

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
 Data File : VX016080.D
 Acq On : 06 May 2020 13:50
 Operator : JC/SP
 Sample : L2182-09 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 07:47:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 07 07:43:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	478062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	435104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185864	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	5.47	113	140592	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	8.70	98	555222	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.12	95	206115	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	7021	2.241	ug/l	98
3) Chloromethane	1.31	50	8793	2.417	ug/l	97
4) Vinyl Chloride	1.39	62	9200	2.370	ug/l	100
5) Bromomethane	1.63	94	6781	3.465	ug/l	93
6) Chloroethane	1.71	64	5838	2.472	ug/l	96
7) Trichlorofluoromethane	1.92	101	12054	2.366	ug/l	98
8) Diethyl Ether	2.17	74	4822	2.246	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.36	101	7124	2.423	ug/l	99
10) Methyl Iodide	2.49	142	7385	1.870	ug/l	98
11) Tert butyl alcohol	3.01	59	11588	11.767	ug/l	96
12) 1,1-Dichloroethene	2.36	96	7696	2.502	ug/l	100
13) Acrolein	2.27	56	7020	11.391	ug/l	99
14) Allyl chloride	2.71	41	13593	2.410	ug/l	98
15) Acrylonitrile	3.12	53	24454	11.970	ug/l	99
16) Acetone	2.42	43	21081	12.132	ug/l	99
17) Carbon Disulfide	2.55	76	23558	2.249	ug/l	98
18) Methyl Acetate	2.75	43	10219	2.392	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	25335	2.389	ug/l	100
20) Methylene Chloride	2.84	84	8618	2.406	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	8528	2.487	ug/l	99
22) Diisopropyl ether	3.83	45	25809	2.425	ug/l	88
23) Vinyl Acetate	3.79	43	105915	11.312	ug/l	99
24) 1,1-Dichloroethane	3.68	63	14688	2.467	ug/l	98
25) 2-Butanone	4.64	43	33670	12.024	ug/l	96
26) 2,2-Dichloropropane	4.55	77	12793	2.353	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	9675	2.581	ug/l	92
28) Bromochloromethane	4.99	49	6878	2.534	ug/l	96
29) Tetrahydrofuran	5.09	42	21870	11.787	ug/l	98
30) Chloroform	5.18	83	14311	2.414	ug/l	97
31) Cyclohexane	5.56	56	13433	2.483	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	13314	2.471	ug/l	98
36) 1,1-Dichloropropene	5.77	75	10771	2.289	ug/l	96
37) Ethyl Acetate	4.80	43	12566	2.304	ug/l	95
38) Carbon Tetrachloride	5.76	117	11543	2.413	ug/l	85

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 Quant Title : SW846 8260
 QLast Update : Thu May 07 07:43:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	13019	2.297	ug/l	94
40) Benzene	6.12	78	32816	2.383	ug/l	97
41) Methacrylonitrile	5.01	41	6749	2.291	ug/l	97
42) 1,2-Dichloroethane	6.17	62	12392	2.498	ug/l	98
43) Isopropyl Acetate	6.42	43	20118	2.312	ug/l	99
44) Trichloroethene	7.19	130	12023	2.458	ug/l	97
45) 1,2-Dichloropropane	7.49	63	8417	2.416	ug/l	97
46) Dibromomethane	7.64	93	5502	2.324	ug/l	99
47) Bromodichloromethane	7.88	83	10961	2.273	ug/l	97
48) Methyl methacrylate	7.75	41	9204	2.232	ug/l	98
49) 1,4-Dioxane	7.71	88	4669	47.210	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	60393	11.341	ug/l	98
52) Toluene	8.77	92	20841	2.428	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	13092	2.277	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	13224	2.202	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	7894	2.338	ug/l	92
56) Ethyl methacrylate	9.16	69	12044	2.185	ug/l	99
57) 1,3-Dichloropropane	9.35	76	14031	2.381	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	31839	10.850	ug/l	98
59) 2-Hexanone	9.48	43	46167	11.039	ug/l	99
60) Dibromochloromethane	9.57	129	8371	2.251	ug/l	99
61) 1,2-Dibromoethane	9.65	107	8311	2.272	ug/l	98
64) Tetrachloroethene	9.32	164	13169	2.465	ug/l	97
65) Chlorobenzene	10.12	112	21636	2.375	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	7862	2.335	ug/l	95
67) Ethyl Benzene	10.24	91	37081	2.281	ug/l	96
68) m/p-Xylenes	10.34	106	28495	4.679	ug/l	98
69) o-Xylene	10.68	106	13996	2.391	ug/l	94
70) Styrene	10.70	104	21888	2.204	ug/l	99
71) Bromoform	10.84	173	5609	2.044	ug/l #	99
73) Isopropylbenzene	11.00	105	35203	2.266	ug/l	99
74) N-amyl acetate	10.88	43	16641	2.297	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	6053	2.210	ug/l	94
76) 1,2,3-Trichloropropane	11.28	75	14794	3.053	ug/l	86
77) Bromobenzene	11.24	156	9567	2.386	ug/l	98
78) n-propylbenzene	11.34	91	41342	2.288	ug/l	99
79) 2-Chlorotoluene	11.40	91	24960	2.340	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	29348	2.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	4123	2.028	ug/l	95
82) 4-Chlorotoluene	11.49	91	29326	2.328	ug/l	100
83) tert-Butylbenzene	11.76	119	25192	2.229	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	29907	2.256	ug/l	99
85) sec-Butylbenzene	11.93	105	34722	2.275	ug/l	99
86) p-Isopropyltoluene	12.05	119	32471	2.292	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	16300	2.264	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	17067	2.336	ug/l	87
89) n-Butylbenzene	12.37	91	27412	2.118	ug/l	100
90) Hexachloroethane	12.58	117	5075	2.086	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	16124	2.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2833	2.218	ug/l	94

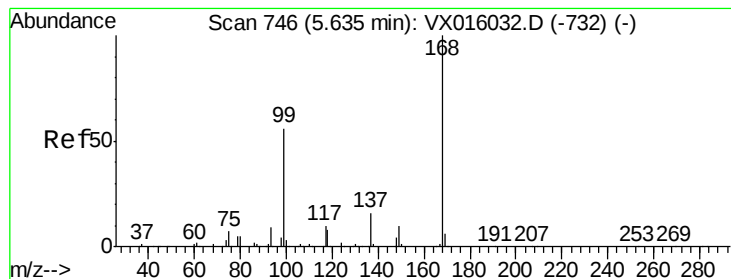
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Quant Title : SW846 8260
QLast Update : Thu May 07 07:43:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	11416	2.225	ug/l	98
94) Hexachlorobutadiene	13.77	225	4898	2.064	ug/l	99
95) Naphthalene	13.82	128	35963	2.164	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	10994	2.192	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

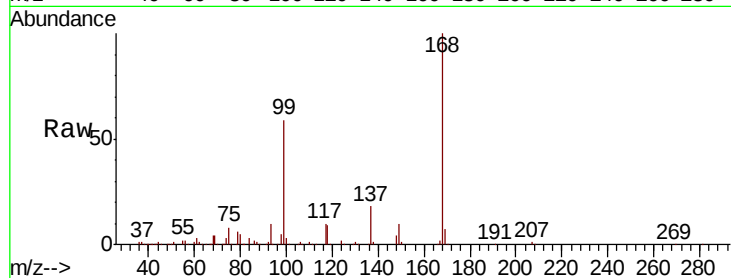
ClientSampled :

Tot Ion:168 Resp: 295959

Ion Ratio Lower Upper

168 100

99 58.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

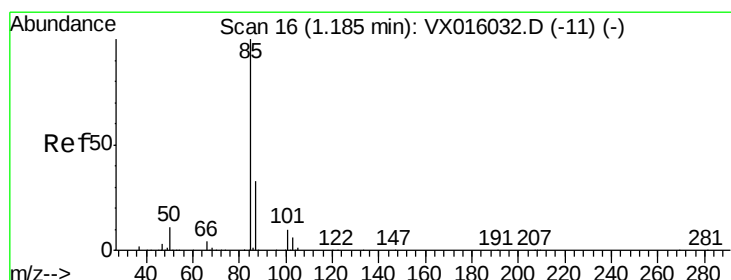
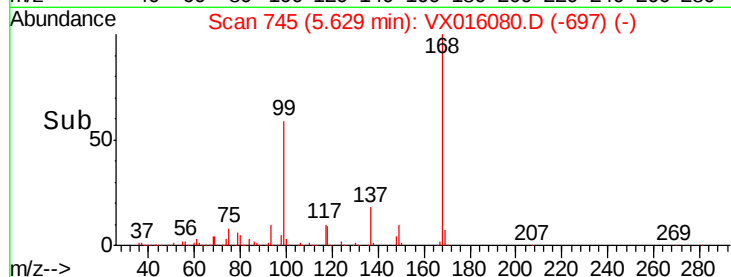
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.241 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016080.D

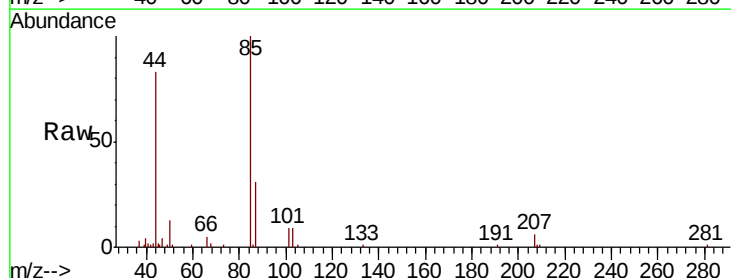
Acq: 06 May 2020 13:50

Tgt Ion: 85 Resp: 7021

Ion Ratio Lower Upper

85 100

87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

8000

6000

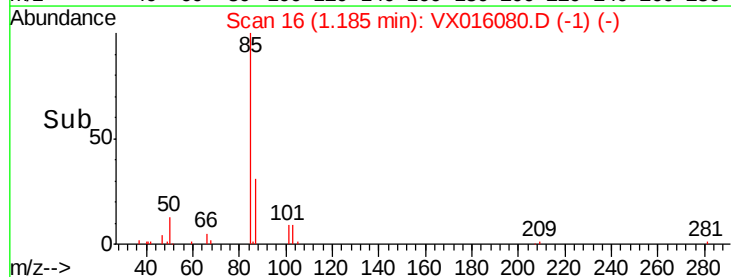
4000

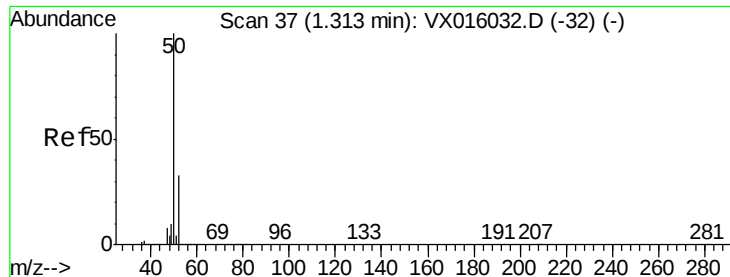
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 2.417 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

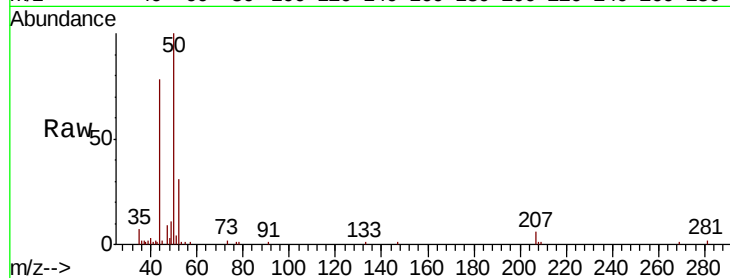
ClientSampleId :

Tot Ion: 50 Resp: 8793

Ion Ratio Lower Upper

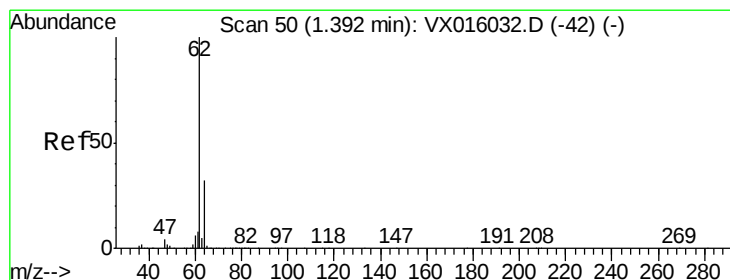
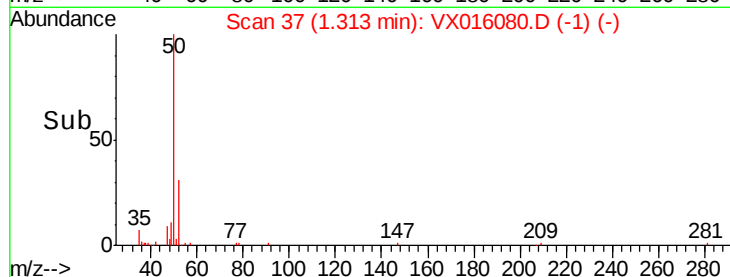
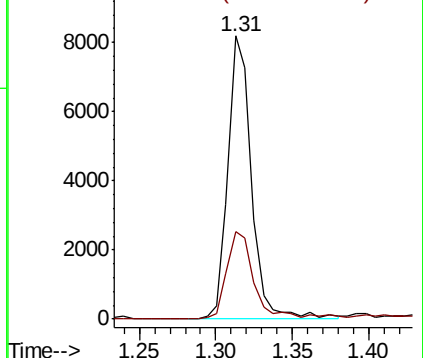
50 100

52 31.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.370 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016080.D

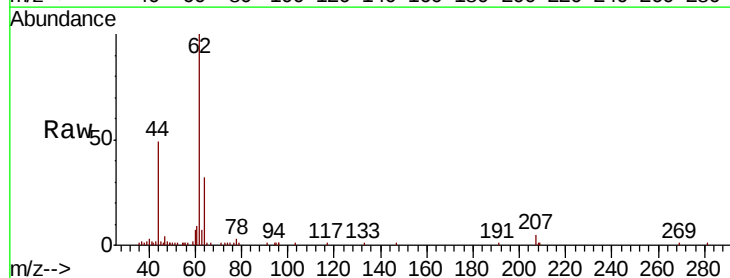
Acq: 06 May 2020 13:50

Tgt Ion: 62 Resp: 9200

Ion Ratio Lower Upper

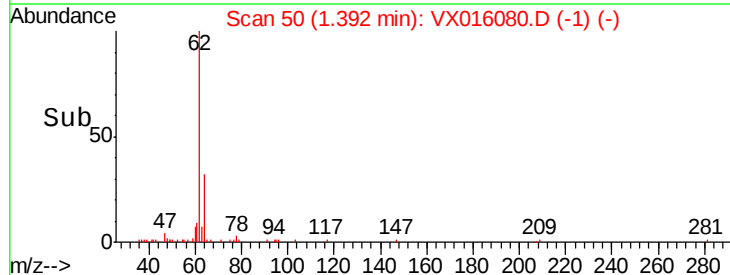
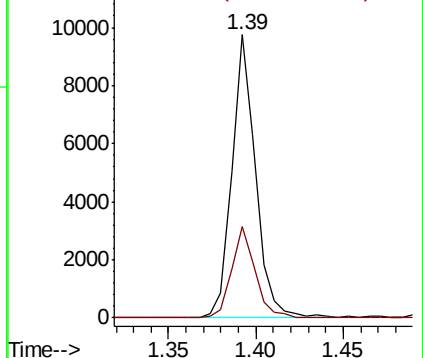
62 100

64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 3.465 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

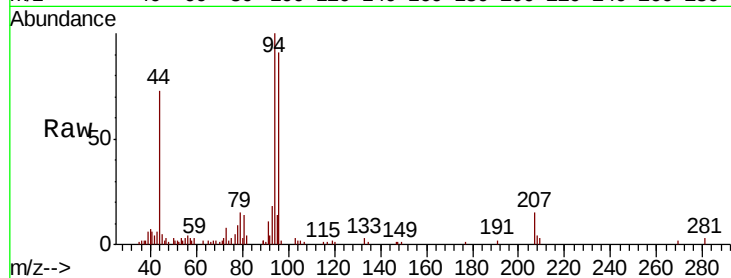
ClientSampleId :

Tot Ion: 94 Resp: 6781

Ion Ratio Lower Upper

94 100

96 89.3 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

5000

4000

3000

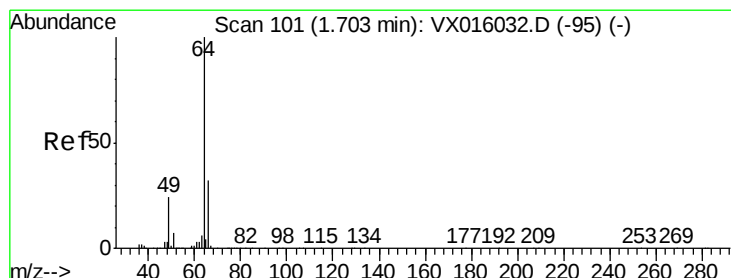
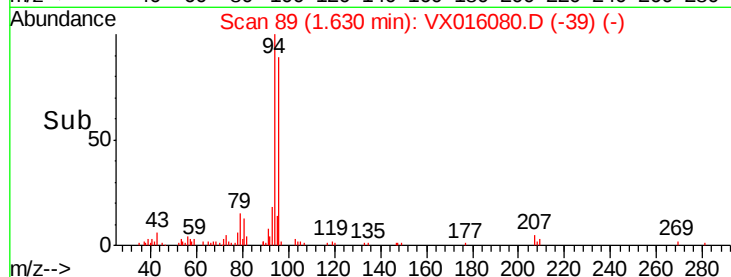
2000

1000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 2.472 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016080.D

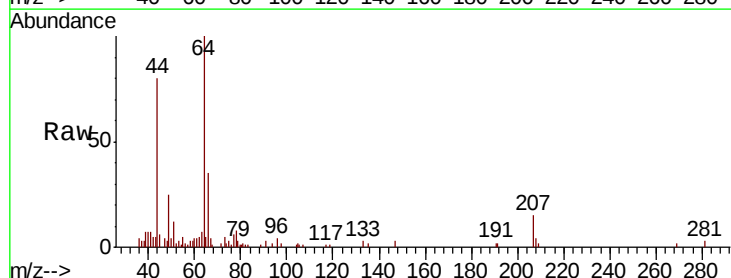
Acq: 06 May 2020 13:50

Tgt Ion: 64 Resp: 5838

Ion Ratio Lower Upper

64 100

66 33.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

5000

4000

3000

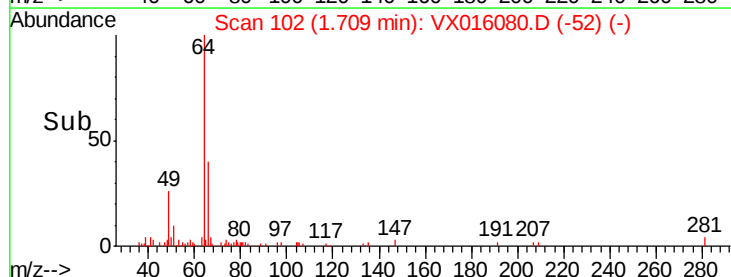
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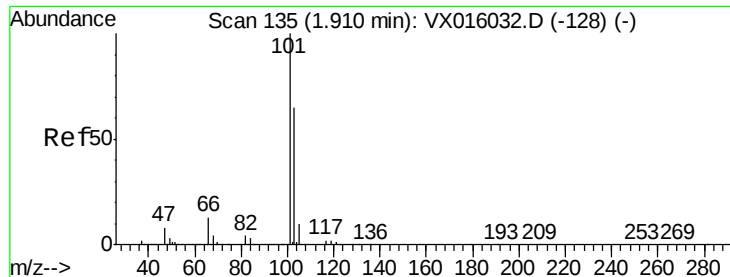
1000

0

Time-->

1.65 1.70 1.75



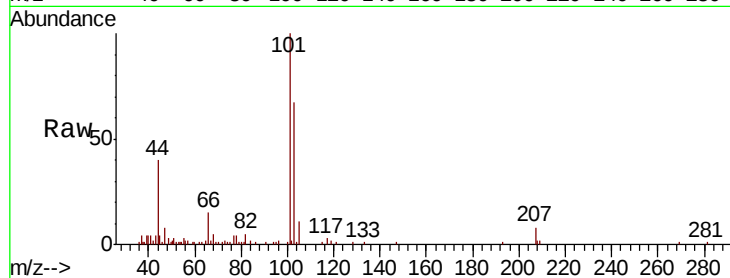


#7

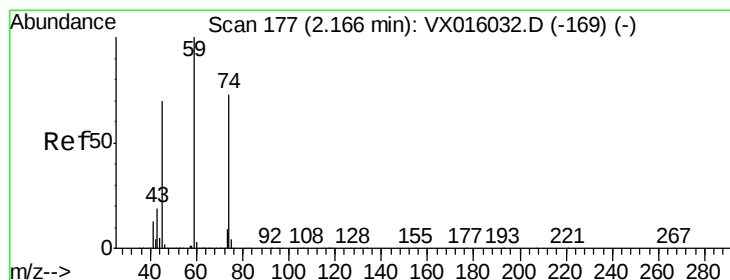
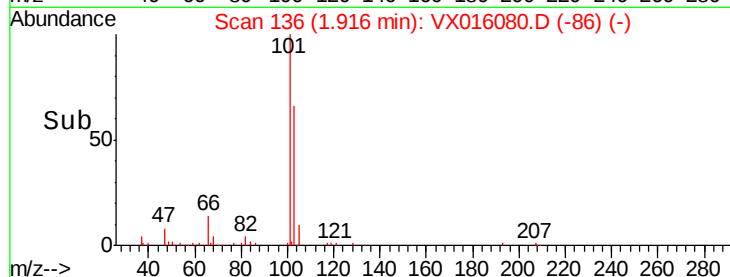
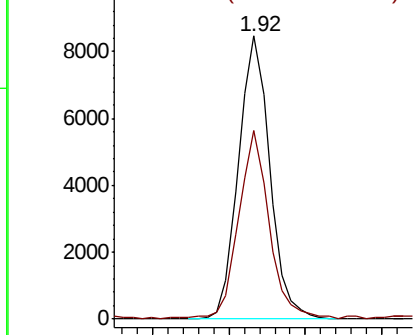
Trichlorofluoromethane
Concen: 2.366 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 12054
Ion Ratio Lower Upper
101 100
103 66.6 51.8 77.6



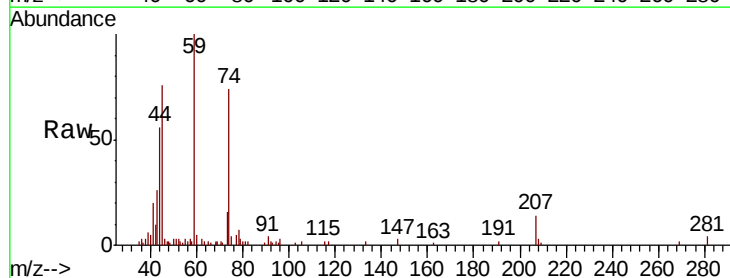
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



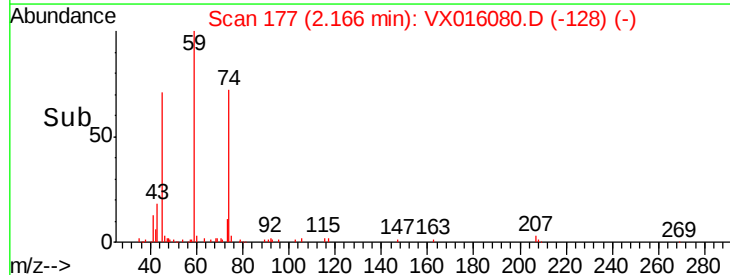
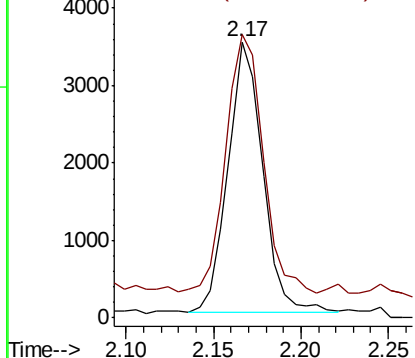
#8

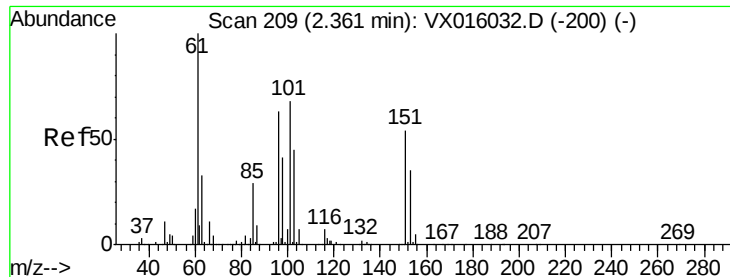
Diethyl Ether
Concen: 2.246 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion: 74 Resp: 4822
Ion Ratio Lower Upper
74 100
45 108.2 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.423 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

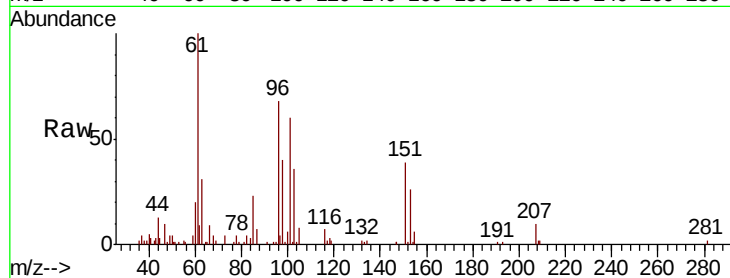
Tot Ion:101 Resp: 7124

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

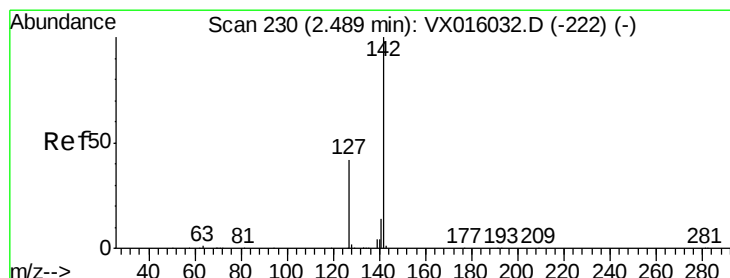
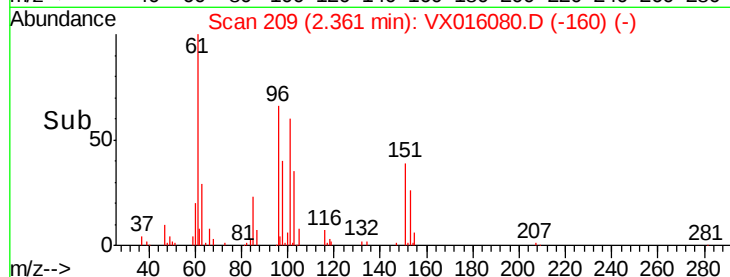
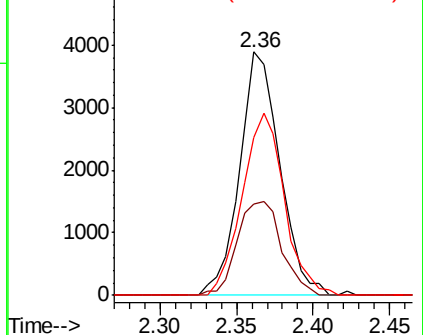
151 78.6 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.870 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

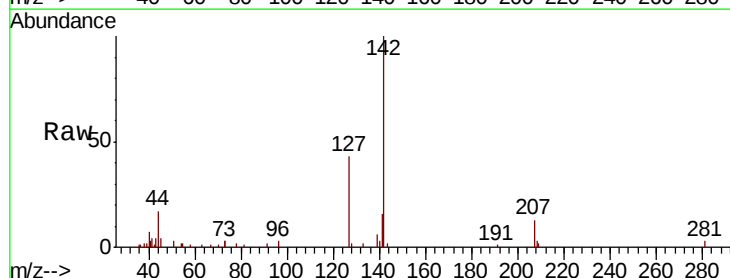
Tgt Ion:142 Resp: 7385

Ion Ratio Lower Upper

142 100

127 44.9 34.6 52.0

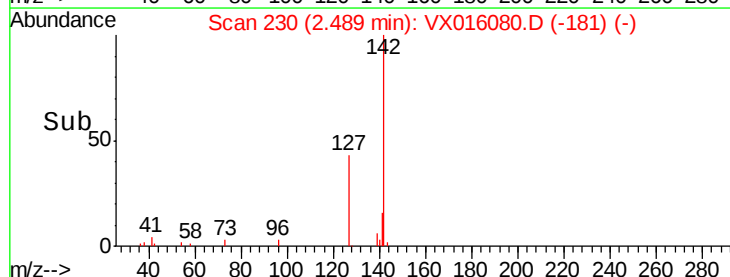
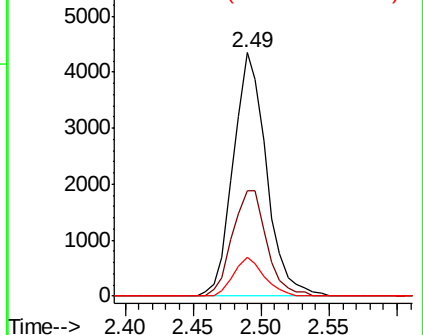
141 14.5 11.3 16.9

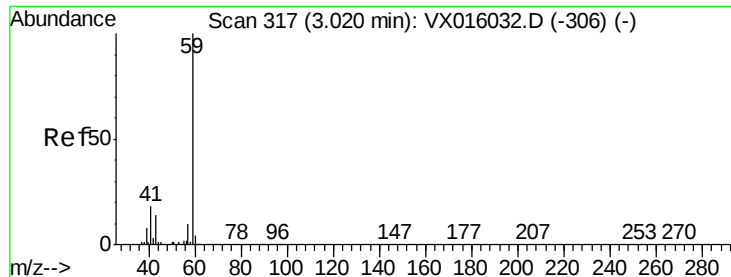


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



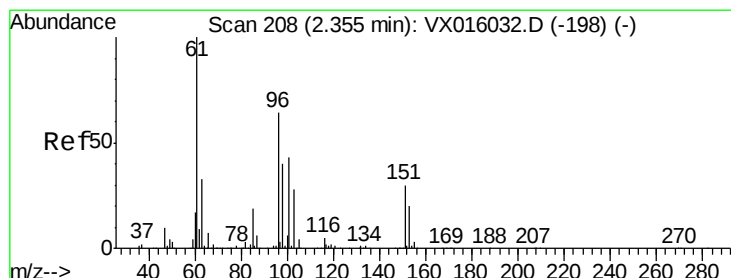
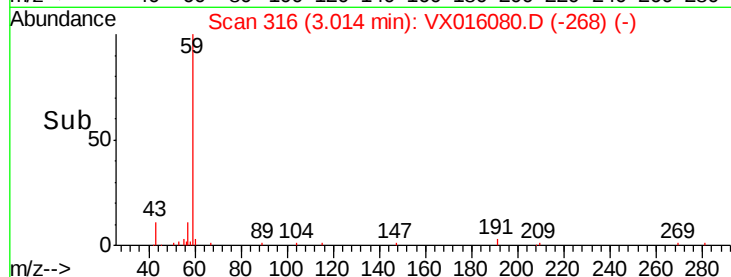
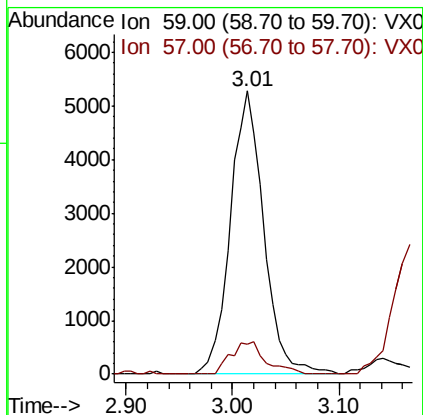
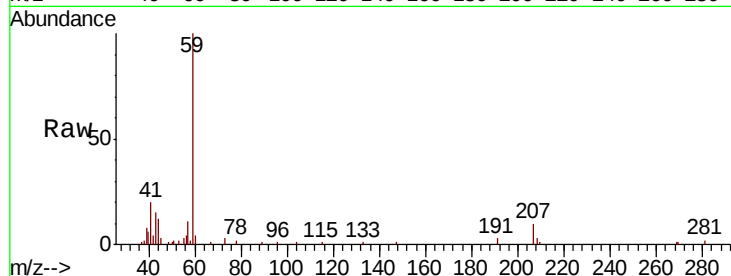


#11

Tert butyl alcohol
 Concen: 11.767 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Instrument :
 MSVOA_X
 ClientSampled :

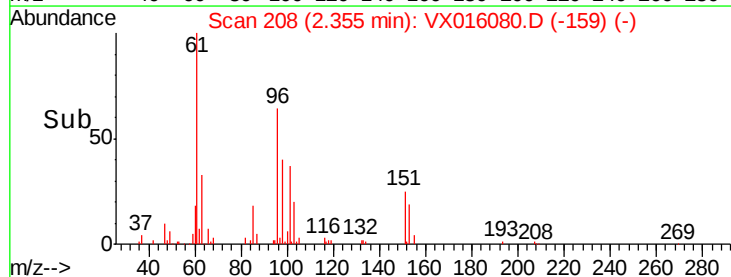
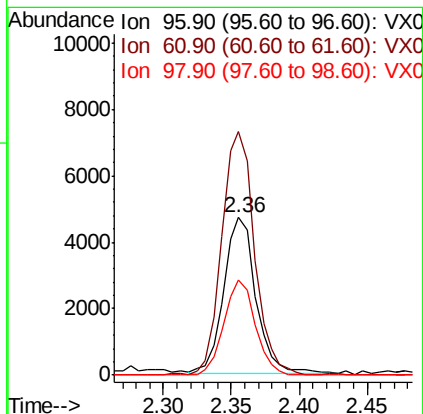
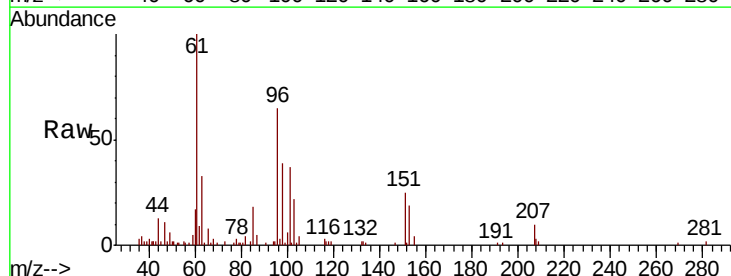
Tot Ion: 59 Resp: 11588
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 2.502 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion: 96 Resp: 7696
 Ion Ratio Lower Upper
 96 100
 61 156.3 124.8 187.2
 98 61.3 49.7 74.5





#13

Acrolein

Concen: 11.391 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

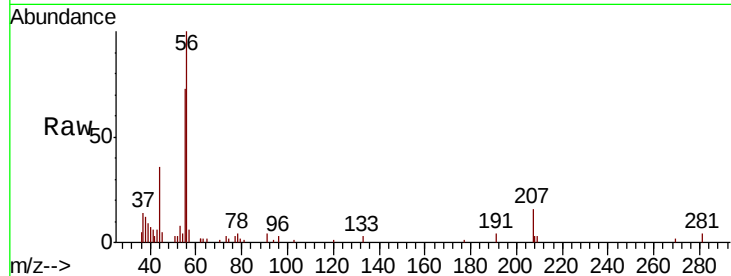
ClientSampleId :

Tot Ion: 56 Resp: 7020

Ion Ratio Lower Upper

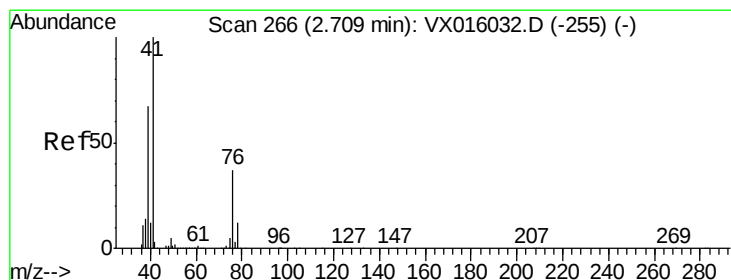
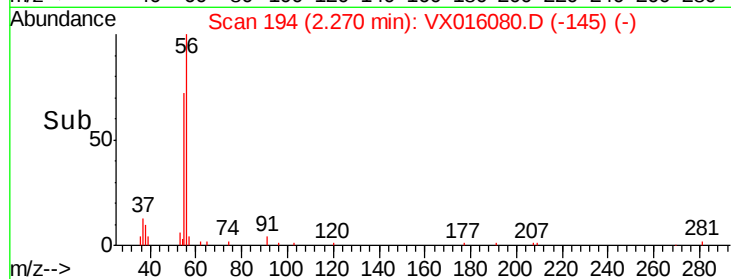
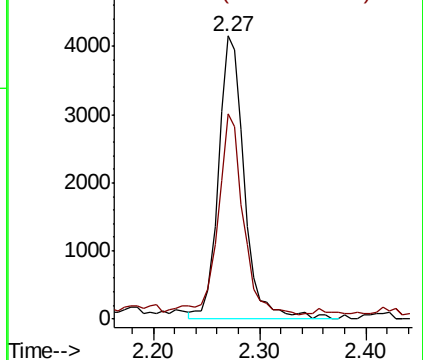
56 100

55 69.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 2.410 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

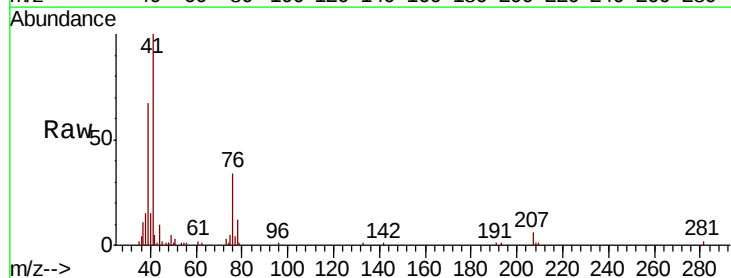
Tgt Ion: 41 Resp: 13593

Ion Ratio Lower Upper

41 100

39 61.9 50.5 75.7

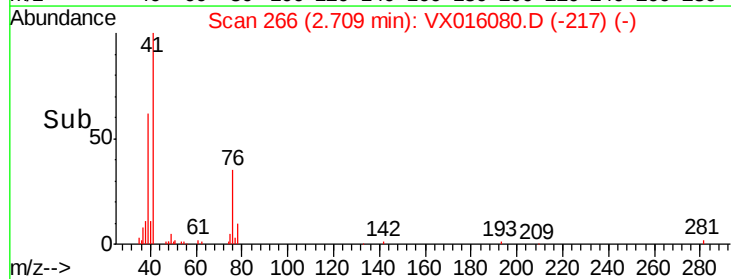
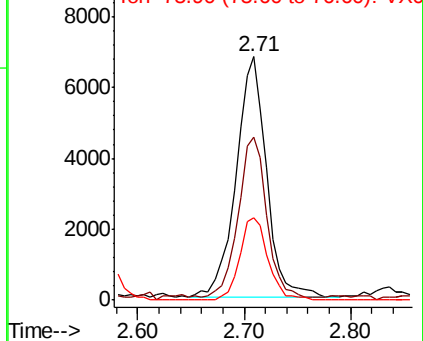
76 31.8 26.6 40.0

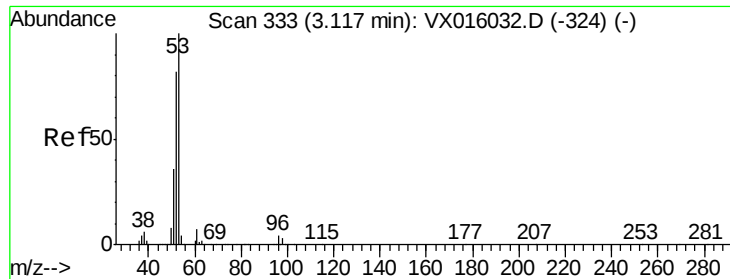


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 11.970 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

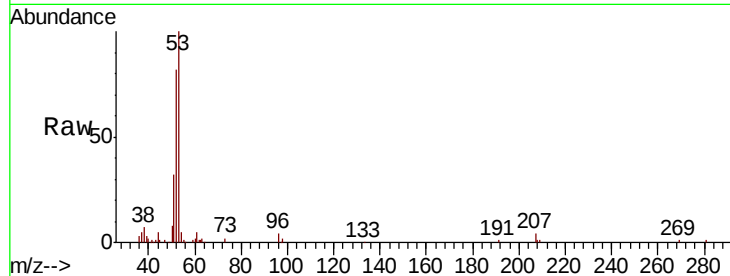
Tot Ion: 53 Resp: 24454

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

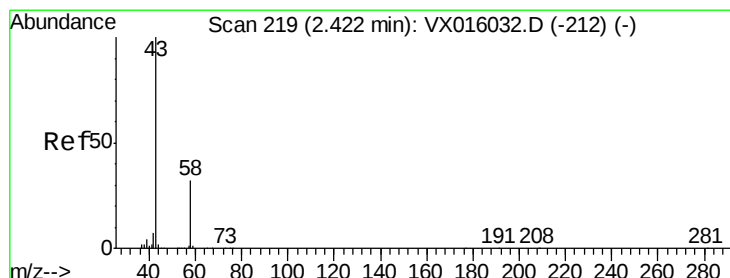
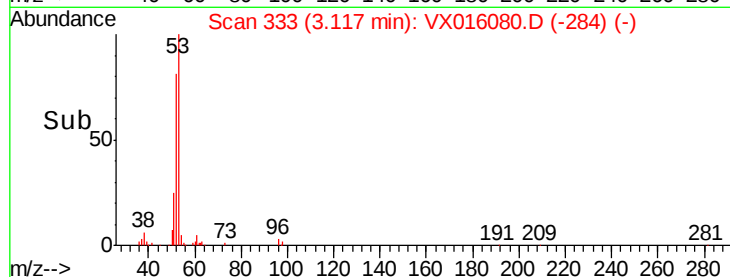
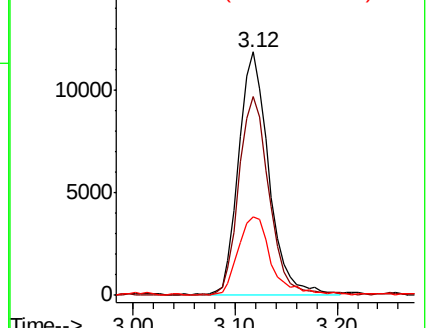
51 35.3 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 12.132 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016080.D

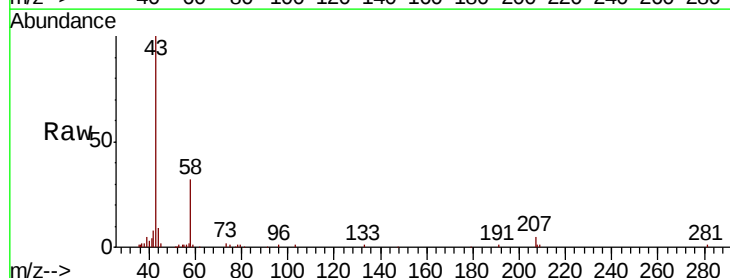
Acq: 06 May 2020 13:50

Tgt Ion: 43 Resp: 21081

Ion Ratio Lower Upper

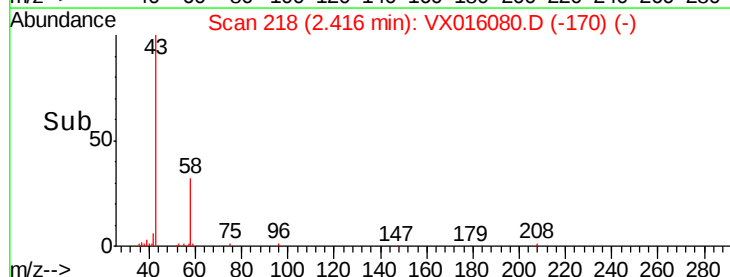
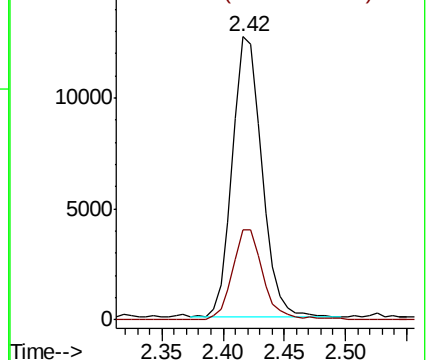
43 100

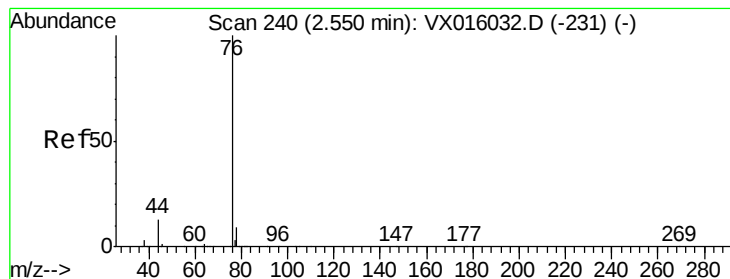
58 32.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2.249 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

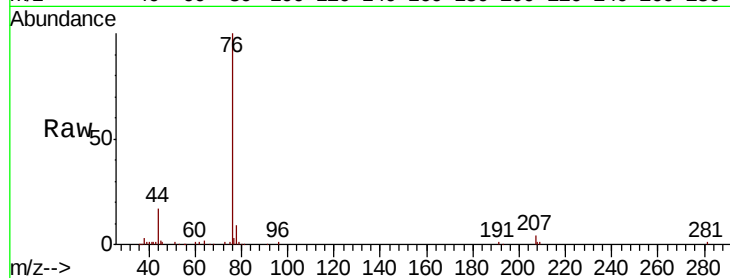
ClientSampleId :

Tot Ion: 76 Resp: 23558

Ion Ratio Lower Upper

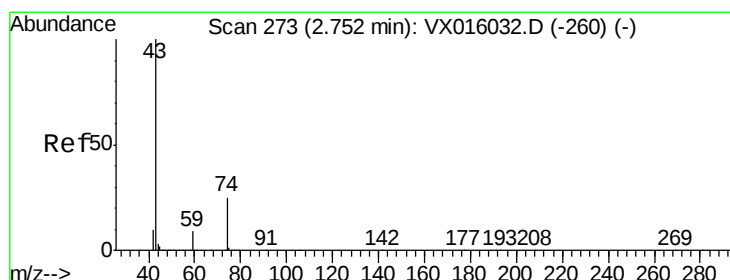
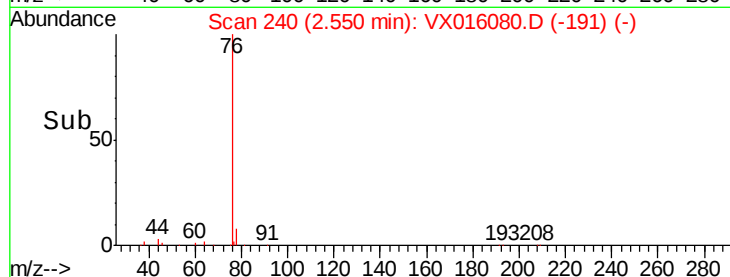
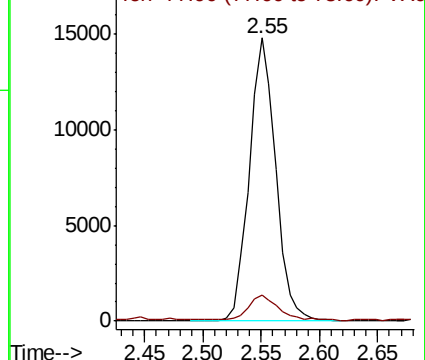
76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.392 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016080.D

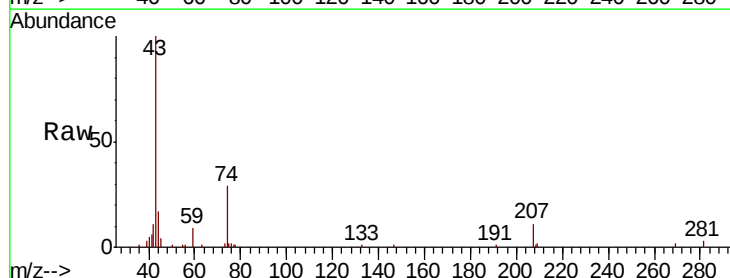
Acq: 06 May 2020 13:50

Tgt Ion: 43 Resp: 10219

Ion Ratio Lower Upper

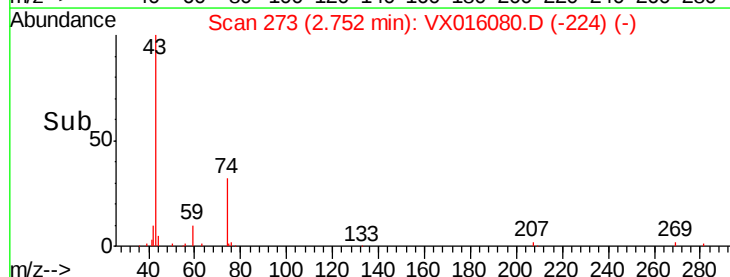
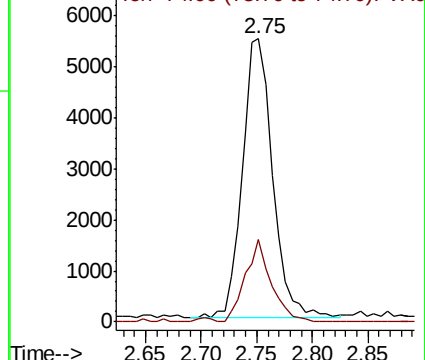
43 100

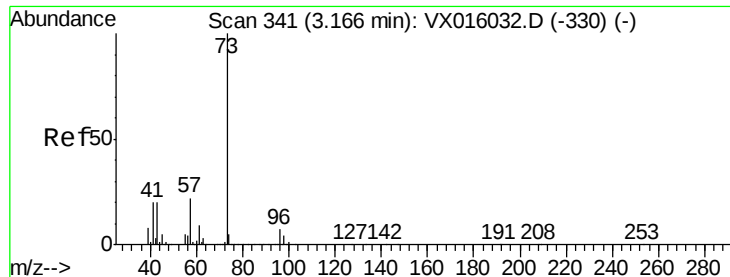
74 25.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



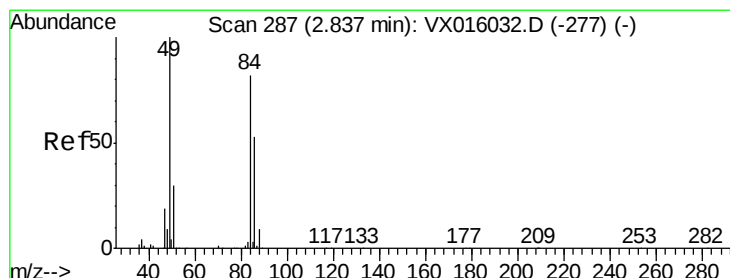
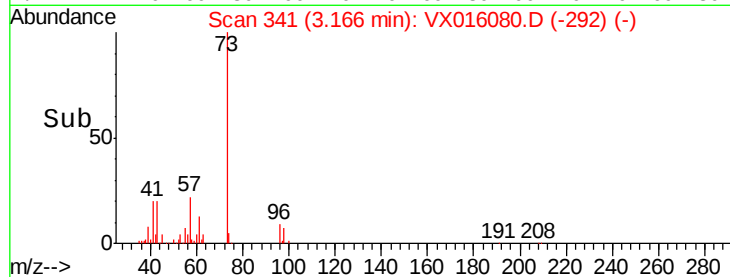
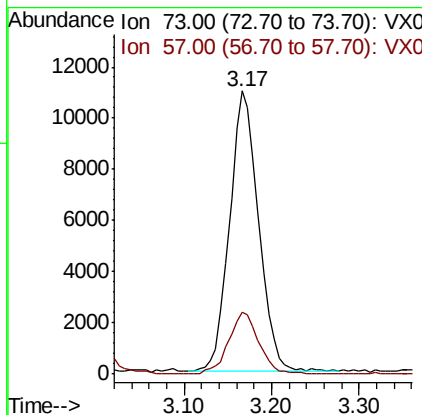
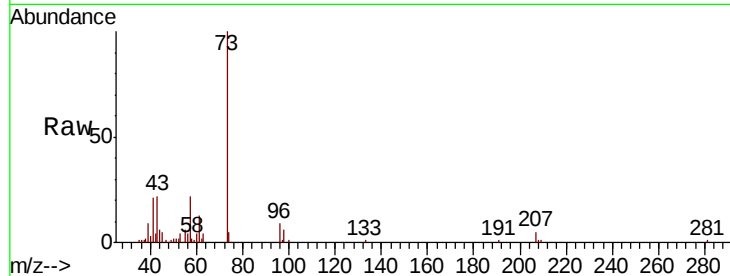


#19

Methyl tert-butyl Ether
 Concen: 2.389 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :

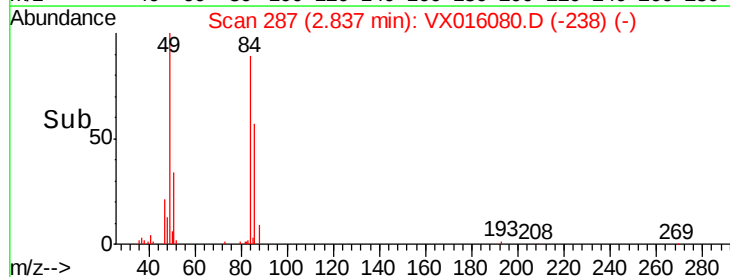
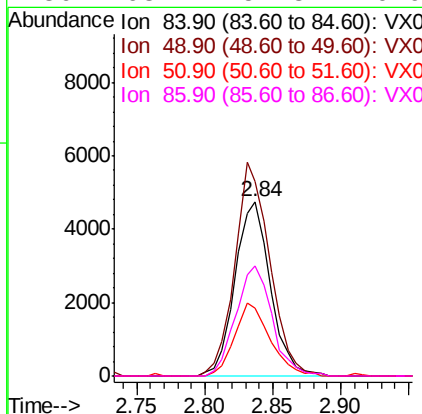
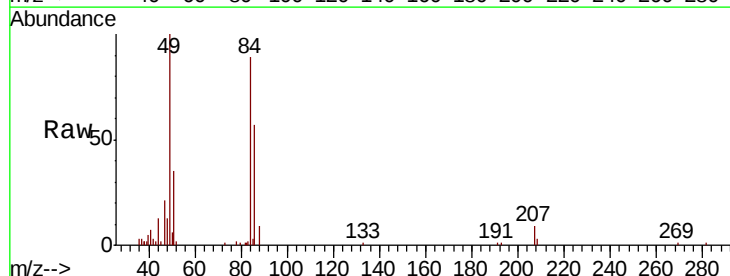
Tot Ion: 73 Resp: 25335
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6



#20

Methylene Chloride
 Concen: 2.406 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion: 84 Resp: 8618
 Ion Ratio Lower Upper
 84 100
 49 111.8 97.3 145.9
 51 39.0 29.3 43.9
 86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 2.487 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

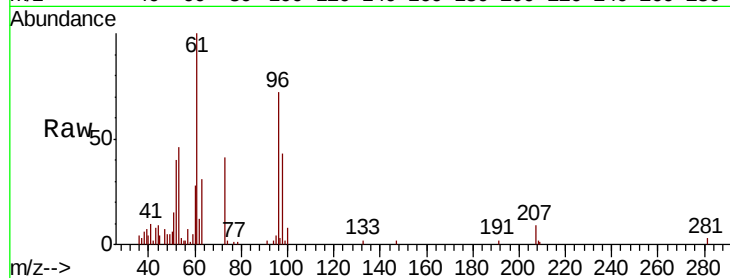
Tot Ion: 96 Resp: 8528

Ion Ratio Lower Upper

96 100

61 139.4 111.2 166.8

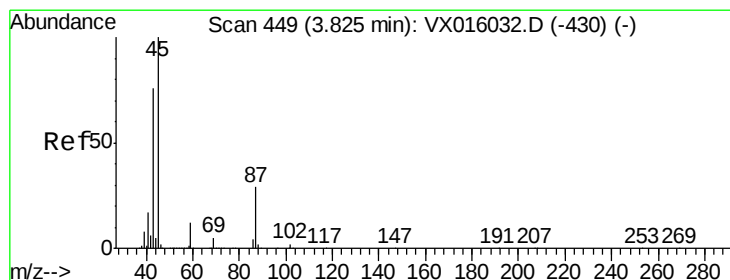
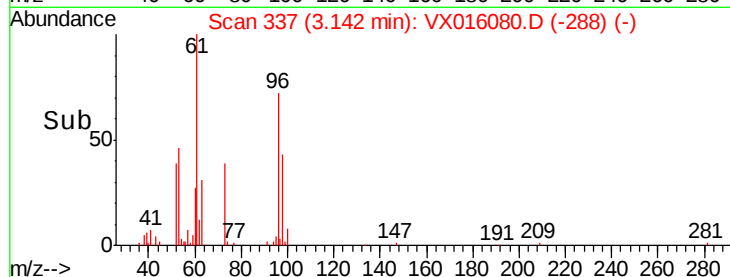
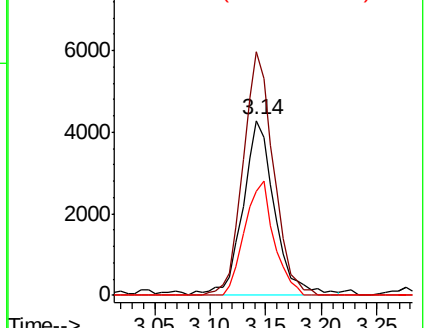
98 59.8 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.425 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Tgt Ion: 45 Resp: 25809

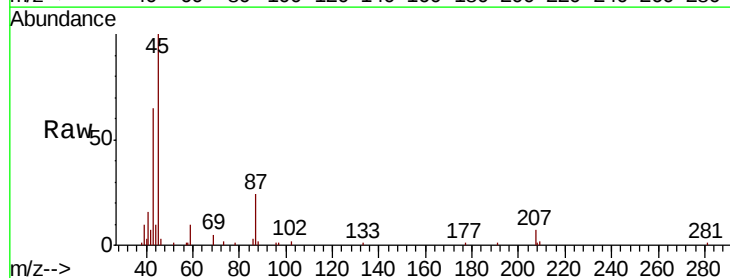
Ion Ratio Lower Upper

45 100

43 64.0 61.1 91.7

87 23.9 23.0 34.6

59 10.5 9.8 14.6

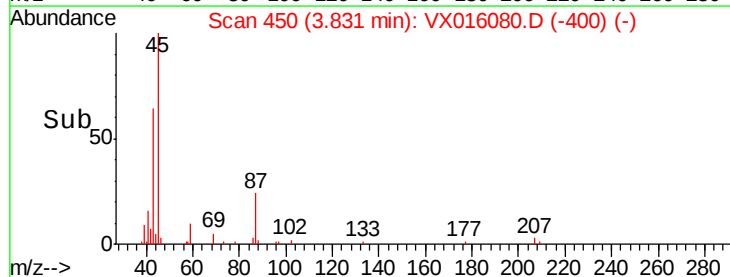
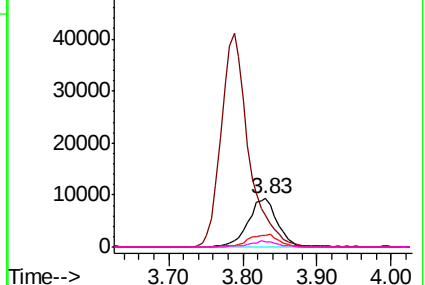


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

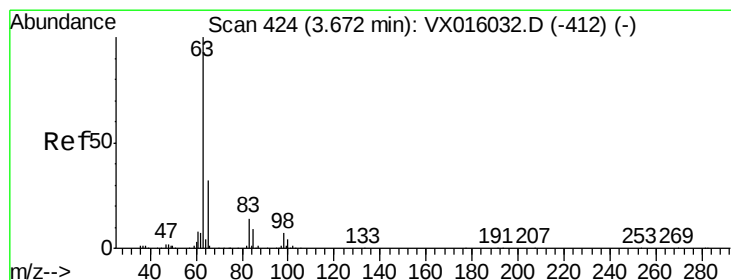
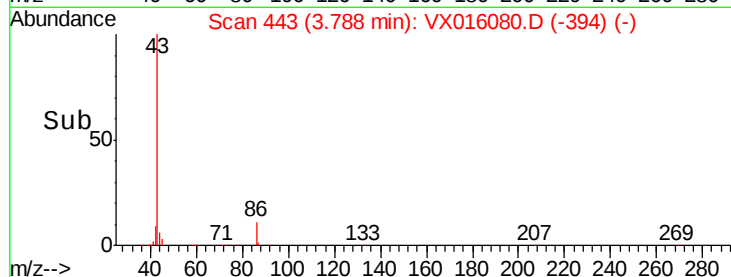
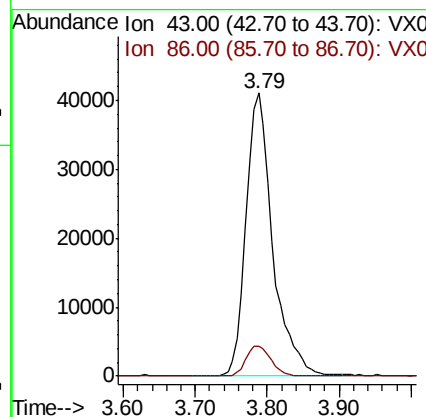
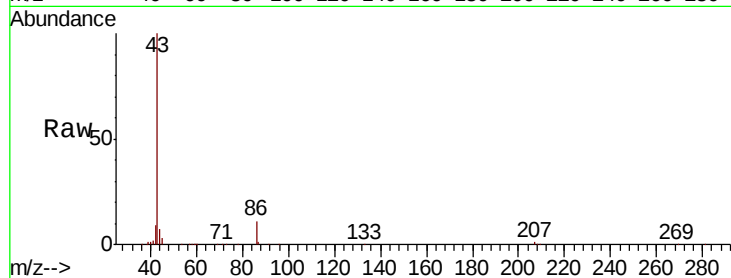




#23
 Vinyl Acetate
 Concen: 11.312 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

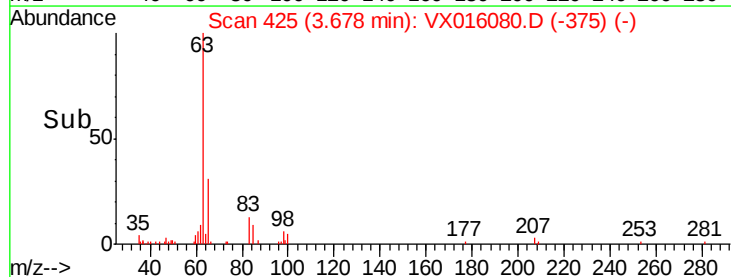
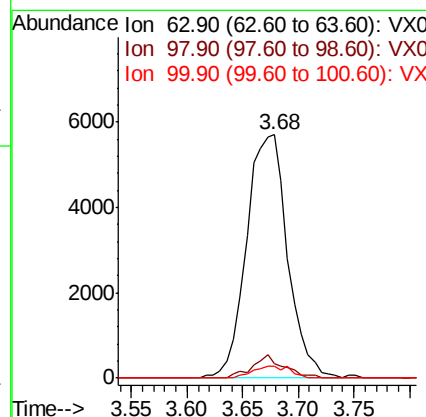
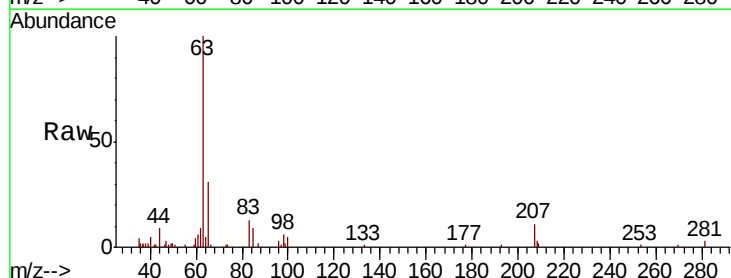
Instrument :
 MSVOA_X
 ClientSampleId :

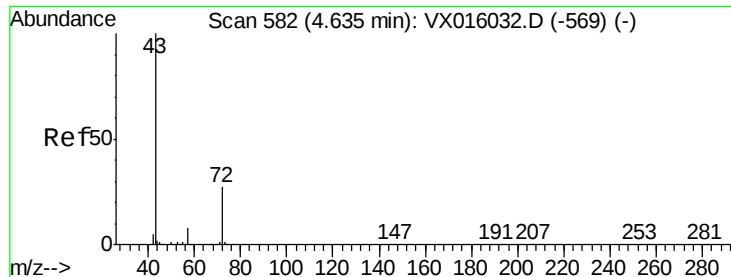
Tot Ion: 43 Resp: 105915
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 2.467 ug/l
 RT: 3.68 min Scan# 425
 Delta R.T. 0.01 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion: 63 Resp: 14688
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.5
 100 4.9 2.1 6.5

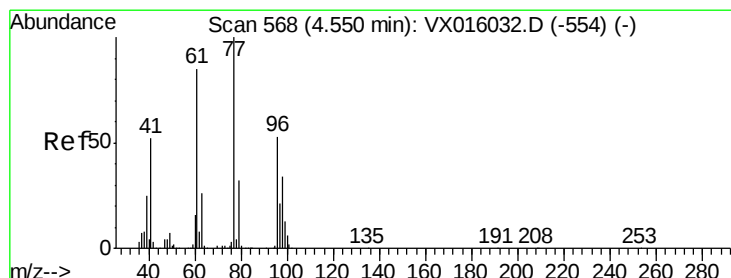
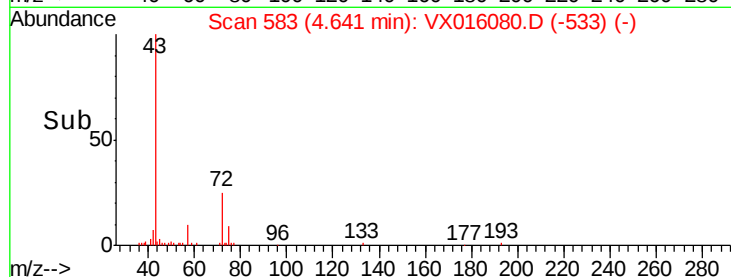
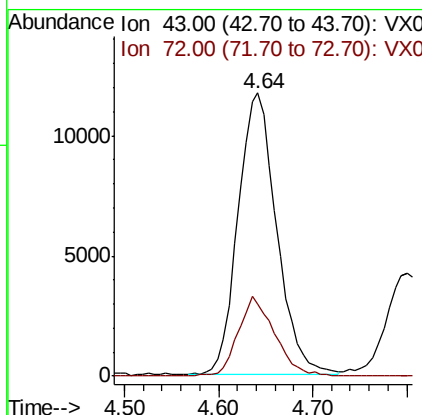
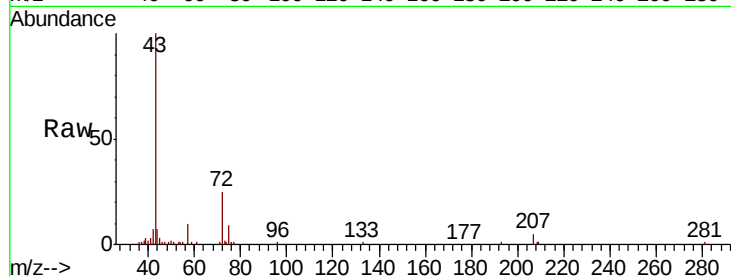




#25
2-Butanone
Concen: 12.024 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

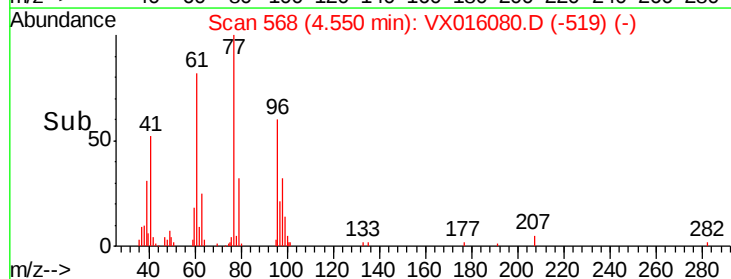
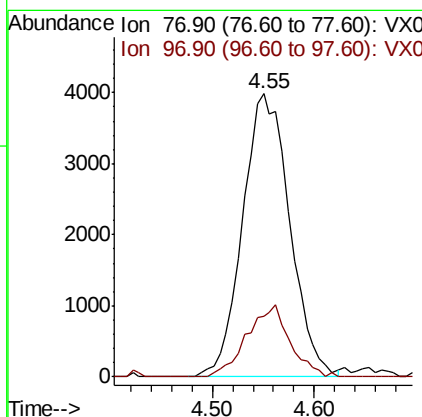
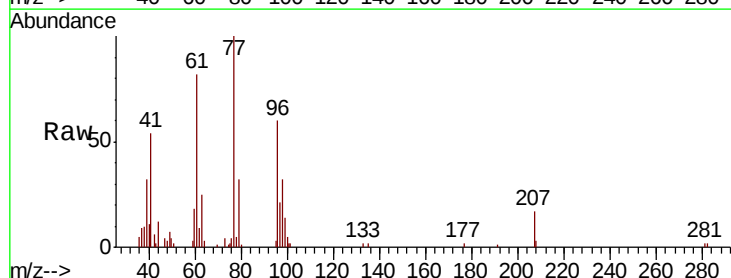
Instrument :
MSVOA_X
ClientSampleId :

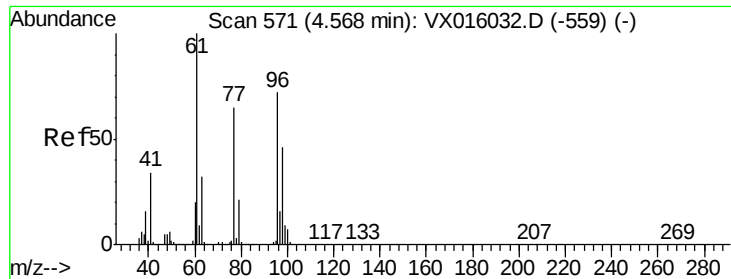
Tot Ion: 43 Resp: 33670
Ion Ratio Lower Upper
43 100
72 25.4 21.8 32.8



#26
2,2-Dichloropropane
Concen: 2.353 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion: 77 Resp: 12793
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6



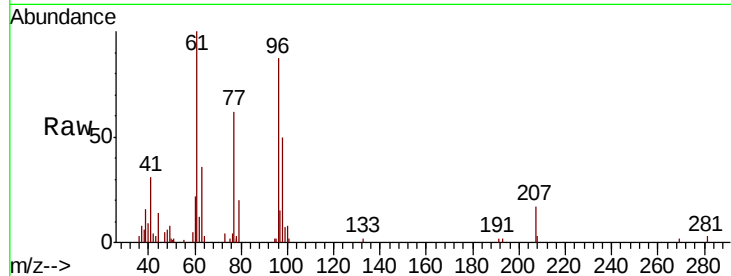


#27

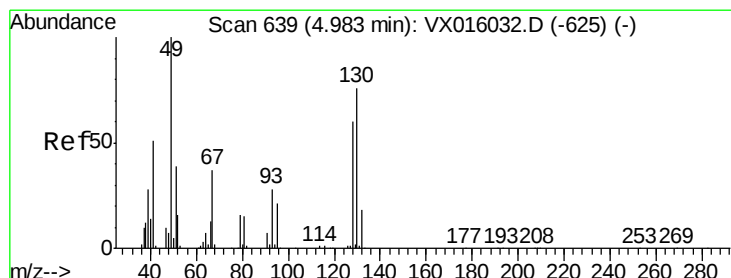
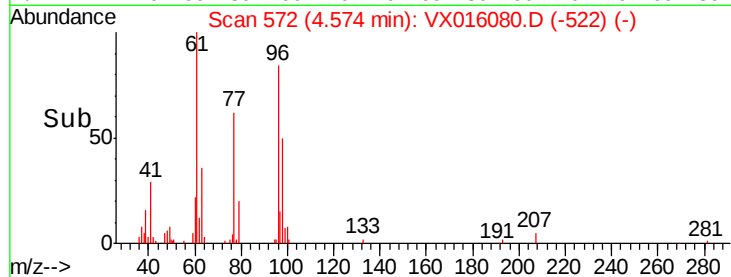
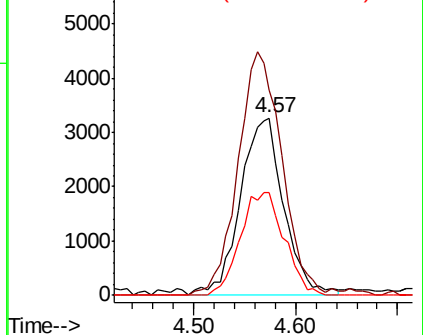
cis-1,2-Dichloroethene
 Concen: 2.581 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	296.2
98	58.6	0.0	129.4



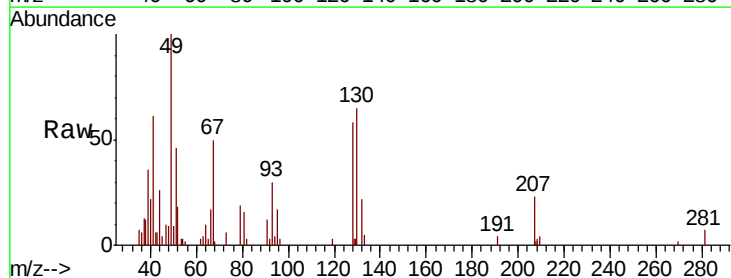
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



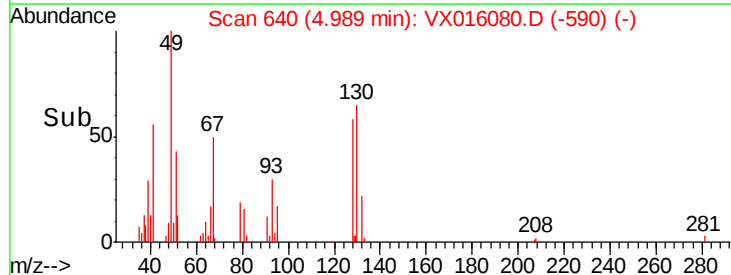
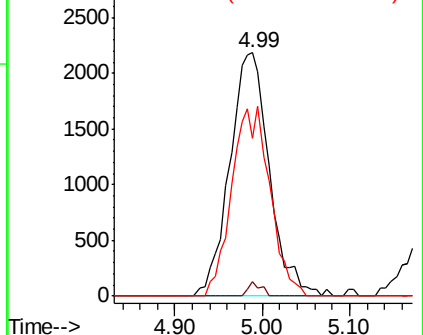
#28

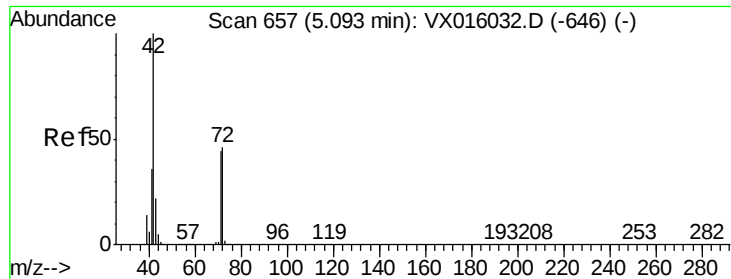
Bromochloromethane
 Concen: 2.534 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	74.6	62.4	93.6



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

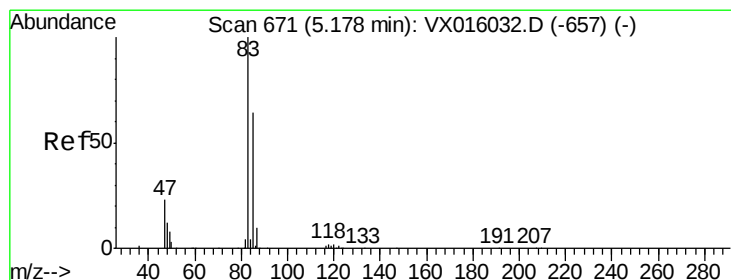
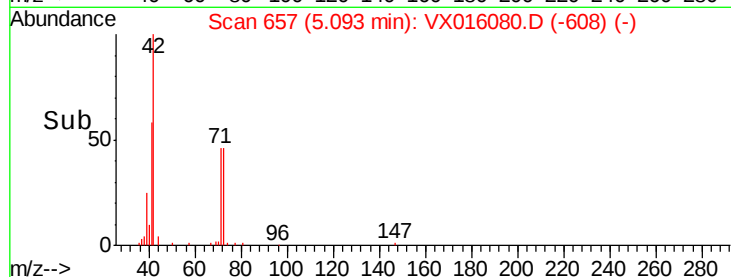
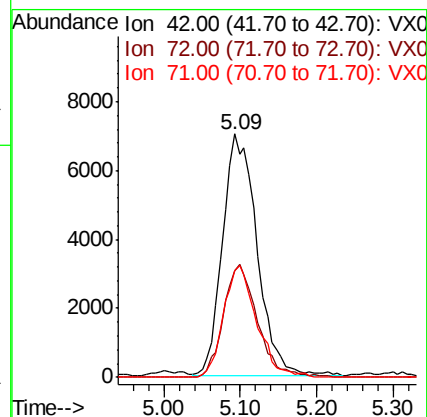
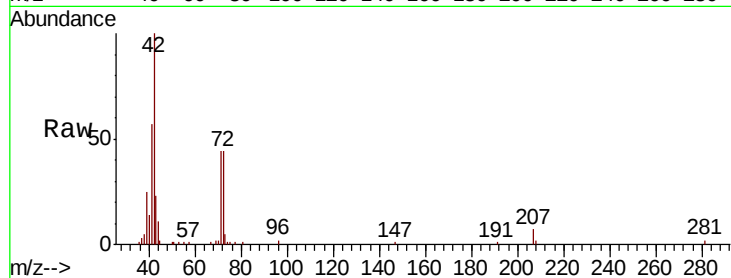




#29
Tetrahydrofuran
Concen: 11.787 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

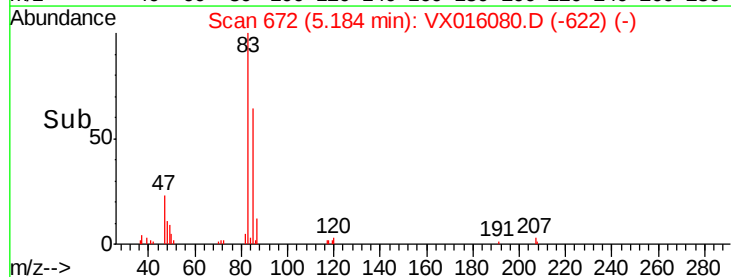
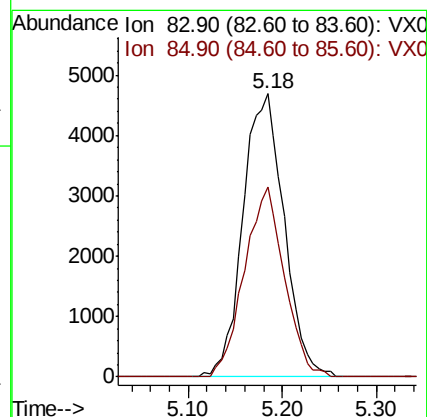
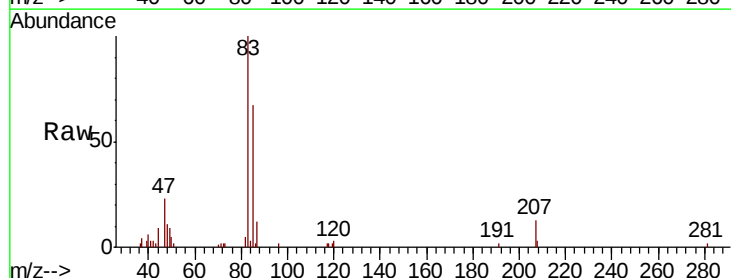
Instrument :
MSVOA_X
ClientSampleId :

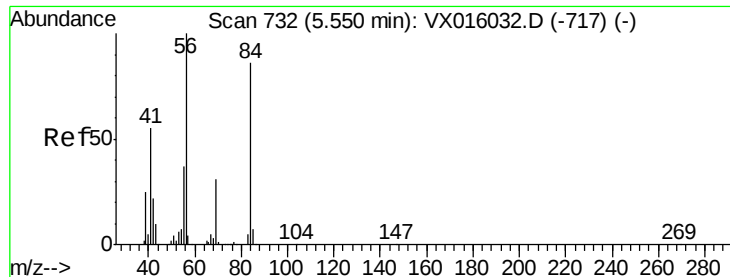
Tot Ion: 42 Resp: 21870
Ion Ratio Lower Upper
42 100
72 45.6 37.1 55.7
71 44.3 34.5 51.7



#30
Chloroform
Concen: 2.414 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion: 83 Resp: 14311
Ion Ratio Lower Upper
83 100
85 67.1 51.6 77.4

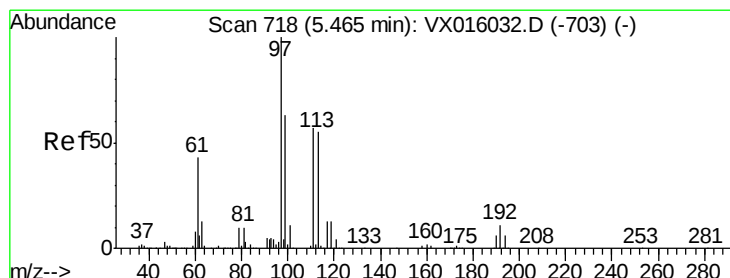
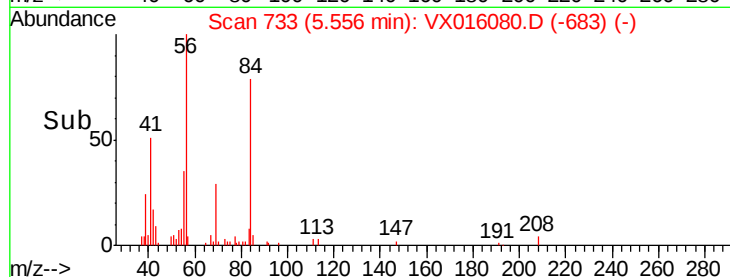
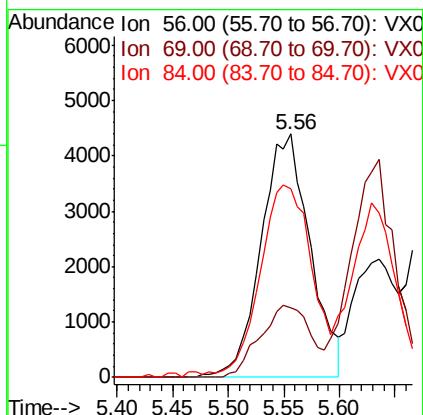
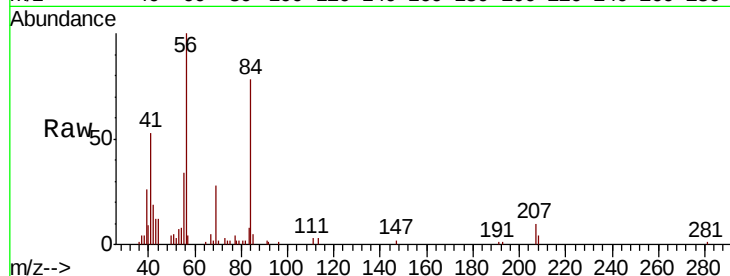




#31
Cyclohexane
Concen: 2.483 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

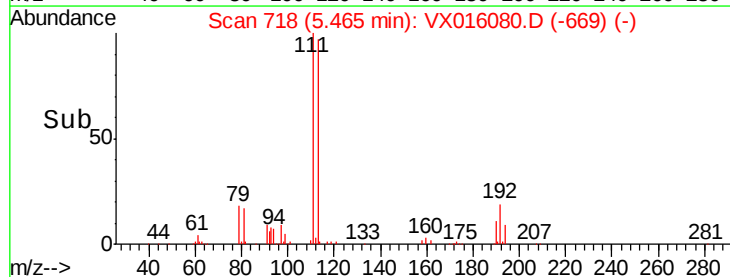
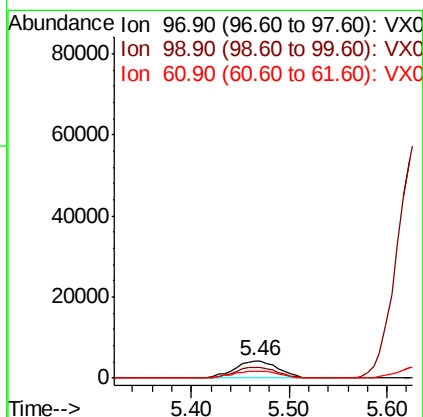
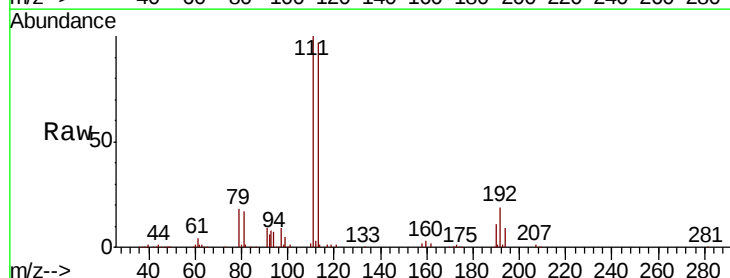
Instrument :
MSVOA_X
ClientSampled :

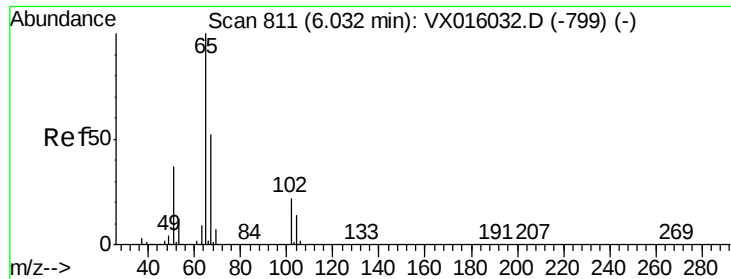
Tot Ion: 56 Resp: 13433
Ion Ratio Lower Upper
56 100
69 28.5 25.0 37.6
84 75.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 2.471 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion: 97 Resp: 13314
Ion Ratio Lower Upper
97 100
99 61.5 51.0 76.4
61 43.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.725 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

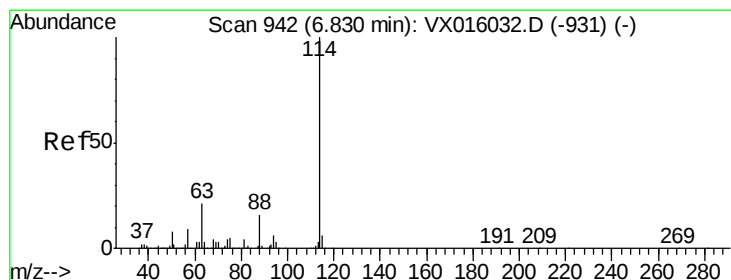
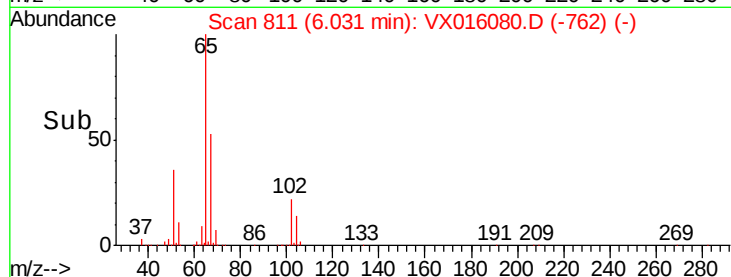
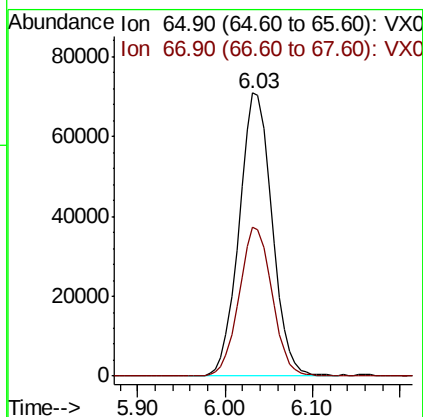
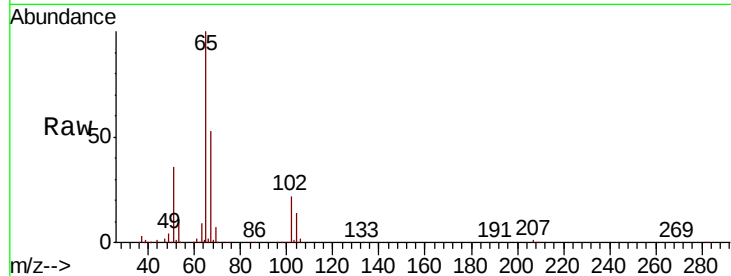
ClientSampleId :

Tot Ion: 65 Resp: 185864

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

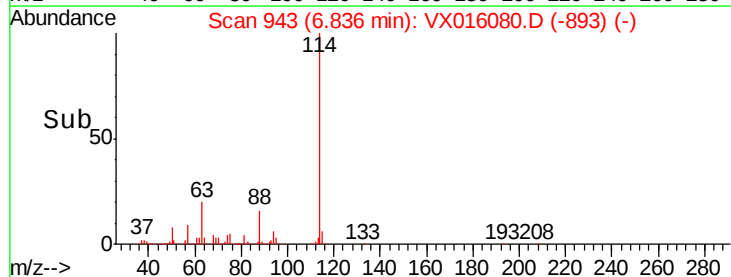
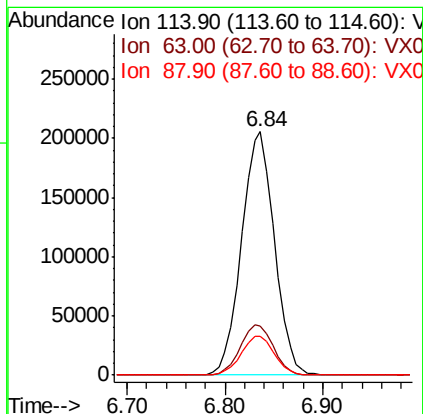
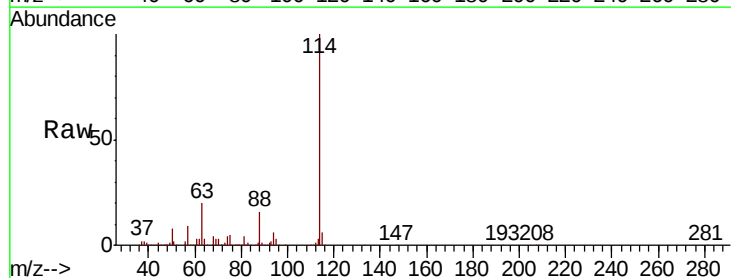
Tgt Ion: 114 Resp: 478062

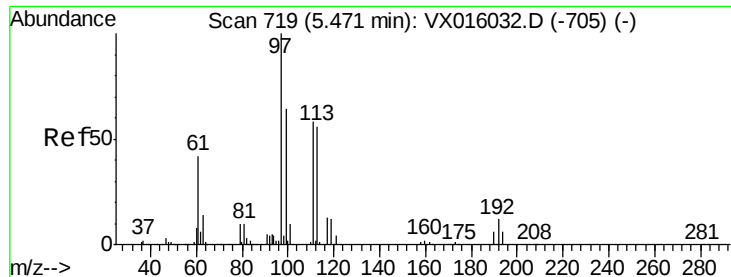
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 15.7 0.0 31.4

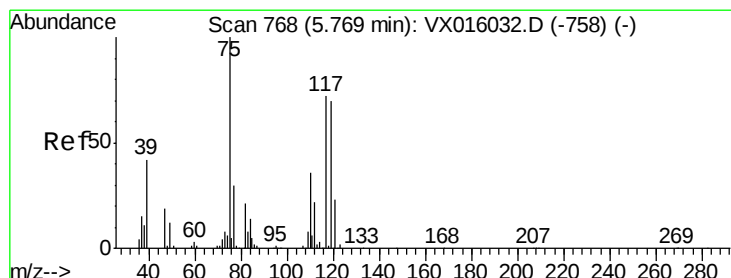
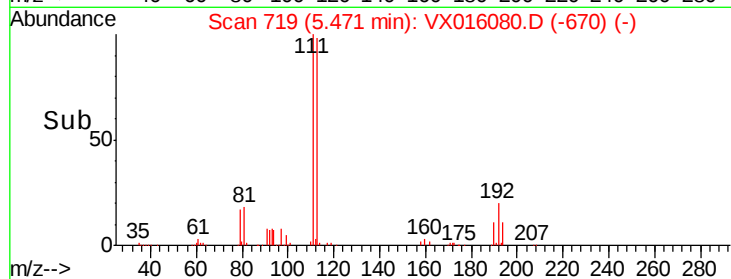
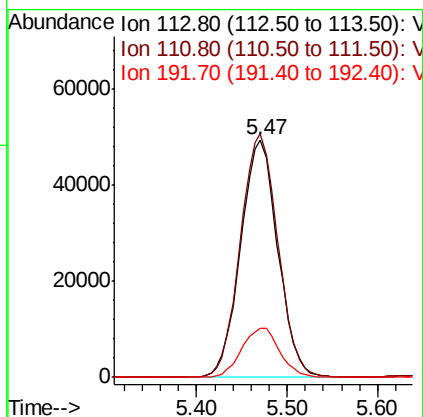
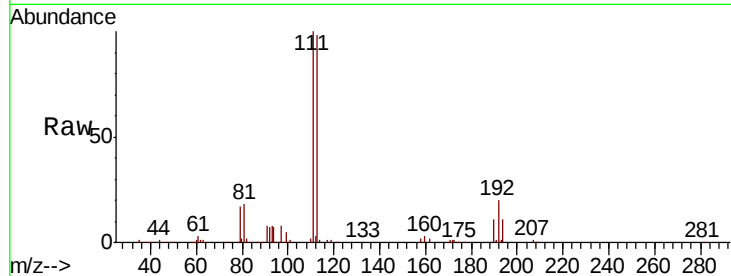




#35
 Dibromofluoromethane
 Concen: 46.419 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

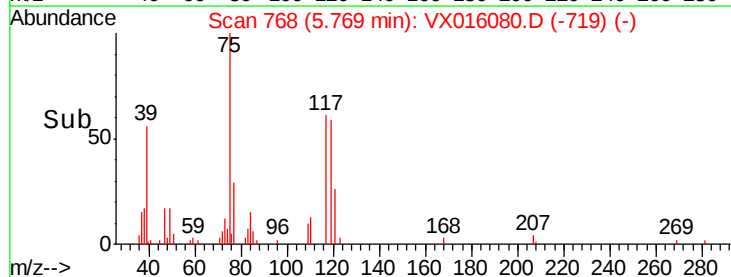
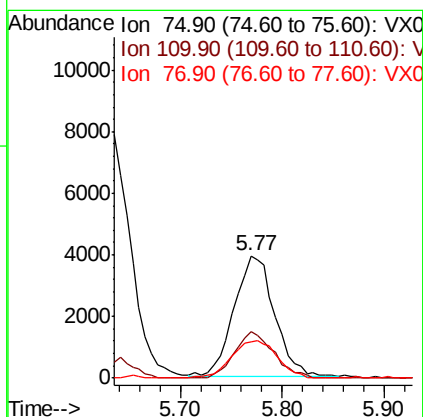
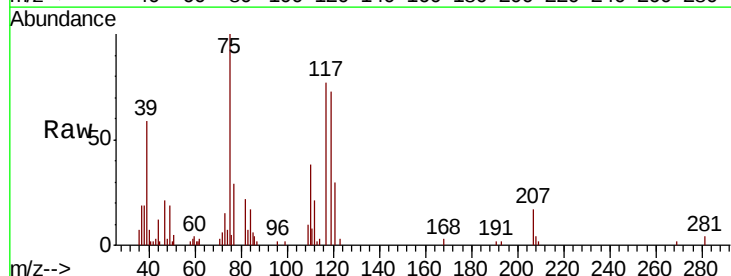
Instrument :
 MSVOA_X
 ClientSampleId :

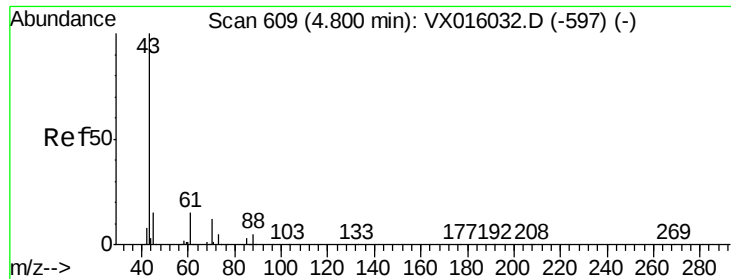
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.6	122.4
192	21.3	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 2.289 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.1
77	35.2	25.0	37.6

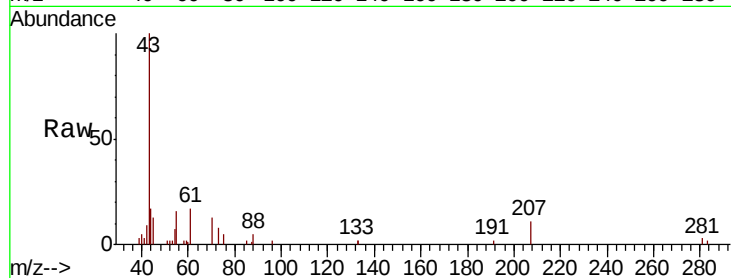




#37
Ethyl Acetate
Concen: 2.304 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	43	Resp	12566
Ion Ratio	Lower	Upper	
43	100		
61	16.6	11.7	17.5
70	13.9	9.3	13.9

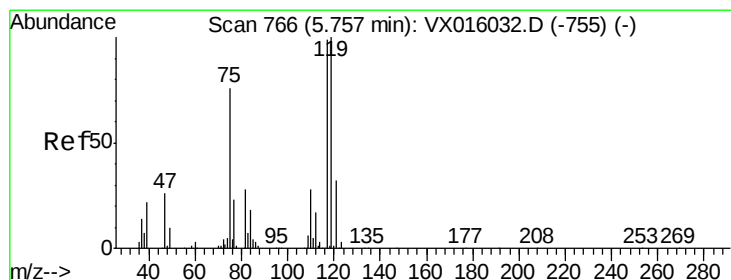
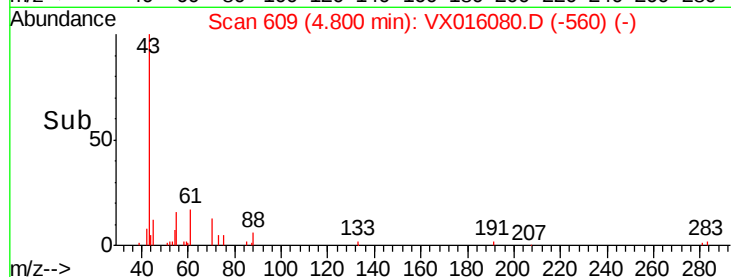
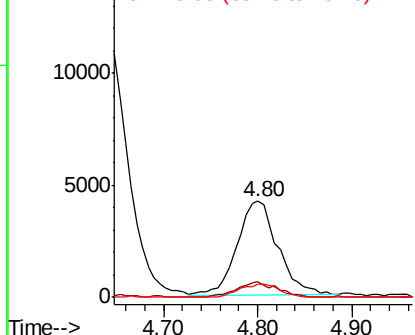


Abundance

Ion 43.00 (42.70 to 43.70): VX0

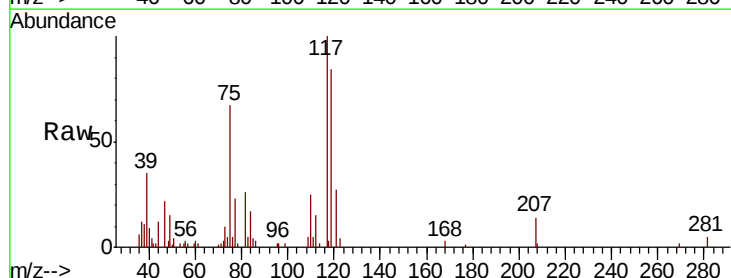
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 2.413 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion	117	Resp	11543
Ion Ratio	Lower	Upper	
117	100		
119	83.9	80.3	120.5
121	27.2	25.7	38.5

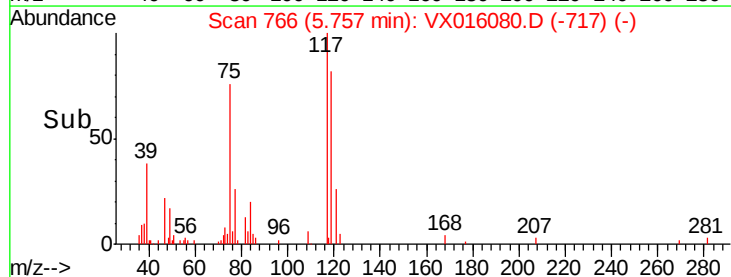
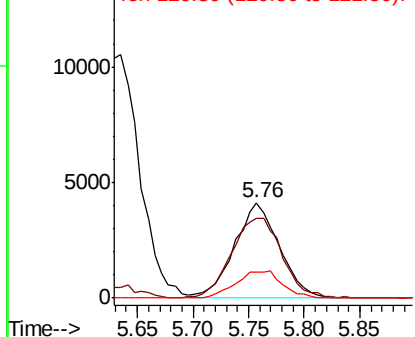


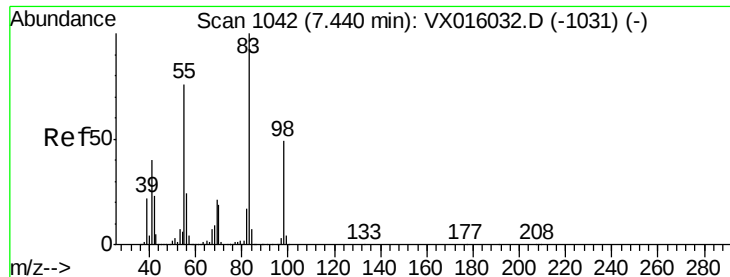
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

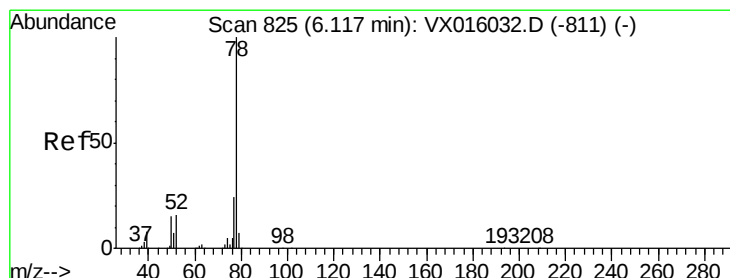
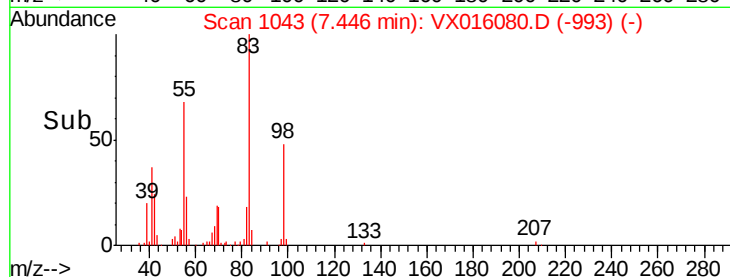
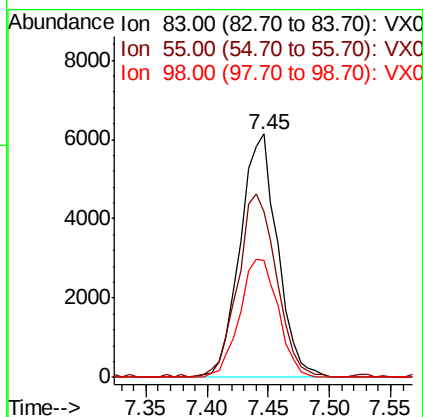
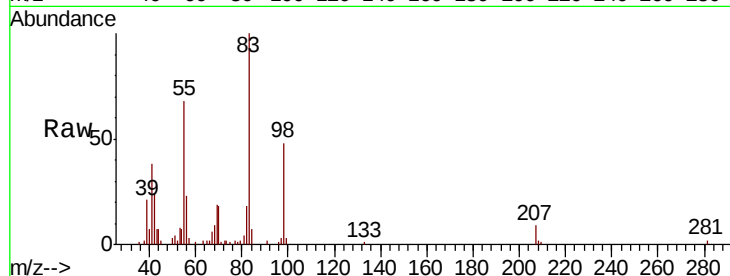




#39
Methvlcvclohexane
Concen: 2.297 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

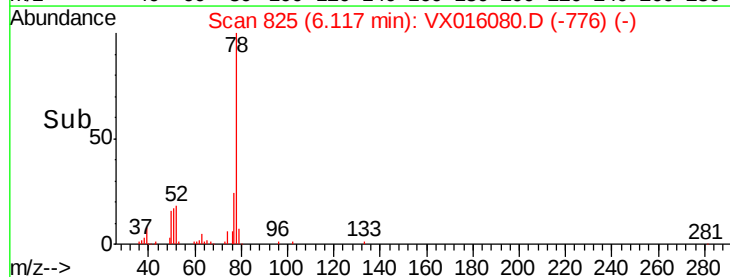
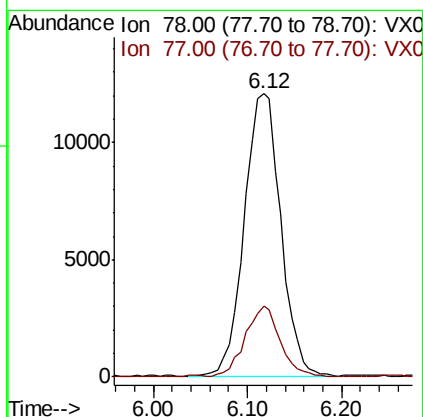
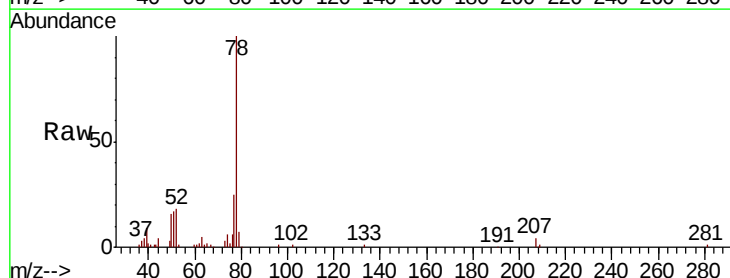
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 13019
Ion Ratio Lower Upper
83 100
55 67.9 61.1 91.7
98 48.2 39.0 58.4



#40
Benzene
Concen: 2.383 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion: 78 Resp: 32816
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.4

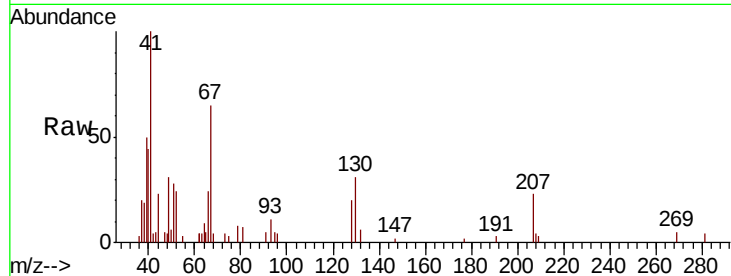




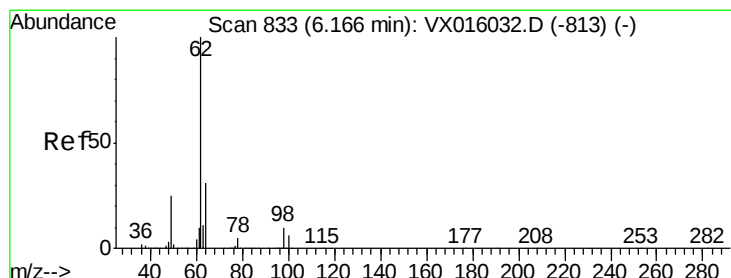
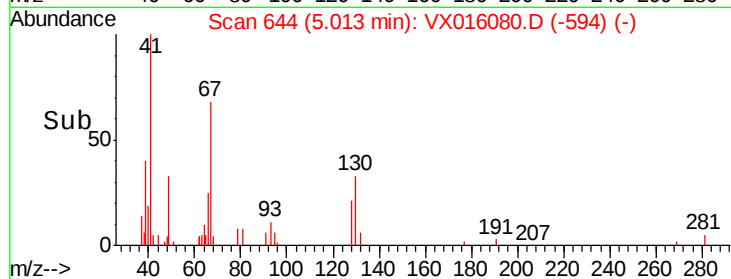
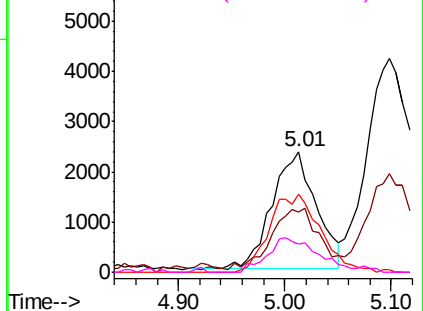
#41
Methacrylonitrile
Concen: 2.291 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	6749
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.2	64.8
67	75.7	59.3	88.9
52	33.0	23.5	35.3

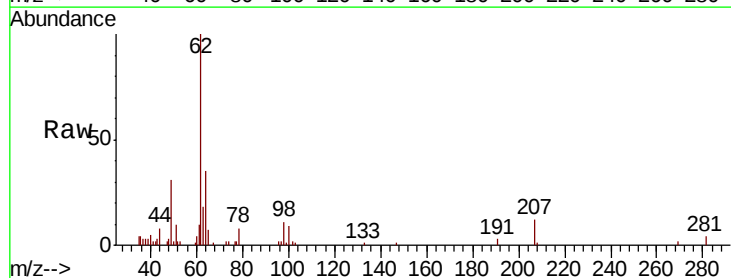


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

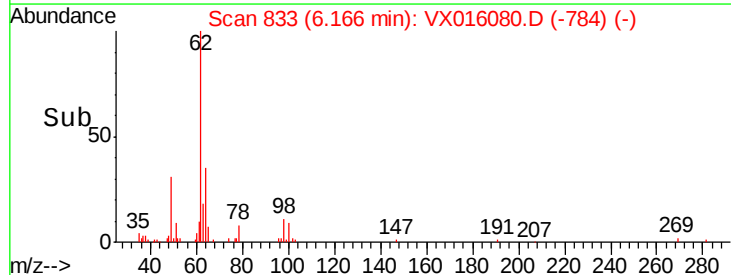
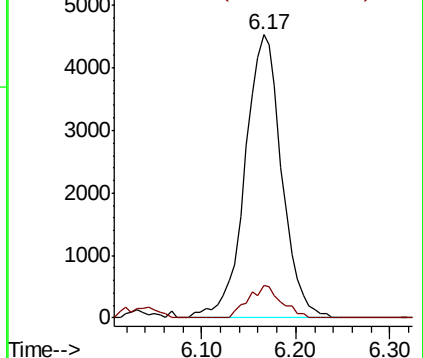


#42
1,2-Dichloroethane
Concen: 2.498 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion:	62	Resp:	12392
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 2.312 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampled :

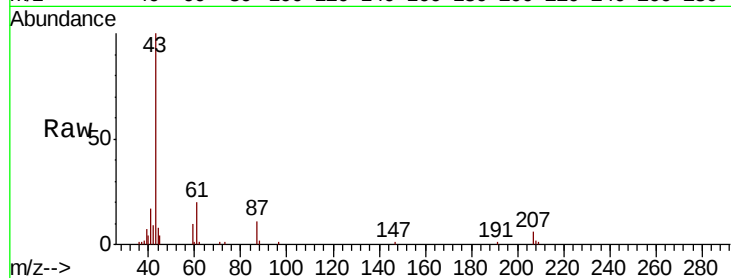
Tot Ion: 43 Resp: 20118

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

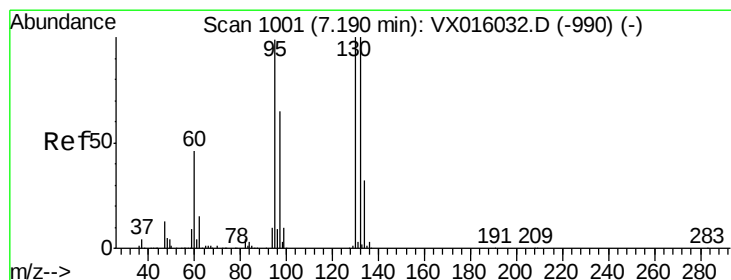
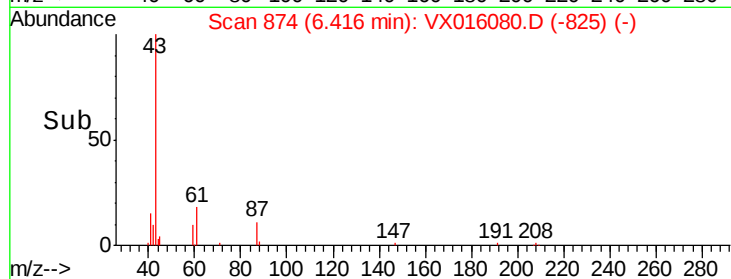
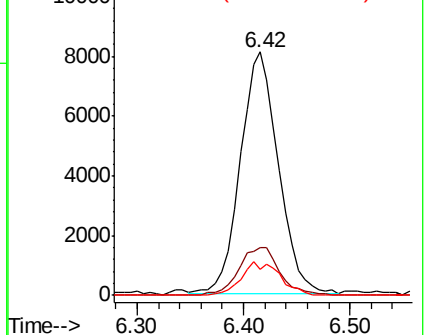
87 14.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 2.458 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016080.D

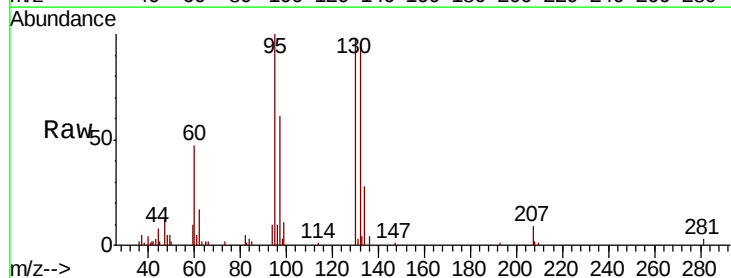
Acq: 06 May 2020 13:50

Tgt Ion: 130 Resp: 12023

Ion Ratio Lower Upper

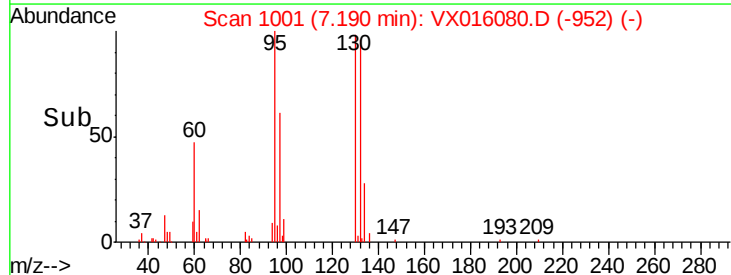
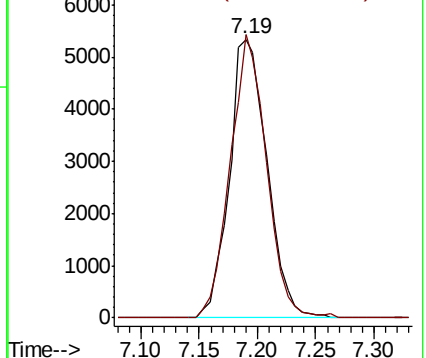
130 100

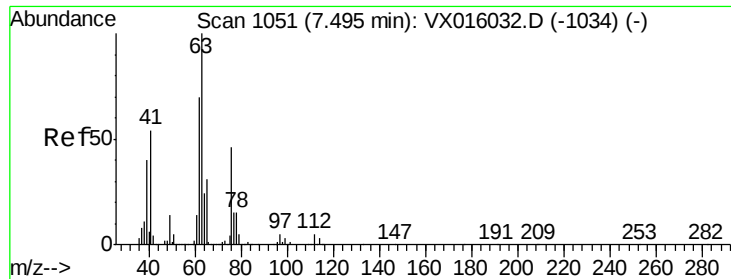
95 101.7 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 2.416 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

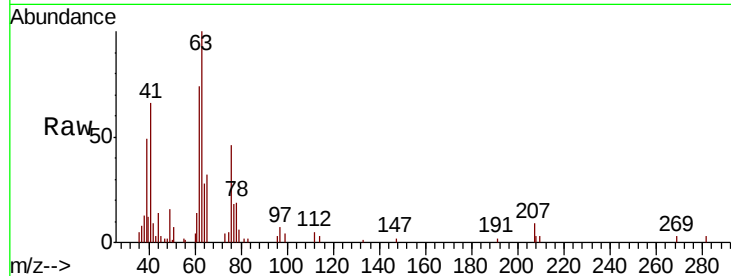
ClientSampleId :

Tot Ion: 63 Resp: 8417

Ion Ratio Lower Upper

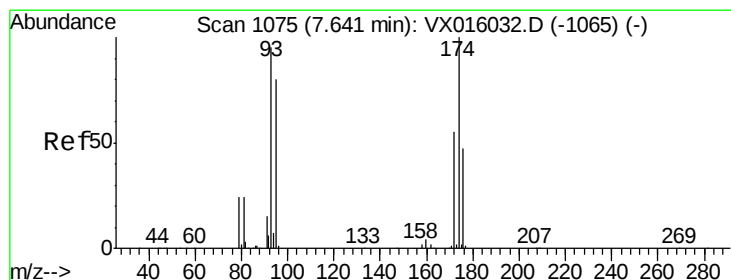
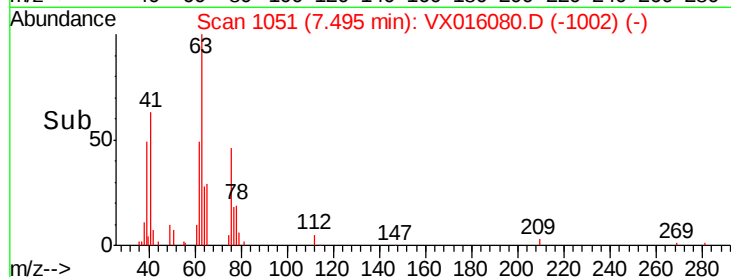
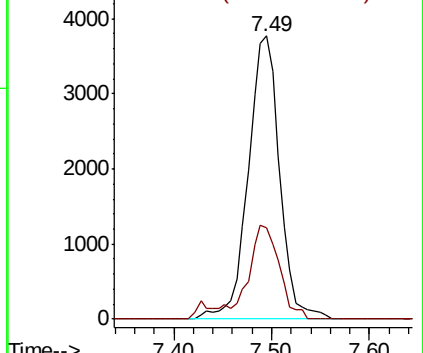
63 100

65 32.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 2.324 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

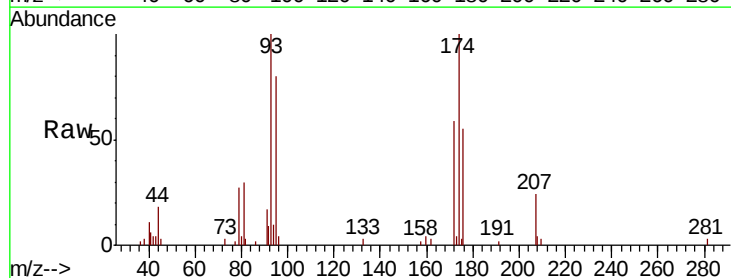
Tgt Ion: 93 Resp: 5502

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

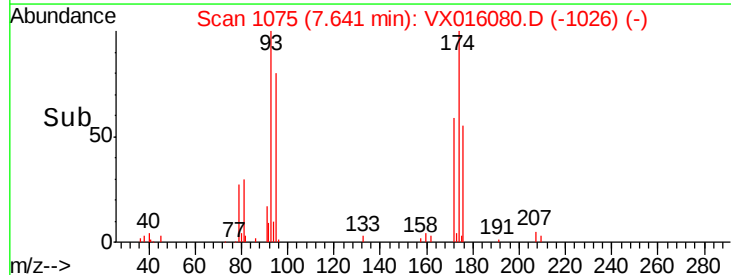
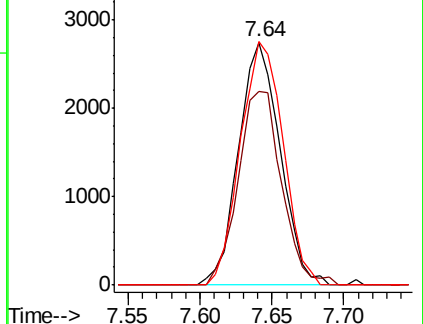
174 103.1 84.2 126.4

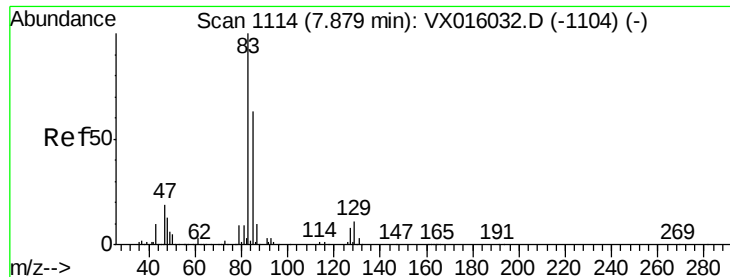


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 2.273 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

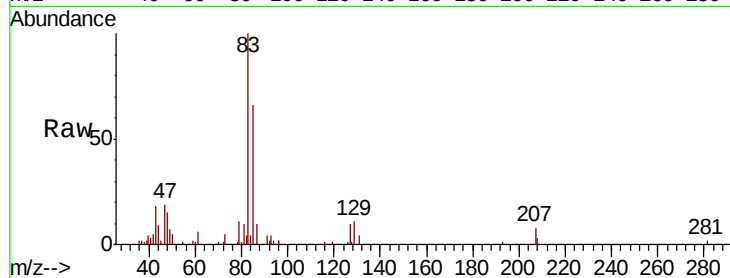
Tot Ion: 83 Resp: 10961

Ion Ratio Lower Upper

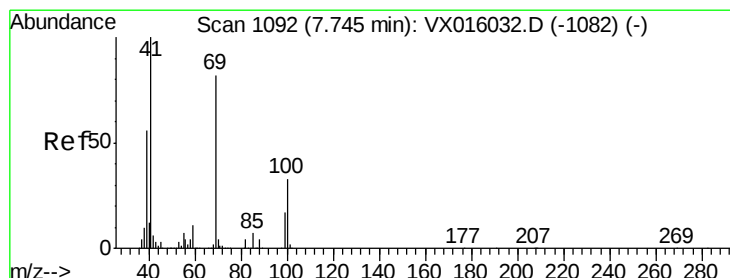
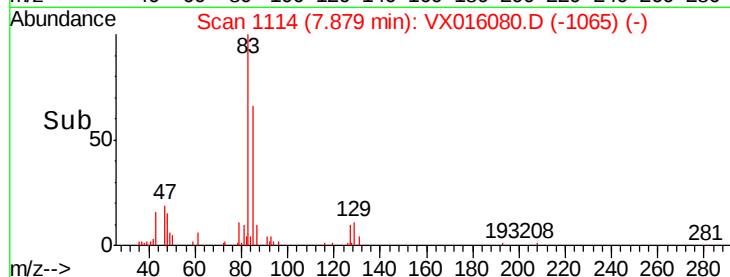
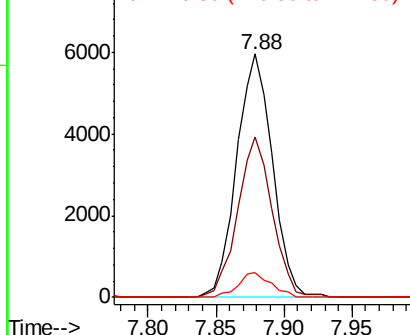
83 100

85 65.7 50.5 75.7

127 10.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.232 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

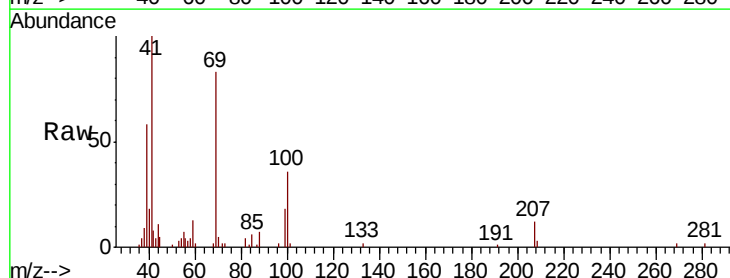
Tgt Ion: 41 Resp: 9204

Ion Ratio Lower Upper

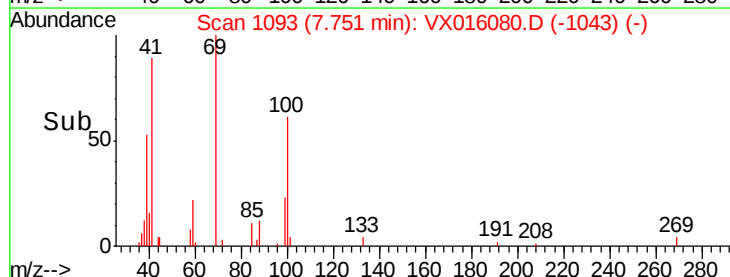
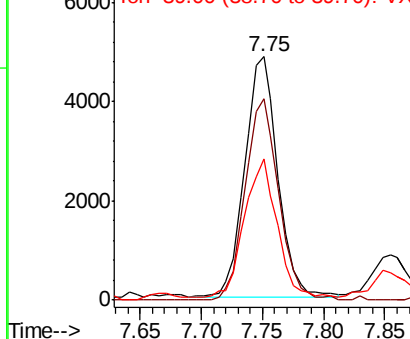
41 100

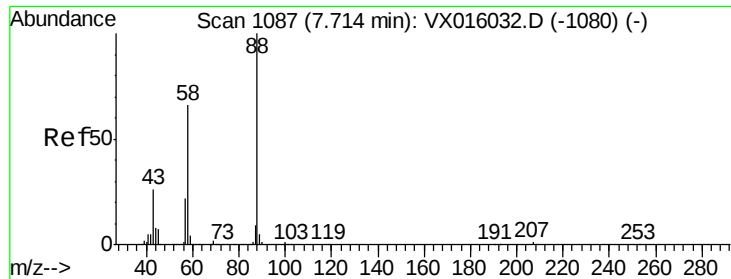
69 84.3 67.8 101.6

39 58.6 44.6 67.0



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

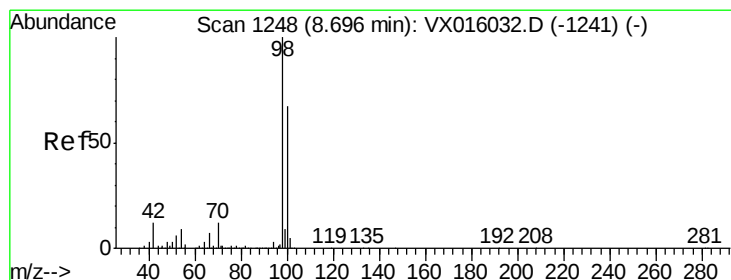
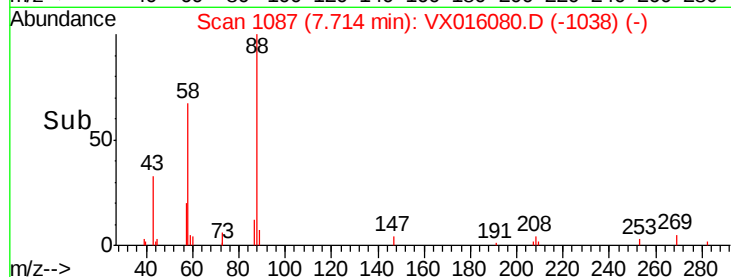
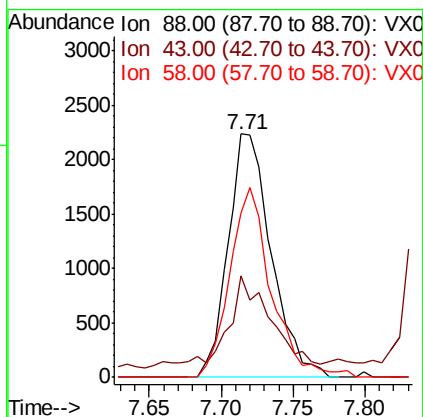
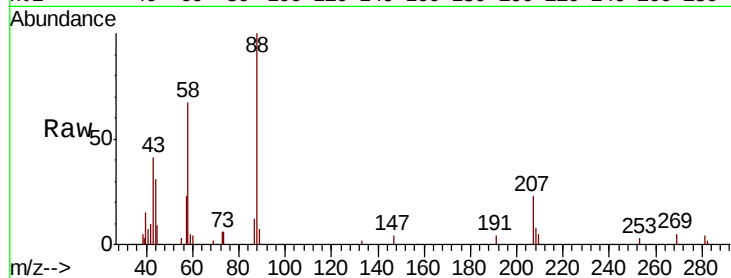




#49
 1,4-Dioxane
 Concen: 47.210 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

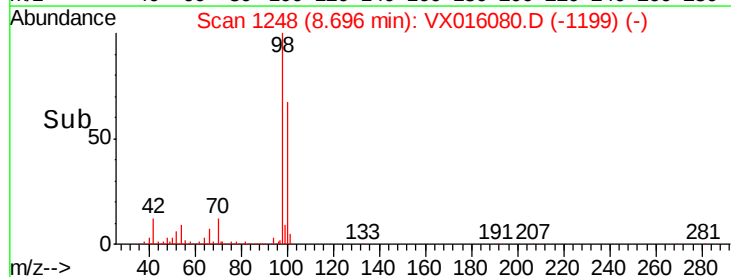
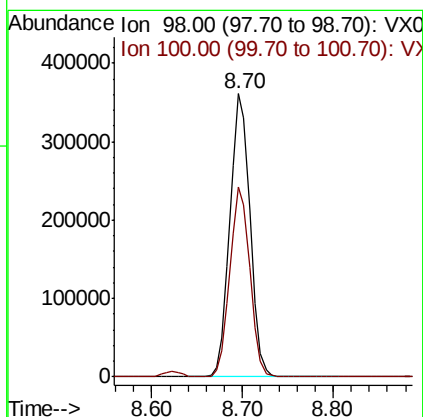
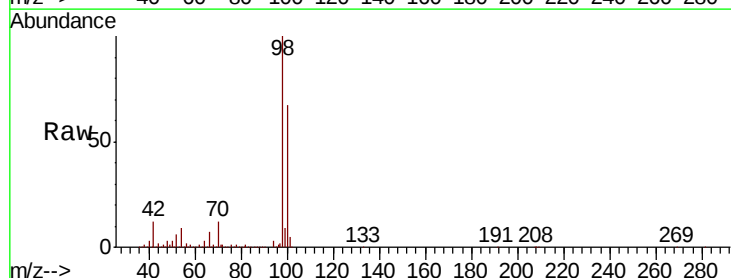
Instrument :
 MSVOA_X
 ClientSampleId :

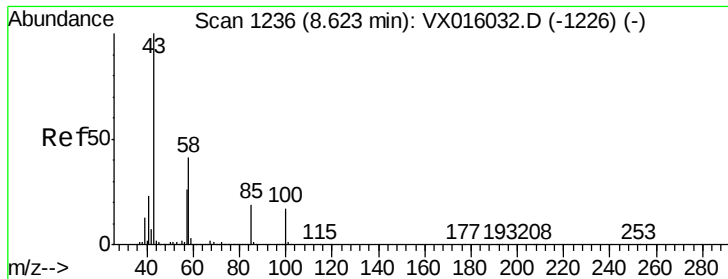
Tot Ion	88	Resp	4669
Ion	Ratio	Lower	Upper
88	100		
43	38.4	25.3	37.9#
58	74.7	55.9	83.9



#50
 Toluene-d8
 Concen: 47.577 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion	98	Resp	555222
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 11.341 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

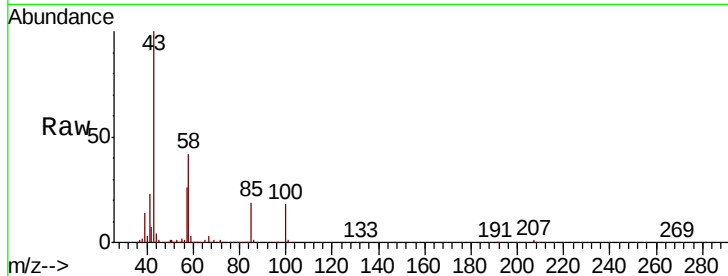
ClientSampleId :

Tot Ion: 43 Resp: 60393

Ion Ratio Lower Upper

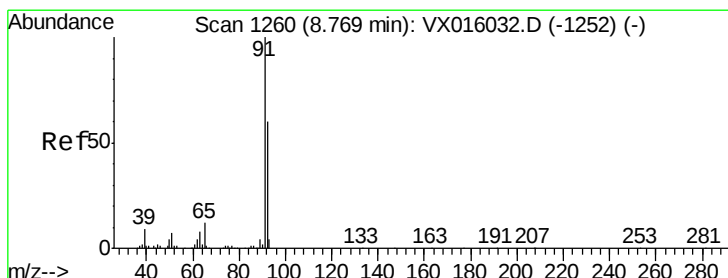
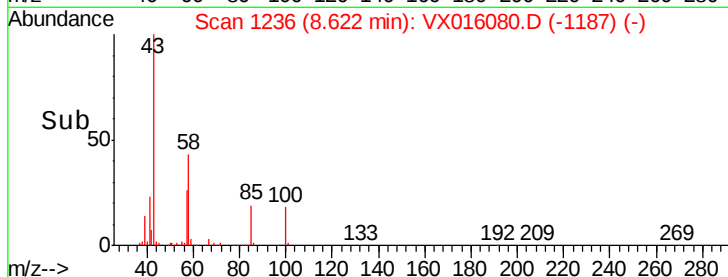
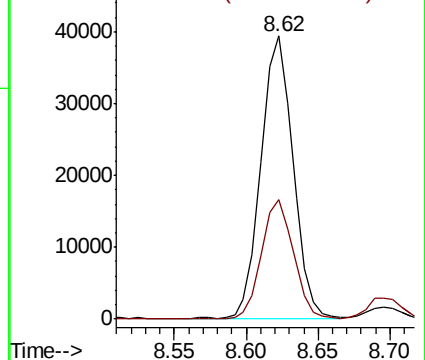
43 100

58 42.3 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.428 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016080.D

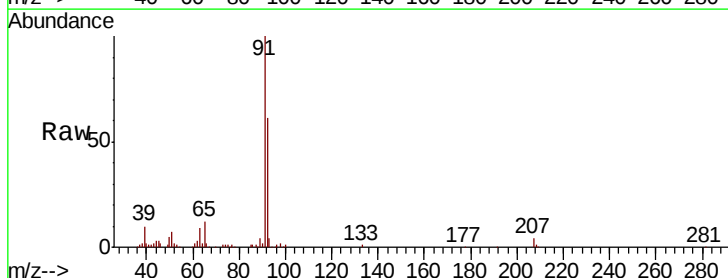
Acq: 06 May 2020 13:50

Tgt Ion: 92 Resp: 20841

Ion Ratio Lower Upper

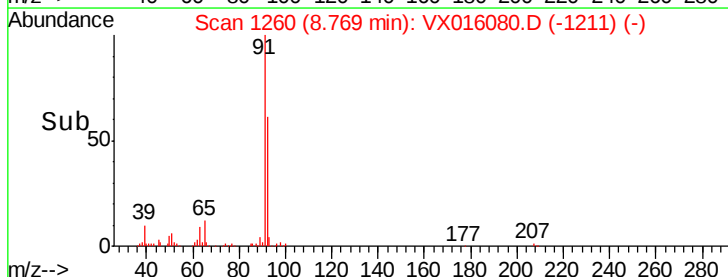
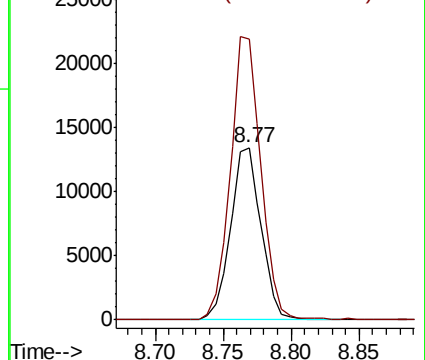
92 100

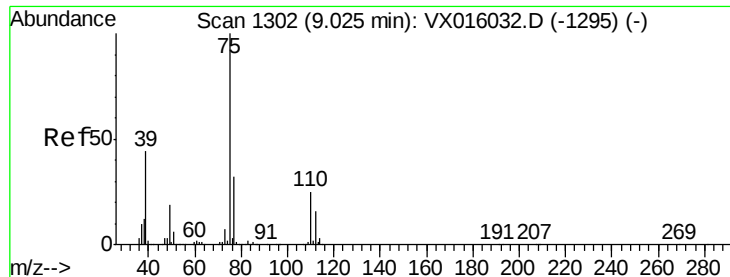
91 164.9 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 2.277 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

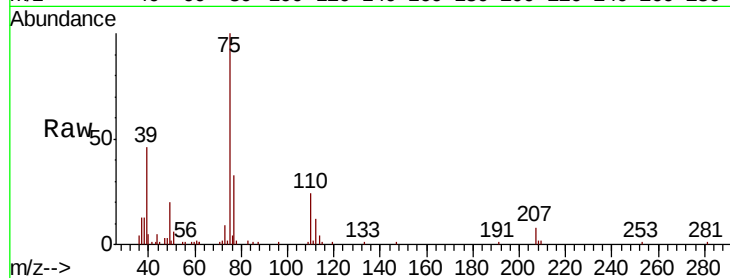
ClientSampleId :

Tot Ion: 75 Resp: 13092

Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

10000

8000

6000

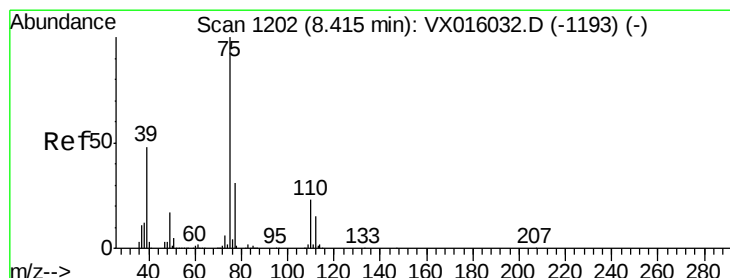
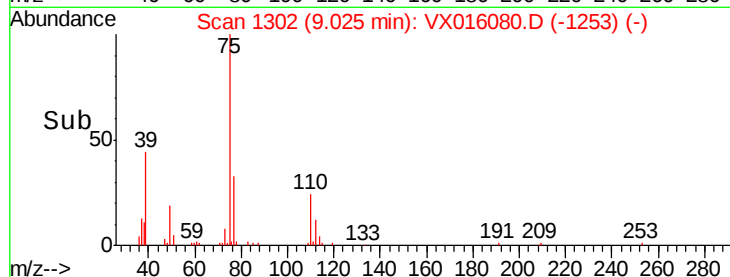
4000

2000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 2.202 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

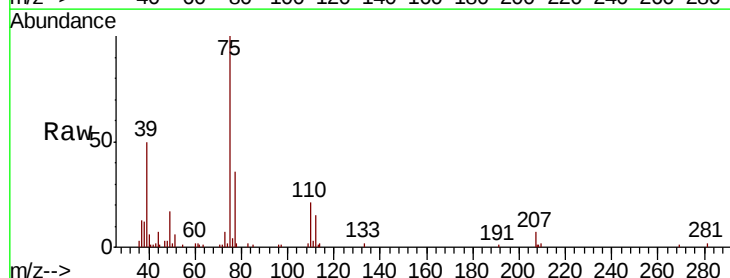
Tgt Ion: 75 Resp: 13224

Ion Ratio Lower Upper

75 100

77 35.8 24.7 37.1

39 48.7 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

10000

8000

6000

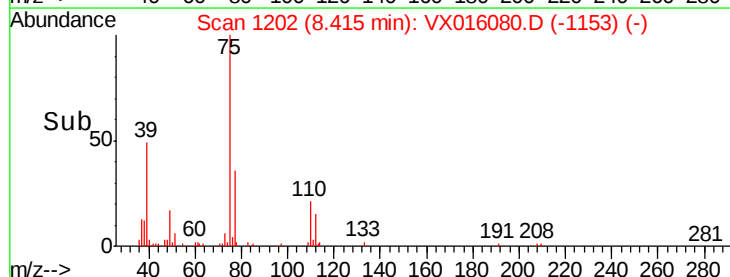
4000

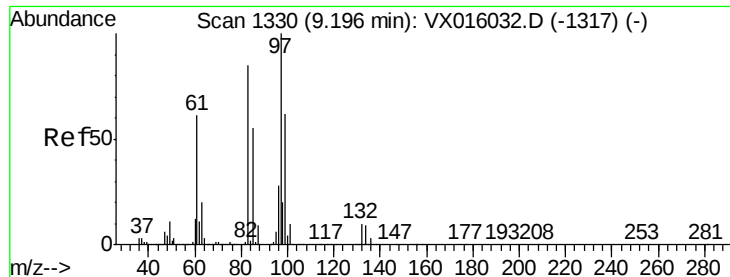
2000

0

8.35 8.40 8.45 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 2.338 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 7894

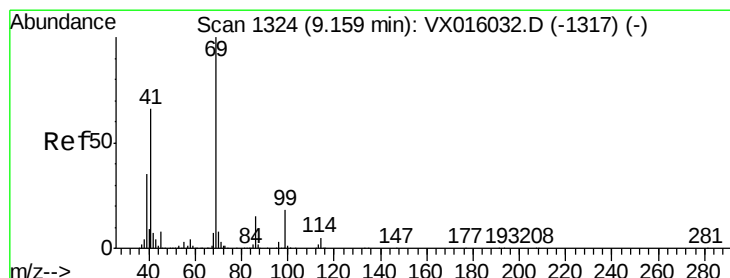
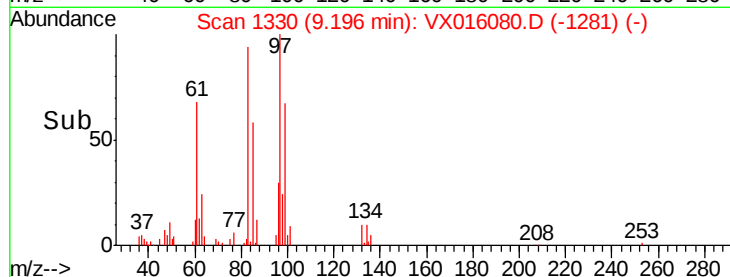
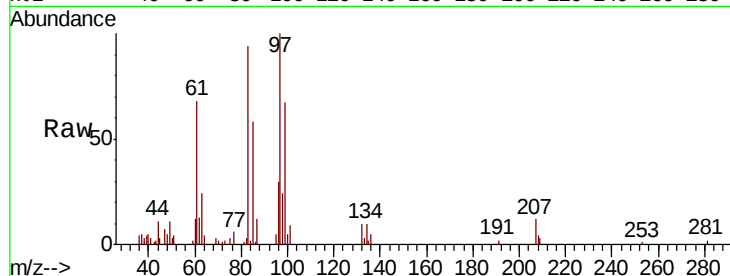
Ion	Ratio	Lower	Upper
97	100		
83	94.5	67.8	101.8
85	58.0	43.8	65.8
99	66.8	49.4	74.0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.185 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

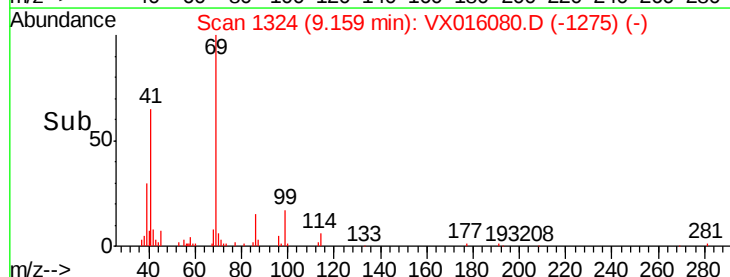
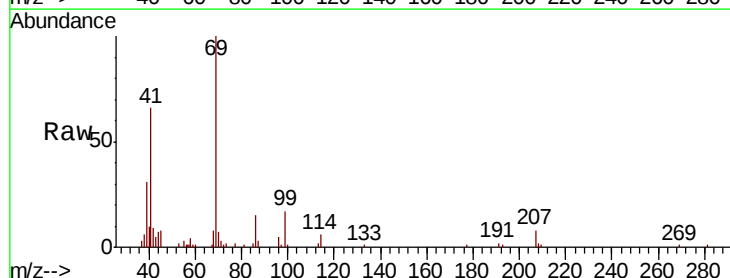
Tgt Ion: 69 Resp: 12044

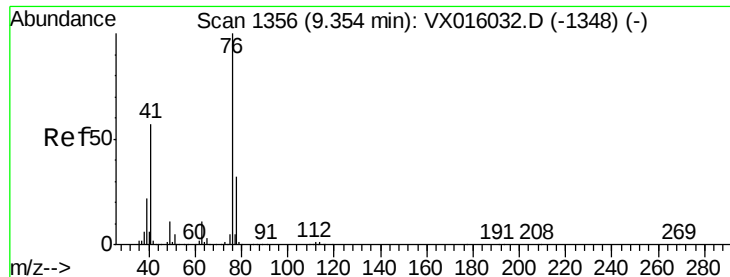
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.2	78.4
39	36.0	28.2	42.4

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





#57

1,3-Dichloropropane

Concen: 2.381 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

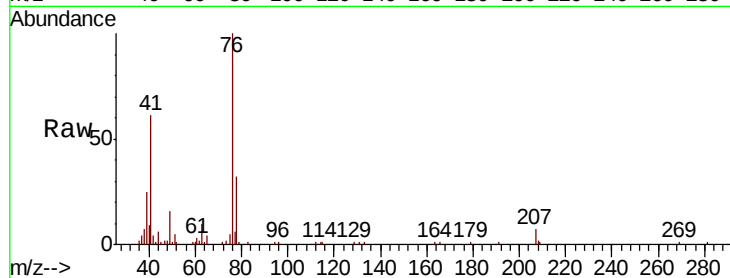
ClientSampleId :

Tot Ion: 76 Resp: 14031

Ion Ratio Lower Upper

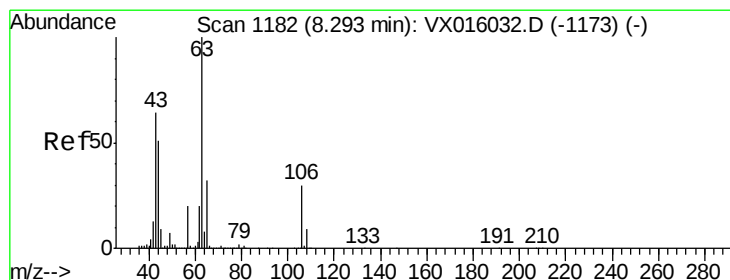
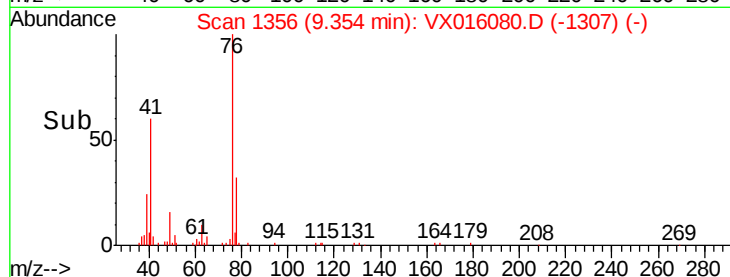
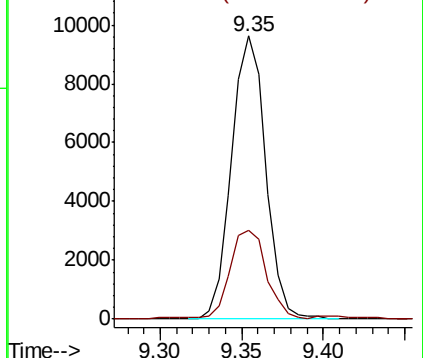
76 100

78 34.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 10.850 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016080.D

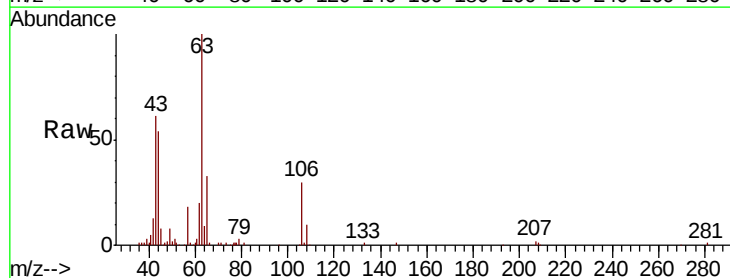
Acq: 06 May 2020 13:50

Tgt Ion: 63 Resp: 31839

Ion Ratio Lower Upper

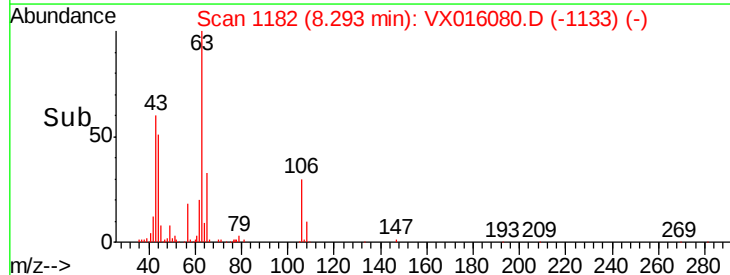
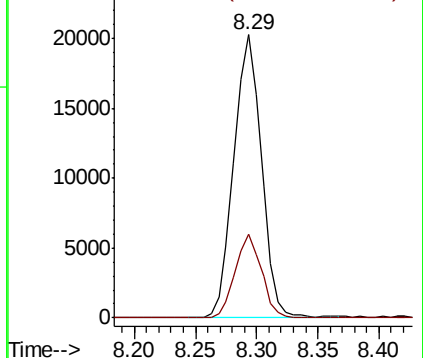
63 100

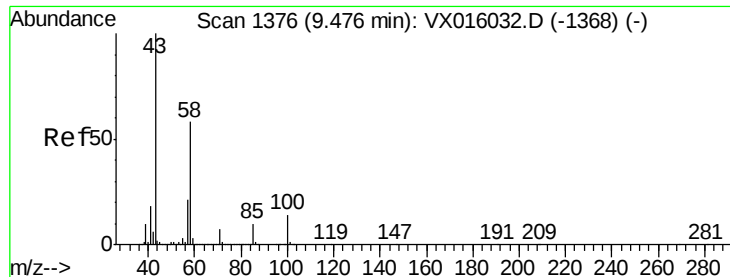
106 28.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

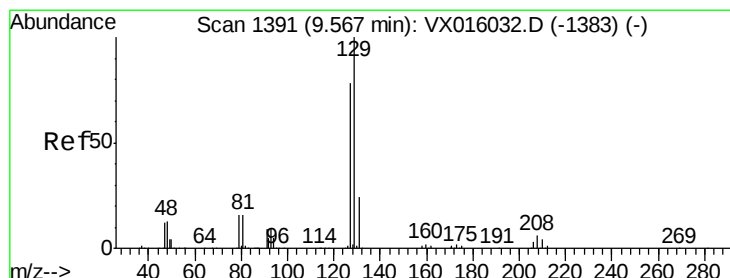
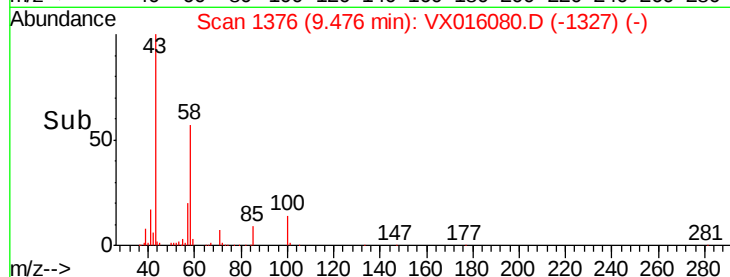
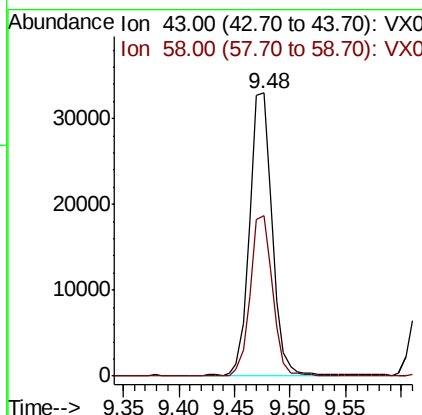
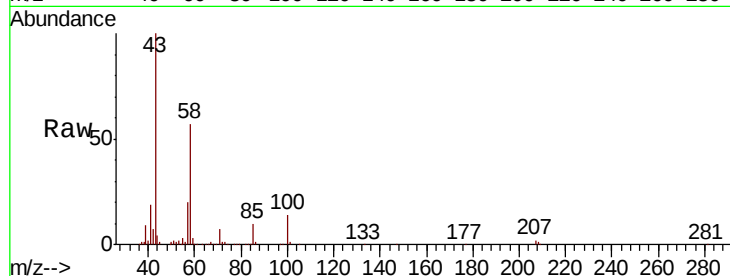




#59
2-Hexanone
Concen: 11.039 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

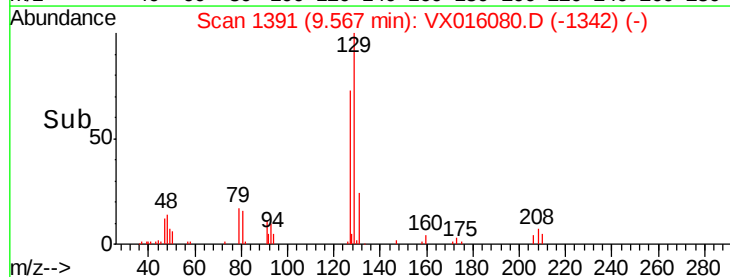
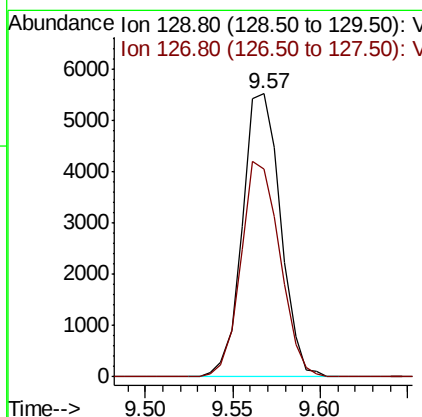
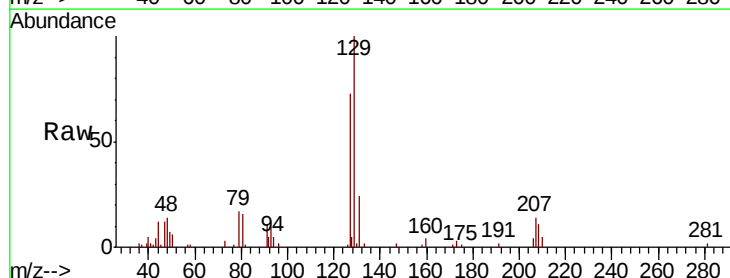
Instrument :
MSVOA_X
ClientSampleId :

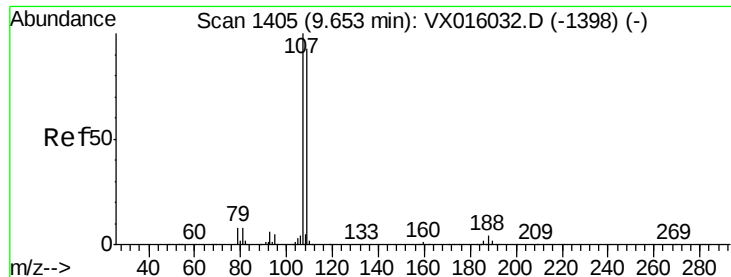
Tot Ion: 43 Resp: 46167
Ion Ratio Lower Upper
43 100
58 56.5 28.6 85.9



#60
Dibromochloromethane
Concen: 2.251 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion: 129 Resp: 8371
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 2.272 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

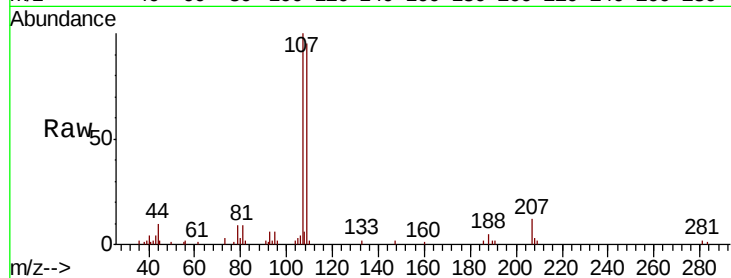
ClientSampleId :

Tot Ion: 107 Resp: 8311

Ion Ratio Lower Upper

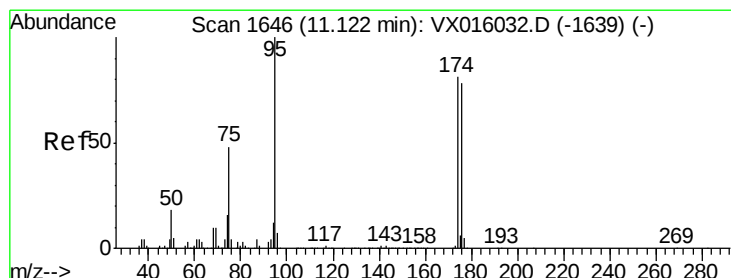
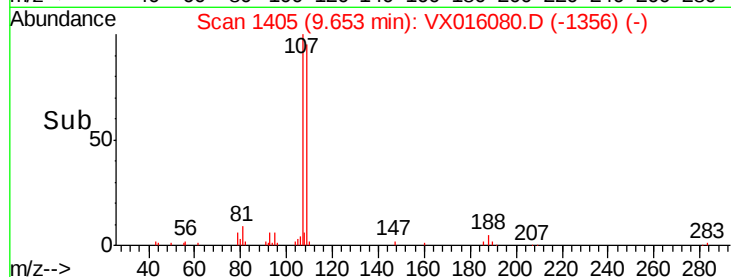
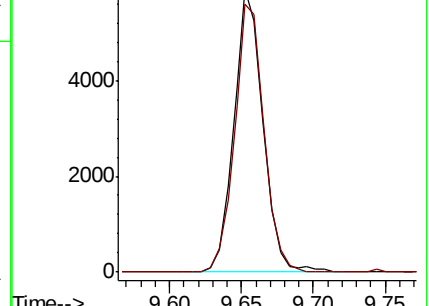
107 100

109 95.6 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.436 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

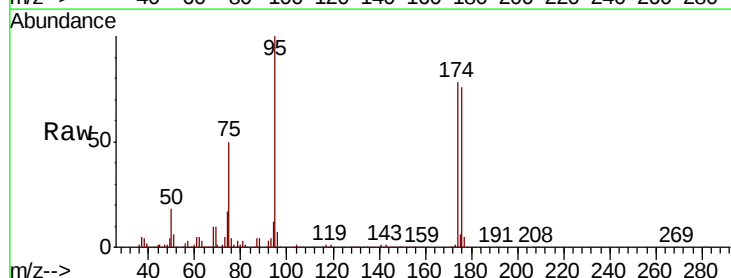
Tgt Ion: 95 Resp: 206115

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.4

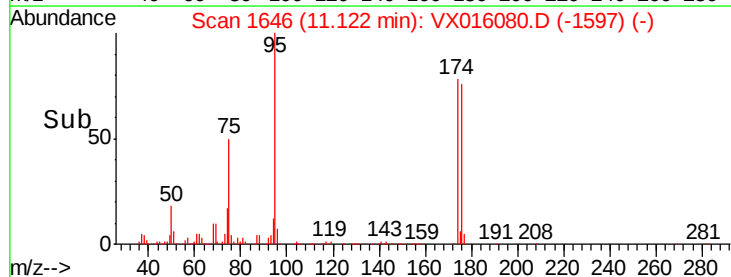
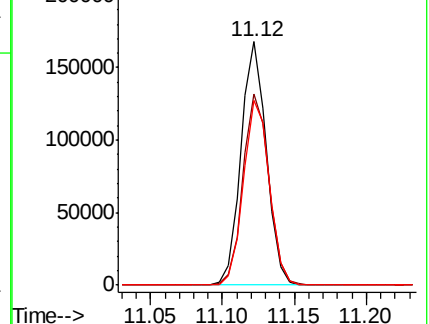
176 77.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampled :

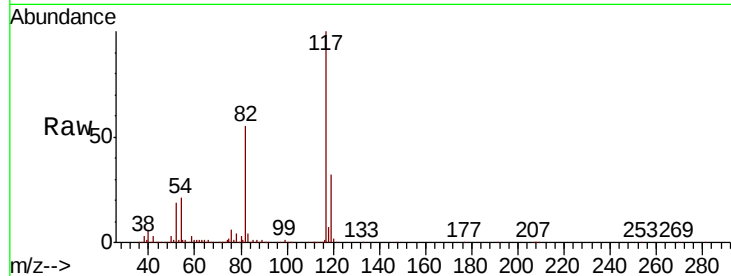
Tot Ion:117 Resp: 435104

Ion Ratio Lower Upper

117 100

82 54.8 44.4 66.6

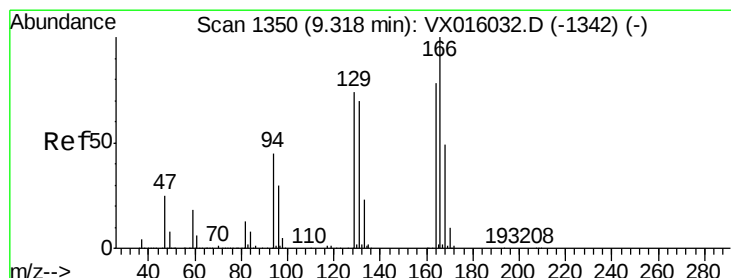
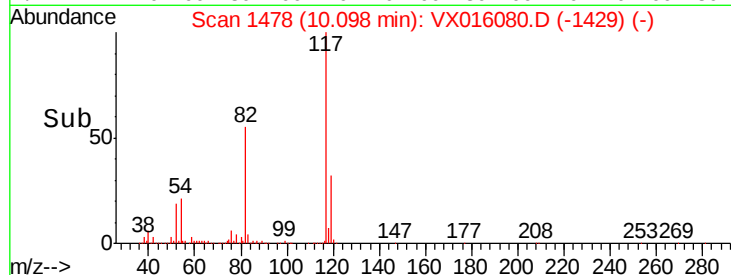
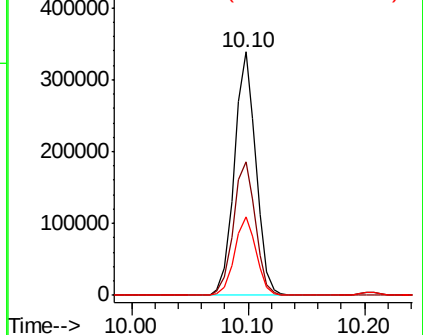
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 2.465 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Tgt Ion:164 Resp: 13169

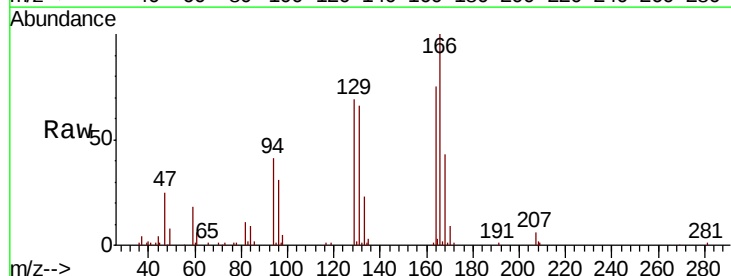
Ion Ratio Lower Upper

164 100

166 133.3 102.9 154.3

129 91.8 76.1 114.1

131 88.6 71.9 107.9

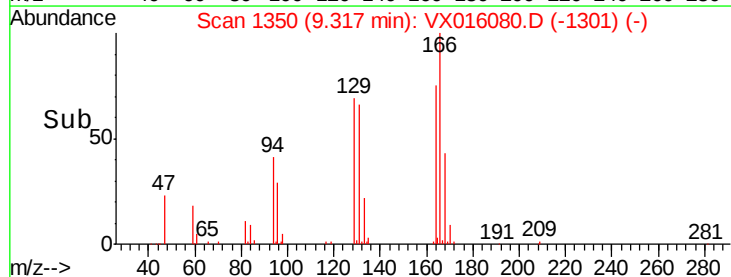
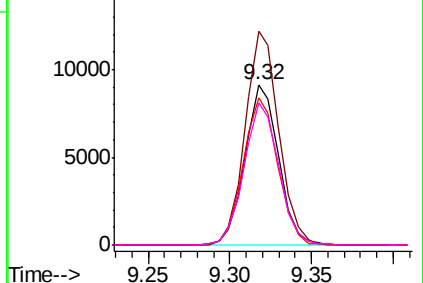


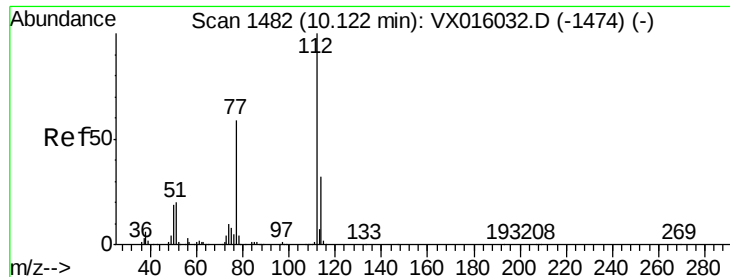
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

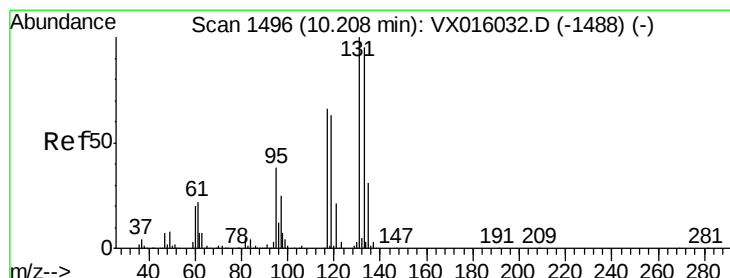
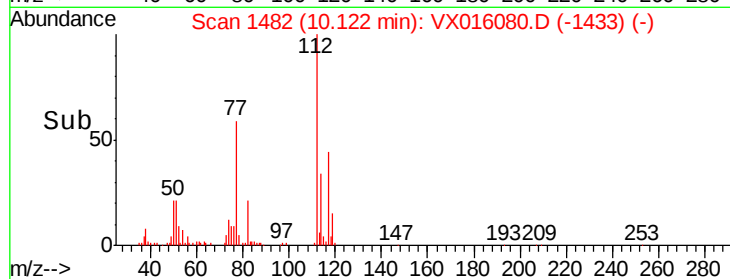
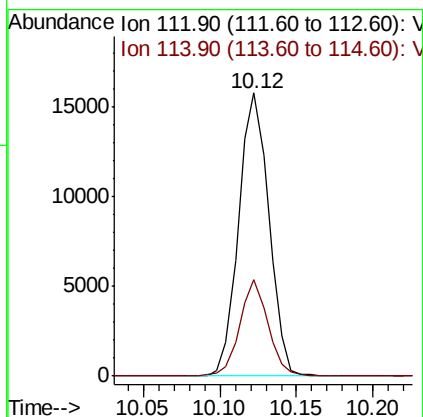
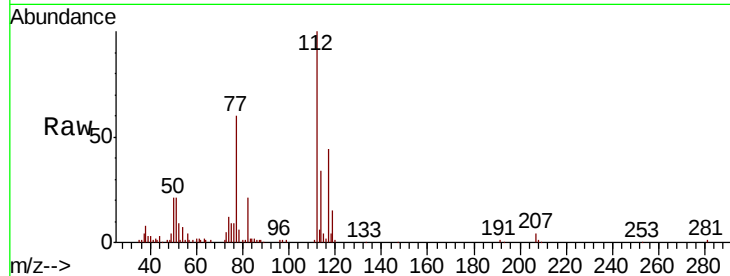




#65
Chlorobenzene
Concen: 2.375 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

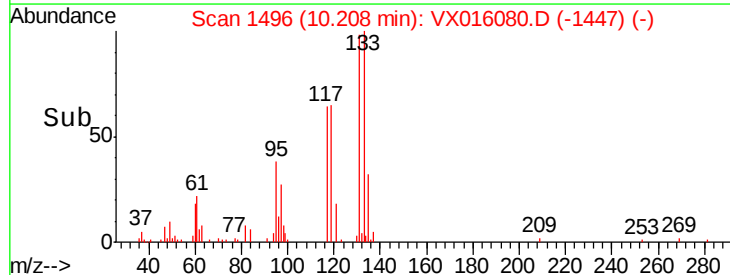
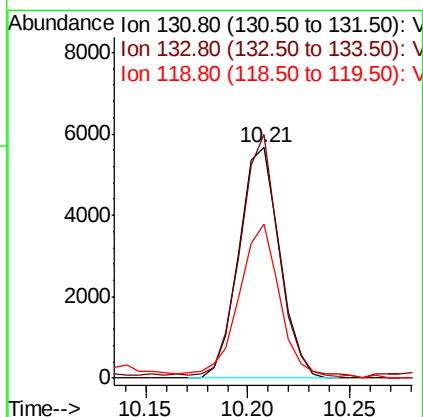
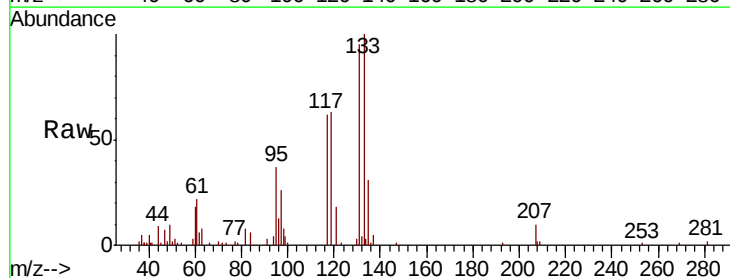
Instrument :
MSVOA_X
ClientSampleId :

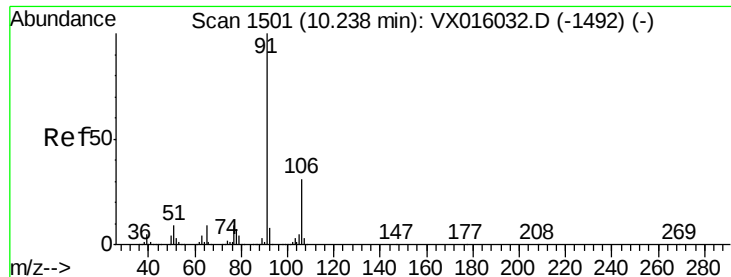
Tot Ion:112 Resp: 21636
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 2.335 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion:131 Resp: 7862
Ion Ratio Lower Upper
131 100
133 102.3 48.3 144.8
119 68.4 32.3 96.9





#67

Ethyl Benzene

Concen: 2.281 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

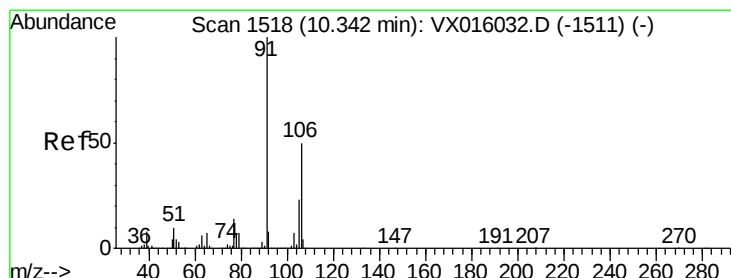
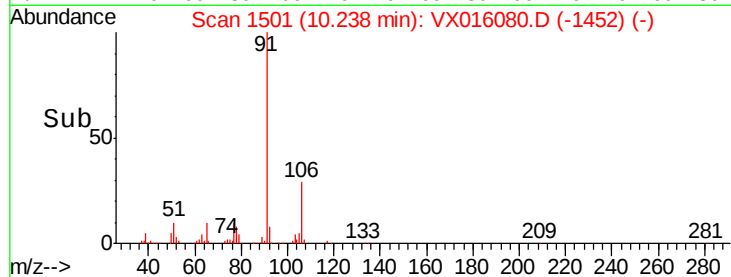
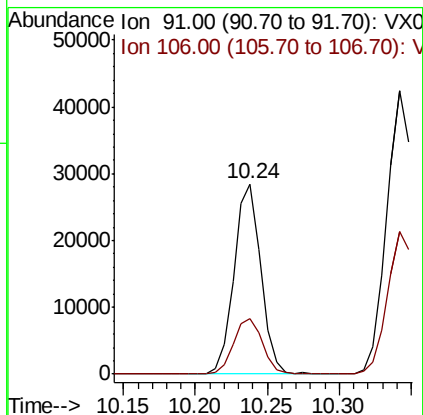
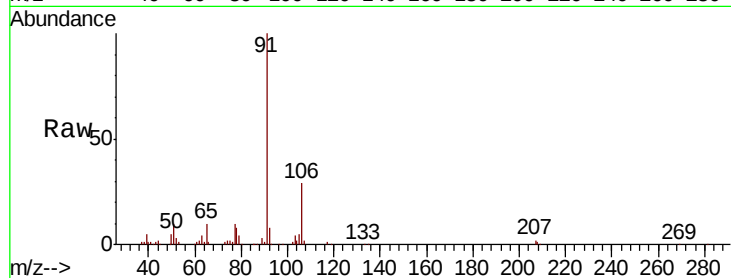
ClientSampled :

Tot Ion: 91 Resp: 37081

Ion Ratio Lower Upper

91 100

106 29.4 25.1 37.7



#68

m/p-Xylenes

Concen: 4.679 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016080.D

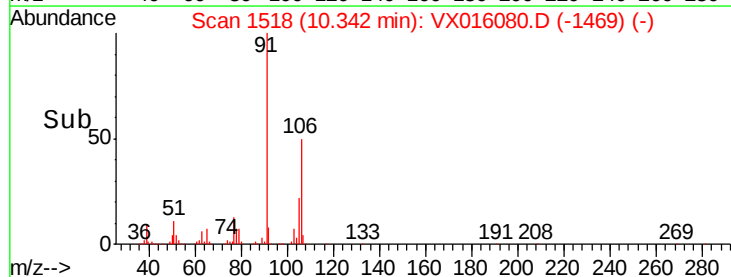
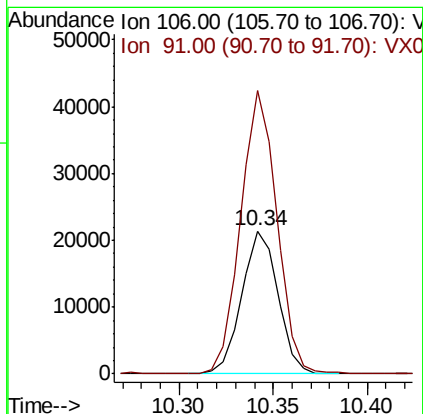
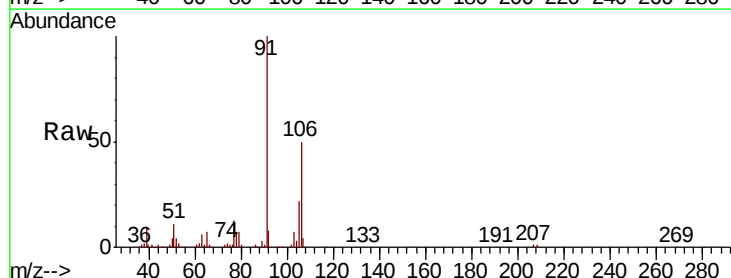
Acq: 06 May 2020 13:50

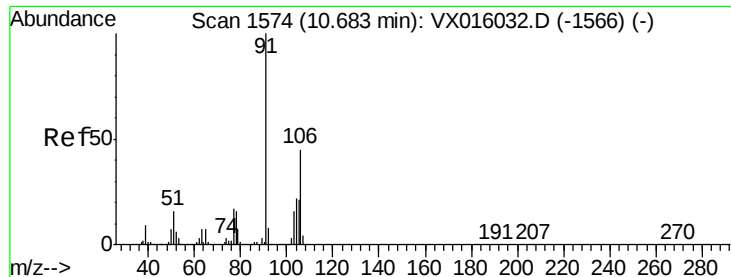
Tgt Ion: 106 Resp: 28495

Ion Ratio Lower Upper

106 100

91 199.4 161.7 242.5

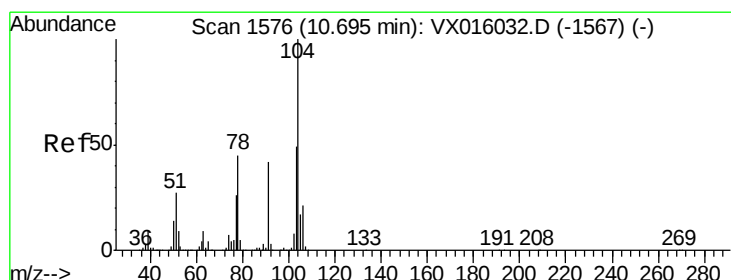
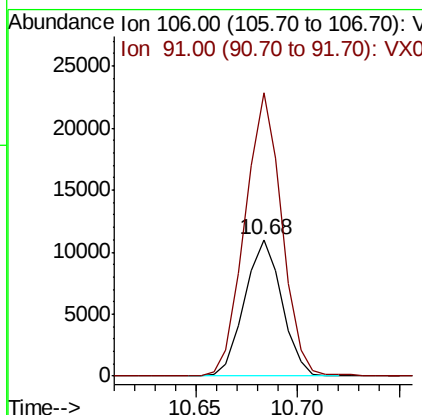
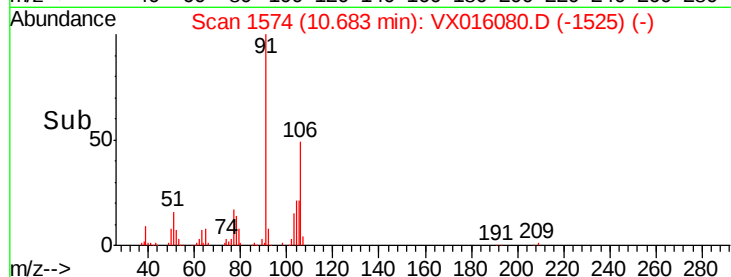
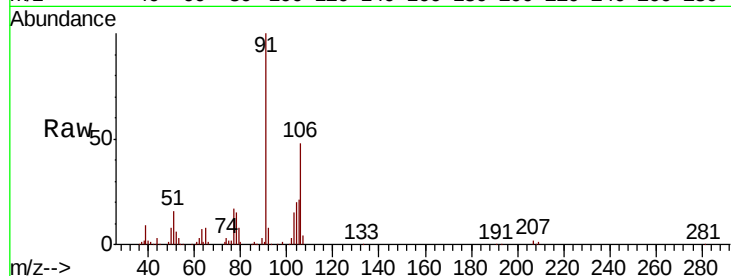




#69
o-Xylene
Concen: 2.391 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

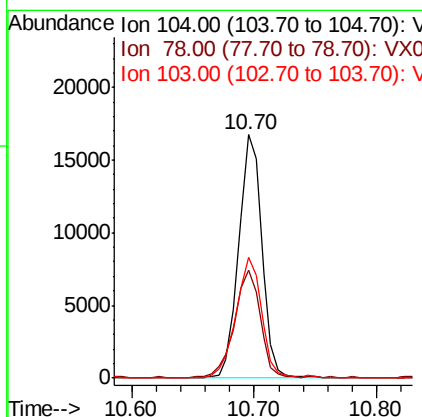
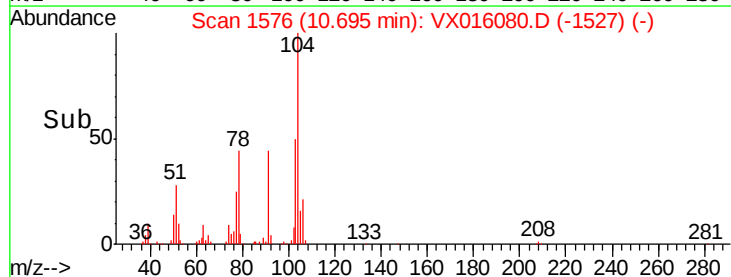
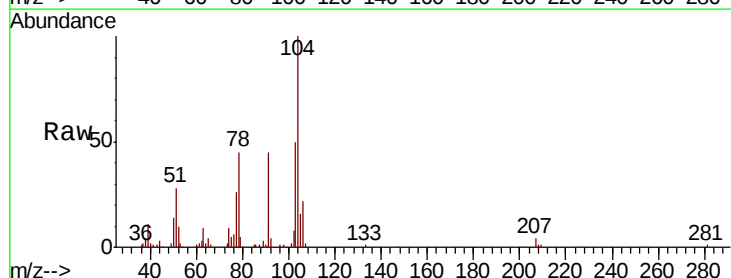
Instrument :
MSVOA_X
ClientSampled :

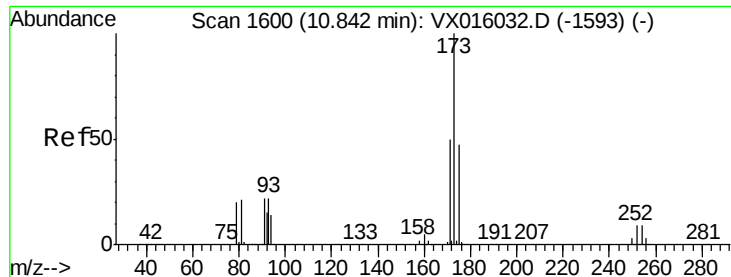
Tot Ion:106 Resp: 13996
Ion Ratio Lower Upper
106 100
91 205.9 107.5 322.6



#70
Styrene
Concen: 2.204 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion:104 Resp: 21888
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 54.7 43.0 64.6





#71

Bromoform

Concen: 2.044 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

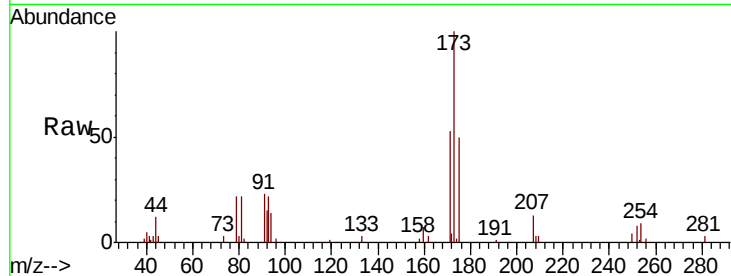
Tot Ion:173 Resp: 5609

Ion Ratio Lower Upper

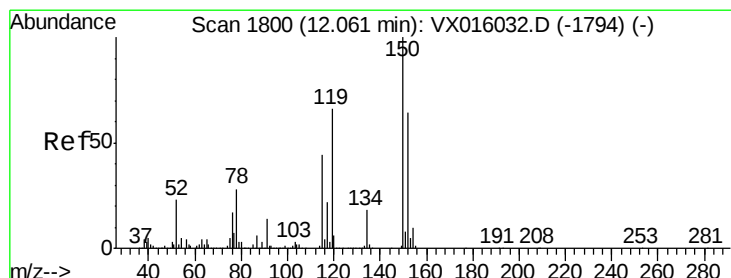
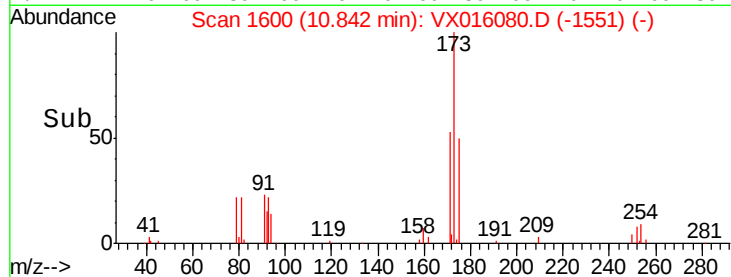
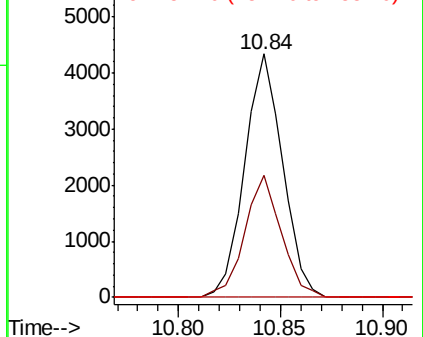
173 100

175 48.4 24.0 72.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

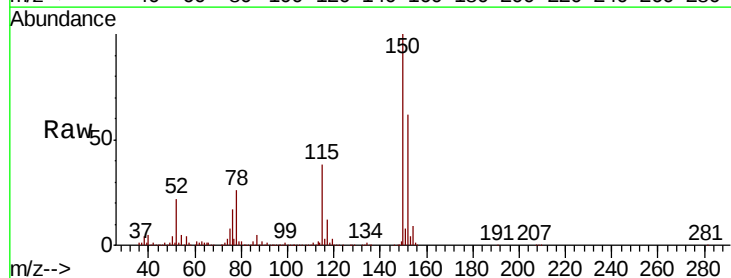
Tgt Ion:152 Resp: 213553

Ion Ratio Lower Upper

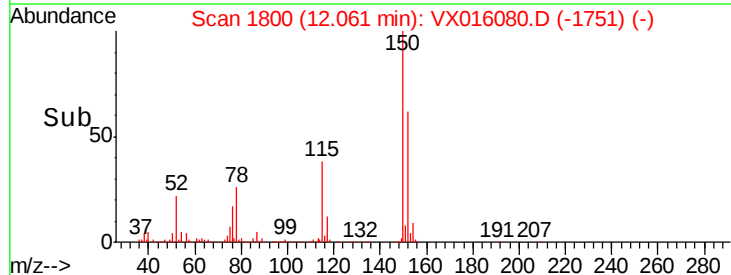
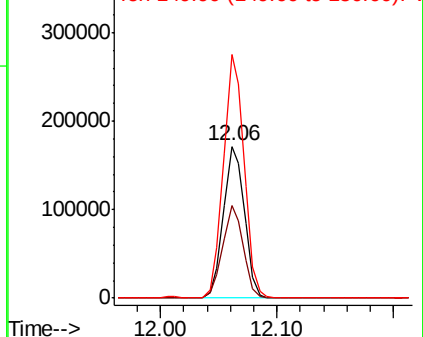
152 100

115 59.5 41.3 124.1

150 157.8 0.0 352.2



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





#73

Isopropylbenzene

Concen: 2.266 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

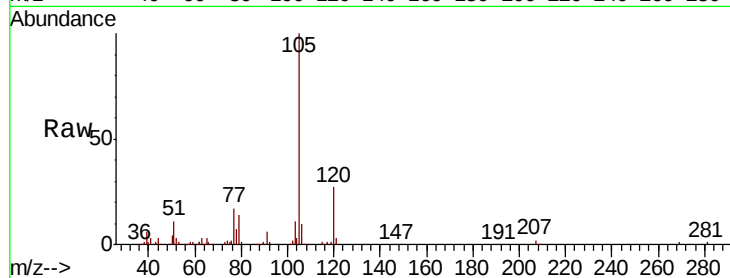
ClientSampleId :

Tot Ion: 105 Resp: 35203

Ion Ratio Lower Upper

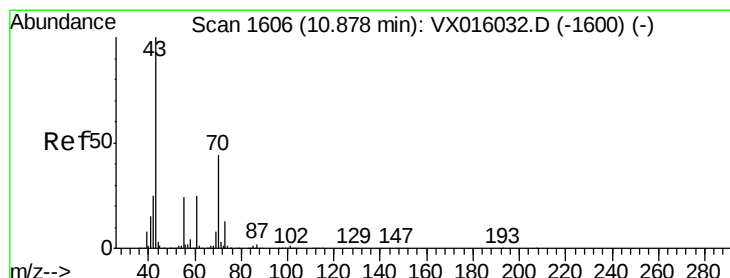
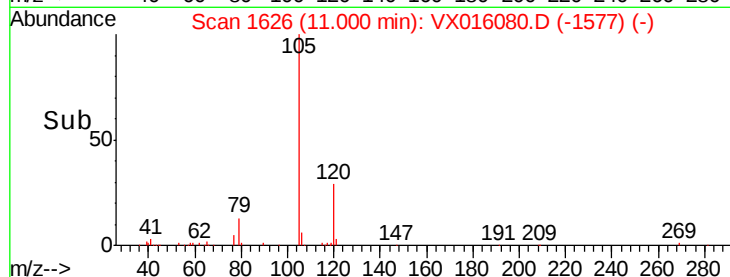
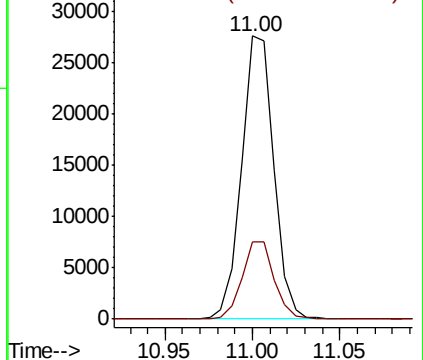
105 100

120 27.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.297 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Tgt Ion: 43 Resp: 16641

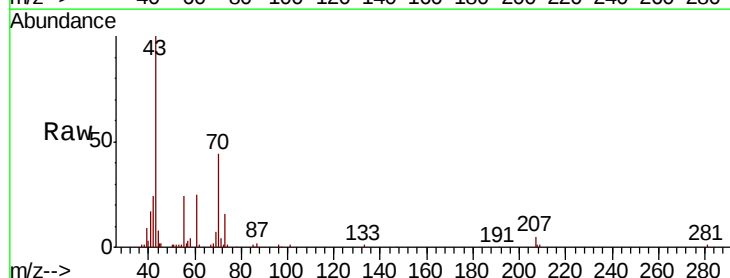
Ion Ratio Lower Upper

43 100

70 42.6 36.5 54.7

55 24.5 19.7 29.5

61 25.2 20.9 31.3

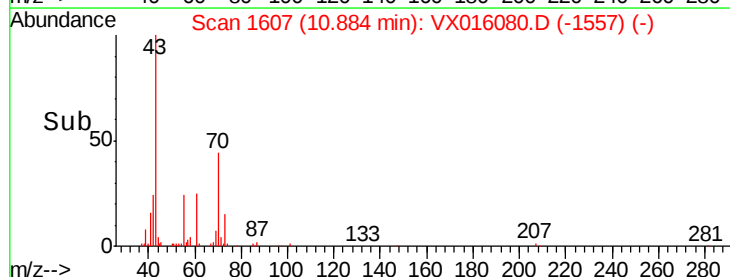
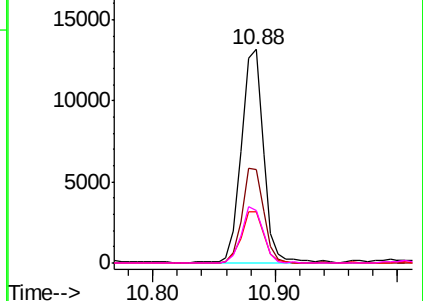


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.210 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

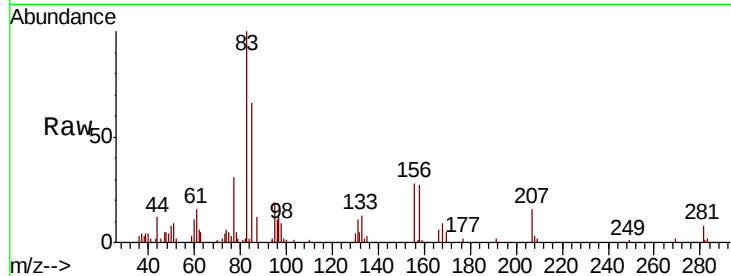
Tot Ion: 83 Resp: 6053

Ion Ratio Lower Upper

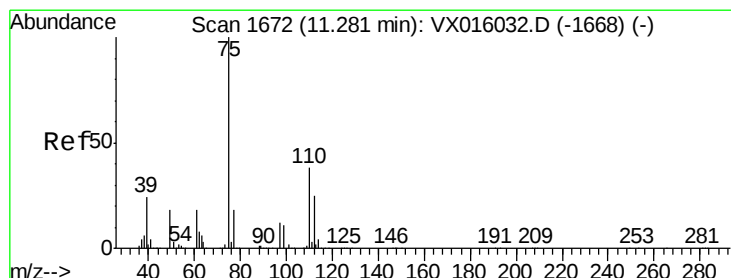
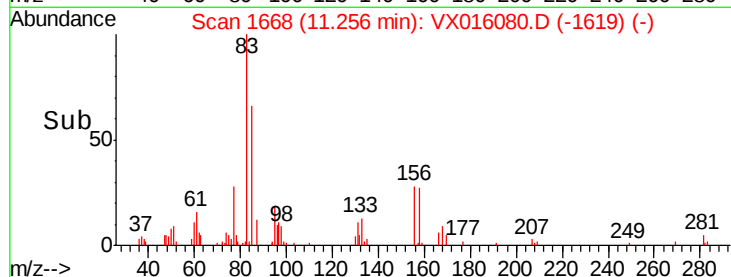
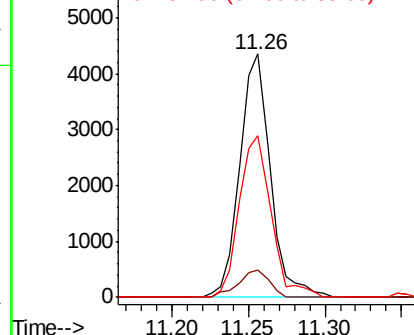
83 100

131 11.3 5.1 15.4

85 68.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 3.053 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016080.D

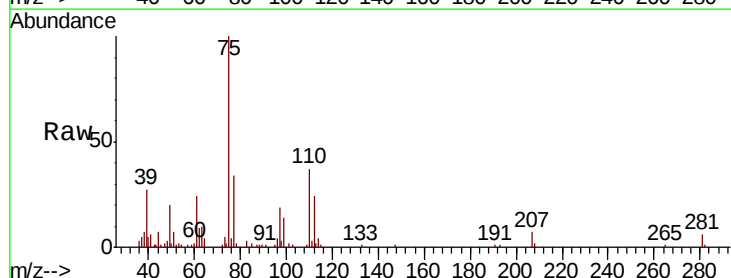
Acq: 06 May 2020 13:50

Tgt Ion: 75 Resp: 14794

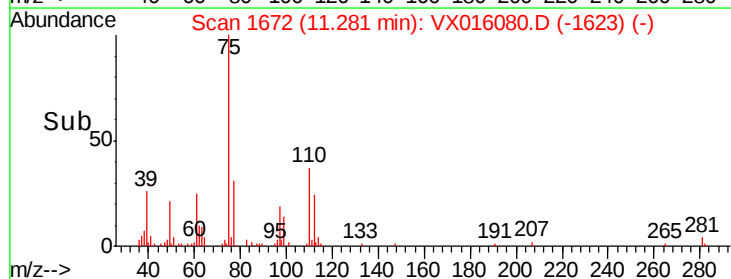
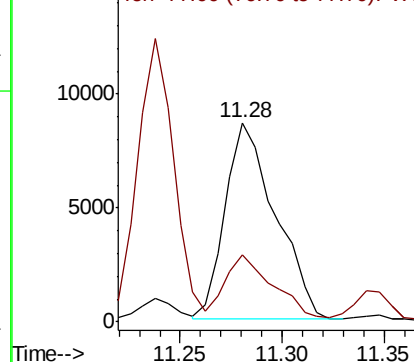
Ion Ratio Lower Upper

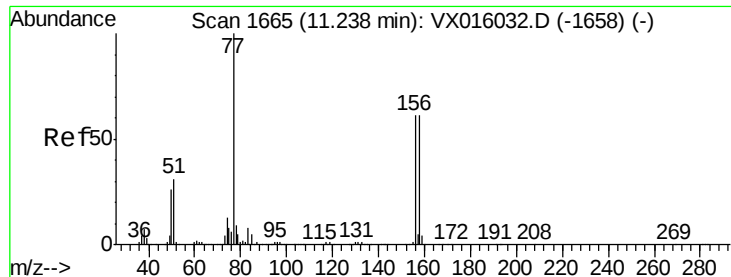
75 100

77 33.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.386 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

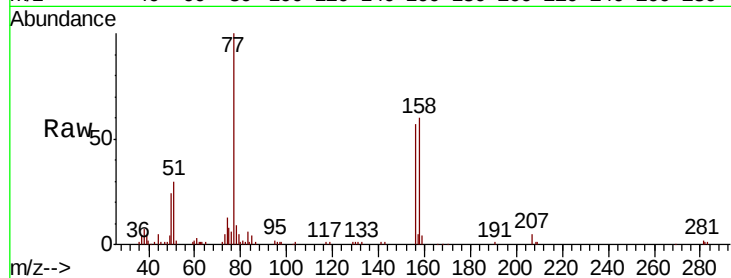
Tot Ion:156 Resp: 9567

Ion Ratio Lower Upper

156 100

77 162.5 80.1 240.3

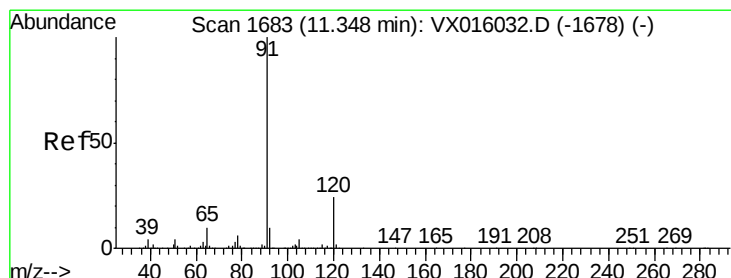
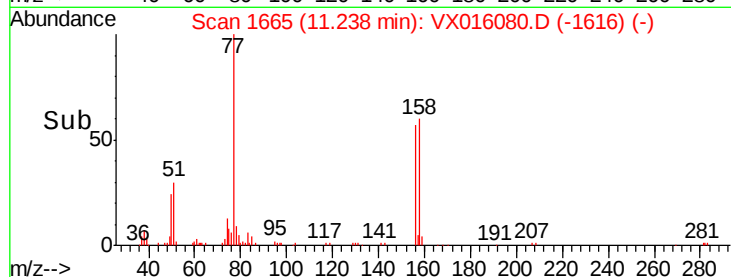
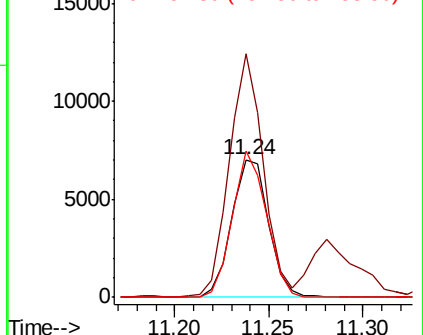
158 97.2 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.288 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016080.D

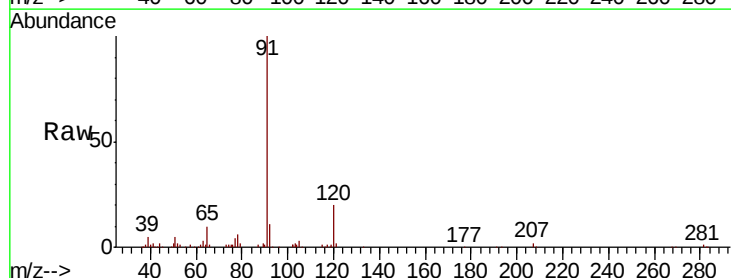
Acq: 06 May 2020 13:50

Tgt Ion: 91 Resp: 41342

Ion Ratio Lower Upper

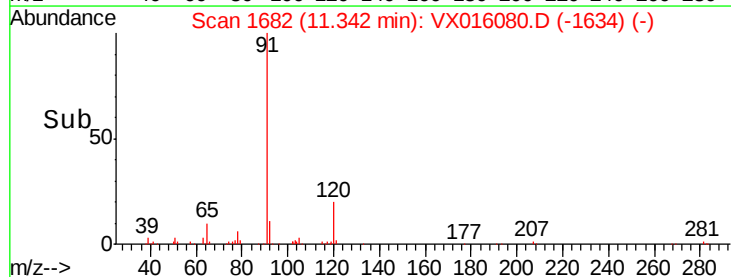
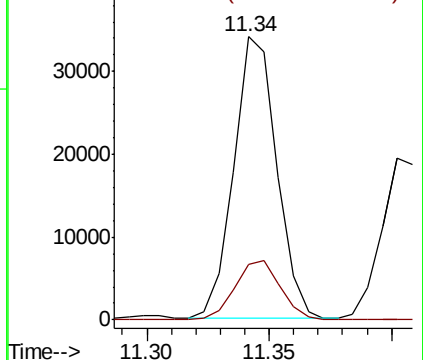
91 100

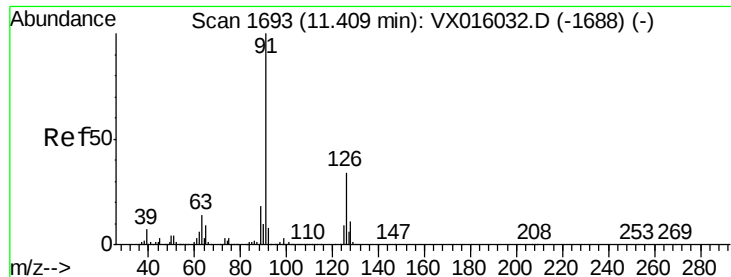
120 22.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

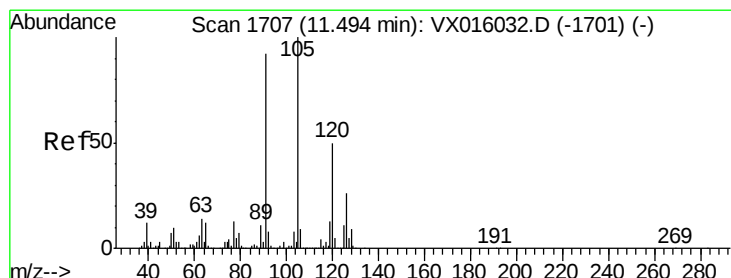
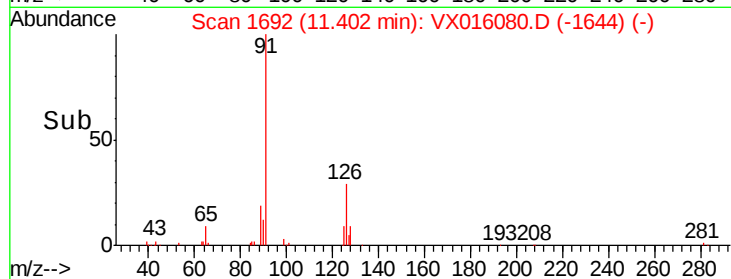
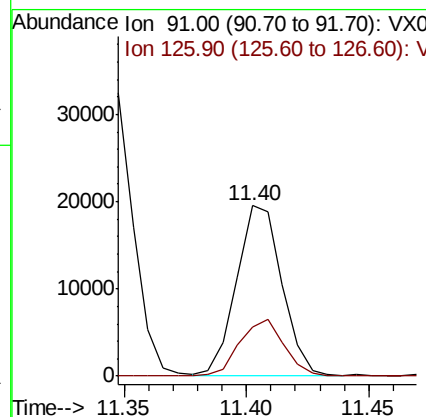
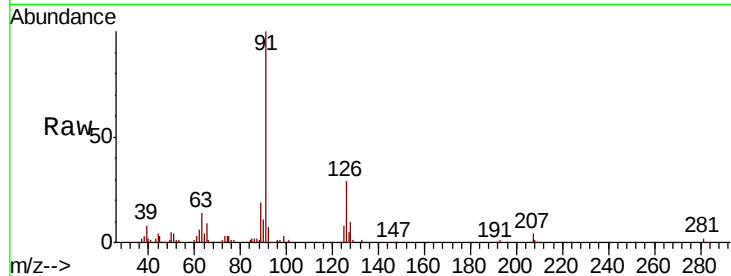




#79
 2-Chlorotoluene
 Concen: 2.340 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

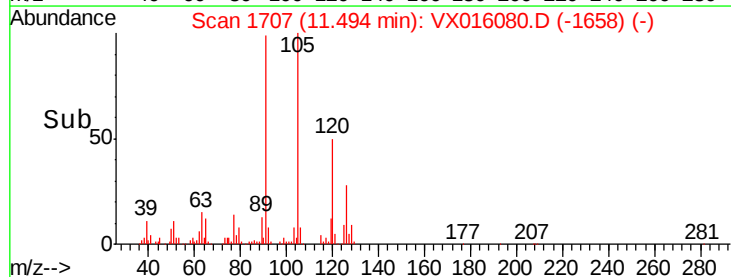
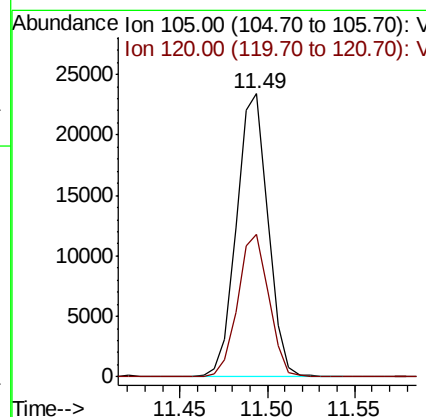
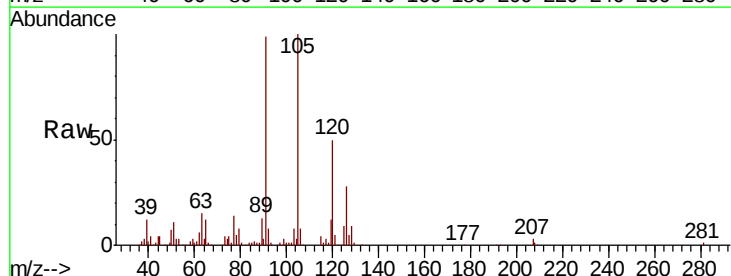
Instrument :
 MSVOA_X
 ClientSampleId :

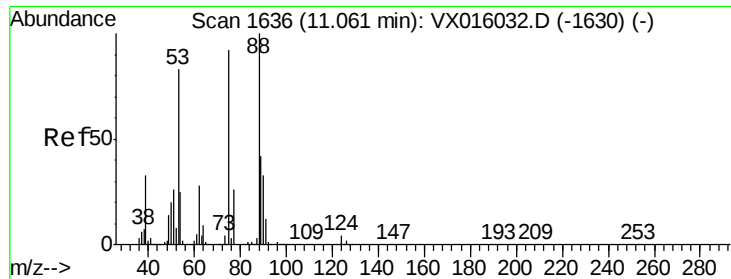
Tot Ion: 91 Resp: 24960
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 2.238 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion: 105 Resp: 29348
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 2.028 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

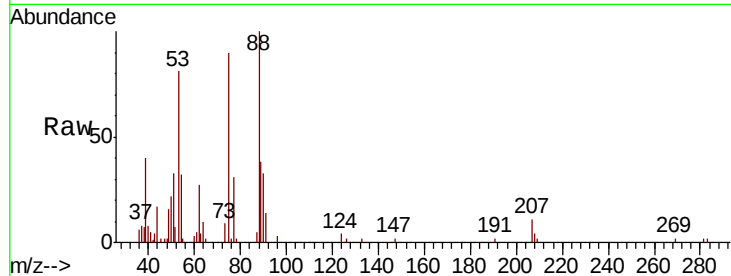
Tot Ion: 75 Resp: 4123

Ion Ratio Lower Upper

75 100

53 96.5 73.1 109.7

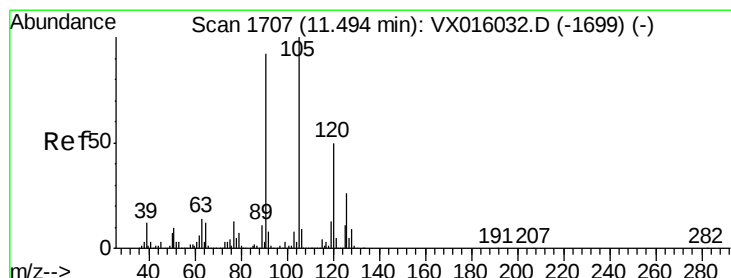
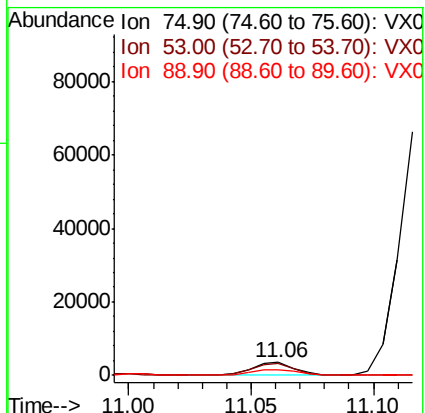
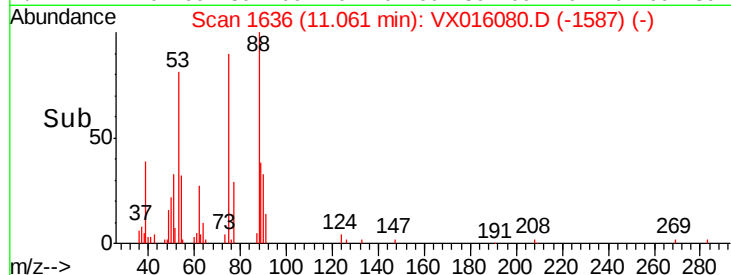
89 49.5 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 2.328 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016080.D

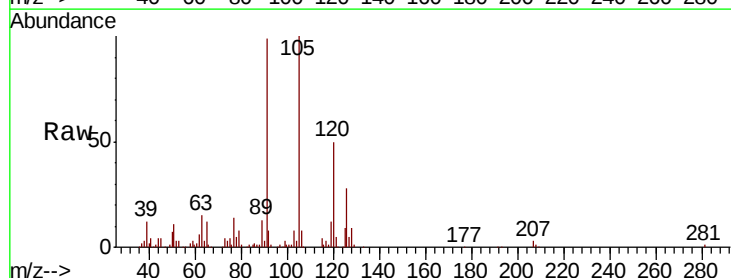
Acq: 06 May 2020 13:50

Tgt Ion: 91 Resp: 29326

Ion Ratio Lower Upper

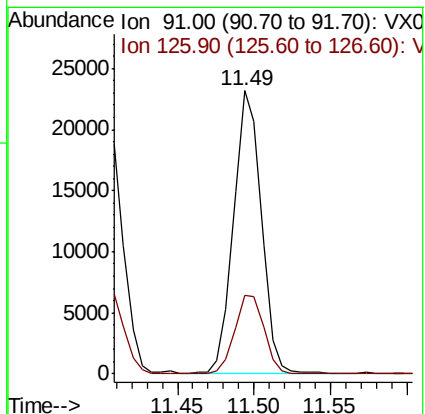
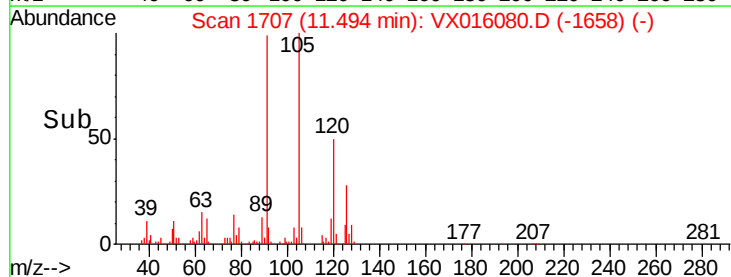
91 100

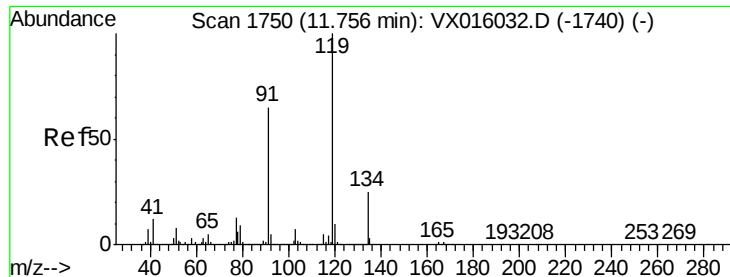
126 29.3 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

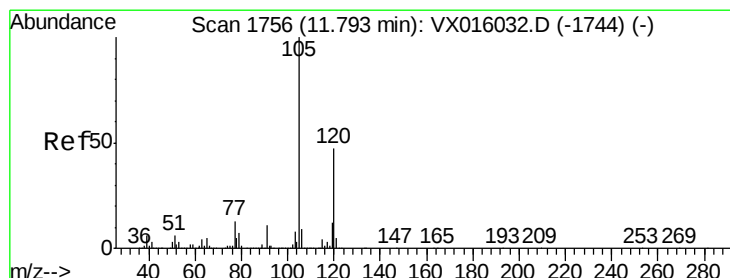
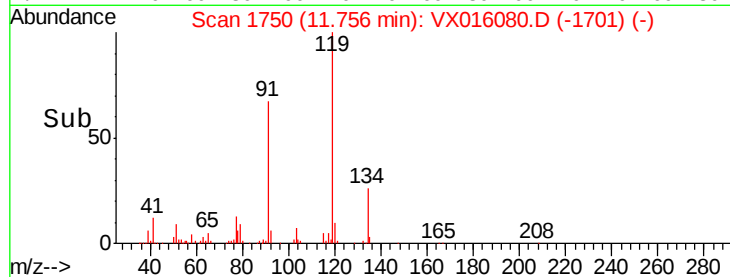
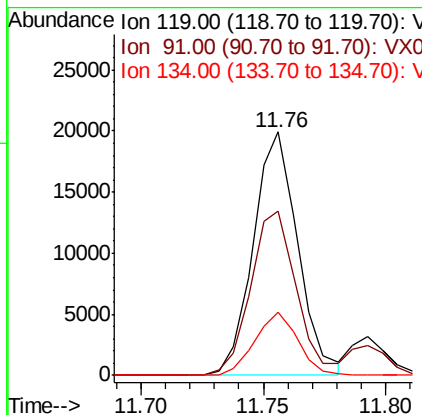
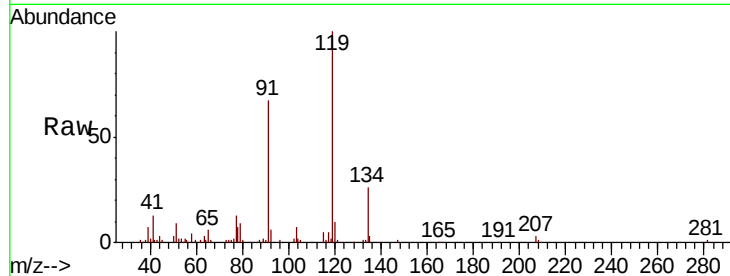




#83
tert-Butylbenzene
Concen: 2.229 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

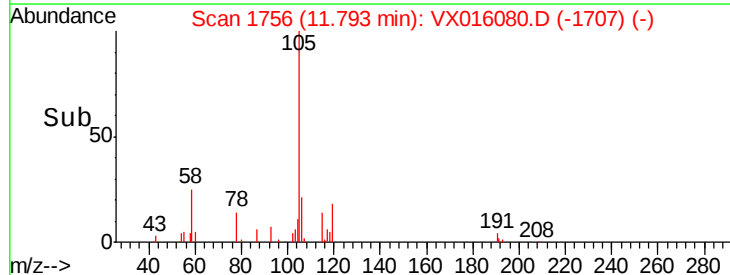
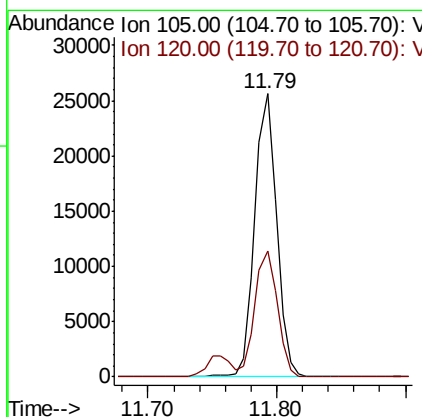
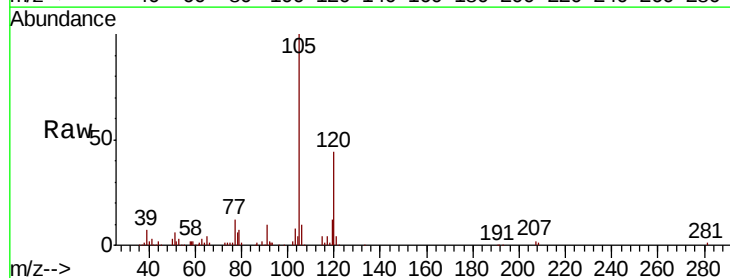
Instrument :
MSVOA_X
ClientSampled :

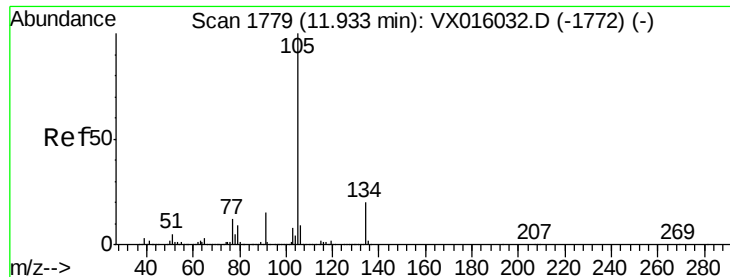
Tot Ion	Ratio	Lower	Upper
119	100		
91	69.6	32.8	98.4
134	24.8	12.4	37.0



#84
1,2,4-Trimethylbenzene
Concen: 2.256 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016080.D
Acq: 06 May 2020 13:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 2.275 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

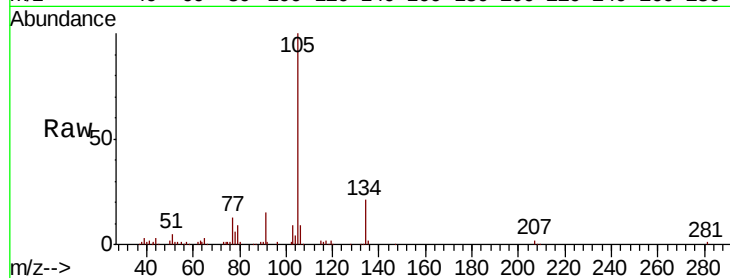
ClientSampleId :

Tot Ion:105 Resp: 34722

Ion Ratio Lower Upper

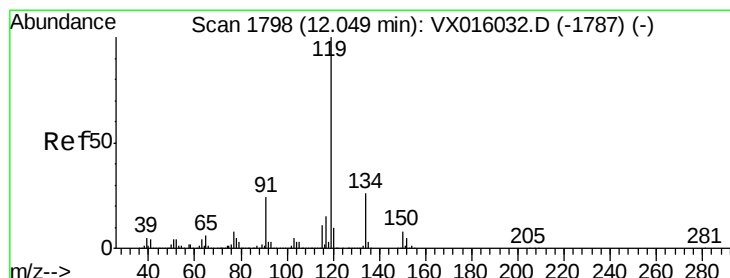
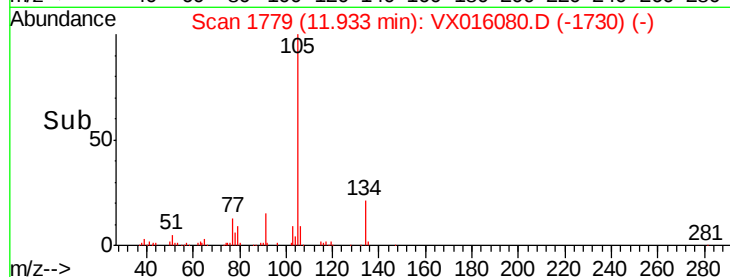
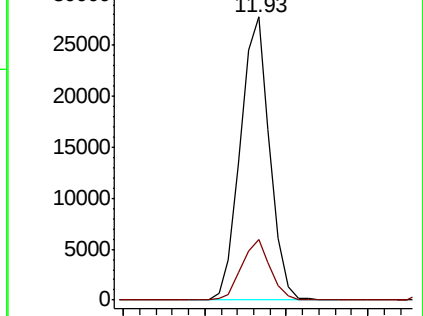
105 100

134 20.7 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.292 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

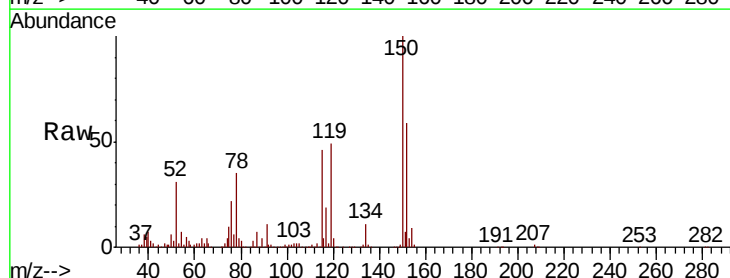
Tgt Ion:119 Resp: 32471

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

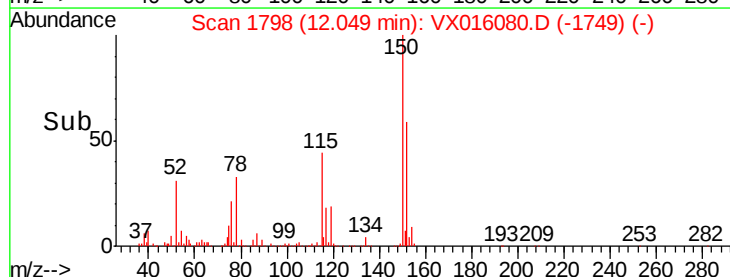
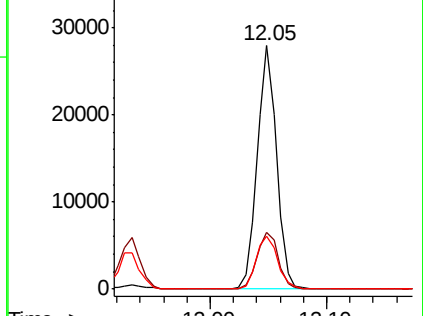
91 24.7 11.8 35.4

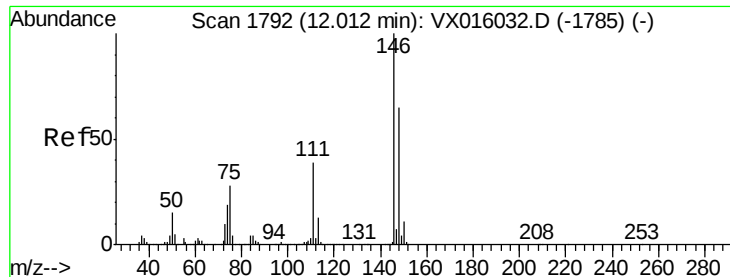


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

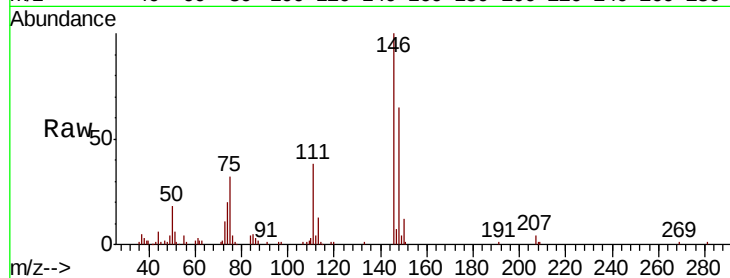




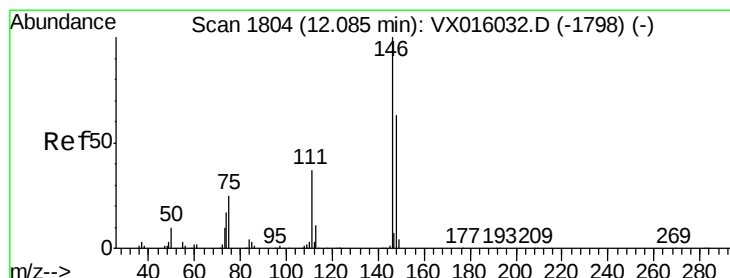
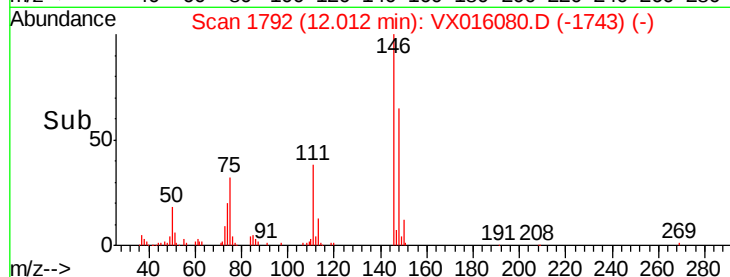
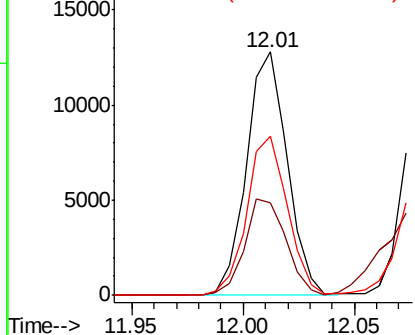
#87
 1,3-Dichlorobenzene
 Concen: 2.264 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	65.4	32.1	96.3

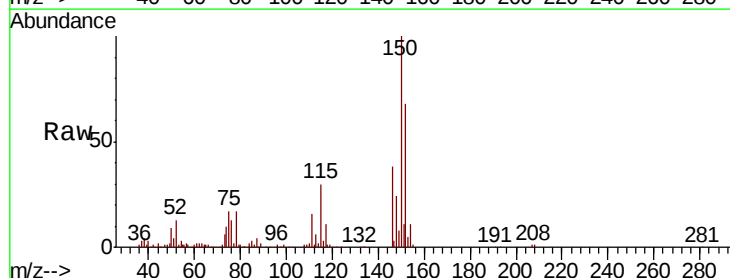


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

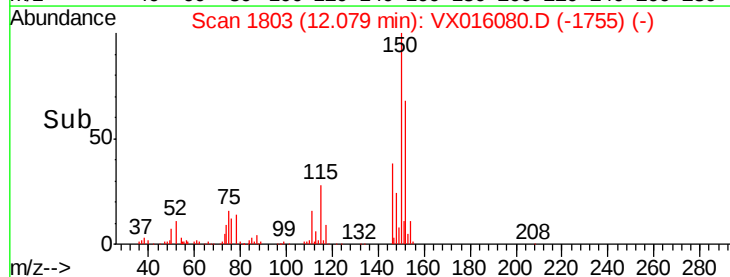
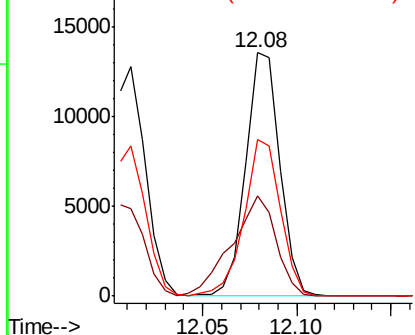


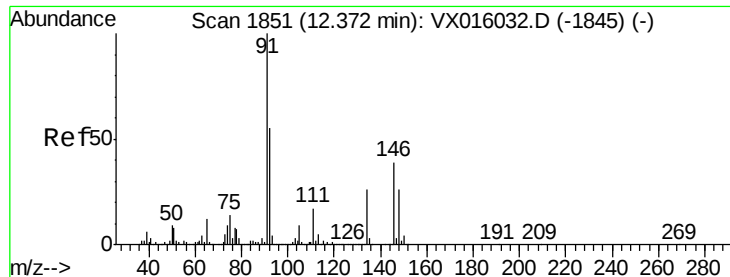
#88
 1,4-Dichlorobenzene
 Concen: 2.336 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	53.4	19.6	58.7
148	68.3	31.8	95.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 2.118 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

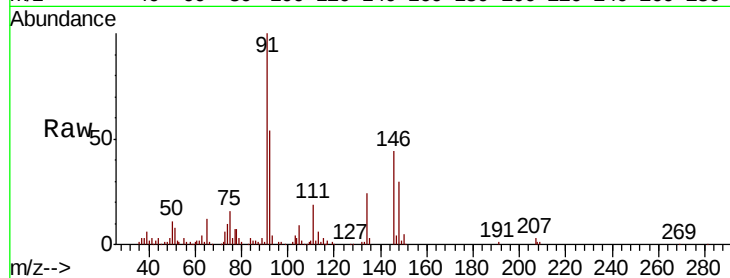
Tot Ion: 91 Resp: 27412

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

134 25.9 13.4 40.1

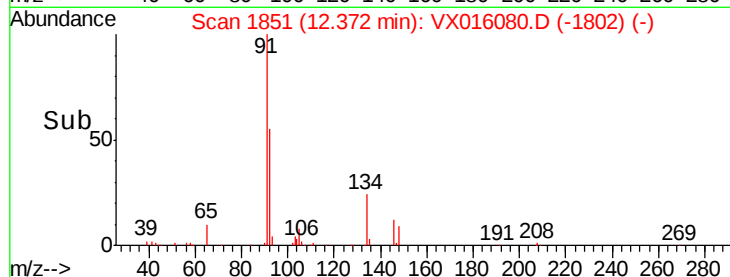


Abundance Ion 91.00 (90.70 to 91.70): VX016080.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016080.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016080.D (-1845) (-)

Time-->

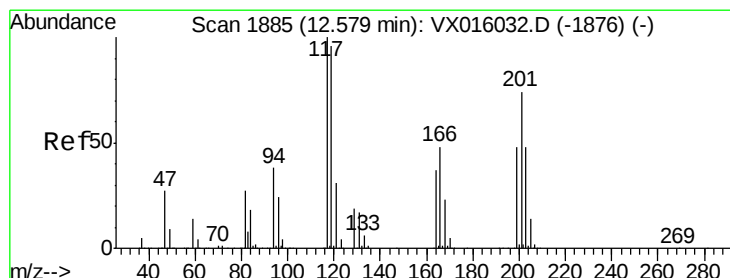


Abundance Ion 91.00 (90.70 to 91.70): VX016080.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016080.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016080.D (-1802) (-)

Time-->



#90

Hexachloroethane

Concen: 2.086 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016080.D

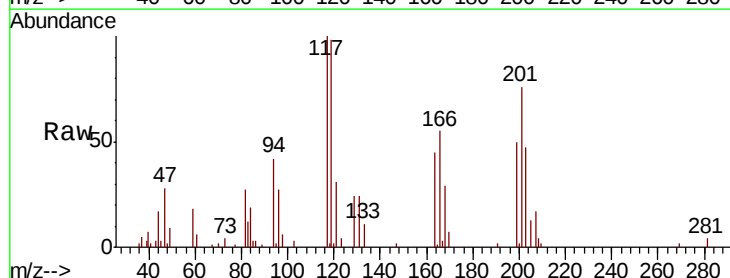
Acq: 06 May 2020 13:50

Tgt Ion: 117 Resp: 5075

Ion Ratio Lower Upper

117 100

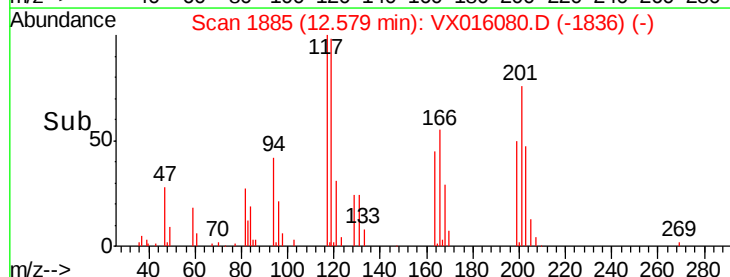
201 76.6 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016080.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016080.D (-1876) (-)

Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX016080.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016080.D (-1836) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 2.326 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

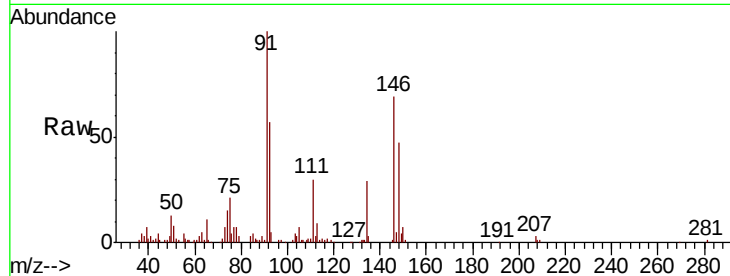
Tot Ion:146 Resp: 16124

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.1

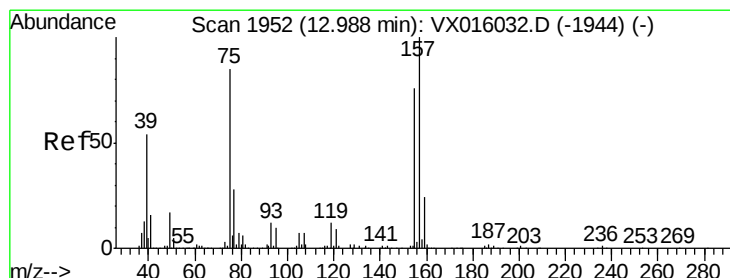
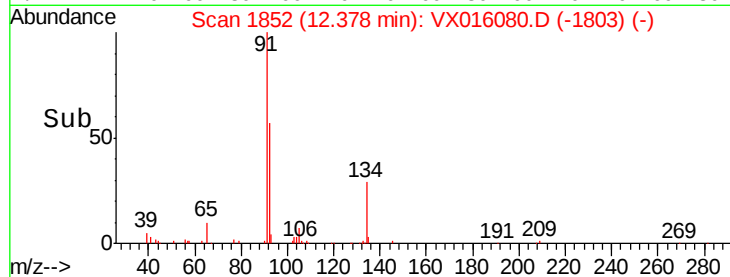
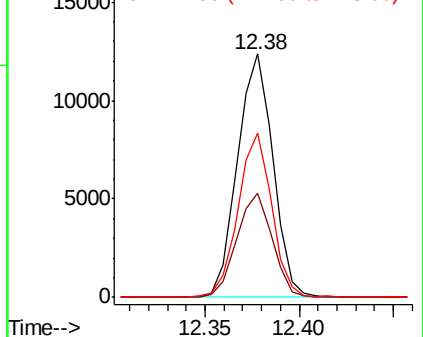
148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.218 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

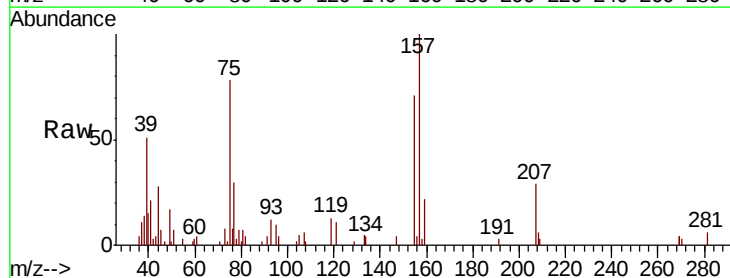
Tgt Ion: 75 Resp: 2833

Ion Ratio Lower Upper

75 100

155 82.0 42.5 127.5

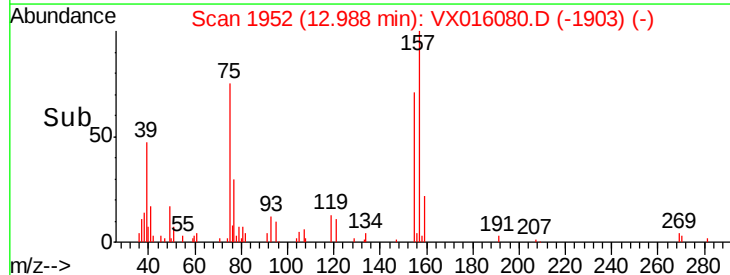
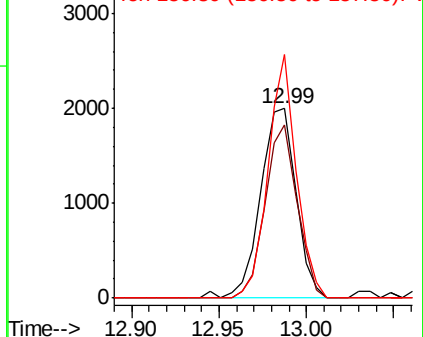
157 101.9 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

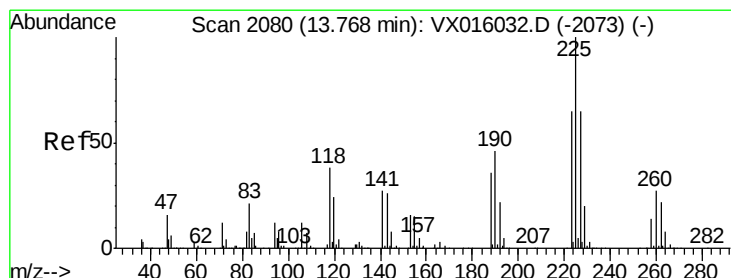
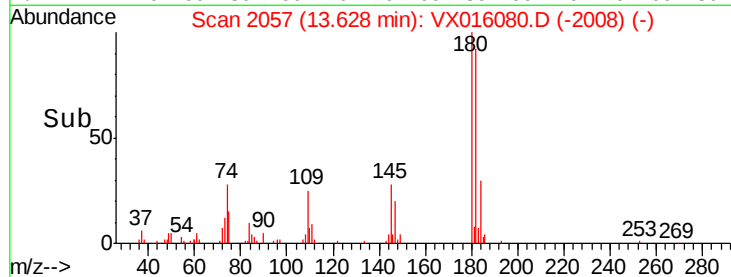
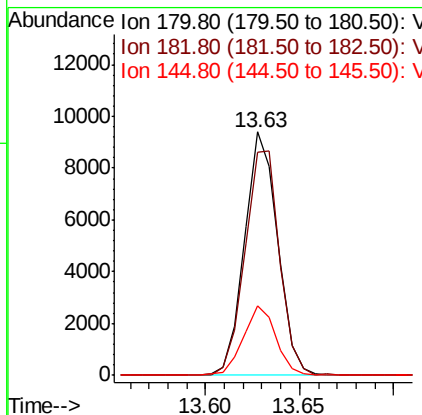
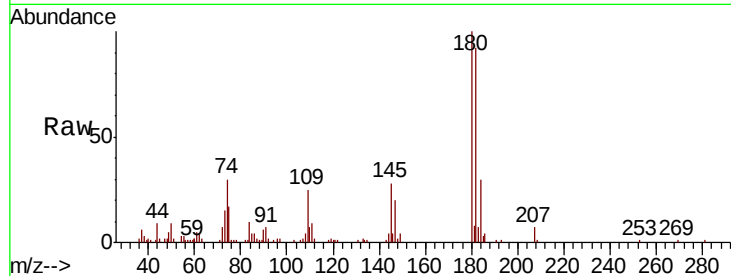




#93
 1,2,4-Trichlorobenzene
 Concen: 2.225 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

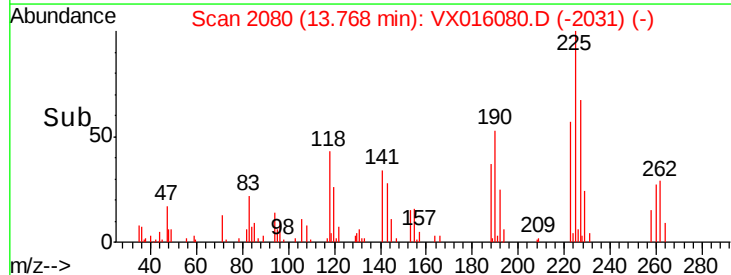
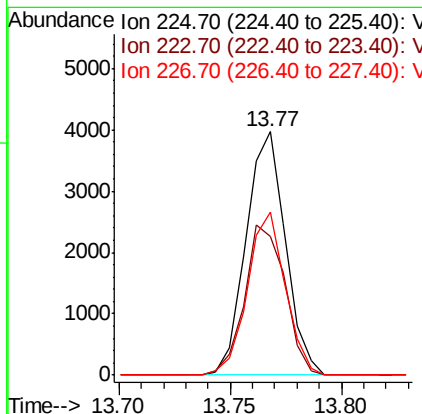
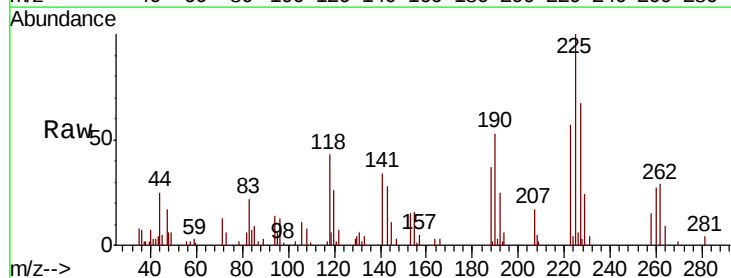
Instrument :
 MSVOA_X
 ClientSampleId :

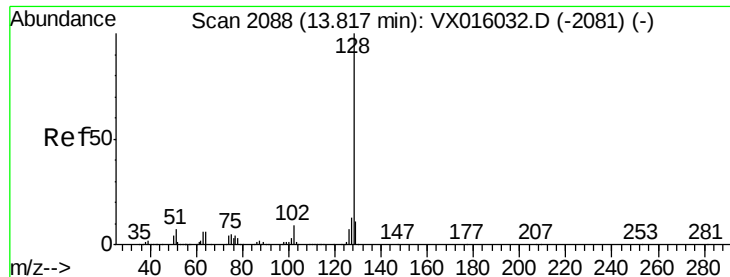
Tot Ion:180 Resp: 11416
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.7 146.1
 145 28.2 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 2.064 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016080.D
 Acq: 06 May 2020 13:50

Tgt Ion:225 Resp: 4898
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.3 96.9
 227 64.4 31.8 95.4





#95

Naphthalene

Concen: 2.164 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

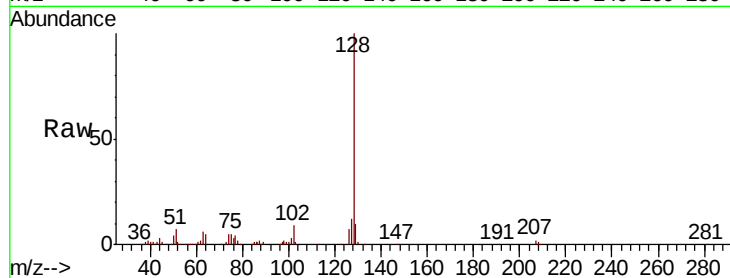
Tot Ion:128 Resp: 35963

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

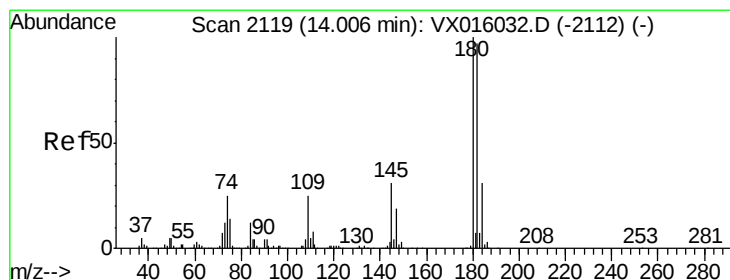
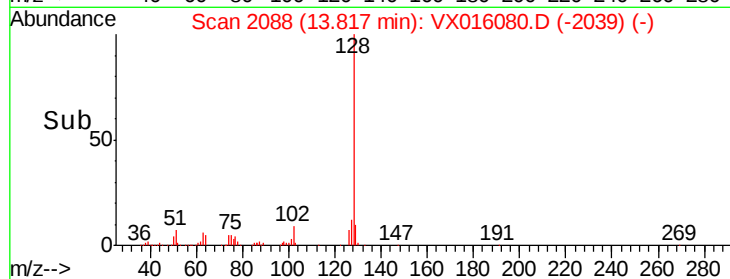
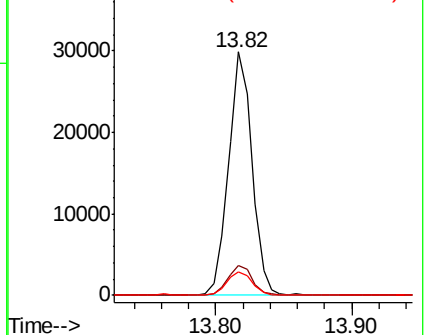
129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.192 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016080.D

Acq: 06 May 2020 13:50

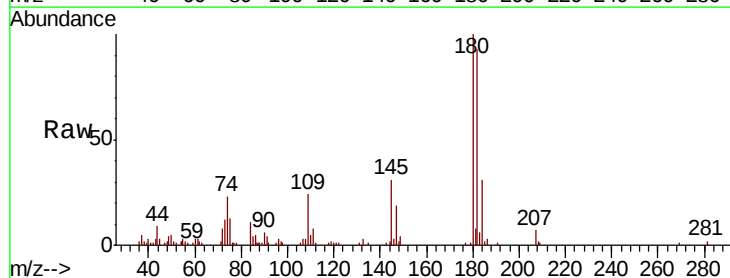
Tgt Ion:180 Resp: 10994

Ion Ratio Lower Upper

180 100

182 99.7 48.4 145.0

145 32.7 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

