

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016560.D
 Acq On : 03 Jun 2020 12:08
 Operator : JC/SP
 Sample : VX0603WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 08:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	416901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	161524	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	5.46	113	128220	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.70	98	502632	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	184913	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	47848	17.713	ug/l	96
3) Chloromethane	1.31	50	55246	16.924	ug/l	99
4) Vinyl Chloride	1.39	62	58071	16.821	ug/l	99
5) Bromomethane	1.63	94	37327	22.238	ug/l	99
6) Chloroethane	1.71	64	36161	17.957	ug/l	98
7) Trichlorofluoromethane	1.92	101	82376	18.170	ug/l	99
8) Diethyl Ether	2.17	74	33555	17.750	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	45857	18.378	ug/l	98
10) Methyl Iodide	2.49	142	44540	17.083	ug/l	99
11) Tert butyl alcohol	3.01	59	68463	78.322	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46170	17.481	ug/l	99
13) Acrolein	2.27	56	40653	109.328	ug/l	98
14) Allyl chloride	2.71	41	82444	16.973	ug/l	98
15) Acrylonitrile	3.11	53	155429	86.803	ug/l	98
16) Acetone	2.42	43	122252	81.857	ug/l	99
17) Carbon Disulfide	2.55	76	130335	16.617	ug/l	98
18) Methyl Acetate	2.75	43	67712	17.677	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	173909	18.337	ug/l	97
20) Methylene Chloride	2.83	84	54401	17.606	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	51273	17.550	ug/l	94
22) Diisopropyl ether	3.82	45	163603	17.533	ug/l	94
23) Vinyl Acetate	3.78	43	710834	87.032	ug/l	98
24) 1,1-Dichloroethane	3.67	63	92965	17.652	ug/l	98
25) 2-Butanone	4.63	43	207623	82.043	ug/l	97
26) 2,2-Dichloropropane	4.54	77	83002	19.260	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	60456	17.888	ug/l	98
28) Bromochloromethane	4.98	49	45262	18.494	ug/l	94
29) Tetrahydrofuran	5.09	42	134542	82.293	ug/l	95
30) Chloroform	5.18	83	95668	18.028	ug/l	99
31) Cyclohexane	5.55	56	81608	17.224	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	85492	17.795	ug/l	100
36) 1,1-Dichloropropene	5.76	75	70466	17.852	ug/l	99
37) Ethyl Acetate	4.79	43	82336	17.374	ug/l	99
38) Carbon Tetrachloride	5.76	117	76382	18.413	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 08:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82077	19.144	ug/l	98
40) Benzene	6.11	78	214110	18.215	ug/l	100
41) Methacrylonitrile	5.00	41	44689	17.168	ug/l	97
42) 1,2-Dichloroethane	6.16	62	76624	18.330	ug/l	99
43) Isopropyl Acetate	6.41	43	128905	17.438	ug/l	98
44) Trichloroethene	7.19	130	68177	18.280	ug/l	97
45) 1,2-Dichloropropane	7.49	63	54581	18.239	ug/l	100
46) Dibromomethane	7.64	93	37251	18.533	ug/l	98
47) Bromodichloromethane	7.87	83	76737	18.438	ug/l	97
48) Methyl methacrylate	7.74	41	61220	17.297	ug/l	95
49) 1,4-Dioxane	7.71	88	26446	319.286	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	401793	87.295	ug/l	98
52) Toluene	8.76	92	137712	18.578	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87387	18.466	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	92665	18.499	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54443	18.473	ug/l	95
56) Ethyl methacrylate	9.16	69	86562	18.034	ug/l	99
57) 1,3-Dichloropropane	9.35	76	95173	18.814	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	232104	92.643	ug/l	96
59) 2-Hexanone	9.47	43	308781	86.268	ug/l	98
60) Dibromochloromethane	9.57	129	61065	18.412	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57730	18.292	ug/l	99
64) Tetrachloroethene	9.32	164	79485	18.648	ug/l	97
65) Chlorobenzene	10.12	112	145481	18.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55243	18.632	ug/l	99
67) Ethyl Benzene	10.23	91	255681	18.489	ug/l	97
68) m/p-Xylenes	10.34	106	193539	37.747	ug/l	99
69) o-Xylene	10.68	106	93164	18.762	ug/l	97
70) Styrene	10.70	104	159385	18.674	ug/l	100
71) Bromoform	10.84	173	46993	18.754	ug/l	98
73) Isopropylbenzene	11.00	105	246725	18.589	ug/l	99
74) N-amyl acetate	10.88	43	105070	17.210	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	60898	18.307	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	101522	24.111	ug/l	84
77) Bromobenzene	11.24	156	63077	18.119	ug/l	98
78) n-propylbenzene	11.34	91	275758	18.596	ug/l	99
79) 2-Chlorotoluene	11.40	91	168010	18.562	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	208686	18.830	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30832	18.012	ug/l	97
82) 4-Chlorotoluene	11.49	91	195997	18.337	ug/l	100
83) tert-Butylbenzene	11.76	119	179228	18.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	211247	18.848	ug/l	99
85) sec-Butylbenzene	11.93	105	228683	19.251	ug/l	100
86) p-Isopropyltoluene	12.05	119	219331	19.710	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	111726	18.525	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	112069	18.169	ug/l	96
89) n-Butylbenzene	12.37	91	181311	19.562	ug/l	99
90) Hexachloroethane	12.58	117	35384	18.409	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	109880	18.805	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18015	16.720	ug/l	98

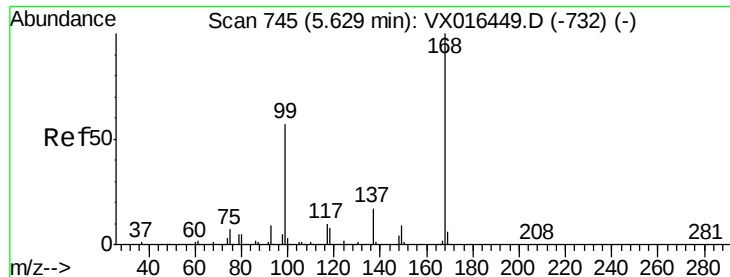
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74682	19.245	ug/l	98
94) Hexachlorobutadiene	13.77	225	34518	22.655	ug/l	96
95) Naphthalene	13.82	128	249274	18.737	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77064	20.270	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

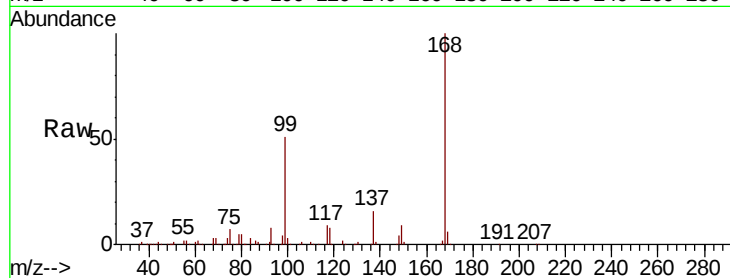
ClientSampleId :

Tot Ion:168 Resp: 274491

Ion Ratio Lower Upper

168 100

99 51.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

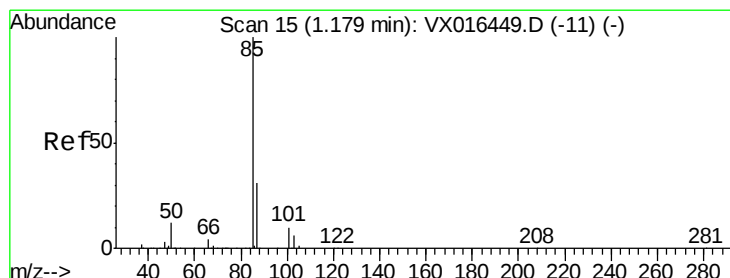
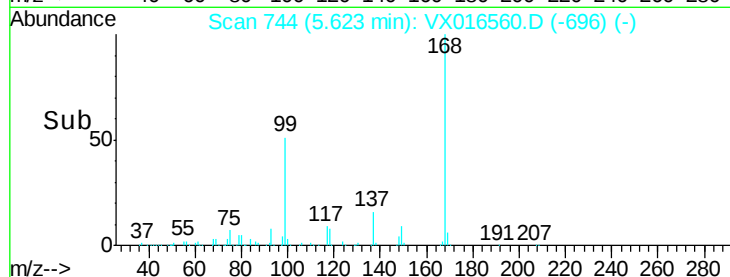
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.713 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016560.D

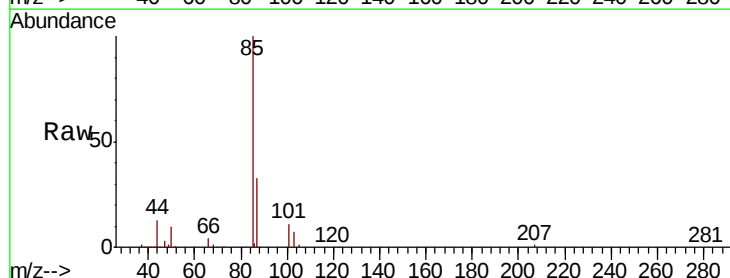
Acq: 03 Jun 2020 12:08

Tgt Ion: 85 Resp: 47848

Ion Ratio Lower Upper

85 100

87 33.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

30000

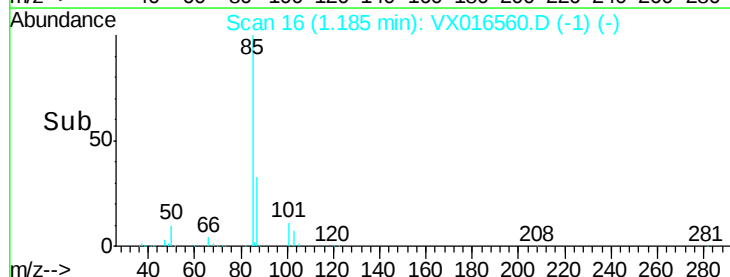
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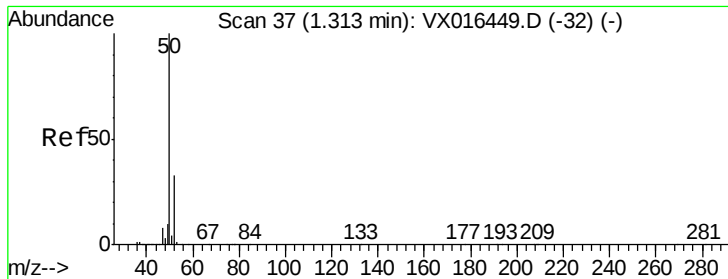
10000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.924 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

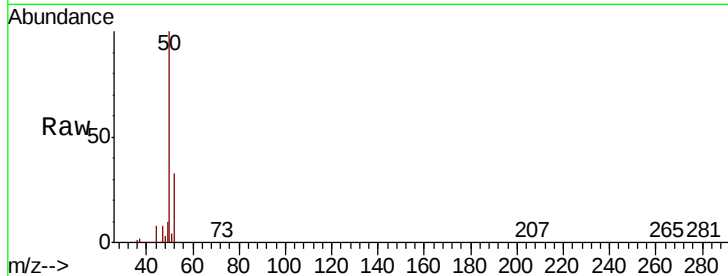
ClientSampleId :

Tot Ion: 50 Resp: 55246

Ion Ratio Lower Upper

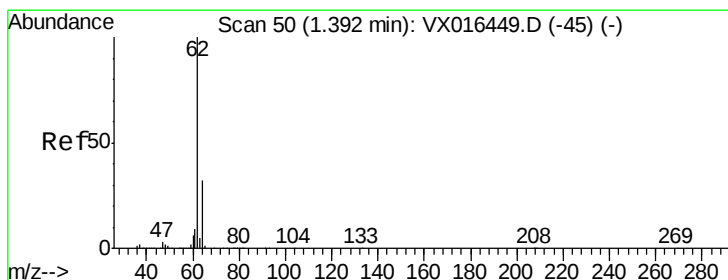
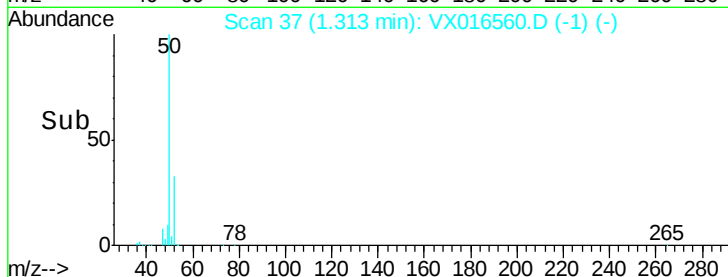
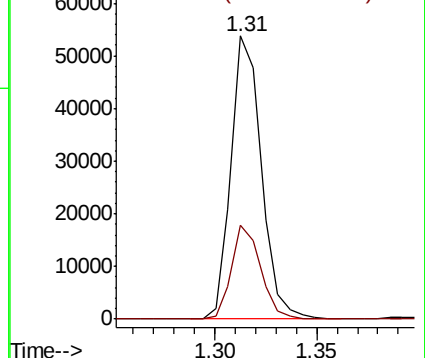
50 100

52 33.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.821 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016560.D

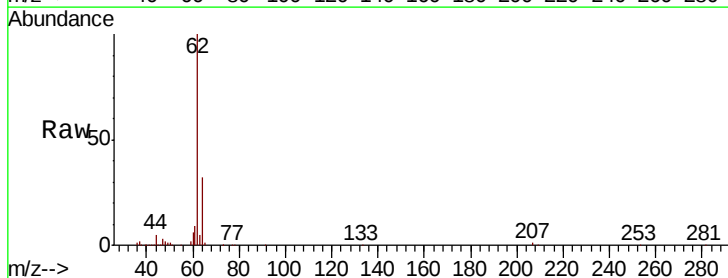
Acq: 03 Jun 2020 12:08

Tgt Ion: 62 Resp: 58071

Ion Ratio Lower Upper

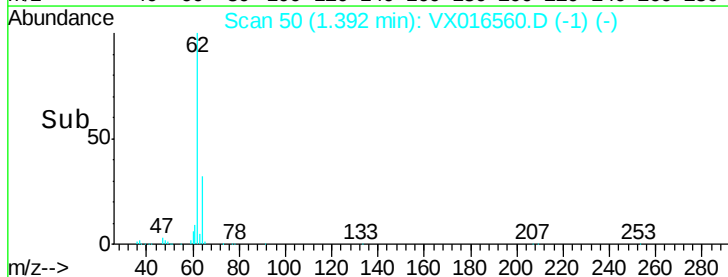
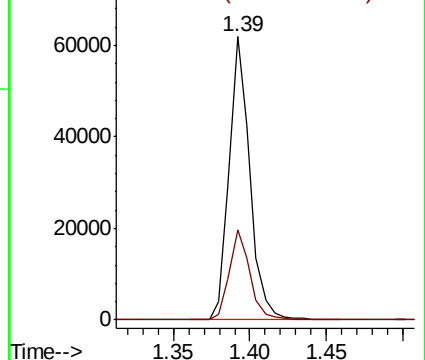
62 100

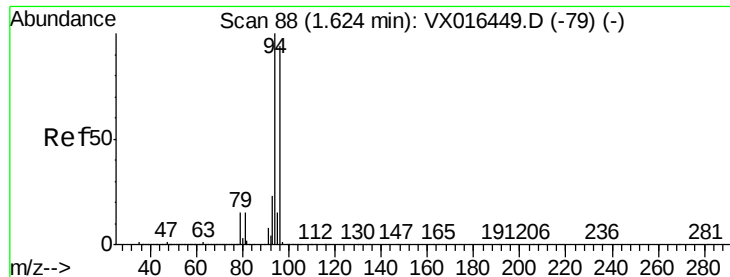
64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.238 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

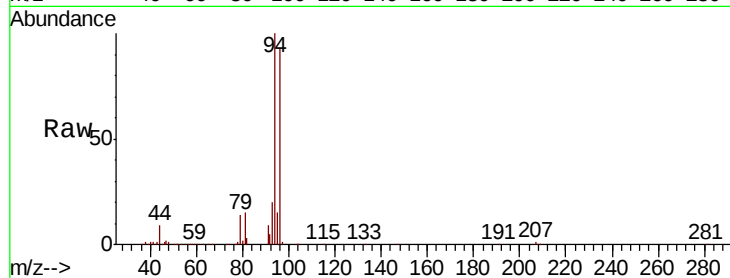
ClientSampleId :

Tot Ion: 94 Resp: 37327

Ion Ratio Lower Upper

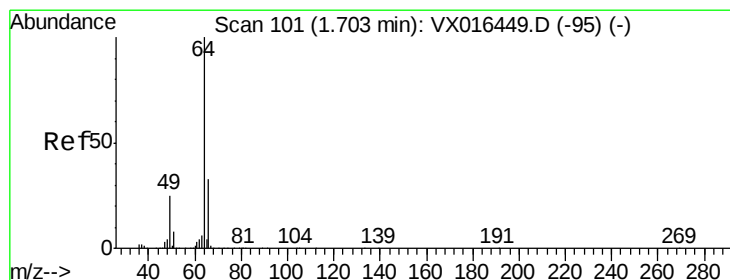
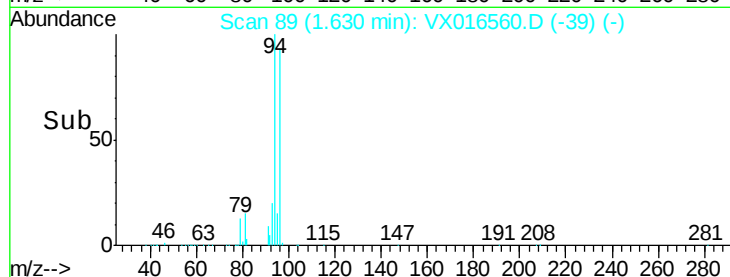
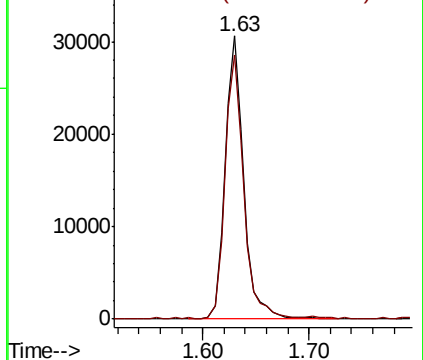
94 100

96 93.1 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.957 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016560.D

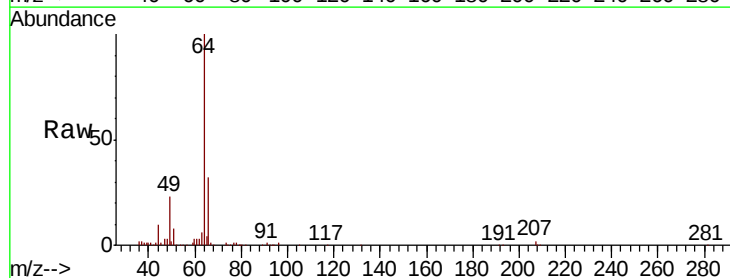
Acq: 03 Jun 2020 12:08

Tgt Ion: 64 Resp: 36161

Ion Ratio Lower Upper

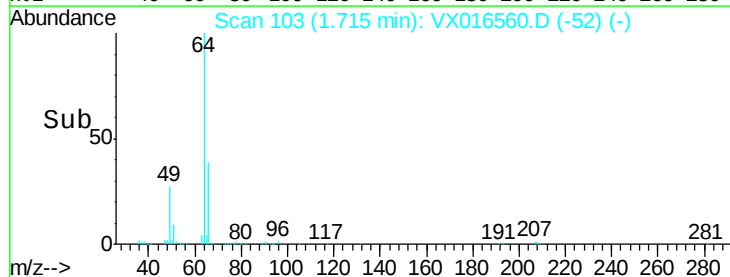
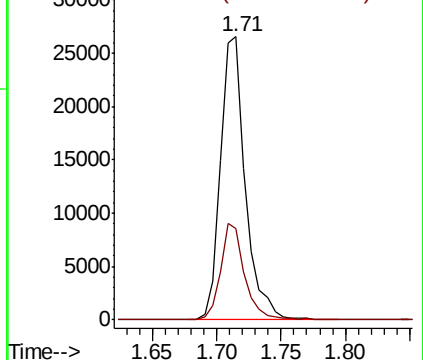
64 100

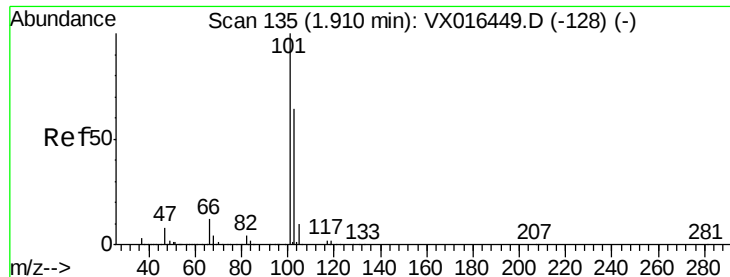
66 32.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



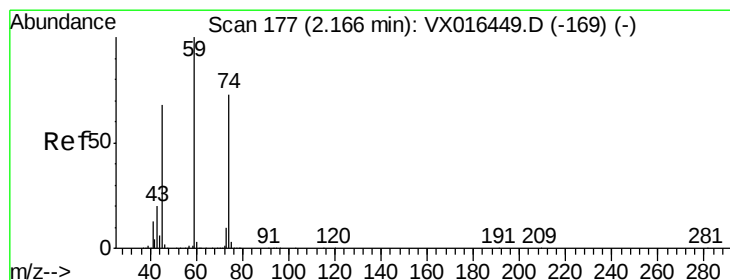
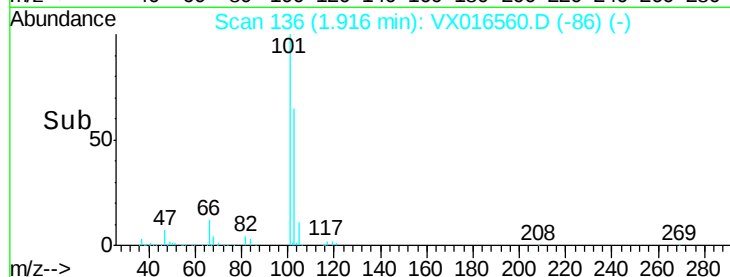
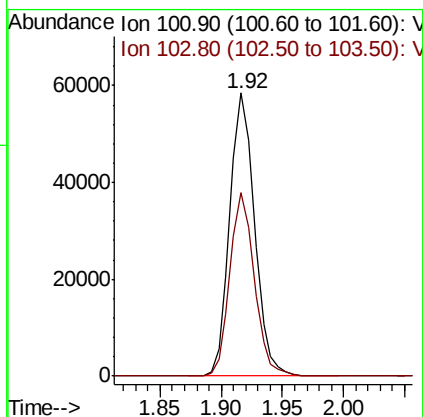
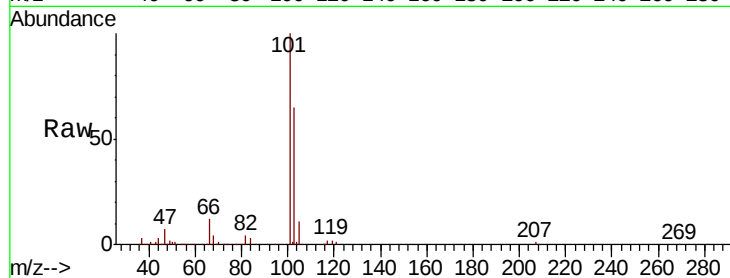


#7

Trichlorofluoromethane
Concen: 18.170 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

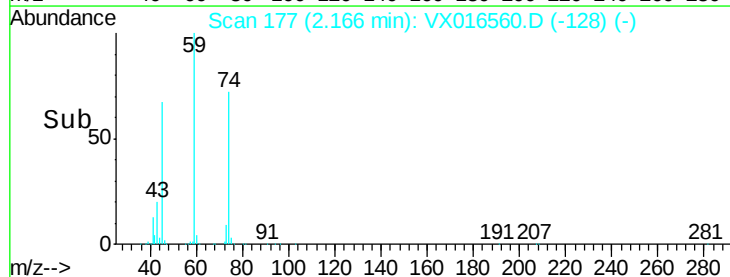
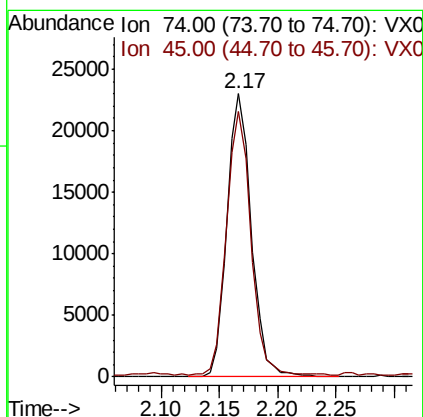
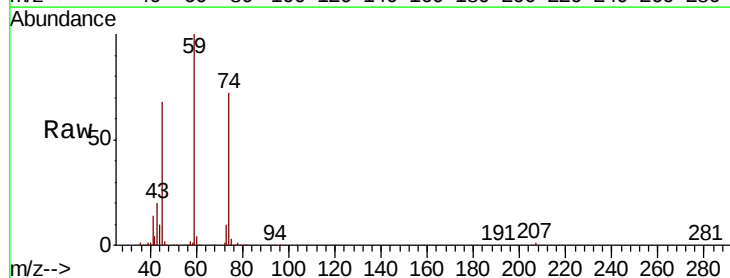
Tot Ion:101 Resp: 82376
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3

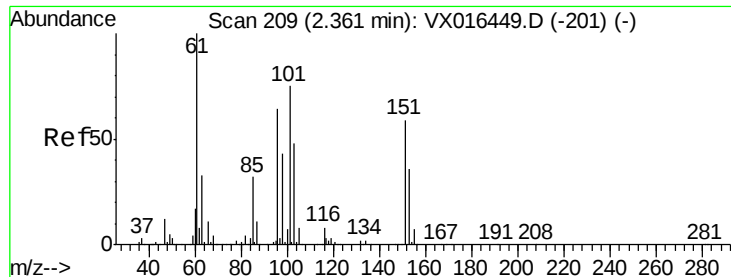


#8

Diethyl Ether
Concen: 17.750 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion: 74 Resp: 33555
Ion Ratio Lower Upper
74 100
45 93.3 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.378 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

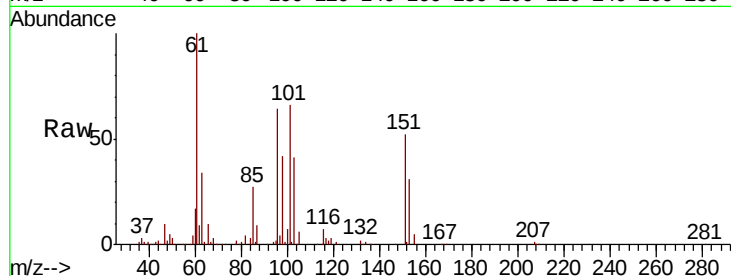
Tot Ion:101 Resp: 45857

Ion Ratio Lower Upper

101 100

85 42.2 34.4 51.6

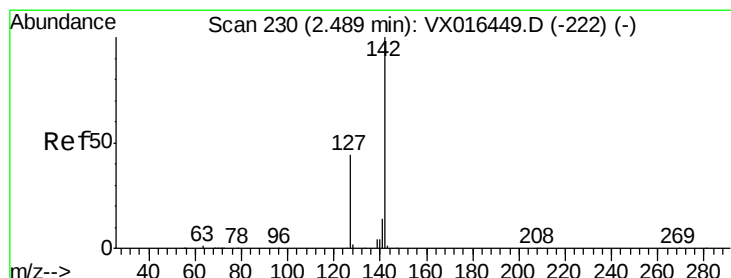
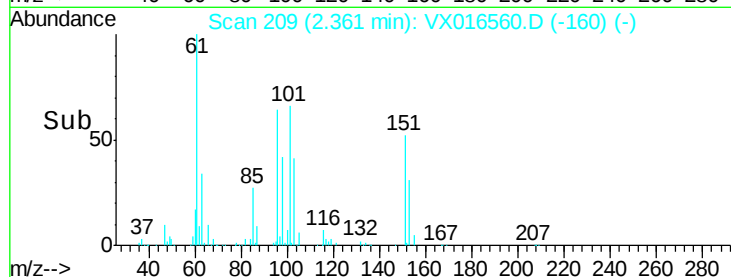
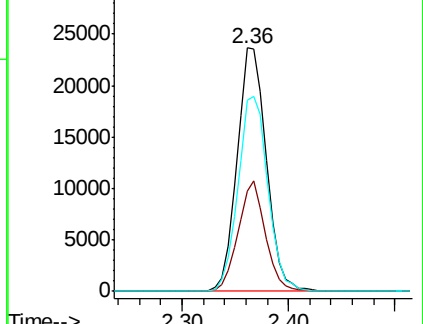
151 81.4 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.083 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

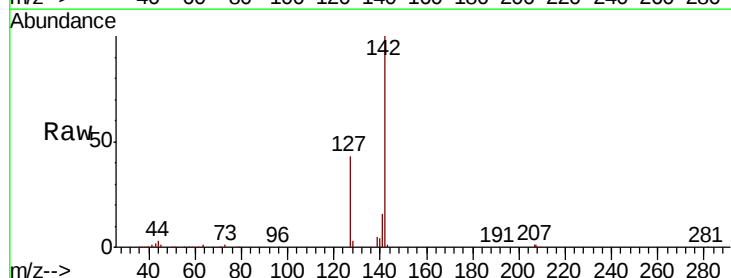
Tgt Ion:142 Resp: 44540

Ion Ratio Lower Upper

142 100

127 43.3 35.3 52.9

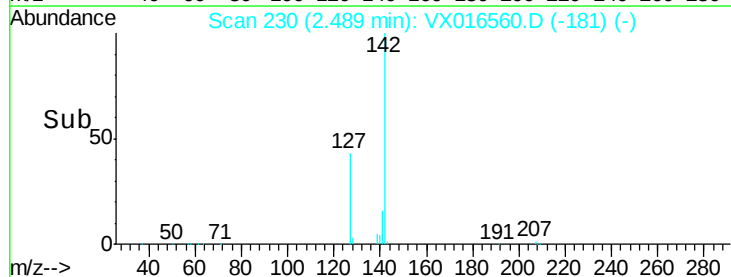
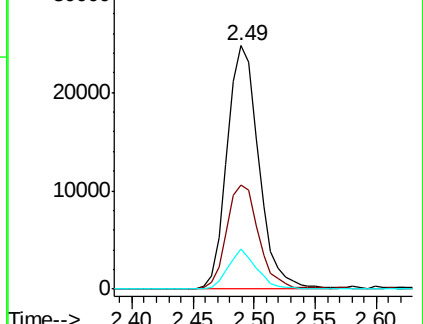
141 14.7 11.4 17.2

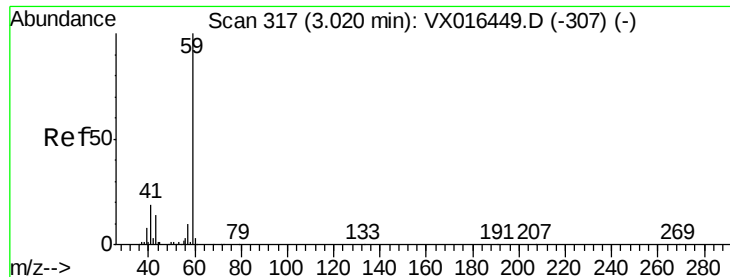


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



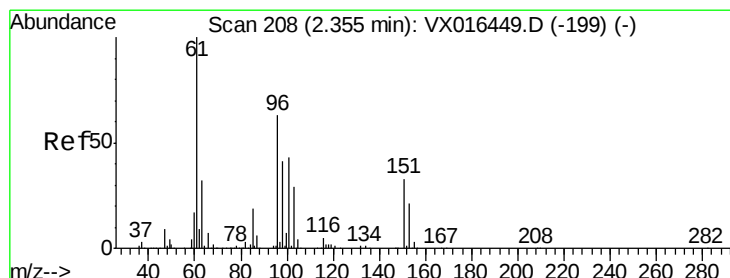
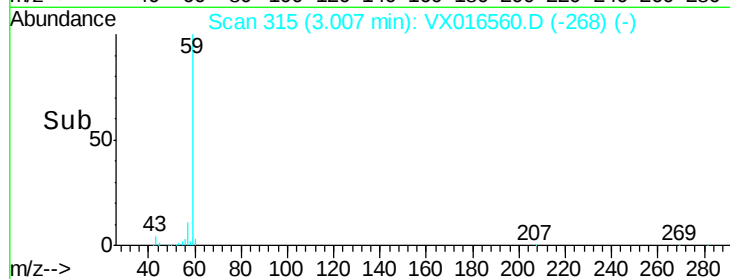
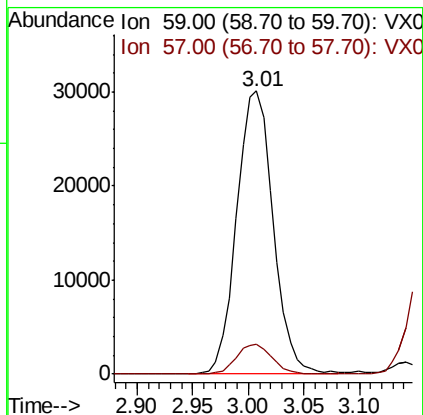
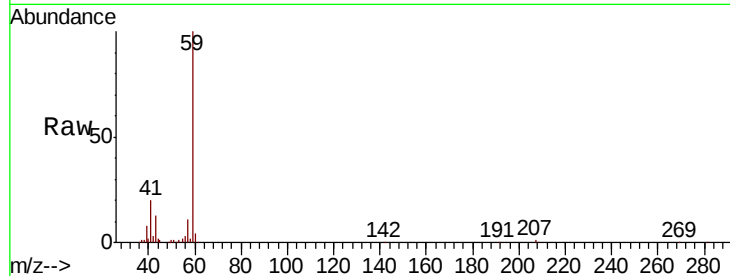


#11

Tert butyl alcohol
Concen: 78.322 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

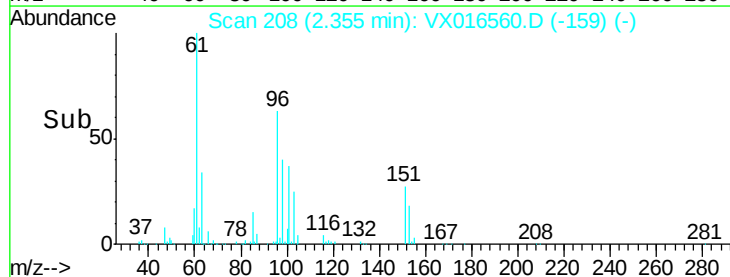
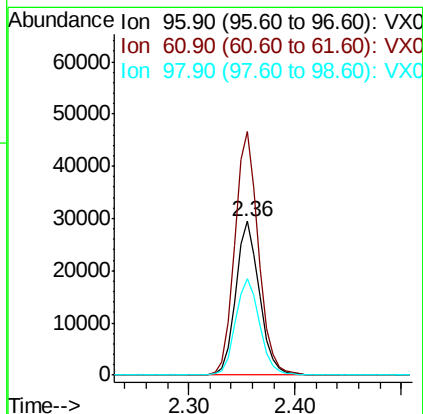
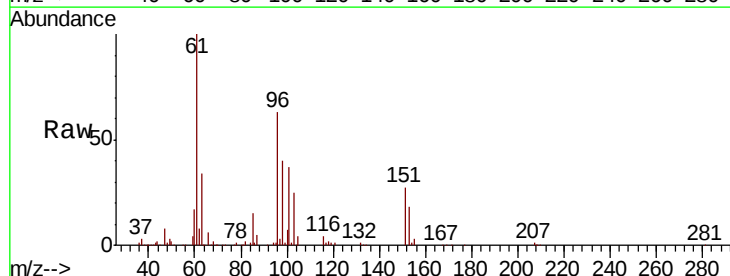
Tot Ion: 59 Resp: 68463
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

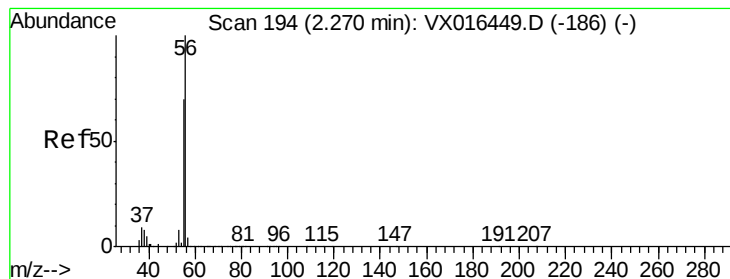


#12

1,1-Dichloroethene
Concen: 17.481 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion: 96 Resp: 46170
Ion Ratio Lower Upper
96 100
61 158.5 126.6 189.8
98 63.0 51.3 76.9





#13

Acrolein

Concen: 109.328 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

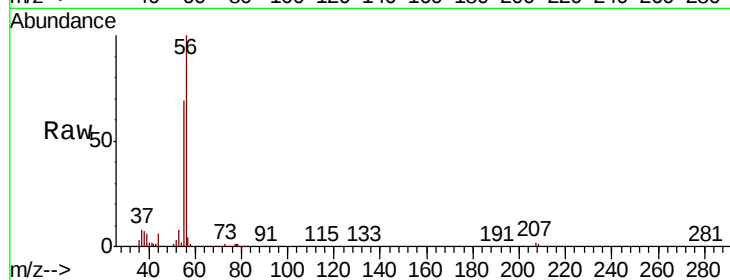
ClientSampleId :

Tot Ion: 56 Resp: 40653

Ion Ratio Lower Upper

56 100

55 71.4 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

25000

20000

15000

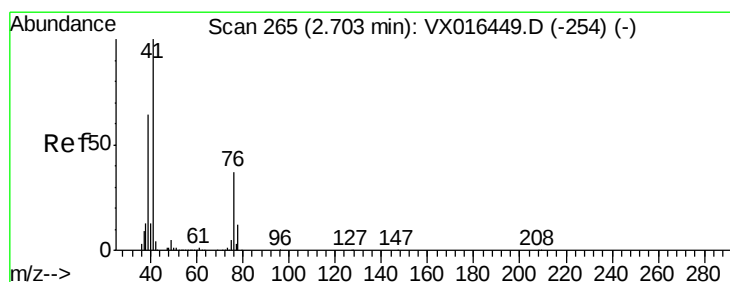
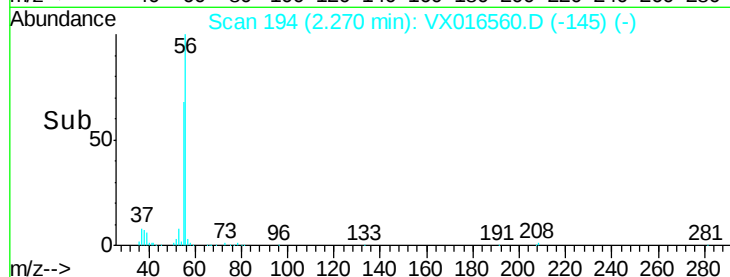
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 16.973 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

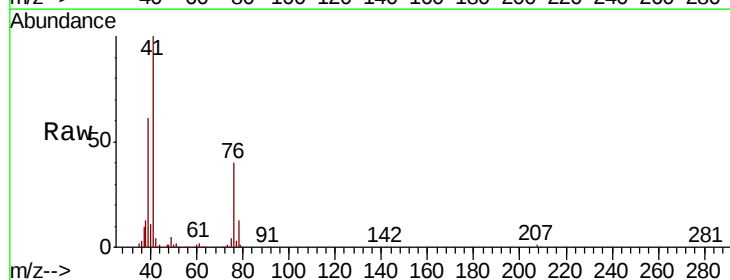
Tgt Ion: 41 Resp: 82444

Ion Ratio Lower Upper

41 100

39 58.9 47.7 71.5

76 34.7 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

100000

80000

60000

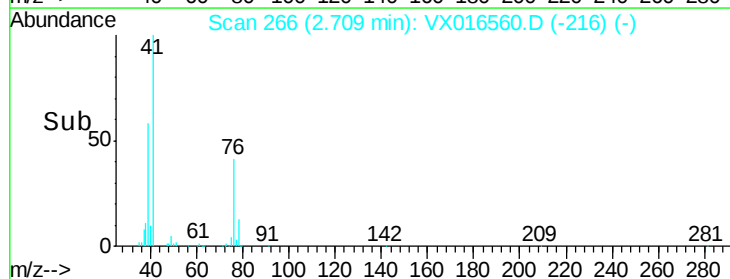
40000

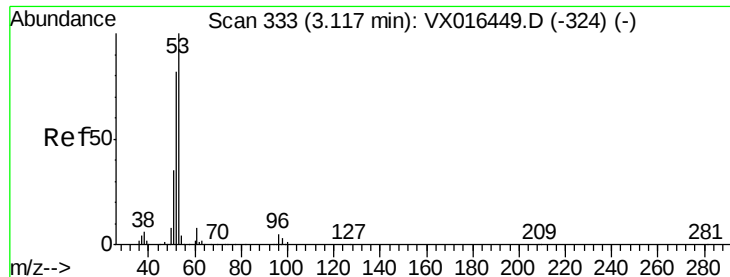
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 86.803 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

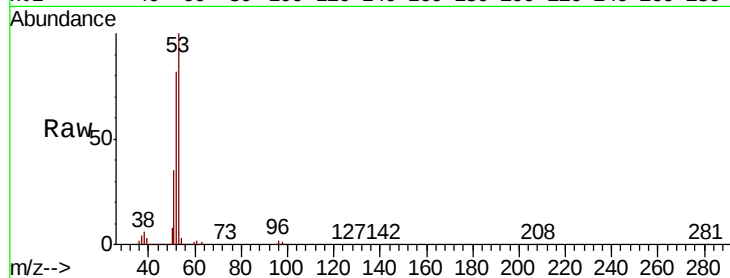
Tot Ion: 53 Resp: 155429

Ion Ratio Lower Upper

53 100

52 81.3 66.7 100.1

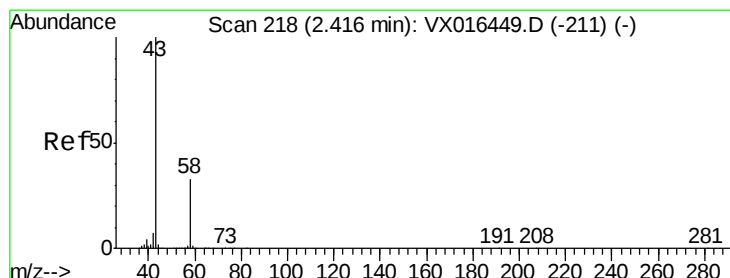
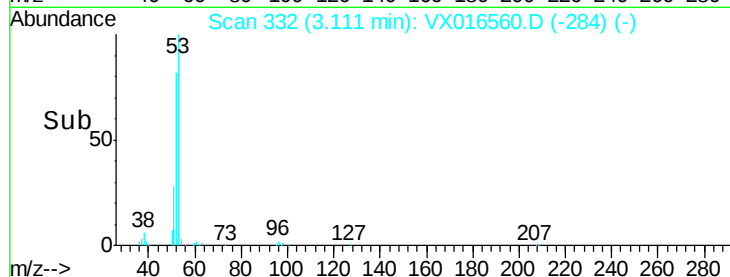
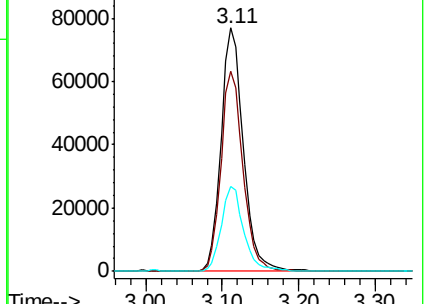
51 35.0 28.6 43.0



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: 81.857 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016560.D

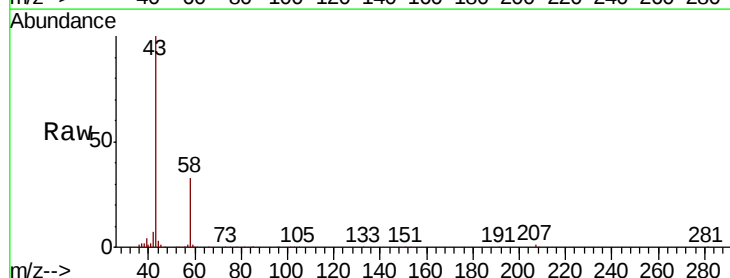
Acq: 03 Jun 2020 12:08

Tgt Ion: 43 Resp: 122252

Ion Ratio Lower Upper

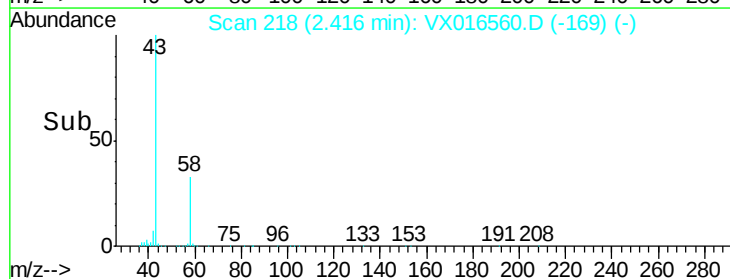
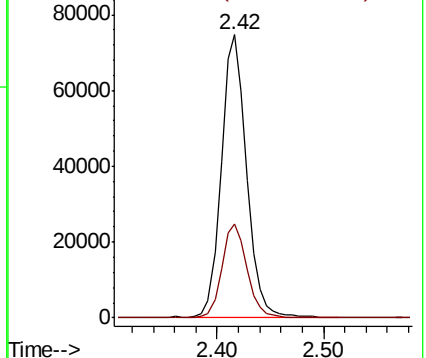
43 100

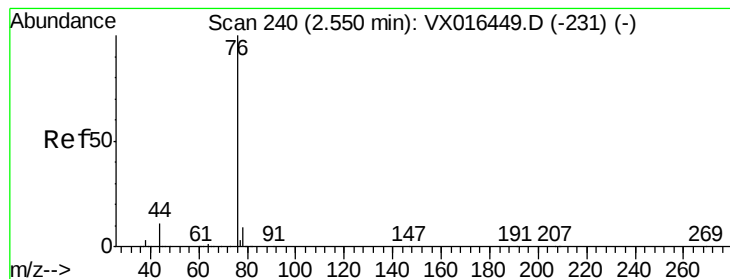
58 33.1 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.617 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

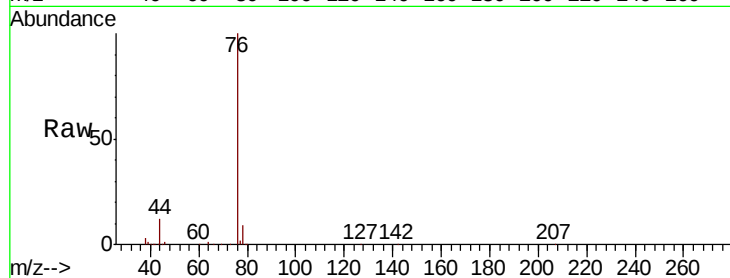
ClientSampleId :

Tot Ion: 76 Resp: 130335

Ion Ratio Lower Upper

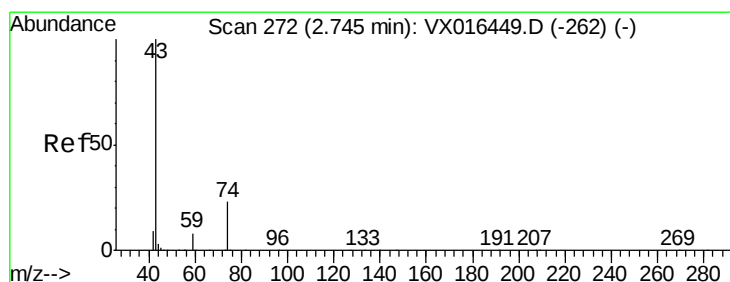
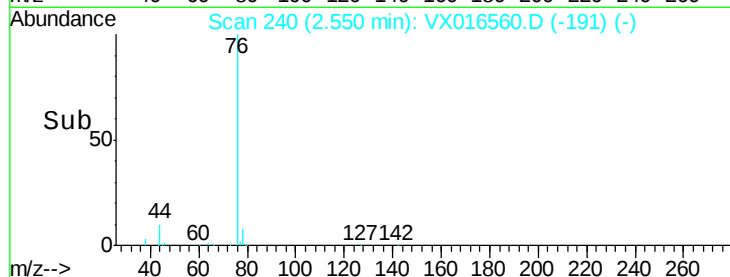
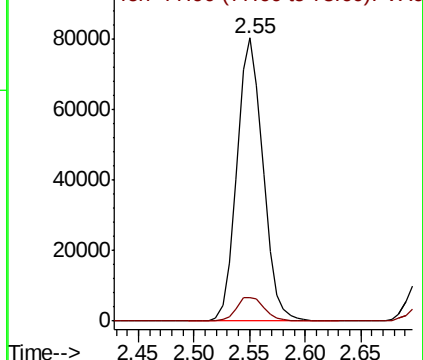
76 100

78 8.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.677 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016560.D

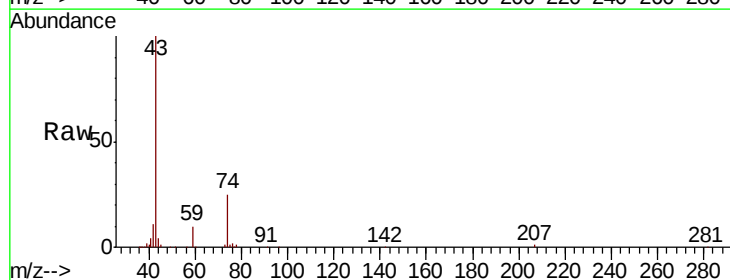
Acq: 03 Jun 2020 12:08

Tgt Ion: 43 Resp: 67712

Ion Ratio Lower Upper

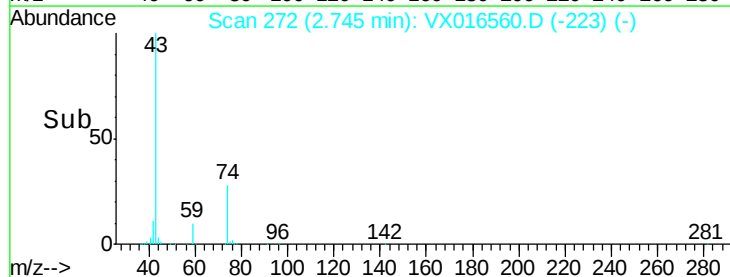
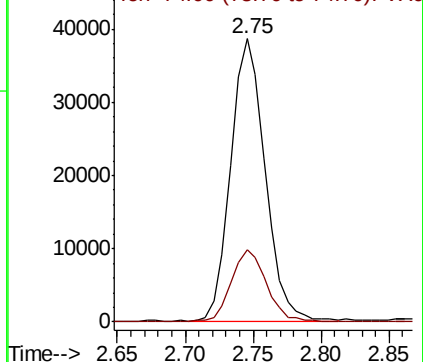
43 100

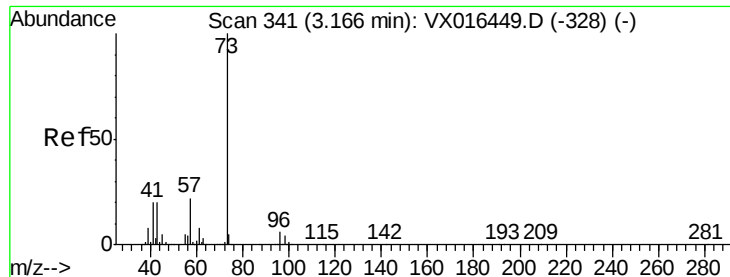
74 26.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



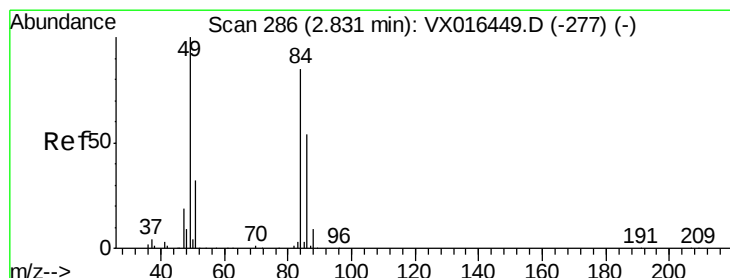
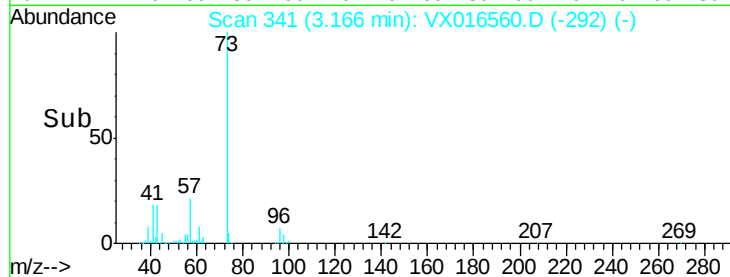
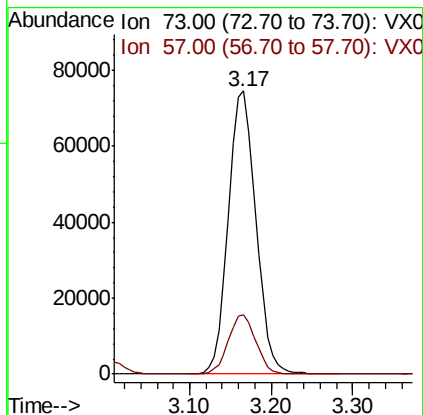
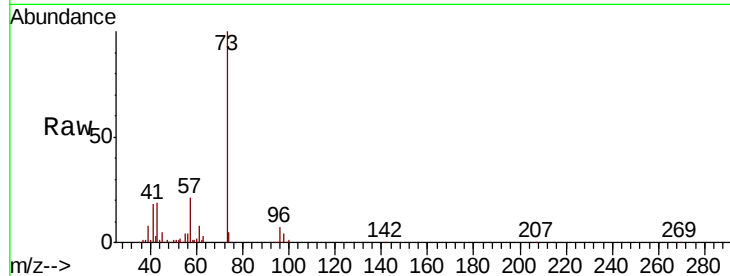


#19

Methyl tert-butyl Ether
 Concen: 18.337 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

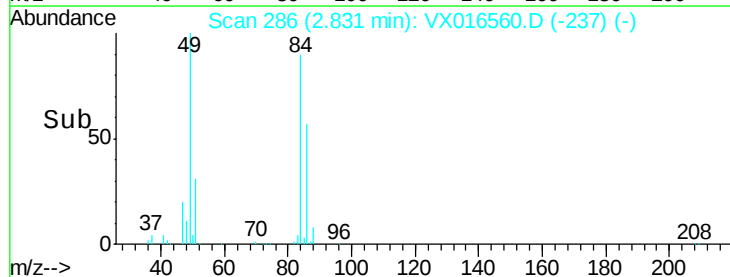
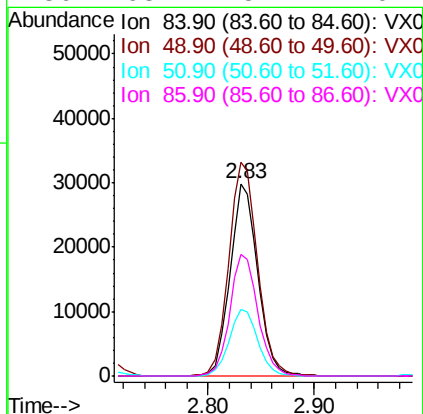
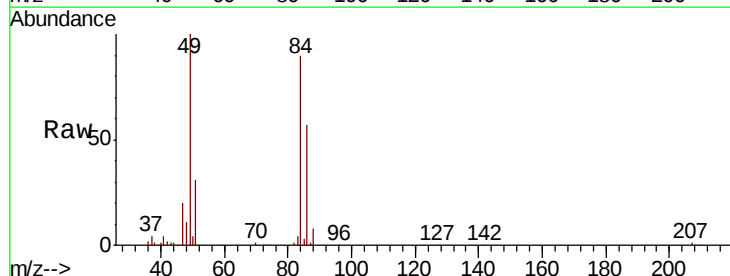
Tot Ion: 73 Resp: 173909
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.8 26.6

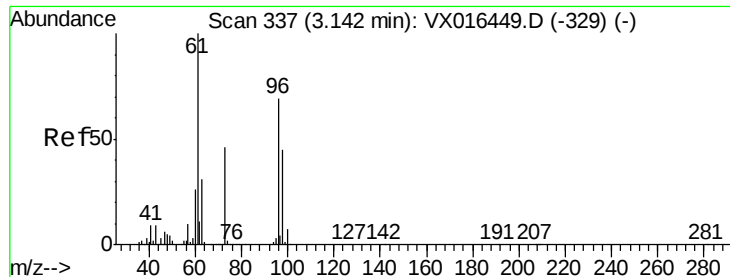


#20

Methylene Chloride
 Concen: 17.606 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion: 84 Resp: 54401
 Ion Ratio Lower Upper
 84 100
 49 111.1 94.5 141.7
 51 34.9 30.2 45.4
 86 63.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.550 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

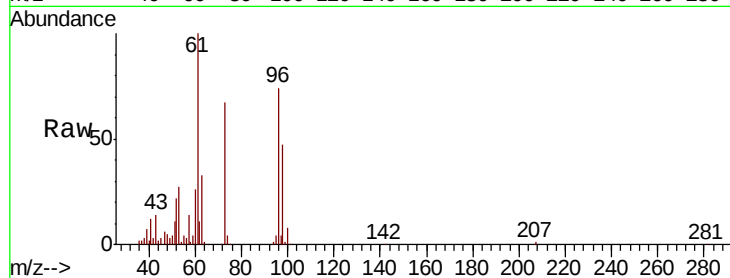
Tot Ion: 96 Resp: 51273

Ion Ratio Lower Upper

96 100

61 134.5 115.3 172.9

98 63.6 51.9 77.9

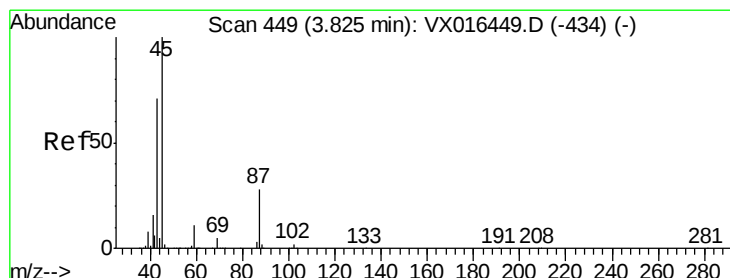
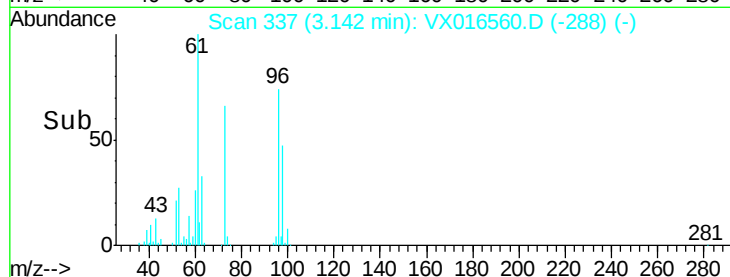
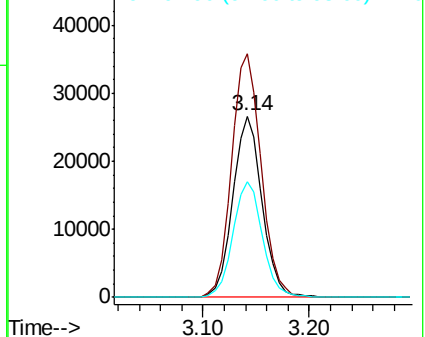


Abundance

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: 17.533 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Tgt Ion: 45 Resp: 163603

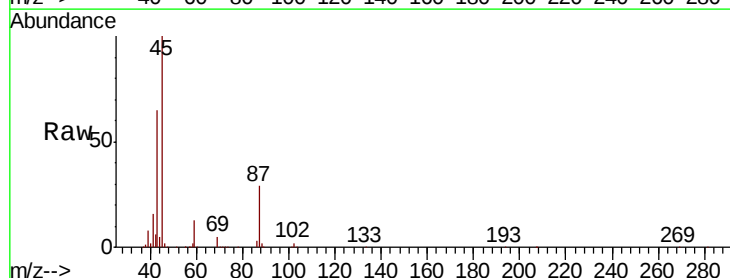
Ion Ratio Lower Upper

45 100

43 64.5 57.0 85.6

87 29.4 22.5 33.7

59 12.5 9.1 13.7



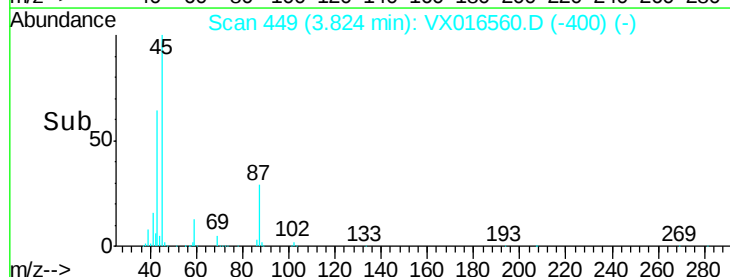
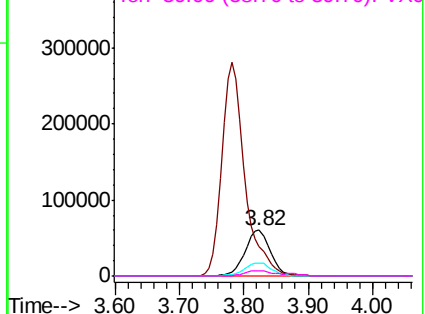
Abundance

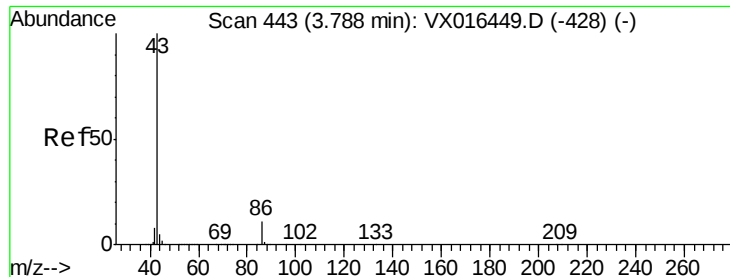
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 87.032 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

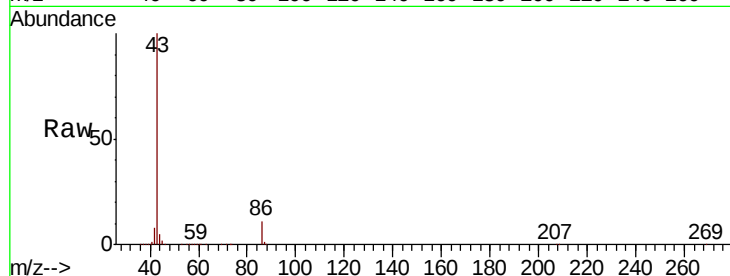
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 710834

Ion Ratio Lower Upper

43 100

86 11.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

300000

250000

200000

150000

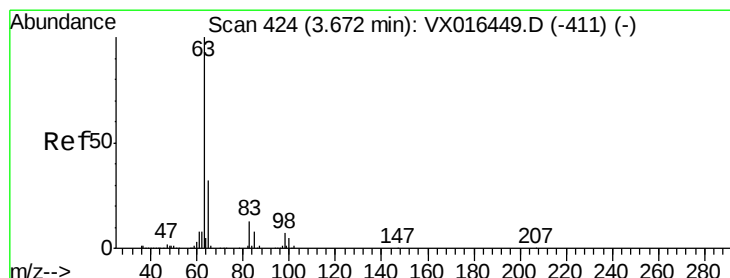
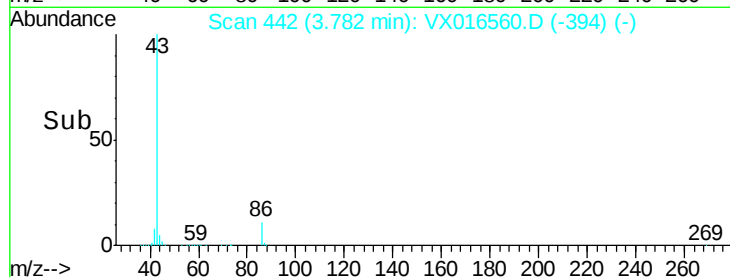
100000

50000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 17.652 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

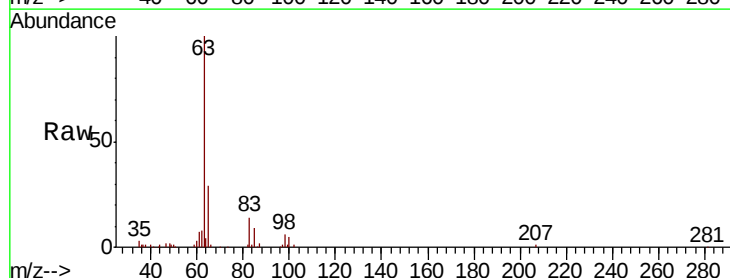
Tgt Ion: 63 Resp: 92965

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.9

100 5.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

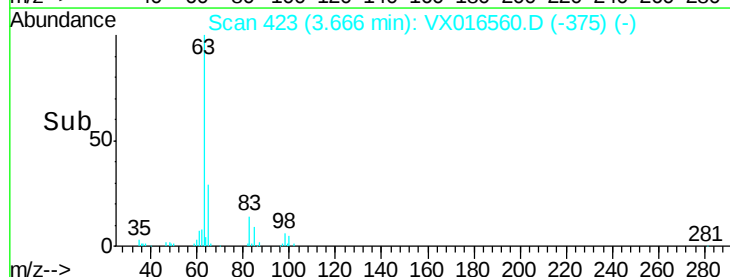
20000

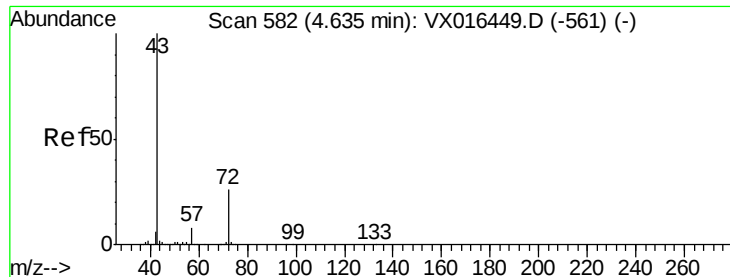
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 82.043 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

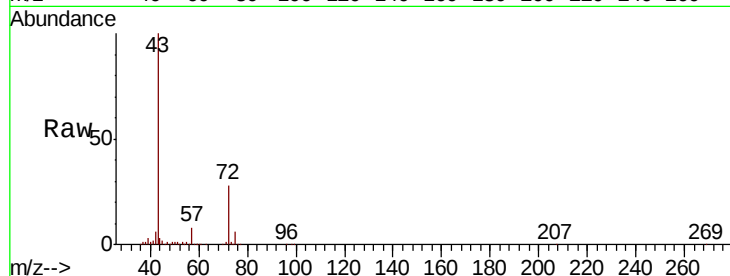
ClientSampled :

Tot Ion: 43 Resp: 207623

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

80000

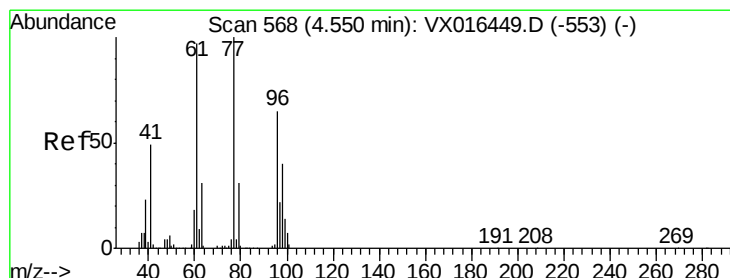
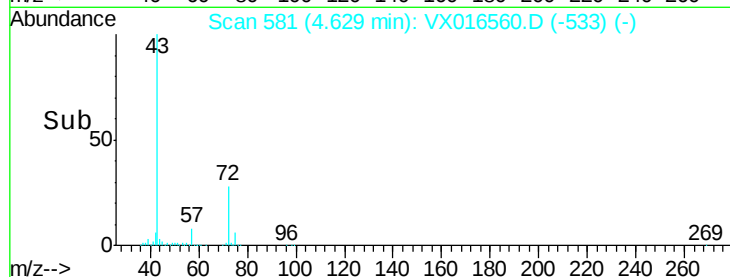
60000

40000

20000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 19.260 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016560.D

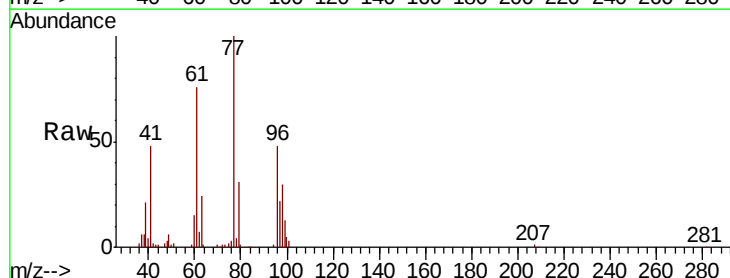
Acq: 03 Jun 2020 12:08

Tgt Ion: 77 Resp: 83002

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

30000

25000

20000

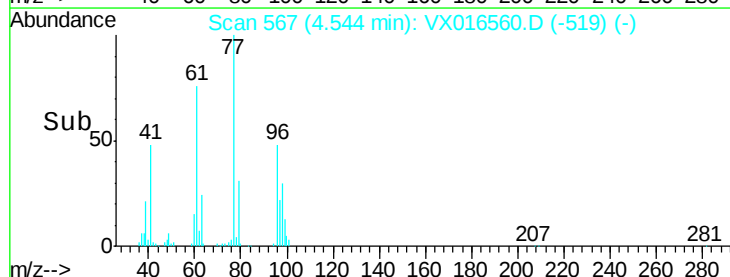
15000

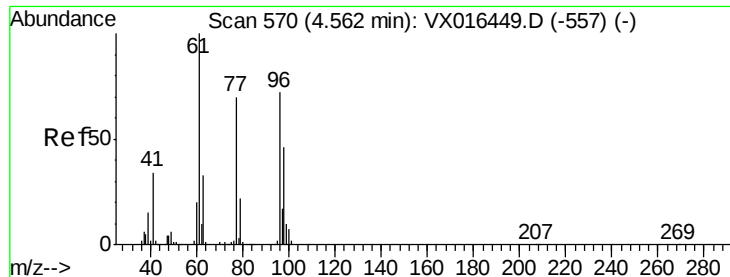
10000

5000

0

Time--> 4.40 4.50 4.60 4.70



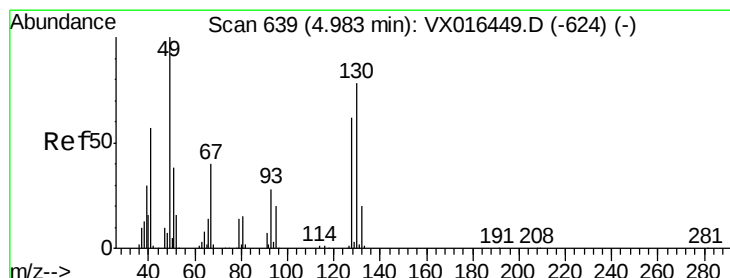
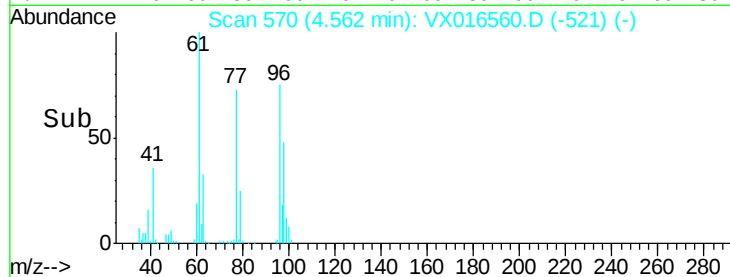
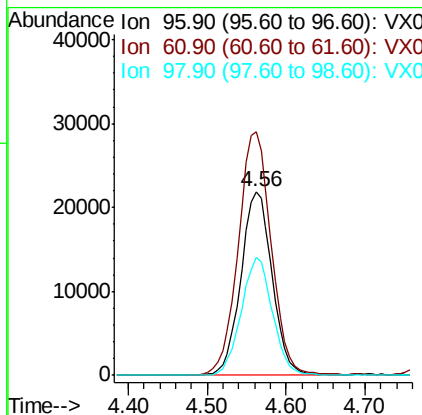
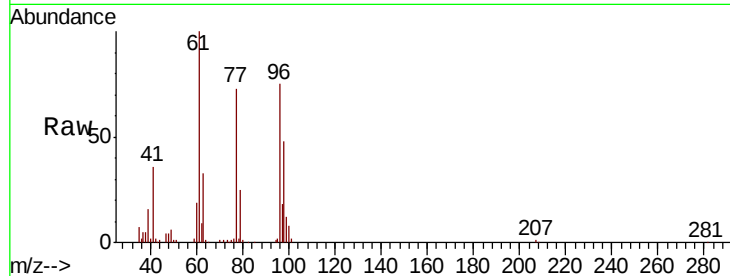


#27

cis-1,2-Dichloroethene
Concen: 17.888 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

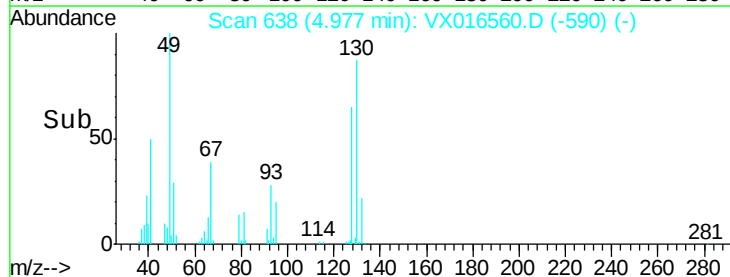
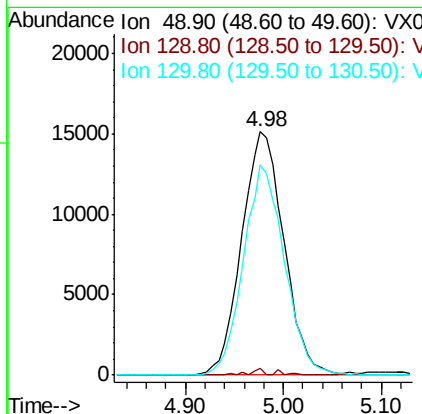
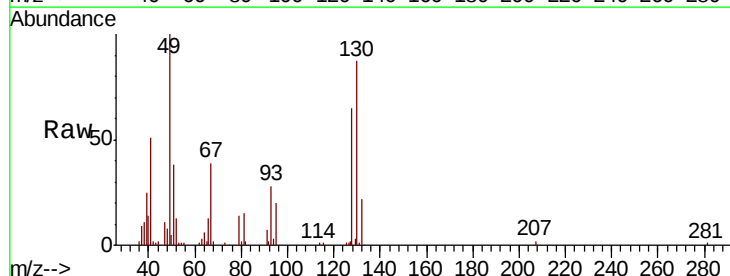
Tot Ion	96	Resp	60456
Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	284.6
98	64.0	0.0	127.2

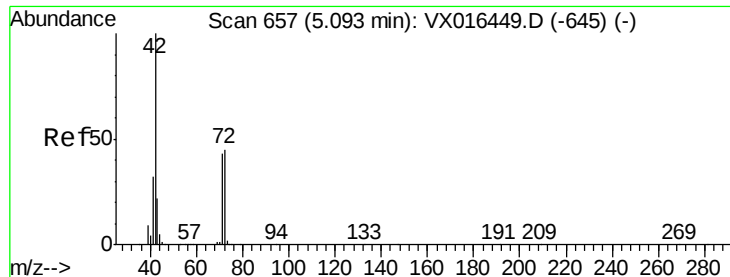


#28

Bromochloromethane
Concen: 18.494 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion	49	Resp	45262
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	84.2	63.0	94.4





#29

Tetrahydrofuran

Concen: 82.293 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

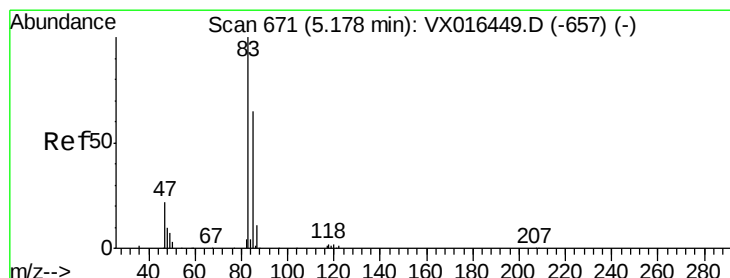
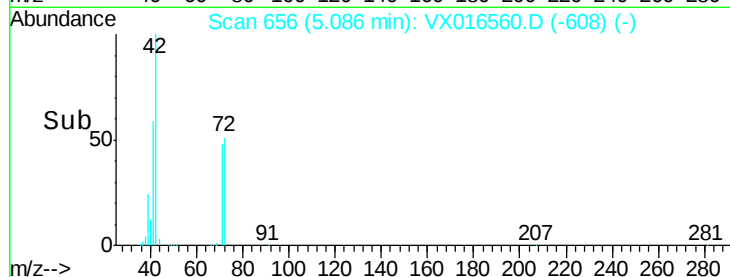
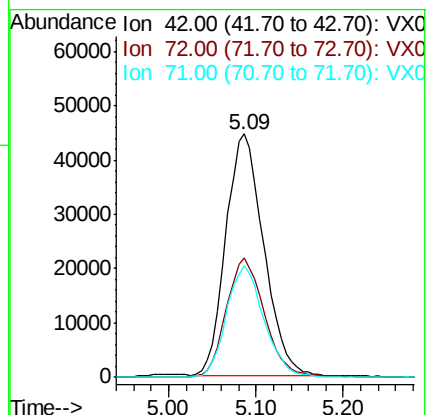
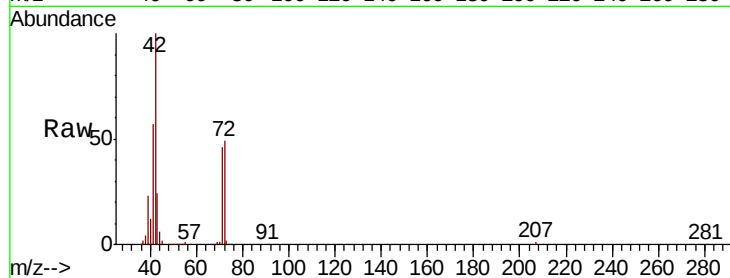
Tot Ion: 42 Resp: 134542

Ion Ratio Lower Upper

42 100

72 49.9 37.0 55.4

71 45.6 34.1 51.1



#30

Chloroform

Concen: 18.028 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016560.D

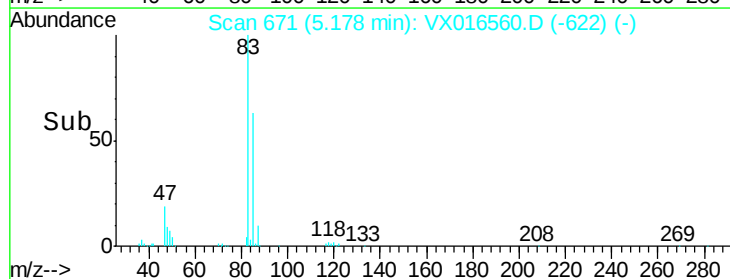
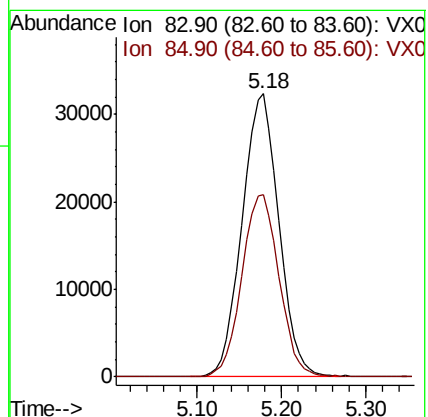
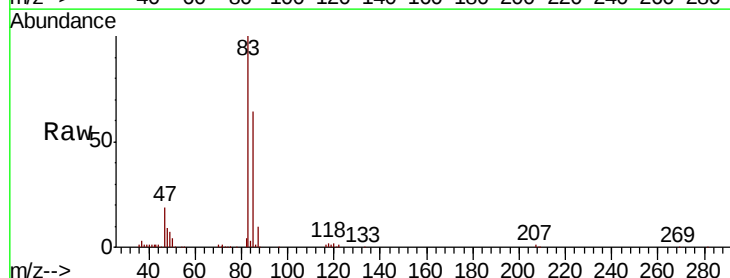
Acq: 03 Jun 2020 12:08

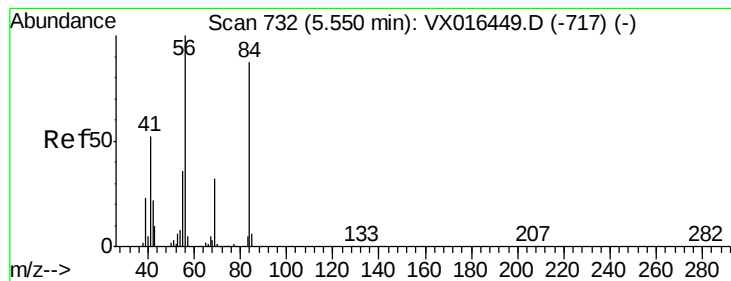
Tgt Ion: 83 Resp: 95668

Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0





#31

Cyclohexane

Concen: 17.224 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampled :

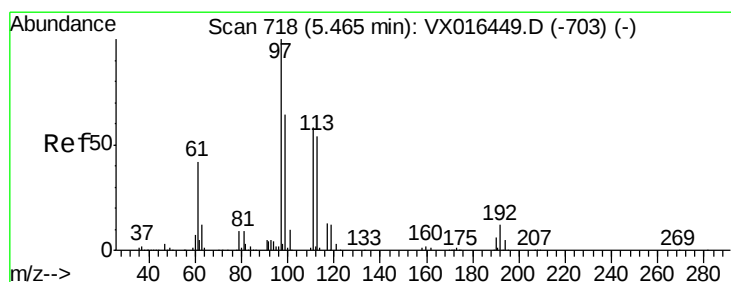
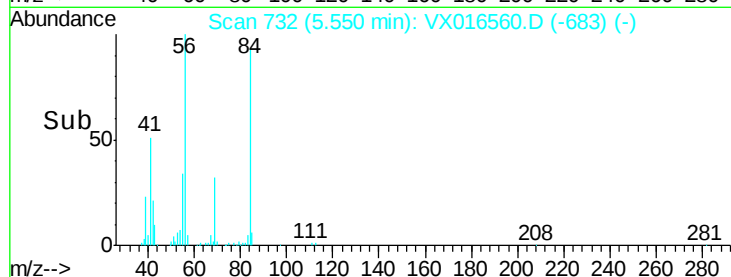
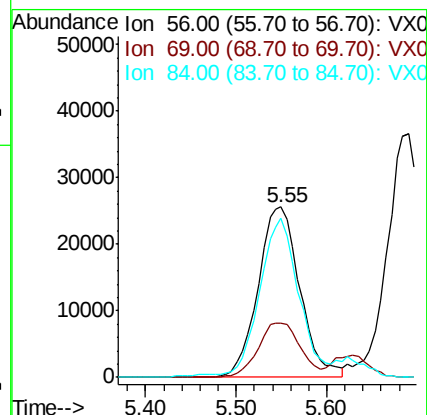
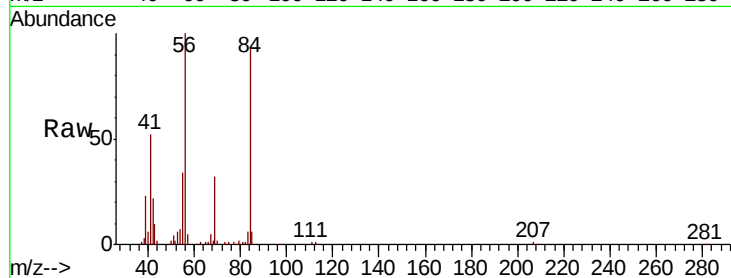
Tot Ion: 56 Resp: 81608

Ion Ratio Lower Upper

56 100

69 32.0 25.7 38.5

84 92.1 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 17.795 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

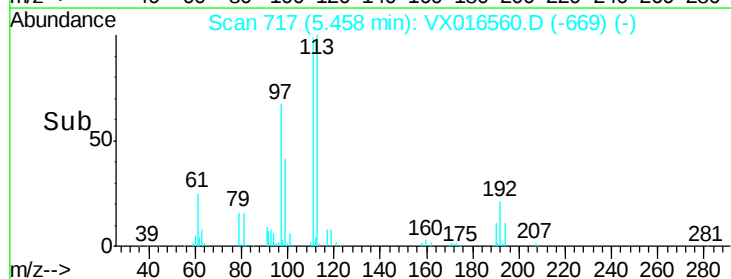
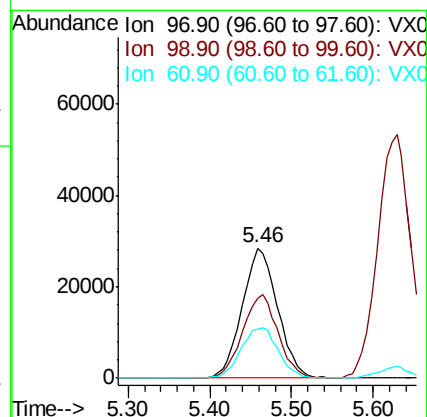
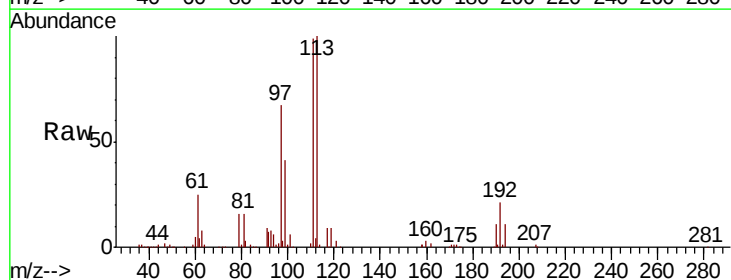
Tgt Ion: 97 Resp: 85492

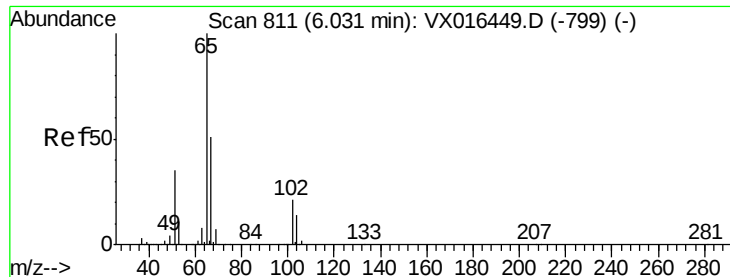
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

61 41.2 33.5 50.3

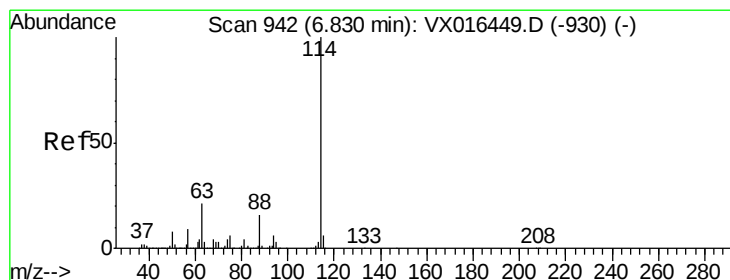
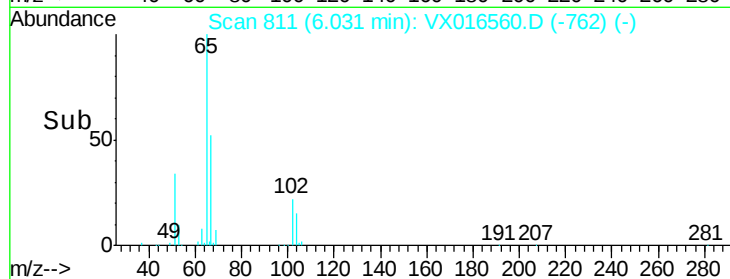
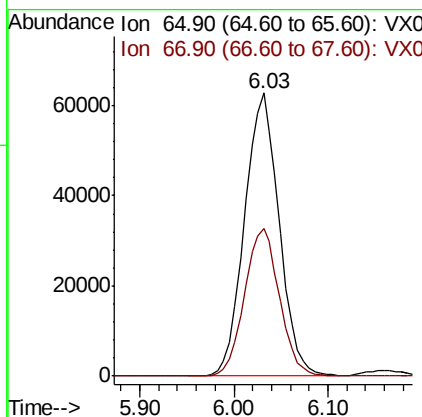
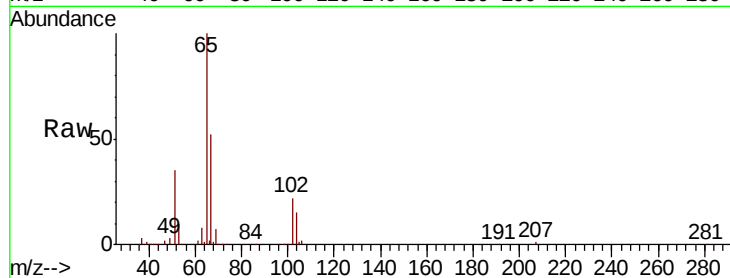




#33
 1,2-Dichloroethane-d4
 Concen: 47.384 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

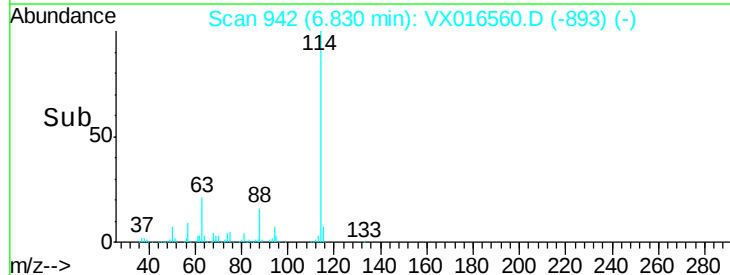
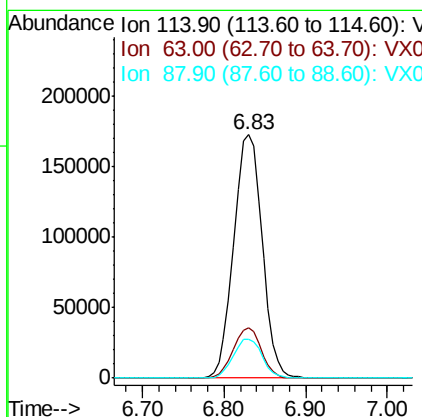
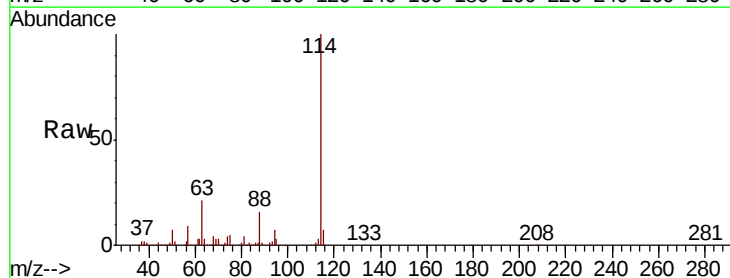
Instrument :
 MSVOA_X
 ClientSampleId :

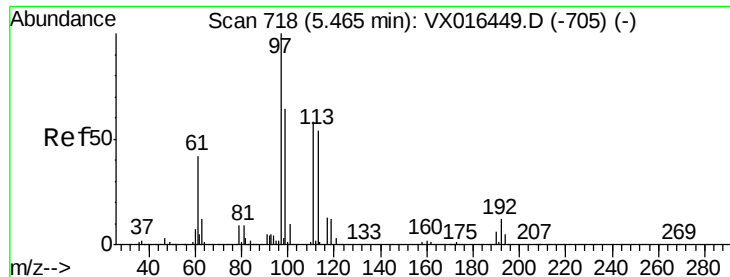
Tot Ion: 65 Resp: 161524
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion: 114 Resp: 416901
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.948 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

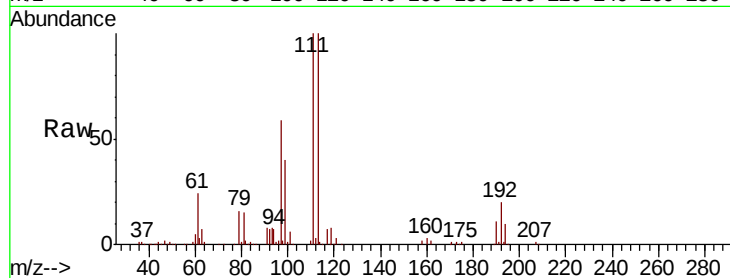
Tot Ion:113 Resp: 128220

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

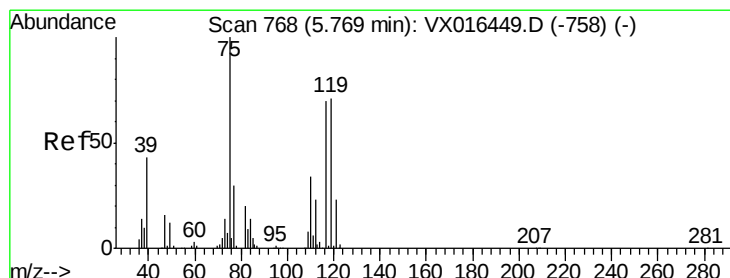
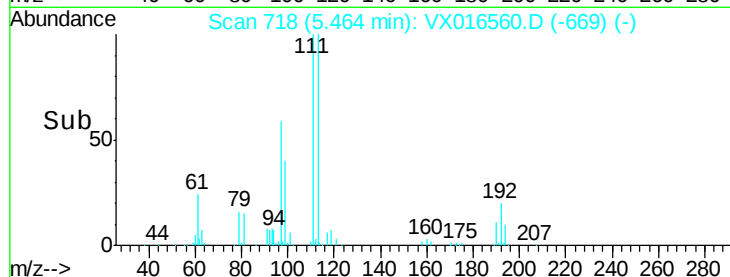
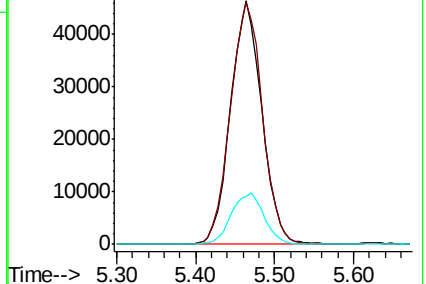
192 22.0 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.852 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

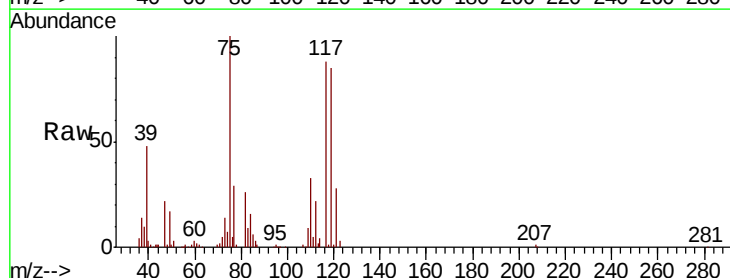
Tgt Ion: 75 Resp: 70466

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.3

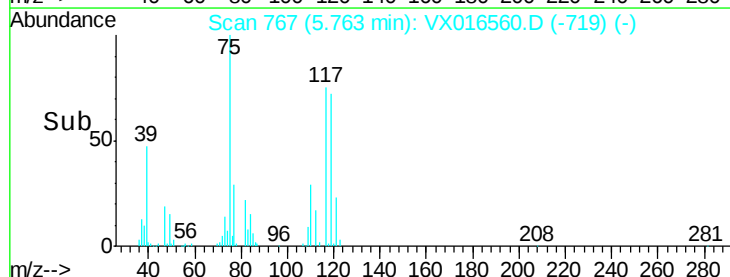
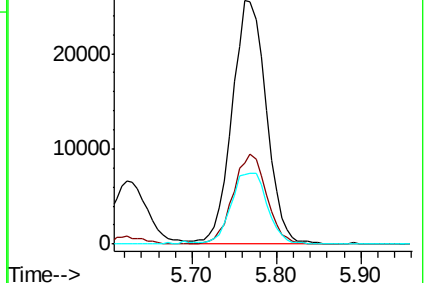
77 30.8 24.2 36.4

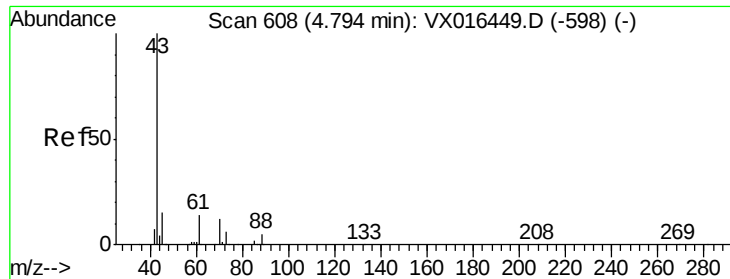


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

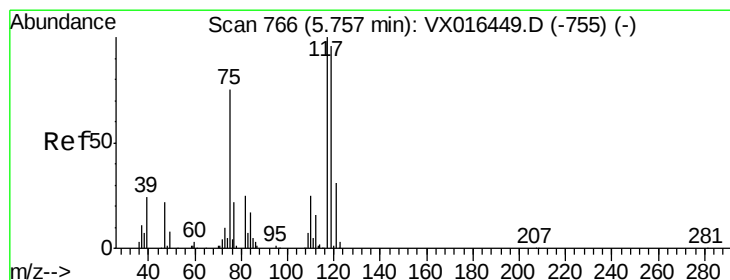
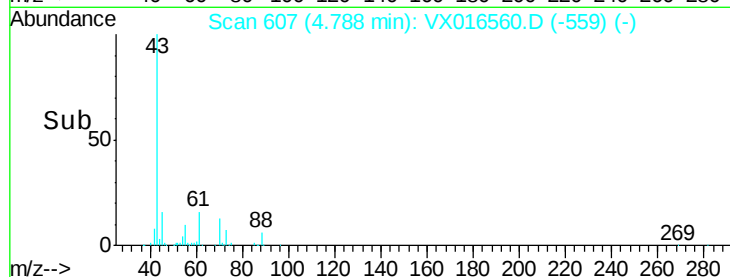
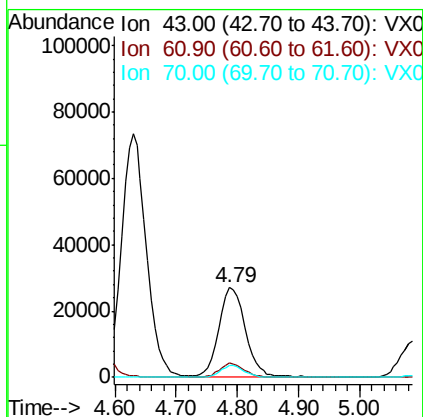
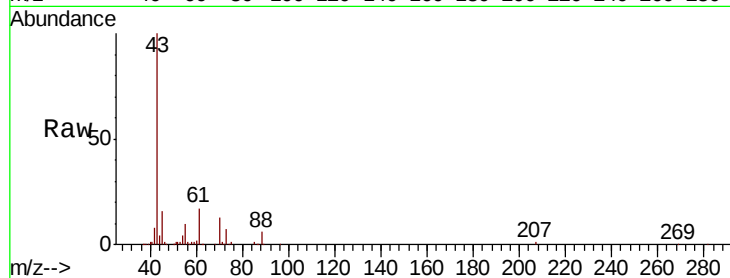




#37
Ethyl Acetate
Concen: 17.374 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

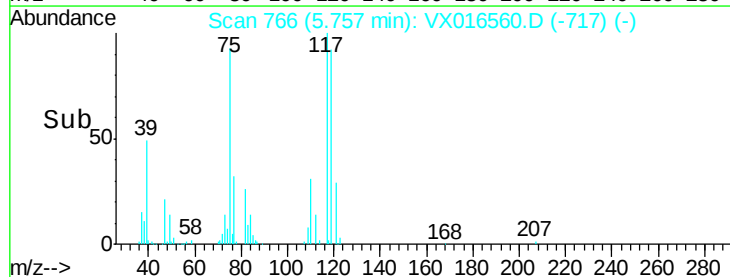
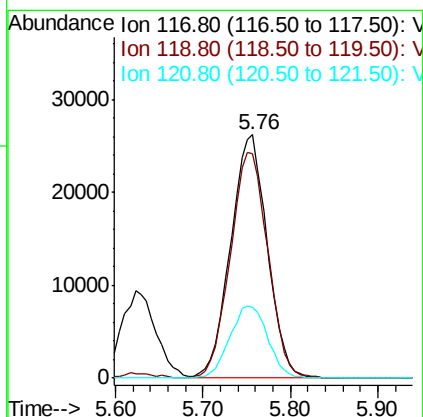
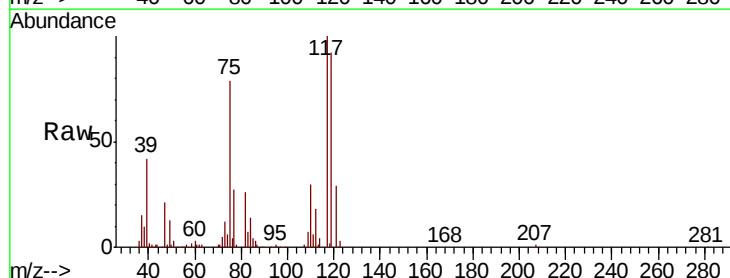
Instrument :
MSVOA_X
ClientSampled :

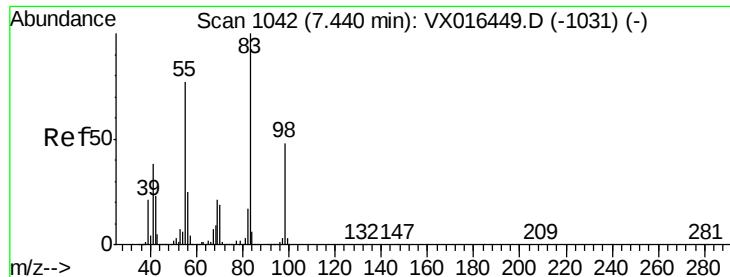
Tot Ion: 43 Resp: 82336
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 12.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.413 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion: 117 Resp: 76382
Ion Ratio Lower Upper
117 100
119 92.4 76.3 114.5
121 29.3 24.6 37.0

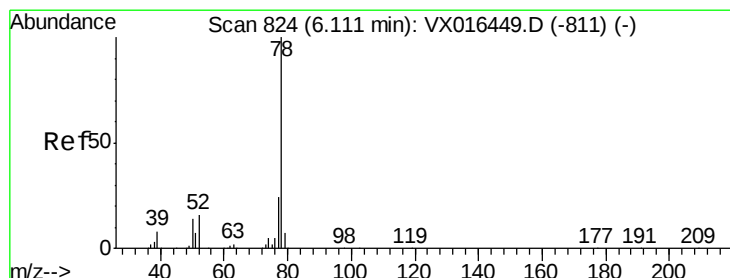
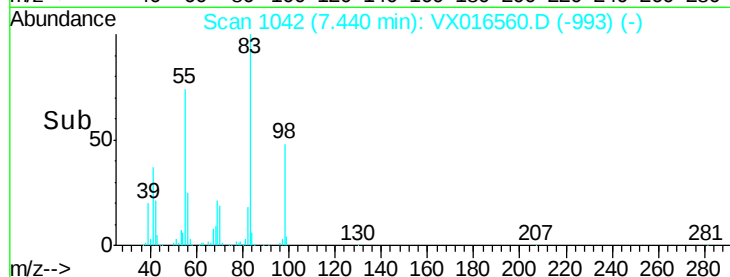
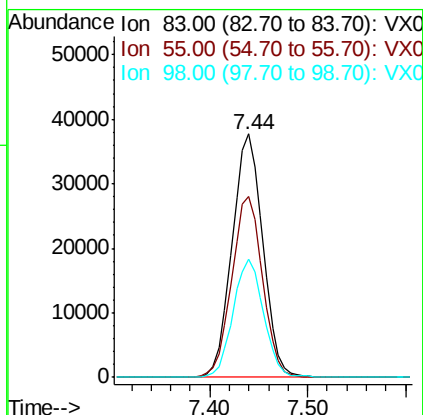
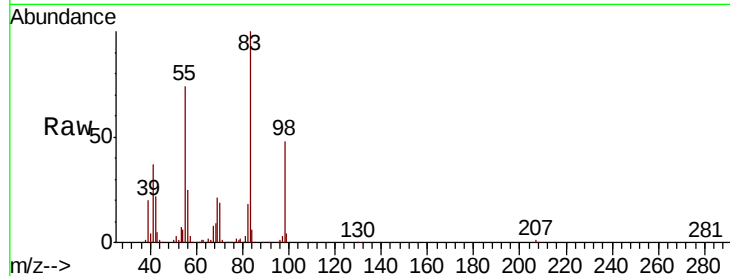




#39
Methvlcvclohexane
Concen: 19.144 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

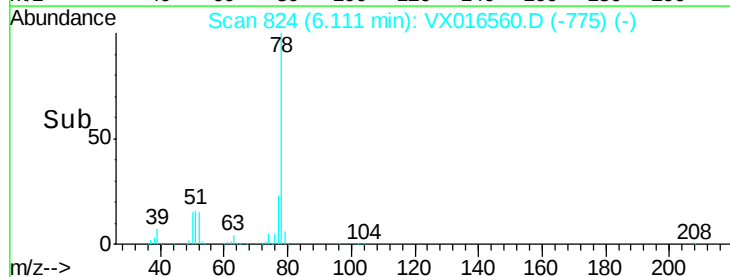
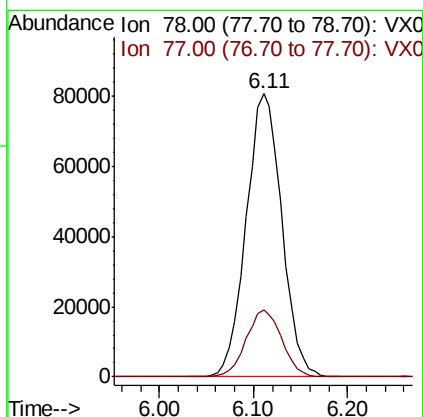
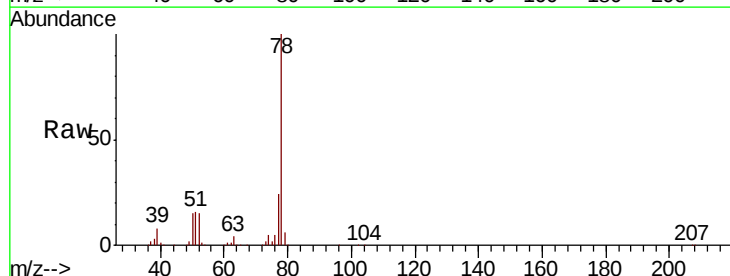
Instrument :
MSVOA_X
ClientSampleId :

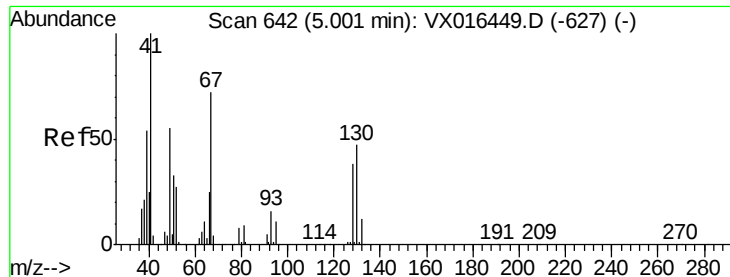
Tot Ion: 83 Resp: 82077
Ion Ratio Lower Upper
83 100
55 74.2 61.7 92.5
98 48.4 38.7 58.1



#40
Benzene
Concen: 18.215 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion: 78 Resp: 214110
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

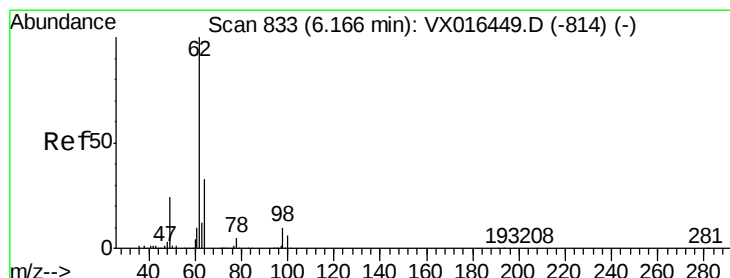
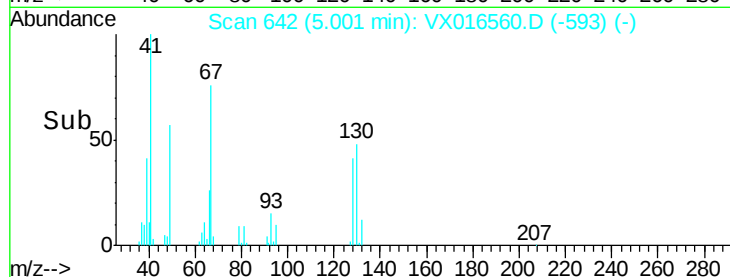
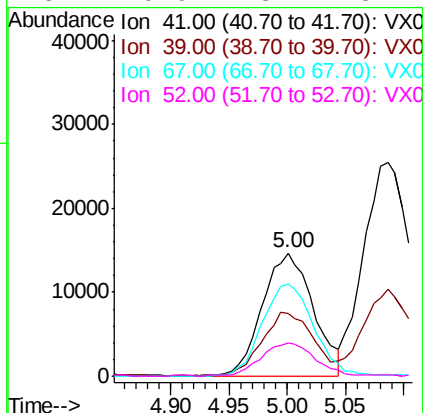
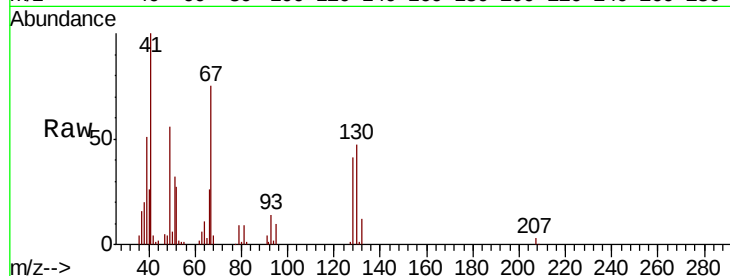




#41
Methacrylonitrile
Concen: 17.168 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

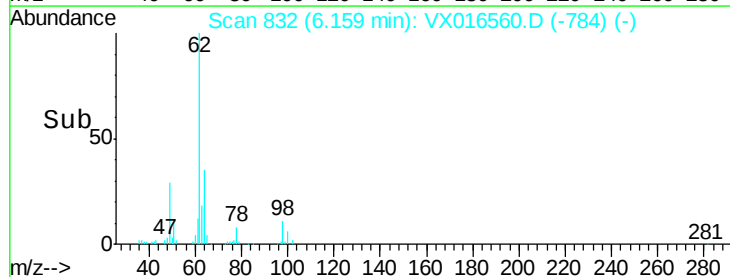
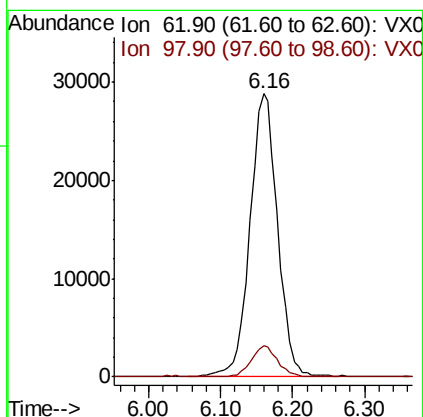
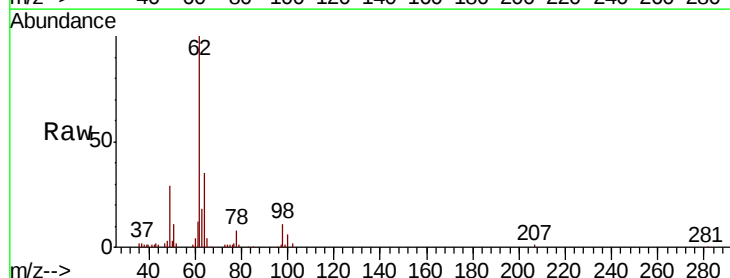
Instrument :
MSVOA_X
ClientSampled :

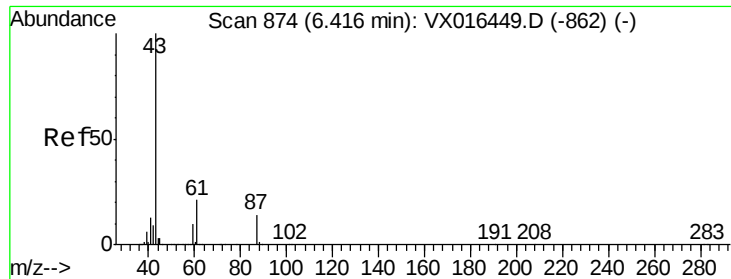
Tot Ion:	41	Resp:	44689
Ion	Ratio	Lower	Upper
41	100		
39	51.6	43.0	64.4
67	76.2	58.9	88.3
52	29.9	23.1	34.7



#42
1,2-Dichloroethane
Concen: 18.330 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion:	62	Resp:	76624
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8



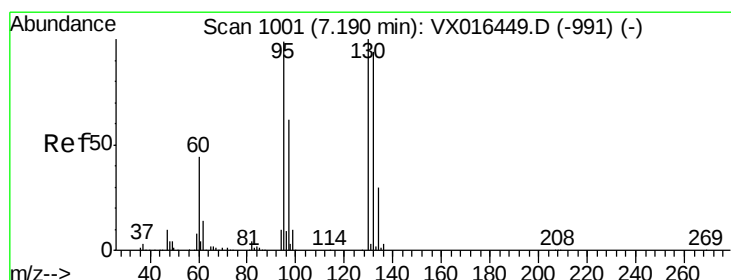
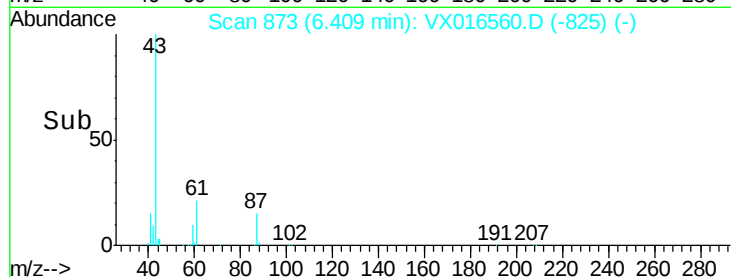
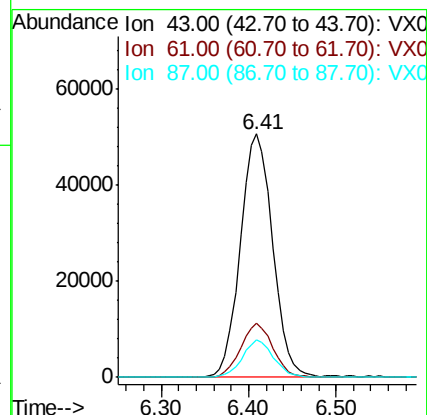
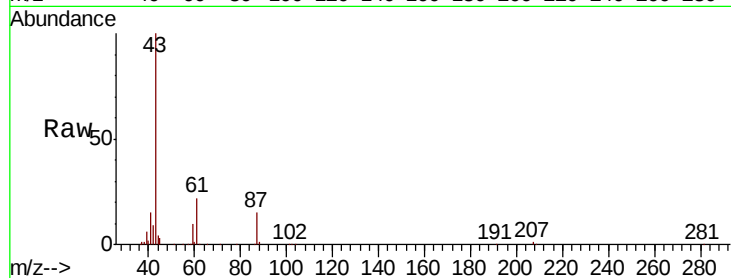


#43

Isopropyl Acetate
 Concen: 17.438 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

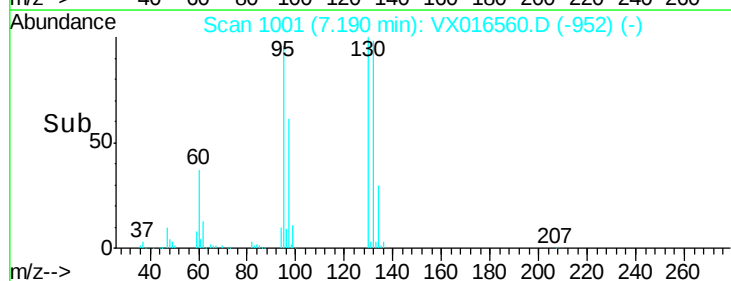
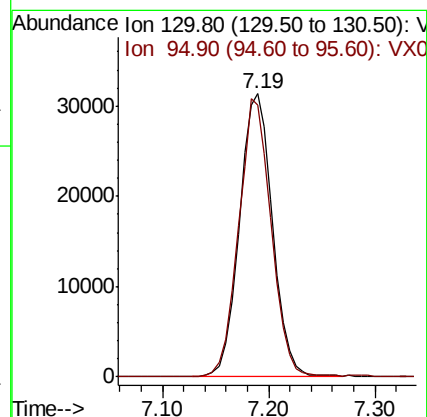
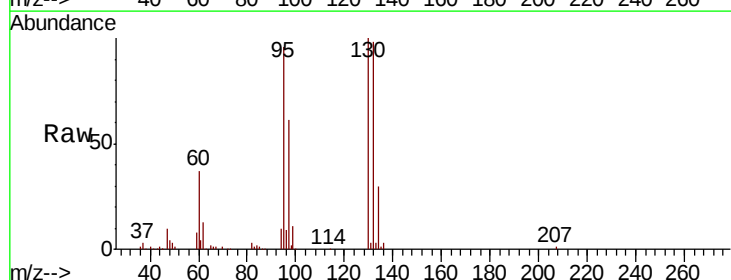
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.8	25.2
87	14.7	11.2	16.8

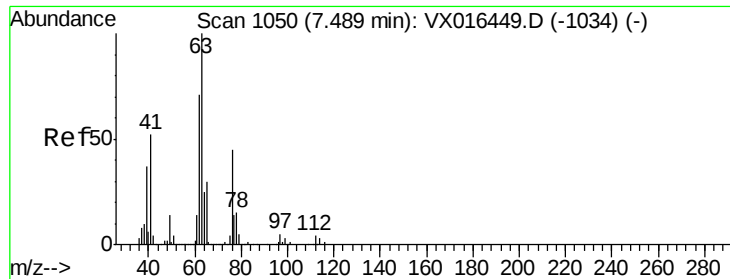


#44

Trichloroethene
 Concen: 18.280 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	198.2





#45

1,2-Dichloropropane

Concen: 18.239 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

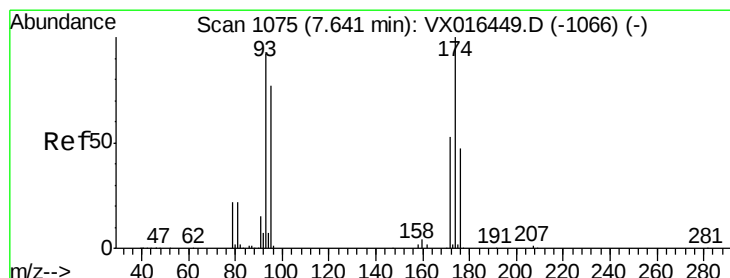
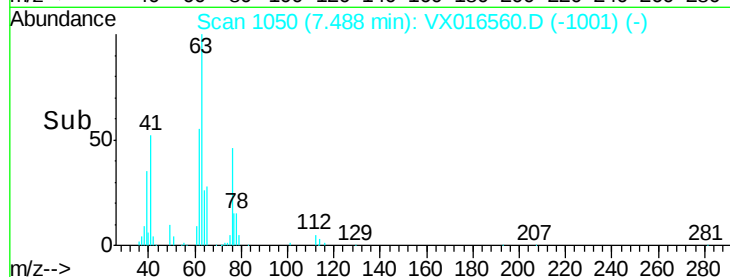
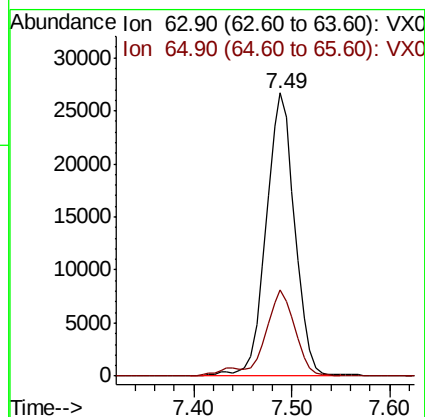
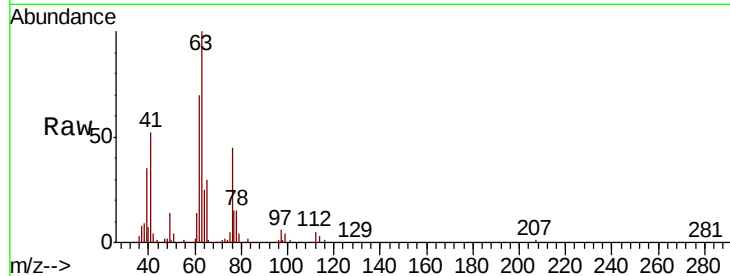
ClientSampleId :

Tot Ion: 63 Resp: 54581

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.2



#46

Dibromomethane

Concen: 18.533 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

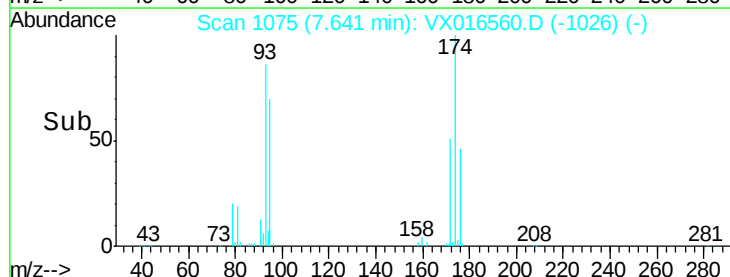
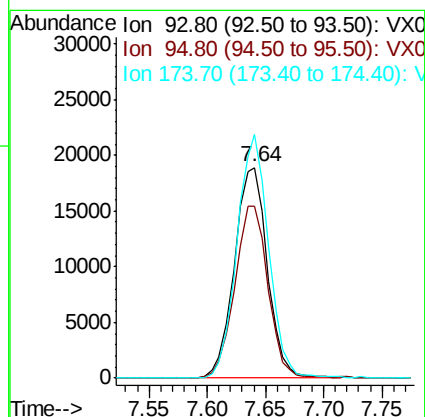
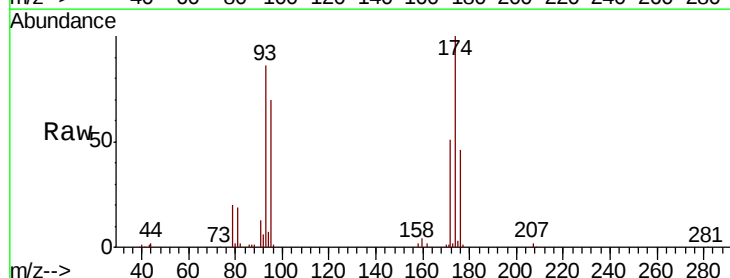
Tgt Ion: 93 Resp: 37251

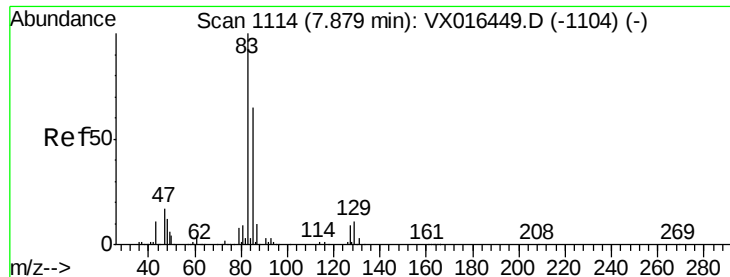
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 111.3 86.2 129.4





#47

Bromodichloromethane

Concen: 18.438 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampled :

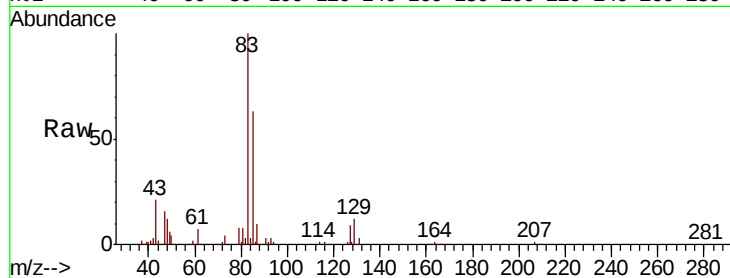
Tot Ion: 83 Resp: 76737

Ion Ratio Lower Upper

83 100

85 62.7 52.0 78.0

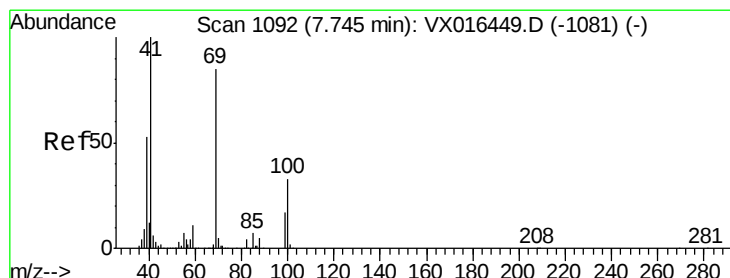
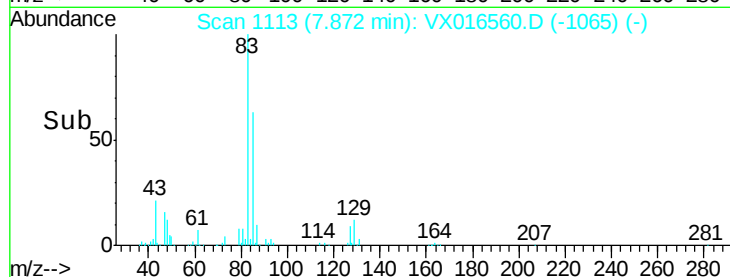
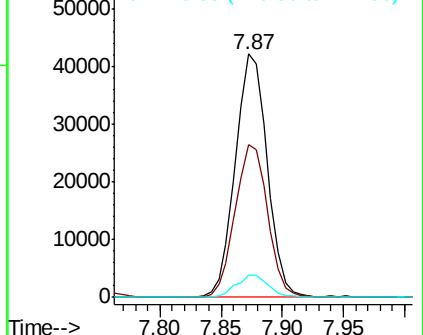
127 9.1 7.4 11.0



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: 17.297 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

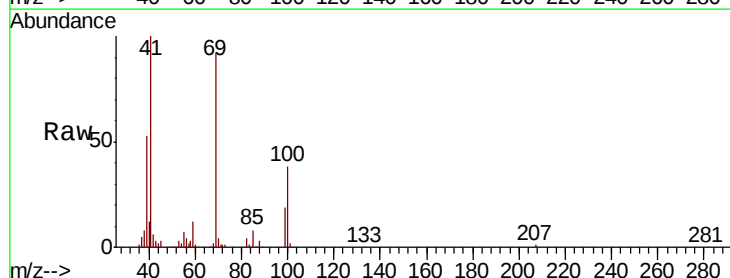
Tgt Ion: 41 Resp: 61220

Ion Ratio Lower Upper

41 100

69 91.6 68.6 102.8

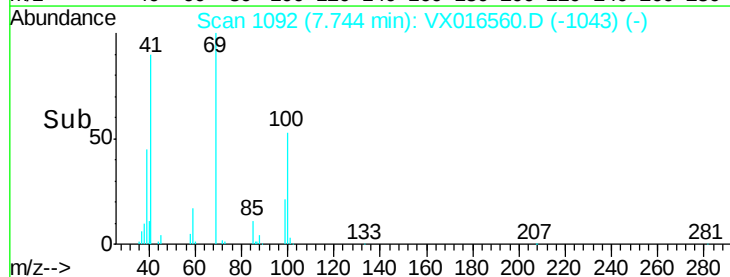
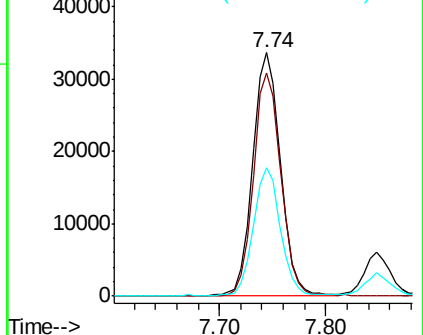
39 51.0 42.4 63.6

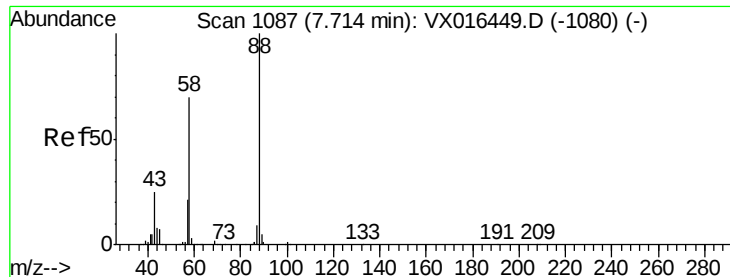


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 319.286 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

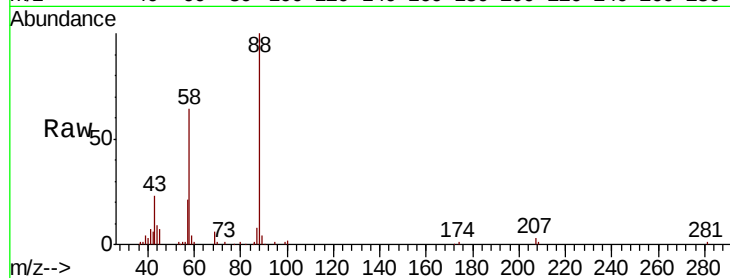
Tot Ion: 88 Resp: 26446

Ion Ratio Lower Upper

88 100

43 28.4 24.2 36.4

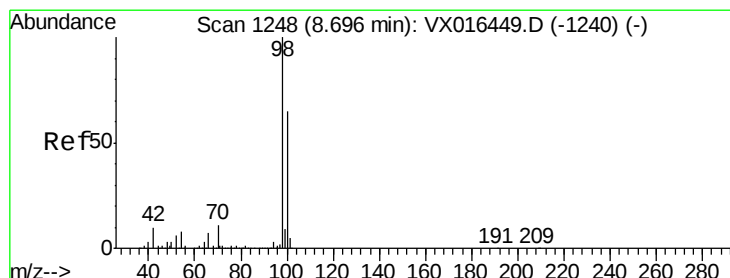
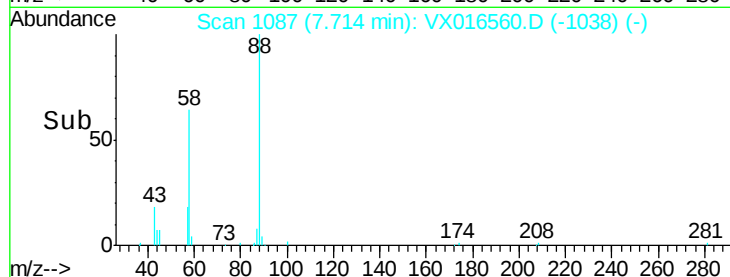
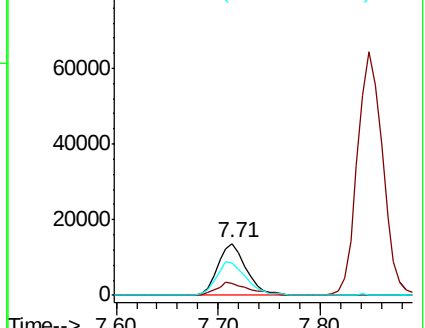
58 69.1 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.306 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016560.D

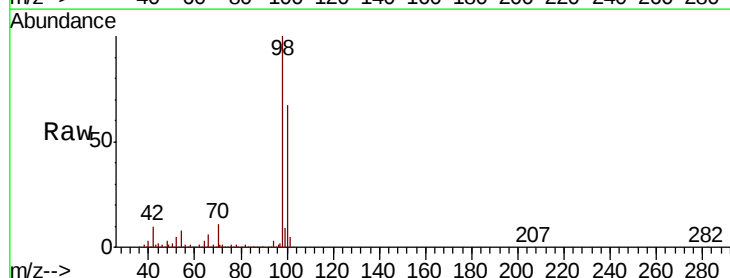
Acq: 03 Jun 2020 12:08

Tgt Ion: 98 Resp: 502632

Ion Ratio Lower Upper

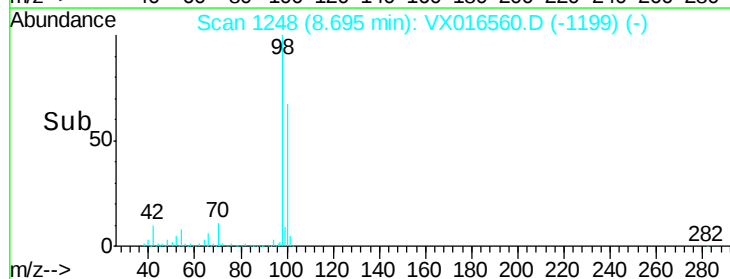
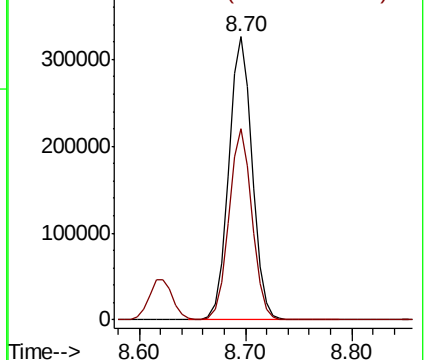
98 100

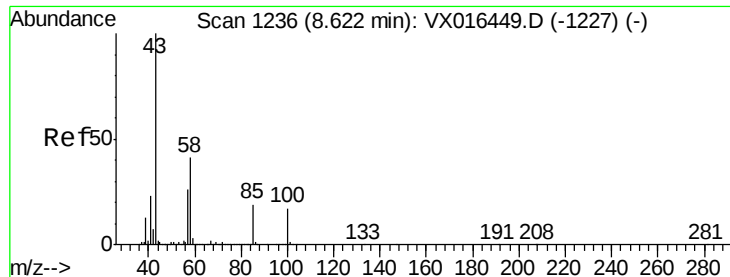
100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

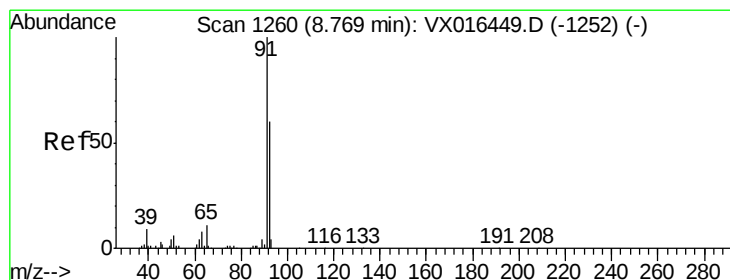
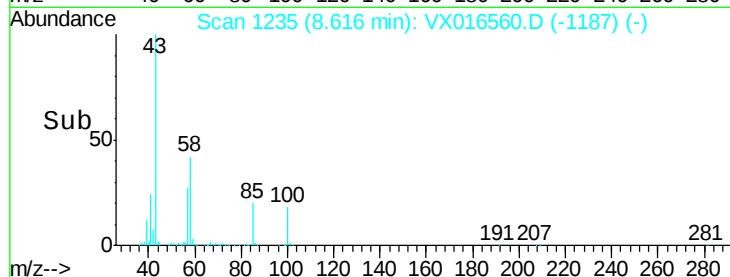
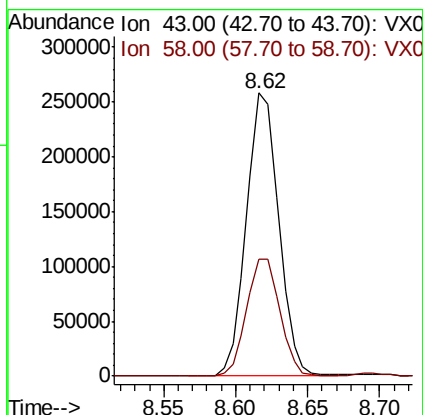
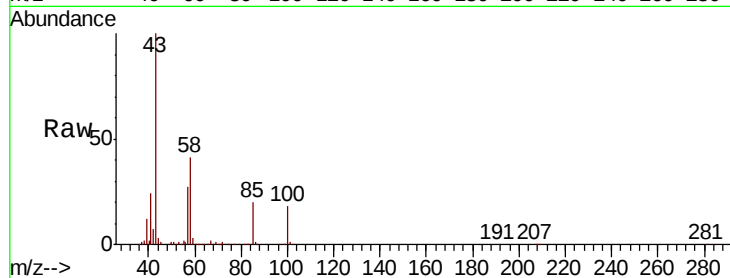




#51
 4-Methyl-2-Pentanone
 Concen: 87.295 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

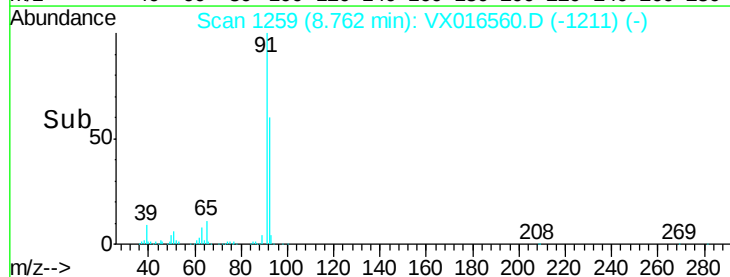
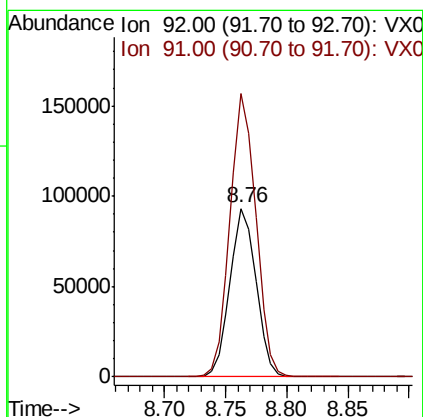
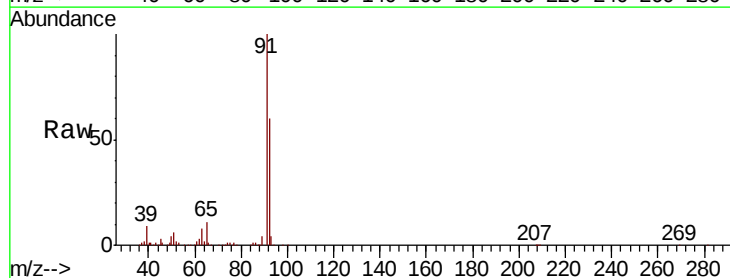
Instrument :
 MSVOA_X
 ClientSampleId :

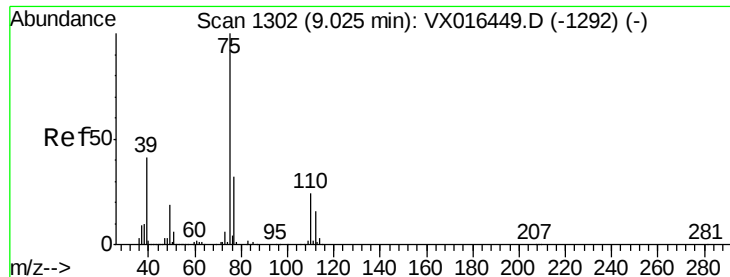
Tot Ion: 43 Resp: 401793
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.0 49.6



#52
 Toluene
 Concen: 18.578 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion: 92 Resp: 137712
 Ion Ratio Lower Upper
 92 100
 91 167.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 18.466 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

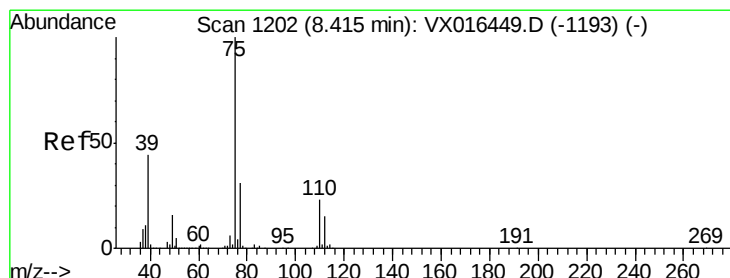
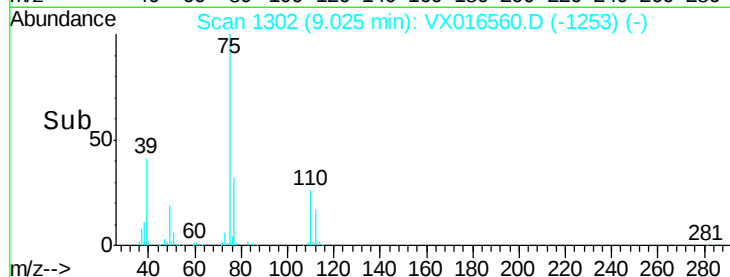
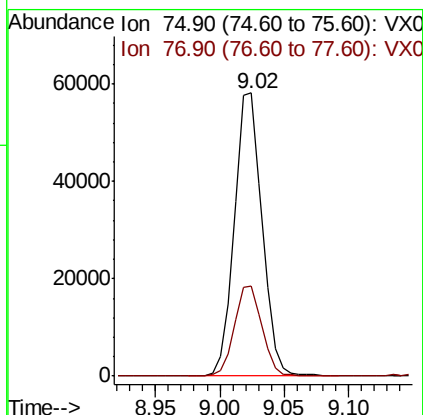
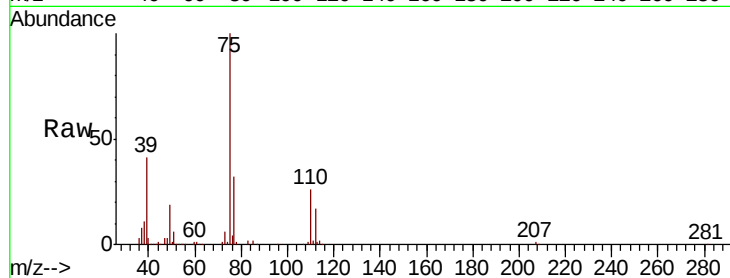
ClientSampleId :

Tot Ion: 75 Resp: 87387

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.499 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

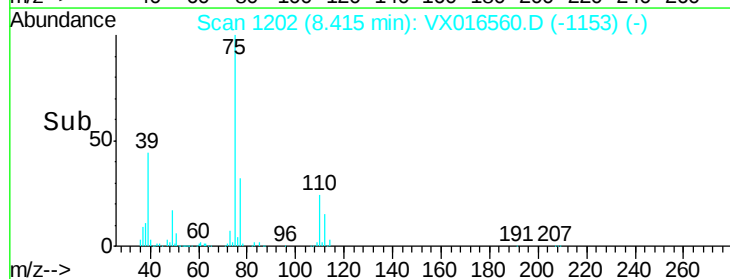
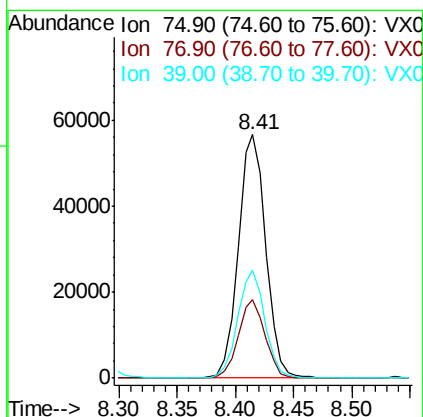
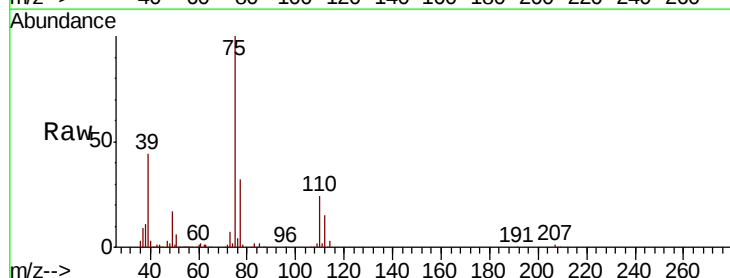
Tgt Ion: 75 Resp: 92665

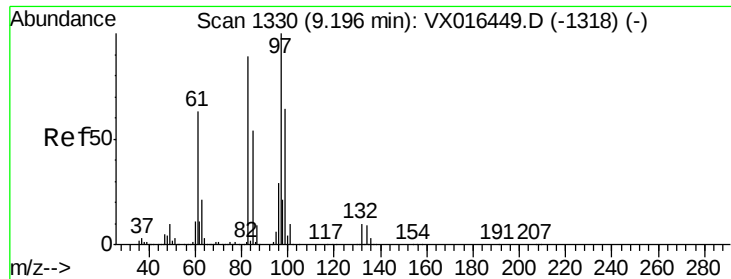
Ion Ratio Lower Upper

75 100

77 32.5 24.6 36.8

39 44.2 35.3 52.9

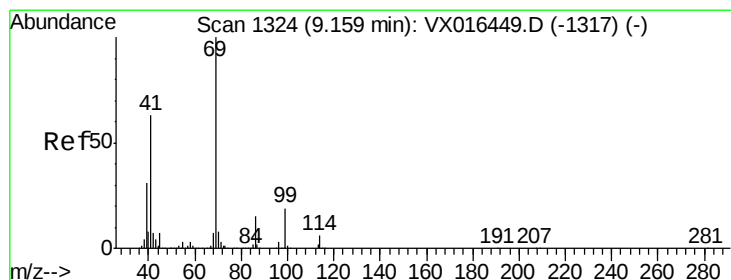
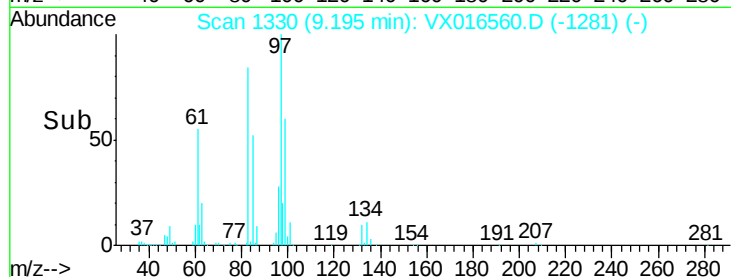
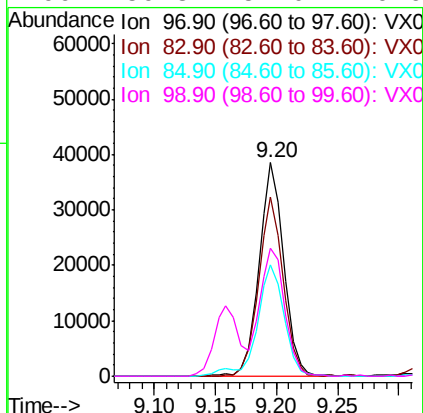
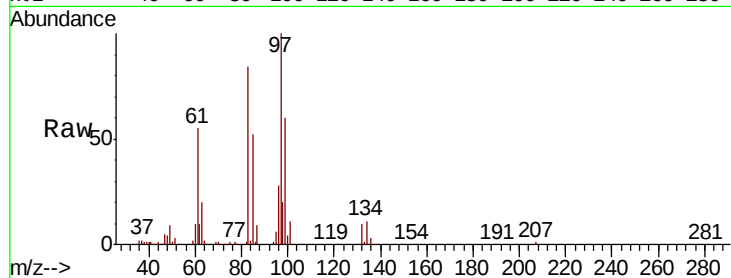




#55
 1,1,2-Trichloroethane
 Concen: 18.473 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

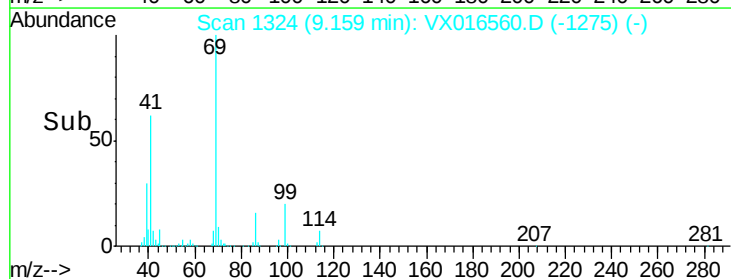
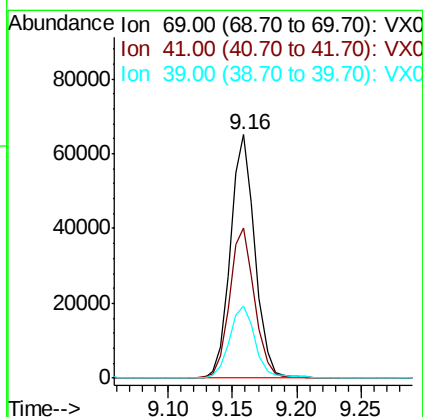
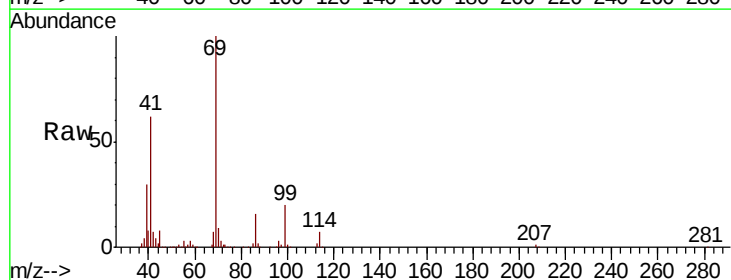
Instrument :
 MSVOA_X
 ClientSampleId :

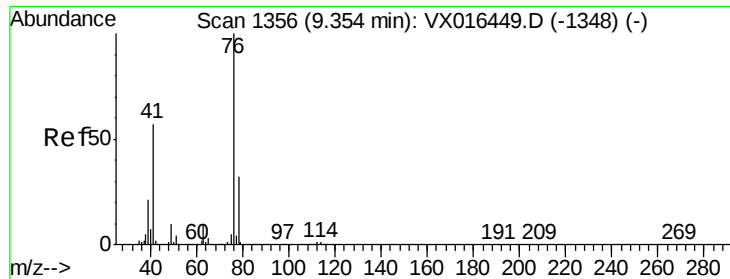
Tot Ion:	97	Resp:	54443
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.9	106.3
85	52.0	43.4	65.2
99	59.8	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 18.034 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion:	69	Resp:	86562
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.7	76.1
39	30.8	25.8	38.6





#57

1,3-Dichloropropane

Concen: 18.814 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

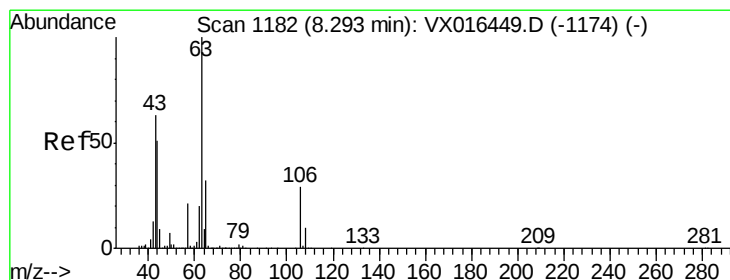
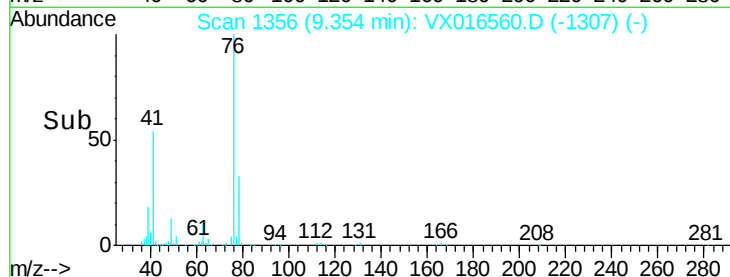
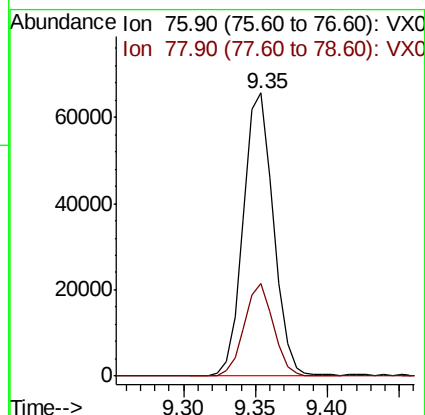
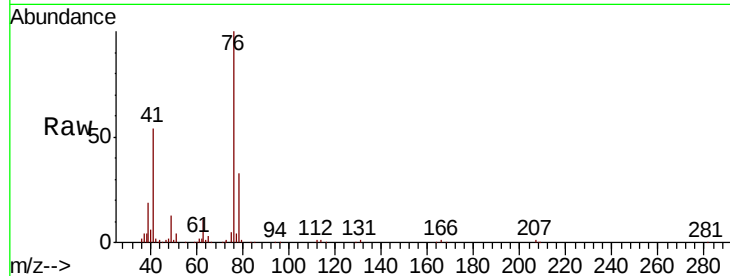
ClientSampleId :

Tot Ion: 76 Resp: 95173

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.643 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016560.D

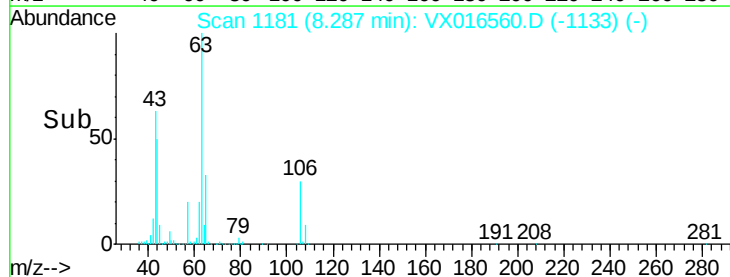
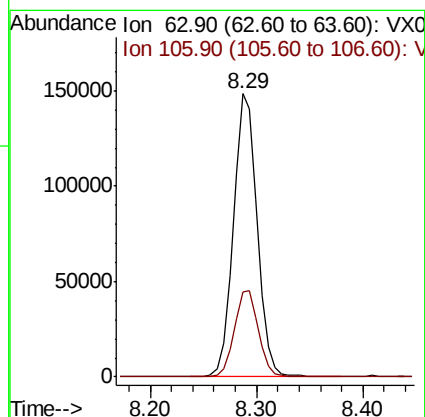
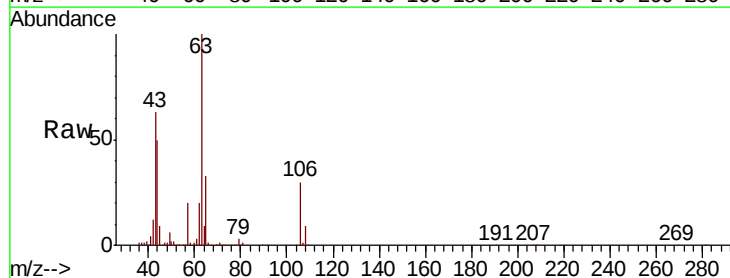
Acq: 03 Jun 2020 12:08

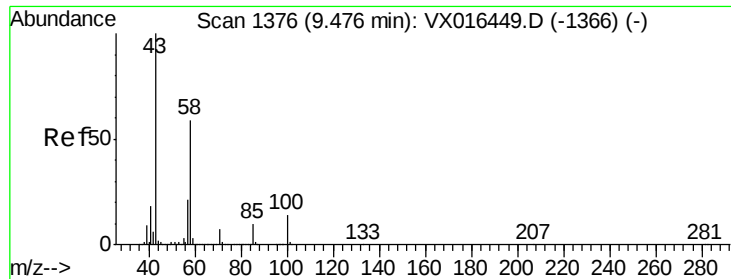
Tgt Ion: 63 Resp: 232104

Ion Ratio Lower Upper

63 100

106 31.0 23.2 34.8

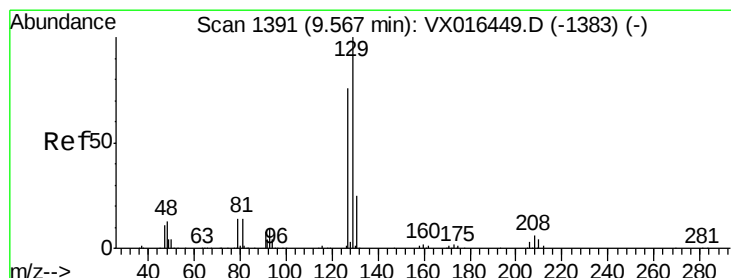
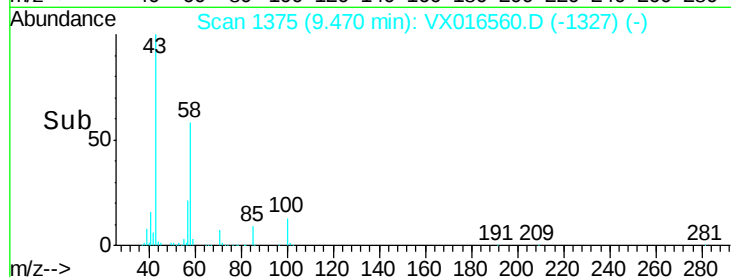
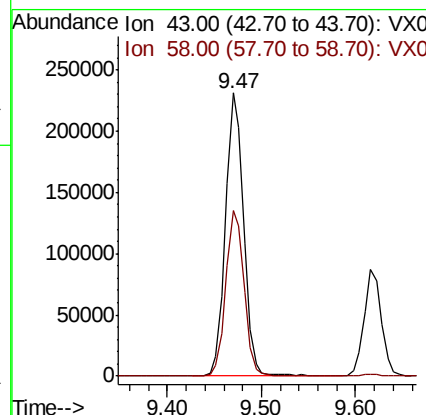
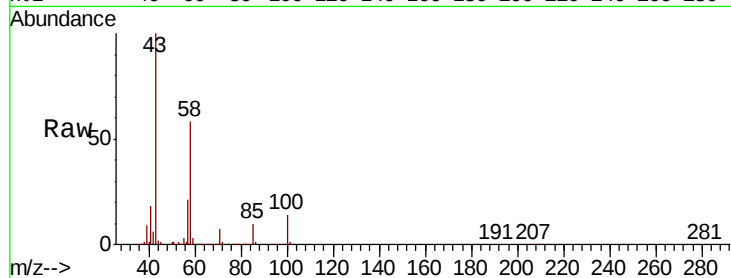




#59
2-Hexanone
Concen: 86.268 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

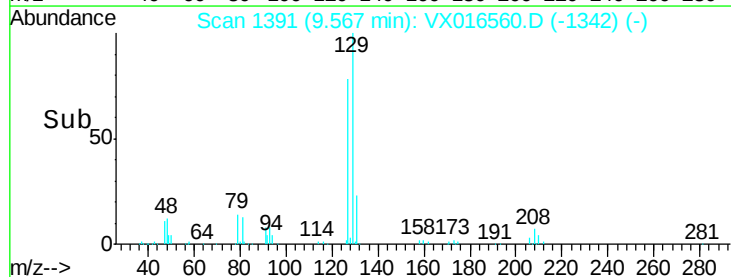
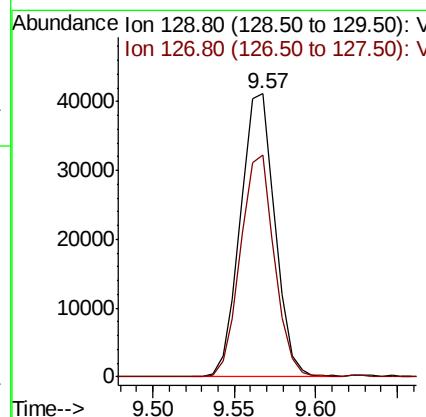
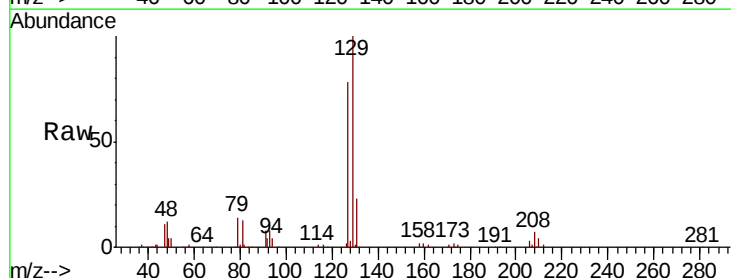
Instrument :
MSVOA_X
ClientSampled :

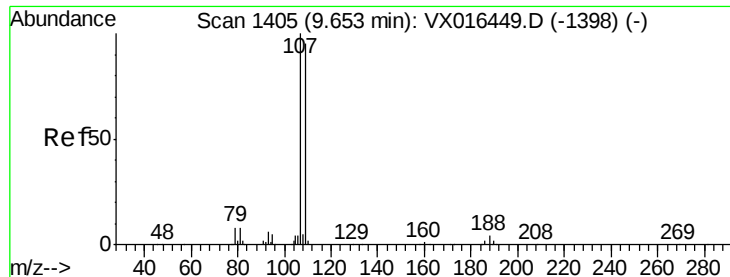
Tot Ion: 43 Resp: 308781
Ion Ratio Lower Upper
43 100
58 59.0 28.8 86.4



#60
Dibromochloromethane
Concen: 18.412 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion: 129 Resp: 61065
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.292 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

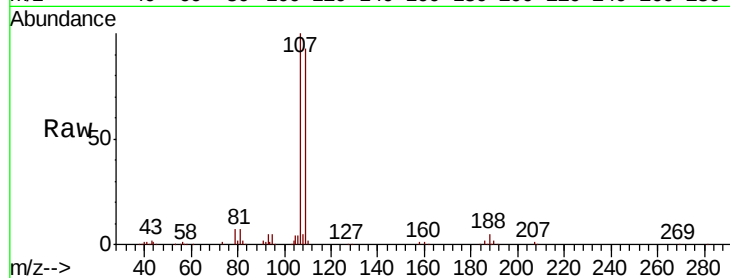
ClientSampleId :

Tot Ion:107 Resp: 57730

Ion Ratio Lower Upper

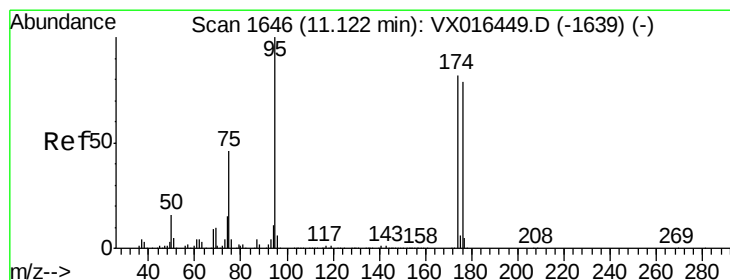
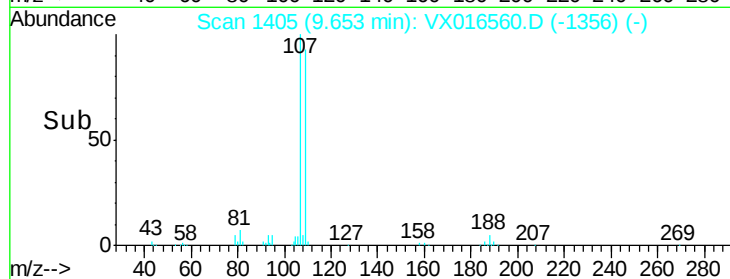
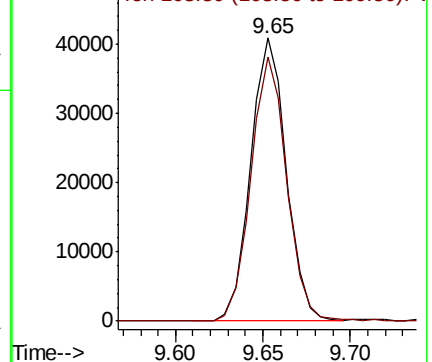
107 100

109 93.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.896 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

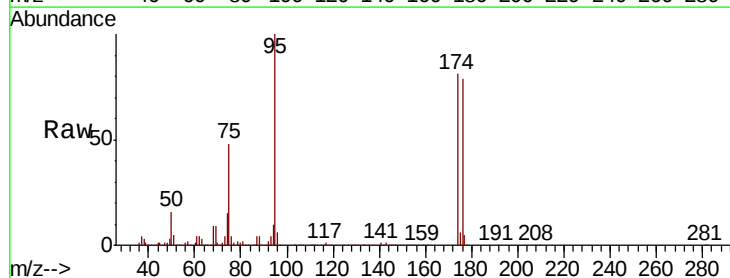
Tgt Ion: 95 Resp: 184913

Ion Ratio Lower Upper

95 100

174 82.5 0.0 163.0

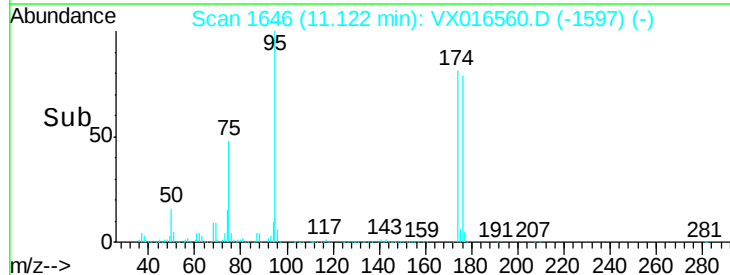
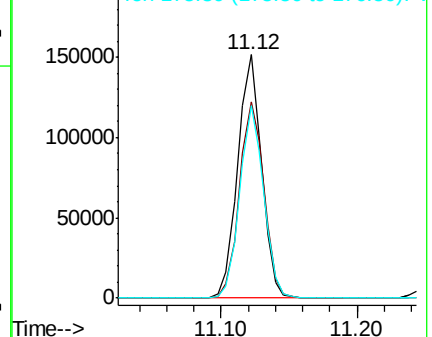
176 78.8 0.0 156.8

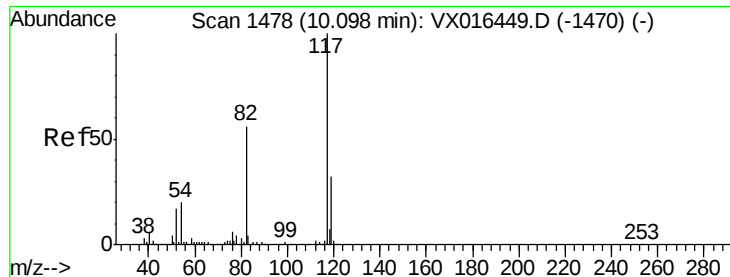


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

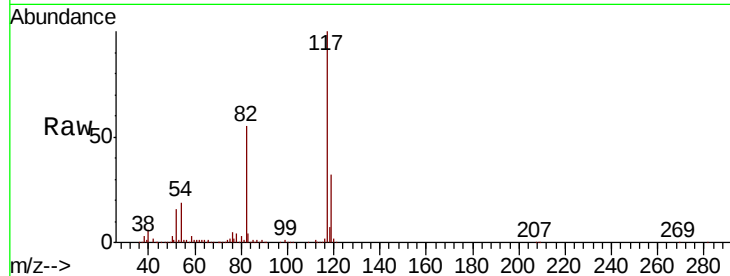




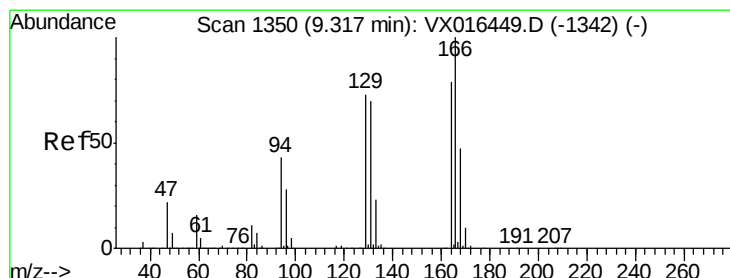
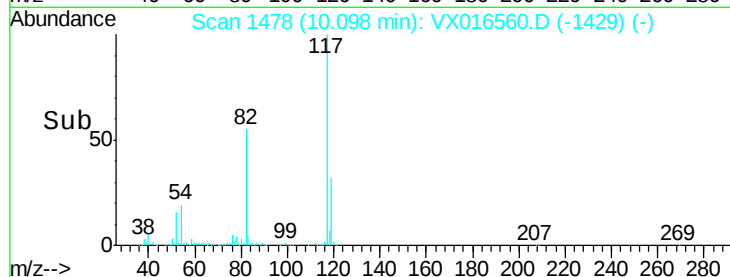
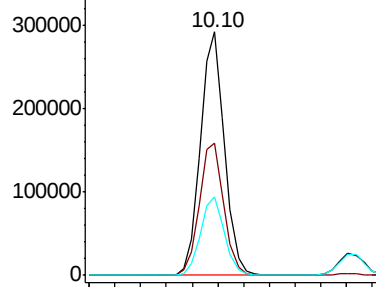
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 380976
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.6
119 32.1 25.8 38.8



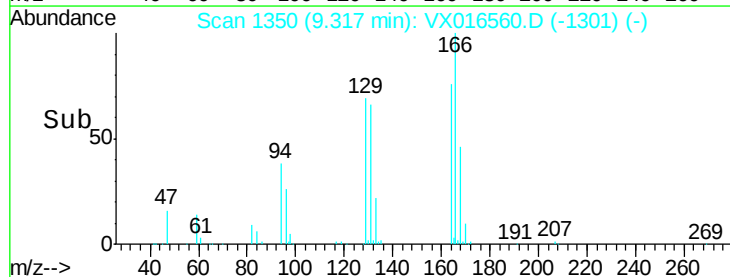
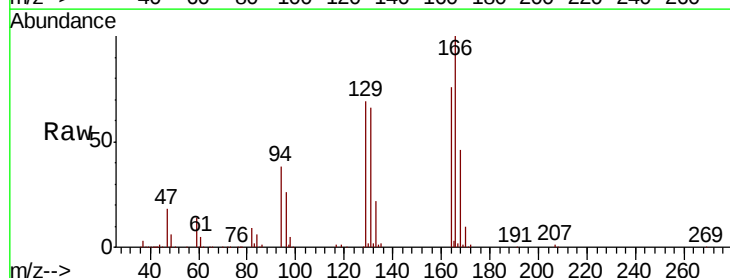
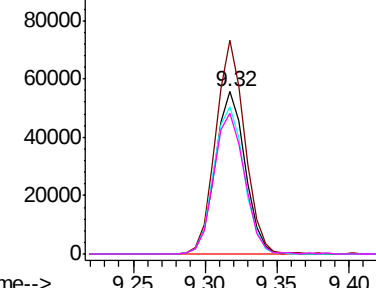
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

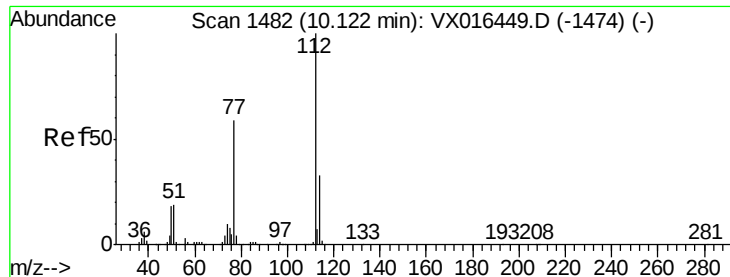


#64
Tetrachloroethene
Concen: 18.648 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion:164 Resp: 79485
Ion Ratio Lower Upper
164 100
166 131.6 100.9 151.3
129 90.6 73.2 109.8
131 87.2 70.8 106.2

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

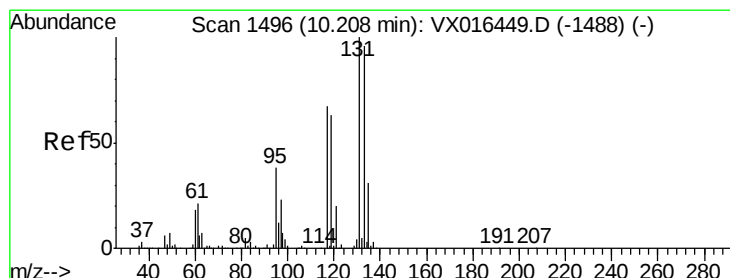
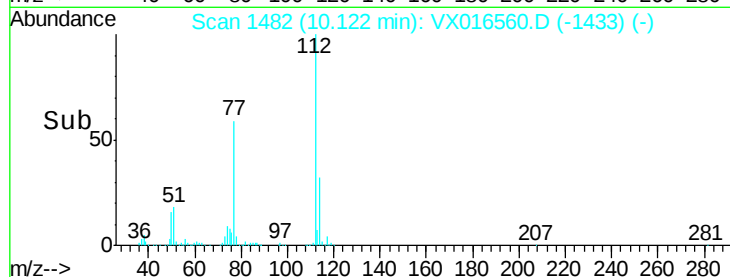
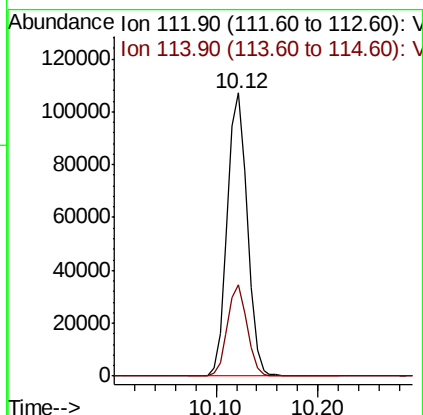
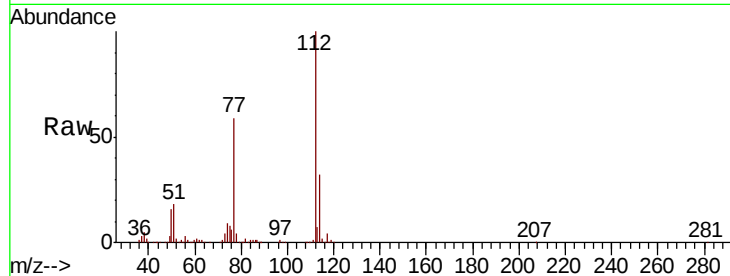




#65
Chlorobenzene
Concen: 18.731 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

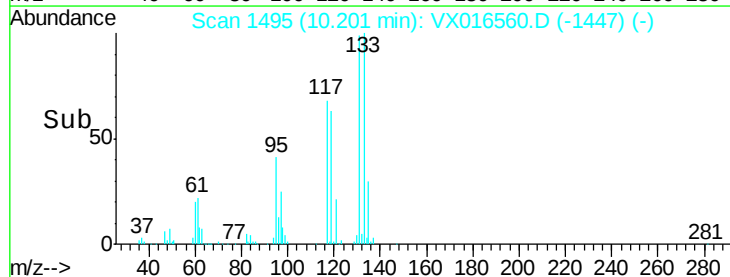
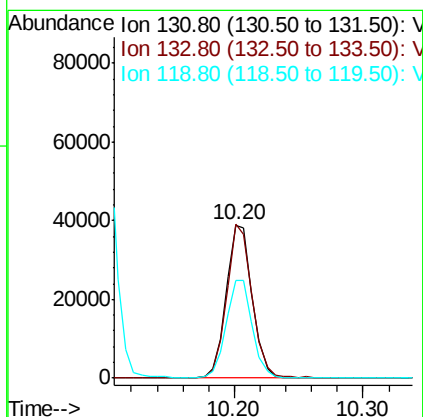
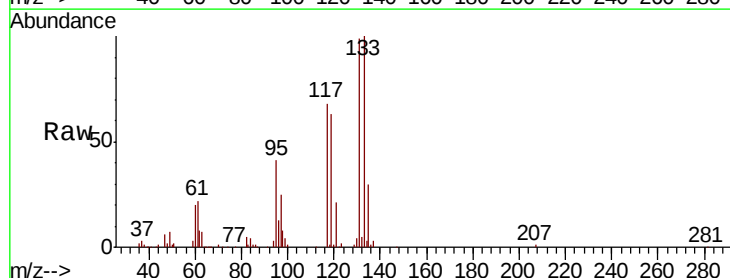
Instrument :
MSVOA_X
ClientSampleId :

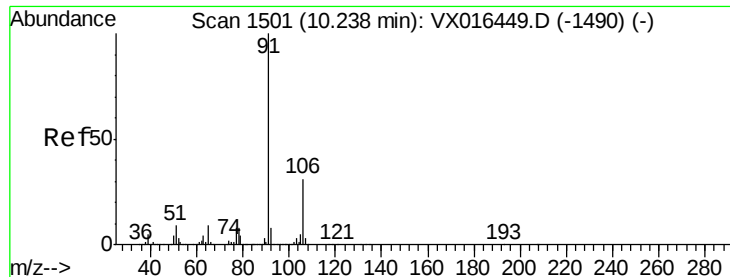
Tot Ion:112 Resp: 145481
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.632 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion:131 Resp: 55243
Ion Ratio Lower Upper
131 100
133 98.0 48.4 145.3
119 64.5 32.0 96.2





#67

Ethyl Benzene

Concen: 18.489 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

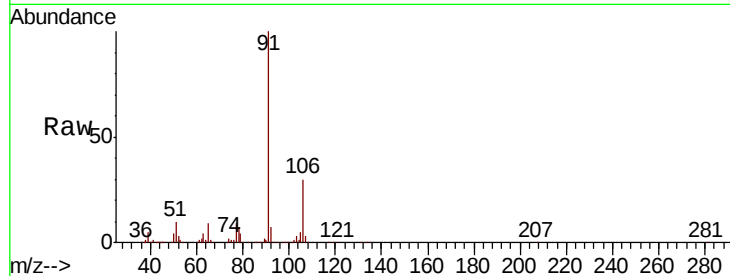
ClientSampleId :

Tot Ion: 91 Resp: 255681

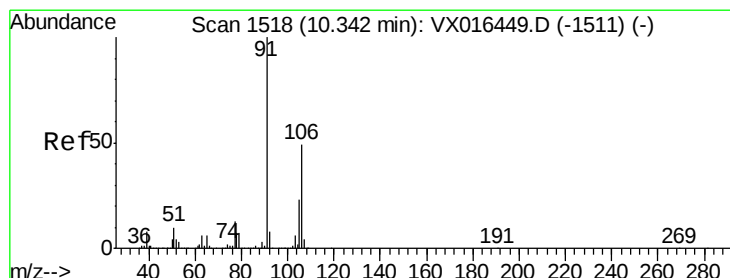
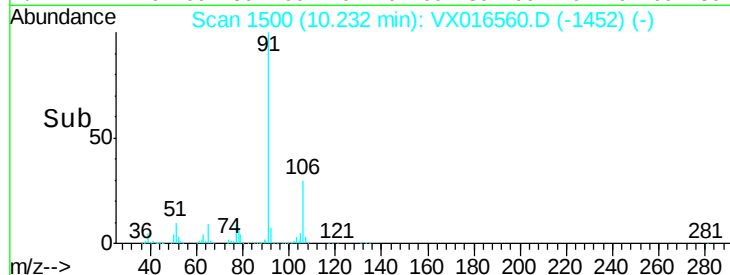
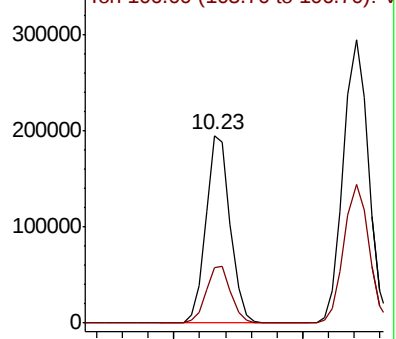
Ion Ratio Lower Upper

91 100

106 29.5 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX016560.D (-1452) (-)



#68

m/p-Xylenes

Concen: 37.747 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016560.D

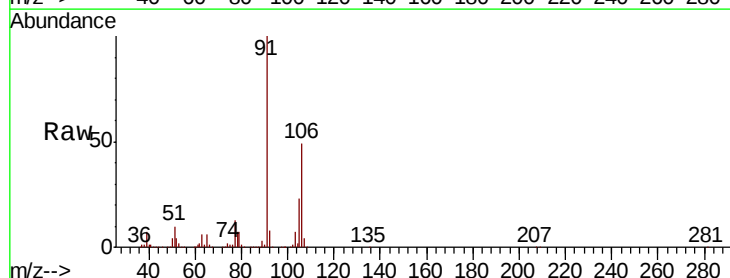
Acq: 03 Jun 2020 12:08

Tgt Ion: 106 Resp: 193539

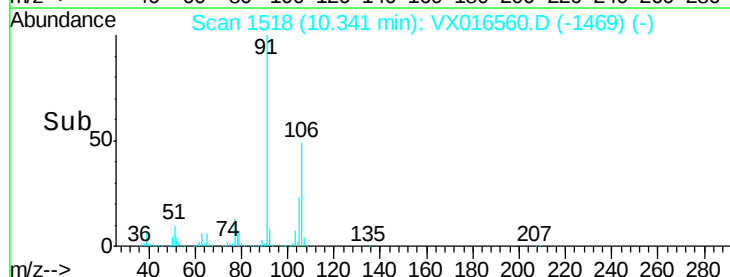
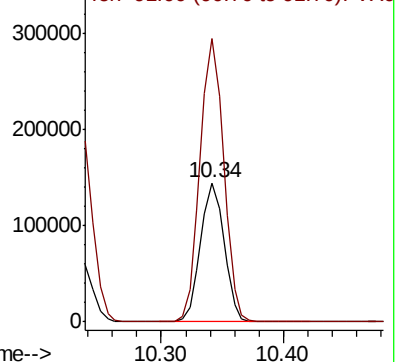
Ion Ratio Lower Upper

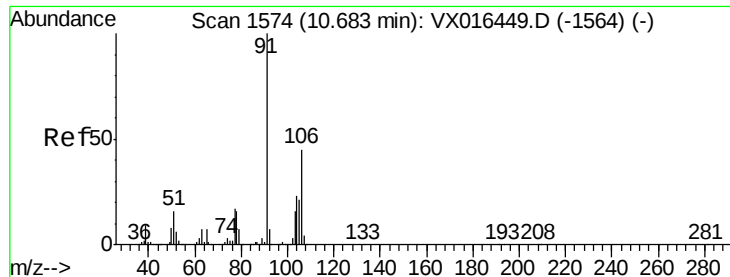
106 100

91 203.6 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VX016560.D (-1469) (-)

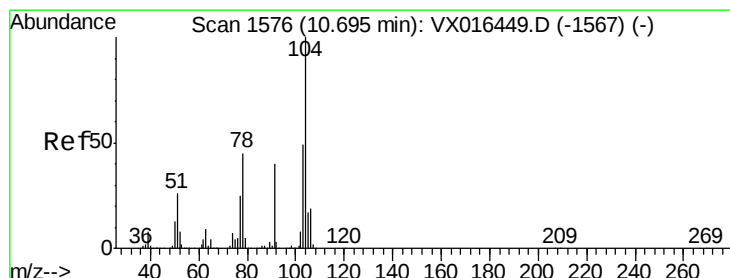
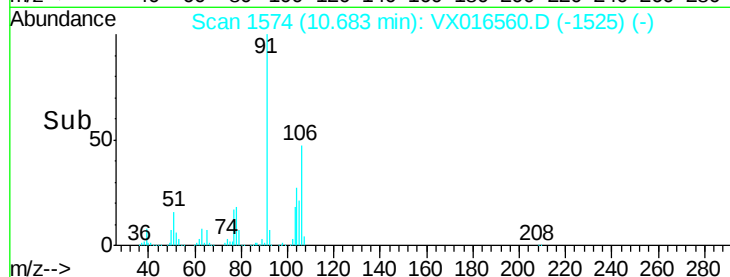
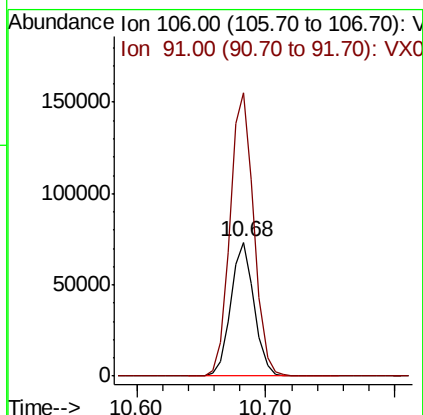
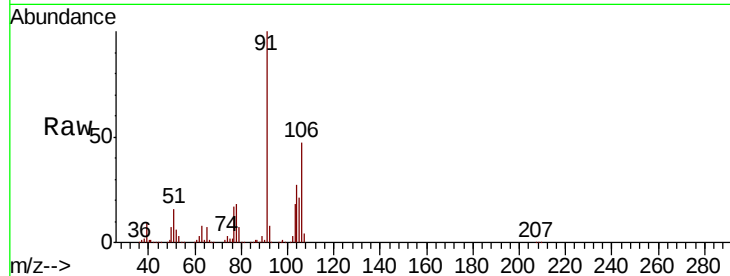




#69
o-Xylene
Concen: 18.762 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

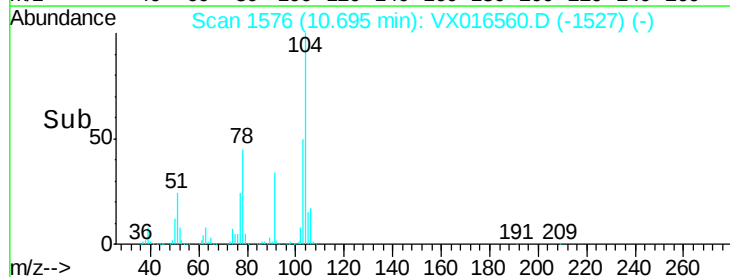
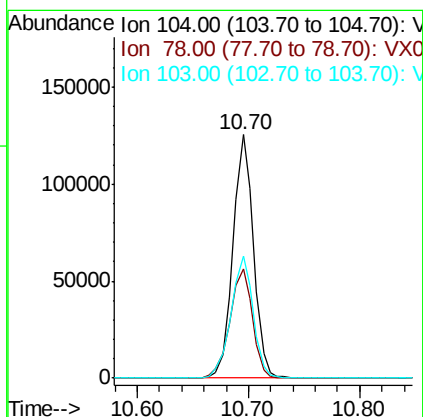
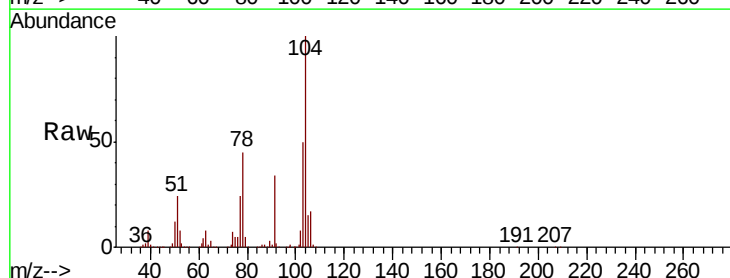
Instrument :
MSVOA_X
ClientSampleId :

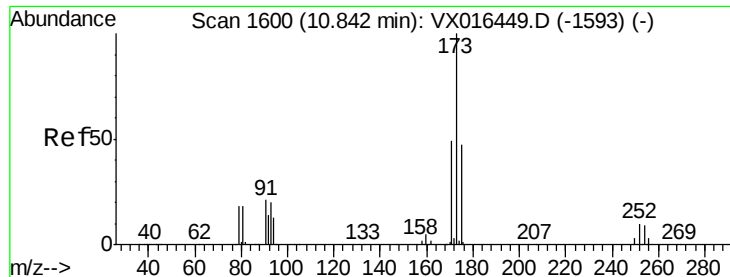
Tot Ion:106 Resp: 93164
Ion Ratio Lower Upper
106 100
91 215.0 109.6 328.8



#70
Styrene
Concen: 18.674 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion:104 Resp: 159385
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.2
103 54.2 43.1 64.7





#71

Bromoform

Concen: 18.754 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

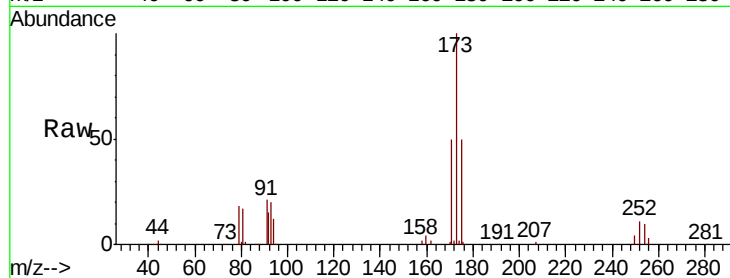
Tot Ion:173 Resp: 46993

Ion Ratio Lower Upper

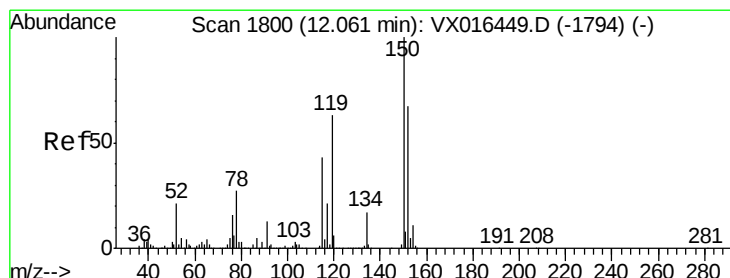
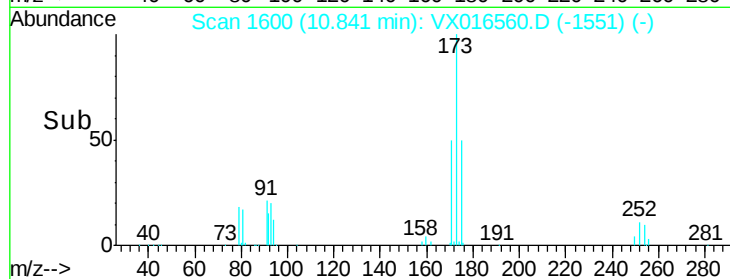
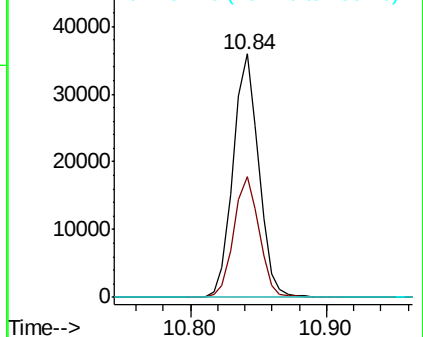
173 100

175 49.2 23.9 71.7

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

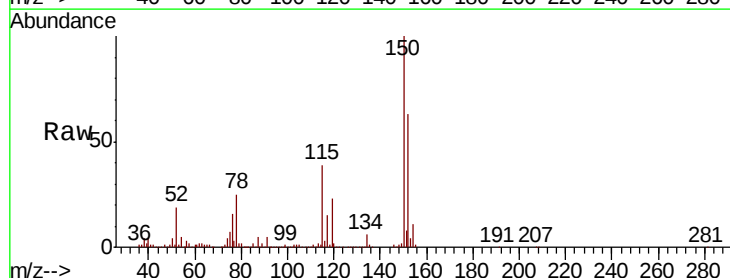
Tgt Ion:152 Resp: 191559

Ion Ratio Lower Upper

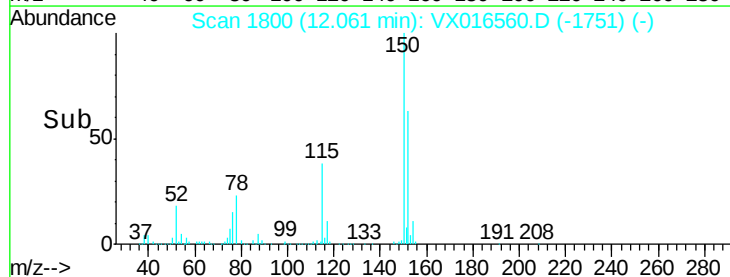
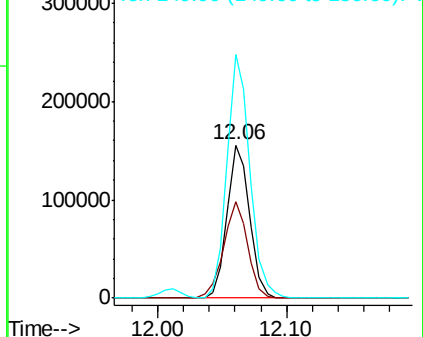
152 100

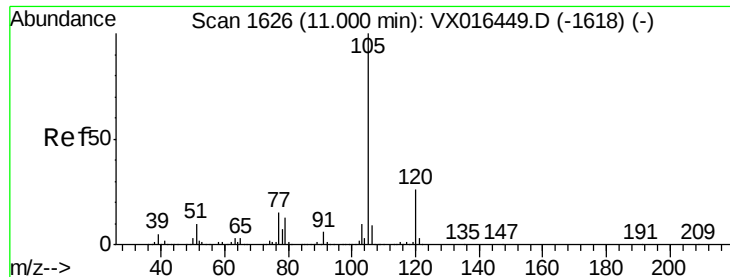
115 67.0 39.9 119.6

150 162.7 0.0 341.0



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: 18.589 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

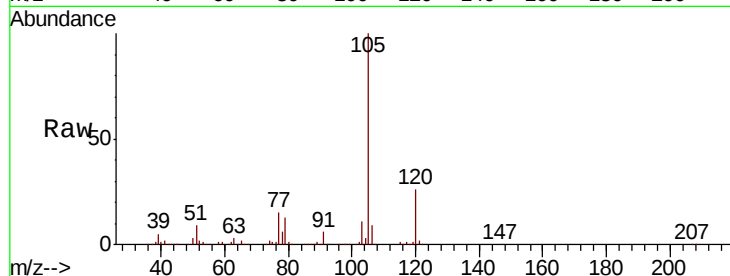
ClientSampleId :

Tot Ion:105 Resp: 246725

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

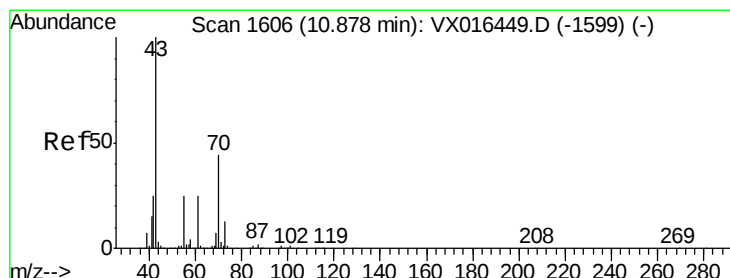
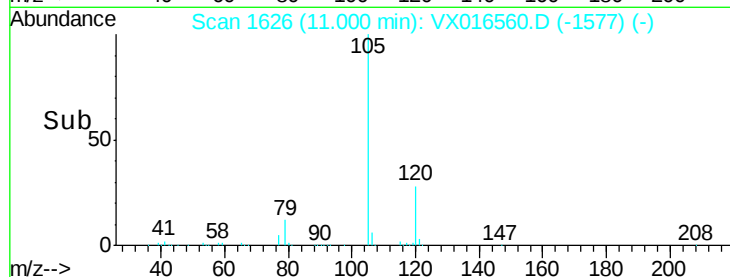
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 17.210 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Tgt Ion: 43 Resp: 105070

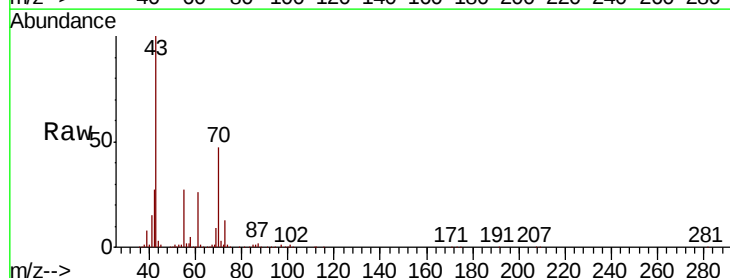
Ion Ratio Lower Upper

43 100

70 46.6 36.1 54.1

55 26.7 20.2 30.4

61 25.9 20.3 30.5



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

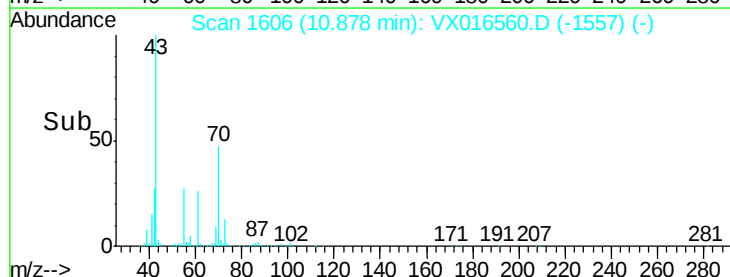
Ion 61.00 (60.70 to 61.70): VX0

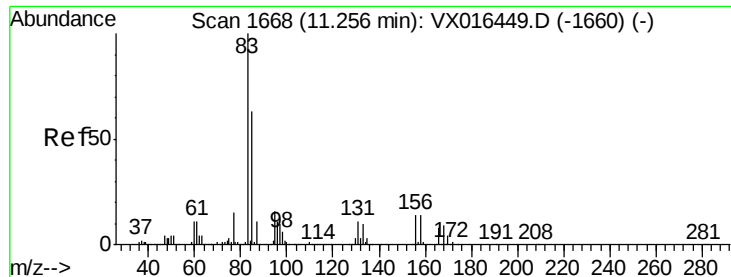
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.307 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

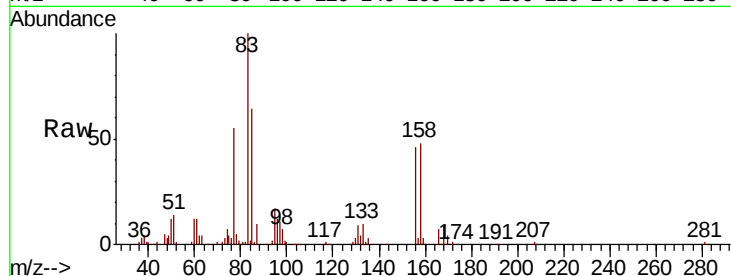
Tot Ion: 83 Resp: 60898

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

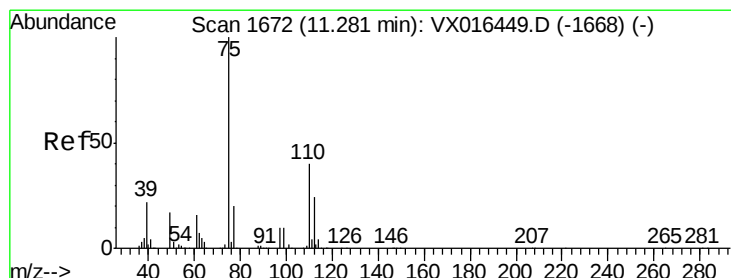
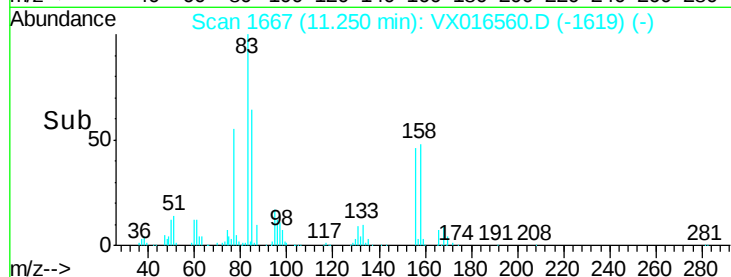
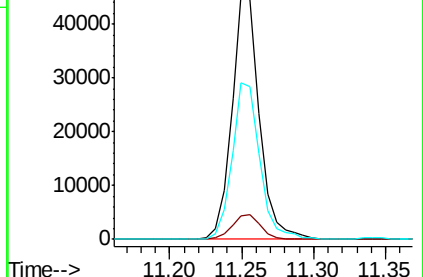
85 64.7 32.0 96.2



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: 24.111 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016560.D

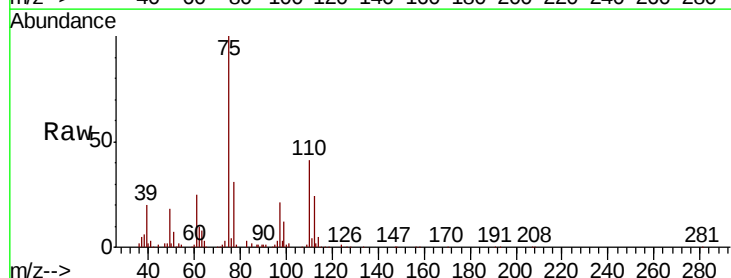
Acq: 03 Jun 2020 12:08

Tgt Ion: 75 Resp: 101522

Ion Ratio Lower Upper

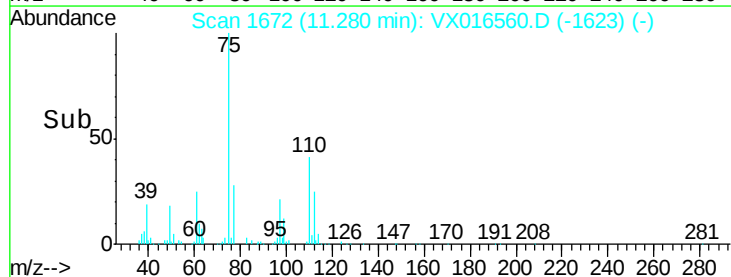
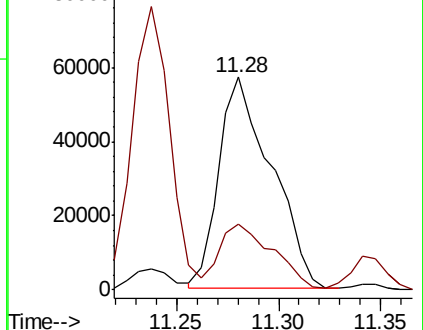
75 100

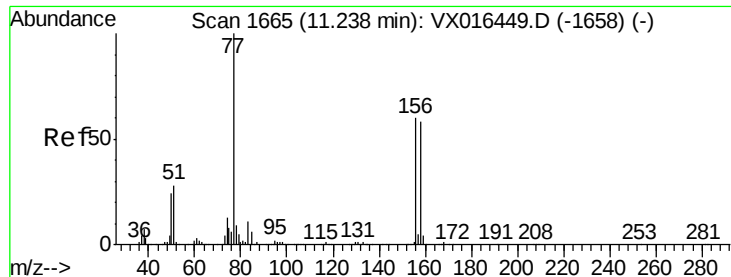
77 32.2 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.119 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

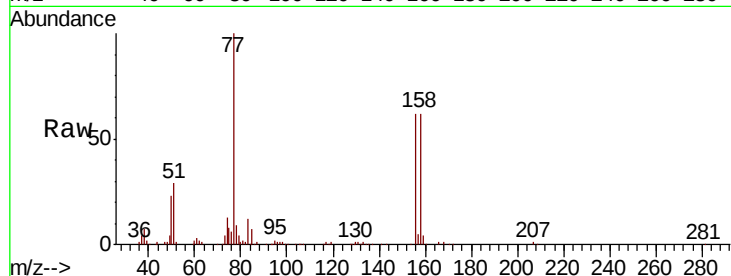
Tot Ion:156 Resp: 63077

Ion Ratio Lower Upper

156 100

77 156.9 79.6 238.8

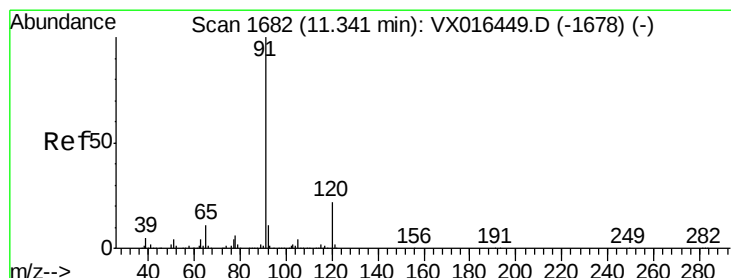
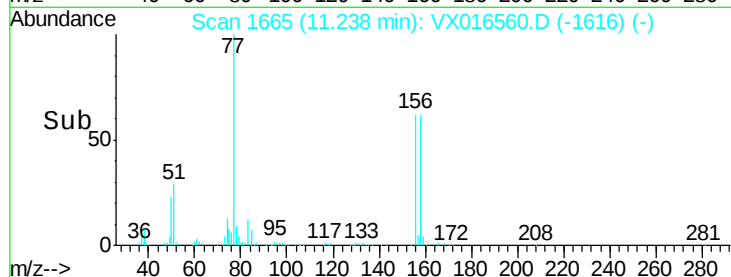
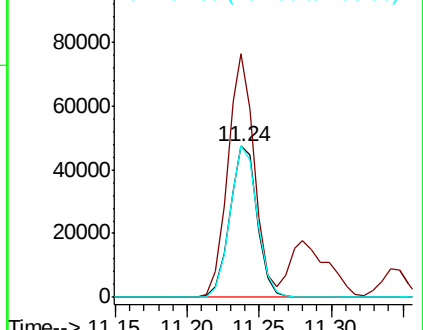
158 99.3 48.1 144.4



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: 18.596 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016560.D

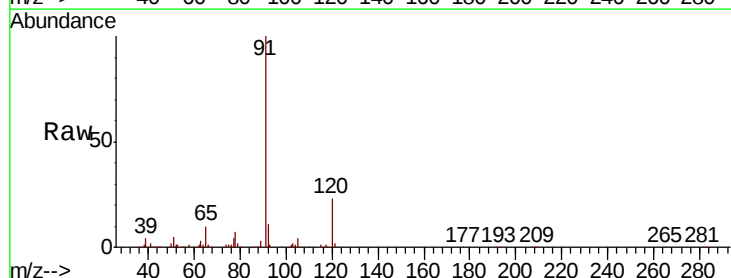
Acq: 03 Jun 2020 12:08

Tgt Ion: 91 Resp: 275758

Ion Ratio Lower Upper

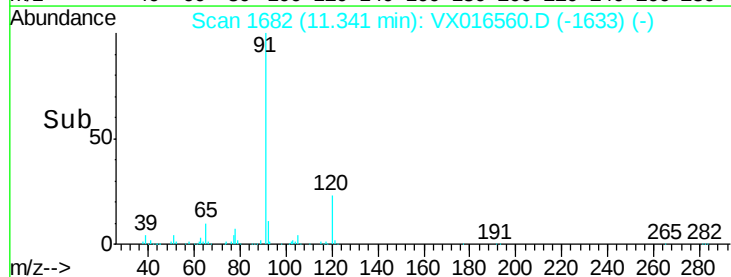
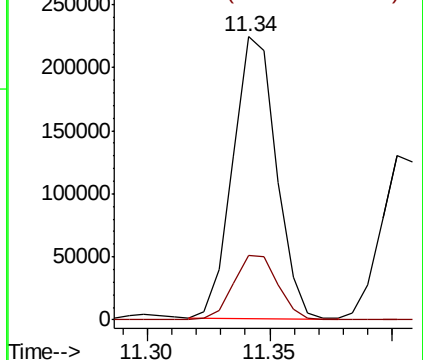
91 100

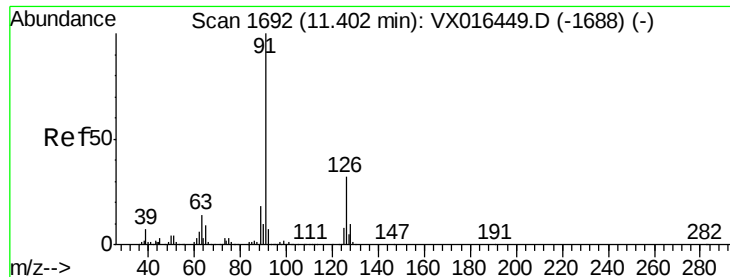
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

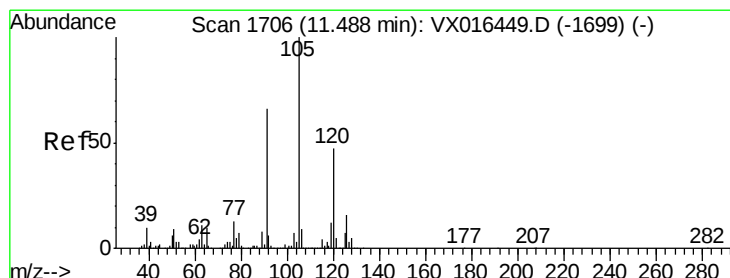
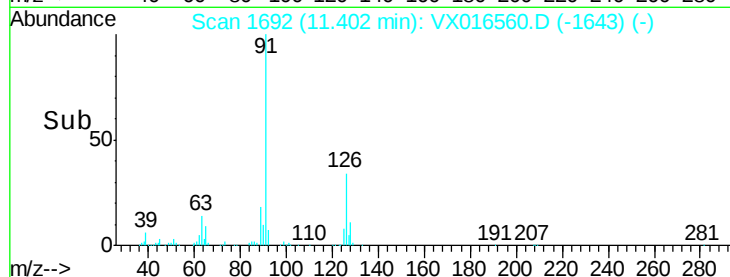
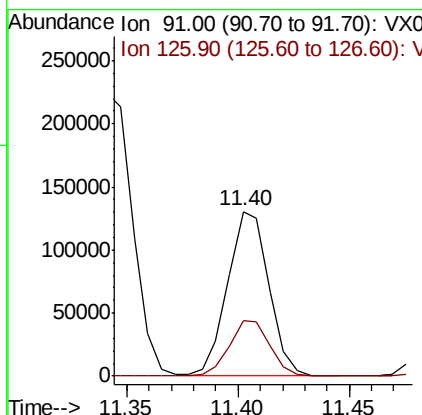
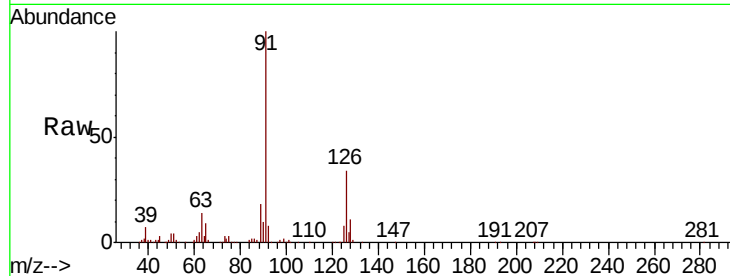




#79
 2-Chlorotoluene
 Concen: 18.562 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

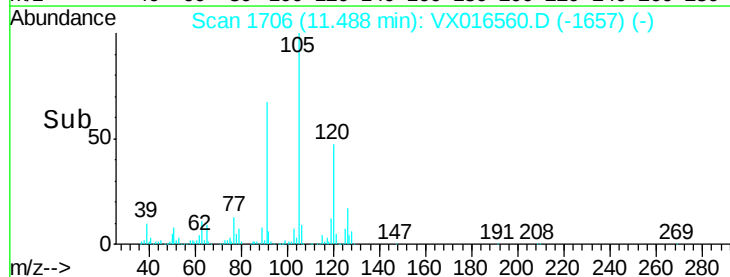
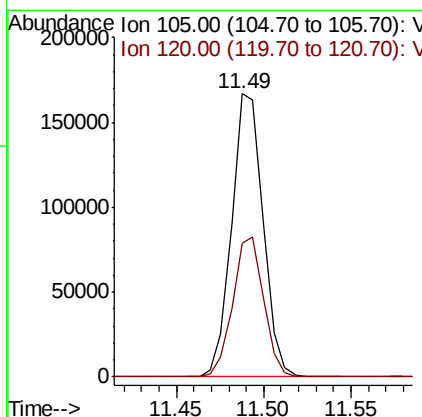
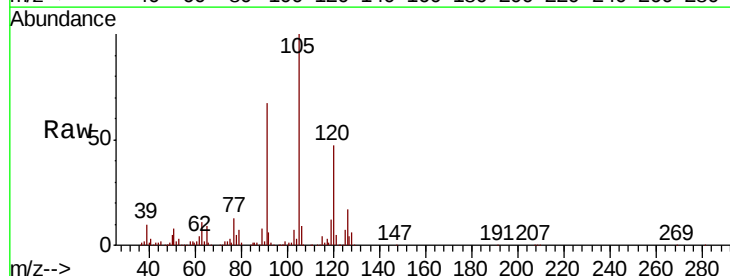
Instrument :
 MSVOA_X
 ClientSampled :

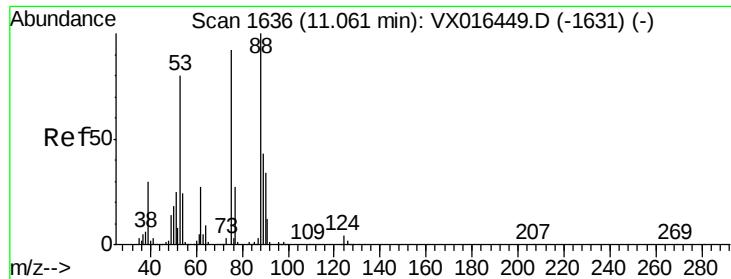
Tot Ion: 91 Resp: 168010
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.830 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion: 105 Resp: 208686
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8

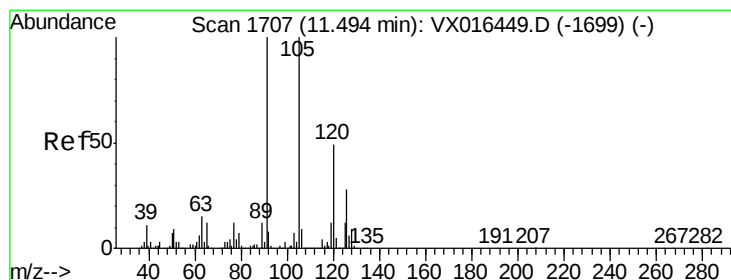
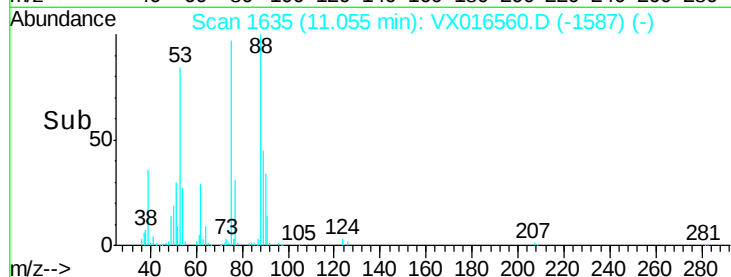
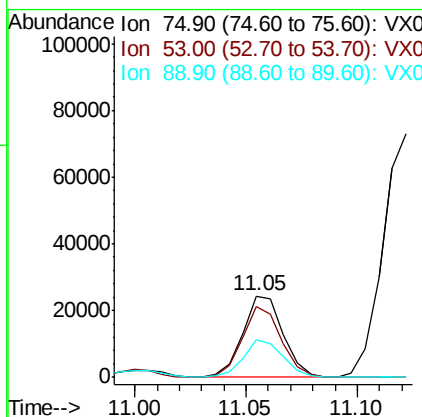
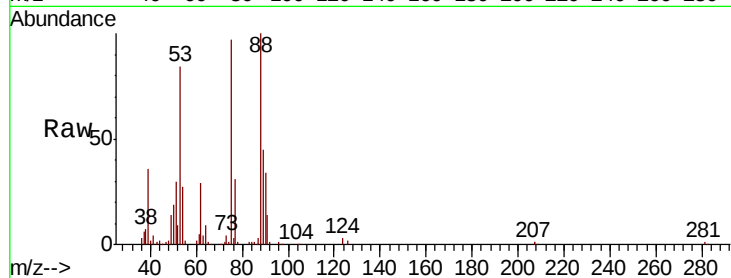




#81
trans-1,4-Dichloro-2-butene
Concen: 18.012 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

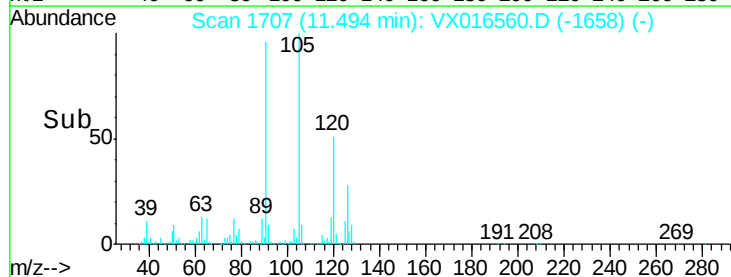
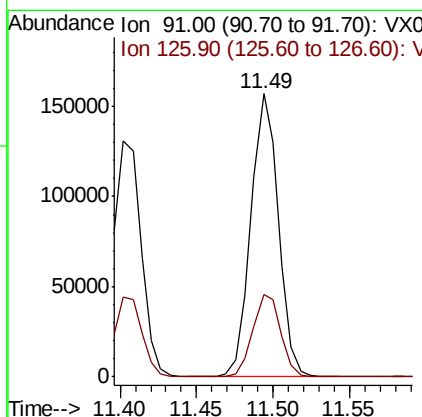
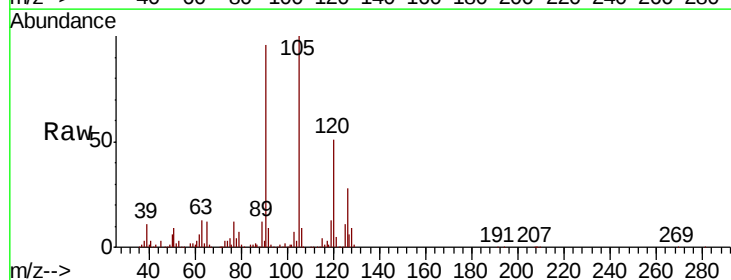
Instrument :
MSVOA_X
ClientSampleId :

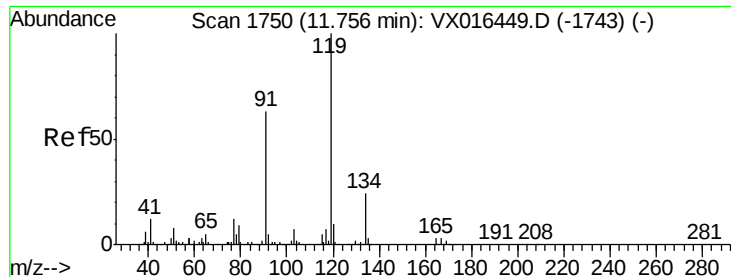
Tot Ion: 75 Resp: 30832
Ion Ratio Lower Upper
75 100
53 85.1 71.3 106.9
89 45.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 18.337 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion: 91 Resp: 195997
Ion Ratio Lower Upper
91 100
126 29.6 14.7 44.1

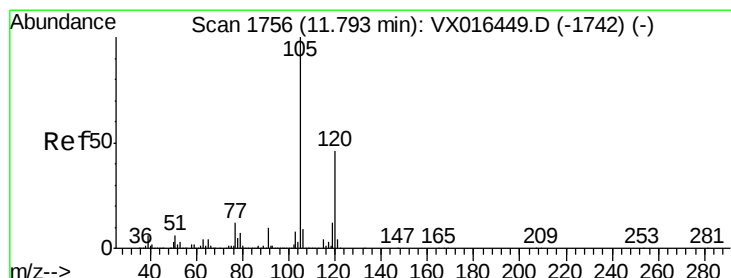
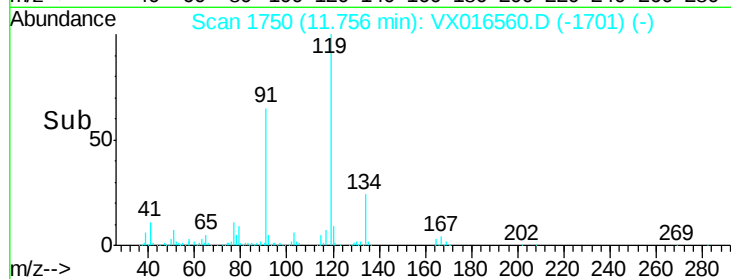
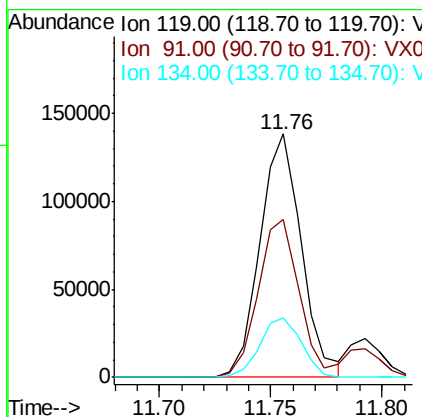
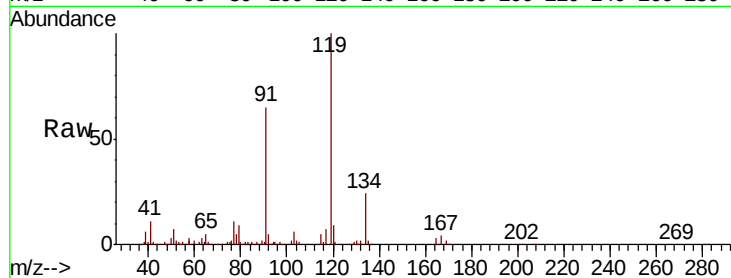




#83
tert-Butylbenzene
Concen: 18.927 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

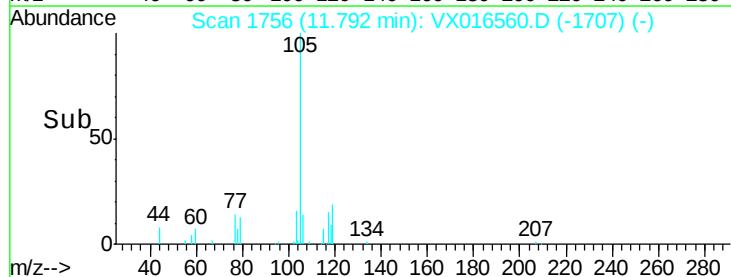
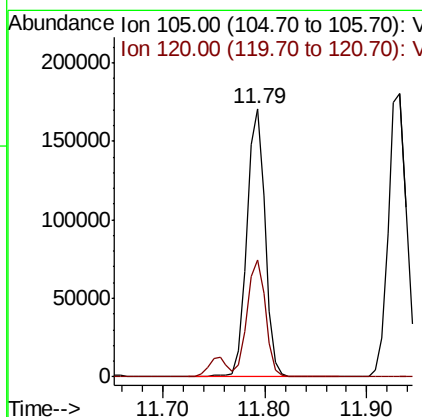
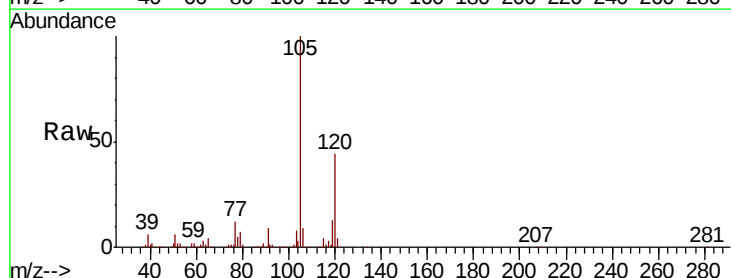
Instrument :
MSVOA_X
ClientSampleId :

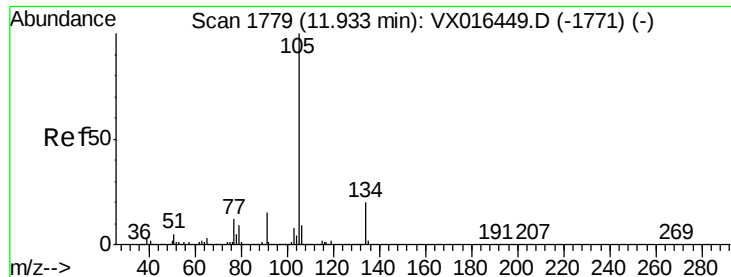
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	31.3	93.8
134	24.3	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 18.848 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.6	67.7

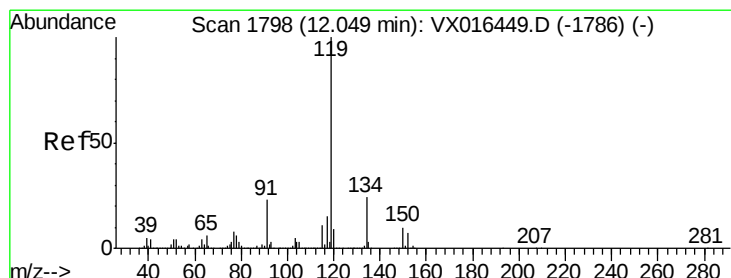
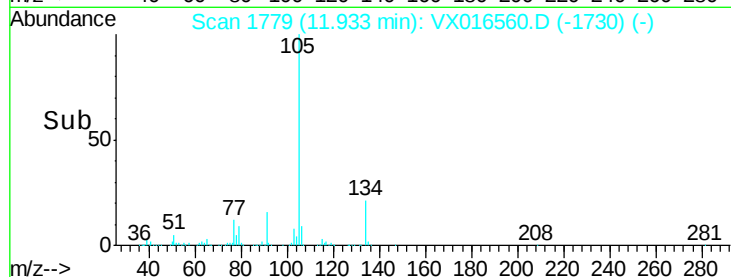
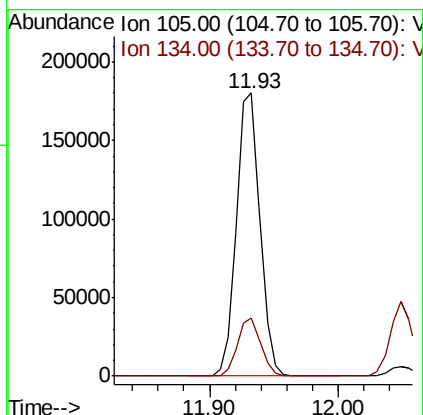
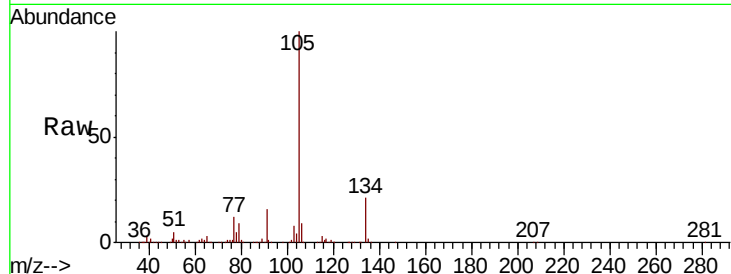




#85
 sec-Butylbenzene
 Concen: 19.251 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

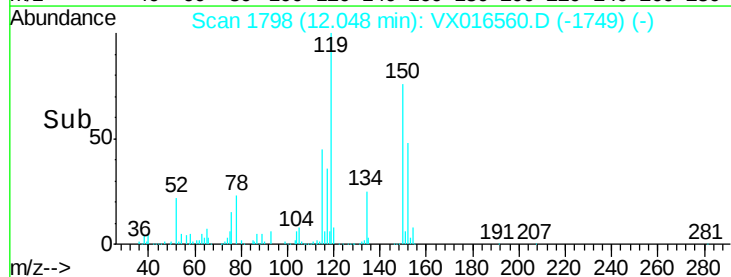
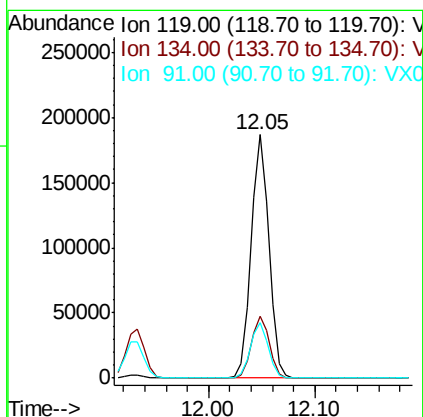
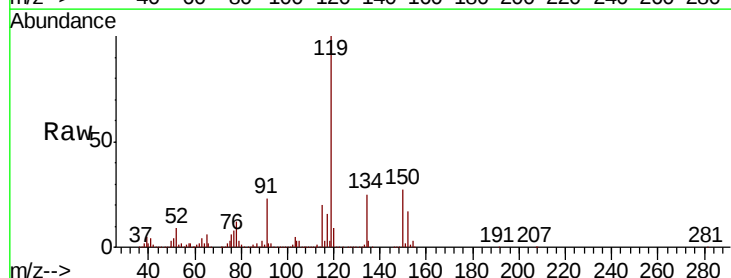
Instrument :
 MSVOA_X
 ClientSampleId :

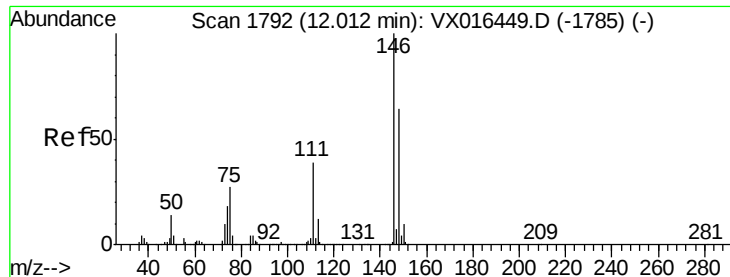
Tot Ion:105 Resp: 228683
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.710 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion:119 Resp: 219331
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 22.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.525 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016560.D

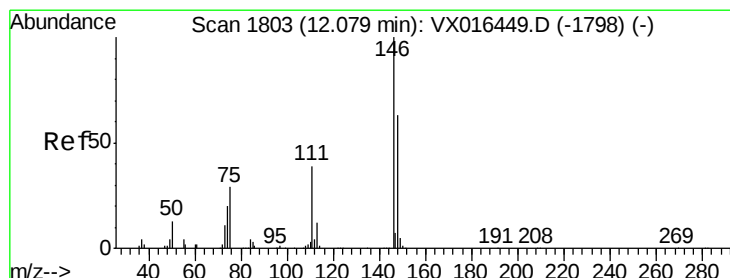
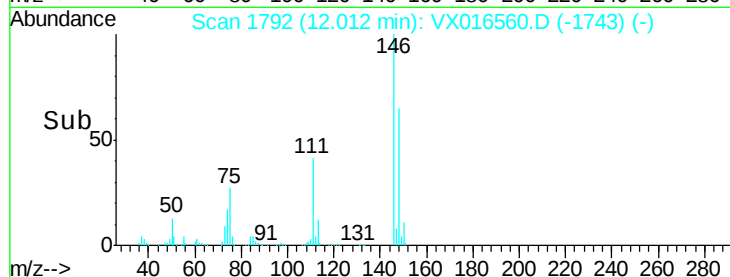
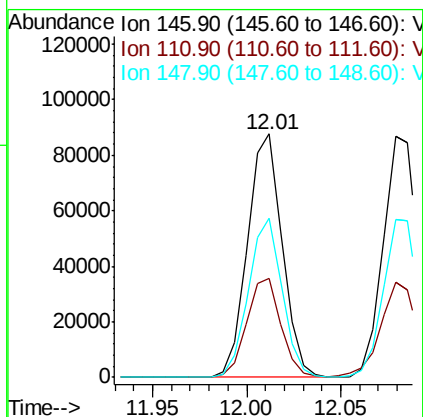
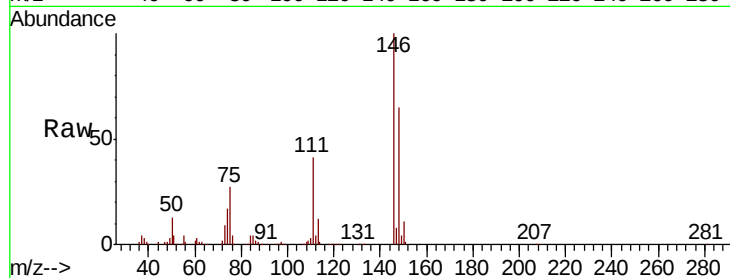
Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	111726
Ion	Ratio	Lower Upper
146	100	
111	40.1	20.0 60.0
148	63.5	31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.169 ug/l

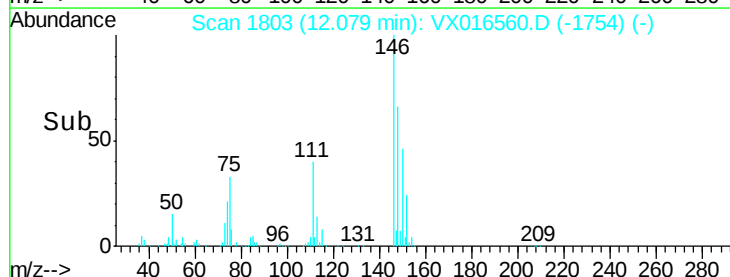
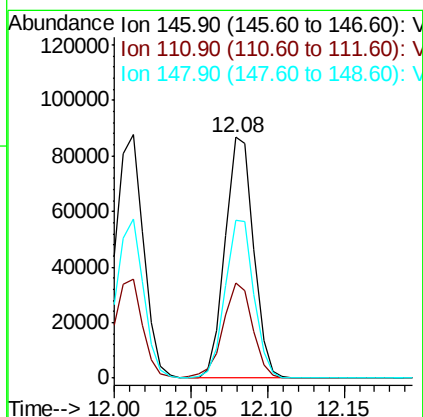
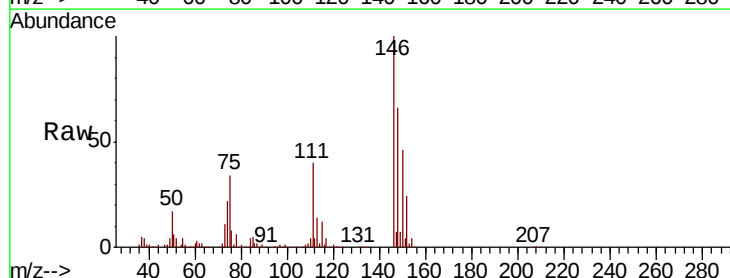
RT: 12.08 min Scan# 1803

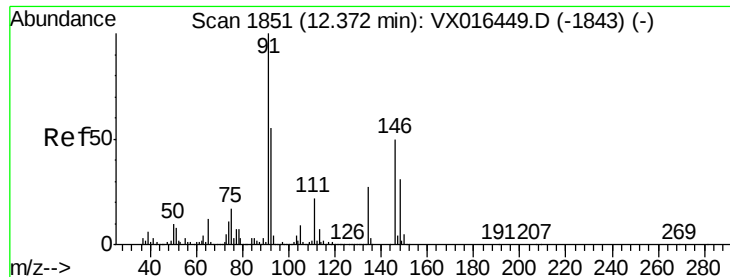
Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Tgt Ion:146	Resp:	112069
Ion	Ratio	Lower Upper
146	100	
111	41.0	19.4 58.2
148	66.0	31.4 94.3





#89

n-Butylbenzene

Concen: 19.562 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016560.D

Acq: 03 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

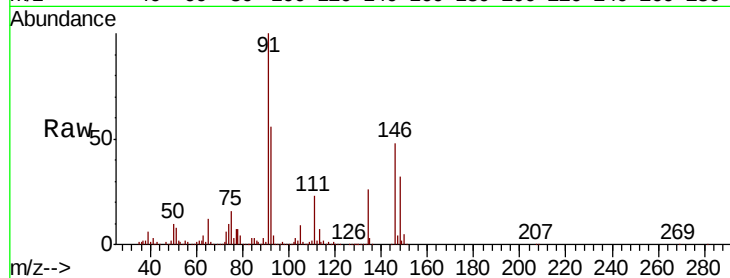
Tot Ion: 91 Resp: 181311

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.5

134 26.5 13.1 39.3

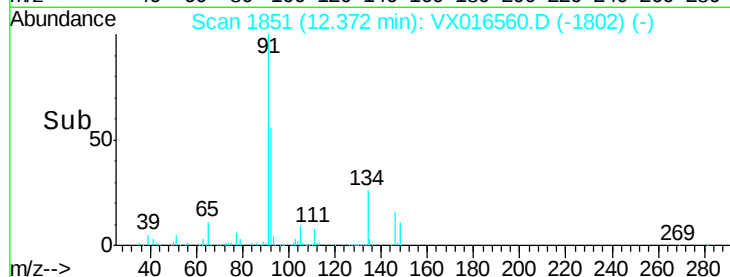


Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1843) (-)

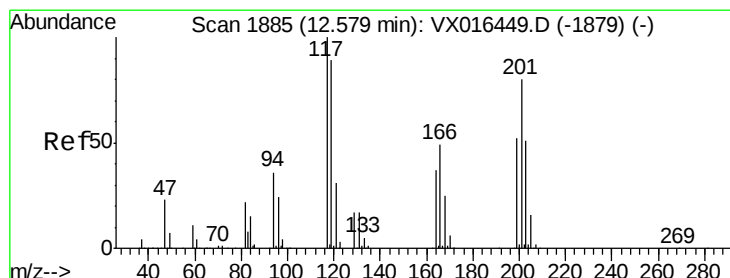
Ion 92.00 (91.70 to 92.70): VX016449.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX016449.D (-1843) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 18.409 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016560.D

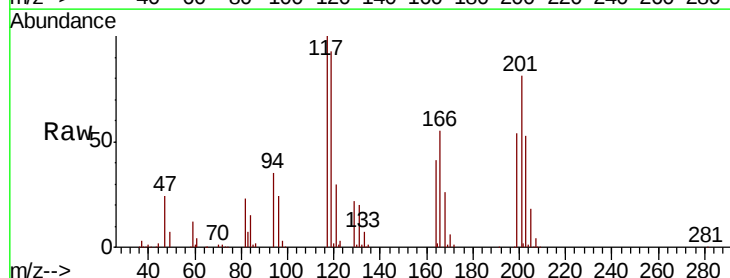
Acq: 03 Jun 2020 12:08

Tgt Ion: 117 Resp: 35384

Ion Ratio Lower Upper

117 100

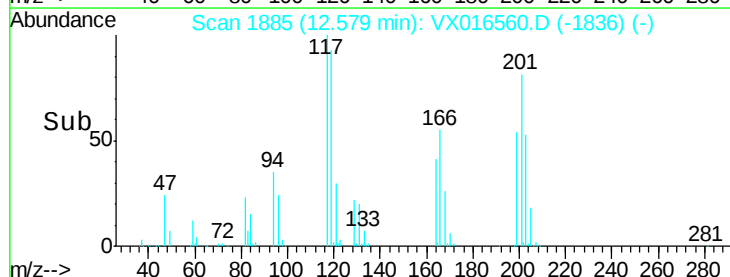
201 86.4 43.1 129.3



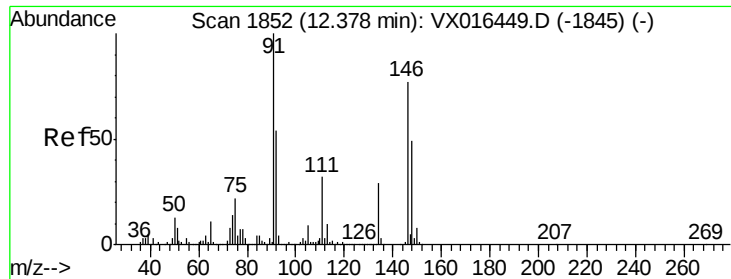
Abundance Ion 116.80 (116.50 to 117.50): VX016449.D (-1879) (-)

Ion 200.70 (200.40 to 201.40): VX016449.D (-1879) (-)

Time-->



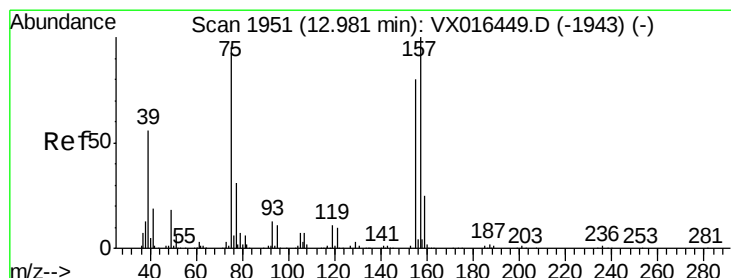
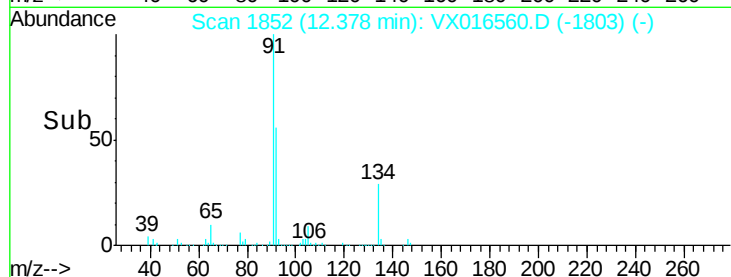
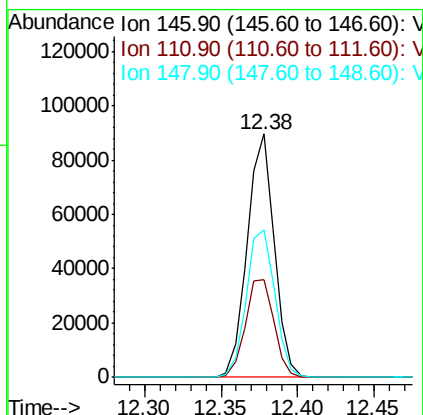
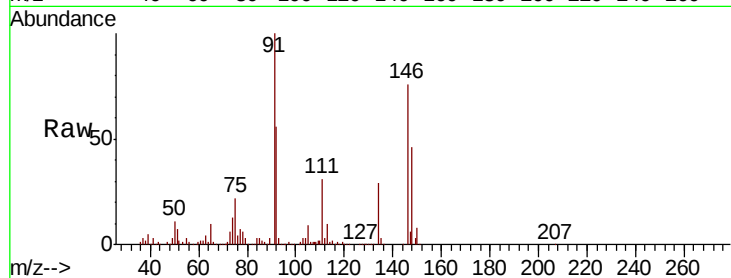
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 18.805 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

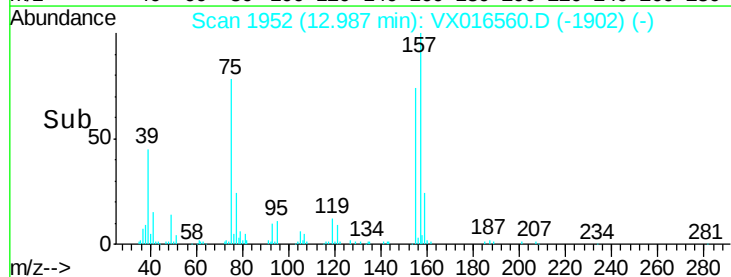
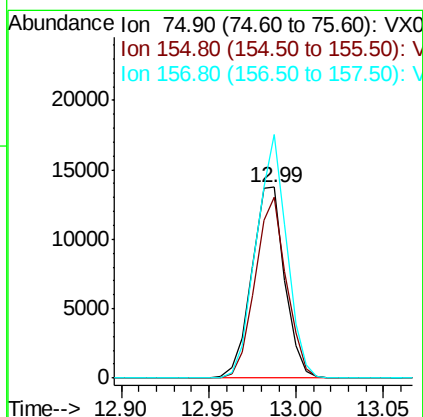
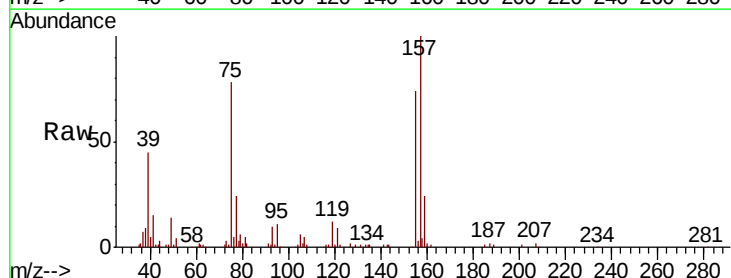
Instrument :
 MSVOA_X
 ClientSampleId :

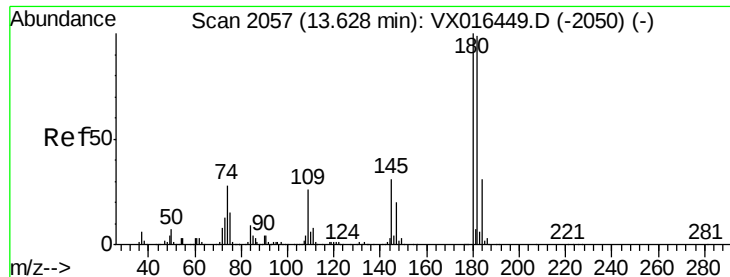
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	64.0	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.720 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	44.1	132.4
157	118.0	57.8	173.3

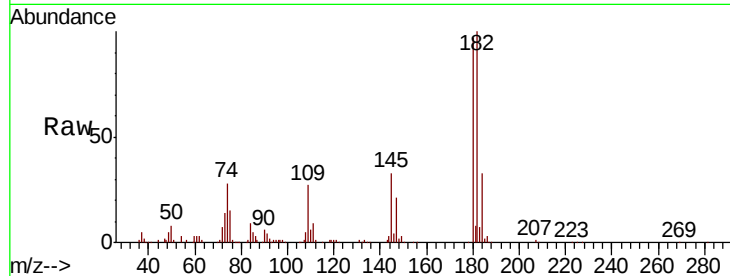




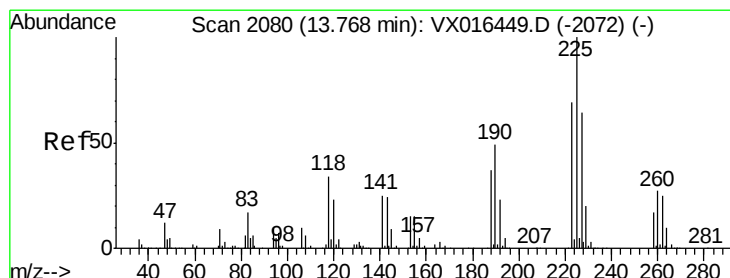
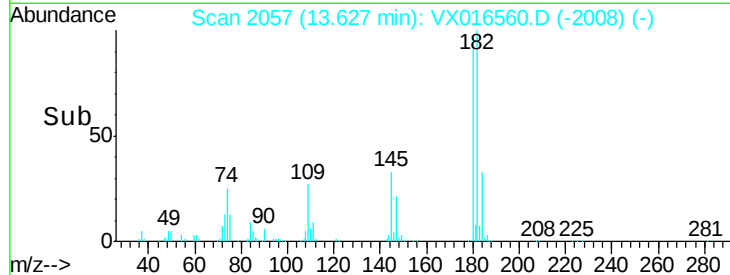
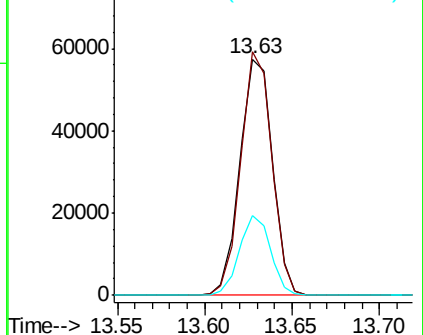
#93
 1,2,4-Trichlorobenzene
 Concen: 19.245 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	48.3	144.8
145	32.3	15.4	46.2

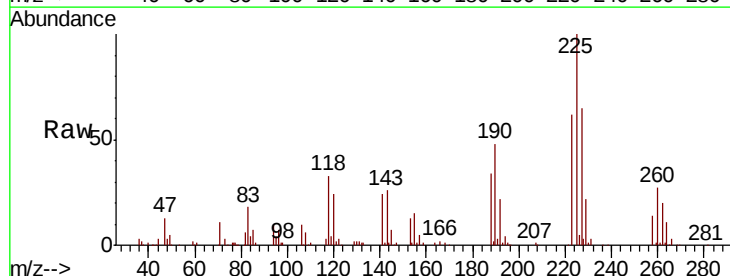


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

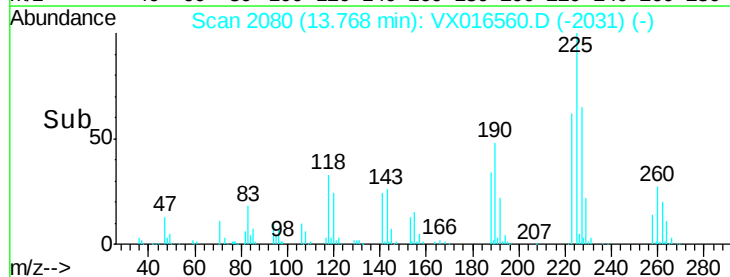
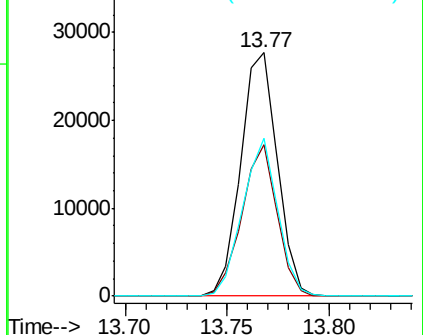


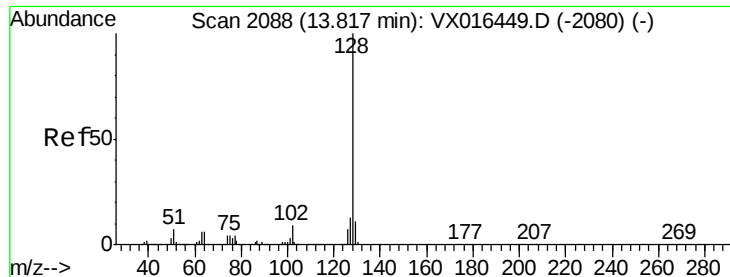
#94
 Hexachlorobutadiene
 Concen: 22.655 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016560.D
 Acq: 03 Jun 2020 12:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	32.3	96.8
227	61.9	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

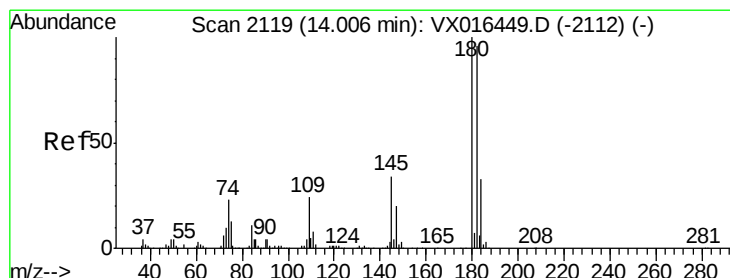
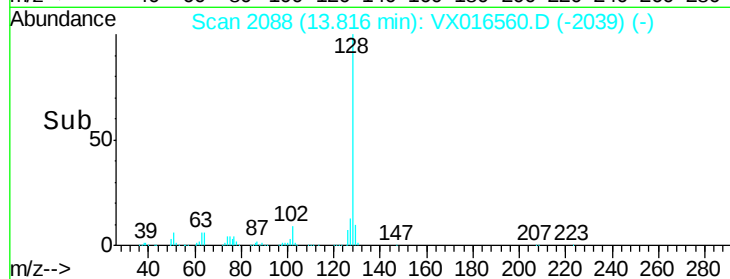
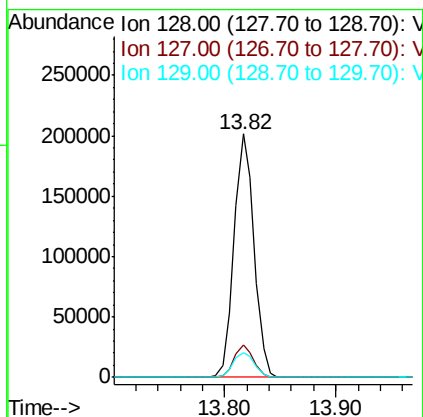
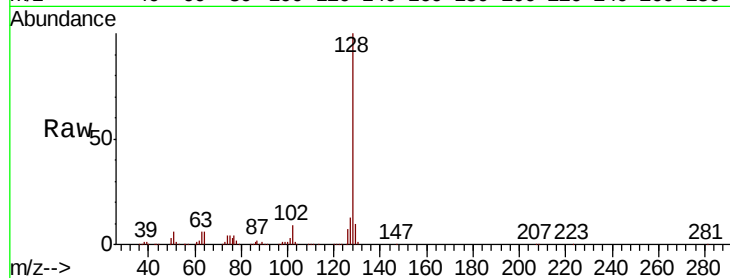




#95
Naphthalene
Concen: 18.737 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 249274
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.270 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016560.D
Acq: 03 Jun 2020 12:08

Tgt Ion:180 Resp: 77064
Ion Ratio Lower Upper
180 100
182 93.2 48.6 145.8
145 32.7 16.6 49.8

