

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\
 Data File : VX016166.D
 Acq On : 13 May 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 14 04:23:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	299358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	465835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	428415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	186265	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
35) Dibromofluoromethane	5.46	113	147411	49.95	ug/l	-0.01
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	8.70	98	588417	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.12	95	223704	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	162660	51.335	ug/l	100
3) Chloromethane	1.31	50	175723	47.753	ug/l	99
4) Vinyl Chloride	1.39	62	185050	47.135	ug/l	99
5) Bromomethane	1.62	94	83251	42.061	ug/l	97
6) Chloroethane	1.70	64	112616	47.144	ug/l	99
7) Trichlorofluoromethane	1.92	101	245463	47.624	ug/l	99
8) Diethyl Ether	2.17	74	100897	46.460	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140826	47.357	ug/l	97
10) Methyl Iodide	2.49	142	167006	41.811	ug/l	99
11) Tert butyl alcohol	3.01	59	204558	205.352	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142365	45.749	ug/l	97
13) Acrolein	2.27	56	120685	193.608	ug/l	99
14) Allyl chloride	2.70	41	270429	47.396	ug/l	96
15) Acrylonitrile	3.11	53	479539	232.056	ug/l	99
16) Acetone	2.42	43	366699	208.630	ug/l	97
17) Carbon Disulfide	2.55	76	433845	46.410	ug/l	100
18) Methyl Acetate	2.75	43	207343	47.978	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	536981	50.057	ug/l	100
20) Methylene Chloride	2.83	84	169289	46.721	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	164730	47.503	ug/l	99
22) Diisopropyl ether	3.82	45	532106	49.433	ug/l	89
23) Vinyl Acetate	3.78	43	2314293	244.376	ug/l	99
24) 1,1-Dichloroethane	3.67	63	301234	50.027	ug/l	100
25) 2-Butanone	4.63	43	610892	215.688	ug/l	99
26) 2,2-Dichloropropane	4.54	77	274558	49.928	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	187420	49.437	ug/l	99
28) Bromochloromethane	4.98	49	138908	50.591	ug/l	98
29) Tetrahydrofuran	5.08	42	425329	226.639	ug/l	99
30) Chloroform	5.18	83	296728	49.493	ug/l	99
31) Cyclohexane	5.55	56	267032	48.796	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	269324	49.420	ug/l	99
36) 1,1-Dichloropropene	5.76	75	230502	50.268	ug/l	99
37) Ethyl Acetate	4.79	43	253797	47.754	ug/l	99
38) Carbon Tetrachloride	5.75	117	241632	51.843	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	263171	47.657	ug/l	99
40) Benzene	6.11	78	682509	50.869	ug/l	99
41) Methacrylonitrile	5.00	41	137651	47.959	ug/l	98
42) 1,2-Dichloroethane	6.16	62	236609	48.955	ug/l	98
43) Isopropyl Acetate	6.41	43	414271	48.854	ug/l	99
44) Trichloroethene	7.19	130	251723	52.810	ug/l	97
45) 1,2-Dichloropropane	7.49	63	177288	52.221	ug/l	98
46) Dibromomethane	7.63	93	116412	50.458	ug/l	99
47) Bromodichloromethane	7.87	83	245135	52.170	ug/l	98
48) Methyl methacrylate	7.74	41	195611	48.682	ug/l	97
49) 1,4-Dioxane	7.71	88	79930	829.422	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1268021	244.360	ug/l	99
52) Toluene	8.76	92	437306	52.291	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	290448	51.844	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	302815	51.748	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	170950	51.956	ug/l	99
56) Ethyl methacrylate	9.16	69	279613	52.062	ug/l	97
57) 1,3-Dichloropropane	9.35	76	297841	51.877	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	770520	269.480	ug/l	100
59) 2-Hexanone	9.47	43	989683	242.857	ug/l	99
60) Dibromochloromethane	9.57	129	195839	54.043	ug/l	99
61) 1,2-Dibromoethane	9.65	107	183354	51.446	ug/l	99
64) Tetrachloroethene	9.32	164	282145	53.646	ug/l	98
65) Chlorobenzene	10.12	112	466587	52.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	176082	53.107	ug/l	98
67) Ethyl Benzene	10.23	91	839429	52.446	ug/l	99
68) m/p-Xylenes	10.34	106	639194	106.590	ug/l	100
69) o-Xylene	10.68	106	305356	52.974	ug/l	99
70) Styrene	10.70	104	525465	53.733	ug/l	100
71) Bromoform	10.84	173	150223	55.611	ug/l #	99
73) Isopropylbenzene	11.00	105	814758	51.215	ug/l	99
74) N-amyl acetate	10.88	43	359830	48.492	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	124716	41.009	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	327614	66.007	ug/l	84
77) Bromobenzene	11.24	156	204361	49.768	ug/l	99
78) n-propylbenzene	11.34	91	938255	50.697	ug/l	99
79) 2-Chlorotoluene	11.40	91	552857	50.608	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	685488	51.034	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	104106	49.986	ug/l #	83
82) 4-Chlorotoluene	11.49	91	662497	51.356	ug/l	99
83) tert-Butylbenzene	11.76	119	575693	49.733	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	698517	51.438	ug/l	100
85) sec-Butylbenzene	11.93	105	760378	48.651	ug/l	100
86) p-Isopropyltoluene	12.05	119	717254	49.428	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	374641	50.813	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	379716	50.742	ug/l	100
89) n-Butylbenzene	12.37	91	633267	47.770	ug/l	100
90) Hexachloroethane	12.58	117	122627	49.206	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	359134	50.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58256	44.535	ug/l	97

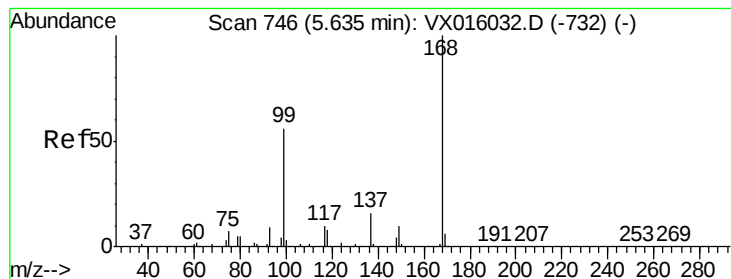
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	254524	48.424	ug/l	100
94) Hexachlorobutadiene	13.77	225	103700	45.862	ug/l	99
95) Naphthalene	13.82	128	825007	48.475	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	247046	48.093	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

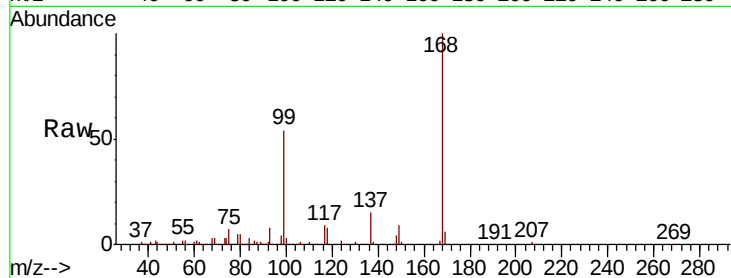
VSTDCCC050

Tot Ion:168 Resp: 299358

Ion Ratio Lower Upper

168 100

99 53.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

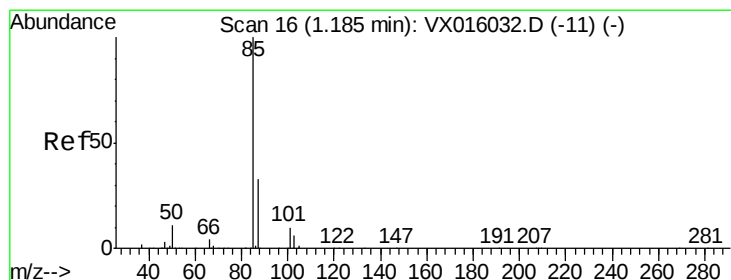
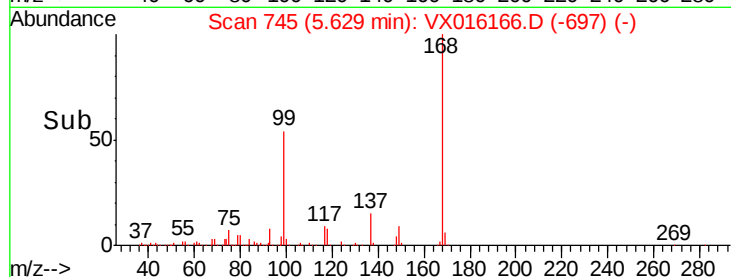
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.335 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016166.D

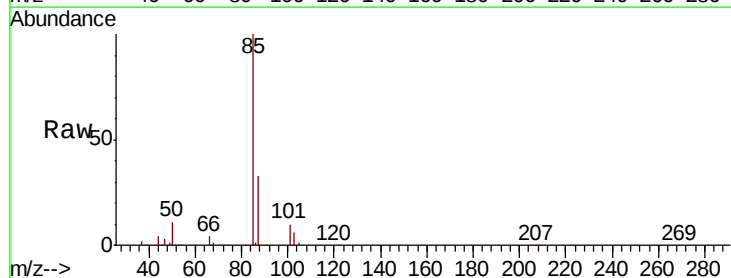
Acq: 13 May 2020 09:53

Tgt Ion: 85 Resp: 162660

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

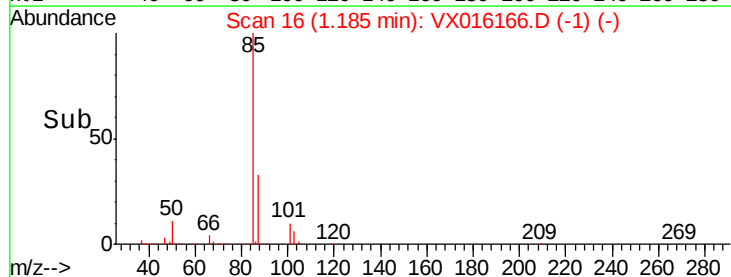
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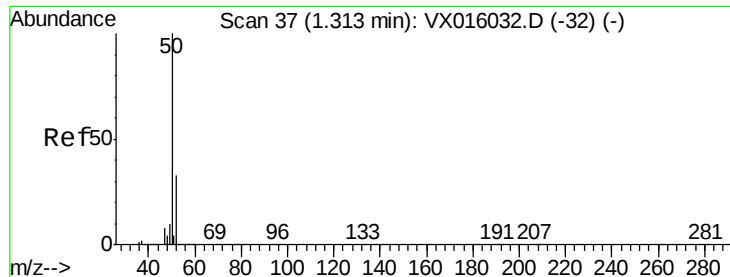
100000

50000

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Time-->





#3

Chloromethane

Concen: 47.753 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

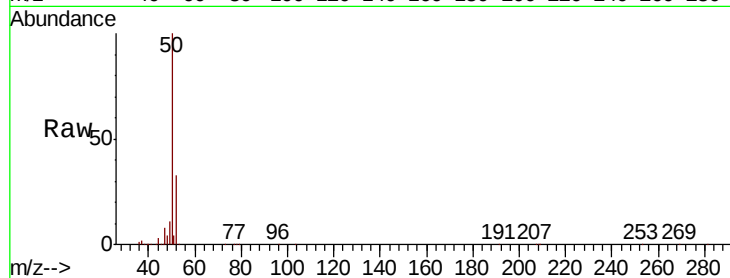
VSTDCCC050

Tot Ion: 50 Resp: 175723

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

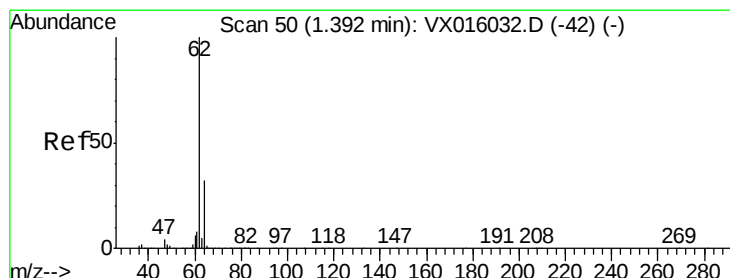
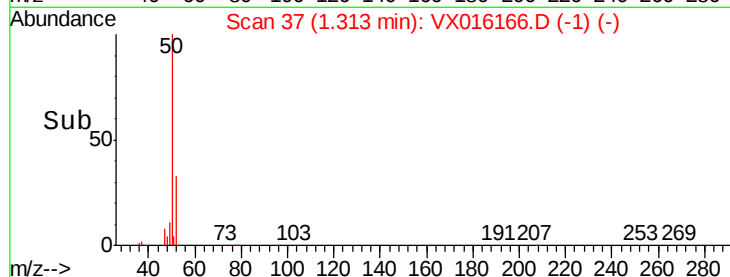
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.135 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016166.D

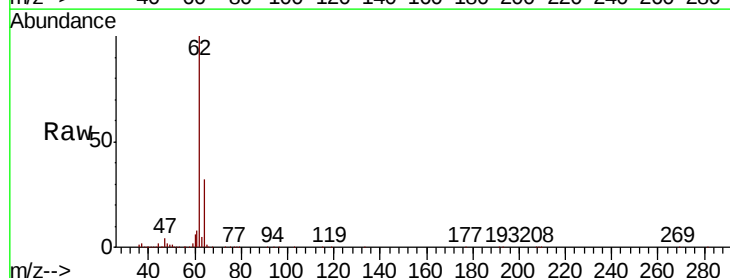
Acq: 13 May 2020 09:53

Tgt Ion: 62 Resp: 185050

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

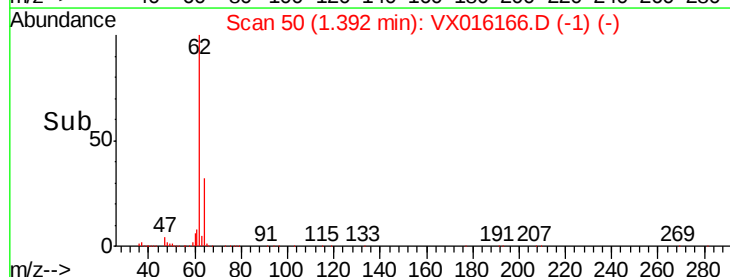
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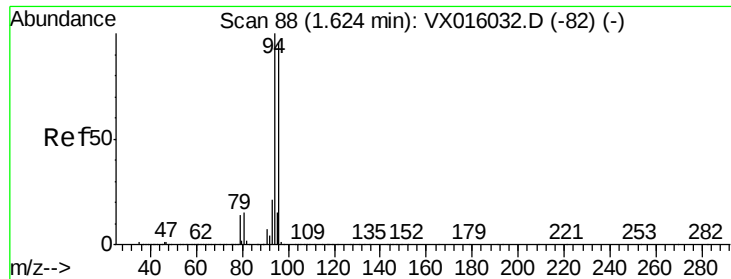
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.061 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

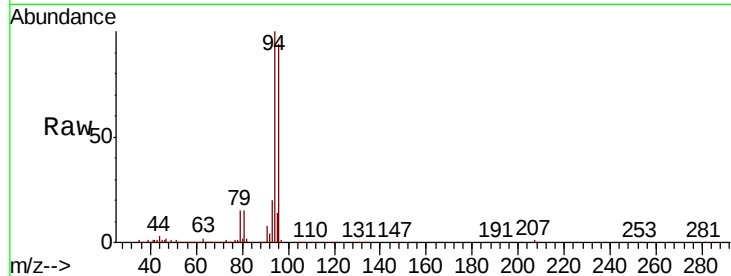
VSTDCCC050

Tot Ion: 94 Resp: 83251

Ion Ratio Lower Upper

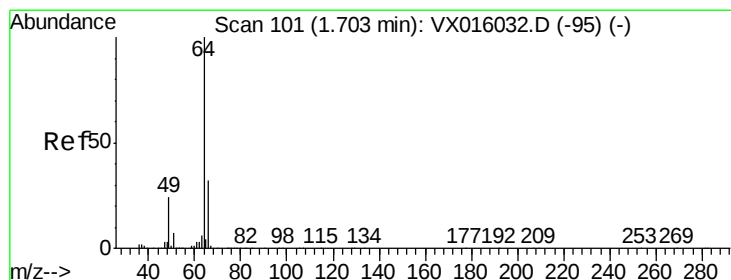
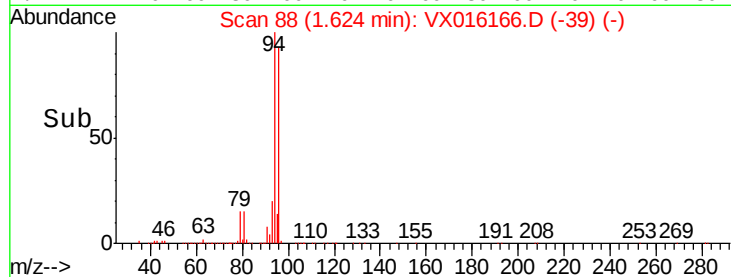
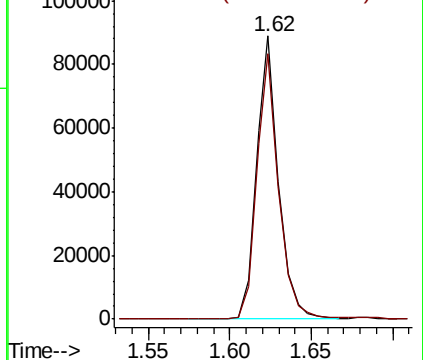
94 100

96 93.5 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.144 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016166.D

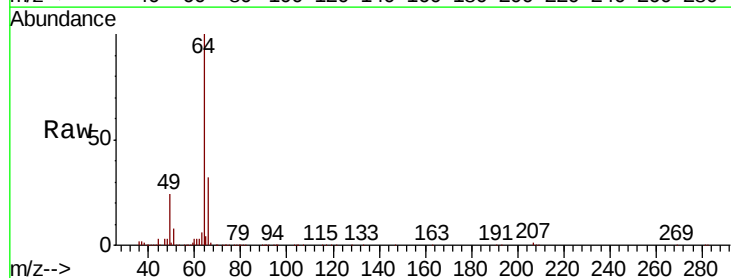
Acq: 13 May 2020 09:53

Tgt Ion: 64 Resp: 112616

Ion Ratio Lower Upper

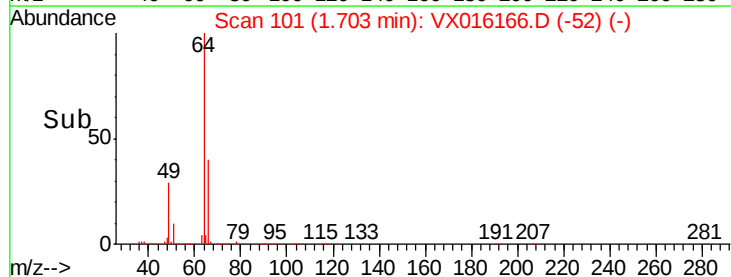
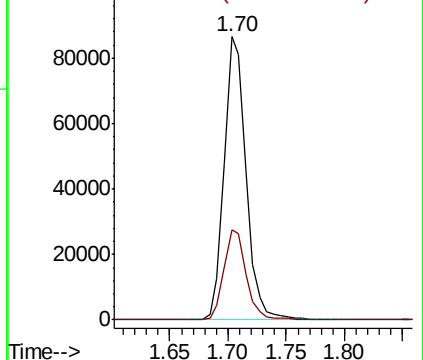
64 100

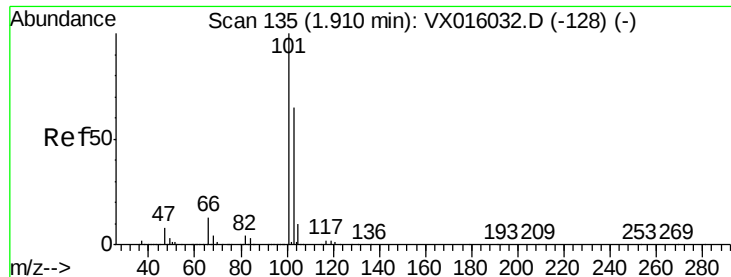
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



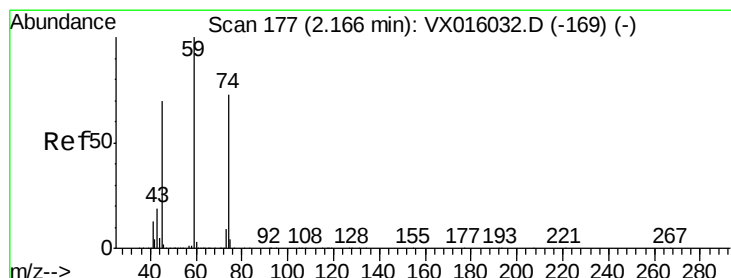
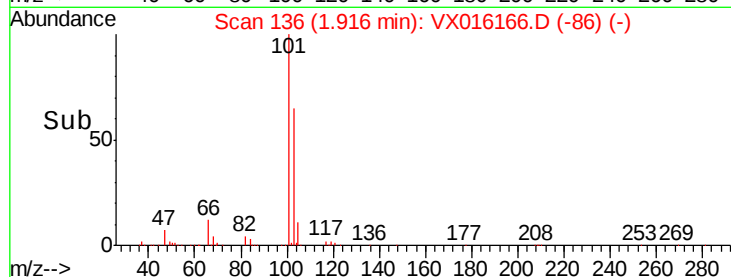
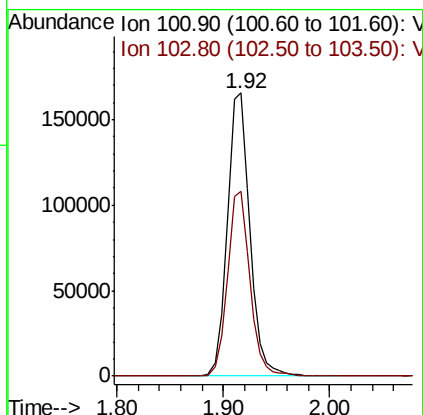
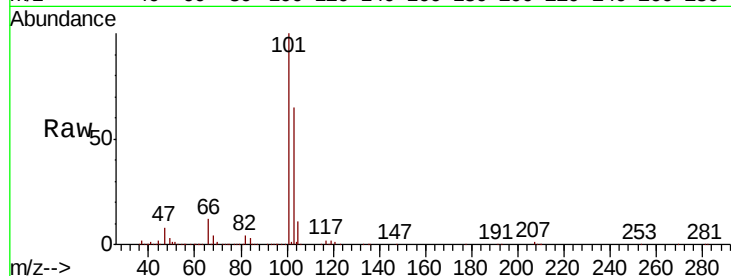


#7

Trichlorofluoromethane
Concen: 47.624 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

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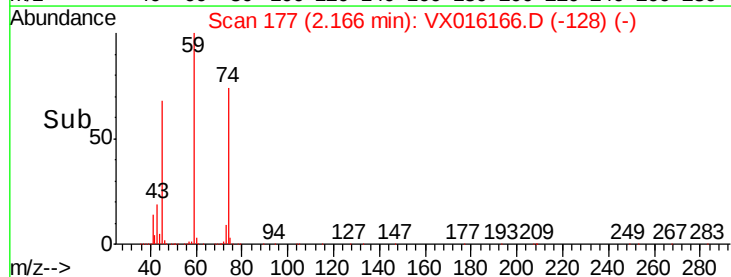
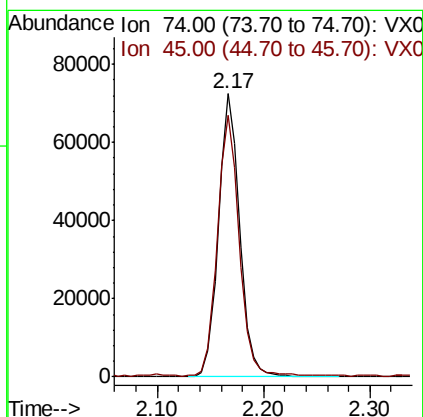
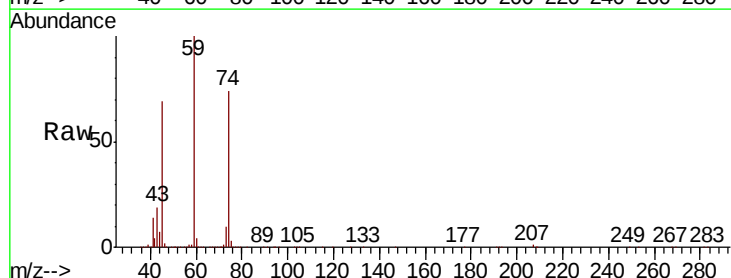
Tot Ion:101 Resp: 245463
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

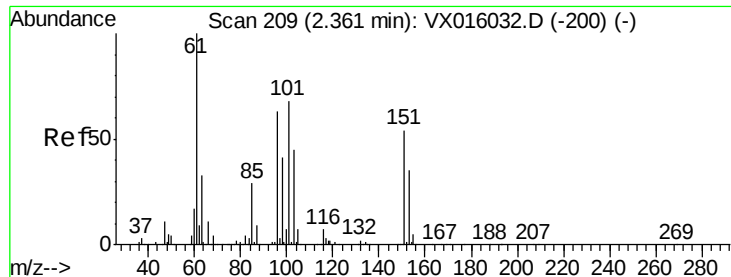


#8

Diethyl Ether
Concen: 46.460 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion: 74 Resp: 100897
Ion Ratio Lower Upper
74 100
45 93.9 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.357 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

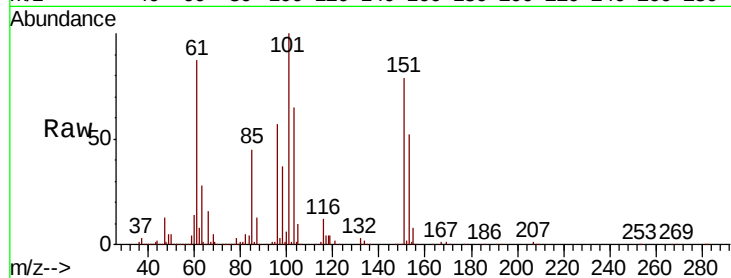
Tot Ion:101 Resp: 140826

Ion Ratio Lower Upper

101 100

85 44.2 34.2 51.4

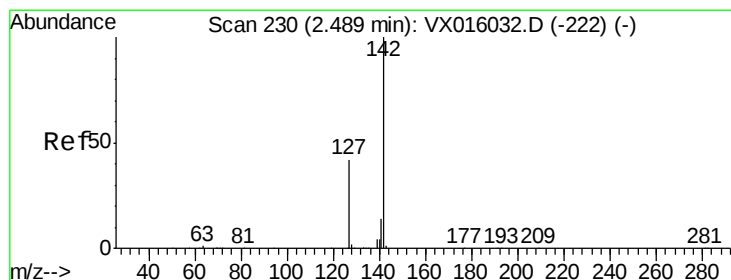
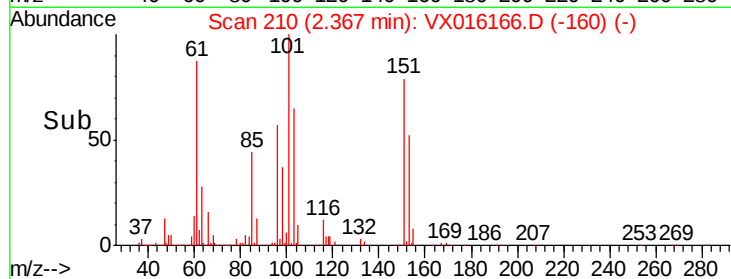
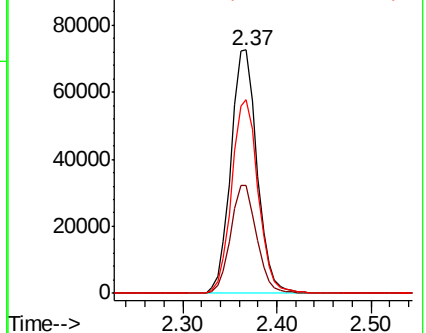
151 80.0 62.1 93.1



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: 41.811 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

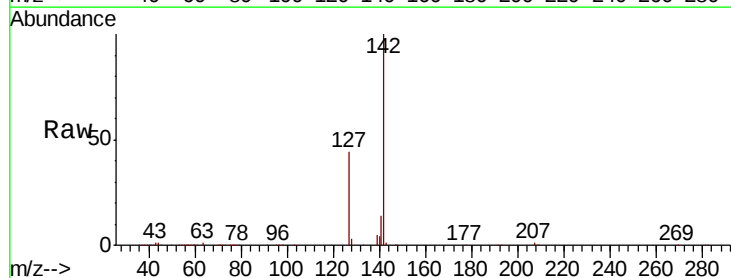
Tgt Ion:142 Resp: 167006

Ion Ratio Lower Upper

142 100

127 42.7 34.6 52.0

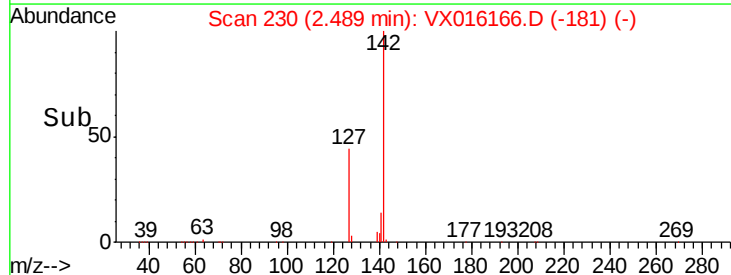
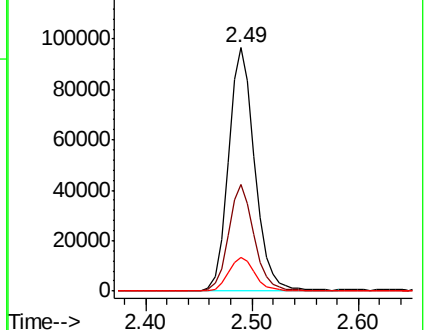
141 14.0 11.3 16.9

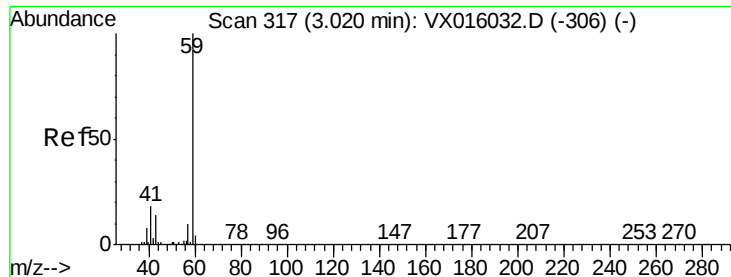


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



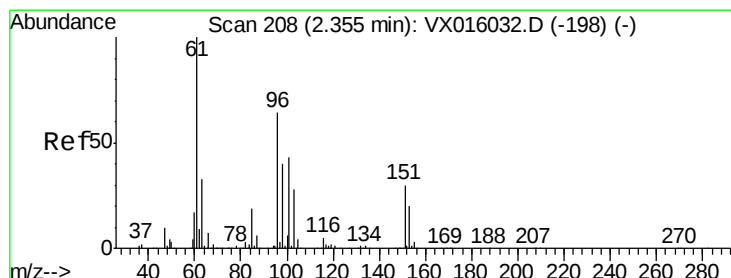
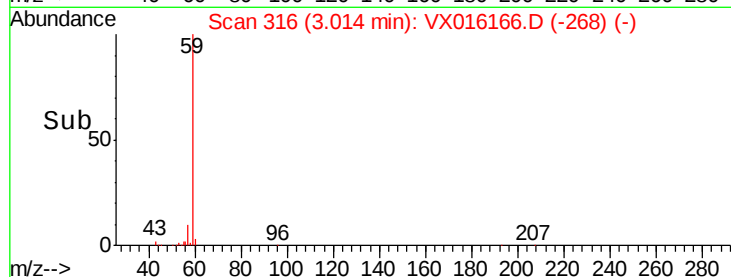
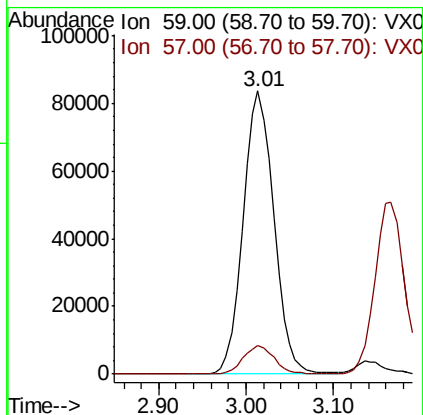
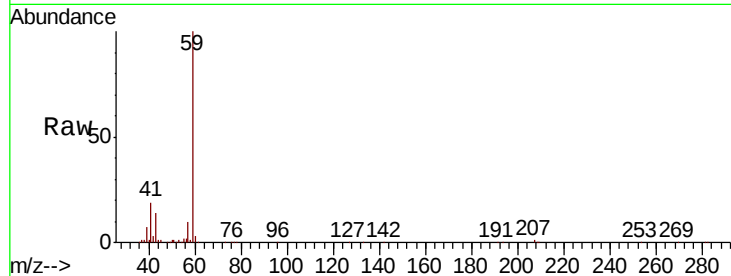


#11

Tert butyl alcohol
 Concen: 205.352 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

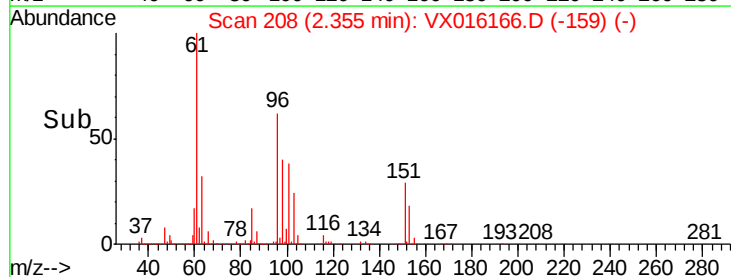
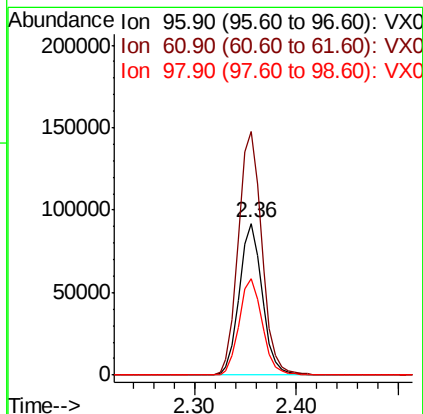
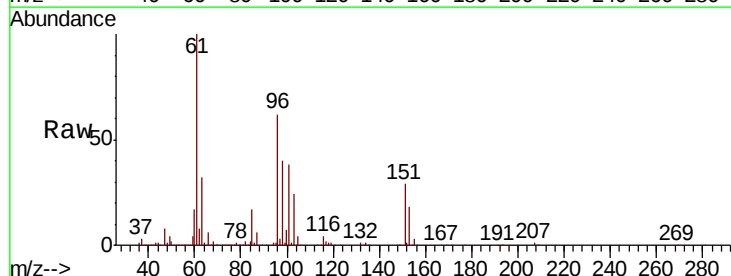
Tot Ion: 59 Resp: 204558
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

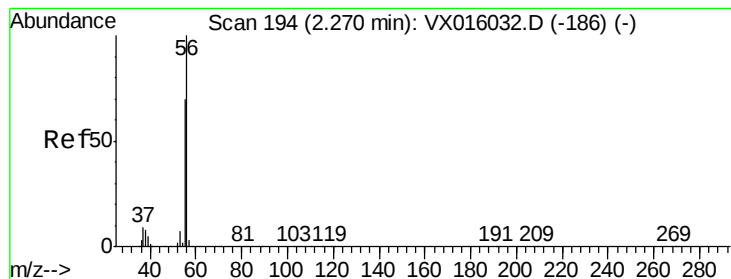


#12

1,1-Dichloroethene
 Concen: 45.749 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Tgt Ion: 96 Resp: 142365
 Ion Ratio Lower Upper
 96 100
 61 160.4 124.8 187.2
 98 63.6 49.7 74.5





#13

Acrolein

Concen: 193.608 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

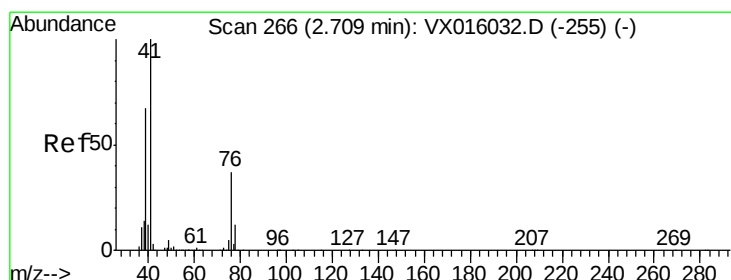
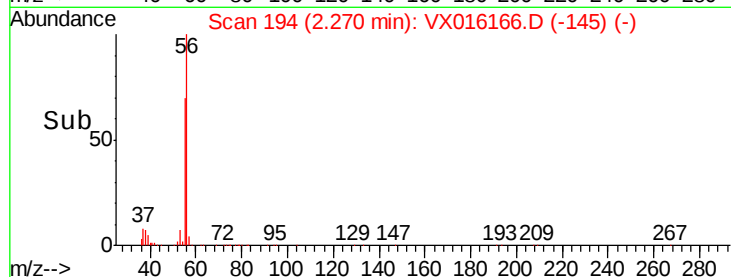
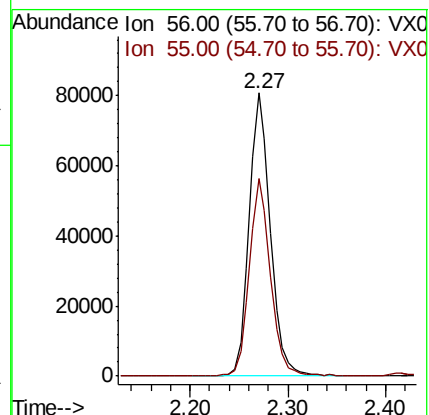
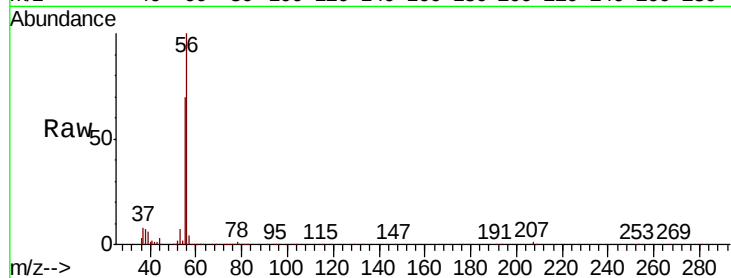
VSTDCCC050

Tot Ion: 56 Resp: 120685

Ion Ratio Lower Upper

56 100

55 69.6 56.5 84.7



#14

Allyl chloride

Concen: 47.396 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

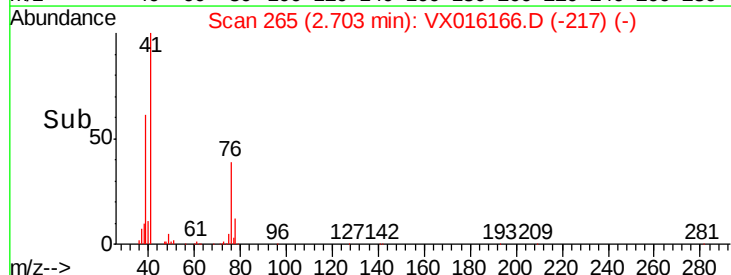
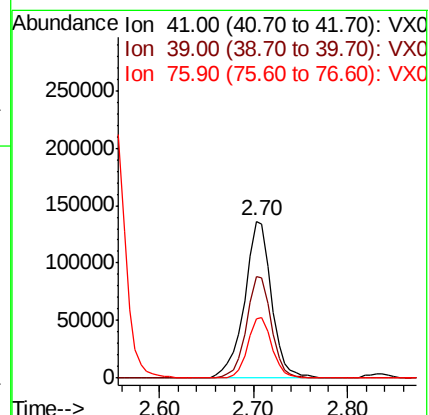
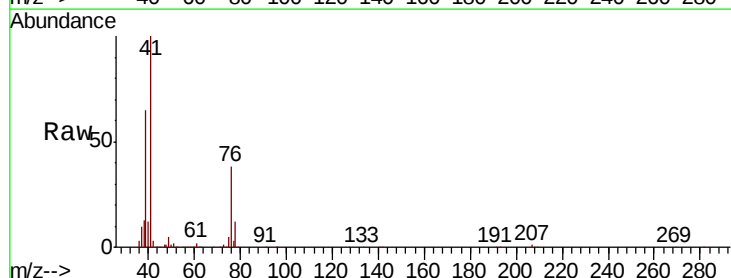
Tgt Ion: 41 Resp: 270429

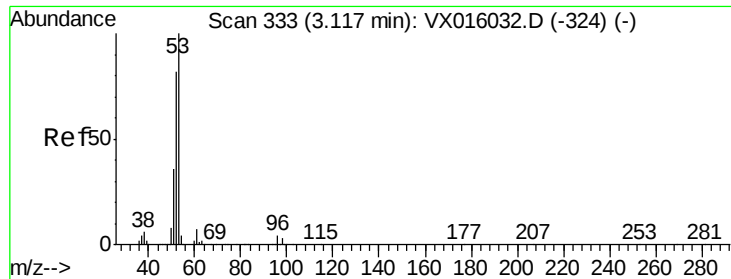
Ion Ratio Lower Upper

41 100

39 59.9 50.5 75.7

76 34.7 26.6 40.0



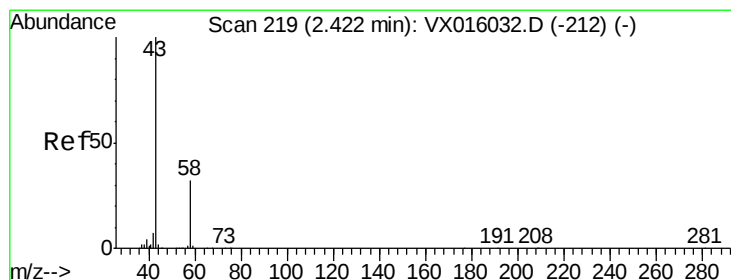
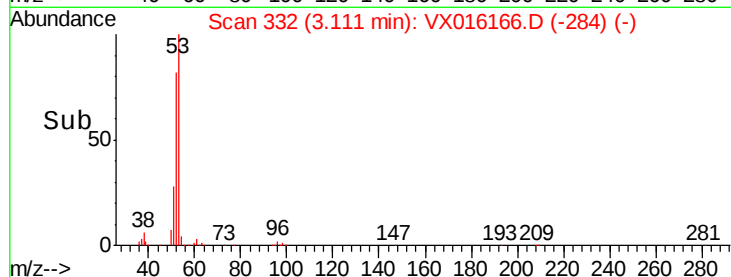
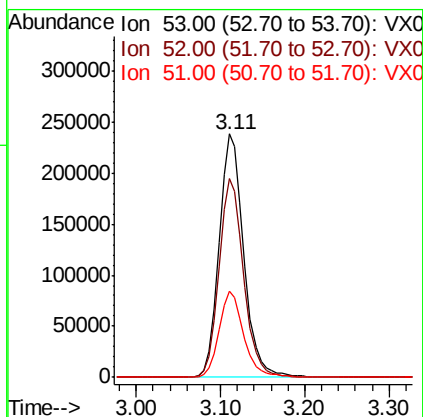
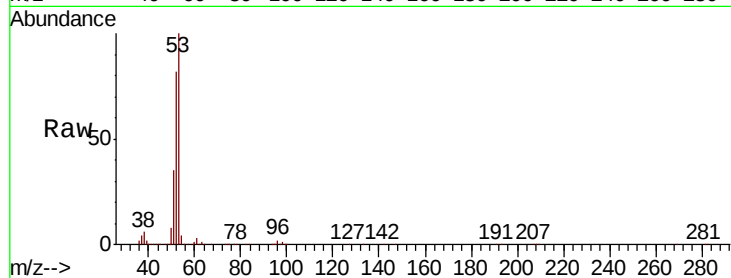


#15
 Acrylonitrile
 Concen: 232.056 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 479539

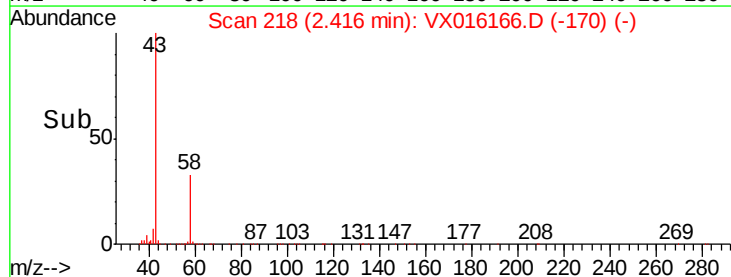
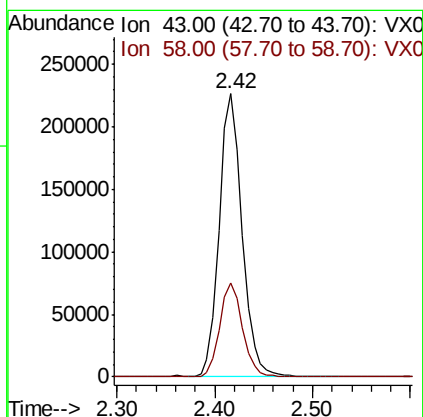
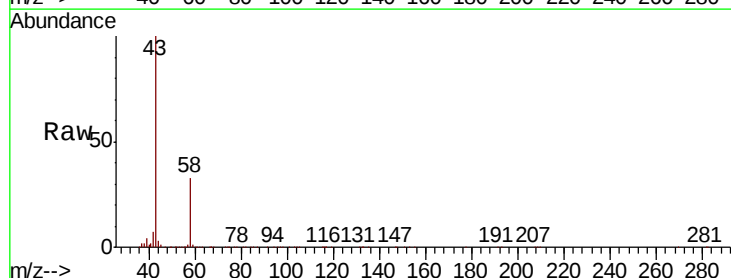
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	35.3	28.8	43.2

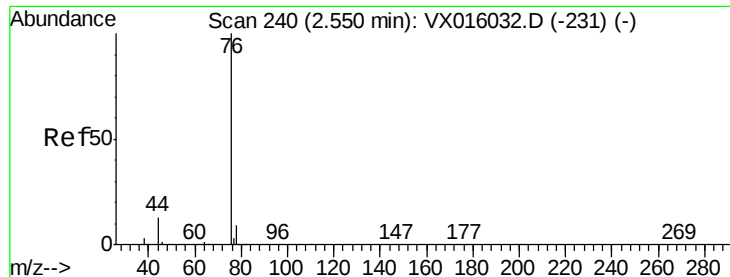


#16
 Acetone
 Concen: 208.630 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Tgt Ion: 43 Resp: 366699

Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.4	38.0





#17

Carbon Disulfide

Concen: 46.410 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

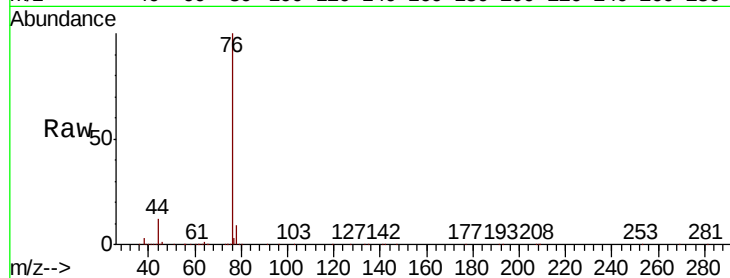
VSTDCCC050

Tot Ion: 76 Resp: 433845

Ion Ratio Lower Upper

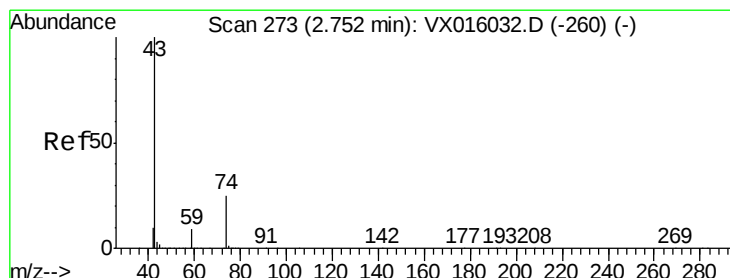
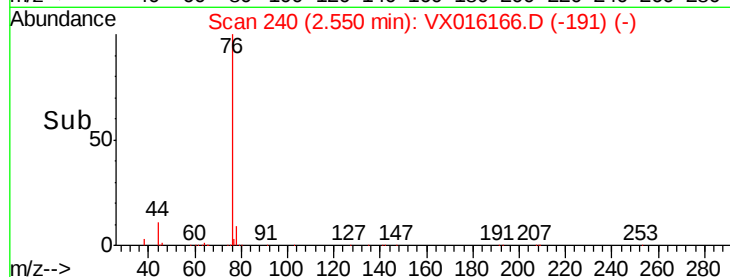
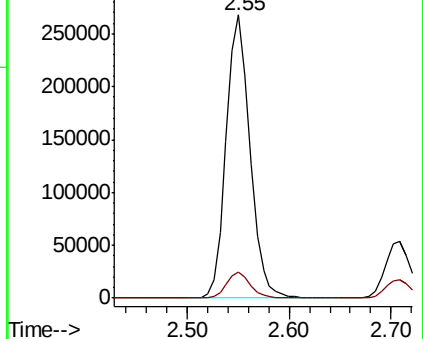
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.978 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016166.D

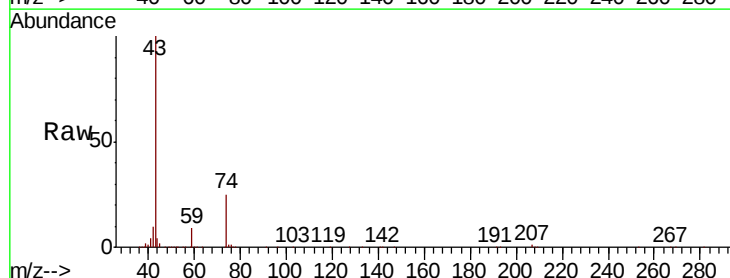
Acq: 13 May 2020 09:53

Tgt Ion: 43 Resp: 207343

Ion Ratio Lower Upper

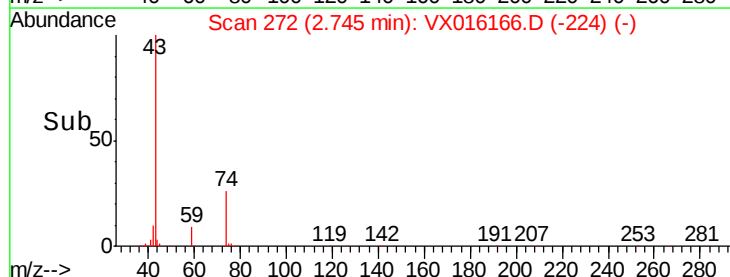
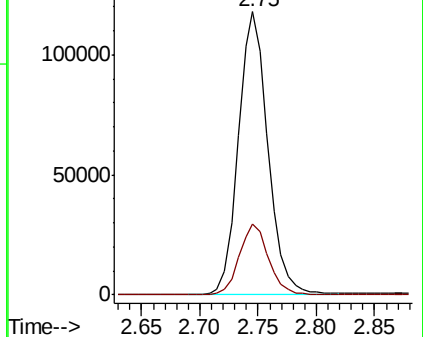
43 100

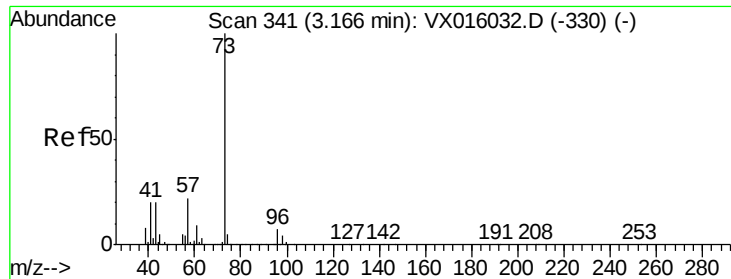
74 25.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



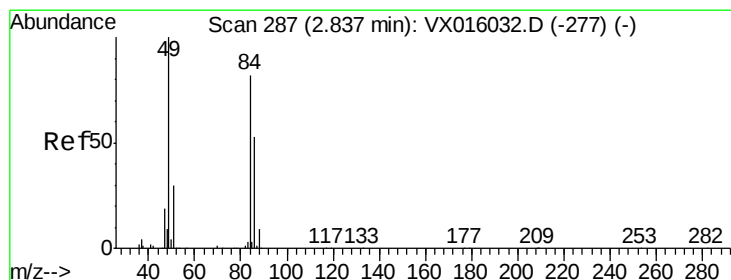
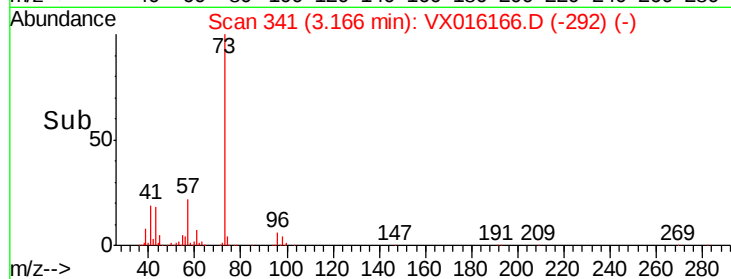
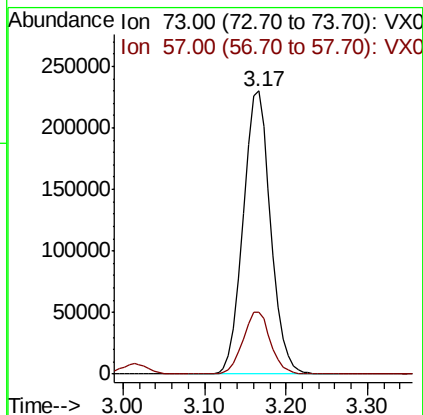
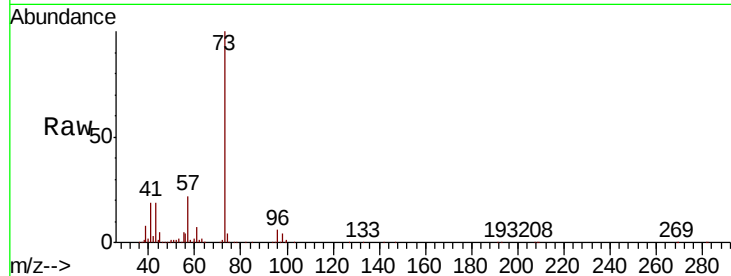


#19

Methyl tert-butyl Ether
 Concen: 50.057 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

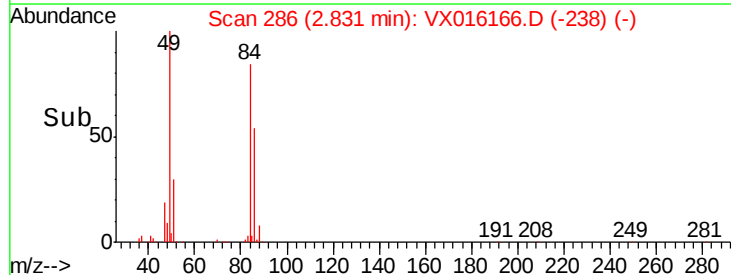
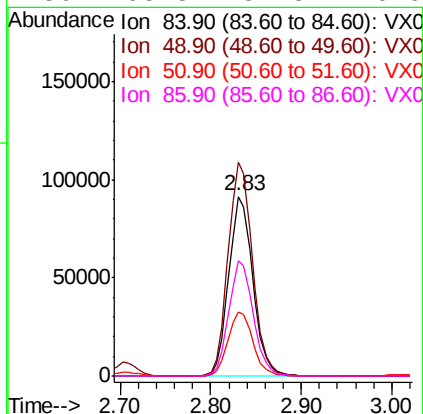
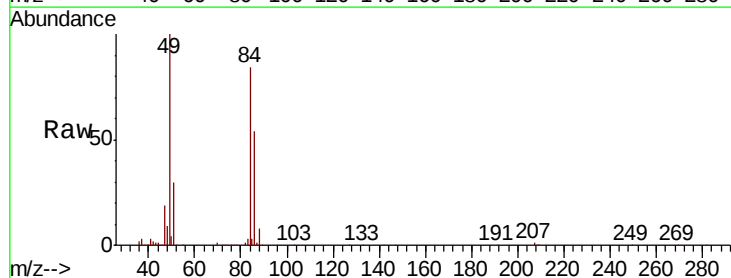
Tot Ion: 73 Resp: 536981
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.8 26.6

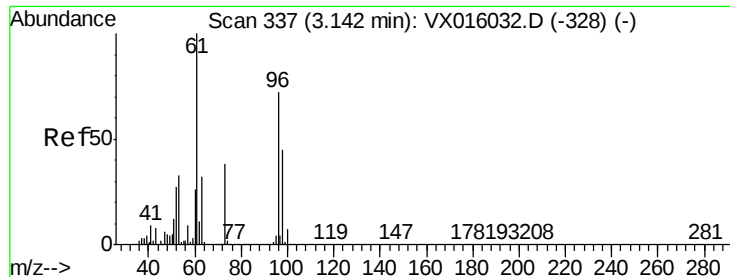


#20

Methylene Chloride
 Concen: 46.721 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Tgt Ion: 84 Resp: 169289
 Ion Ratio Lower Upper
 84 100
 49 118.9 97.3 145.9
 51 35.9 29.3 43.9
 86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.503 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

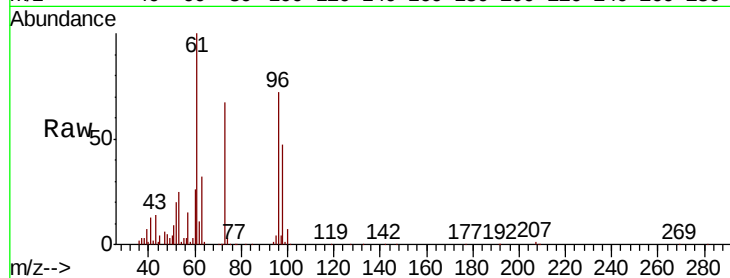
Tot Ion: 96 Resp: 164730

Ion Ratio Lower Upper

96 100

61 138.2 111.2 166.8

98 65.1 50.2 75.4

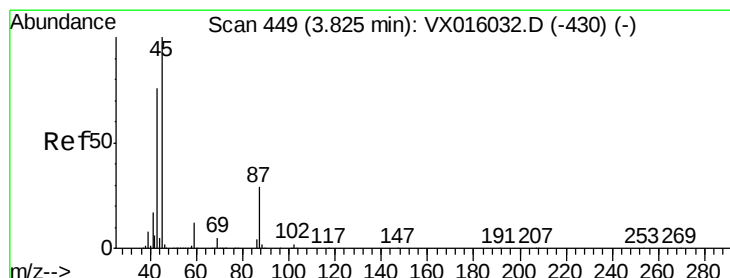
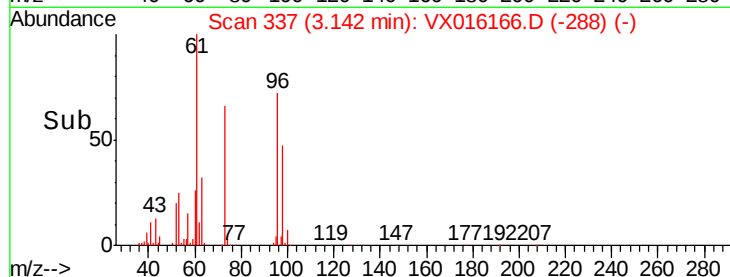
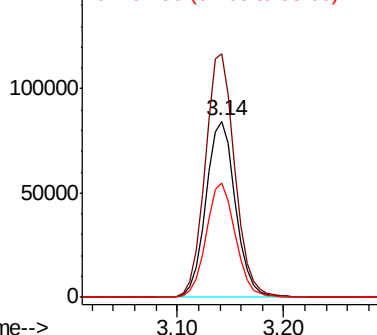


Abundance

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: 49.433 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Tgt Ion: 45 Resp: 532106

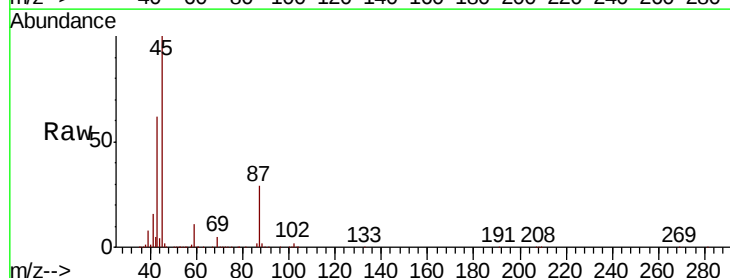
Ion Ratio Lower Upper

45 100

43 61.7 61.1 91.7

87 28.6 23.0 34.6

59 11.3 9.8 14.6



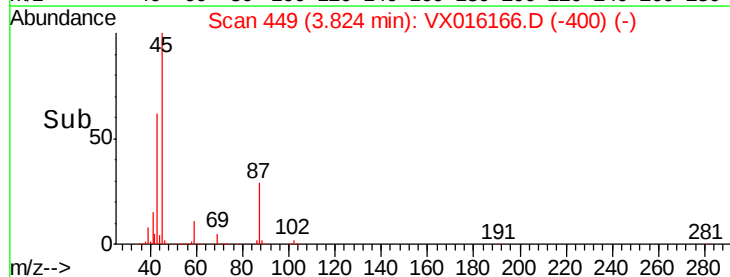
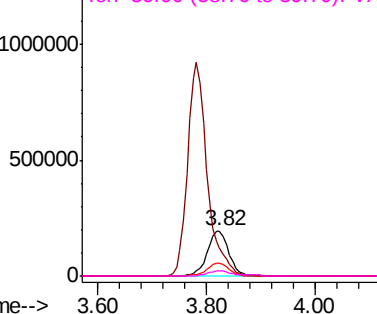
Abundance

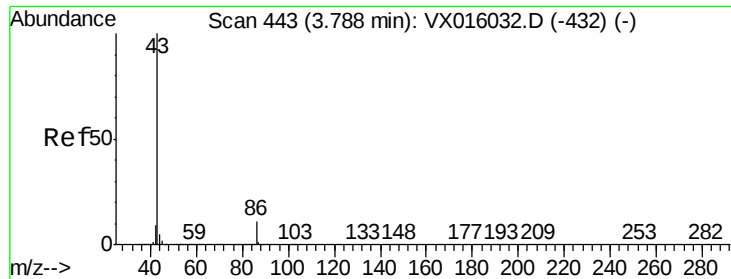
Ion 45.00 (44.70 to 45.70): VX0

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: 244.376 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

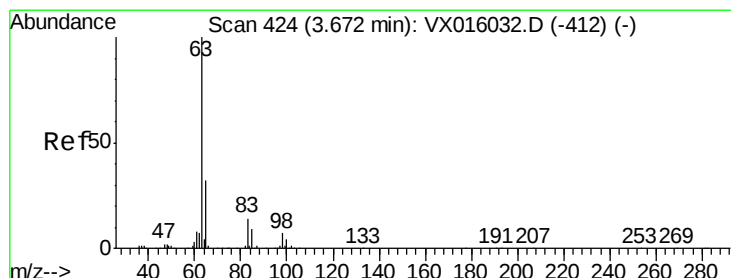
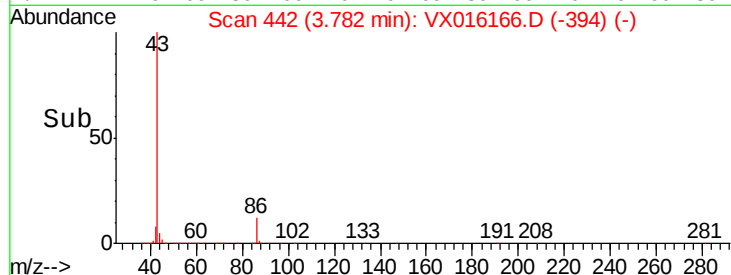
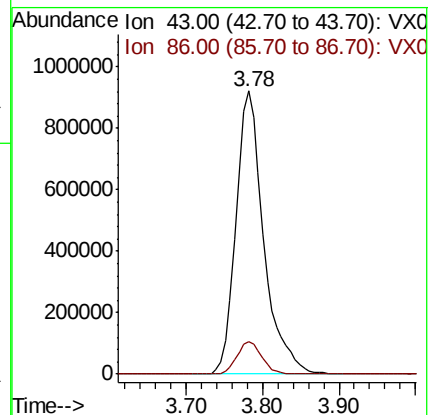
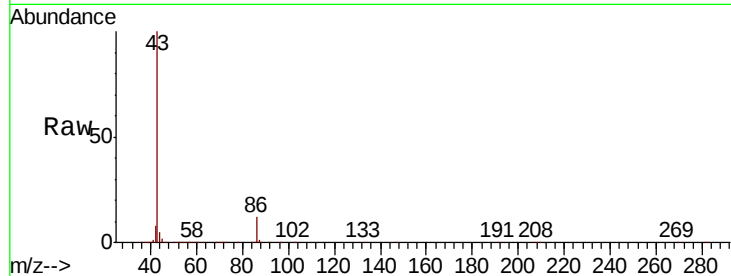
VSTDCCC050

Tot Ion: 43 Resp: 2314293

Ion Ratio Lower Upper

43 100

86 11.5 9.0 13.4



#24

1,1-Dichloroethane

Concen: 50.027 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

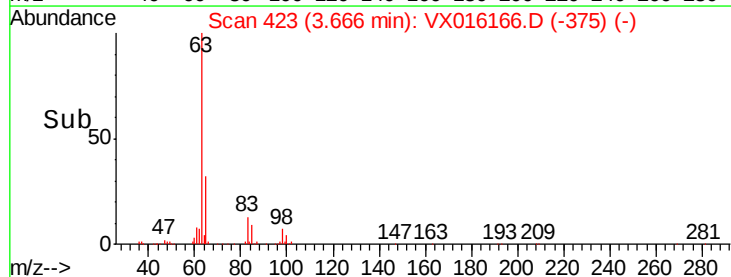
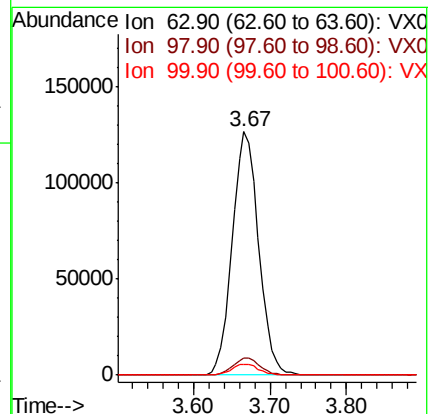
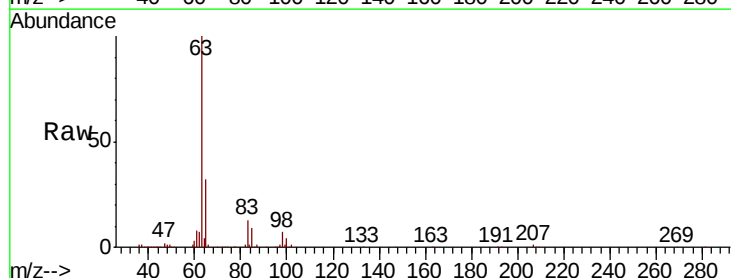
Tgt Ion: 63 Resp: 301234

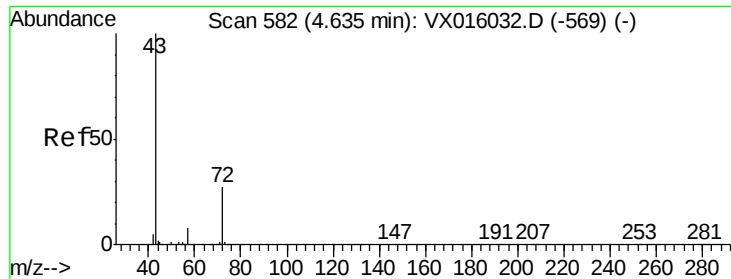
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.4 2.1 6.5

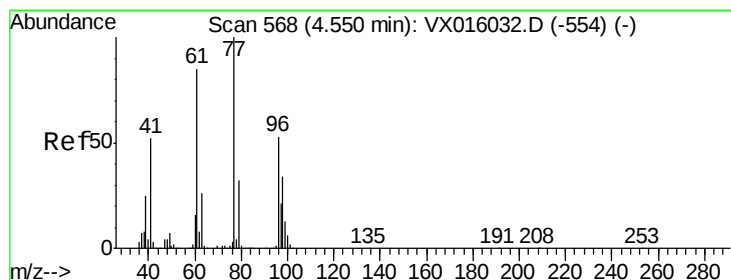
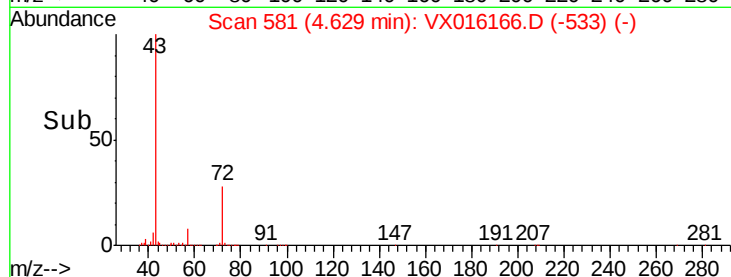
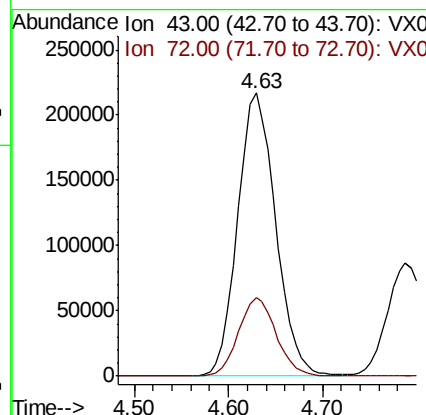
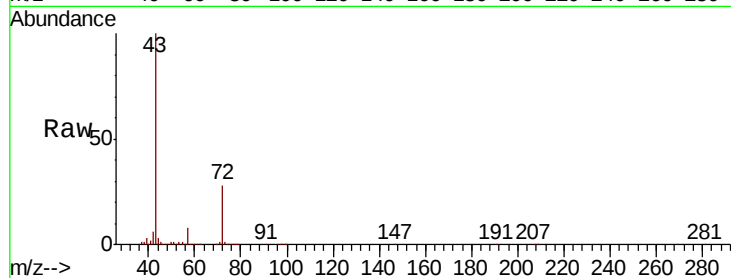




#25
2-Butanone
Concen: 215.688 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

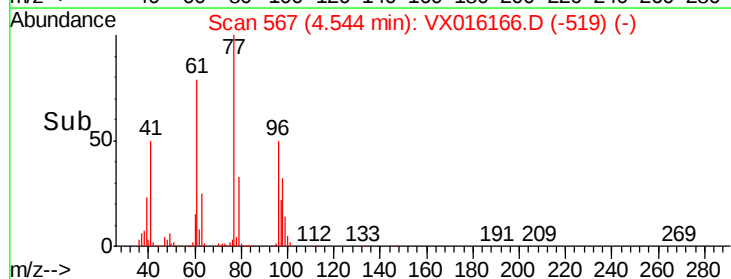
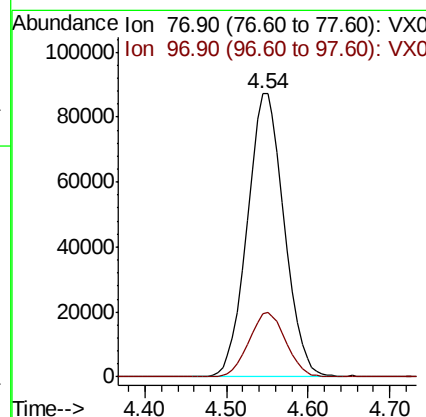
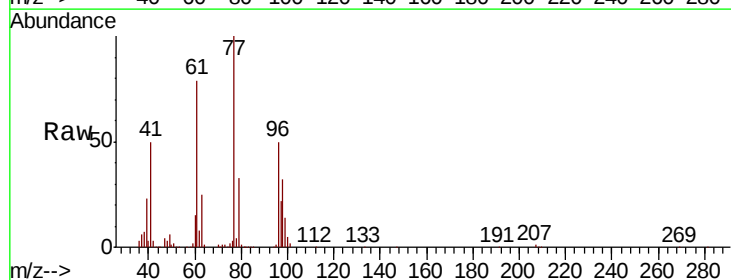
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

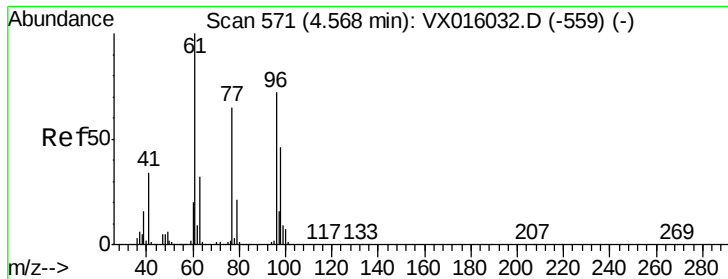
Tot Ion: 43 Resp: 610892
Ion Ratio Lower Upper
43 100
72 27.7 21.8 32.8



#26
2,2-Dichloropropane
Concen: 49.928 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion: 77 Resp: 274558
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6



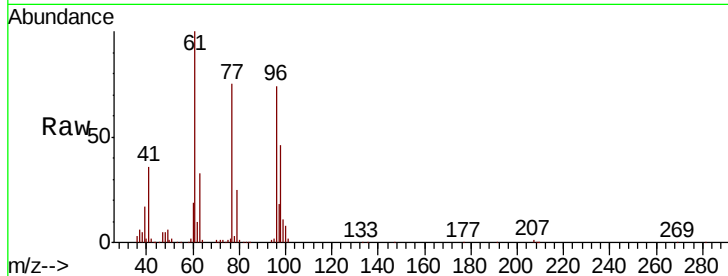


#27

cis-1,2-Dichloroethene
 Concen: 49.437 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	296.2
98	64.9	0.0	129.4

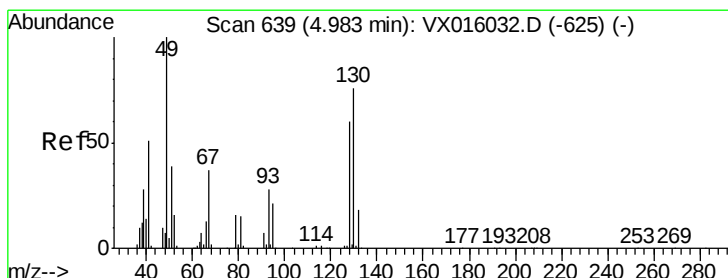
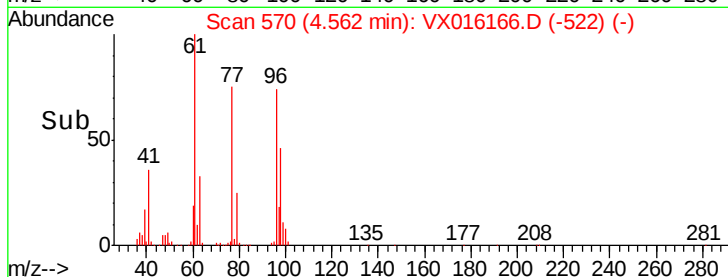
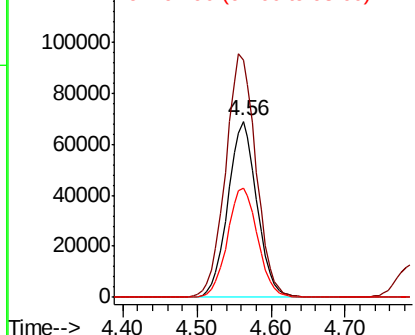


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

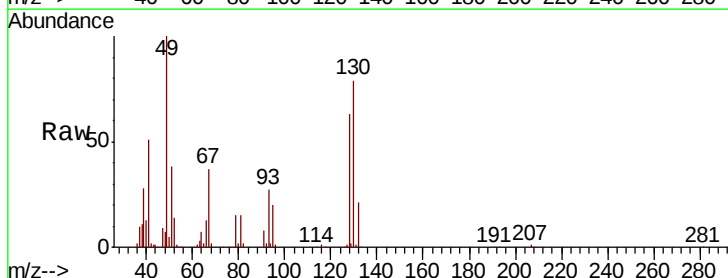
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 50.591 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.1	62.4	93.6

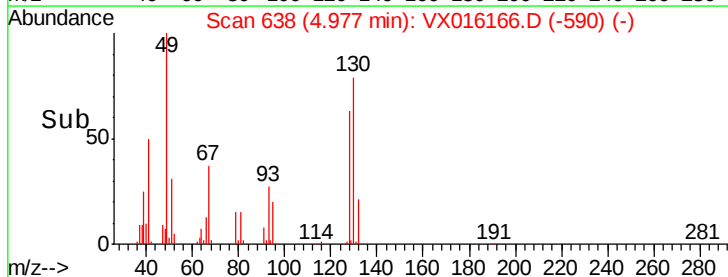
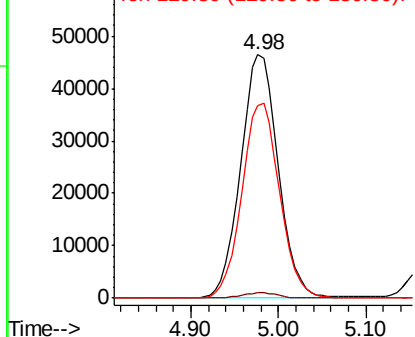


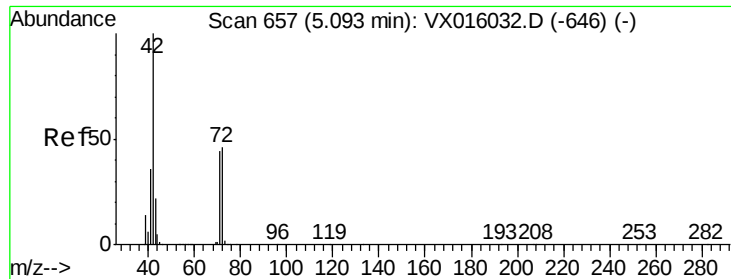
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

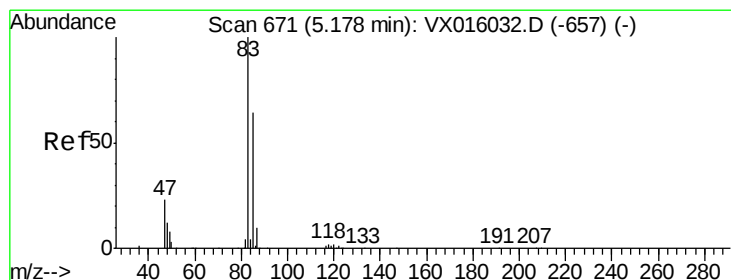
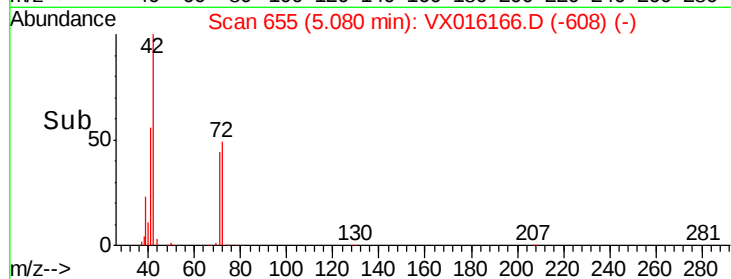
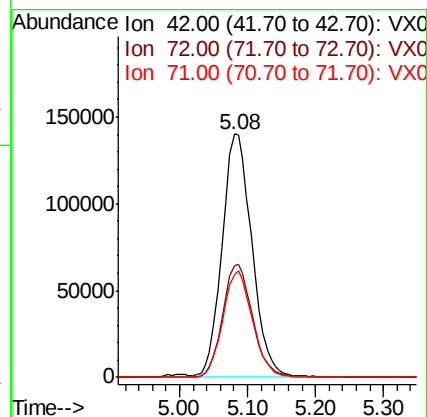
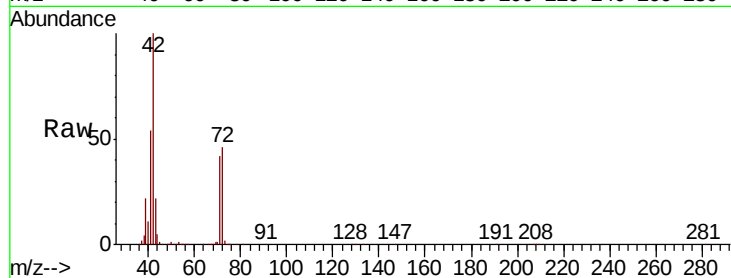




#29
Tetrahydrofuran
Concen: 226.639 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

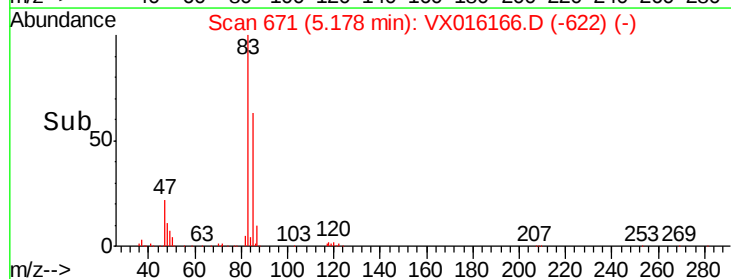
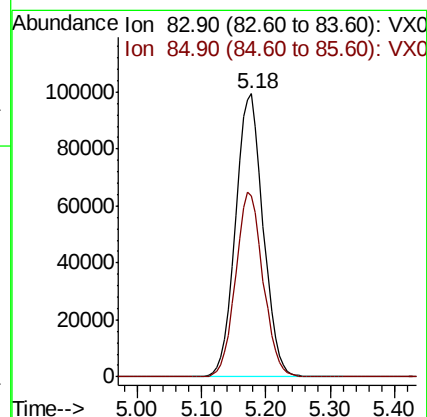
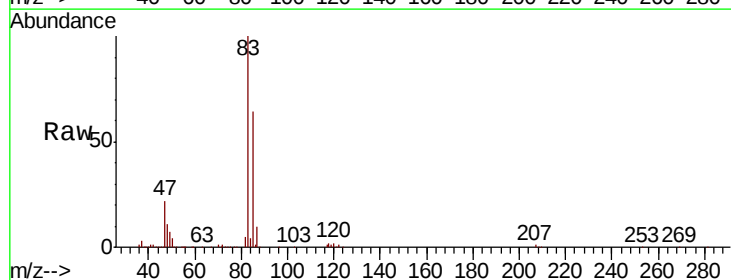
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

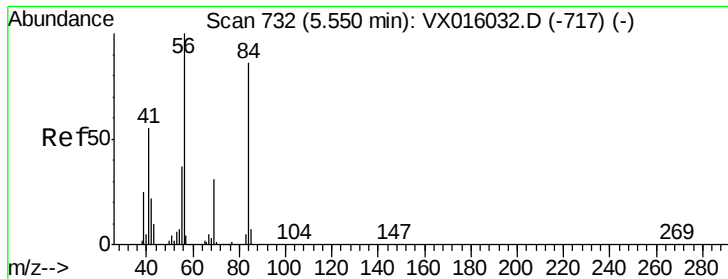
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.1	55.7
71	43.5	34.5	51.7



#30
Chloroform
Concen: 49.493 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4

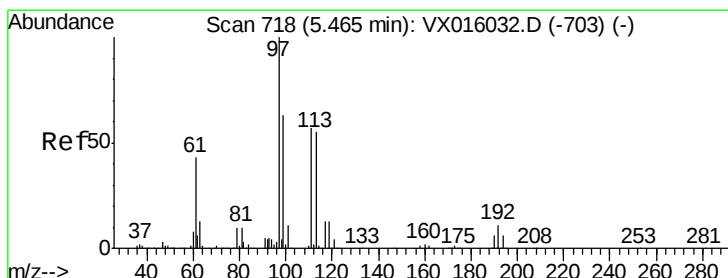
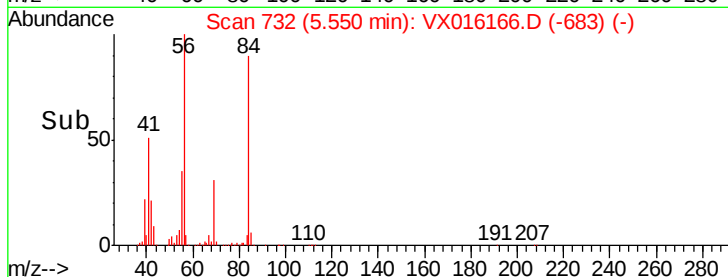
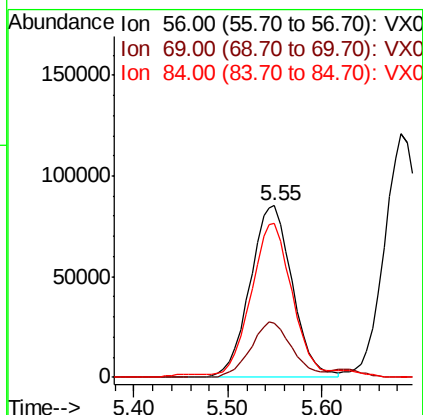
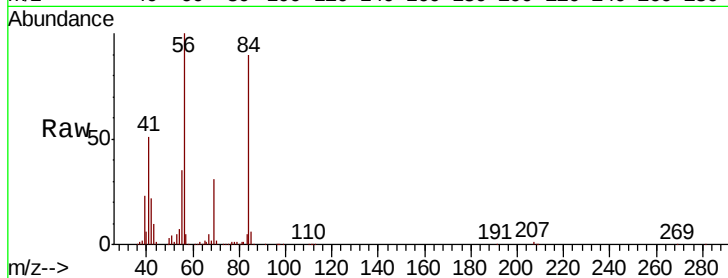




#31
Cyclohexane
Concen: 48.796 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

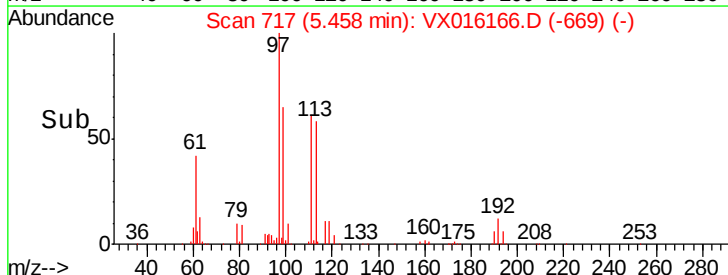
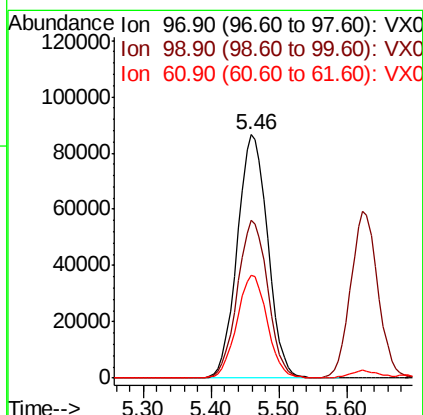
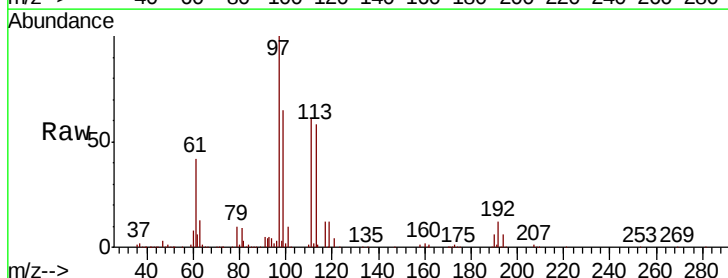
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

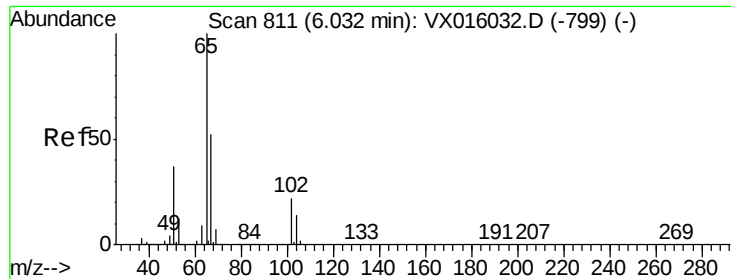
Tot Ion: 56 Resp: 267032
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.6
84 88.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 49.420 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion: 97 Resp: 269324
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 42.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.284 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

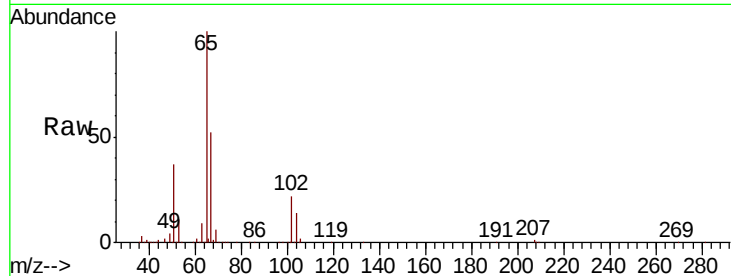
VSTDCCC050

Tot Ion: 65 Resp: 186265

Ion Ratio Lower Upper

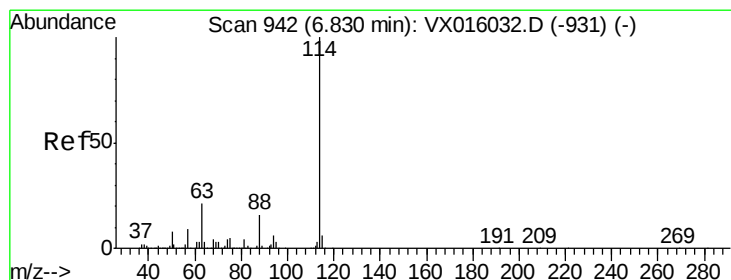
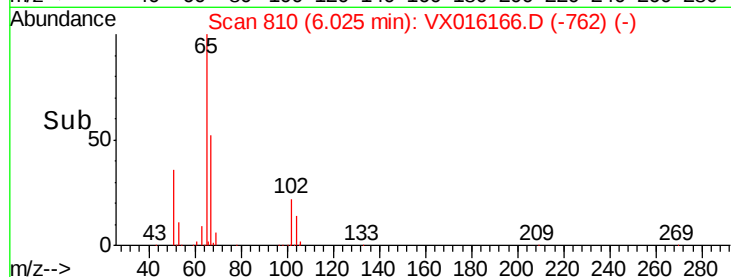
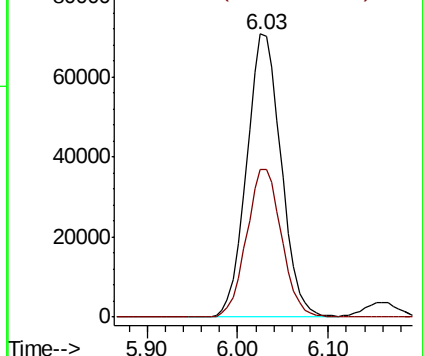
65 100

67 53.1 0.0 104.8



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: VX016166.D

Acq: 13 May 2020 09:53

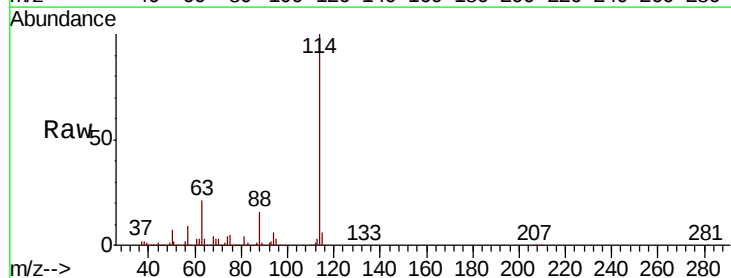
Tgt Ion: 114 Resp: 465835

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

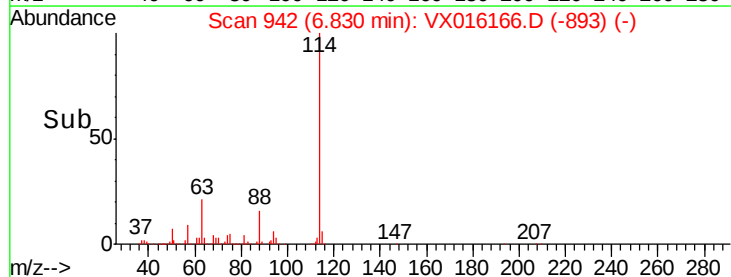
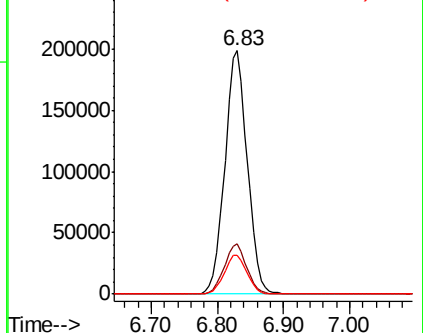
88 16.1 0.0 31.4

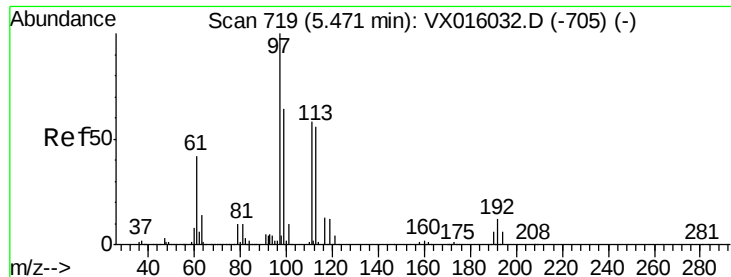


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

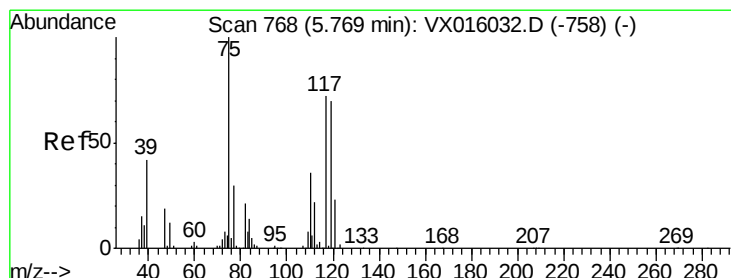
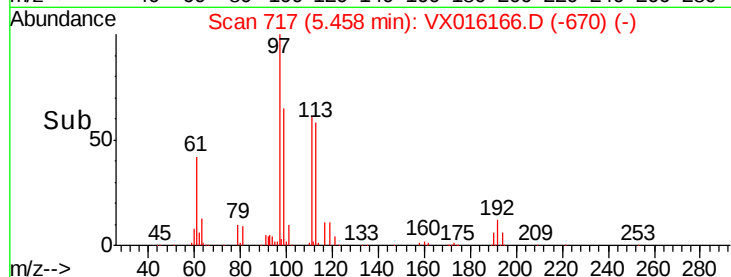
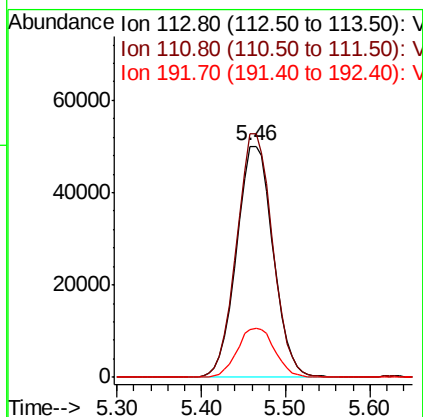
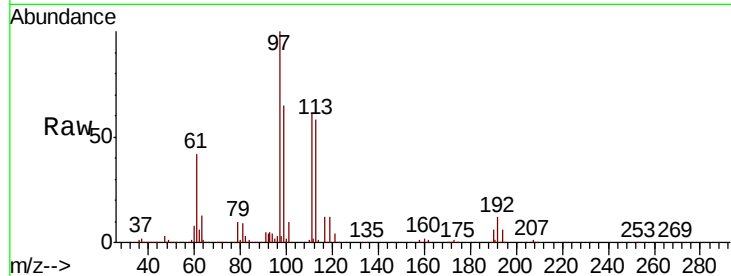




#35
Dibromofluoromethane
Concen: 49.948 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

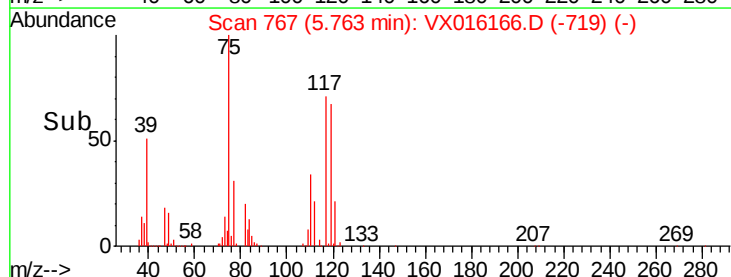
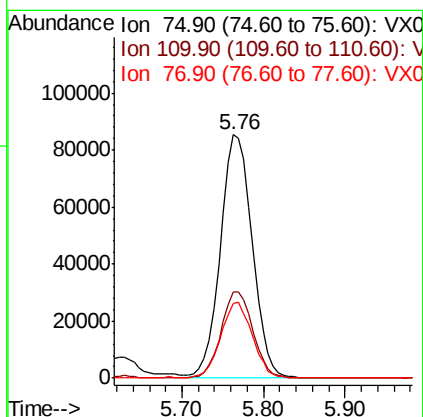
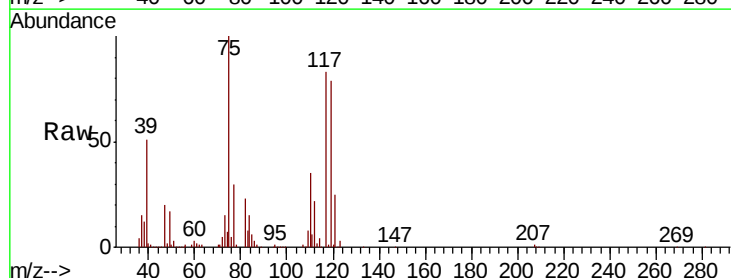
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

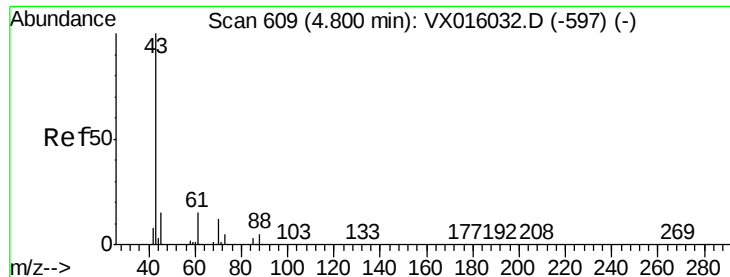
Tot Ion:113 Resp: 147411
Ion Ratio Lower Upper
113 100
111 103.5 81.6 122.4
192 21.8 17.0 25.4



#36
1,1-Dichloropropene
Concen: 50.268 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion: 75 Resp: 230502
Ion Ratio Lower Upper
75 100
110 35.6 18.1 54.1
77 31.1 25.0 37.6

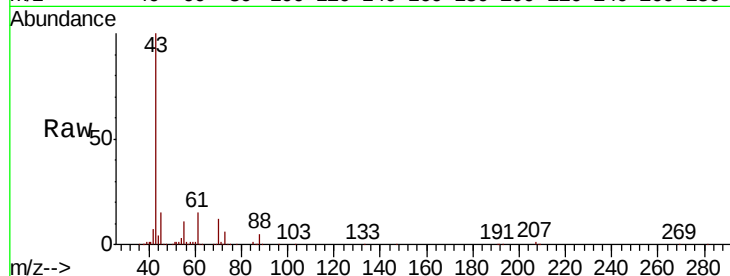




#37
Ethyl Acetate
Concen: 47.754 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.7	17.5
70	11.9	9.3	13.9

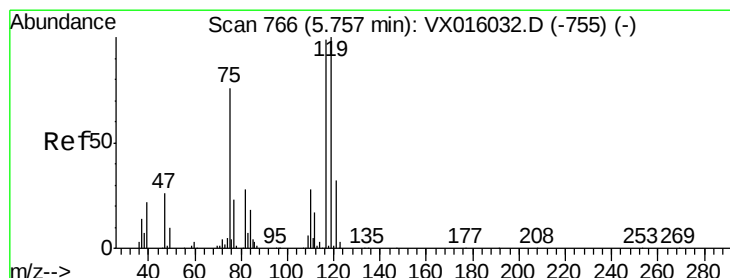
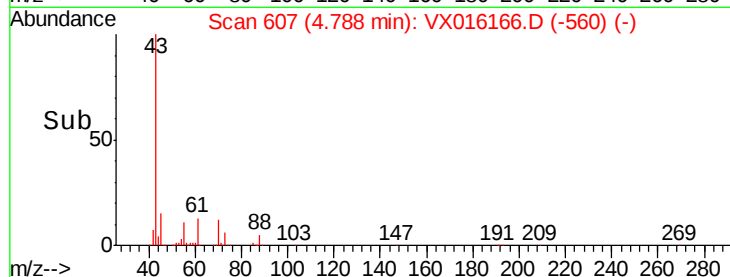
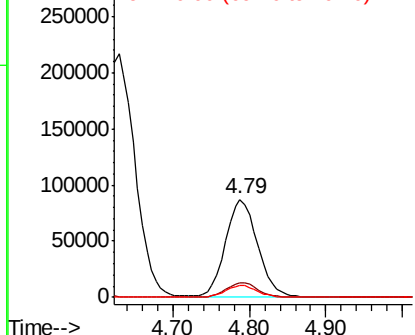


Abundance

Ion 43.00 (42.70 to 43.70): VX0

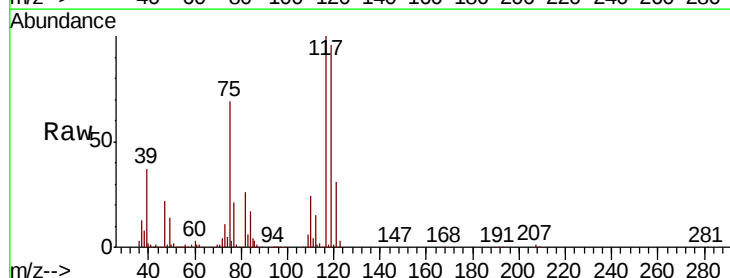
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 51.843 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	80.3	120.5
121	31.2	25.7	38.5

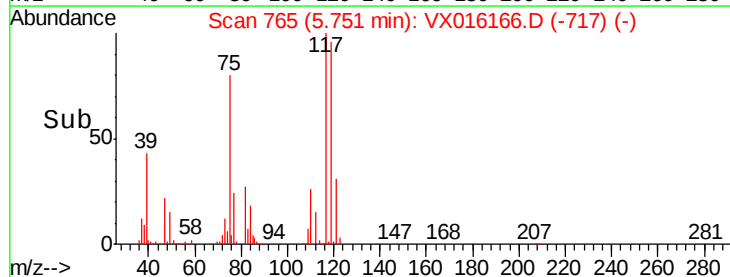
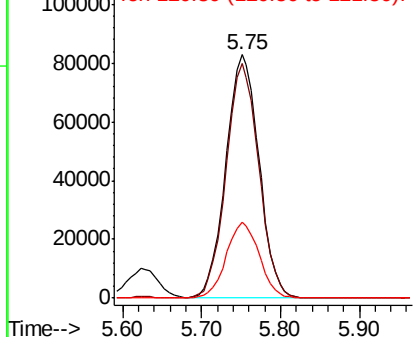


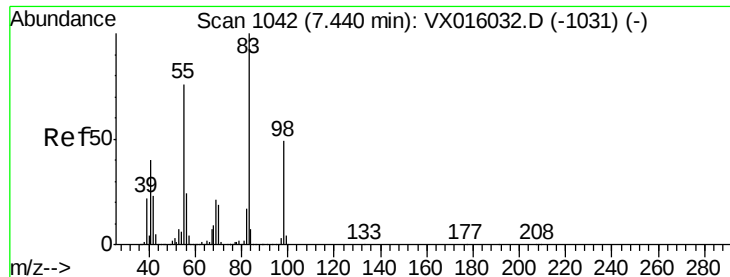
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

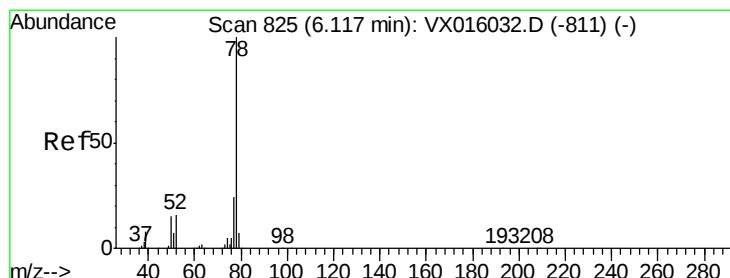
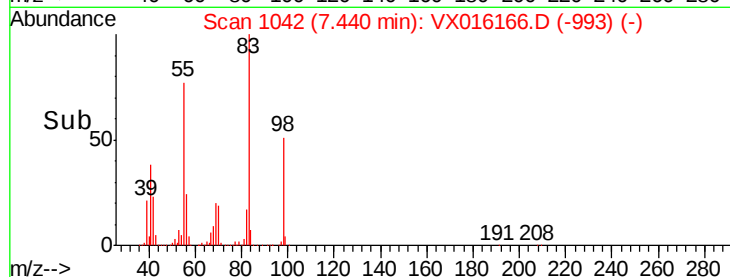
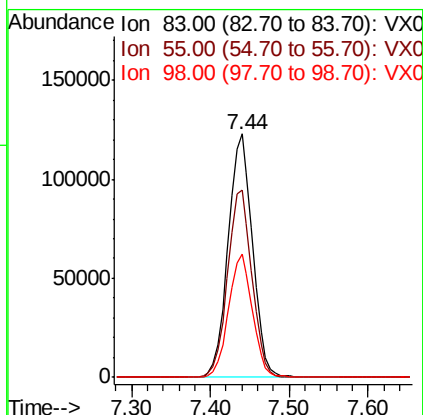
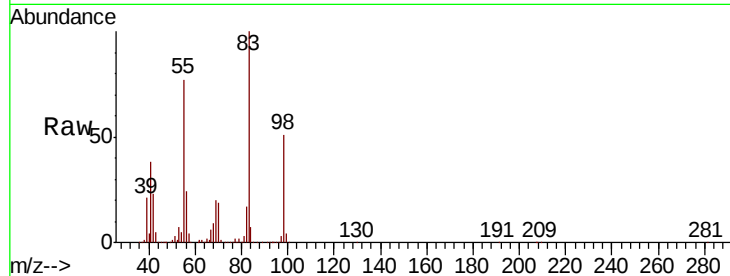




#39
Methvlcvclohexane
Concen: 47.657 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

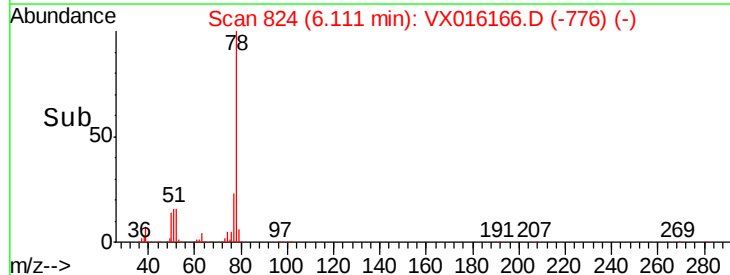
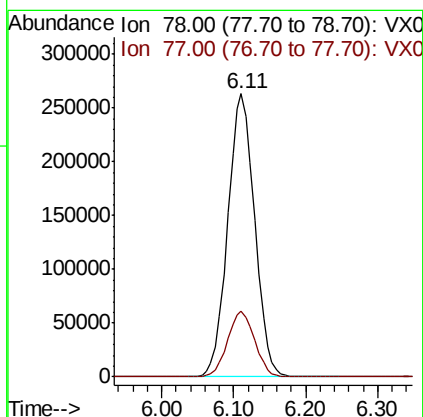
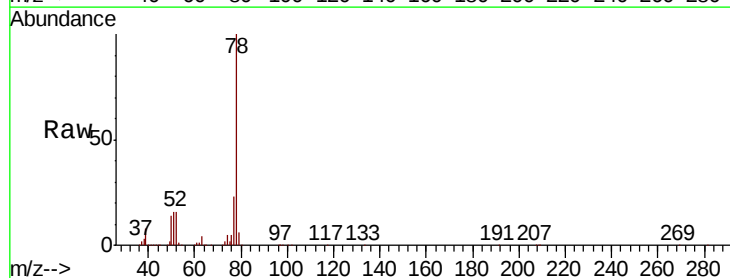
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

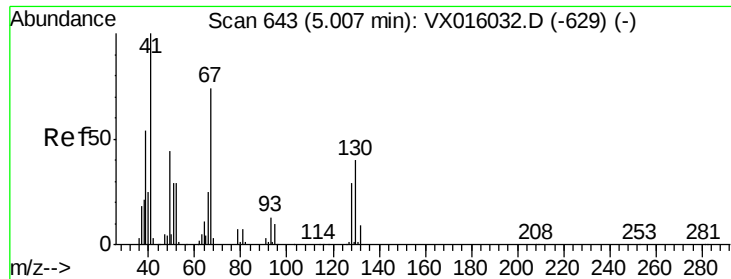
Tot Ion: 83 Resp: 263171
Ion Ratio Lower Upper
83 100
55 76.9 61.1 91.7
98 50.6 39.0 58.4



#40
Benzene
Concen: 50.869 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion: 78 Resp: 682509
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

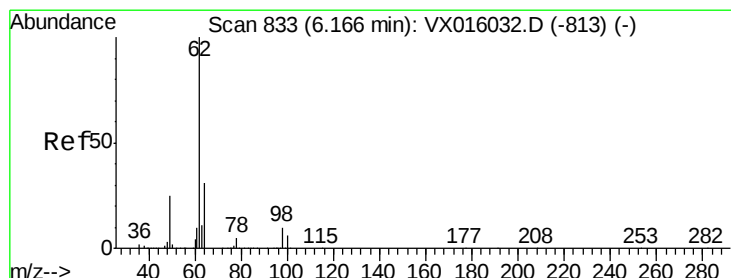
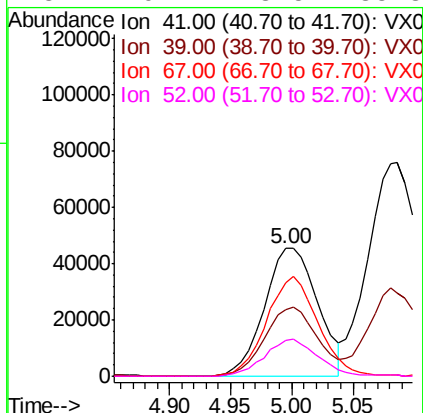
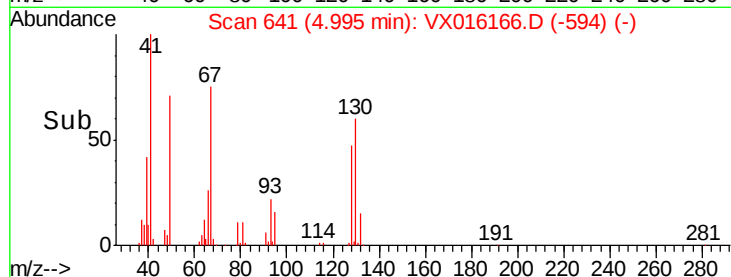
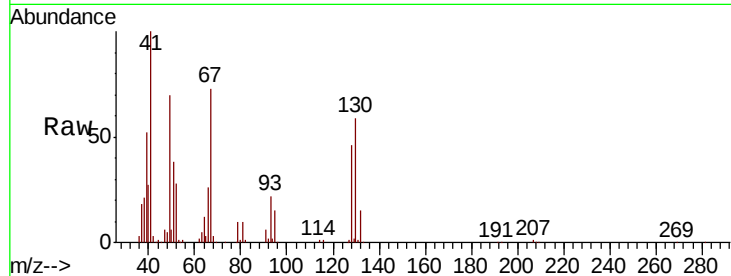




#41
Methacrylonitrile
Concen: 47.959 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

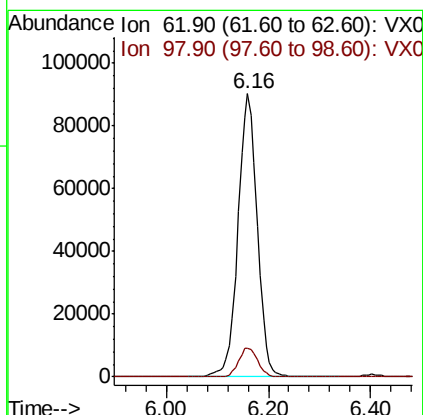
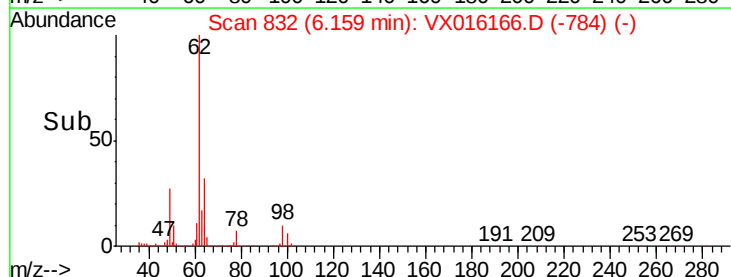
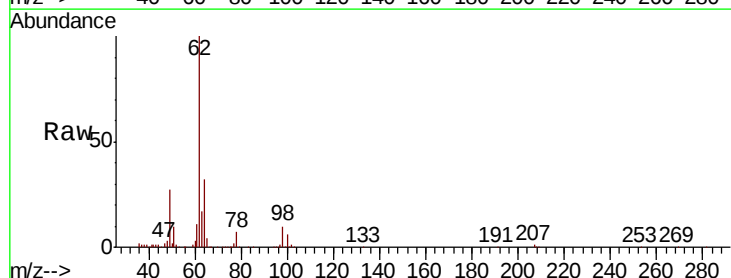
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

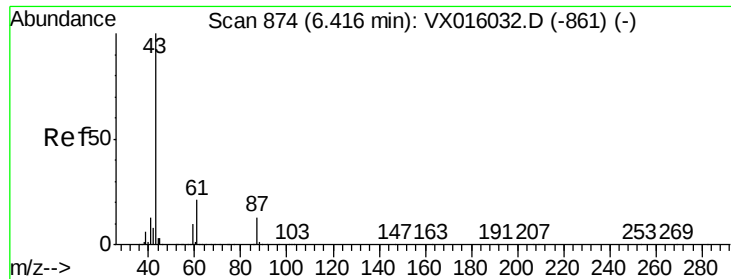
Tot Ion:	41	Resp:	137651
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.2	64.8
67	76.0	59.3	88.9
52	29.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 48.955 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion:	62	Resp:	236609
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.4



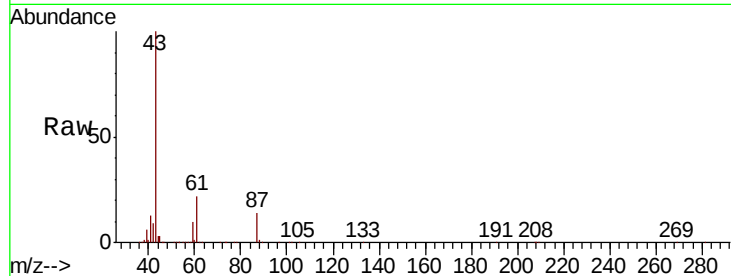


#43

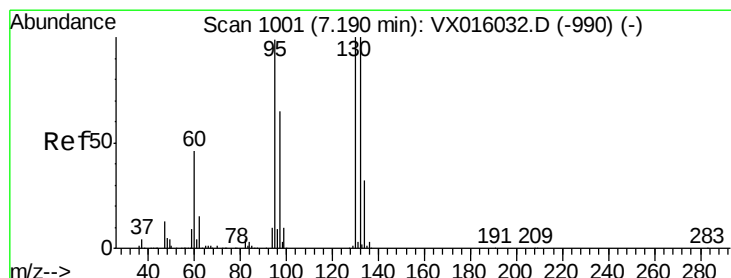
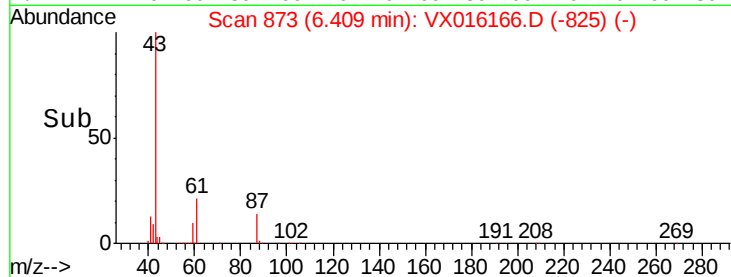
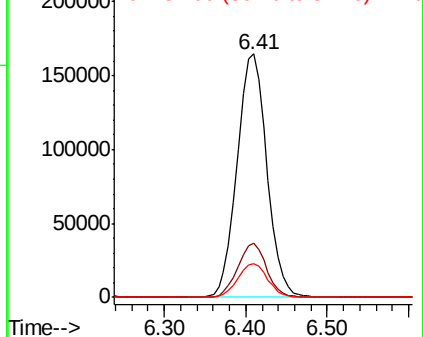
Isopropyl Acetate
 Concen: 48.854 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 414271
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.0 25.4
 87 14.1 11.0 16.6



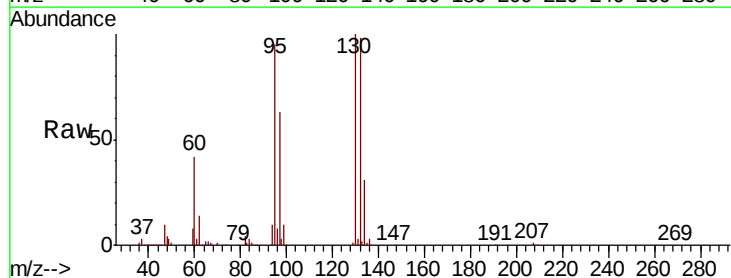
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



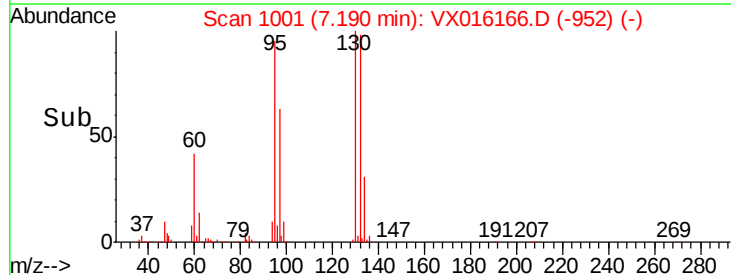
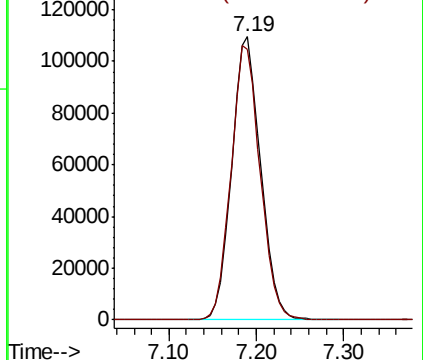
#44

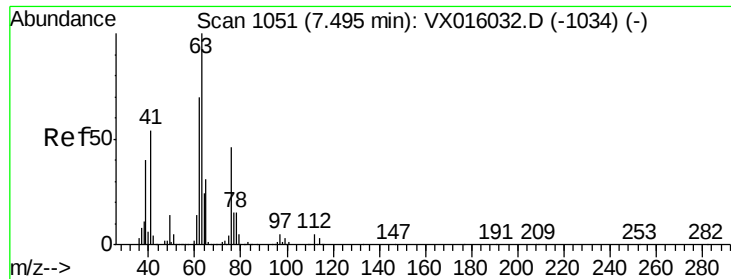
Trichloroethene
 Concen: 52.810 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Tgt Ion: 130 Resp: 251723
 Ion Ratio Lower Upper
 130 100
 95 95.5 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.221 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

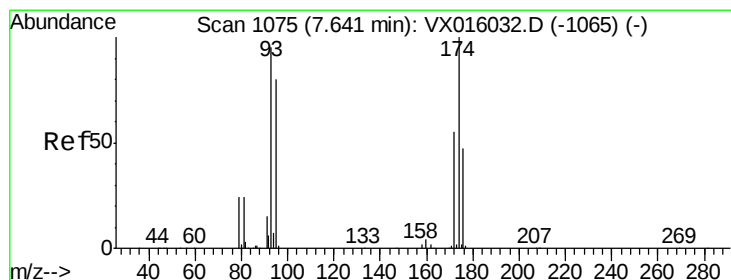
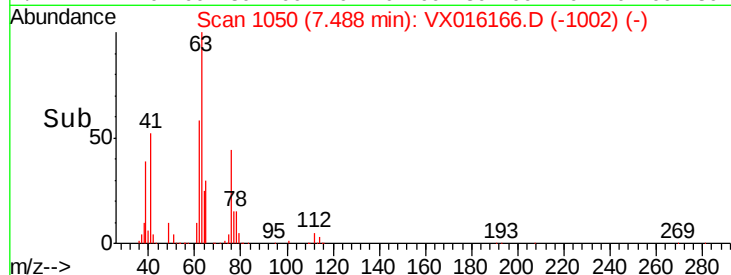
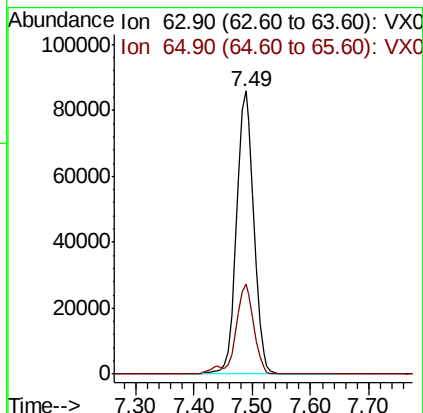
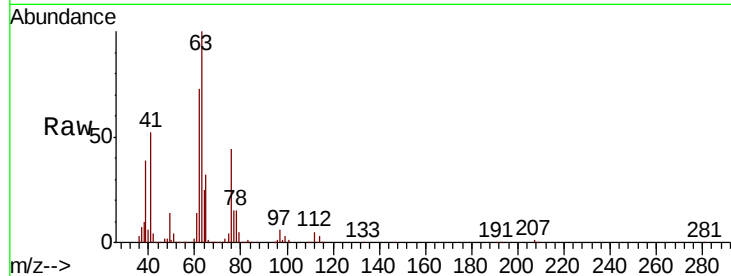
VSTDCCC050

Tot Ion: 63 Resp: 177288

Ion Ratio Lower Upper

63 100

65 31.6 24.4 36.6



#46

Dibromomethane

Concen: 50.458 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

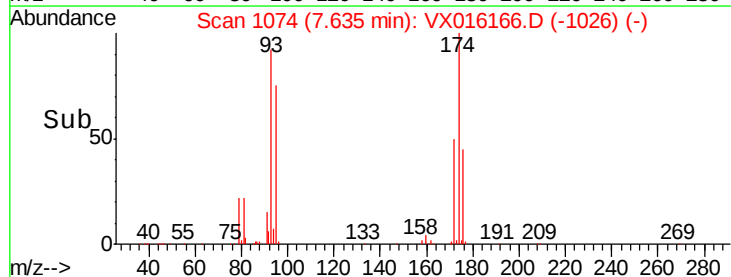
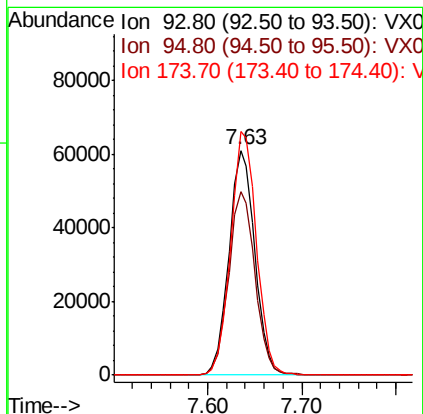
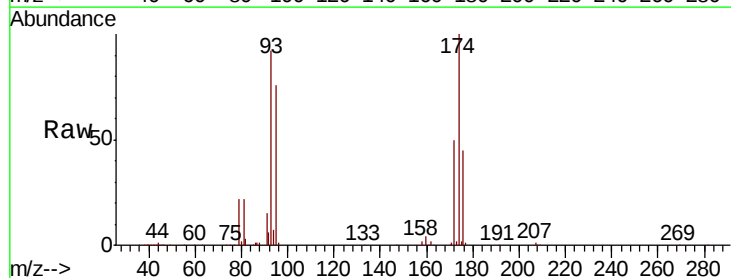
Tgt Ion: 93 Resp: 116412

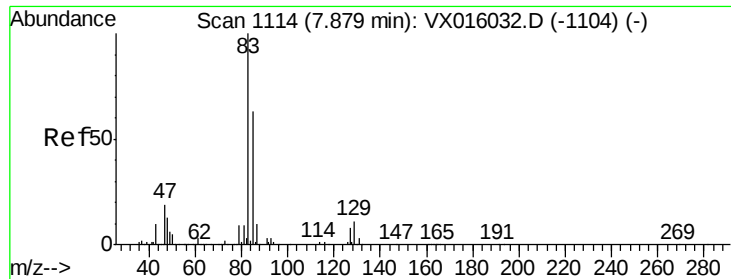
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 107.9 84.2 126.4





#47

Bromodichloromethane

Concen: 52.170 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

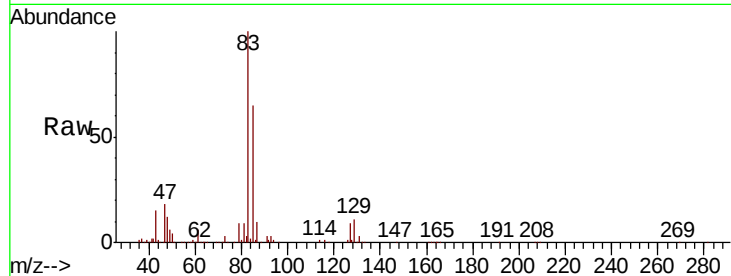
Tot Ion: 83 Resp: 245135

Ion Ratio Lower Upper

83 100

85 64.7 50.5 75.7

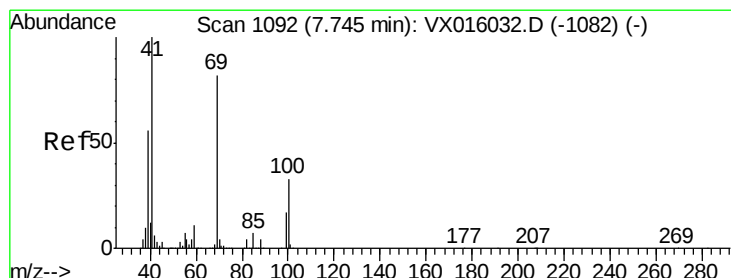
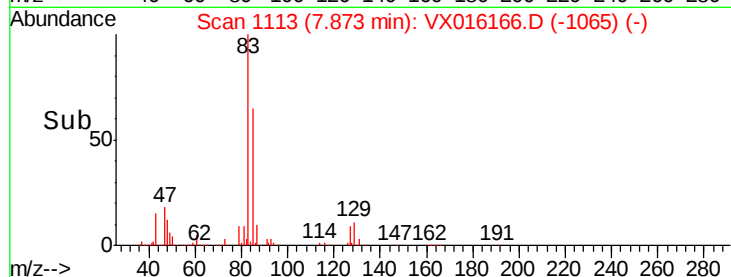
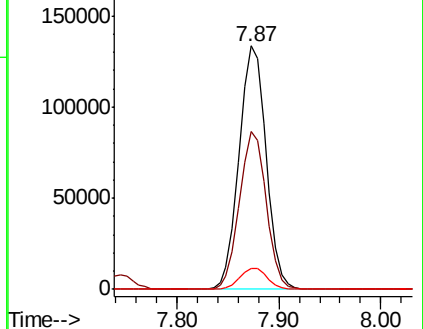
127 8.6 6.7 10.1



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: 48.682 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

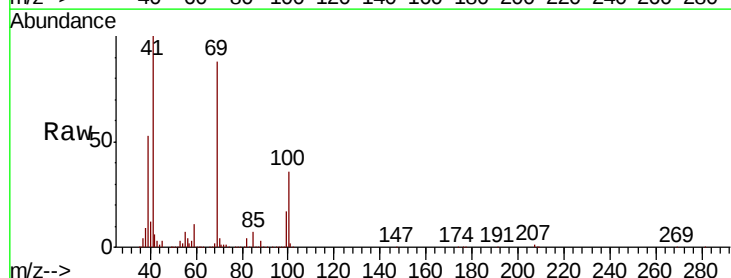
Tgt Ion: 41 Resp: 195611

Ion Ratio Lower Upper

41 100

69 87.4 67.8 101.6

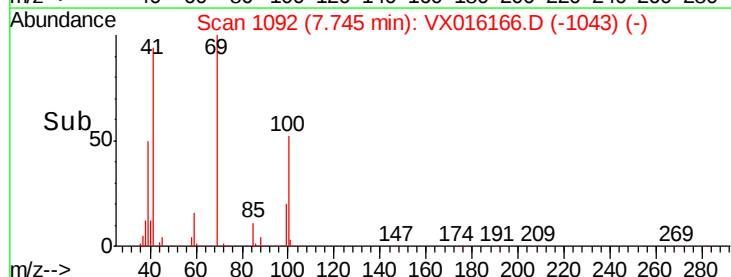
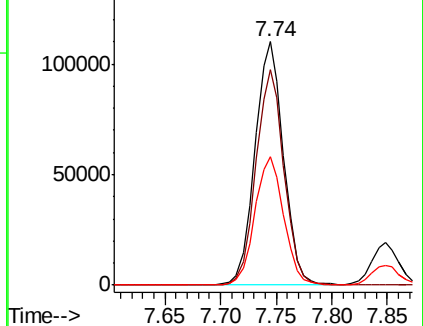
39 53.5 44.6 67.0

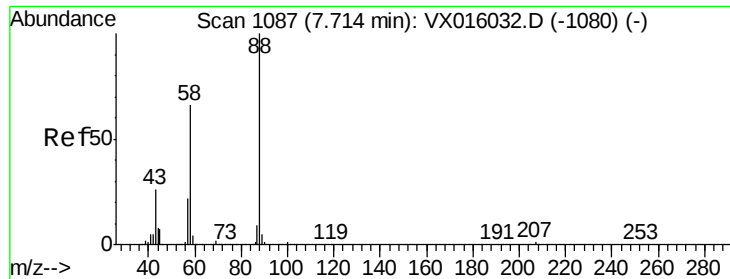


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 829.422 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

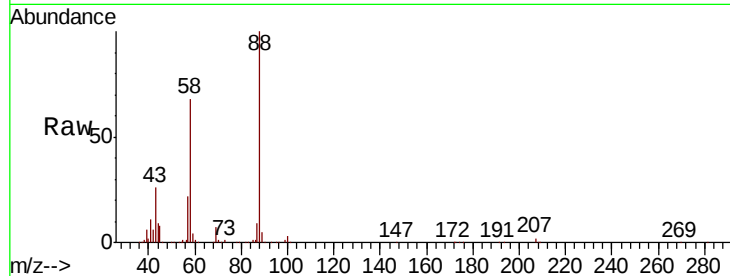
Tot Ion: 88 Resp: 79930

Ion Ratio Lower Upper

88 100

43 31.1 25.3 37.9

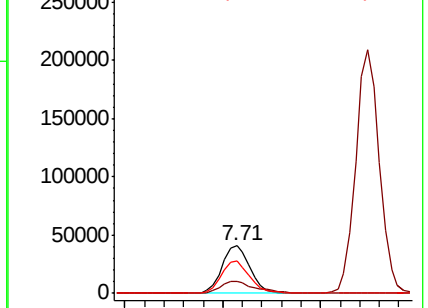
58 70.3 55.9 83.9



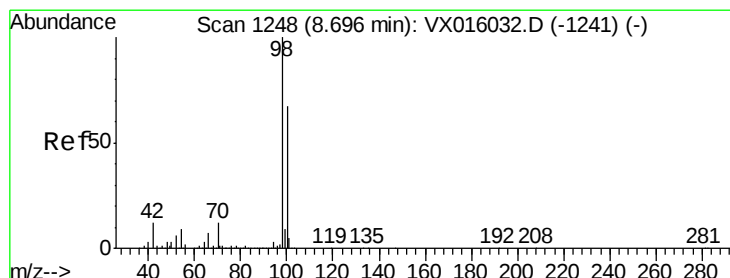
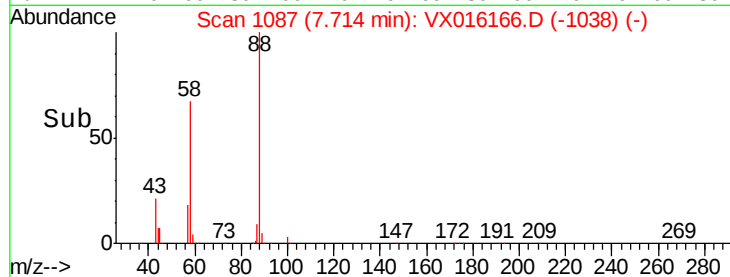
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 51.745 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016166.D

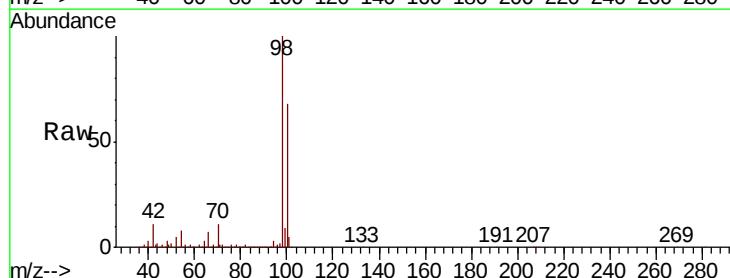
Acq: 13 May 2020 09:53

Tgt Ion: 98 Resp: 588417

Ion Ratio Lower Upper

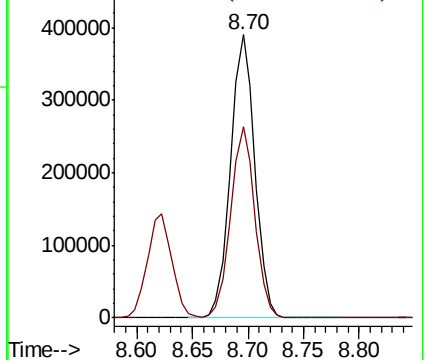
98 100

100 67.2 53.7 80.5

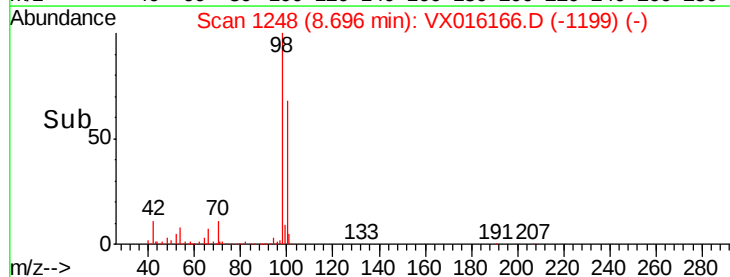


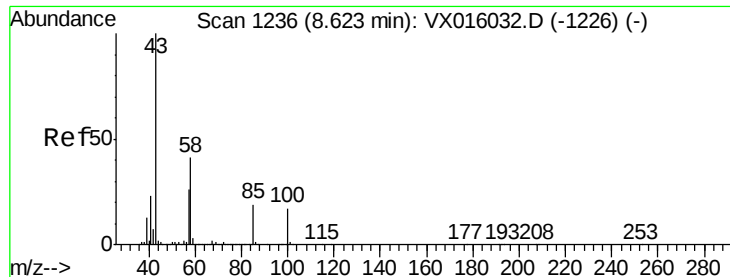
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 244.360 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

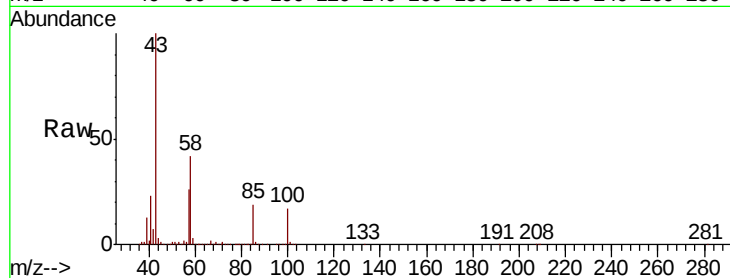
VSTDCCC050

Tot Ion: 43 Resp: 1268021

Ion Ratio Lower Upper

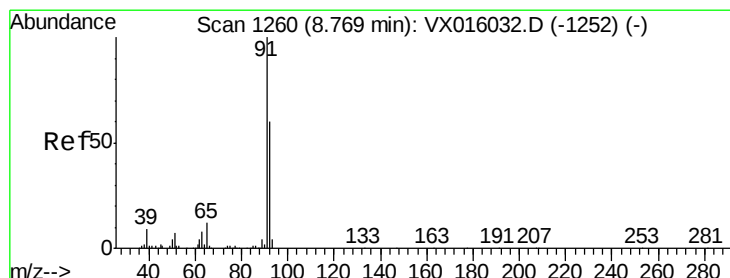
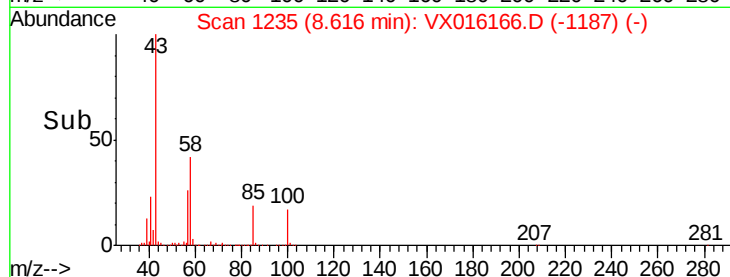
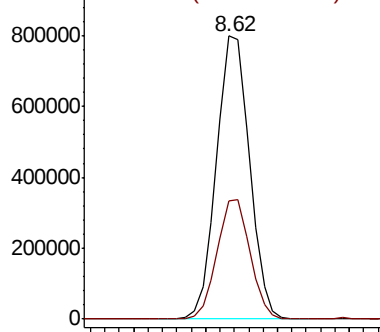
43 100

58 42.0 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.291 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016166.D

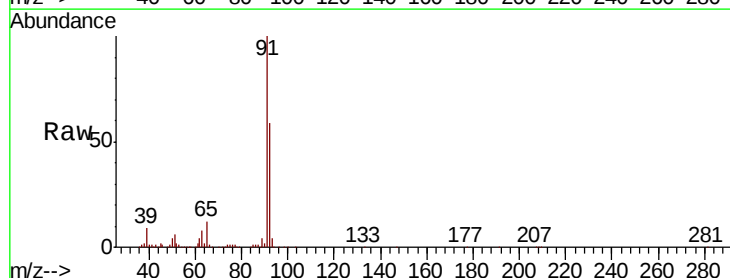
Acq: 13 May 2020 09:53

Tgt Ion: 92 Resp: 437306

Ion Ratio Lower Upper

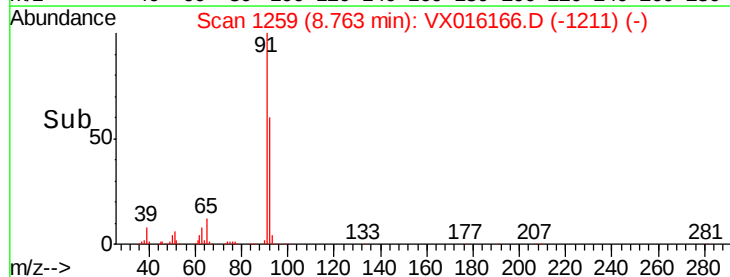
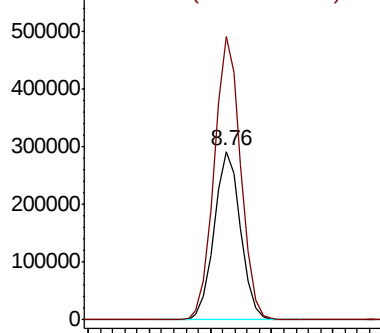
92 100

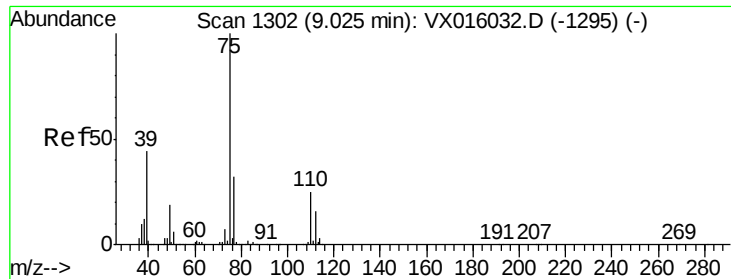
91 168.4 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

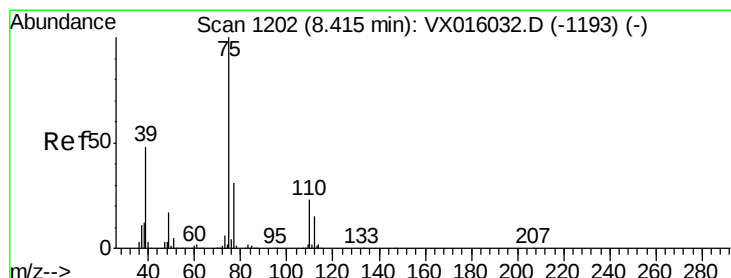
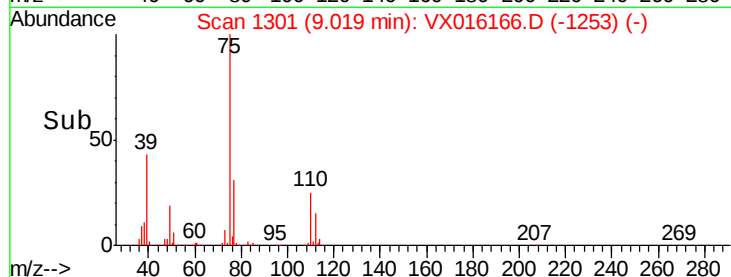
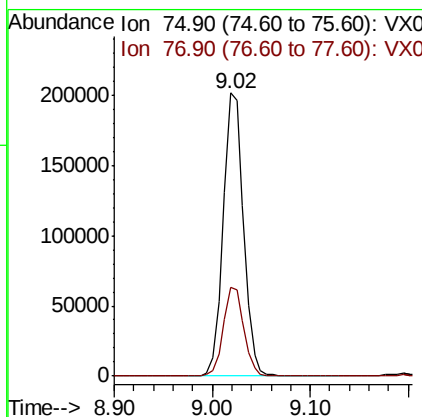
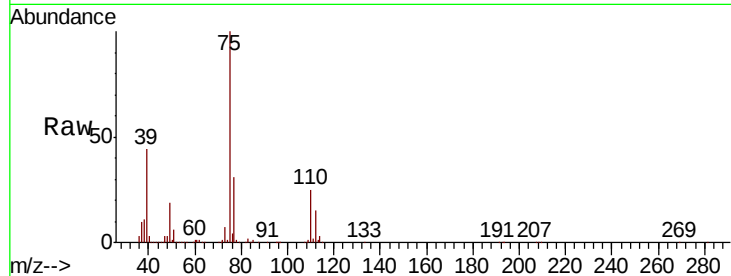




#53
t-1,3-Dichloropropene
Concen: 51.844 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

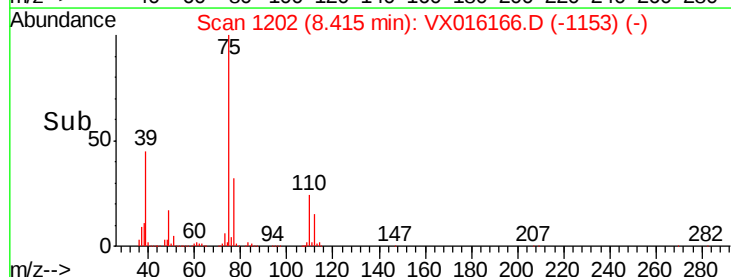
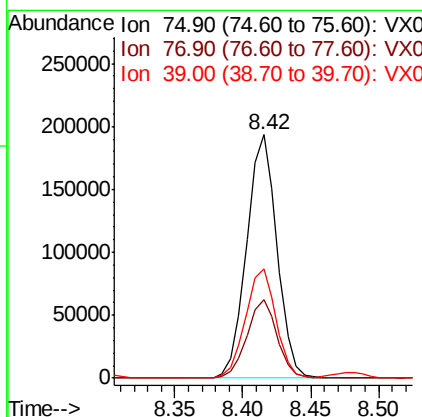
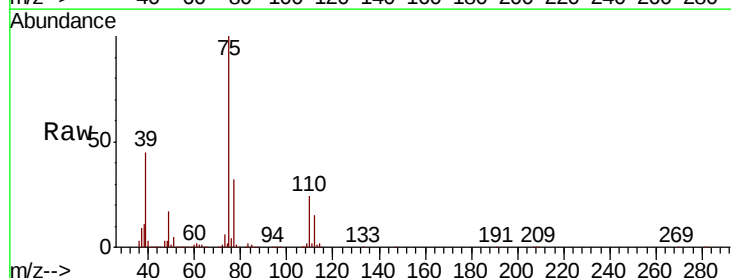
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

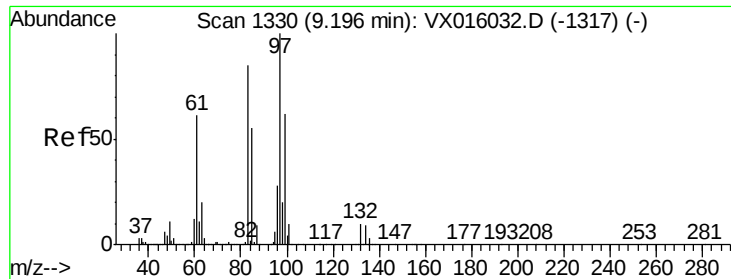
Tot Ion: 75 Resp: 290448
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 51.748 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion: 75 Resp: 302815
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 45.1 38.7 58.1

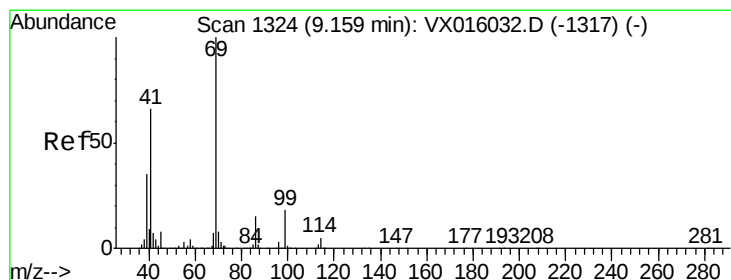
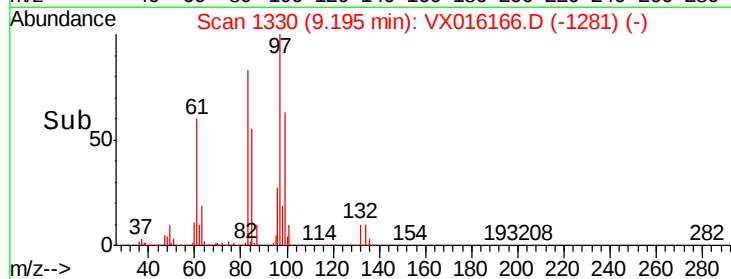
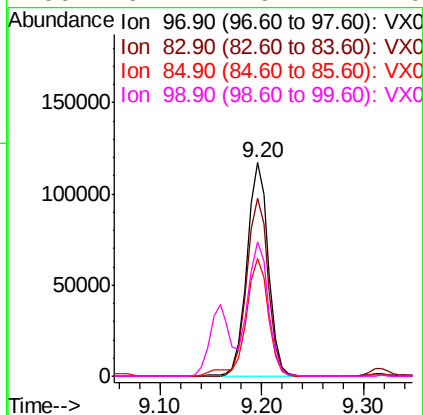
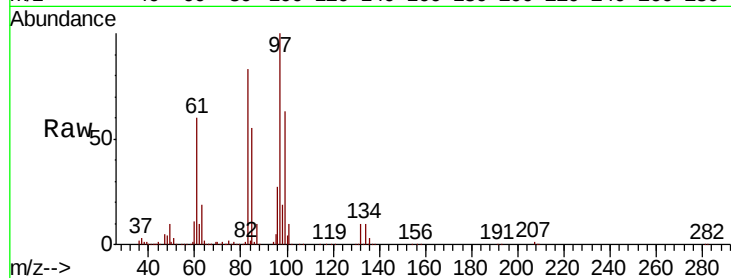




#55
 1,1,2-Trichloroethane
 Concen: 51.956 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

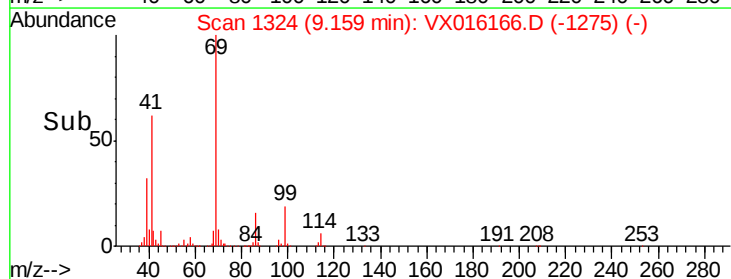
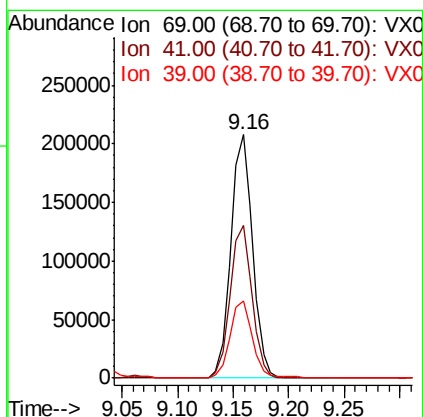
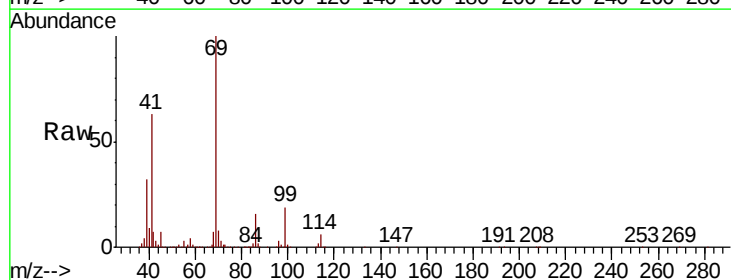
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

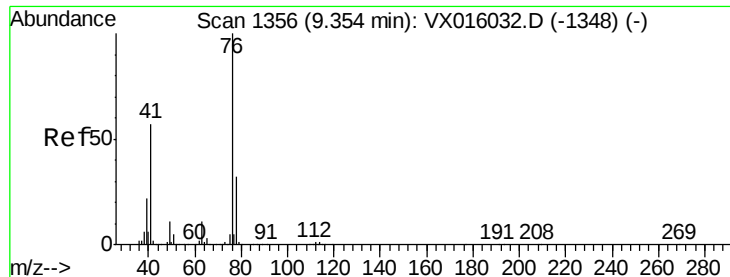
Tot Ion:	97	Resp:	170950
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.8	101.8
85	55.1	43.8	65.8
99	62.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 52.062 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Tgt Ion:	69	Resp:	279613
Ion	Ratio	Lower	Upper
69	100		
41	63.0	52.2	78.4
39	32.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 51.877 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

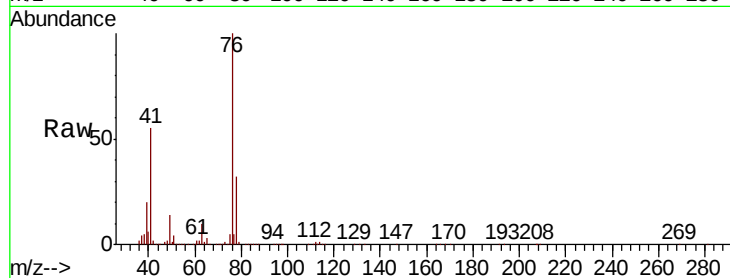
VSTDCCC050

Tot Ion: 76 Resp: 297841

Ion Ratio Lower Upper

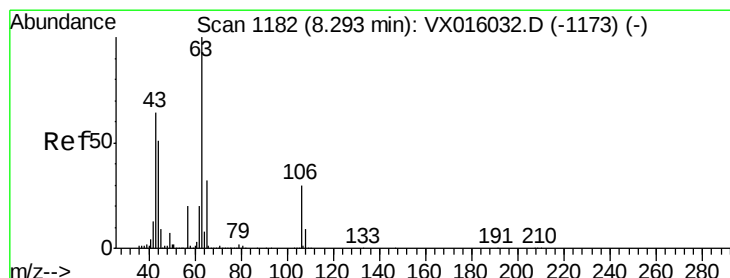
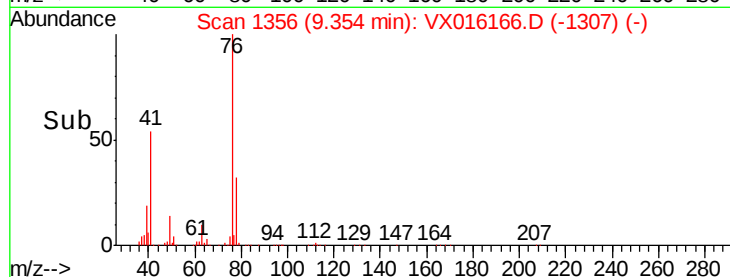
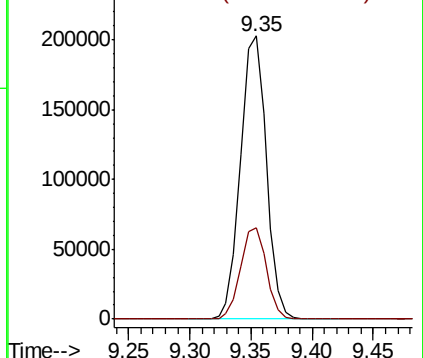
76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 269.480 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016166.D

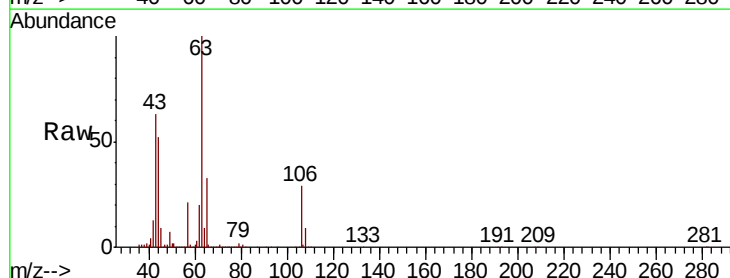
Acq: 13 May 2020 09:53

Tgt Ion: 63 Resp: 770520

Ion Ratio Lower Upper

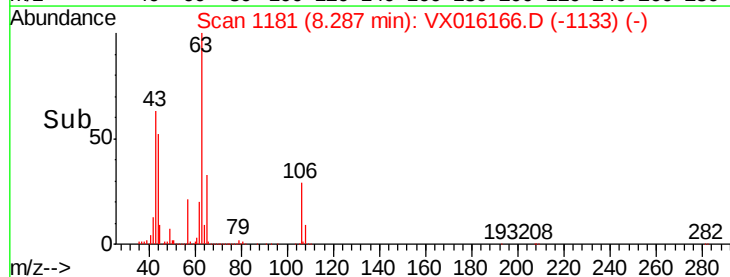
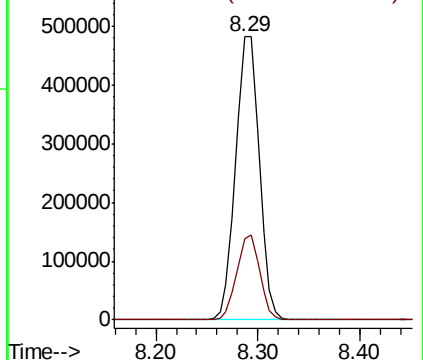
63 100

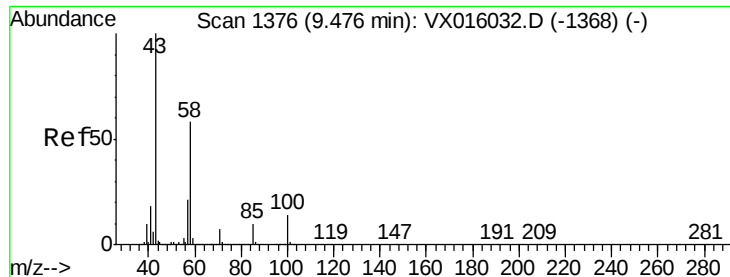
106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

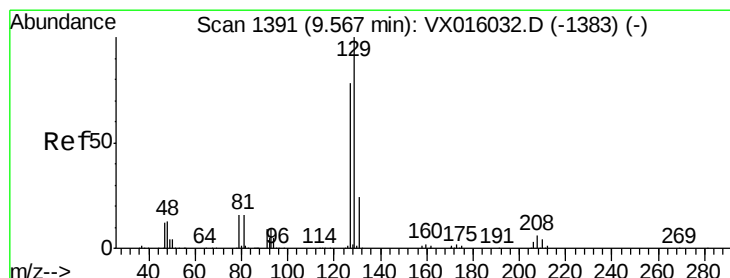
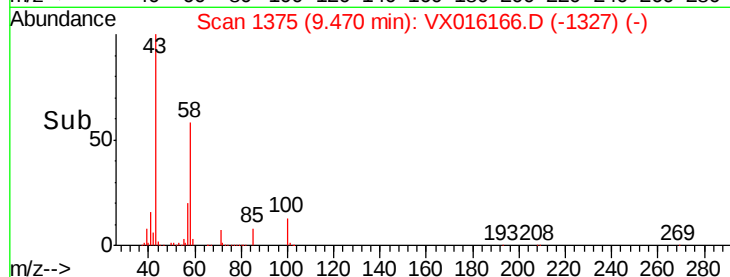
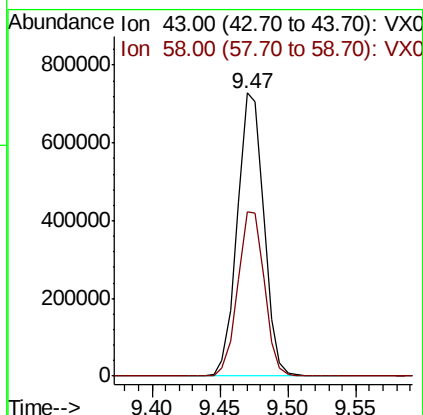
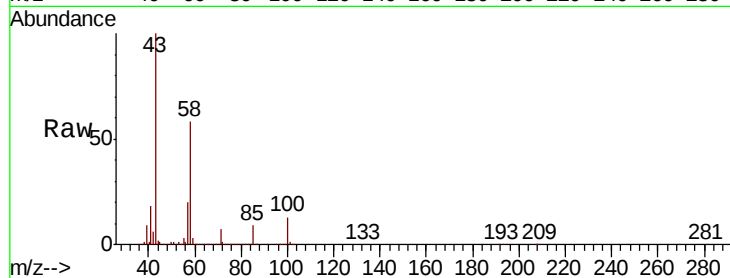




#59
2-Hexanone
Concen: 242.857 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

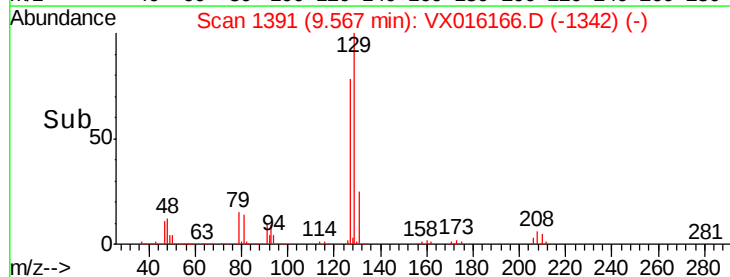
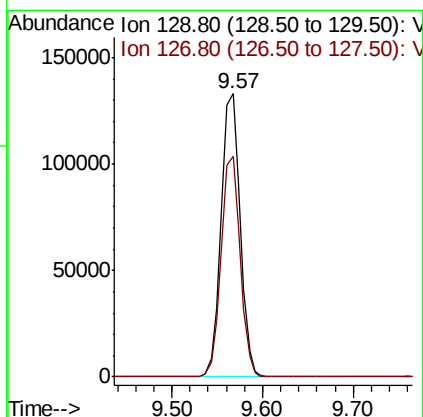
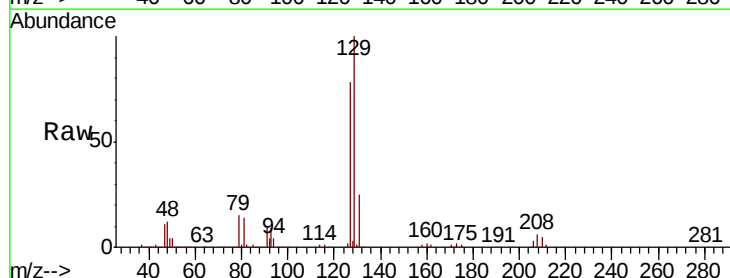
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

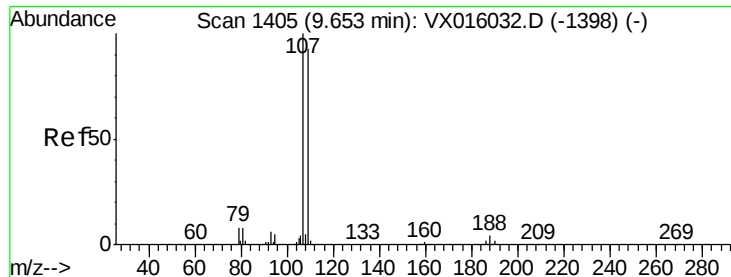
Tot Ion: 43 Resp: 989683
Ion Ratio Lower Upper
43 100
58 58.4 28.6 85.9



#60
Dibromochloromethane
Concen: 54.043 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion: 129 Resp: 195839
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.446 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

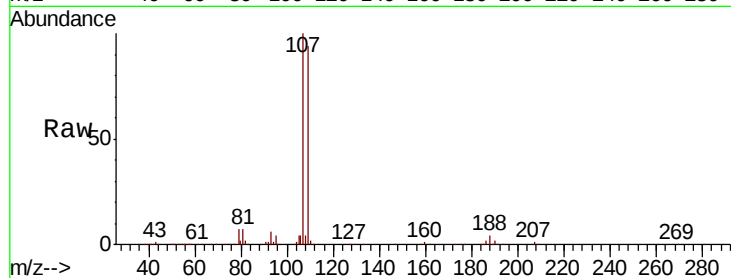
VSTDCCC050

Tot Ion:107 Resp: 183354

Ion Ratio Lower Upper

107 100

109 94.3 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

100000

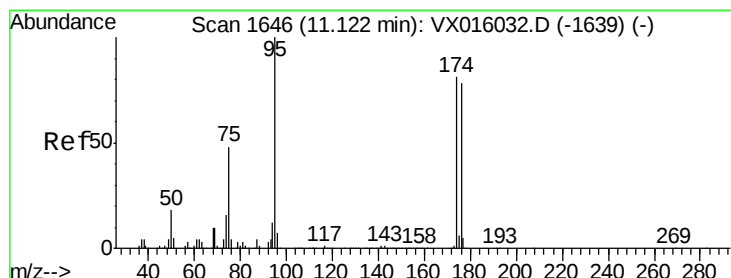
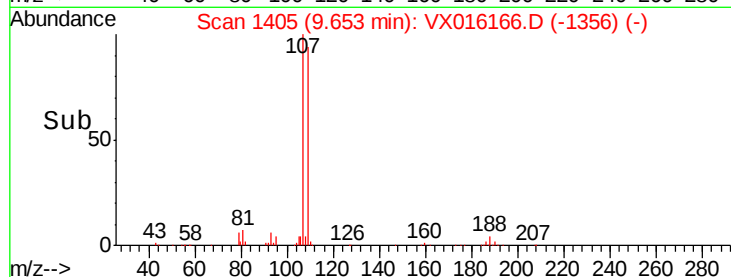
50000

0

9.65

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.722 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

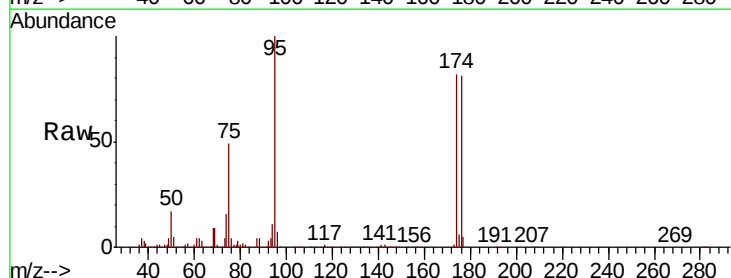
Tgt Ion: 95 Resp: 223704

Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

176 79.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

100000

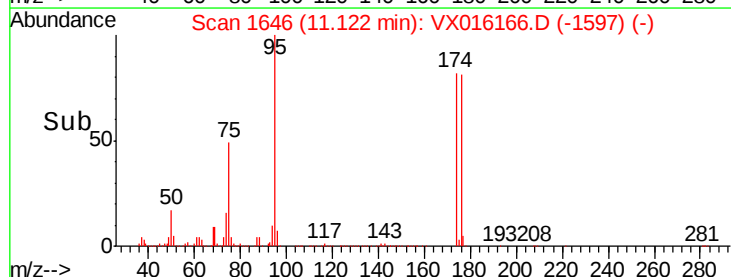
50000

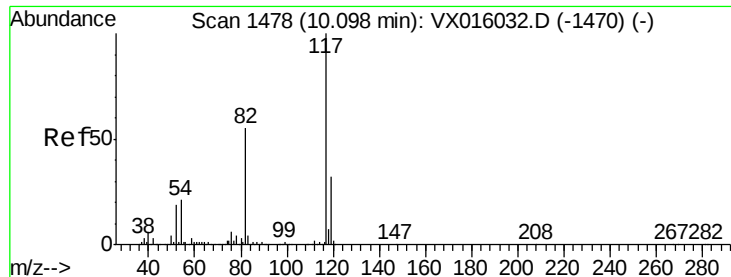
0

11.12

11.10 11.20

Time-->

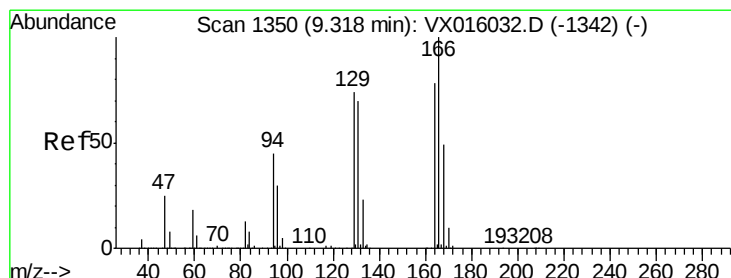
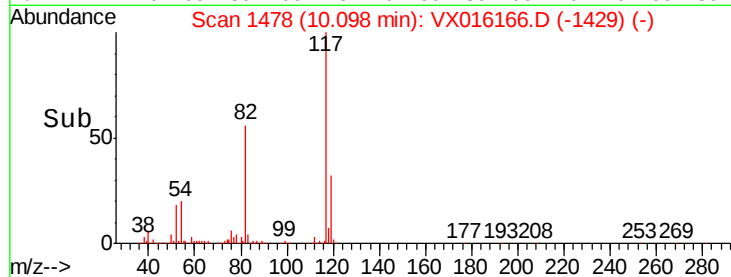
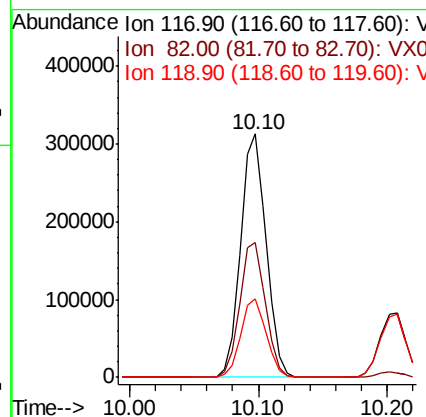
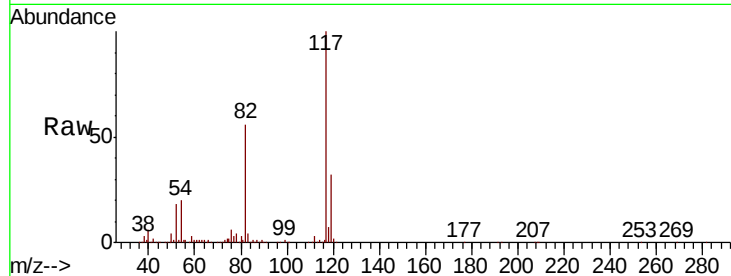




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

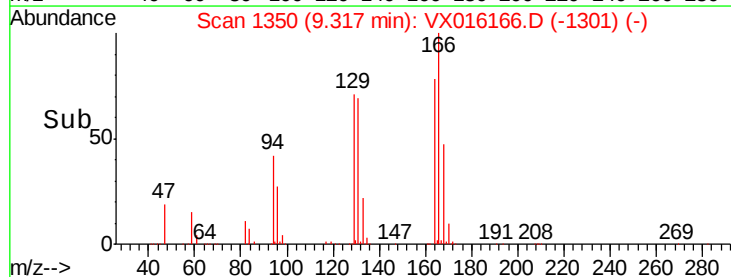
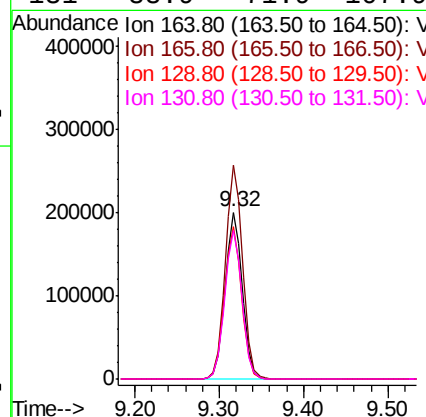
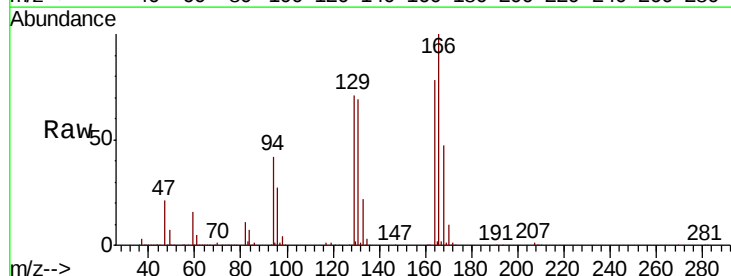
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

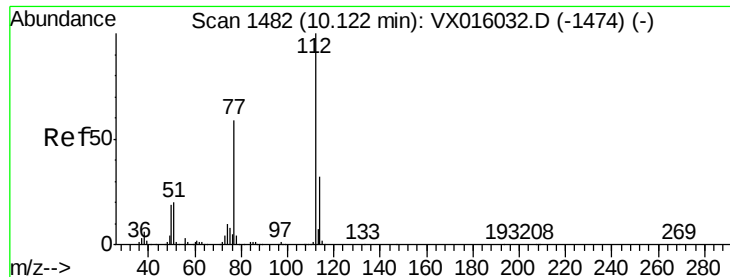
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.4	66.6
119	32.4	25.5	38.3



#64
Tetrachloroethene
Concen: 53.646 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.9	154.3
129	91.5	76.1	114.1
131	88.9	71.9	107.9

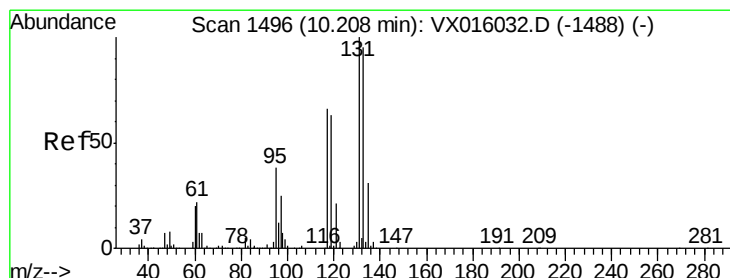
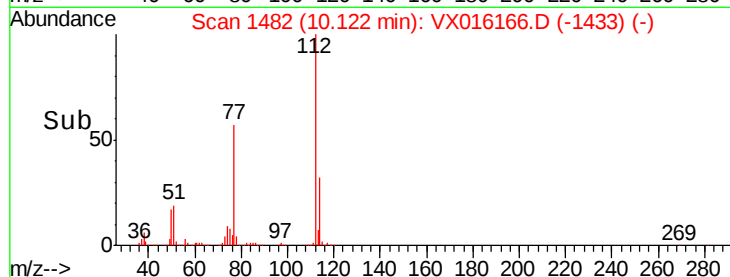
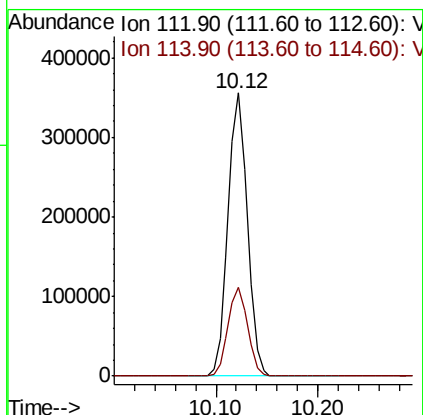
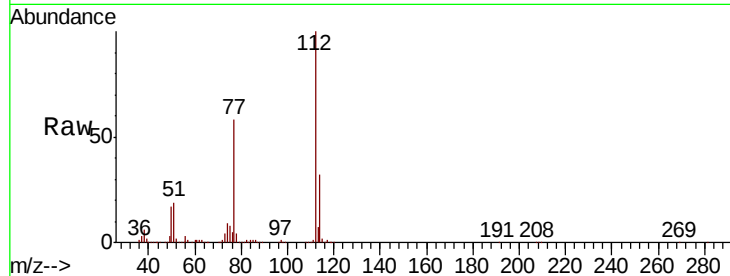




#65
Chlorobenzene
Concen: 52.013 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

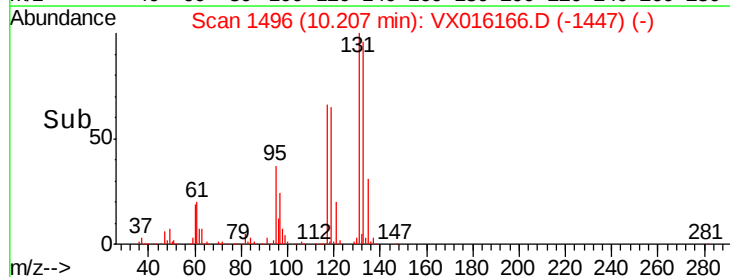
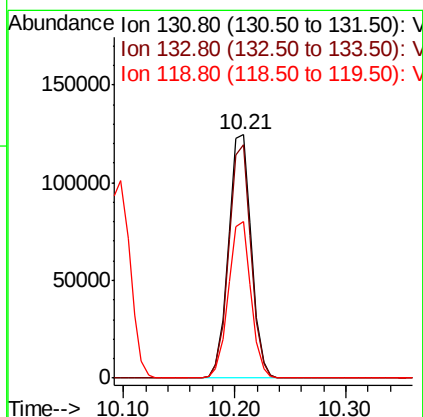
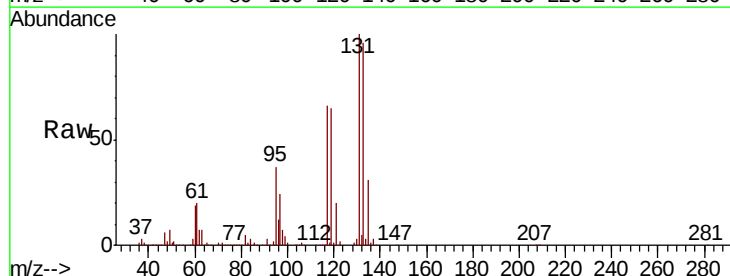
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

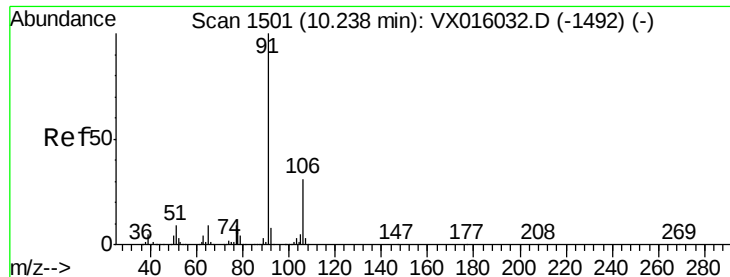
Tot Ion:112 Resp: 466587
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.107 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion:131 Resp: 176082
Ion Ratio Lower Upper
131 100
133 94.0 48.3 144.8
119 63.2 32.3 96.9





#67

Ethyl Benzene

Concen: 52.446 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

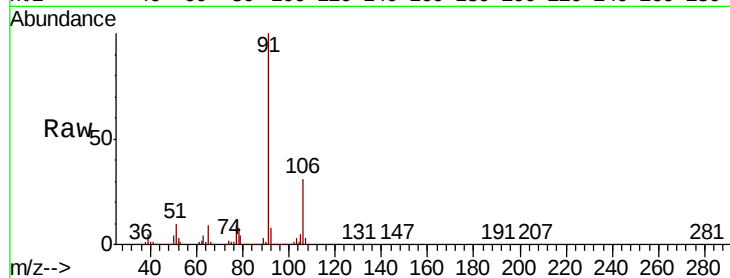
VSTDCCC050

Tot Ion: 91 Resp: 839429

Ion Ratio Lower Upper

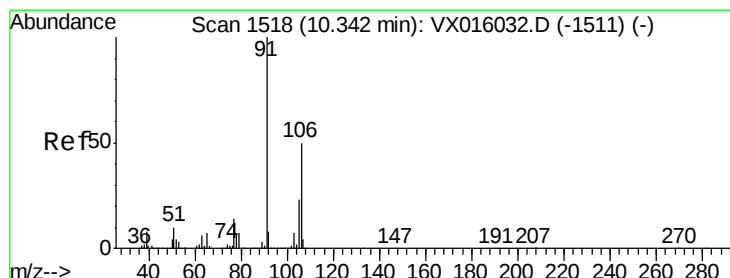
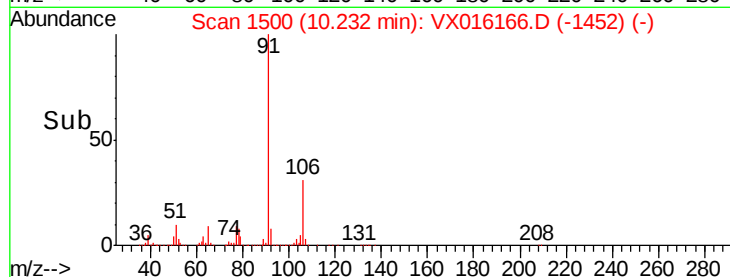
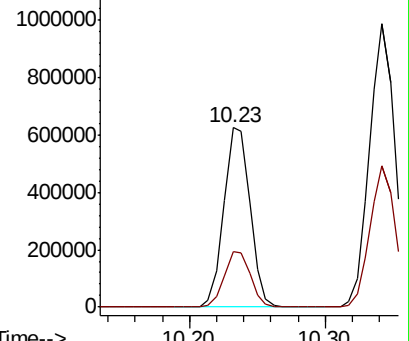
91 100

106 30.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.590 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016166.D

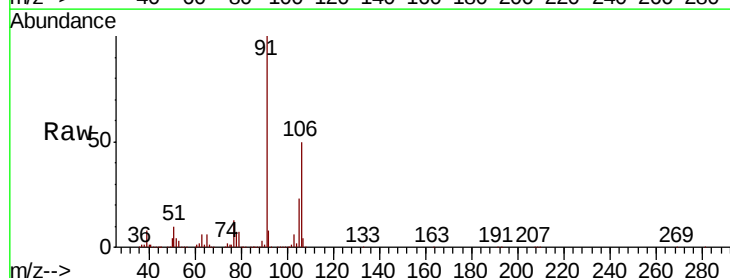
Acq: 13 May 2020 09:53

Tgt Ion: 106 Resp: 639194

Ion Ratio Lower Upper

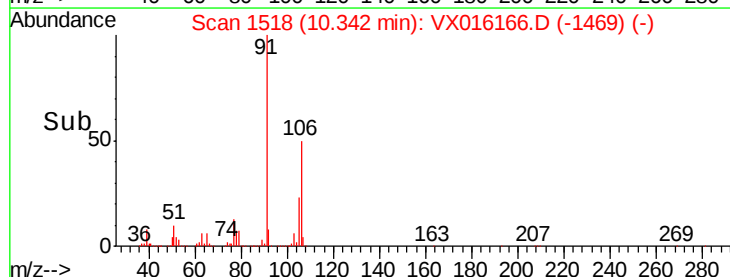
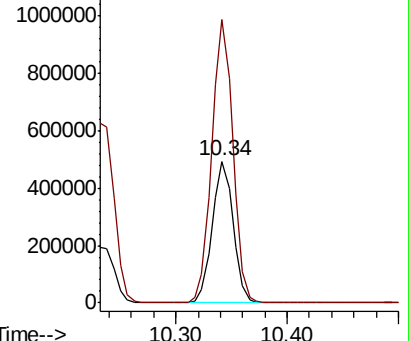
106 100

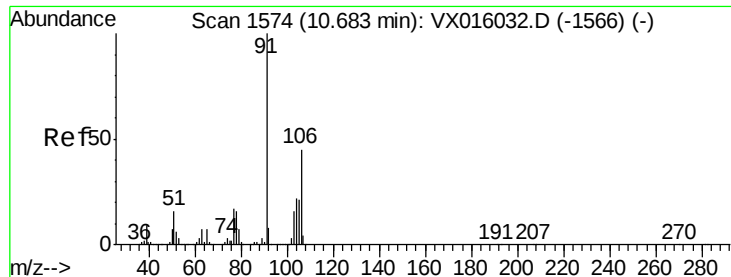
91 201.8 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

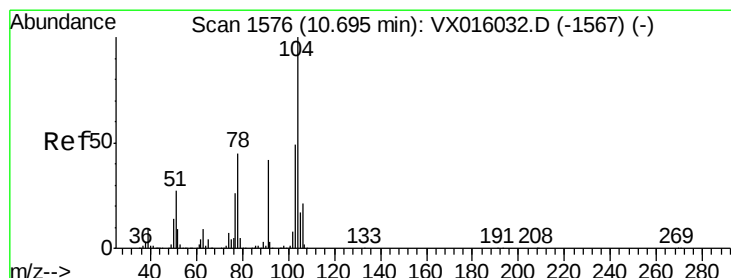
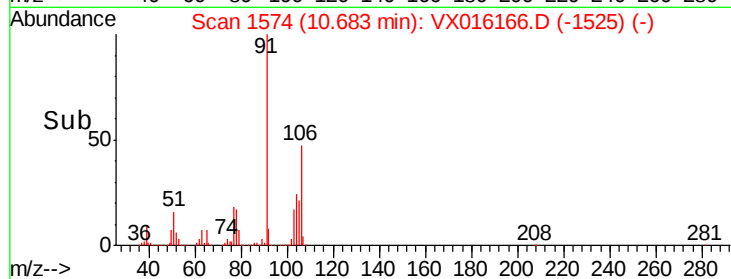
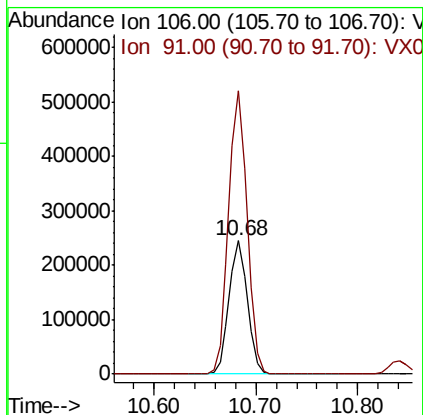
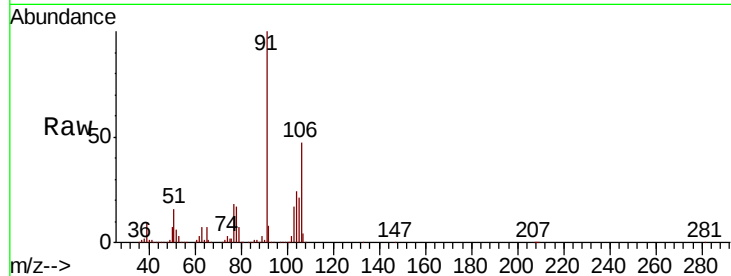




#69
o-Xylene
Concen: 52.974 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

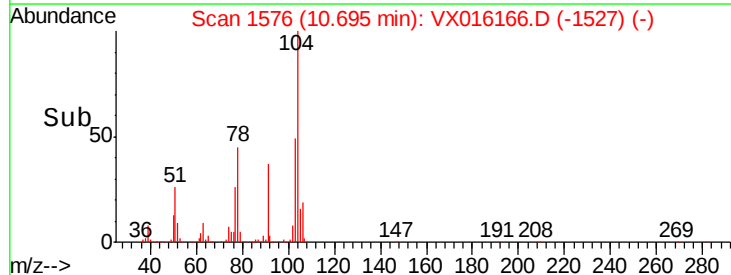
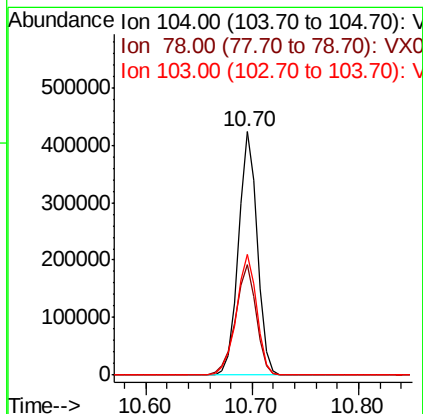
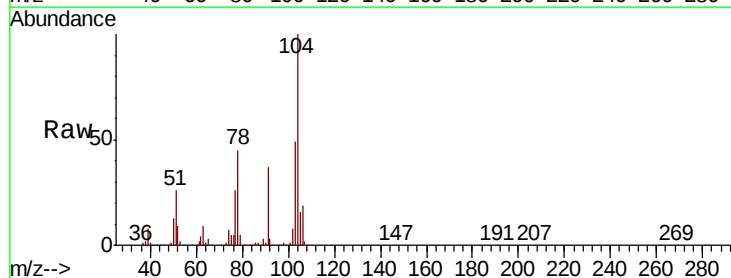
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

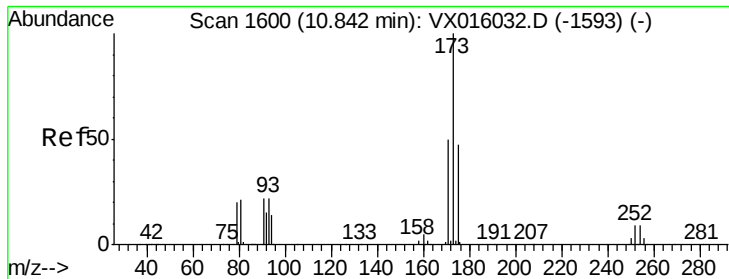
Tot Ion:106 Resp: 305356
Ion Ratio Lower Upper
106 100
91 213.5 107.5 322.6



#70
Styrene
Concen: 53.733 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion:104 Resp: 525465
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 53.9 43.0 64.6





#71

Bromoform

Concen: 55.611 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

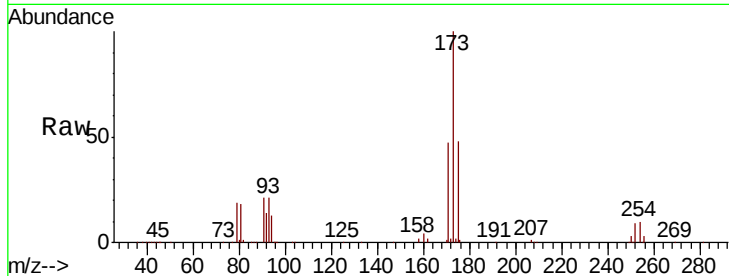
Tot Ion:173 Resp: 150223

Ion Ratio Lower Upper

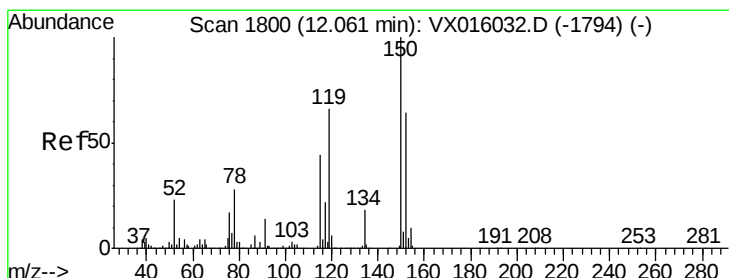
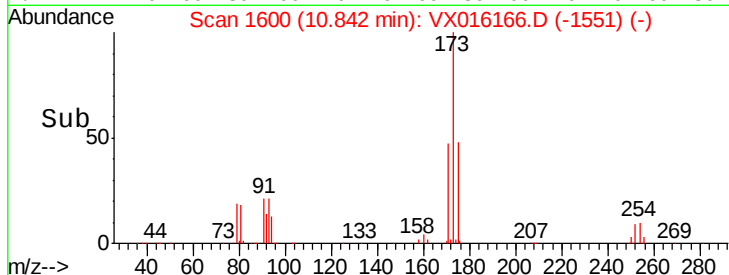
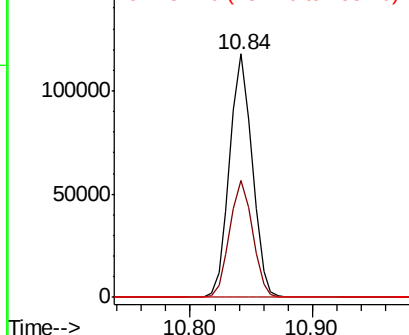
173 100

175 48.7 24.0 72.0

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: VX016166.D

Acq: 13 May 2020 09:53

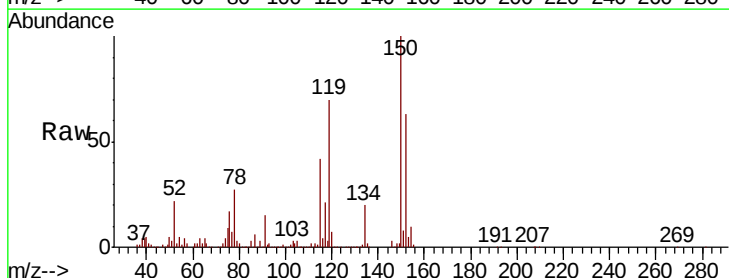
Tgt Ion:152 Resp: 218721

Ion Ratio Lower Upper

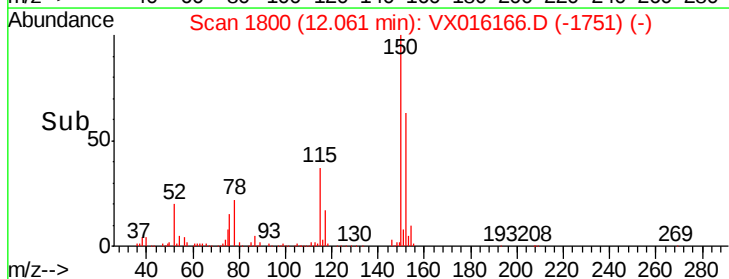
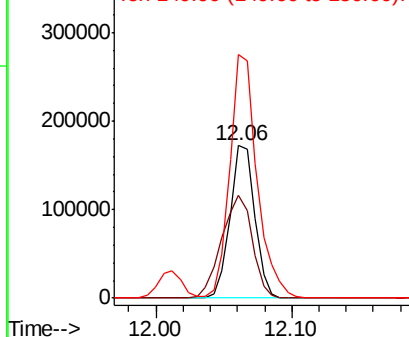
152 100

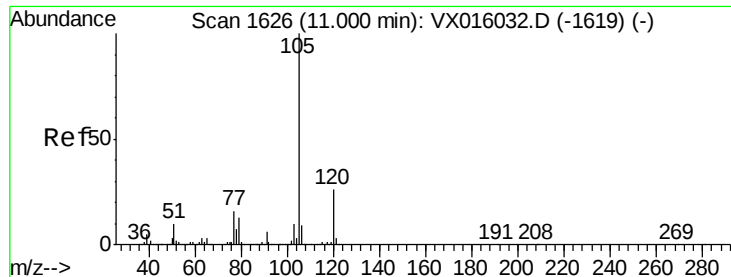
115 82.9 41.3 124.1

150 174.8 0.0 352.2



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





#73

Isopropylbenzene

Concen: 51.215 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

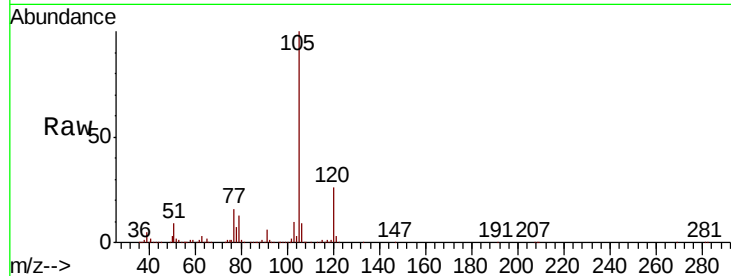
VSTDCCC050

Tot Ion:105 Resp: 814758

Ion Ratio Lower Upper

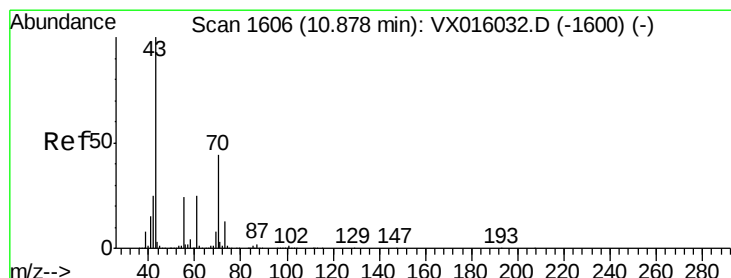
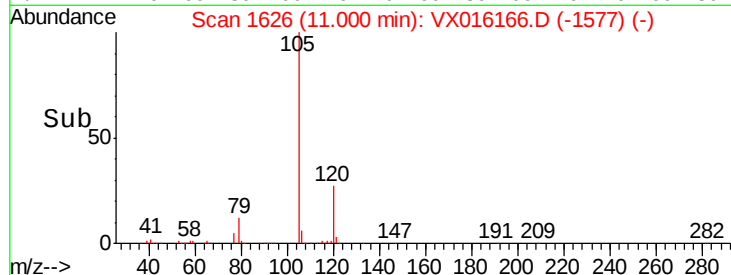
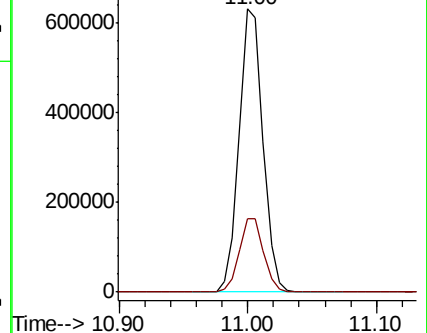
105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.492 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Tgt Ion: 43 Resp: 359830

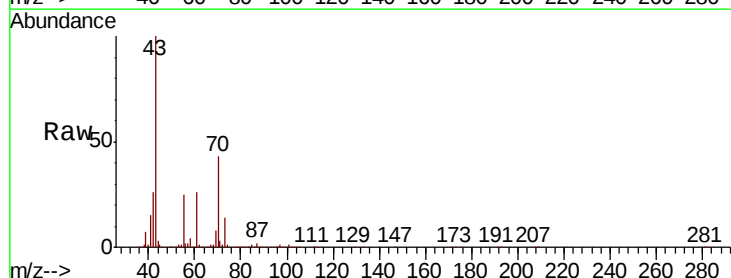
Ion Ratio Lower Upper

43 100

70 45.9 36.5 54.7

55 25.3 19.7 29.5

61 26.2 20.9 31.3

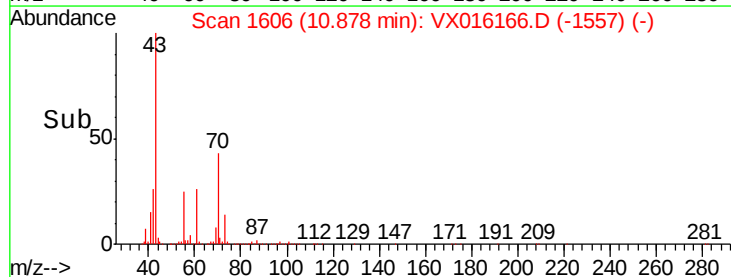
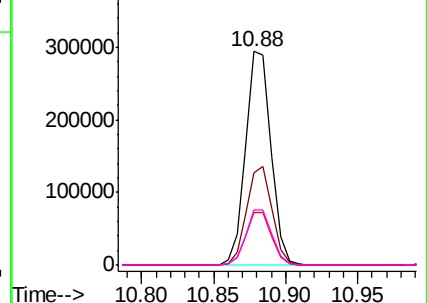


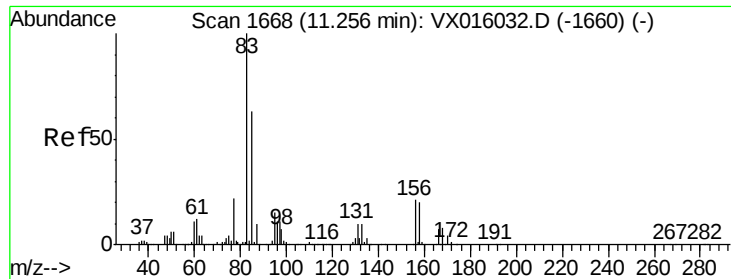
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 41.009 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

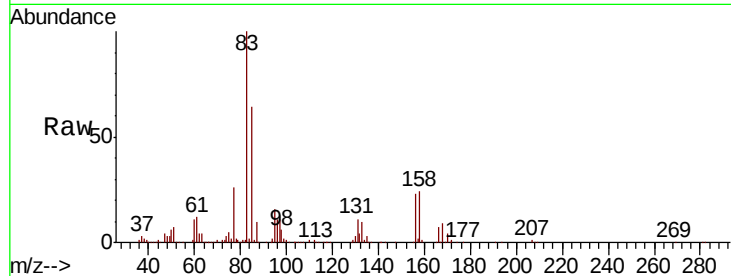
Tot Ion: 83 Resp: 124716

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

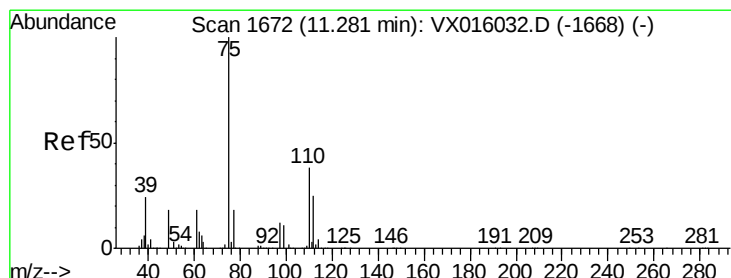
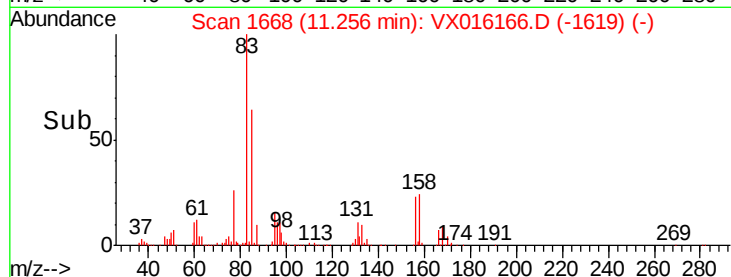
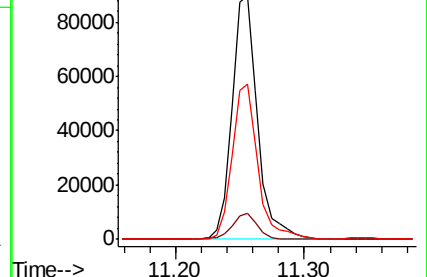
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.007 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016166.D

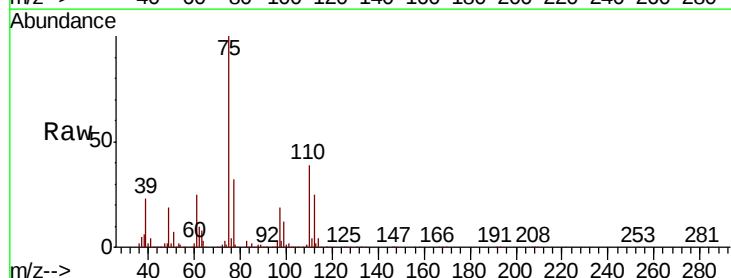
Acq: 13 May 2020 09:53

Tgt Ion: 75 Resp: 327614

Ion Ratio Lower Upper

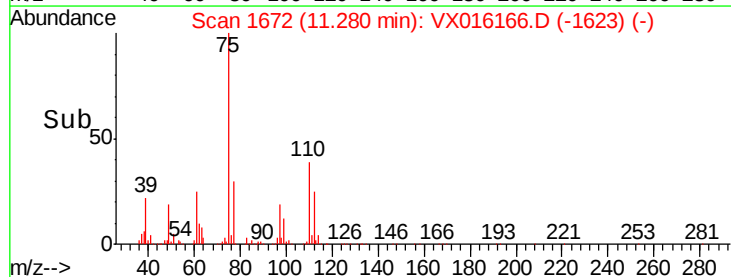
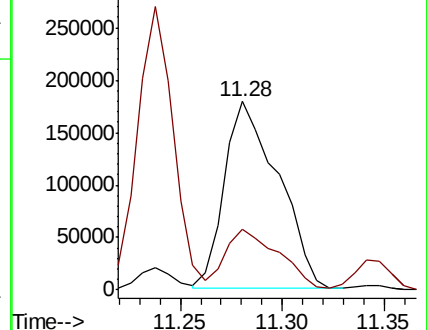
75 100

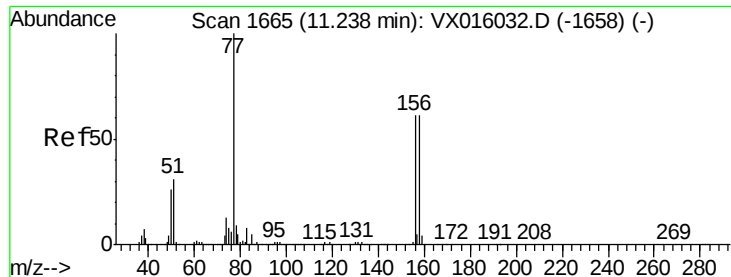
77 32.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.768 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

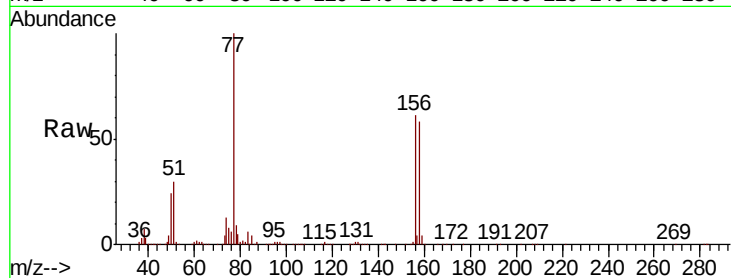
Tot Ion:156 Resp: 204361

Ion Ratio Lower Upper

156 100

77 162.0 80.1 240.3

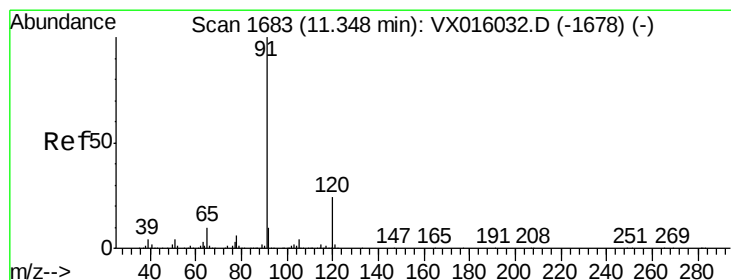
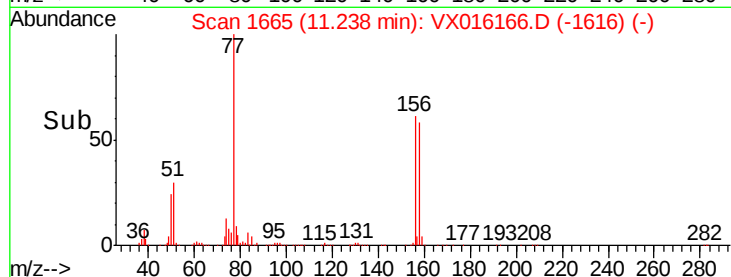
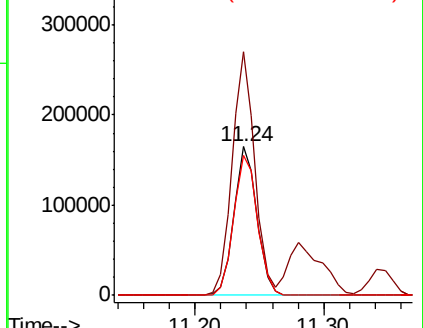
158 98.0 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.697 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016166.D

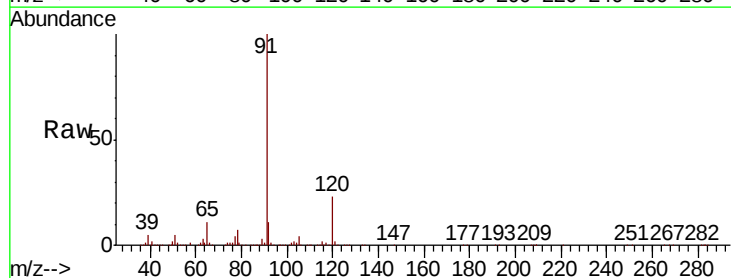
Acq: 13 May 2020 09:53

Tgt Ion: 91 Resp: 938255

Ion Ratio Lower Upper

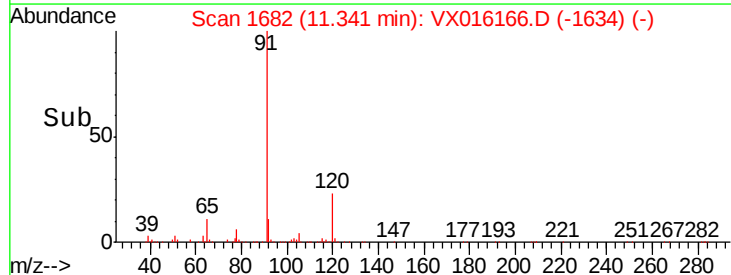
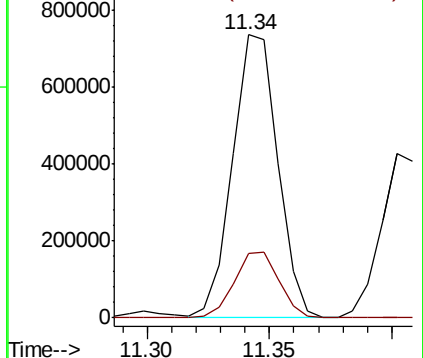
91 100

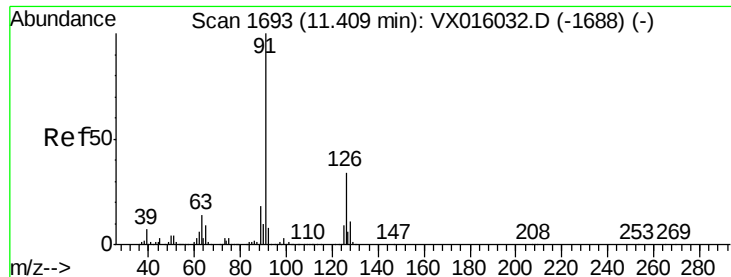
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

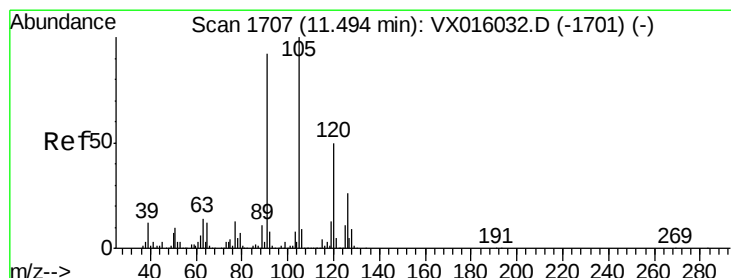
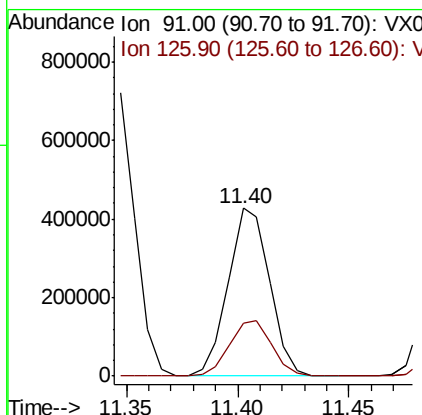
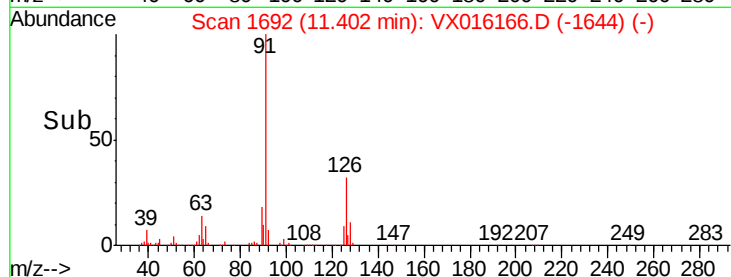
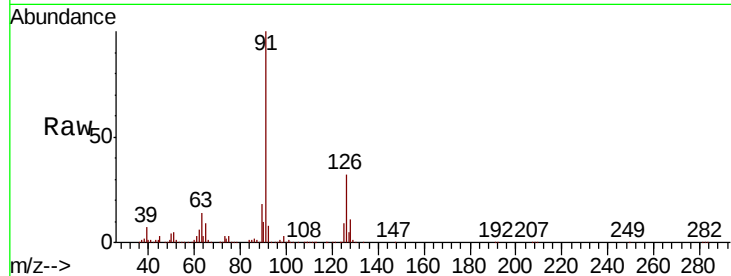




#79
 2-Chlorotoluene
 Concen: 50.608 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

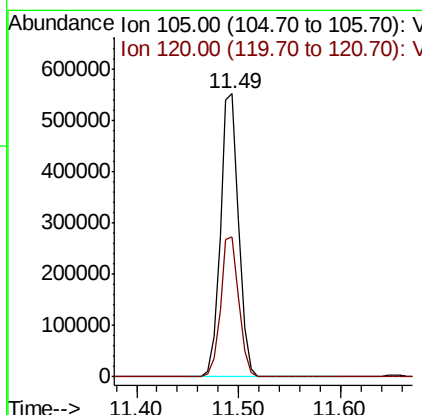
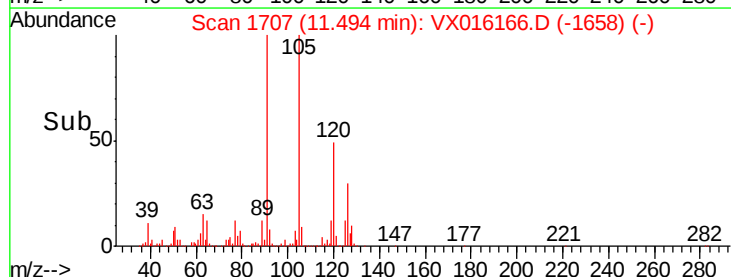
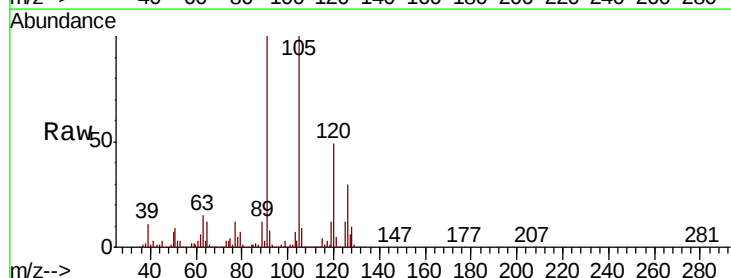
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

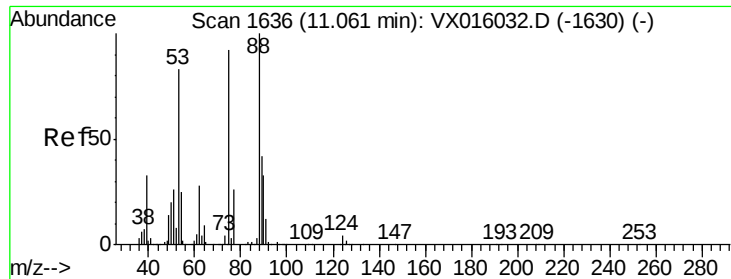
Tot Ion: 91 Resp: 552857
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.034 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Tgt Ion: 105 Resp: 685488
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.986 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

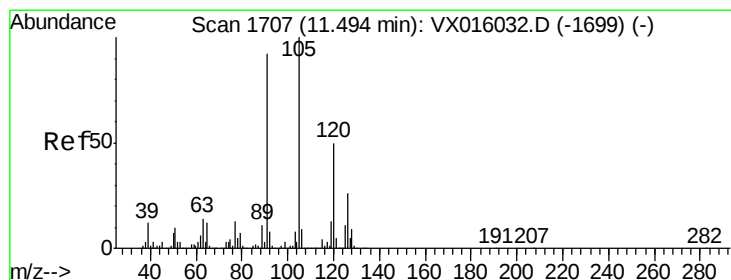
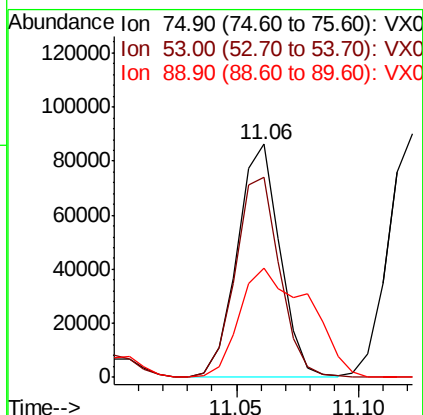
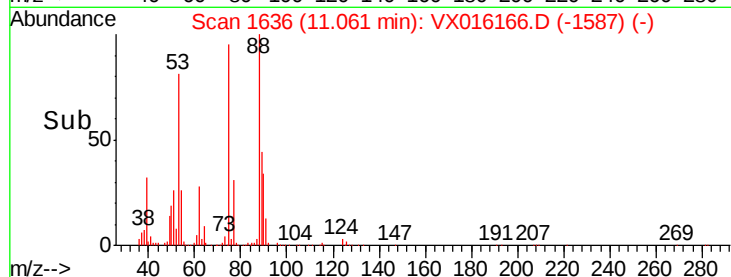
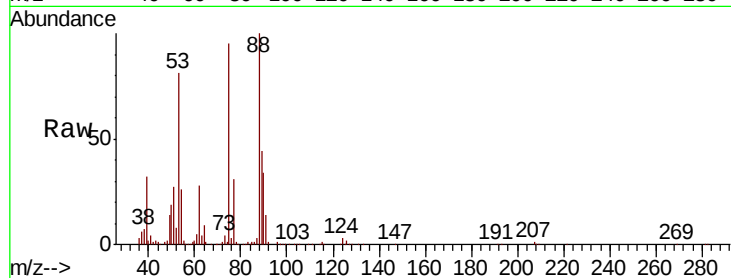
Tot Ion: 75 Resp: 104106

Ion Ratio Lower Upper

75 100

53 89.6 73.1 109.7

89 77.3 36.7 55.1#



#82

4-Chlorotoluene

Concen: 51.356 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016166.D

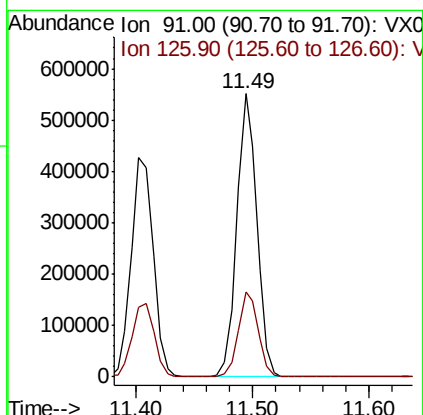
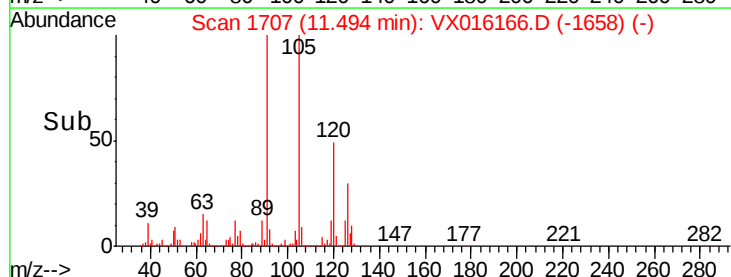
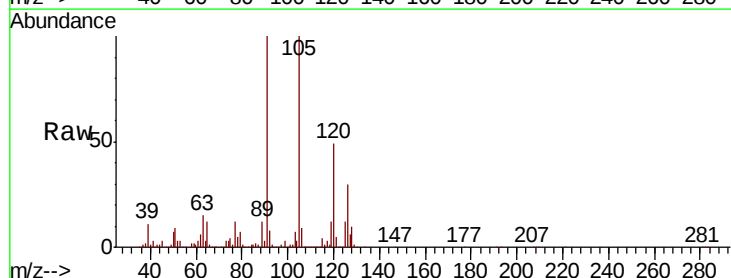
Acq: 13 May 2020 09:53

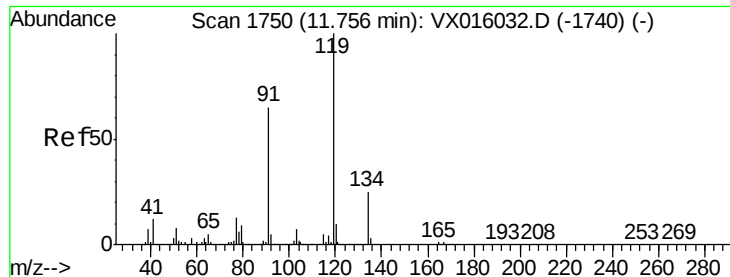
Tgt Ion: 91 Resp: 662497

Ion Ratio Lower Upper

91 100

126 29.8 14.8 44.3





#83

tert-Butylbenzene

Concen: 49.733 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

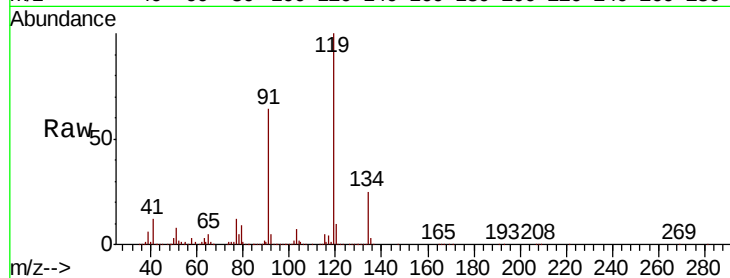
Tot Ion:119 Resp: 575693

Ion Ratio Lower Upper

119 100

91 64.7 32.8 98.4

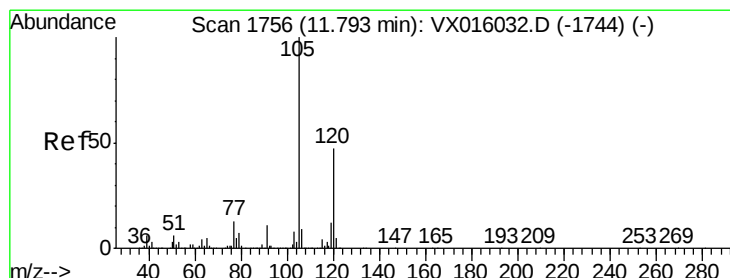
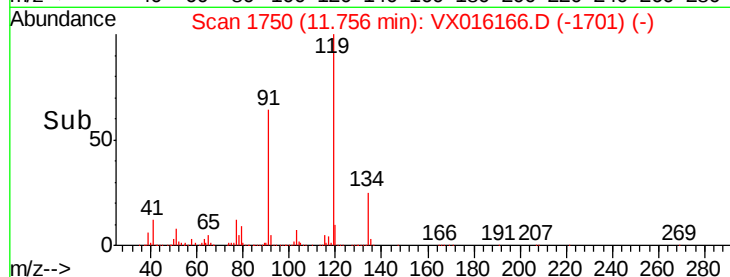
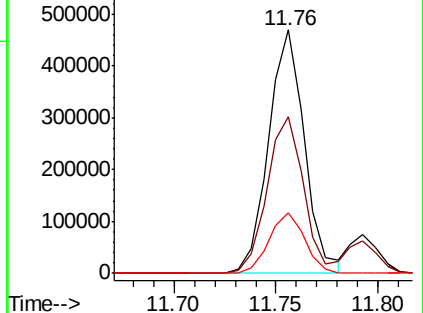
134 24.7 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.438 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016166.D

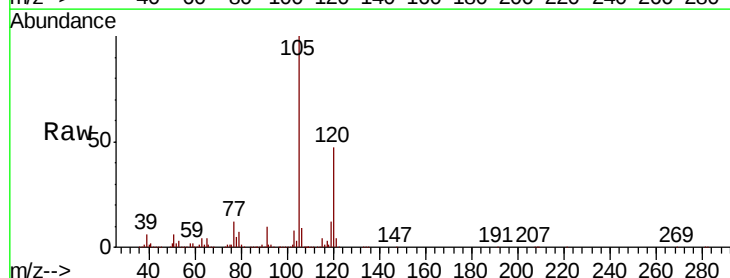
Acq: 13 May 2020 09:53

Tgt Ion:105 Resp: 698517

Ion Ratio Lower Upper

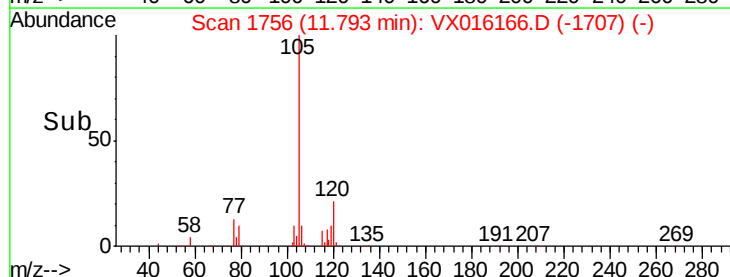
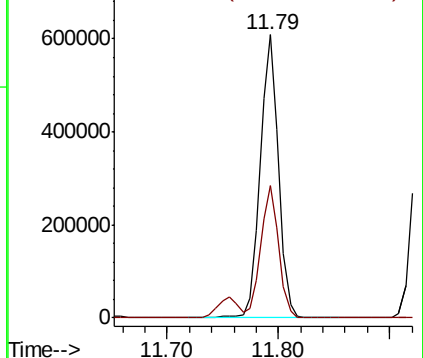
105 100

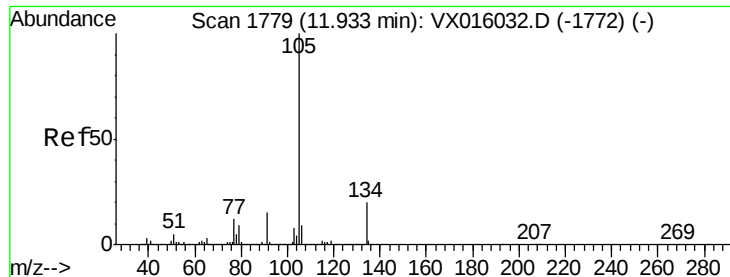
120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.651 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

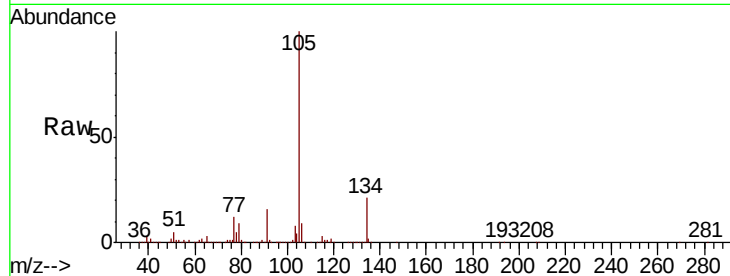
VSTDCCC050

Tot Ion:105 Resp: 760378

Ion Ratio Lower Upper

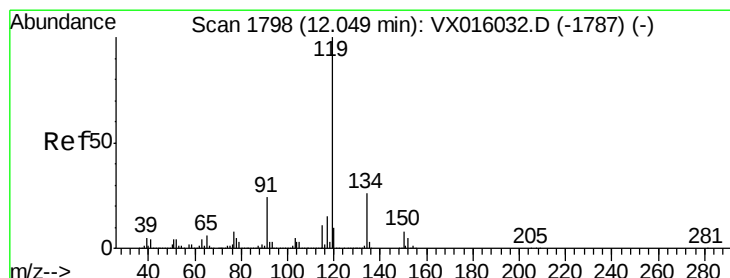
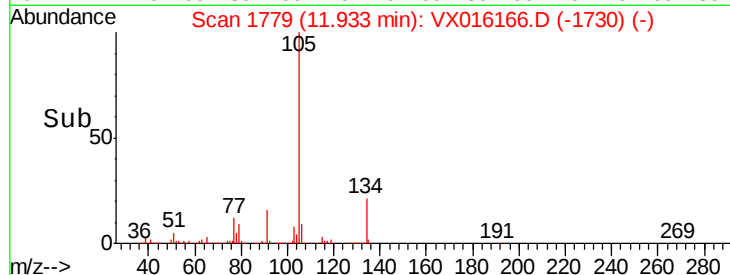
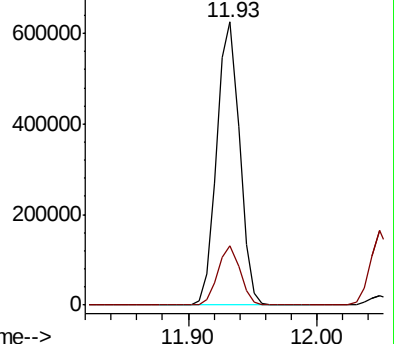
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.428 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

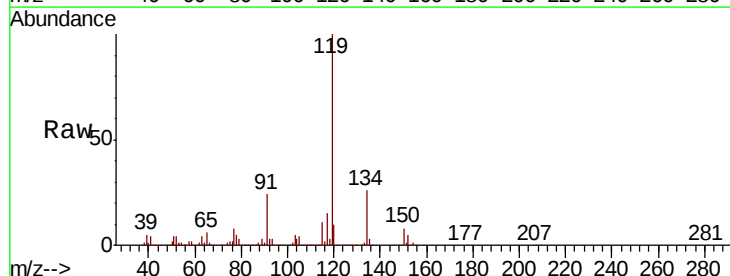
Tgt Ion:119 Resp: 717254

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

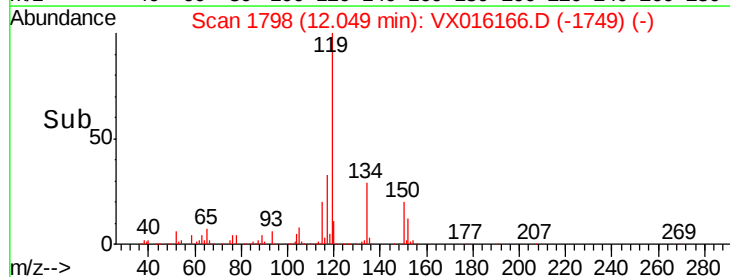
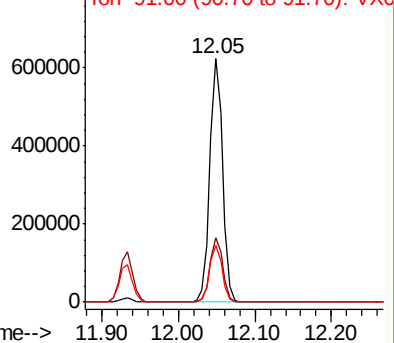
91 23.2 11.8 35.4

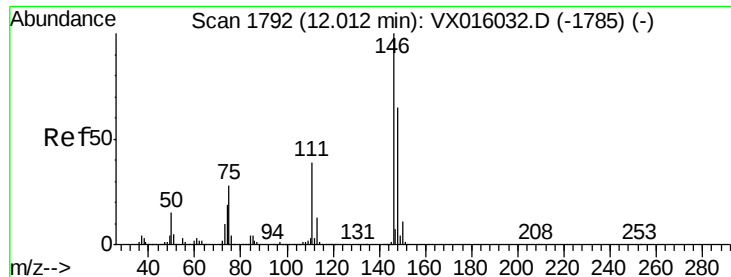


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.813 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

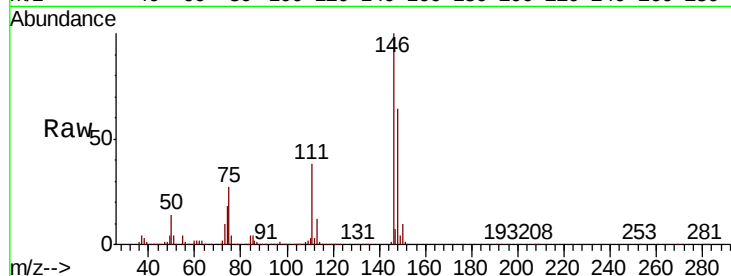
Tot Ion:146 Resp: 374641

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.6

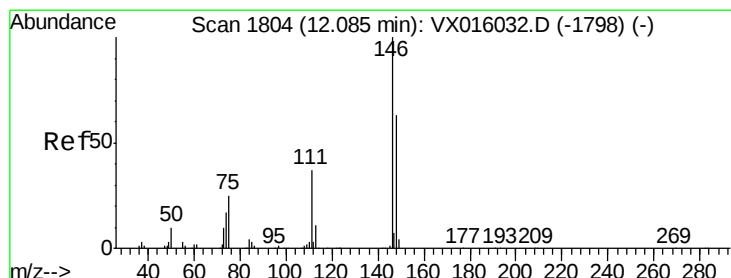
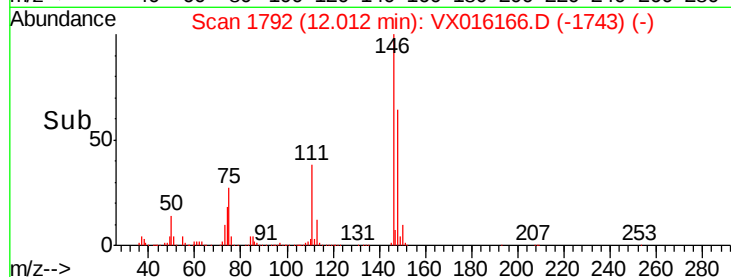
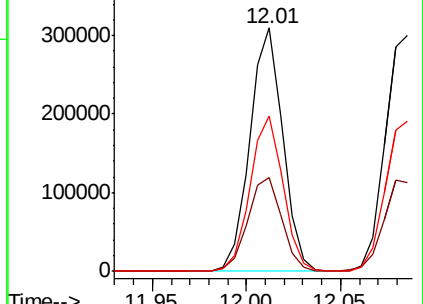
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.742 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

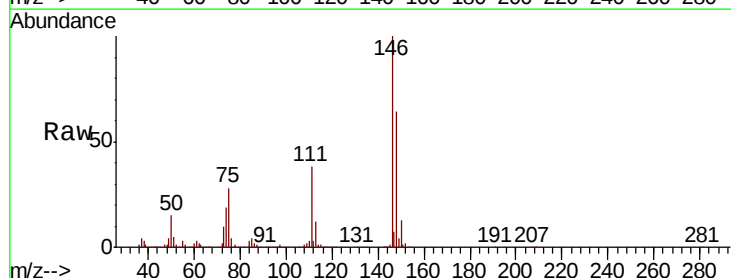
Tgt Ion:146 Resp: 379716

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

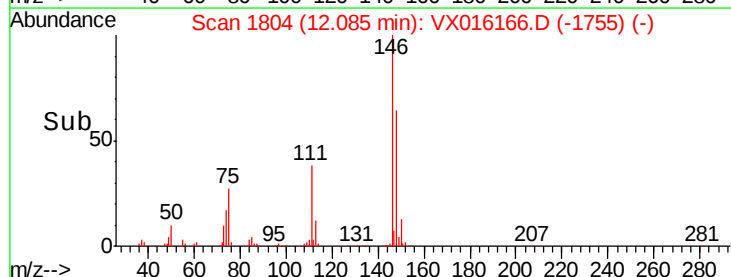
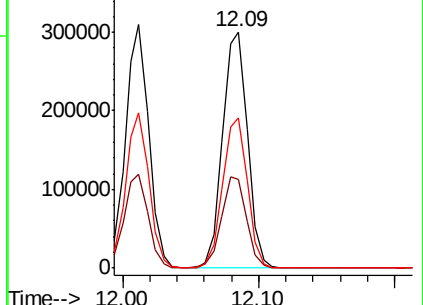
148 63.5 31.8 95.3

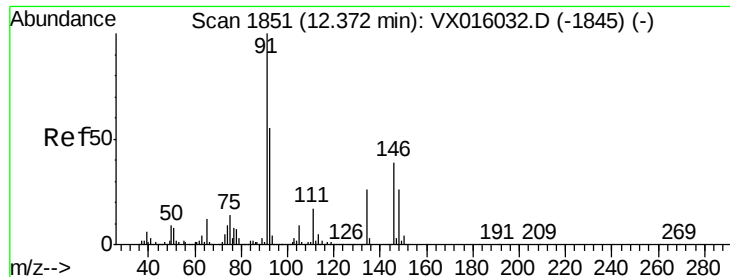


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

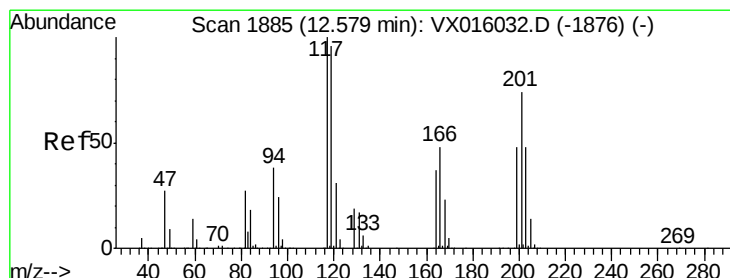
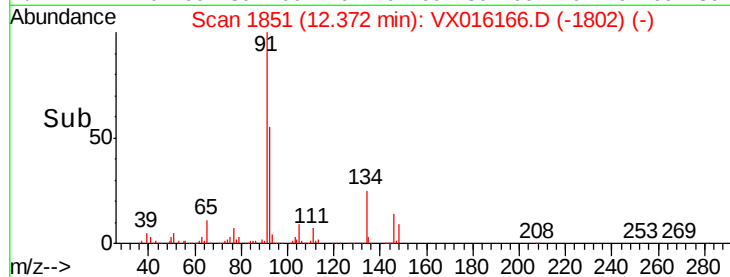
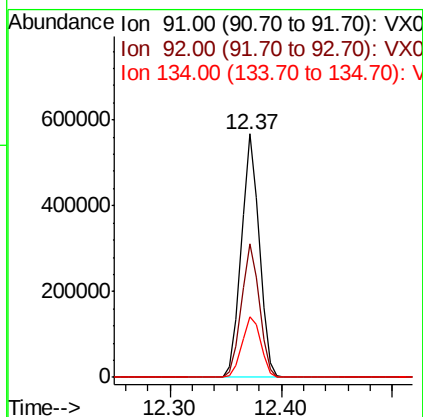
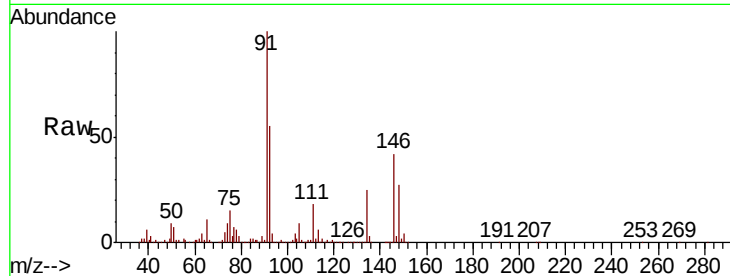




#89
n-Butylbenzene
Concen: 47.770 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

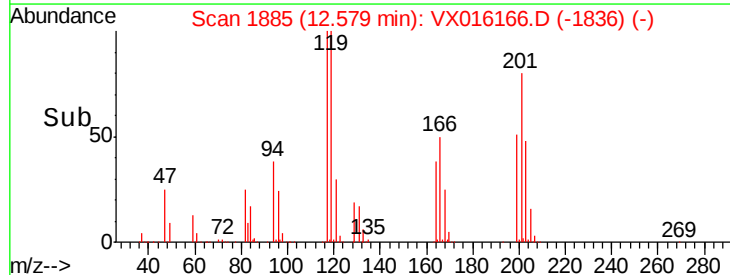
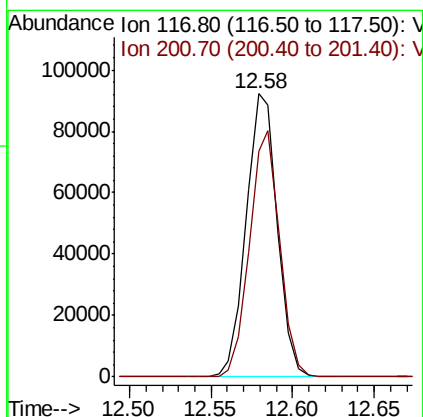
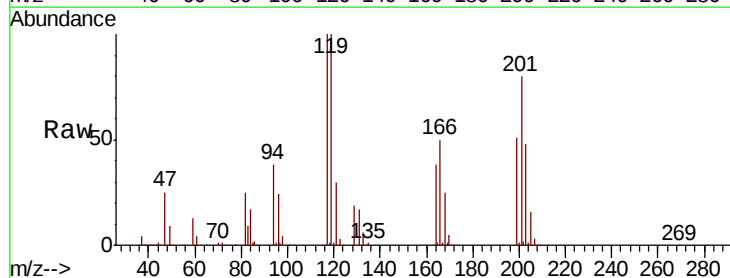
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

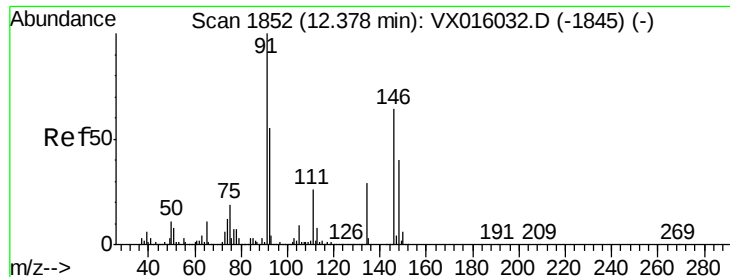
Tot Ion: 91 Resp: 633267
Ion Ratio Lower Upper
91 100
92 54.9 27.6 82.7
134 26.5 13.4 40.1



#90
Hexachloroethane
Concen: 49.206 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion: 117 Resp: 122627
Ion Ratio Lower Upper
117 100
201 84.0 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 50.587 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

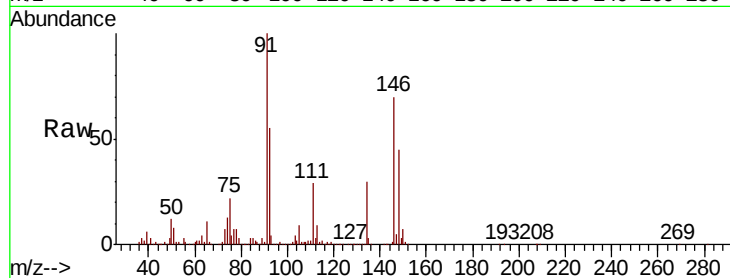
Tot Ion:146 Resp: 359134

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.1

148 63.3 32.4 97.0

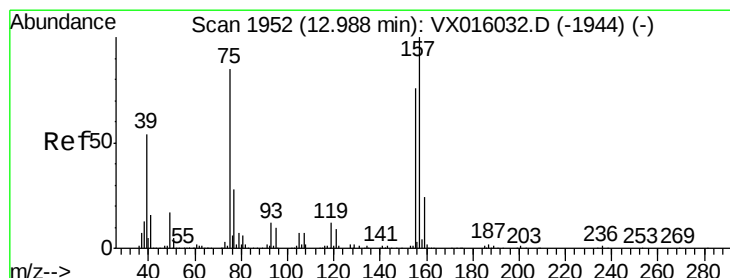
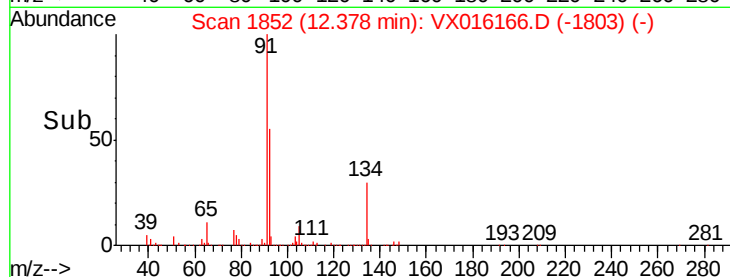
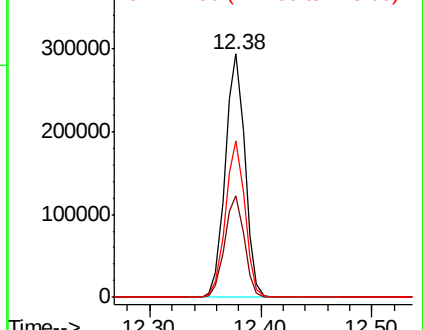


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.535 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016166.D

Acq: 13 May 2020 09:53

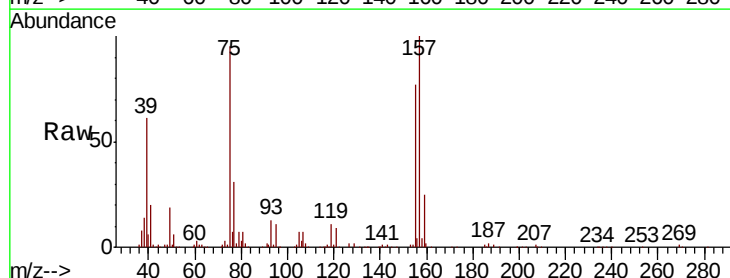
Tgt Ion: 75 Resp: 58256

Ion Ratio Lower Upper

75 100

155 88.8 42.5 127.5

157 112.6 55.3 165.8

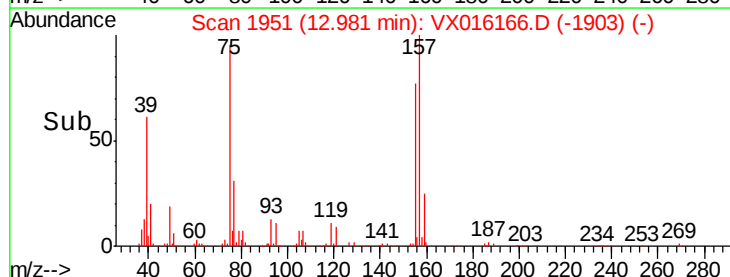
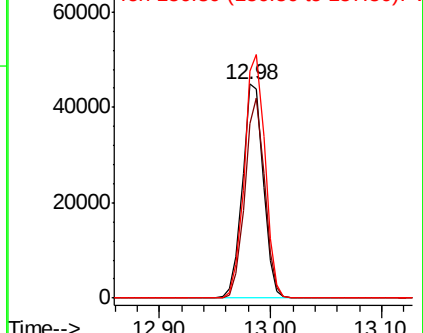


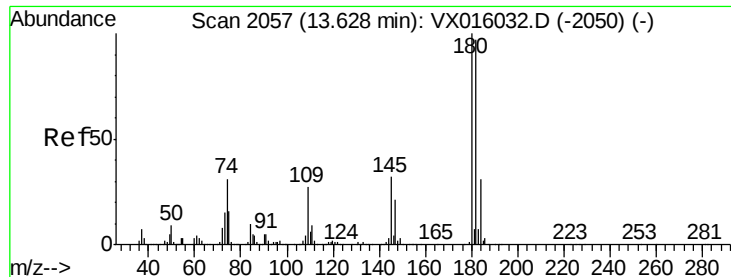
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

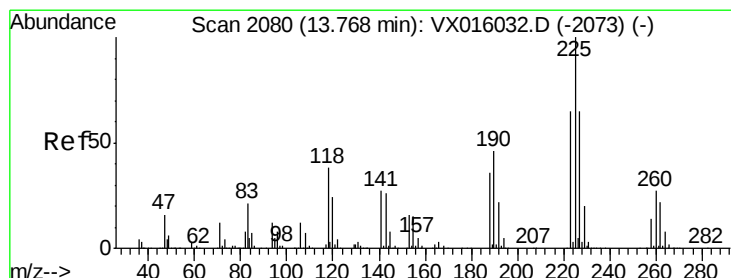
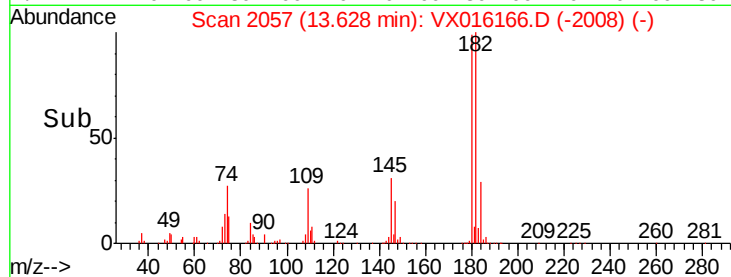
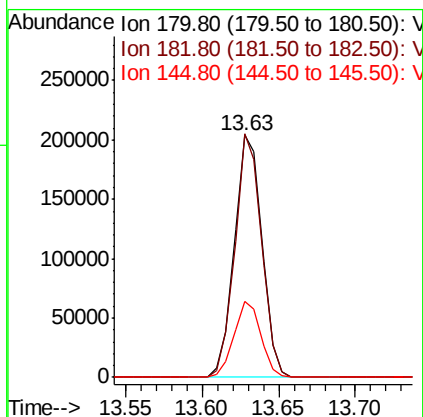
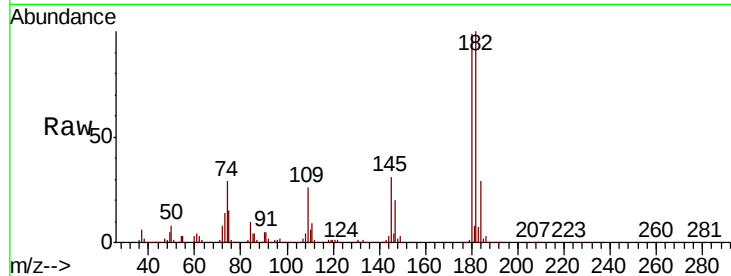




#93
 1,2,4-Trichlorobenzene
 Concen: 48.424 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

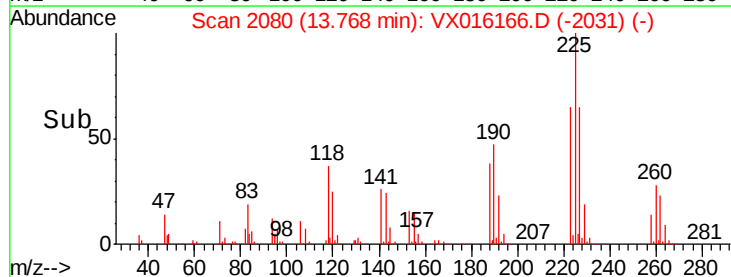
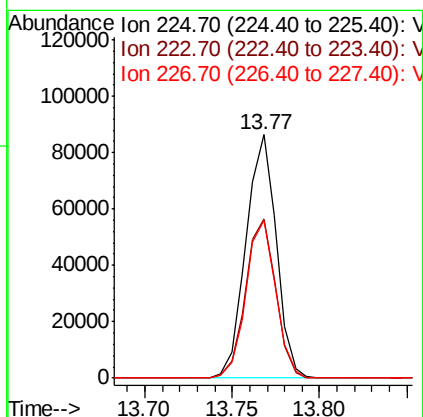
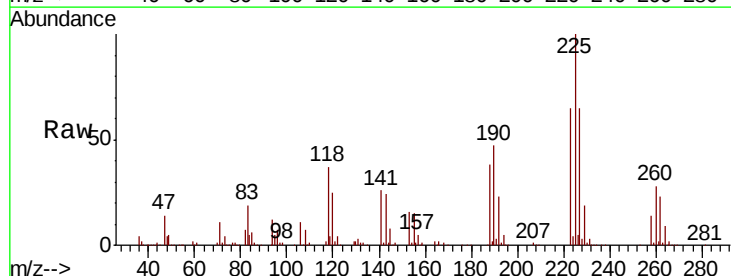
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

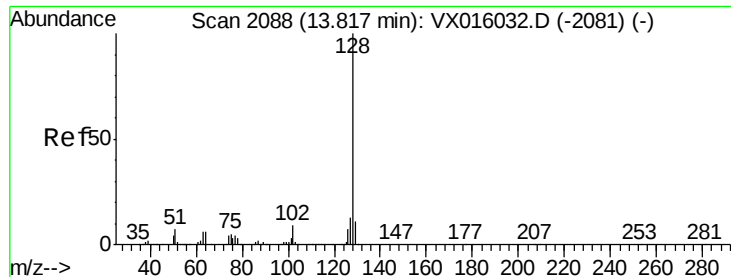
Tot Ion:180 Resp: 254524
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.7 146.1
 145 30.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 45.862 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016166.D
 Acq: 13 May 2020 09:53

Tgt Ion:225 Resp: 103700
 Ion Ratio Lower Upper
 225 100
 223 65.0 32.3 96.9
 227 64.0 31.8 95.4

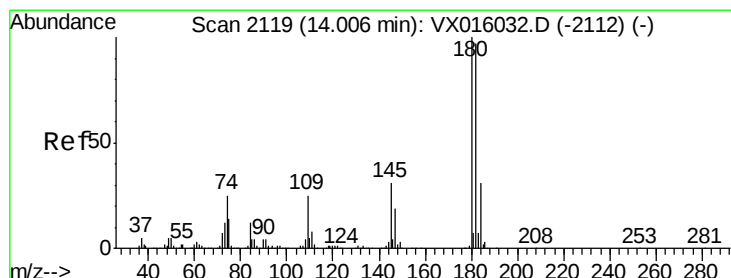
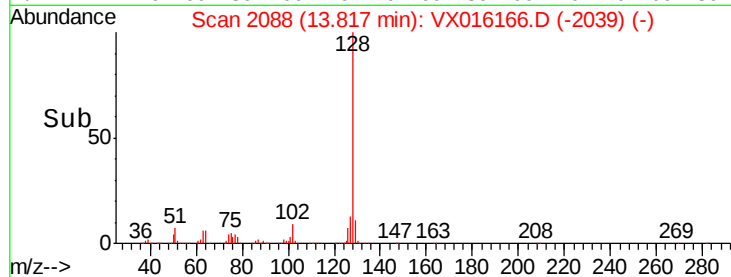
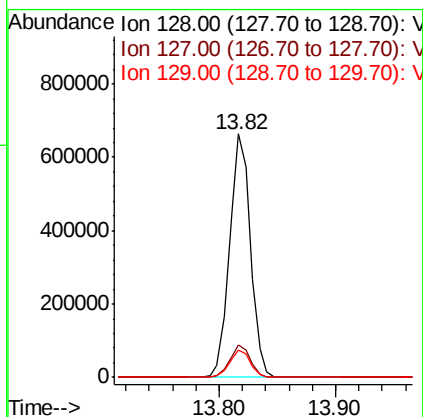
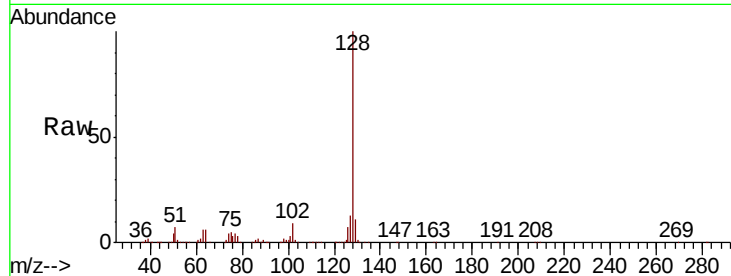




#95
Naphthalene
Concen: 48.475 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 825007
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.093 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016166.D
Acq: 13 May 2020 09:53

Tgt Ion:180 Resp: 247046
Ion Ratio Lower Upper
180 100
182 96.3 48.4 145.0
145 32.6 16.4 49.1

