

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016136.D
 Acq On : 08 May 2020 20:59
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 01:42:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49637	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	283622	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	259893	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	112513	29.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.30%
60) 4-Bromofluorobenzene	11.12	95	129419	29.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.97%
63) Toluene-d8	8.70	98	338982	30.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	67646	19.786	ug/l 97
3) Chloromethane	1.31	50	62389	18.625	ug/l 98
4) Vinyl Chloride	1.39	62	69934	18.375	ug/l 97
5) Bromomethane	1.63	94	34964	14.988	ug/l 99
6) Chloroethane	1.72	64	41751	16.733	ug/l 97
7) Trichlorofluoromethane	1.92	101	88740	16.278	ug/l 99
8) Diethyl Ether	2.17	74	34910	16.044	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49926	17.734	ug/l 99
10) 1,1-Dichloroethene	2.36	96	50952	17.939	ug/l 96
11) Methyl Iodide	2.49	142	43713	11.273	ug/l 96
12) Methyl Acetate	2.75	43	97180	19.596	ug/l 100
13) Acrolein	2.27	56	21539	54.179	ug/l 97
14) Acrylonitrile	3.12	53	175985	96.074	ug/l 99
15) Acetone	2.42	58	48959	100.994	ug/l 81
16) Carbon Disulfide	2.55	76	157106	18.182	ug/l 98
17) Allyl chloride	2.71	41	94534	17.942	ug/l 92
18) Methylene Chloride	2.84	84	59530	18.709	ug/l 93
19) trans-1,2-Dichloroethene	3.15	96	56824	18.292	ug/l 99
20) Diisopropyl ether	3.82	45	183790	18.091	ug/l 90
21) 1,1-Dichloroethane	3.67	63	104966	18.530	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	64603	18.325	ug/l 96
23) tert-Butyl Alcohol	3.01	59	82270	91.751	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	186596	18.294	ug/l 94
25) Chloroform	5.18	83	104551	18.173	ug/l 99
26) Cyclohexane	5.55	56	94898	18.320	ug/l # 100
29) 1,1-Dichloropropene	5.78	75	80357	18.014	ug/l 99
30) 2-Butanone	4.64	43	246992	92.925	ug/l 98
31) 2,2-Dichloropropane	4.56	77	83000	15.461	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	93820	17.338	ug/l 98
33) Carbon Tetrachloride	5.76	117	82422	17.107	ug/l 99
34) Benzene	6.12	78	239183	18.358	ug/l 100
35) Methacrylonitrile	5.00	41	51048	18.085	ug/l 96
36) 1,2-Dichloroethane	6.17	62	84427	16.968	ug/l 100
37) Trichloroethene	7.19	130	73773	15.917	ug/l 98
38) Methylcyclohexane	7.45	83	93995	17.243	ug/l 99
39) 1,2-Dichloropropane	7.49	63	62096	18.566	ug/l 99
40) Dibromomethane	7.64	93	41214	17.746	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	83819	17.507	ug/l	99
42) Vinyl Acetate	3.79	43	768571	87.402	ug/l	99
43) Ethyl Acetate	4.80	43	94158	17.959	ug/l	100
44) Isopropyl Acetate	6.42	43	149656	17.589	ug/l	97
45) 1,4-Dioxane	7.71	88	32222	358.529	ug/l	98
46) Methyl methacrylate	7.75	41	70522	17.484	ug/l	91
47) n-amyl Acetate	10.88	43	125322	16.845	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	95618	17.199	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	102289	17.808	ug/l	93
50) 1,1,2-Trichloroethane	9.20	97	59007	18.030	ug/l	97
51) Ethyl methacrylate	9.16	69	94703	17.524	ug/l	92
52) 1,3-Dichloropropane	9.35	76	103141	18.231	ug/l	100
53) Dibromochloromethane	9.57	129	64148	17.229	ug/l	98
54) 1,2-Dibromoethane	9.65	107	63371	17.619	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	277042	94.230	ug/l	99
56) Bromoform	10.84	173	48200	17.181	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	470571	91.816	ug/l	98
59) 2-Hexanone	9.48	43	358668	90.600	ug/l	97
61) Tetrachloroethene	9.32	164	83649	16.271	ug/l	99
62) Toluene	8.77	91	252476	18.184	ug/l	99
64) Chlorobenzene	10.12	112	158521	17.931	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	59833	17.827	ug/l	98
66) Ethyl Benzene	10.24	91	284694	18.007	ug/l	99
67) m/p-Xylenes	10.34	106	214830	35.668	ug/l	97
68) o-Xylene	10.68	106	102236	17.602	ug/l	98
69) Styrene	10.70	104	172288	17.332	ug/l	99
70) Isopropylbenzene	11.01	105	274818	17.525	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	71201	24.425	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	116052	24.580	ug/l	83
73) Bromobenzene	11.24	156	68162	17.249	ug/l	98
74) n-propylbenzene	11.35	91	319951	17.566	ug/l	100
75) 2-Chlorotoluene	11.41	91	191632	17.904	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	229161	17.216	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	33647	16.574	ug/l	95
78) 4-Chlorotoluene	11.49	91	222908	17.594	ug/l	100
79) tert-butylbenzene	11.76	119	201494	17.724	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	231440	17.404	ug/l	100
81) sec-Butylbenzene	11.93	105	262756	17.137	ug/l	99
82) p-Isopropyltoluene	12.05	119	244346	17.197	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	123010	17.266	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	123764	17.483	ug/l	99
85) n-Butylbenzene	12.37	91	216813	16.705	ug/l	99
86) Hexachloroethane	12.58	117	41032	16.404	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	120319	17.462	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	22018	18.050	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	86807	17.104	ug/l	97
90) Hexachlorobutadiene	13.77	225	35463	16.259	ug/l	99
91) Naphthalene	13.82	128	291315	18.029	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	86843	17.811	ug/l	97

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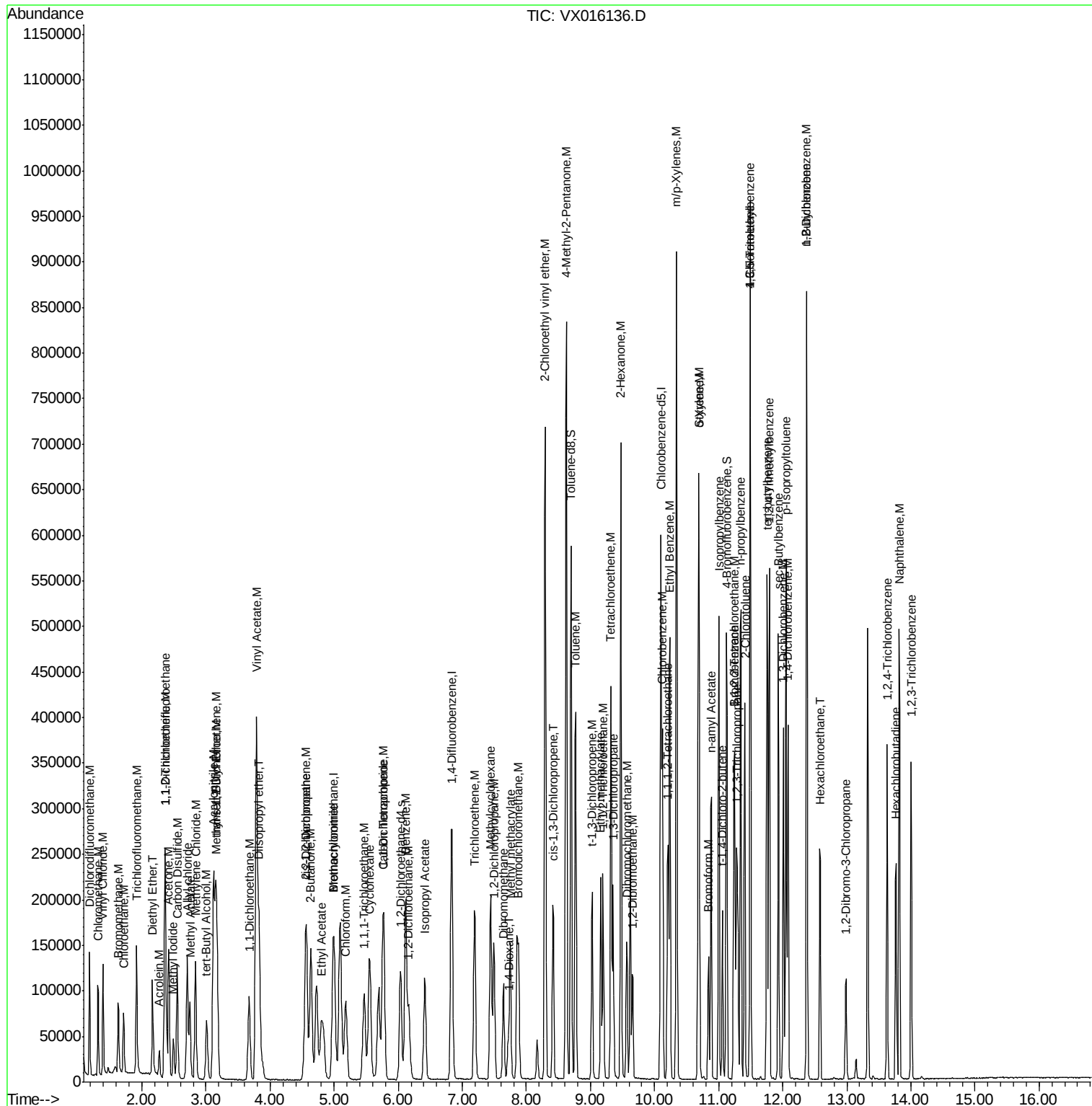
Instrument :
MSVOA_X
ClientSampleId :

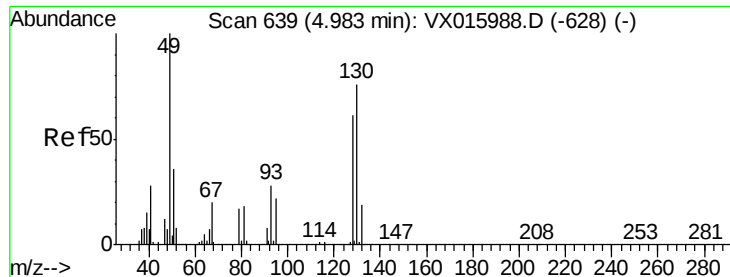
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 09 01:42:21 2020
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QLast Update : Thu Apr 30 12:42:44 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

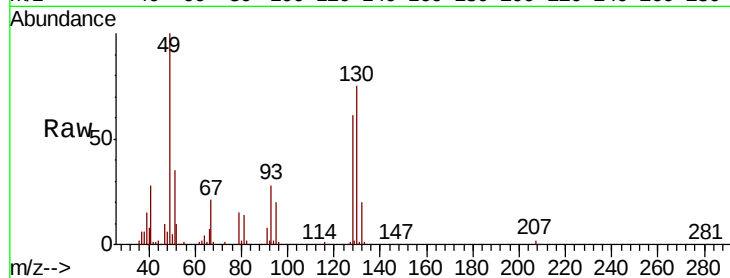
Delta R.T. 0.00 min

Lab File: VX016136.D

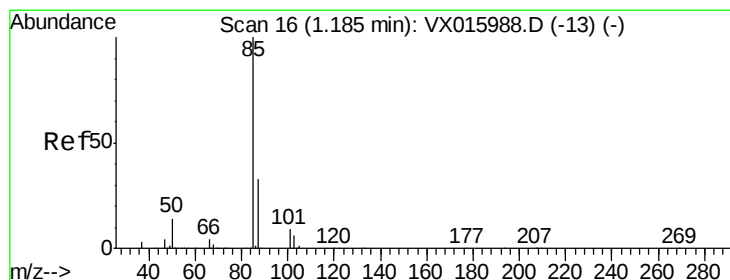
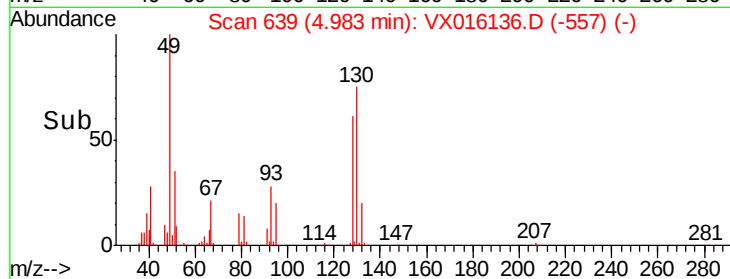
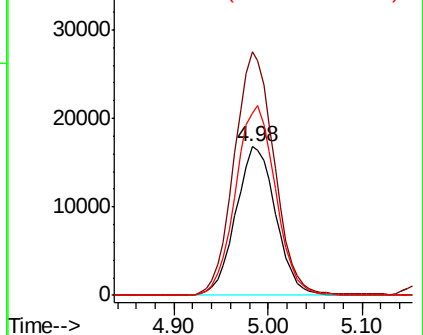
Acq: 08 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	128	Resp:	49637
Ion	Ratio	Lower	Upper
128	100		
49	163.9	0.0	418.5
130	127.8	0.0	326.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.786 ug/l

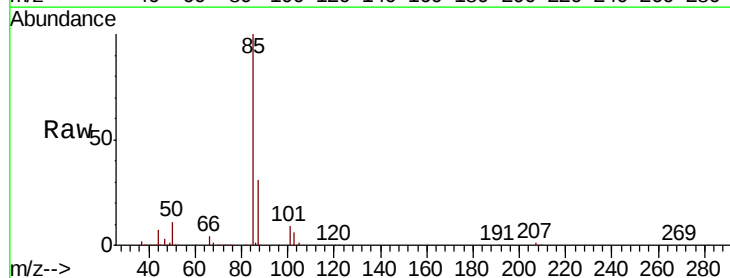
RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

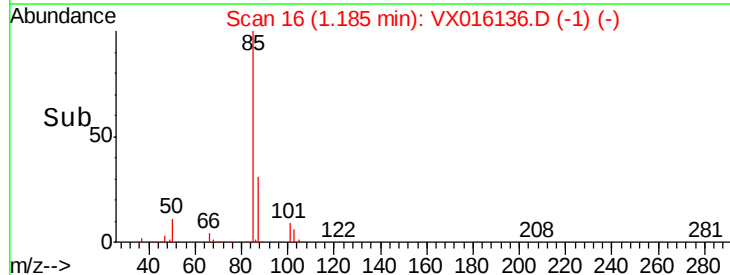
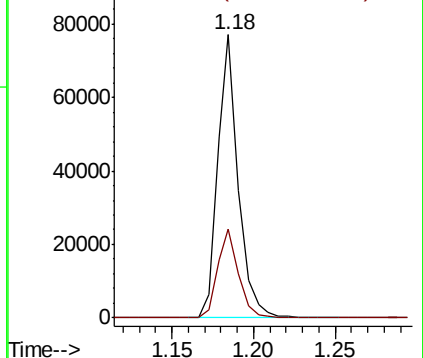
Lab File: VX016136.D

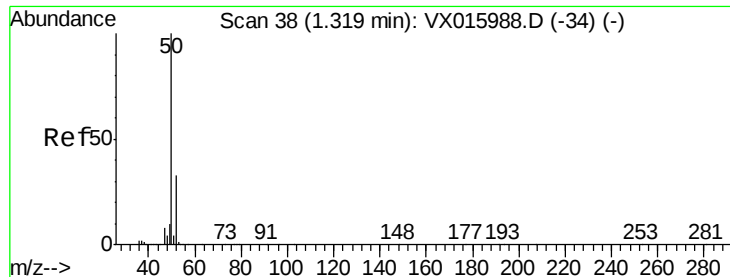
Acq: 08 May 2020 20:59

Tgt Ion:	85	Resp:	67646
Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.6	49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.625 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

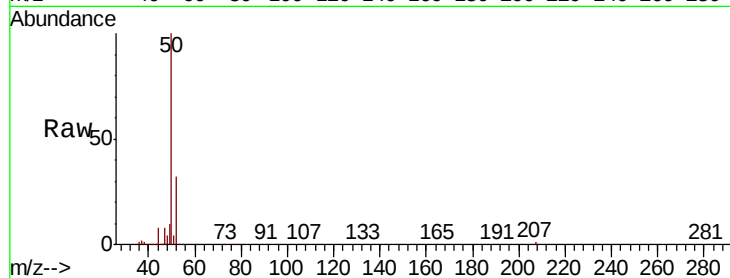
ClientSampleId :

Tot Ion: 50 Resp: 62389

Ion Ratio Lower Upper

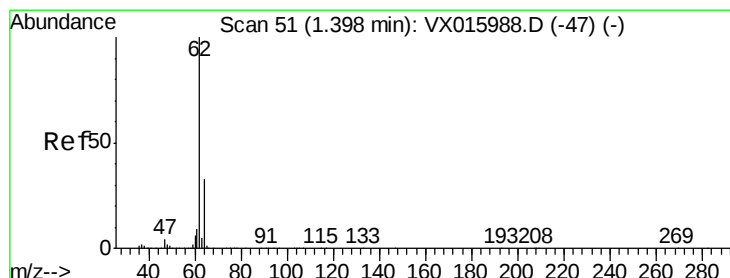
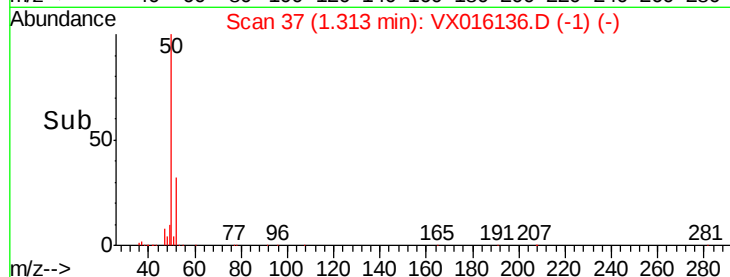
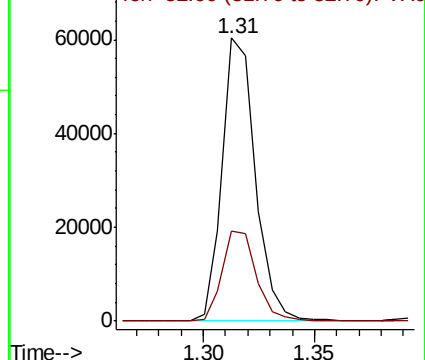
50 100

52 32.0 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.375 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016136.D

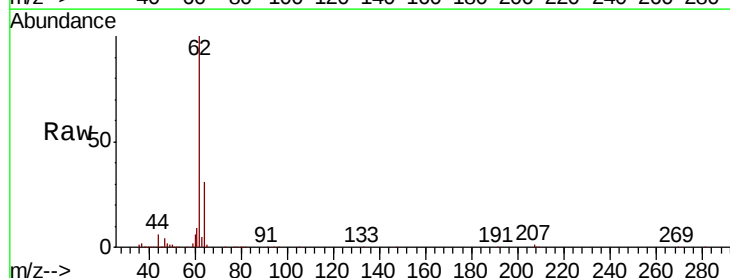
Acq: 08 May 2020 20:59

Tgt Ion: 62 Resp: 69934

Ion Ratio Lower Upper

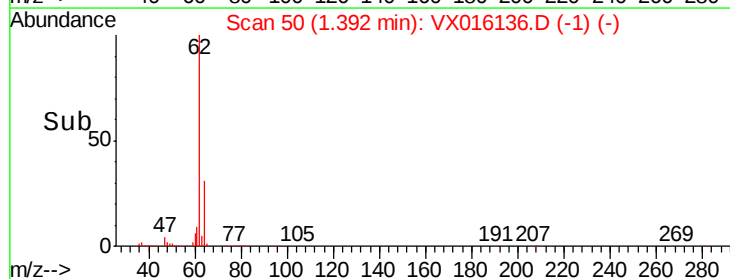
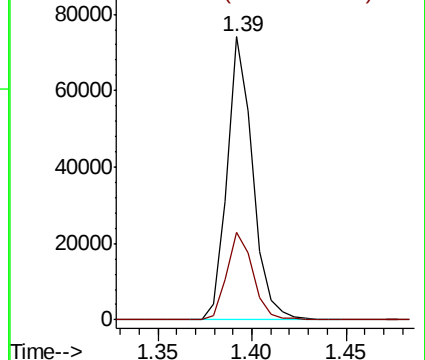
62 100

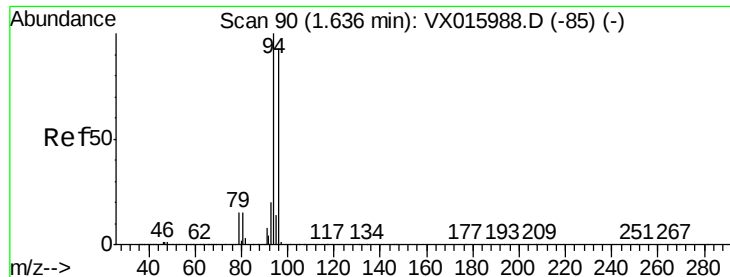
64 31.1 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 14.988 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

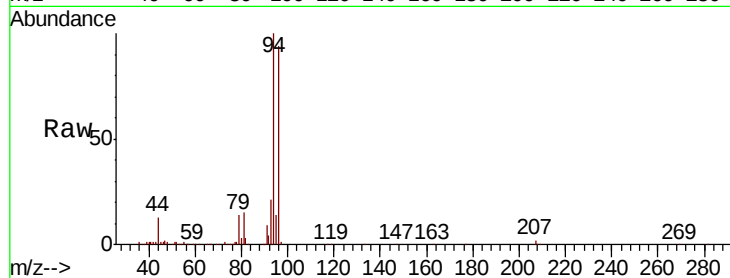
ClientSampleId :

Tot Ion: 94 Resp: 34964

Ion Ratio Lower Upper

94 100

96 93.6 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

30000

25000

20000

15000

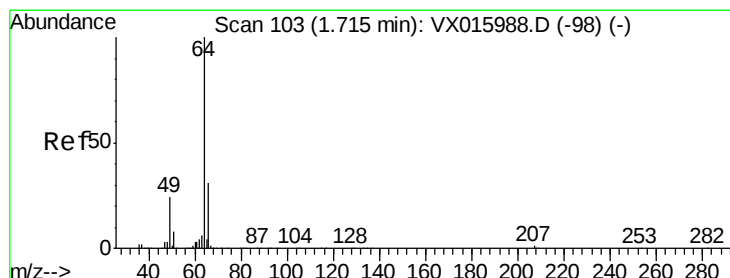
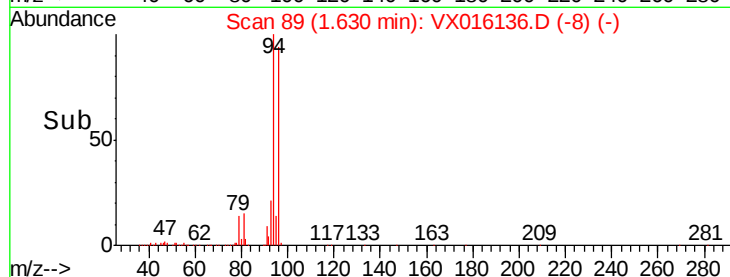
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 16.733 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016136.D

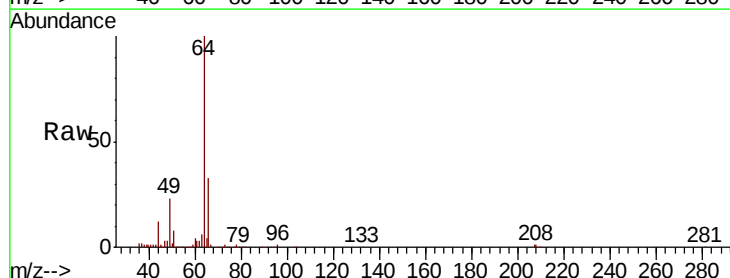
Acq: 08 May 2020 20:59

Tgt Ion: 64 Resp: 41751

Ion Ratio Lower Upper

64 100

66 32.7 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

40000

30000

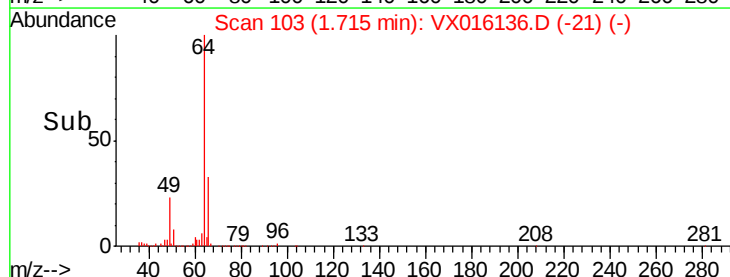
20000

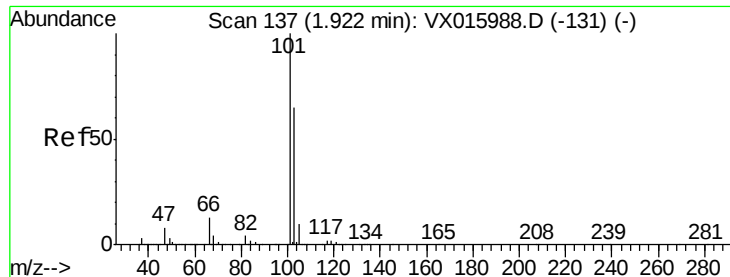
10000

0

1.65 1.70 1.75 1.80

Time-->



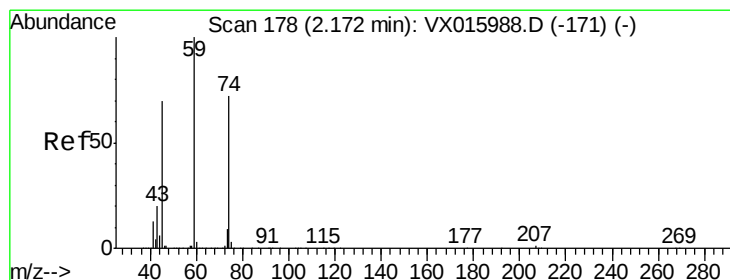
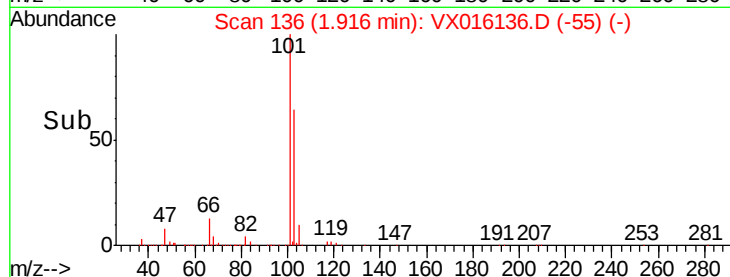
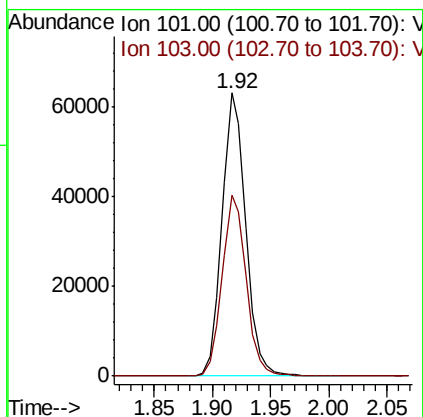
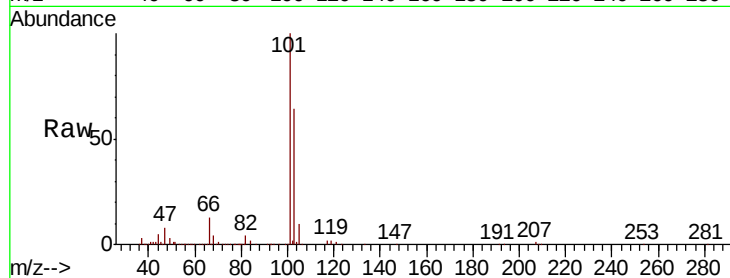


#7

Trichlorofluoromethane
 Concen: 16.278 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Instrument :
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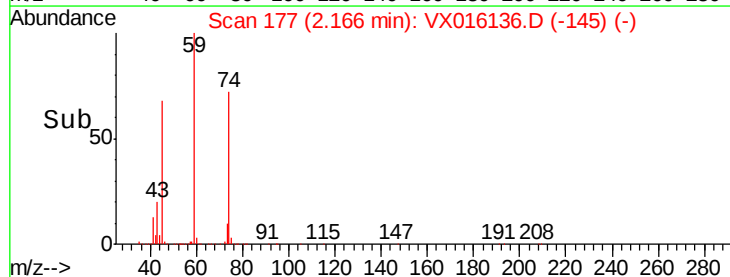
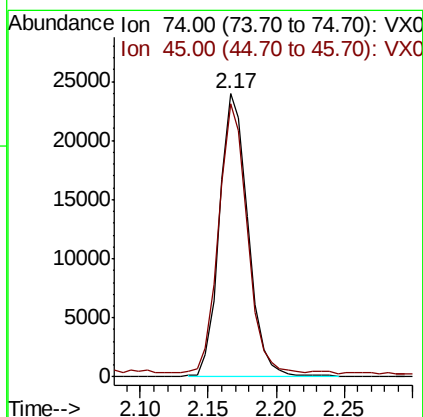
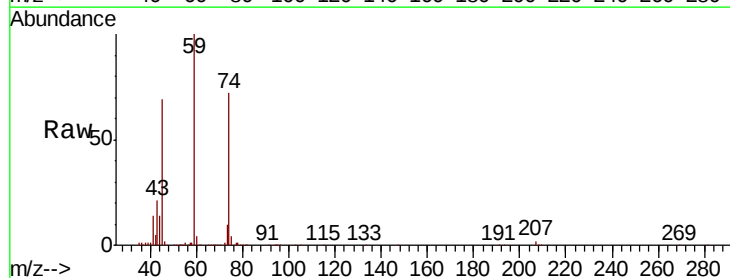
Tot Ion:101 Resp: 88740
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.8

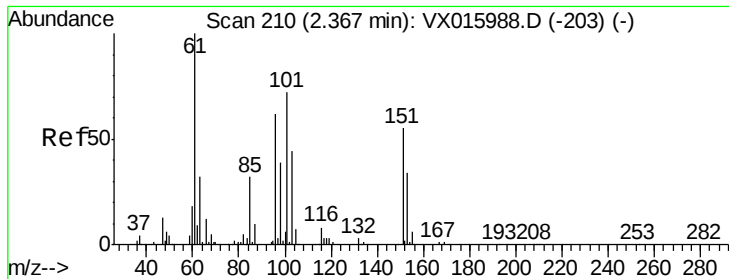


#8

Diethyl Ether
 Concen: 16.044 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Tgt Ion: 74 Resp: 34910
 Ion Ratio Lower Upper
 74 100
 45 94.8 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.734 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

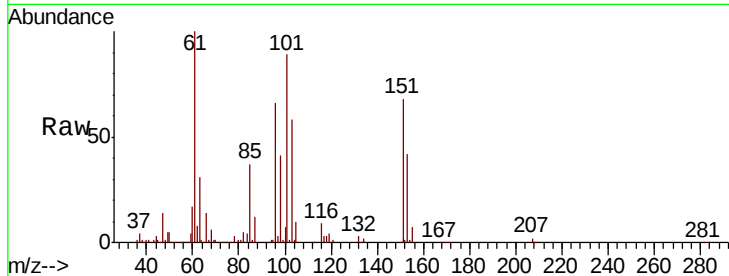
Tot Ion:101 Resp: 49926

Ion Ratio Lower Upper

101 100

85 43.9 0.0 90.6

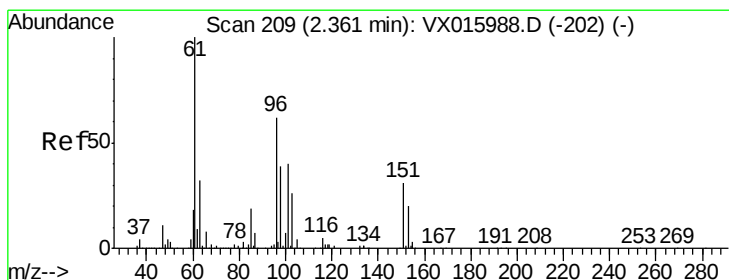
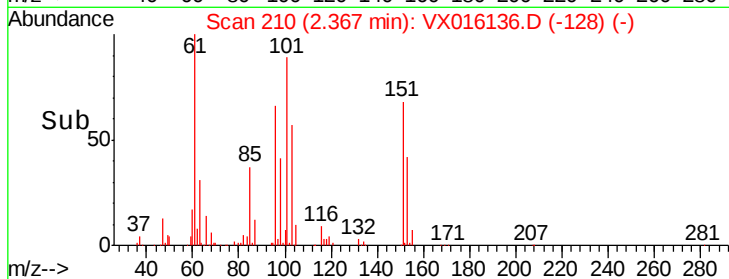
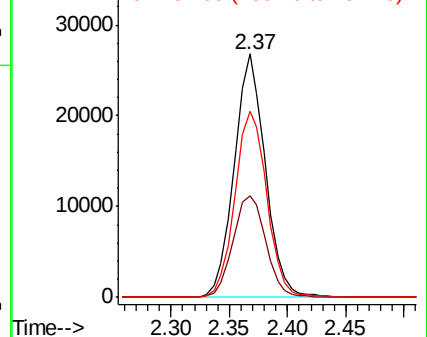
151 78.4 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.939 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

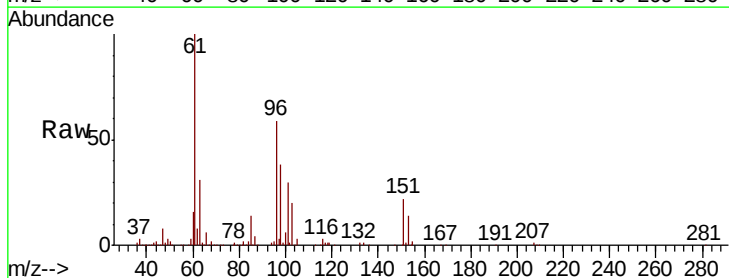
Tgt Ion: 96 Resp: 50952

Ion Ratio Lower Upper

96 100

61 168.7 129.8 194.8

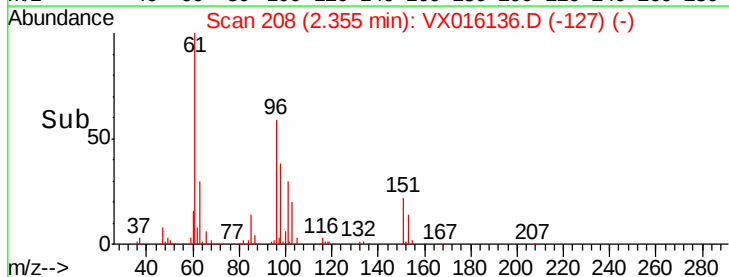
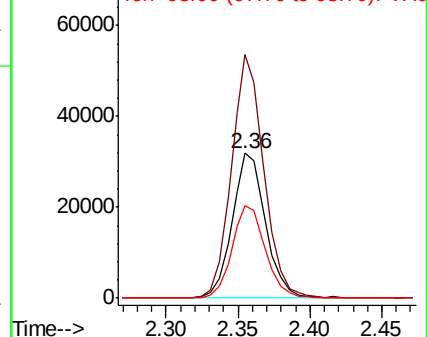
98 64.6 51.1 76.7

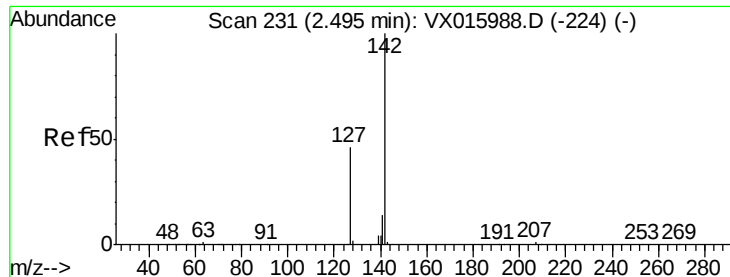


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

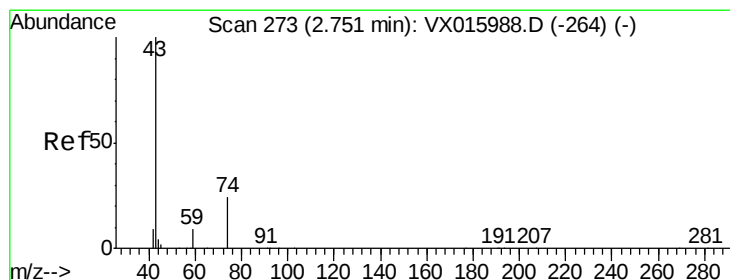
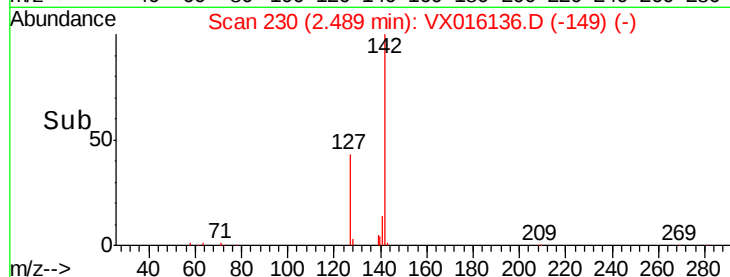
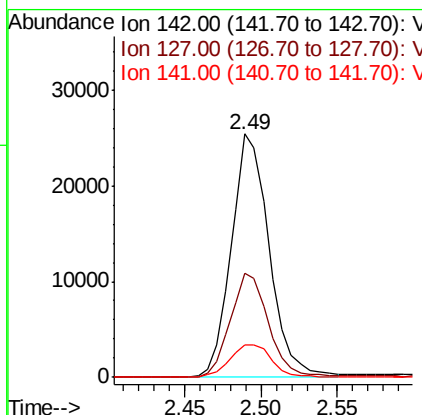
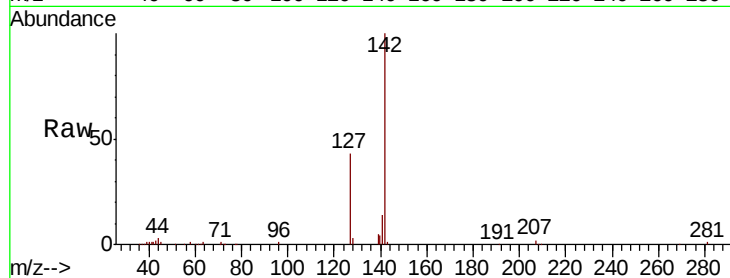




#11
Methvl Iodide
Concen: 11.273 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

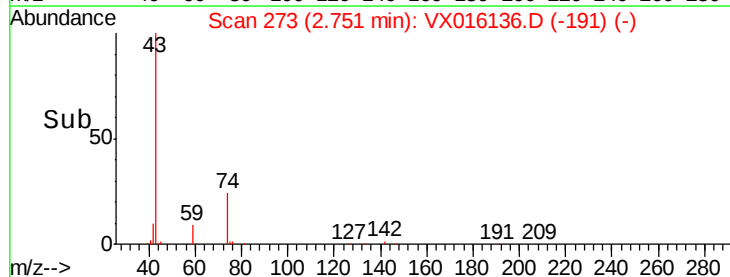
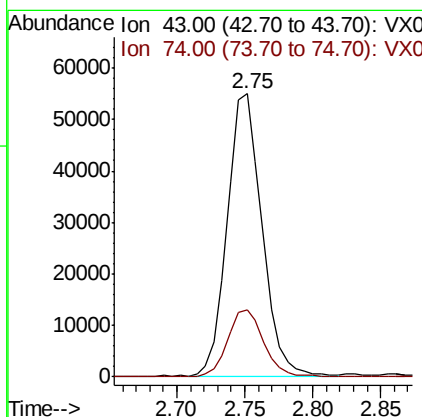
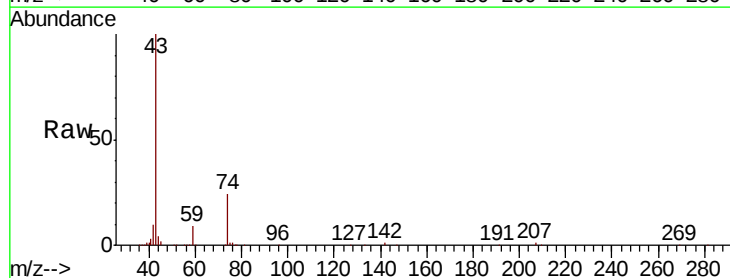
Instrument :
MSVOA_X
ClientSampleId :

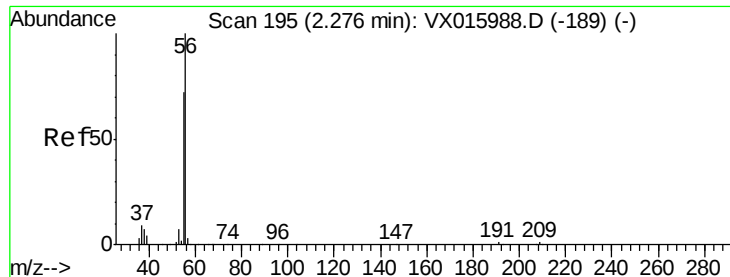
Tot Ion:142 Resp: 43713
Ion Ratio Lower Upper
142 100
127 42.8 22.8 68.4
141 13.4 7.0 21.1



#12
Methyl Acetate
Concen: 19.596 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion: 43 Resp: 97180
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.4





#13

Acrolein

Concen: 54.179 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

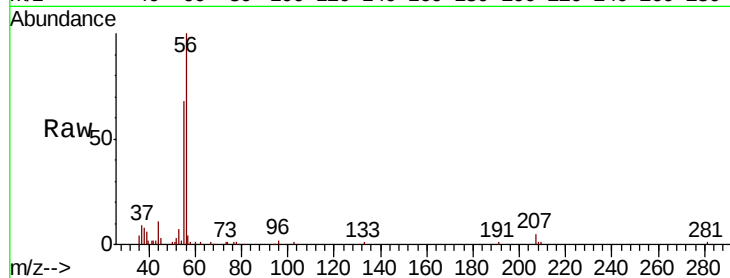
ClientSampleId :

Tot Ion: 56 Resp: 21539

Ion Ratio Lower Upper

56 100

55 67.7 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

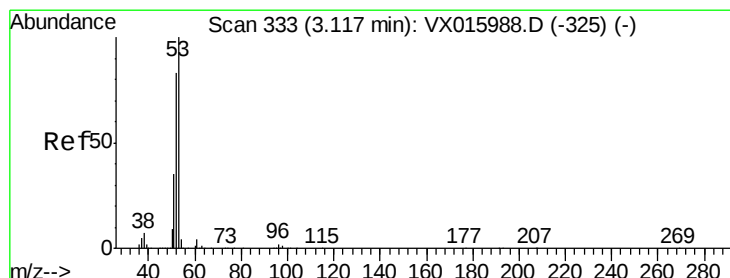
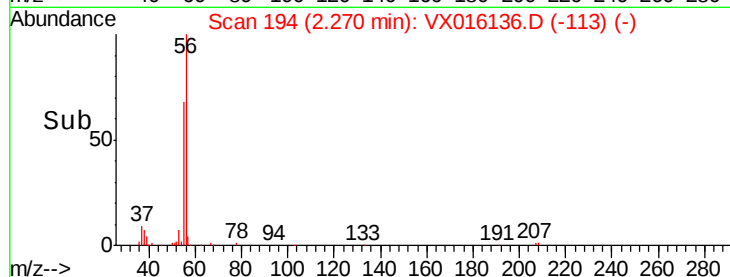
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 96.074 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

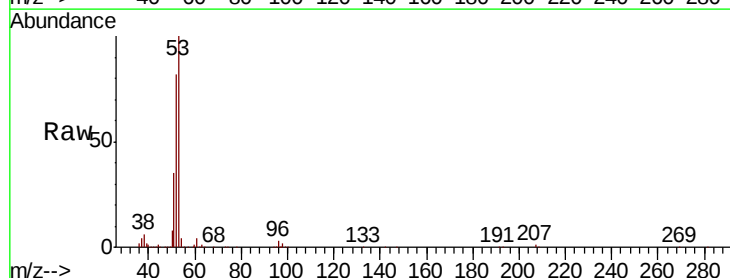
Tgt Ion: 53 Resp: 175985

Ion Ratio Lower Upper

53 100

52 81.5 41.2 123.6

51 35.6 17.8 53.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

120000

100000

80000

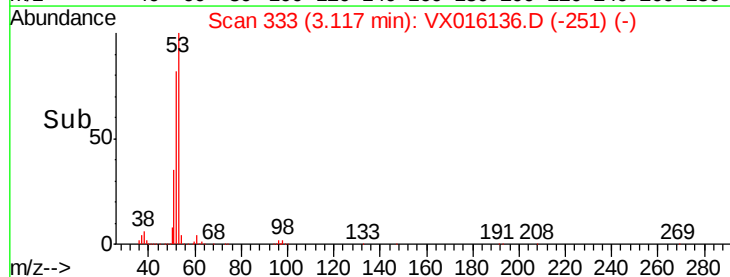
60000

40000

20000

0

Time--> 3.00 3.10 3.20





#15

Acetone

Concen: 100.994 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

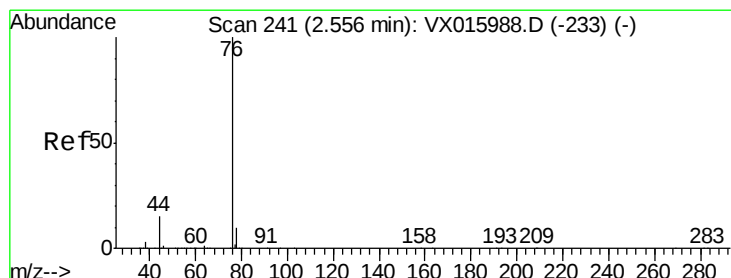
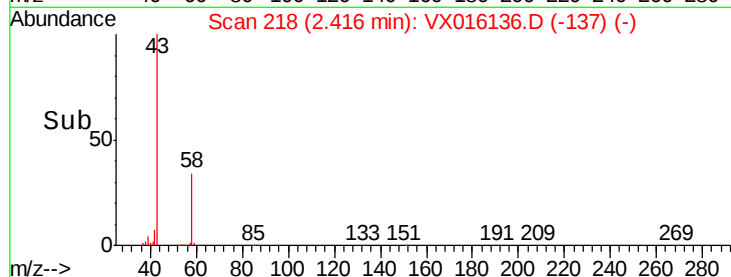
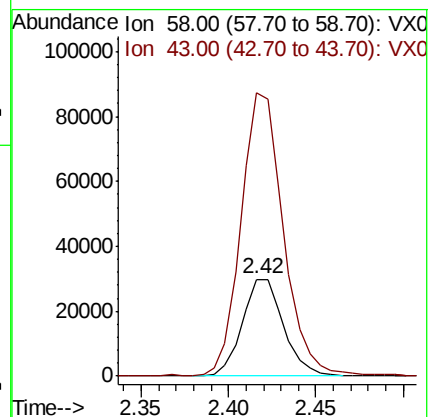
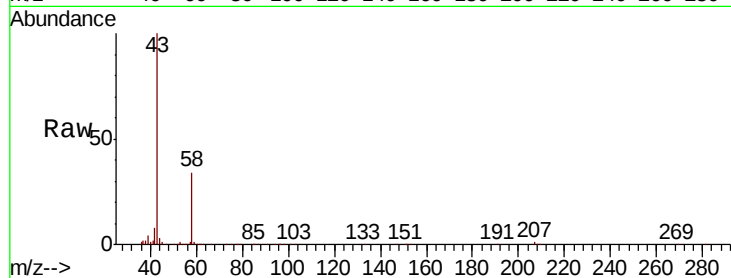
ClientSampleId :

Tot Ion: 58 Resp: 48959

Ion Ratio Lower Upper

58 100

43 291.4 264.2 396.2



#16

Carbon Disulfide

Concen: 18.182 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX016136.D

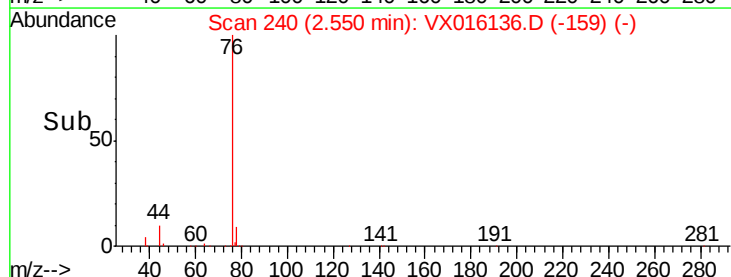
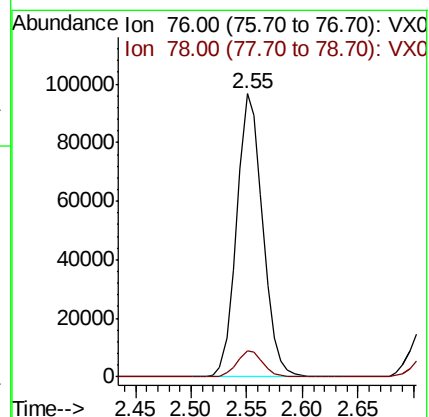
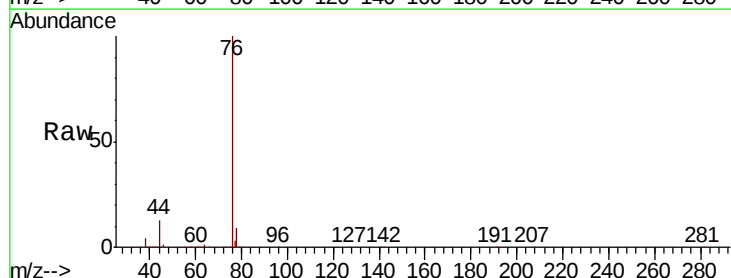
Acq: 08 May 2020 20:59

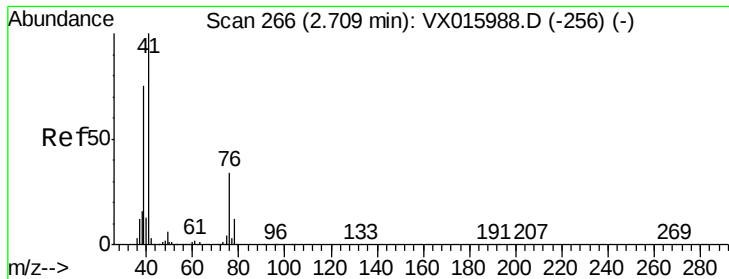
Tgt Ion: 76 Resp: 157106

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

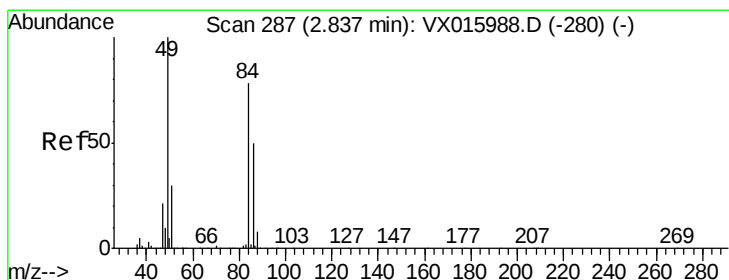
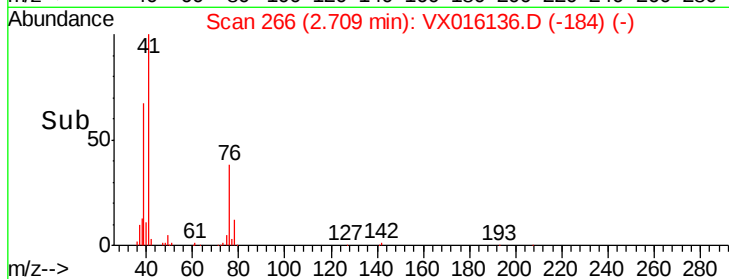
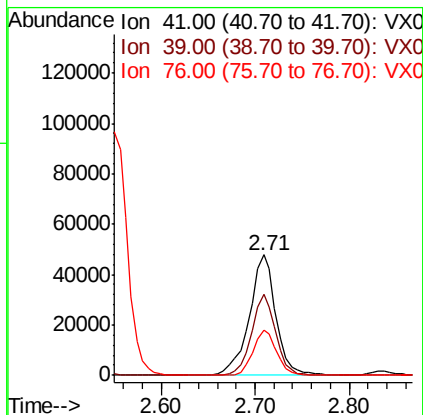
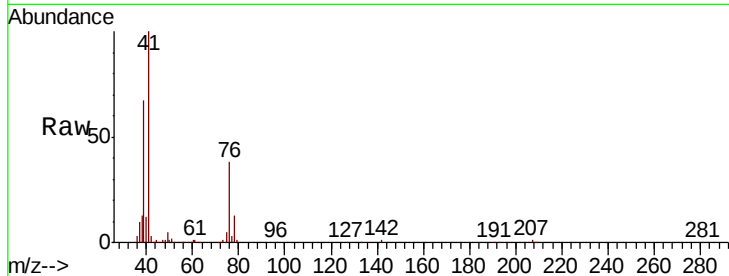




#17
Allvl chloride
Concen: 17.942 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

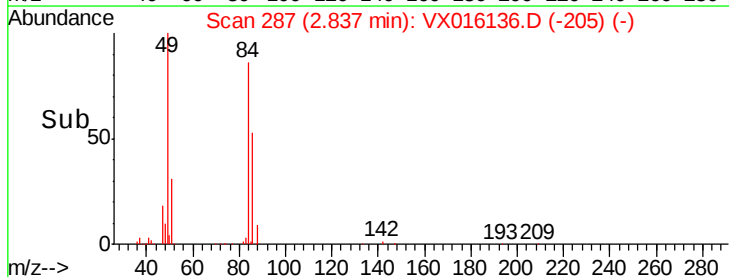
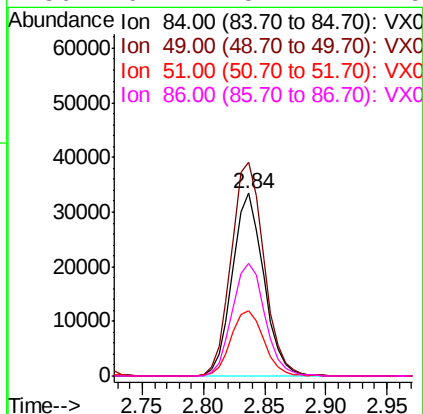
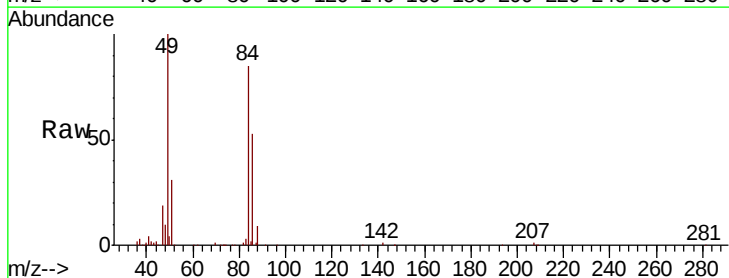
Instrument :
MSVOA_X
ClientSampleId :

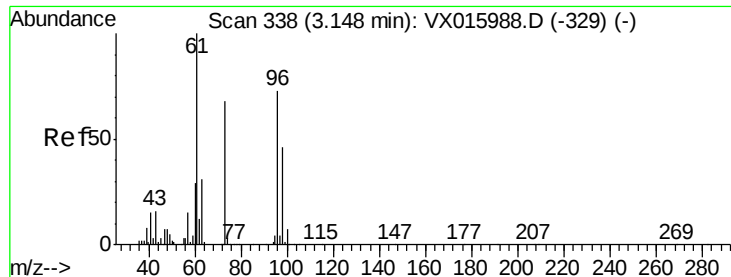
Tot Ion: 41 Resp: 94534
Ion Ratio Lower Upper
41 100
39 66.8 37.6 112.8
76 37.4 17.2 51.5



#18
Methylene Chloride
Concen: 18.709 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion: 84 Resp: 59530
Ion Ratio Lower Upper
84 100
49 117.1 103.0 154.4
51 36.0 31.4 47.0
86 62.1 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 18.292 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampled :

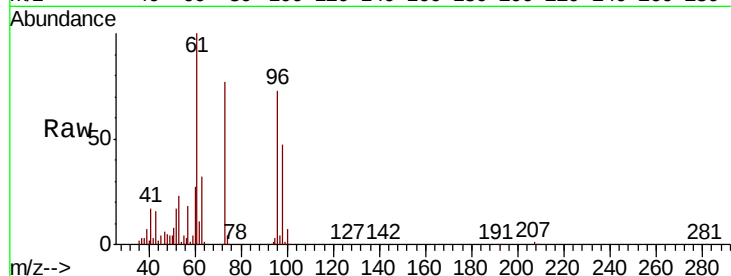
Tot Ion: 96 Resp: 56824

Ion Ratio Lower Upper

96 100

61 136.4 109.0 163.4

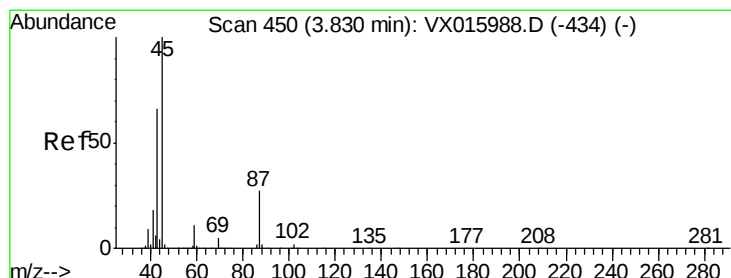
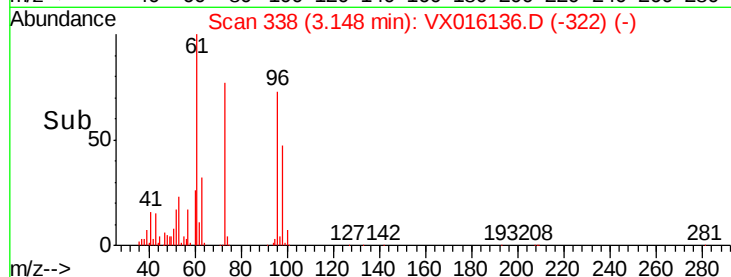
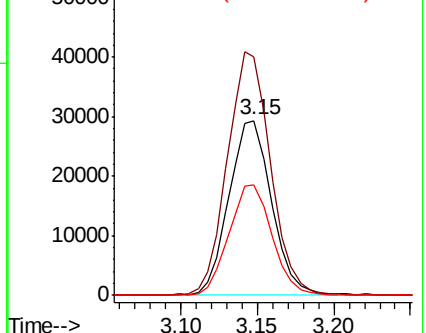
98 63.6 50.0 75.0



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.091 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Tgt Ion: 45 Resp: 183790

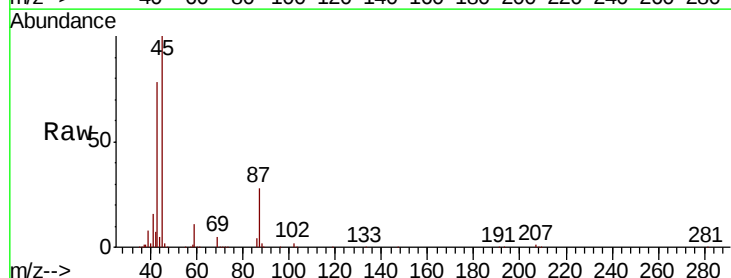
Ion Ratio Lower Upper

45 100

43 77.6 53.0 79.4

87 28.3 21.9 32.9

59 11.1 9.1 13.7

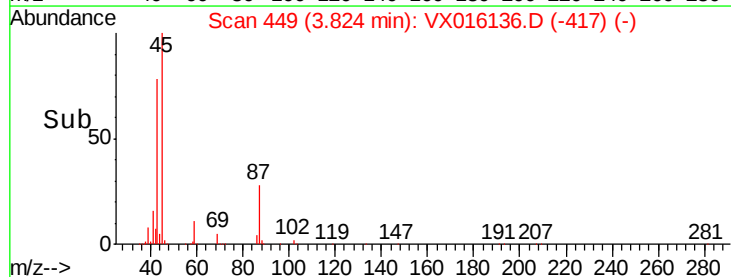
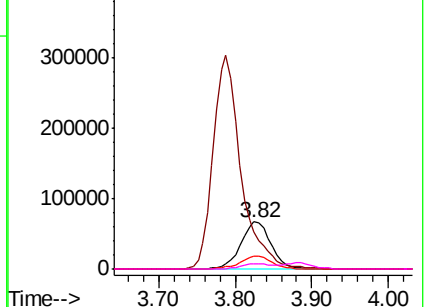


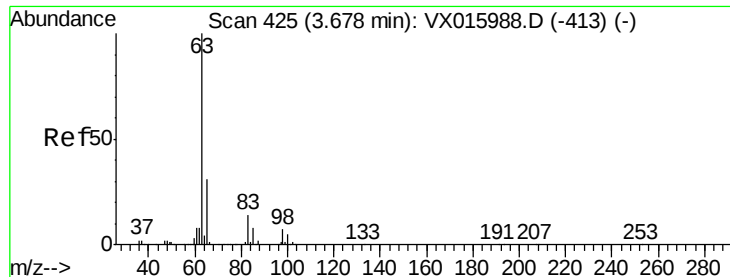
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 18.530 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX016136.D

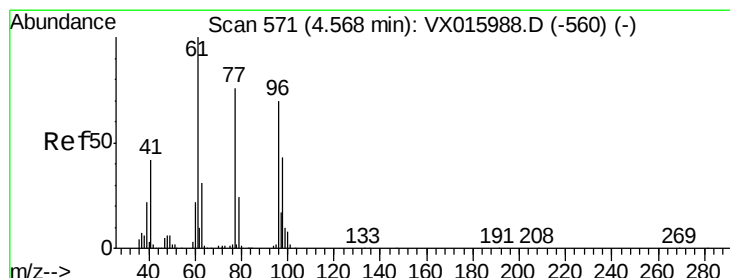
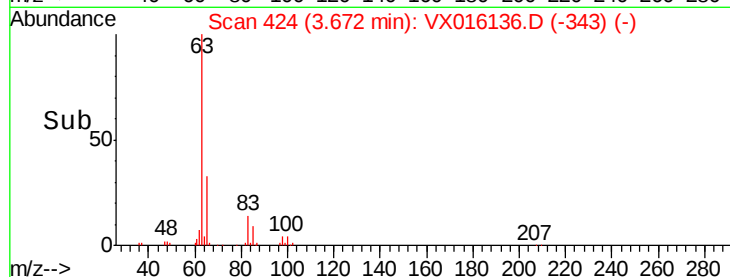
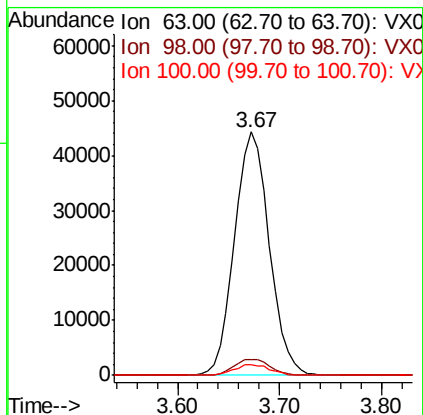
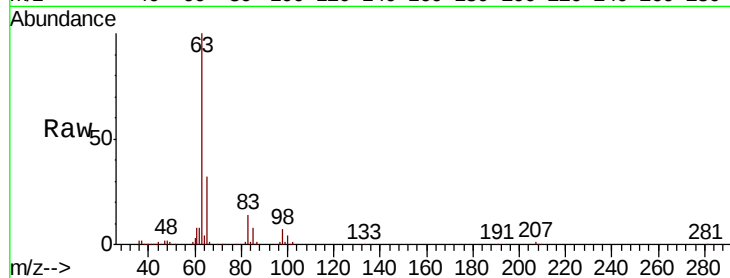
Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	104966
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.4
100	4.5	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 18.325 ug/l

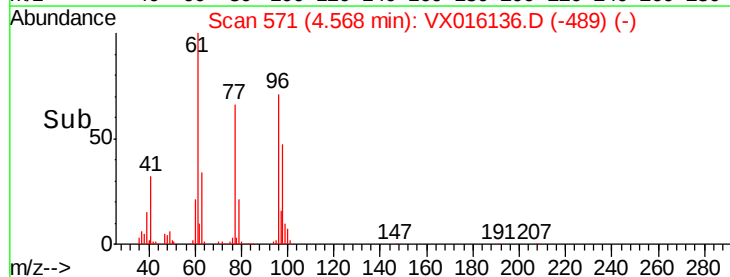
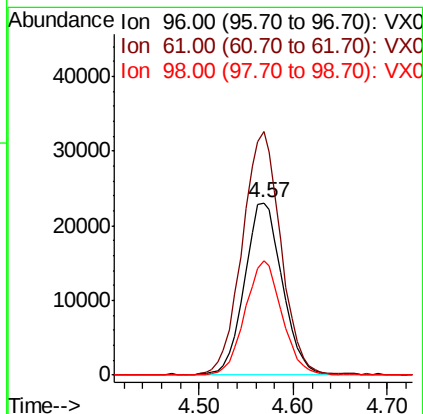
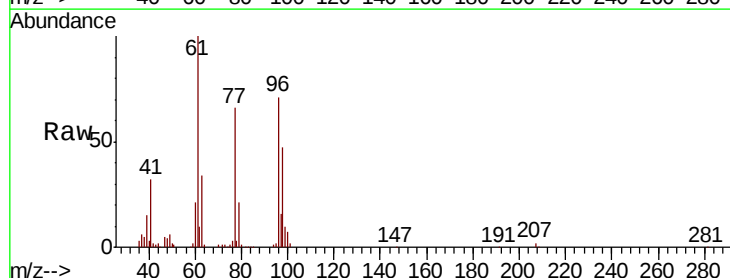
RT: 4.57 min Scan# 571

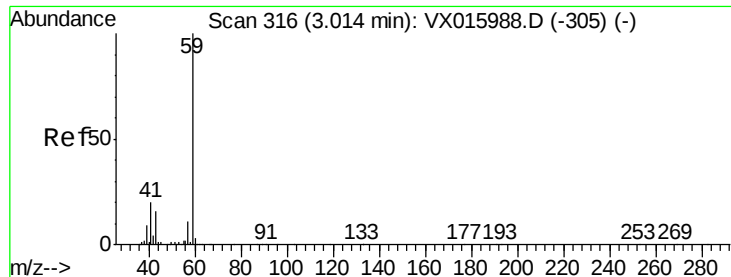
Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Tgt Ion:	96	Resp:	64603
Ion	Ratio	Lower	Upper
96	100		
61	145.0	121.6	182.4
98	65.1	51.9	77.9





#23

tert-Butyl Alcohol

Concen: 91.751 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

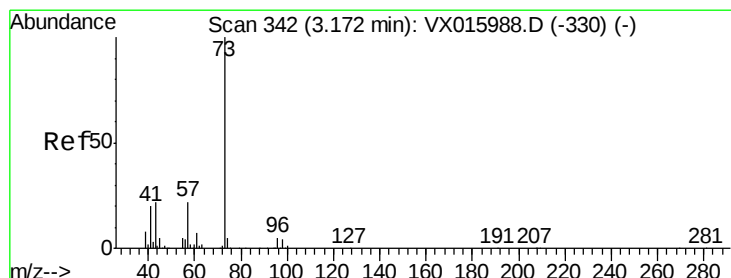
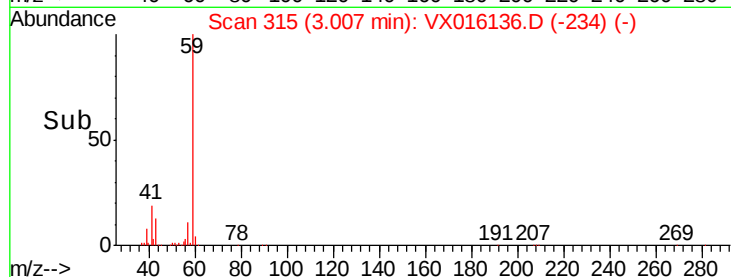
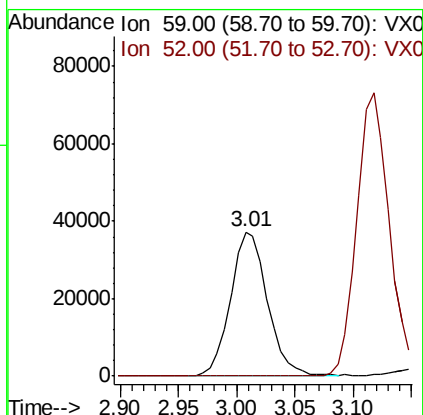
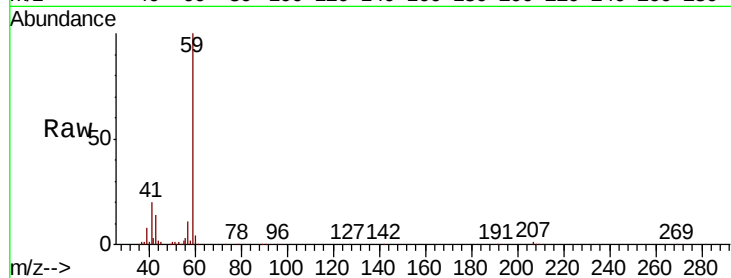
ClientSampleId :

Tot Ion: 59 Resp: 82270

Ion Ratio Lower Upper

59 100

52 0.3 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.294 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.00 min

Lab File: VX016136.D

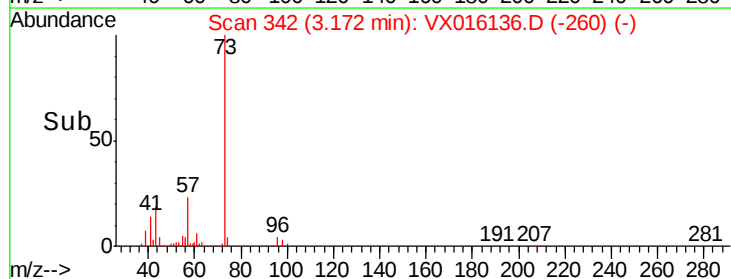
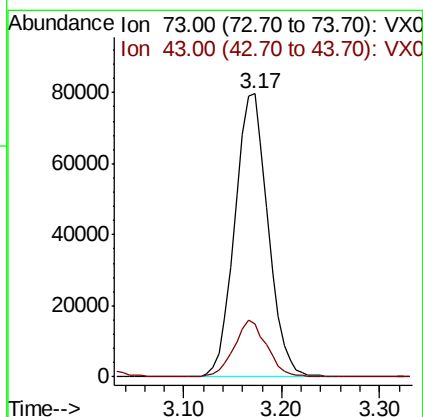
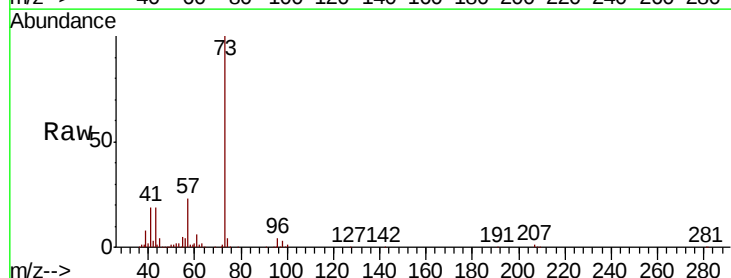
Acq: 08 May 2020 20:59

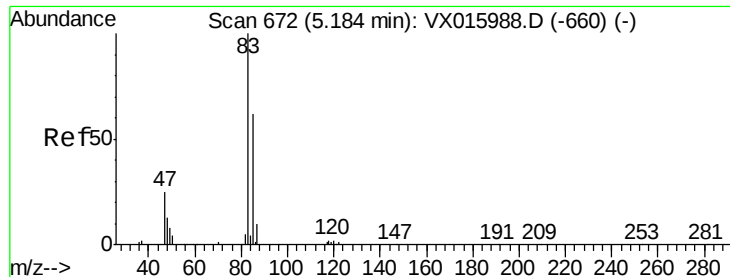
Tgt Ion: 73 Resp: 186596

Ion Ratio Lower Upper

73 100

43 19.3 17.8 26.6





#25

Chloroform

Concen: 18.173 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

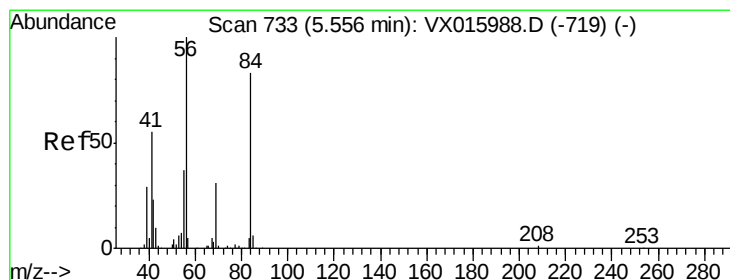
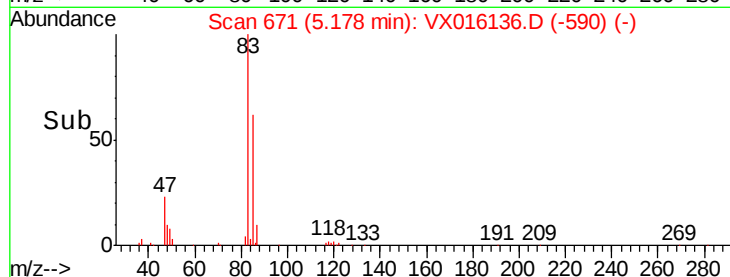
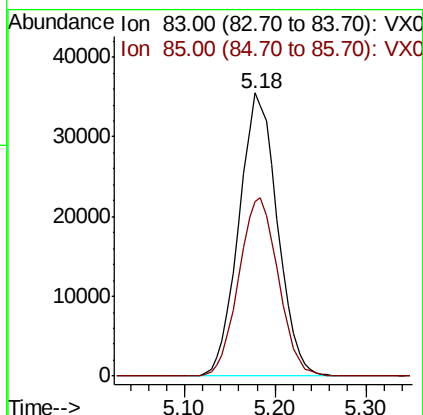
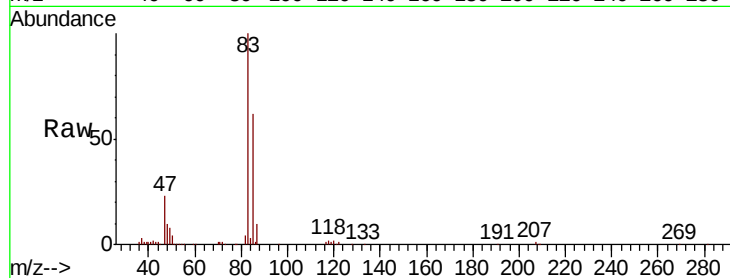
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 104551

Ion Ratio Lower Upper

83 100

85 61.6 49.6 74.4



#26

Cyclohexane

Concen: 18.320 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

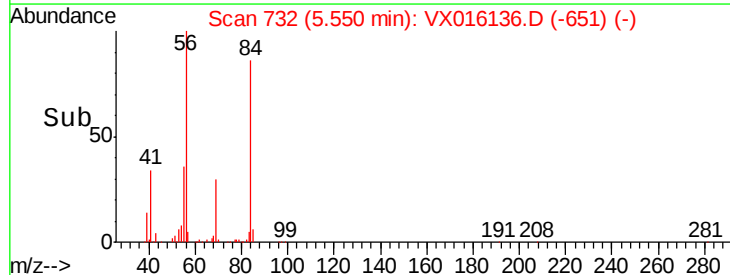
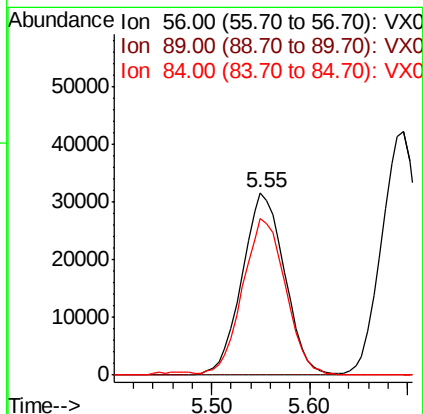
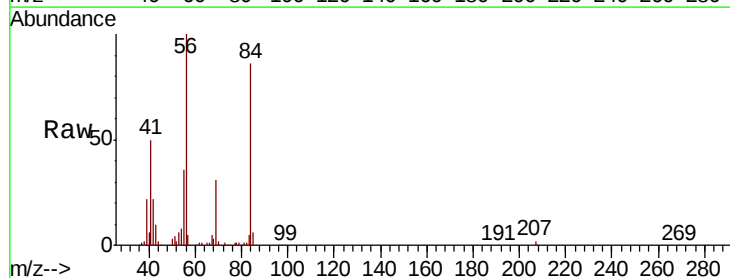
Tgt Ion: 56 Resp: 94898

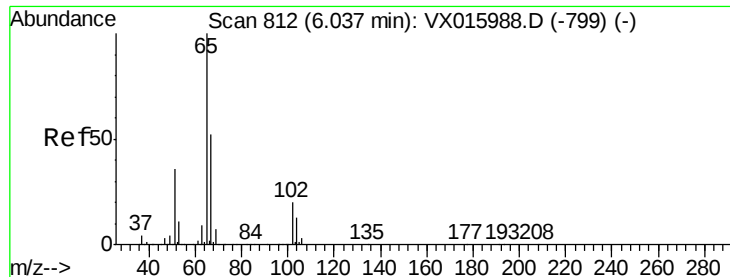
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 87.3 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 29.494 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

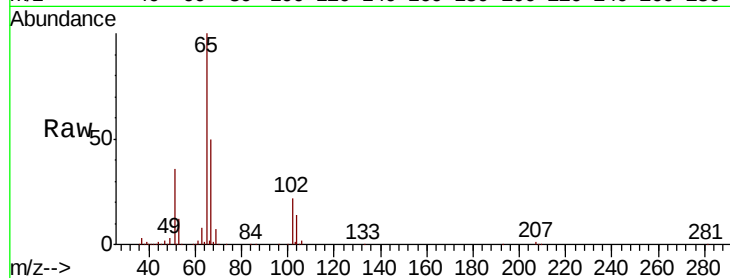
ClientSampleId :

Tot Ion: 65 Resp: 112513

Ion Ratio Lower Upper

65 100

67 52.3 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.04

40000

30000

20000

10000

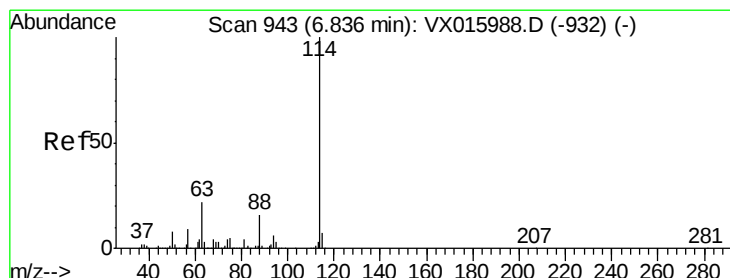
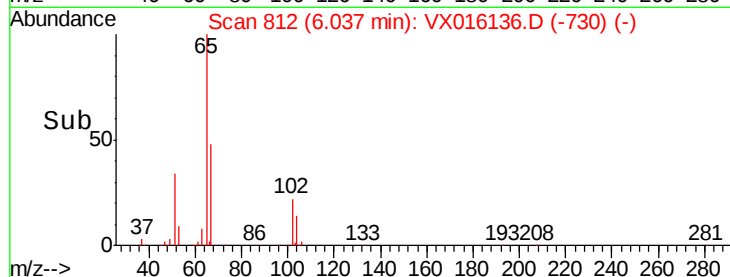
0

5.90

6.00

6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

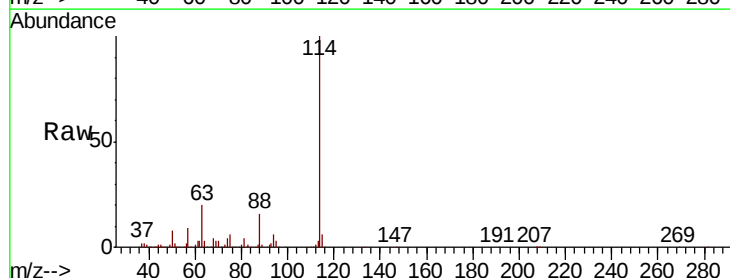
Tgt Ion: 114 Resp: 283622

Ion Ratio Lower Upper

114 100

63 21.0 17.1 25.7

88 16.1 13.0 19.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

150000

100000

50000

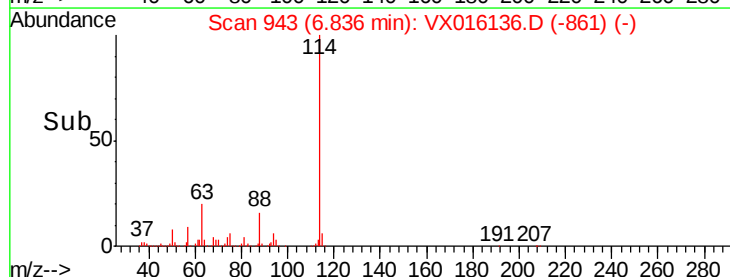
0

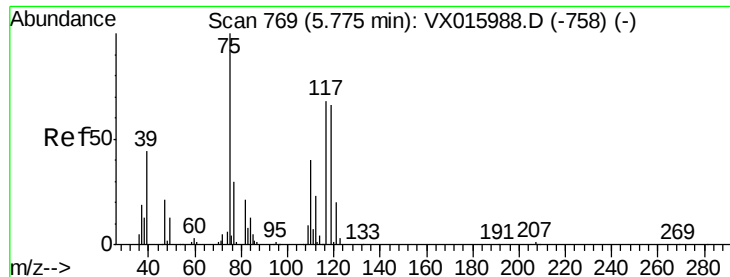
6.70

6.80

6.90

Time-->





#29

1,1-Dichloropropene

Concen: 18.014 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

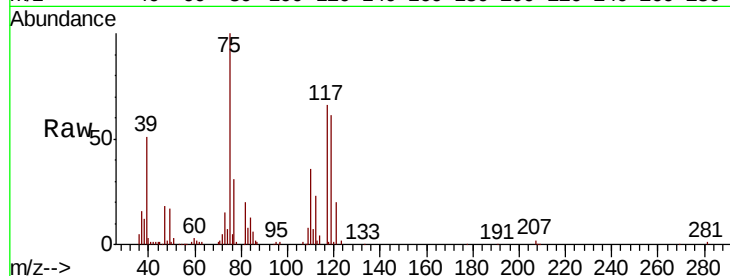
Tot Ion: 75 Resp: 80357

Ion Ratio Lower Upper

75 100

110 34.9 0.0 71.0

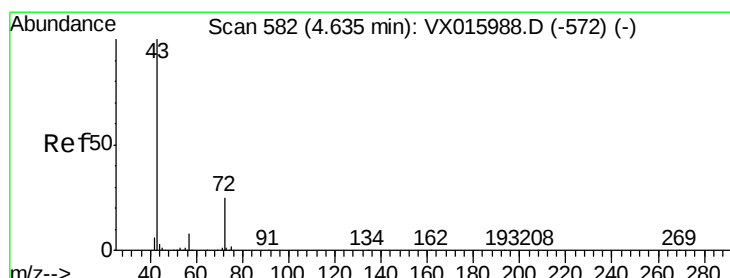
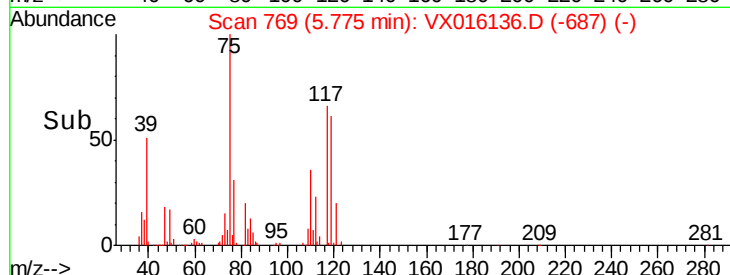
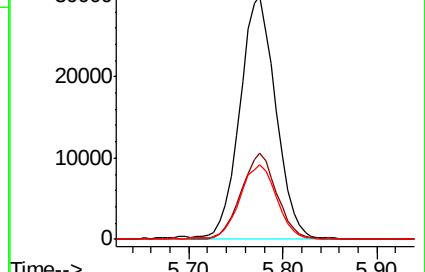
77 31.2 0.0 64.2



Abundance Ion 75.00 (74.70 to 75.70): VX015988.D (-758) (-)

Ion 110.00 (109.70 to 110.70): VX015988.D (-758) (-)

Ion 77.00 (76.70 to 77.70): VX015988.D (-758) (-)



#30

2-Butanone

Concen: 92.925 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

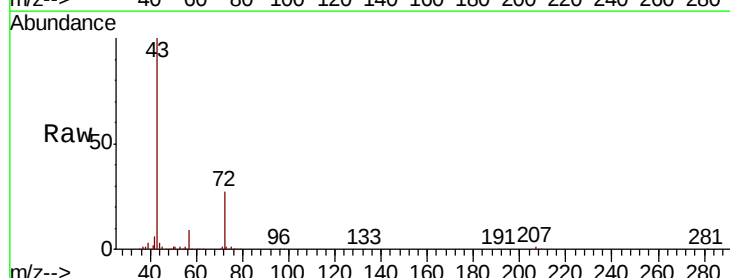
Tgt Ion: 43 Resp: 246992

Ion Ratio Lower Upper

43 100

57 8.5 6.3 9.5

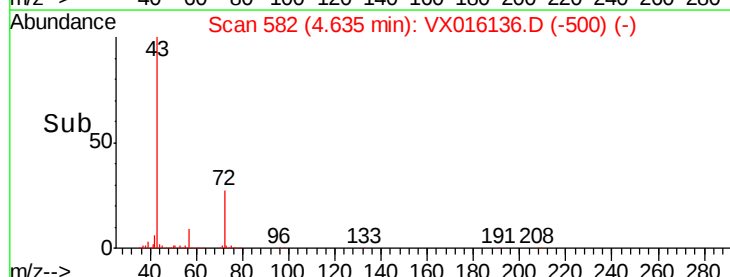
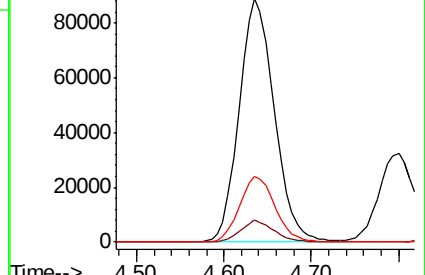
72 27.3 20.8 31.2

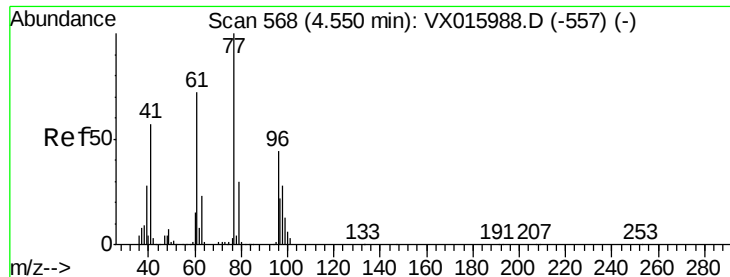


Abundance Ion 43.00 (42.70 to 43.70): VX015988.D (-572) (-)

Ion 57.00 (56.70 to 57.70): VX015988.D (-572) (-)

Ion 72.00 (71.70 to 72.70): VX015988.D (-572) (-)





#31

2,2-Dichloropropane

Concen: 15.461 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

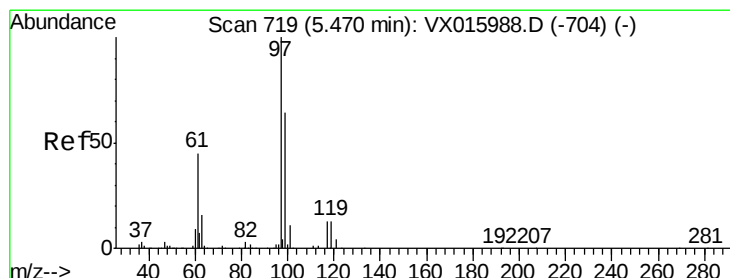
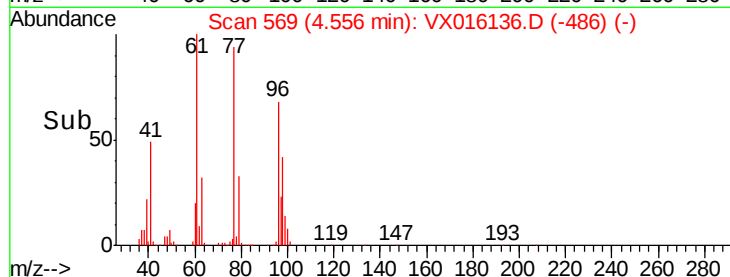
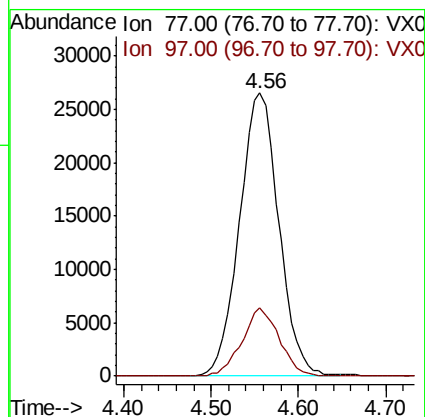
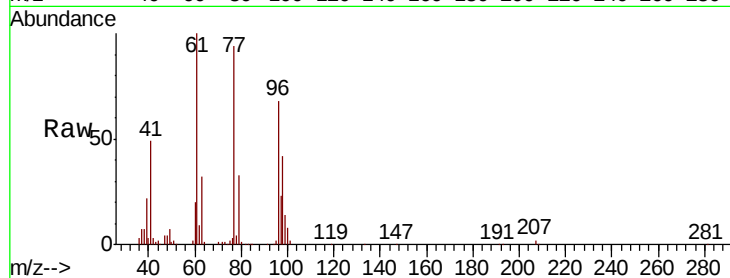
ClientSampleId :

Tot Ion: 77 Resp: 83000

Ion Ratio Lower Upper

77 100

97 22.7 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 17.338 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

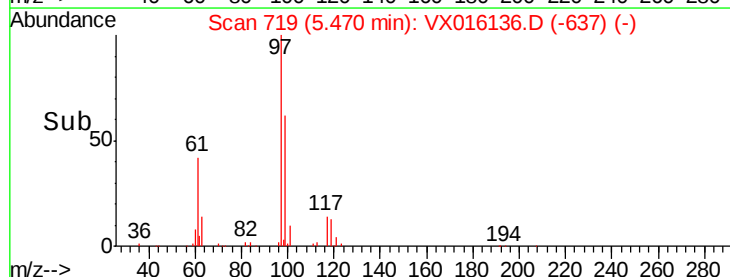
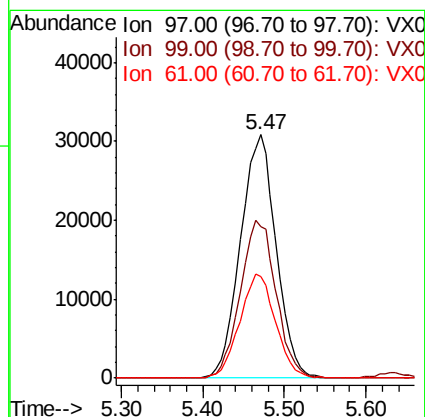
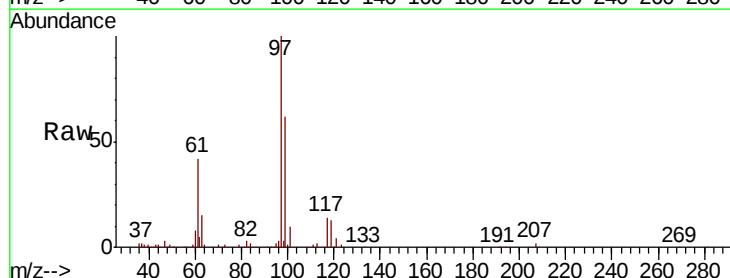
Tgt Ion: 97 Resp: 93820

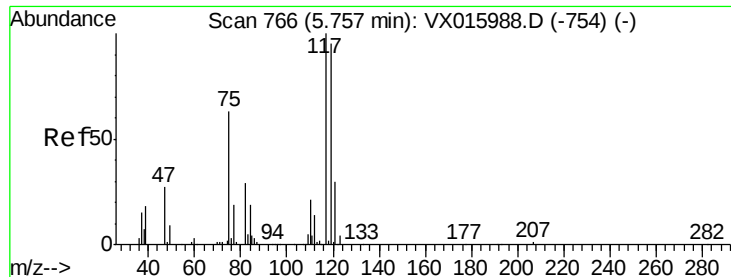
Ion Ratio Lower Upper

97 100

99 64.8 50.7 76.1

61 43.0 35.9 53.9





#33

Carbon Tetrachloride

Concen: 17.107 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

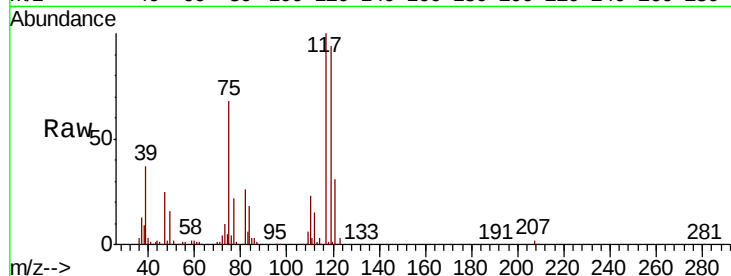
Tot Ion:117 Resp: 82422

Ion Ratio Lower Upper

117 100

119 94.2 76.3 114.5

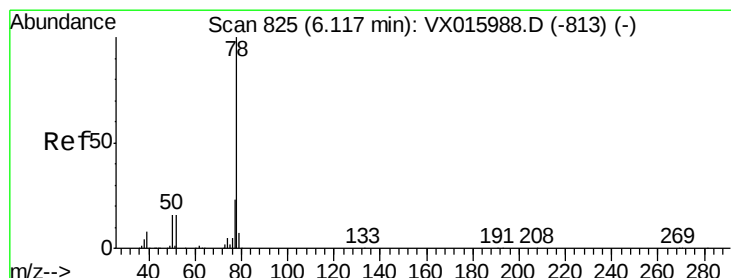
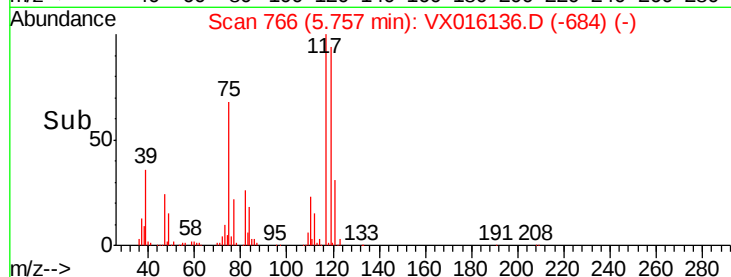
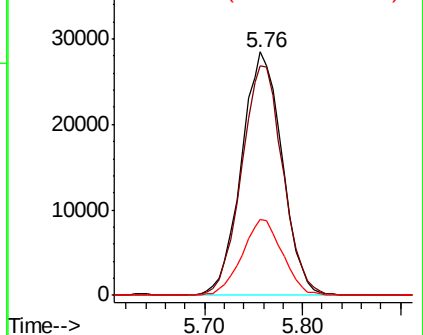
121 31.3 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.358 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

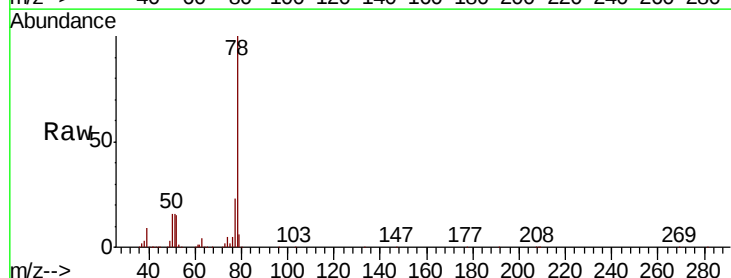
Tgt Ion: 78 Resp: 239183

Ion Ratio Lower Upper

78 100

77 23.5 18.7 28.1

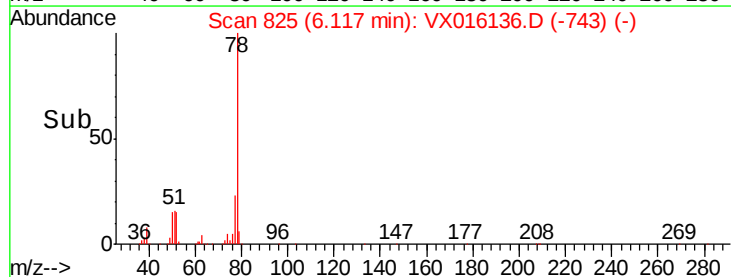
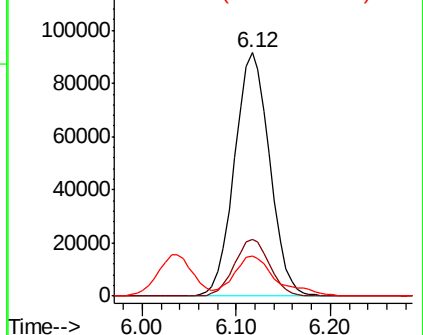
51 16.2 12.7 19.1

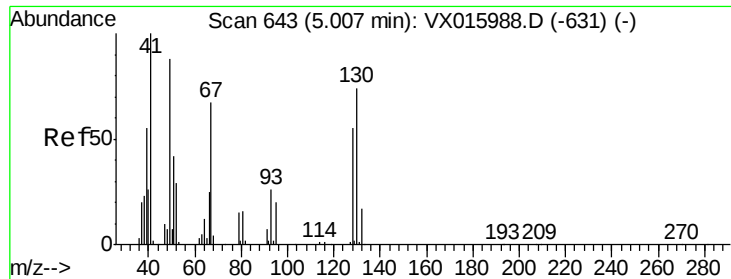


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

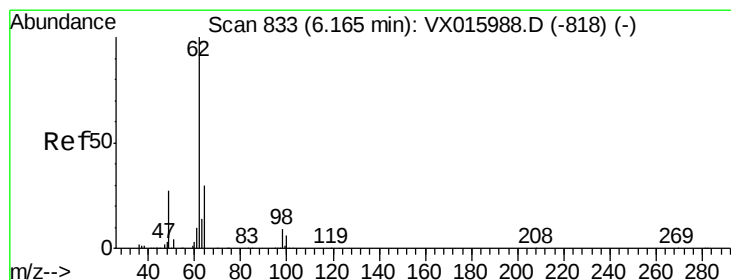
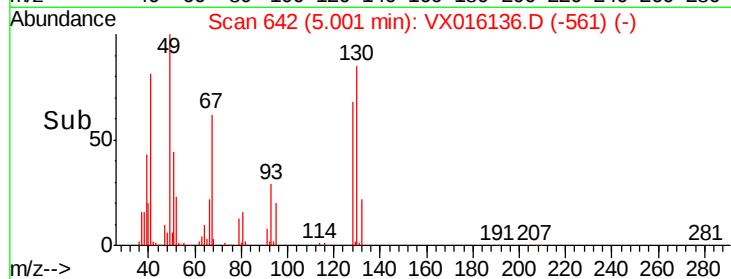
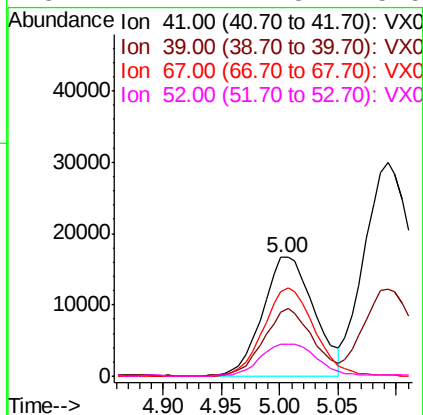
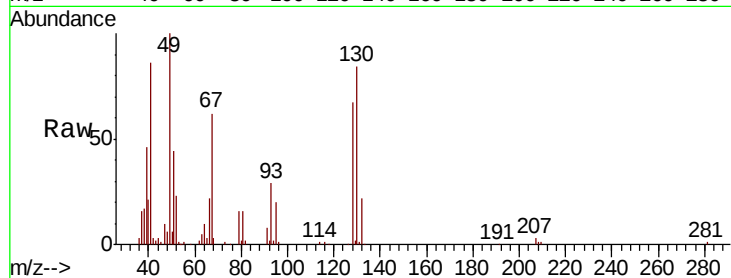




#35
Methacrylonitrile
Concen: 18.085 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

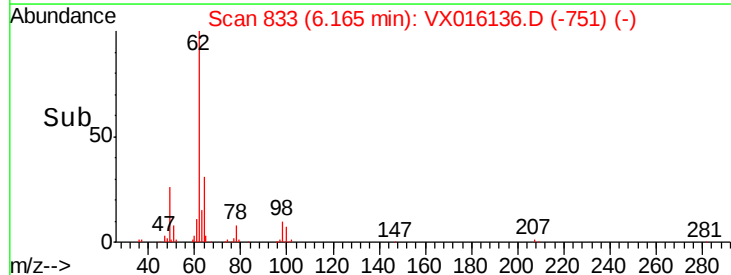
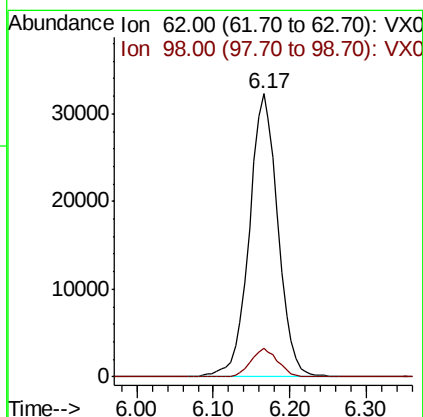
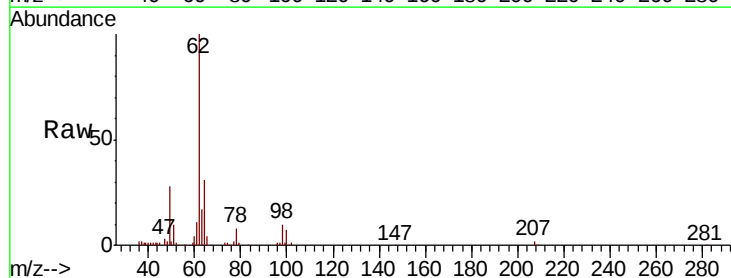
Instrument :
MSVOA_X
ClientSampleId :

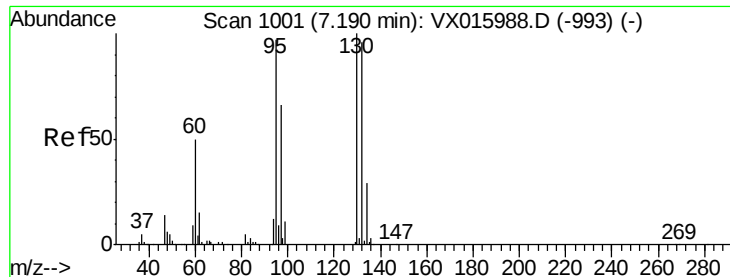
Tot Ion:	41	Resp:	51048
Ion	Ratio	Lower	Upper
41	100		
39	53.7	27.5	82.4
67	71.8	33.6	100.6
52	27.1	14.5	43.5



#36
1,2-Dichloroethane
Concen: 16.968 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion:	62	Resp:	84427
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.4	11.2

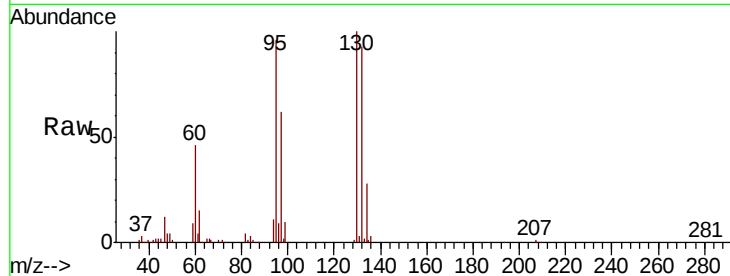




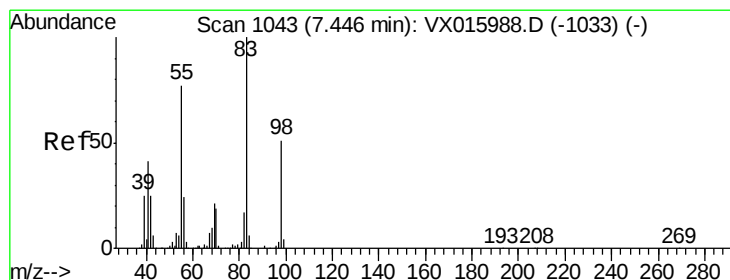
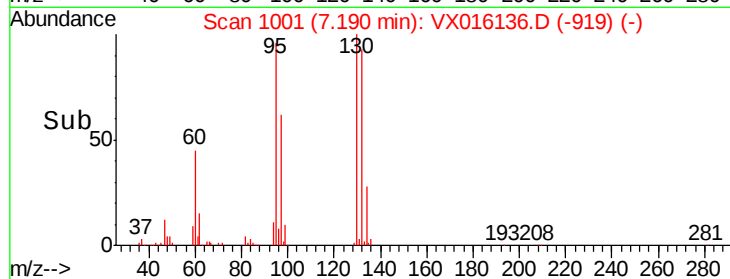
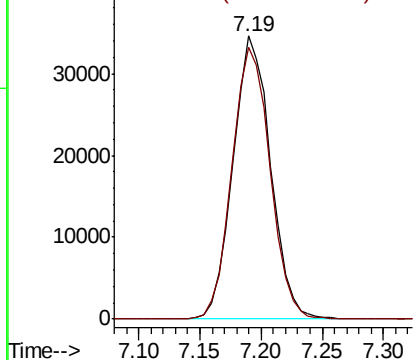
#37
 Trichloroethene
 Concen: 15.917 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 73773
 Ion Ratio Lower Upper
 130 100
 95 95.7 77.8 116.8

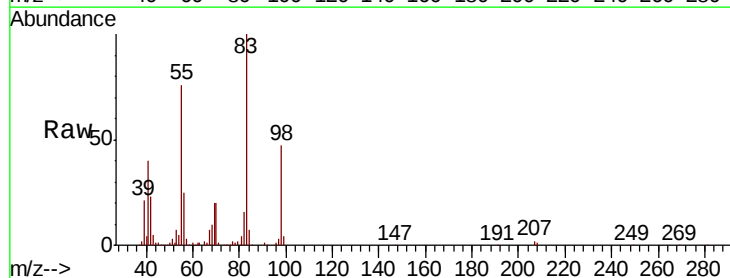


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

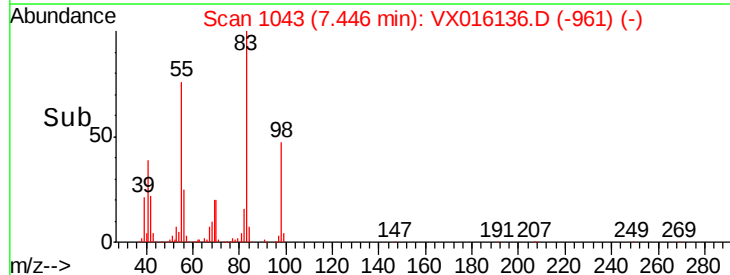
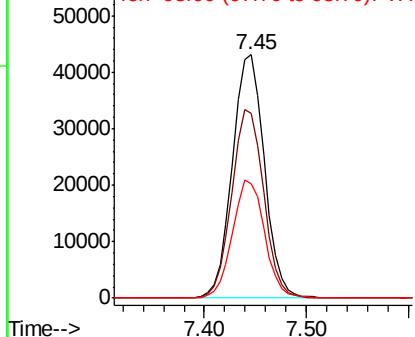


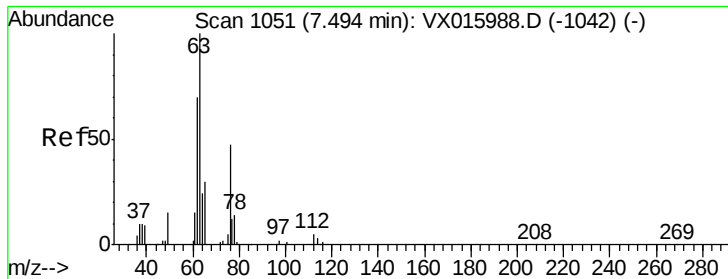
#38
 Methylcyclohexane
 Concen: 17.243 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Tgt Ion: 83 Resp: 93995
 Ion Ratio Lower Upper
 83 100
 55 77.3 38.8 116.4
 98 48.5 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

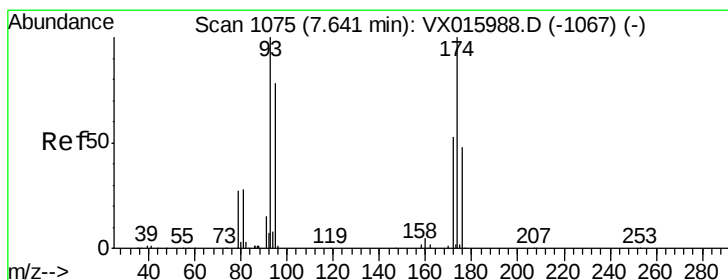
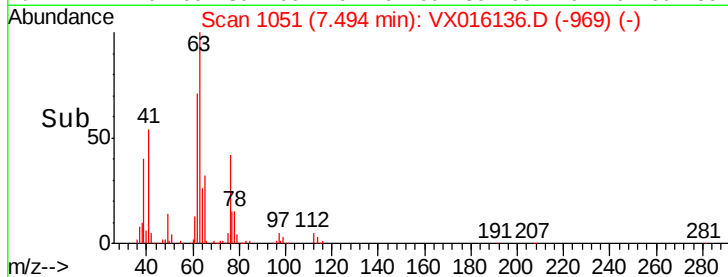
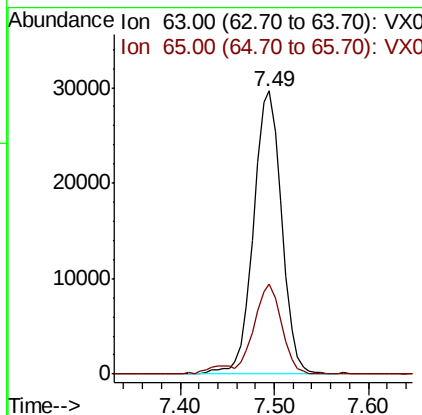
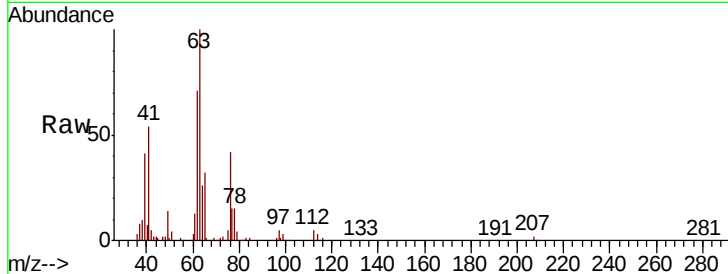




#39
 1,2-Dichloropropane
 Concen: 18.566 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

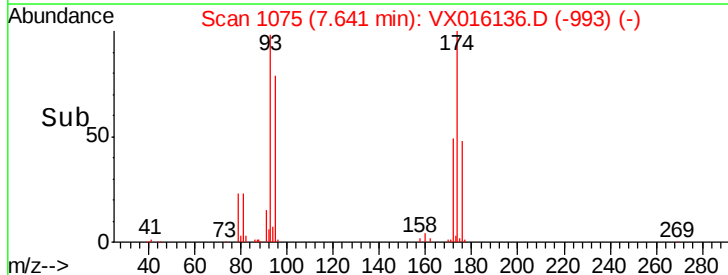
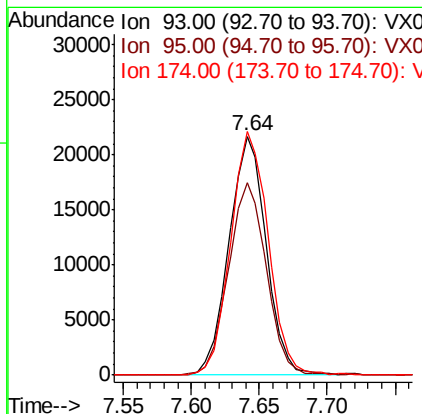
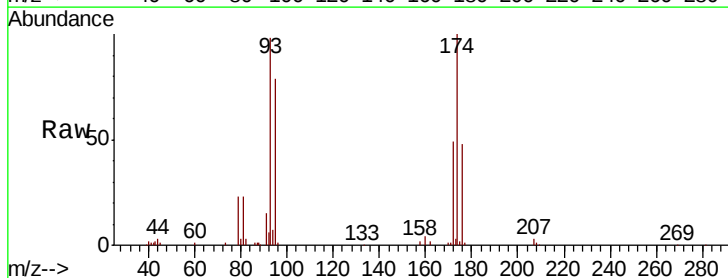
Instrument :
 MSVOA_X
 ClientSampleId :

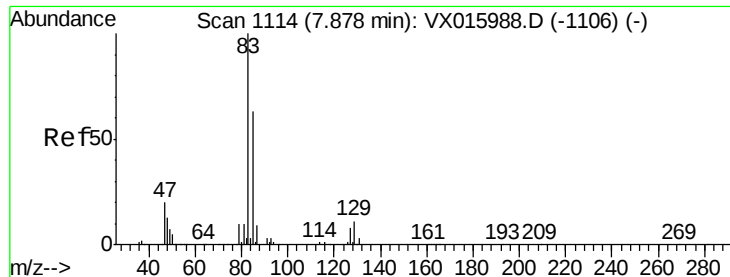
Tot Ion: 63 Resp: 62096
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.9 38.9



#40
 Dibromomethane
 Concen: 17.746 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Tgt Ion: 93 Resp: 41214
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 162.8
 174 103.3 0.0 204.0





#41

Bromodichloromethane

Concen: 17.507 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

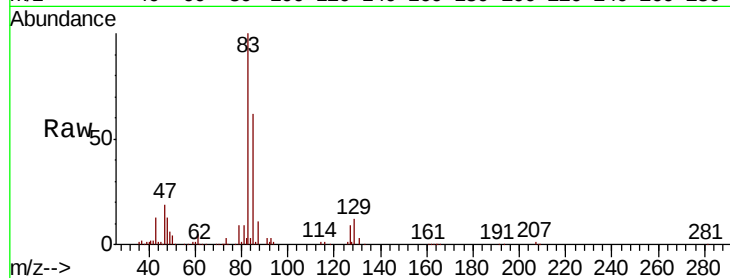
Tot Ion: 83 Resp: 83819

Ion Ratio Lower Upper

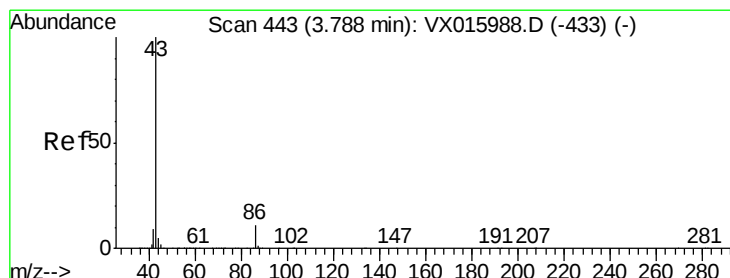
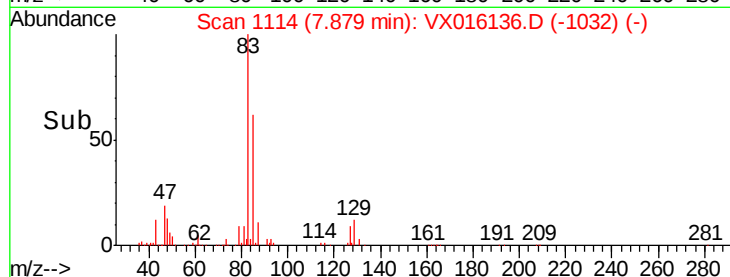
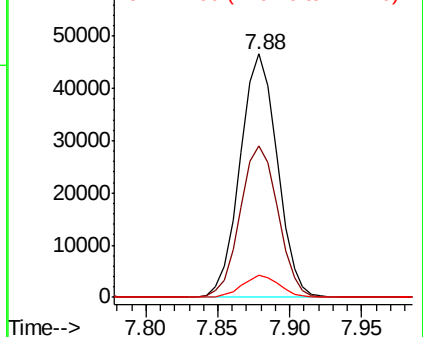
83 100

85 62.4 50.4 75.6

127 8.9 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 87.402 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016136.D

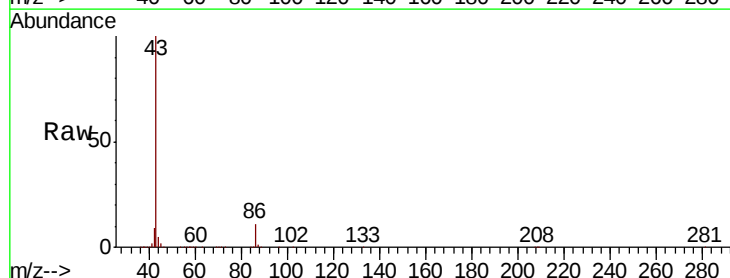
Acq: 08 May 2020 20:59

Tgt Ion: 43 Resp: 768571

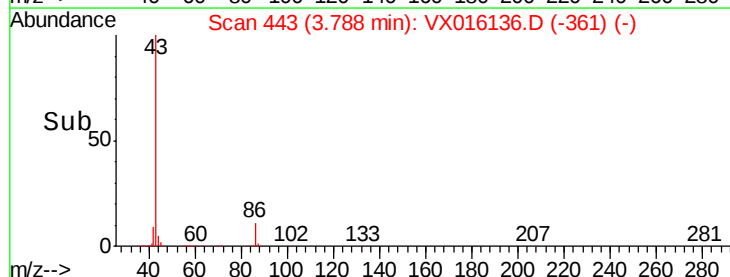
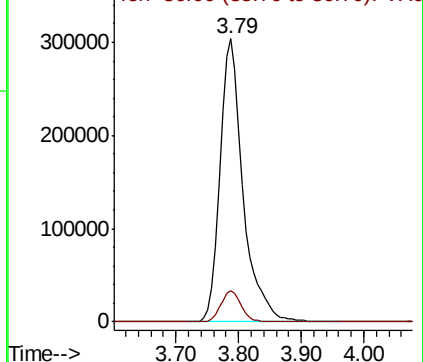
Ion Ratio Lower Upper

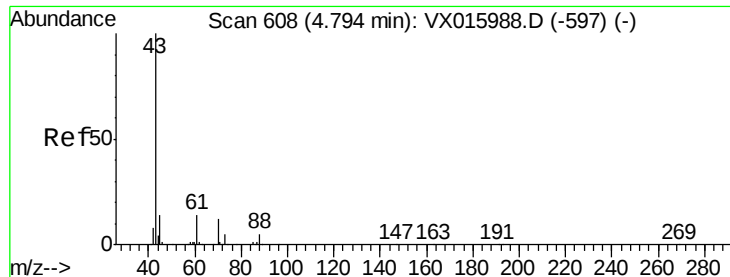
43 100

86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

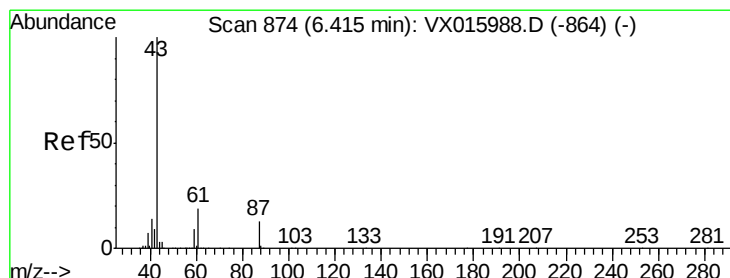
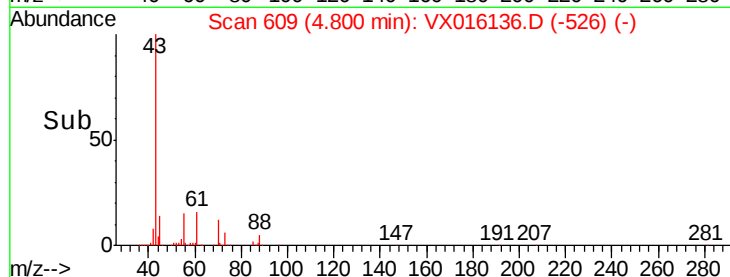
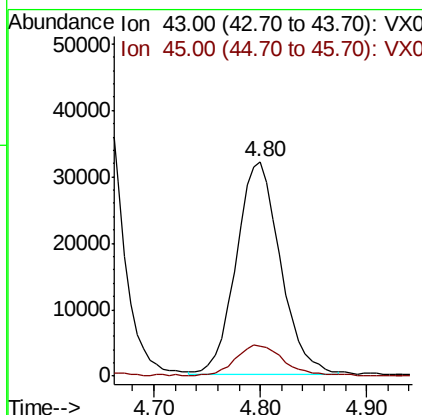
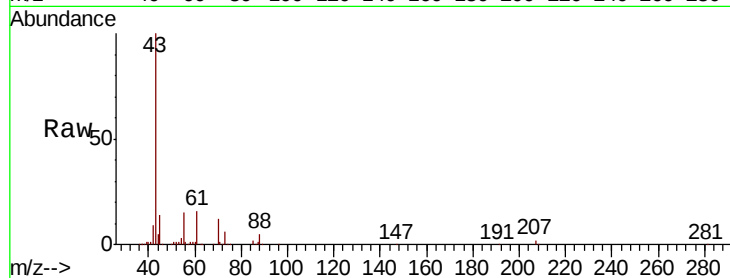




#43
Ethyl Acetate
Concen: 17.959 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

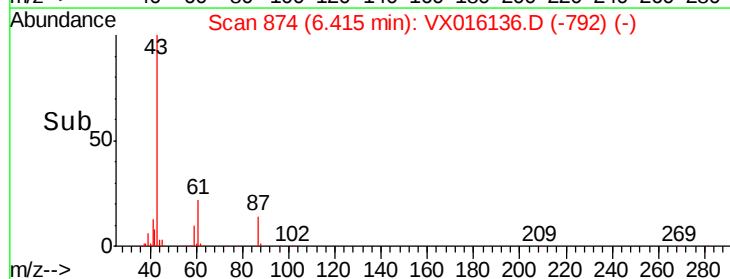
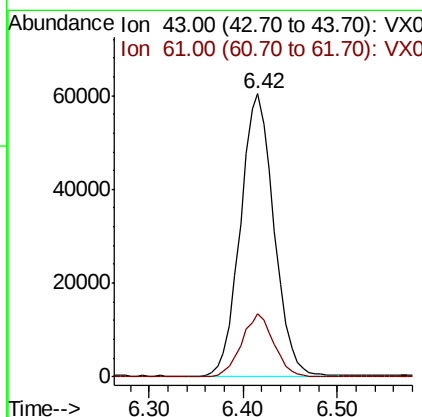
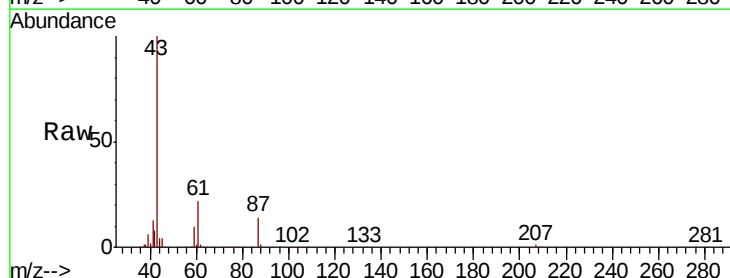
Instrument :
MSVOA_X
ClientSampleId :

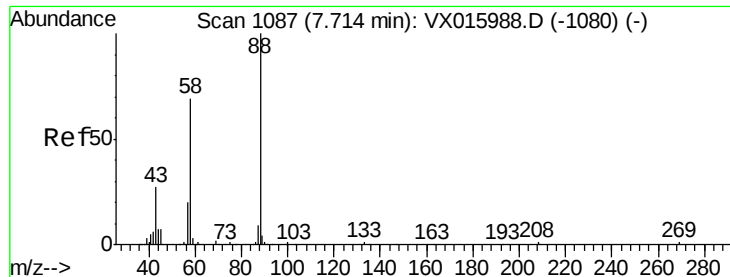
Tot Ion: 43 Resp: 94158
Ion Ratio Lower Upper
43 100
45 14.7 11.9 17.9



#44
Isopropyl Acetate
Concen: 17.589 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion: 43 Resp: 149656
Ion Ratio Lower Upper
43 100
61 21.5 16.1 24.1





#45

1,4-Dioxane

Concen: 358.529 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

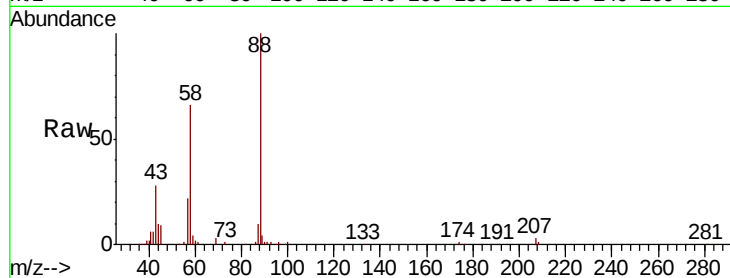
Tot Ion: 88 Resp: 32222

Ion Ratio Lower Upper

88 100

43 30.6 26.3 39.5

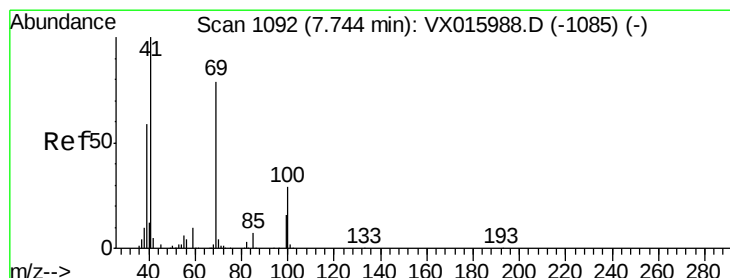
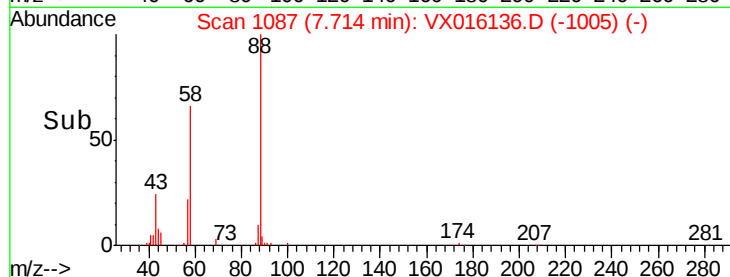
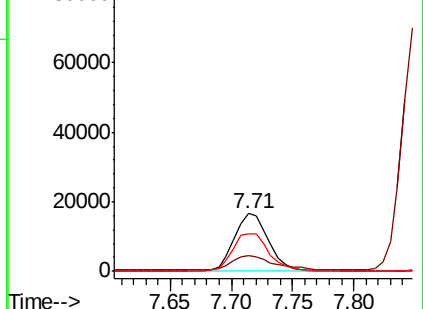
58 70.8 57.0 85.6



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



#46

Methyl methacrylate

Concen: 17.484 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

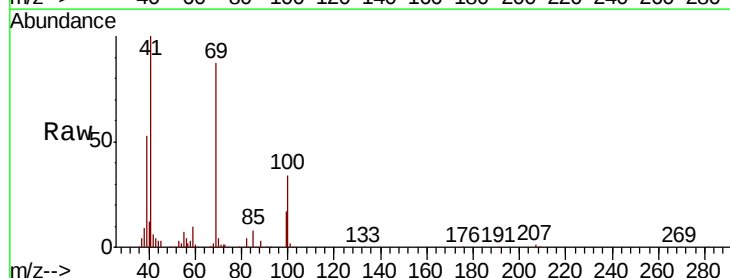
Tgt Ion: 41 Resp: 70522

Ion Ratio Lower Upper

41 100

69 87.6 39.5 118.5

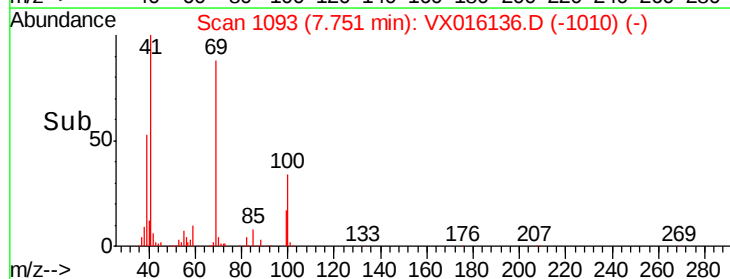
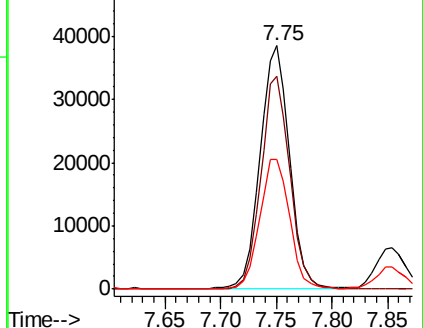
39 53.1 29.6 88.9

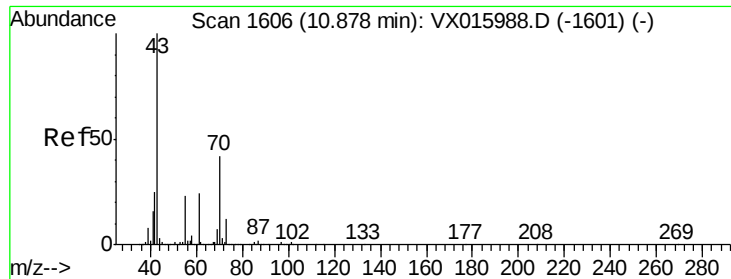


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

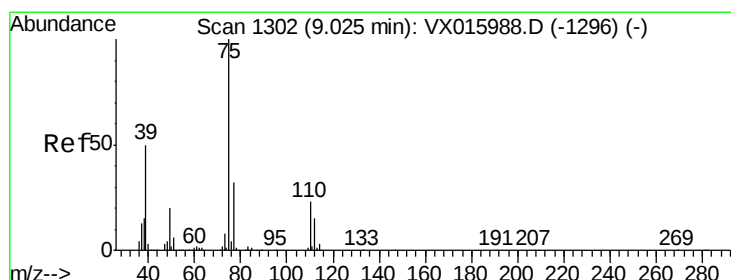
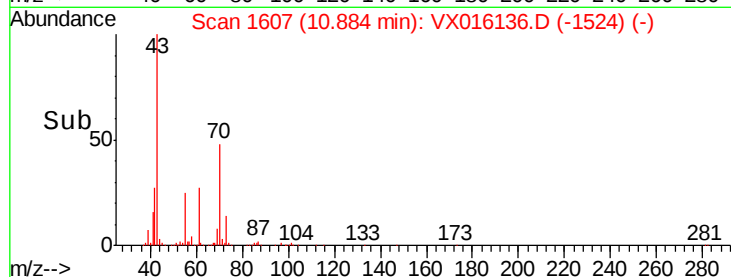
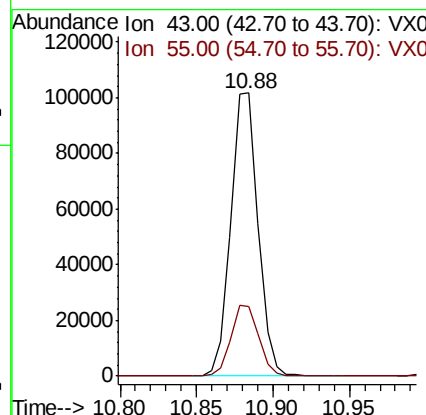
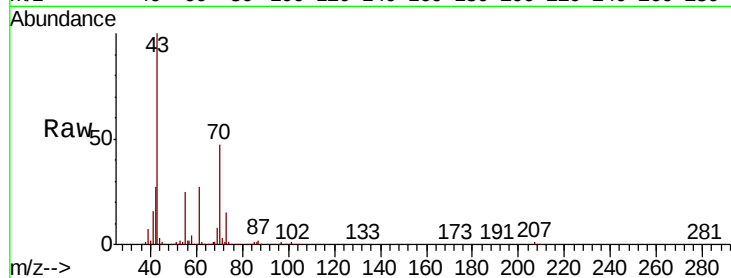




#47
 n-amvl Acetate
 Concen: 16.845 ug/l
 RT: 10.88 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

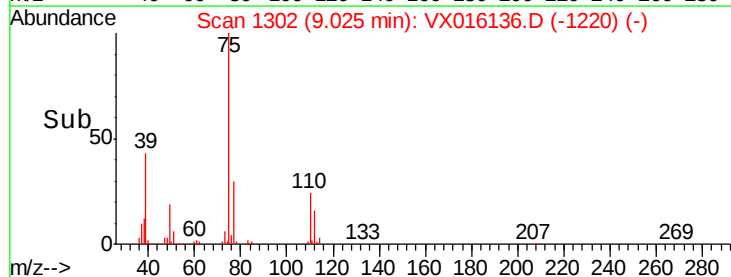
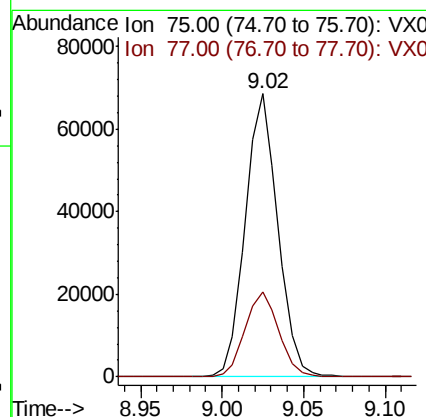
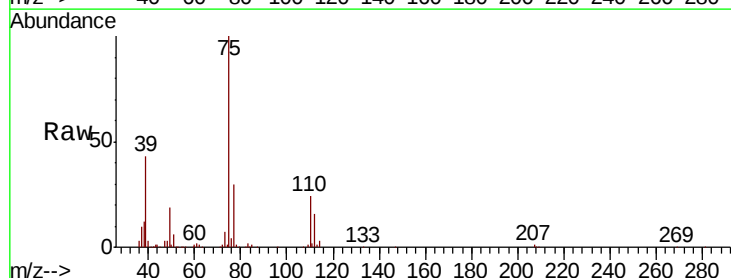
Instrument :
 MSVOA_X
 ClientSampleId :

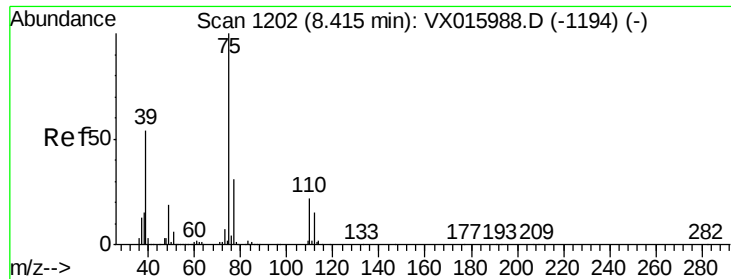
Tot Ion: 43 Resp: 125322
 Ion Ratio Lower Upper
 43 100
 55 25.6 19.0 28.4



#48
 t-1,3-Dichloropropene
 Concen: 17.199 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Tgt Ion: 75 Resp: 95618
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.8 38.8



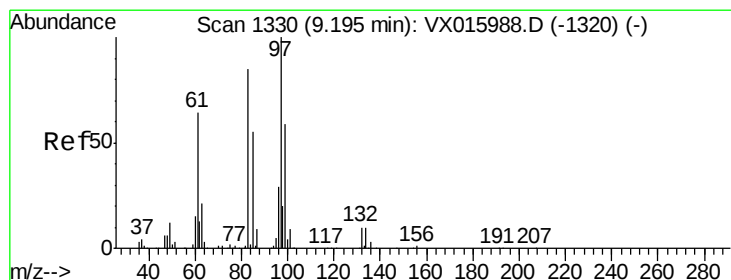
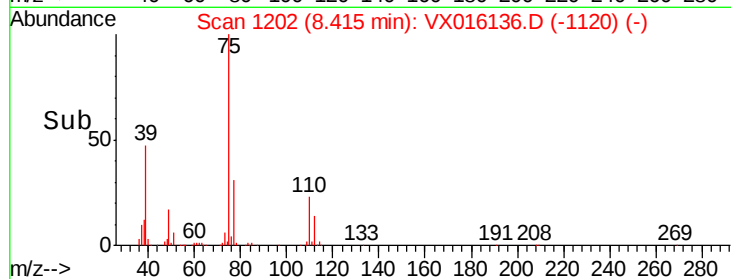
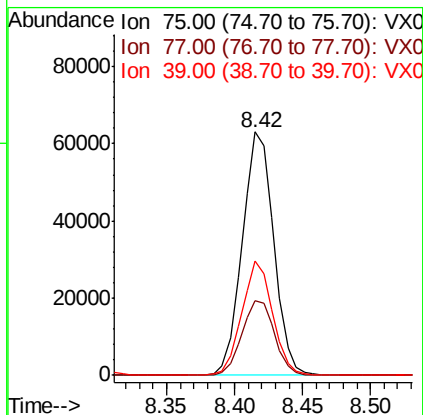
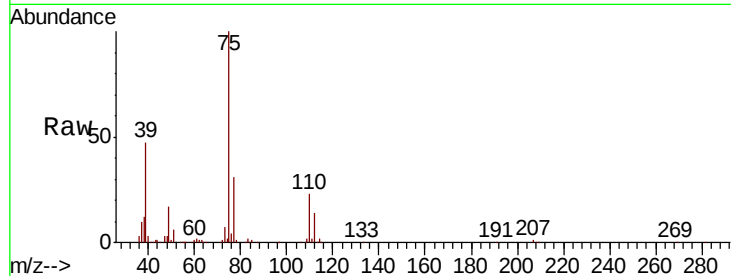


#49

cis-1,3-Dichloropropene
 Concen: 17.808 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :

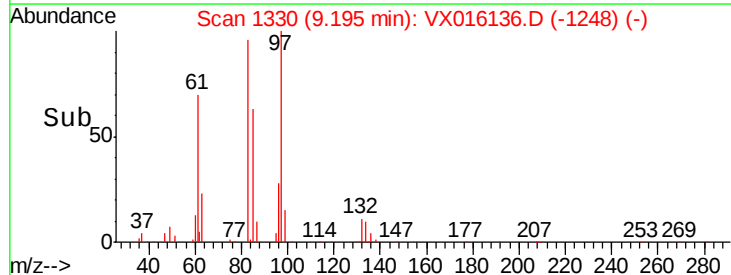
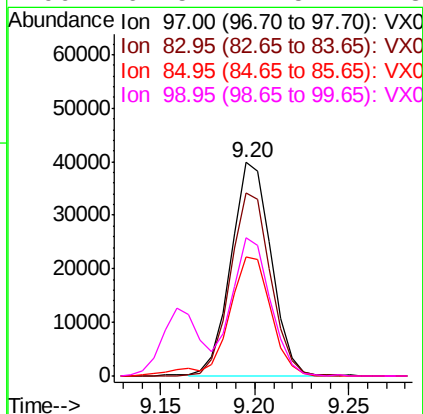
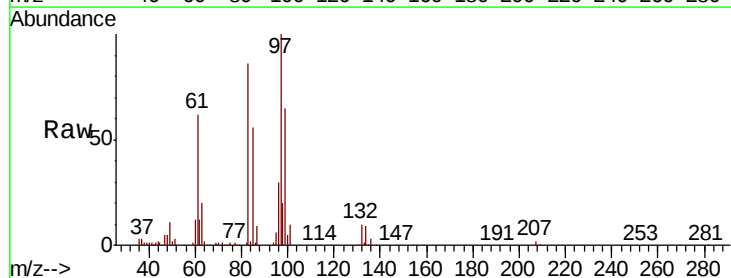
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.6
39	46.9	43.2	64.8

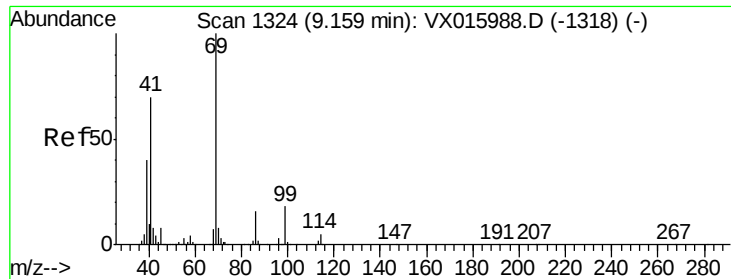


#50

1,1,2-Trichloroethane
 Concen: 18.030 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.7	101.5
85	55.6	43.7	65.5
99	64.5	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.524 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :

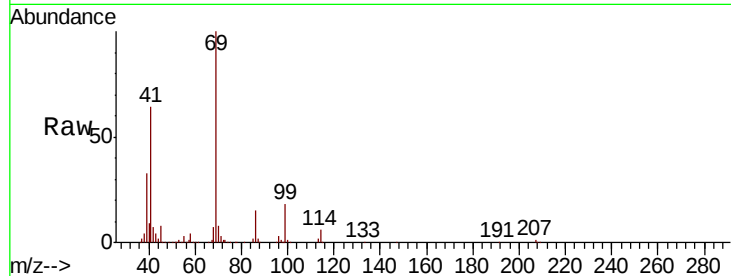
Tot Ion: 69 Resp: 94703

Ion Ratio Lower Upper

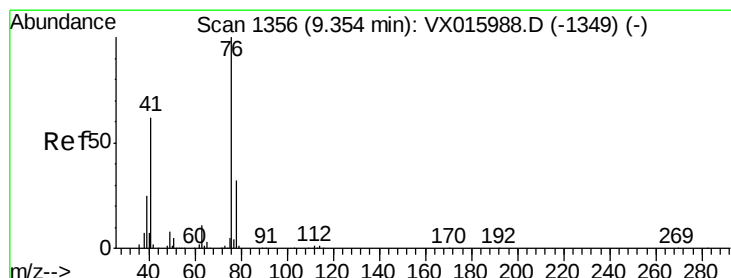
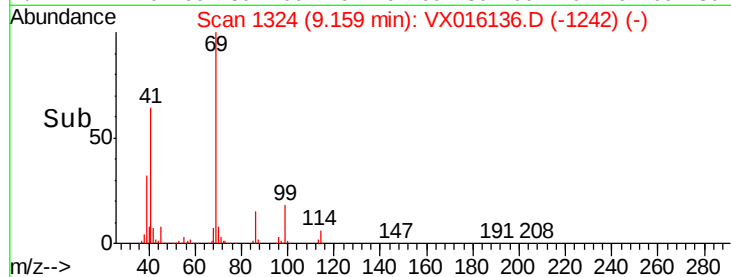
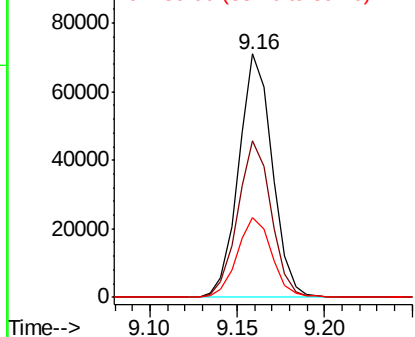
69 100

41 64.3 34.8 104.4

39 32.7 19.8 59.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.231 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016136.D

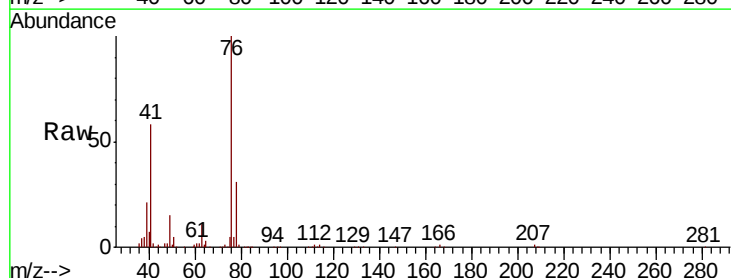
Acq: 08 May 2020 20:59

Tgt Ion: 76 Resp: 103141

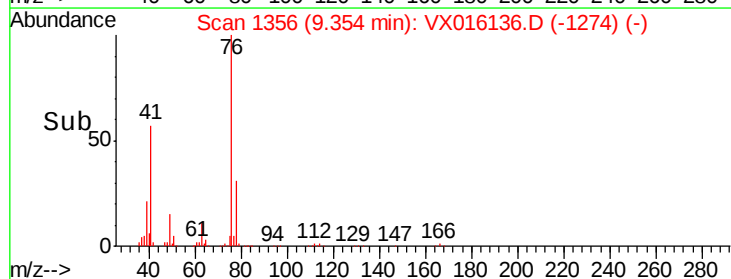
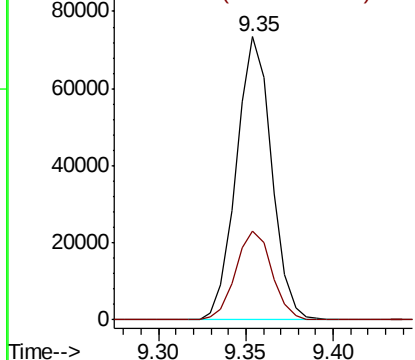
Ion Ratio Lower Upper

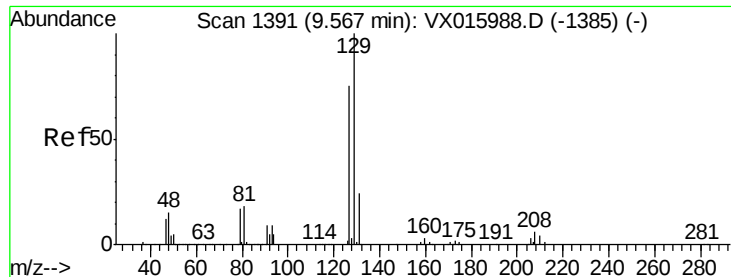
76 100

78 32.4 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.229 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

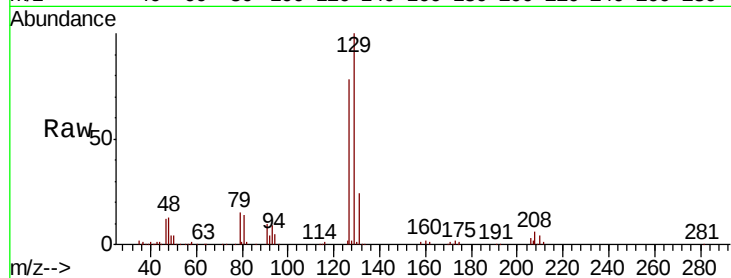
ClientSampleId :

Tot Ion:129 Resp: 64148

Ion Ratio Lower Upper

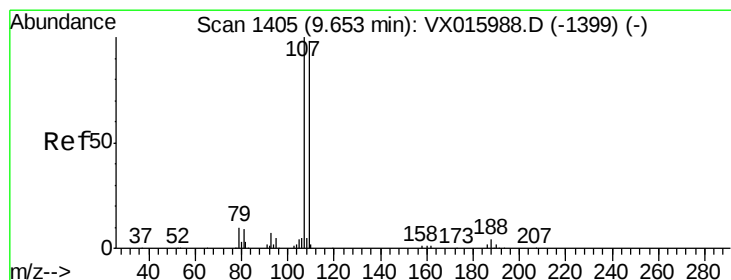
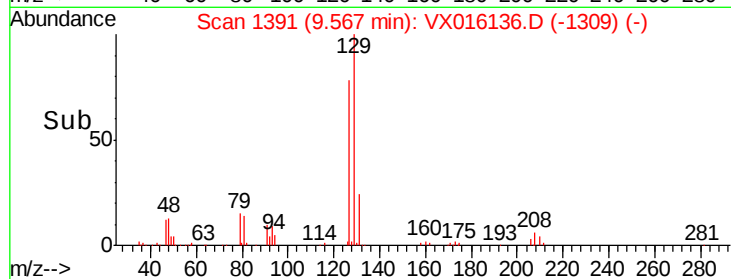
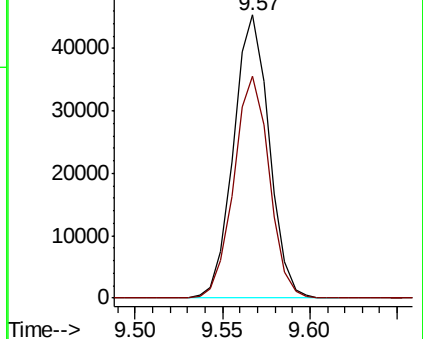
129 100

127 78.1 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.619 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016136.D

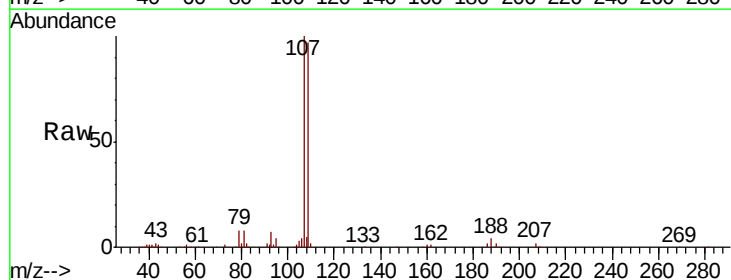
Acq: 08 May 2020 20:59

Tgt Ion:107 Resp: 63371

Ion Ratio Lower Upper

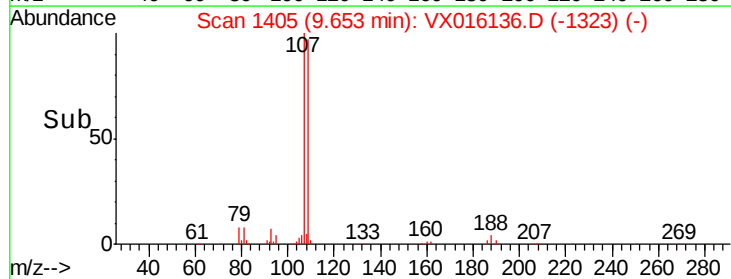
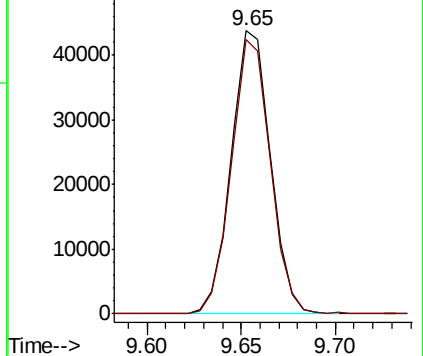
107 100

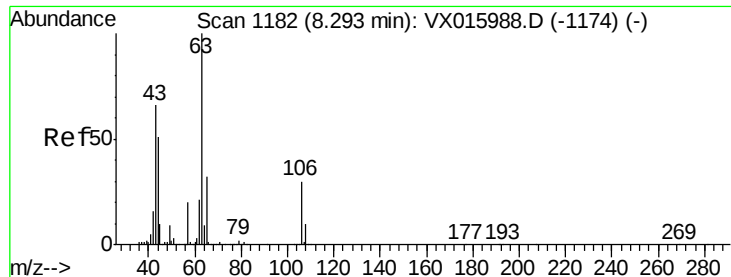
109 95.6 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 94.230 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampled :

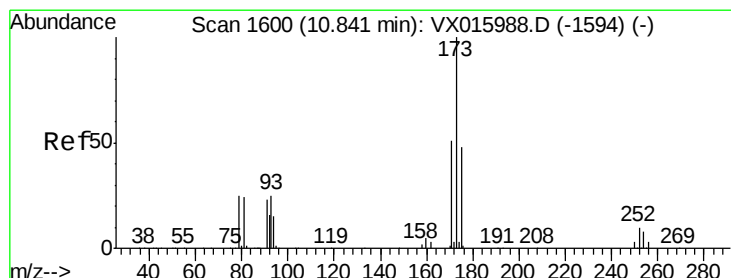
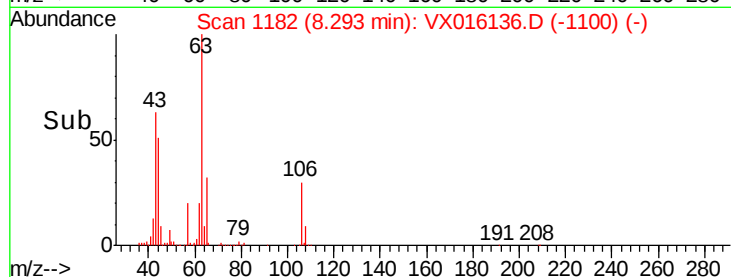
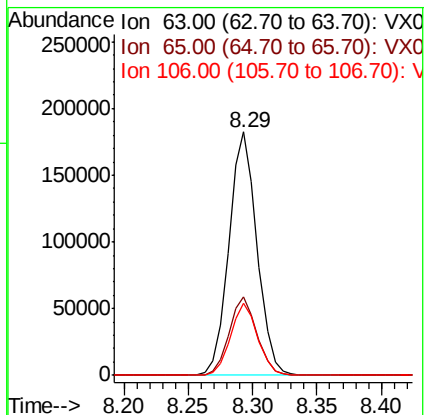
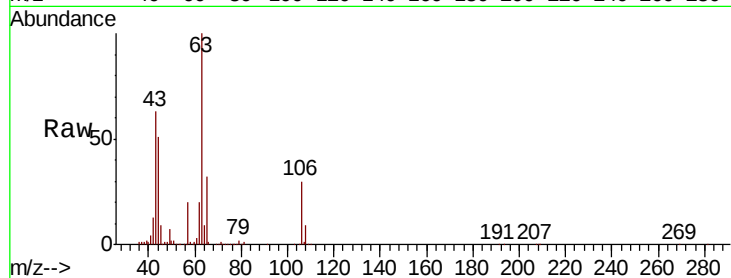
Tot Ion: 63 Resp: 277042

Ion Ratio Lower Upper

63 100

65 31.9 25.6 38.4

106 28.6 23.4 35.0



#56

Bromoform

Concen: 17.181 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

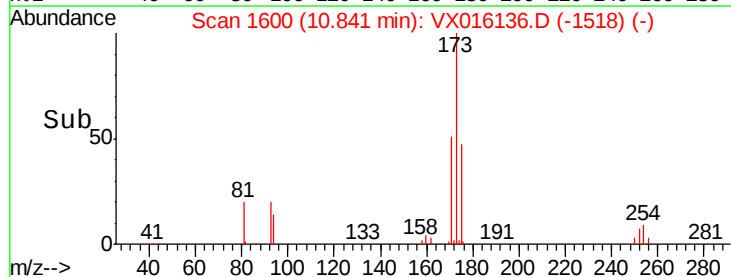
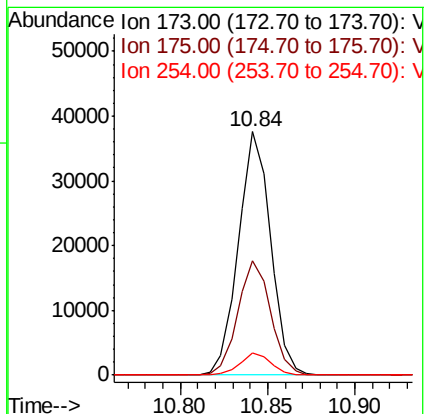
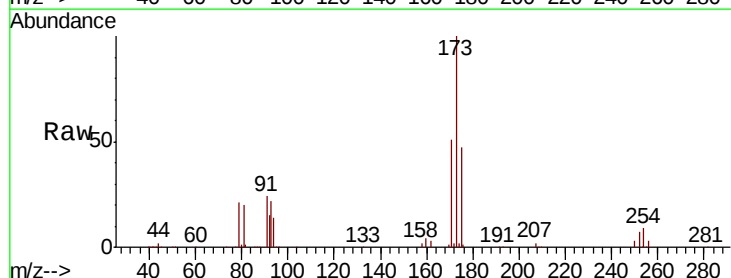
Tgt Ion: 173 Resp: 48200

Ion Ratio Lower Upper

173 100

175 47.6 38.0 57.0

254 8.7 6.8 10.2

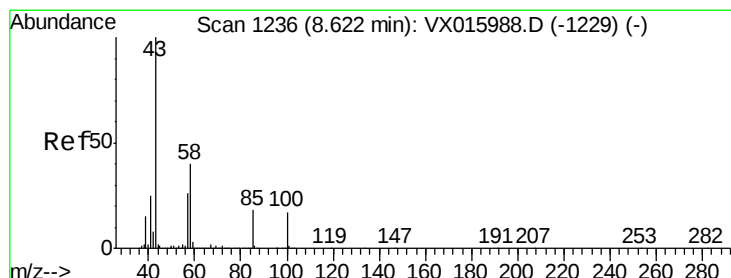
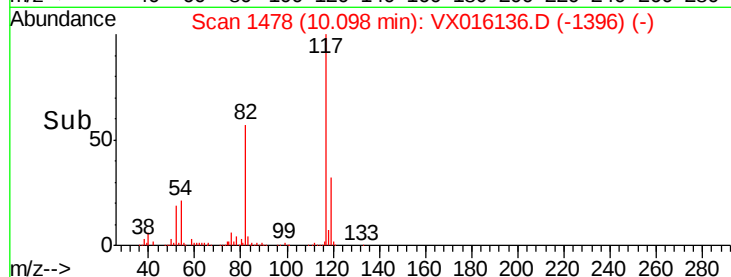
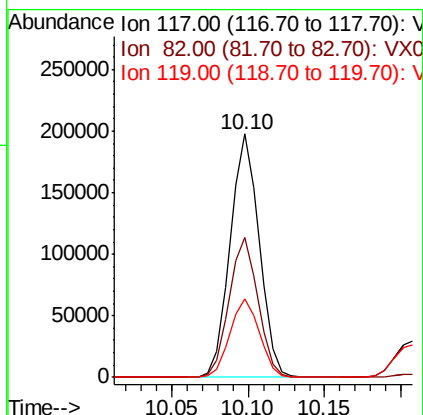
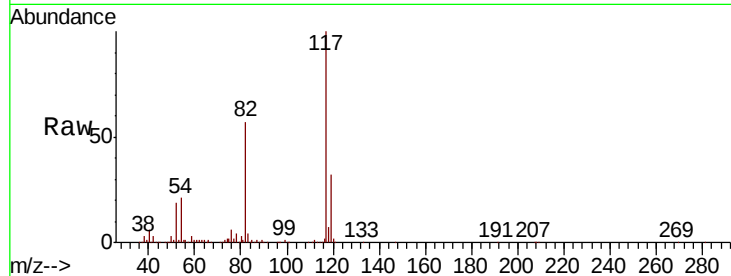




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

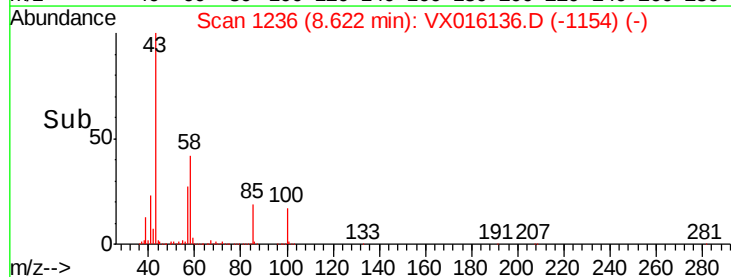
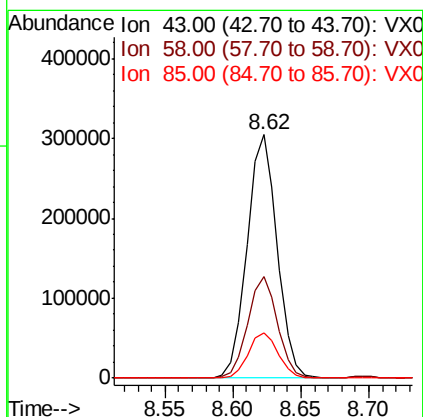
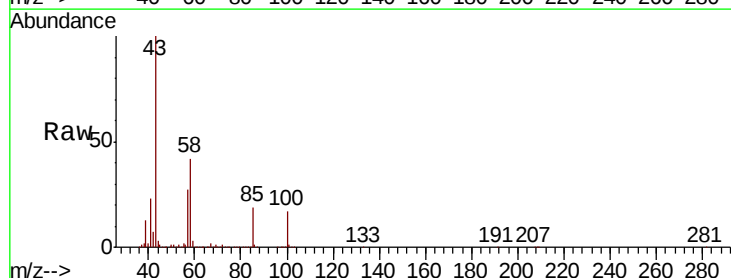
Instrument :
MSVOA_X
ClientSampleId :

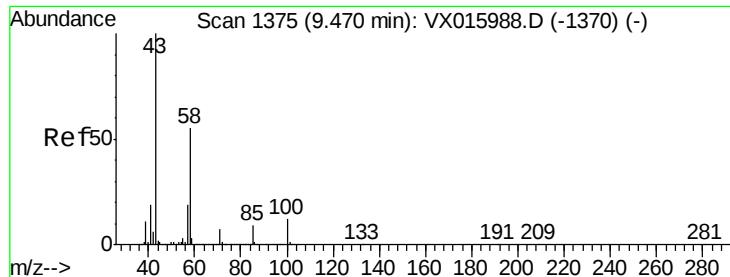
Tot Ion:117 Resp: 259893
Ion Ratio Lower Upper
117 100
82 57.4 45.1 67.7
119 32.7 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 91.816 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion: 43 Resp: 470571
Ion Ratio Lower Upper
43 100
58 41.3 31.8 47.6
85 18.8 14.5 21.7

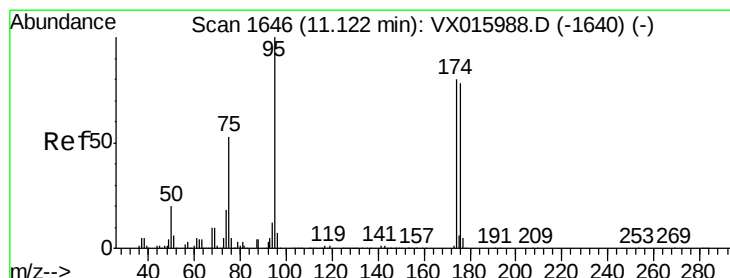
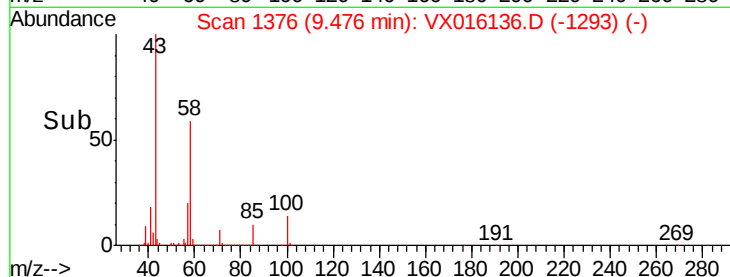
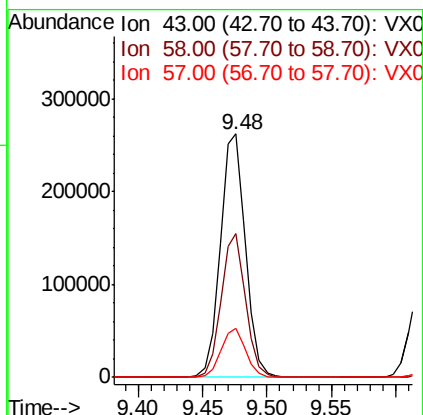
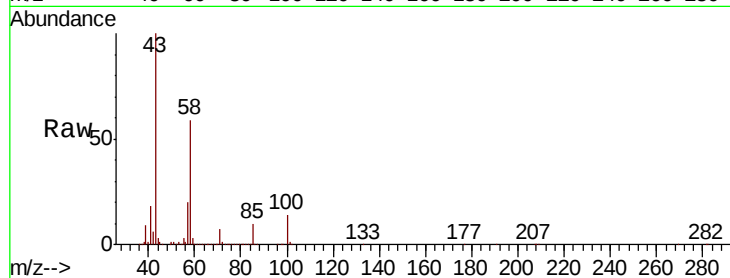




#59
2-Hexanone
Concen: 90.600 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

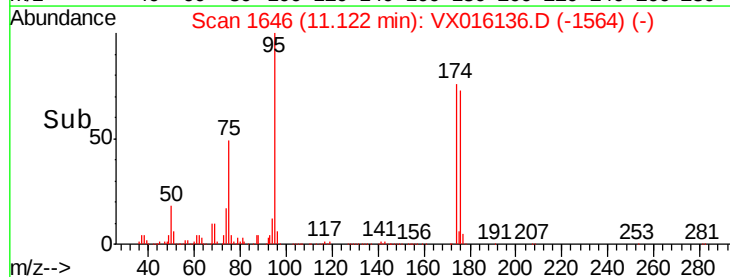
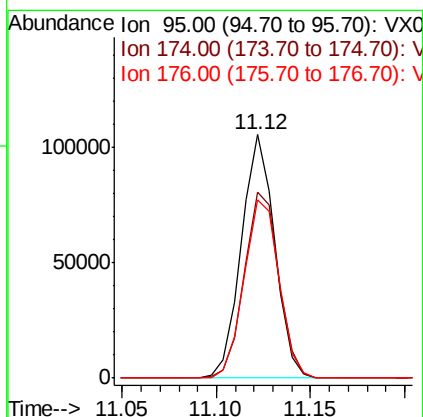
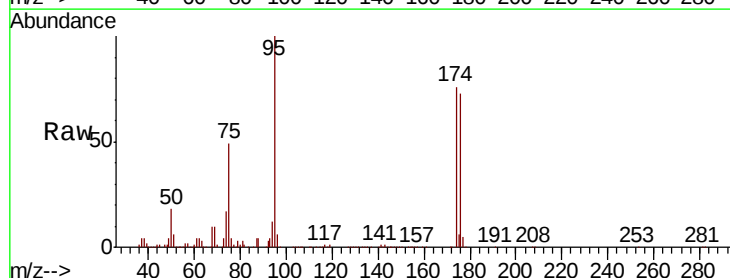
Instrument :
MSVOA_X
ClientSampleId :

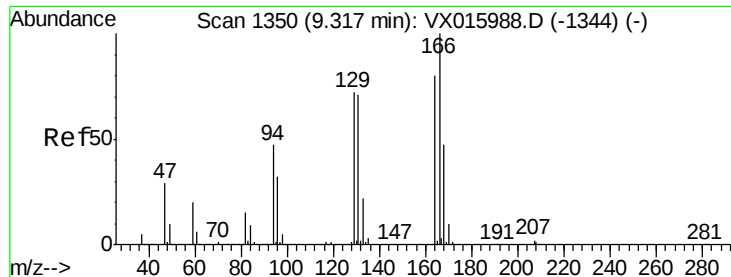
Tot Ion: 43 Resp: 358668
Ion Ratio Lower Upper
43 100
58 57.7 44.0 66.0
57 20.0 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.695 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion: 95 Resp: 129419
Ion Ratio Lower Upper
95 100
174 79.2 64.8 97.2
176 77.0 62.4 93.6





#61

Tetrachloroethene

Concen: 16.271 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 83649

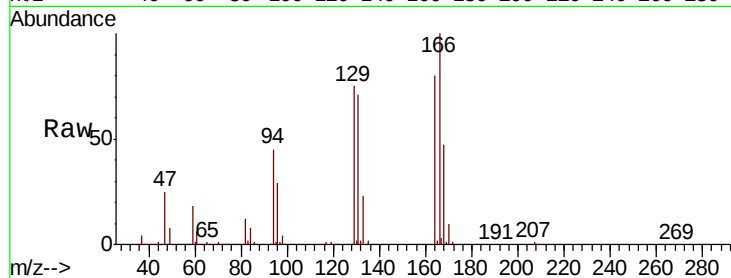
Ion Ratio Lower Upper

164 100

166 125.1 100.1 150.1

129 93.5 72.2 108.4

131 88.4 71.3 106.9

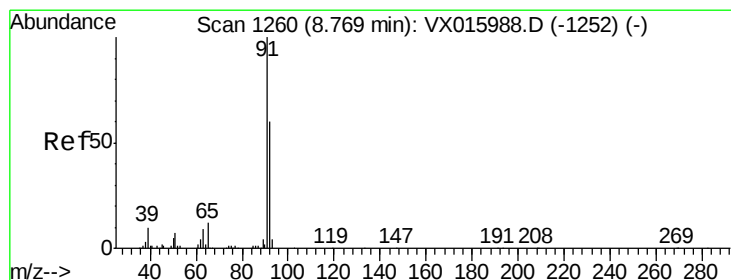
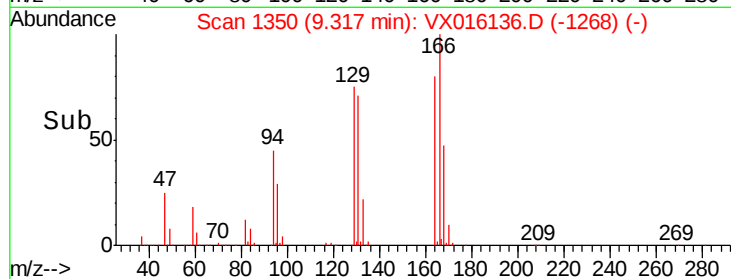
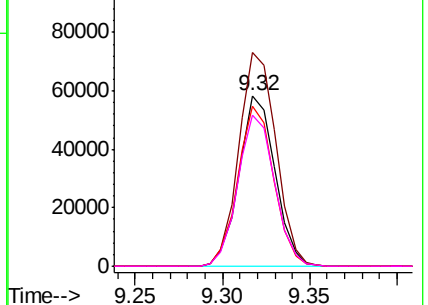


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.184 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016136.D

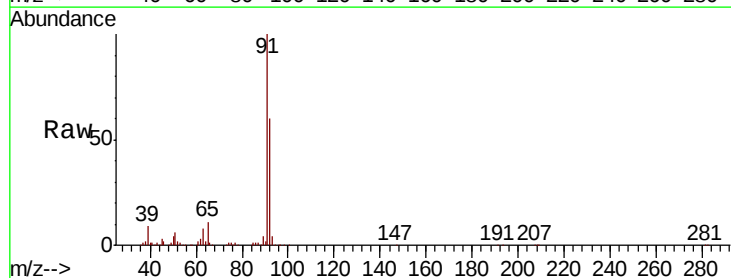
Acq: 08 May 2020 20:59

Tgt Ion: 91 Resp: 252476

Ion Ratio Lower Upper

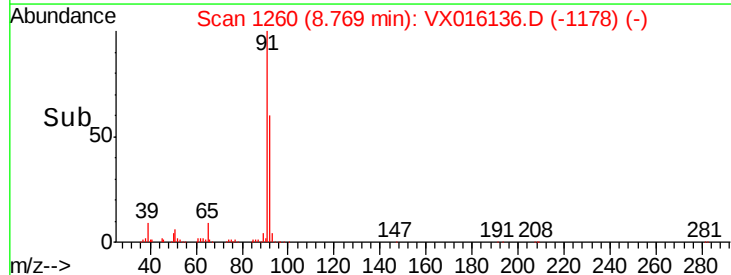
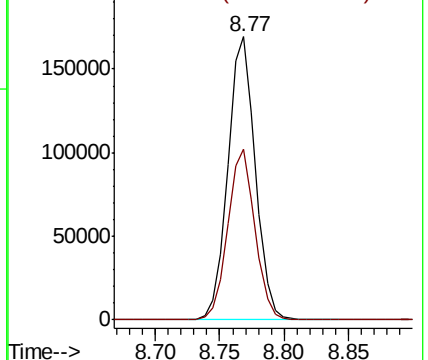
91 100

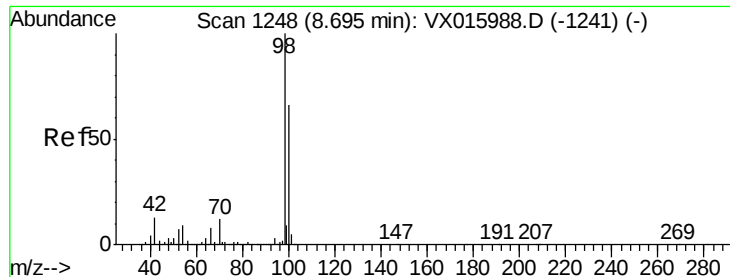
92 59.8 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.405 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

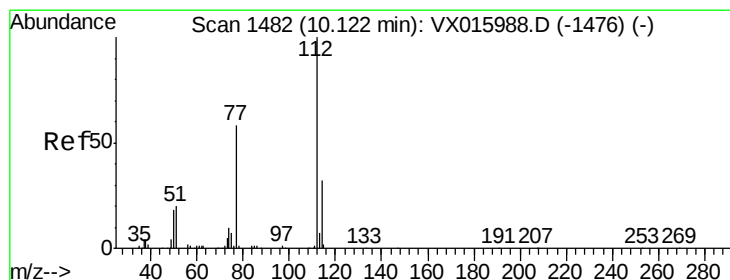
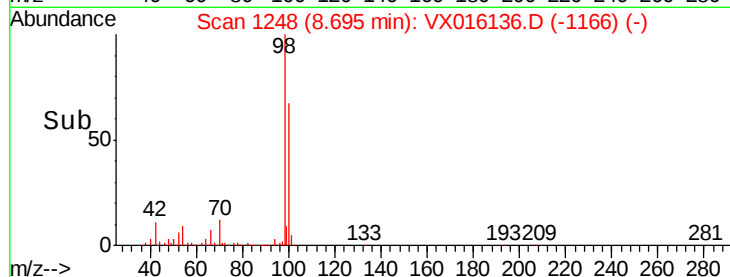
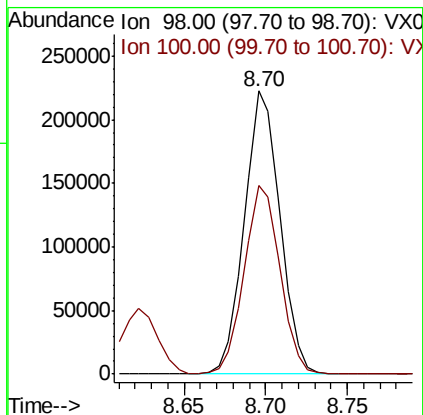
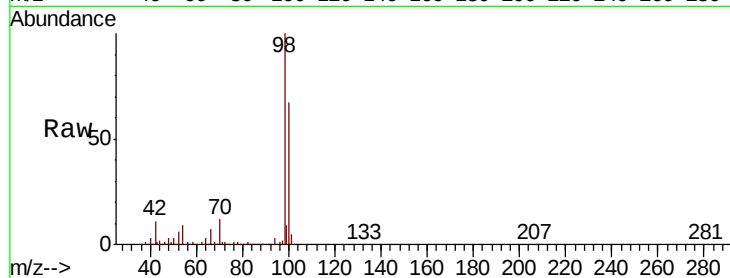
ClientSampleId :

Tot Ion: 98 Resp: 338982

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7



#64

Chlorobenzene

Concen: 17.931 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016136.D

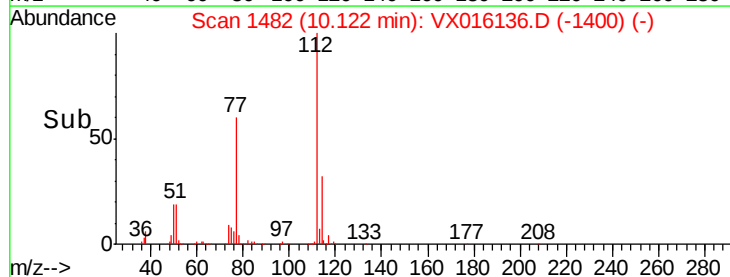
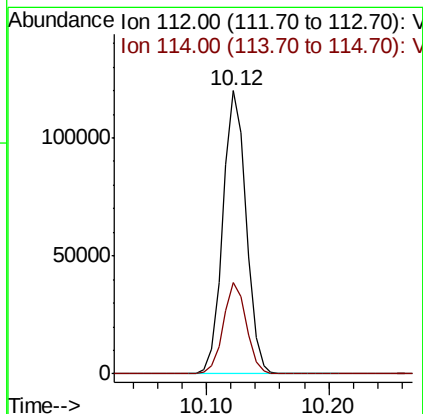
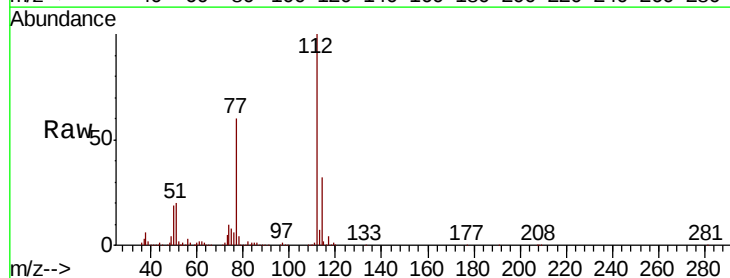
Acq: 08 May 2020 20:59

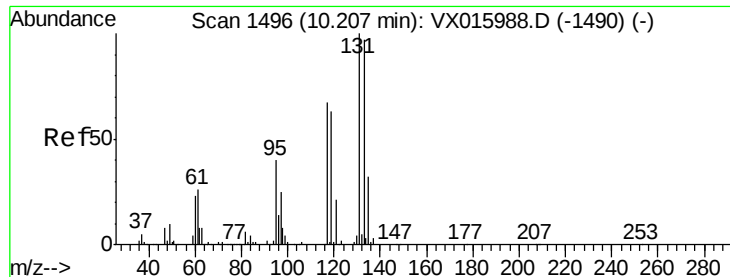
Tgt Ion: 112 Resp: 158521

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.827 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

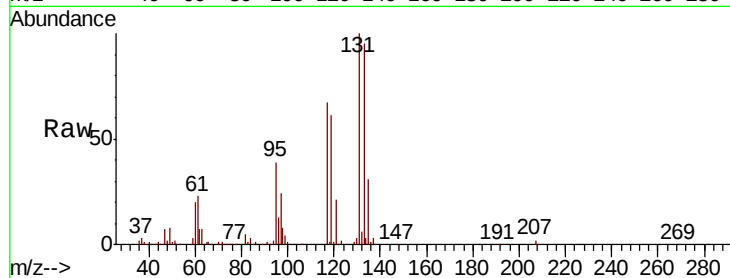
Tot Ion:131 Resp: 59833

Ion Ratio Lower Upper

131 100

133 95.1 0.0 187.0

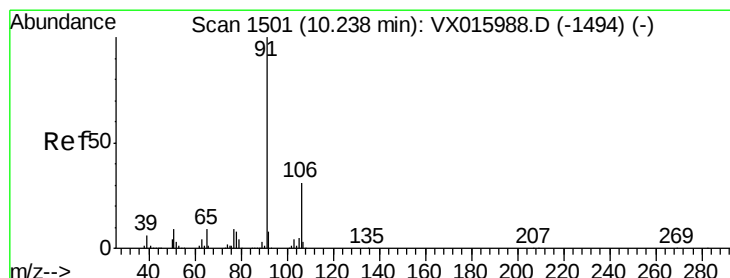
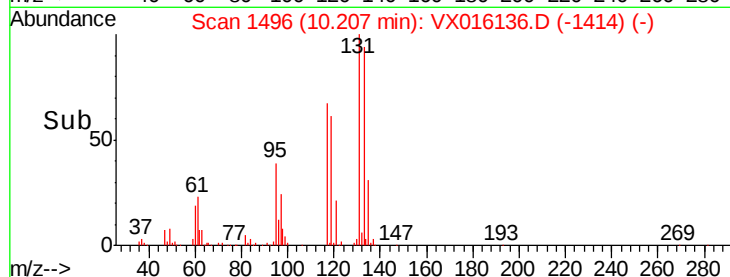
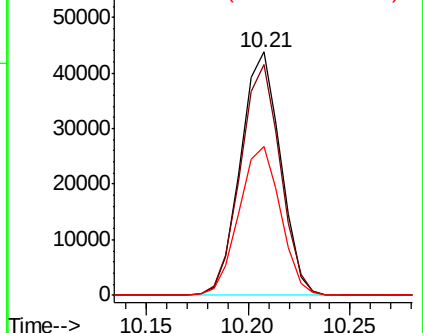
119 63.3 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.007 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016136.D

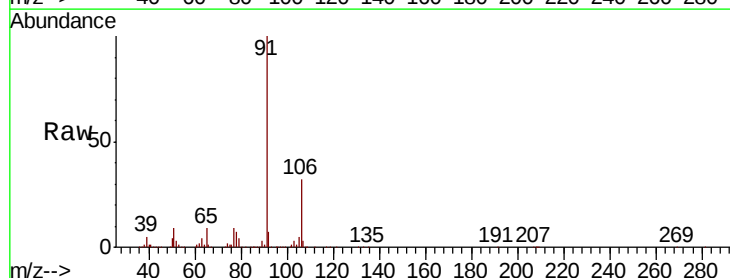
Acq: 08 May 2020 20:59

Tgt Ion: 91 Resp: 284694

Ion Ratio Lower Upper

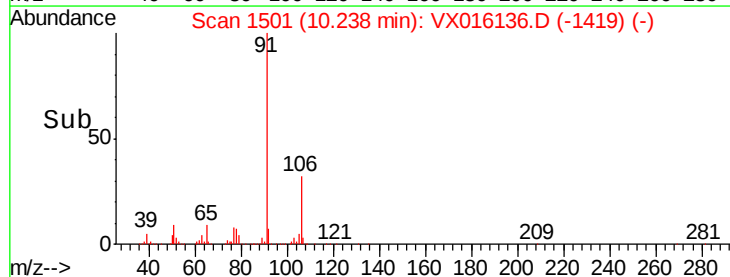
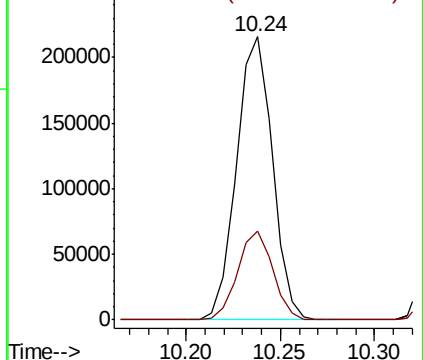
91 100

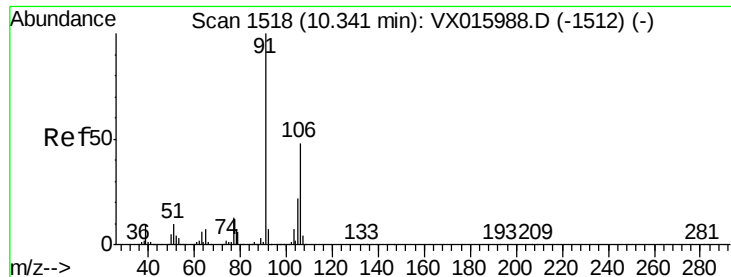
106 31.5 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

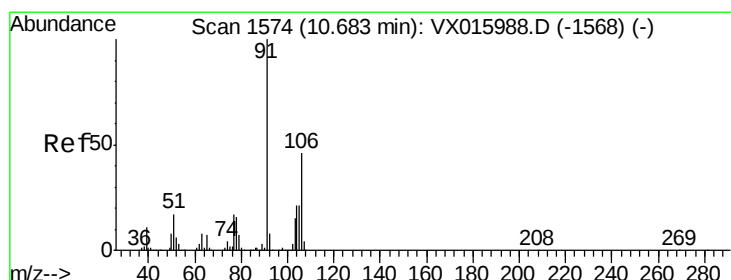
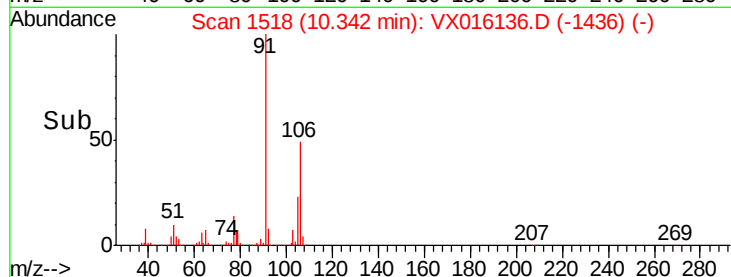
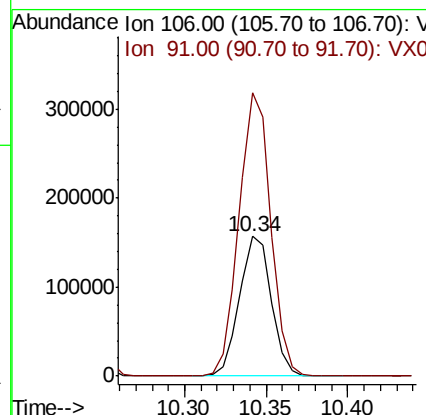
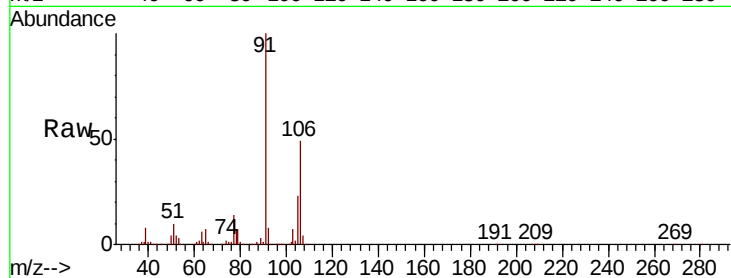




#67
m/p-Xylenes
Concen: 35.668 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

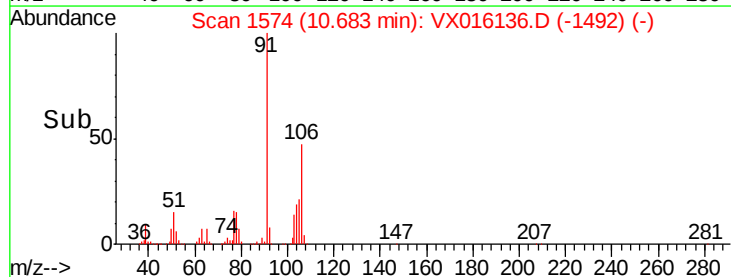
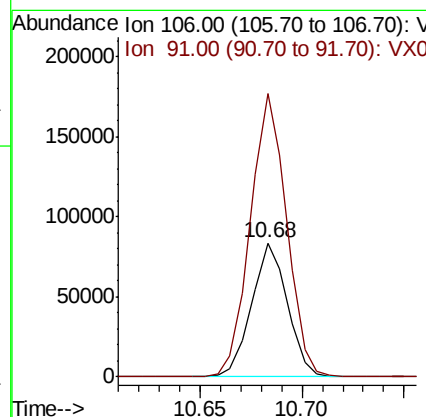
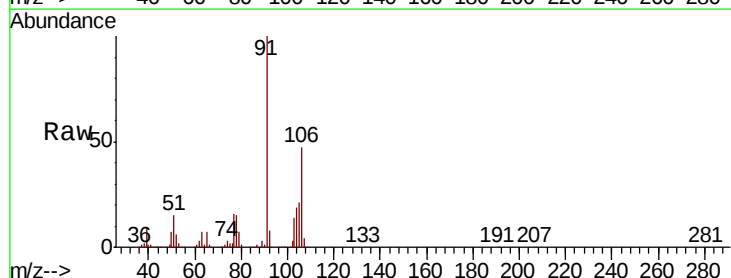
Instrument :
MSVOA_X
ClientSampleId :

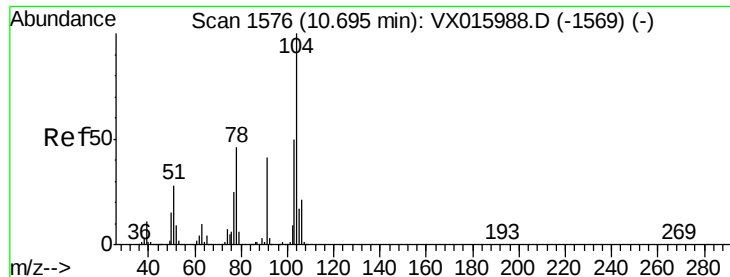
Tot Ion:106 Resp: 214830
Ion Ratio Lower Upper
106 100
91 200.5 164.2 246.4



#68
o-Xylene
Concen: 17.602 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion:106 Resp: 102236
Ion Ratio Lower Upper
106 100
91 213.5 108.3 325.0





#69

Stvrene

Concen: 17.332 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

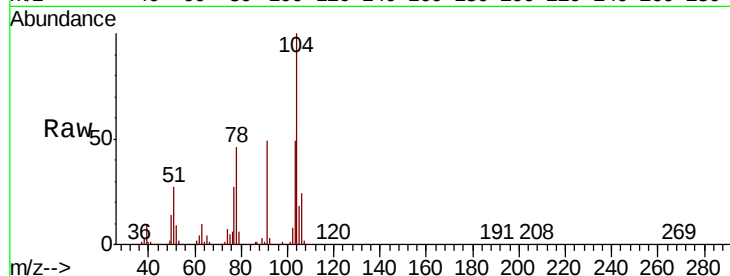
Tot Ion:104 Resp: 172288

Ion Ratio Lower Upper

104 100

78 50.5 40.7 61.1

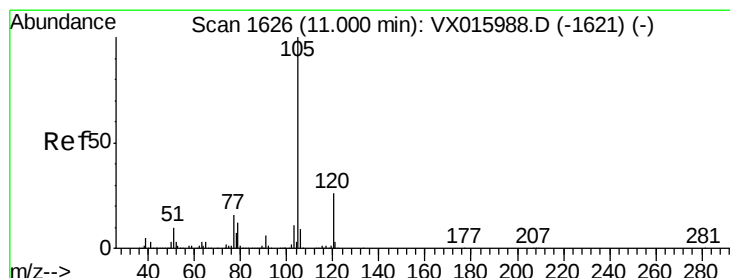
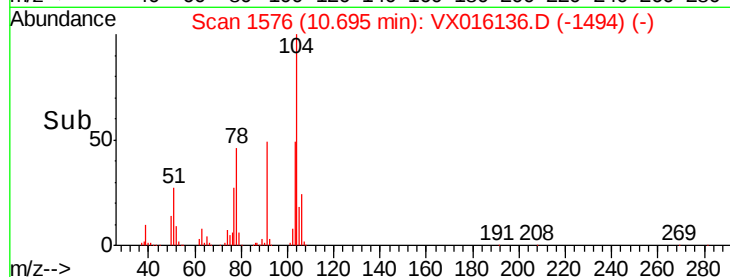
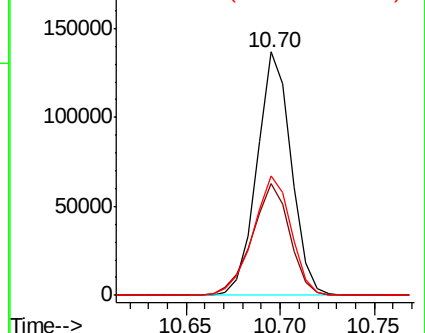
103 54.6 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 17.525 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016136.D

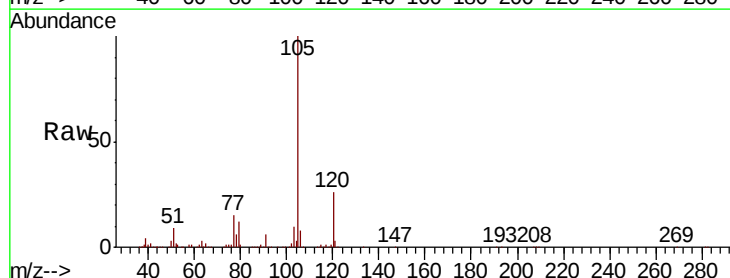
Acq: 08 May 2020 20:59

Tgt Ion:105 Resp: 274818

Ion Ratio Lower Upper

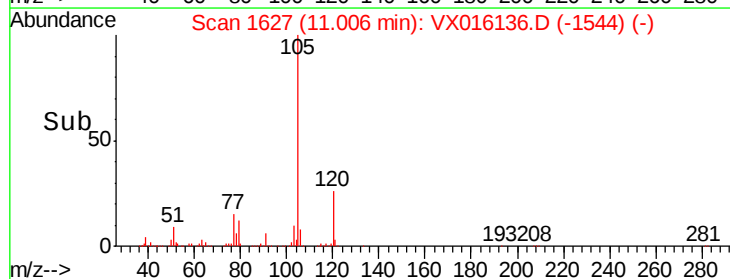
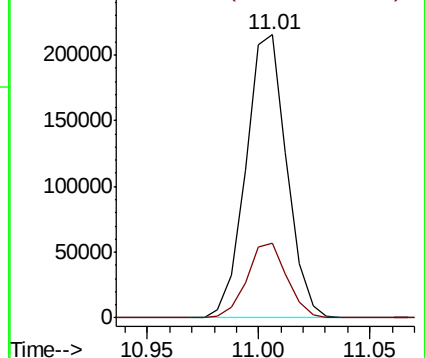
105 100

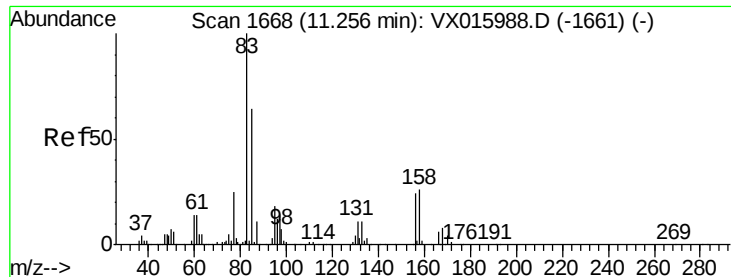
120 26.0 18.6 34.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 24.425 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

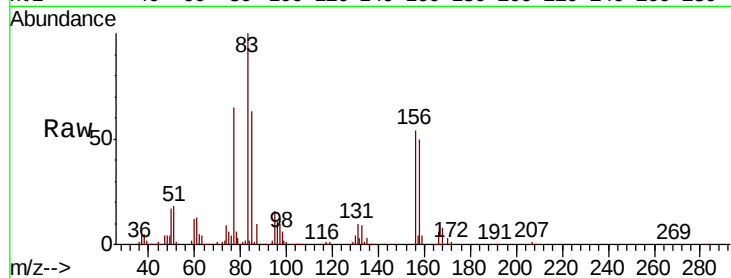
Tot Ion: 83 Resp: 71201

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

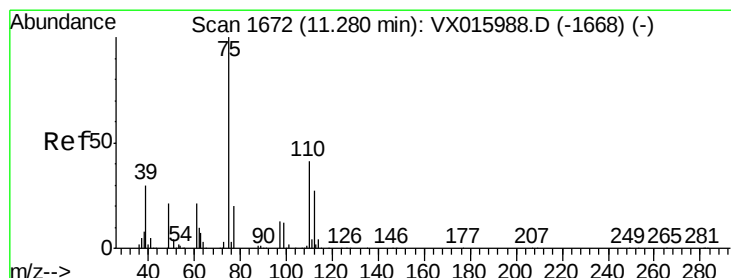
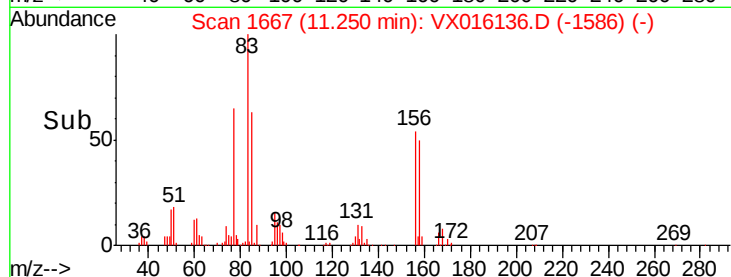
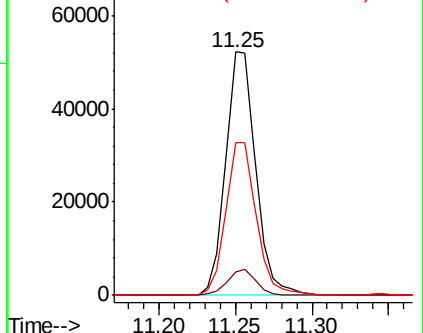
85 63.6 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.580 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016136.D

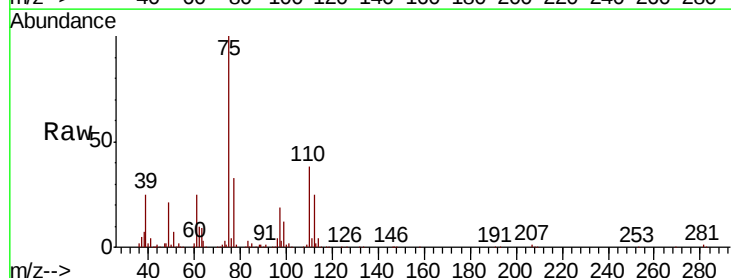
Acq: 08 May 2020 20:59

Tgt Ion: 75 Resp: 116052

Ion Ratio Lower Upper

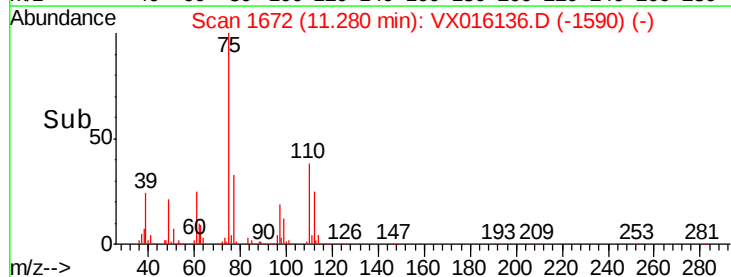
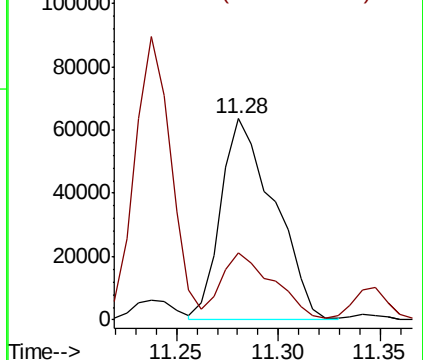
75 100

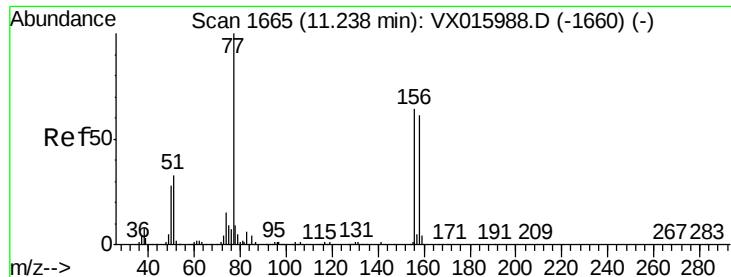
77 32.3 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.249 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampled :

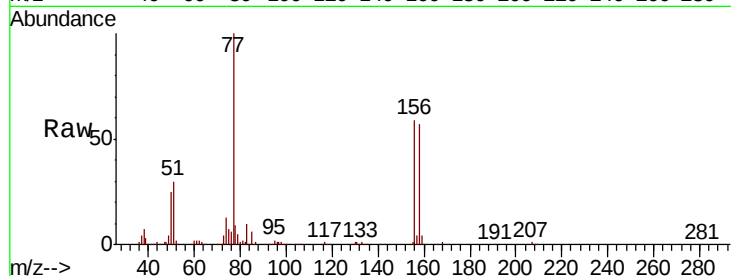
Tot Ion:156 Resp: 68162

Ion Ratio Lower Upper

156 100

77 163.1 0.0 318.0

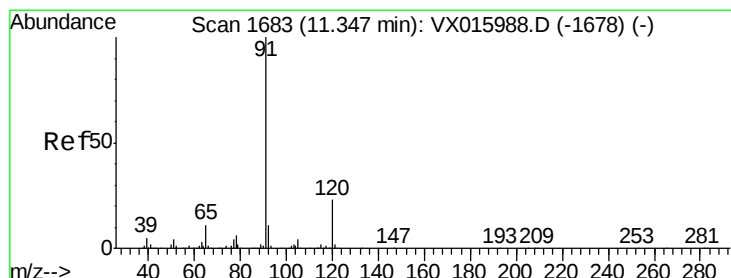
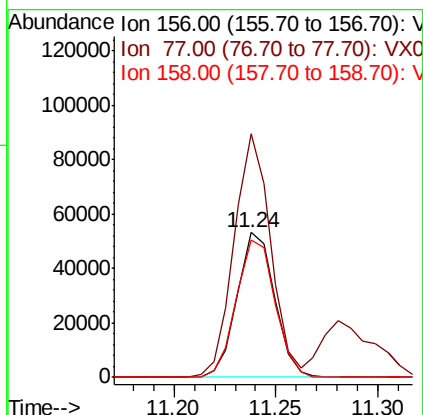
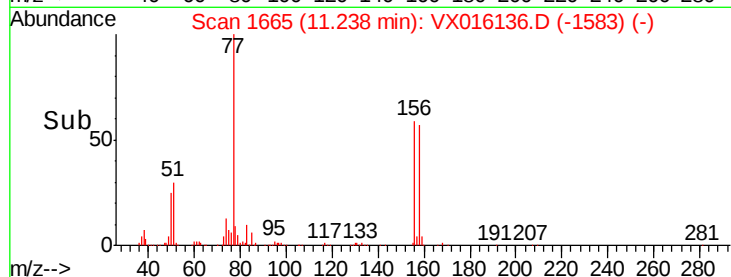
158 97.9 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.566 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016136.D

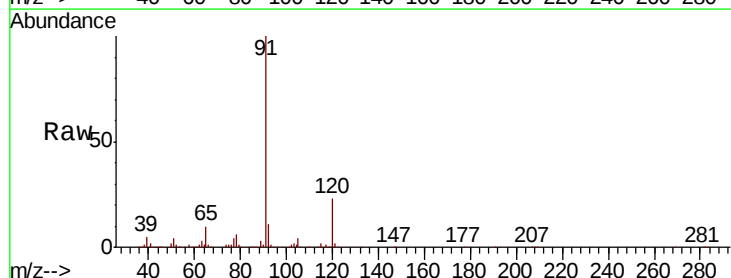
Acq: 08 May 2020 20:59

Tgt Ion: 91 Resp: 319951

Ion Ratio Lower Upper

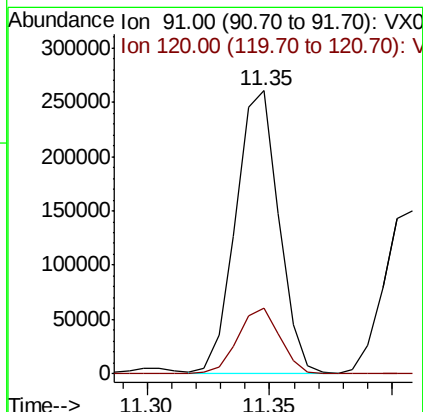
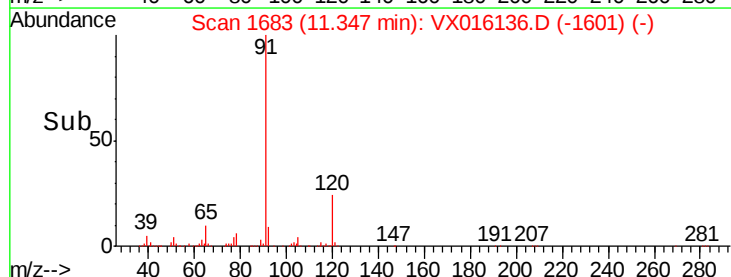
91 100

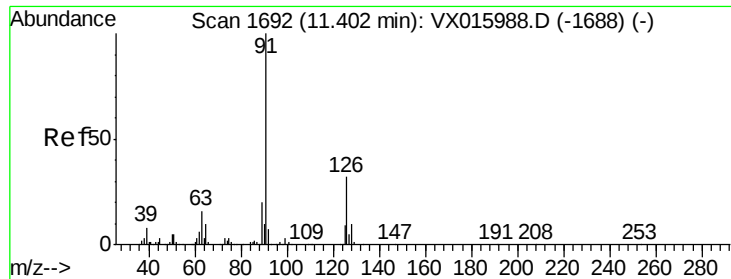
120 22.8 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.904 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

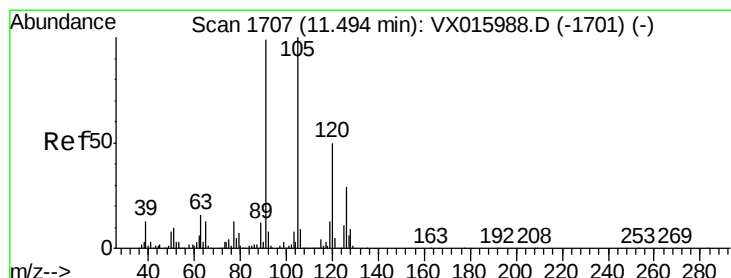
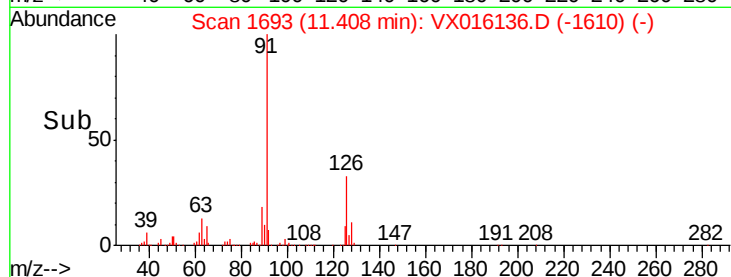
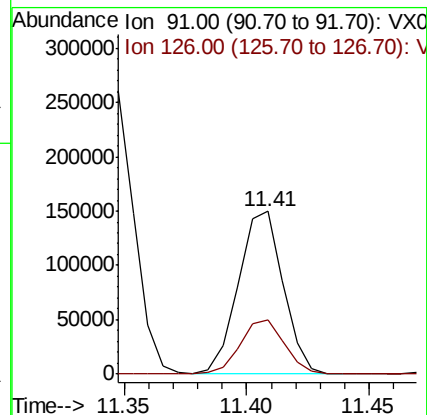
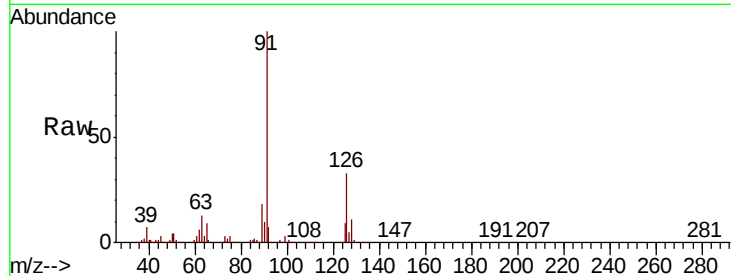
ClientSampleId :

Tot Ion: 91 Resp: 191632

Ion Ratio Lower Upper

91 100

126 32.9 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 17.216 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016136.D

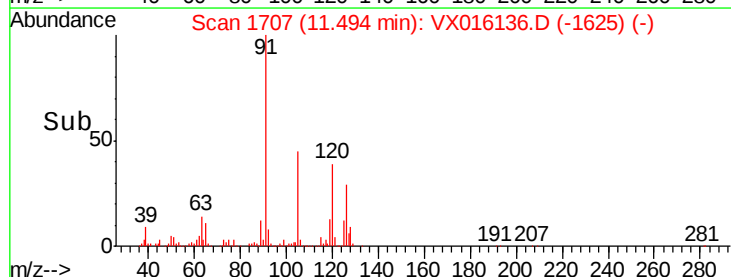
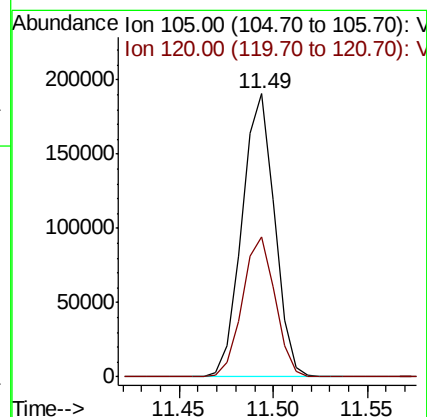
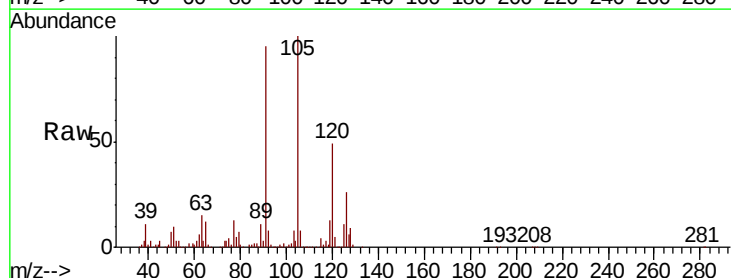
Acq: 08 May 2020 20:59

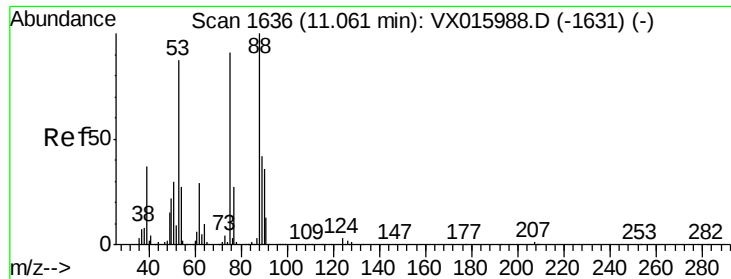
Tgt Ion: 105 Resp: 229161

Ion Ratio Lower Upper

105 100

120 49.6 0.0 99.4



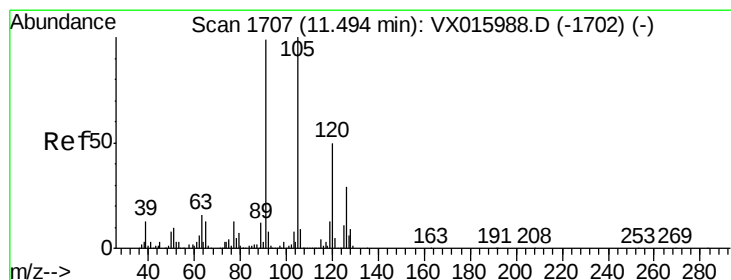
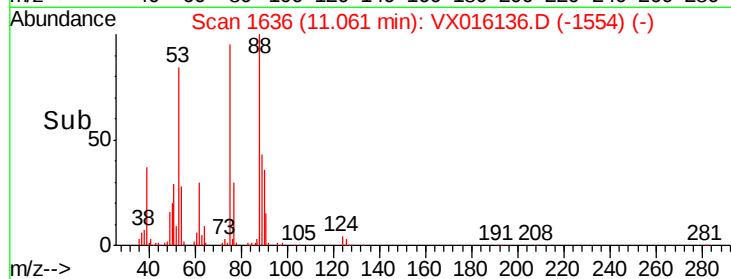
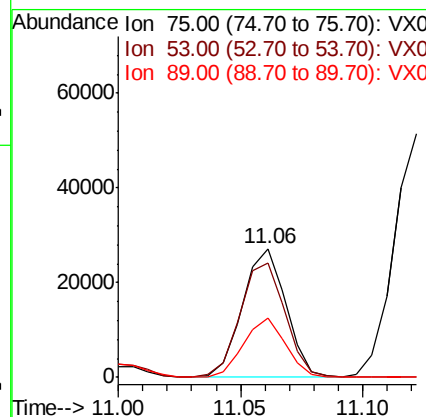
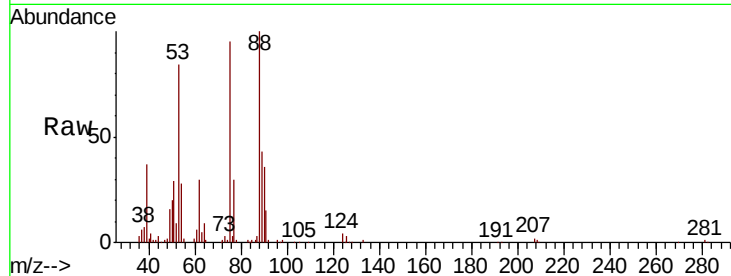


#77
t-1,4-Dichloro-2-butene
Concen: 16.574 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 33647

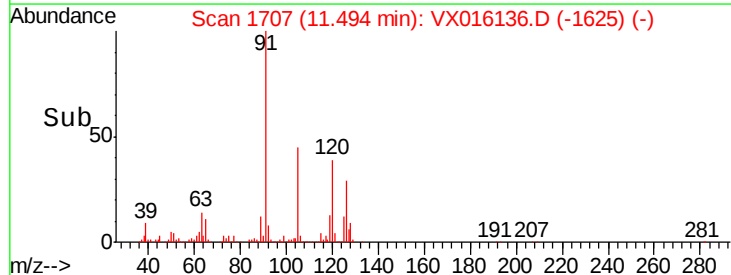
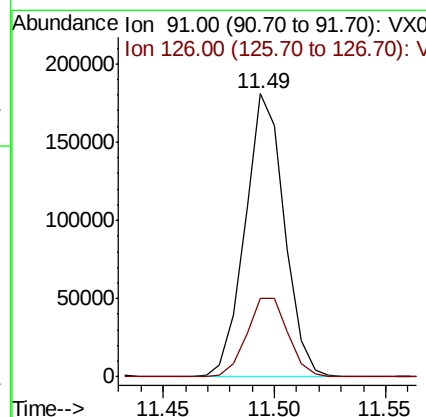
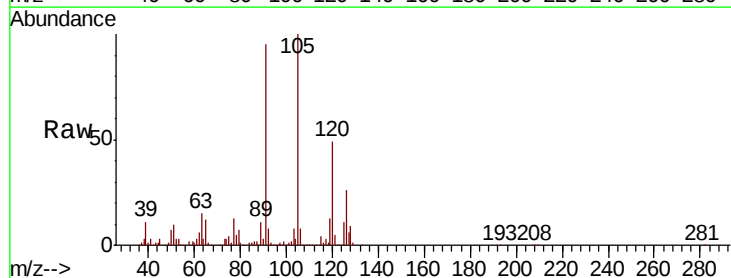
Ion	Ratio	Lower	Upper
75	100		
53	88.7	48.0	144.2
89	46.1	23.4	70.3

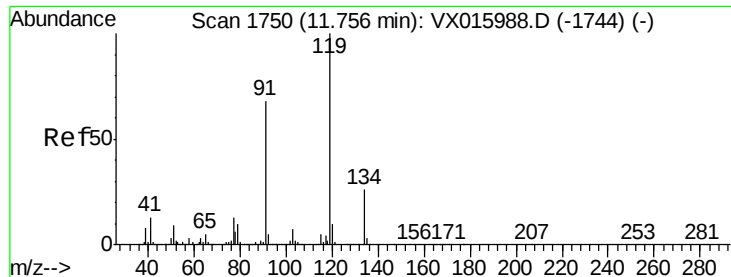


#78
4-Chlorotoluene
Concen: 17.594 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion: 91 Resp: 222908

Ion	Ratio	Lower	Upper
91	100		
126	29.2	0.0	58.4

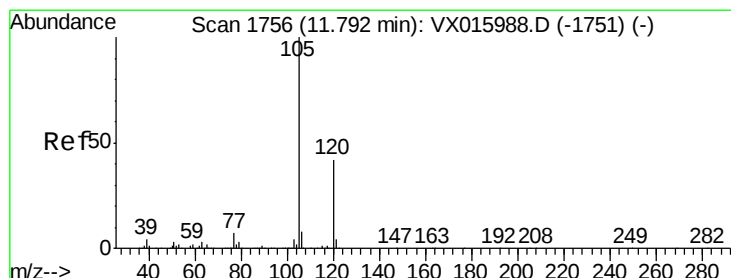
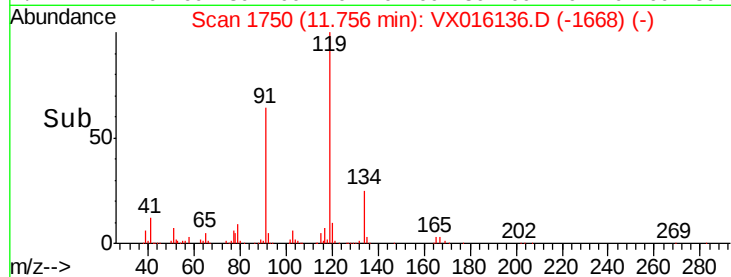
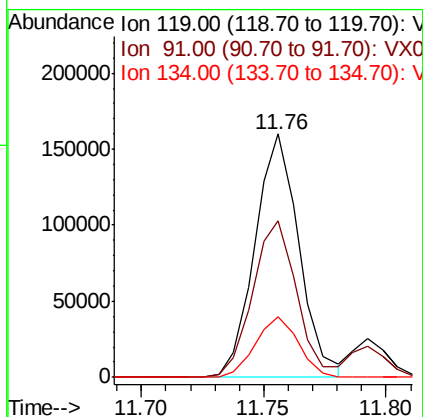
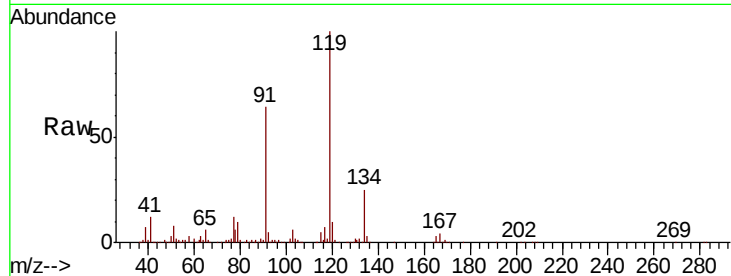




#79
tert-butylbenzene
Concen: 17.724 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

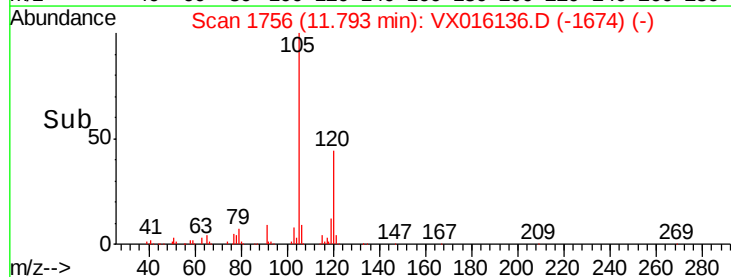
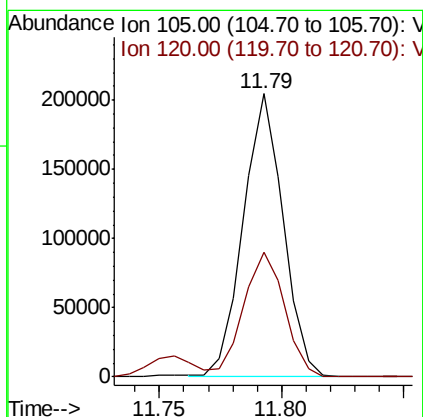
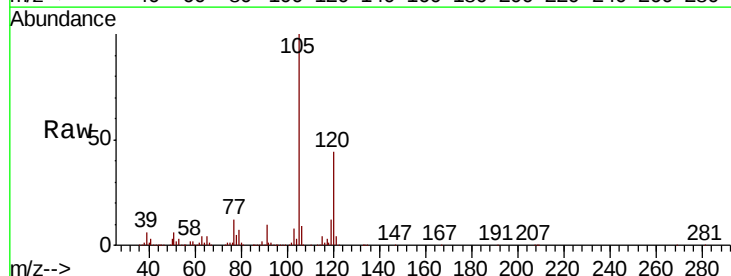
Instrument :
MSVOA_X
ClientSampleId :

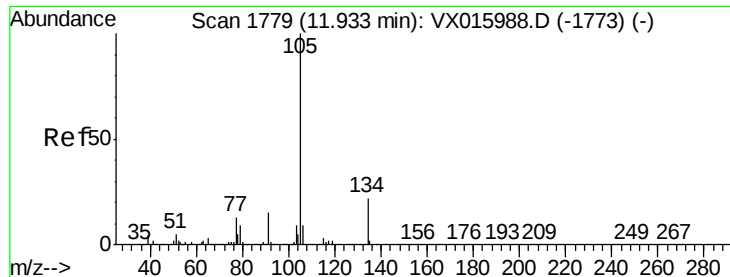
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	0.0	135.6
134	24.4	0.0	51.0



#80
1,2,4-Trimethylbenzene
Concen: 17.404 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016136.D
Acq: 08 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	91.0

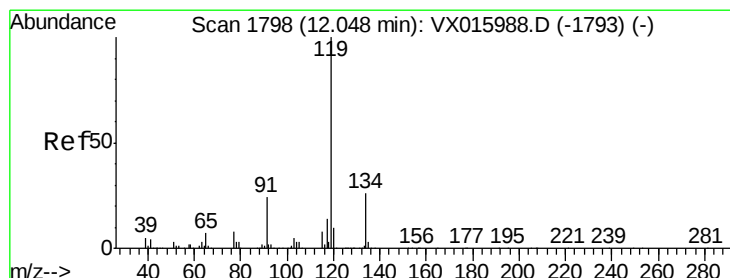
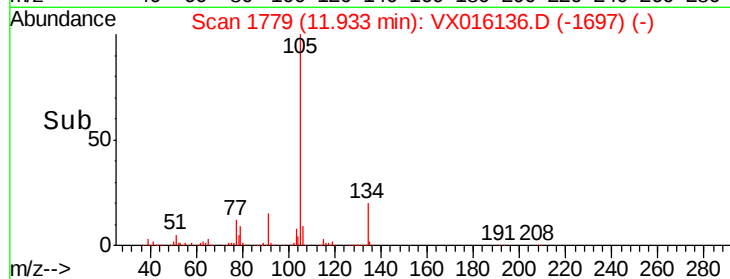
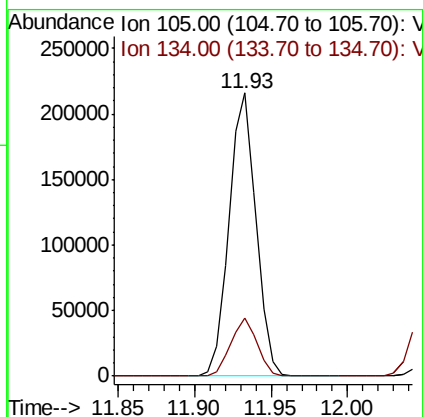
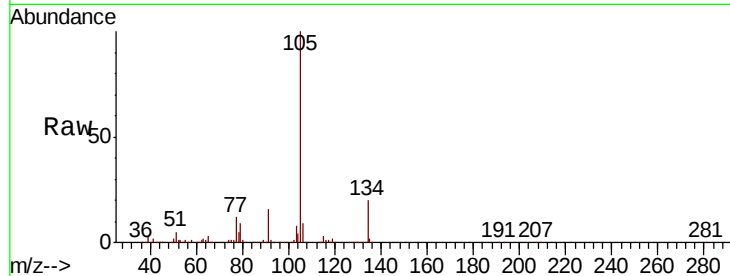




#81
 sec-Butylbenzene
 Concen: 17.137 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

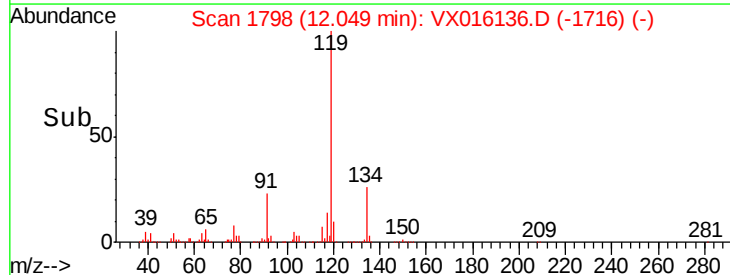
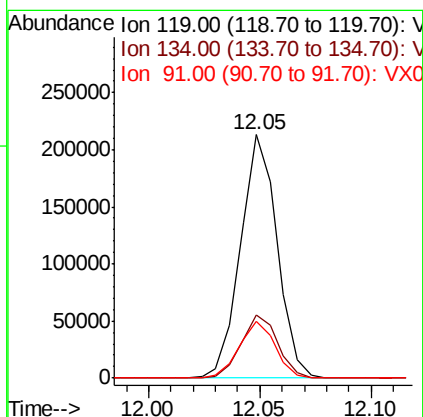
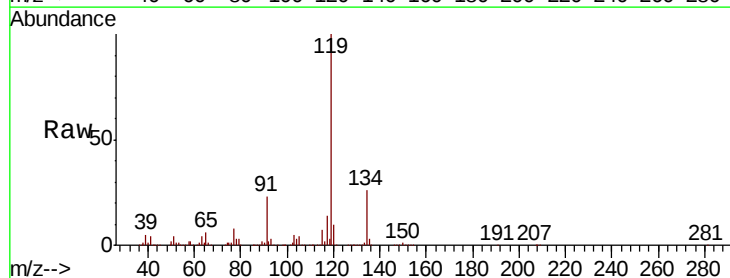
Instrument :
 MSVOA_X
 ClientSampleId :

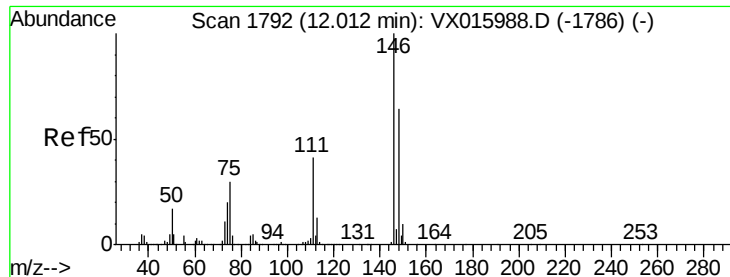
Tot Ion:105 Resp: 262756
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 17.197 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Tgt Ion:119 Resp: 244346
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 22.9 0.0 47.6

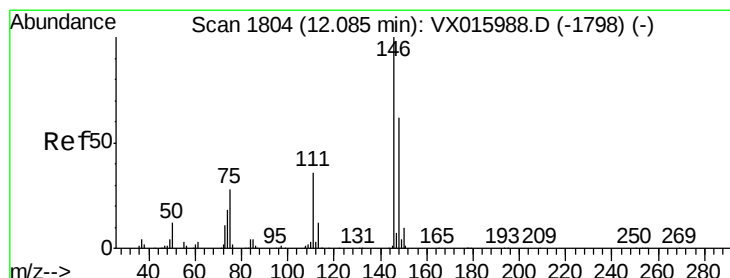
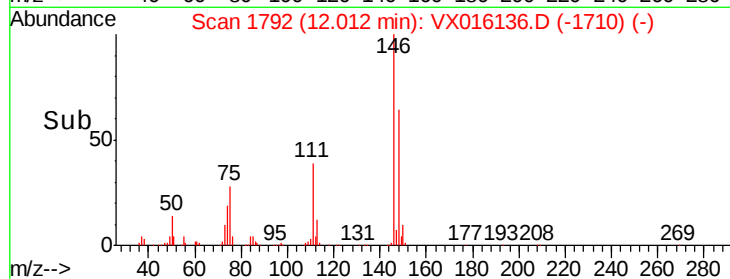
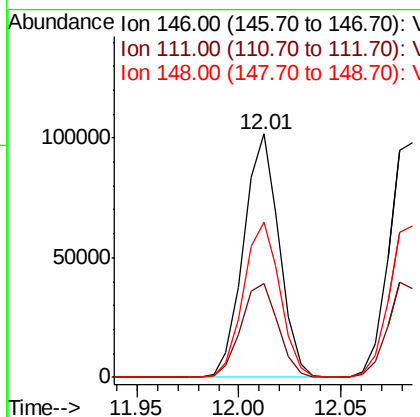
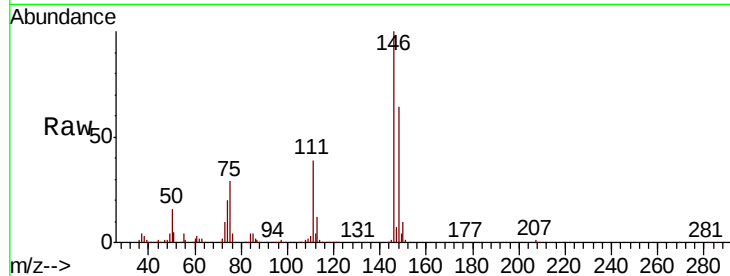




#83
 1,3-Dichlorobenzene
 Concen: 17.266 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

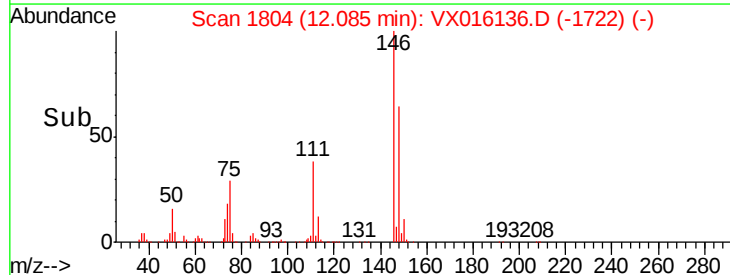
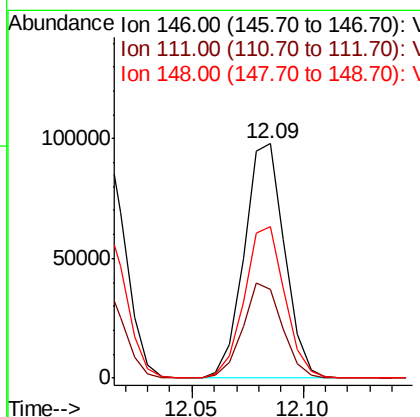
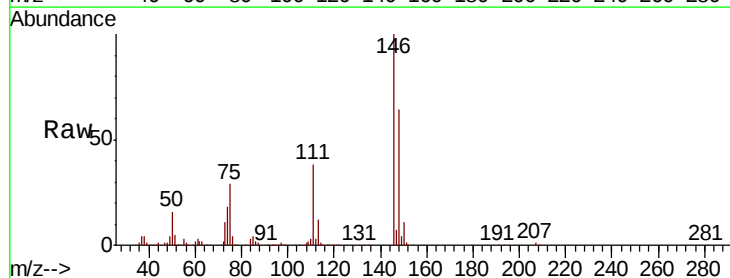
Instrument :
 MSVOA_X
 ClientSampleId :

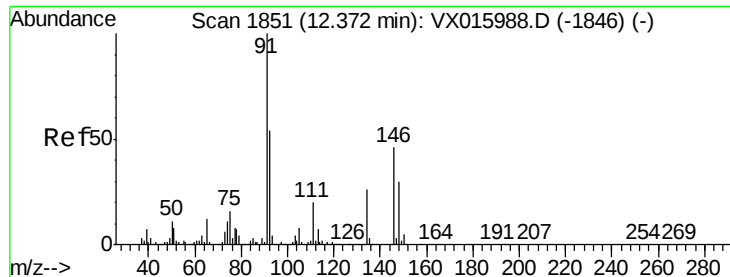
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	65.2	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 17.483 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	64.7	32.0	96.0





#85

n-Butylbenzene

Concen: 16.705 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampled :

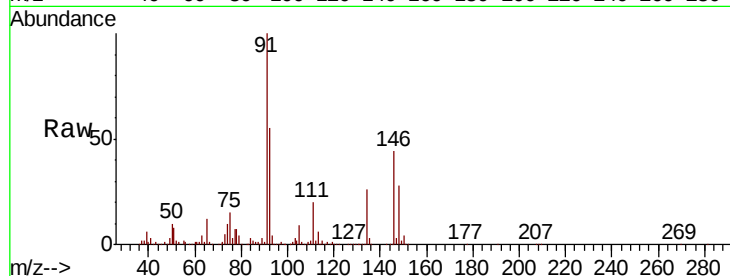
Tot Ion: 91 Resp: 216813

Ion Ratio Lower Upper

91 100

92 54.2 0.0 110.2

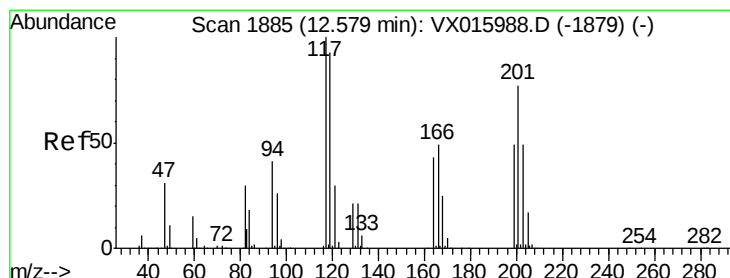
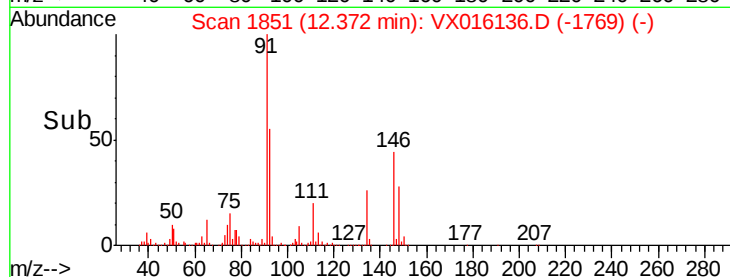
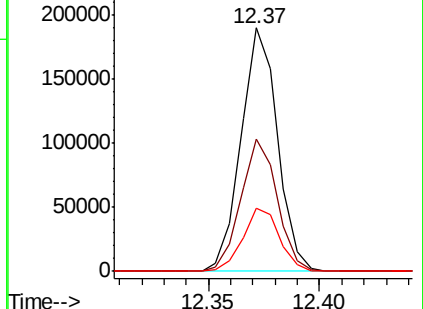
134 26.2 0.0 53.4



Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX015988.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX015988.D (-1846) (-)



#86

Hexachloroethane

Concen: 16.404 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016136.D

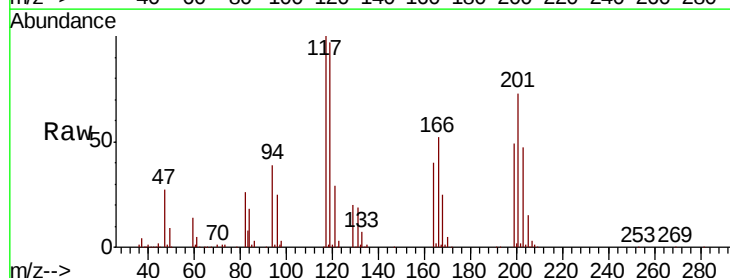
Acq: 08 May 2020 20:59

Tgt Ion: 117 Resp: 41032

Ion Ratio Lower Upper

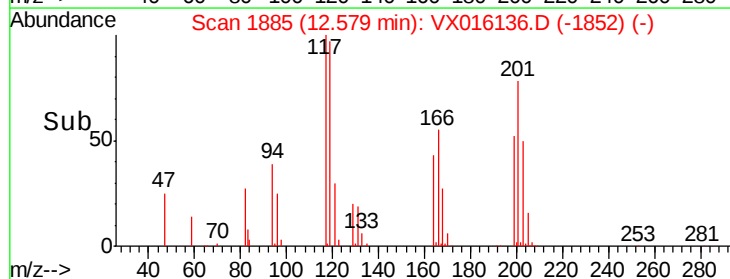
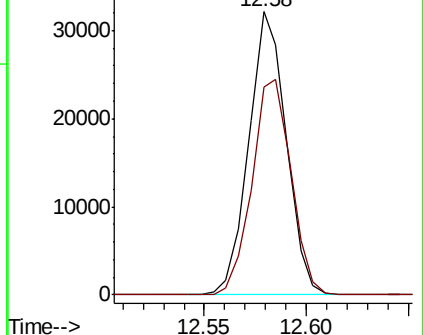
117 100

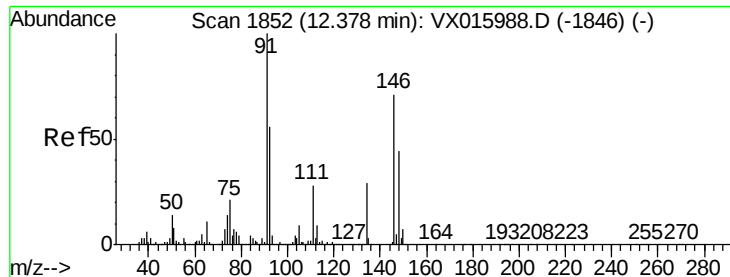
201 79.5 40.1 120.2



Abundance Ion 117.00 (116.70 to 117.70): VX015988.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX015988.D (-1879) (-)





#87

1,2-Dichlorobenzene

Concen: 17.462 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

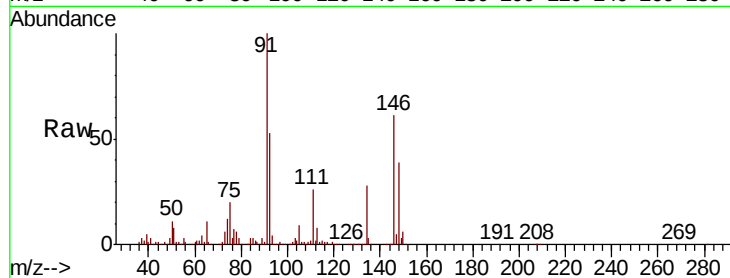
Tot Ion:146 Resp: 120319

Ion Ratio Lower Upper

146 100

111 42.5 20.7 62.1

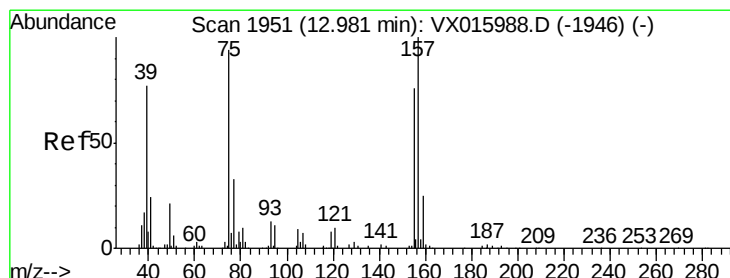
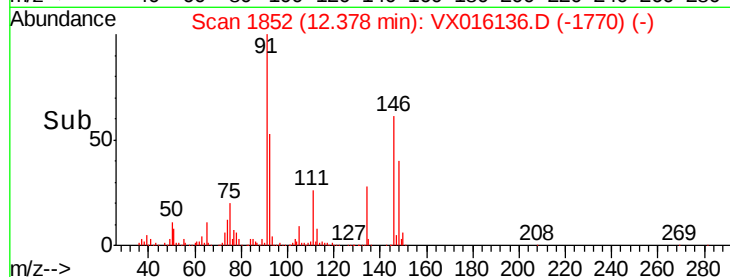
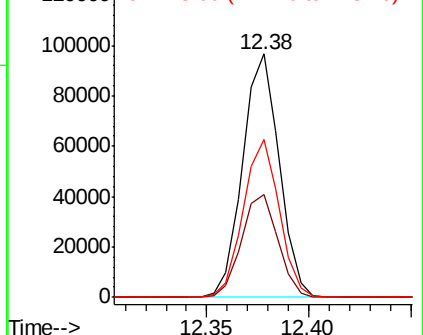
148 63.9 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.050 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

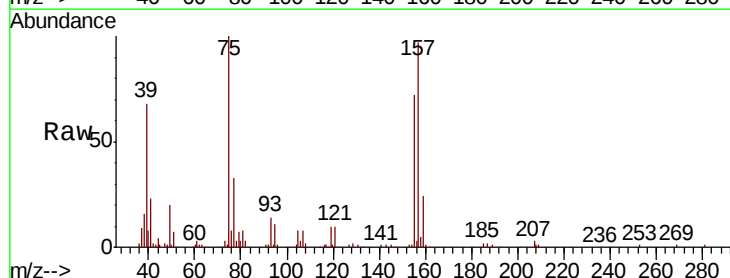
Tgt Ion: 75 Resp: 22018

Ion Ratio Lower Upper

75 100

155 83.0 66.9 100.3

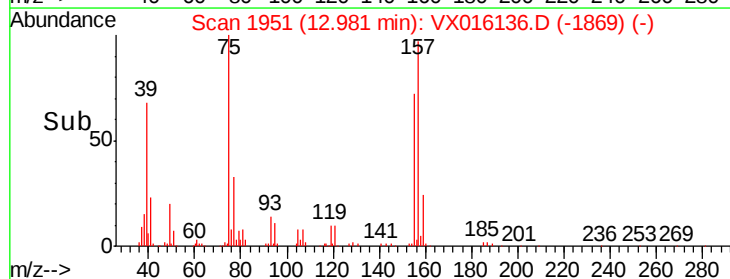
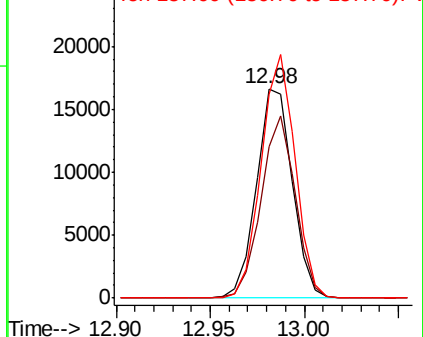
157 109.6 88.2 132.2

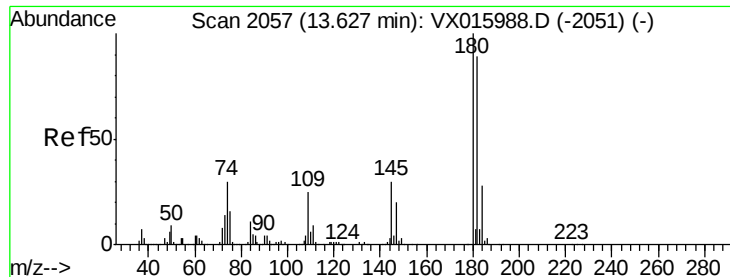


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

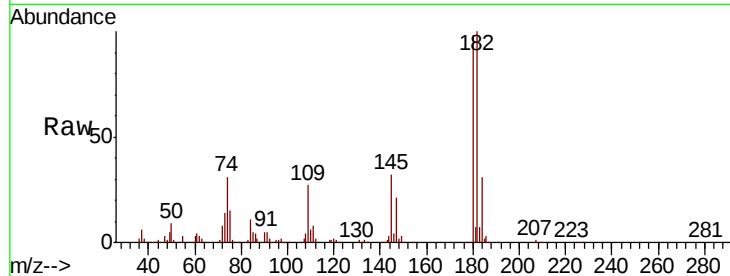




#89
 1,2,4-Trichlorobenzene
 Concen: 17.104 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.0	112.6
145	30.8	23.9	35.9

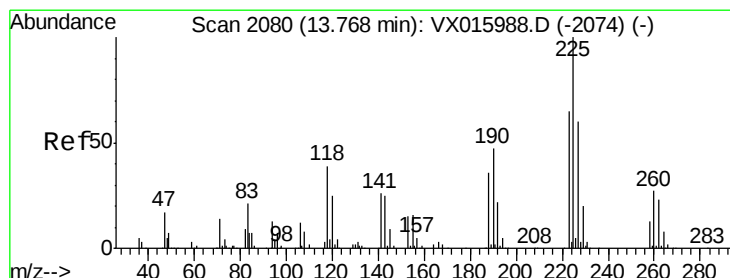
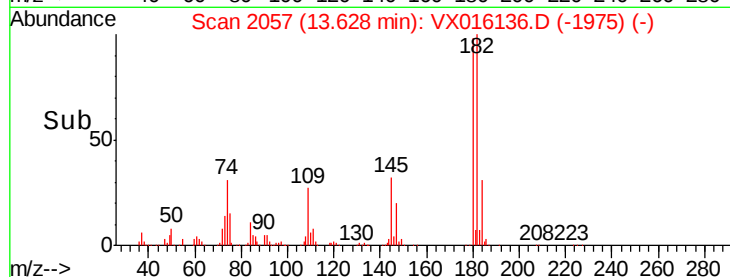
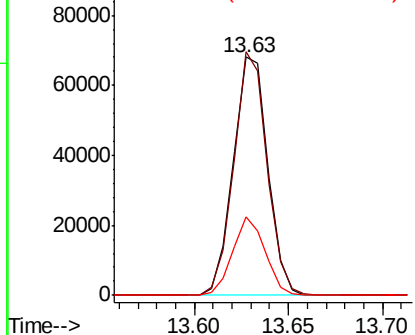


Abundance

Ion 180.00 (179.70 to 180.70): V

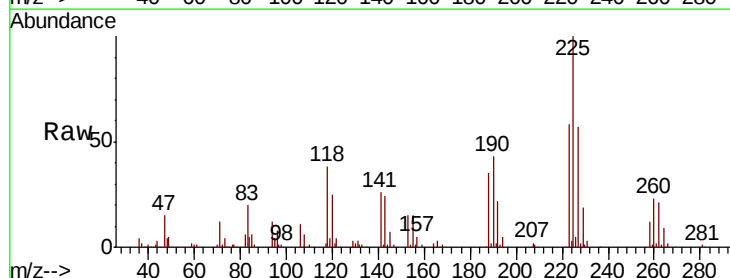
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 16.259 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016136.D
 Acq: 08 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	123.6
227	61.0	0.0	123.6

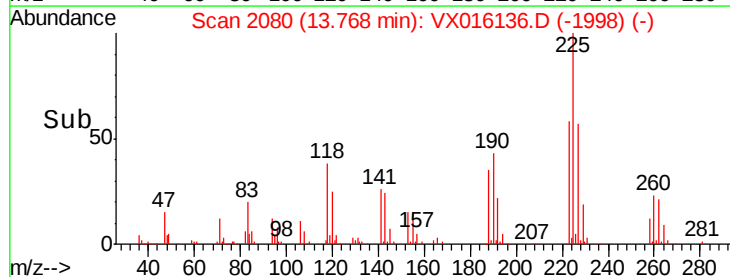
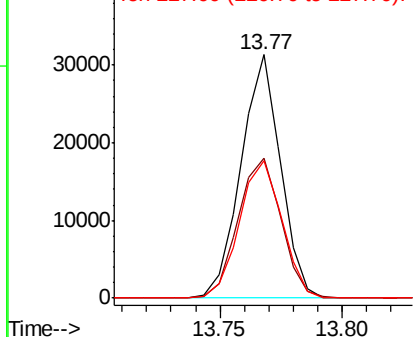


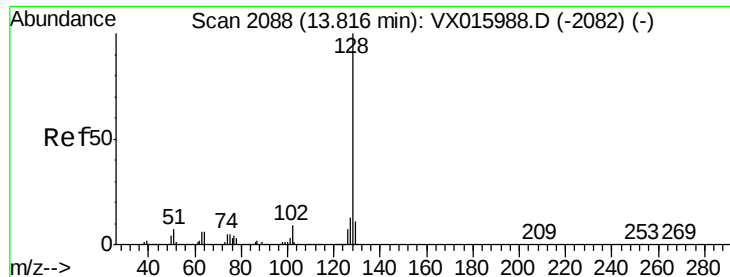
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.029 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

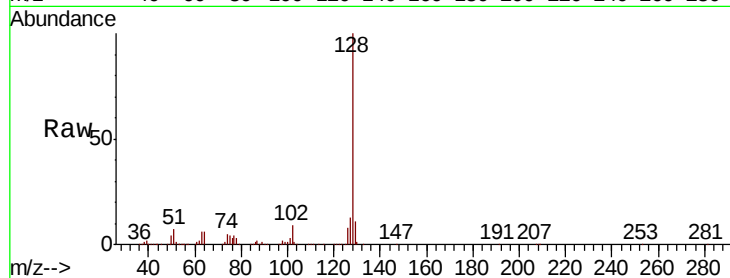
Tot Ion:128 Resp: 291315

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

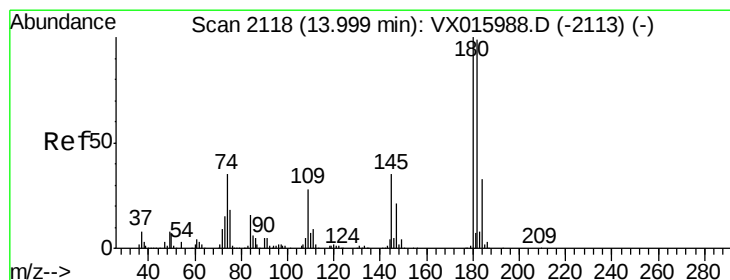
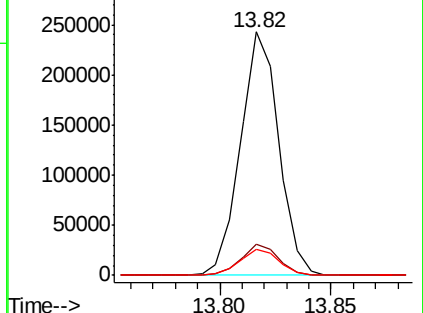
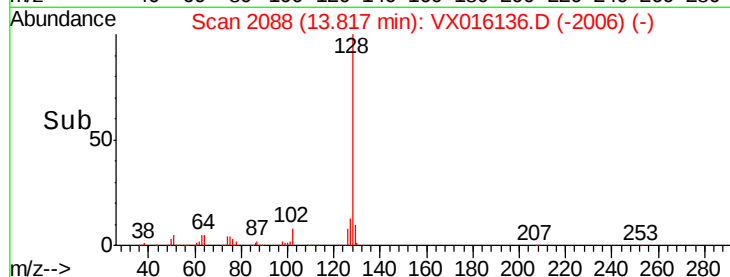
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.811 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016136.D

Acq: 08 May 2020 20:59

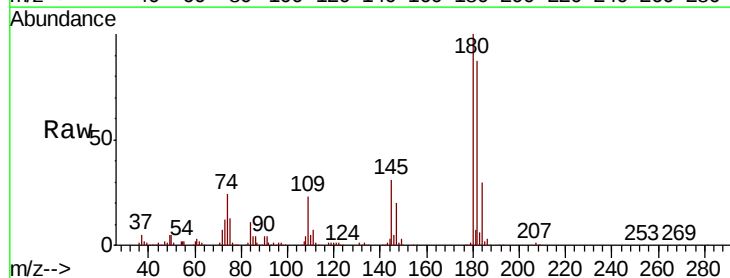
Tgt Ion:180 Resp: 86843

Ion Ratio Lower Upper

180 100

182 94.1 0.0 197.2

145 33.0 0.0 66.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

