

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016057.D
 Acq On : 05 May 2020 12:41
 Operator : JC/SP
 Sample : L2182-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 06 04:58:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	313323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	495860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219638	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	186970	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	
35) Dibromofluoromethane	5.47	113	140828	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
50) Toluene-d8	8.70	98	554678	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.12	95	204724	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	7287	2.197	ug/l	98
3) Chloromethane	1.31	50	8748	2.271	ug/l	95
4) Vinyl Chloride	1.39	62	9499	2.312	ug/l	100
5) Bromomethane	1.63	94	6895	3.328	ug/l	98
6) Chloroethane	1.71	64	6397	2.559	ug/l	96
7) Trichlorofluoromethane	1.92	101	12977	2.406	ug/l	99
8) Diethyl Ether	2.17	74	5520	2.428	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7598	2.441	ug/l	98
10) Methyl Iodide	2.49	142	7847	1.877	ug/l	99
11) Tert butyl alcohol	3.01	59	12008	11.517	ug/l	96
12) 1,1-Dichloroethene	2.35	96	7869	2.416	ug/l	96
13) Acrolein	2.28	56	6990	10.714	ug/l	94
14) Allyl chloride	2.71	41	14104	2.362	ug/l	98
15) Acrylonitrile	3.12	53	24527	11.340	ug/l	99
16) Acetone	2.42	43	21843	11.873	ug/l	97
17) Carbon Disulfide	2.55	76	24854	2.344	ug/l	96
18) Methyl Acetate	2.75	43	10515	2.325	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	26170	2.331	ug/l	97
20) Methylene Chloride	2.84	84	8991	2.371	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	9145	2.520	ug/l	88
22) Diisopropyl ether	3.82	45	26625	2.363	ug/l	99
23) Vinyl Acetate	3.79	43	109593	11.057	ug/l	99
24) 1,1-Dichloroethane	3.67	63	15090	2.394	ug/l	98
25) 2-Butanone	4.64	43	33627	11.344	ug/l	97
26) 2,2-Dichloropropane	4.55	77	13286	2.308	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	9083	2.289	ug/l	95
28) Bromochloromethane	4.98	49	6691	2.328	ug/l	99
29) Tetrahydrofuran	5.09	42	22270	11.338	ug/l	99
30) Chloroform	5.18	83	14831	2.363	ug/l	92
31) Cyclohexane	5.56	56	13539	2.364	ug/l	92
32) 1,1,1-Trichloroethane	5.47	97	13421	2.353	ug/l	97
36) 1,1-Dichloropropene	5.77	75	11363	2.328	ug/l	98
37) Ethyl Acetate	4.79	43	13274	2.346	ug/l	98
38) Carbon Tetrachloride	5.76	117	11687	2.356	ug/l	97

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 ClientSampleId :

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	13878	2.361	ug/l	93
40) Benzene	6.12	78	34050	2.384	ug/l	99
41) Methacrylonitrile	5.01	41	6937	2.271	ug/l	97
42) 1,2-Dichloroethane	6.17	62	12786	2.485	ug/l	99
43) Isopropyl Acetate	6.42	43	21271	2.357	ug/l	98
44) Trichloroethene	7.19	130	12247	2.414	ug/l	99
45) 1,2-Dichloropropane	7.49	63	8580	2.374	ug/l	97
46) Dibromomethane	7.64	93	5830	2.374	ug/l	98
47) Bromodichloromethane	7.88	83	11324	2.264	ug/l	95
48) Methyl methacrylate	7.74	41	9096	2.127	ug/l	92
49) 1,4-Dioxane	7.71	88	4780	46.598	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	61205	11.081	ug/l	99
52) Toluene	8.77	92	21161	2.377	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	13552	2.273	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	13999	2.247	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	8291	2.367	ug/l	94
56) Ethyl methacrylate	9.16	69	12356	2.161	ug/l	96
57) 1,3-Dichloropropane	9.35	76	14170	2.319	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	32581	10.705	ug/l	99
59) 2-Hexanone	9.48	43	47076	10.852	ug/l	98
60) Dibromochloromethane	9.57	129	8323	2.158	ug/l	100
61) 1,2-Dibromoethane	9.65	107	8841	2.330	ug/l	99
64) Tetrachloroethene	9.32	164	13925	2.488	ug/l	96
65) Chlorobenzene	10.12	112	22366	2.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	7957	2.256	ug/l	96
67) Ethyl Benzene	10.24	91	38871	2.283	ug/l	98
68) m/p-Xylenes	10.34	106	29108	4.562	ug/l	100
69) o-Xylene	10.68	106	14016	2.285	ug/l	96
70) Styrene	10.69	104	22165	2.130	ug/l	96
71) Bromoform	10.84	173	5882	2.047	ug/l #	99
73) Isopropylbenzene	11.01	105	37326	2.336	ug/l	99
74) N-amyl acetate	10.88	43	16079	2.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	6167	6.415	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	15174	3.044	ug/l	84
77) Bromobenzene	11.24	156	9627	2.335	ug/l	98
78) n-propylbenzene	11.35	91	43123	2.320	ug/l	99
79) 2-Chlorotoluene	11.41	91	25700	2.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	29355	2.176	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	4263	2.038	ug/l	89
82) 4-Chlorotoluene	11.49	91	29486	2.276	ug/l	98
83) tert-Butylbenzene	11.76	119	26078	2.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	30141	2.210	ug/l	100
85) sec-Butylbenzene	11.93	105	35023	2.232	ug/l	99
86) p-Isopropyltoluene	12.05	119	31522	2.163	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	16832	2.273	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	17514	2.331	ug/l	85
89) n-Butylbenzene	12.37	91	28485	2.140	ug/l	97
90) Hexachloroethane	12.58	117	5304	2.119	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	16431	2.305	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2945	2.242	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed May 06 04:29:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	11857	2.246	ug/l	93
94) Hexachlorobutadiene	13.77	225	5265	2.816	ug/l	97
95) Naphthalene	13.82	128	35959	2.104	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	11794	2.286	ug/l	95

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

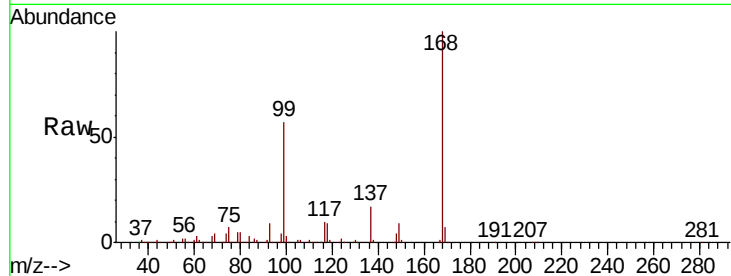


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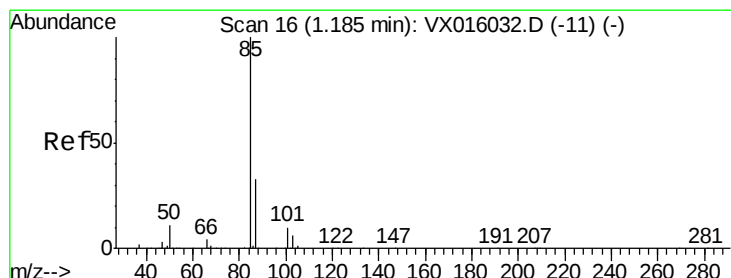
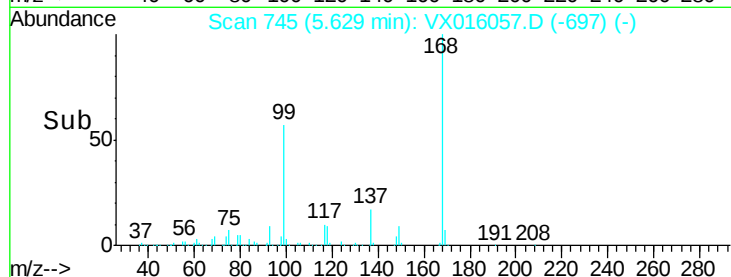
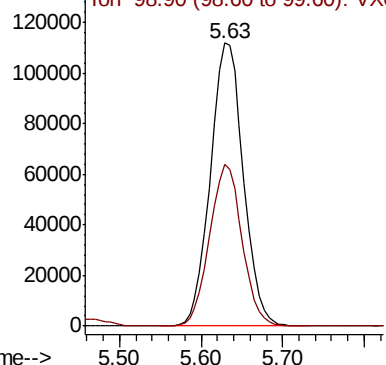
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 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 313323
 Ion Ratio Lower Upper
 168 100
 99 57.4 45.0 67.4



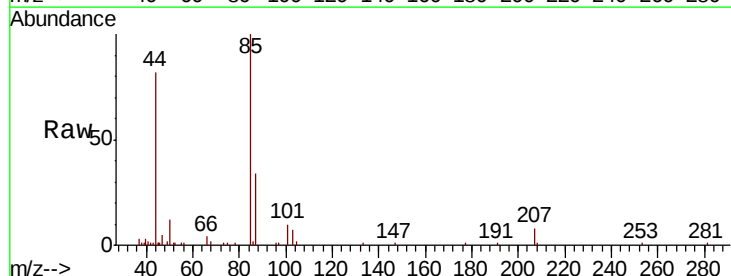
Abundance Ion 167.90 (167.60 to 168.60): V



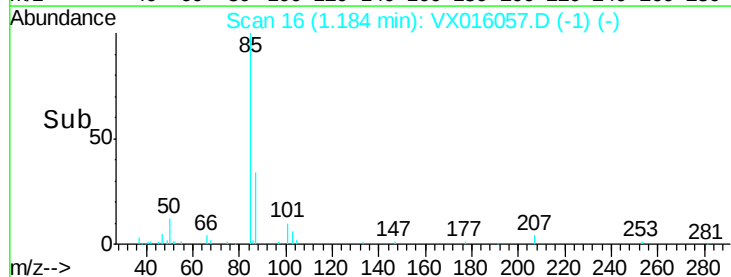
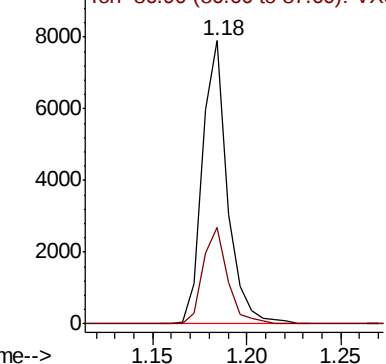
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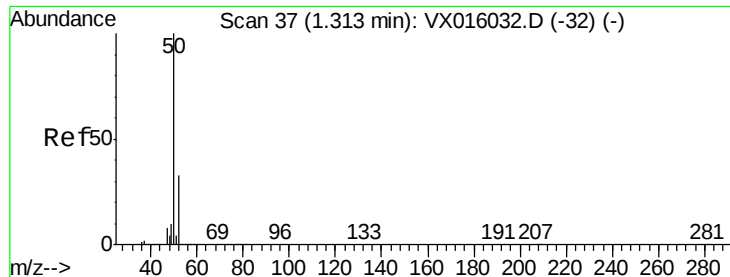
Dichlorodifluoromethane
 Concen: 2.197 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion: 85 Resp: 7287
 Ion Ratio Lower Upper
 85 100
 87 33.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 2.271 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

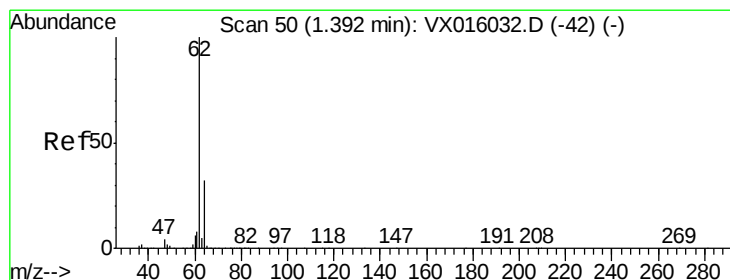
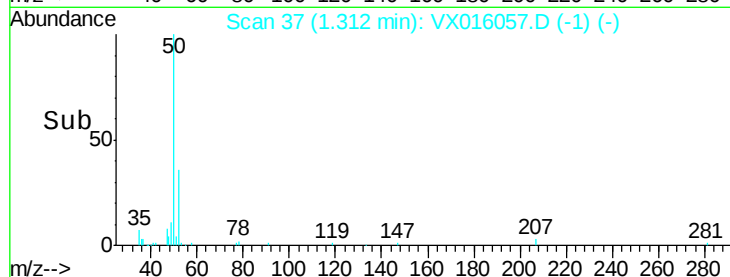
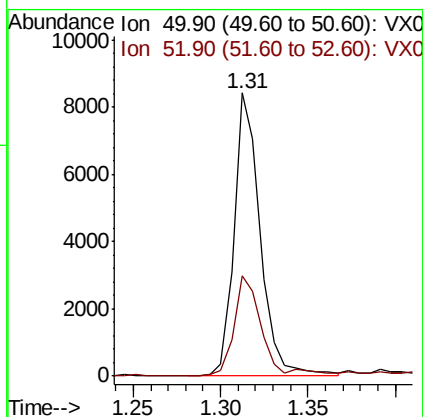
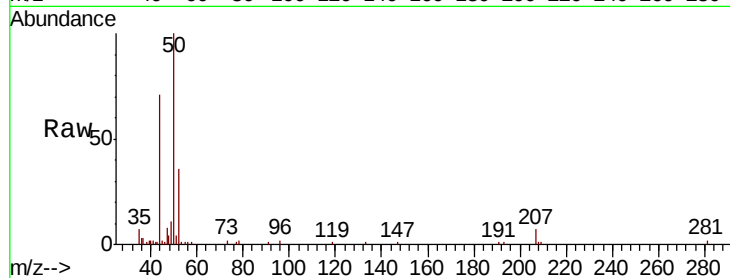
ClientSampleId :

Tot Ion: 50 Resp: 8748

Ion Ratio Lower Upper

50 100

52 35.6 26.1 39.1



#4

Vinyl Chloride

Concen: 2.312 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016057.D

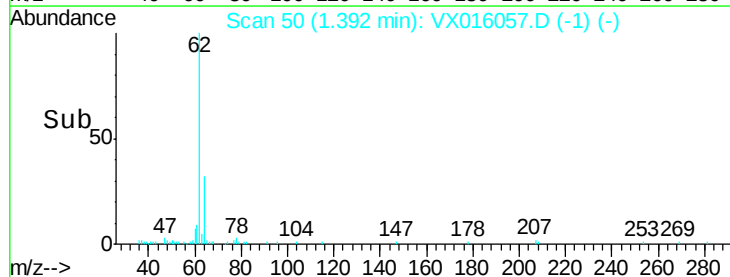
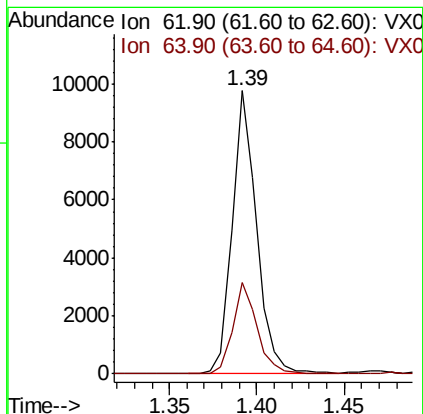
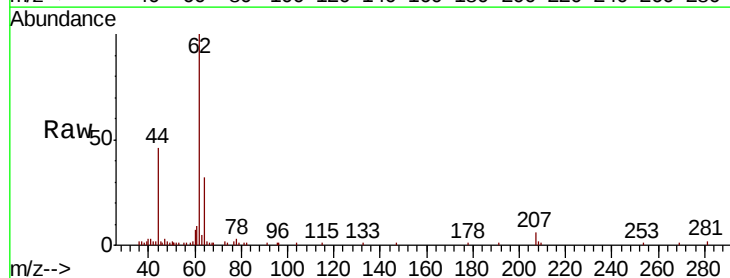
Acq: 05 May 2020 12:41

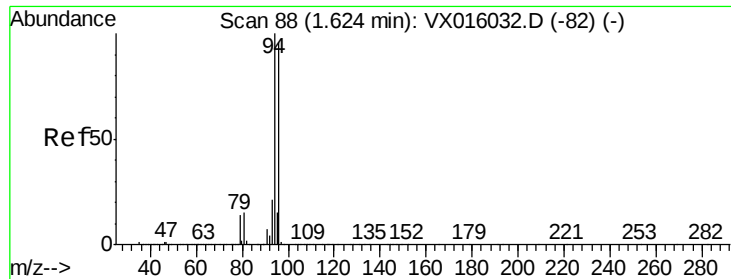
Tgt Ion: 62 Resp: 9499

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 3.328 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

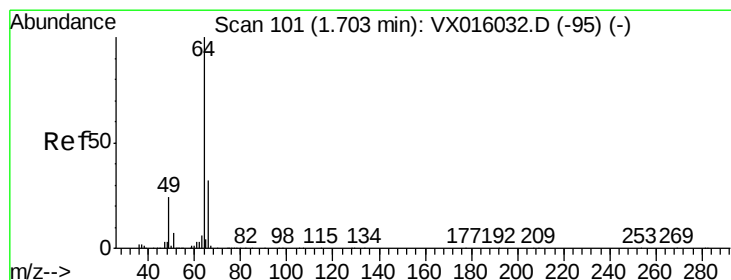
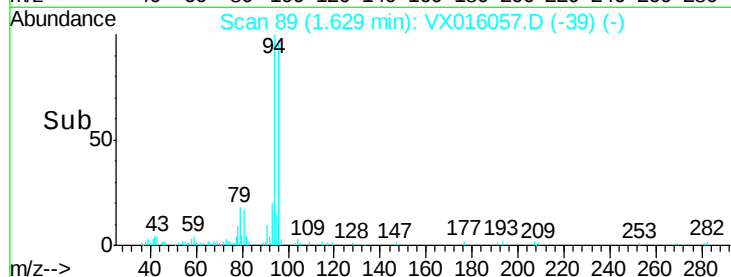
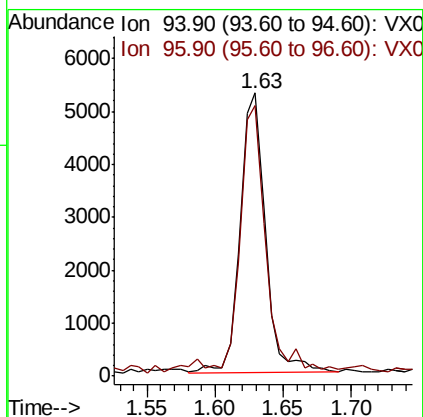
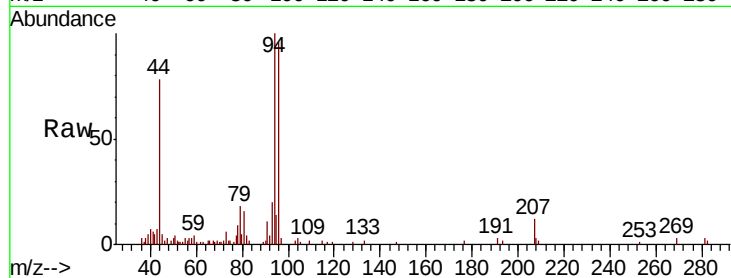
ClientSampleId :

Tot Ion: 94 Resp: 6895

Ion Ratio Lower Upper

94 100

96 94.6 76.9 115.3



#6

Chloroethane

Concen: 2.559 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016057.D

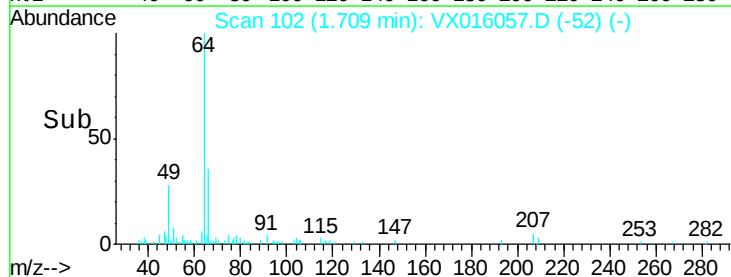
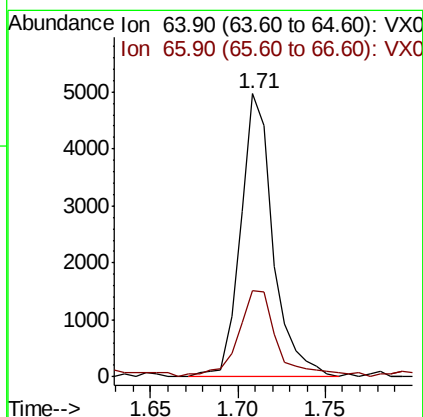
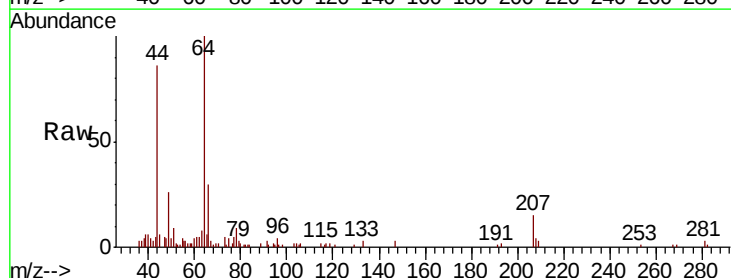
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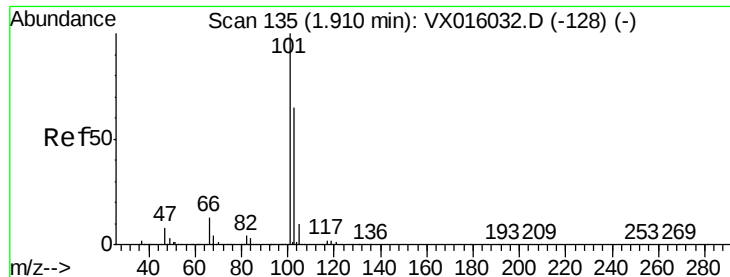
Tgt Ion: 64 Resp: 6397

Ion Ratio Lower Upper

64 100

66 29.1 25.2 37.8



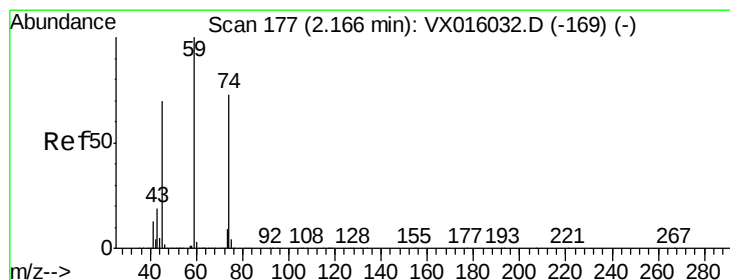
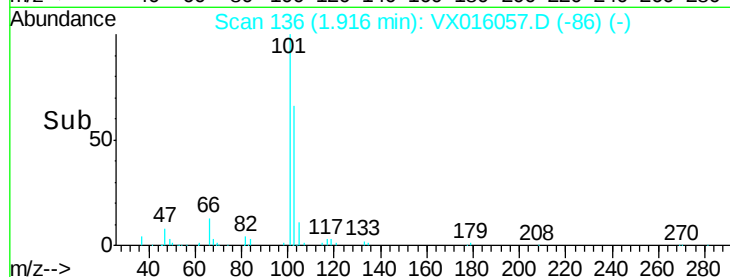
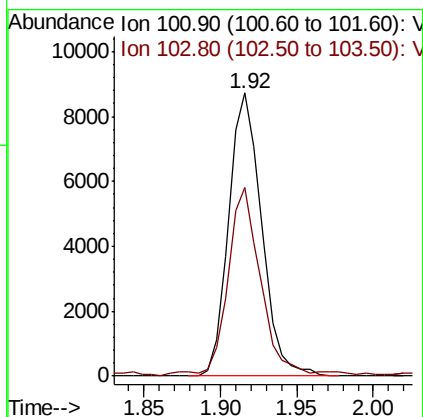
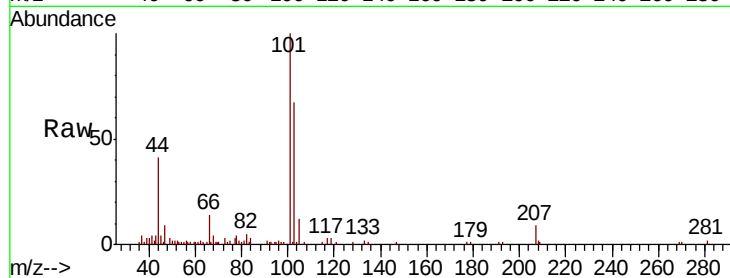


#7

Trichlorofluoromethane
 Concen: 2.406 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016057.D
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 MSVOA_X
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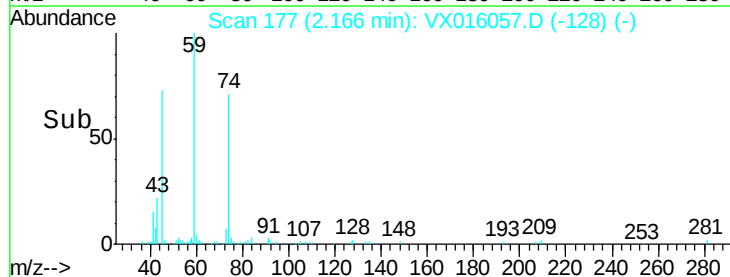
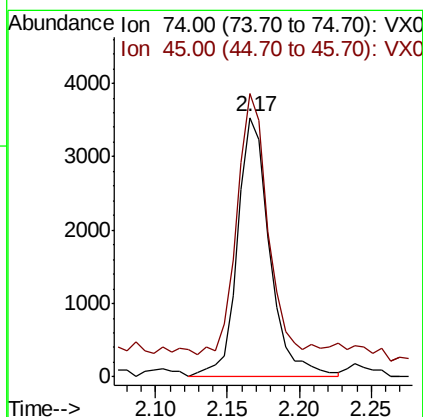
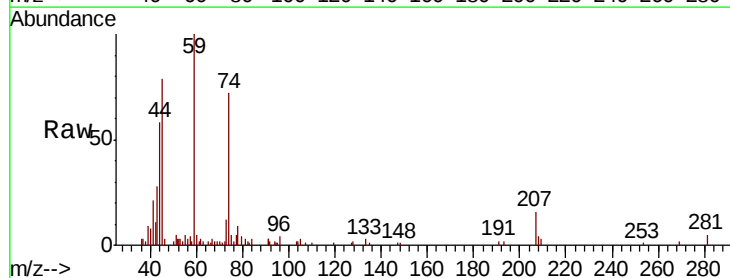
Tot Ion:101 Resp: 12977
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6

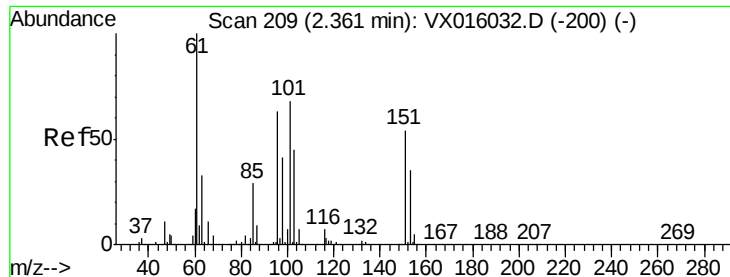


#8

Diethyl Ether
 Concen: 2.428 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion: 74 Resp: 5520
 Ion Ratio Lower Upper
 74 100
 45 94.4 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.441 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampled :

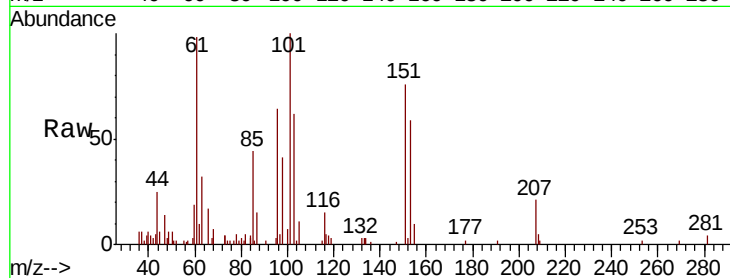
Tot Ion:101 Resp: 7598

Ion Ratio Lower Upper

101 100

85 45.4 34.2 51.4

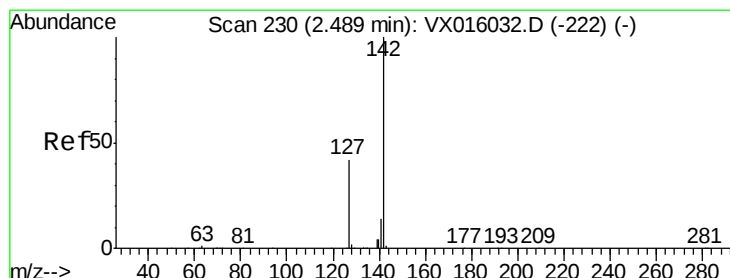
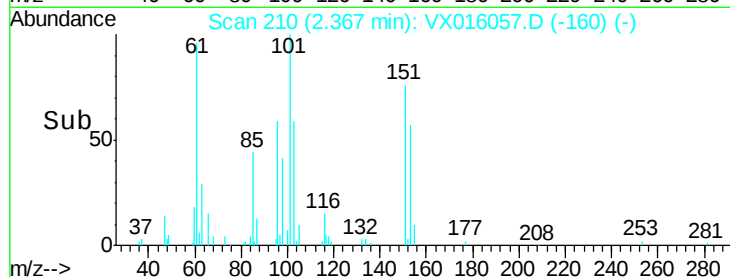
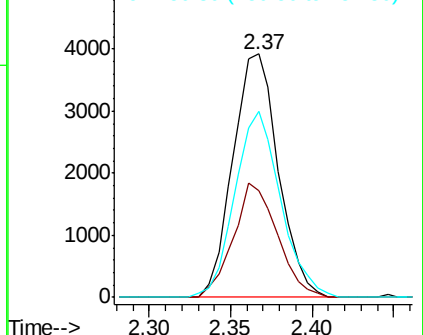
151 76.9 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.877 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016057.D

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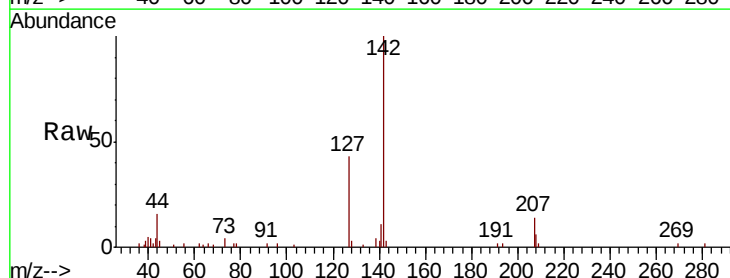
Tgt Ion:142 Resp: 7847

Ion Ratio Lower Upper

142 100

127 42.4 34.6 52.0

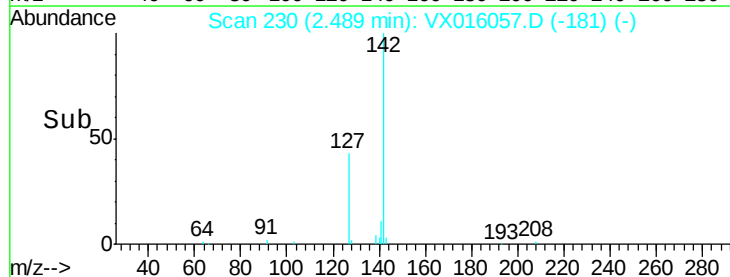
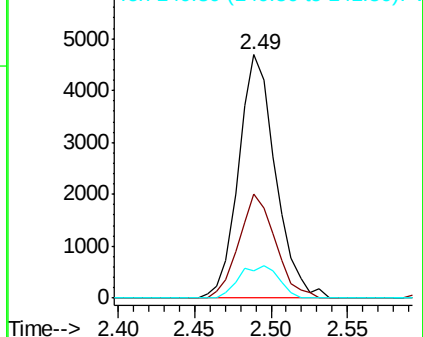
141 14.5 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



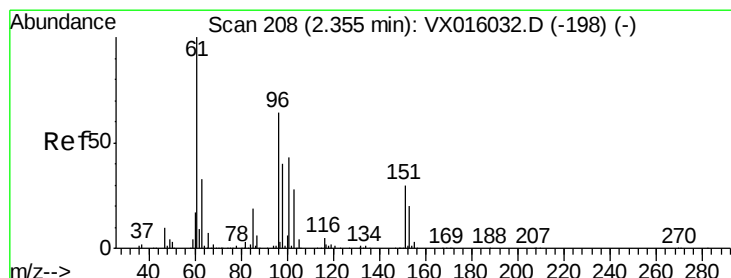
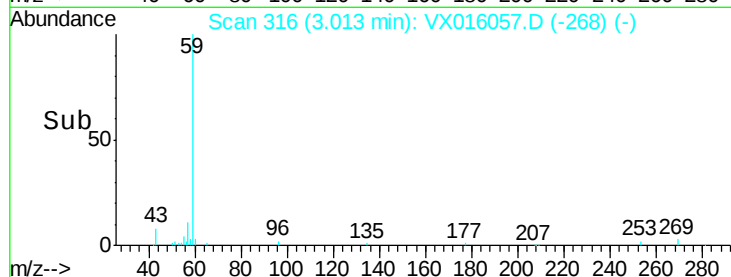
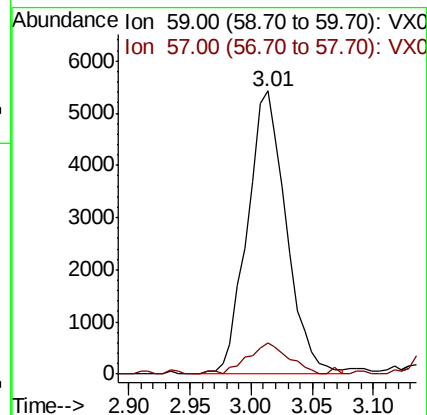
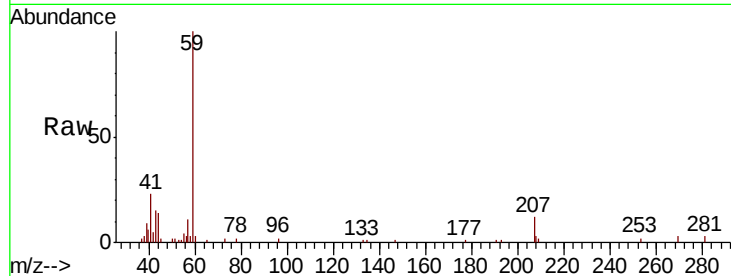


#11

Tert butyl alcohol
Concen: 11.517 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :

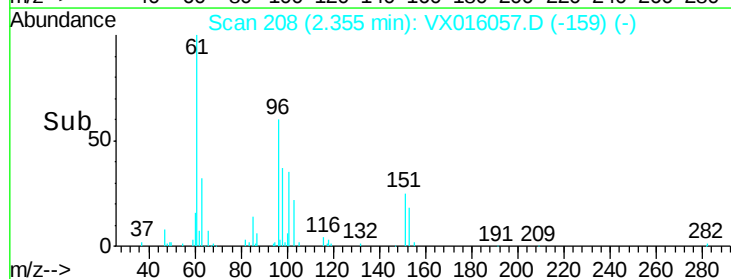
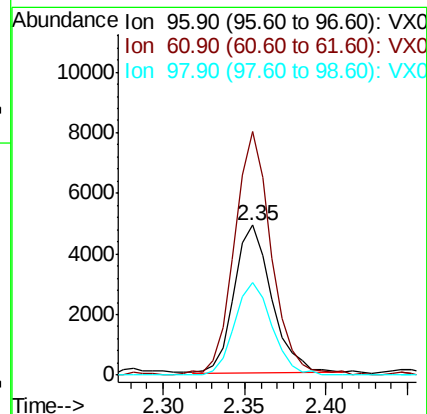
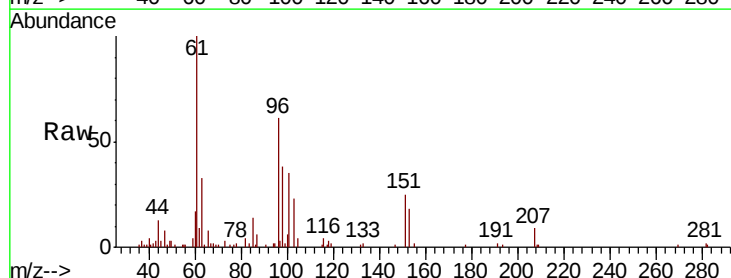
Tot Ion: 59 Resp: 12008
Ion Ratio Lower Upper
59 100
57 11.8 8.2 12.4

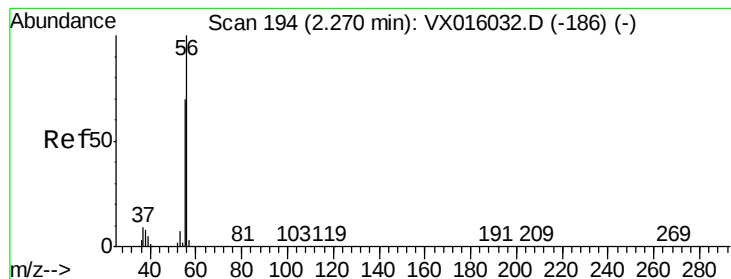


#12

1,1-Dichloroethene
Concen: 2.416 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 96 Resp: 7869
Ion Ratio Lower Upper
96 100
61 162.5 124.8 187.2
98 63.2 49.7 74.5





#13

Acrolein

Concen: 10.714 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

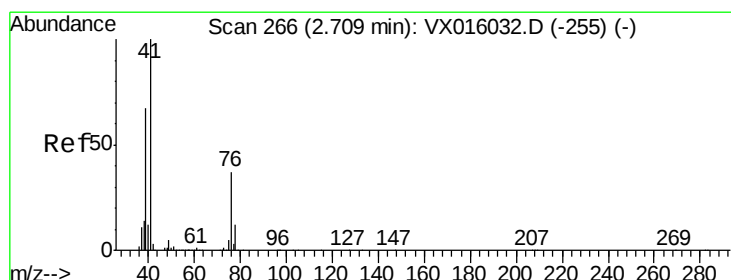
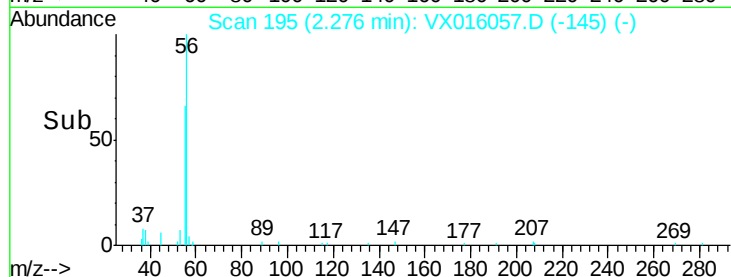
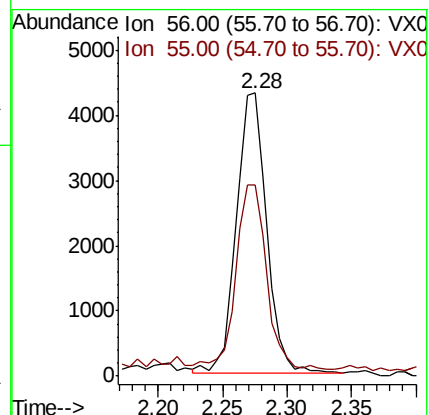
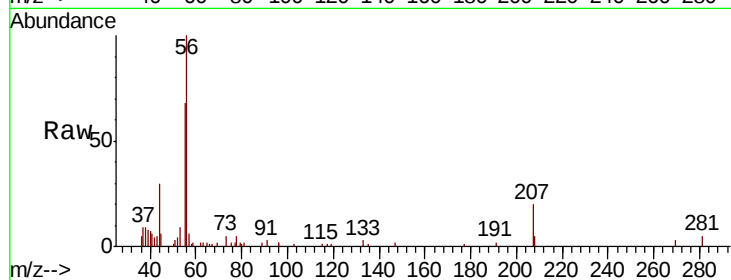
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 6990

Ion Ratio Lower Upper

56 100

55 65.6 56.5 84.7



#14

Allyl chloride

Concen: 2.362 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

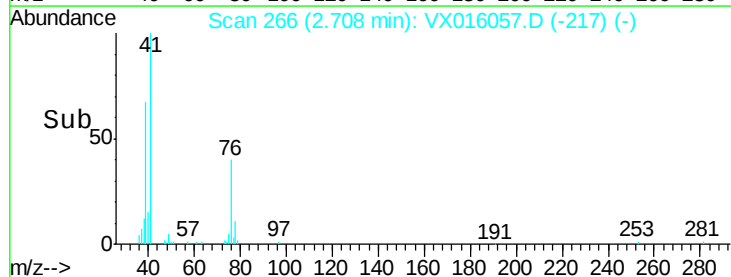
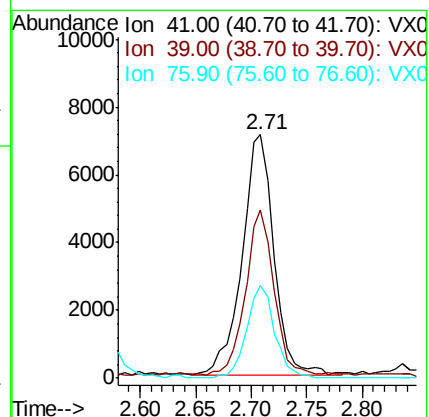
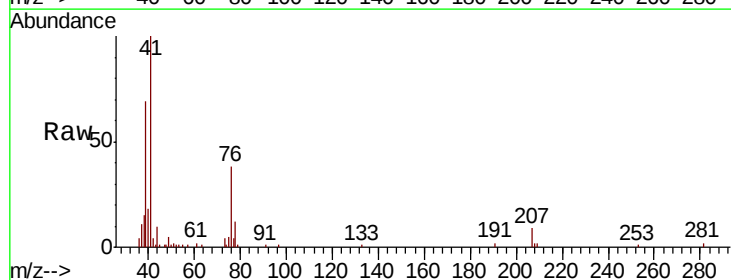
Tgt Ion: 41 Resp: 14104

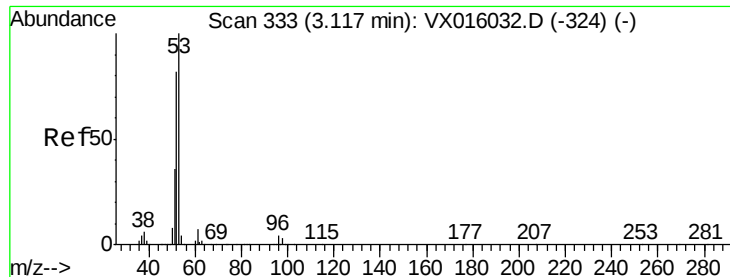
Ion Ratio Lower Upper

41 100

39 61.1 50.5 75.7

76 33.8 26.6 40.0





#15

Acrylonitrile

Concen: 11.340 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

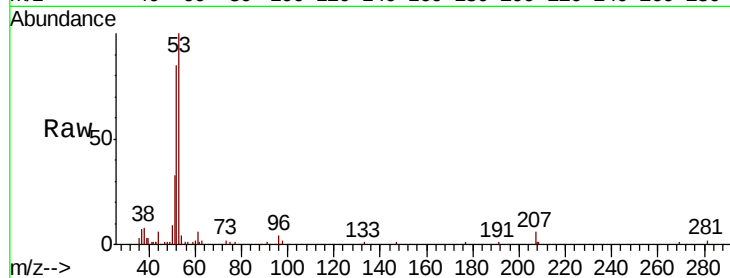
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 24527

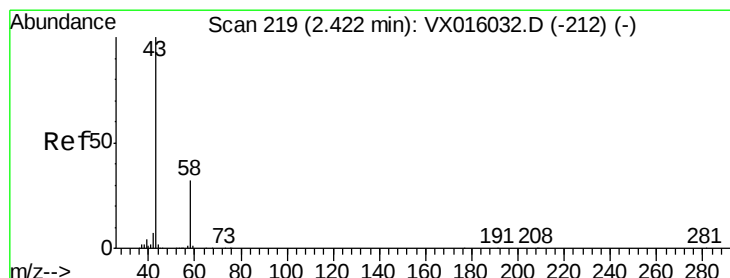
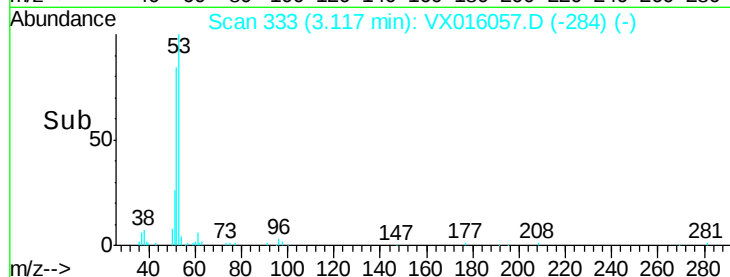
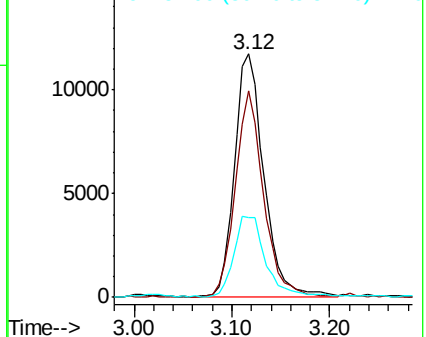
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.1	99.1
51	36.3	28.8	43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 11.873 ug/l

RT: 2.42 min Scan# 219

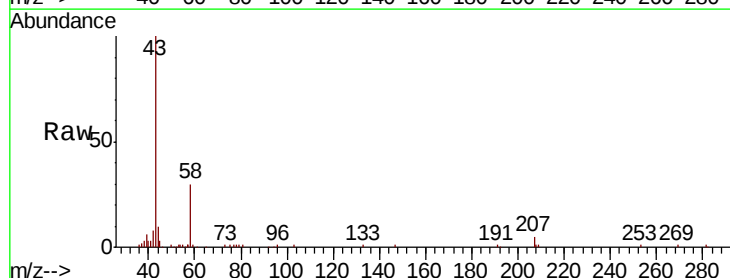
Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

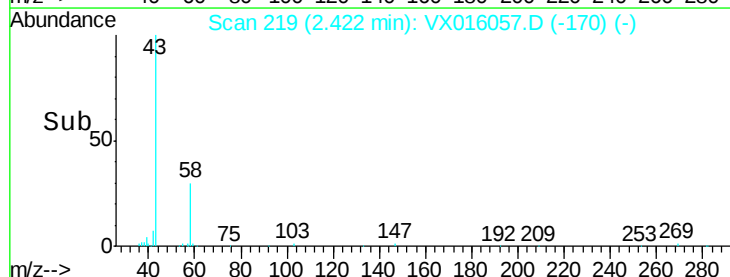
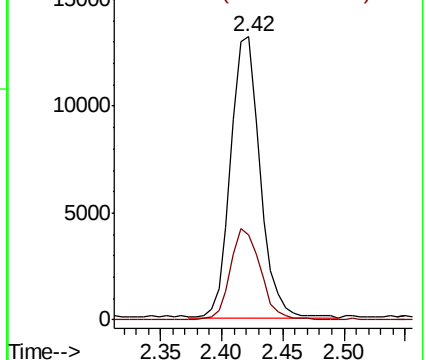
Tgt Ion: 43 Resp: 21843

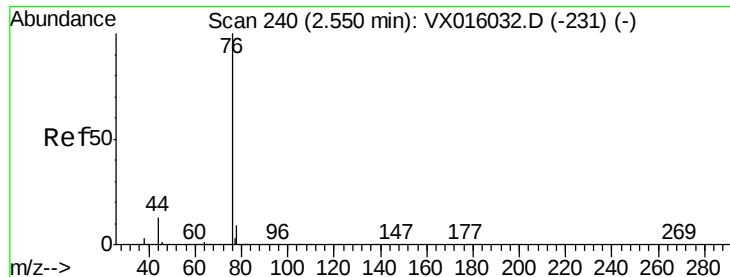
Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.4	38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2.344 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

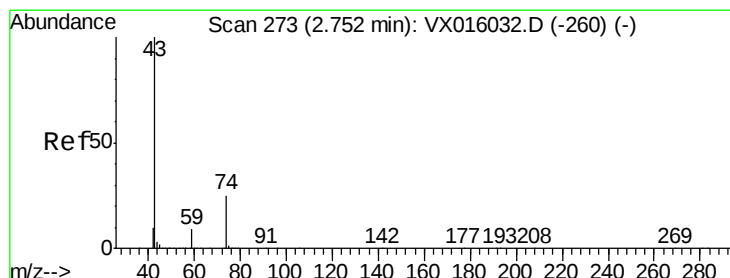
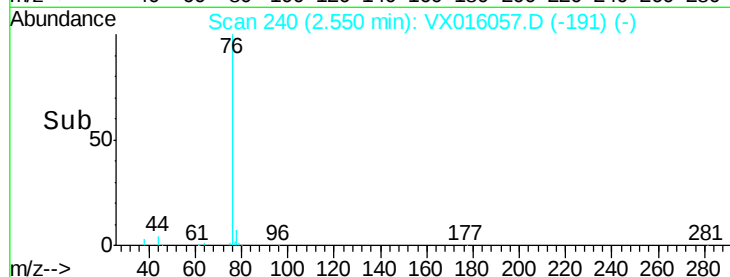
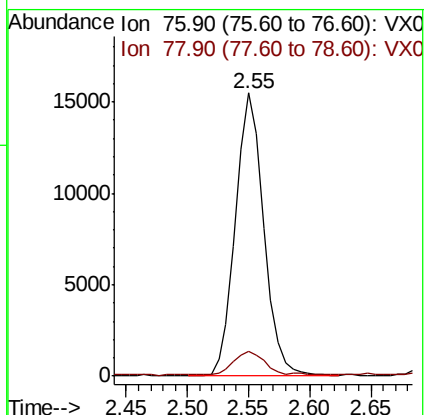
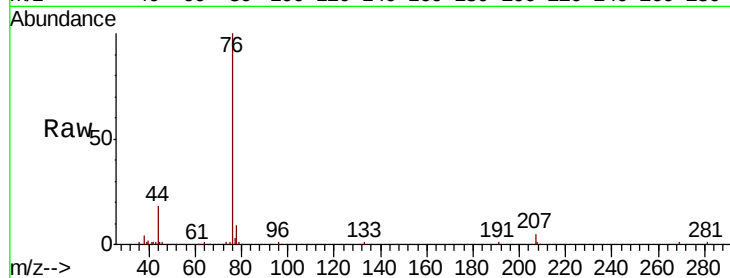
ClientSampleId :

Tot Ion: 76 Resp: 24854

Ion Ratio Lower Upper

76 100

78 8.0 7.5 11.3



#18

Methyl Acetate

Concen: 2.325 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016057.D

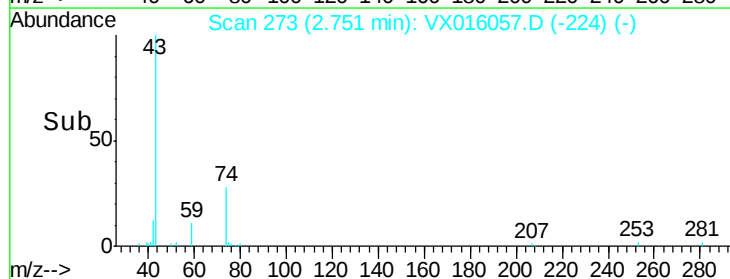
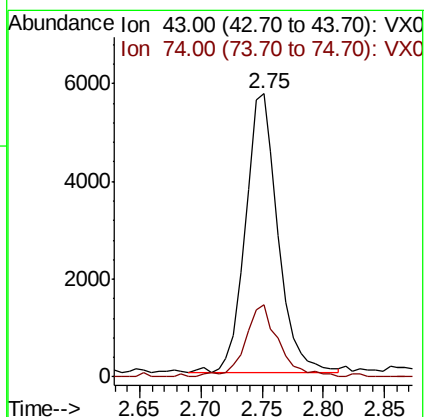
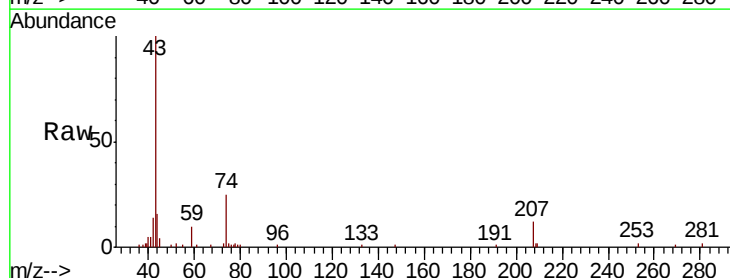
Acq: 05 May 2020 12:41

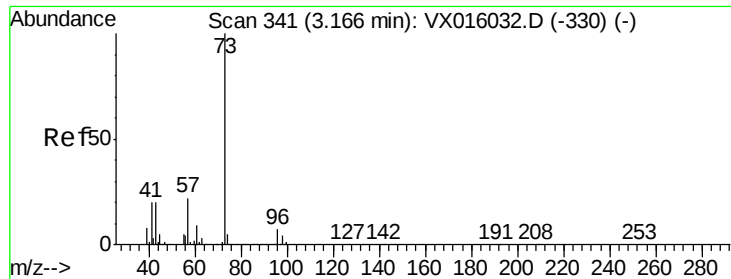
Tgt Ion: 43 Resp: 10515

Ion Ratio Lower Upper

43 100

74 26.9 20.2 30.2



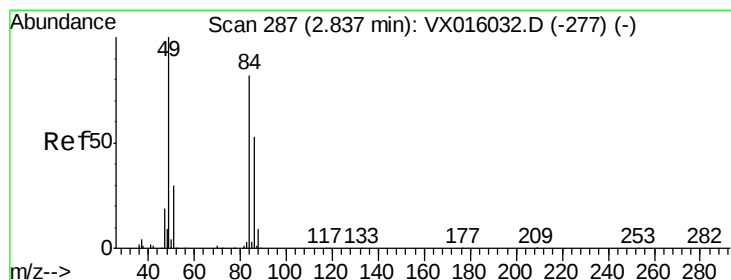
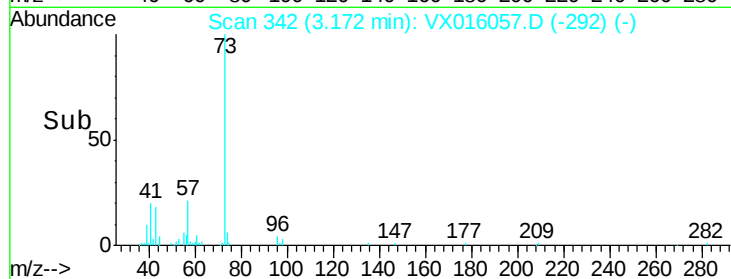
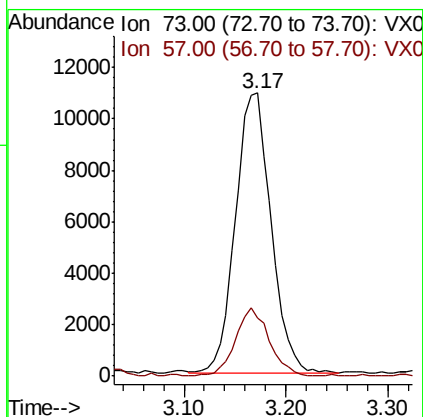
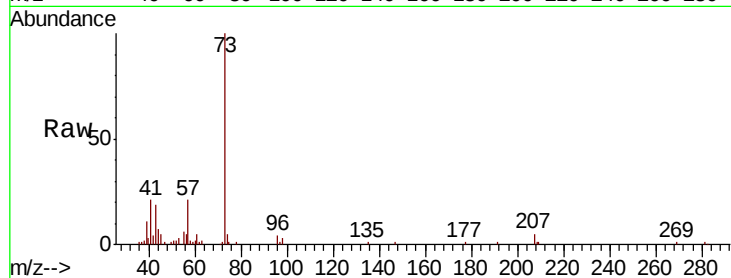


#19

Methyl tert-butyl Ether
 Concen: 2.331 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :

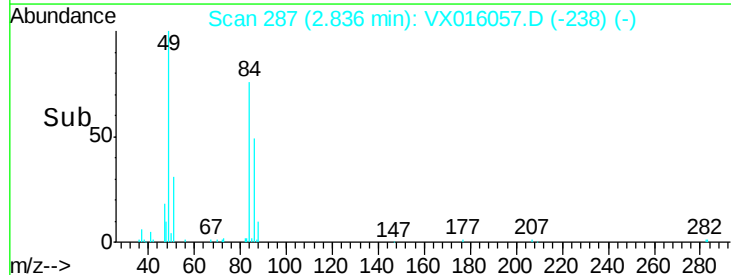
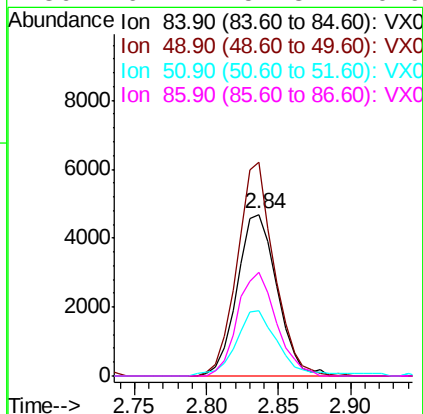
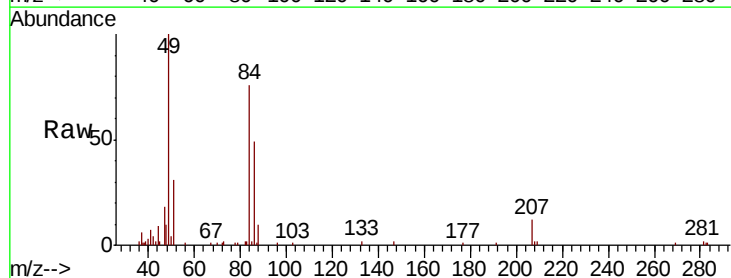
Tot Ion: 73 Resp: 26170
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.8 26.6

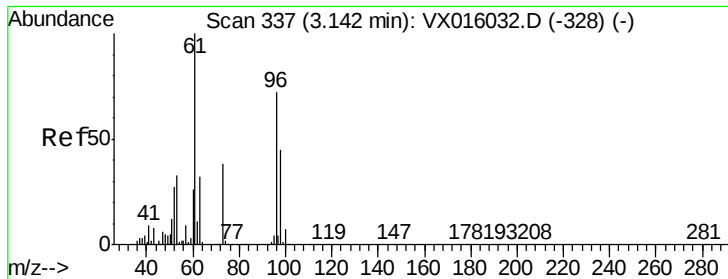


#20

Methylene Chloride
 Concen: 2.371 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion: 84 Resp: 8991
 Ion Ratio Lower Upper
 84 100
 49 132.2 97.3 145.9
 51 40.6 29.3 43.9
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 2.520 ug/l

RT: 3.14 min Scan# 337

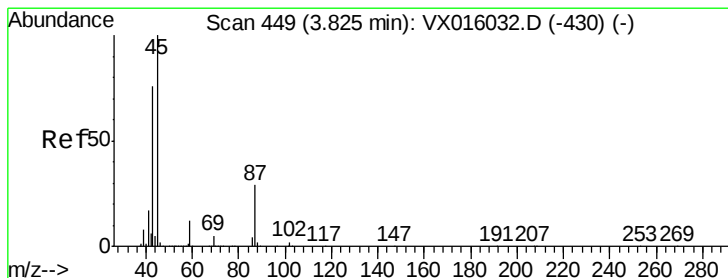
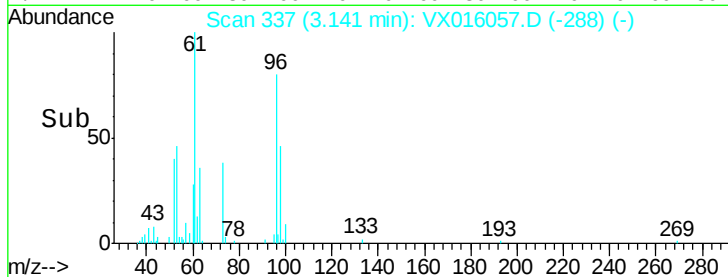
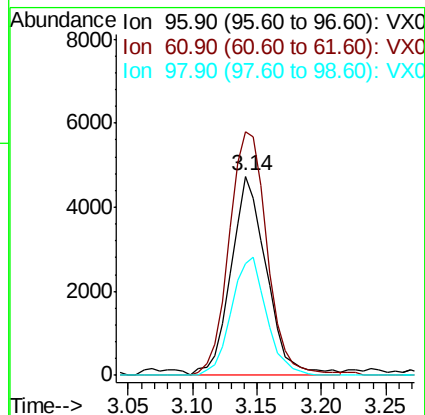
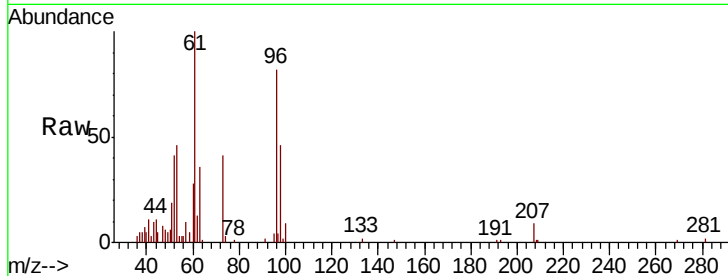
Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	9145
Ion	Ratio	Lower	Upper
96	100		
61	122.1	111.2	166.8
98	55.8	50.2	75.4



#22

Diisopropyl ether

Concen: 2.363 ug/l

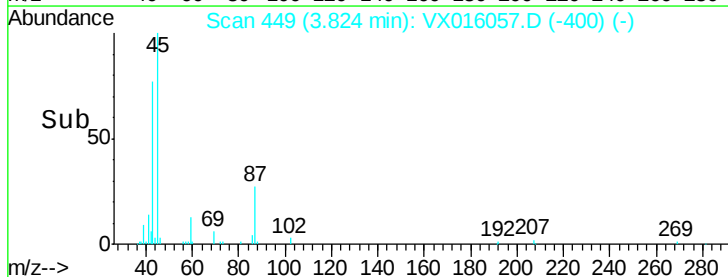
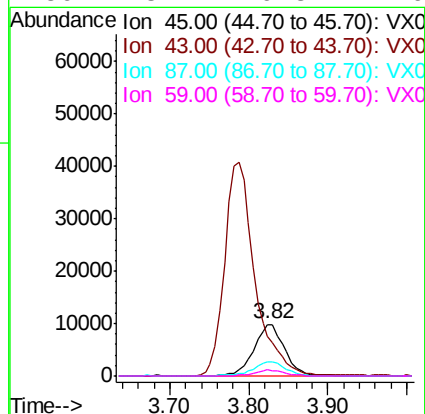
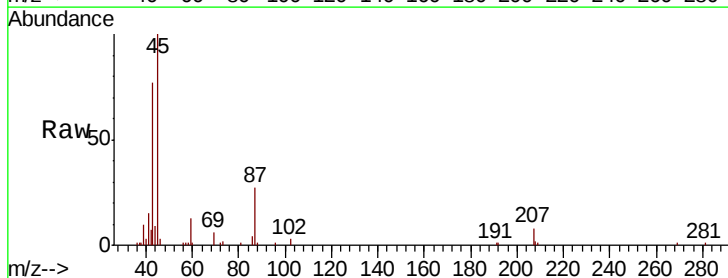
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	45	Resp:	26625
Ion	Ratio	Lower	Upper
45	100		
43	76.7	61.1	91.7
87	27.0	23.0	34.6
59	13.1	9.8	14.6





#23

Vinyl Acetate

Concen: 11.057 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

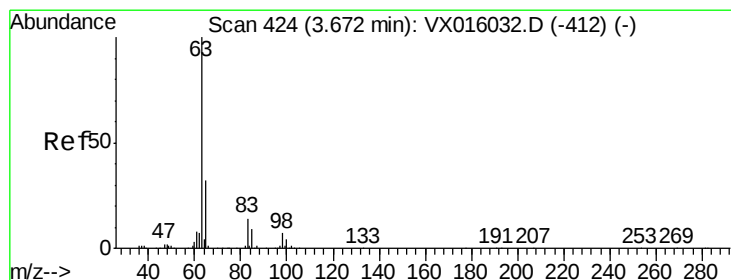
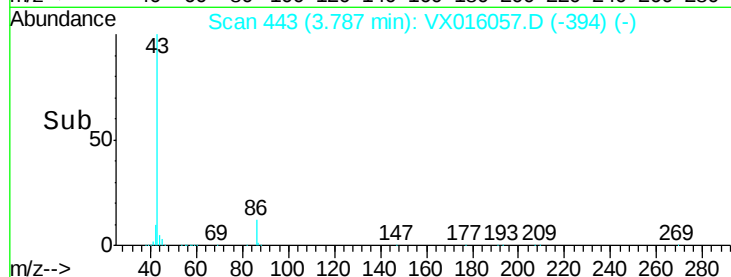
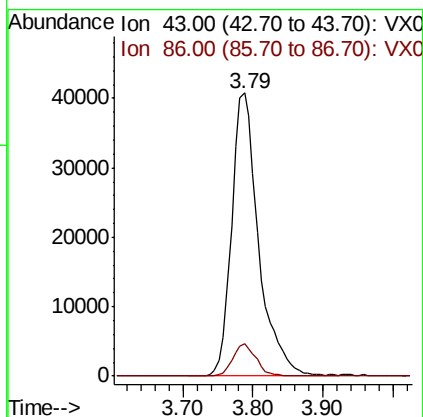
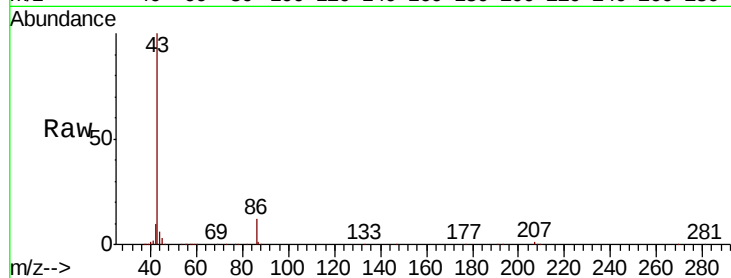
ClientSampleId :

Tot Ion: 43 Resp: 109593

Ion Ratio Lower Upper

43 100

86 11.6 9.0 13.4



#24

1,1-Dichloroethane

Concen: 2.394 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

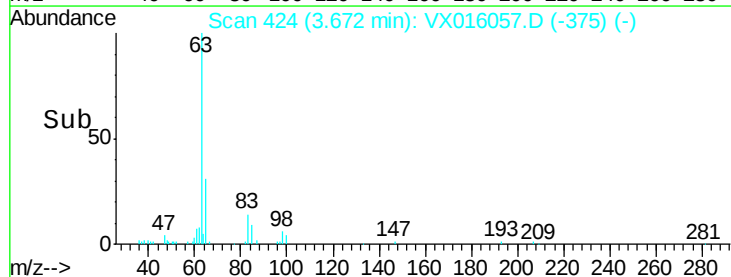
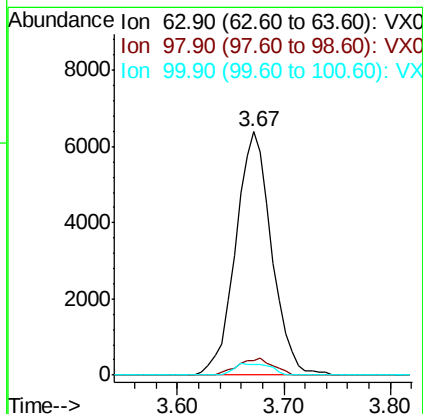
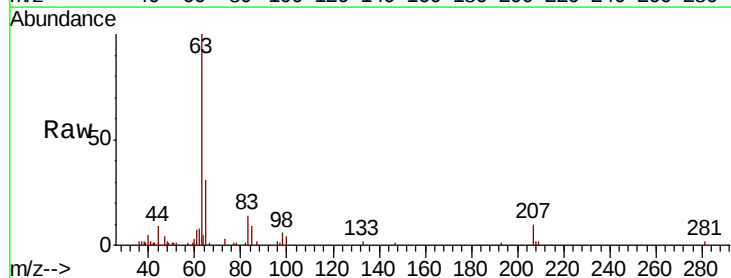
Tgt Ion: 63 Resp: 15090

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 11.344 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

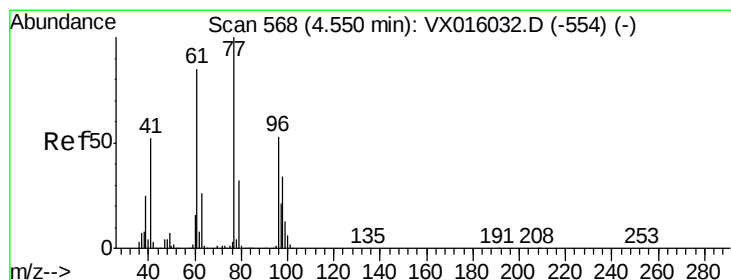
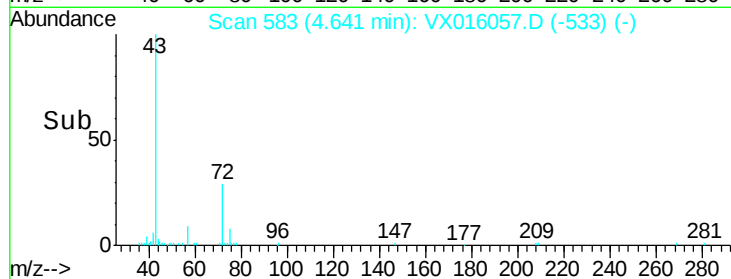
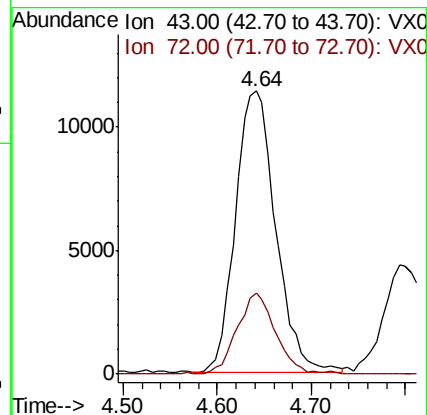
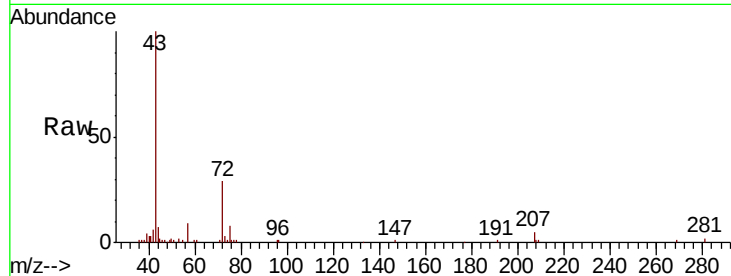
ClientSampleId :

Tot Ion: 43 Resp: 33627

Ion Ratio Lower Upper

43 100

72 29.1 21.8 32.8



#26

2,2-Dichloropropane

Concen: 2.308 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016057.D

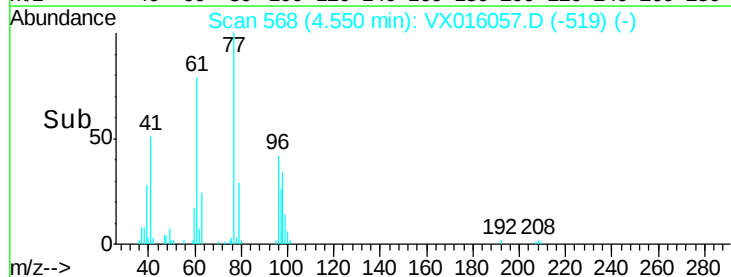
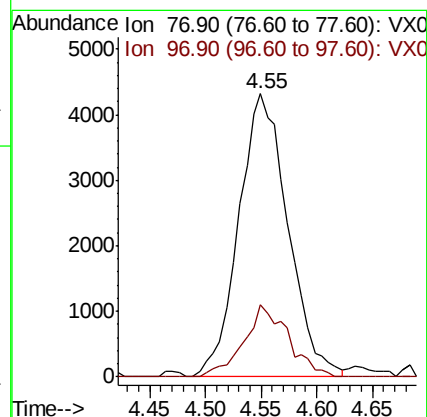
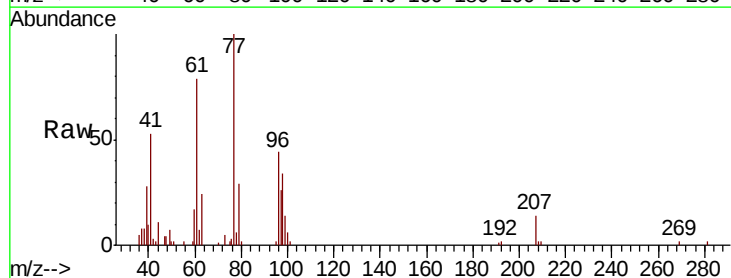
Acq: 05 May 2020 12:41

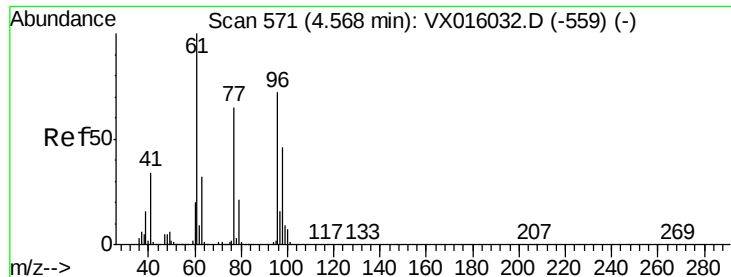
Tgt Ion: 77 Resp: 13286

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6



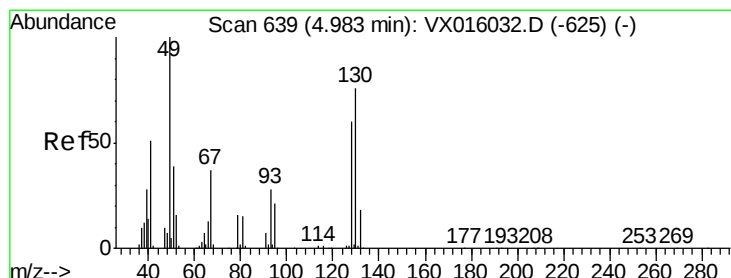
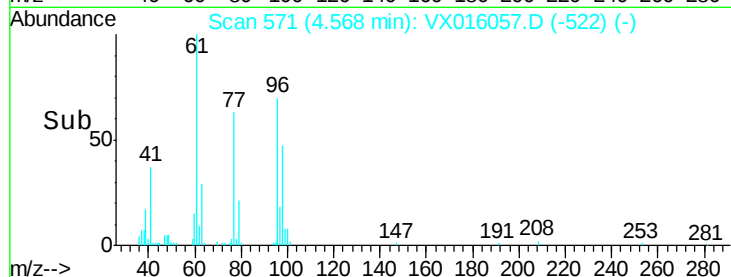
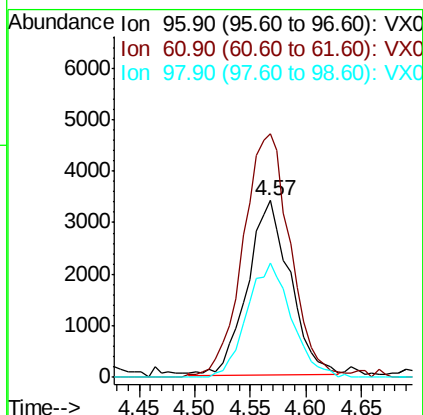
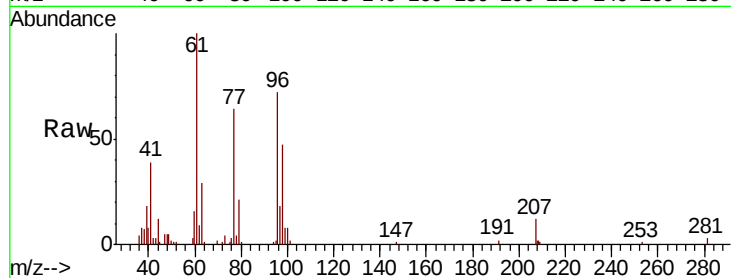


#27

cis-1,2-Dichloroethene
Concen: 2.289 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :

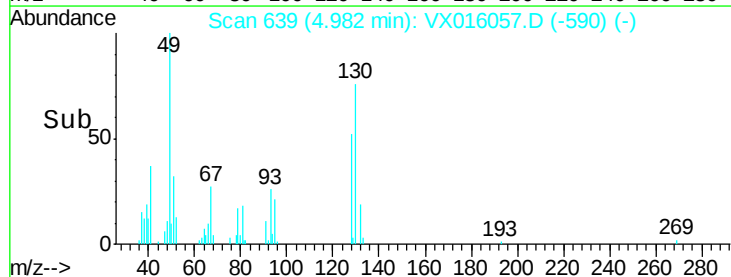
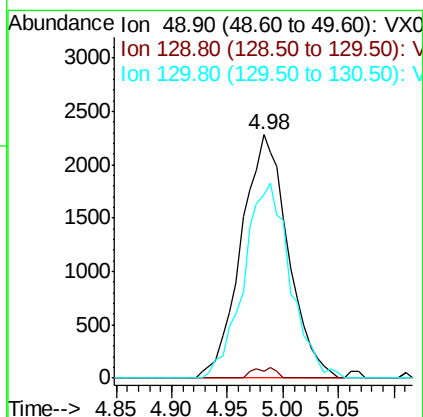
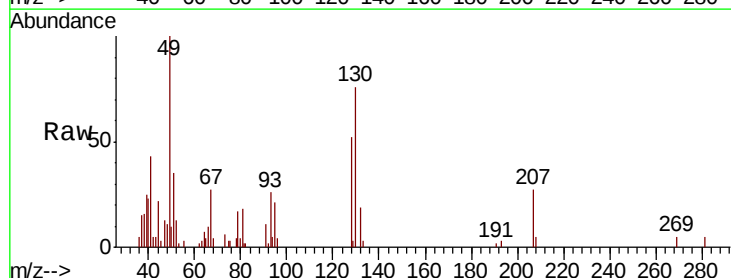
Tot Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	296.2
98	68.0	0.0	129.4

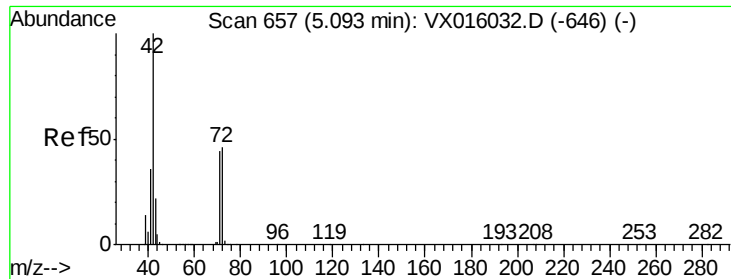


#28

Bromochloromethane
Concen: 2.328 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	79.3	62.4	93.6

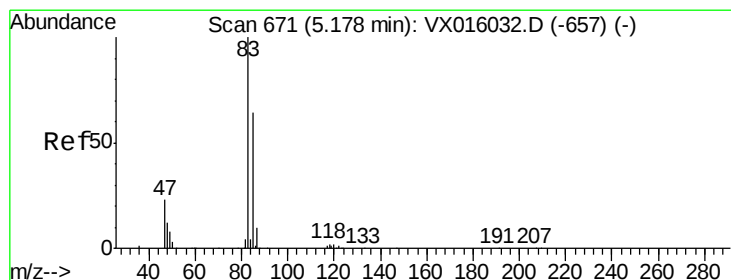
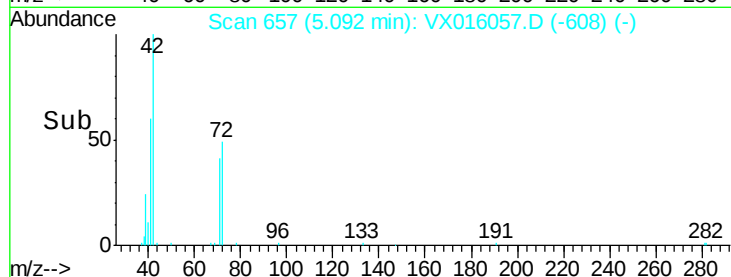
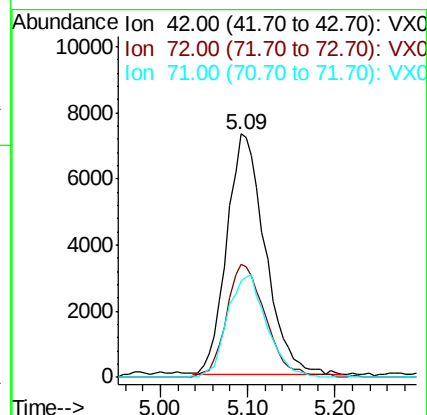
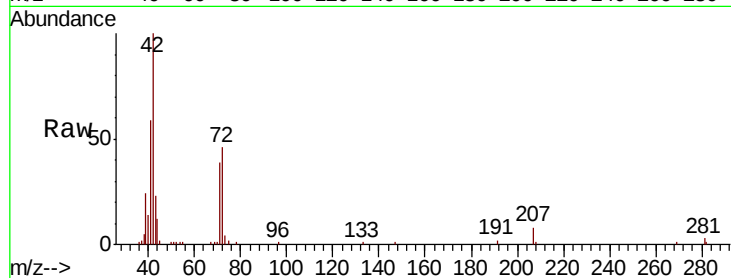




#29
Tetrahydrofuran
Concen: 11.338 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

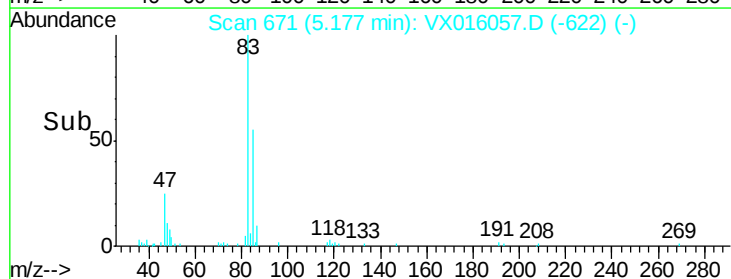
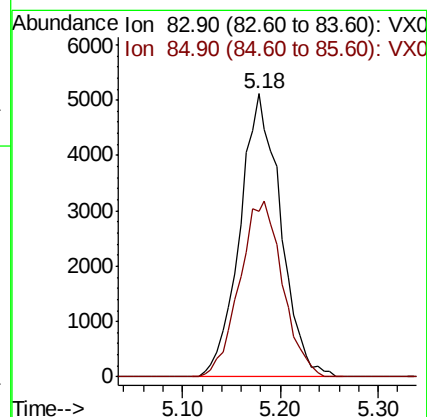
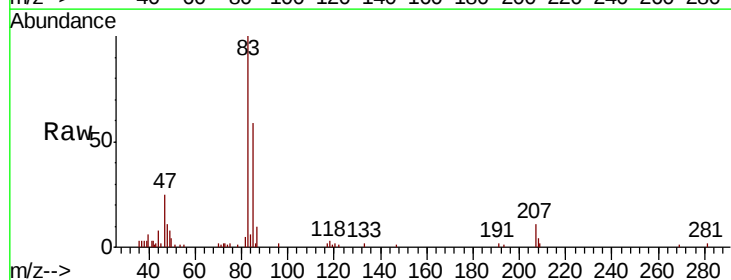
Instrument :
MSVOA_X
ClientSampleId :

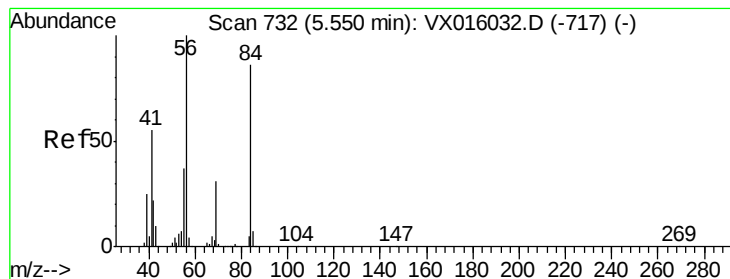
Tot Ion: 42 Resp: 22270
Ion Ratio Lower Upper
42 100
72 47.5 37.1 55.7
71 43.4 34.5 51.7



#30
Chloroform
Concen: 2.363 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 83 Resp: 14831
Ion Ratio Lower Upper
83 100
85 58.5 51.6 77.4





#31

Cyclohexane

Concen: 2.364 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

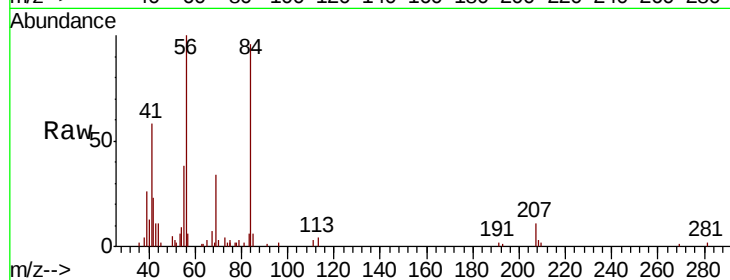
Tot Ion: 56 Resp: 13539

Ion Ratio Lower Upper

56 100

69 34.0 25.0 37.6

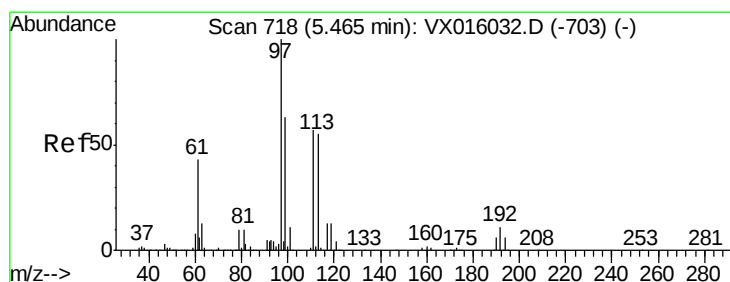
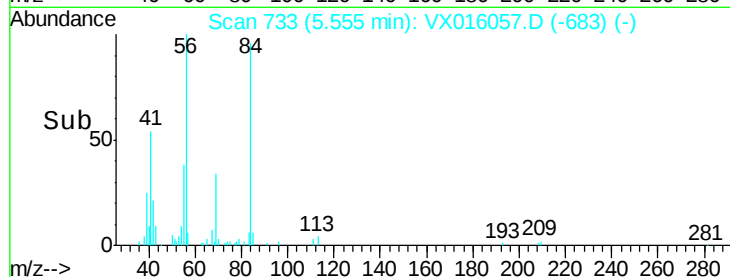
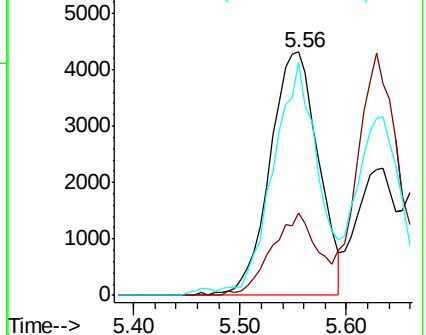
84 94.9 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX016032.D (-717) (-)

Ion 69.00 (68.70 to 69.70): VX016032.D (-717) (-)

Ion 84.00 (83.70 to 84.70): VX016032.D (-717) (-)



#32

1,1,1-Trichloroethane

Concen: 2.353 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

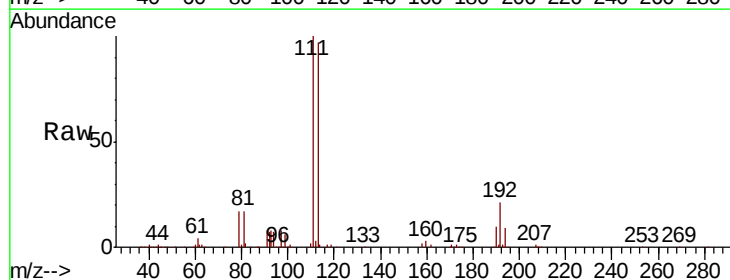
Tgt Ion: 97 Resp: 13421

Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.4

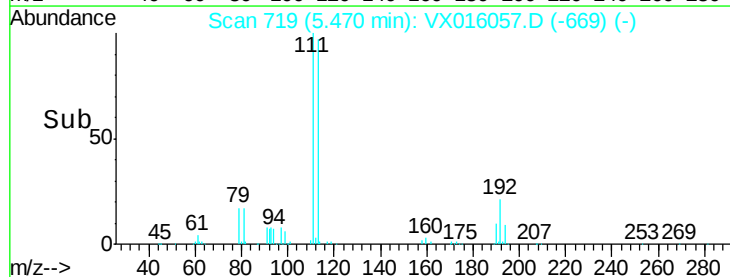
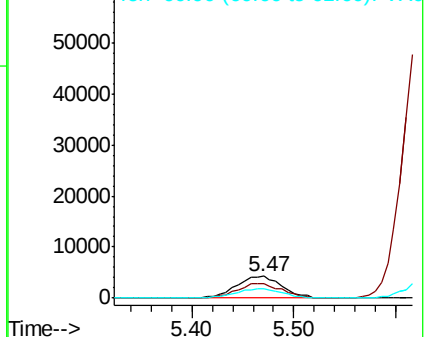
61 44.9 34.5 51.7

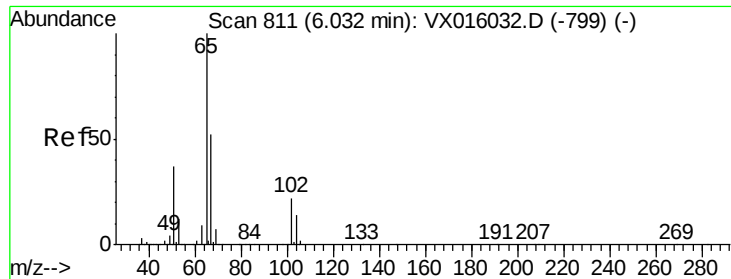


Abundance Ion 96.90 (96.60 to 97.60): VX016032.D (-703) (-)

Ion 98.90 (98.60 to 99.60): VX016032.D (-703) (-)

Ion 60.90 (60.60 to 61.60): VX016032.D (-703) (-)

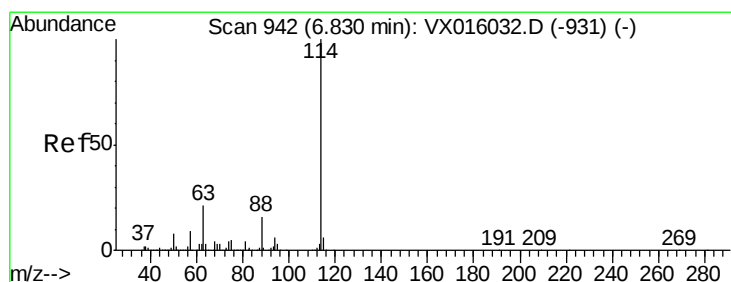
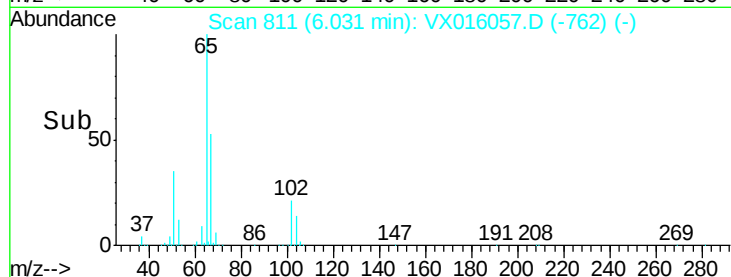
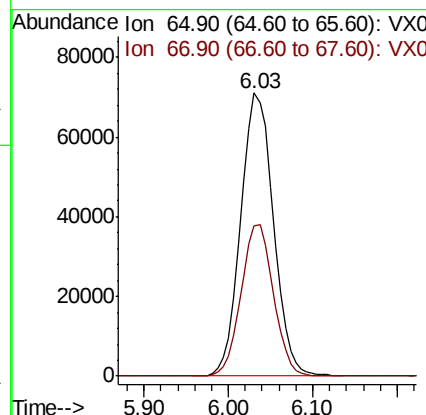
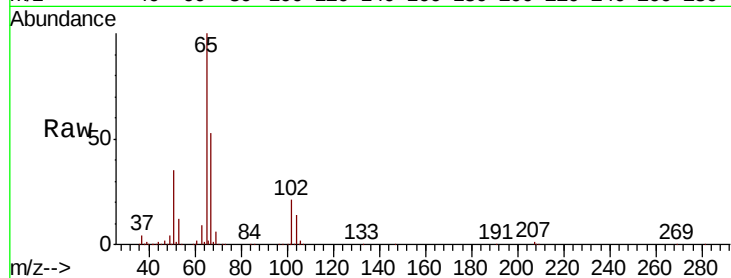




#33
 1,2-Dichloroethane-d4
 Concen: 45.348 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

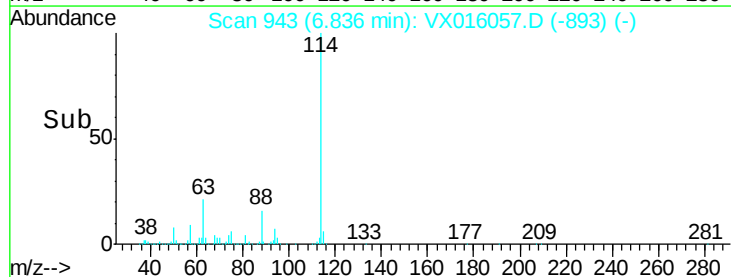
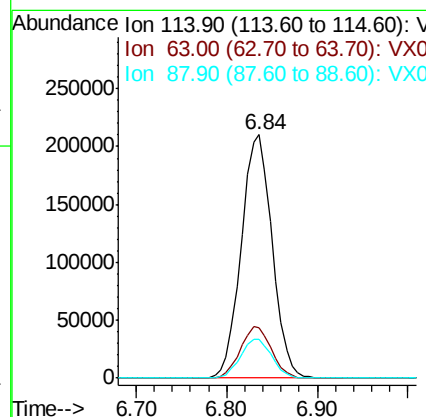
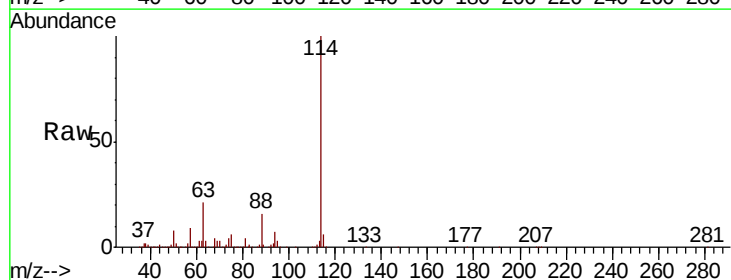
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 186970
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion: 114 Resp: 495860
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 16.2 0.0 31.4

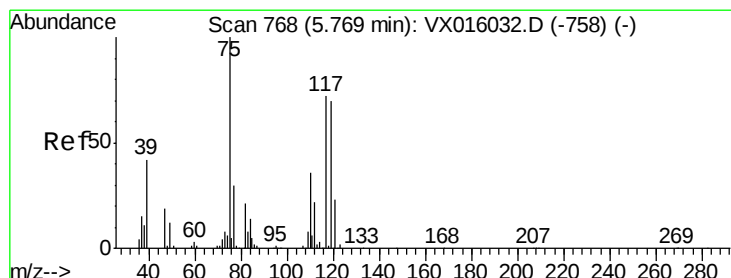
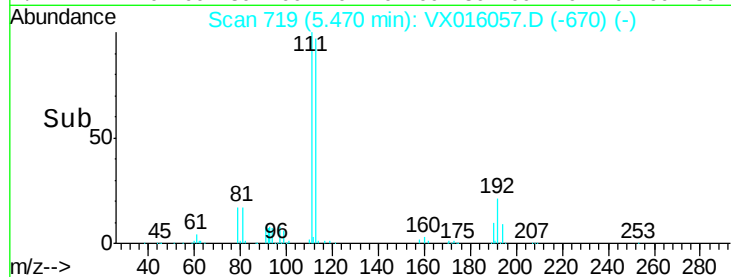
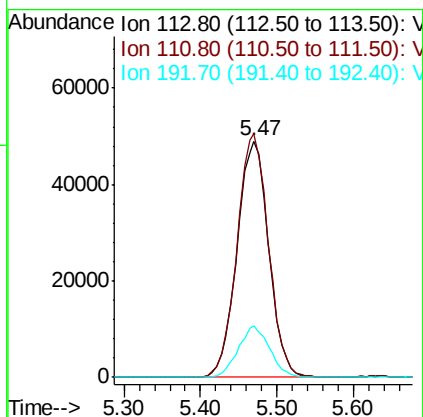
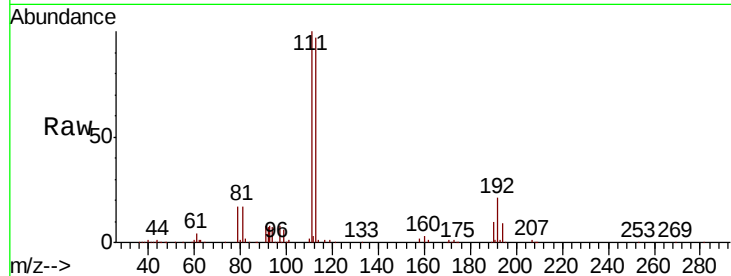




#35
 Dibromofluoromethane
 Concen: 44.828 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

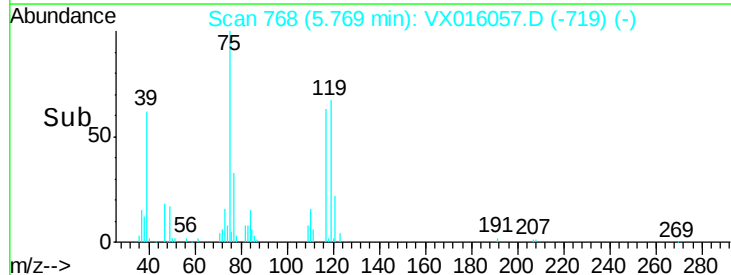
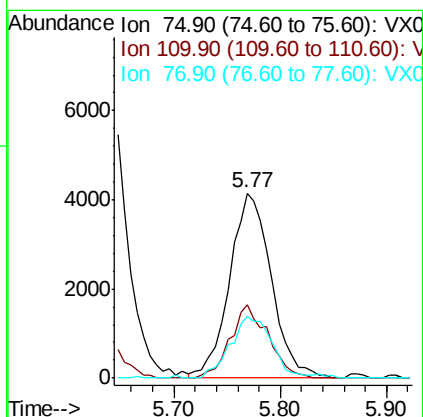
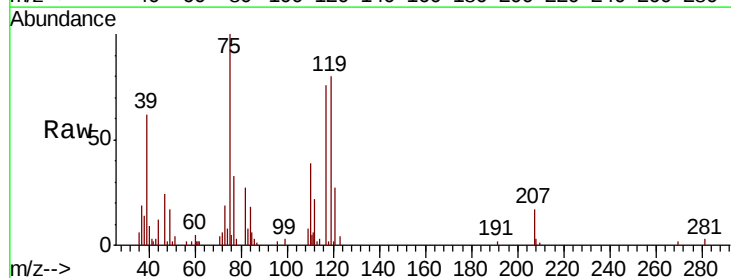
Instrument :
 MSVOA_X
 ClientSampleId :

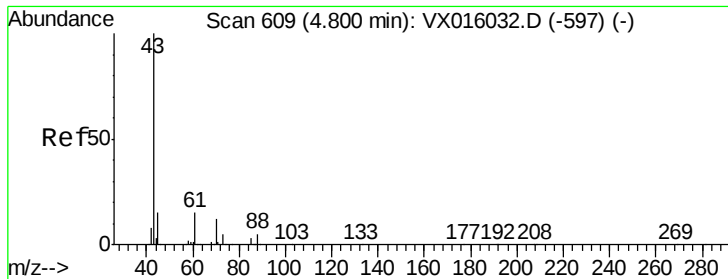
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	21.6	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 2.328 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.1
77	33.2	25.0	37.6

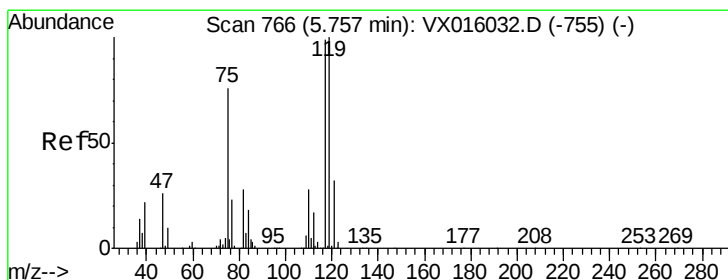
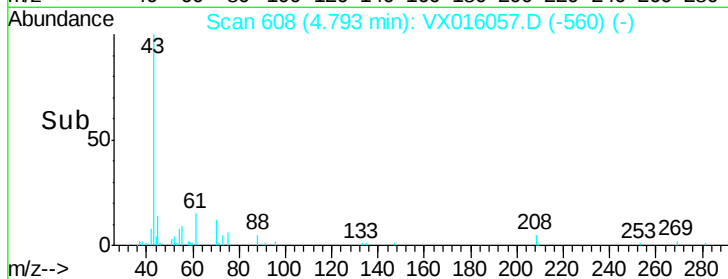
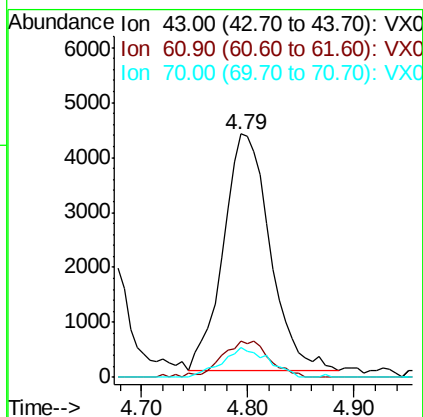
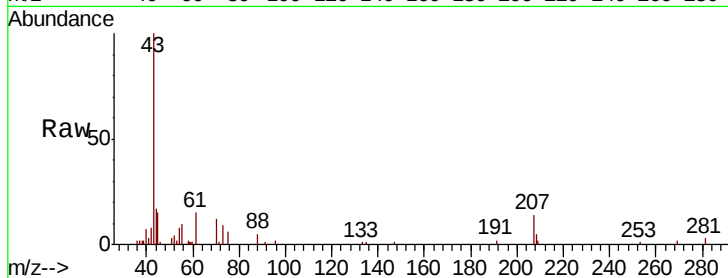




#37
Ethyl Acetate
Concen: 2.346 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

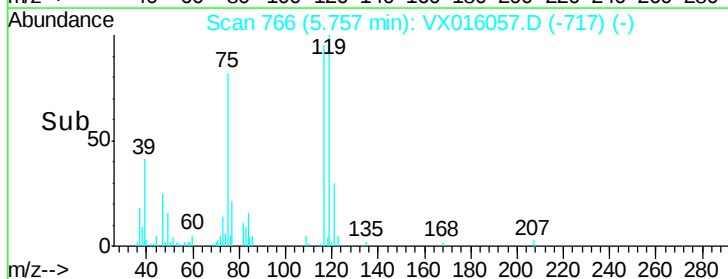
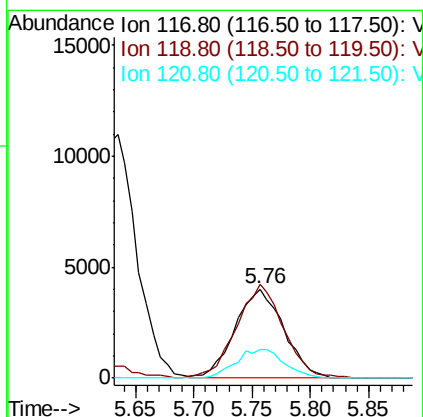
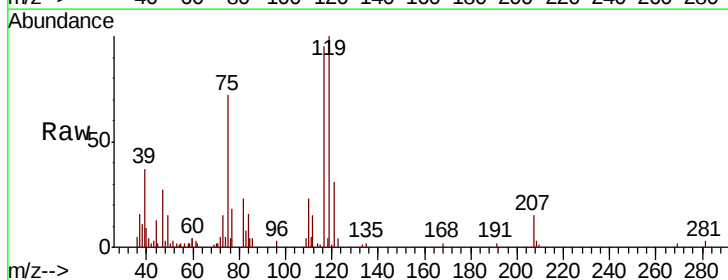
Instrument :
MSVOA_X
ClientSampled :

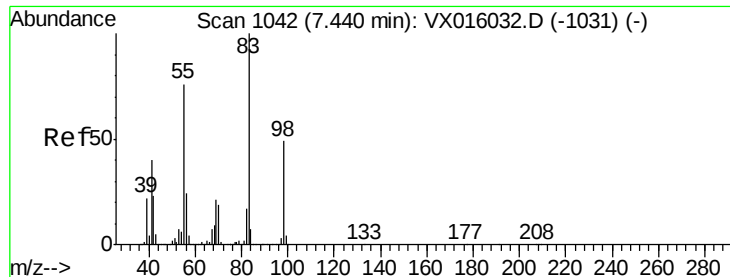
Tot Ion: 43 Resp: 13274
Ion Ratio Lower Upper
43 100
61 15.7 11.7 17.5
70 12.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 2.356 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 117 Resp: 11687
Ion Ratio Lower Upper
117 100
119 103.7 80.3 120.5
121 32.4 25.7 38.5

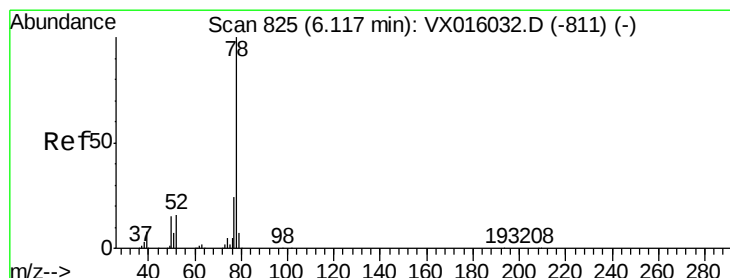
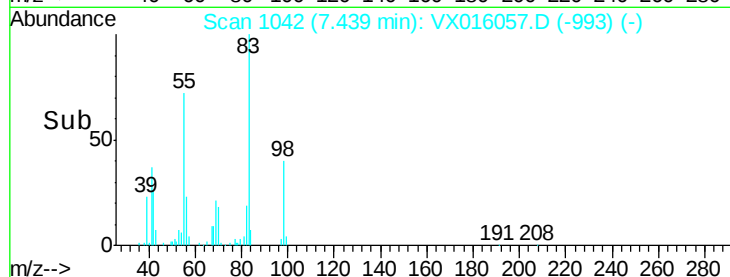
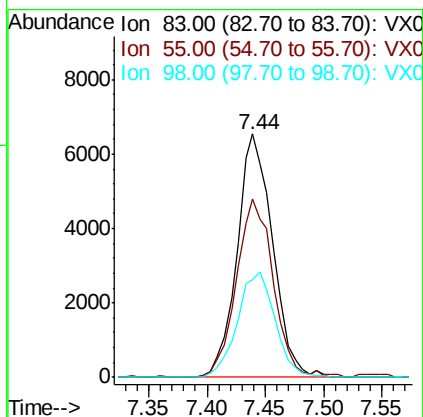
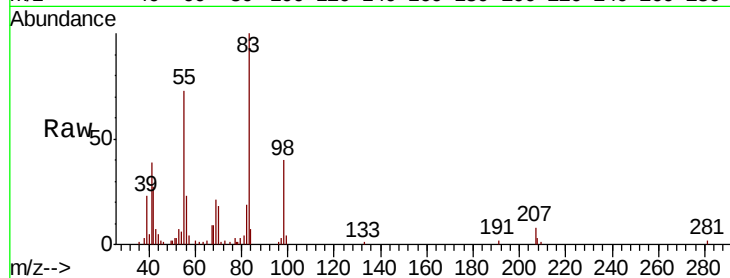




#39
Methvlcvclohexane
Concen: 2.361 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

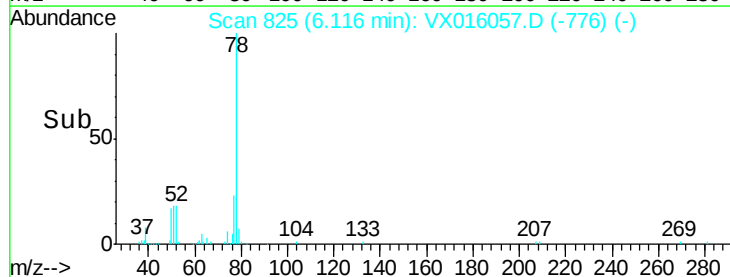
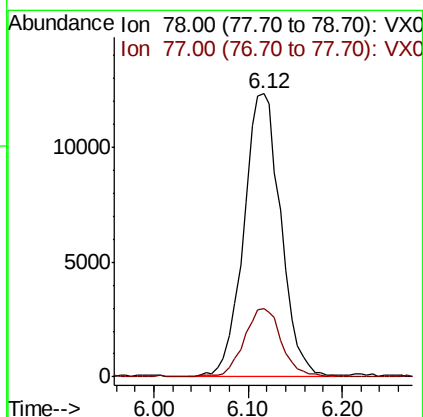
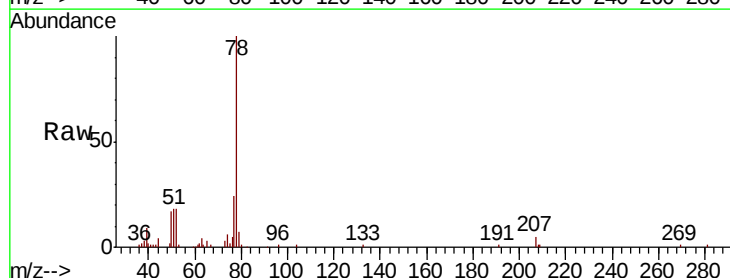
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 13878
Ion Ratio Lower Upper
83 100
55 73.2 61.1 91.7
98 40.1 39.0 58.4



#40
Benzene
Concen: 2.384 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 78 Resp: 34050
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

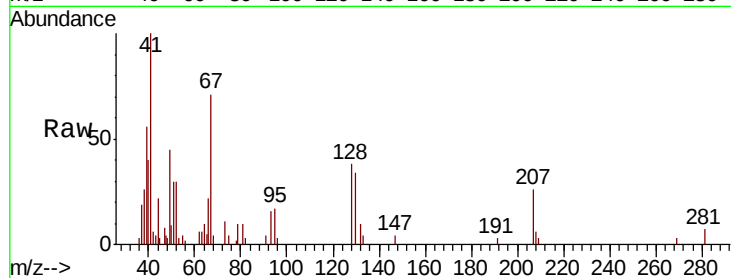




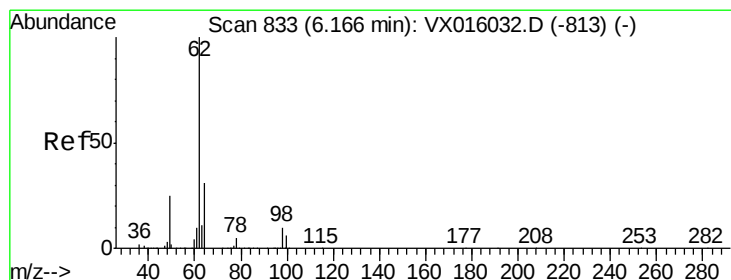
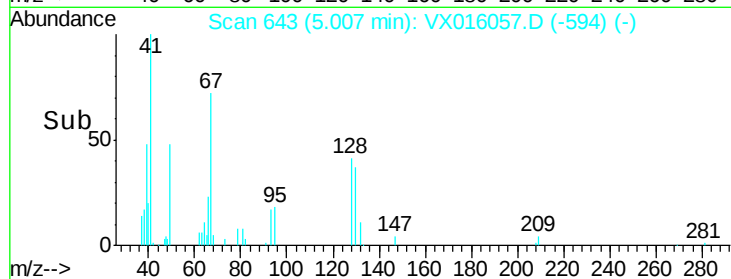
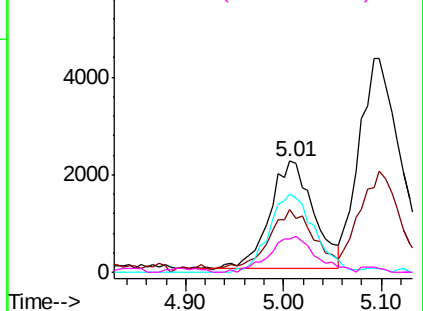
#41
Methacrylonitrile
Concen: 2.271 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	6937
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.2	64.8
67	74.8	59.3	88.9
52	34.3	23.5	35.3

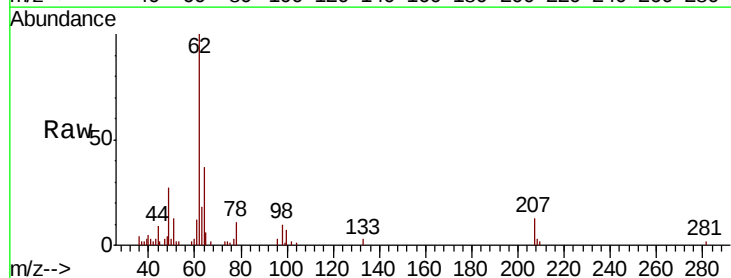


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

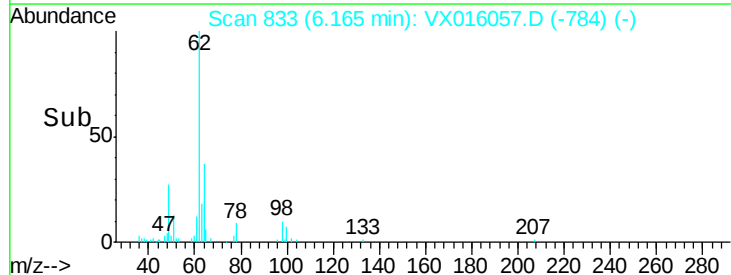
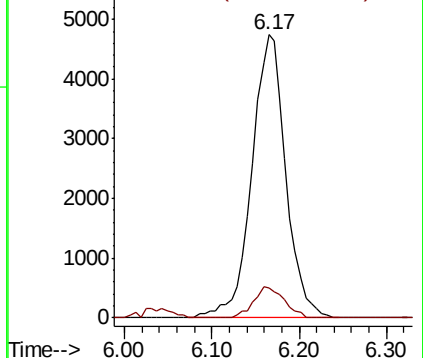


#42
1,2-Dichloroethane
Concen: 2.485 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion:	62	Resp:	12786
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



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



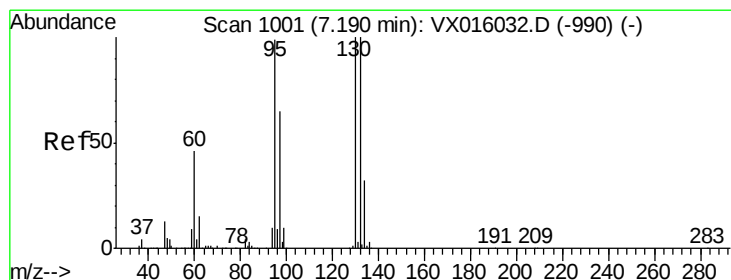
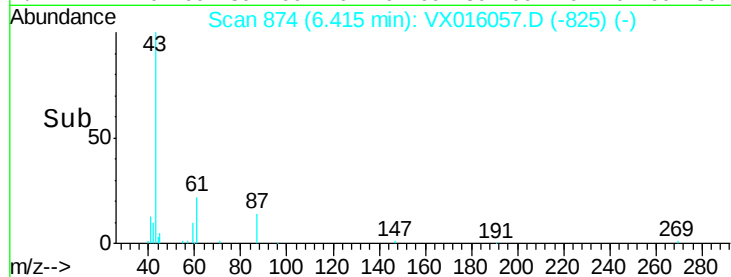
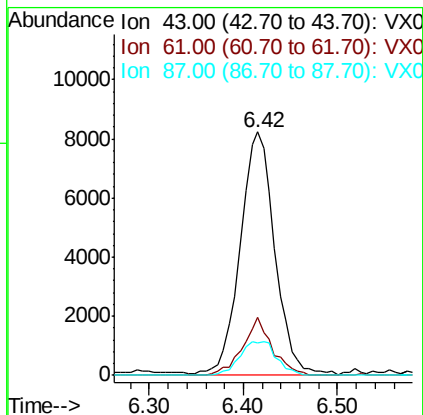
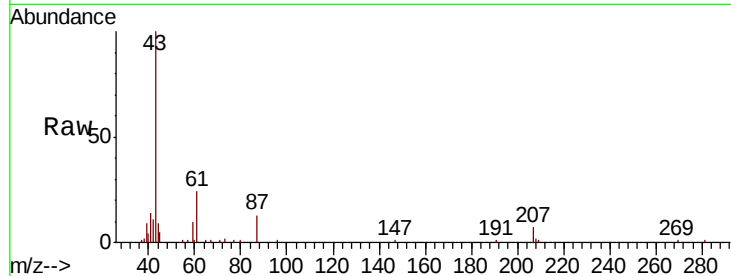


#43

Isopropyl Acetate
 Concen: 2.357 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Instrument :
 MSVOA_X
 ClientSampled :

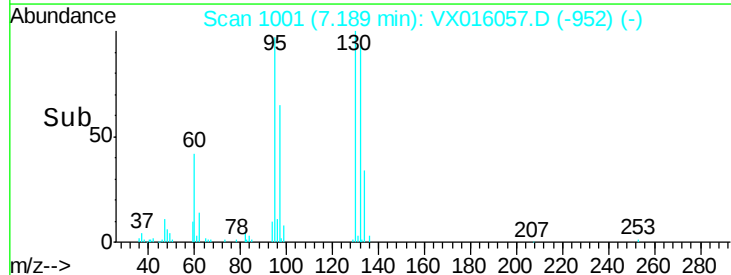
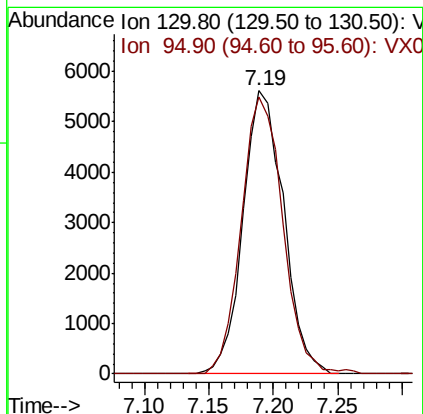
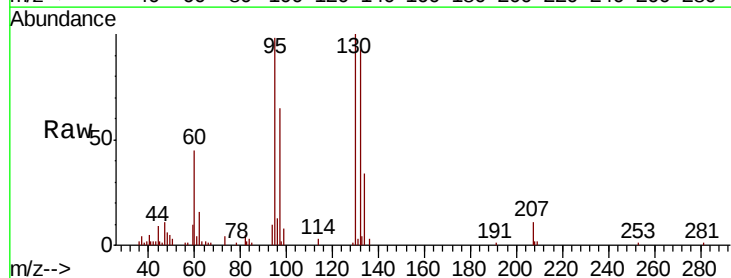
Tot Ion	43	Resp	21271
Ion Ratio	Lower	Upper	
43	100		
61	20.1	17.0	25.4
87	14.7	11.0	16.6

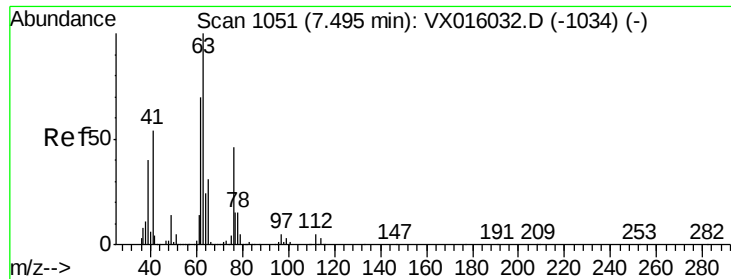


#44

Trichloroethene
 Concen: 2.414 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion	130	Resp	12247
Ion Ratio	Lower	Upper	
130	100		
95	97.8	0.0	197.4





#45

1,2-Dichloropropane

Concen: 2.374 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

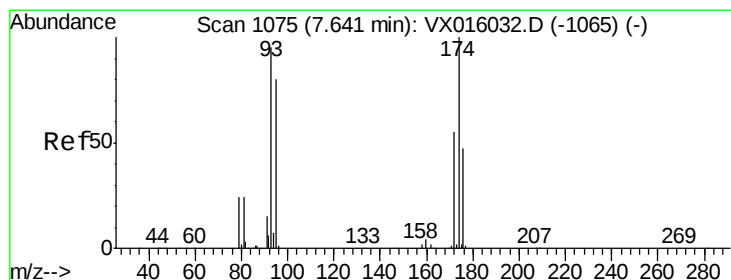
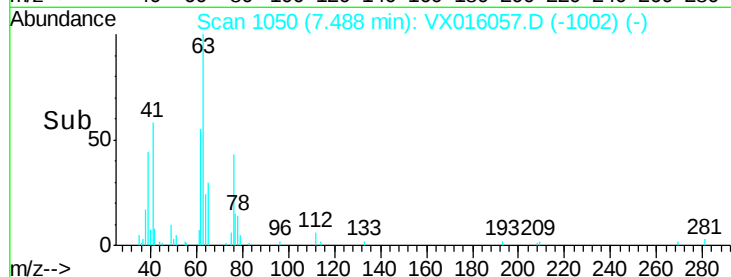
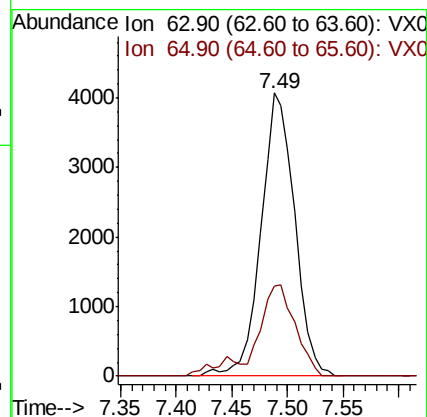
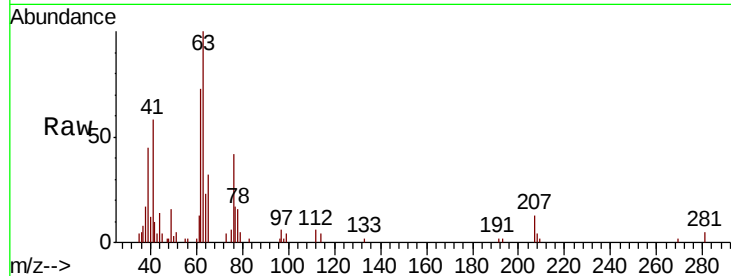
ClientSampleId :

Tot Ion: 63 Resp: 8580

Ion Ratio Lower Upper

63 100

65 32.0 24.4 36.6



#46

Dibromomethane

Concen: 2.374 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

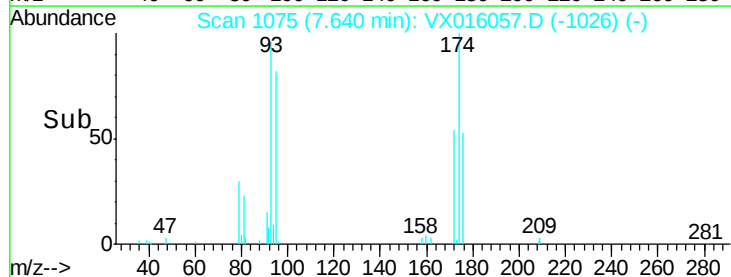
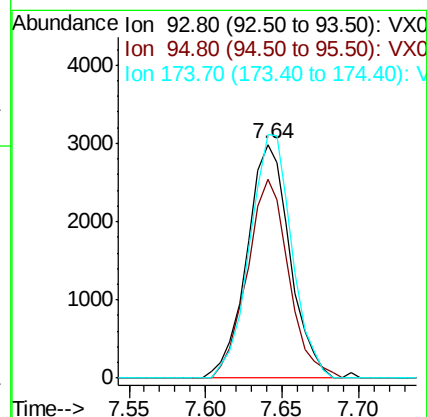
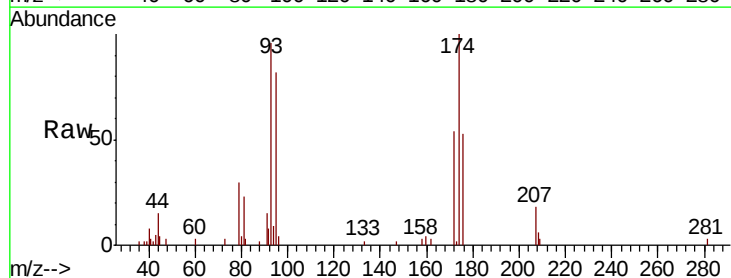
Tgt Ion: 93 Resp: 5830

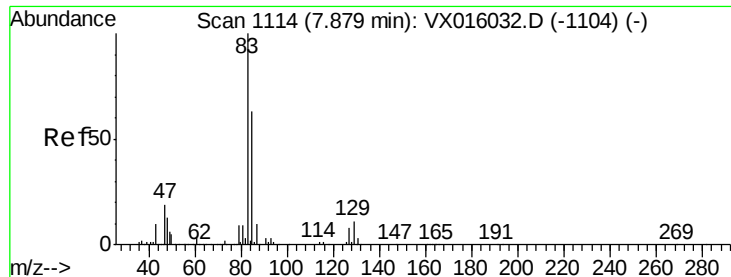
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 102.5 84.2 126.4





#47

Bromodichloromethane

Concen: 2.264 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

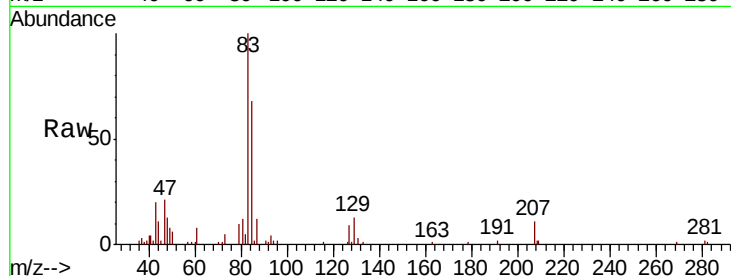
Tot Ion: 83 Resp: 11324

Ion Ratio Lower Upper

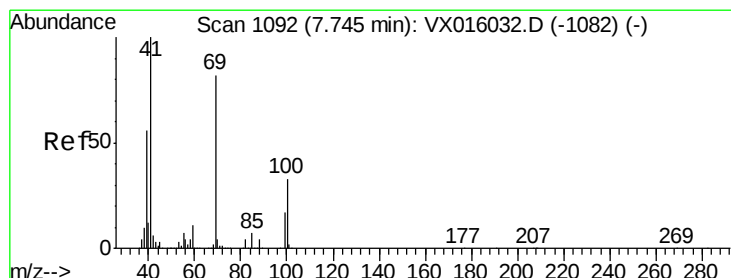
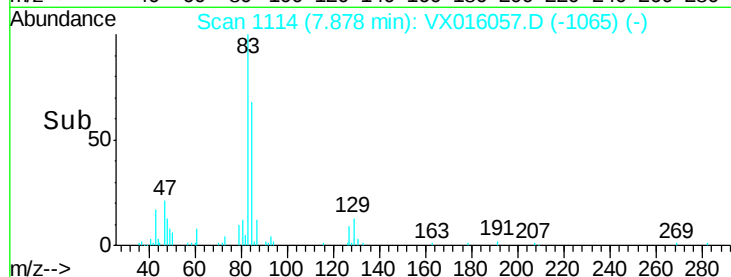
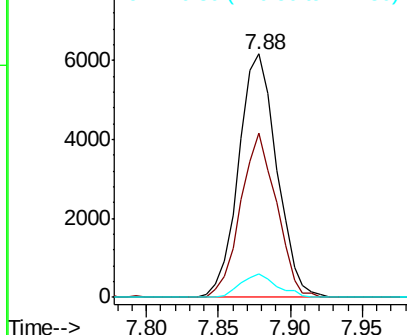
83 100

85 67.6 50.5 75.7

127 9.5 6.7 10.1



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



#48

Methyl methacrylate

Concen: 2.127 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

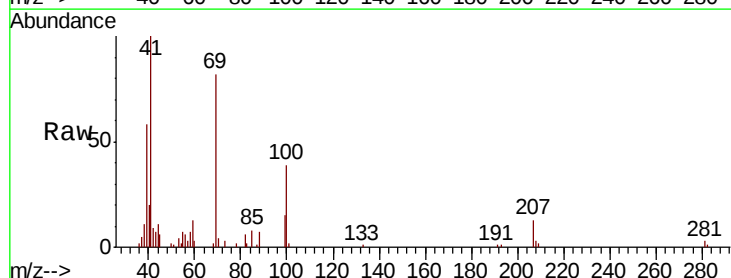
Tgt Ion: 41 Resp: 9096

Ion Ratio Lower Upper

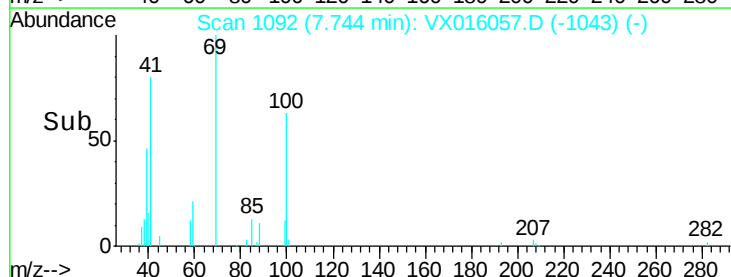
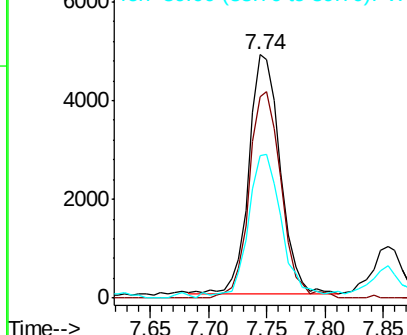
41 100

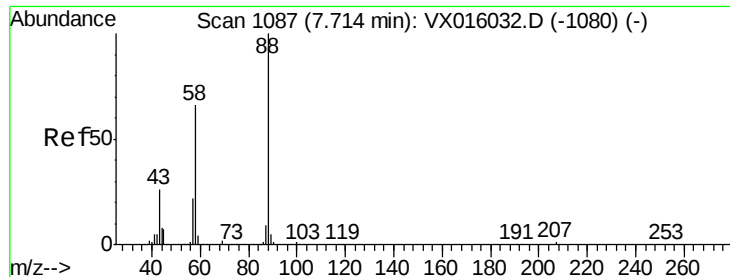
69 88.6 67.8 101.6

39 64.9 44.6 67.0



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

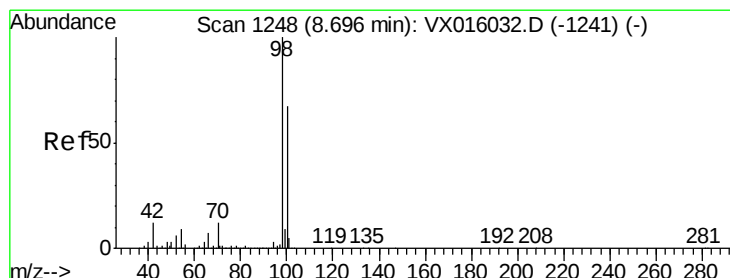
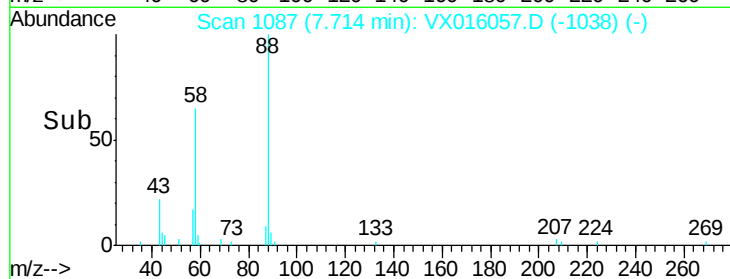
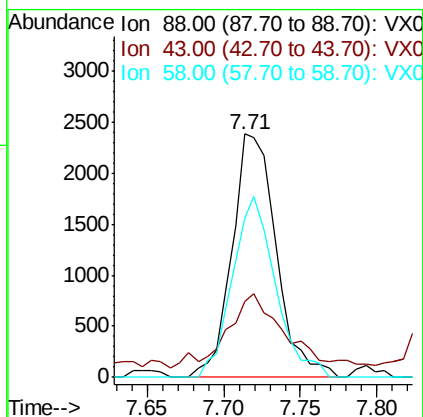
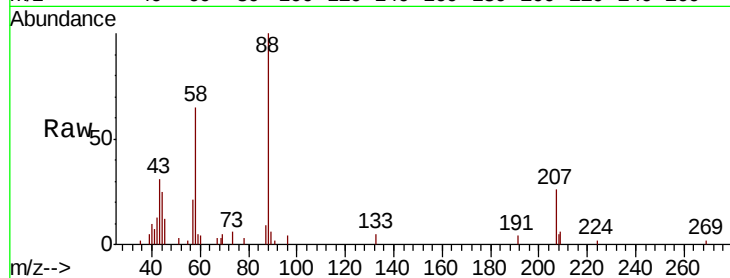




#49
1,4-Dioxane
Concen: 46.598 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

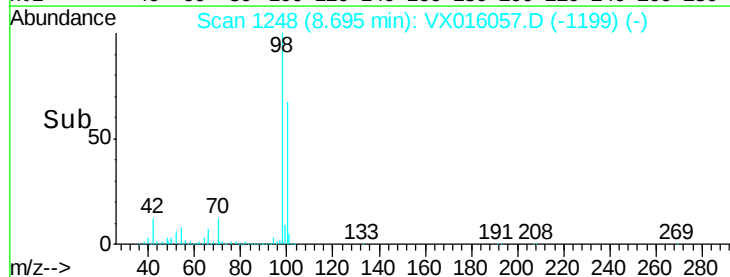
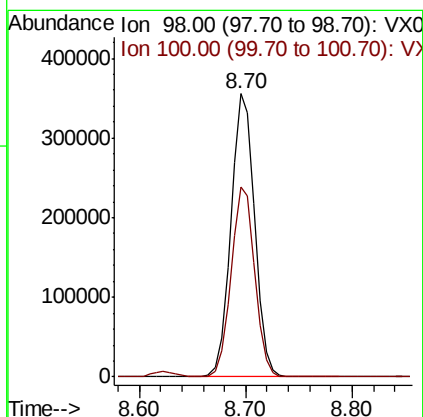
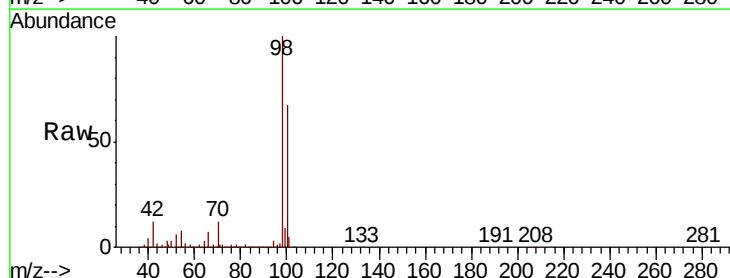
Instrument :
MSVOA_X
ClientSampleId :

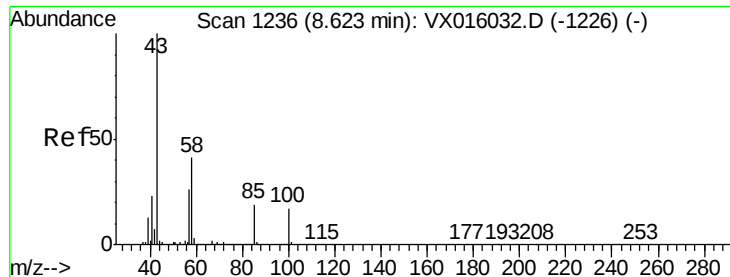
Tot Ion: 88 Resp: 4780
Ion Ratio Lower Upper
88 100
43 37.6 25.3 37.9
58 72.3 55.9 83.9



#50
Toluene-d8
Concen: 45.825 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 98 Resp: 554678
Ion Ratio Lower Upper
98 100
100 66.8 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 11.081 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

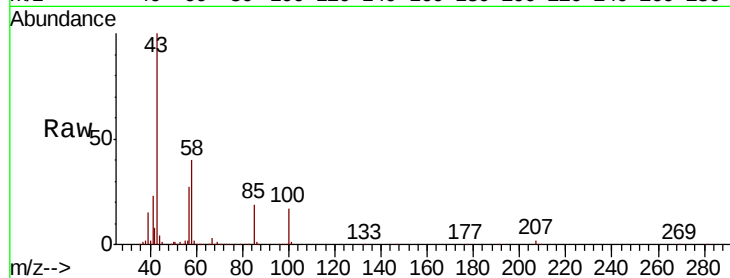
ClientSampleId :

Tot Ion: 43 Resp: 61205

Ion Ratio Lower Upper

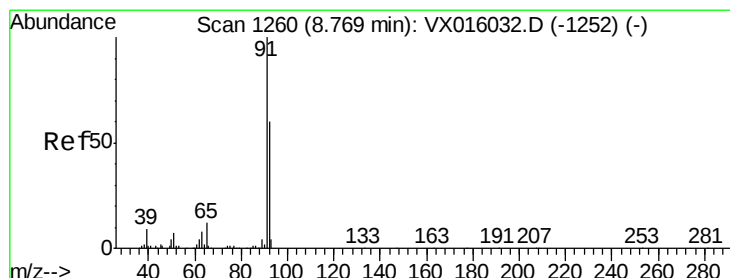
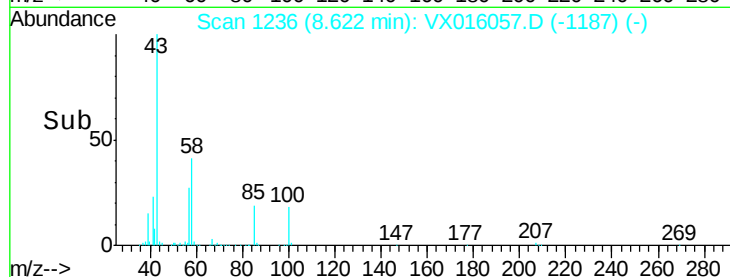
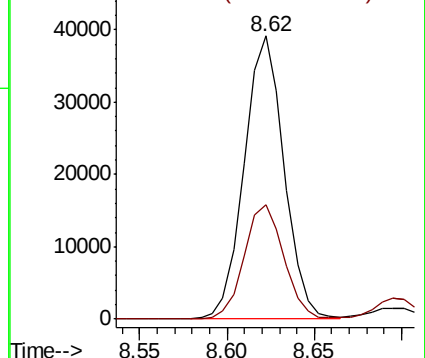
43 100

58 40.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.377 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016057.D

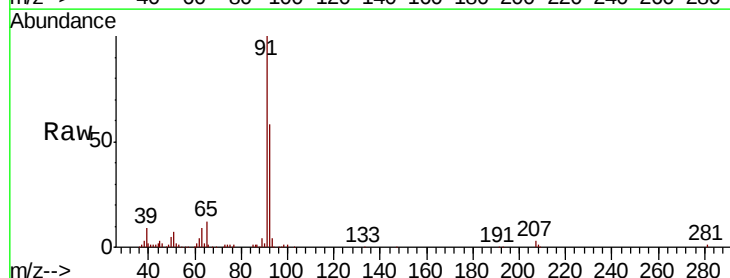
Acq: 05 May 2020 12:41

Tgt Ion: 92 Resp: 21161

Ion Ratio Lower Upper

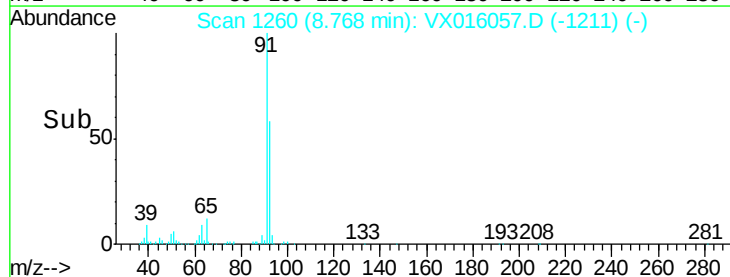
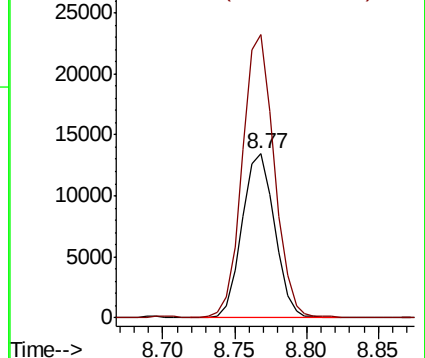
92 100

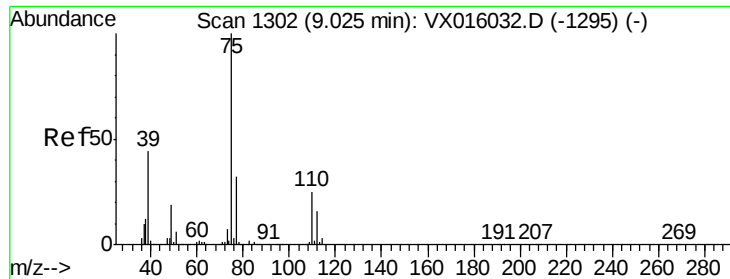
91 168.8 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 2.273 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

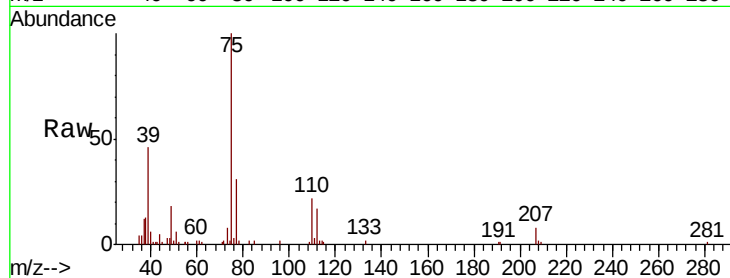
ClientSampled :

Tot Ion: 75 Resp: 13552

Ion Ratio Lower Upper

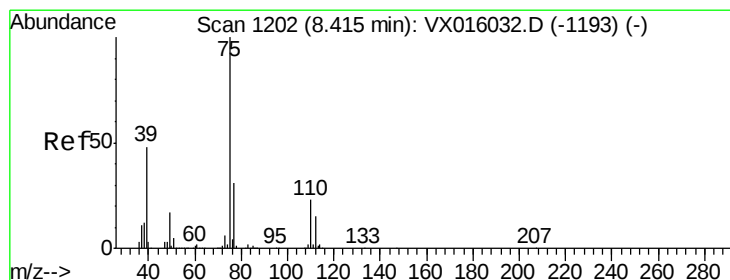
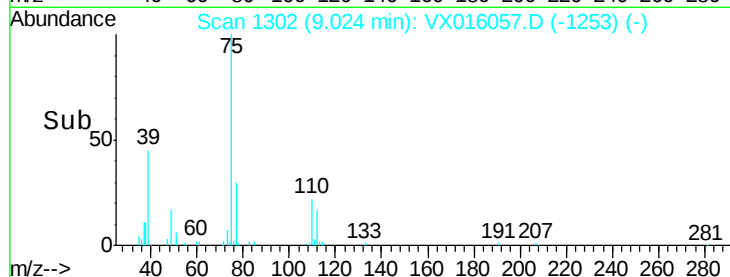
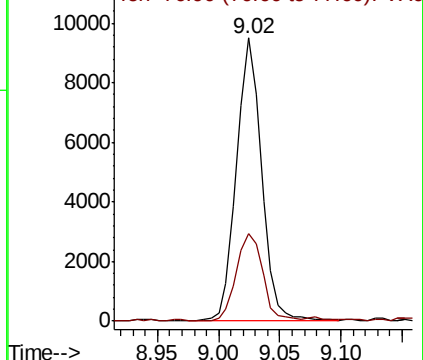
75 100

77 30.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 2.247 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

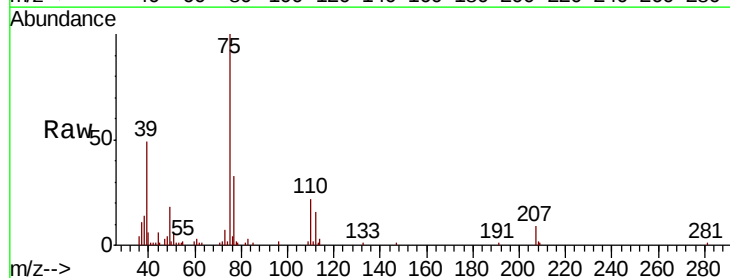
Tgt Ion: 75 Resp: 13999

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

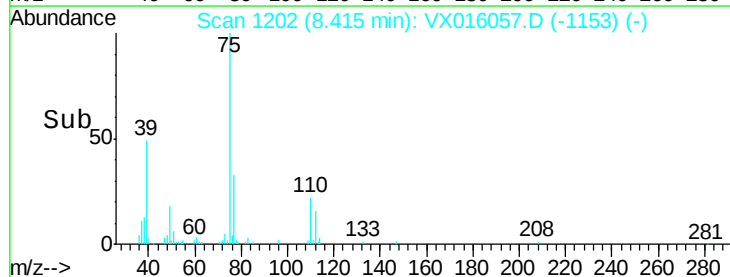
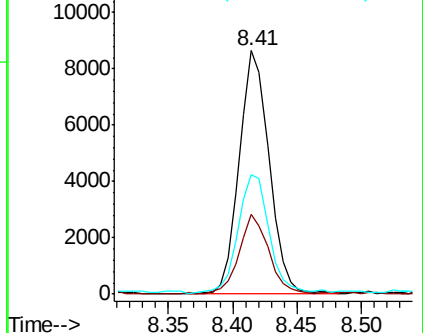
39 49.0 38.7 58.1

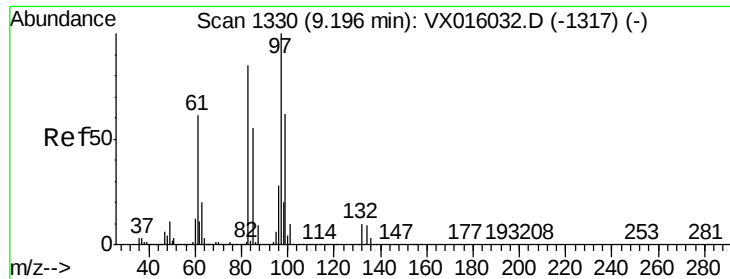


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 2.367 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 8291

Ion	Ratio	Lower	Upper
97	100		
83	75.2	67.8	101.8
85	53.8	43.8	65.8
99	58.4	49.4	74.0

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25

Abundance

9.20

6000

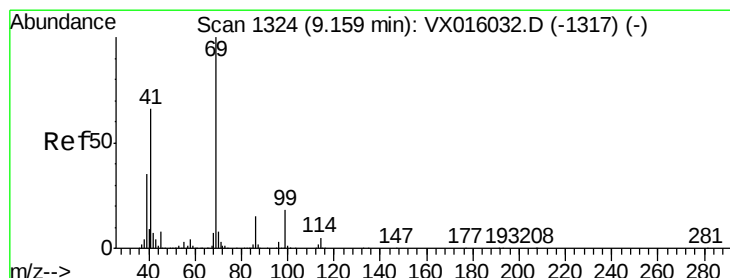
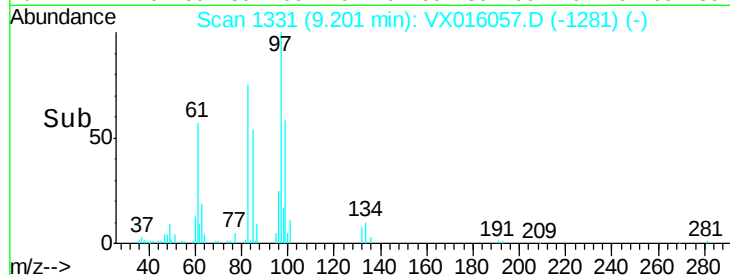
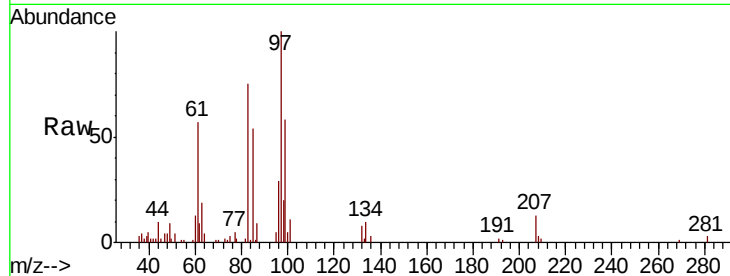
4000

2000

0

Time-->

9.10 9.15 9.20 9.25



#56

Ethyl methacrylate

Concen: 2.161 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion: 69 Resp: 12356

Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.4
39	40.9	28.2	42.4

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20

Abundance

9.16

12000

10000

8000

6000

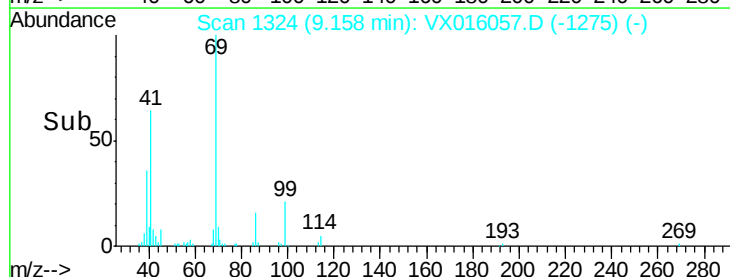
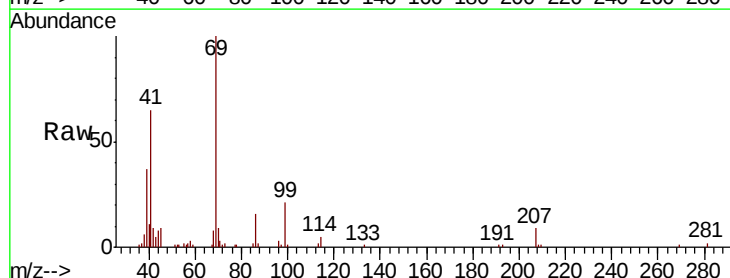
4000

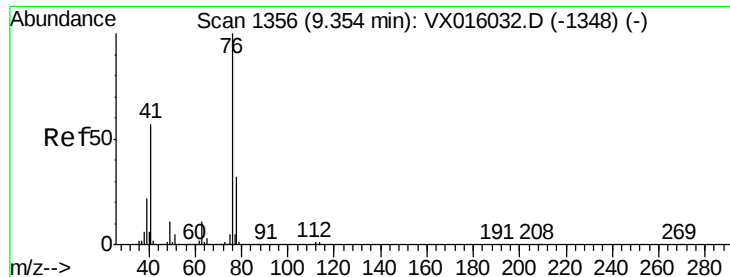
2000

0

Time-->

9.10 9.15 9.20





#57

1,3-Dichloropropane

Concen: 2.319 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

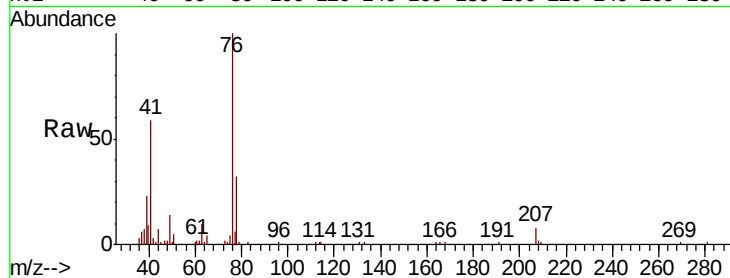
ClientSampleId :

Tot Ion: 76 Resp: 14170

Ion Ratio Lower Upper

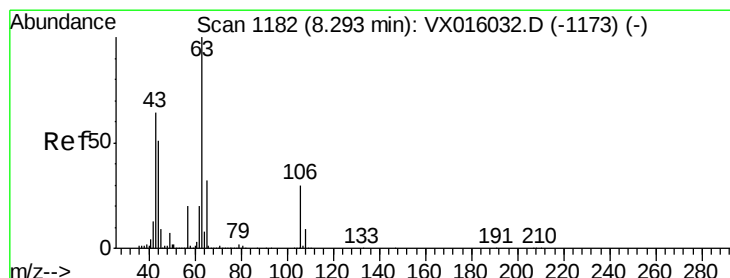
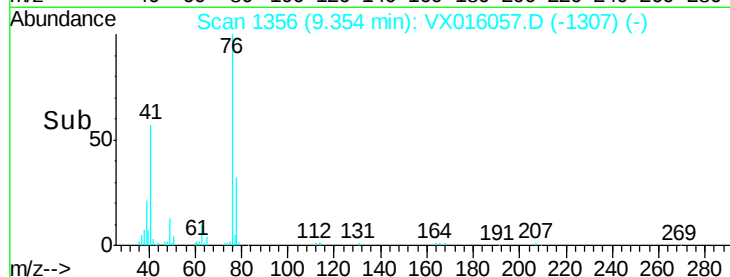
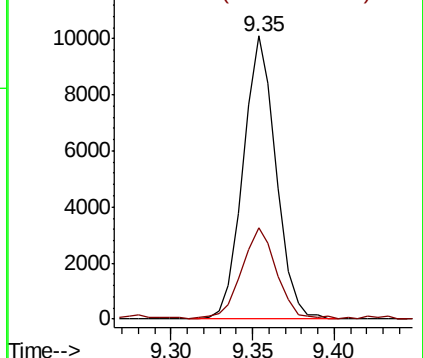
76 100

78 34.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 10.705 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016057.D

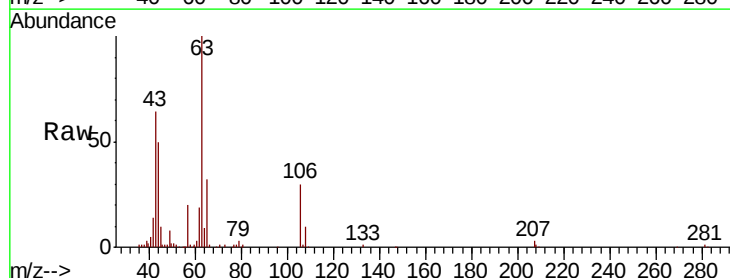
Acq: 05 May 2020 12:41

Tgt Ion: 63 Resp: 32581

Ion Ratio Lower Upper

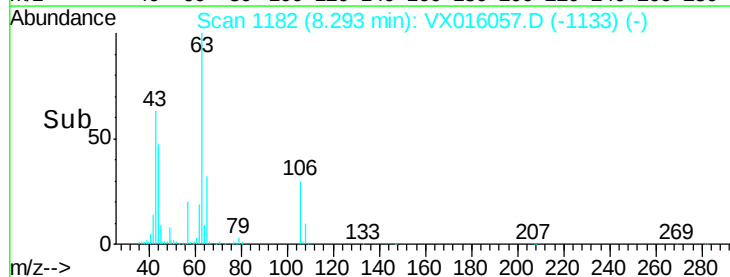
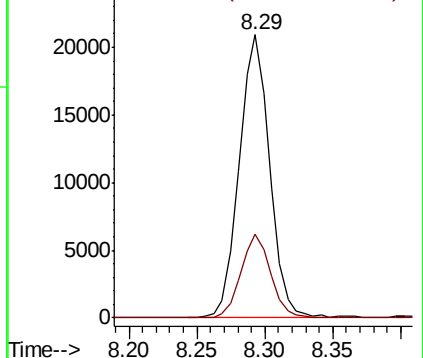
63 100

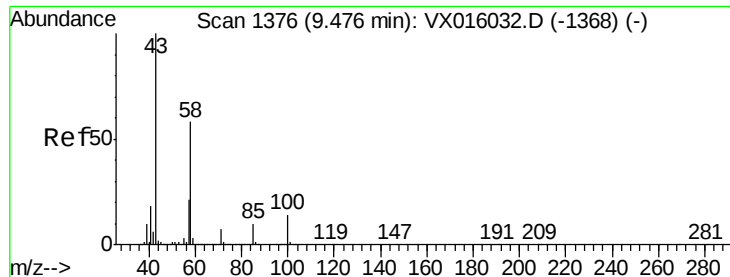
106 29.0 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

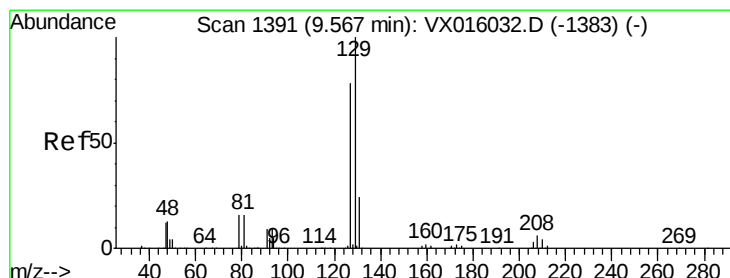
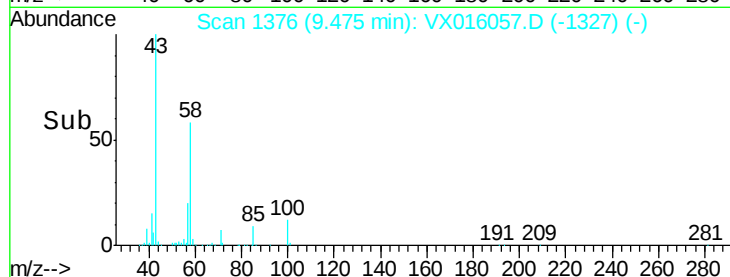
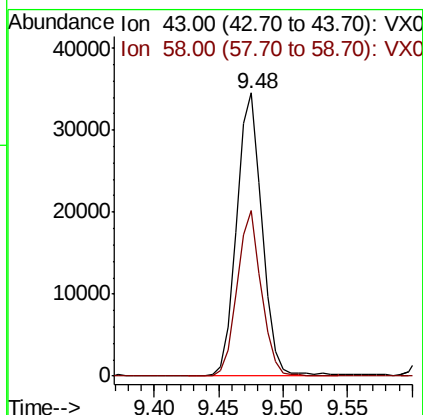
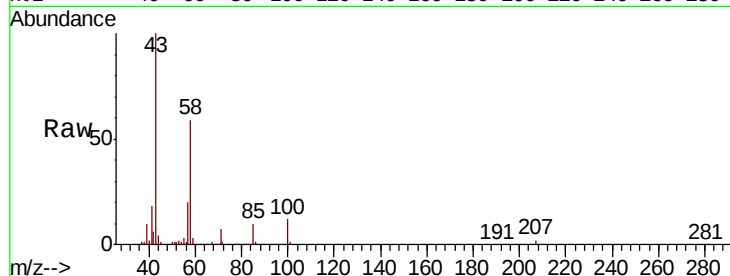




#59
2-Hexanone
Concen: 10.852 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

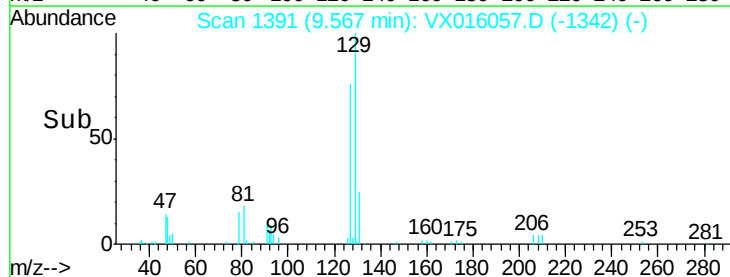
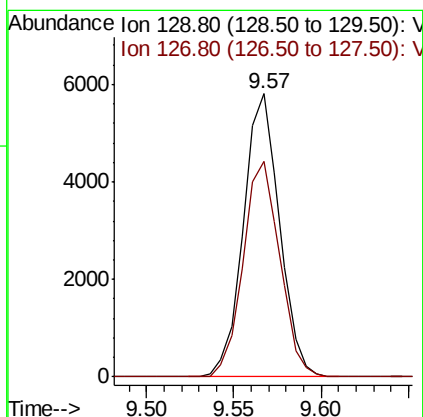
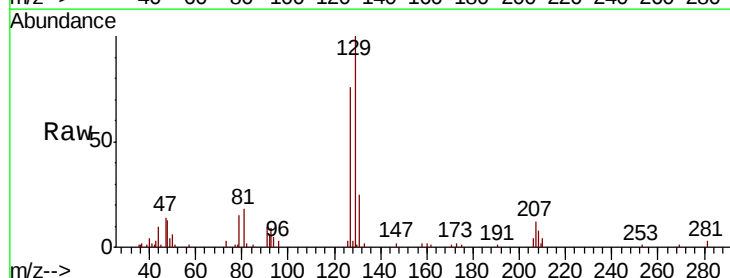
Instrument :
MSVOA_X
ClientSampleId :

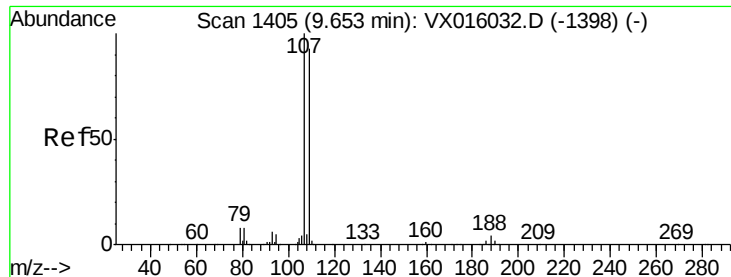
Tot Ion: 43 Resp: 47076
Ion Ratio Lower Upper
43 100
58 56.2 28.6 85.9



#60
Dibromochloromethane
Concen: 2.158 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 129 Resp: 8323
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 2.330 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

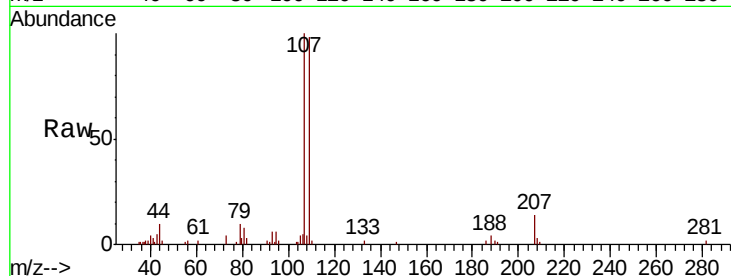
ClientSampleId :

Tot Ion:107 Resp: 8841

Ion Ratio Lower Upper

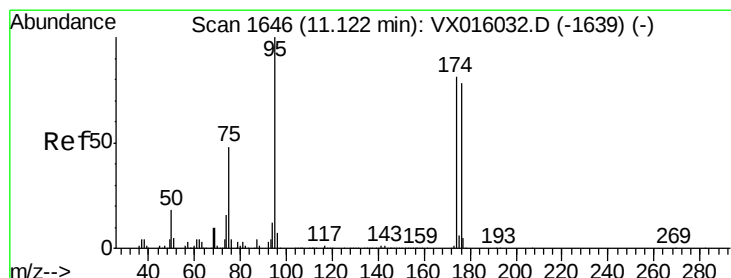
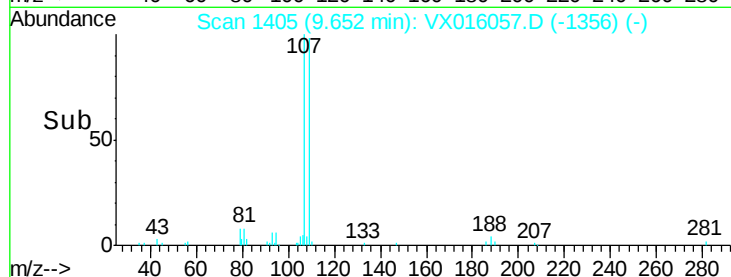
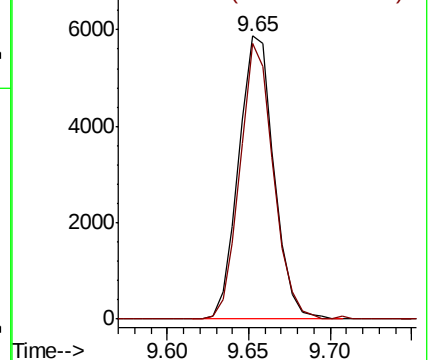
107 100

109 92.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.467 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

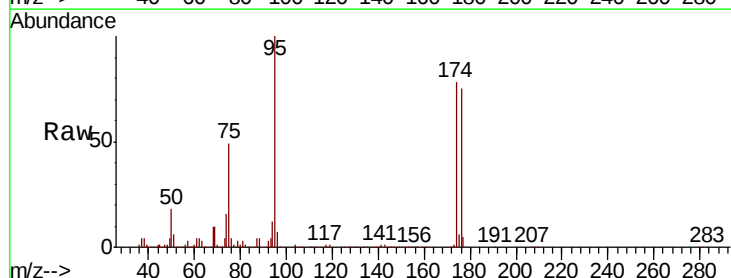
Tgt Ion: 95 Resp: 204724

Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.4

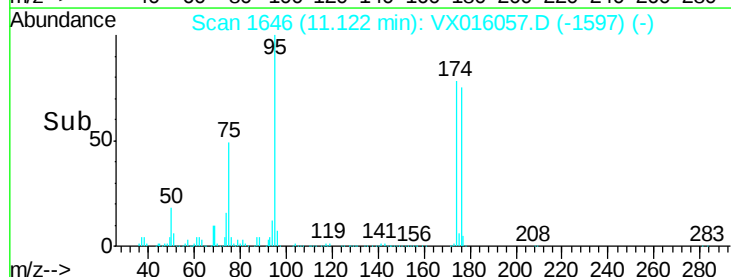
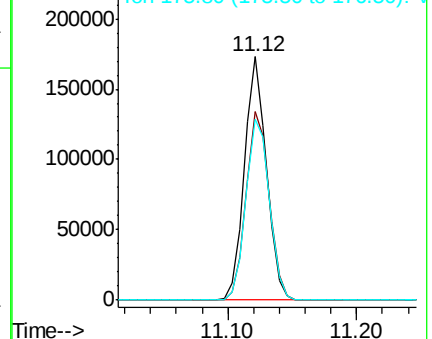
176 78.8 0.0 157.6

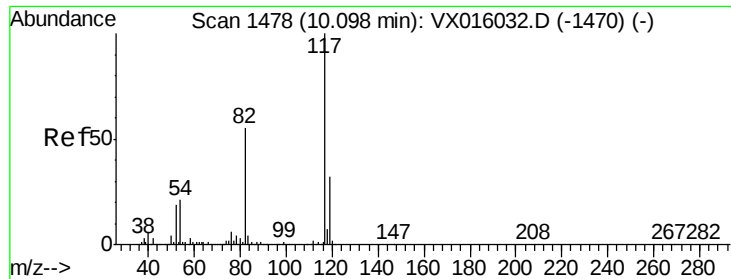


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

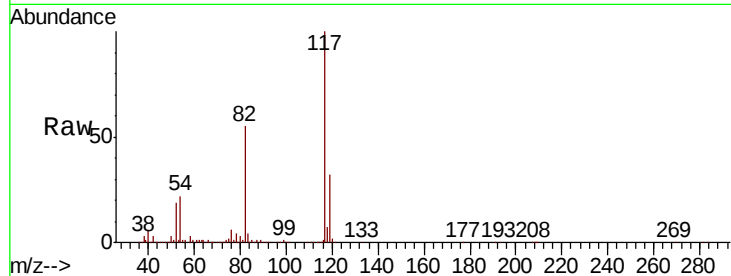




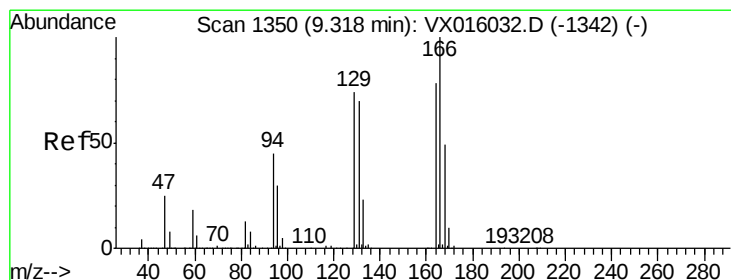
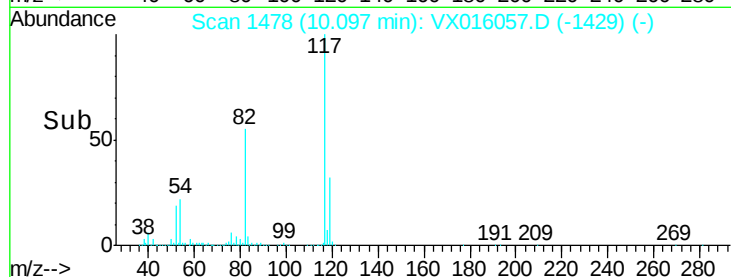
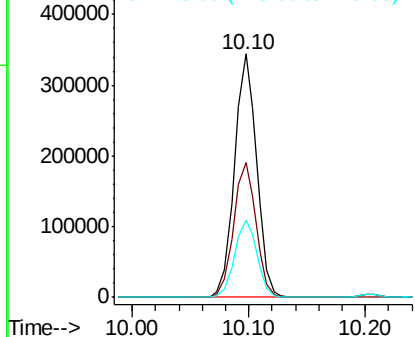
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.4	66.6
119	31.9	25.5	38.3



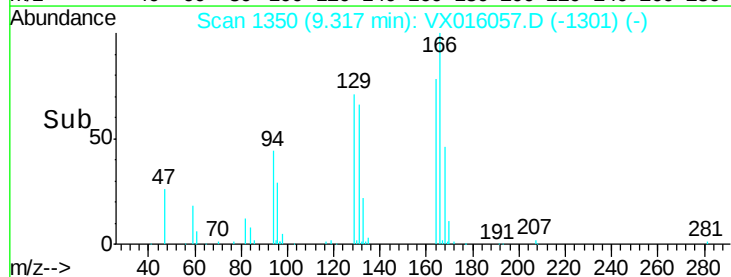
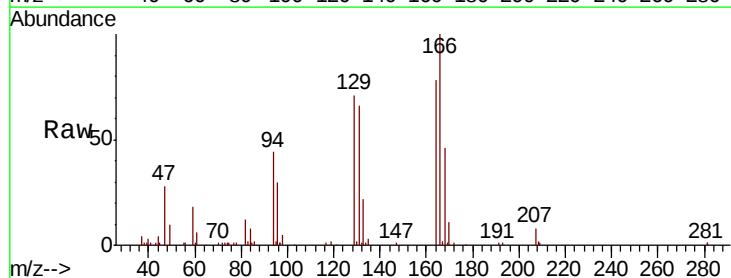
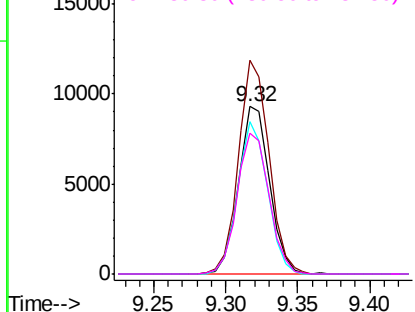
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

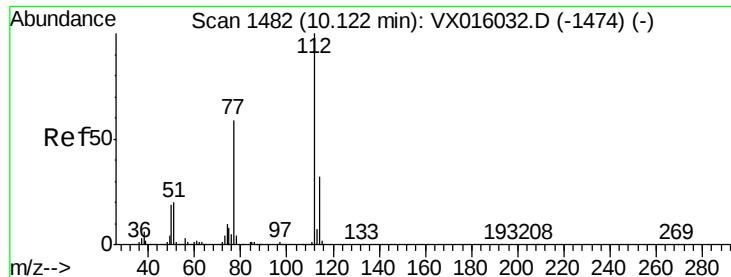


#64
Tetrachloroethene
Concen: 2.488 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	102.9	154.3
129	90.7	76.1	114.1
131	83.7	71.9	107.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 2.343 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

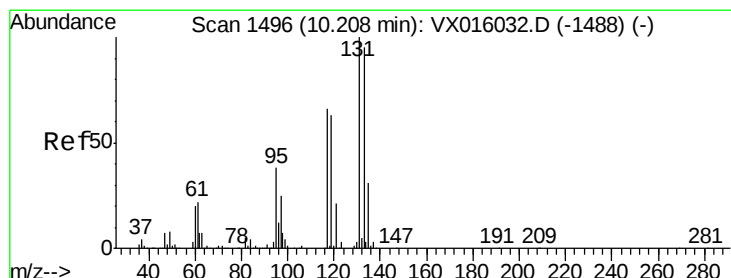
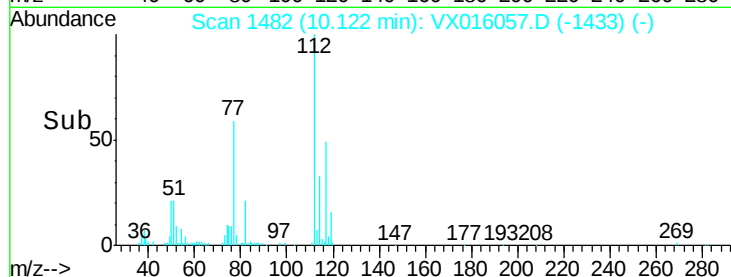
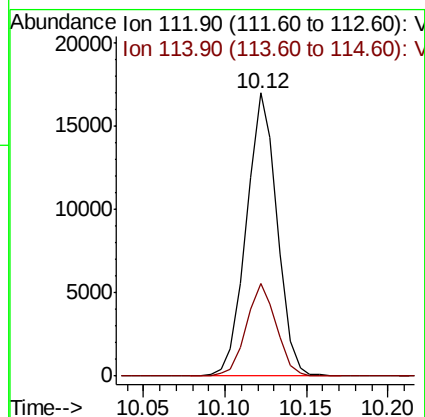
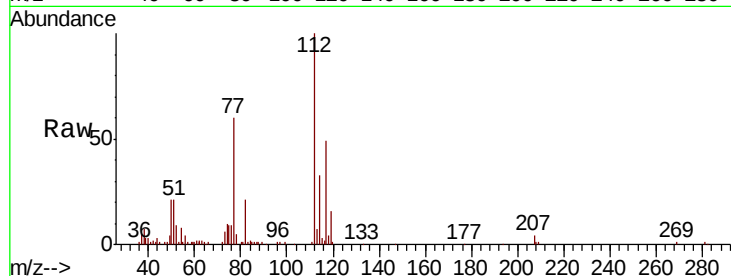
ClientSampleId :

Tot Ion:112 Resp: 22366

Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 2.256 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

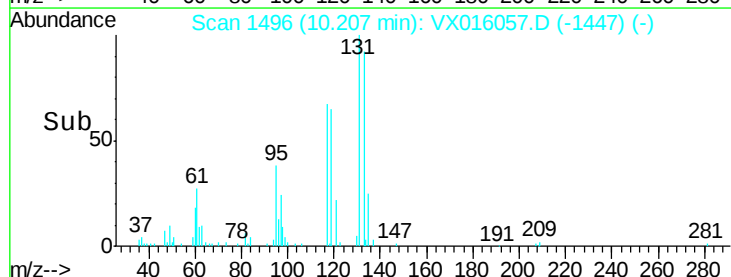
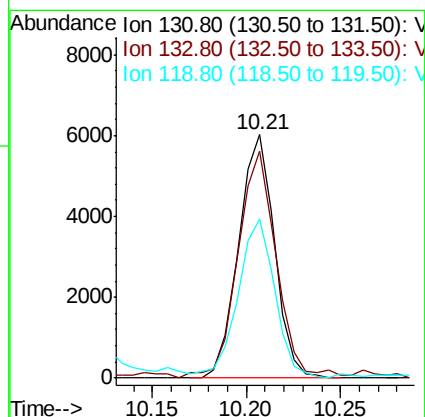
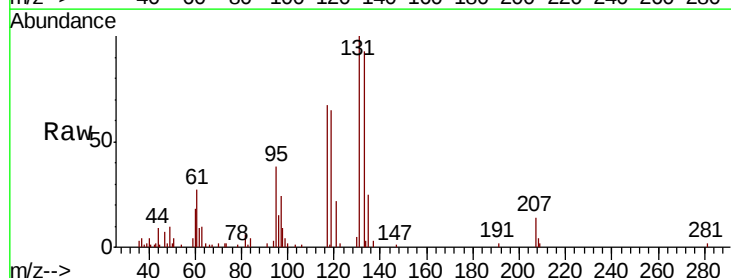
Tgt Ion:131 Resp: 7957

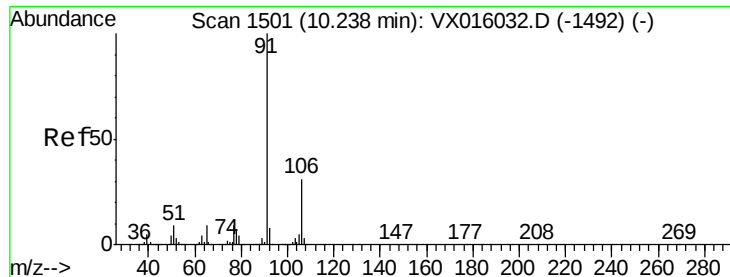
Ion Ratio Lower Upper

131 100

133 100.3 48.3 144.8

119 67.3 32.3 96.9

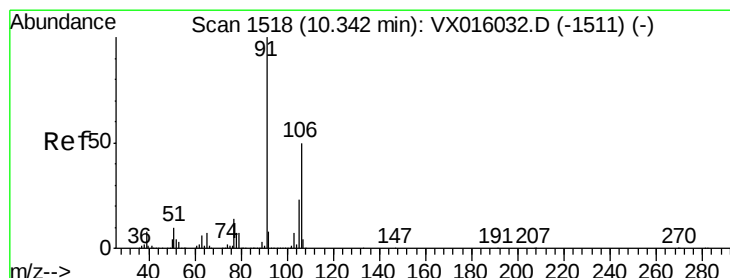
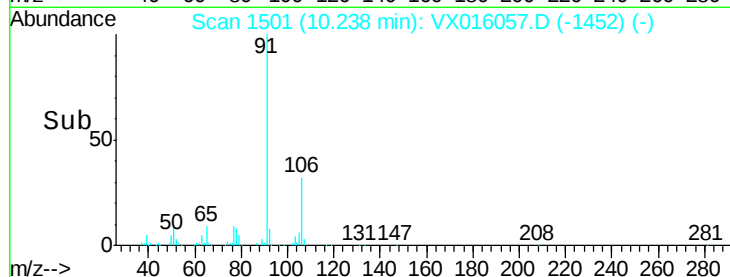
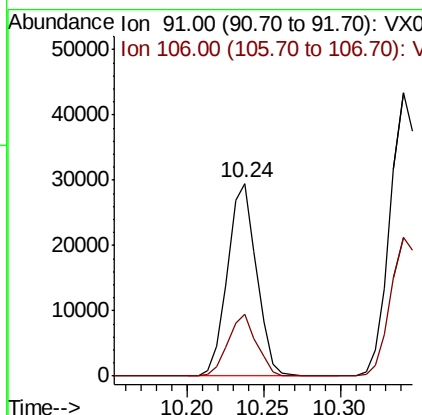
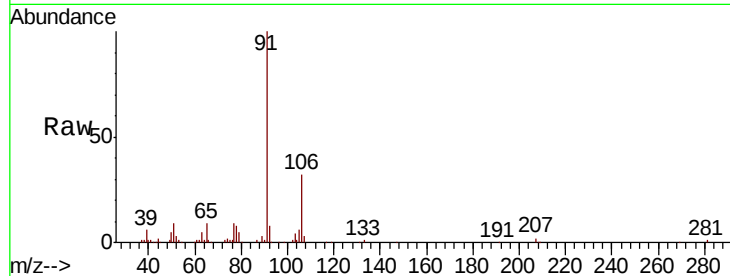




#67
Ethyl Benzene
Concen: 2.283 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

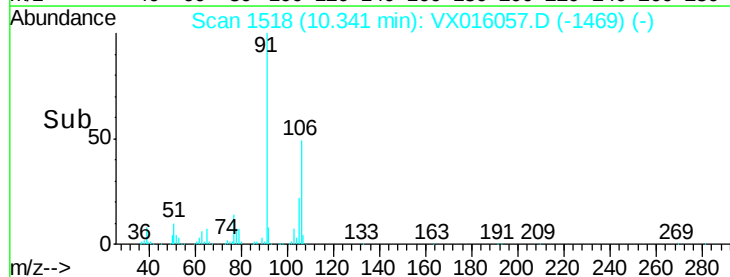
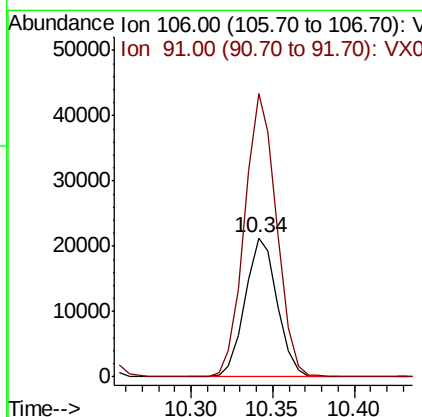
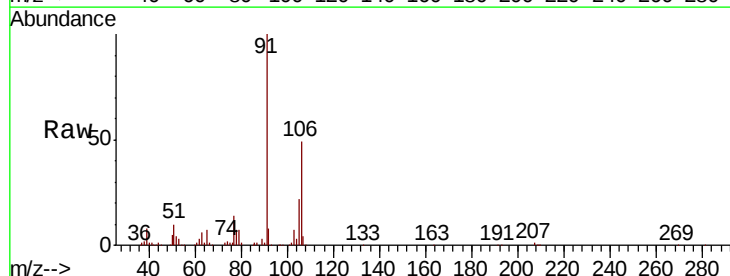
Instrument :
MSVOA_X
ClientSampled :

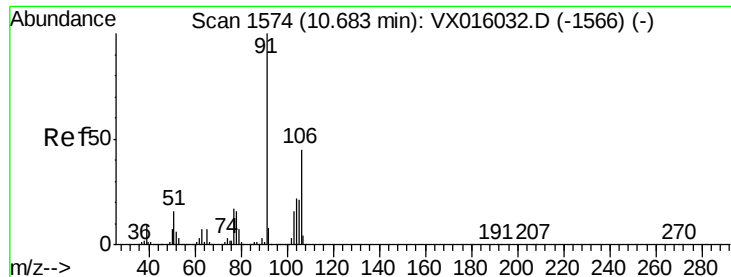
Tot Ion: 91 Resp: 38871
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 4.562 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 106 Resp: 29108
Ion Ratio Lower Upper
106 100
91 202.4 161.7 242.5





#69

o-Xylene

Concen: 2.285 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

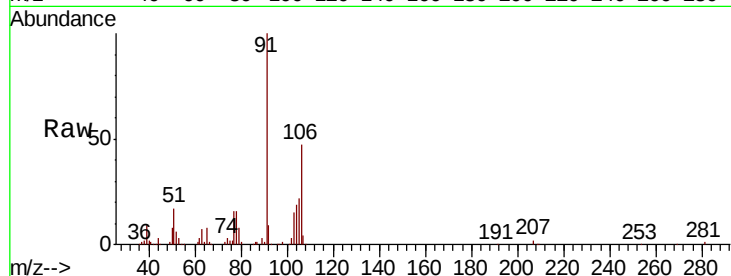
ClientSampled :

Tot Ion:106 Resp: 14016

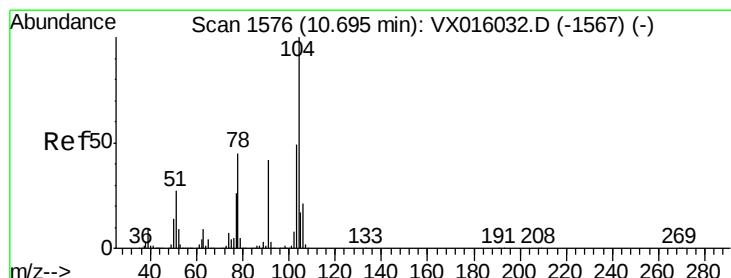
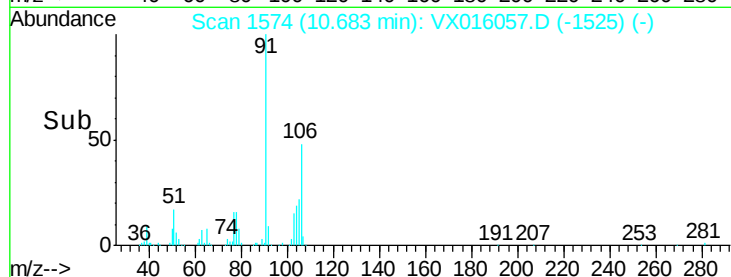
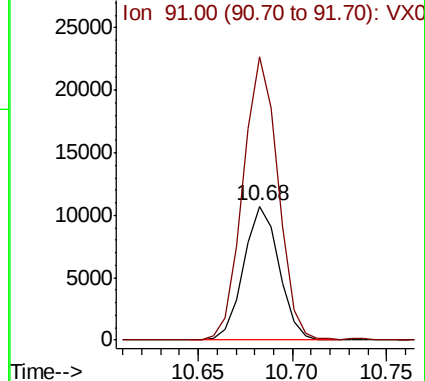
Ion Ratio Lower Upper

106 100

91 209.2 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 2.130 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

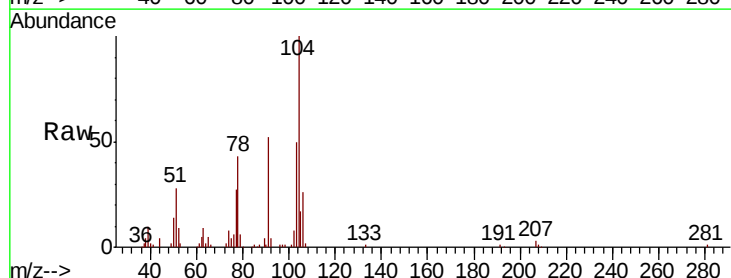
Tgt Ion:104 Resp: 22165

Ion Ratio Lower Upper

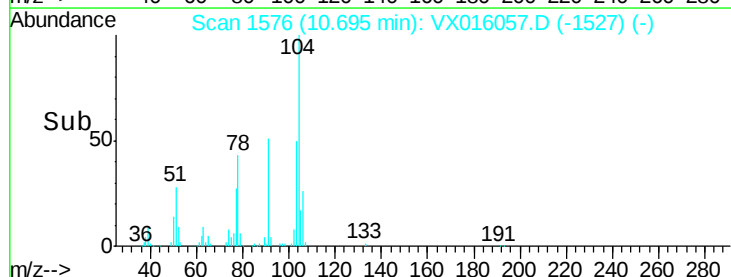
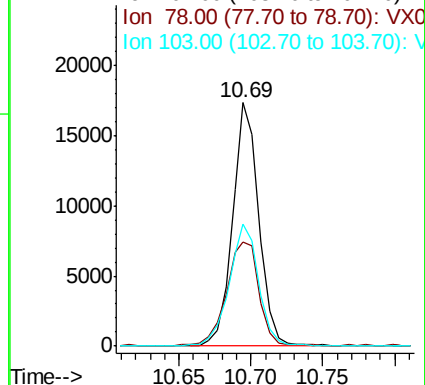
104 100

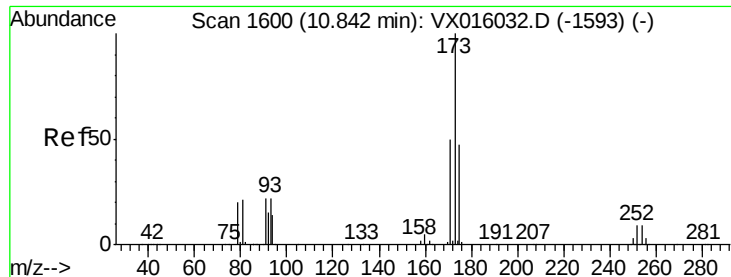
78 53.6 40.2 60.2

103 56.1 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V





#71

Bromoform

Concen: 2.047 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

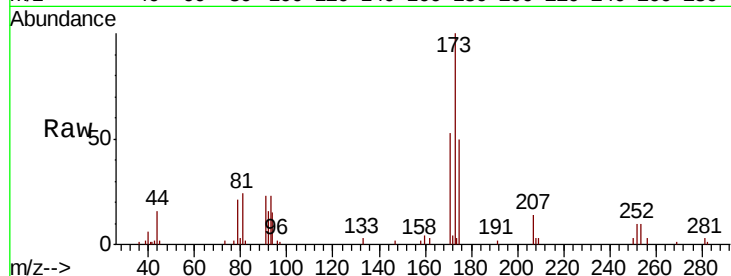
Tot Ion:173 Resp: 5882

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

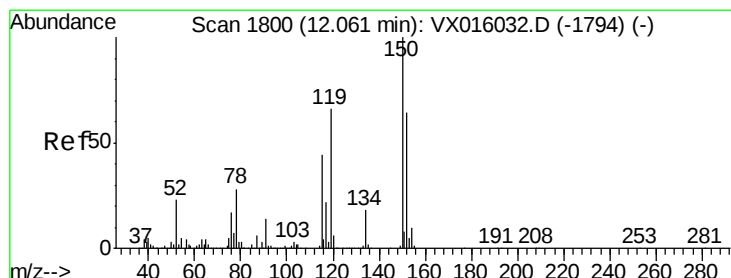
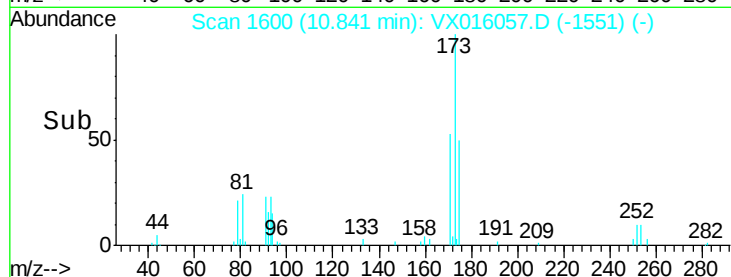
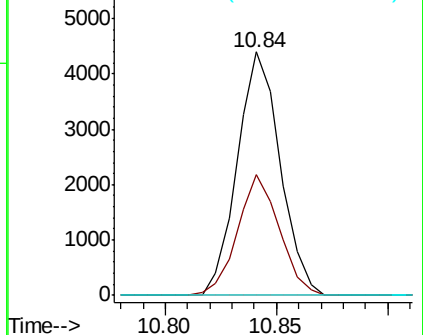
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

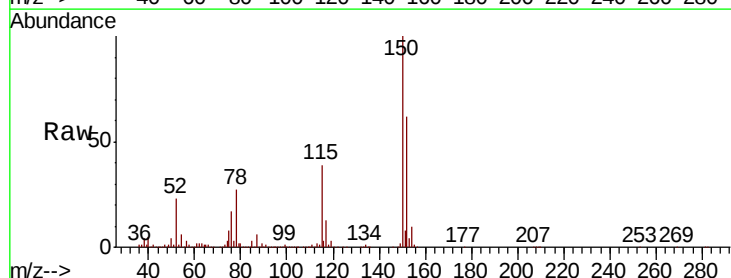
Tgt Ion:152 Resp: 219638

Ion Ratio Lower Upper

152 100

115 60.8 41.3 124.1

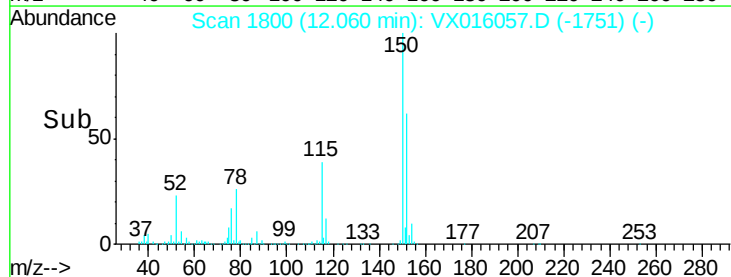
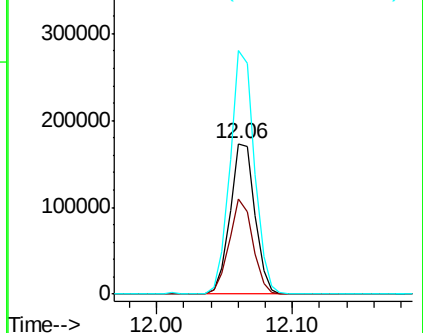
150 158.4 0.0 352.2

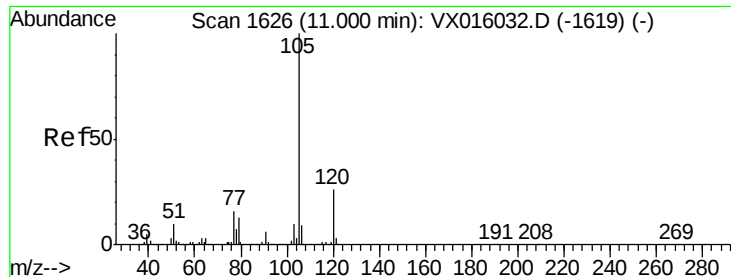


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.336 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

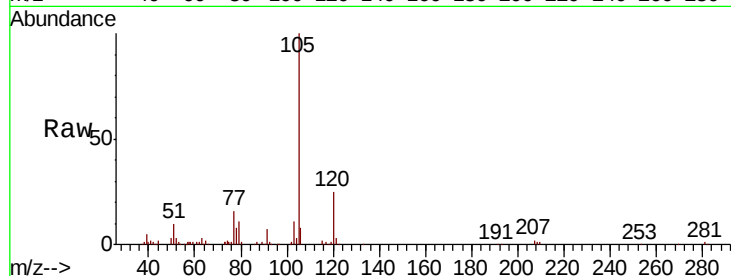
ClientSampleId :

Tot Ion: 105 Resp: 37326

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

30000

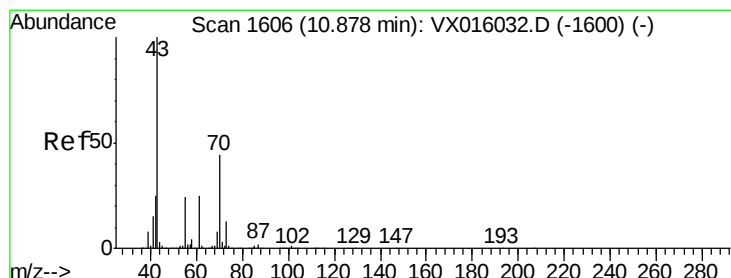
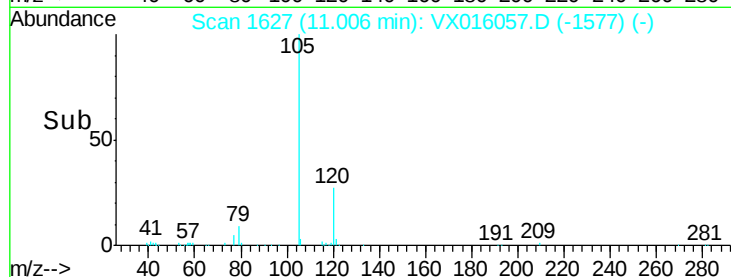
20000

10000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 2.158 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion: 43 Resp: 16079

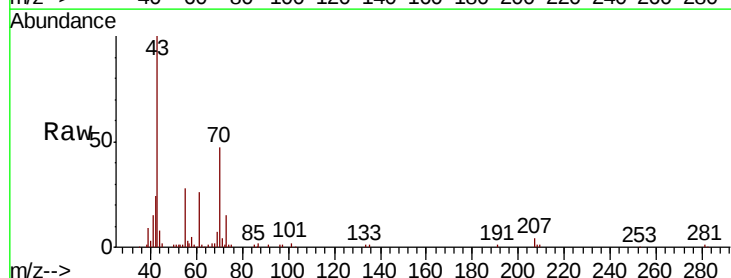
Ion Ratio Lower Upper

43 100

70 46.0 36.5 54.7

55 26.5 19.7 29.5

61 25.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

20000

15000

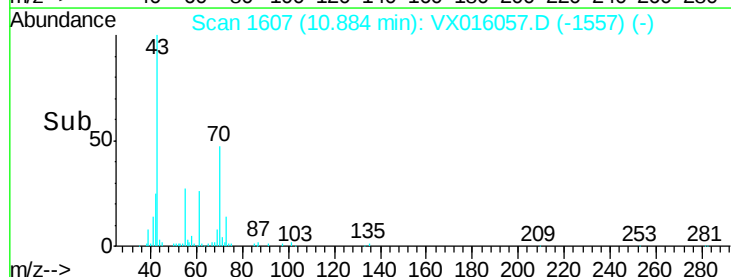
10000

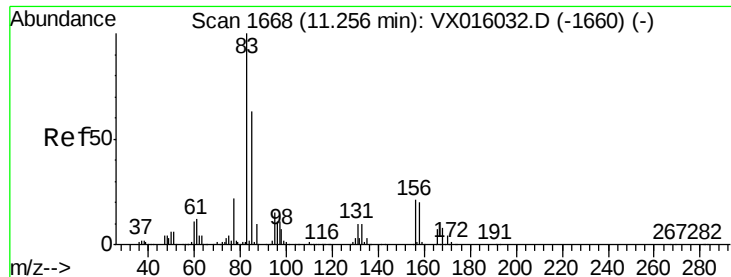
5000

0

Time-->

10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 6.415 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

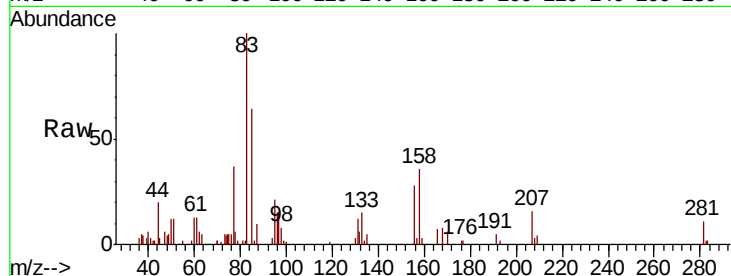
Tot Ion: 83 Resp: 6167

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

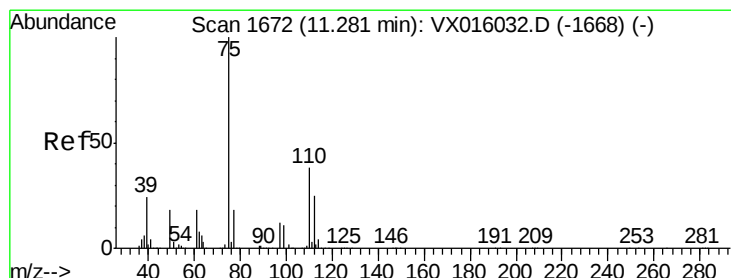
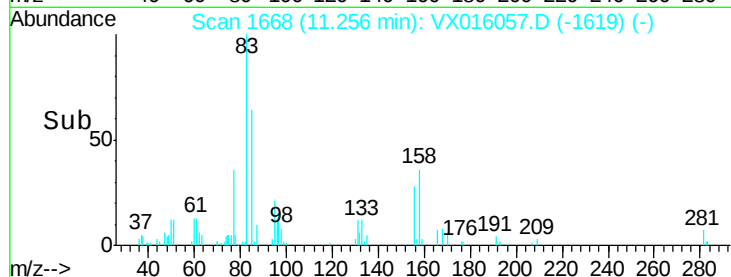
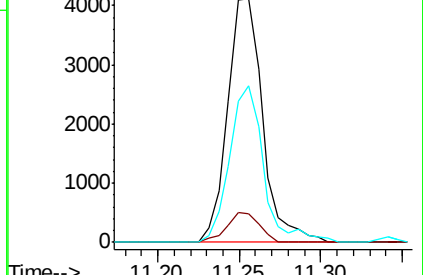
85 62.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 3.044 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016057.D

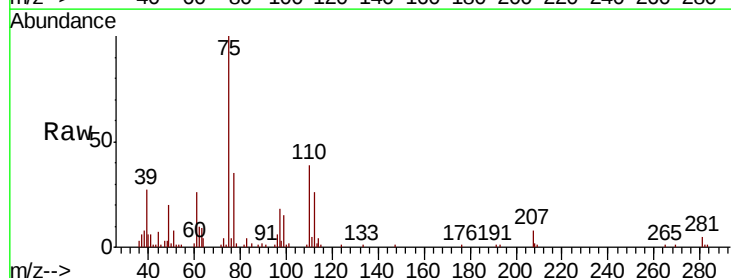
Acq: 05 May 2020 12:41

Tgt Ion: 75 Resp: 15174

Ion Ratio Lower Upper

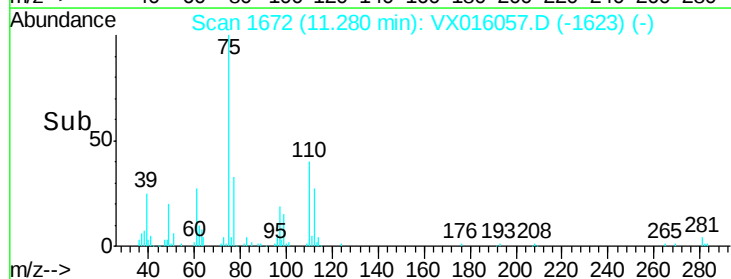
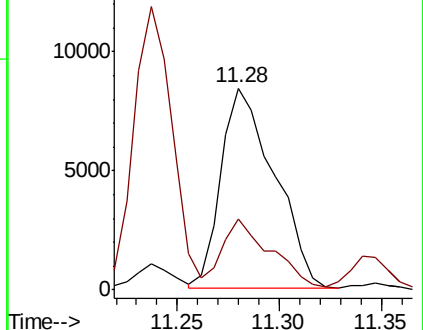
75 100

77 32.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.335 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

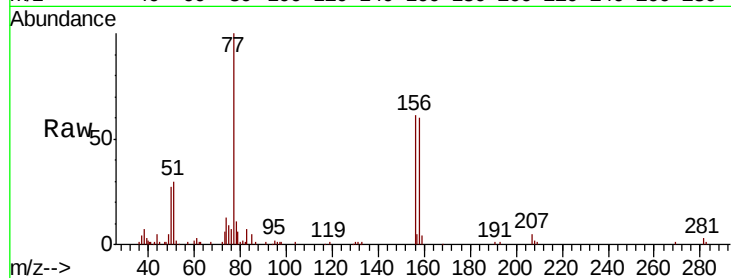
Tot Ion:156 Resp: 9627

Ion Ratio Lower Upper

156 100

77 162.8 80.1 240.3

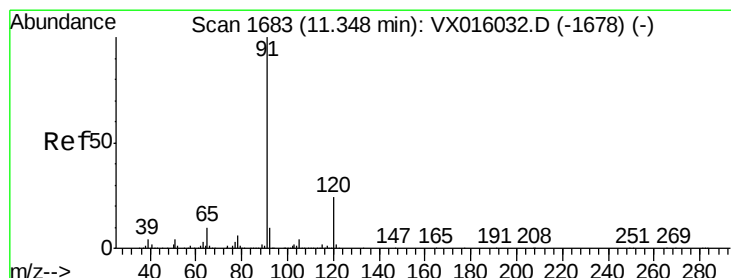
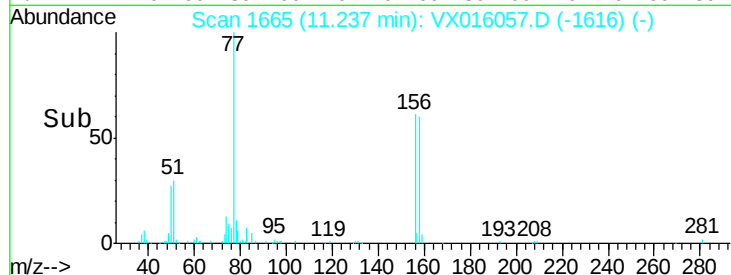
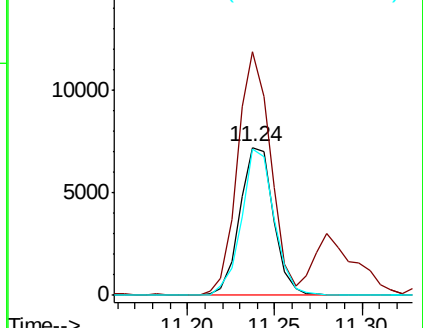
158 95.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.320 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016057.D

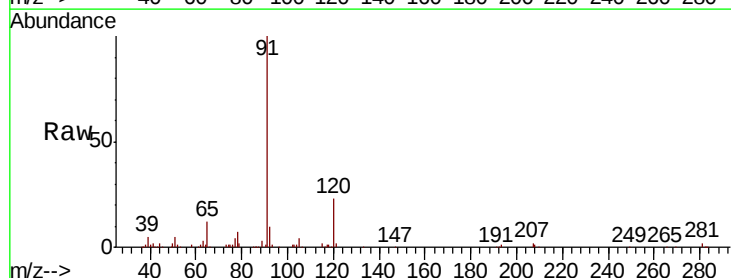
Acq: 05 May 2020 12:41

Tgt Ion: 91 Resp: 43123

Ion Ratio Lower Upper

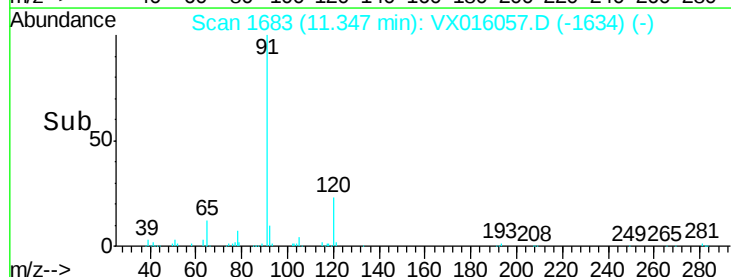
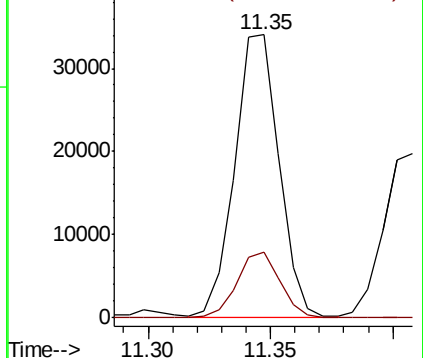
91 100

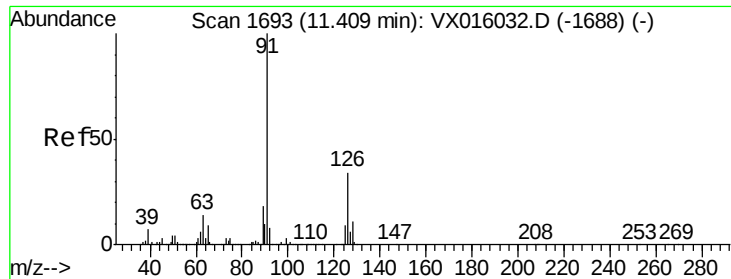
120 22.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.343 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

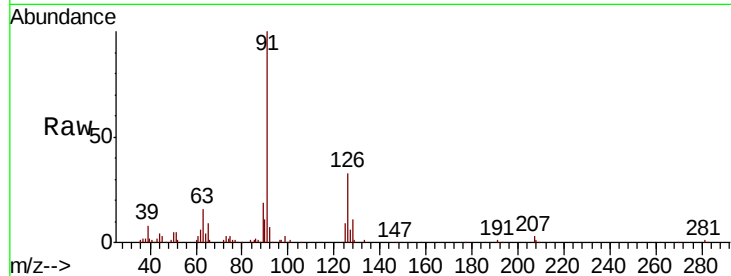
ClientSampleId :

Tot Ion: 91 Resp: 25700

Ion Ratio Lower Upper

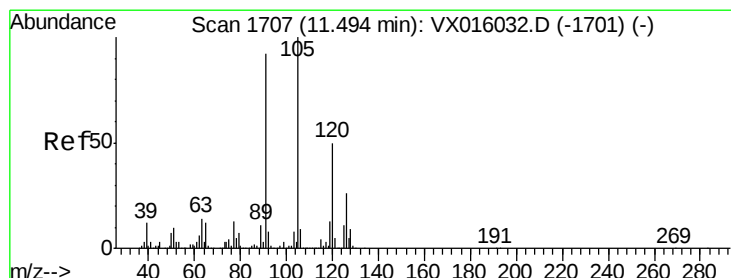
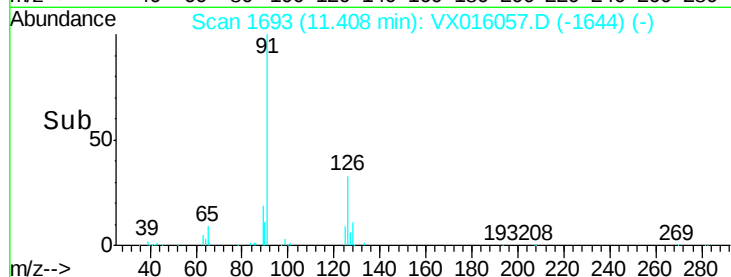
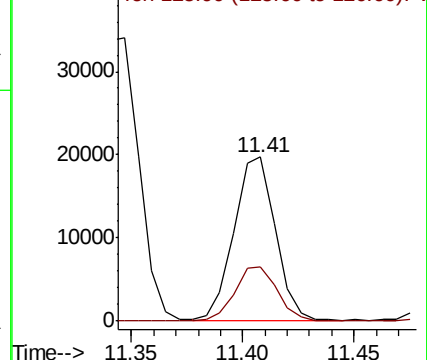
91 100

126 34.0 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.176 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016057.D

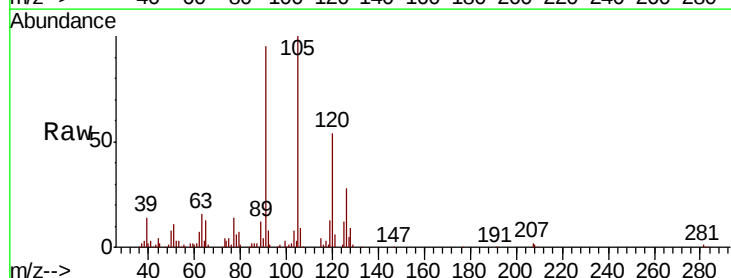
Acq: 05 May 2020 12:41

Tgt Ion: 105 Resp: 29355

Ion Ratio Lower Upper

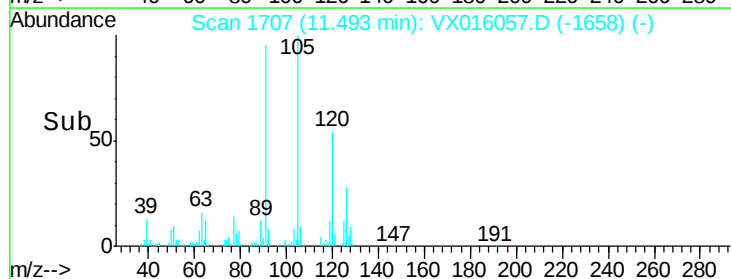
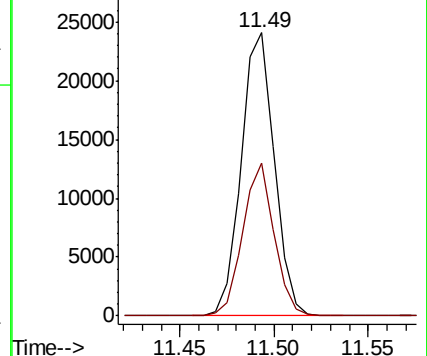
105 100

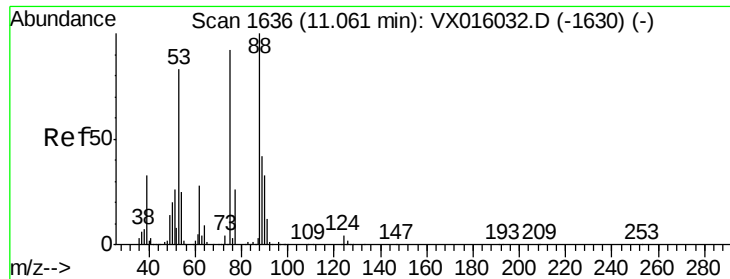
120 51.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

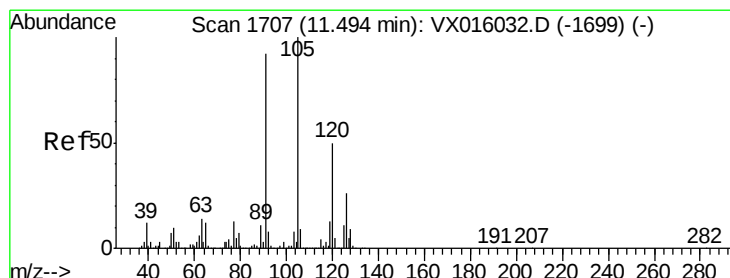
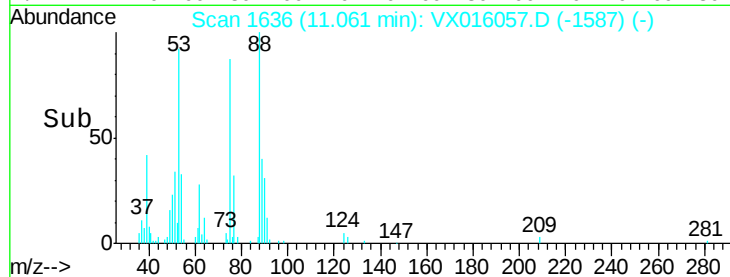
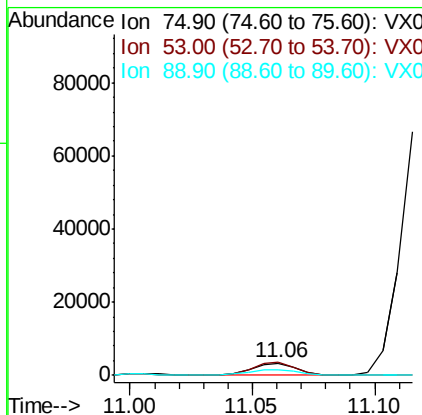
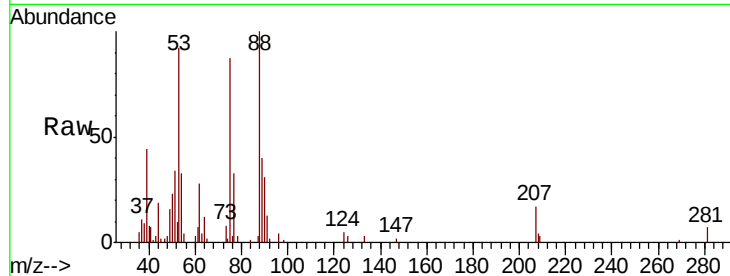




#81
trans-1,4-Dichloro-2-butene
Concen: 2.038 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

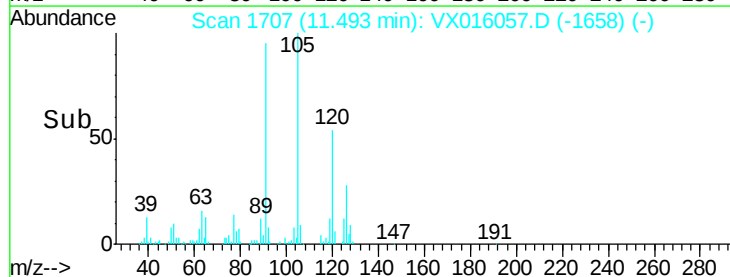
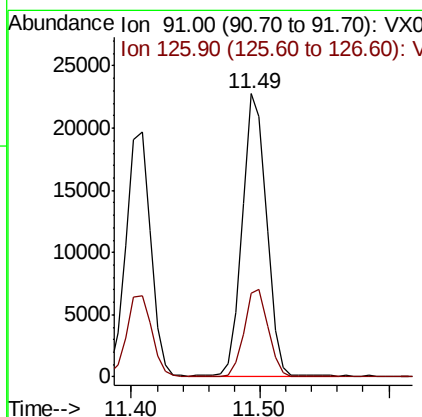
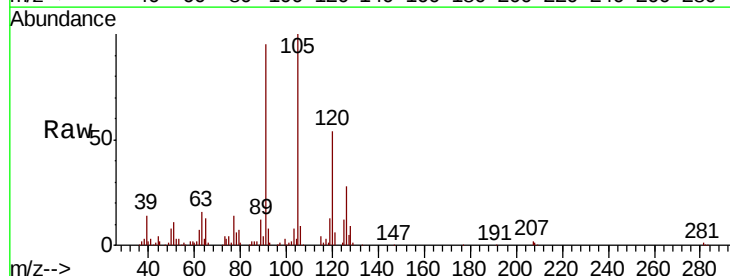
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 4263
Ion Ratio Lower Upper
75 100
53 105.3 73.1 109.7
89 48.0 36.7 55.1



#82
4-Chlorotoluene
Concen: 2.276 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 91 Resp: 29486
Ion Ratio Lower Upper
91 100
126 30.7 14.8 44.3

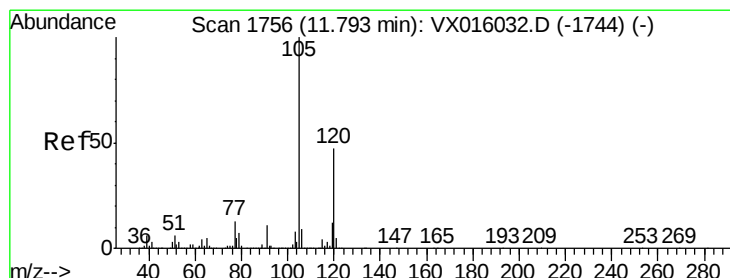
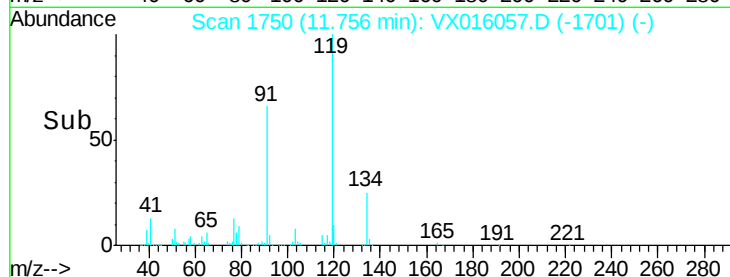
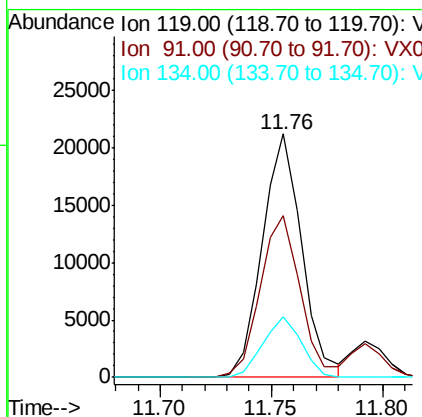
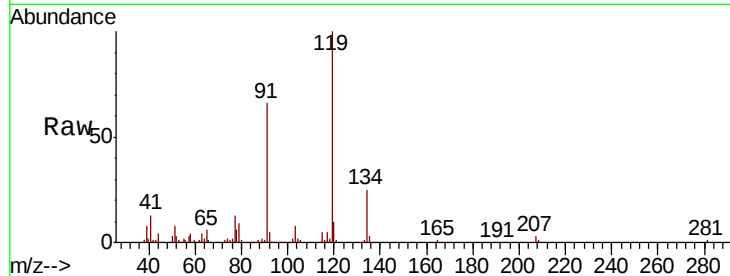




#83
tert-Butylbenzene
Concen: 2.243 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

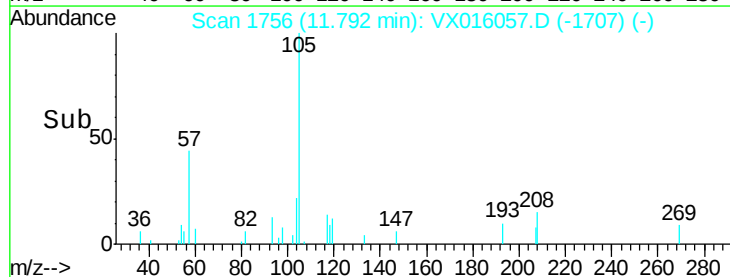
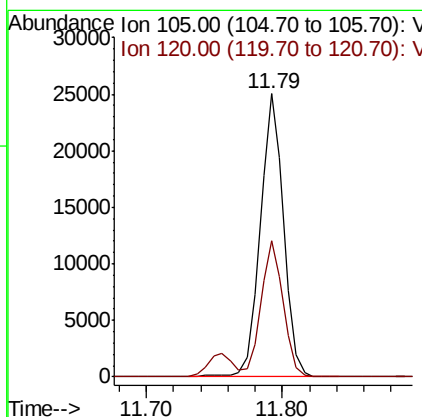
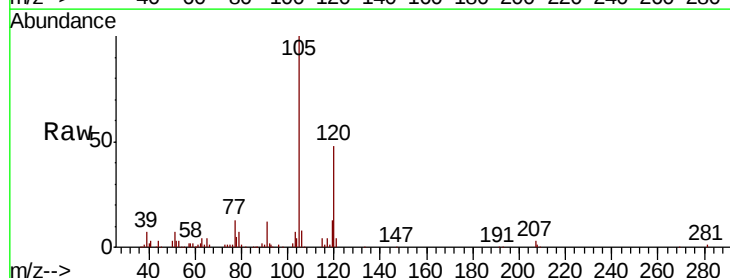
Instrument :
MSVOA_X
ClientSampleId :

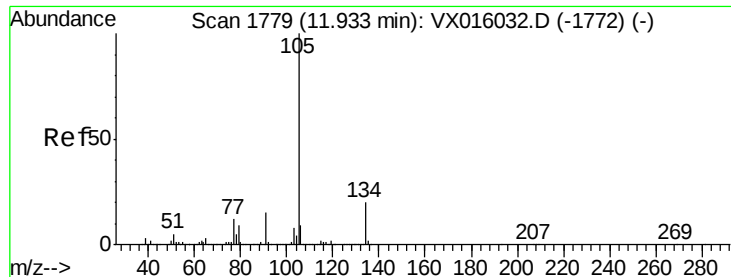
Tot Ion:119 Resp: 26078
Ion Ratio Lower Upper
119 100
91 67.9 32.8 98.4
134 24.5 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 2.210 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion:105 Resp: 30141
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 2.232 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

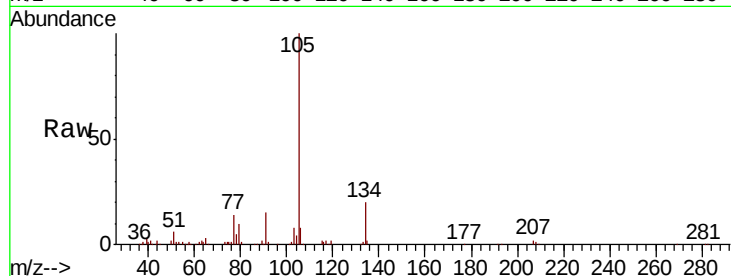
ClientSampleId :

Tot Ion:105 Resp: 35023

Ion Ratio Lower Upper

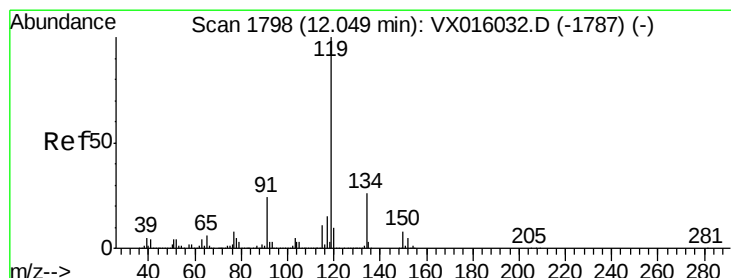
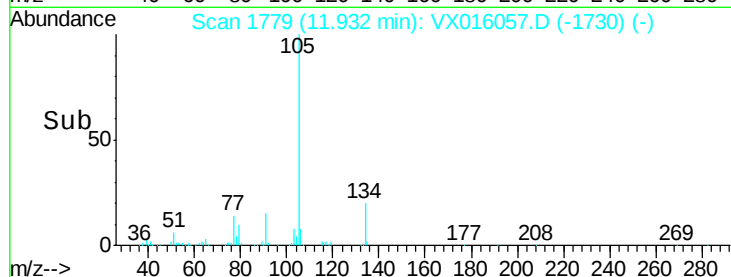
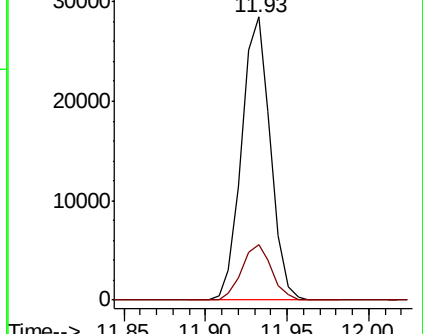
105 100

134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.163 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

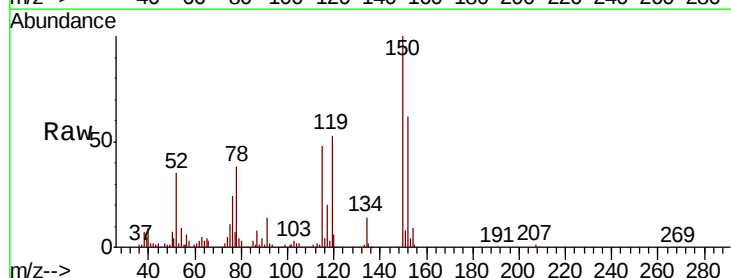
Tgt Ion:119 Resp: 31522

Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

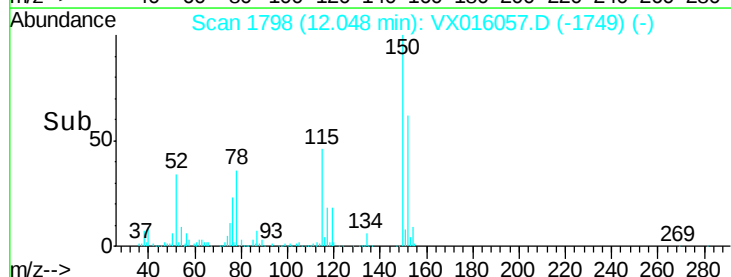
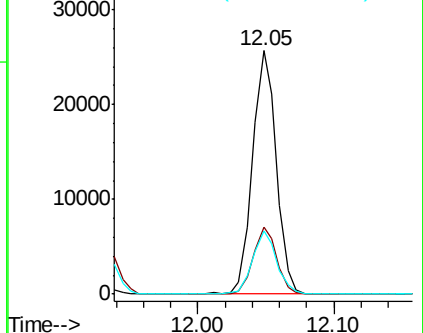
91 26.6 11.8 35.4

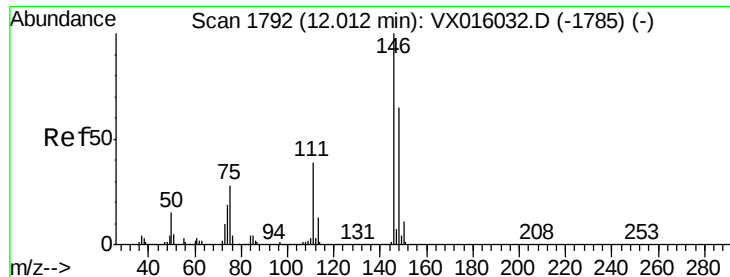


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

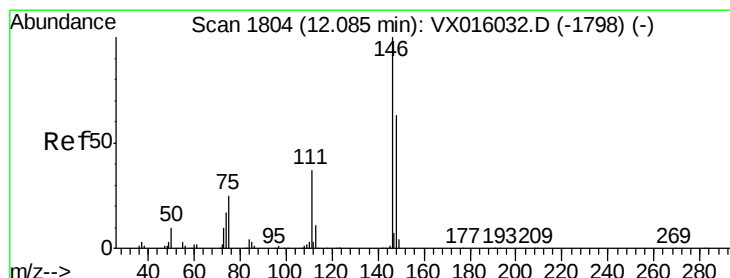
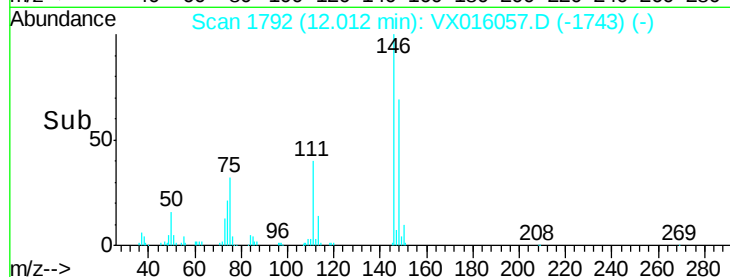
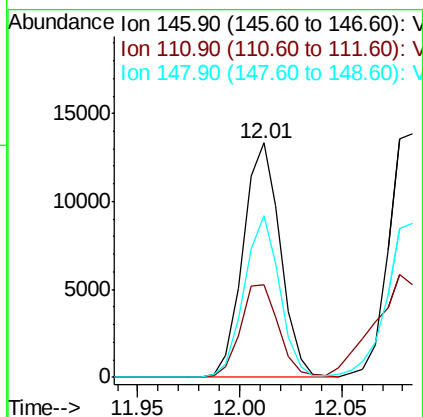
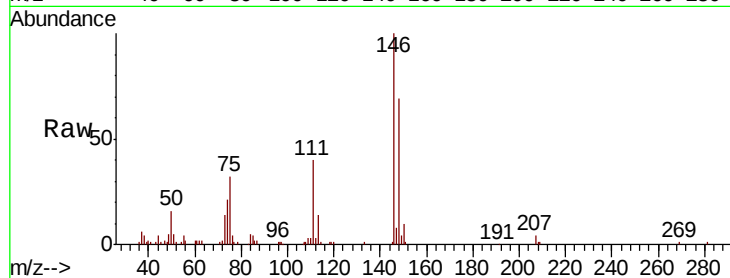




#87
 1,3-Dichlorobenzene
 Concen: 2.273 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

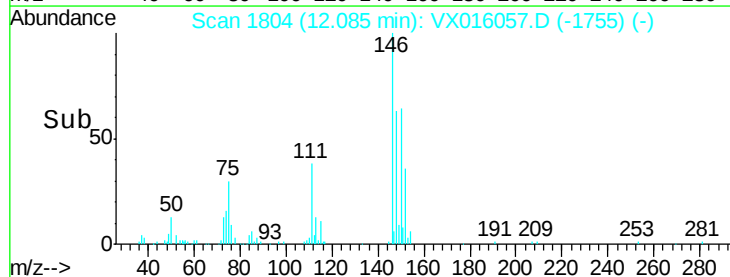
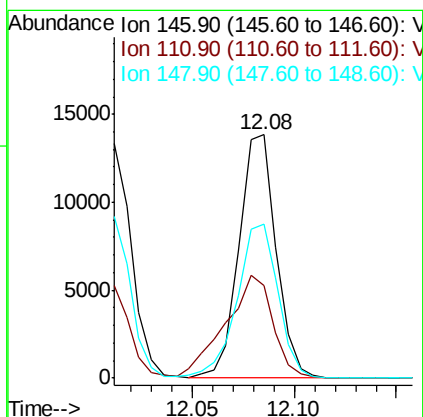
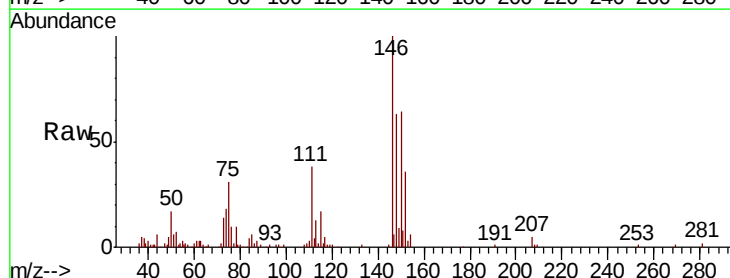
Instrument :
 MSVOA_X
 ClientSampleId :

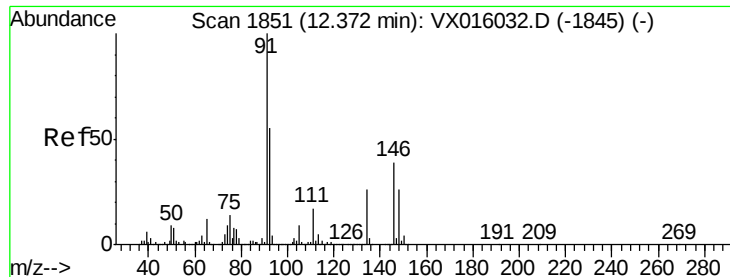
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	65.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 2.331 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.4	19.6	58.7
148	70.0	31.8	95.3

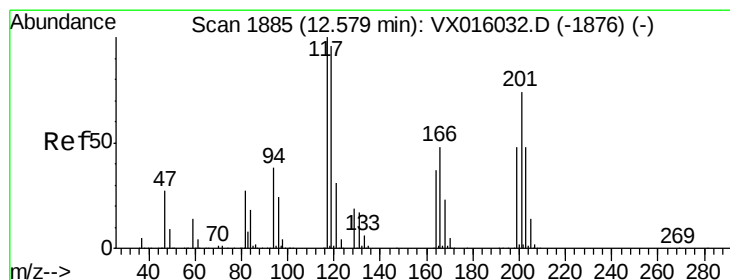
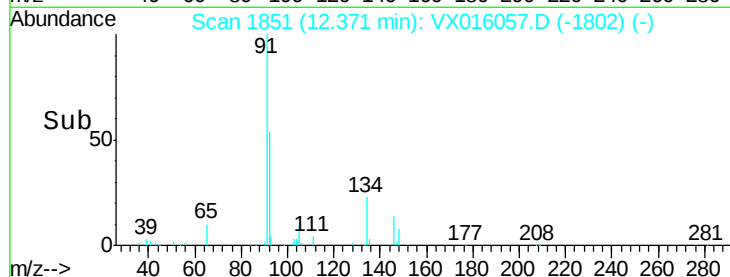
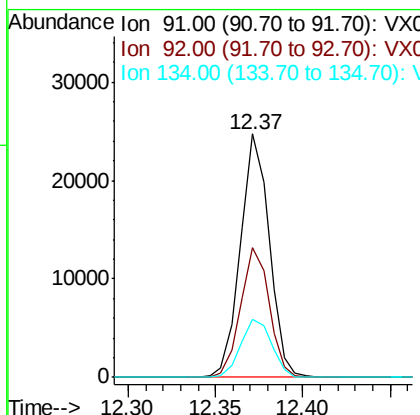
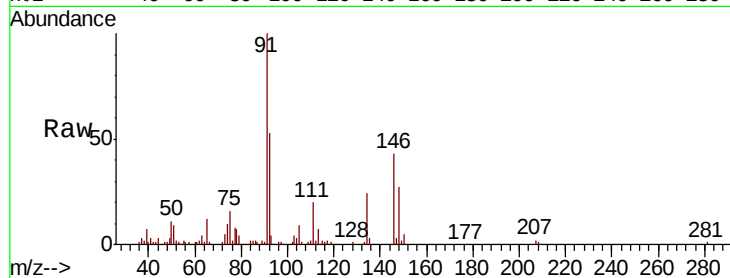




#89
n-Butylbenzene
Concen: 2.140 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

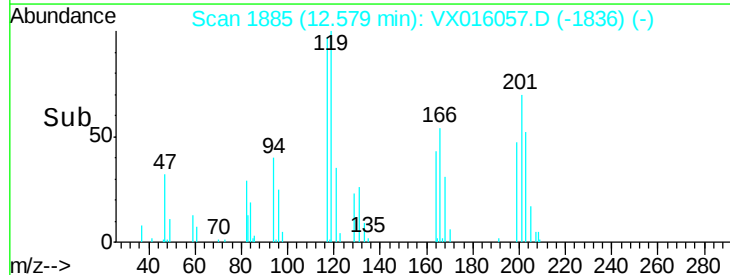
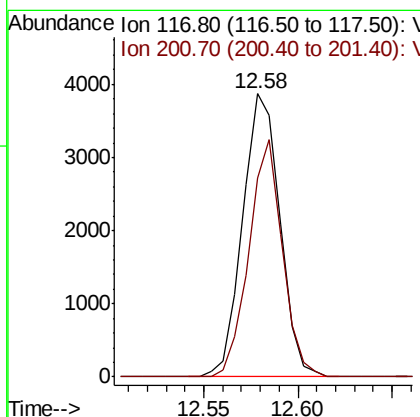
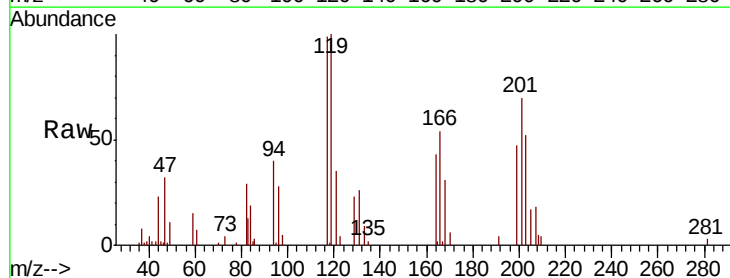
Instrument :
MSVOA_X
ClientSampleId :

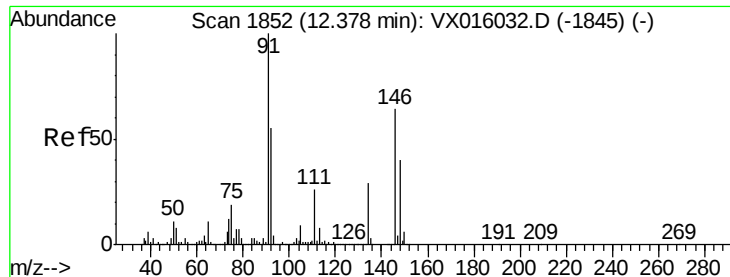
Tot Ion: 91 Resp: 28485
Ion Ratio Lower Upper
91 100
92 52.8 27.6 82.7
134 25.5 13.4 40.1



#90
Hexachloroethane
Concen: 2.119 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 117 Resp: 5304
Ion Ratio Lower Upper
117 100
201 75.5 39.8 119.3

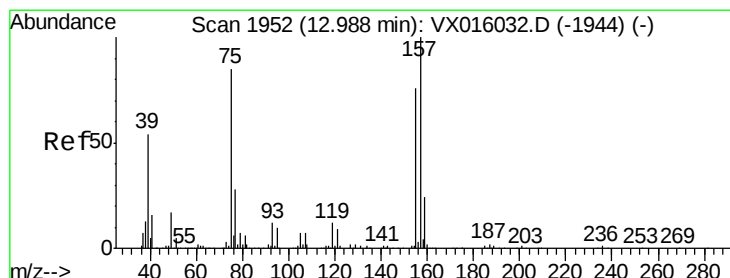
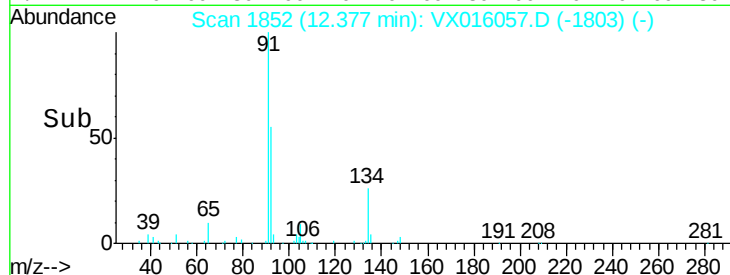
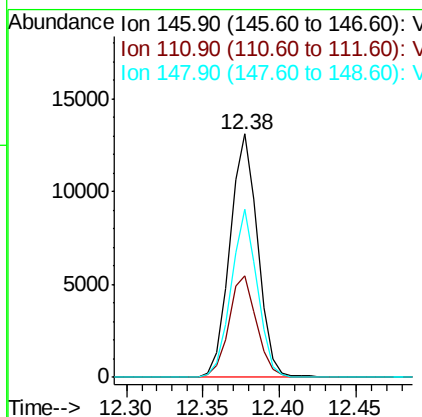
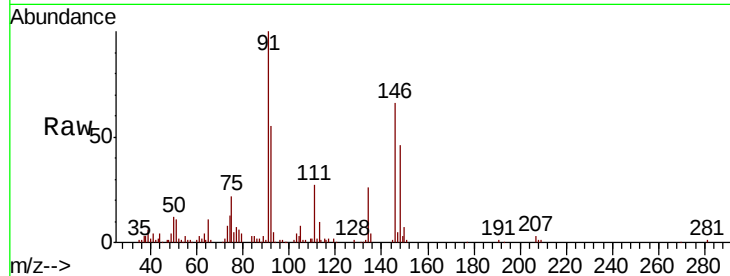




#91
 1,2-Dichlorobenzene
 Concen: 2.305 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

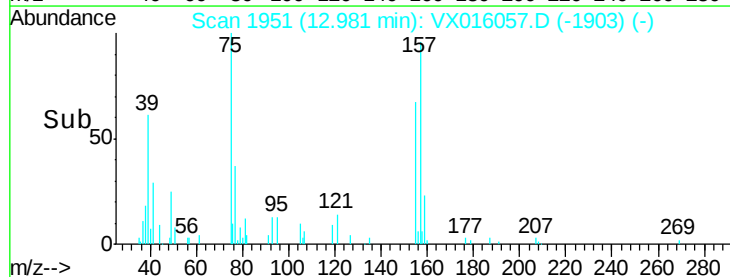
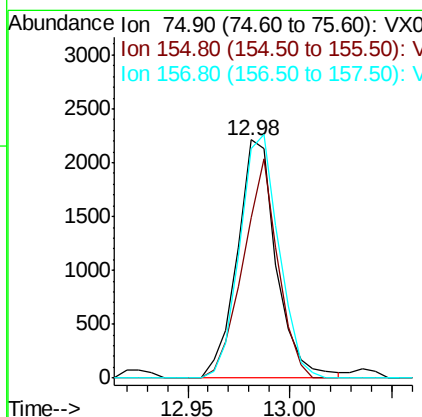
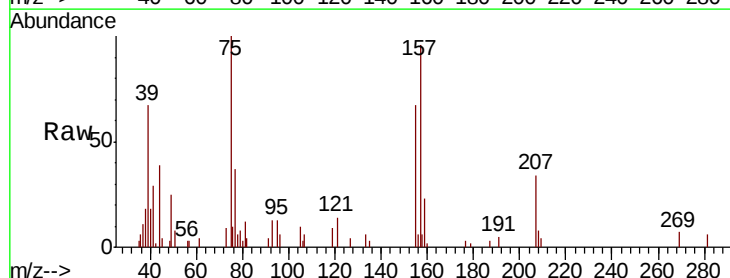
Instrument :
 MSVOA_X
 ClientSampleId :

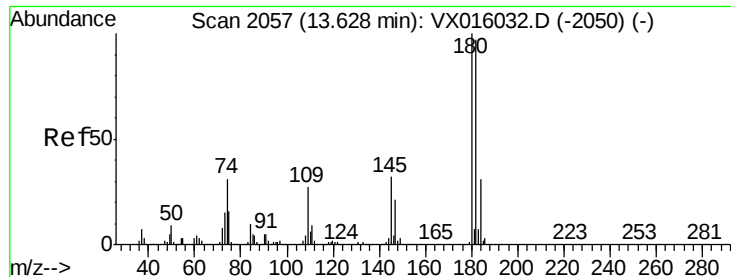
Tot Ion:146 Resp: 16431
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.1
 148 64.6 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.242 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion: 75 Resp: 2945
 Ion Ratio Lower Upper
 75 100
 155 82.0 42.5 127.5
 157 101.7 55.3 165.8

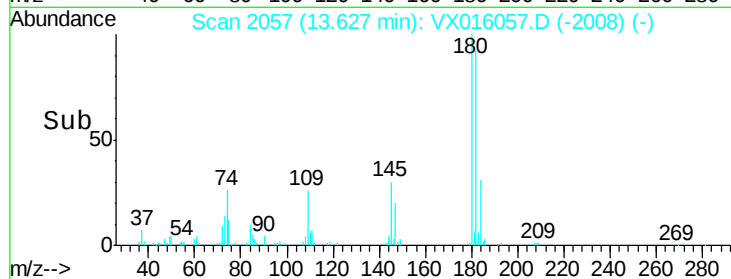
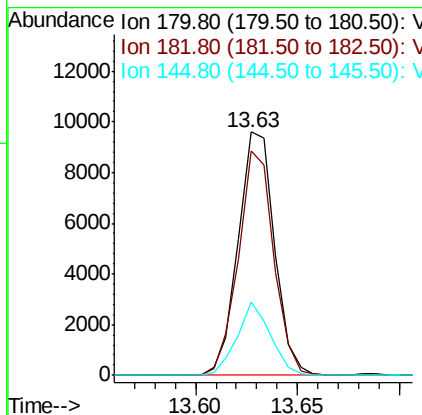
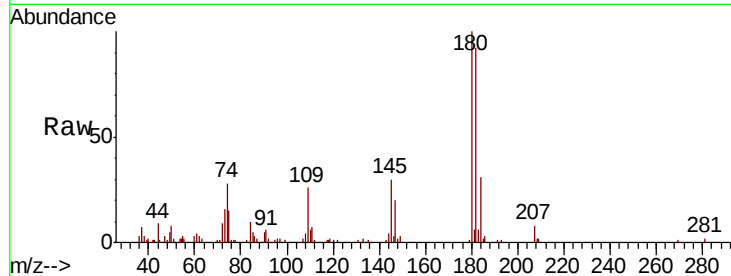




#93
 1,2,4-Trichlorobenzene
 Concen: 2.246 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

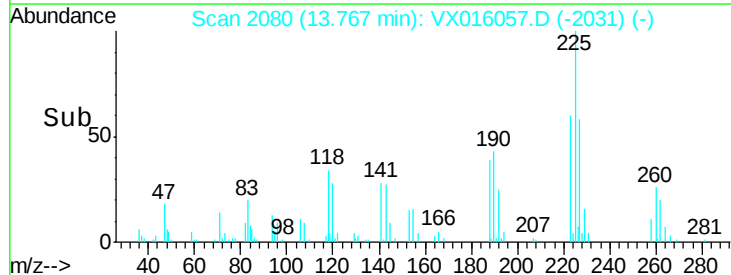
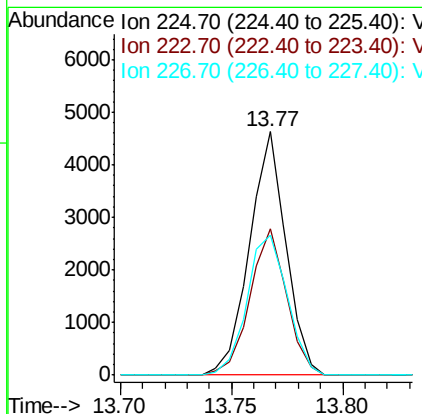
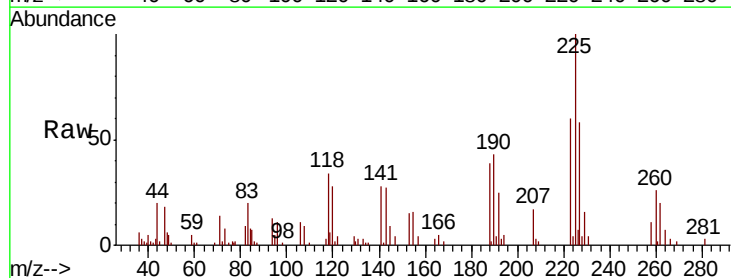
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 11857
 Ion Ratio Lower Upper
 180 100
 182 89.9 48.7 146.1
 145 27.7 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 2.816 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion:225 Resp: 5265
 Ion Ratio Lower Upper
 225 100
 223 60.6 32.3 96.9
 227 63.8 31.8 95.4

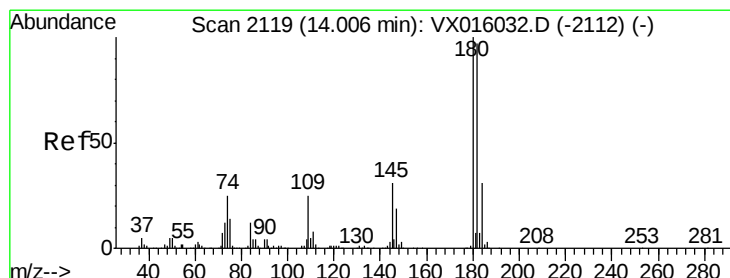
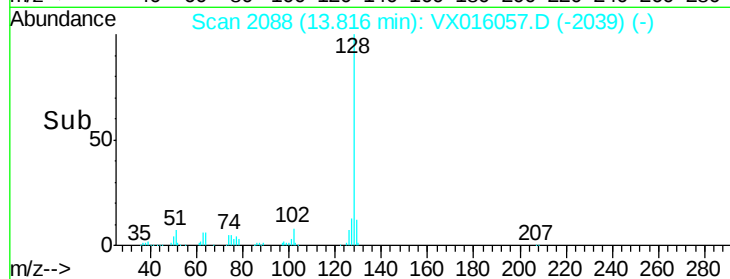
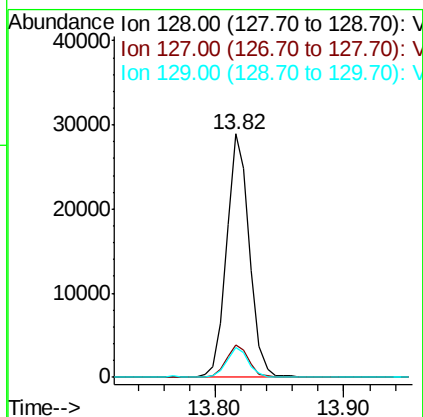
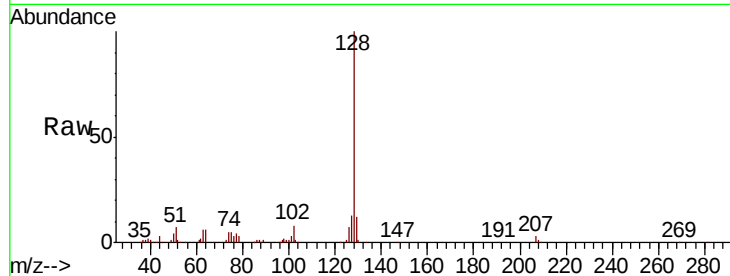




#95
Naphthalene
Concen: 2.104 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.286 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	48.4	145.0
145	30.7	16.4	49.1

