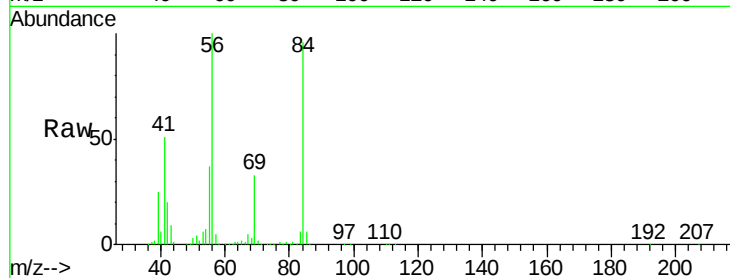
Tot Ion: 56 Resp: 230504

Ion Ratio Lower Upper

56 100

69 33.3 25.5 38.3

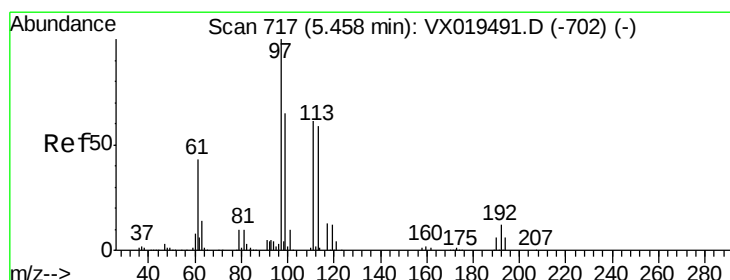
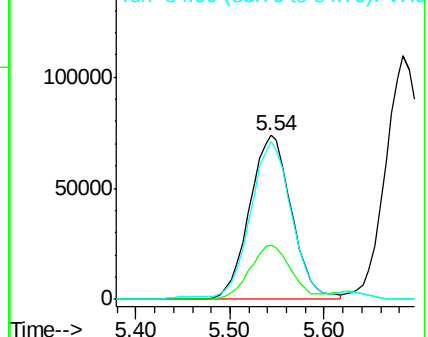
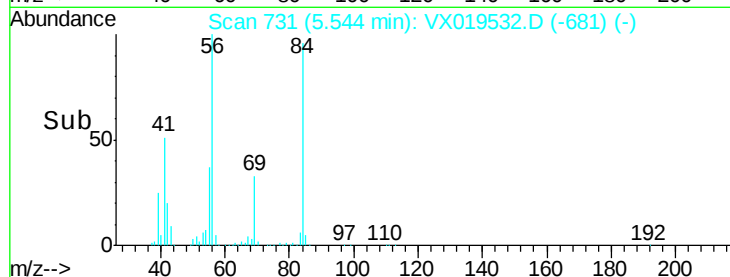
84 94.6 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.331 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

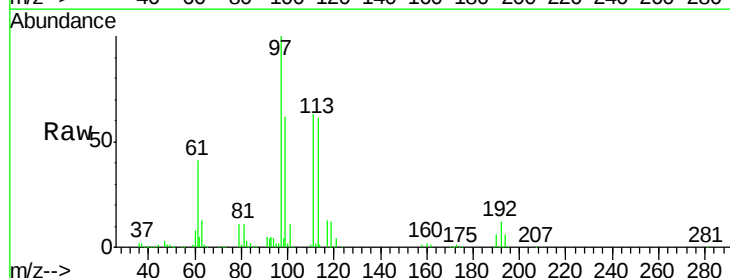
Tgt Ion: 97 Resp: 260794

Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

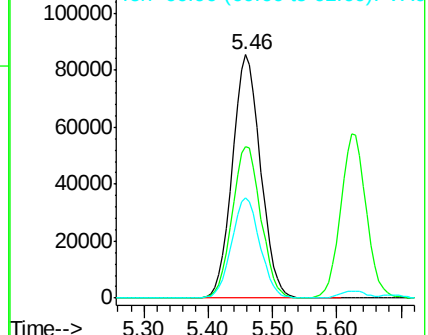
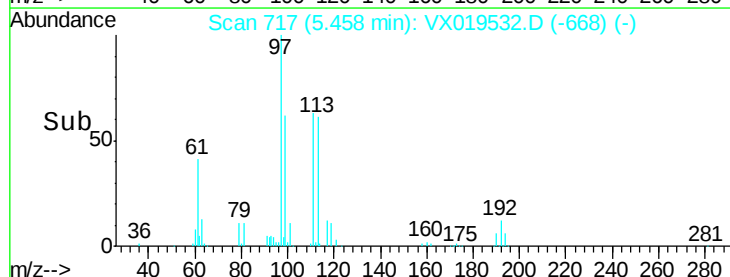
61 41.6 34.2 51.2

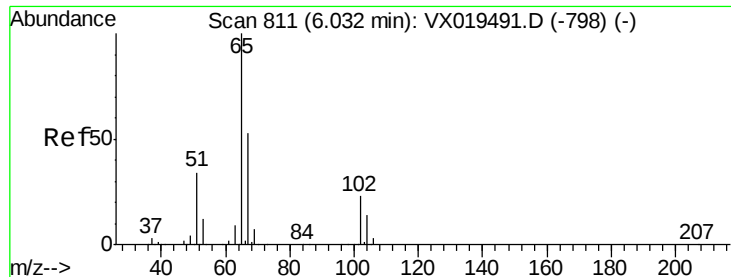


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.044 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

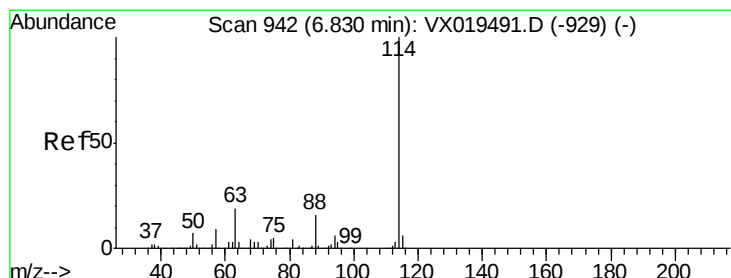
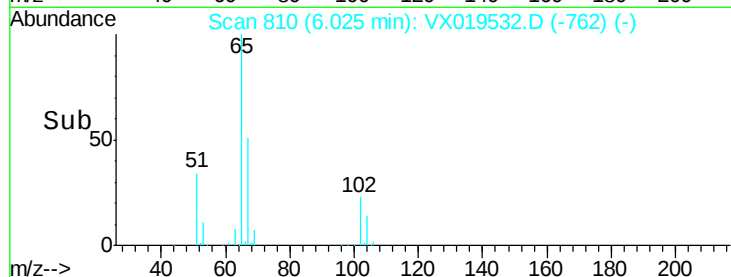
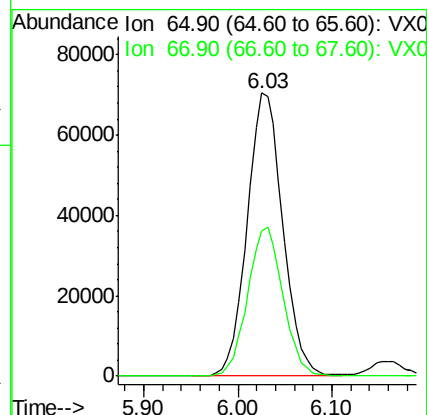
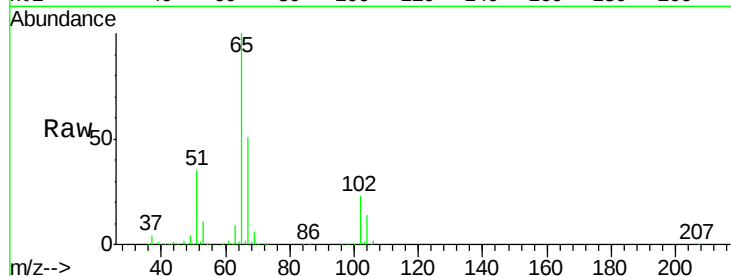
VSTDCCC050EC

Tot Ion: 65 Resp: 186593

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

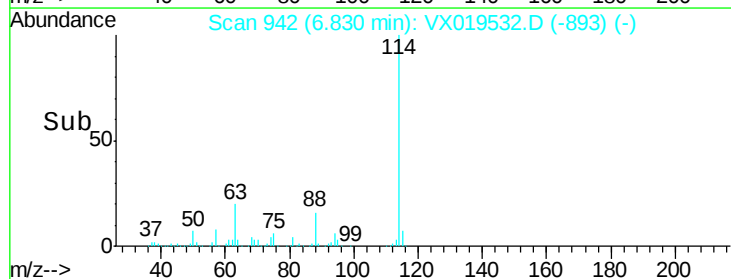
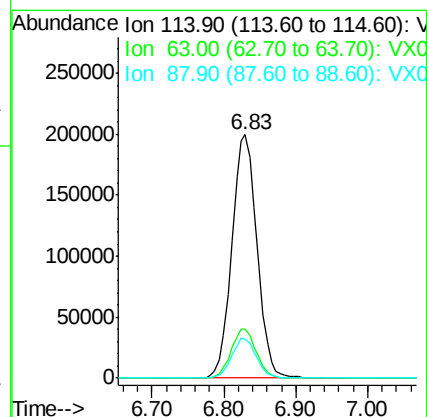
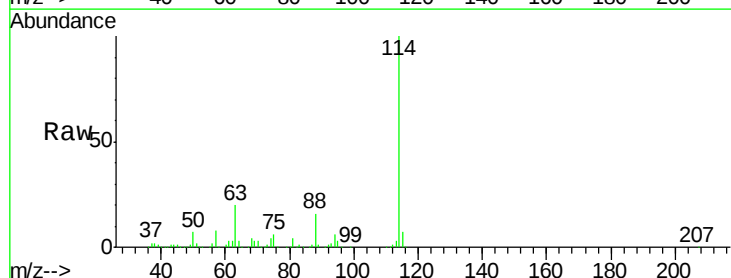
Tgt Ion: 114 Resp: 483292

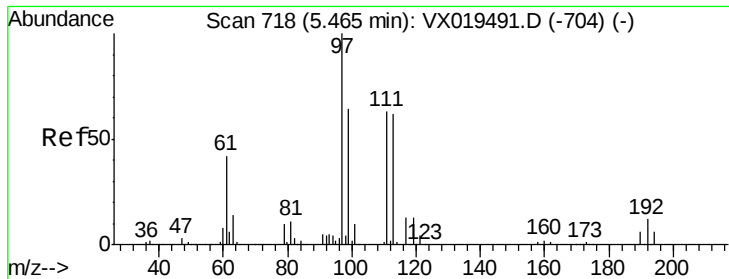
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

88 16.1 0.0 31.6

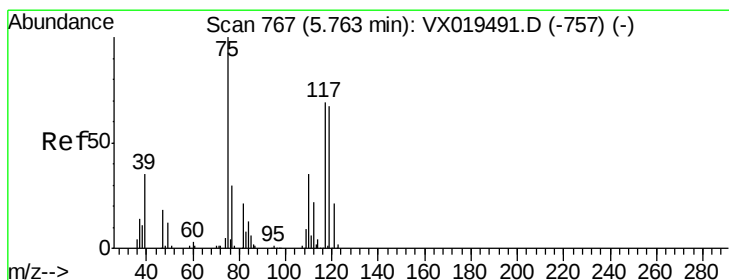
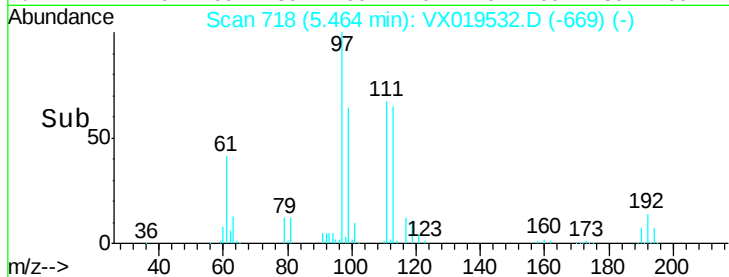
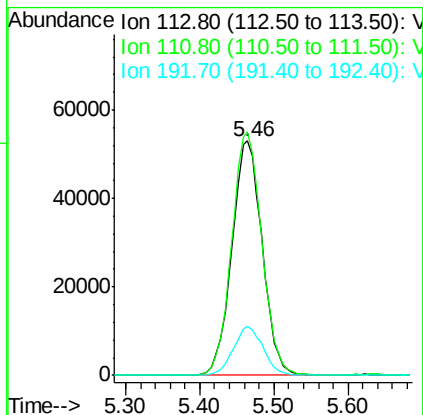
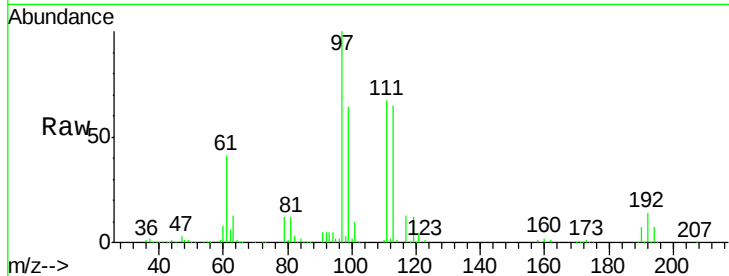




#35
 Dibromofluoromethane
 Concen: 49.947 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

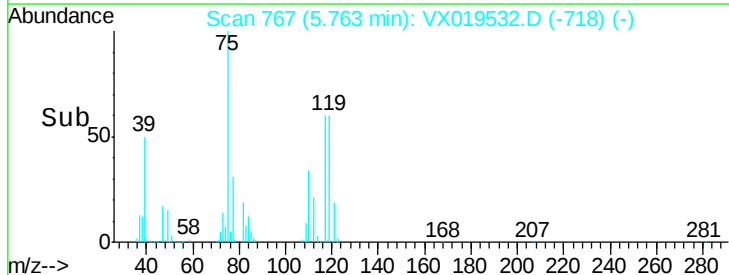
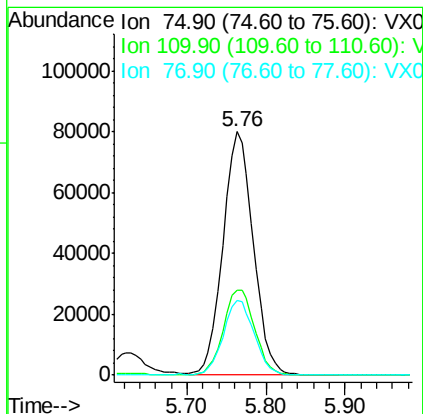
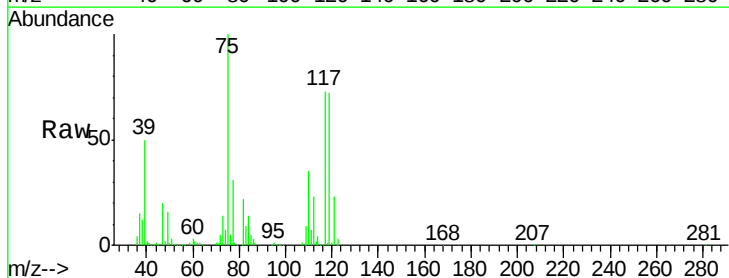
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

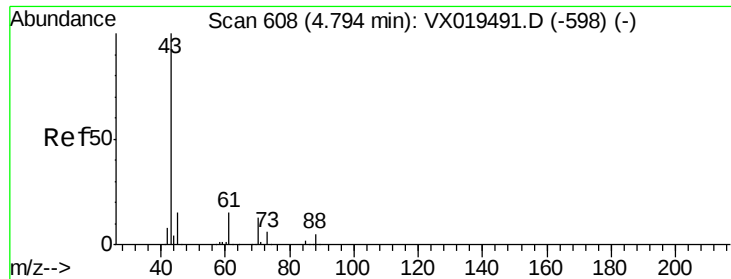
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	20.6	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 47.315 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.3
77	31.0	24.2	36.4

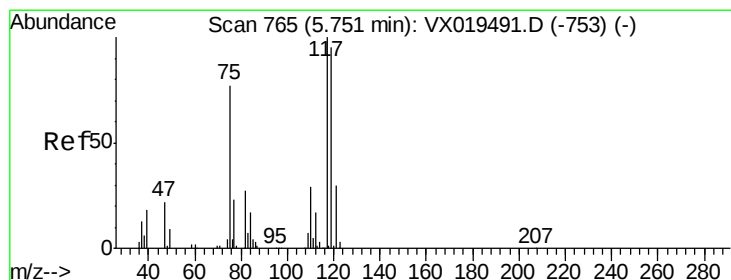
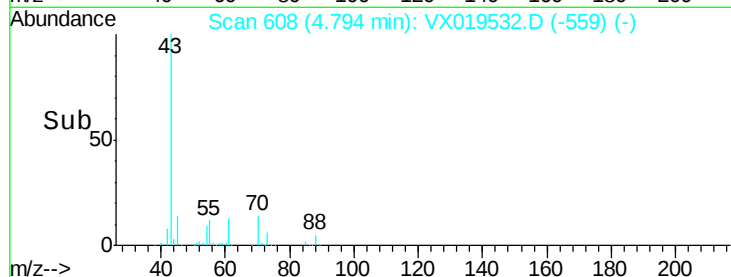
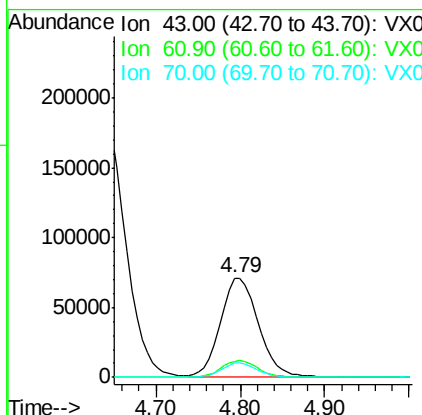
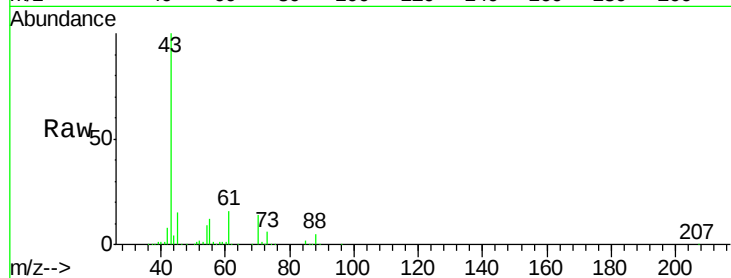




#37
Ethyl Acetate
Concen: 50.786 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

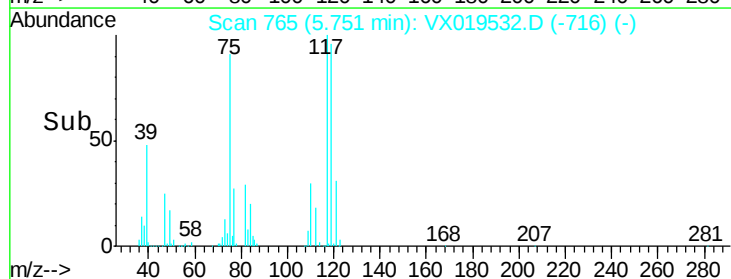
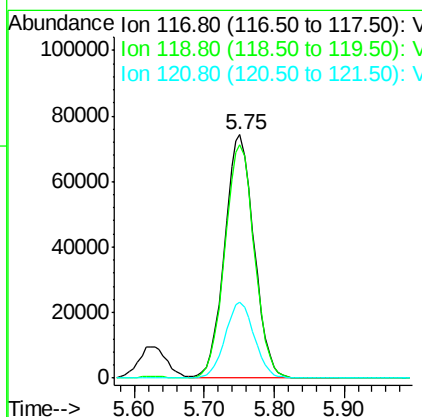
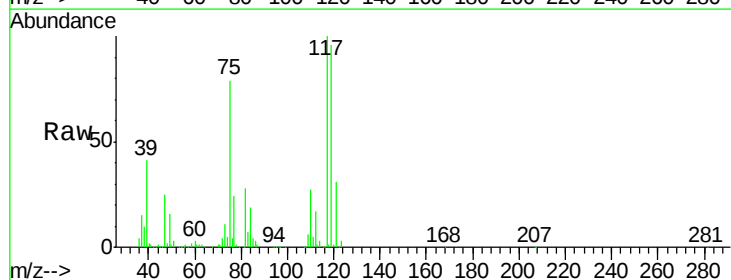
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

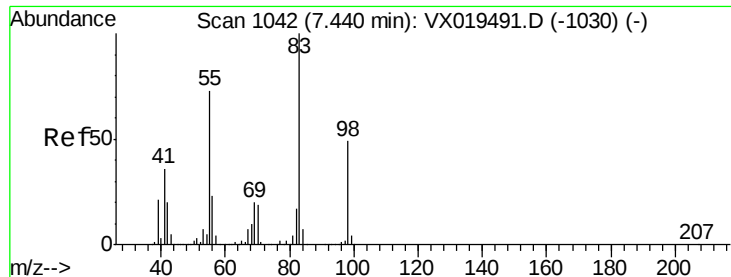
Tot Ion: 43 Resp: 216019
Ion Ratio Lower Upper
43 100
61 16.0 12.7 19.1
70 13.5 10.2 15.2



#38
Carbon Tetrachloride
Concen: 49.299 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 117 Resp: 216204
Ion Ratio Lower Upper
117 100
119 95.9 75.9 113.9
121 31.2 24.0 36.0

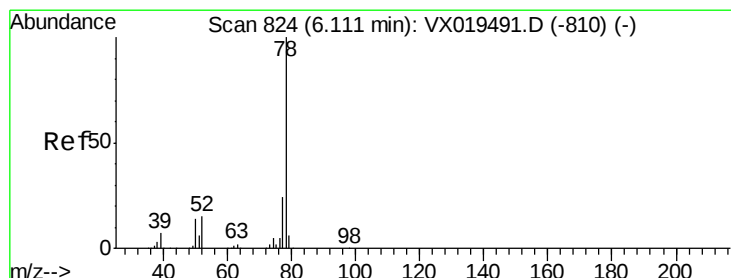
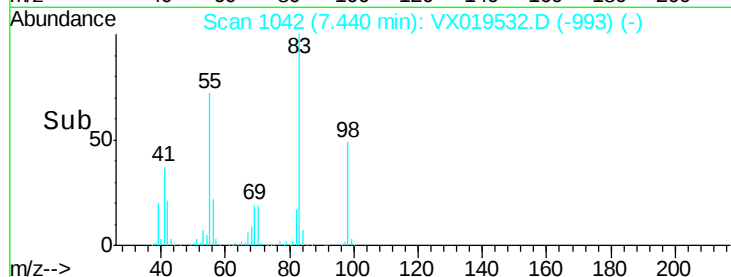
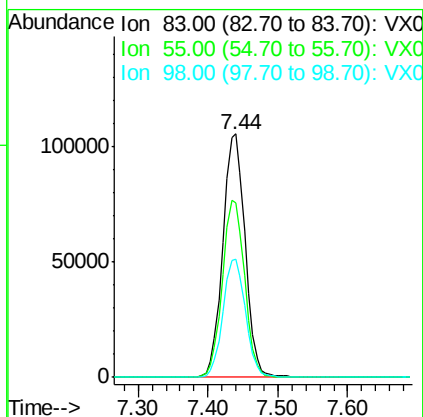
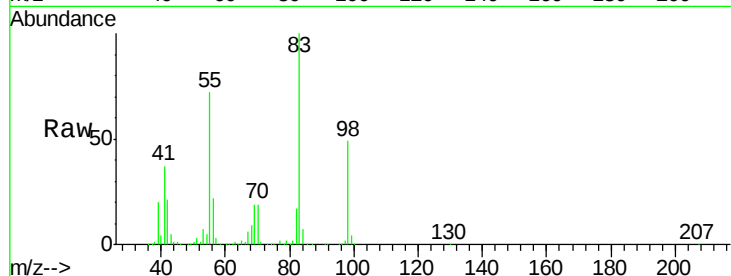




#39
Methvlcvclohexane
Concen: 44.401 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

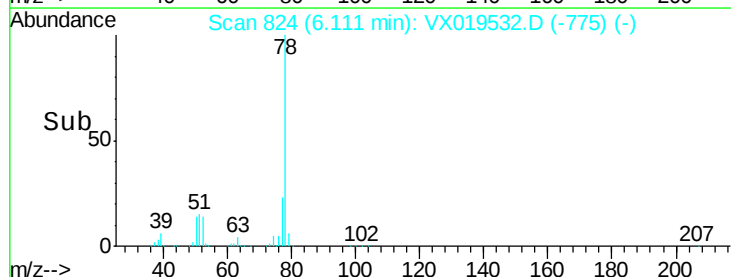
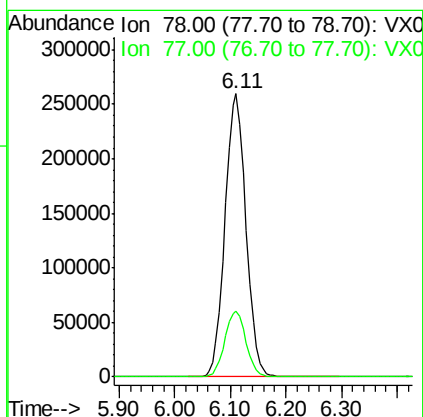
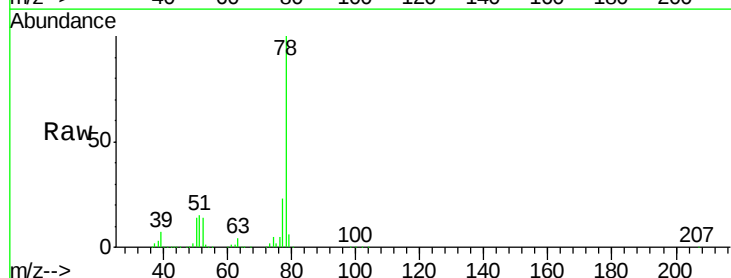
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

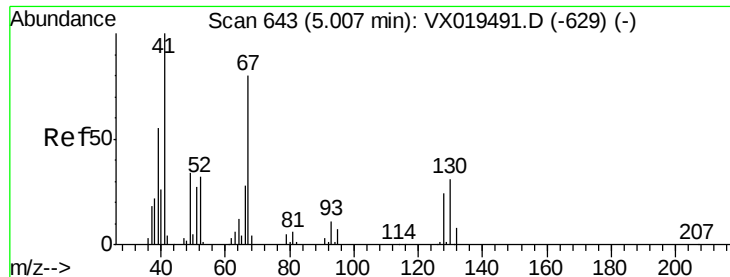
Tot Ion	83	Resp	234241
Ion Ratio	Lower	Upper	
83	100		
55	71.8	58.3	87.5
98	48.5	38.9	58.3



#40
Benzene
Concen: 48.480 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion	78	Resp	674900
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.9	28.3





#41

Methacrylonitrile

Concen: 50.619 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 118732

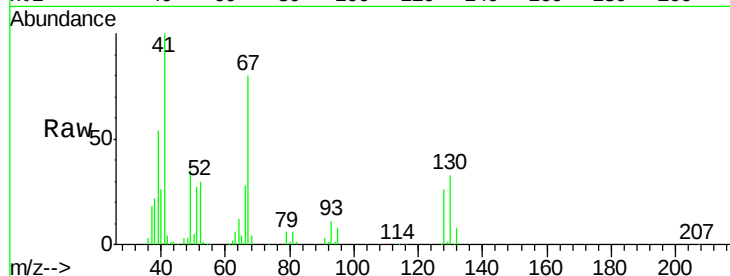
Ion Ratio Lower Upper

41 100

39 54.1 43.3 64.9

67 84.1 66.0 99.0

52 31.4 25.4 38.2



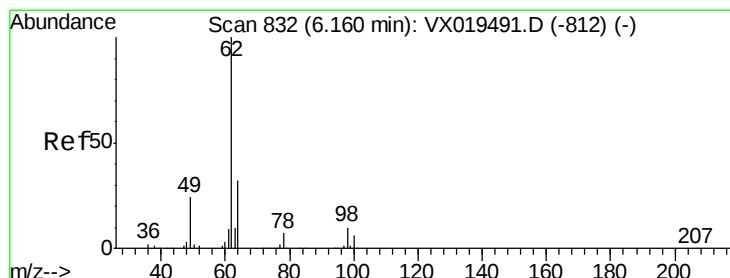
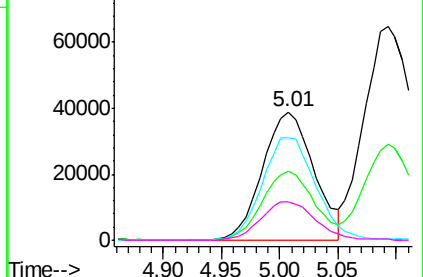
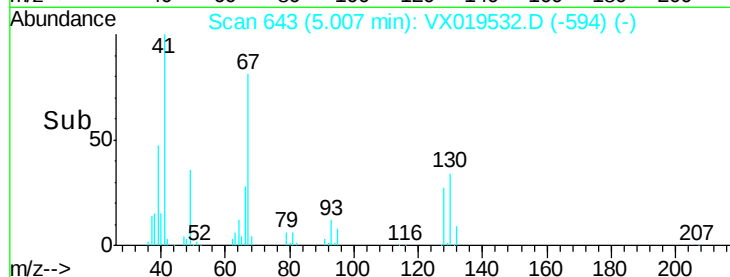
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

Time-->



#42

1,2-Dichloroethane

Concen: 49.038 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019532.D

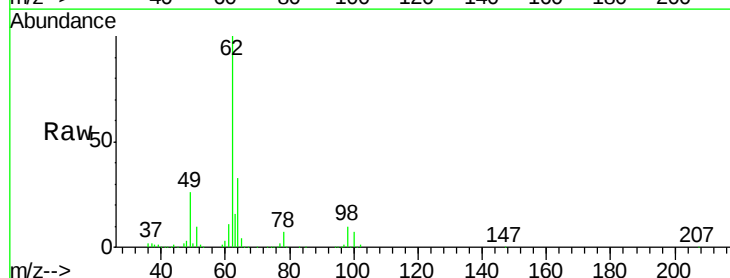
Acq: 21 Nov 2020 07:04

Tgt Ion: 62 Resp: 233986

Ion Ratio Lower Upper

62 100

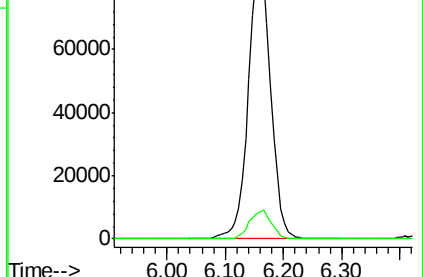
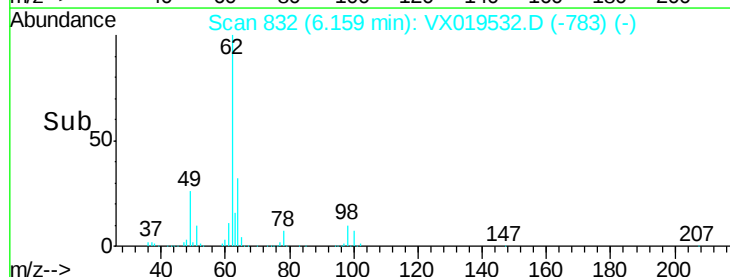
98 10.1 0.0 20.0

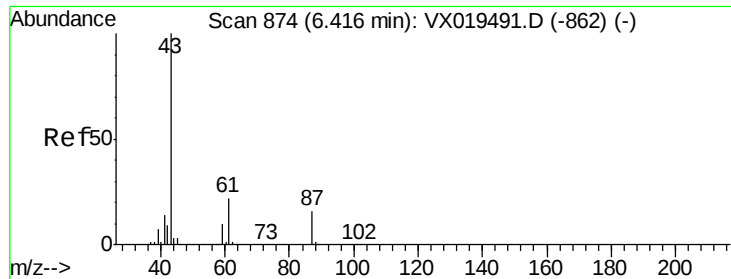


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



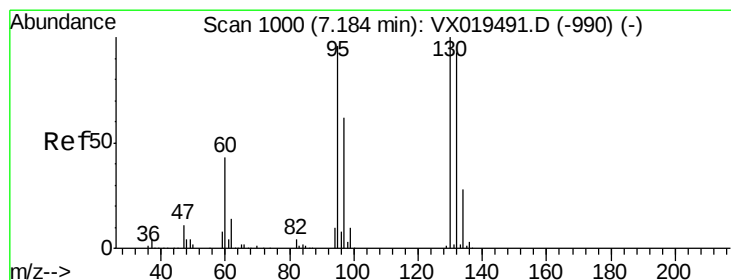
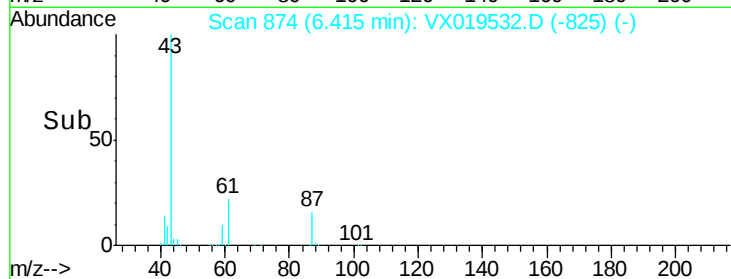
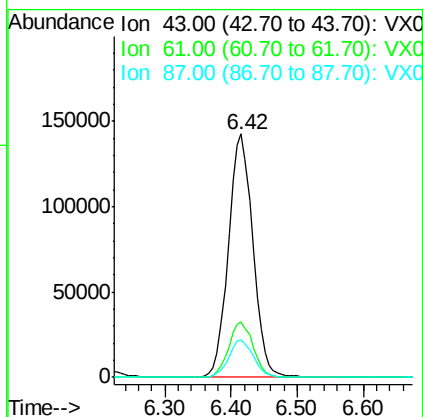
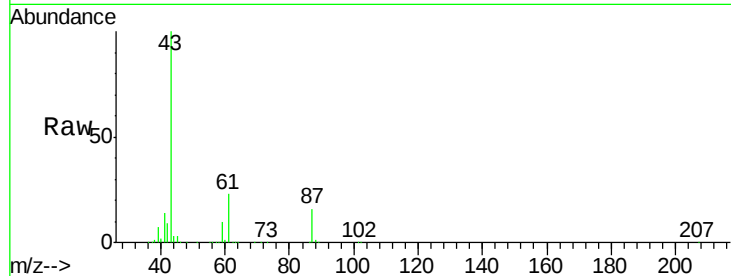


#43

Isopropyl Acetate
 Concen: 50.905 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

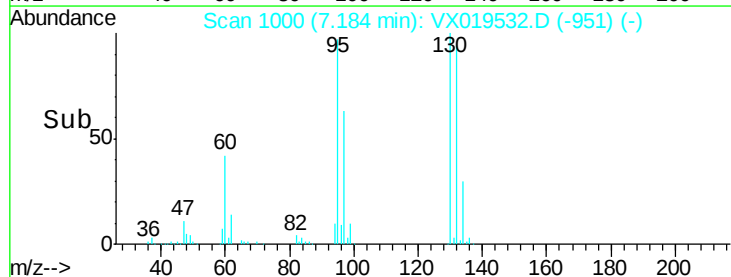
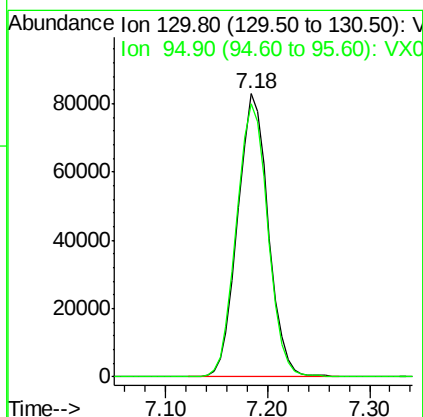
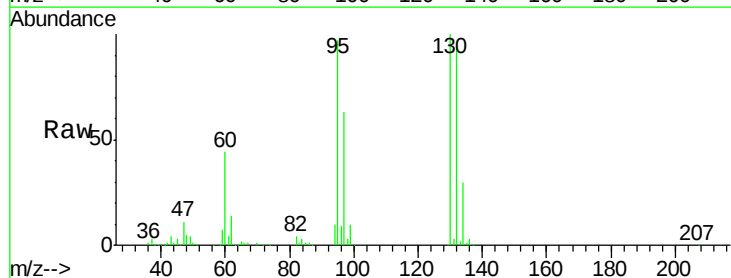
Tot Ion	43	Resp	363983
Ion Ratio	Lower	Upper	
43	100		
61	22.9	18.2	27.2
87	15.7	12.6	18.8

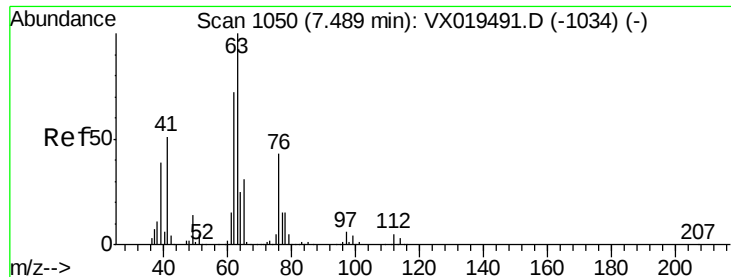


#44

Trichloroethene
 Concen: 47.610 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

Tgt Ion	130	Resp	173609
Ion Ratio	Lower	Upper	
130	100		
95	96.6	0.0	191.2





#45

1,2-Dichloropropane

Concen: 49.216 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

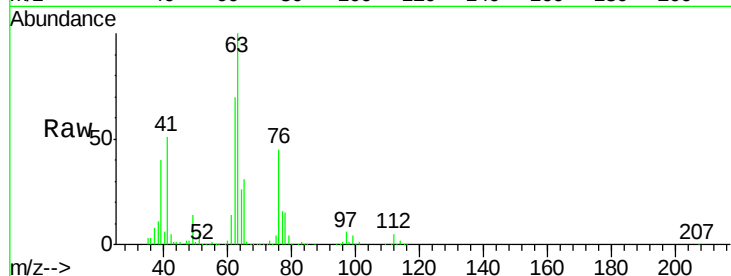
VSTDCCC050EC

Tot Ion: 63 Resp: 168668

Ion Ratio Lower Upper

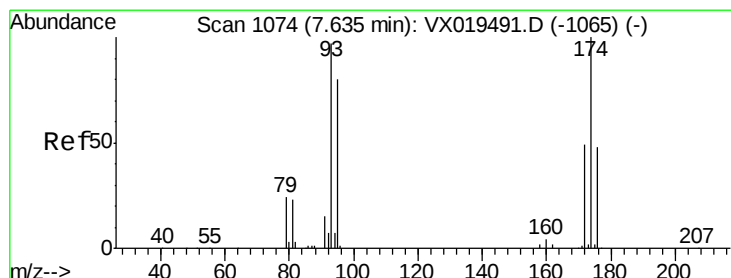
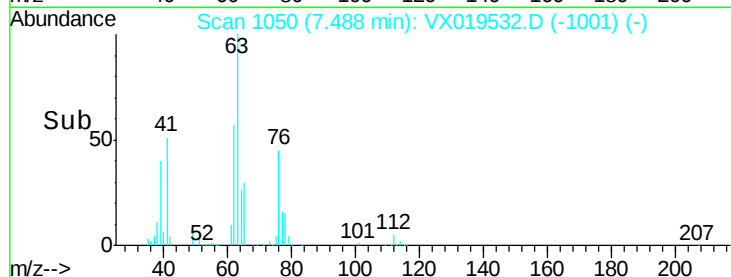
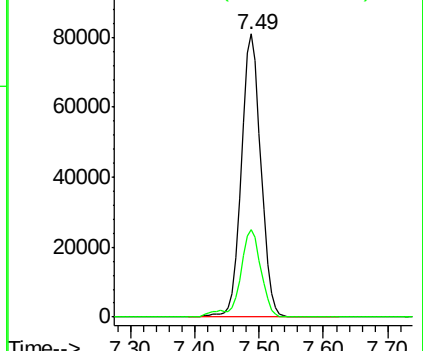
63 100

65 31.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.113 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

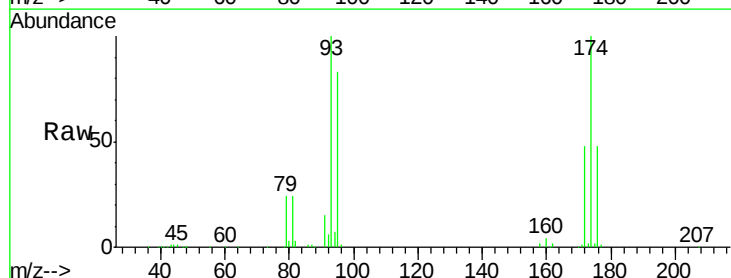
Tgt Ion: 93 Resp: 117545

Ion Ratio Lower Upper

93 100

95 83.7 66.8 100.2

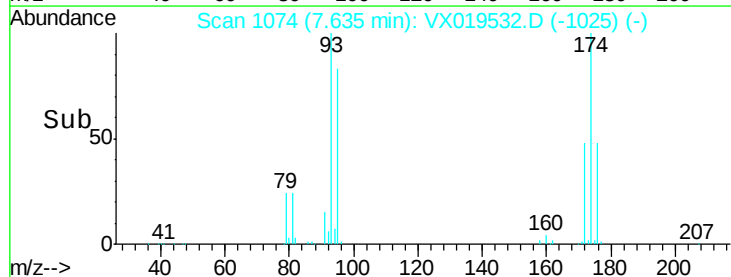
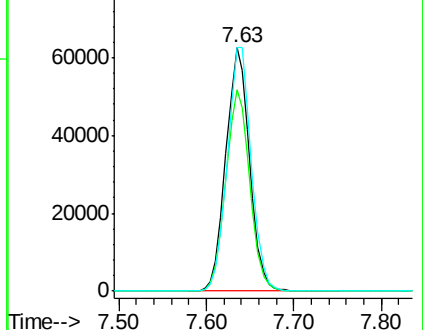
174 101.6 83.0 124.4

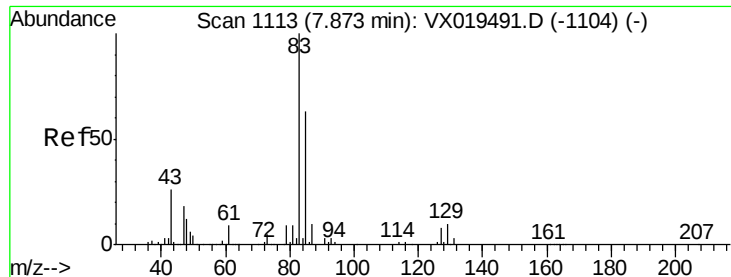


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.310 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

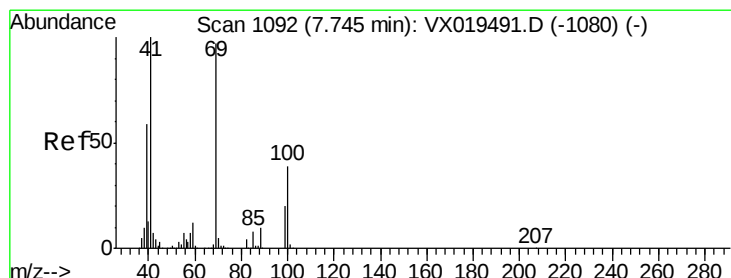
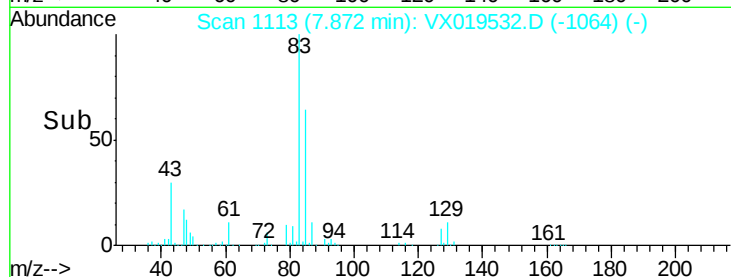
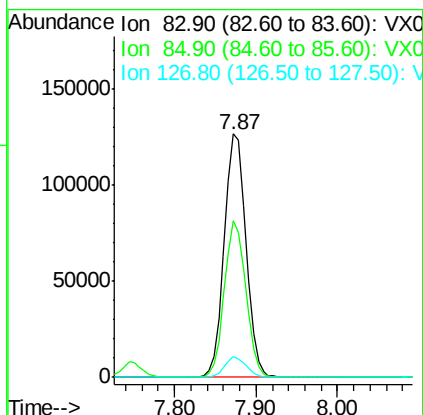
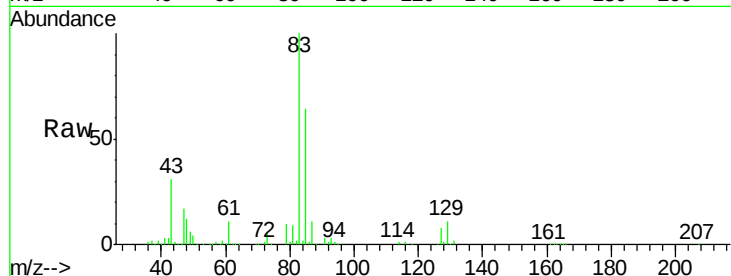
Tot Ion: 83 Resp: 233540

Ion Ratio Lower Upper

83 100

85 64.2 50.2 75.2

127 8.5 6.4 9.6



#48

Methyl methacrylate

Concen: 52.760 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

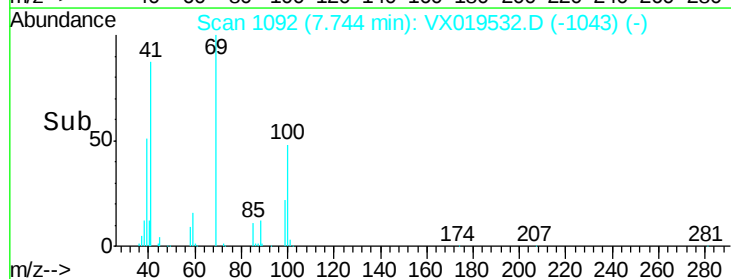
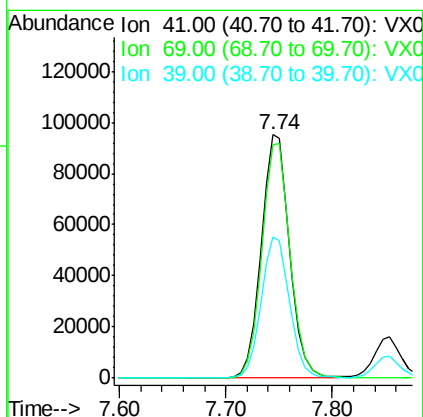
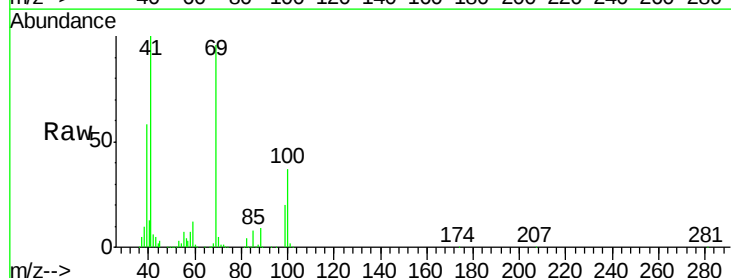
Tgt Ion: 41 Resp: 176674

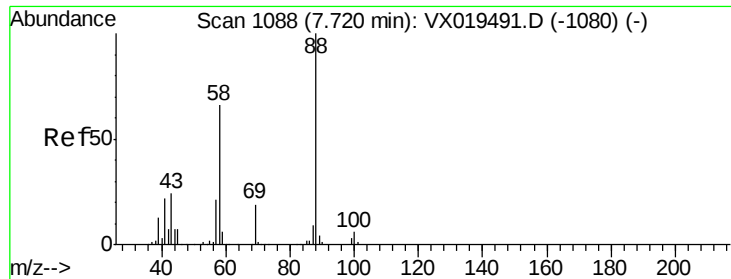
Ion Ratio Lower Upper

41 100

69 97.1 77.0 115.6

39 58.1 45.6 68.4

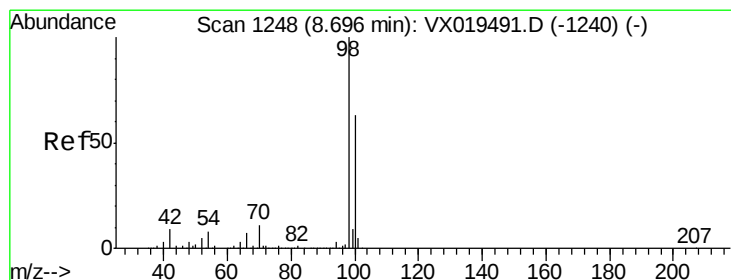
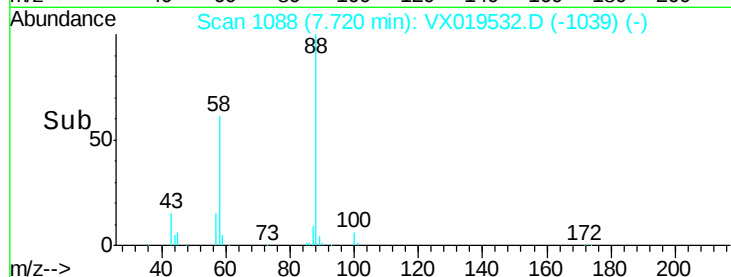
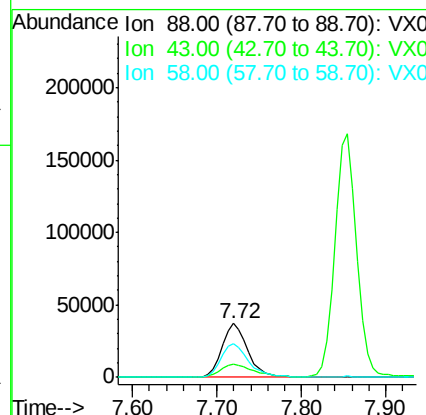
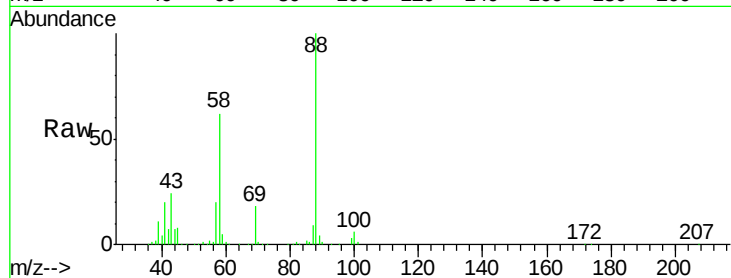




#49
1,4-Dioxane
Concen: 1034.078 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

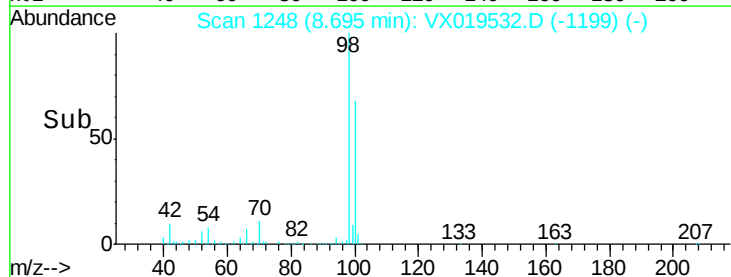
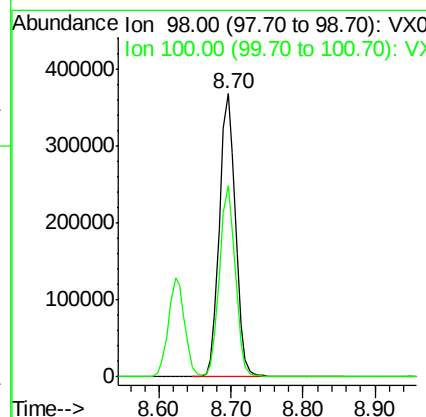
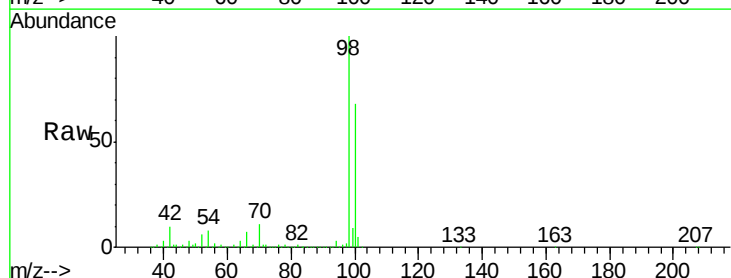
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

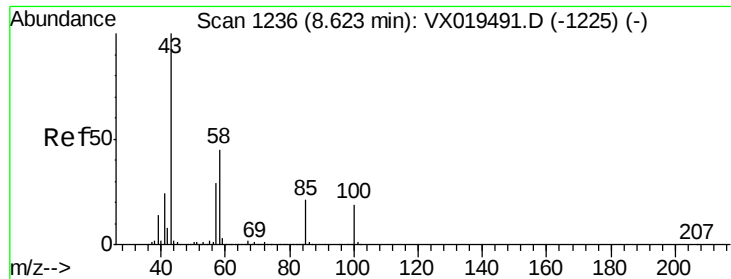
Tot Ion: 88 Resp: 78623
Ion Ratio Lower Upper
88 100
43 29.2 23.8 35.6
58 66.5 54.2 81.2



#50
Toluene-d8
Concen: 48.112 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 98 Resp: 567158
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 257.019 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

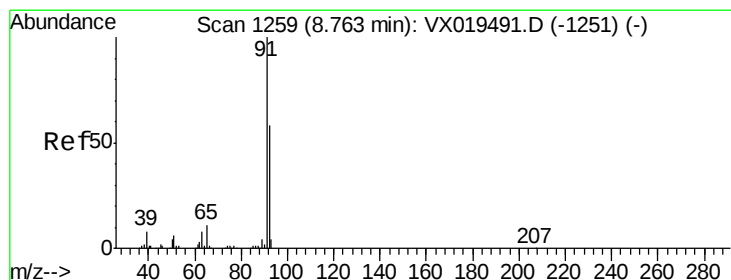
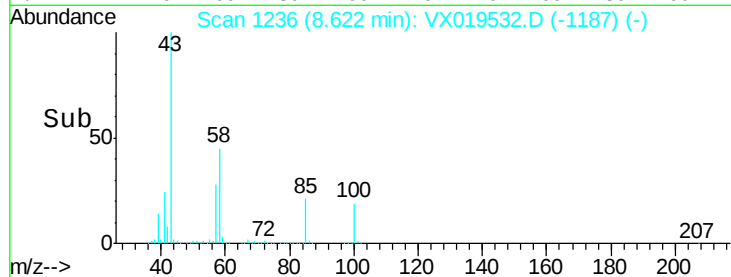
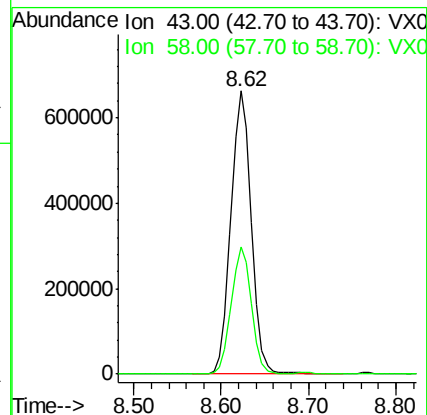
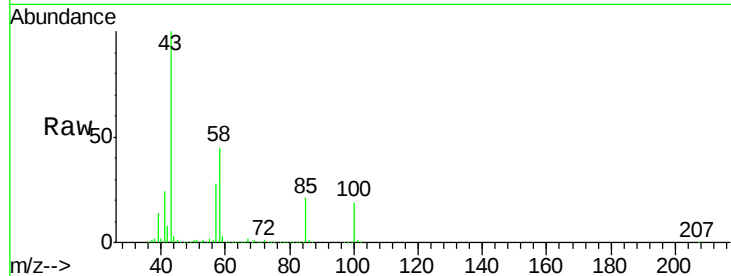
VSTDCCC050EC

Tot Ion: 43 Resp: 1071646

Ion Ratio Lower Upper

43 100

58 44.5 35.1 52.7



#52

Toluene

Concen: 49.633 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019532.D

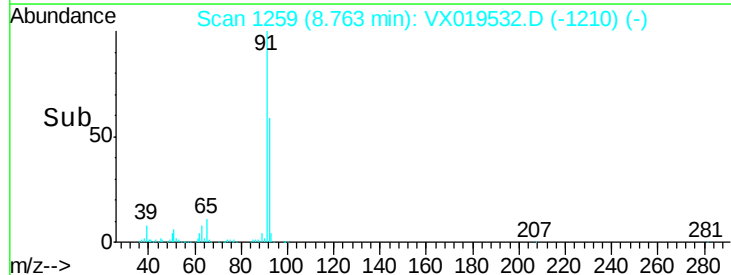
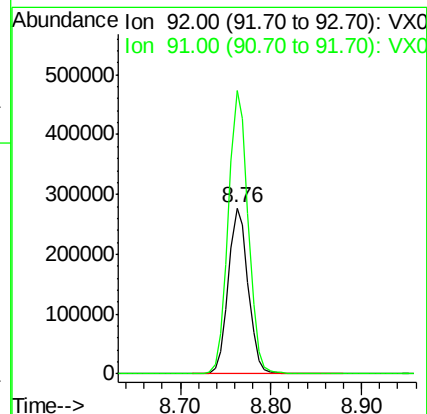
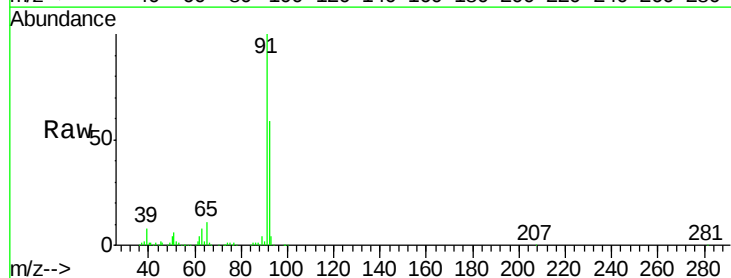
Acq: 21 Nov 2020 07:04

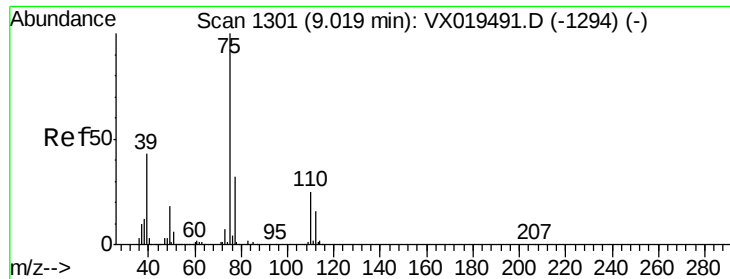
Tgt Ion: 92 Resp: 422683

Ion Ratio Lower Upper

92 100

91 170.8 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 50.125 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

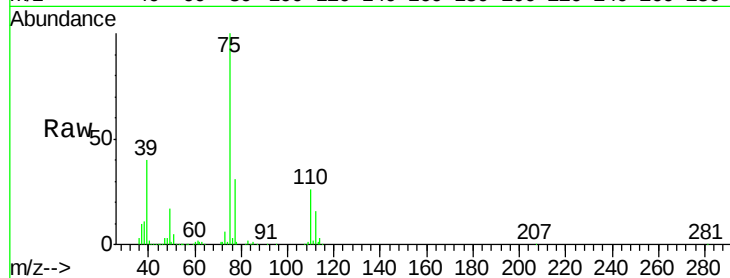
VSTDCCC050EC

Tot Ion: 75 Resp: 246396

Ion Ratio Lower Upper

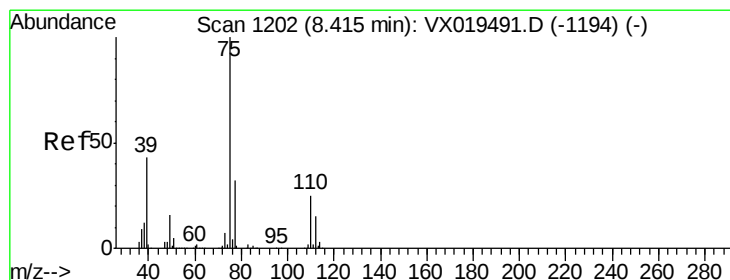
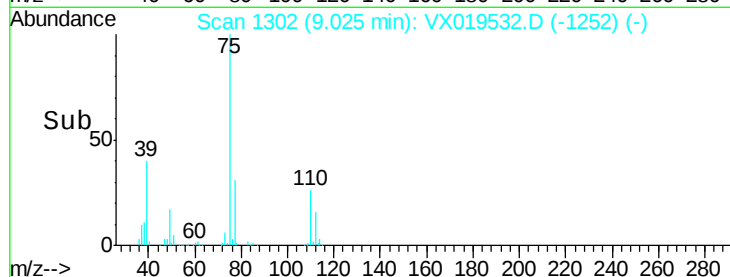
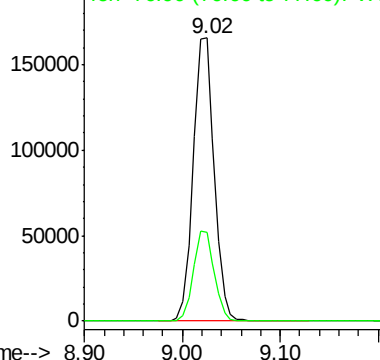
75 100

77 31.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.943 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

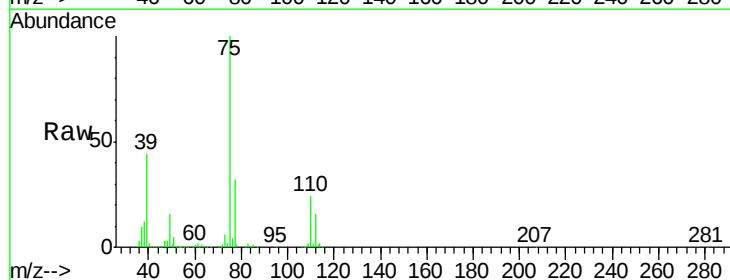
Tgt Ion: 75 Resp: 266992

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

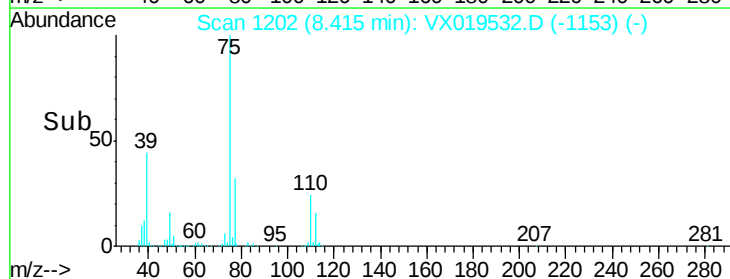
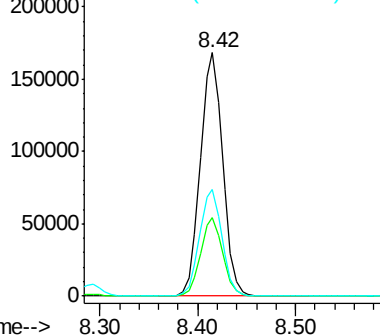
39 43.9 34.6 51.8

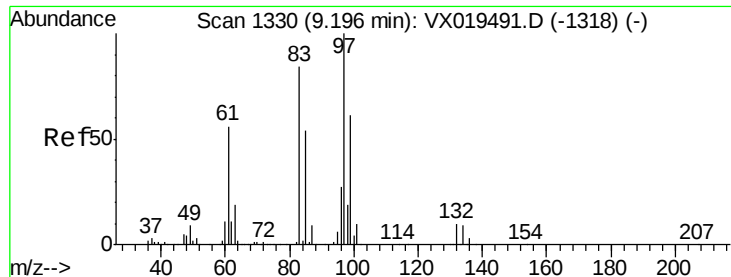


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

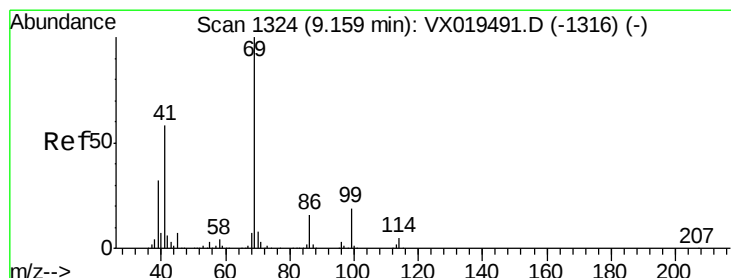
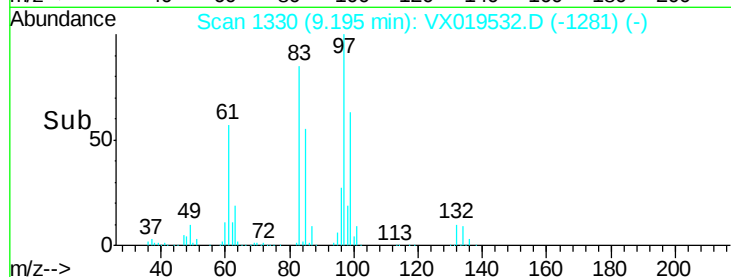
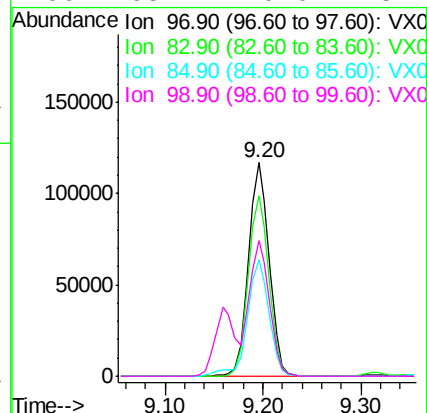
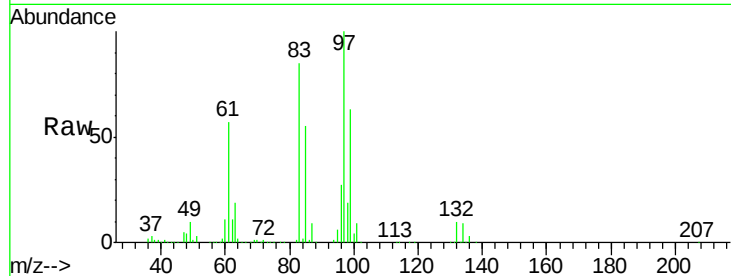




#55
 1,1,2-Trichloroethane
 Concen: 49.328 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

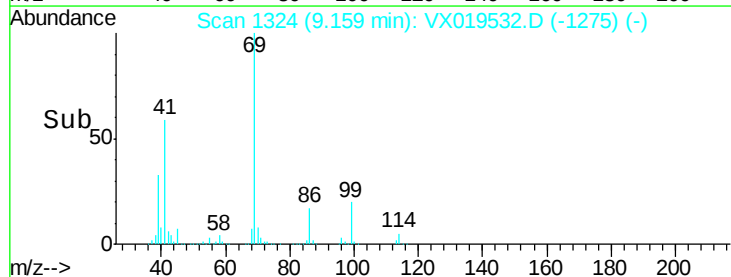
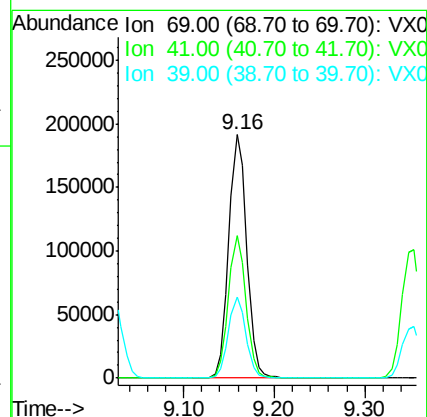
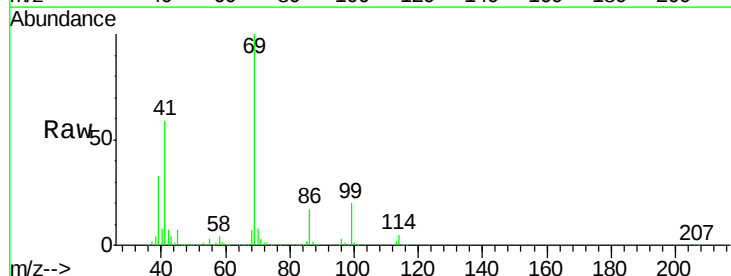
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

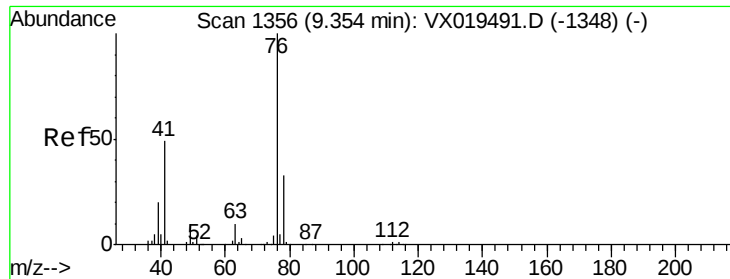
Tot Ion: 97 Resp: 171086
 Ion Ratio Lower Upper
 97 100
 83 84.5 67.0 100.6
 85 54.7 43.4 65.0
 99 63.4 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 54.197 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

Tgt Ion: 69 Resp: 265983
 Ion Ratio Lower Upper
 69 100
 41 57.5 46.2 69.2
 39 32.6 25.5 38.3

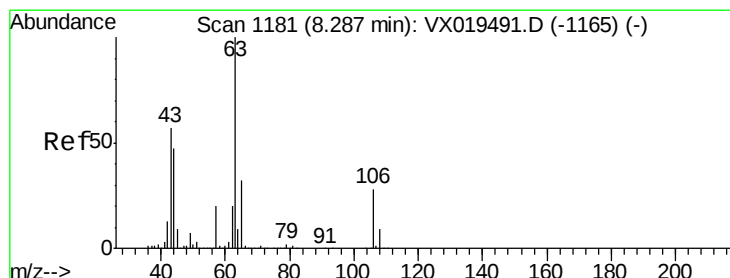
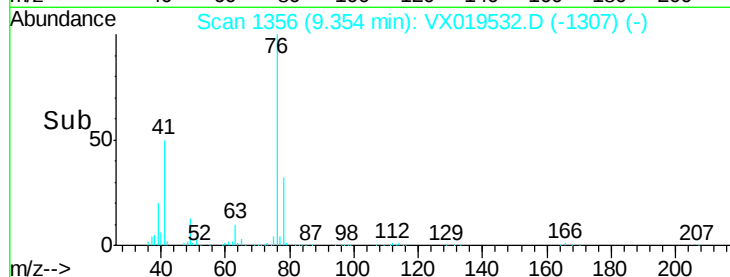
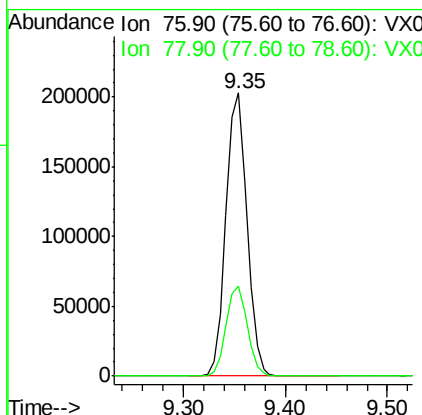
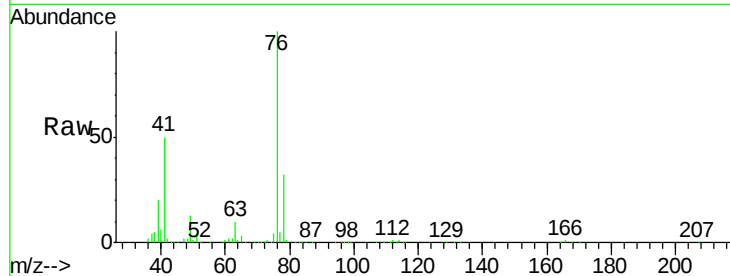




#57
 1,3-Dichloropropane
 Concen: 50.044 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

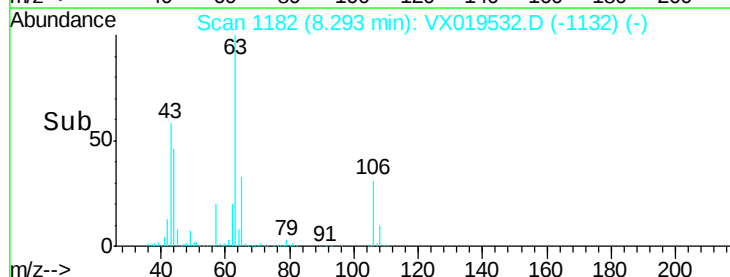
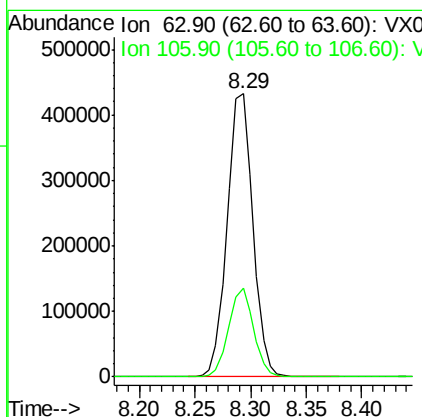
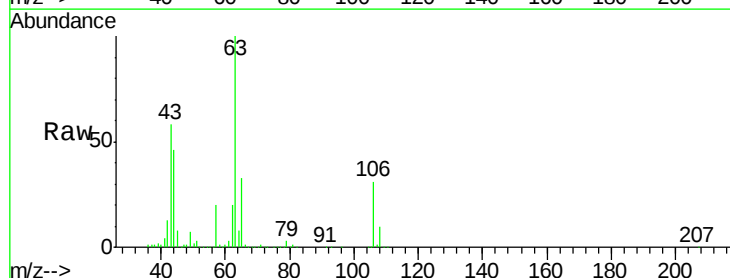
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

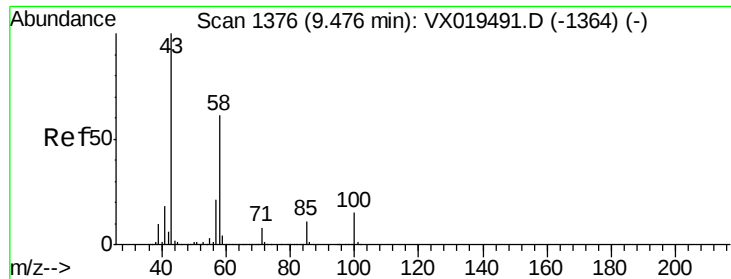
Tot Ion: 76 Resp: 290596
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.957 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019532.D
 Acq: 21 Nov 2020 07:04

Tgt Ion: 63 Resp: 692925
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.7 35.5

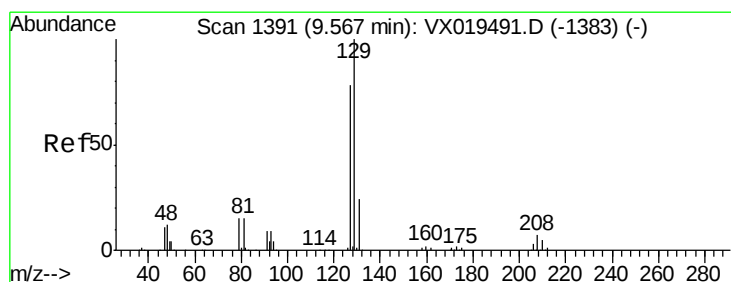
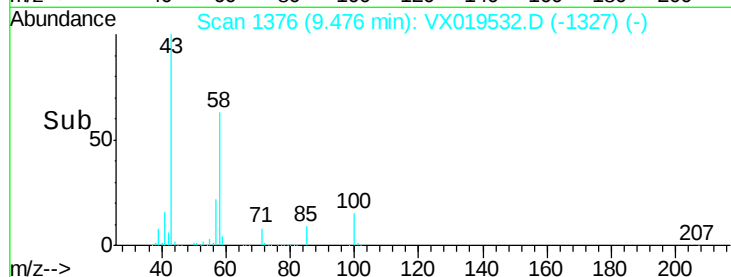
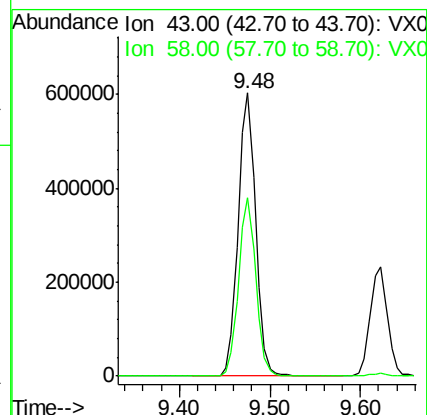
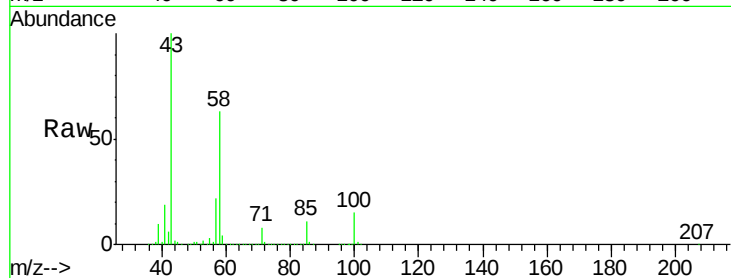




#59
2-Hexanone
Concen: 255.745 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

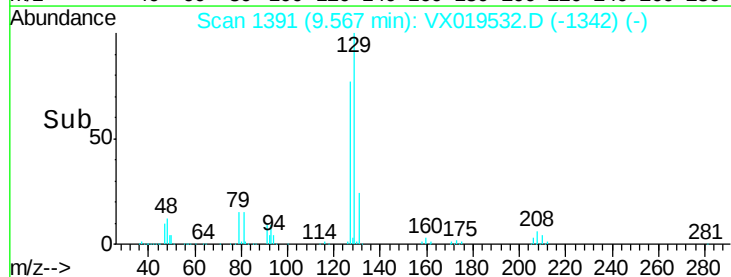
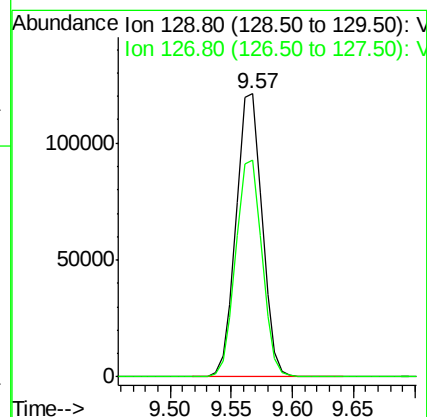
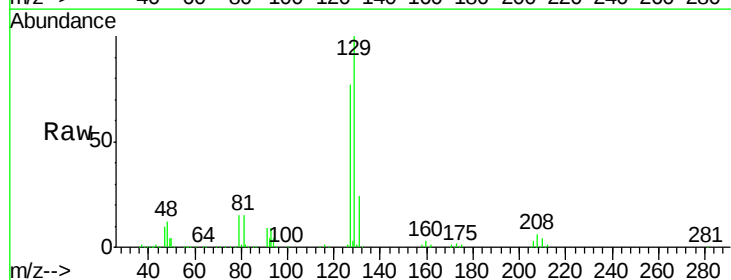
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

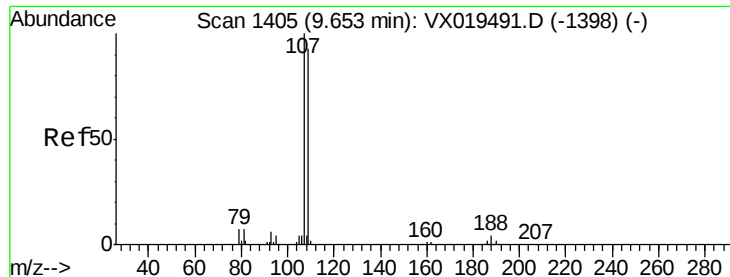
Tot Ion: 43 Resp: 808729
Ion Ratio Lower Upper
43 100
58 62.0 30.6 91.6



#60
Dibromochloromethane
Concen: 52.344 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 129 Resp: 177825
Ion Ratio Lower Upper
129 100
127 77.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 50.601 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

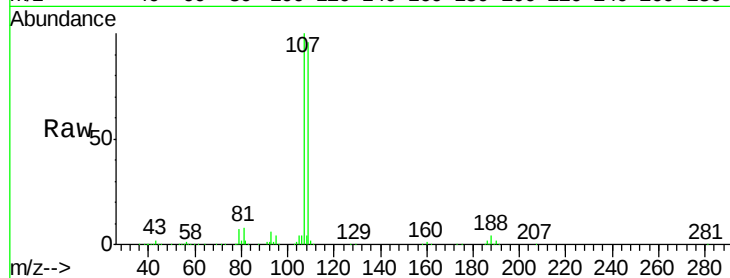
VSTDCCC050EC

Tot Ion: 107 Resp: 180903

Ion Ratio Lower Upper

107 100

109 94.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

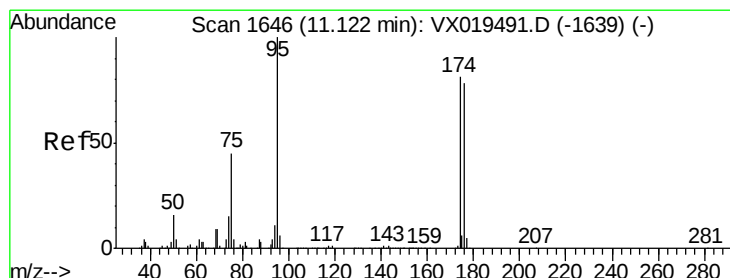
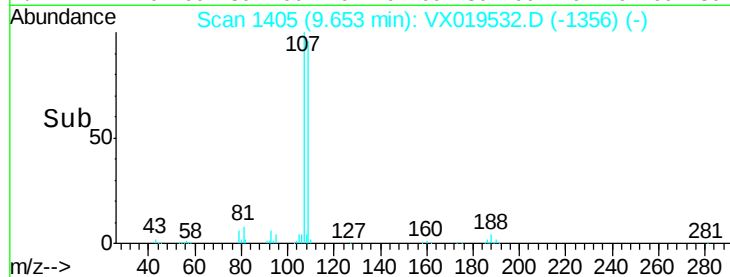
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.683 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

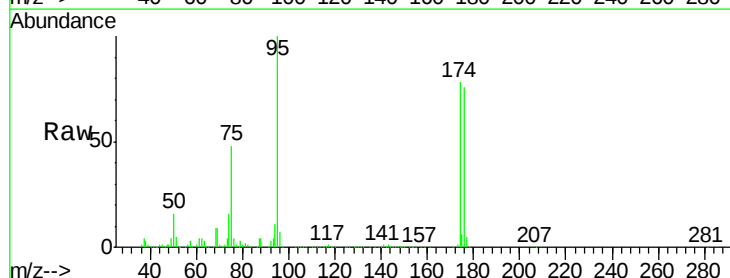
Tgt Ion: 95 Resp: 210721

Ion Ratio Lower Upper

95 100

174 76.2 0.0 156.2

176 74.7 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

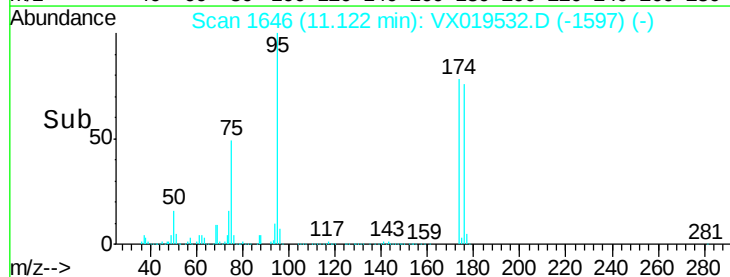
150000

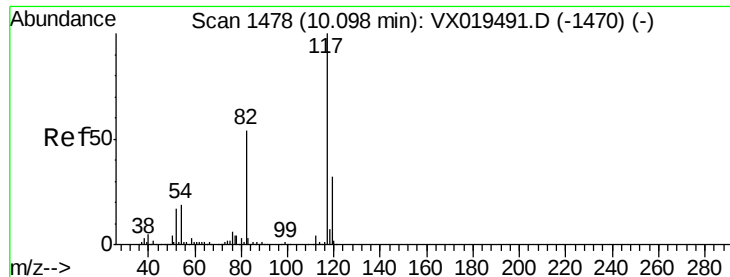
100000

50000

0

Time-->

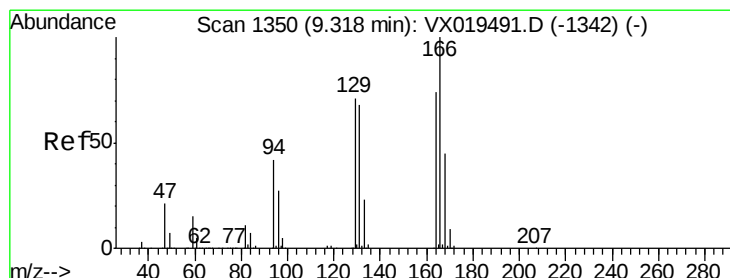
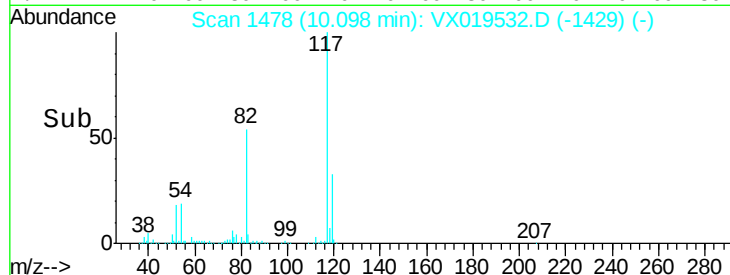
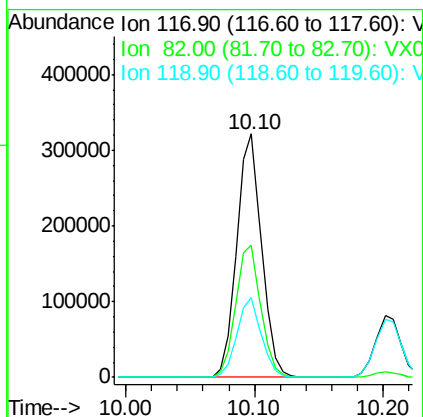
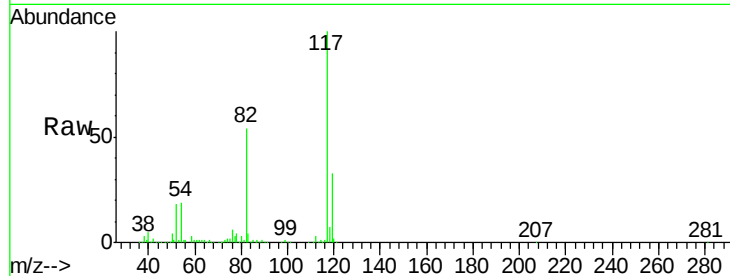




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

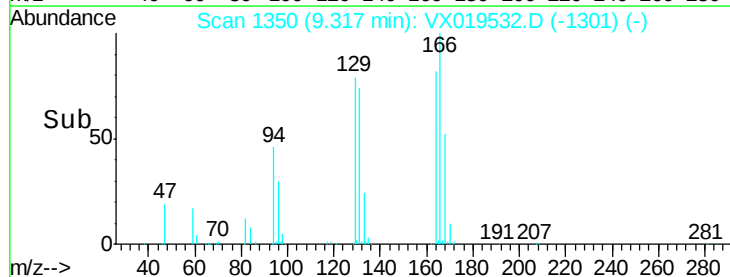
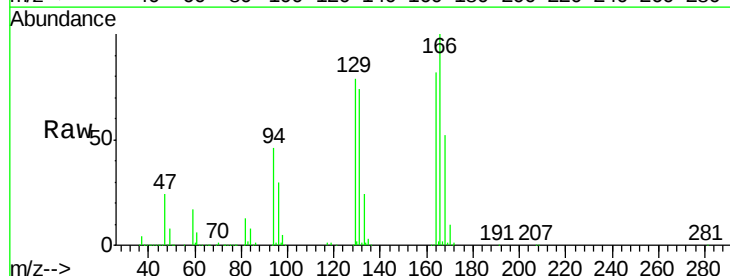
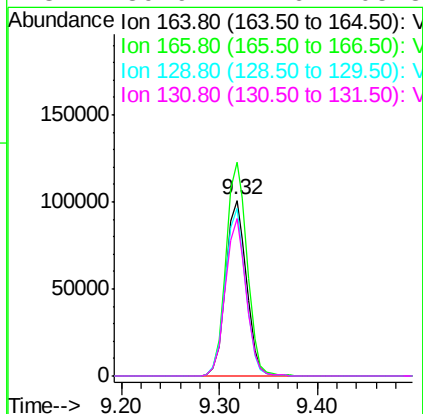
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

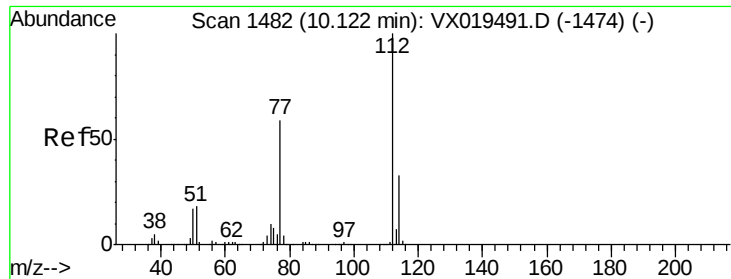
Tot Ion:117 Resp: 430949
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 43.731 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion:164 Resp: 148137
Ion Ratio Lower Upper
164 100
166 121.6 107.4 161.0
129 95.6 76.6 114.8
131 89.9 72.6 108.8

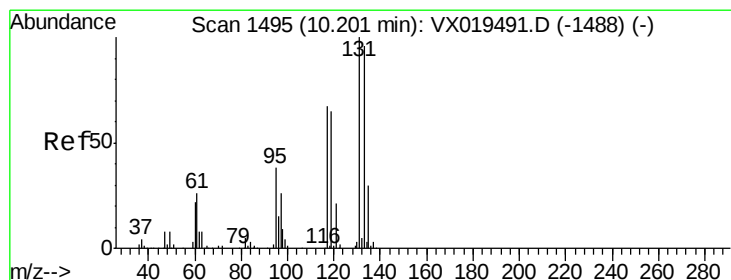
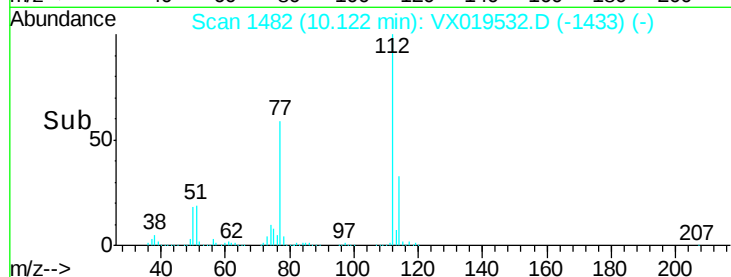
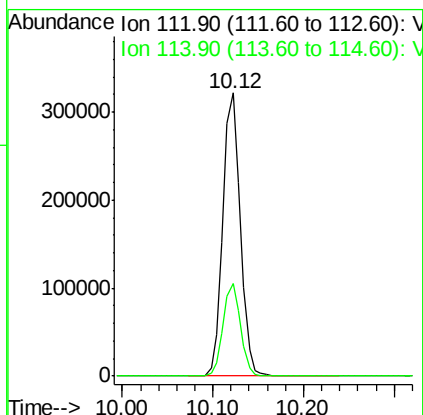
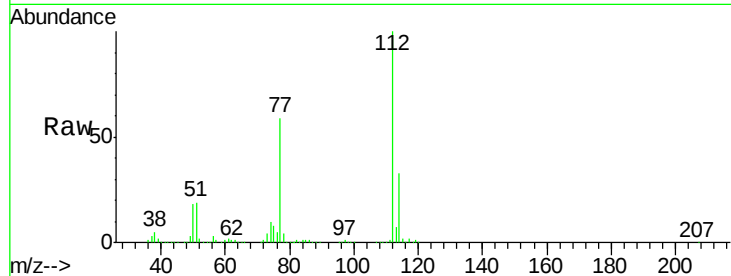




#65
Chlorobenzene
Concen: 48.900 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

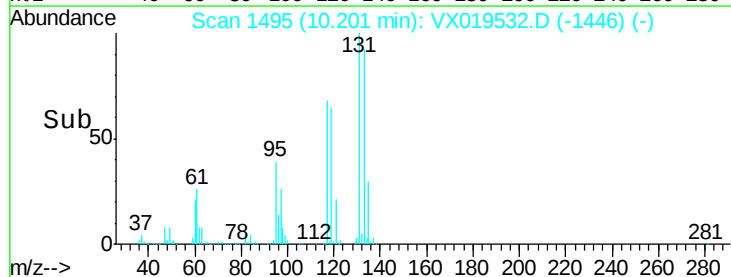
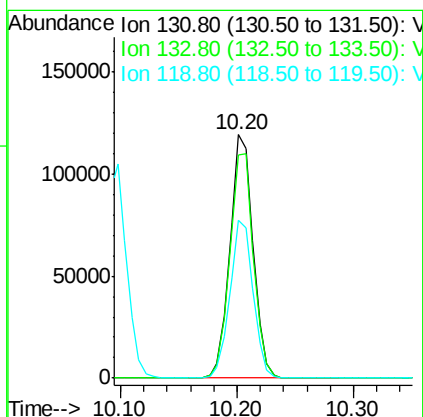
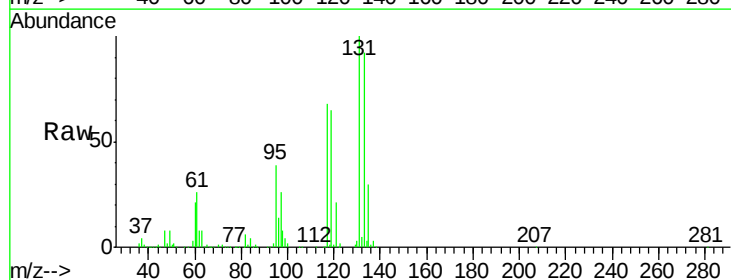
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

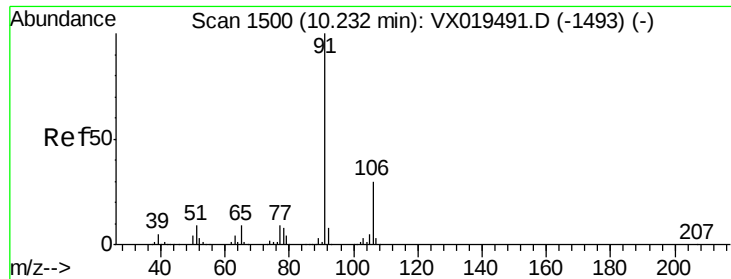
Tot Ion:112 Resp: 433272
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.184 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion:131 Resp: 164961
Ion Ratio Lower Upper
131 100
133 94.7 48.5 145.5
119 65.3 33.0 99.0

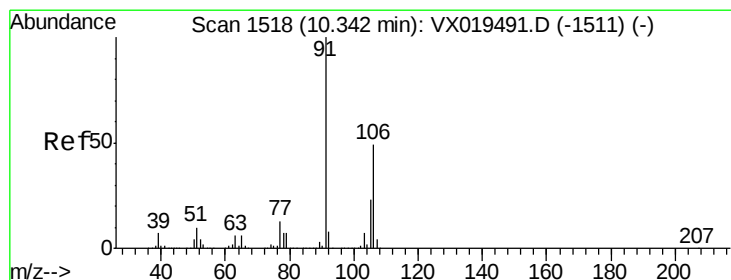
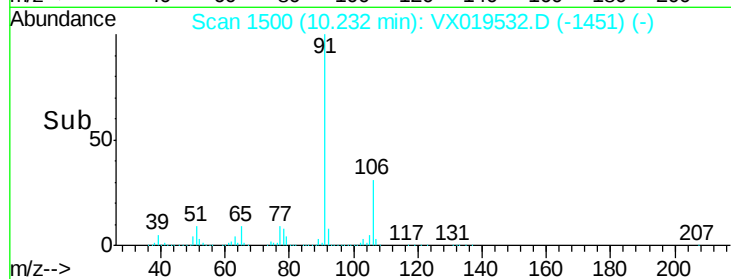
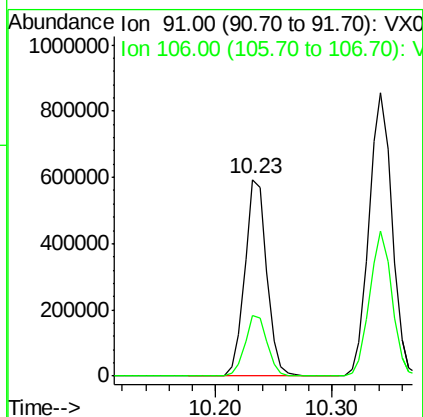
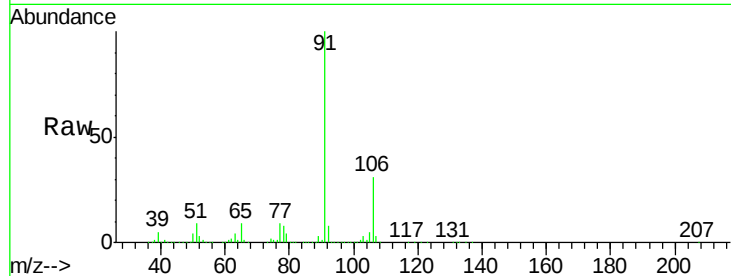




#67
Ethyl Benzene
Concen: 50.406 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

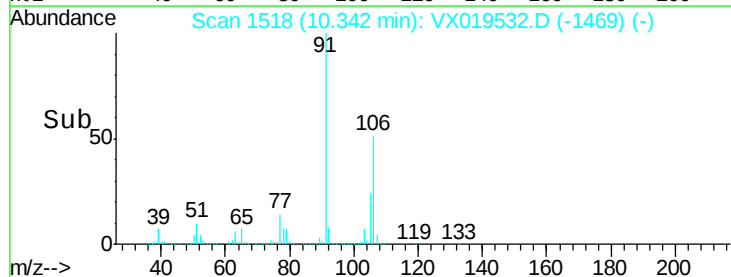
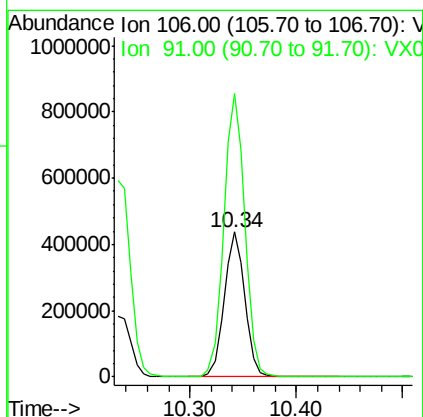
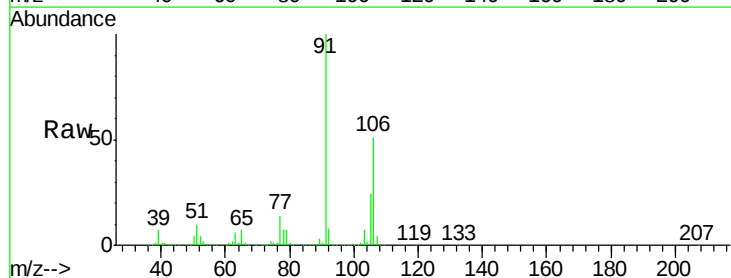
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

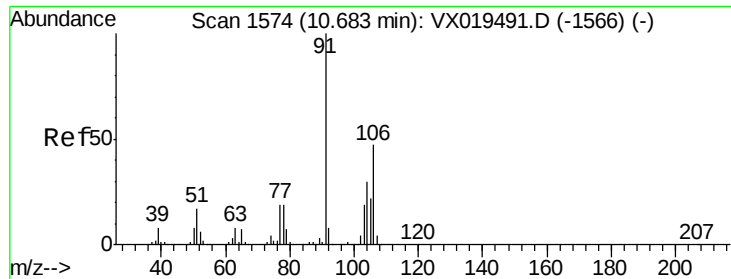
Tot Ion: 91 Resp: 782400
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



#68
m/p-Xylenes
Concen: 101.368 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 106 Resp: 586205
Ion Ratio Lower Upper
106 100
91 200.4 163.3 244.9

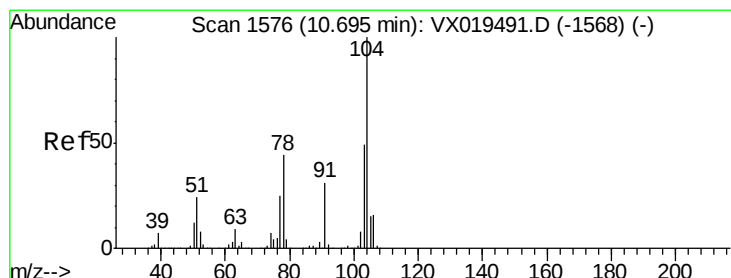
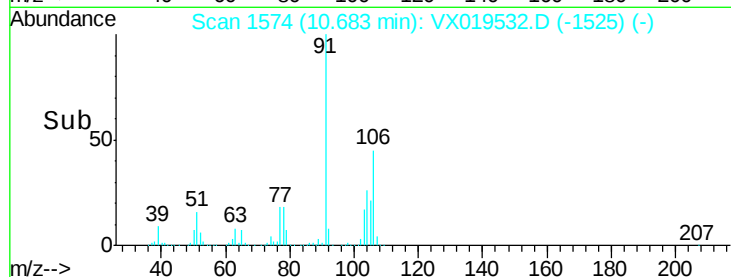
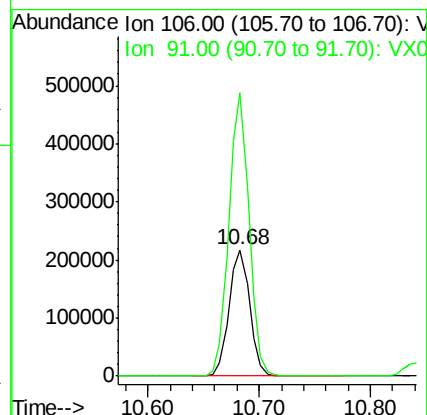
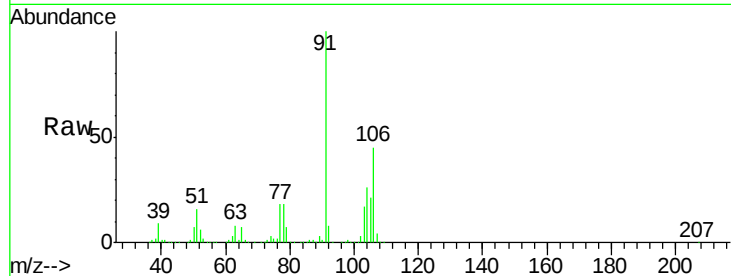




#69
o-Xylene
Concen: 50.916 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

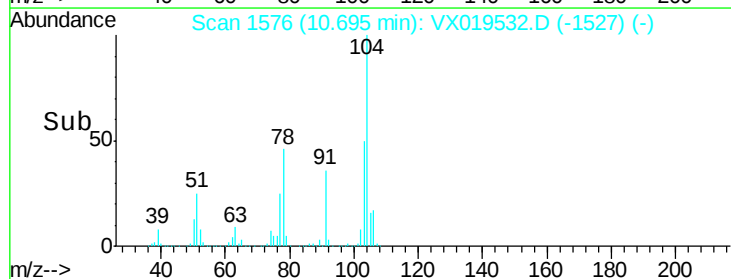
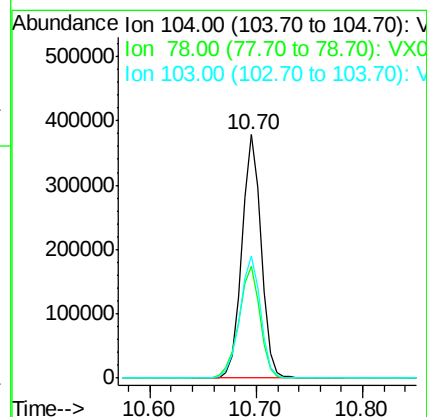
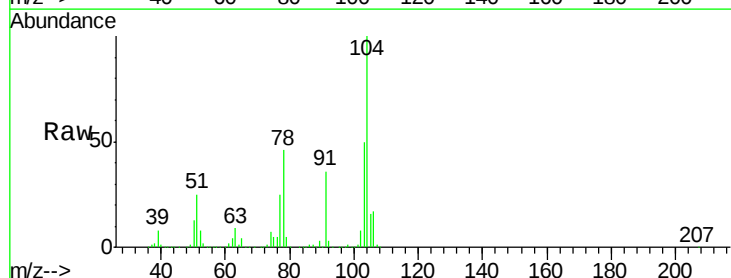
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

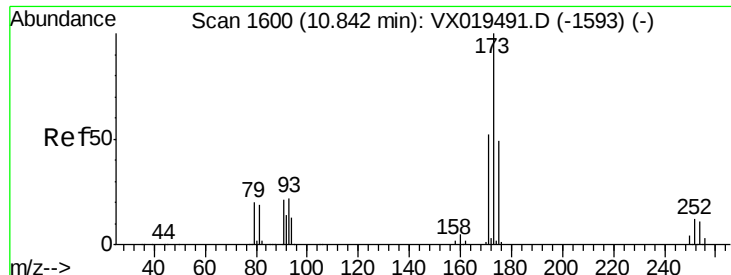
Tot Ion:106 Resp: 281470
Ion Ratio Lower Upper
106 100
91 217.2 108.0 324.0



#70
Styrene
Concen: 47.252 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion:104 Resp: 482567
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 54.1 43.6 65.4





#71

Bromoform

Concen: 46.333 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

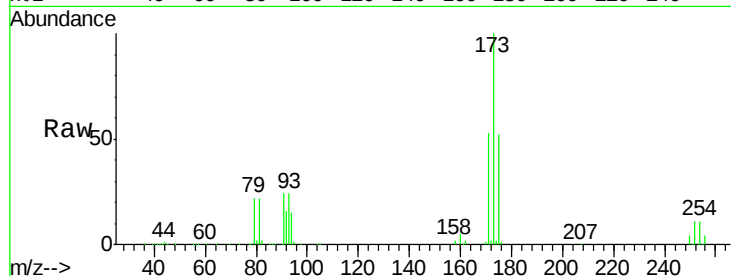
Tot Ion:173 Resp: 125718

Ion Ratio Lower Upper

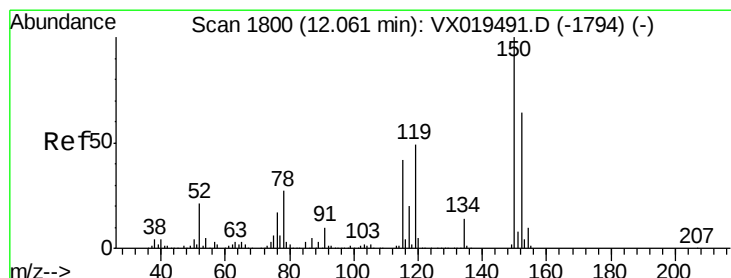
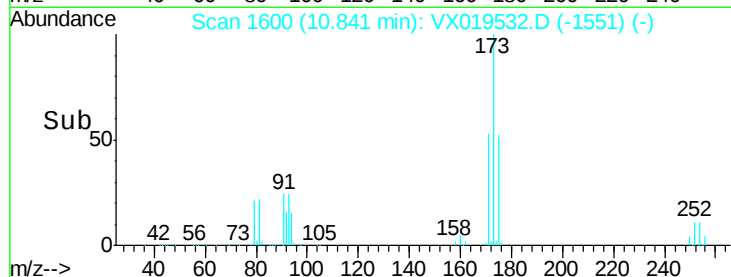
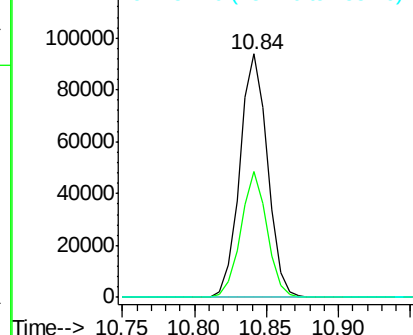
173 100

175 48.8 24.9 74.8

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: VX019532.D

Acq: 21 Nov 2020 07:04

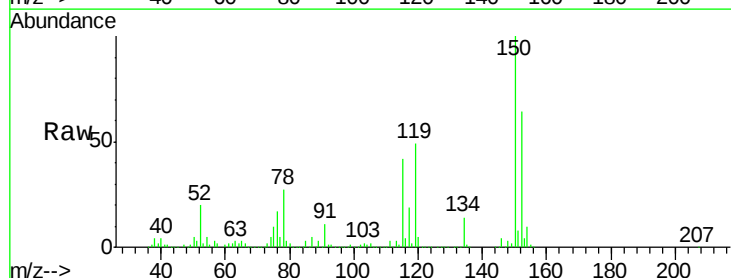
Tgt Ion:152 Resp: 209655

Ion Ratio Lower Upper

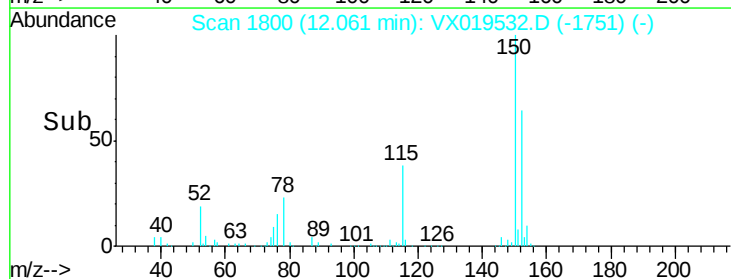
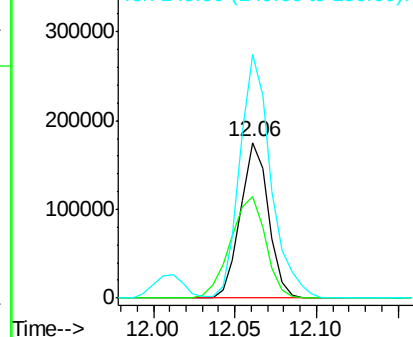
152 100

115 82.3 41.8 125.4

150 173.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.736 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

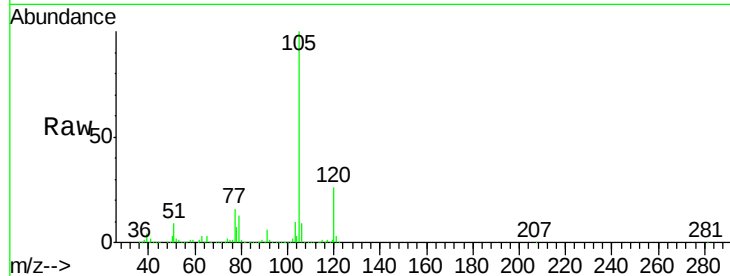
VSTDCCC050EC

Tot Ion:105 Resp: 750350

Ion Ratio Lower Upper

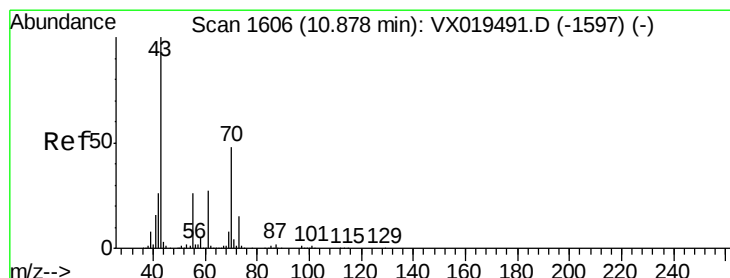
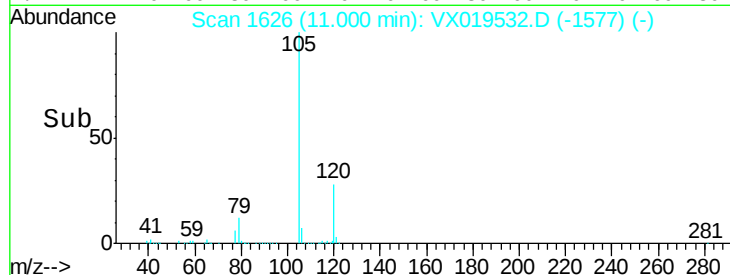
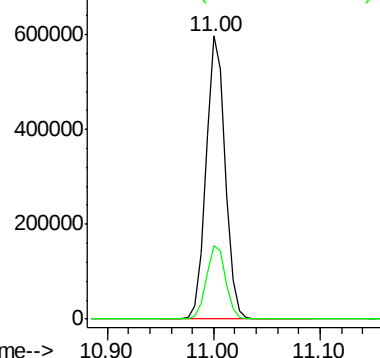
105 100

120 26.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.507 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Tgt Ion: 43 Resp: 312535

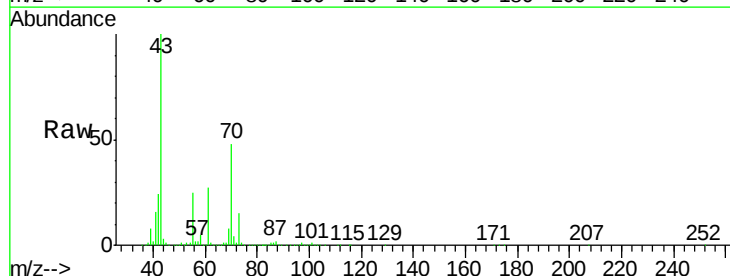
Ion Ratio Lower Upper

43 100

70 50.3 39.7 59.5

55 25.9 21.8 32.6

61 28.0 22.2 33.4

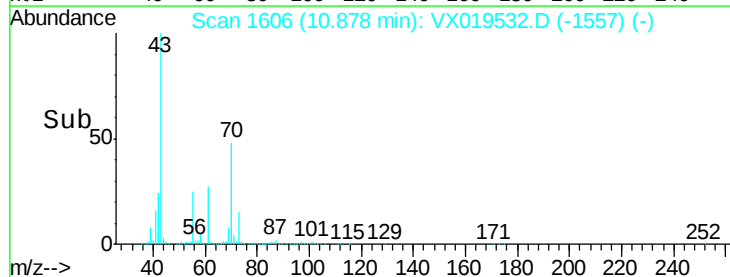
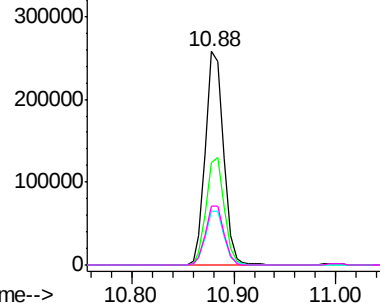


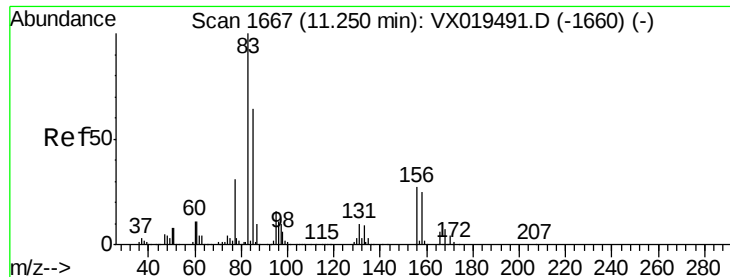
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.845 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

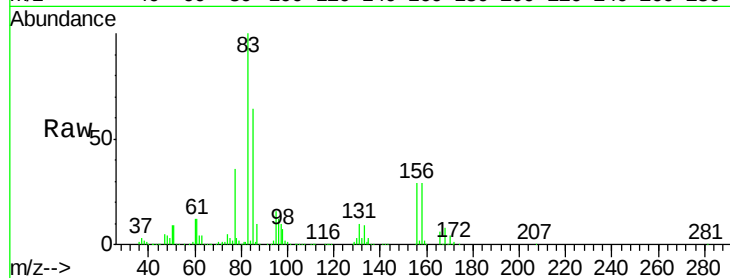
Tot Ion: 83 Resp: 263713

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

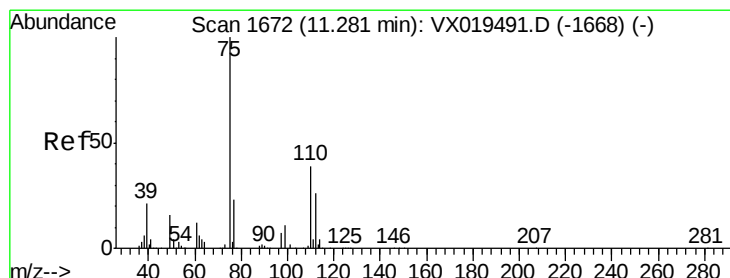
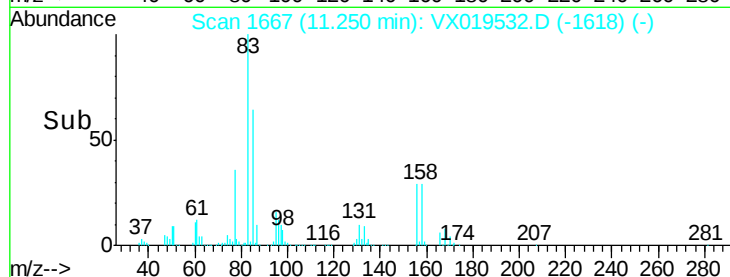
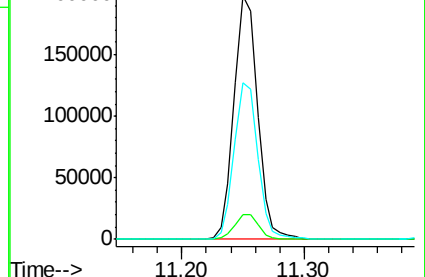
85 65.0 32.4 97.2



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: 62.649 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019532.D

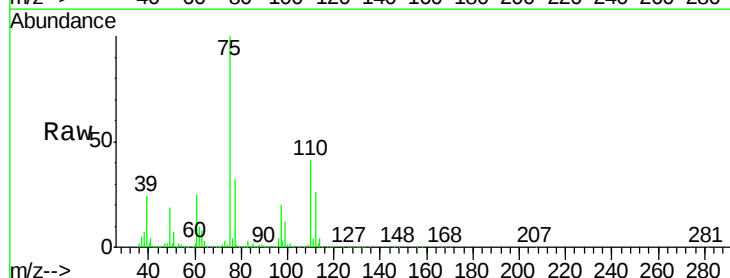
Acq: 21 Nov 2020 07:04

Tgt Ion: 75 Resp: 286644

Ion Ratio Lower Upper

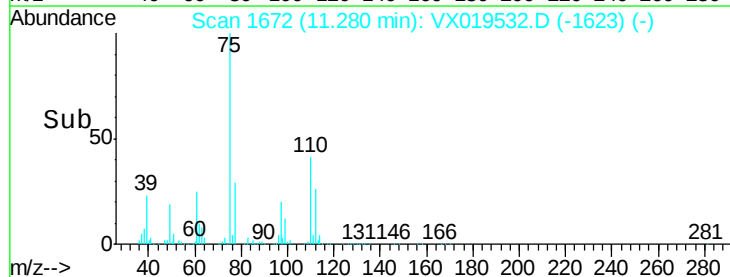
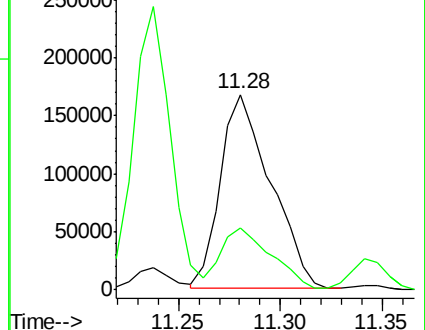
75 100

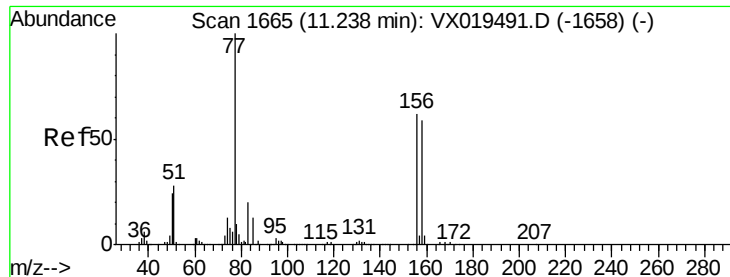
77 32.4 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.055 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

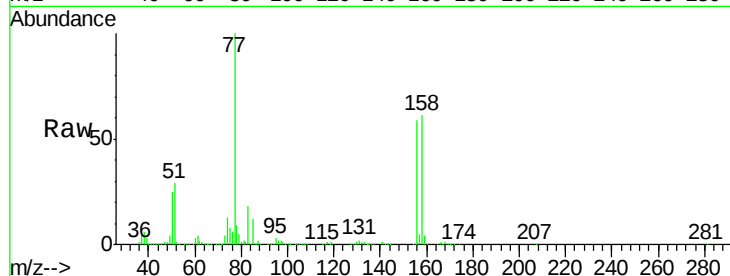
Tot Ion:156 Resp: 185327

Ion Ratio Lower Upper

156 100

77 165.7 82.5 247.3

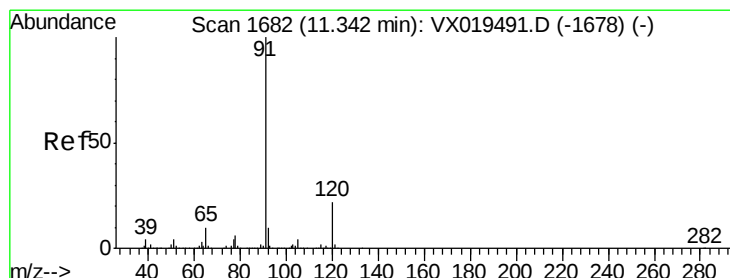
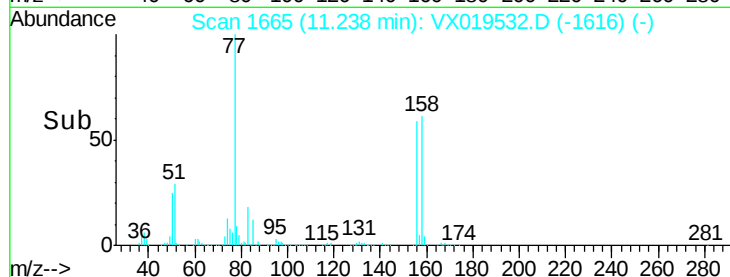
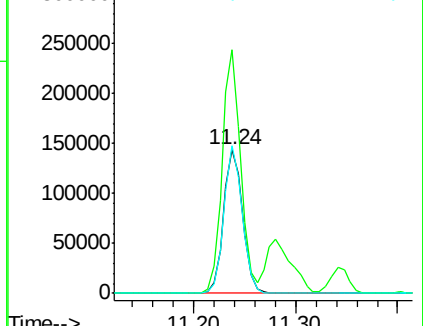
158 99.4 48.9 146.7



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: 50.371 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019532.D

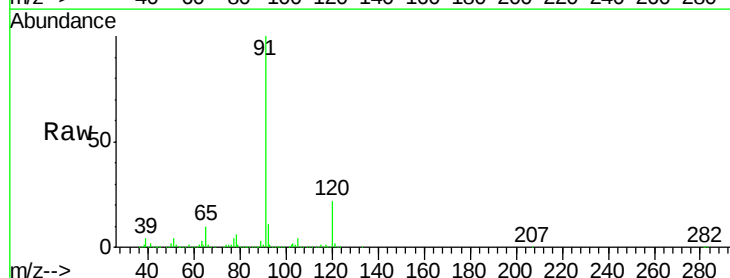
Acq: 21 Nov 2020 07:04

Tgt Ion: 91 Resp: 838093

Ion Ratio Lower Upper

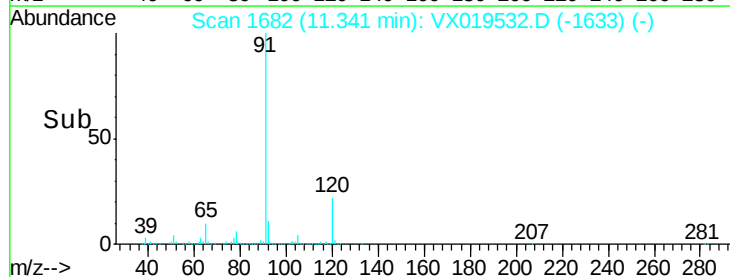
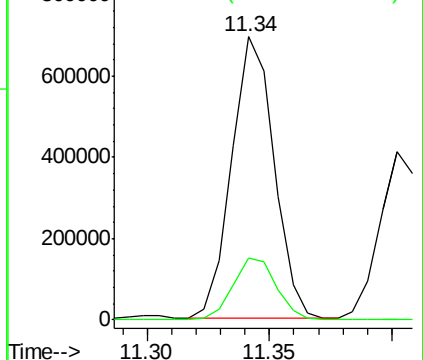
91 100

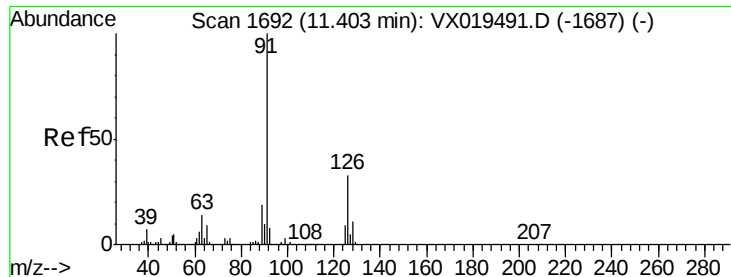
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

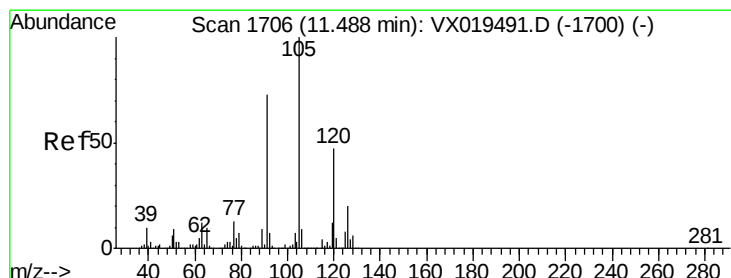
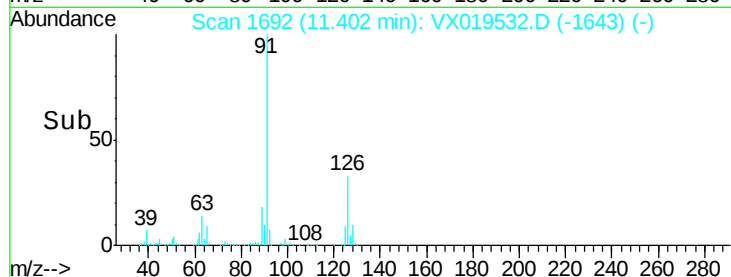
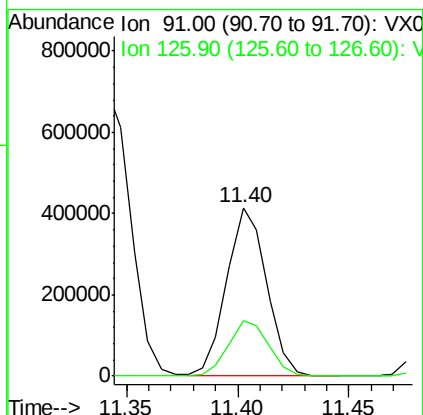
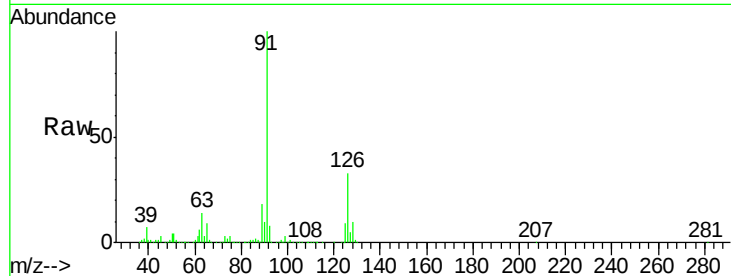




#79
2-Chlorotoluene
Concen: 51.143 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

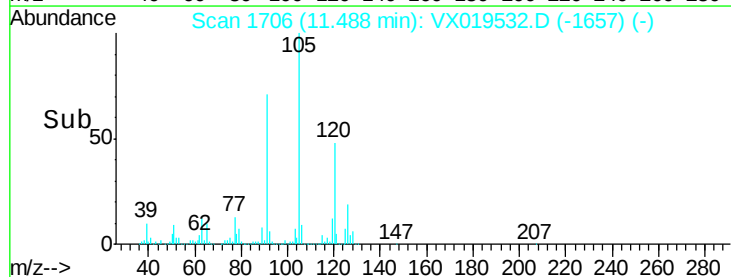
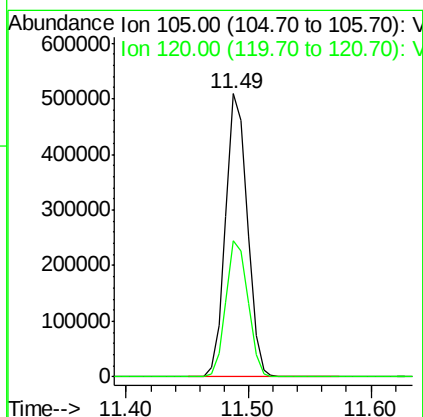
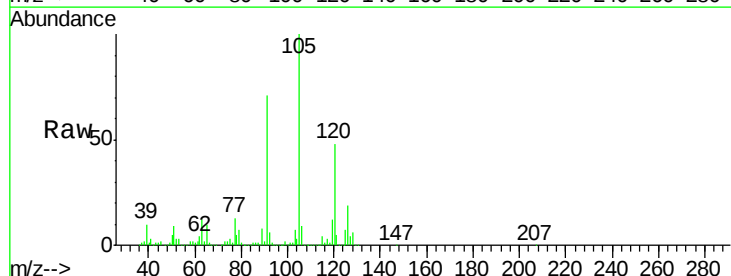
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

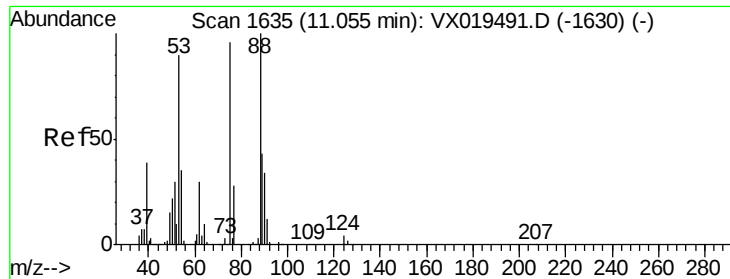
Tot Ion: 91 Resp: 516055
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 51.402 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 105 Resp: 625385
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3

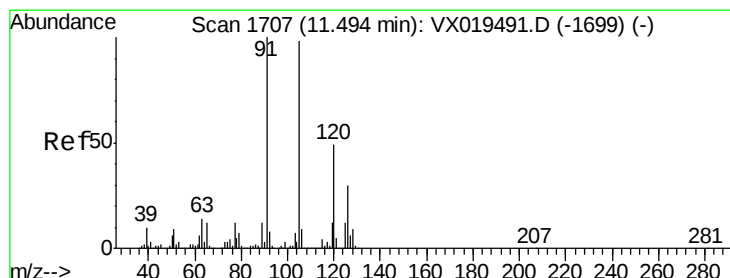
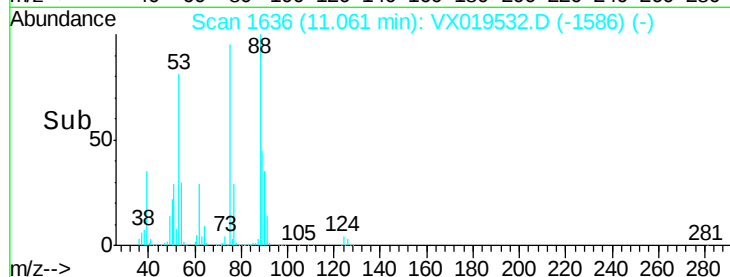
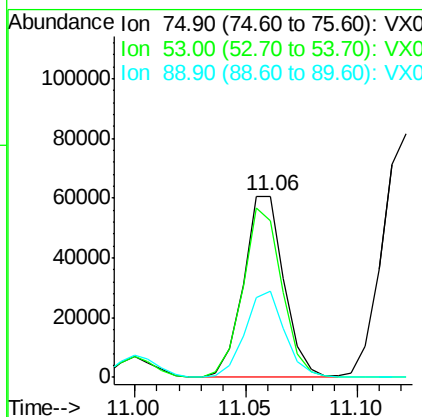
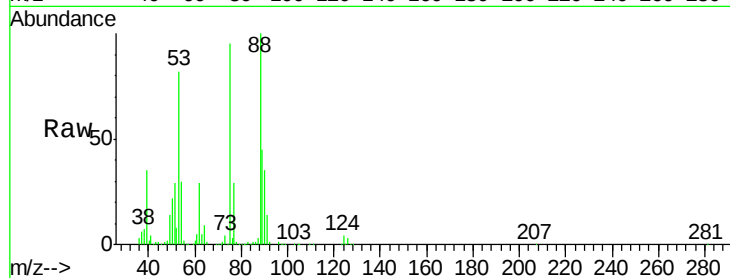




#81
trans-1,4-Dichloro-2-butene
Concen: 45.736 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

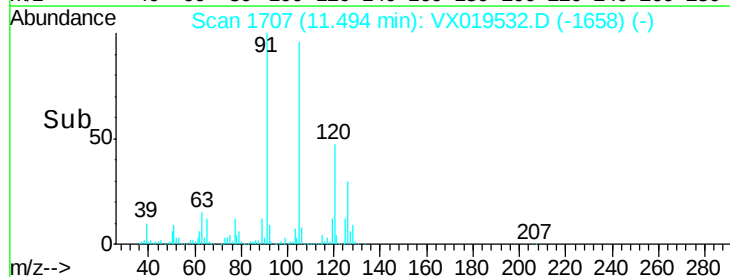
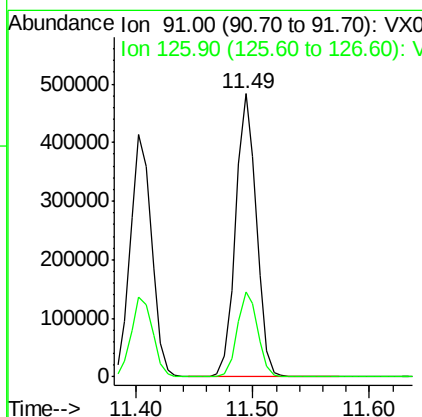
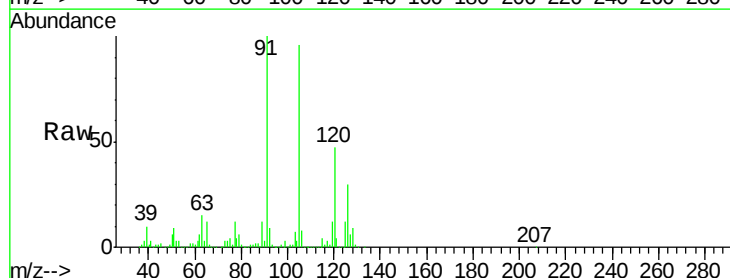
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

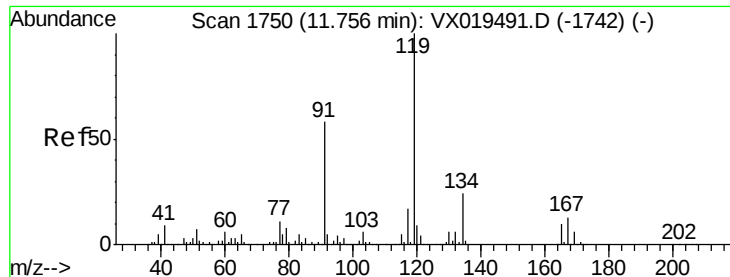
Tot Ion: 75 Resp: 76809
Ion Ratio Lower Upper
75 100
53 90.0 73.9 110.9
89 46.7 37.3 55.9



#82
4-Chlorotoluene
Concen: 50.600 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 91 Resp: 601055
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.7

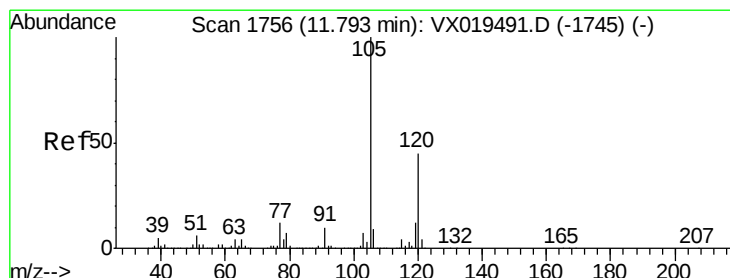
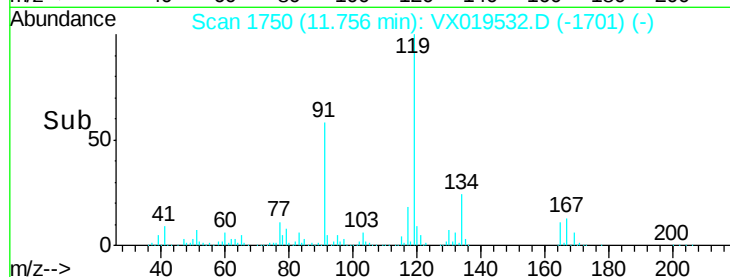
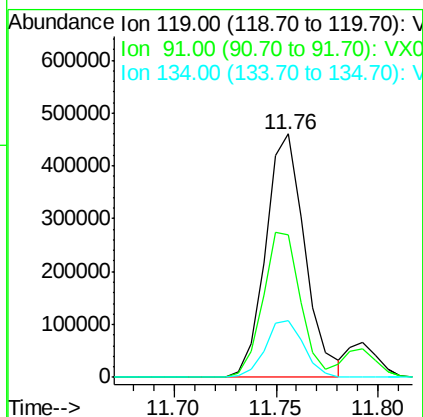
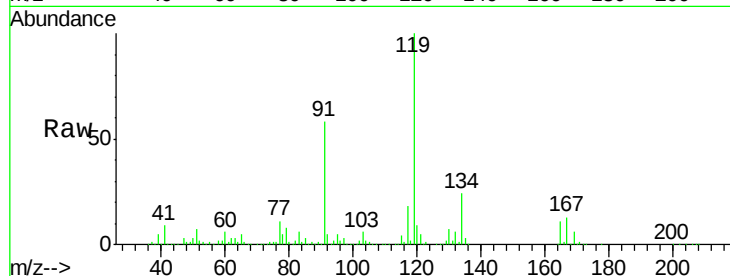




#83
tert-Butylbenzene
Concen: 52.412 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

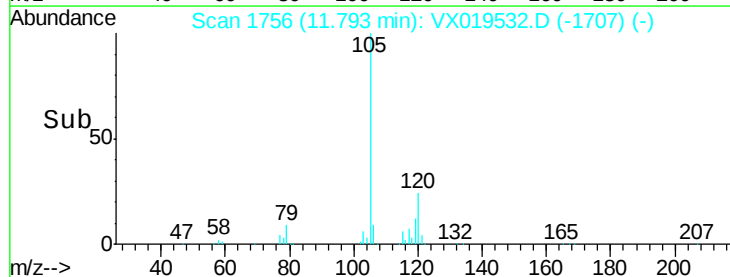
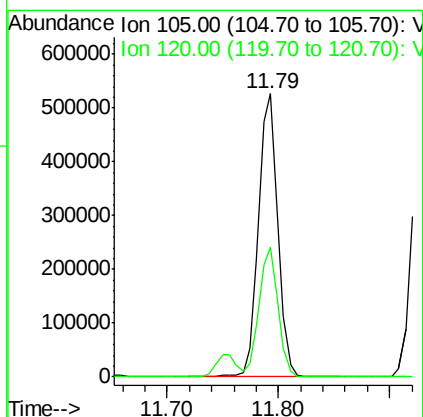
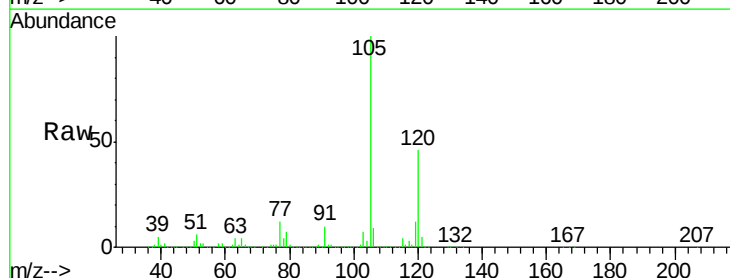
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

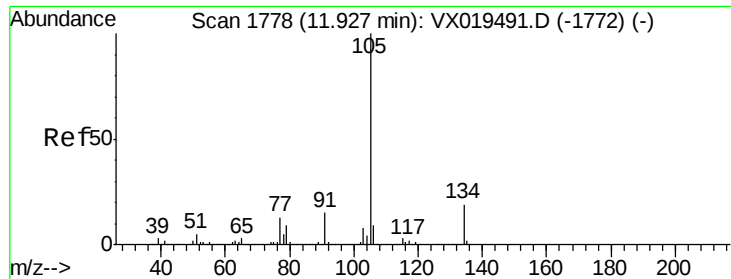
Tot Ion:119 Resp: 616926
Ion Ratio Lower Upper
119 100
91 56.9 28.9 86.8
134 23.0 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 51.986 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion:105 Resp: 639969
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.339 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

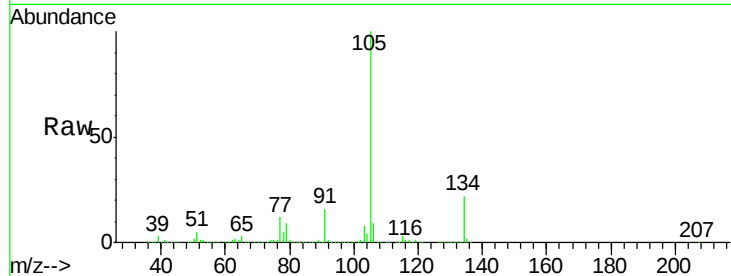
VSTDCCC050EC

Tot Ion:105 Resp: 690894

Ion Ratio Lower Upper

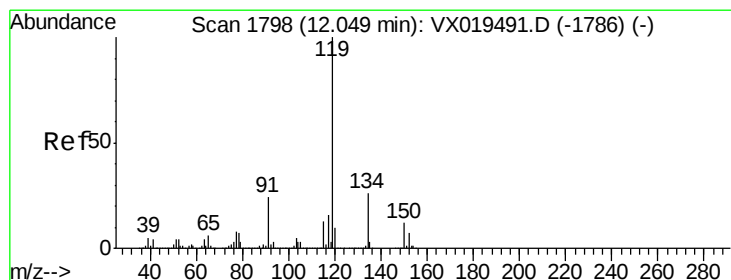
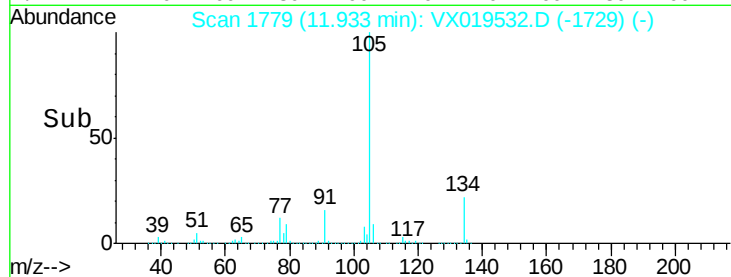
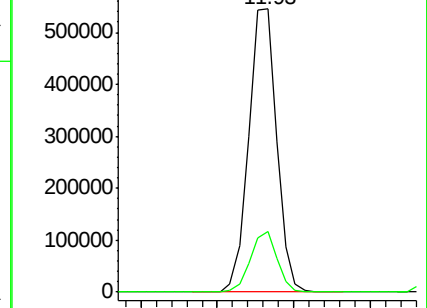
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.508 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

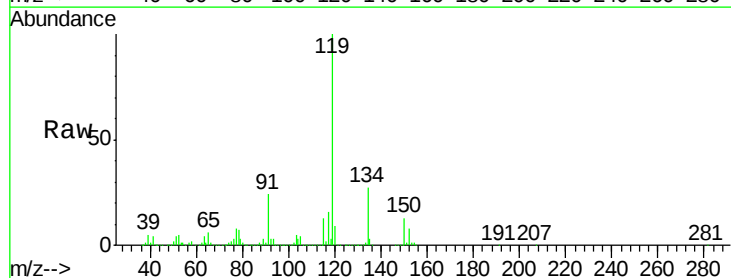
Tgt Ion:119 Resp: 629430

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

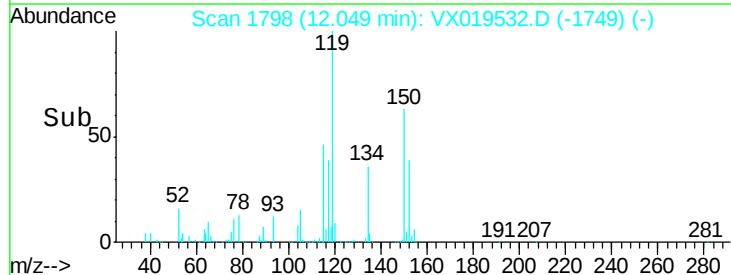
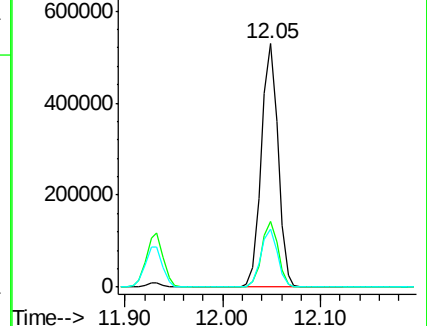
91 23.9 11.8 35.4

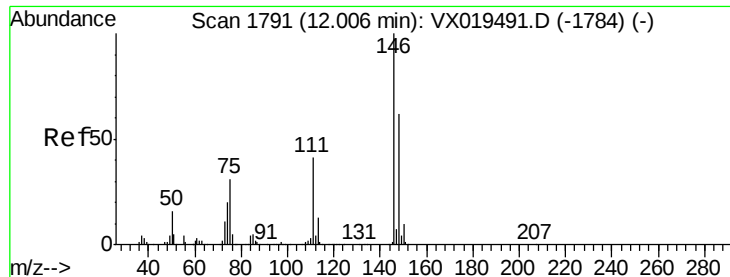


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.713 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

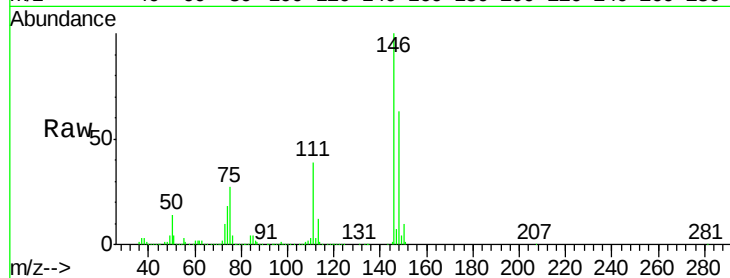
Tot Ion:146 Resp: 338028

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

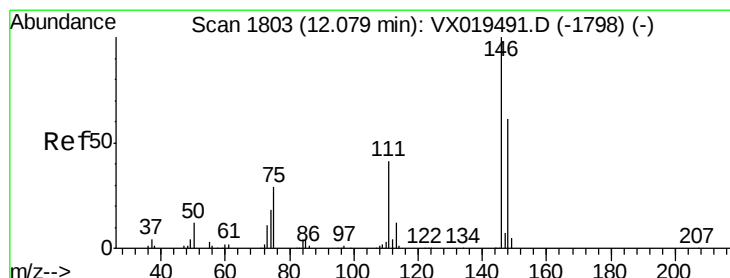
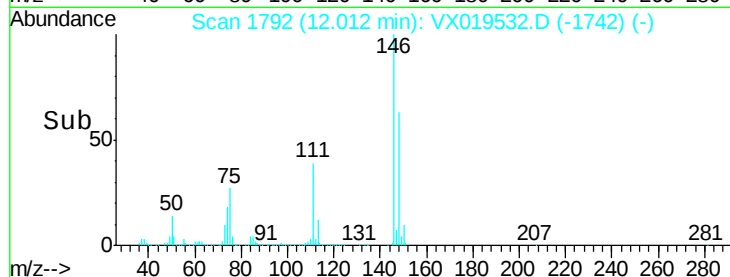
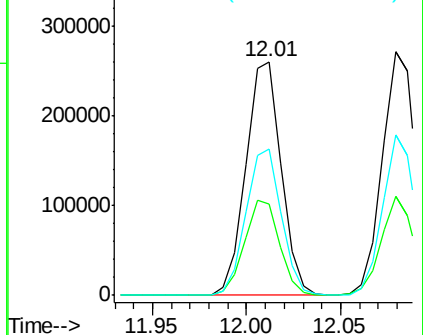
148 62.9 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.396 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

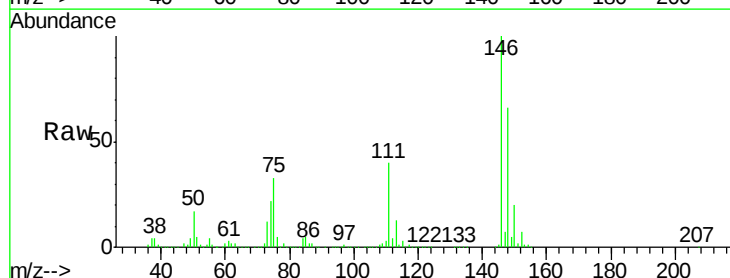
Tgt Ion:146 Resp: 338964

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.6

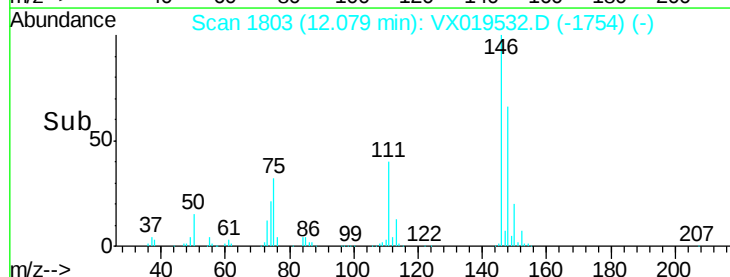
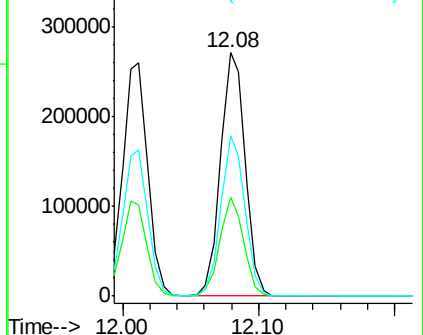
148 64.4 31.7 95.1

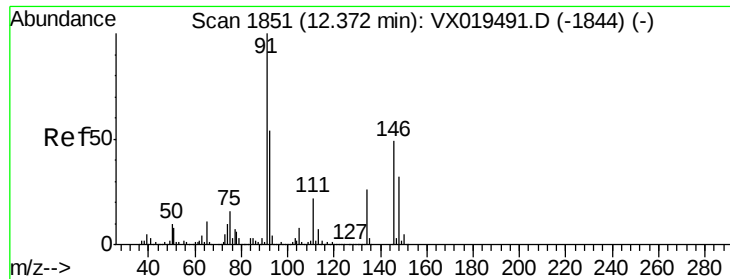


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

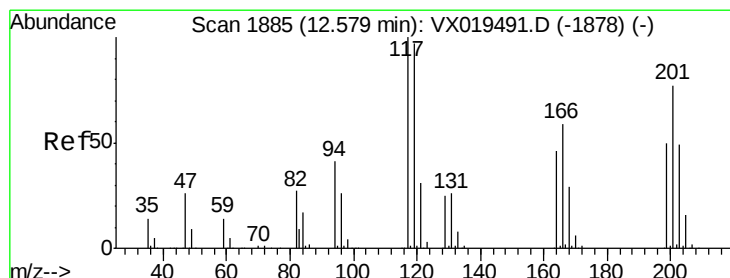
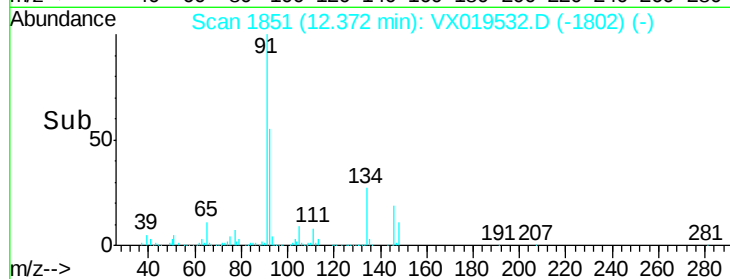
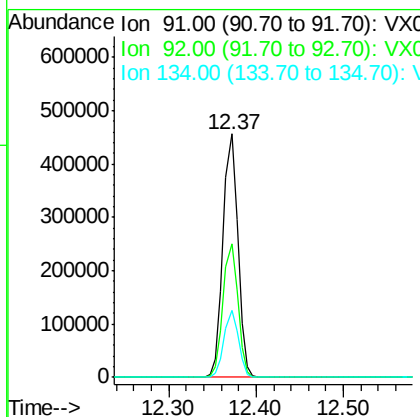
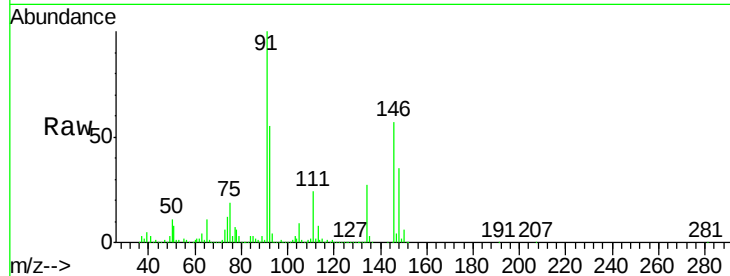




#89
n-Butylbenzene
Concen: 46.277 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

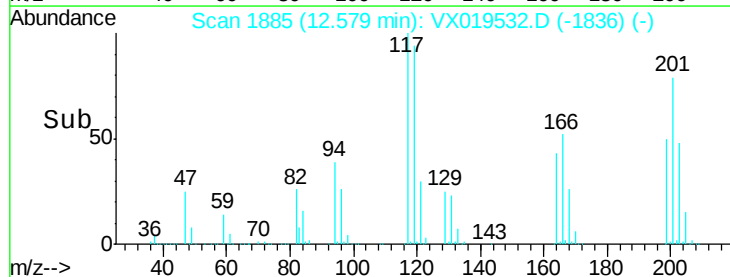
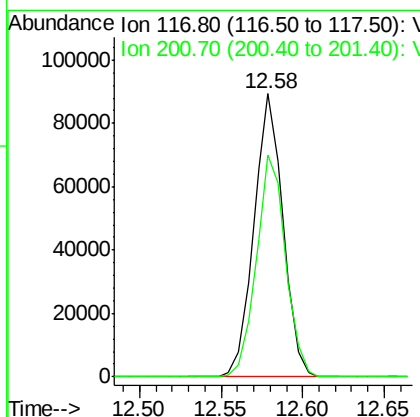
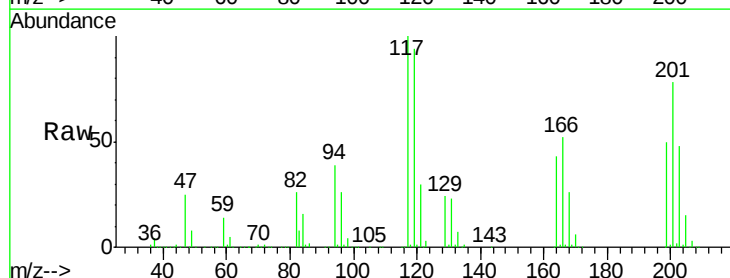
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

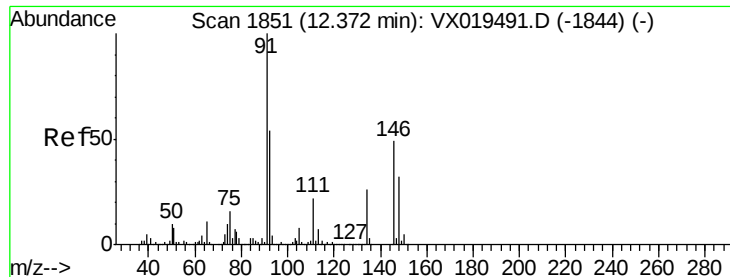
Tot Ion: 91 Resp: 531899
Ion Ratio Lower Upper
91 100
92 54.9 26.9 80.6
134 26.7 12.9 38.6



#90
Hexachloroethane
Concen: 51.947 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion: 117 Resp: 110513
Ion Ratio Lower Upper
117 100
201 78.5 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 49.964 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

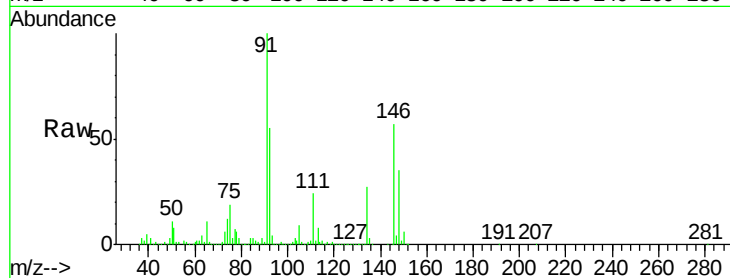
Tot Ion:146 Resp: 341218

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.3

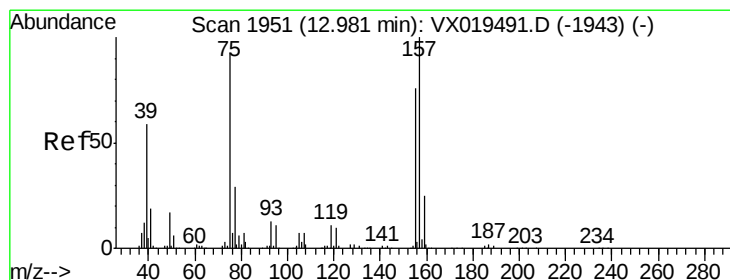
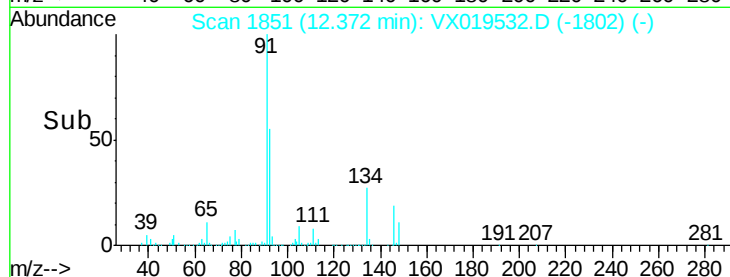
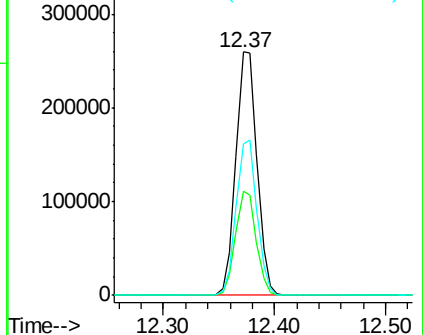
148 62.8 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.117 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

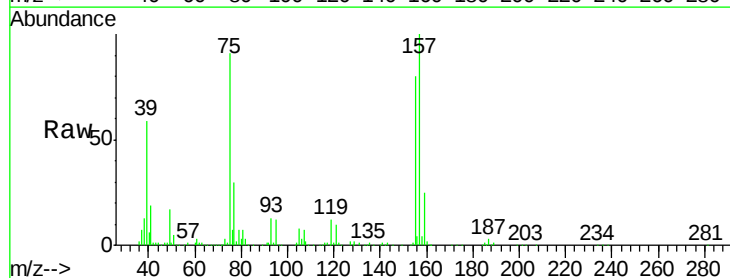
Tgt Ion: 75 Resp: 57262

Ion Ratio Lower Upper

75 100

155 89.8 43.6 130.9

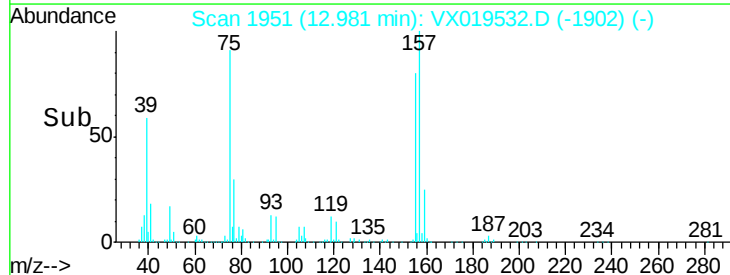
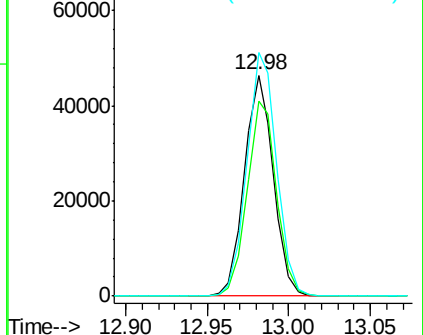
157 113.4 57.0 170.8

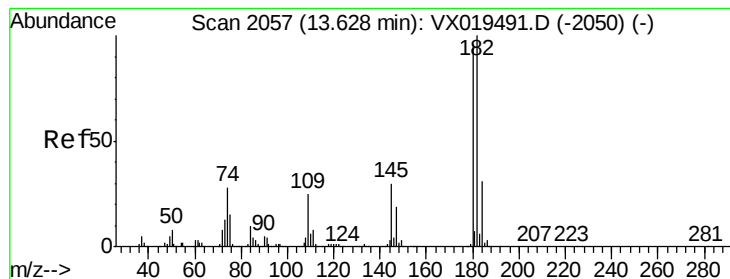


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 49.726 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

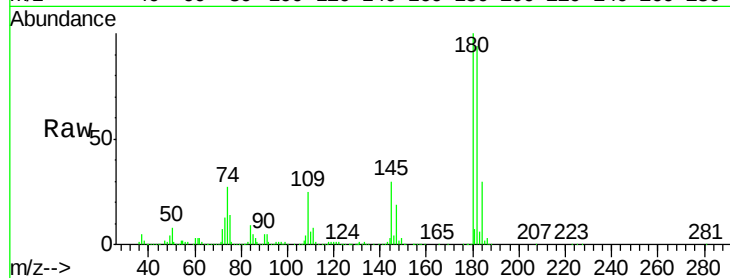
Tot Ion:180 Resp: 218026

Ion Ratio Lower Upper

180 100

182 95.0 48.6 145.9

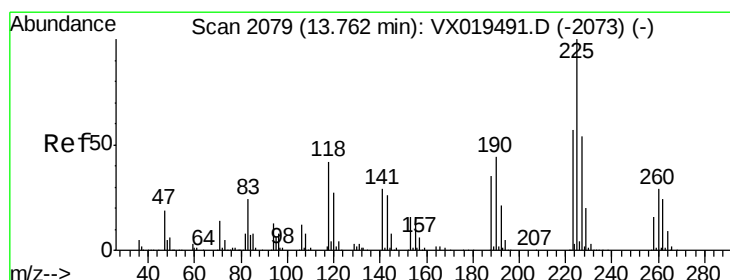
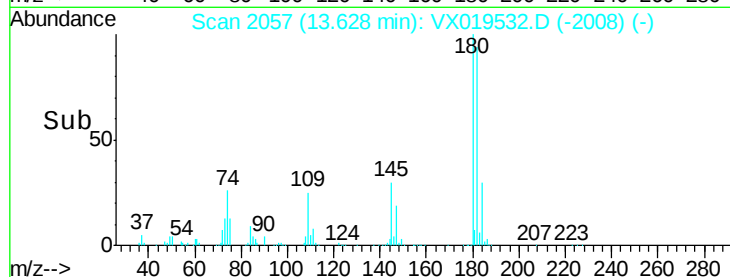
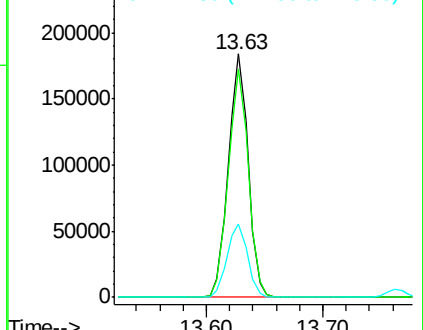
145 31.1 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 42.006 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019532.D

Acq: 21 Nov 2020 07:04

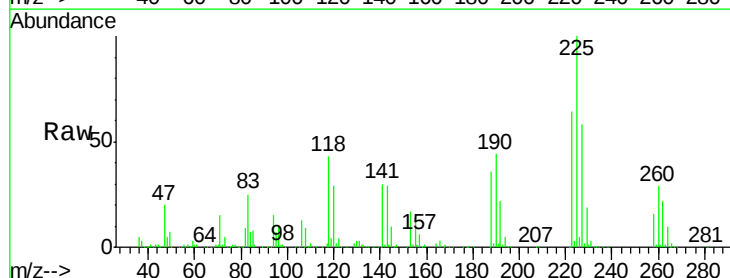
Tgt Ion:225 Resp: 83900

Ion Ratio Lower Upper

225 100

223 62.9 32.5 97.5

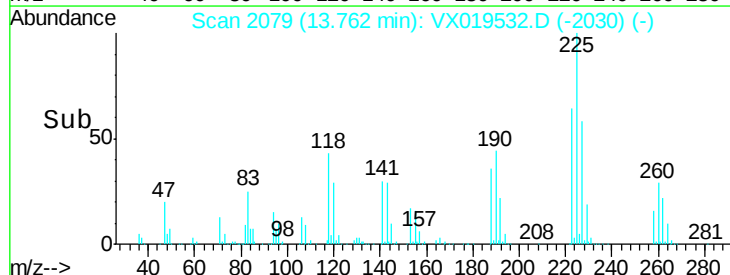
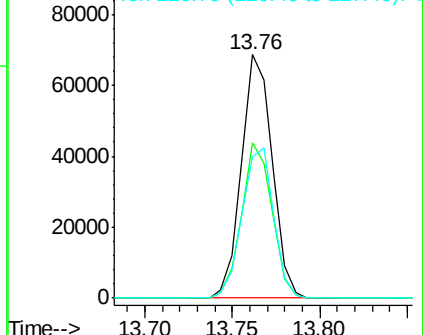
227 63.2 32.8 98.3

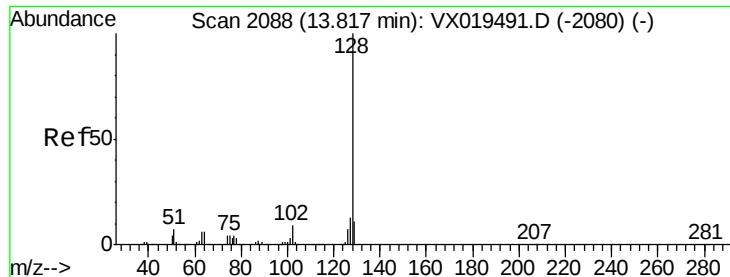


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

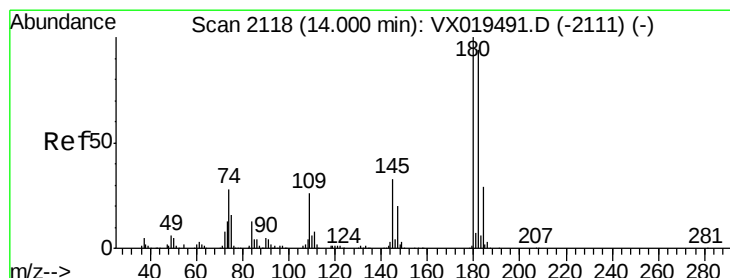
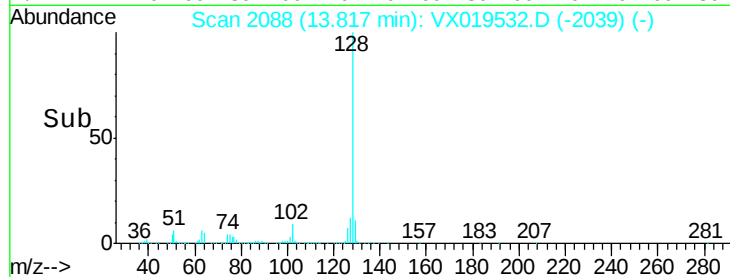
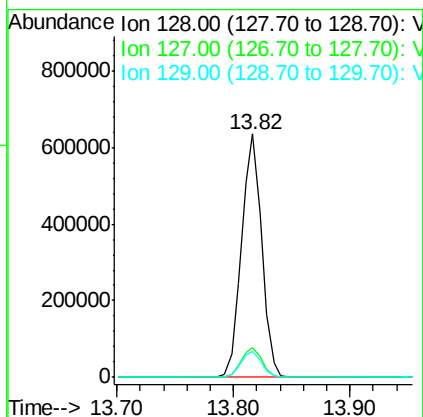
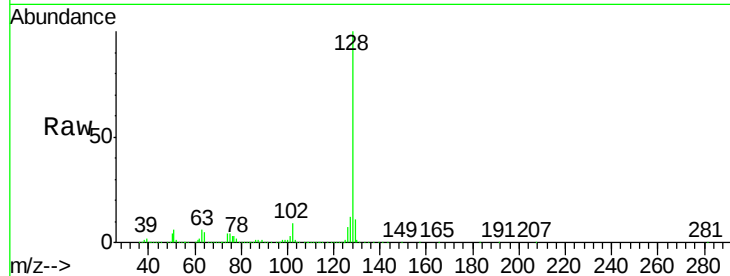




#95
Naphthalene
Concen: 49.790 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 769819
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.885 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019532.D
Acq: 21 Nov 2020 07:04

Tgt Ion:180 Resp: 223164
Ion Ratio Lower Upper
180 100
182 93.0 48.1 144.3
145 32.7 16.6 49.8

