

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017446.D
 Acq On : 20 Jul 2020 19:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 21 02:06:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	284107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	450719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	185414	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	5.46	113	152587	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.70	98	552034	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.12	95	230078	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	126098	52.453	ug/l 100
3) Chloromethane	1.31	50	137264	50.717	ug/l 97
4) Vinyl Chloride	1.39	62	138006	51.544	ug/l 100
5) Bromomethane	1.62	94	69099	39.644	ug/l 96
6) Chloroethane	1.70	64	85681	50.698	ug/l 99
7) Trichlorofluoromethane	1.91	101	223221	49.395	ug/l 100
8) Diethyl Ether	2.17	74	80539	50.418	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	135586	52.669	ug/l 98
10) Methyl Iodide	2.49	142	154217	45.429	ug/l 98
11) Tert butyl alcohol	3.02	59	171519	285.499	ug/l 99
12) 1,1-Dichloroethene	2.36	96	133845	51.768	ug/l 93
13) Acrolein	2.28	56	45016	136.691	ug/l 100
14) Allyl chloride	2.70	41	241074	53.812	ug/l 96
15) Acrylonitrile	3.12	53	408544	280.523	ug/l 100
16) Acetone	2.42	43	340386	267.574	ug/l 99
17) Carbon Disulfide	2.55	76	371212	49.218	ug/l 99
18) Methyl Acetate	2.75	43	181911	57.896	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	469475	53.477	ug/l 99
20) Methylene Chloride	2.84	84	155096	49.970	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	149047	50.386	ug/l 99
22) Diisopropyl ether	3.82	45	475206	55.686	ug/l 97
23) Vinyl Acetate	3.79	43	2116645	282.028	ug/l 99
24) 1,1-Dichloroethane	3.67	63	265099	52.859	ug/l 99
25) 2-Butanone	4.64	43	562753	278.522	ug/l 99
26) 2,2-Dichloropropane	4.56	77	207775	44.515	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	167341	51.586	ug/l 99
28) Bromochloromethane	4.98	49	132588	57.228	ug/l 96
29) Tetrahydrofuran	5.09	42	368622	281.841	ug/l 97
30) Chloroform	5.18	83	276095	51.168	ug/l 99
31) Cyclohexane	5.55	56	218149	53.133	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	250876	50.294	ug/l 98
36) 1,1-Dichloropropene	5.77	75	198726	47.934	ug/l 99
37) Ethyl Acetate	4.79	43	217648	50.764	ug/l 99
38) Carbon Tetrachloride	5.76	117	227674	46.905	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072020\
 Data File : VX017446.D
 Acq On : 20 Jul 2020 19:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jul 21 02:06:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216142	48.009	ug/l	99
40) Benzene	6.11	78	594970	49.937	ug/l	100
41) Methacrylonitrile	5.01	41	118800	51.614	ug/l	99
42) 1,2-Dichloroethane	6.17	62	222160	47.992	ug/l	100
43) Isopropyl Acetate	6.41	43	353913	51.659	ug/l	99
44) Trichloroethene	7.19	130	165474	45.468	ug/l	93
45) 1,2-Dichloropropane	7.49	63	156156	51.222	ug/l	99
46) Dibromomethane	7.63	93	108651	49.416	ug/l	96
47) Bromodichloromethane	7.88	83	226531	49.281	ug/l	97
48) Methyl methacrylate	7.74	41	175885	53.500	ug/l	99
49) 1,4-Dioxane	7.71	88	71520	1063.051	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1130301	270.578	ug/l	99
52) Toluene	8.76	92	381642	49.915	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	244432	49.359	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	258645	48.969	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	161810	50.752	ug/l	98
56) Ethyl methacrylate	9.16	69	242325	53.535	ug/l	99
57) 1,3-Dichloropropane	9.35	76	264217	49.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	658739	286.619	ug/l	98
59) 2-Hexanone	9.48	43	861523	273.250	ug/l	98
60) Dibromochloromethane	9.57	129	193129	49.585	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170238	49.083	ug/l	98
64) Tetrachloroethene	9.32	164	155704	40.643	ug/l	96
65) Chlorobenzene	10.12	112	426153	47.377	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	170844	47.706	ug/l	99
67) Ethyl Benzene	10.24	91	738443	49.315	ug/l	99
68) m/p-Xylenes	10.34	106	565237	99.211	ug/l	100
69) o-Xylene	10.68	106	273435	50.226	ug/l	100
70) Styrene	10.70	104	489189	52.348	ug/l	98
71) Bromoform	10.84	173	150293	49.734	ug/l #	99
73) Isopropylbenzene	11.00	105	738348	48.189	ug/l	99
74) N-amyl acetate	10.88	43	331566	54.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	239780	51.542	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	286649	63.468	ug/l	87
77) Bromobenzene	11.24	156	204688	46.905	ug/l	97
78) n-propylbenzene	11.34	91	849717	49.380	ug/l	100
79) 2-Chlorotoluene	11.40	91	511988	48.282	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	631548	48.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	83180	46.720	ug/l	100
82) 4-Chlorotoluene	11.49	91	618445	49.211	ug/l	99
83) tert-Butylbenzene	11.76	119	630989	50.187	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	647161	49.252	ug/l	99
85) sec-Butylbenzene	11.93	105	725184	49.267	ug/l	99
86) p-Isopropyltoluene	12.05	119	674027	48.395	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	353575	45.292	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	363000	46.025	ug/l	99
89) n-Butylbenzene	12.37	91	578325	48.688	ug/l	99
90) Hexachloroethane	12.58	117	128730	48.685	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	338099	46.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55253	45.012	ug/l	95

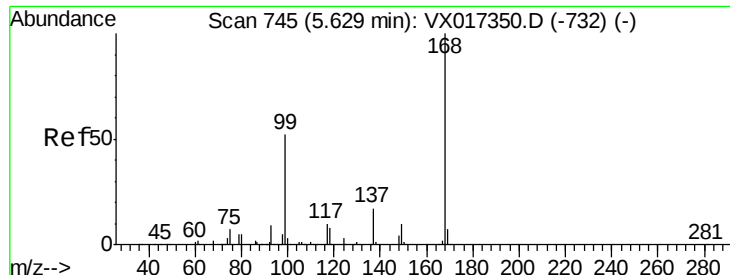
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
Data File : VX017446.D
Acq On : 20 Jul 2020 19:52
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 21 02:06:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	225514	44.283	ug/l	99
94) Hexachlorobutadiene	13.76	225	87312	42.042	ug/l	98
95) Naphthalene	13.82	128	744812	49.743	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	219368	44.594	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

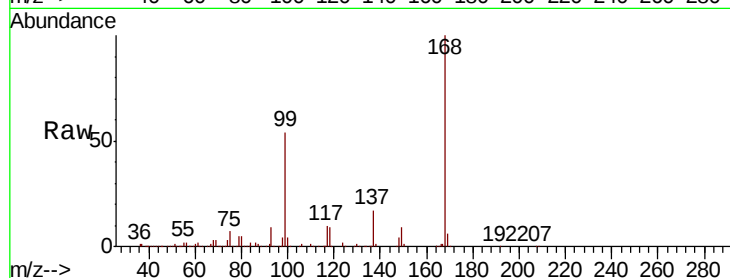
VSTDCCC050EC

Tot Ion:168 Resp: 284107

Ion Ratio Lower Upper

168 100

99 54.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

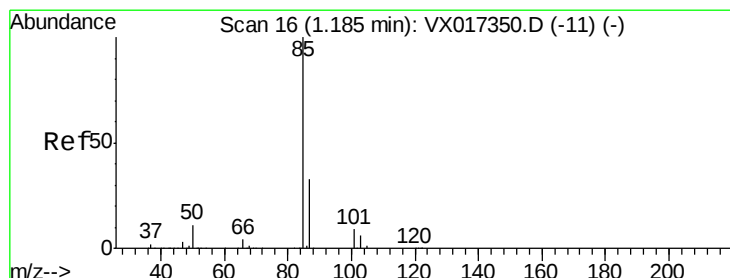
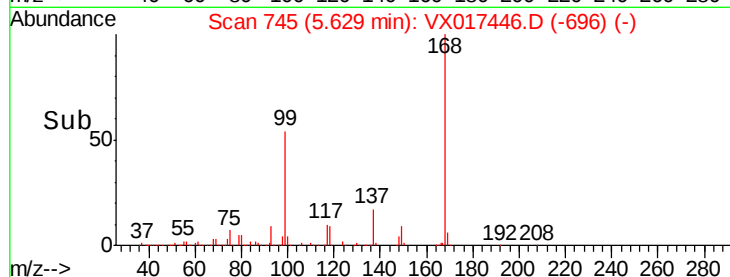
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.453 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017446.D

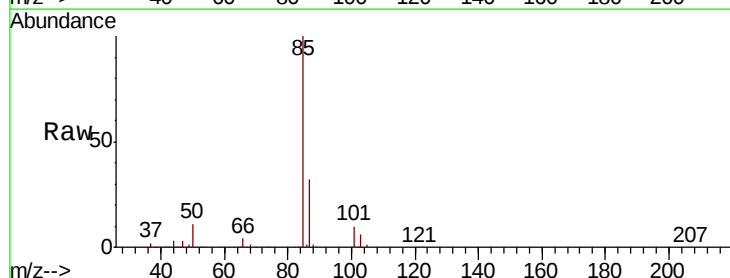
Acq: 20 Jul 2020 19:52

Tgt Ion: 85 Resp: 126098

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

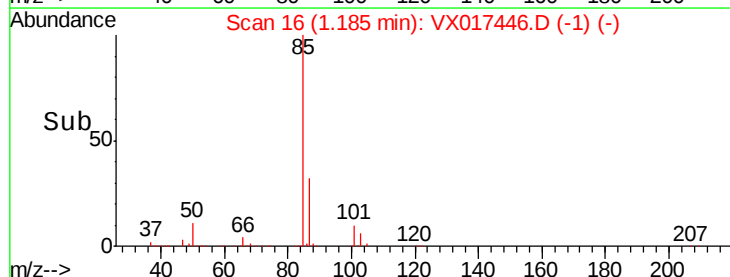
150000

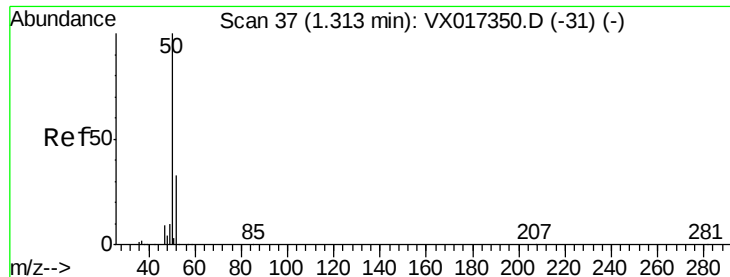
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.717 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

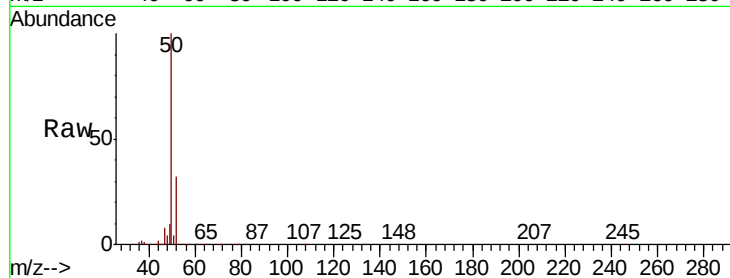
VSTDCCC050EC

Tot Ion: 50 Resp: 137264

Ion Ratio Lower Upper

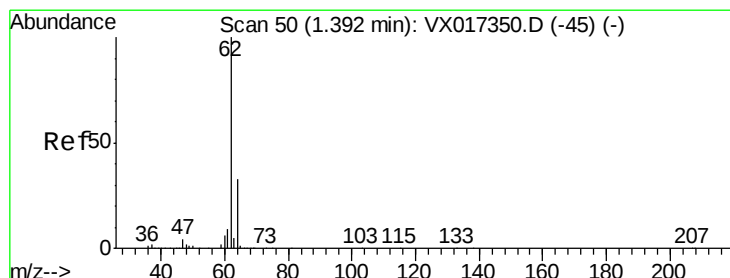
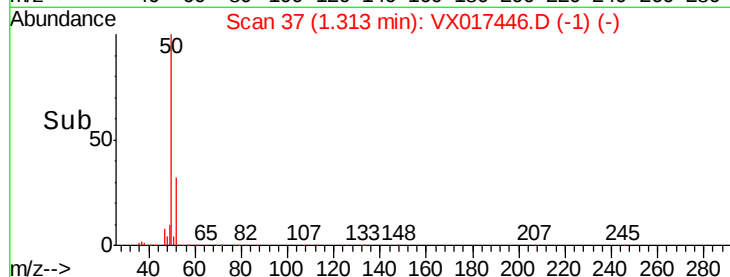
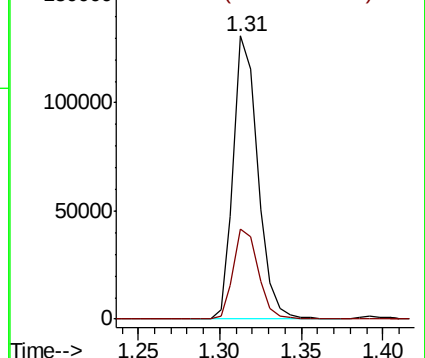
50 100

52 31.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.544 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017446.D

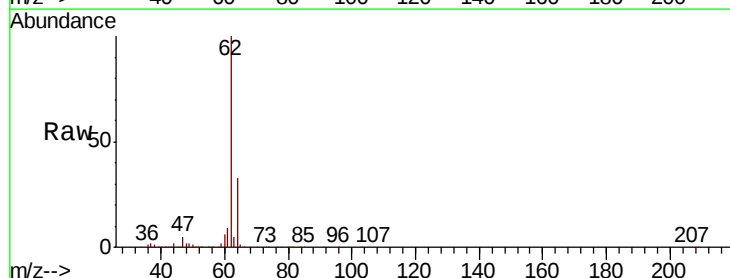
Acq: 20 Jul 2020 19:52

Tgt Ion: 62 Resp: 138006

Ion Ratio Lower Upper

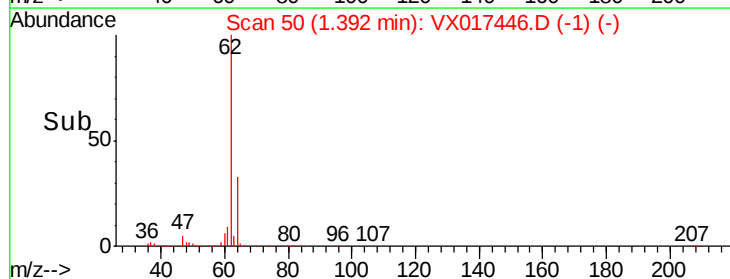
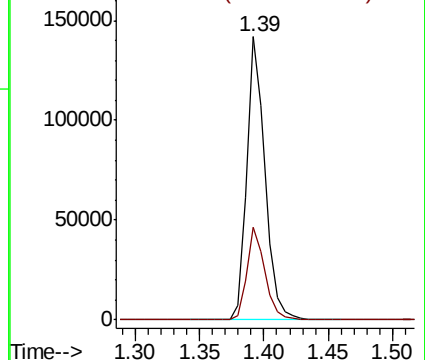
62 100

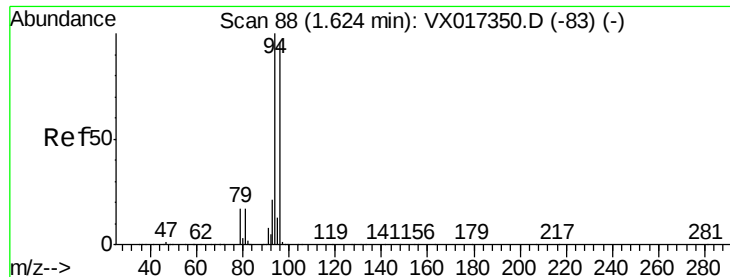
64 32.7 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.644 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

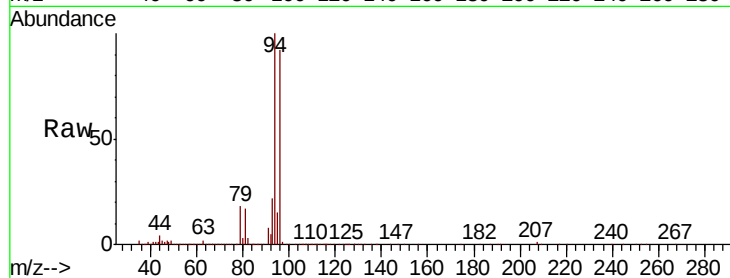
VSTDCCC050EC

Tot Ion: 94 Resp: 69099

Ion Ratio Lower Upper

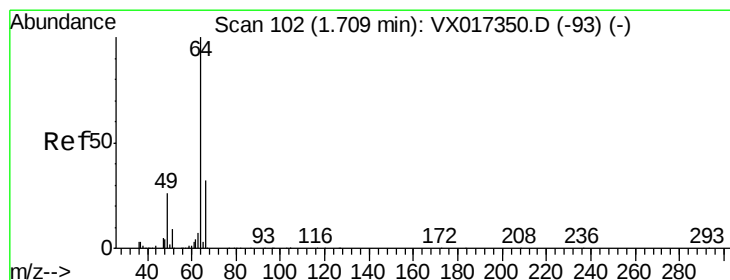
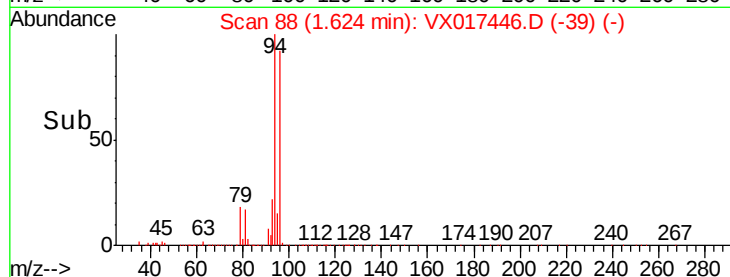
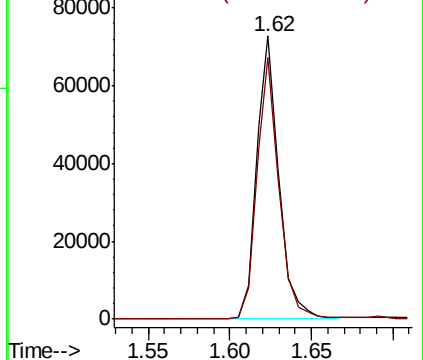
94 100

96 92.1 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.698 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017446.D

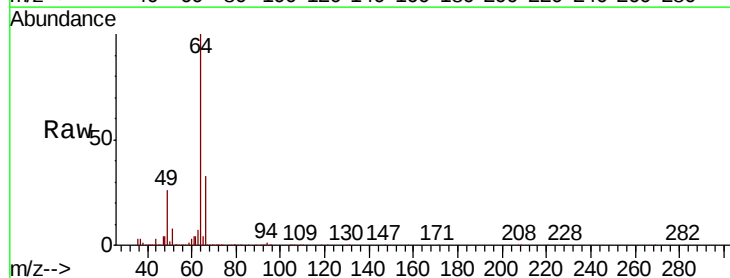
Acq: 20 Jul 2020 19:52

Tgt Ion: 64 Resp: 85681

Ion Ratio Lower Upper

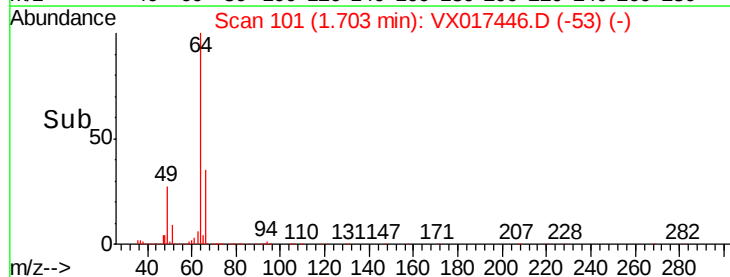
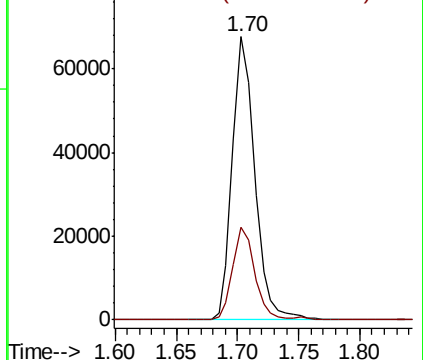
64 100

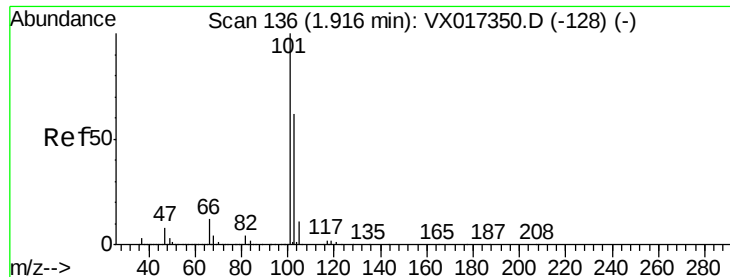
66 32.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



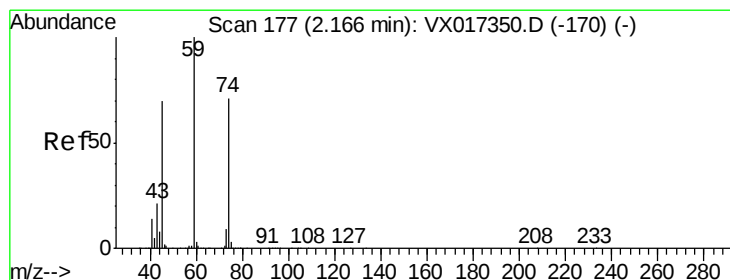
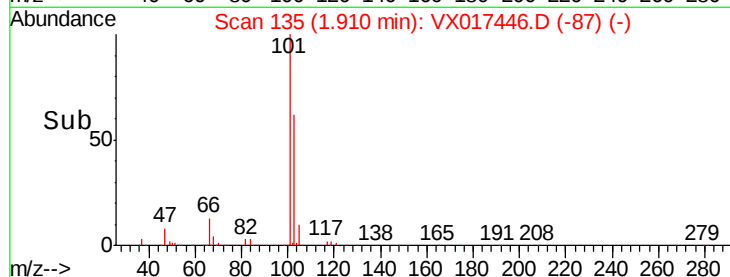
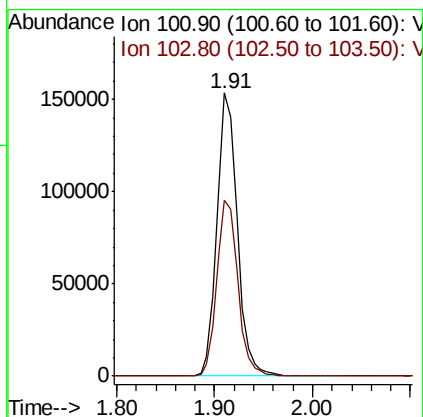
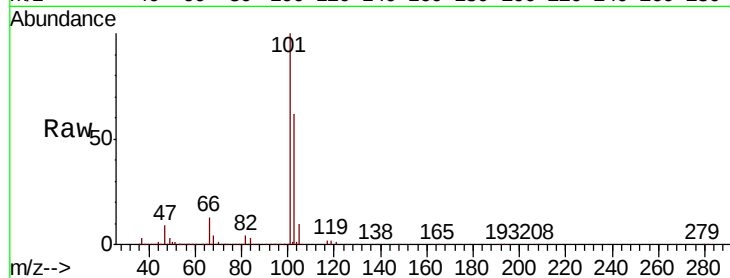


#7

Trichlorofluoromethane
 Concen: 49.395 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

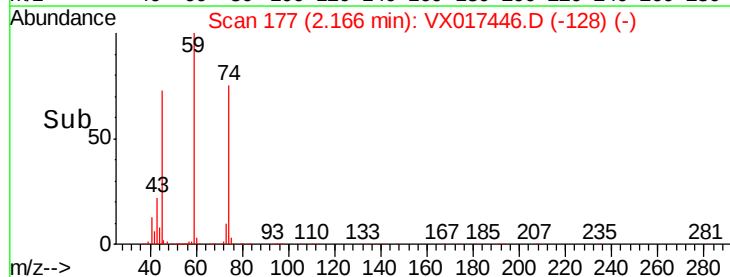
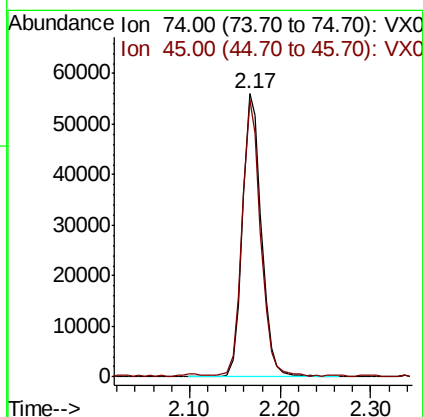
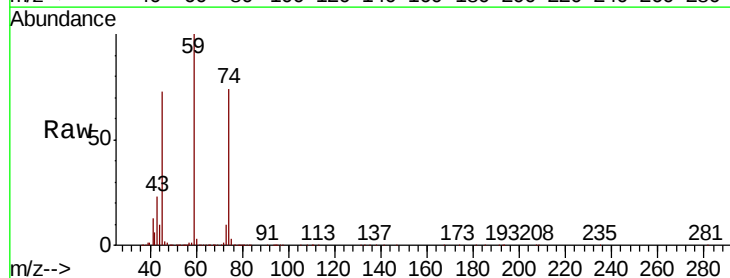
Tot Ion:101 Resp: 223221
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.6 74.4

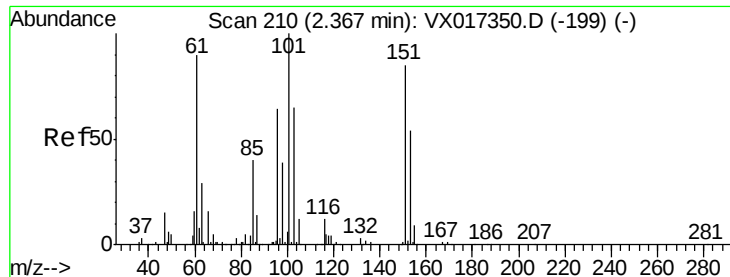


#8

Diethyl Ether
 Concen: 50.418 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

Tgt Ion: 74 Resp: 80539
 Ion Ratio Lower Upper
 74 100
 45 97.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.669 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

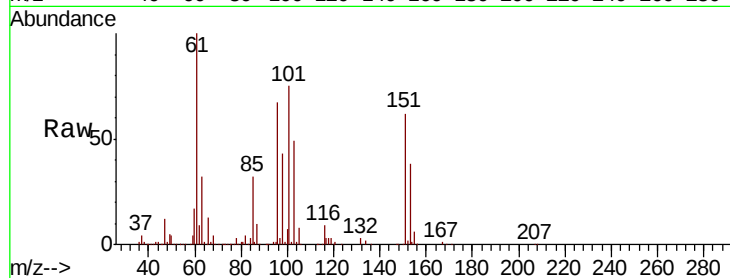
Tot Ion:101 Resp: 135586

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

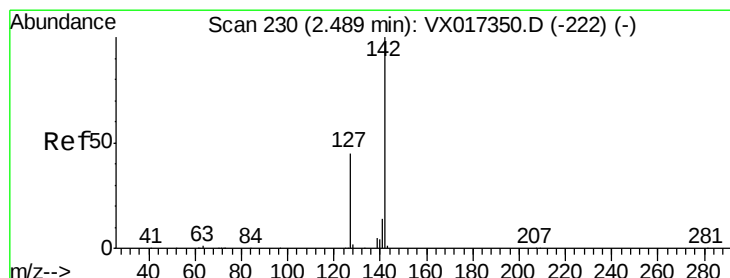
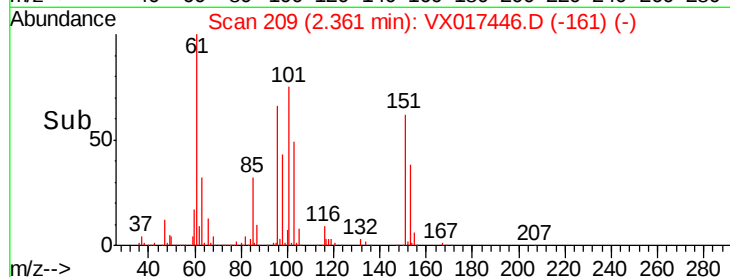
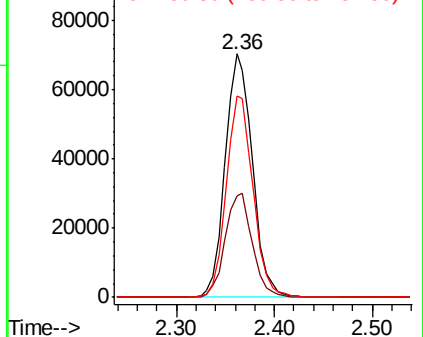
151 81.4 66.4 99.6



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: 45.429 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

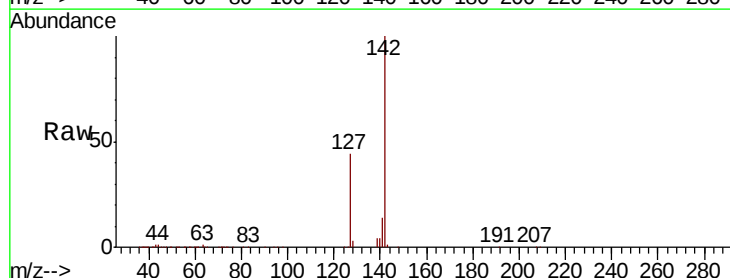
Tgt Ion:142 Resp: 154217

Ion Ratio Lower Upper

142 100

127 44.3 36.8 55.2

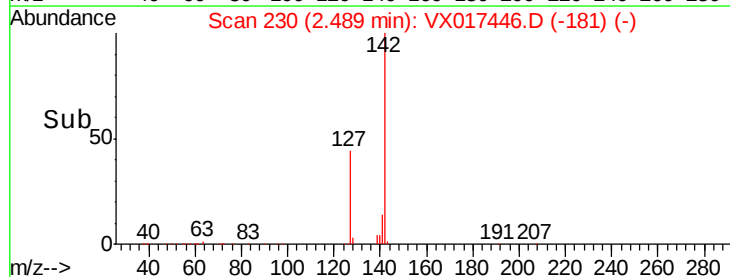
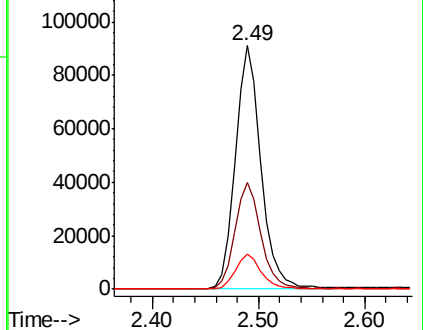
141 14.4 11.4 17.0

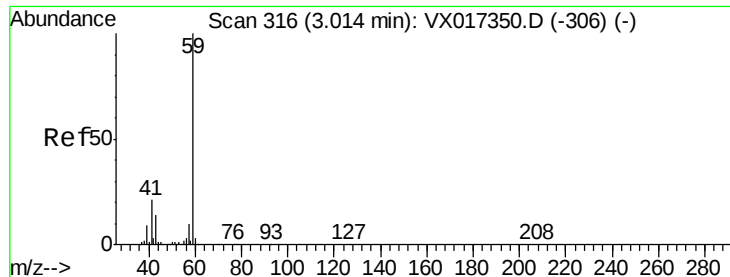


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



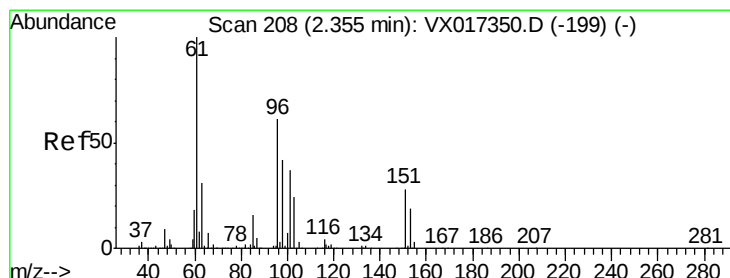
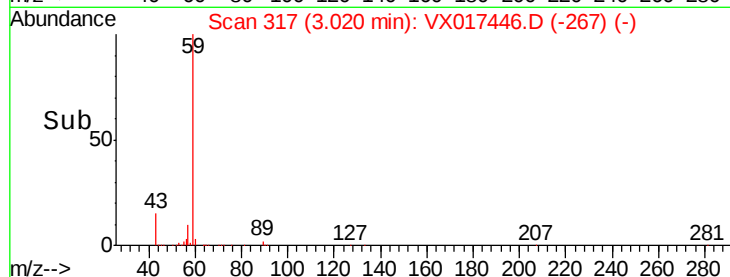
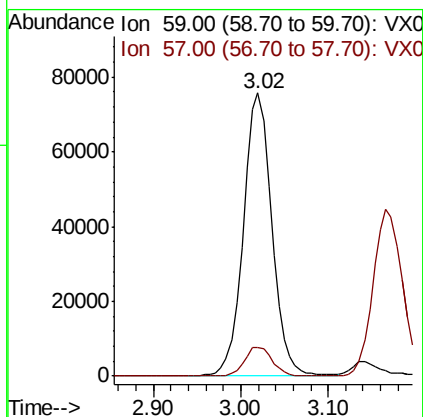
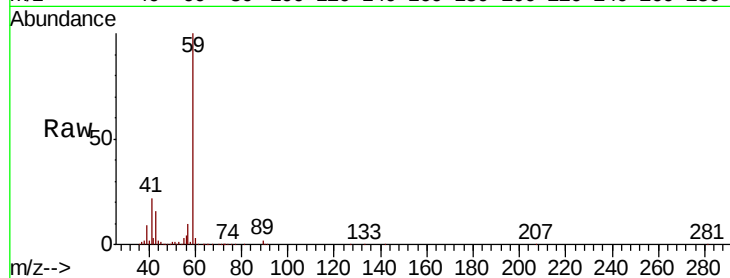


#11

Tert butyl alcohol
Concen: 285.499 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

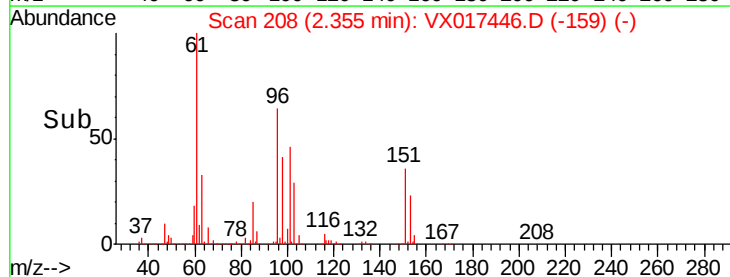
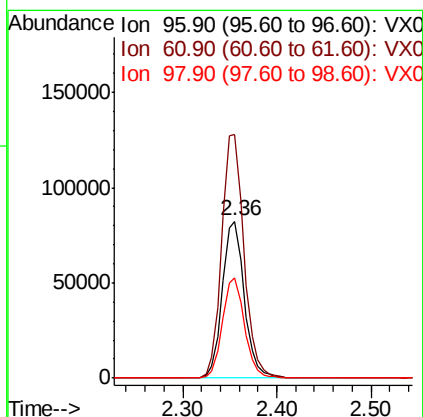
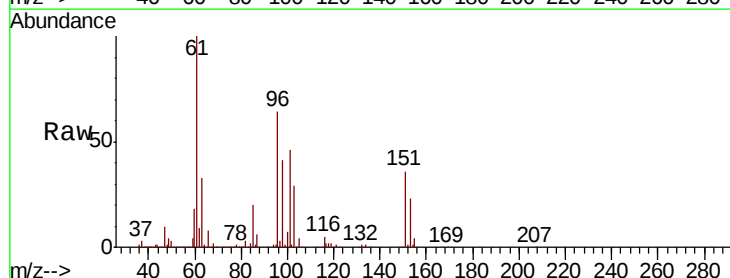
Tot Ion: 59 Resp: 171519
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

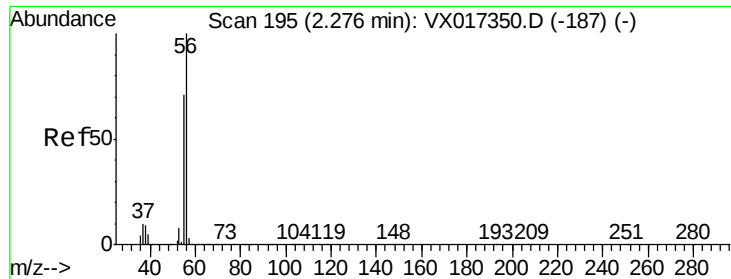


#12

1,1-Dichloroethene
Concen: 51.768 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 96 Resp: 133845
Ion Ratio Lower Upper
96 100
61 155.2 131.5 197.3
98 63.8 55.1 82.7

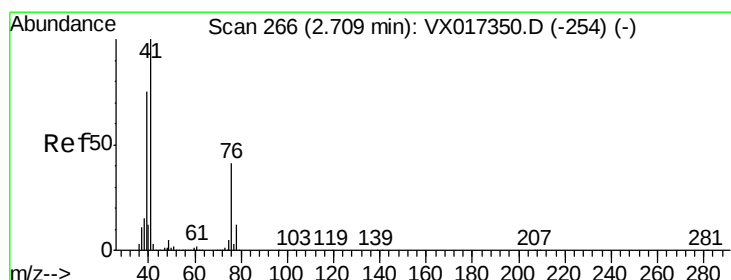
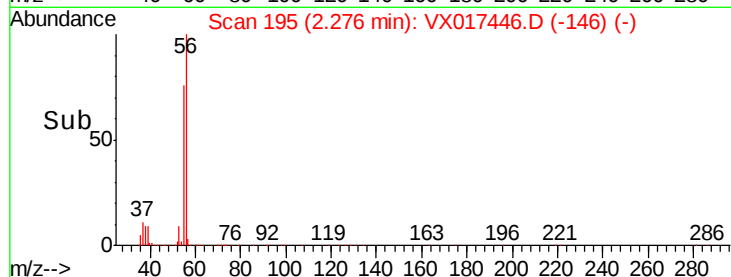
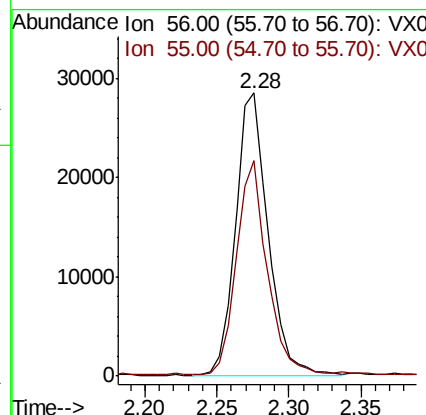
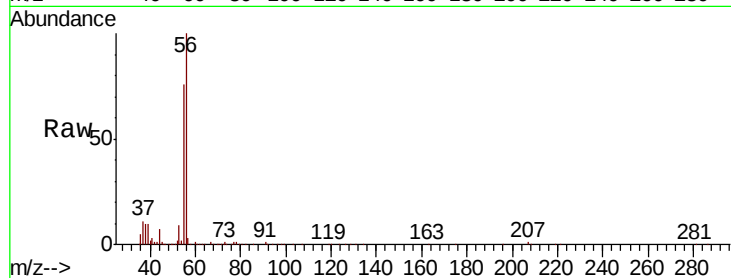




#13
Acrolein
Concen: 136.691 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

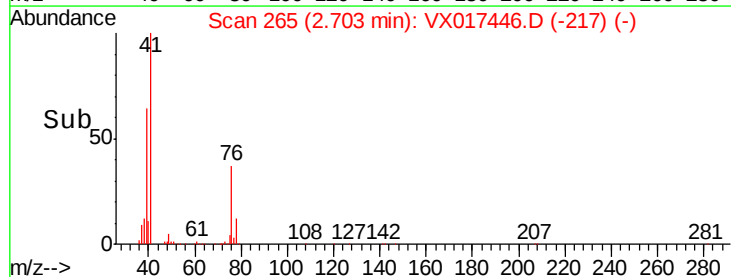
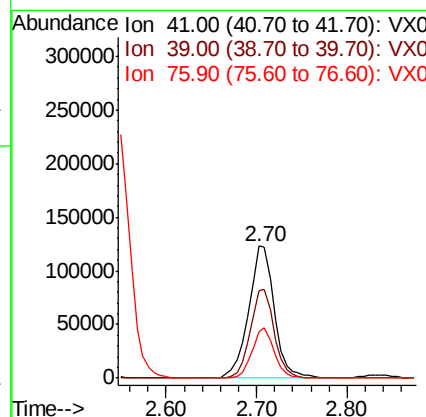
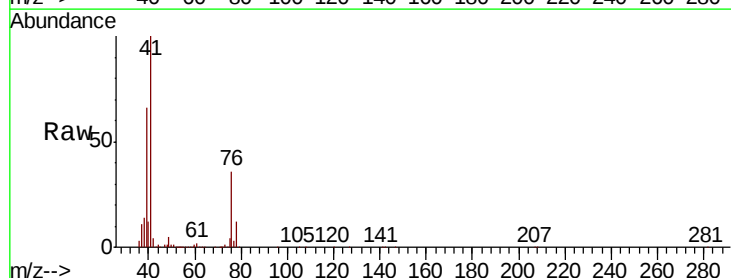
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

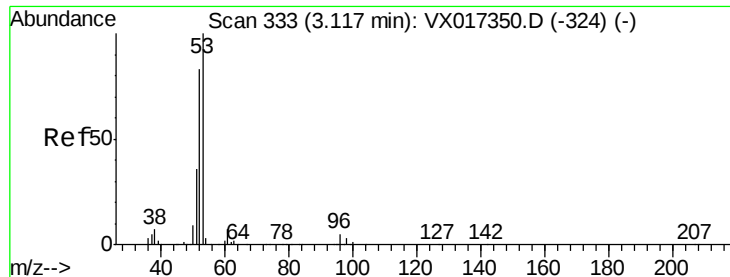
Tot Ion: 56 Resp: 45016
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7



#14
Allyl chloride
Concen: 53.812 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 41 Resp: 241074
Ion Ratio Lower Upper
41 100
39 62.3 53.0 79.4
76 33.2 28.2 42.2





#15

Acrylonitrile

Concen: 280.523 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

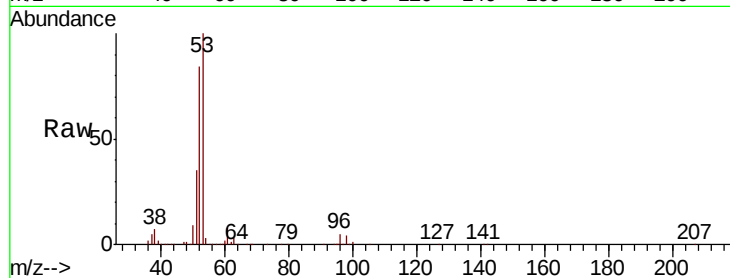
Tot Ion: 53 Resp: 408544

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.6

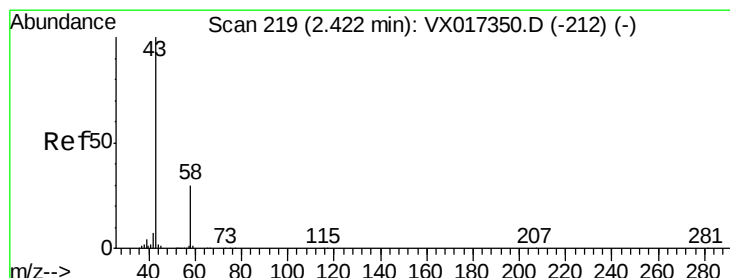
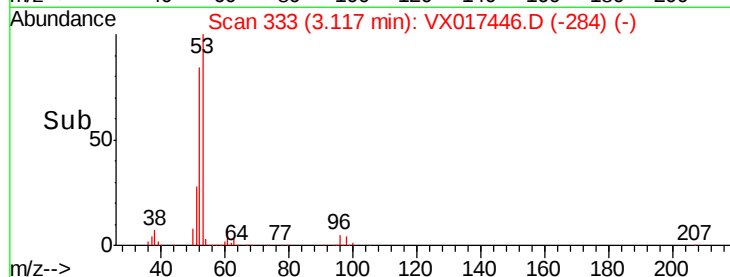
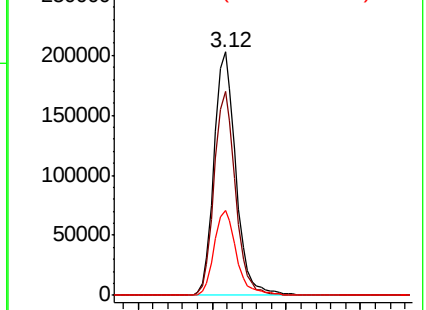
51 35.9 29.2 43.8



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: 267.574 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017446.D

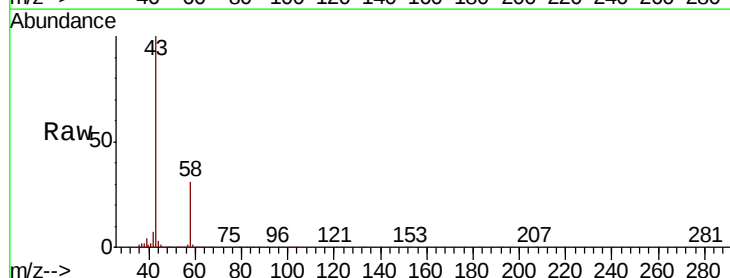
Acq: 20 Jul 2020 19:52

Tgt Ion: 43 Resp: 340386

Ion Ratio Lower Upper

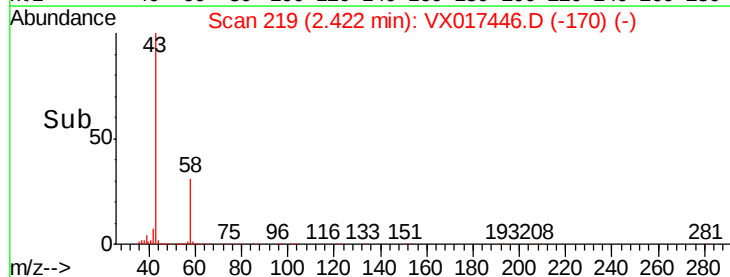
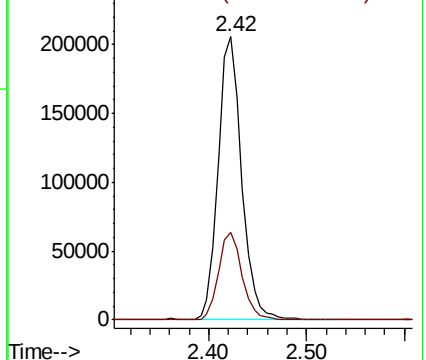
43 100

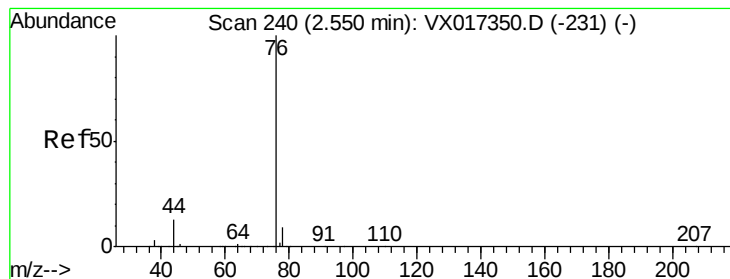
58 30.8 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.218 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

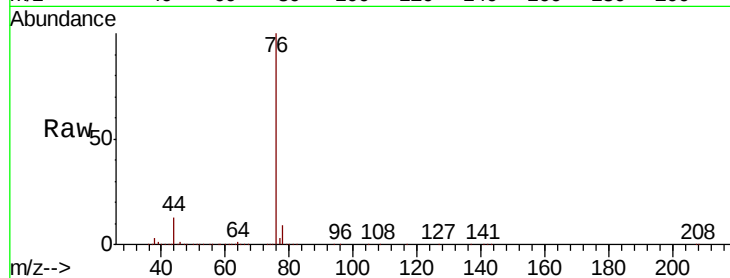
VSTDCCC050EC

Tot Ion: 76 Resp: 371212

Ion Ratio Lower Upper

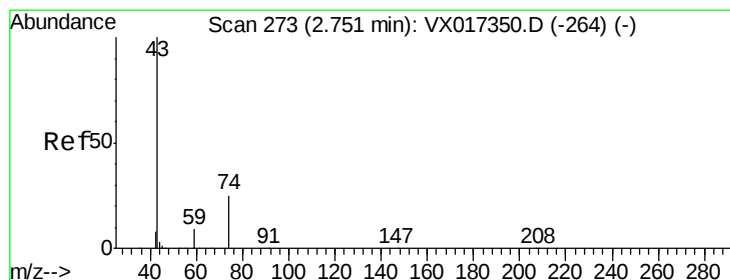
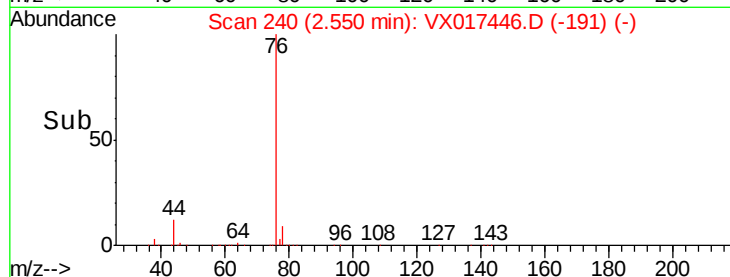
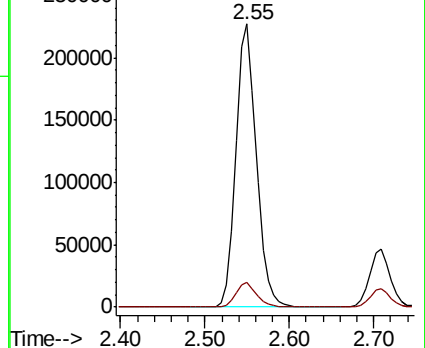
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.896 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017446.D

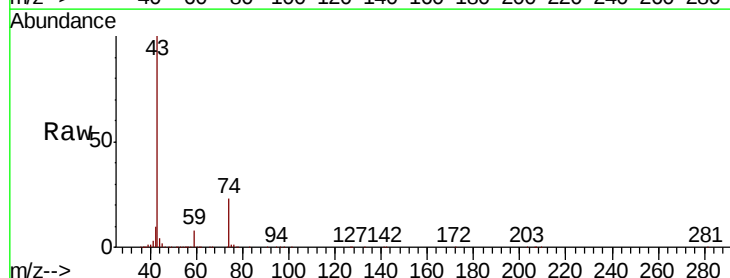
Acq: 20 Jul 2020 19:52

Tgt Ion: 43 Resp: 181911

Ion Ratio Lower Upper

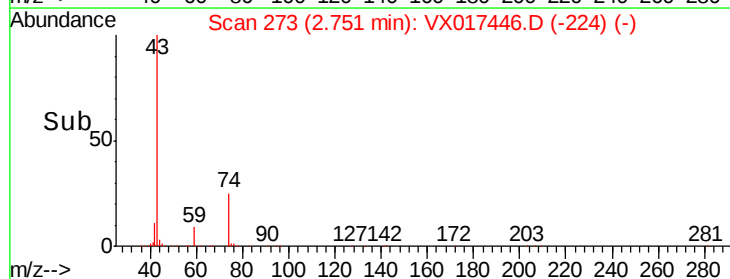
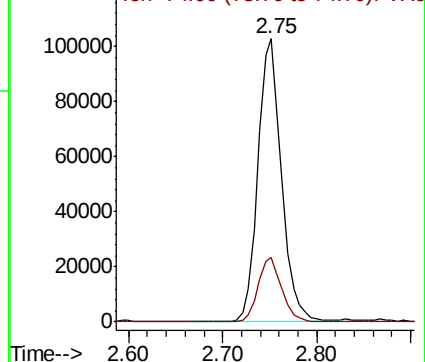
43 100

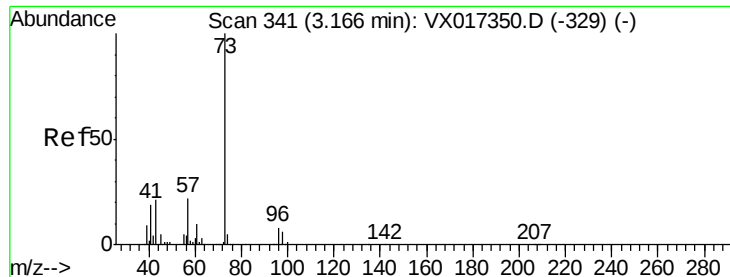
74 23.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



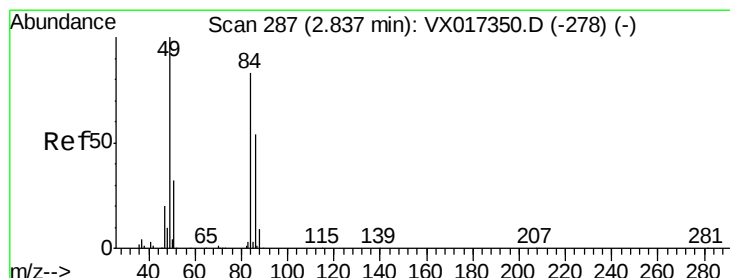
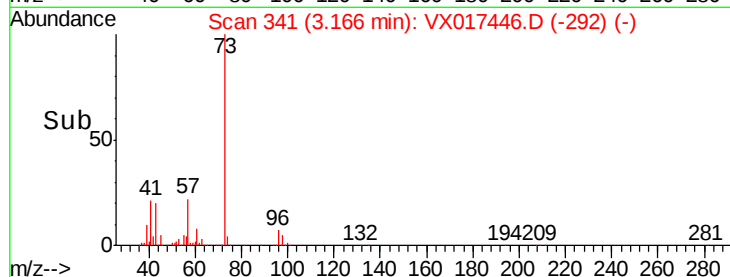
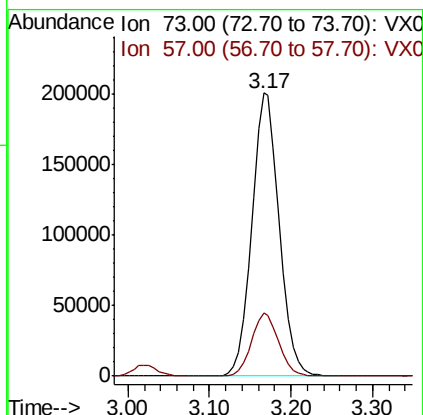
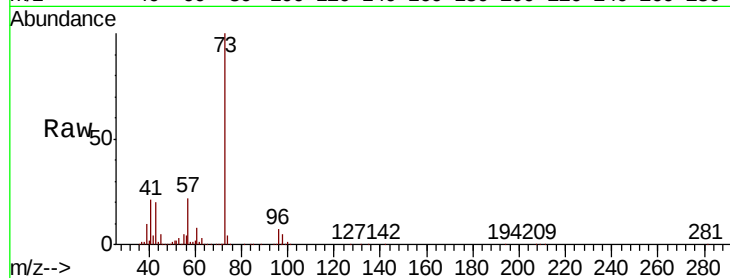


#19

Methyl tert-butyl Ether
 Concen: 53.477 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

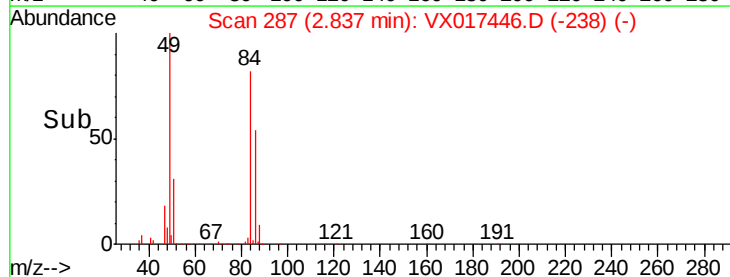
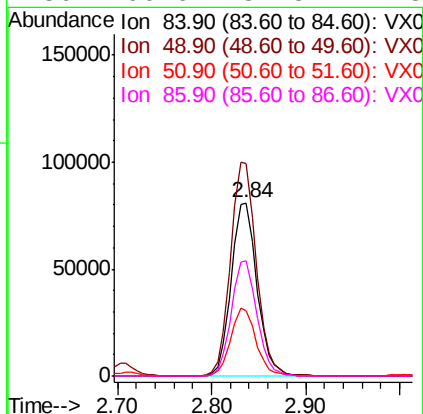
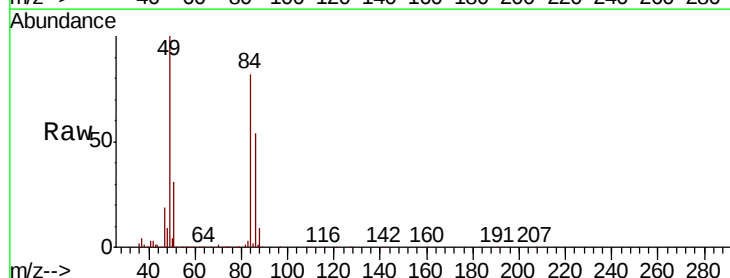
Tot Ion: 73 Resp: 469475
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.5 26.3

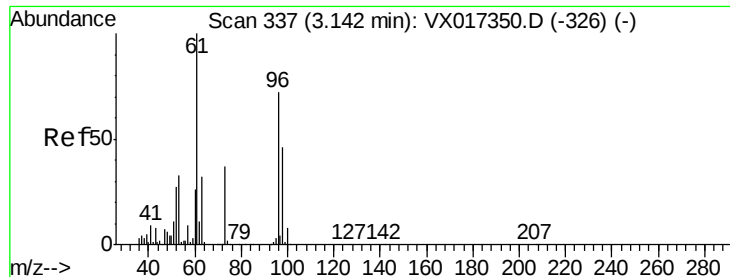


#20

Methylene Chloride
 Concen: 49.970 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

Tgt Ion: 84 Resp: 155096
 Ion Ratio Lower Upper
 84 100
 49 122.6 95.8 143.8
 51 37.7 31.0 46.4
 86 66.6 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 50.386 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

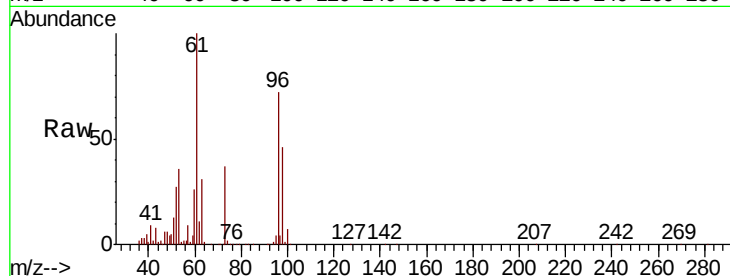
Tot Ion: 96 Resp: 149047

Ion Ratio Lower Upper

96 100

61 138.2 111.1 166.7

98 63.5 51.4 77.0

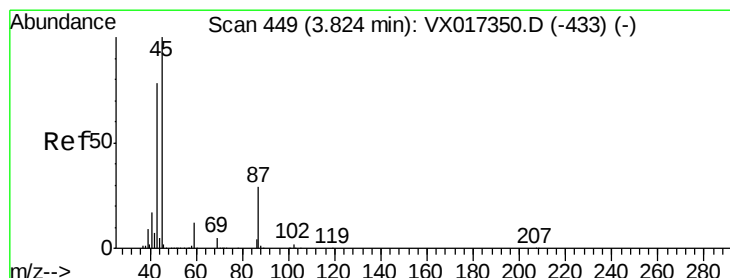
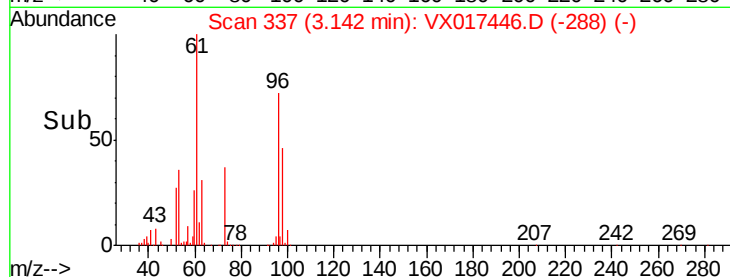
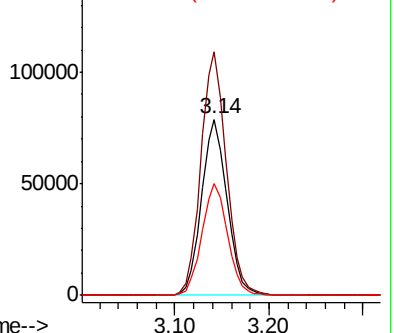


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.686 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Tgt Ion: 45 Resp: 475206

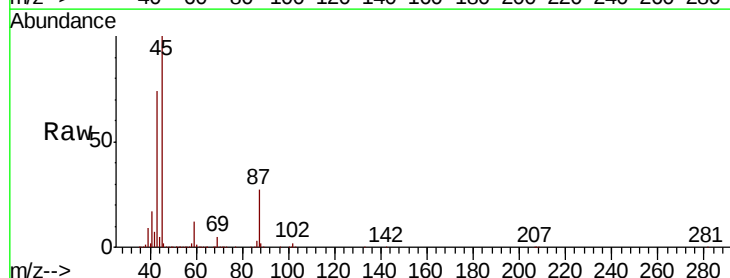
Ion Ratio Lower Upper

45 100

43 74.0 62.2 93.2

87 27.4 23.0 34.6

59 12.1 9.6 14.4



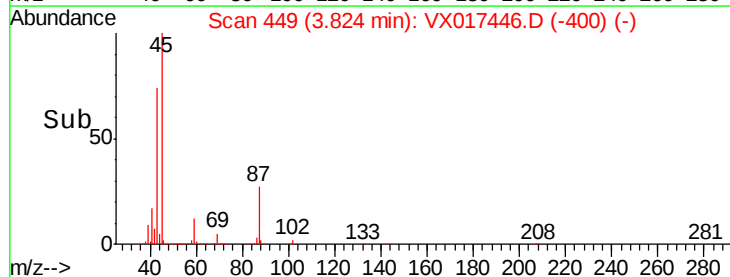
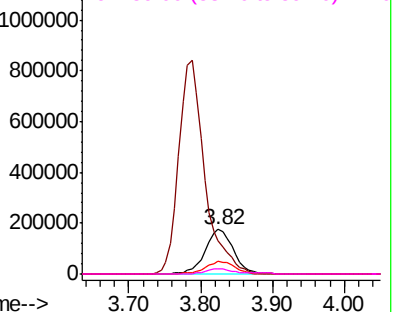
Abundance

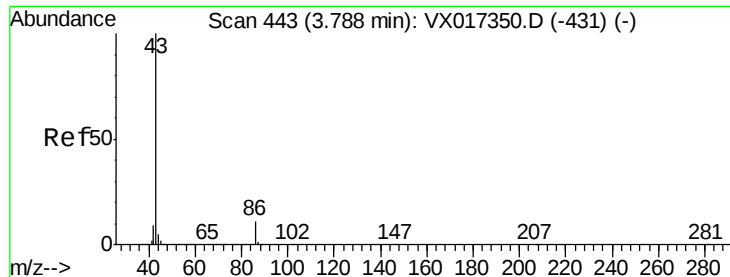
Ion 45.00 (44.70 to 45.70): VX0

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: 282.028 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

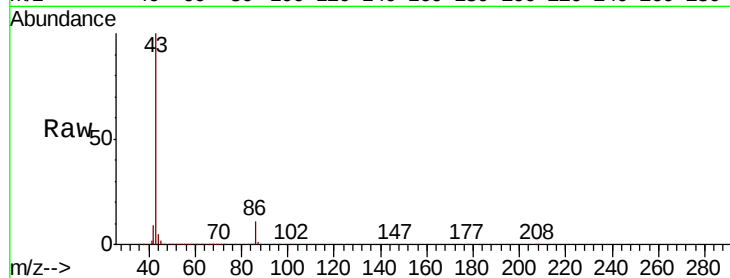
VSTDCCC050EC

Tot Ion: 43 Resp: 2116645

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

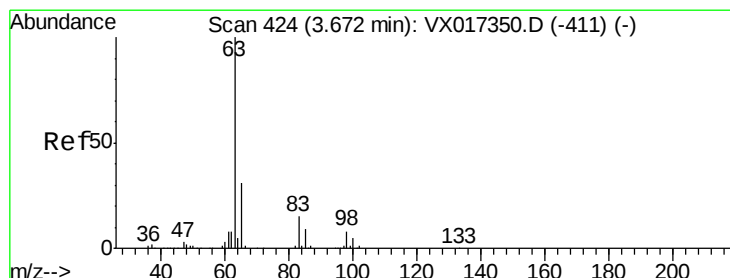
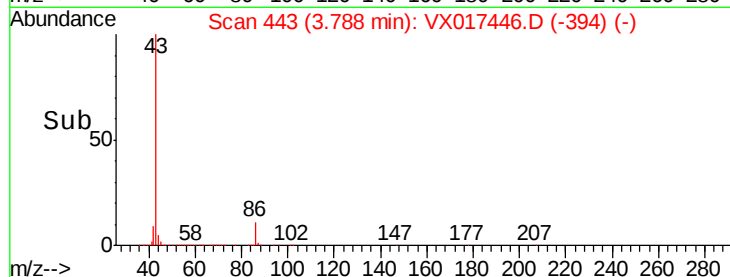
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 52.859 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

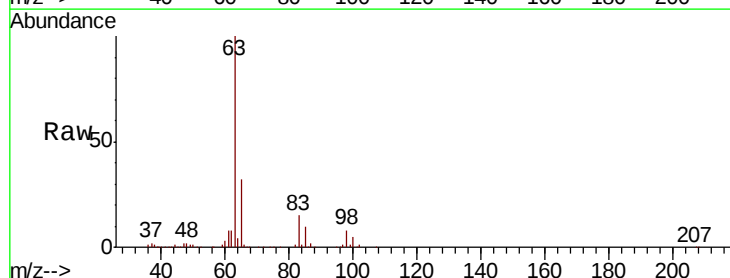
Tgt Ion: 63 Resp: 265099

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 5.3 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

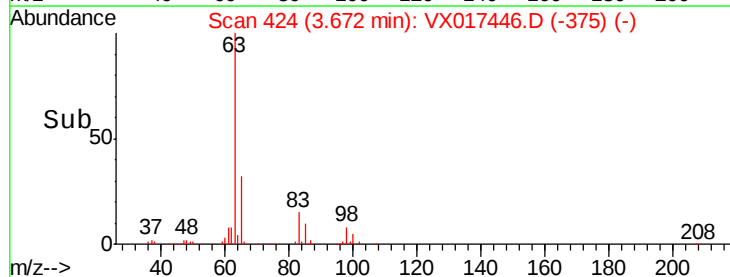
150000

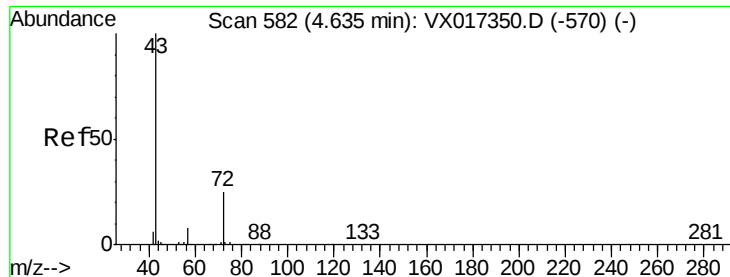
100000

50000

0

Time--> 3.60 3.70 3.80

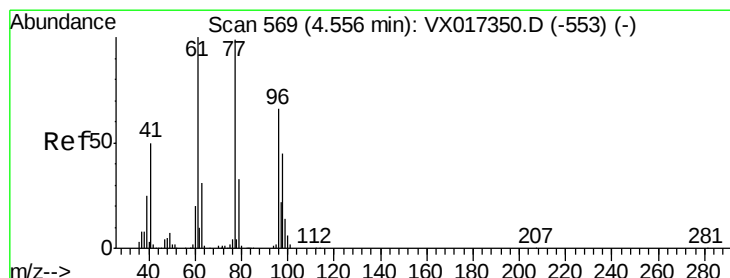
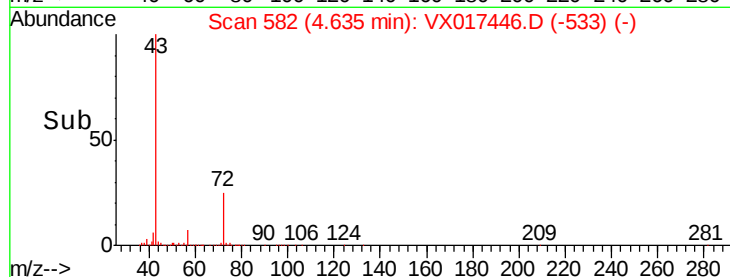
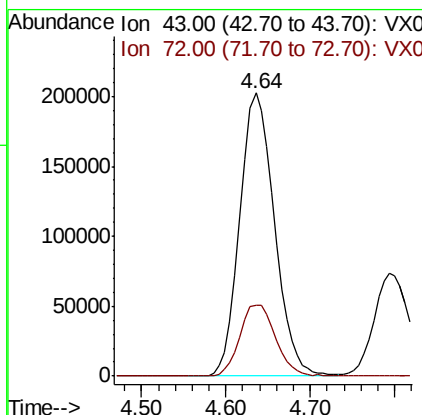
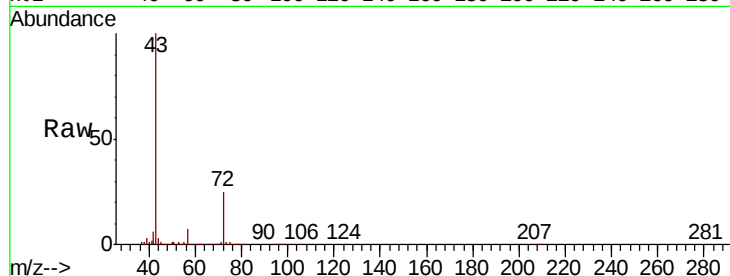




#25
2-Butanone
Concen: 278.522 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

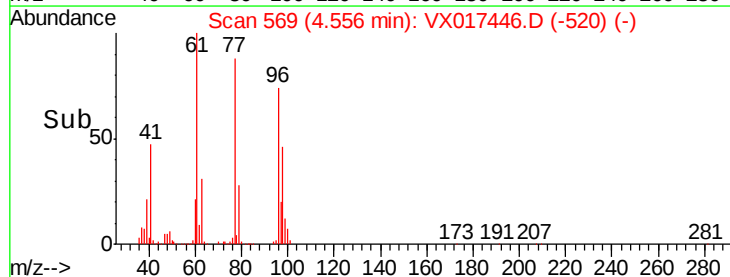
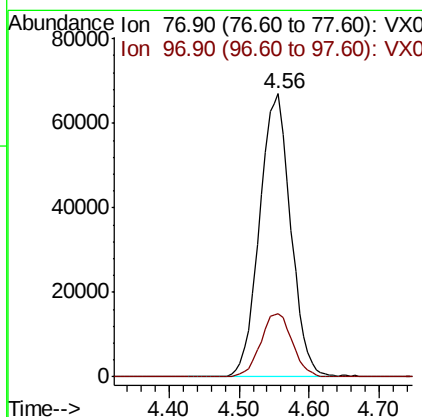
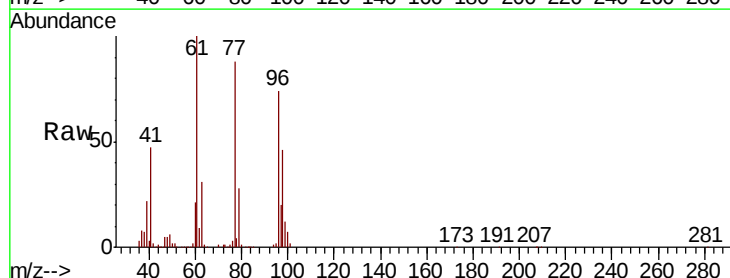
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

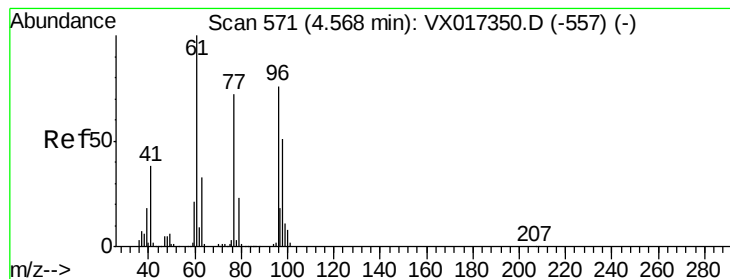
Tot Ion: 43 Resp: 562753
Ion Ratio Lower Upper
43 100
72 25.1 20.4 30.6



#26
2,2-Dichloropropane
Concen: 44.515 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 77 Resp: 207775
Ion Ratio Lower Upper
77 100
97 22.8 11.1 33.3



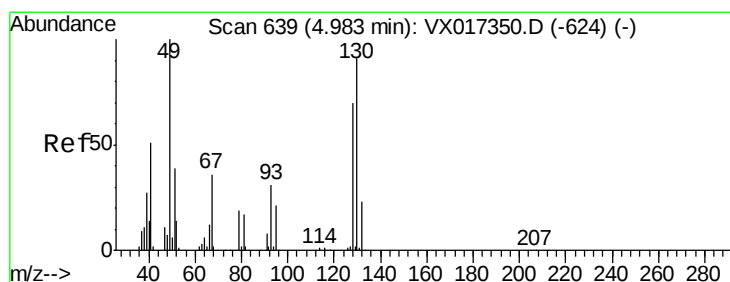
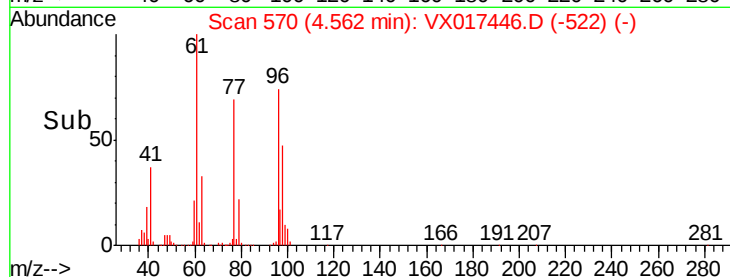
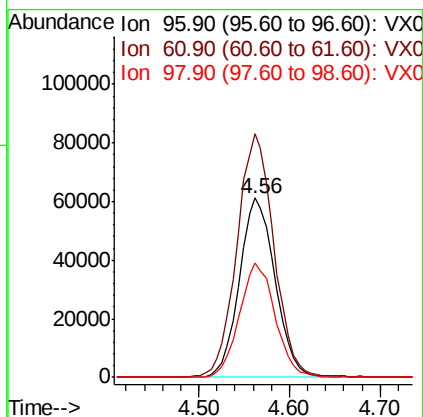
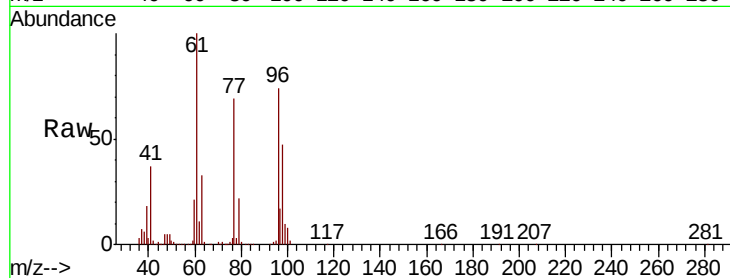


#27

cis-1,2-Dichloroethene
Concen: 51.586 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

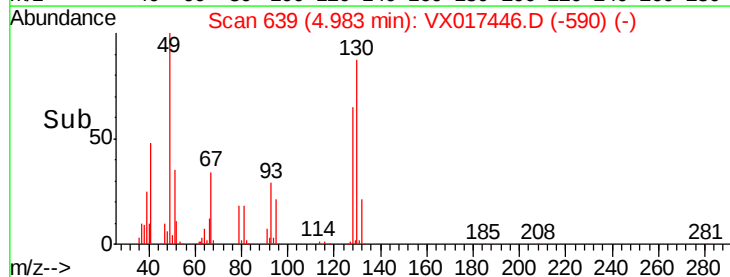
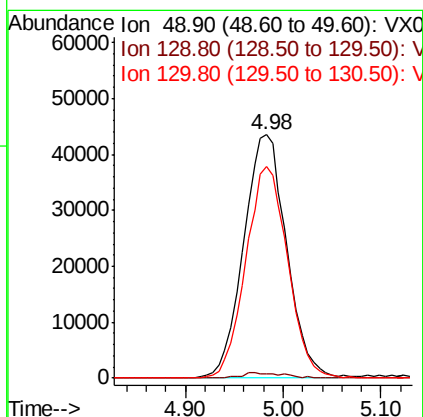
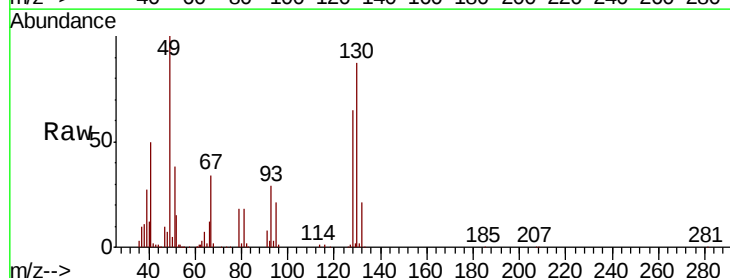
Tot Ion: 96 Resp: 167341
Ion Ratio Lower Upper
96 100
61 139.9 0.0 281.2
98 63.6 0.0 131.4

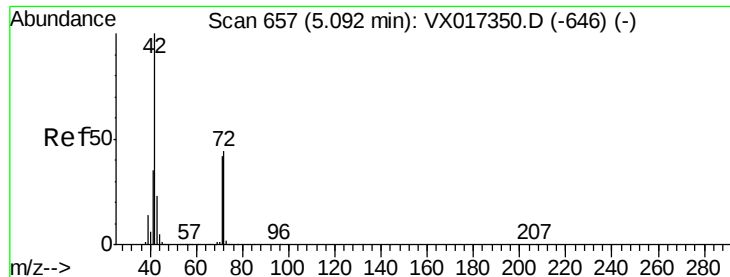


#28

Bromochloromethane
Concen: 57.228 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 49 Resp: 132588
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 84.9 71.1 106.7





#29

Tetrahydrofuran

Concen: 281.841 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

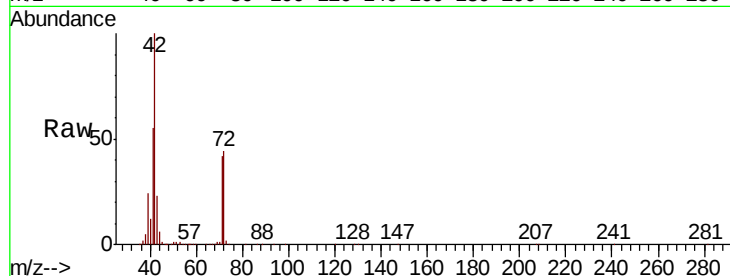
Tot Ion: 42 Resp: 368622

Ion Ratio Lower Upper

42 100

72 44.1 37.2 55.8

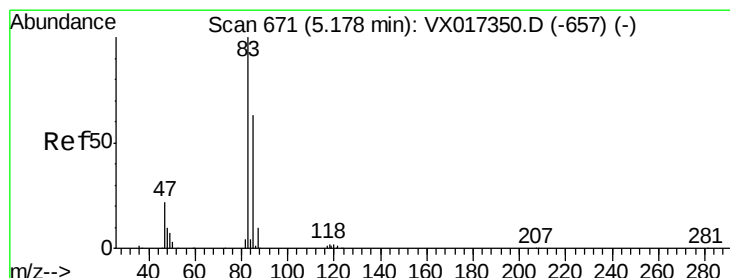
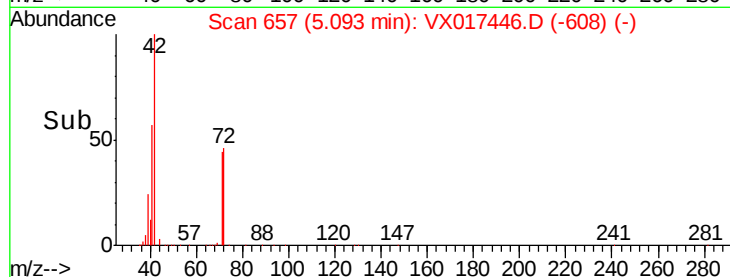
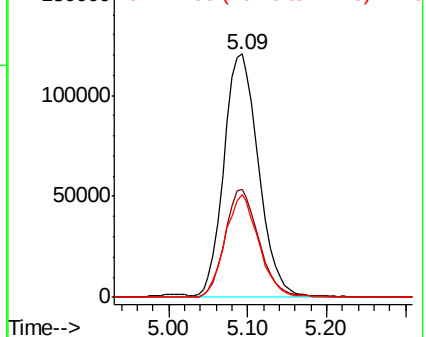
71 41.2 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.168 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017446.D

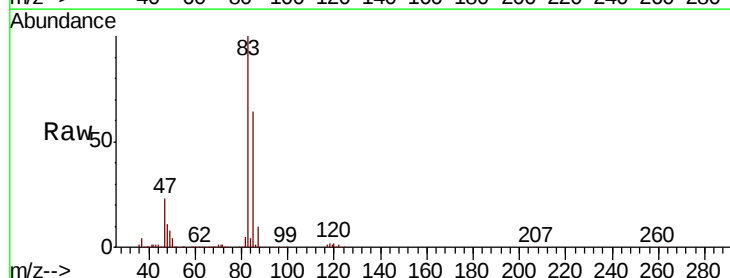
Acq: 20 Jul 2020 19:52

Tgt Ion: 83 Resp: 276095

Ion Ratio Lower Upper

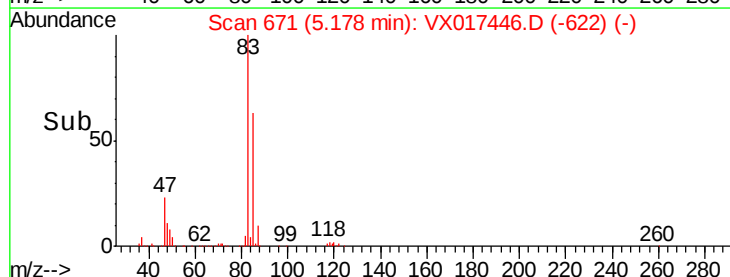
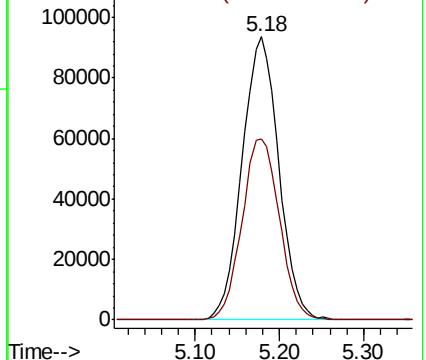
83 100

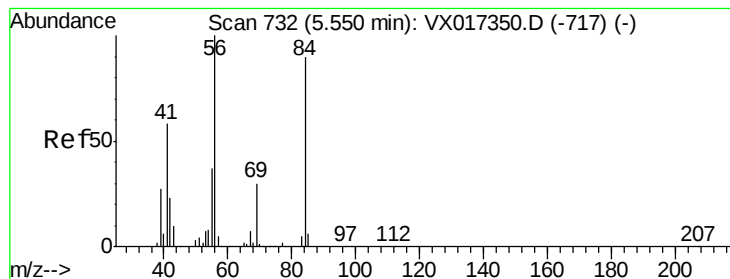
85 64.0 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.133 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

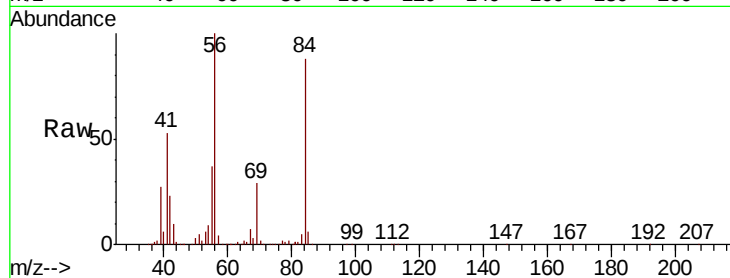
Tot Ion: 56 Resp: 218149

Ion Ratio Lower Upper

56 100

69 29.1 23.7 35.5

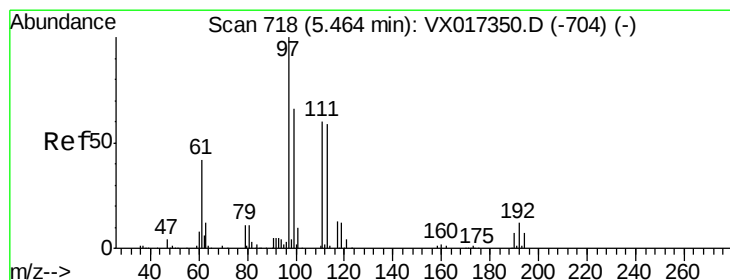
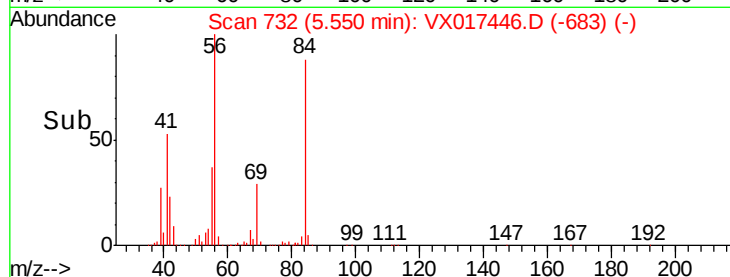
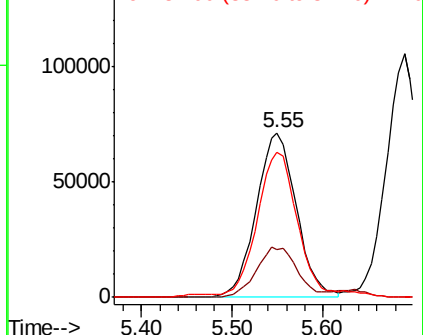
84 86.7 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.294 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

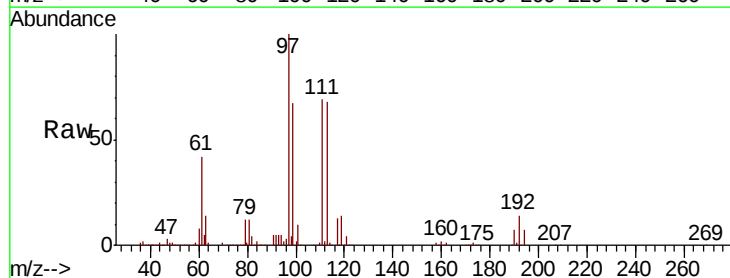
Tgt Ion: 97 Resp: 250876

Ion Ratio Lower Upper

97 100

99 65.2 51.2 76.8

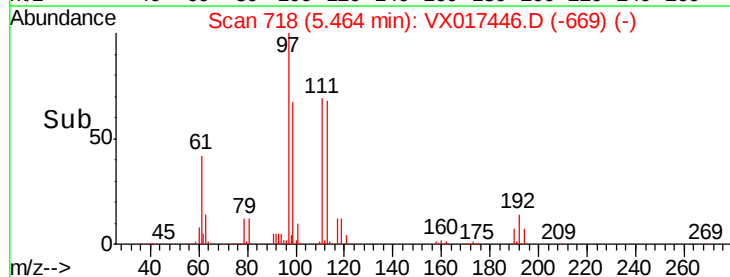
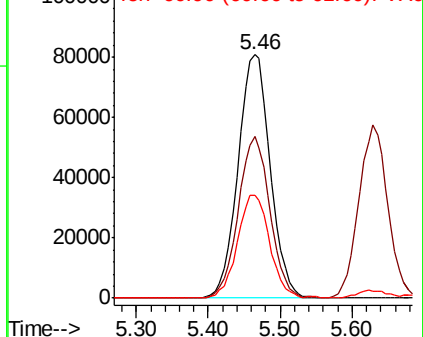
61 42.4 32.7 49.1

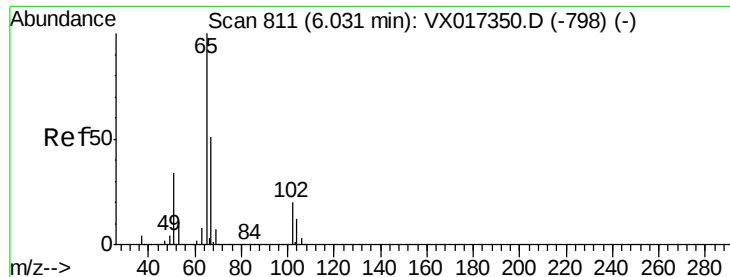


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.998 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

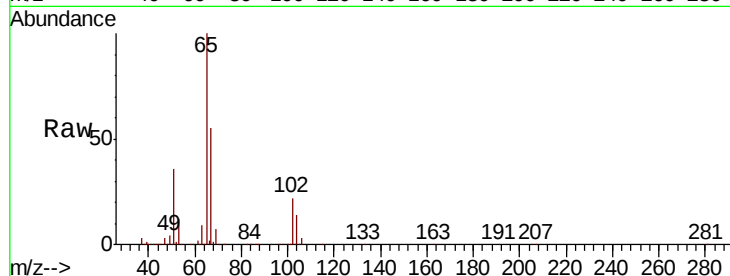
VSTDCCC050EC

Tot Ion: 65 Resp: 185414

Ion Ratio Lower Upper

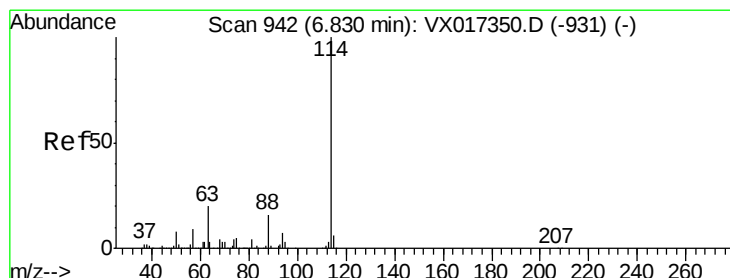
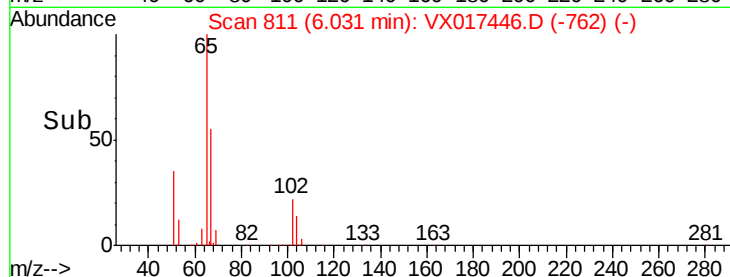
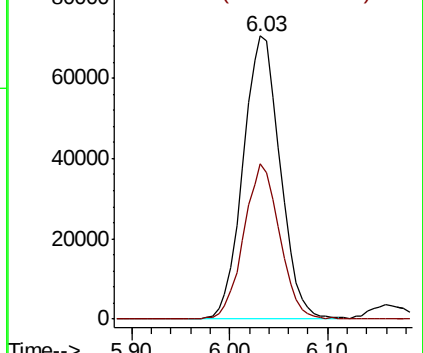
65 100

67 53.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

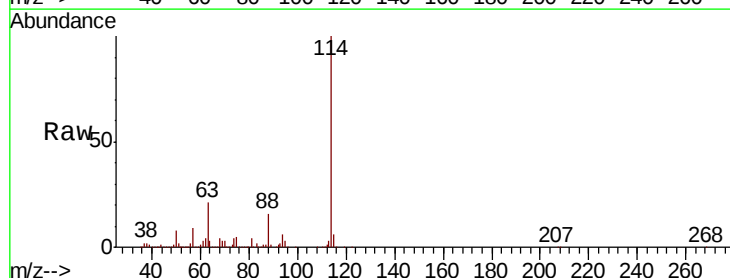
Tgt Ion: 114 Resp: 450719

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

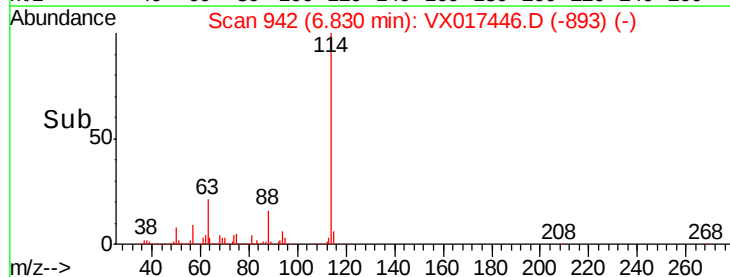
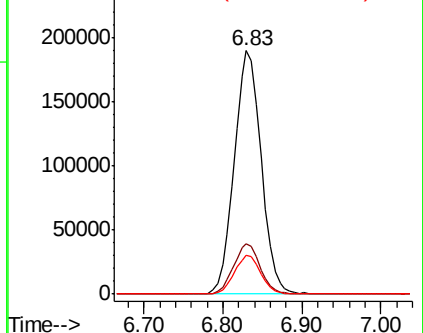
88 15.7 0.0 32.8

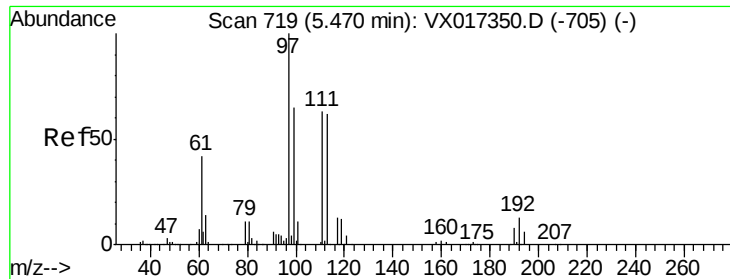


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.257 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

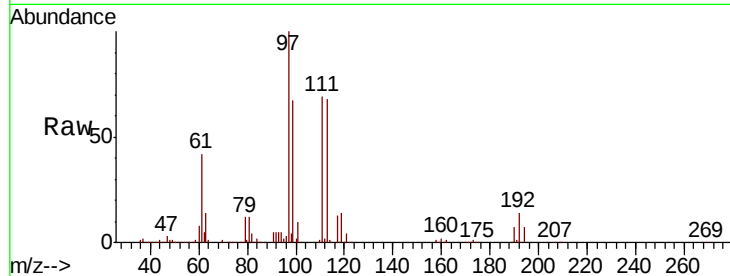
Tot Ion:113 Resp: 152587

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

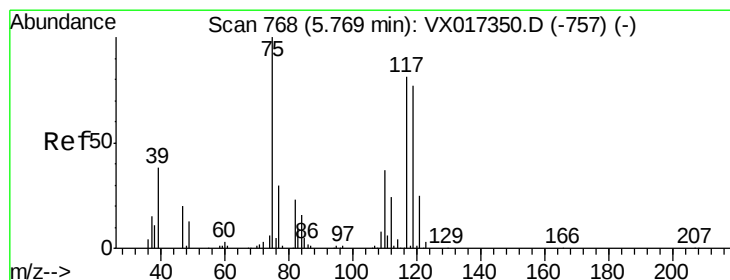
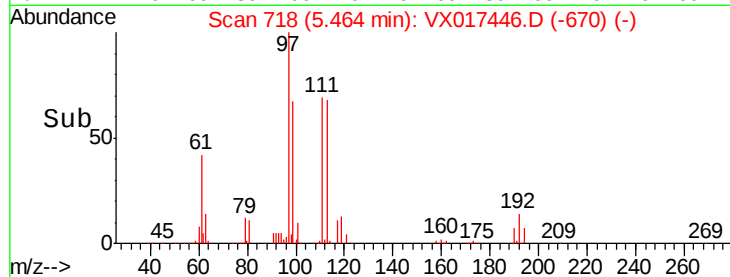
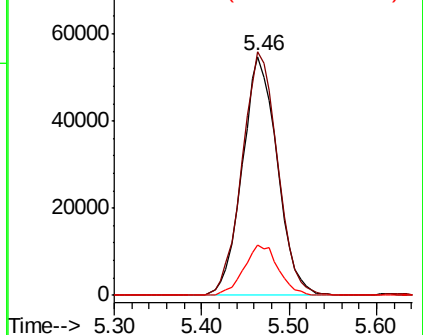
192 20.8 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.934 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

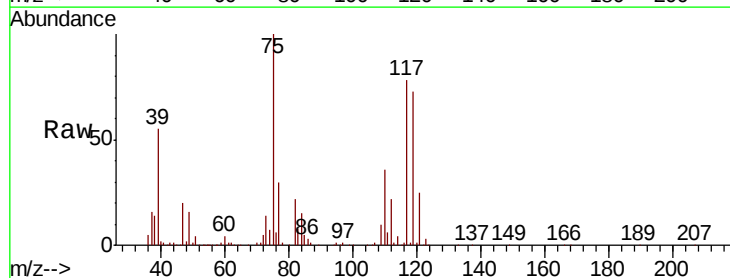
Tgt Ion: 75 Resp: 198726

Ion Ratio Lower Upper

75 100

110 36.9 18.6 55.8

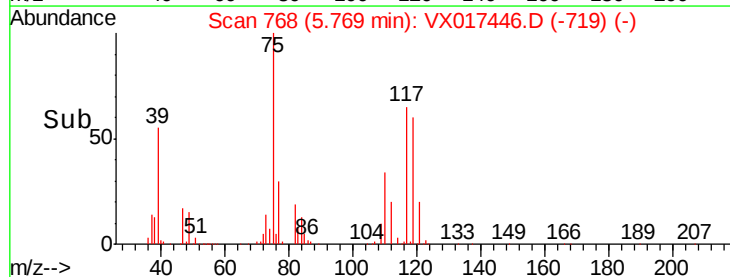
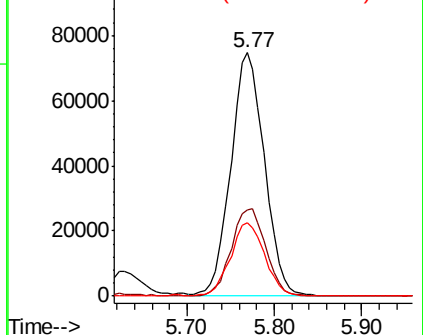
77 30.7 24.9 37.3

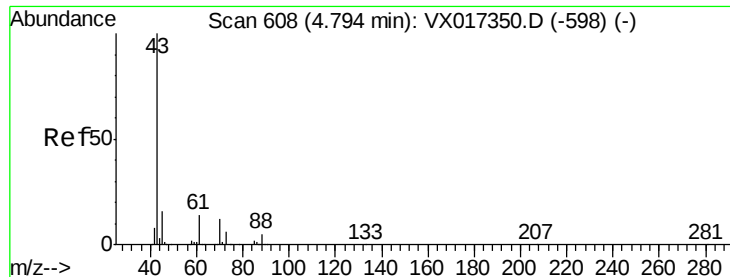


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

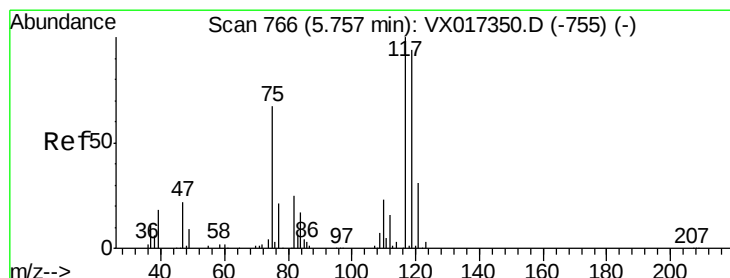
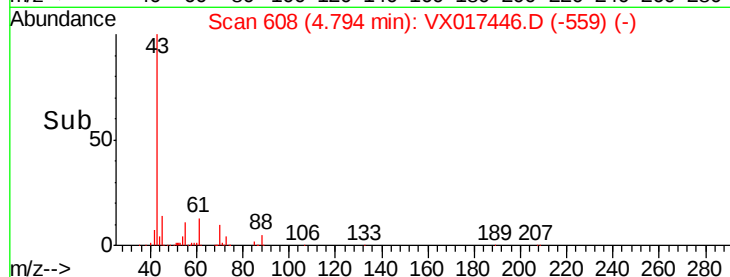
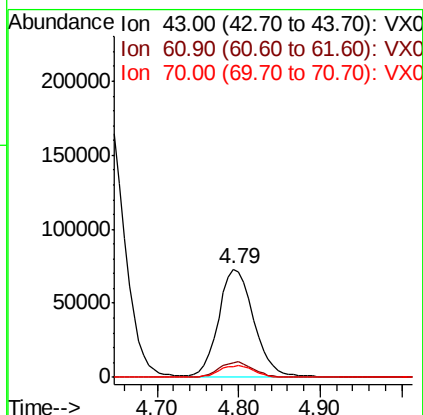
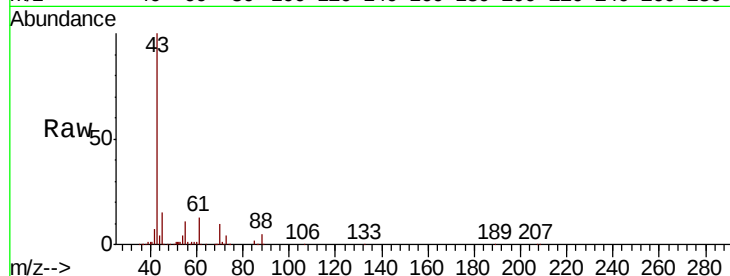




#37
Ethyl Acetate
Concen: 50.764 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

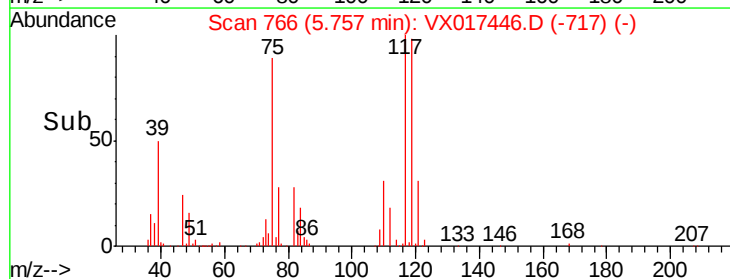
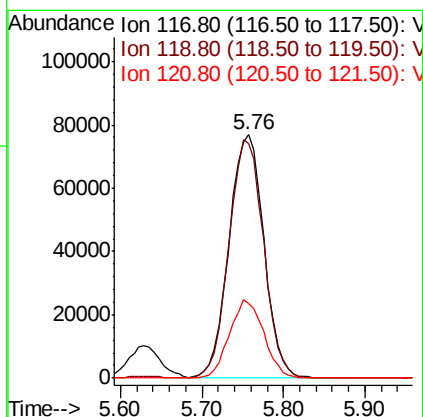
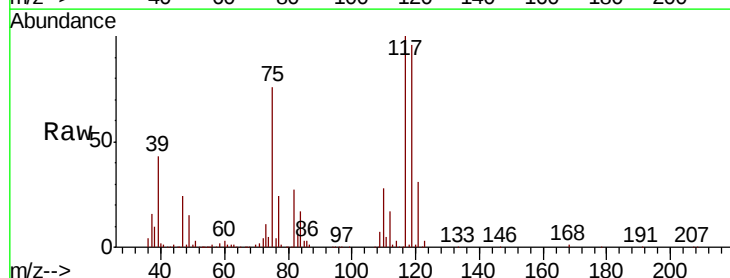
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

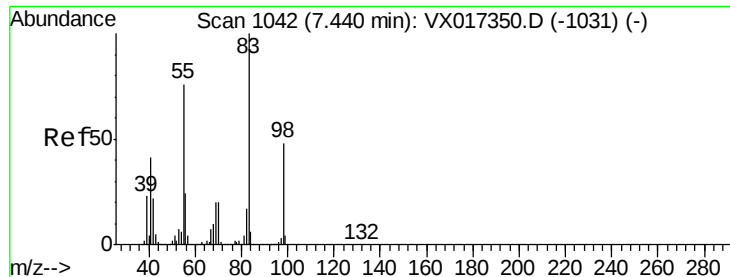
Tot Ion: 43 Resp: 217648
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 46.905 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 117 Resp: 227674
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
121 30.5 24.5 36.7

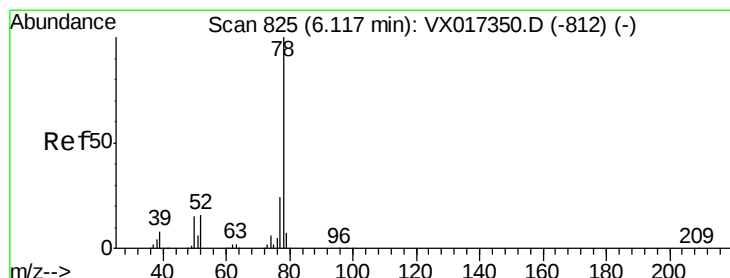
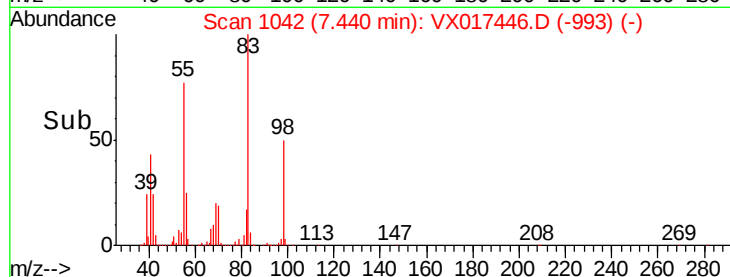
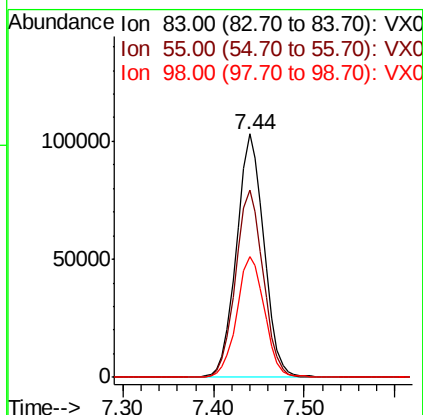
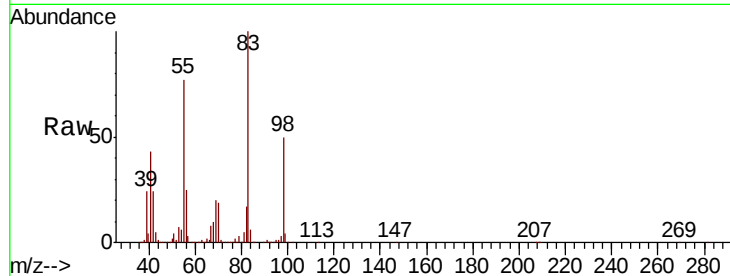




#39
Methvlcvclohexane
Concen: 48.009 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

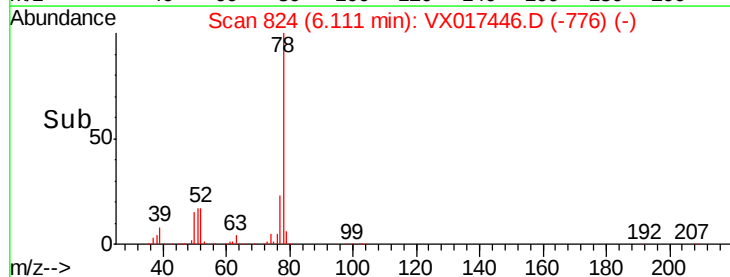
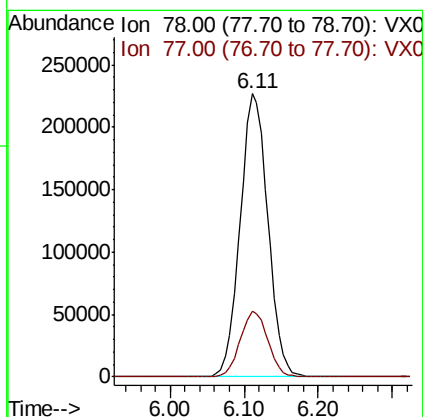
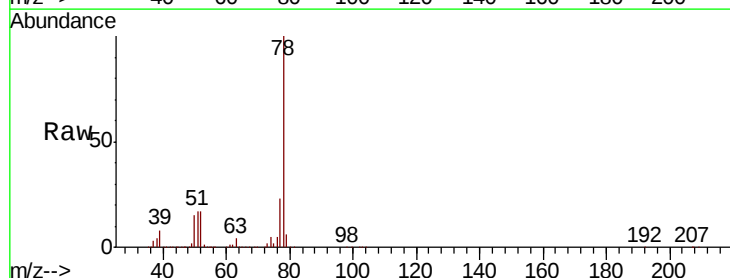
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

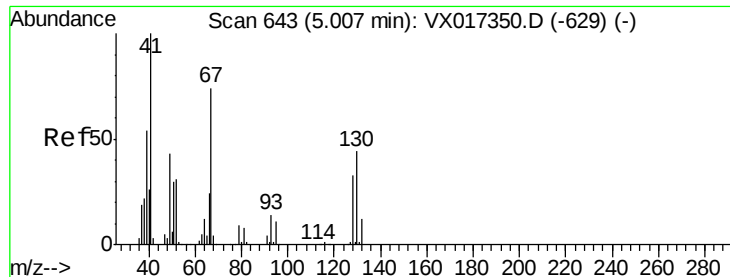
Tot Ion: 83 Resp: 216142
Ion Ratio Lower Upper
83 100
55 76.8 61.2 91.8
98 49.7 38.1 57.1



#40
Benzene
Concen: 49.937 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 78 Resp: 594970
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

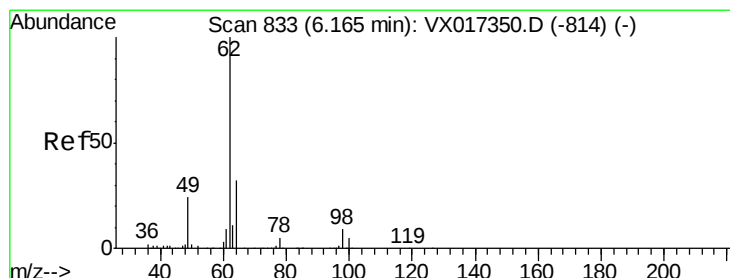
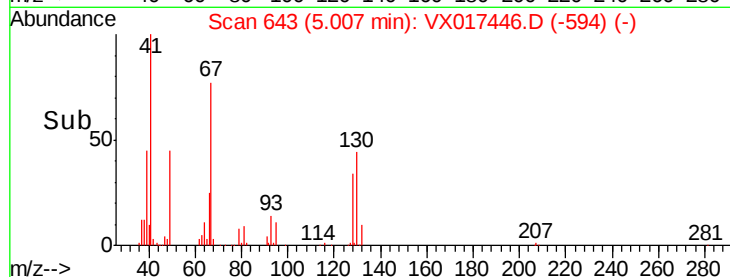
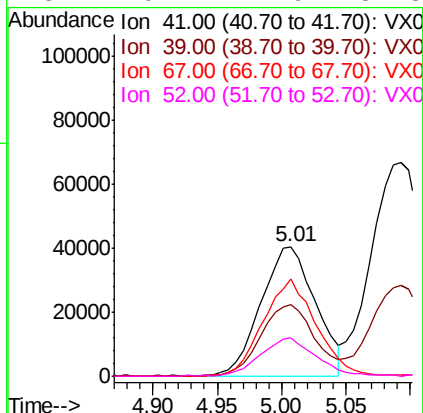
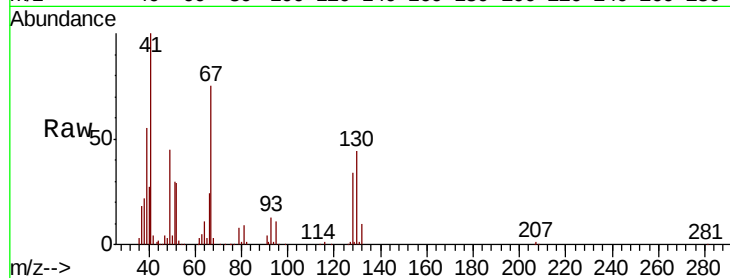




#41
Methacrylonitrile
Concen: 51.614 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

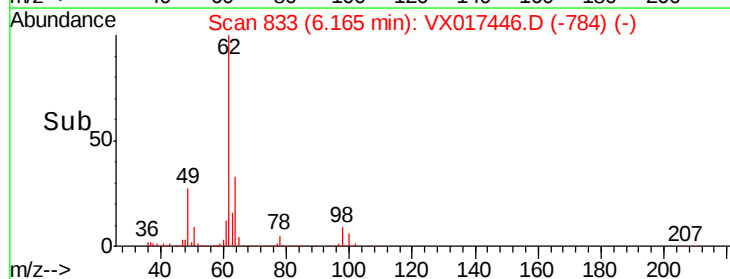
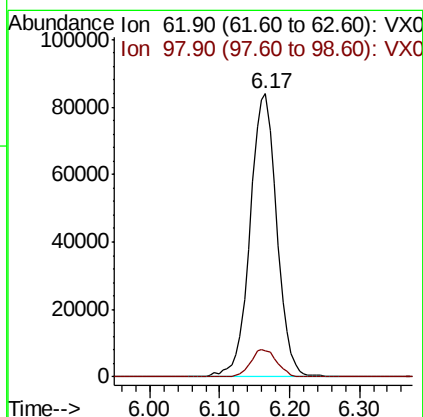
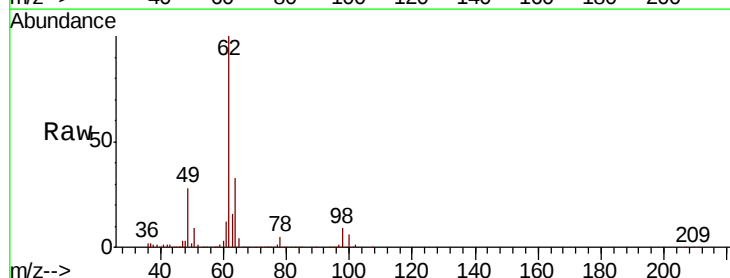
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

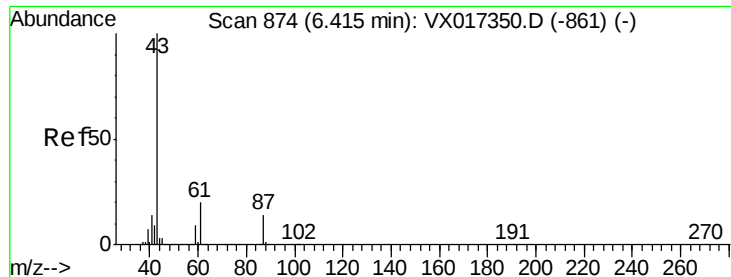
Tot Ion:	41	Resp:	118800
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.8	65.8
67	73.5	58.7	88.1
52	29.7	24.9	37.3



#42
1,2-Dichloroethane
Concen: 47.992 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion:	62	Resp:	222160
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4





#43

Isopropyl Acetate

Concen: 51.659 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

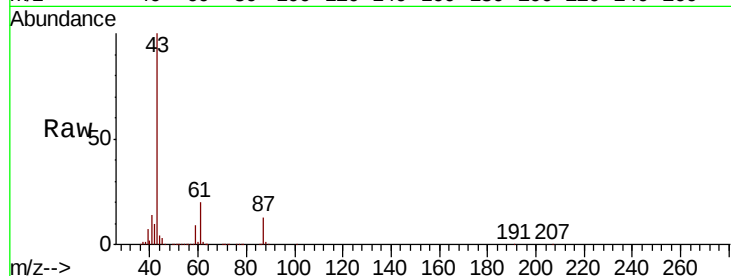
Tot Ion: 43 Resp: 353913

Ion Ratio Lower Upper

43 100

61 20.2 16.4 24.6

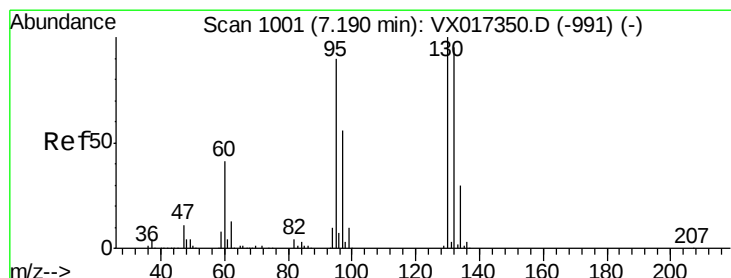
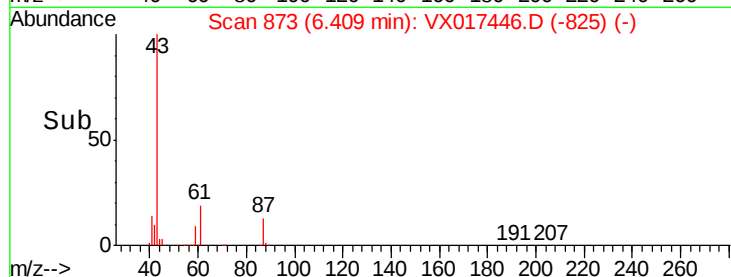
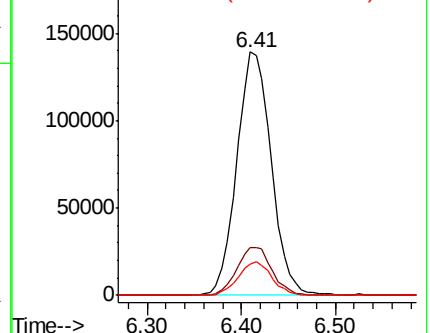
87 13.4 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.468 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017446.D

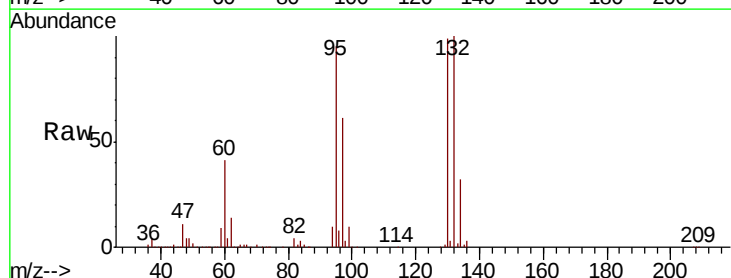
Acq: 20 Jul 2020 19:52

Tgt Ion:130 Resp: 165474

Ion Ratio Lower Upper

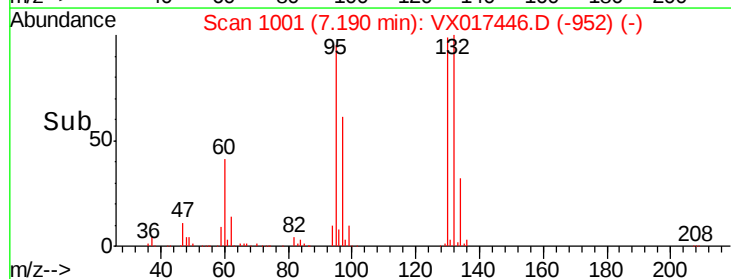
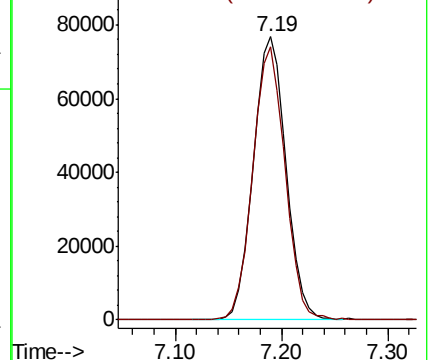
130 100

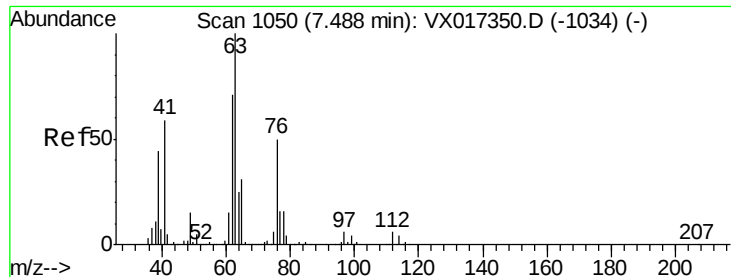
95 96.4 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.222 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

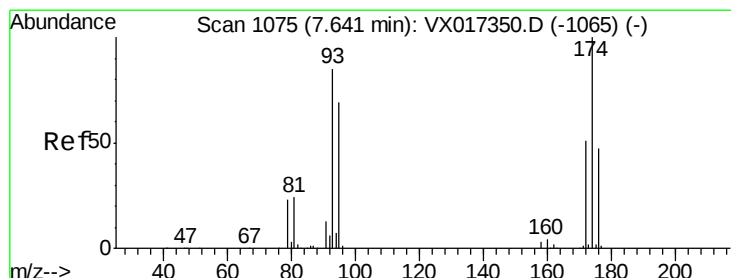
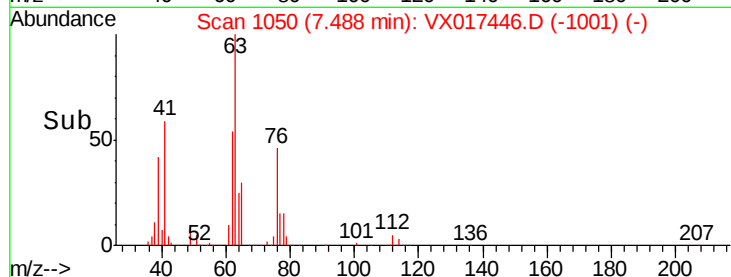
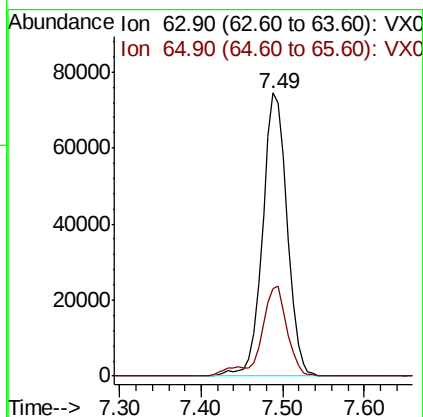
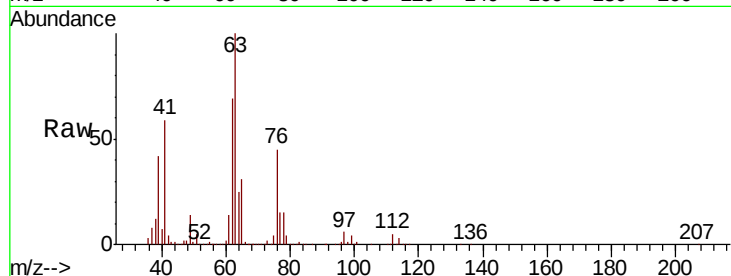
VSTDCCC050EC

Tot Ion: 63 Resp: 156156

Ion Ratio Lower Upper

63 100

65 31.1 24.5 36.7



#46

Dibromomethane

Concen: 49.416 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

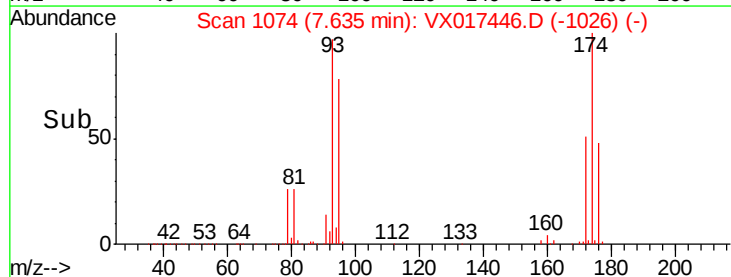
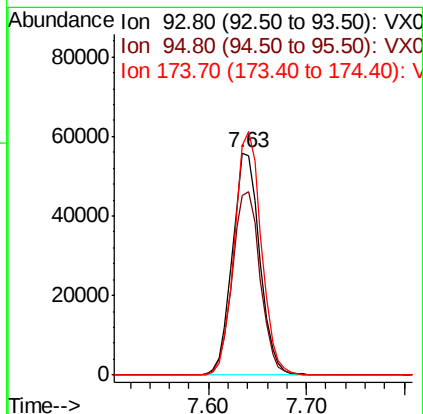
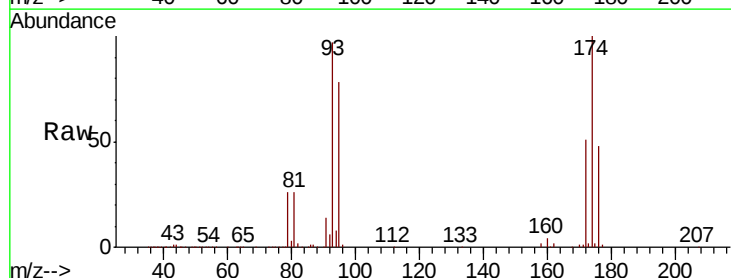
Tgt Ion: 93 Resp: 108651

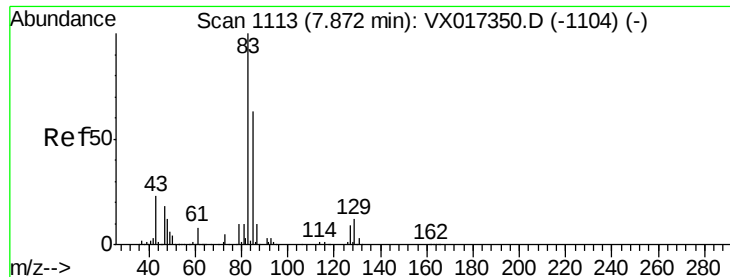
Ion Ratio Lower Upper

93 100

95 84.1 65.4 98.2

174 108.0 91.2 136.8





#47

Bromodichloromethane

Concen: 49.281 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

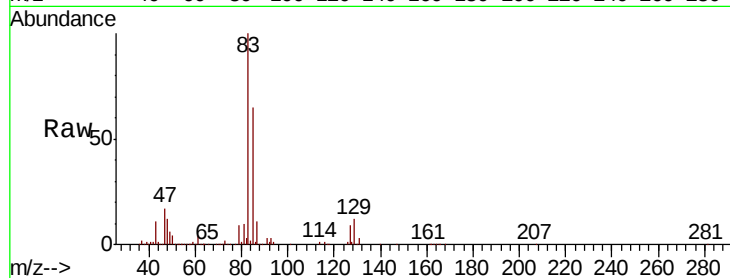
Tot Ion: 83 Resp: 226531

Ion Ratio Lower Upper

83 100

85 65.1 50.2 75.4

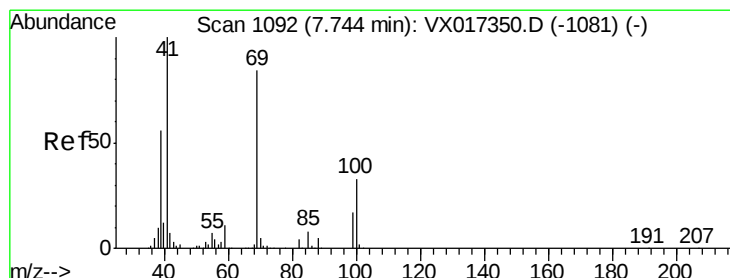
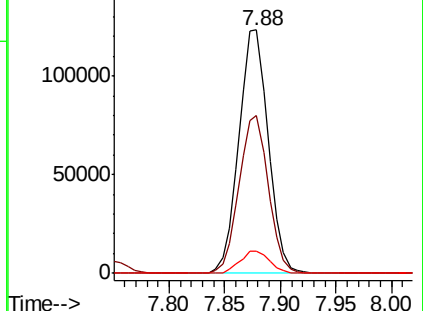
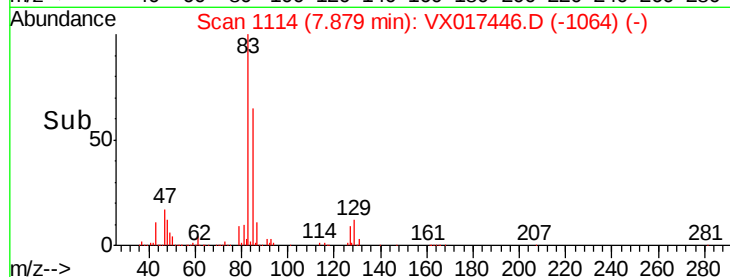
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.500 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

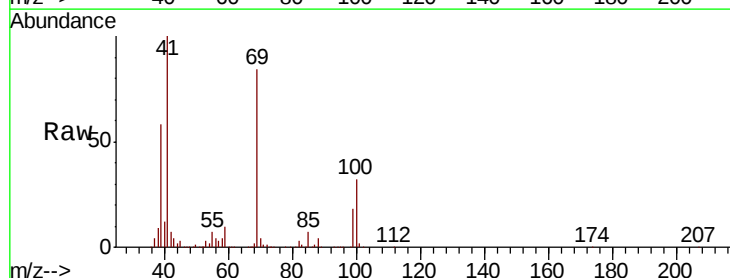
Tgt Ion: 41 Resp: 175885

Ion Ratio Lower Upper

41 100

69 84.1 67.8 101.6

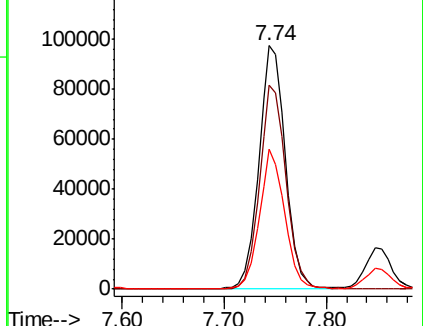
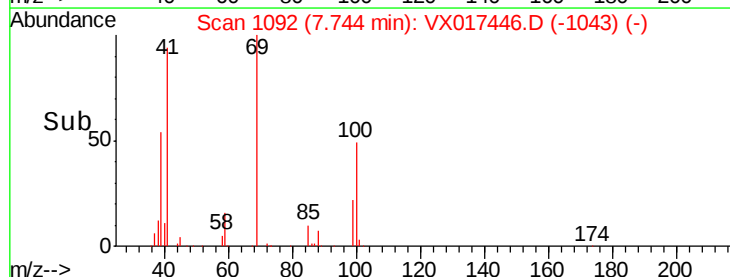
39 54.8 45.1 67.7

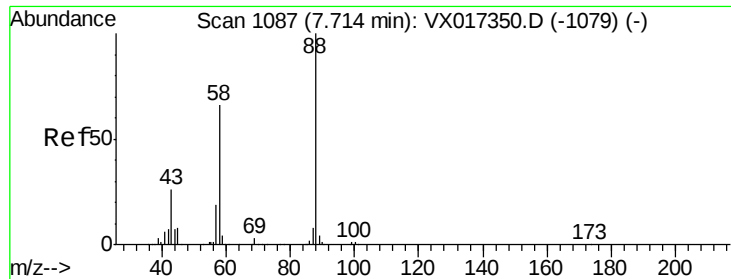


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

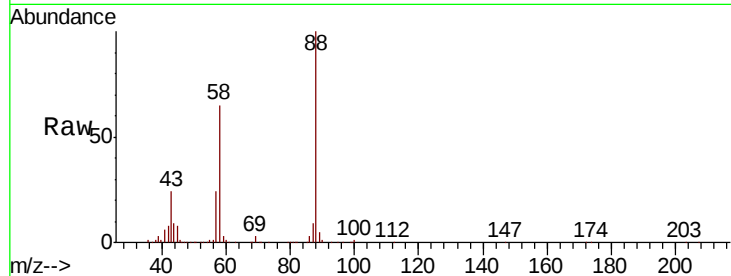




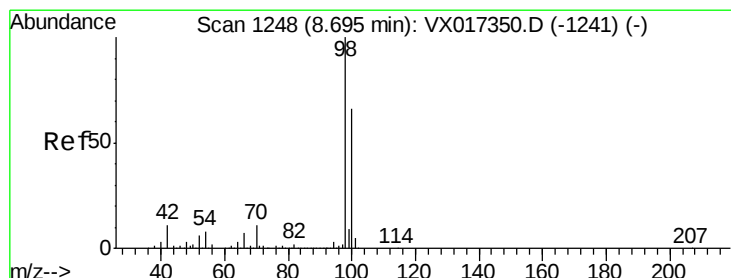
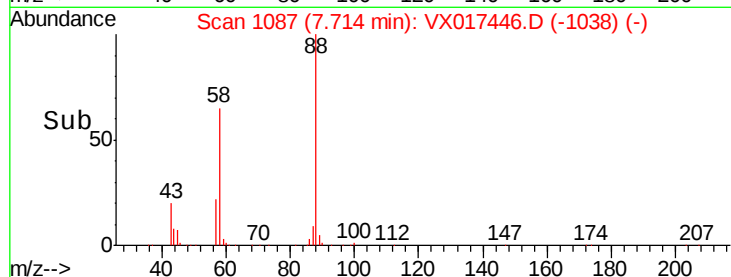
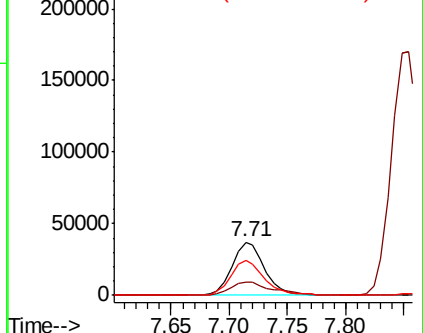
#49
1,4-Dioxane
Concen: 1063.051 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 71520
Ion Ratio Lower Upper
88 100
43 31.0 25.6 38.4
58 70.3 53.9 80.9

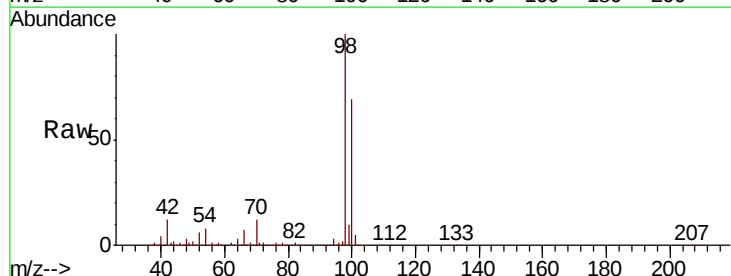


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

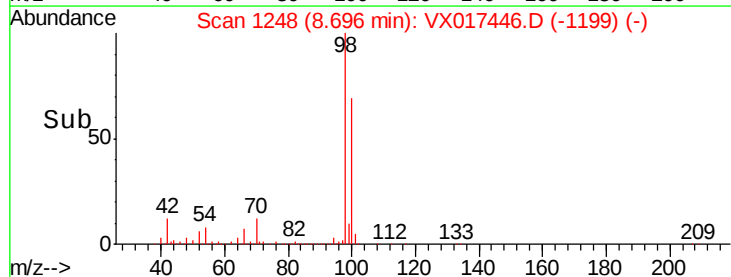
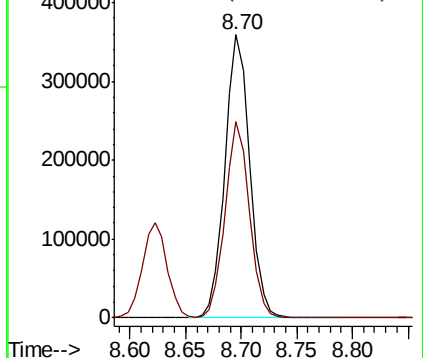


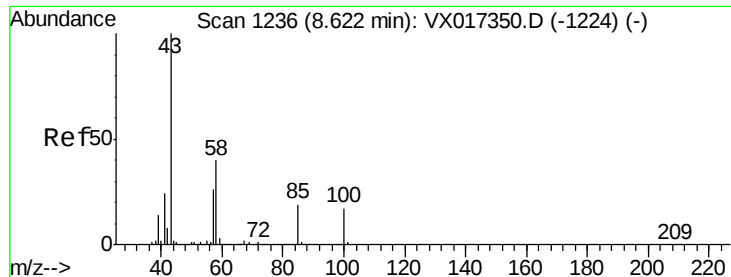
#50
Toluene-d8
Concen: 50.406 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 98 Resp: 552034
Ion Ratio Lower Upper
98 100
100 68.3 53.4 80.2



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

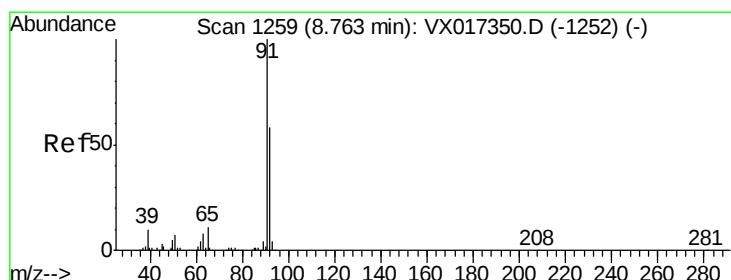
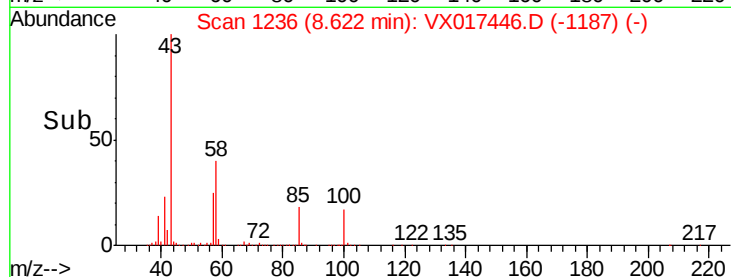
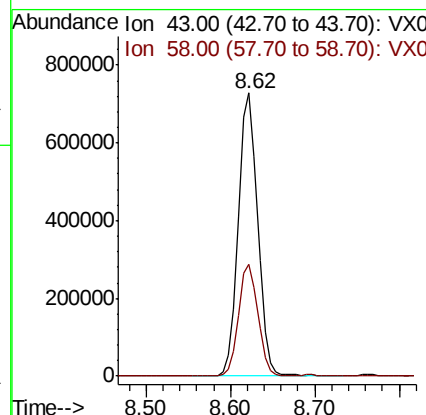
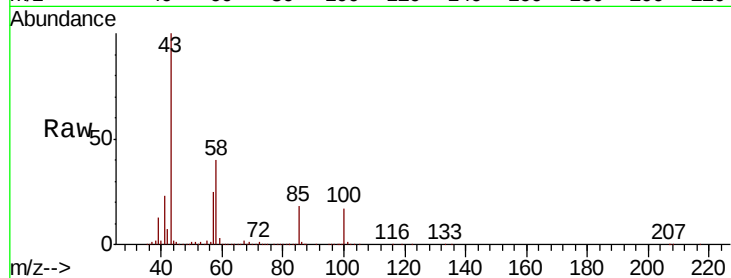




#51
 4-Methyl-2-Pentanone
 Concen: 270.578 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

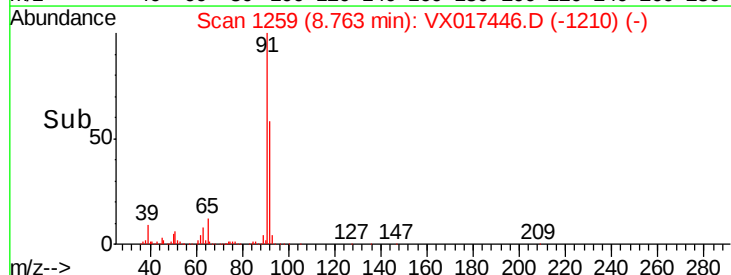
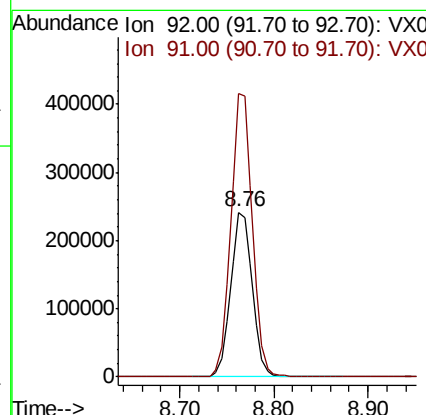
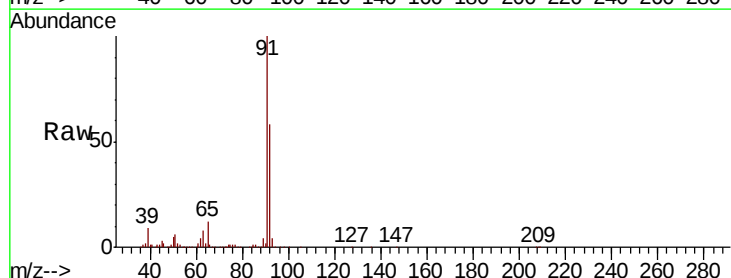
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

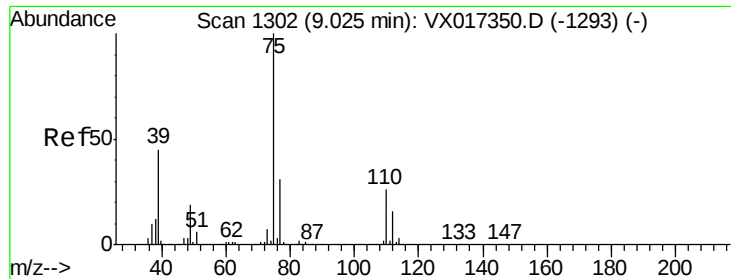
Tot Ion: 43 Resp: 1130301
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.2 48.2



#52
 Toluene
 Concen: 49.915 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

Tgt Ion: 92 Resp: 381642
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.7 205.1

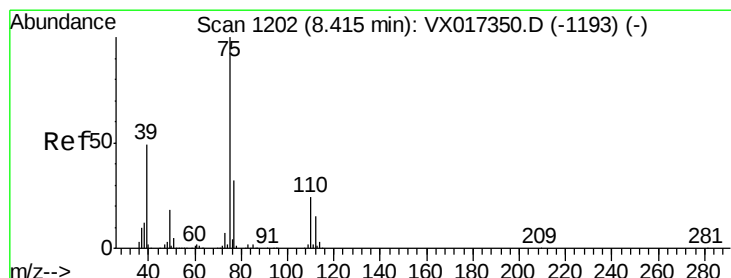
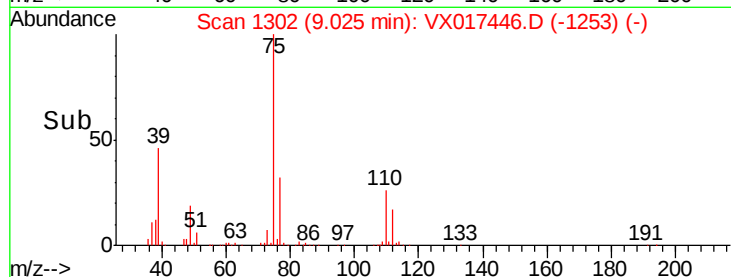
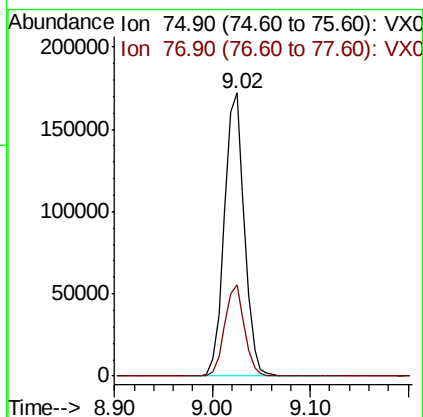
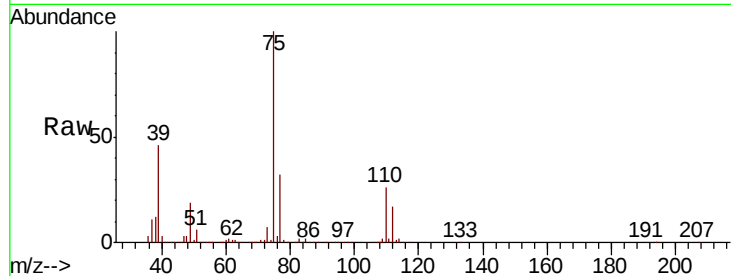




#53
t-1,3-Dichloropropene
Concen: 49.359 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

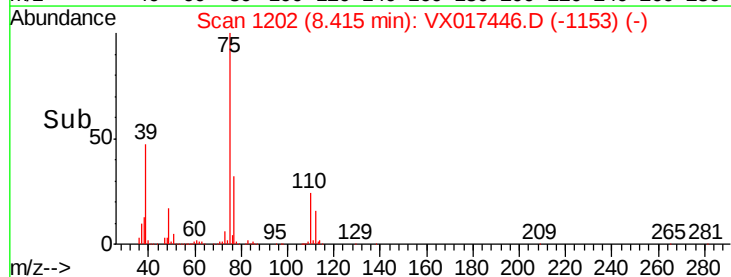
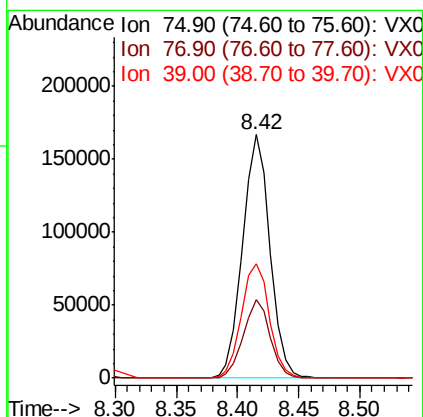
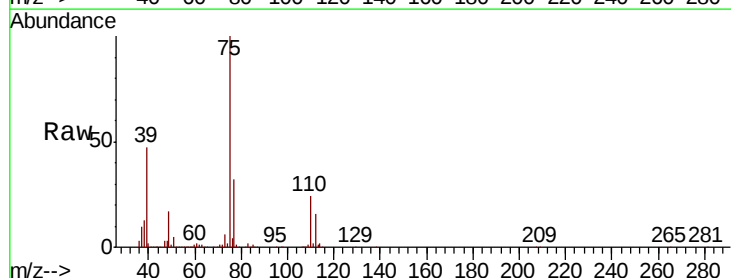
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

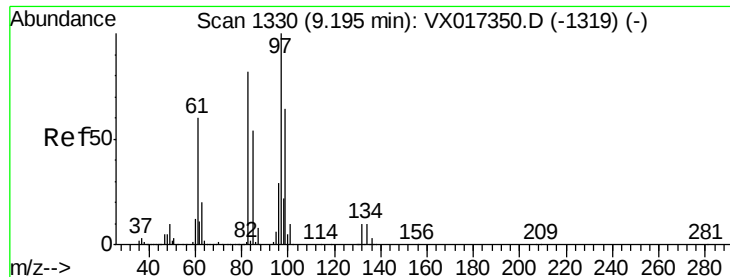
Tot Ion: 75 Resp: 244432
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.969 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 75 Resp: 258645
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 47.1 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 50.752 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 161810

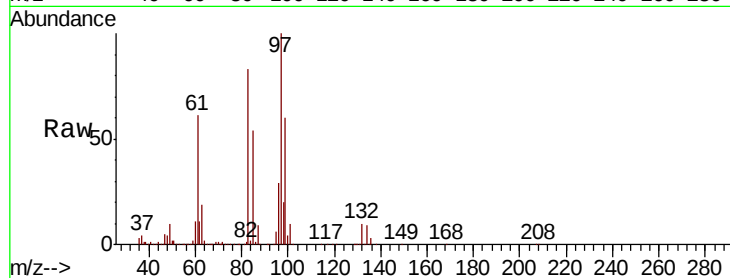
Ion Ratio Lower Upper

97 100

83 82.7 65.8 98.6

85 53.9 42.8 64.2

99 59.8 51.2 76.8

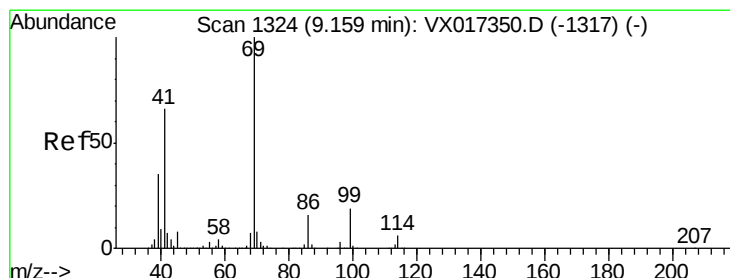
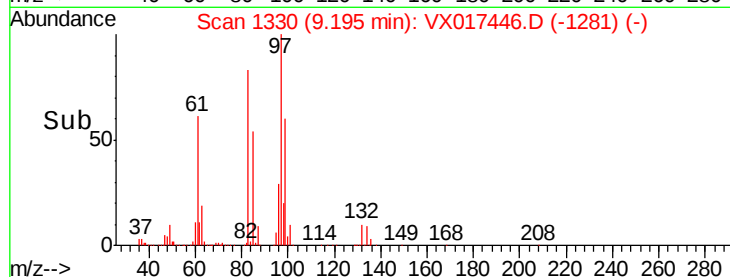
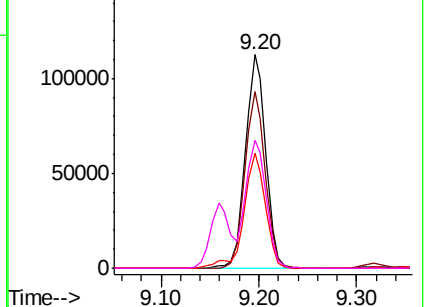


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.535 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

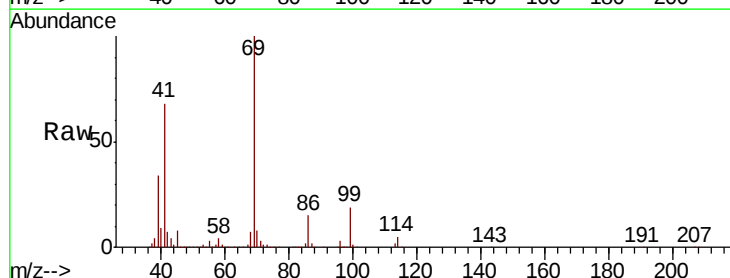
Tgt Ion: 69 Resp: 242325

Ion Ratio Lower Upper

69 100

41 66.5 52.6 78.8

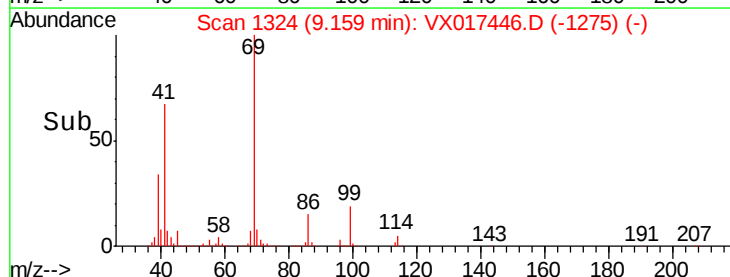
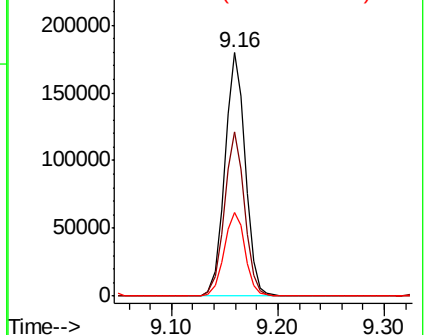
39 35.3 28.8 43.2

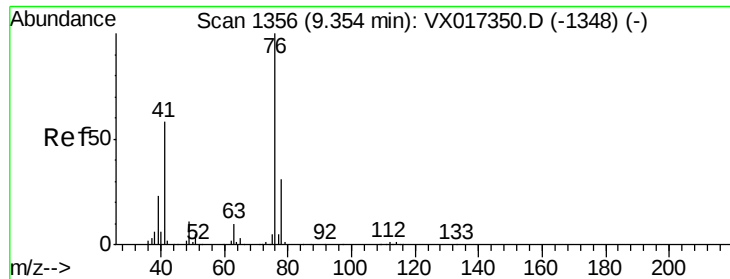


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.820 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

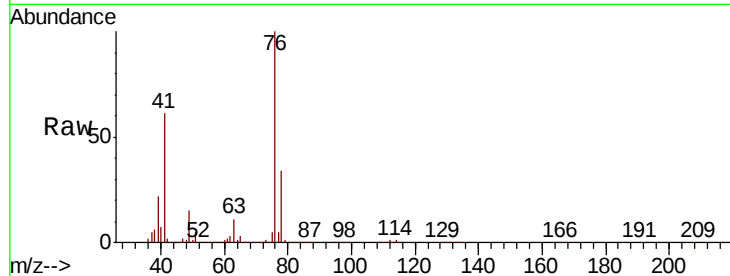
VSTDCCC050EC

Tot Ion: 76 Resp: 264217

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

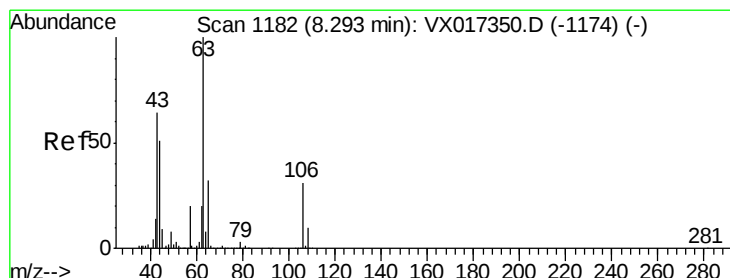
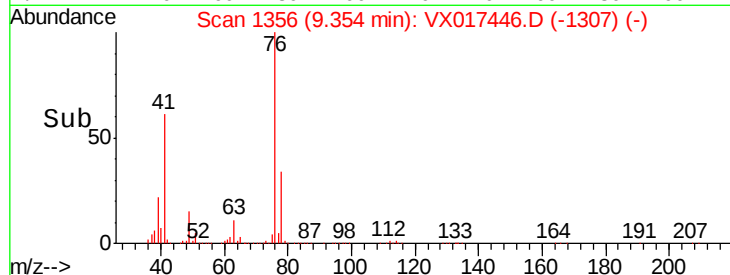
150000

100000

50000

0

Time--> 9.20 9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 286.619 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017446.D

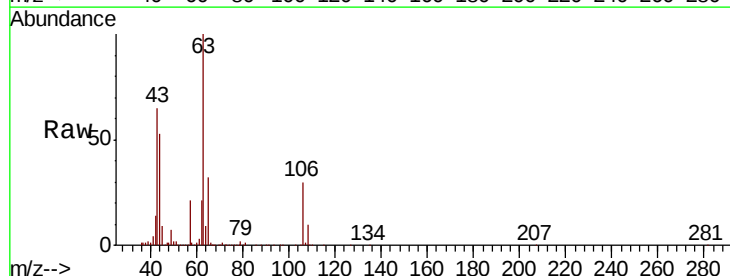
Acq: 20 Jul 2020 19:52

Tgt Ion: 63 Resp: 658739

Ion Ratio Lower Upper

63 100

106 30.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

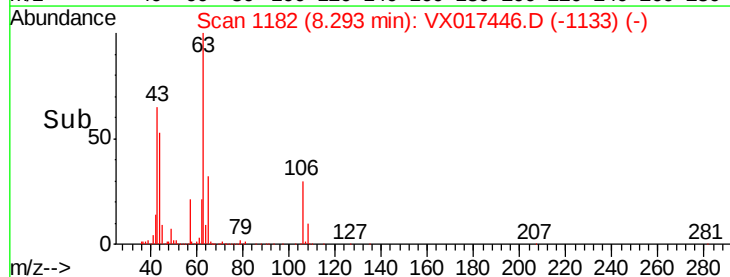
300000

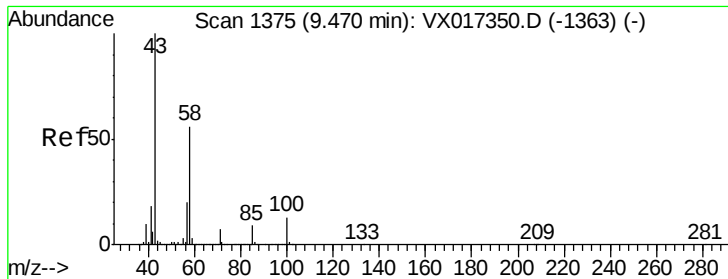
200000

100000

0

Time--> 8.20 8.30 8.40

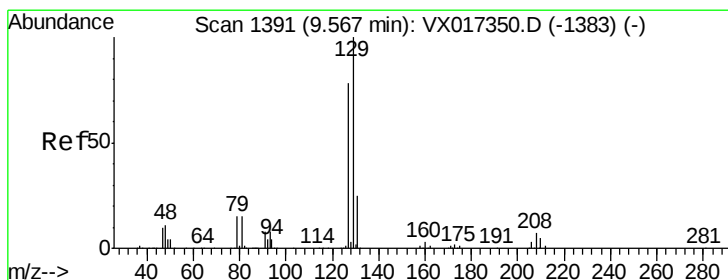
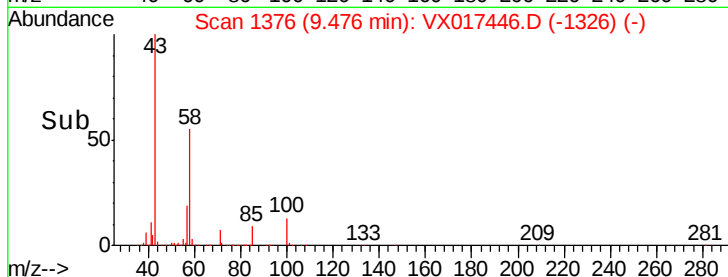
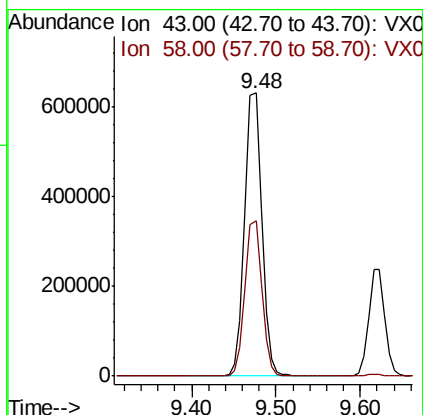
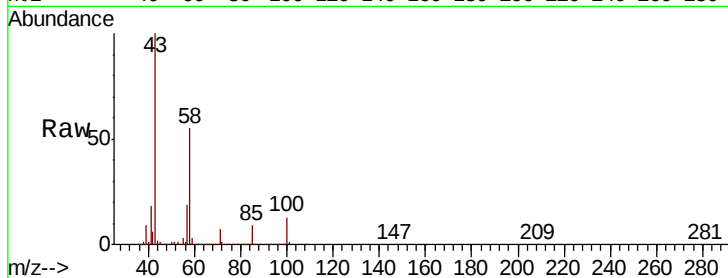




#59
2-Hexanone
Concen: 273.250 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

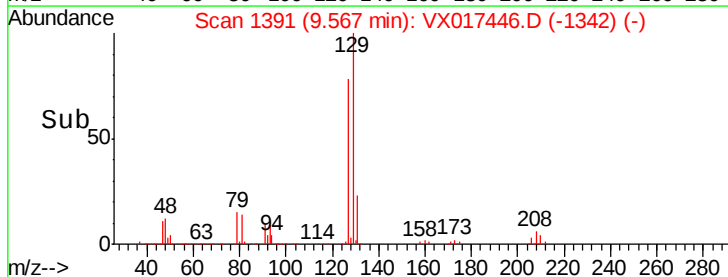
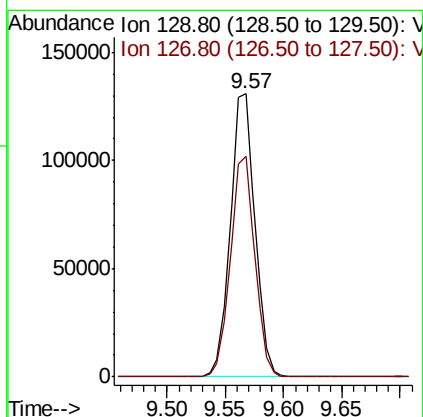
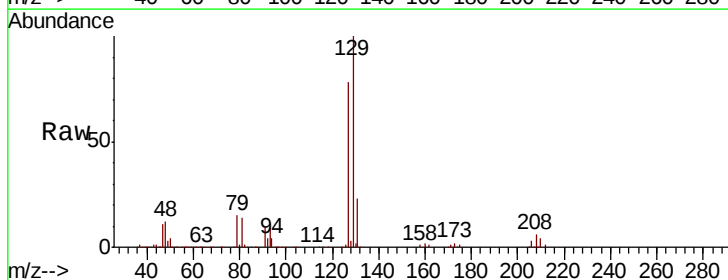
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

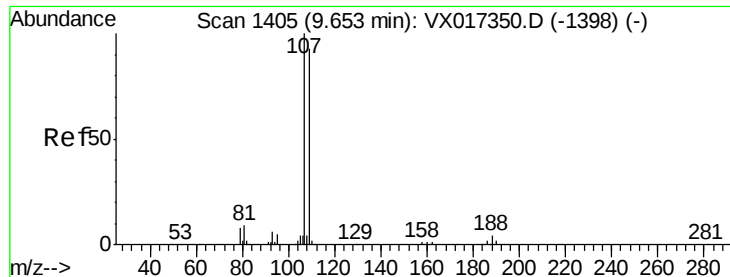
Tot Ion: 43 Resp: 861523
Ion Ratio Lower Upper
43 100
58 54.4 28.1 84.3



#60
Dibromochloromethane
Concen: 49.585 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 129 Resp: 193129
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

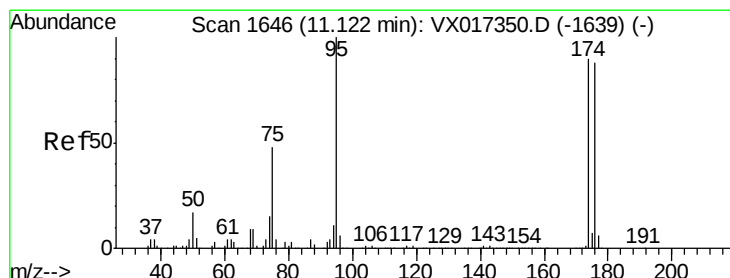
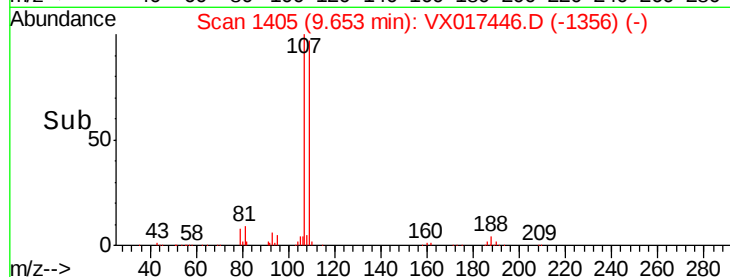
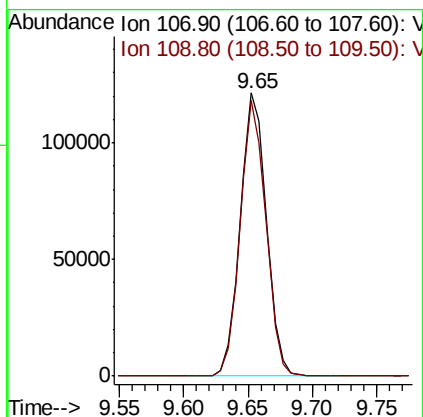
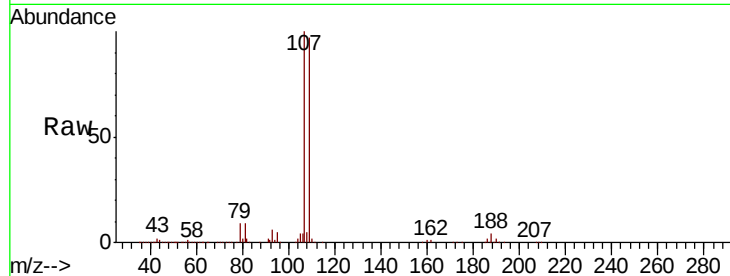




#61
 1,2-Dibromoethane
 Concen: 49.083 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

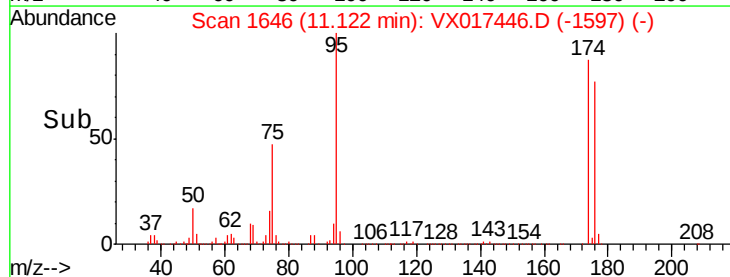
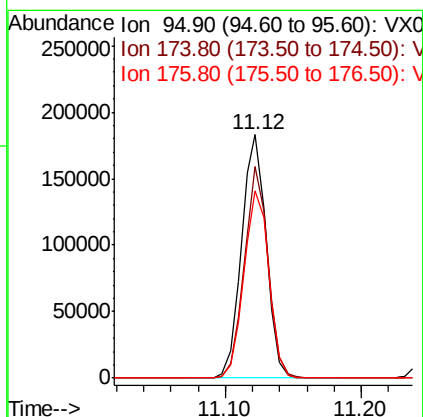
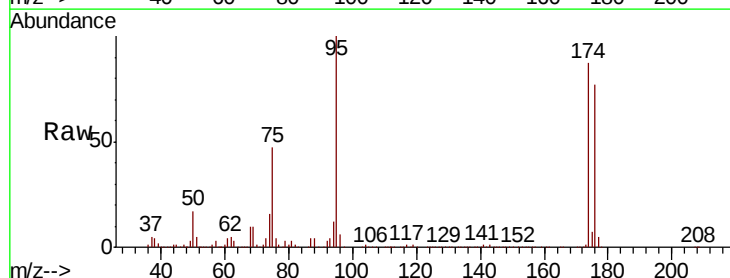
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

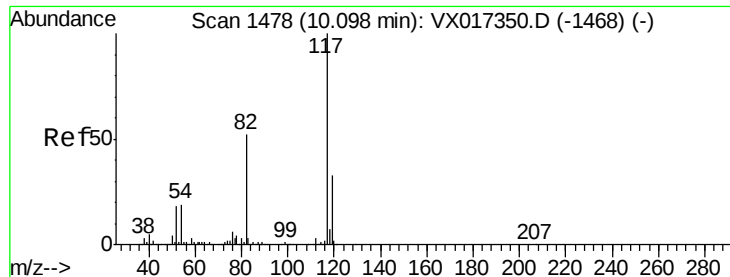
Tot Ion:107 Resp: 170238
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 52.889 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

Tgt Ion: 95 Resp: 230078
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 175.8
 176 78.5 0.0 164.6

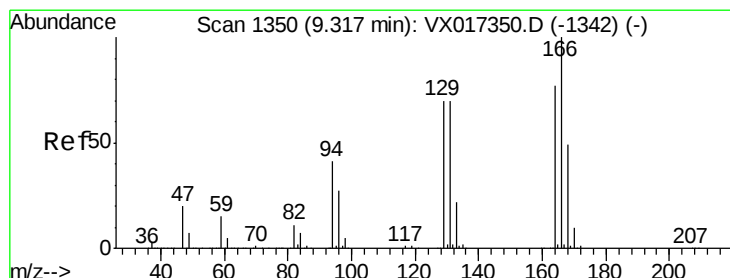
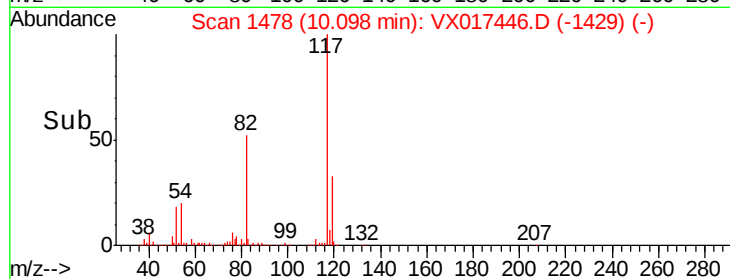
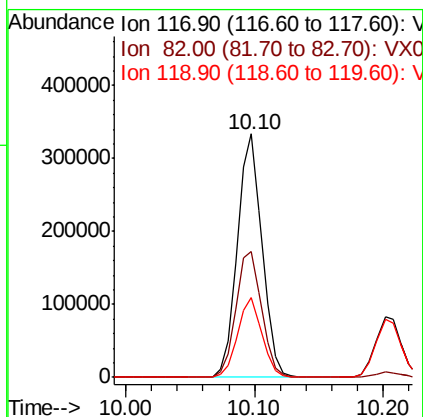
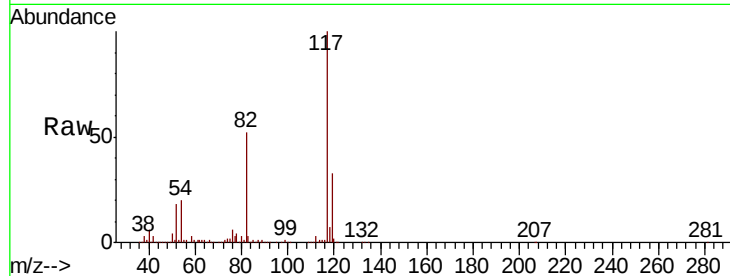




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

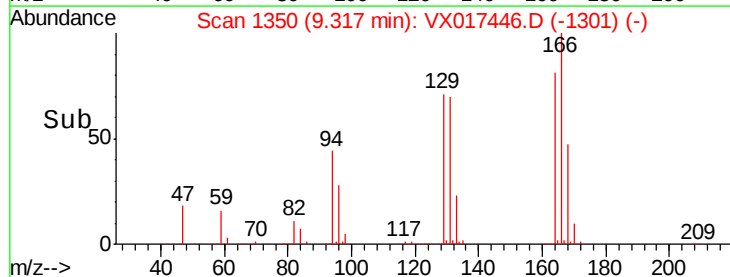
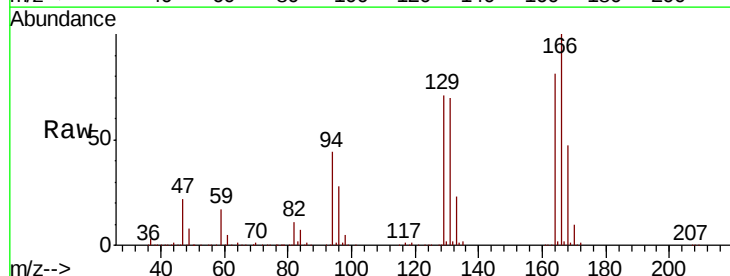
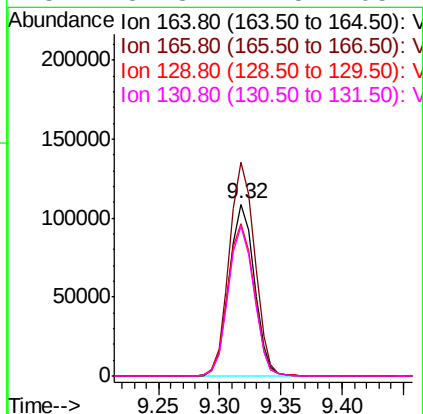
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

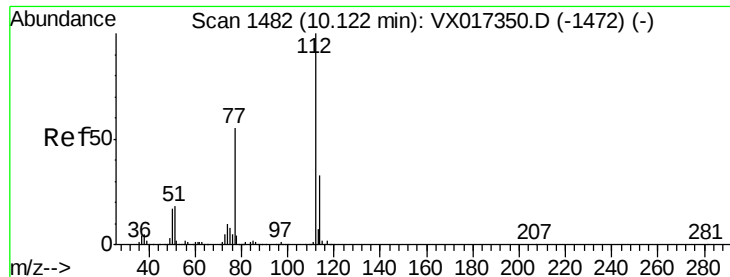
Tot Ion:117 Resp: 442616
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 32.8 26.3 39.5



#64
Tetrachloroethene
Concen: 40.643 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion:164 Resp: 155704
Ion Ratio Lower Upper
164 100
166 124.1 103.9 155.9
129 88.6 72.9 109.3
131 87.3 72.5 108.7

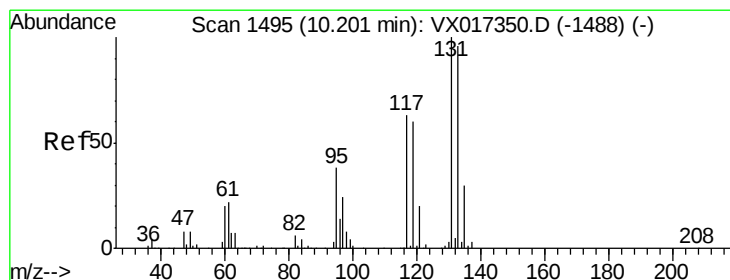
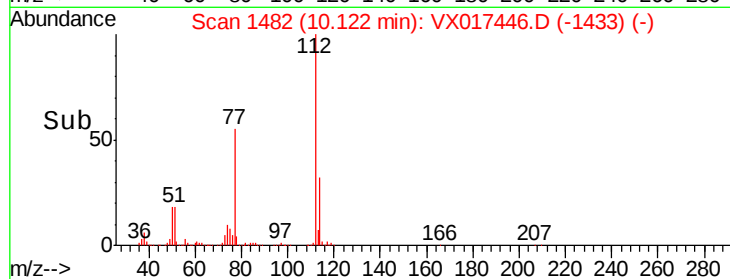
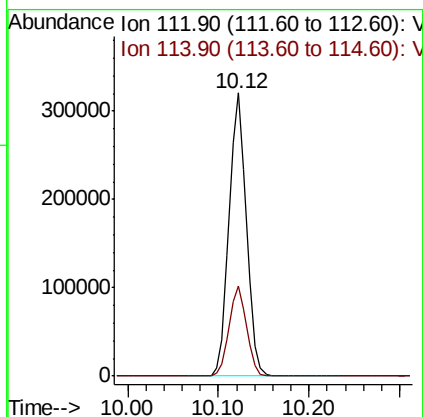
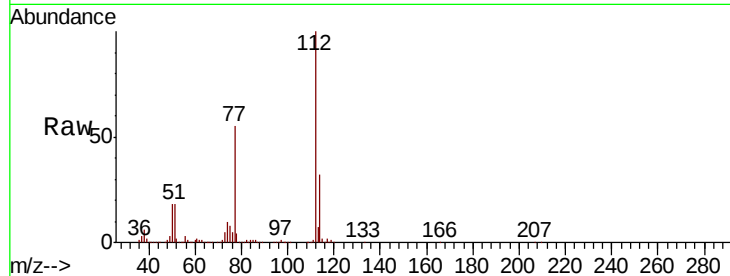




#65
Chlorobenzene
Concen: 47.377 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

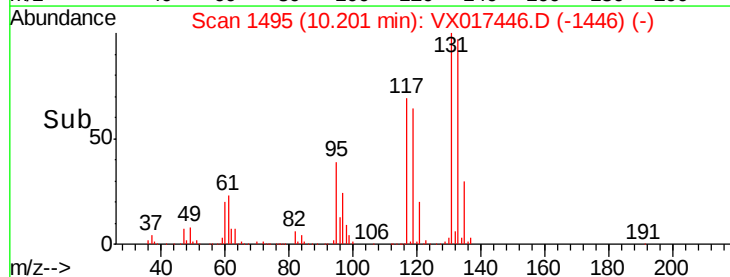
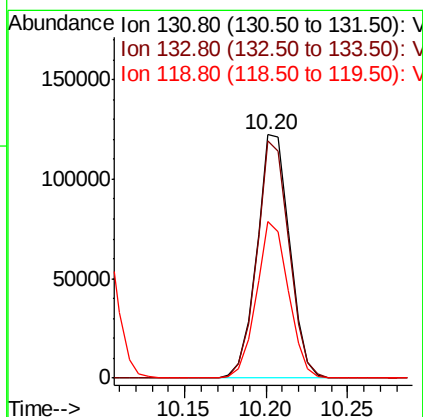
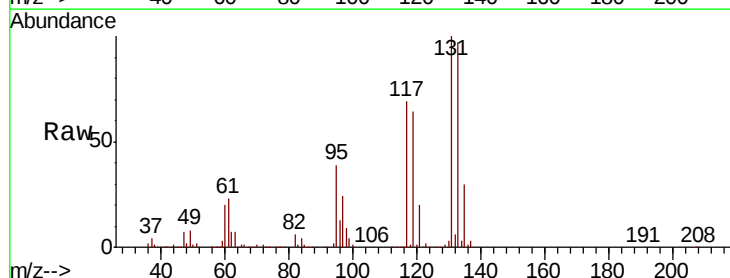
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

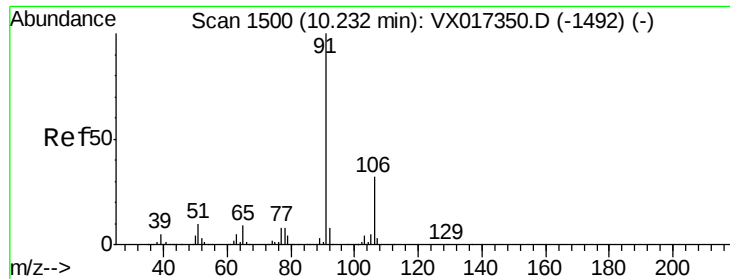
Tot Ion:112 Resp: 426153
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.706 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion:131 Resp: 170844
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.2
119 63.2 31.2 93.6





#67

Ethyl Benzene

Concen: 49.315 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

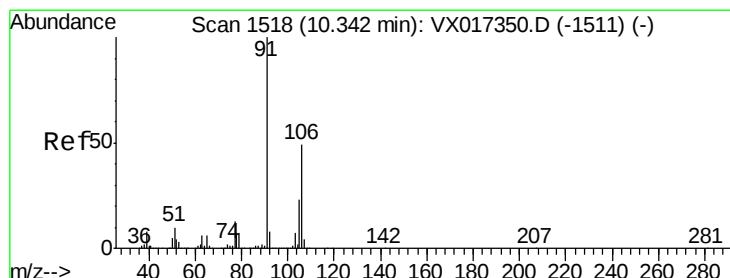
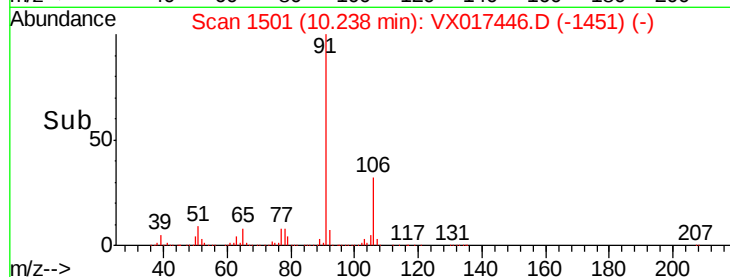
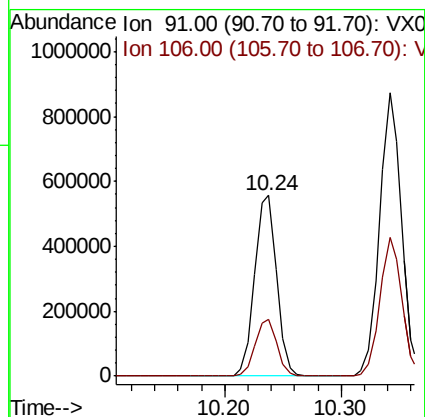
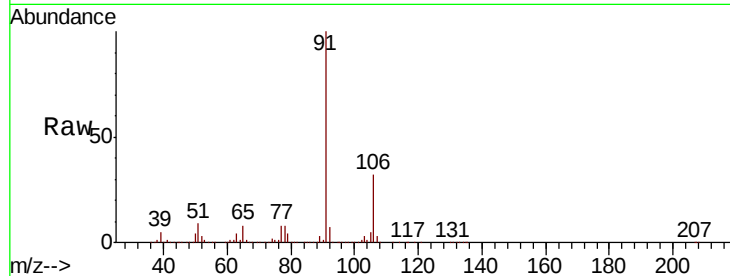
VSTDCCC050EC

Tot Ion: 91 Resp: 738443

Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5



#68

m/p-Xylenes

Concen: 99.211 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017446.D

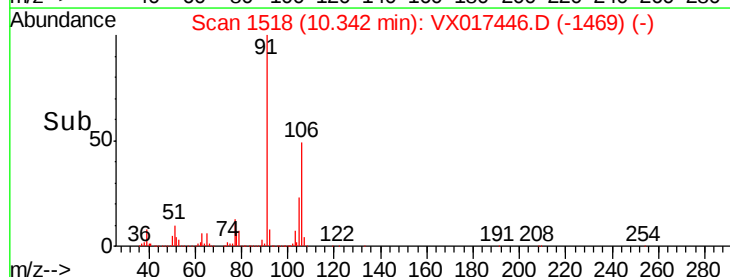
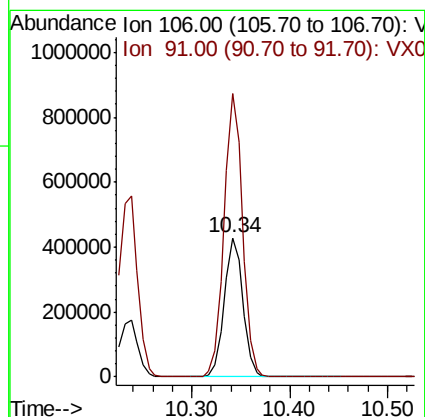
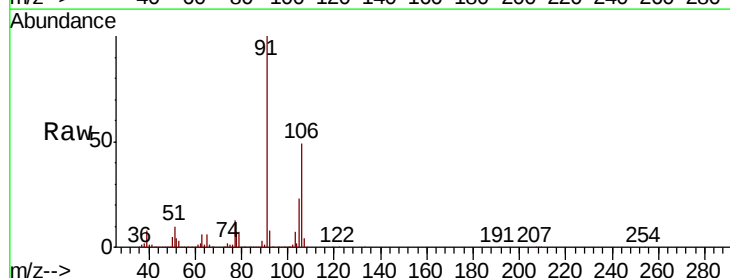
Acq: 20 Jul 2020 19:52

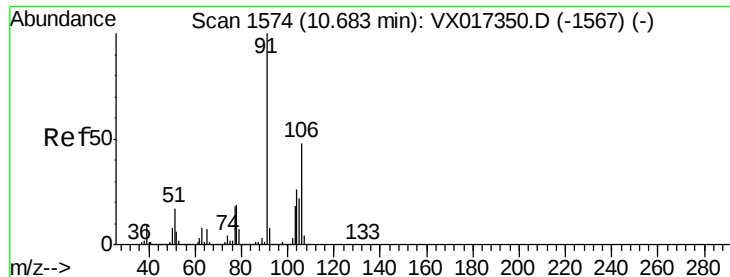
Tgt Ion: 106 Resp: 565237

Ion Ratio Lower Upper

106 100

91 202.3 162.5 243.7

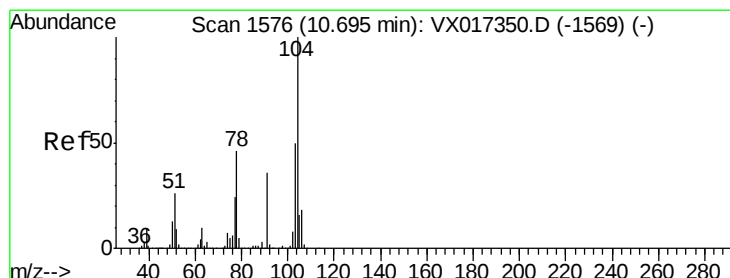
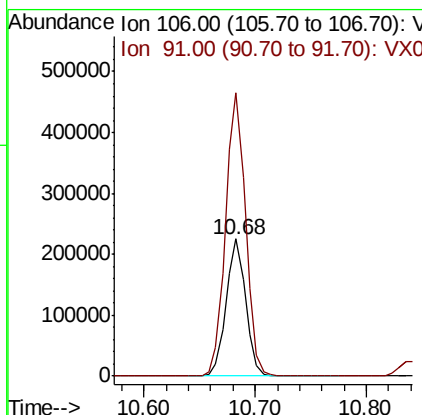
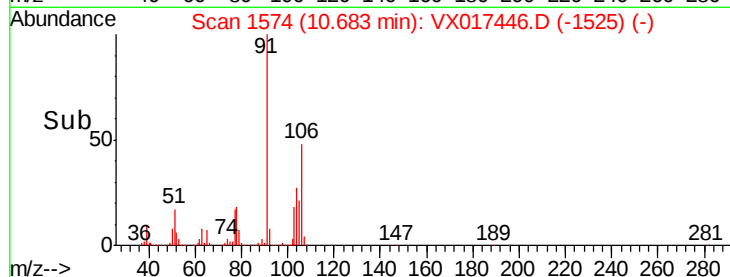
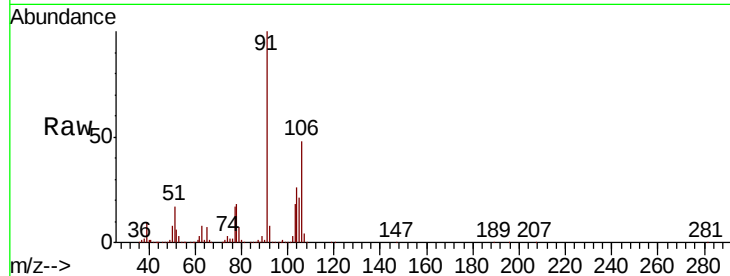




#69
o-Xylene
Concen: 50.226 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

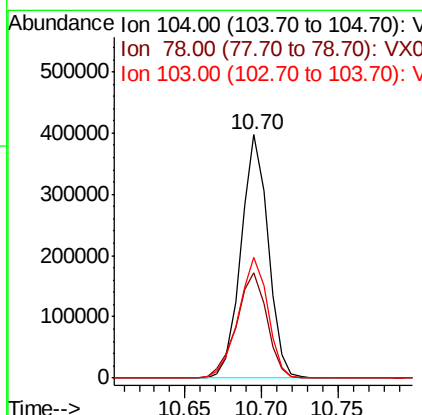
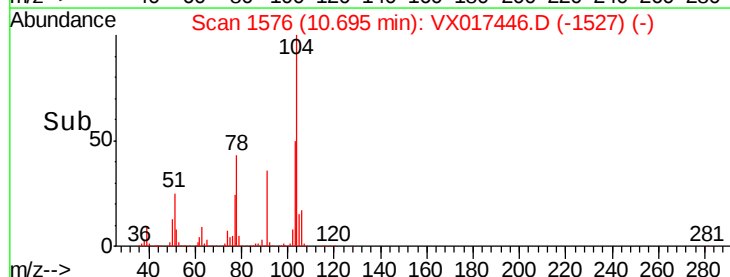
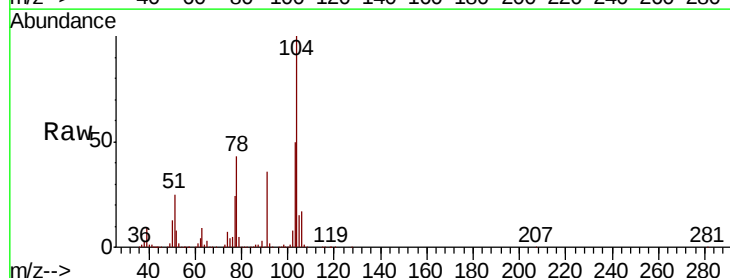
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

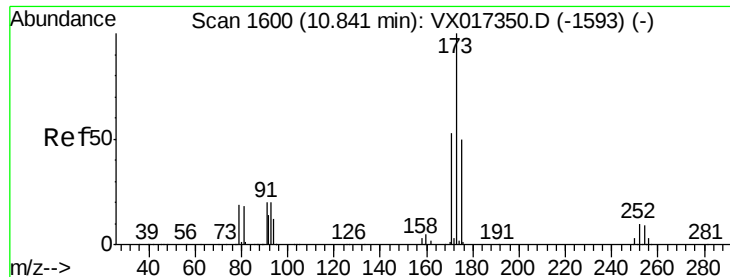
Tot Ion:106 Resp: 273435
Ion Ratio Lower Upper
106 100
91 211.9 106.1 318.1



#70
Styrene
Concen: 52.348 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion:104 Resp: 489189
Ion Ratio Lower Upper
104 100
78 48.8 40.8 61.2
103 53.8 43.3 64.9





#71

Bromoform

Concen: 49.734 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

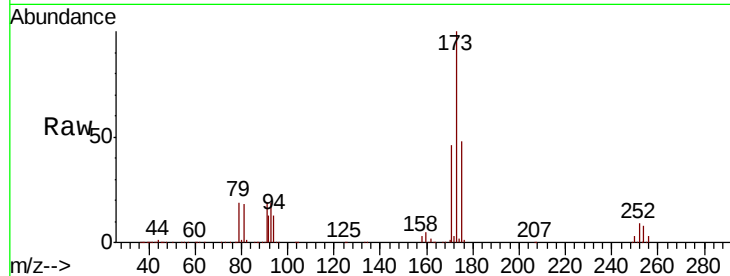
Tot Ion:173 Resp: 150293

Ion Ratio Lower Upper

173 100

175 48.4 24.7 74.1

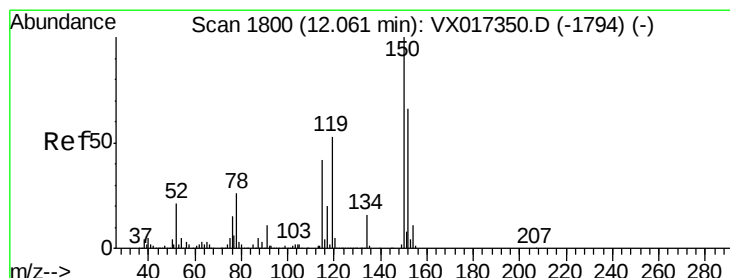
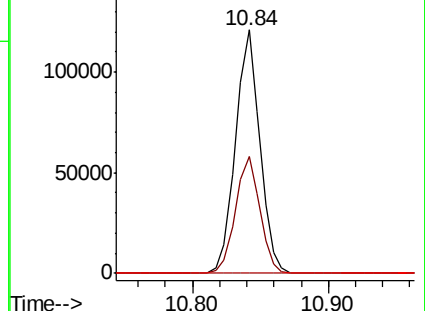
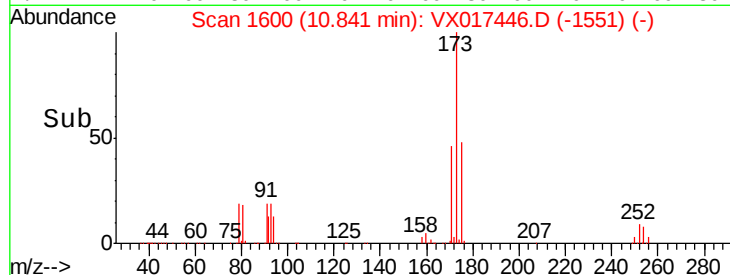
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

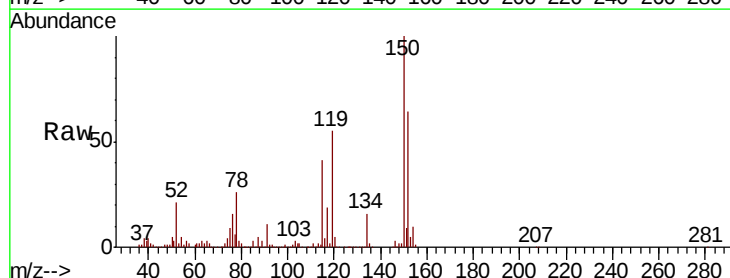
Tgt Ion:152 Resp: 244420

Ion Ratio Lower Upper

152 100

115 78.5 39.9 119.7

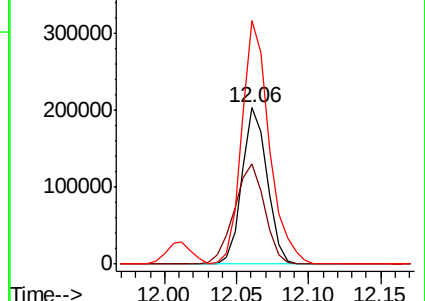
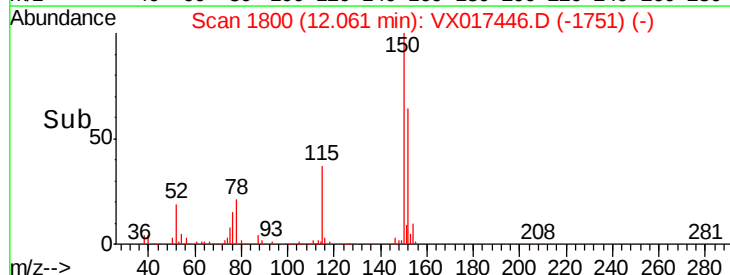
150 170.5 0.0 343.4

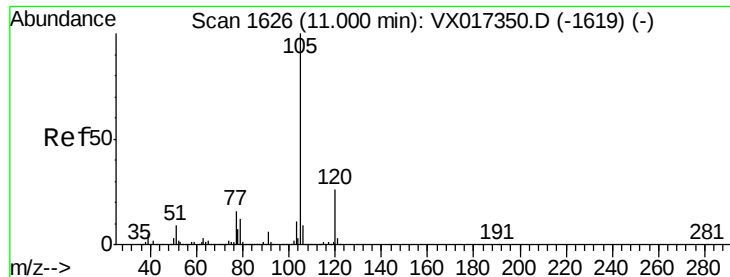


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.189 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

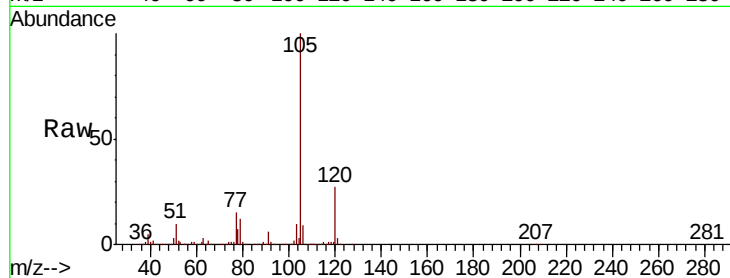
VSTDCCC050EC

Tot Ion:105 Resp: 738348

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

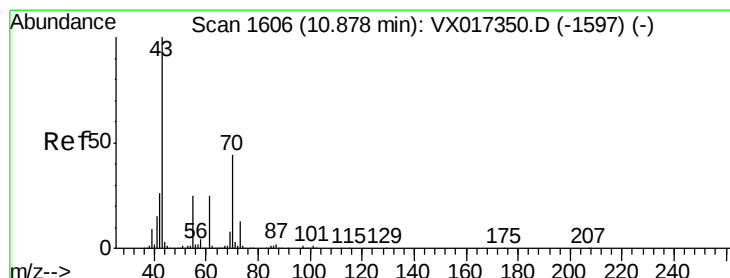
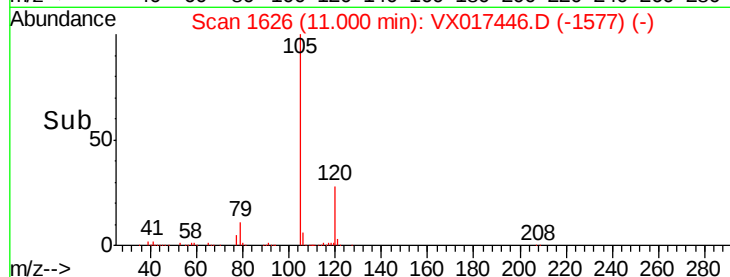
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.077 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Tgt Ion: 43 Resp: 331566

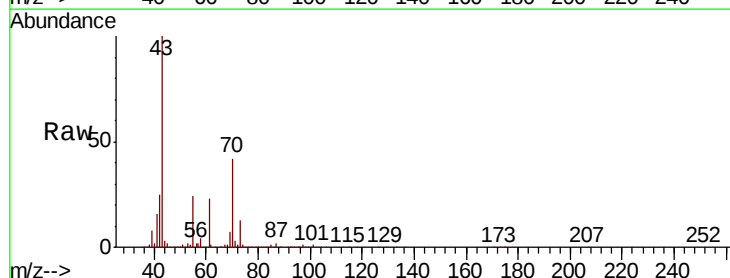
Ion Ratio Lower Upper

43 100

70 43.6 35.7 53.5

55 24.6 20.3 30.5

61 23.9 20.0 30.0



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

10.88

400000

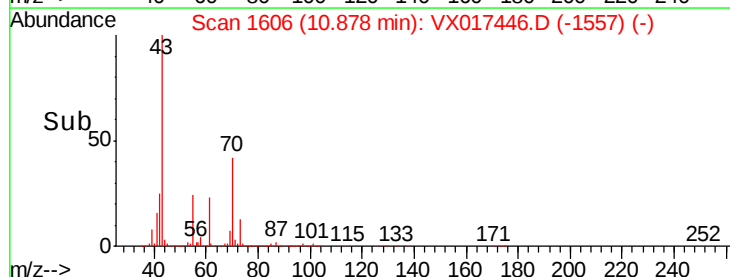
300000

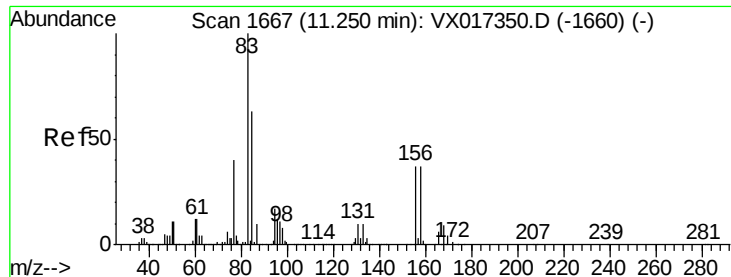
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 51.542 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

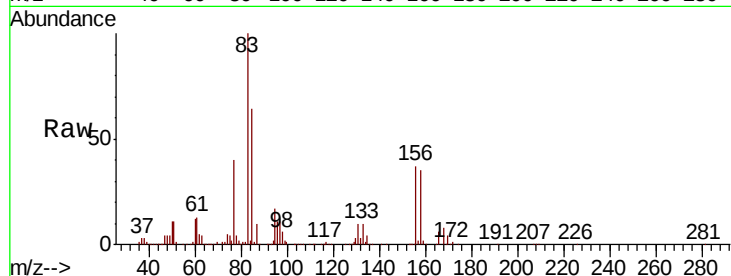
Tot Ion: 83 Resp: 239780

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

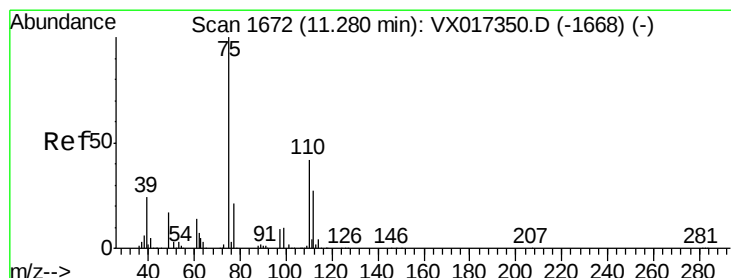
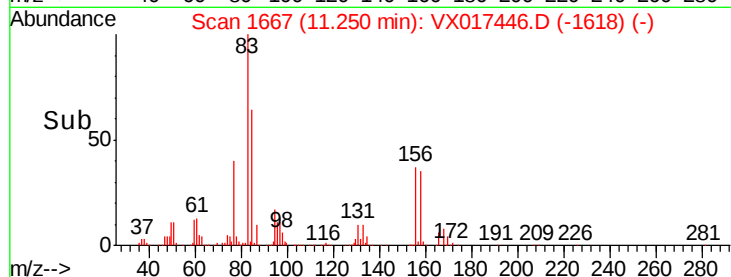
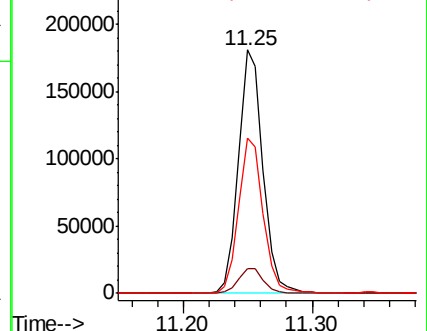
85 64.4 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.468 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017446.D

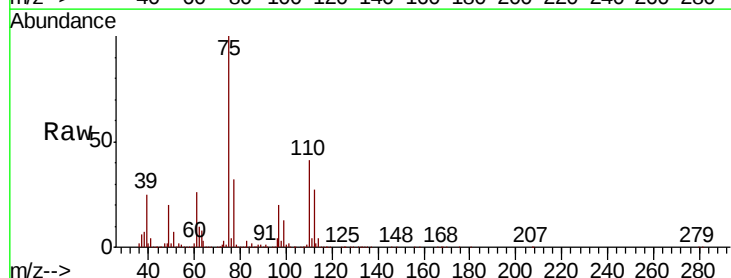
Acq: 20 Jul 2020 19:52

Tgt Ion: 75 Resp: 286649

Ion Ratio Lower Upper

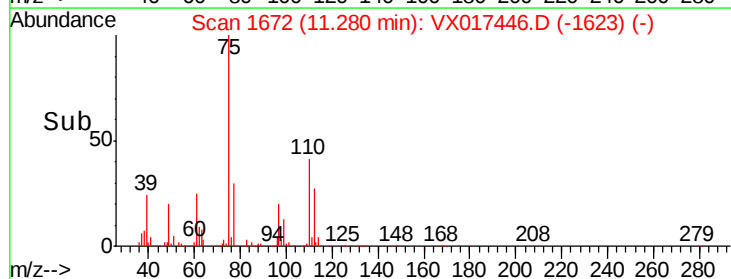
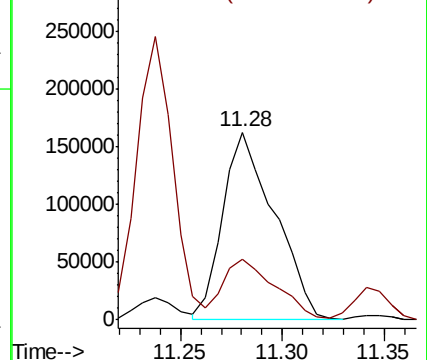
75 100

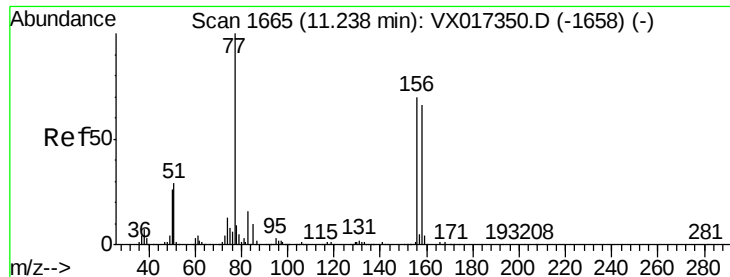
77 32.4 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.905 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

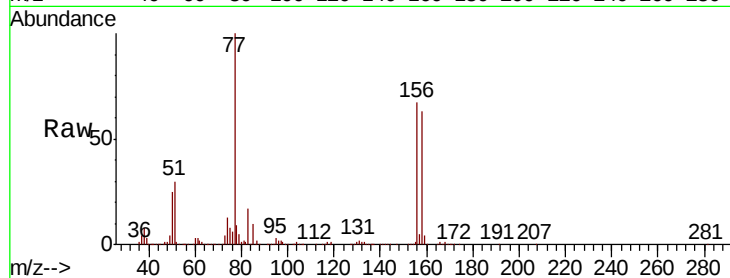
Tot Ion:156 Resp: 204688

Ion Ratio Lower Upper

156 100

77 149.2 72.1 216.3

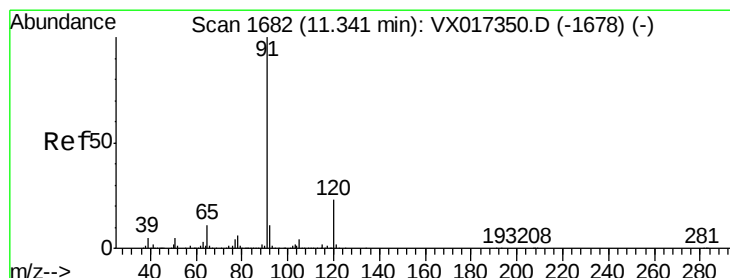
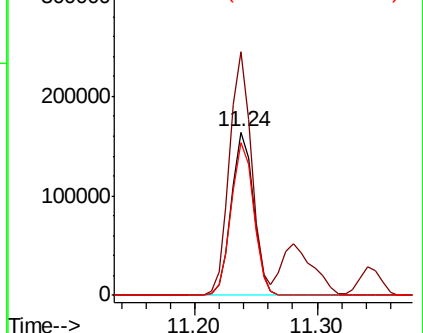
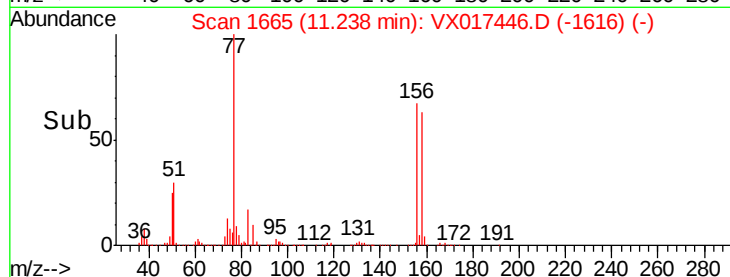
158 95.4 47.4 142.3



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: 49.380 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017446.D

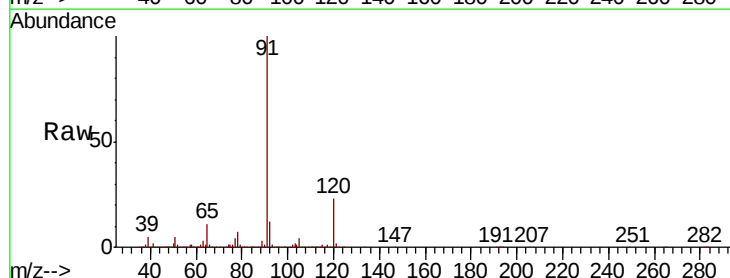
Acq: 20 Jul 2020 19:52

Tgt Ion: 91 Resp: 849717

Ion Ratio Lower Upper

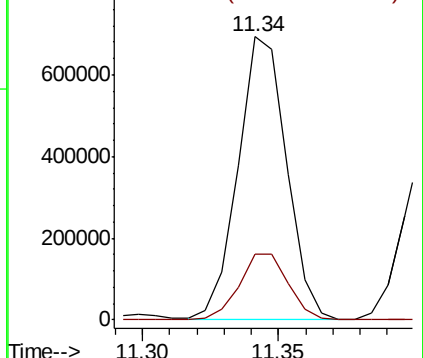
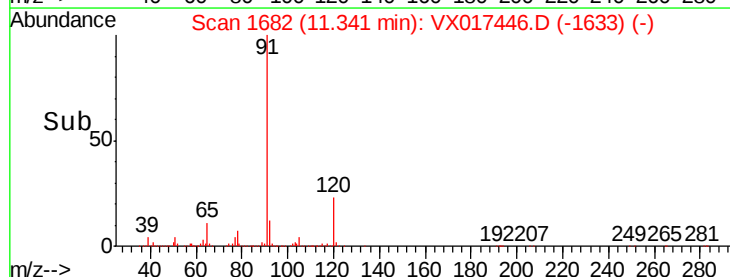
91 100

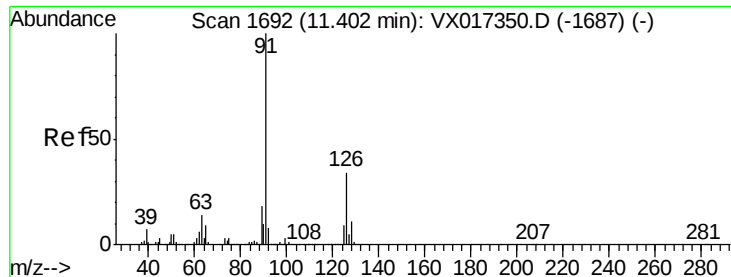
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

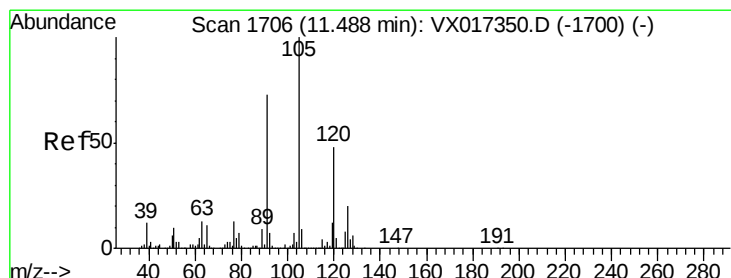
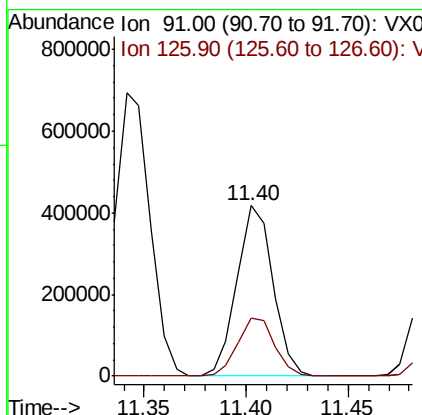
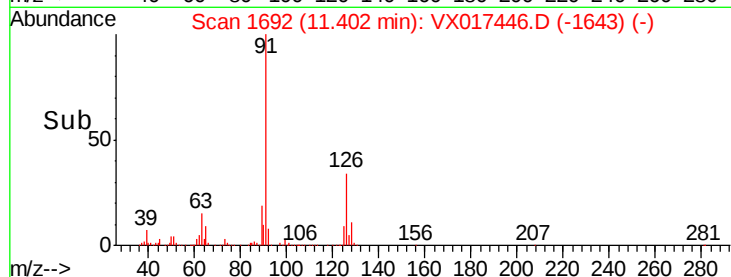
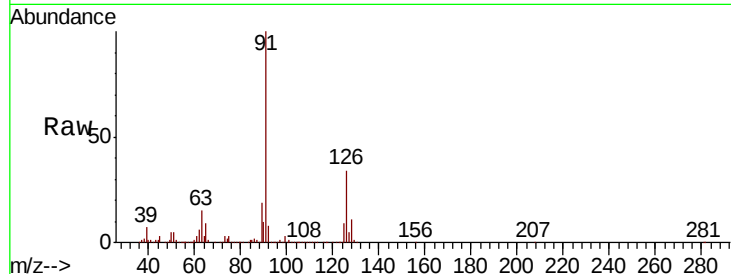




#79
2-Chlorotoluene
Concen: 48.282 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

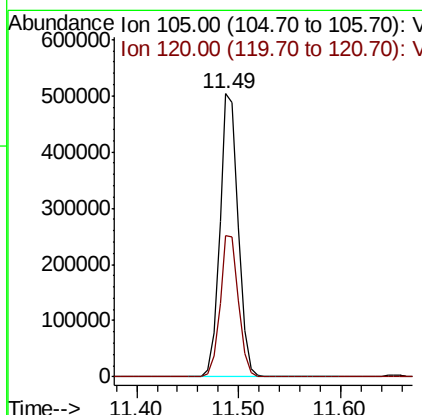
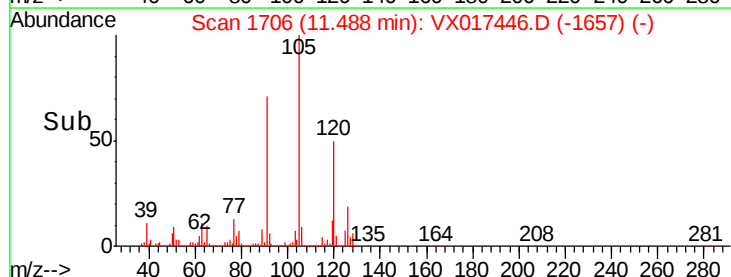
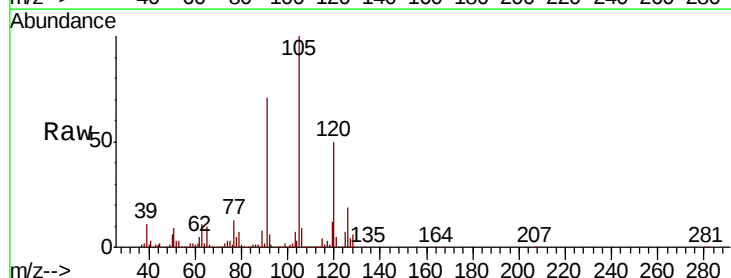
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

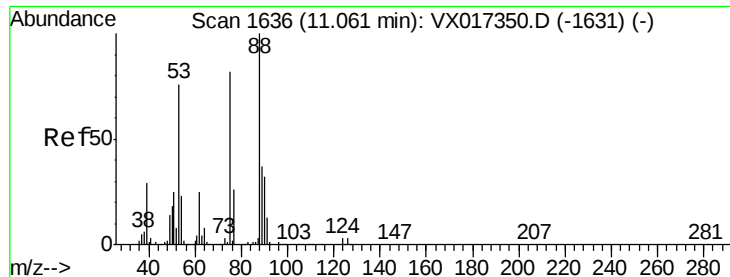
Tot Ion: 91 Resp: 511988
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.557 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 105 Resp: 631548
Ion Ratio Lower Upper
105 100
120 50.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.720 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

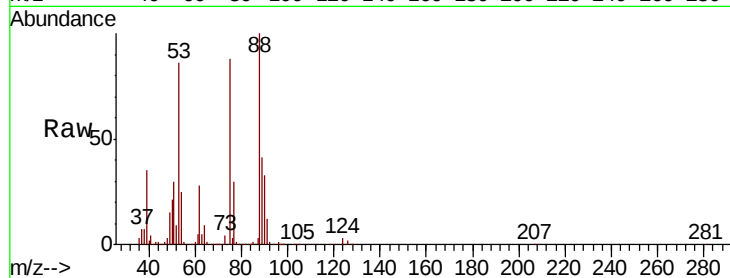
Tot Ion: 75 Resp: 83180

Ion Ratio Lower Upper

75 100

53 95.8 76.5 114.7

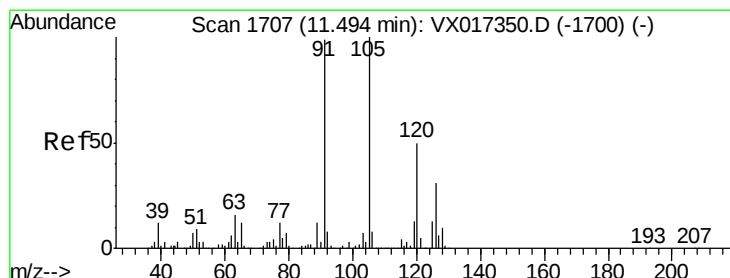
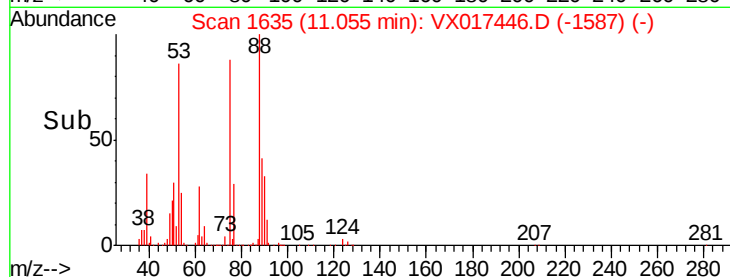
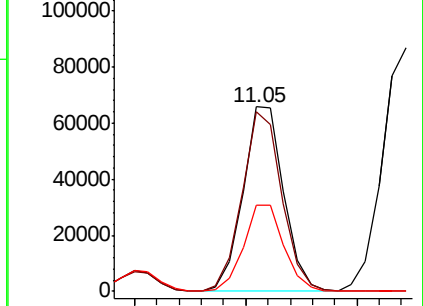
89 47.1 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.211 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017446.D

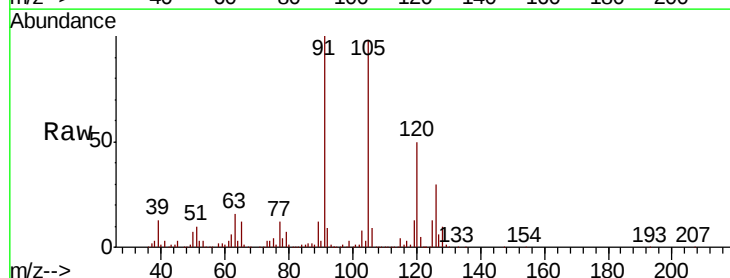
Acq: 20 Jul 2020 19:52

Tgt Ion: 91 Resp: 618445

Ion Ratio Lower Upper

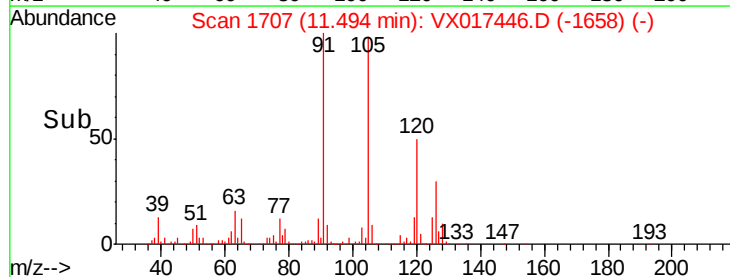
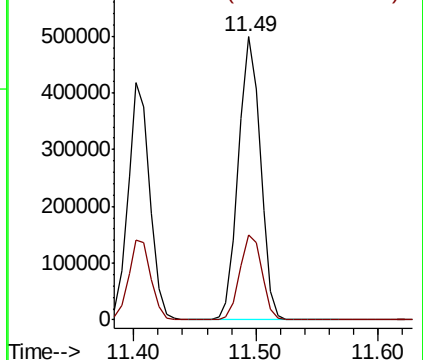
91 100

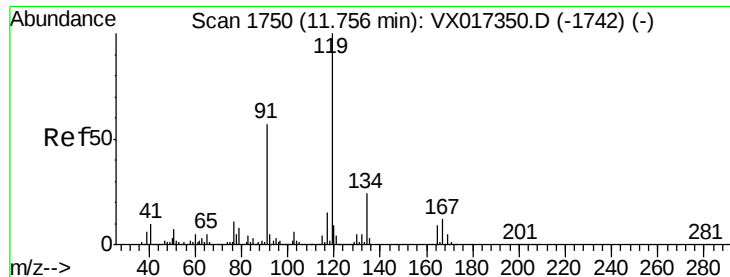
126 30.4 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

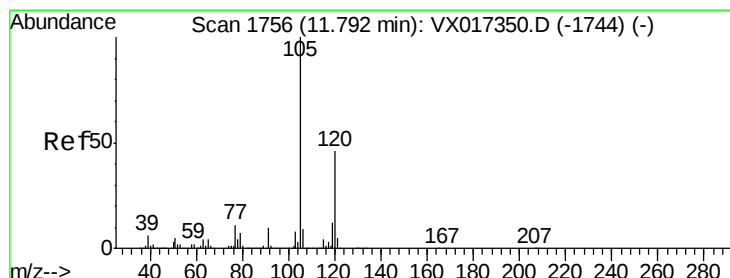
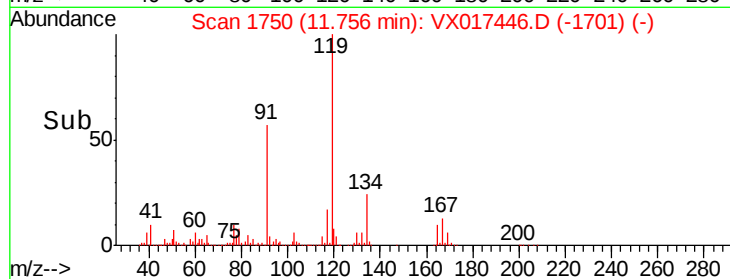
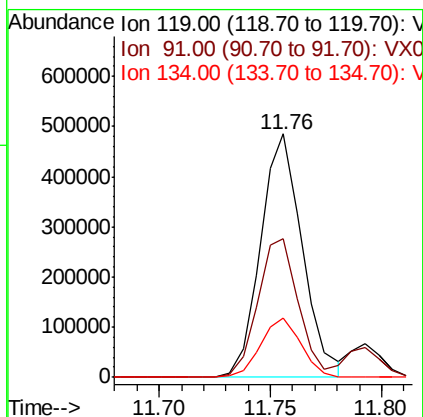
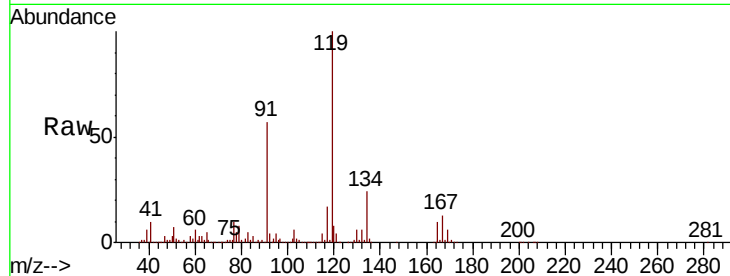




#83
tert-Butylbenzene
Concen: 50.187 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

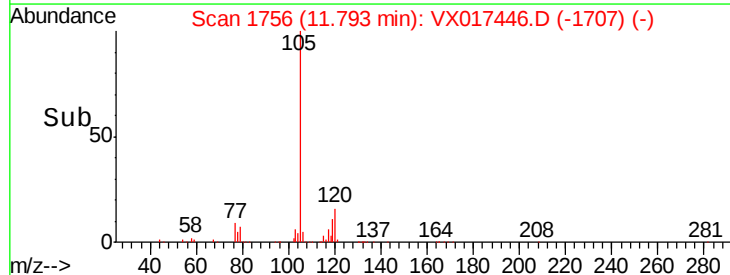
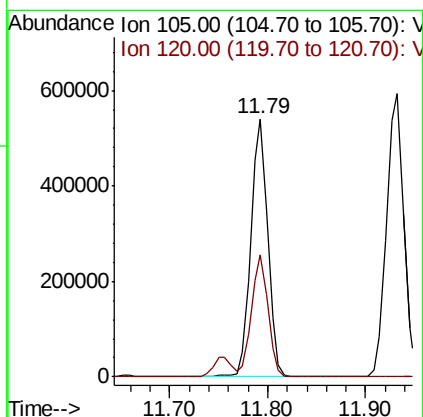
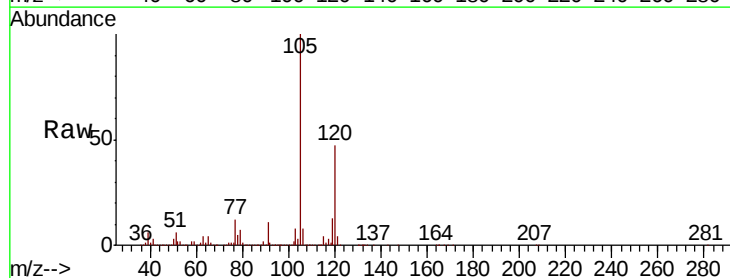
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

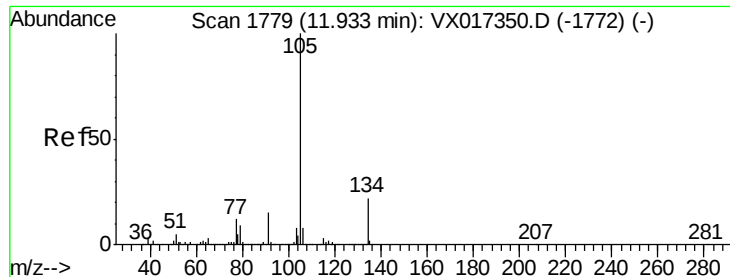
Tot Ion:119 Resp: 630989
Ion Ratio Lower Upper
119 100
91 55.2 28.5 85.6
134 23.5 11.9 35.9



#84
1,2,4-Trimethylbenzene
Concen: 49.252 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion:105 Resp: 647161
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4





#85

sec-Butylbenzene

Concen: 49.267 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

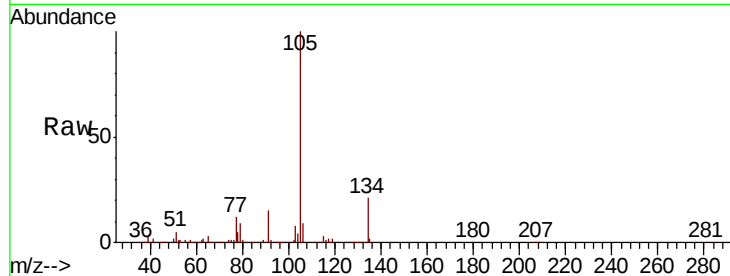
VSTDCCC050EC

Tot Ion:105 Resp: 725184

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

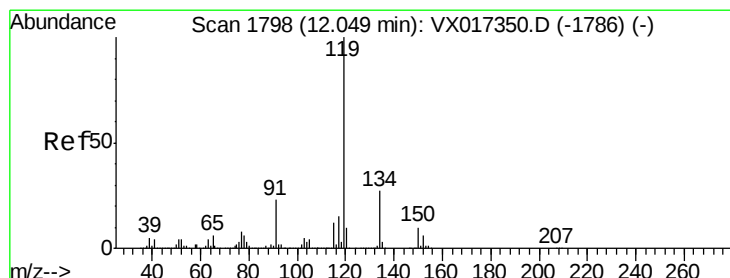
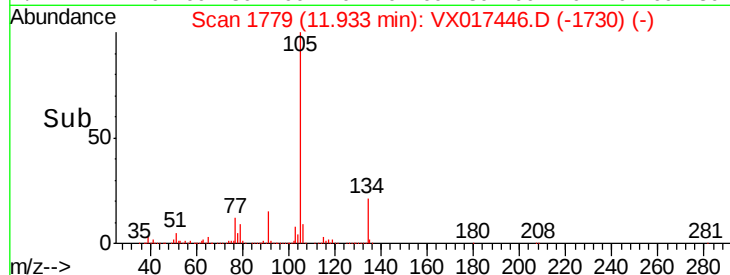
400000

200000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 48.395 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

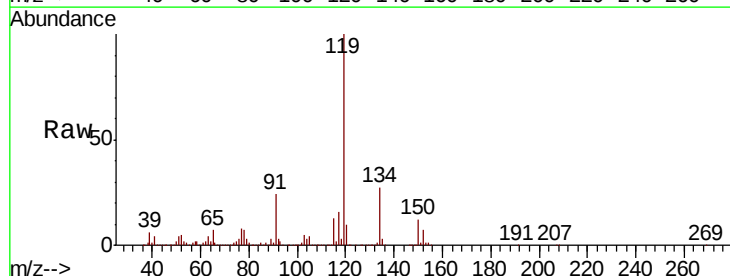
Tgt Ion:119 Resp: 674027

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.5

91 23.4 11.8 35.3



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): VX0

12.05

600000

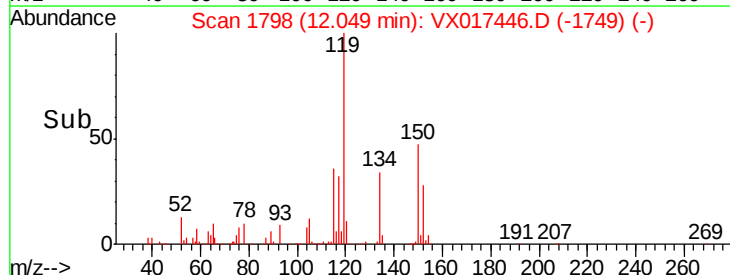
400000

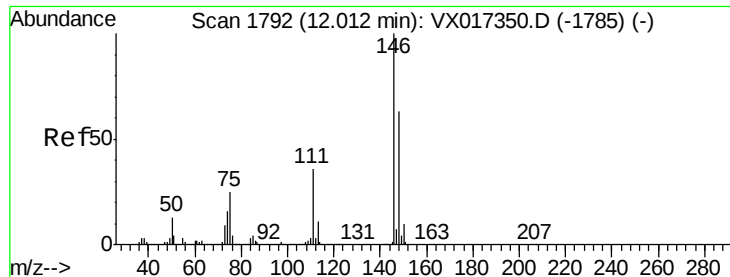
200000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 45.292 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

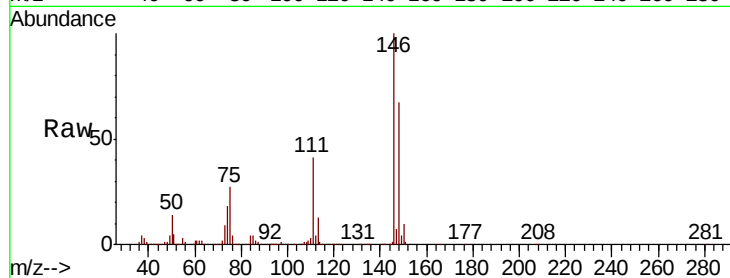
Tot Ion:146 Resp: 353575

Ion Ratio Lower Upper

146 100

111 40.4 19.2 57.6

148 64.3 31.6 95.0

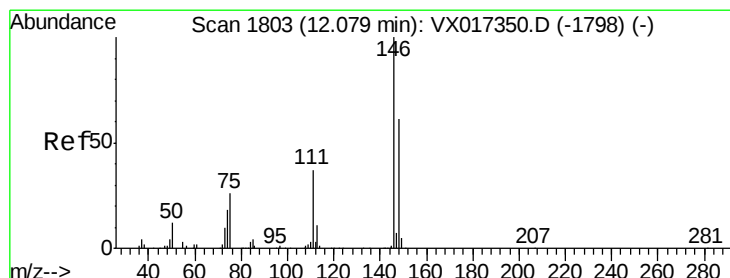
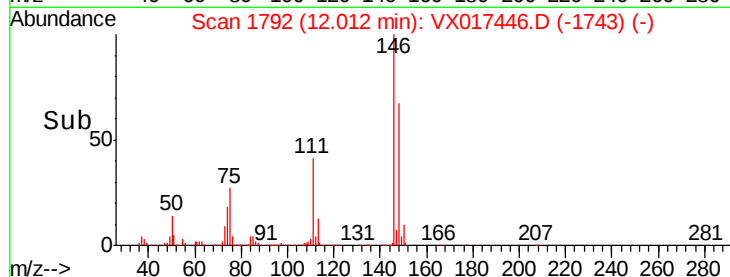
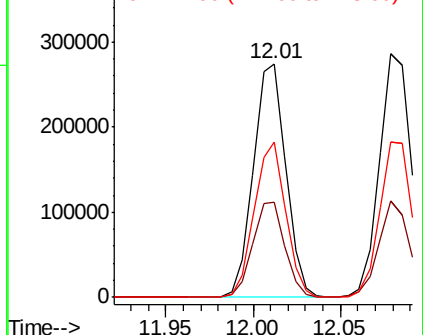


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.025 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

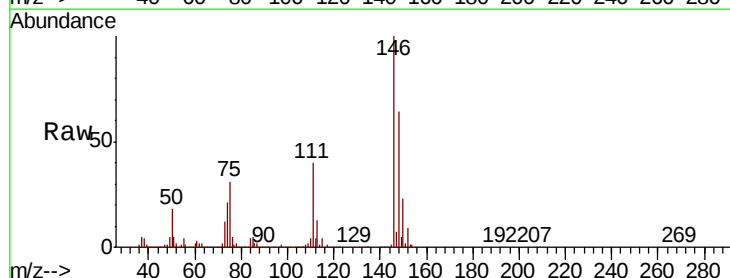
Tgt Ion:146 Resp: 363000

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.9

148 64.3 31.9 95.9

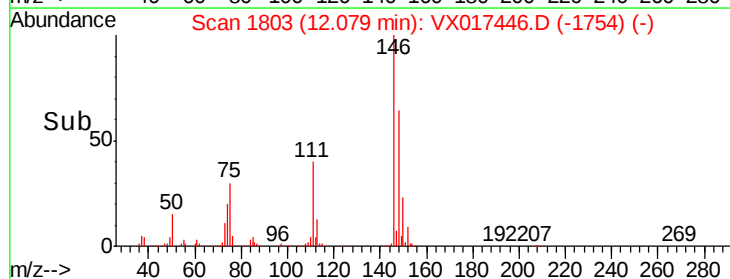
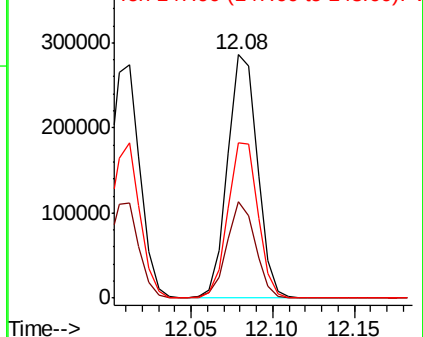


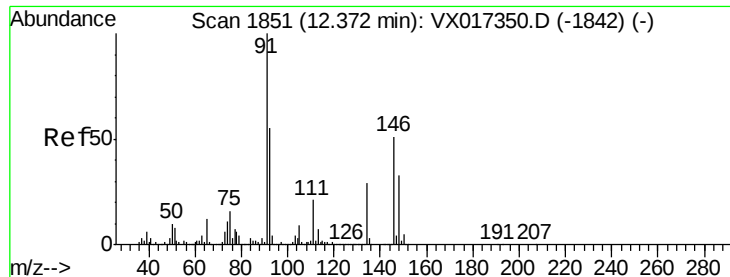
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

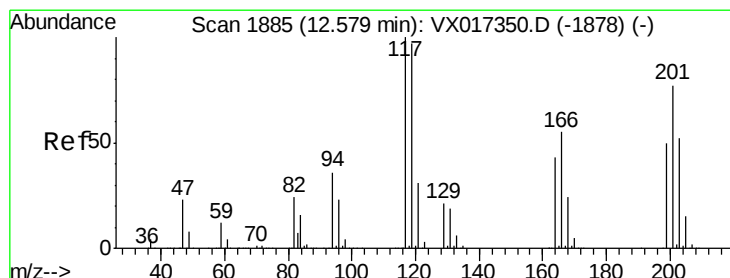
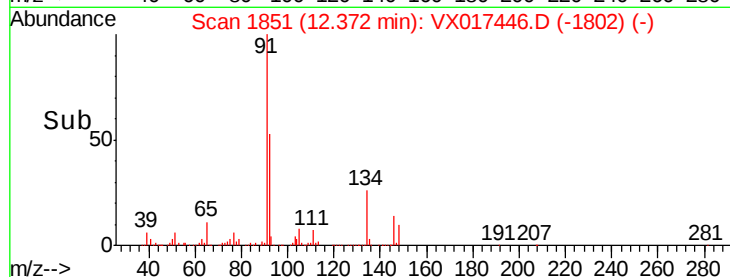
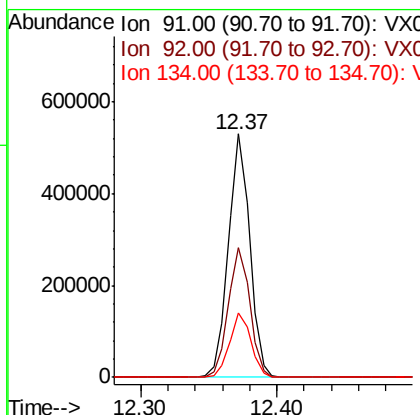
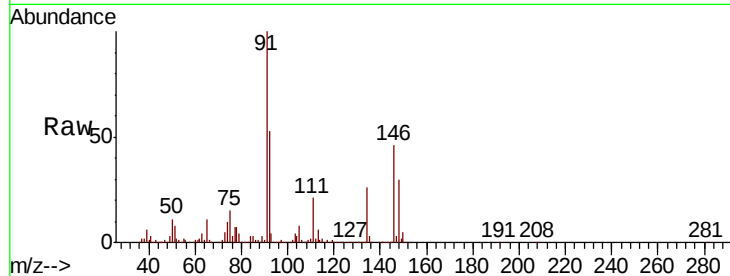




#89
n-Butylbenzene
Concen: 48.688 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

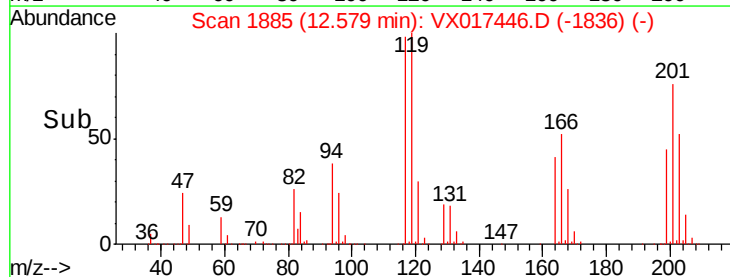
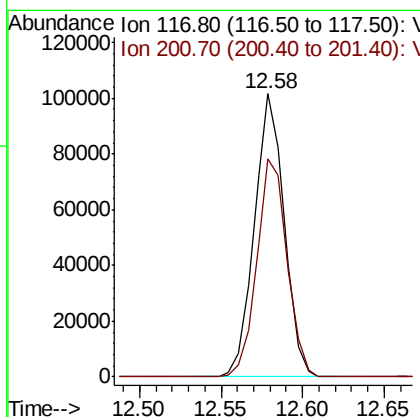
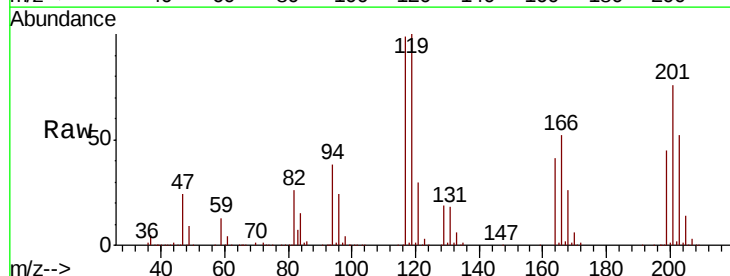
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

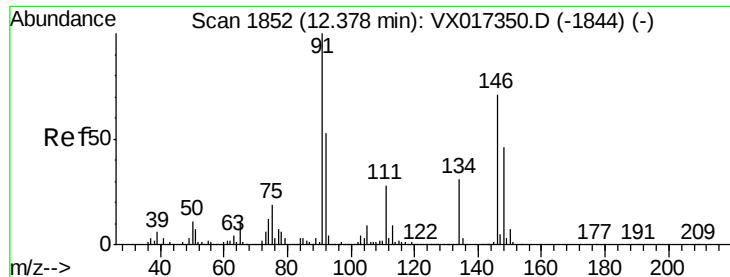
Tot Ion: 91 Resp: 578325
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 26.7 14.1 42.2



#90
Hexachloroethane
Concen: 48.685 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 117 Resp: 128730
Ion Ratio Lower Upper
117 100
201 78.0 41.0 123.0

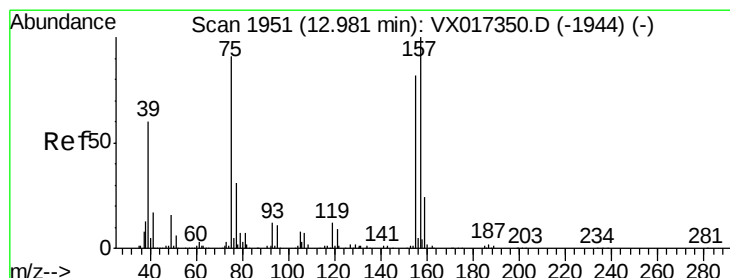
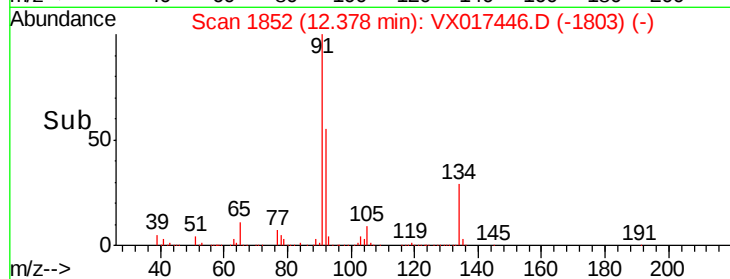
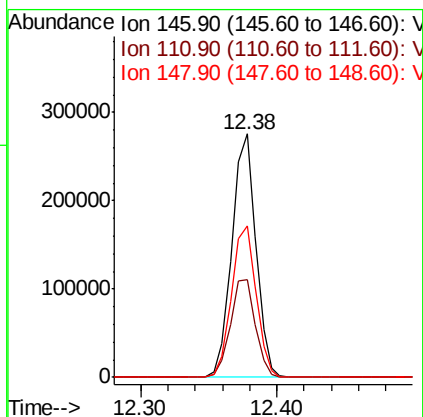
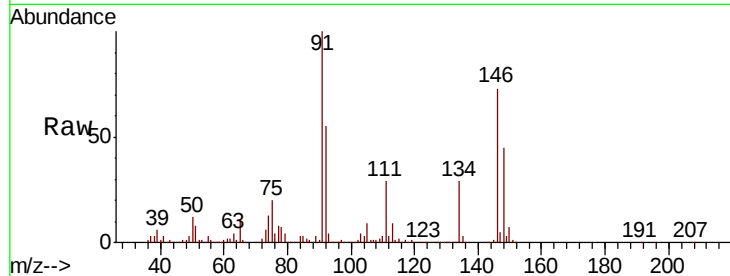




#91
 1,2-Dichlorobenzene
 Concen: 46.087 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

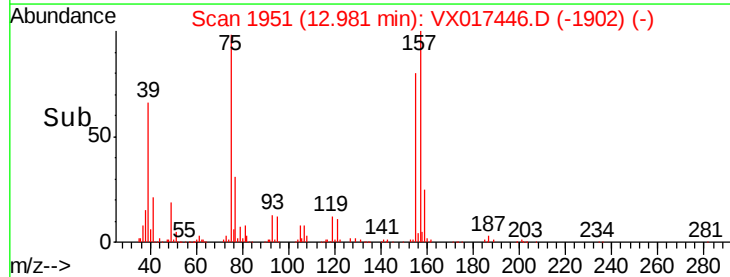
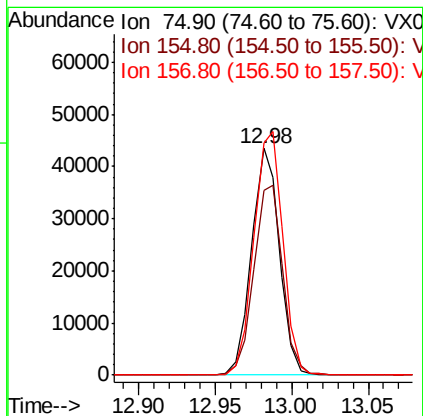
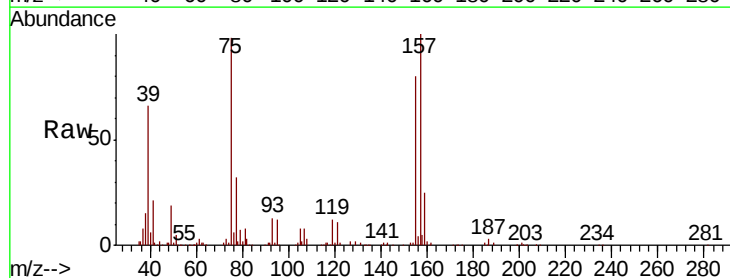
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

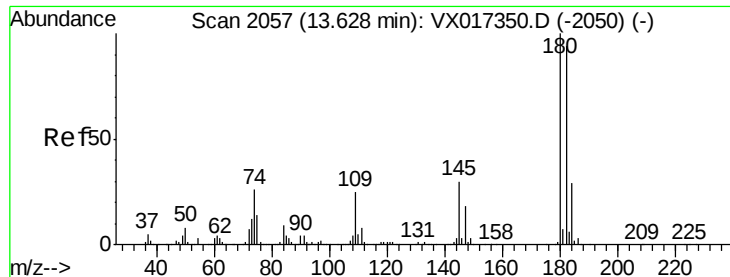
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	64.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.012 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017446.D
 Acq: 20 Jul 2020 19:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	46.5	139.3
157	111.4	58.0	173.9

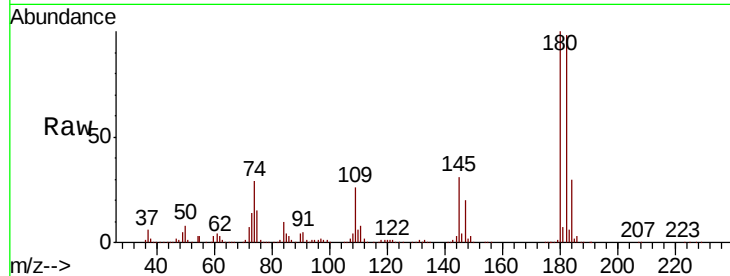




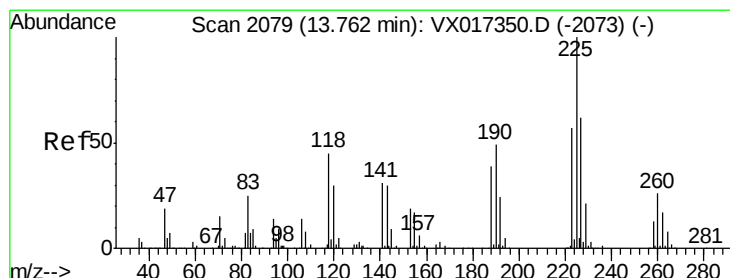
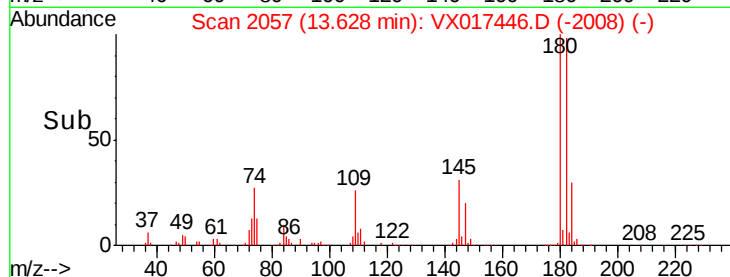
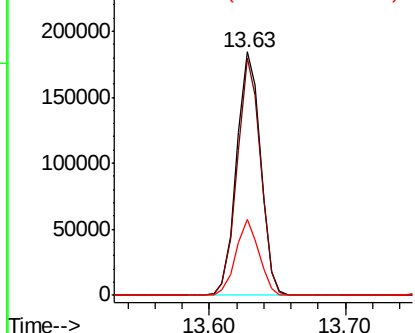
#93
1,2,4-Trichlorobenzene
Concen: 44.283 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:180 Resp: 225514
Ion Ratio Lower Upper
180 100
182 95.5 48.4 145.0
145 30.1 15.3 45.8

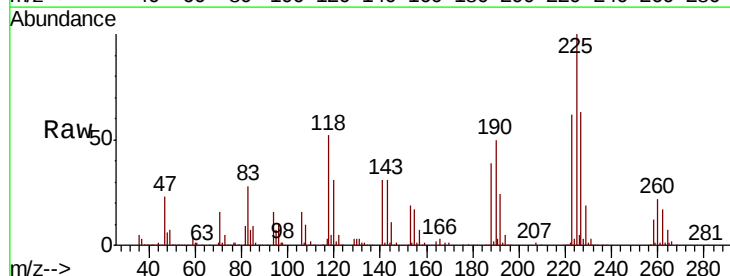


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

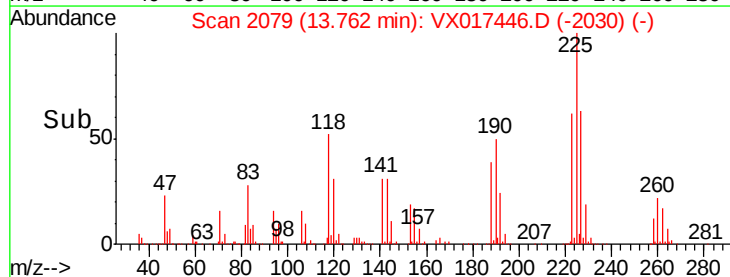
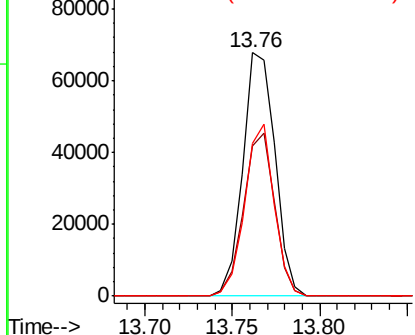


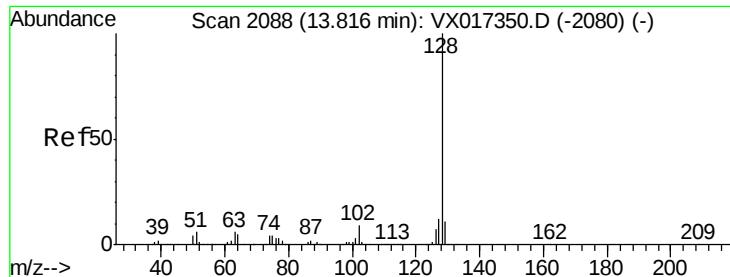
#94
Hexachlorobutadiene
Concen: 42.042 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX017446.D
Acq: 20 Jul 2020 19:52

Tgt Ion:225 Resp: 87312
Ion Ratio Lower Upper
225 100
223 64.5 31.3 93.8
227 64.4 31.6 95.0



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: 49.743 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

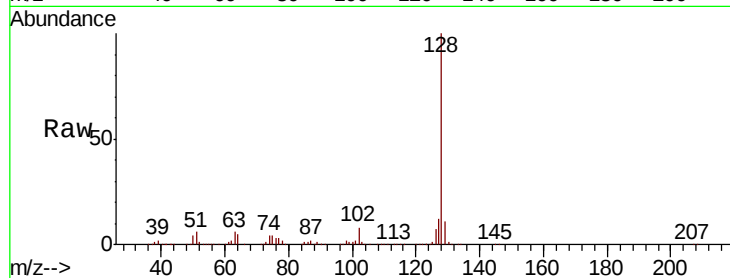
Tot Ion:128 Resp: 744812

Ion Ratio Lower Upper

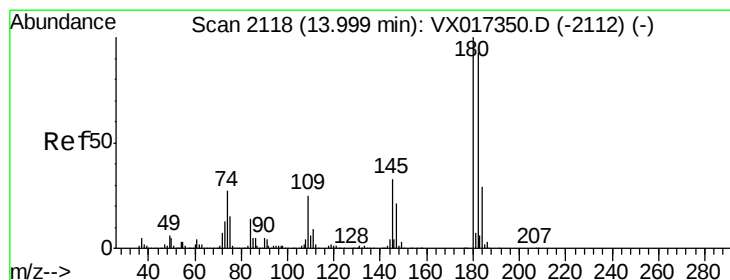
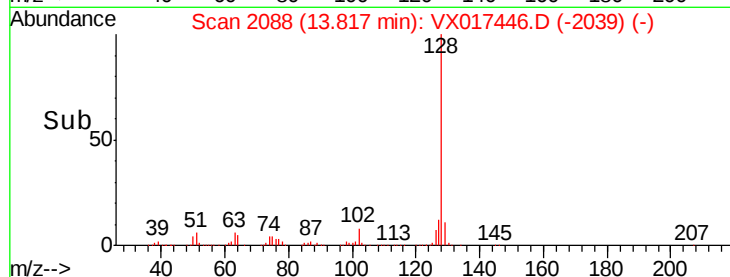
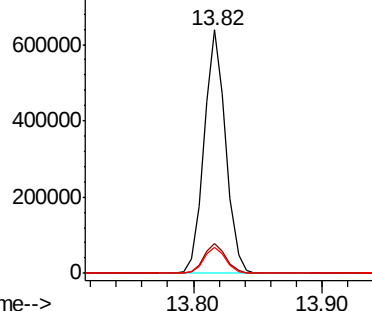
128 100

127 12.5 10.2 15.4

129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.594 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017446.D

Acq: 20 Jul 2020 19:52

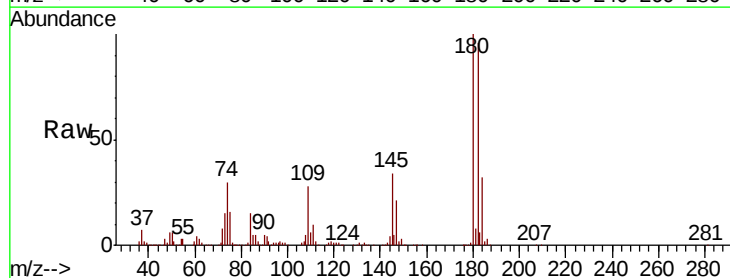
Tgt Ion:180 Resp: 219368

Ion Ratio Lower Upper

180 100

182 98.2 48.8 146.3

145 32.8 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

