

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016007.D
 Acq On : 01 May 2020 13:24
 Operator : JC/SP
 Sample : VX0501WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 06:50:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	51696	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	292293	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	268013	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	119384	30.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.17%
60) 4-Bromofluorobenzene	11.12	95	131455	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	8.70	98	350425	30.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	71322	20.030	ug/l 98
3) Chloromethane	1.31	50	68895	19.748	ug/l 98
4) Vinyl Chloride	1.39	62	76374	19.268	ug/l 100
5) Bromomethane	1.63	94	51141	21.049	ug/l 99
6) Chloroethane	1.72	64	48790	18.776	ug/l 99
7) Trichlorofluoromethane	1.92	101	107495	18.933	ug/l 100
8) Diethyl Ether	2.17	74	41057	18.118	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56433	19.247	ug/l 99
10) 1,1-Dichloroethene	2.36	96	55869	18.886	ug/l 96
11) Methyl Iodide	2.49	142	72096	17.853	ug/l 98
12) Methyl Acetate	2.75	43	99281	19.223	ug/l 100
13) Acrolein	2.27	56	32398	78.248	ug/l 99
14) Acrylonitrile	3.11	53	176029	92.271	ug/l 100
15) Acetone	2.42	58	47638	94.355	ug/l 98
16) Carbon Disulfide	2.55	76	169343	18.817	ug/l 98
17) Allyl chloride	2.71	41	101757	18.543	ug/l 97
18) Methylene Chloride	2.84	84	62320	18.806	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	60334	18.648	ug/l 97
20) Diisopropyl ether	3.82	45	195333	18.462	ug/l 99
21) 1,1-Dichloroethane	3.67	63	110059	18.655	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	68212	18.578	ug/l 98
23) tert-Butyl Alcohol	3.01	59	87298	93.481	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	198162	18.654	ug/l 99
25) Chloroform	5.17	83	110521	18.445	ug/l 93
26) Cyclohexane	5.54	56	100207	18.574	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	85715	18.645	ug/l 98
30) 2-Butanone	4.63	43	250505	91.451	ug/l 99
31) 2,2-Dichloropropane	4.55	77	99980	18.071	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	102154	18.318	ug/l 99
33) Carbon Tetrachloride	5.76	117	88964	17.917	ug/l 98
34) Benzene	6.11	78	248112	18.478	ug/l 97
35) Methacrylonitrile	5.00	41	53742	18.474	ug/l 97
36) 1,2-Dichloroethane	6.16	62	93757	18.284	ug/l 99
37) Trichloroethene	7.19	130	91515	19.159	ug/l 99
38) Methylcyclohexane	7.44	83	104386	18.581	ug/l 100
39) 1,2-Dichloropropane	7.49	63	63163	18.325	ug/l 92
40) Dibromomethane	7.64	93	43415	18.139	ug/l 99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 06:50:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	87331	17.700	ug/l	99
42) Vinyl Acetate	3.78	43	812359	89.641	ug/l	100
43) Ethyl Acetate	4.79	43	97885	18.116	ug/l	99
44) Isopropyl Acetate	6.41	43	158637	18.092	ug/l	99
45) 1,4-Dioxane	7.71	88	34561	373.147	ug/l	99
46) Methyl methacrylate	7.74	41	74088	17.823	ug/l	97
47) n-amyl Acetate	10.88	43	131056	17.093	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	101822	17.771	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	106963	18.069	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	59383	17.607	ug/l	96
51) Ethyl methacrylate	9.16	69	97802	17.561	ug/l	97
52) 1,3-Dichloropropane	9.35	76	105364	18.071	ug/l	99
53) Dibromochloromethane	9.57	129	66560	17.346	ug/l	100
54) 1,2-Dibromoethane	9.65	107	66223	17.865	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	266435	87.934	ug/l	100
56) Bromoform	10.84	173	47678	16.491	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	482365	91.266	ug/l	99
59) 2-Hexanone	9.47	43	369806	90.584	ug/l	99
61) Tetrachloroethene	9.32	164	99794	18.823	ug/l	92
62) Toluene	8.76	91	263182	18.381	ug/l	99
64) Chlorobenzene	10.12	112	165541	18.157	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	60963	17.614	ug/l	98
66) Ethyl Benzene	10.24	91	298592	18.313	ug/l	99
67) m/p-Xylenes	10.34	106	226303	36.435	ug/l	98
68) o-Xylene	10.68	106	107302	17.915	ug/l	99
69) Styrene	10.70	104	179522	17.513	ug/l	99
70) Isopropylbenzene	11.00	105	289112	17.878	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	46563	15.489	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	119460	24.535	ug/l	81
73) Bromobenzene	11.24	156	72927	17.896	ug/l	99
74) n-propylbenzene	11.34	91	340196	18.112	ug/l	99
75) 2-Chlorotoluene	11.40	91	197031	17.851	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	240688	17.534	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	35896	17.146	ug/l	99
78) 4-Chlorotoluene	11.49	91	233327	17.859	ug/l	100
79) tert-butylbenzene	11.76	119	207892	17.733	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	243865	17.783	ug/l	100
81) sec-Butylbenzene	11.93	105	282089	17.840	ug/l	100
82) p-Isopropyltoluene	12.05	119	260724	17.794	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	132009	17.968	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	132115	18.097	ug/l	99
85) n-Butylbenzene	12.37	91	238303	17.804	ug/l	98
86) Hexachloroethane	12.58	117	44548	17.270	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	127457	17.937	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21686	17.239	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	90532	17.298	ug/l	96
90) Hexachlorobutadiene	13.77	225	40117	17.835	ug/l	94
91) Naphthalene	13.82	128	295486	17.734	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	90561	18.011	ug/l	96

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ClientSampleId :

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

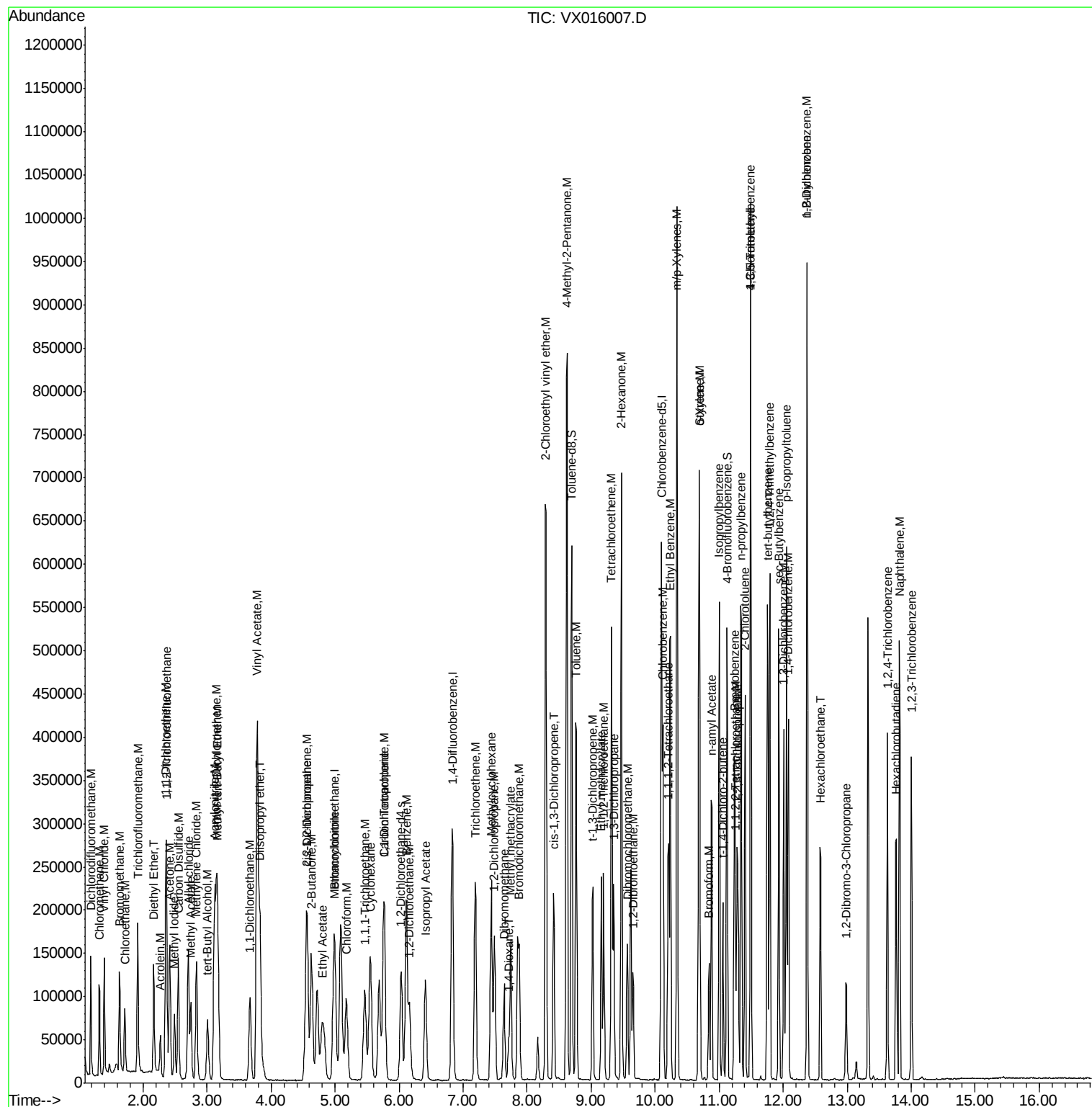
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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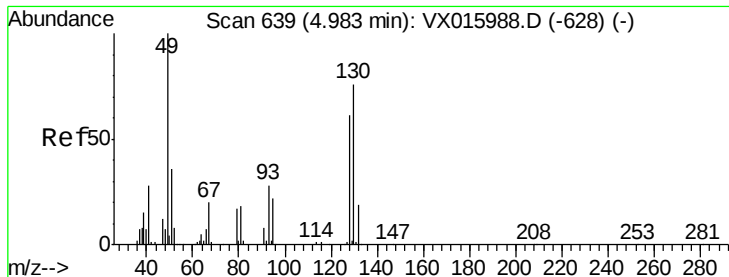
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050120\
Data File : VX016007.D
Acq On : 01 May 2020 13:24
Operator : JC/SP
Sample : VX0501WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: May 02 06:50:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :

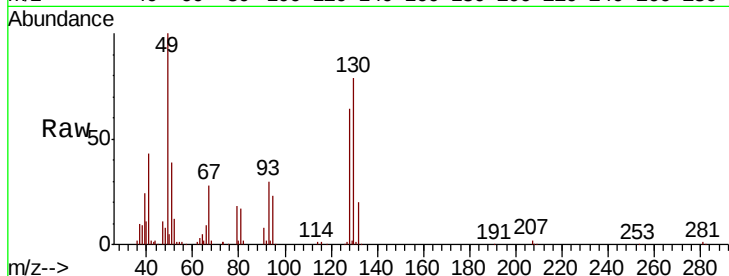
Tot Ion:128 Resp: 51696

Ion Ratio Lower Upper

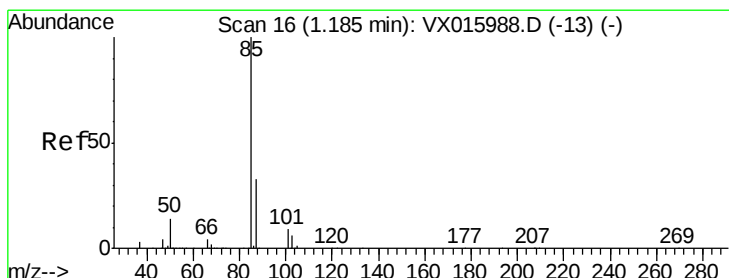
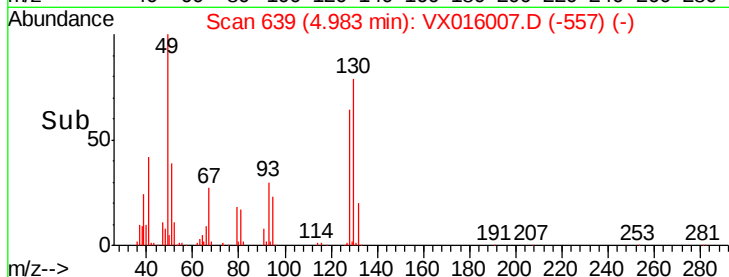
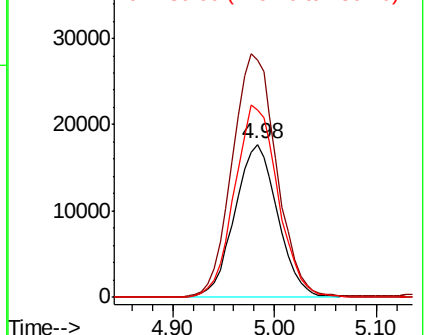
128 100

49 164.7 0.0 418.5

130 127.9 0.0 326.3



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



#2

Dichlorodifluoromethane

Concen: 20.030 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016007.D

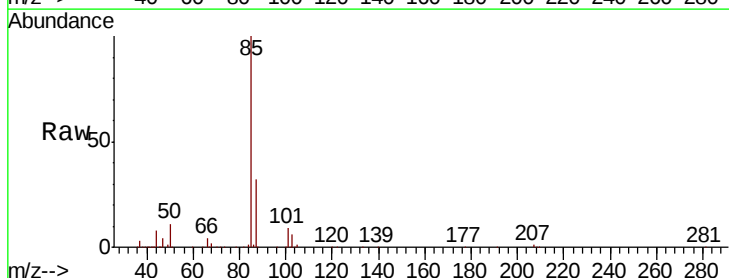
Acq: 01 May 2020 13:24

Tgt Ion: 85 Resp: 71322

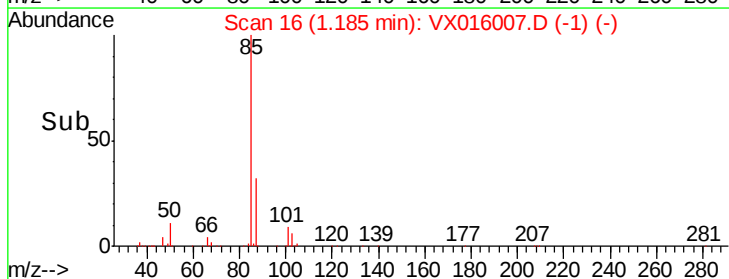
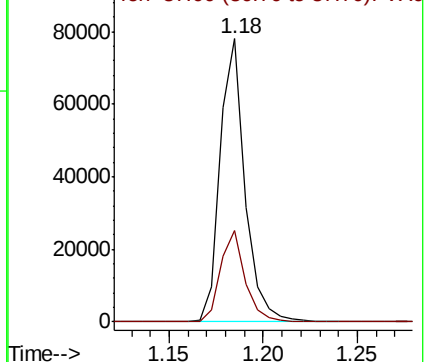
Ion Ratio Lower Upper

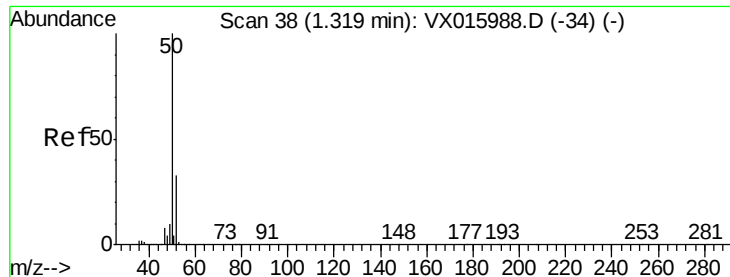
85 100

87 32.2 16.6 49.7



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





#3

Chloromethane

Concen: 19.748 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

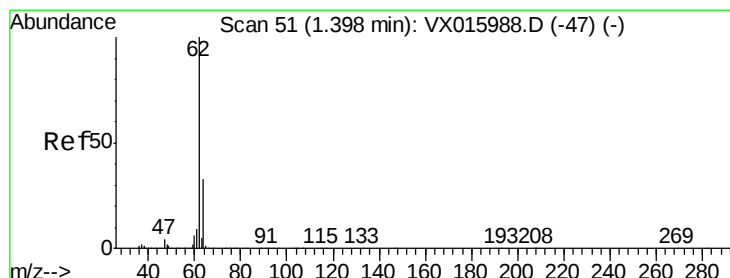
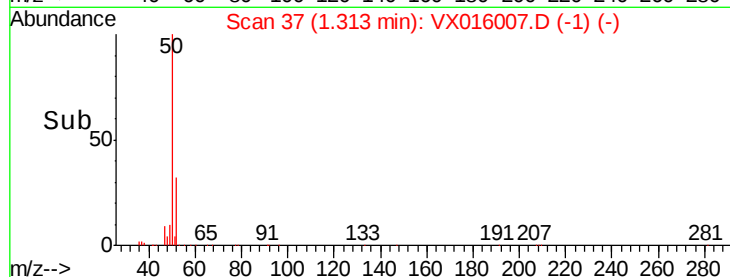
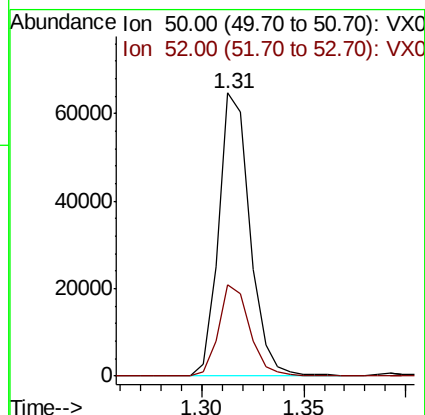
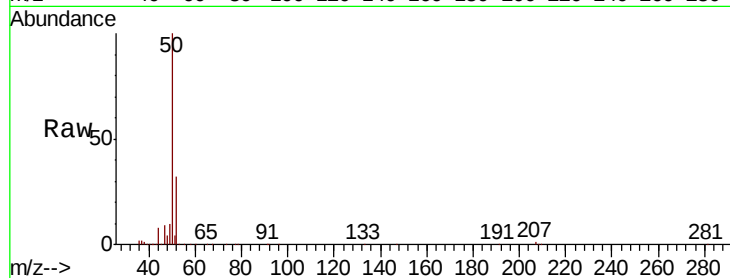
ClientSampleId :

Tot Ion: 50 Resp: 68895

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 19.268 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016007.D

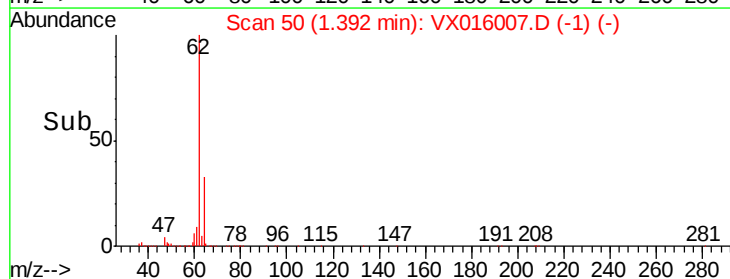
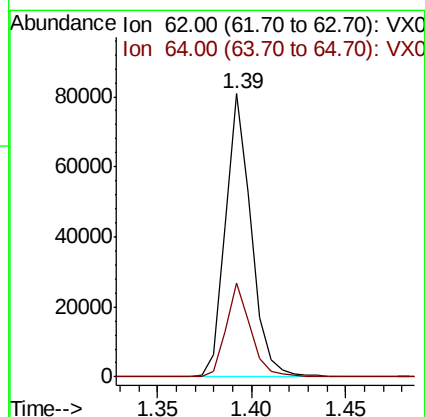
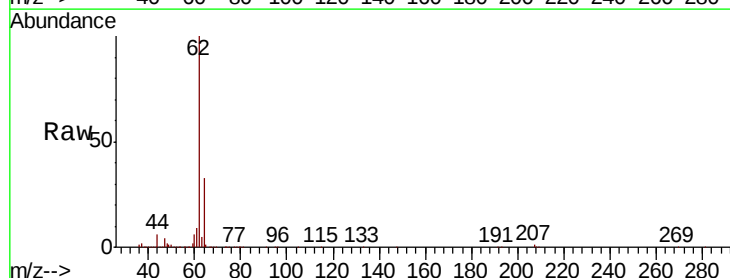
Acq: 01 May 2020 13:24

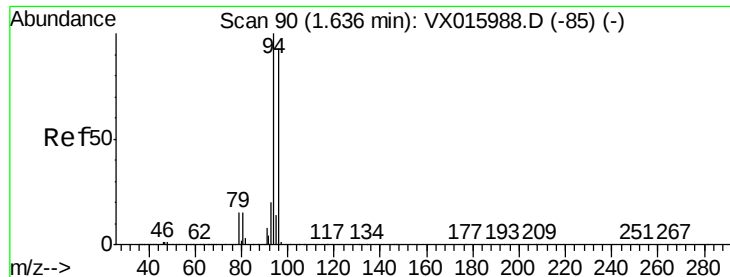
Tgt Ion: 62 Resp: 76374

Ion Ratio Lower Upper

62 100

64 33.1 26.3 39.5





#5

Bromomethane

Concen: 21.049 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

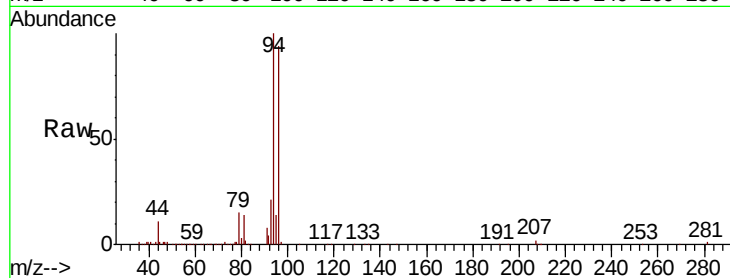
ClientSampleId :

Tot Ion: 94 Resp: 51141

Ion Ratio Lower Upper

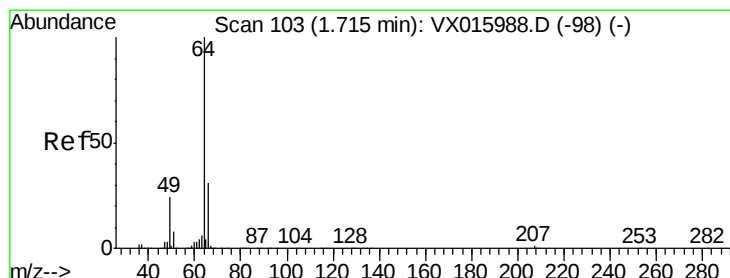
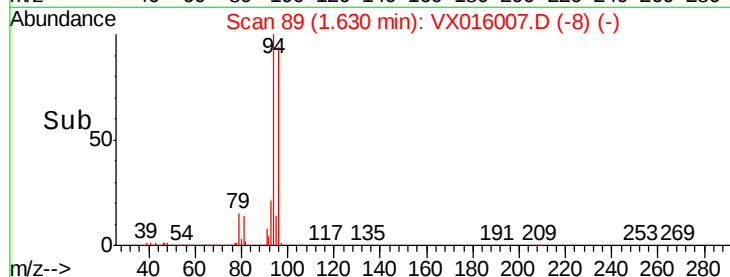
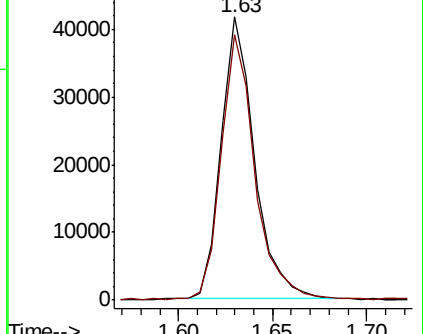
94 100

96 93.7 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.776 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016007.D

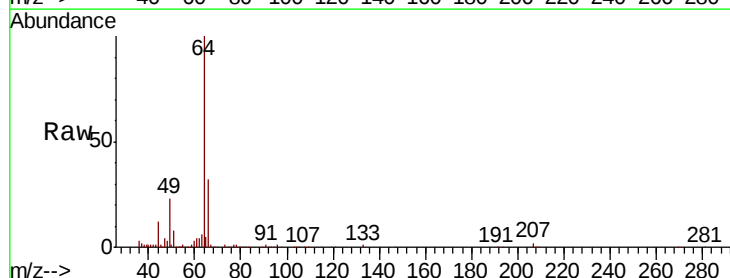
Acq: 01 May 2020 13:24

Tgt Ion: 64 Resp: 48790

Ion Ratio Lower Upper

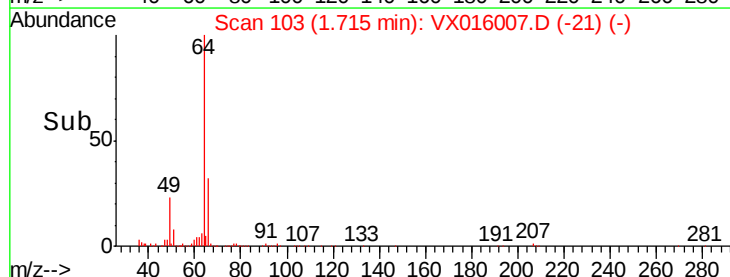
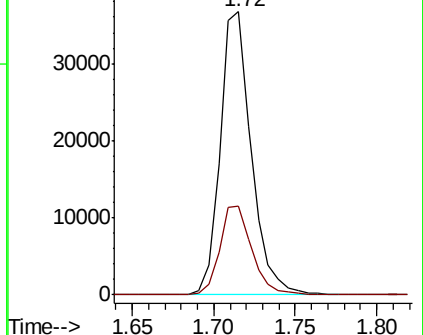
64 100

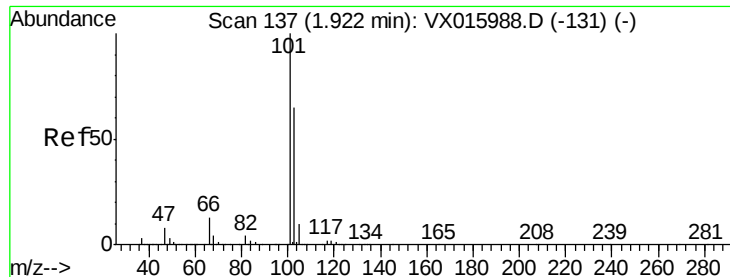
66 31.4 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



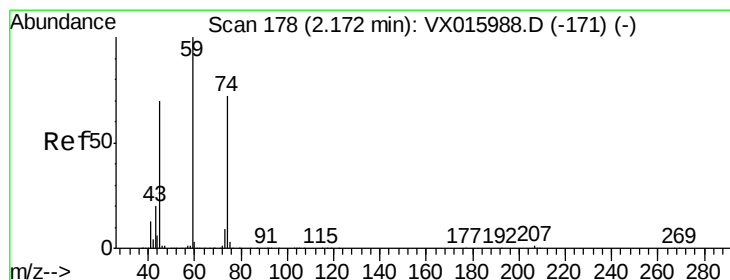
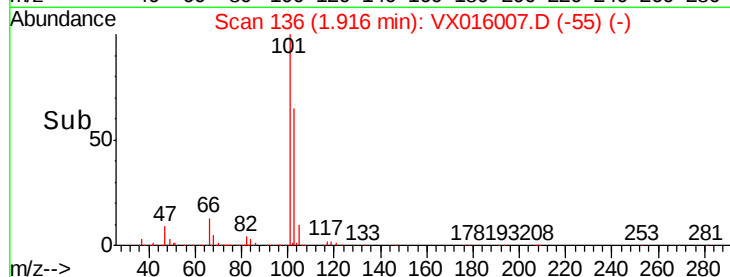
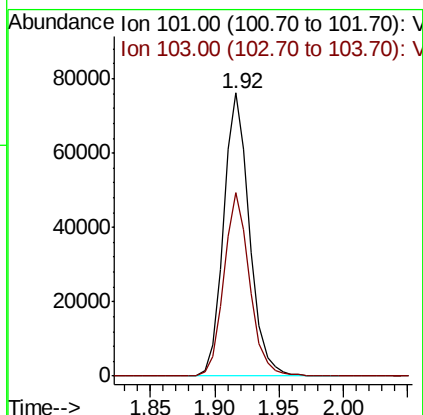
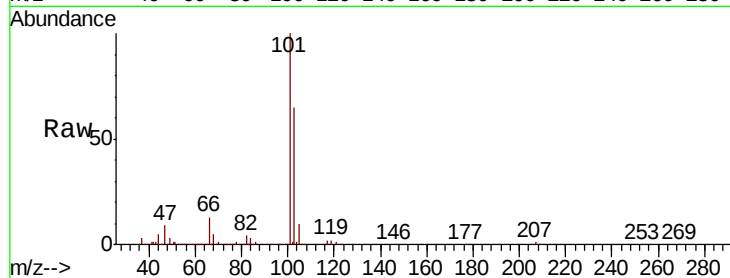


#7

Trichlorofluoromethane
Concen: 18.933 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :

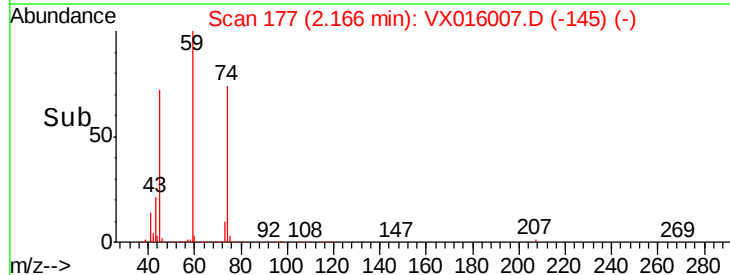
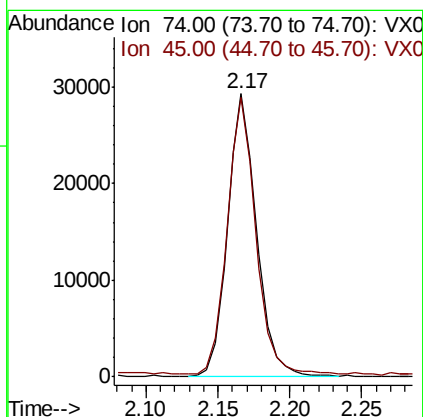
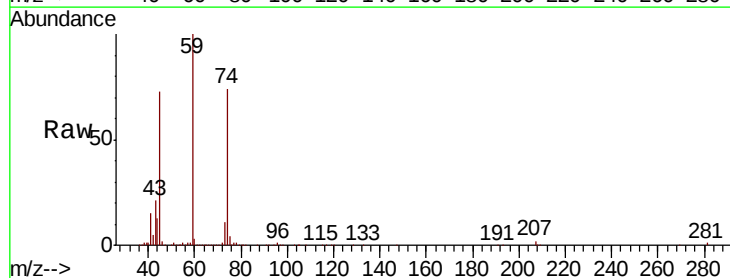
Tot Ion:101 Resp: 107495
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

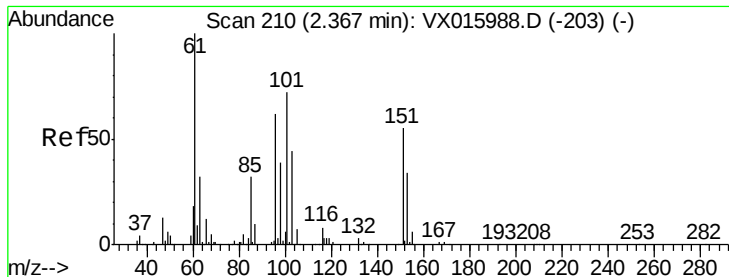


#8

Diethyl Ether
Concen: 18.118 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion: 74 Resp: 41057
Ion Ratio Lower Upper
74 100
45 97.8 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.247 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

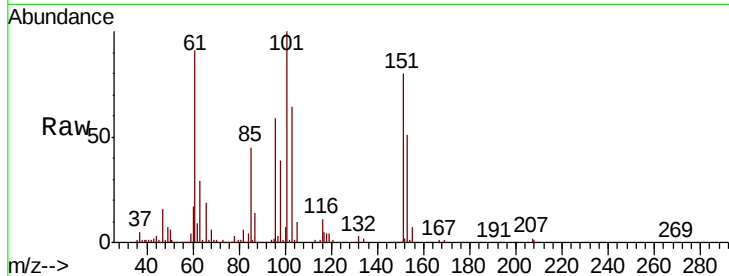
Tot Ion: 101 Resp: 56433

Ion Ratio Lower Upper

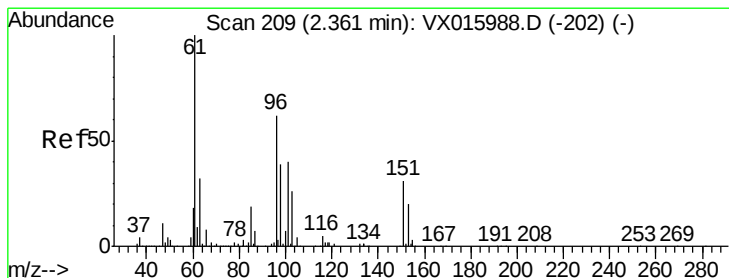
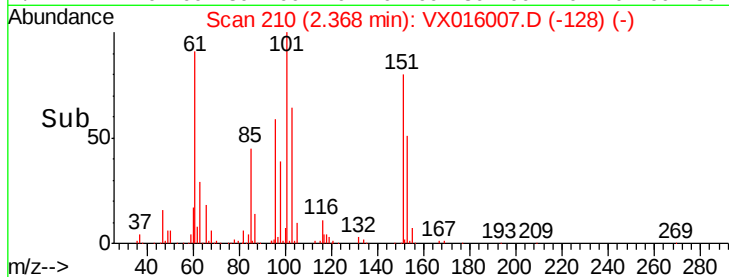
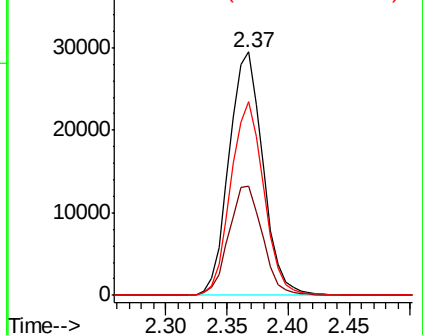
101 100

85 44.8 0.0 90.6

151 78.1 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VX0
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.886 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

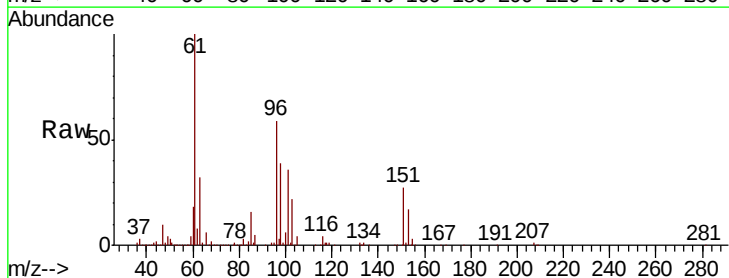
Tgt Ion: 96 Resp: 55869

Ion Ratio Lower Upper

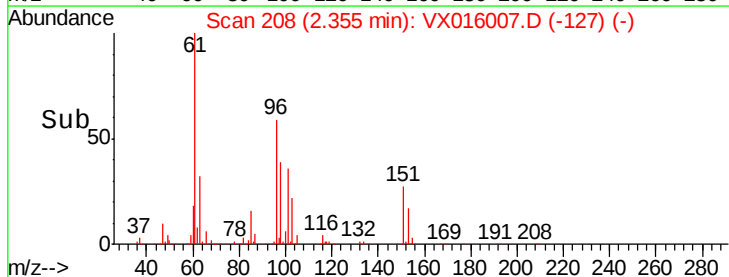
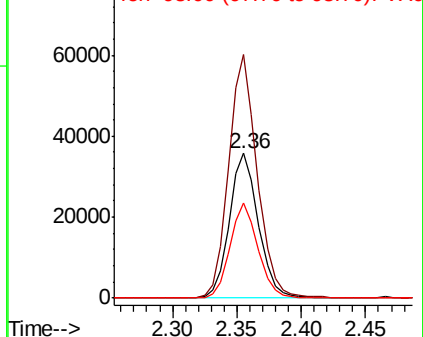
96 100

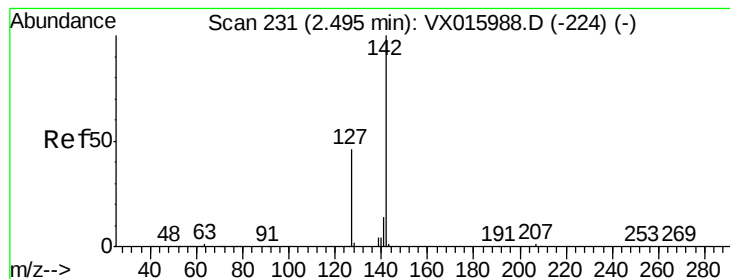
61 168.9 129.8 194.8

98 66.1 51.1 76.7



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

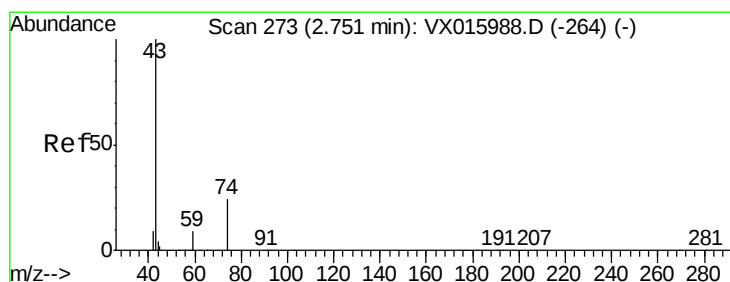
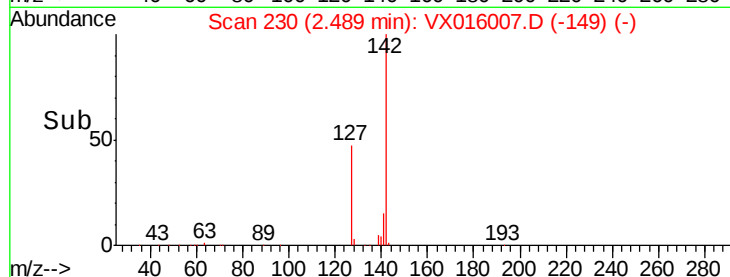
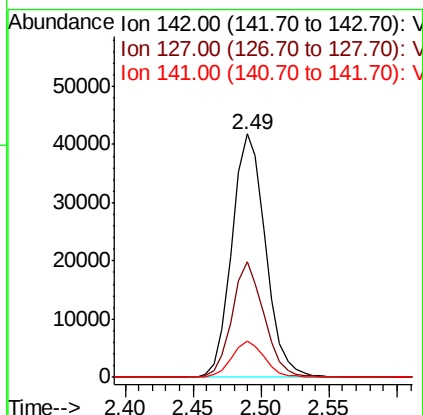
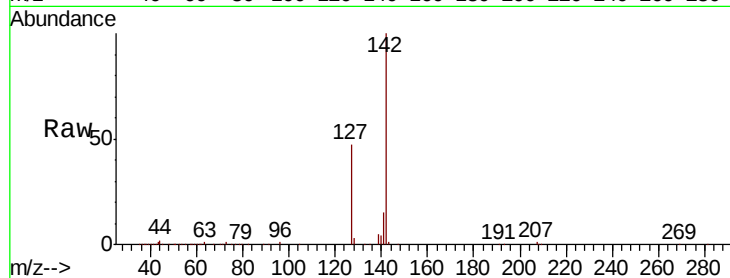




#11
Methvl Iodide
Concen: 17.853 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

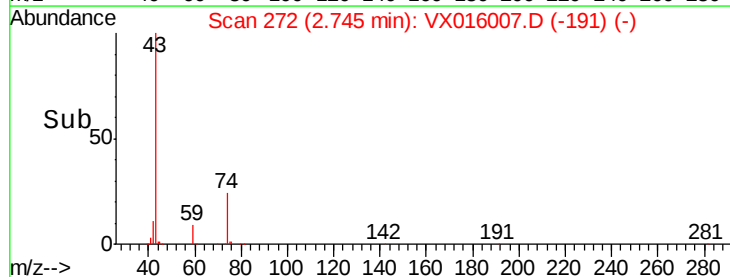
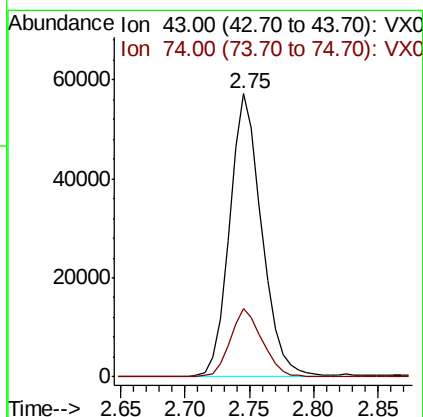
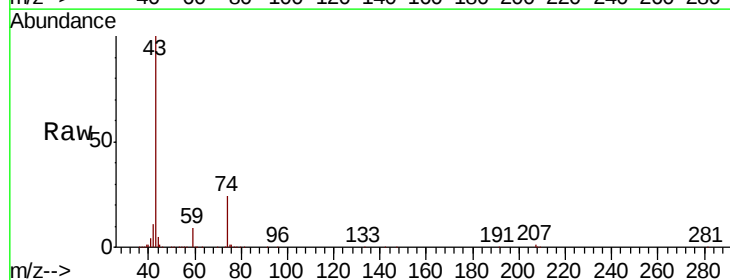
Instrument :
MSVOA_X
ClientSampled :

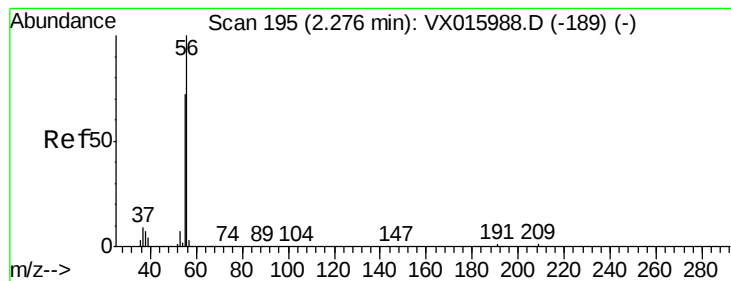
Tot Ion:142 Resp: 72096
Ion Ratio Lower Upper
142 100
127 47.3 22.8 68.4
141 15.0 7.0 21.1



#12
Methyl Acetate
Concen: 19.223 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion: 43 Resp: 99281
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4





#13

Acrolein

Concen: 78.248 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

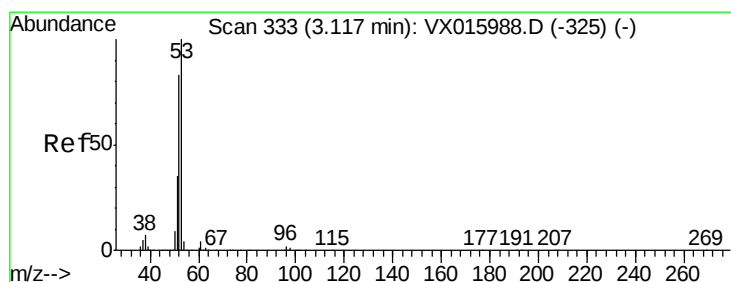
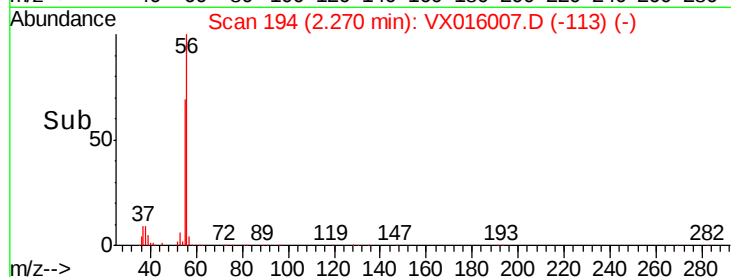
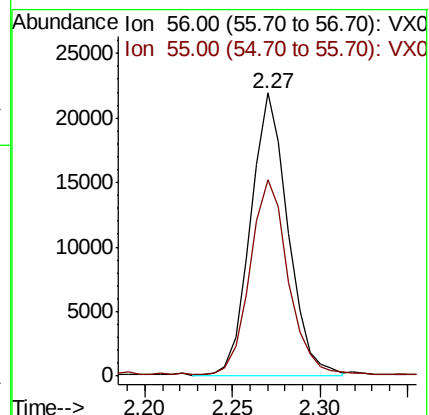
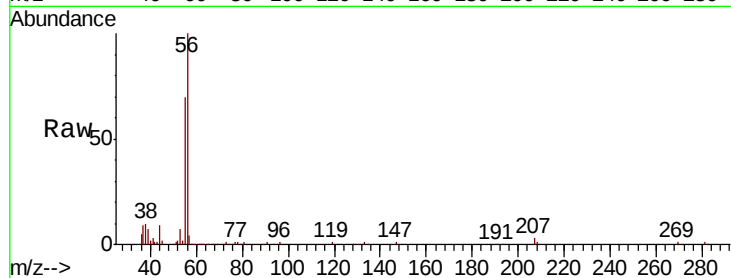
ClientSampleId :

Tot Ion: 56 Resp: 32398

Ion Ratio Lower Upper

56 100

55 71.0 56.2 84.4



#14

Acrylonitrile

Concen: 92.271 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

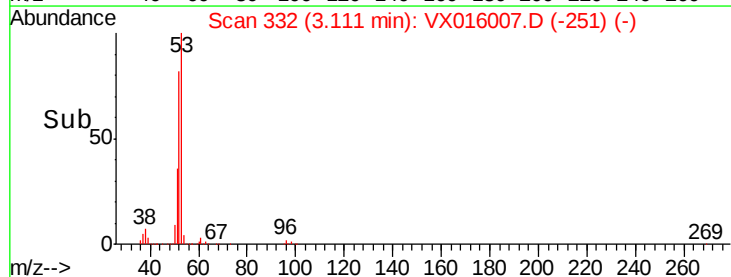
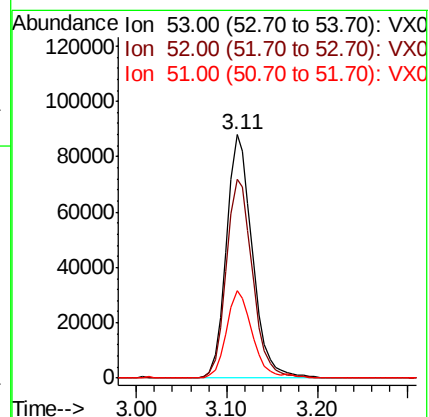
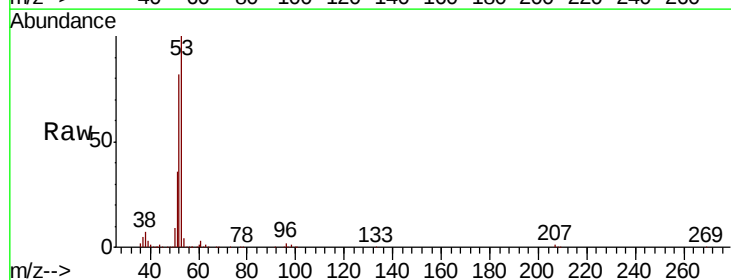
Tgt Ion: 53 Resp: 176029

Ion Ratio Lower Upper

53 100

52 82.7 41.2 123.6

51 36.1 17.8 53.5





#15

Acetone

Concen: 94.355 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

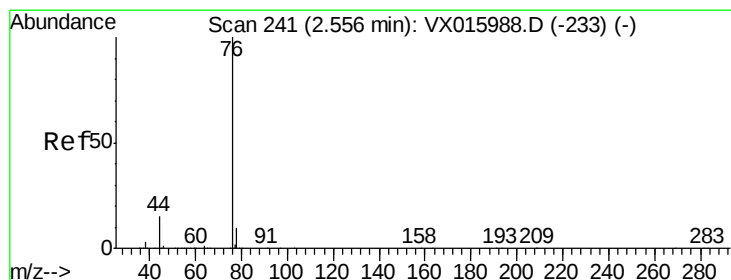
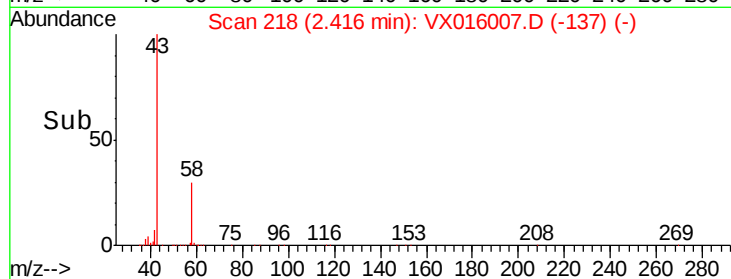
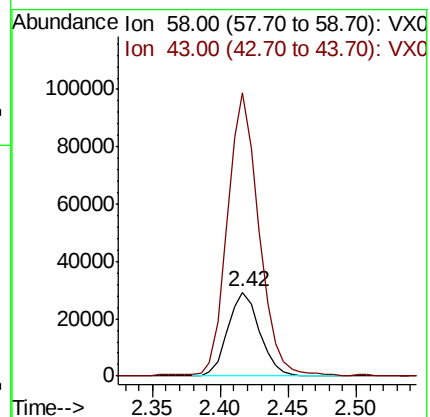
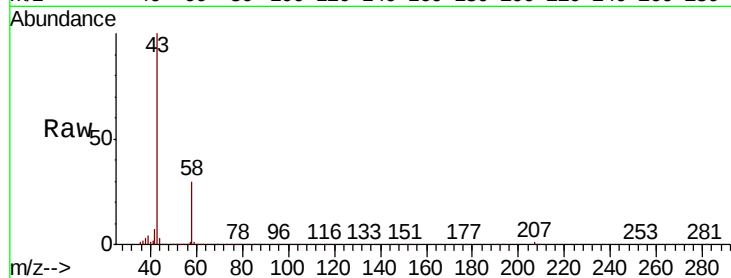
ClientSampled :

Tot Ion: 58 Resp: 47638

Ion Ratio Lower Upper

58 100

43 335.3 264.2 396.2



#16

Carbon Disulfide

Concen: 18.817 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX016007.D

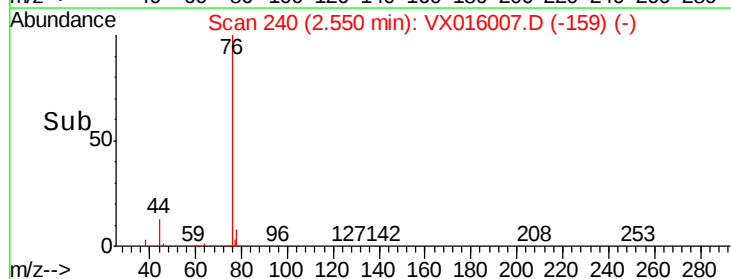
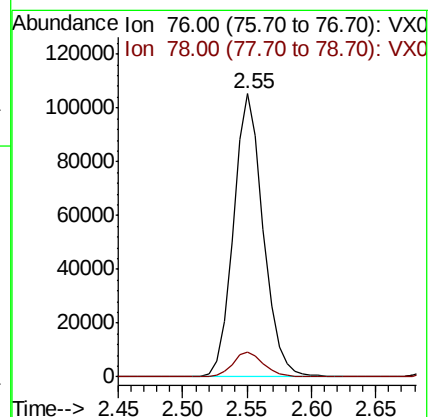
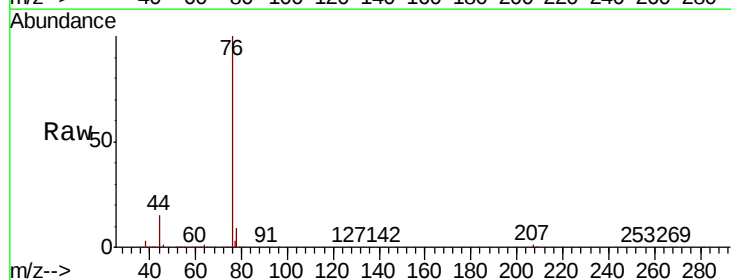
Acq: 01 May 2020 13:24

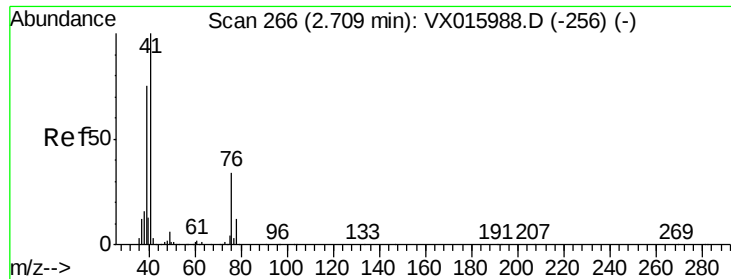
Tgt Ion: 76 Resp: 169343

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

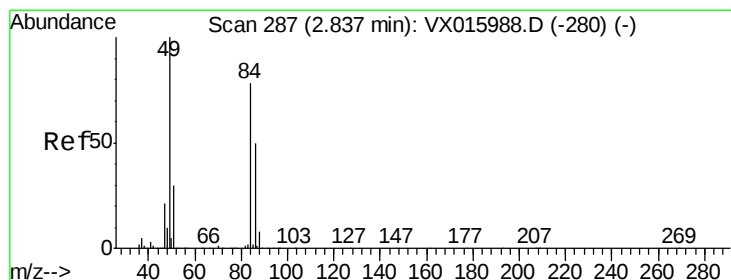
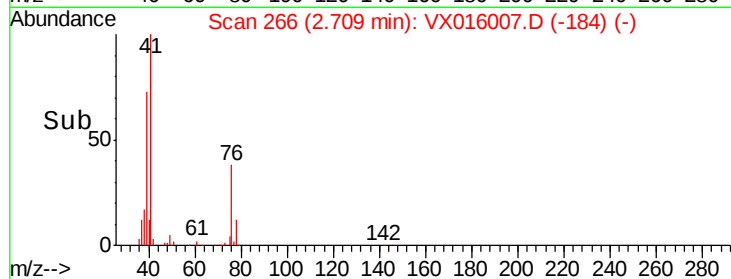
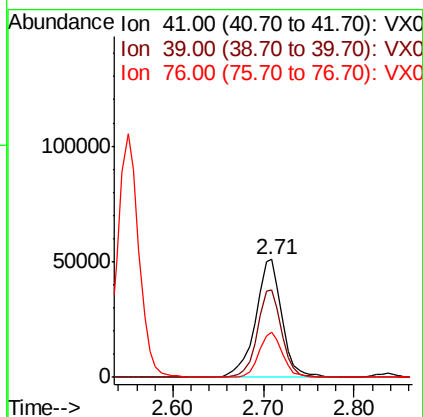
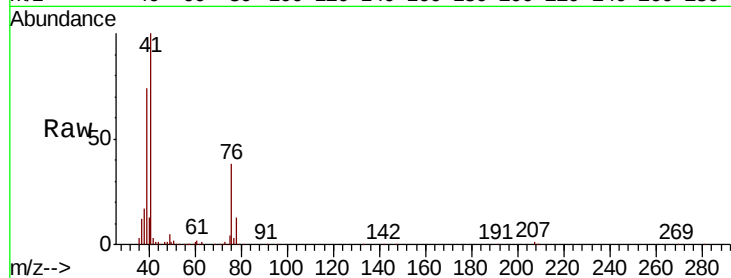




#17
 Allvl chloride
 Concen: 18.543 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

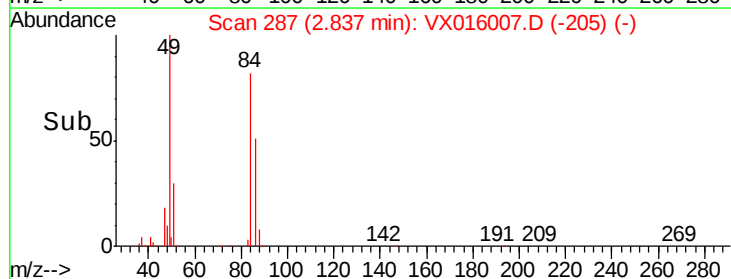
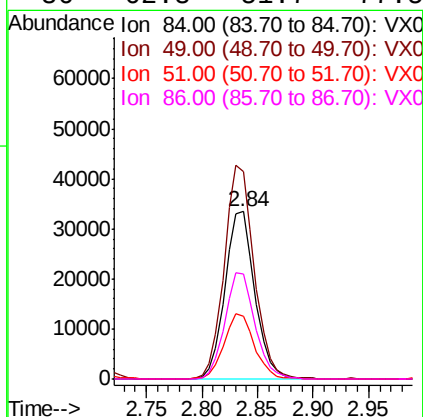
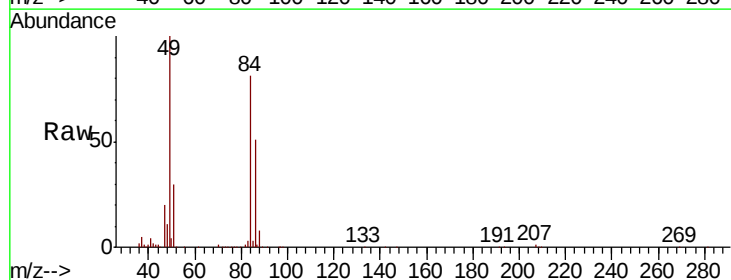
Instrument :
 MSVOA_X
 ClientSampled :

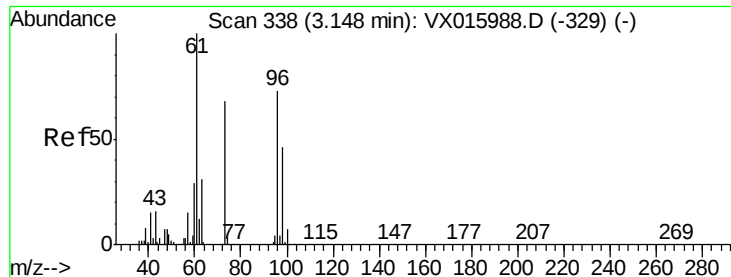
Tot Ion	Ratio	Lower	Upper
41	100		
39	73.7	37.6	112.8
76	38.0	17.2	51.5



#18
 Methylene Chloride
 Concen: 18.806 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	103.0	154.4
51	37.2	31.4	47.0
86	62.8	51.7	77.5

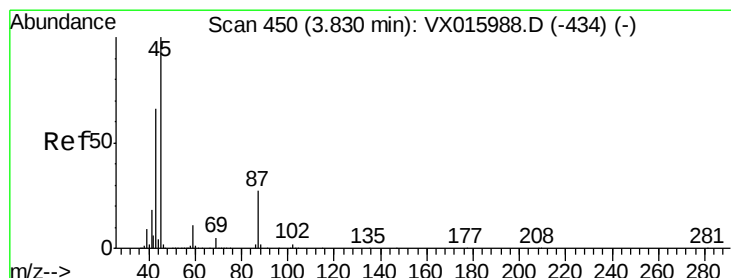
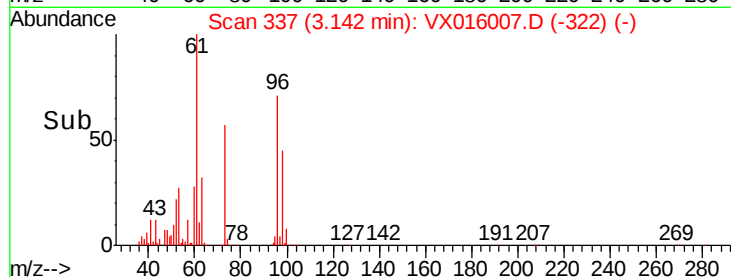
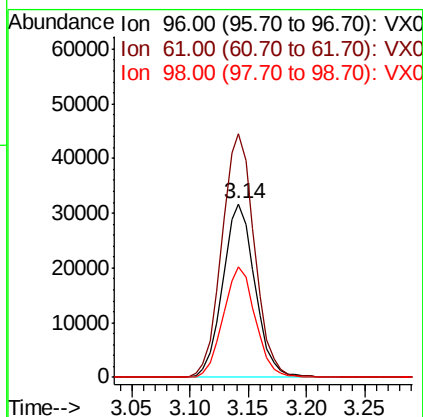
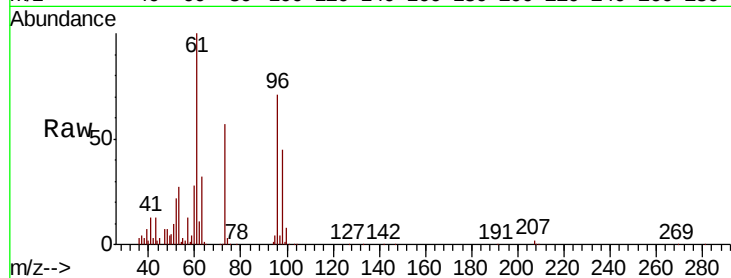




#19
trans-1,2-Dichloroethene
Concen: 18.648 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

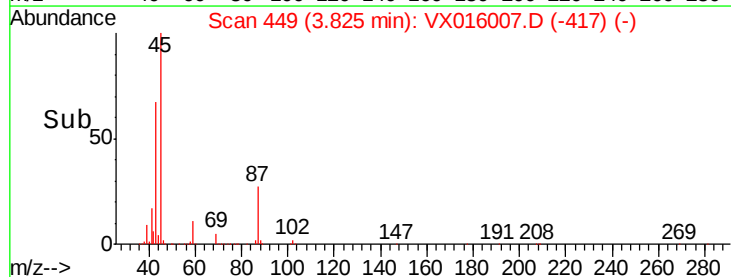
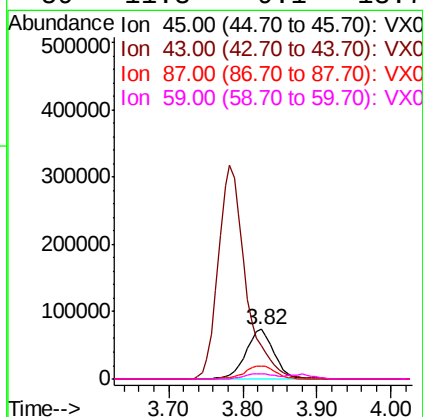
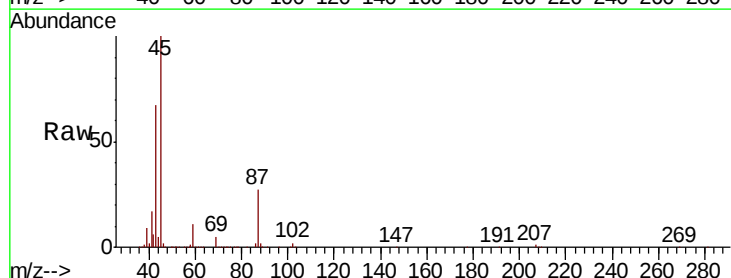
Instrument :
MSVOA_X
ClientSampleId :

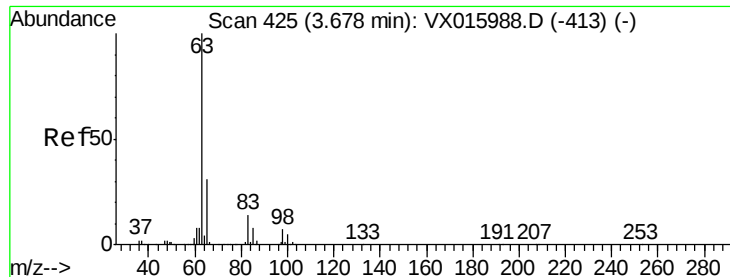
Tot Ion: 96 Resp: 60334
Ion Ratio Lower Upper
96 100
61 140.7 109.0 163.4
98 63.9 50.0 75.0



#20
Diisopropyl ether
Concen: 18.462 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion: 45 Resp: 195333
Ion Ratio Lower Upper
45 100
43 66.5 53.0 79.4
87 26.8 21.9 32.9
59 11.3 9.1 13.7





#21

1,1-Dichloroethane

Concen: 18.655 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

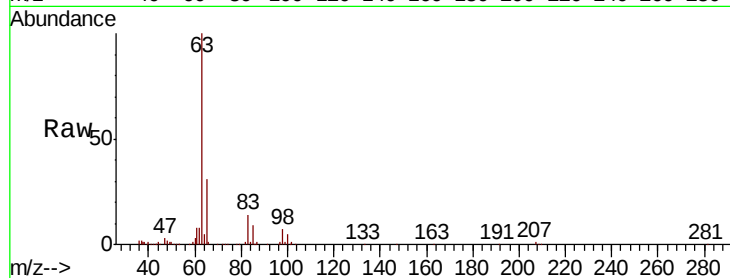
Tot Ion: 63 Resp: 110059

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

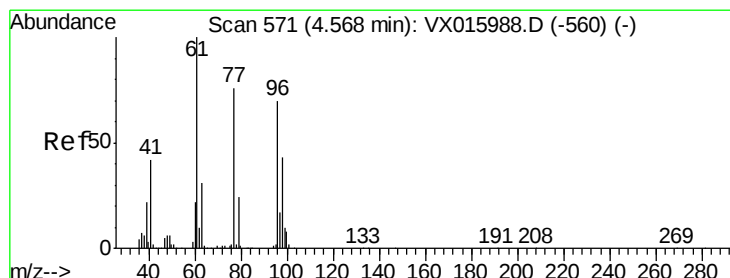
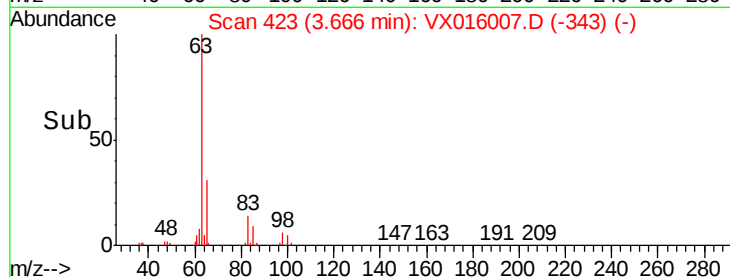
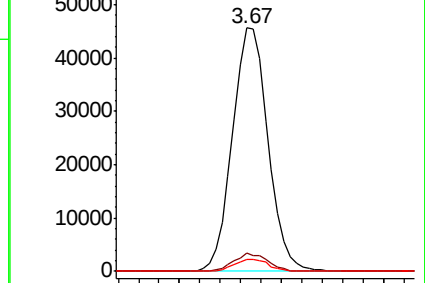
100 5.0 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.578 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

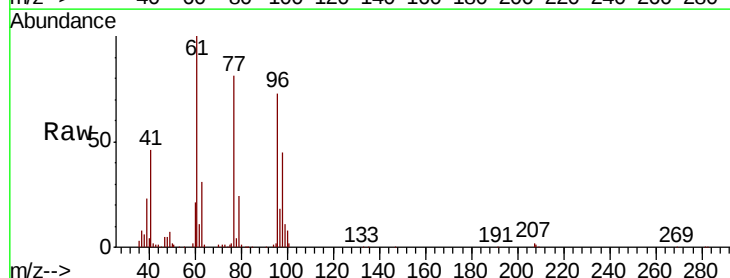
Tgt Ion: 96 Resp: 68212

Ion Ratio Lower Upper

96 100

61 148.8 121.6 182.4

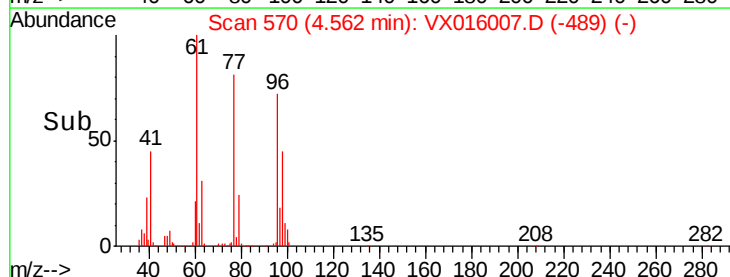
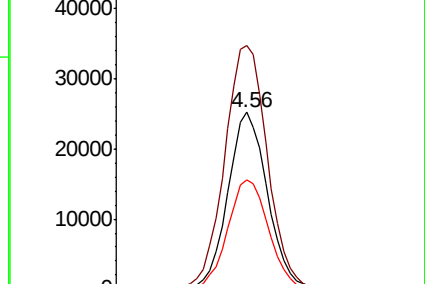
98 64.1 51.9 77.9

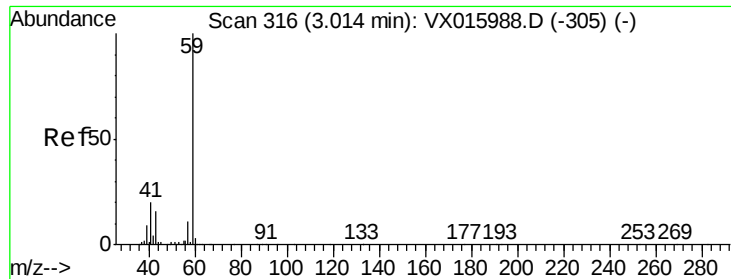


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



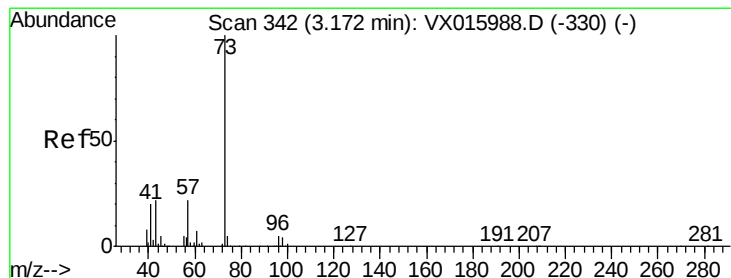
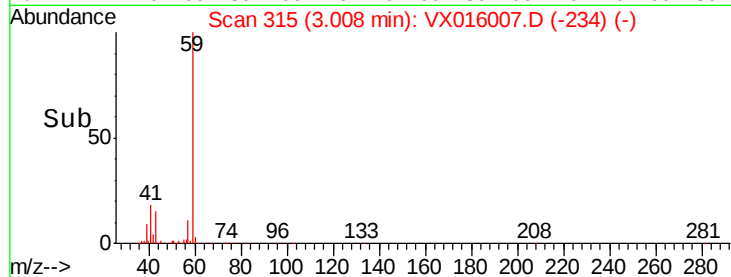
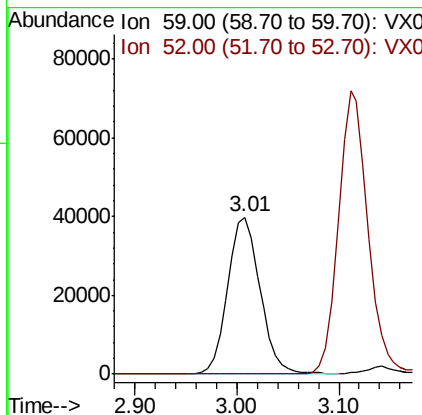
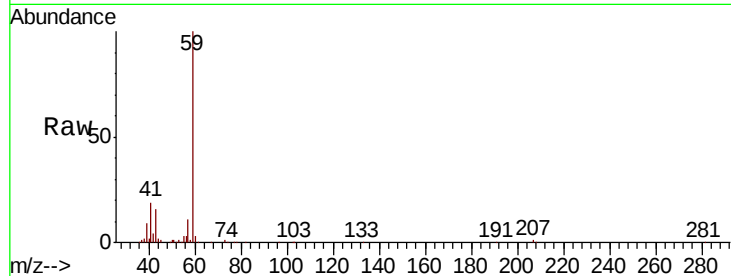


#23

tert-Butyl Alcohol
 Concen: 93.481 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :

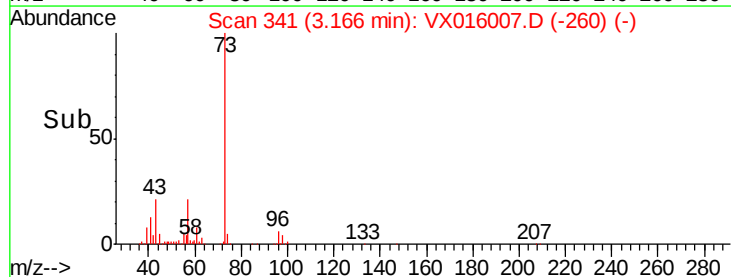
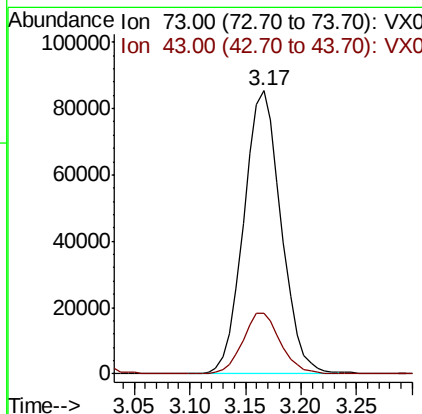
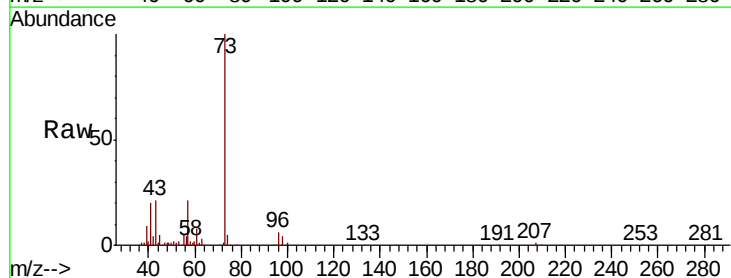
Tot Ion: 59 Resp: 87298
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

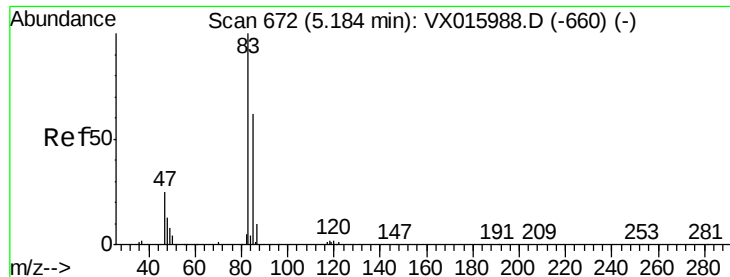


#24

Methyl tert-Butyl Ether
 Concen: 18.654 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion: 73 Resp: 198162
 Ion Ratio Lower Upper
 73 100
 43 21.6 17.8 26.6





#25

Chloroform

Concen: 18.445 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

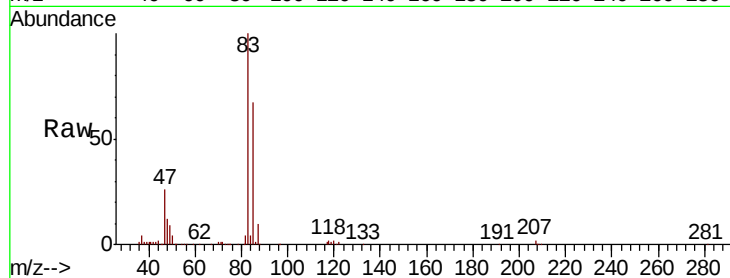
ClientSampleId :

Tot Ion: 83 Resp: 110521

Ion Ratio Lower Upper

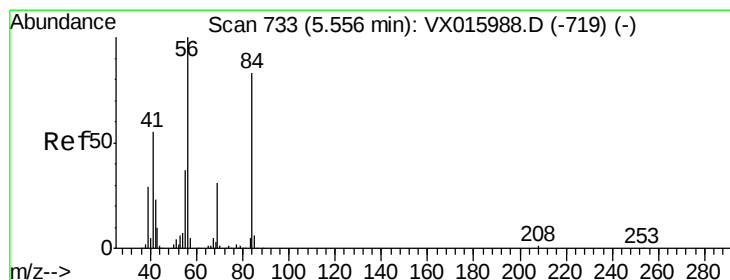
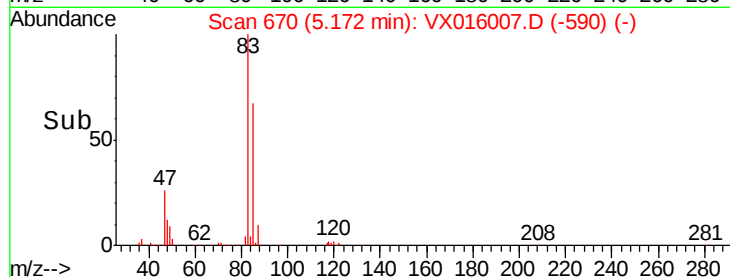
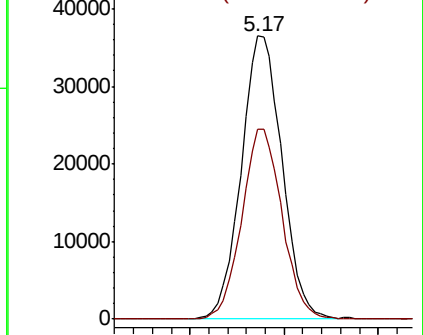
83 100

85 67.2 49.6 74.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.574 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

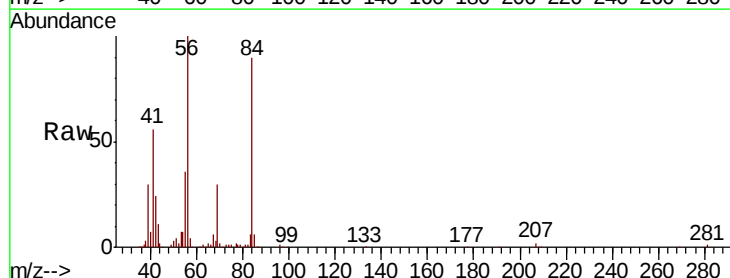
Tgt Ion: 56 Resp: 100207

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

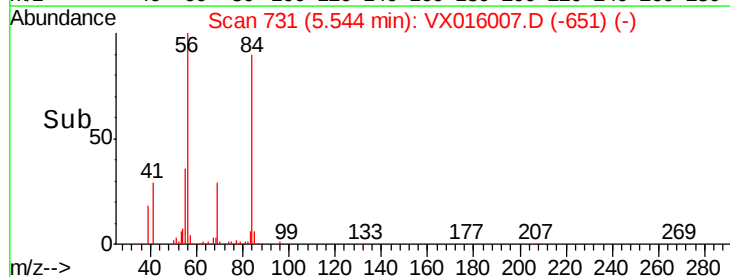
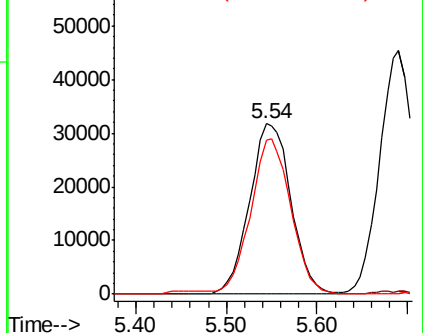
84 88.2 70.1 105.1

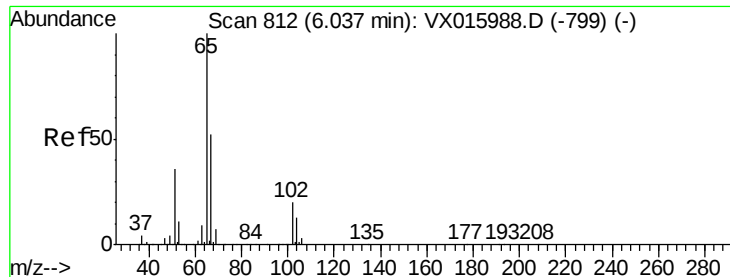


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.049 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

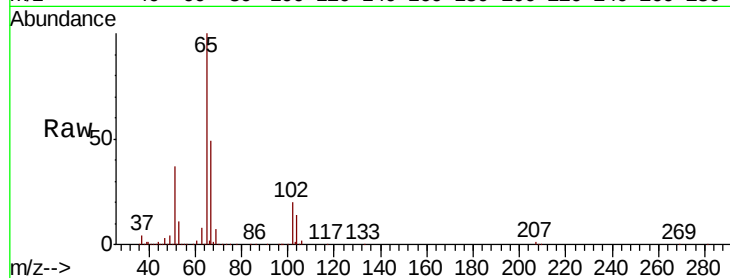
ClientSampleId :

Tot Ion: 65 Resp: 119384

Ion Ratio Lower Upper

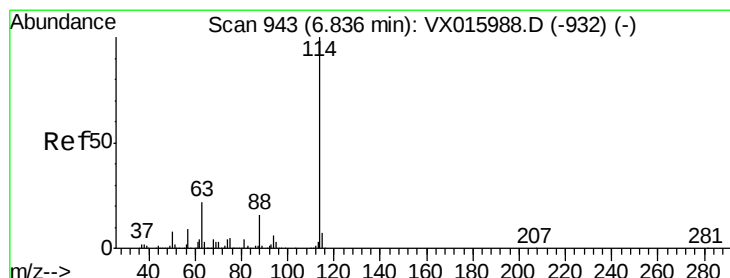
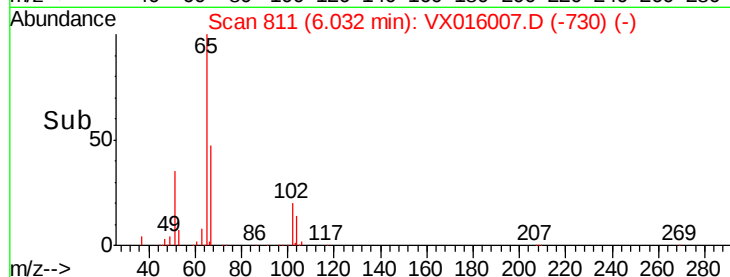
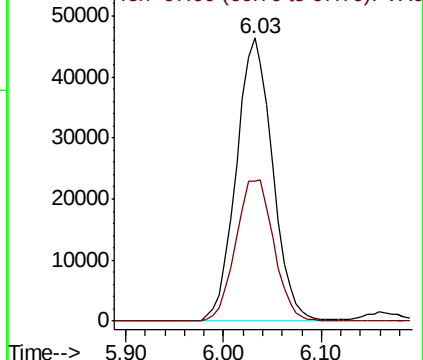
65 100

67 52.4 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

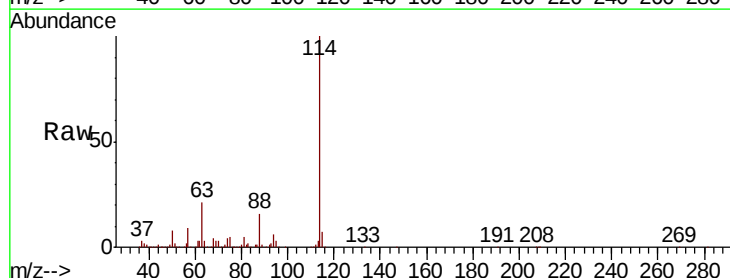
Tgt Ion: 114 Resp: 292293

Ion Ratio Lower Upper

114 100

63 21.2 17.1 25.7

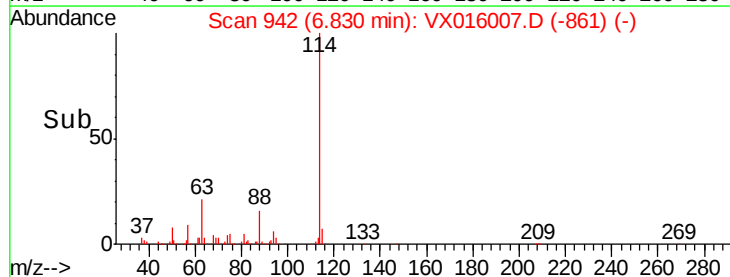
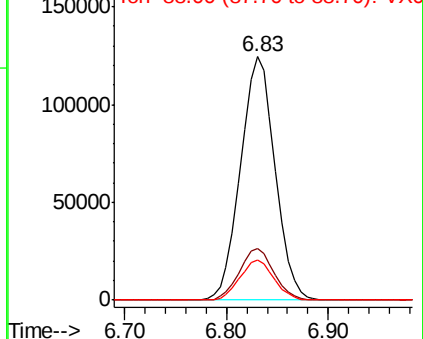
88 16.2 13.0 19.4

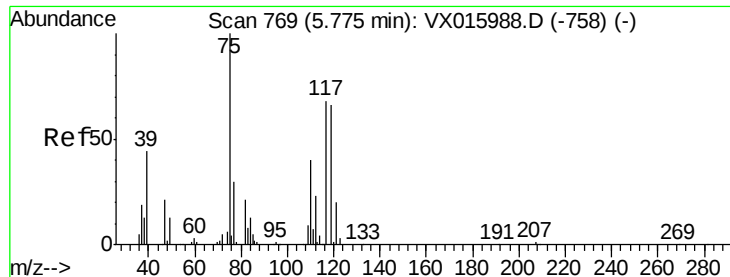


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.645 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :

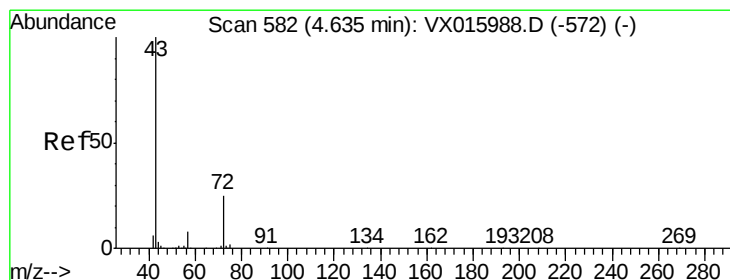
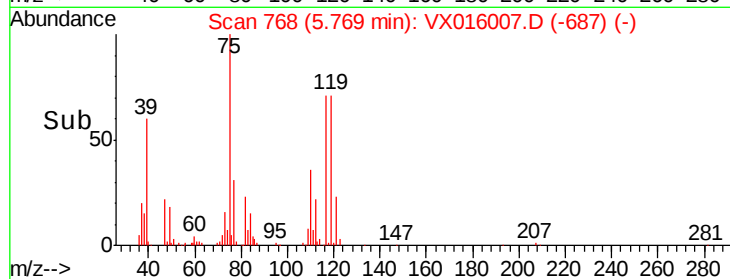
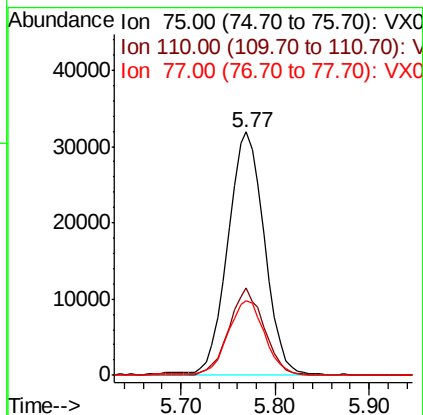
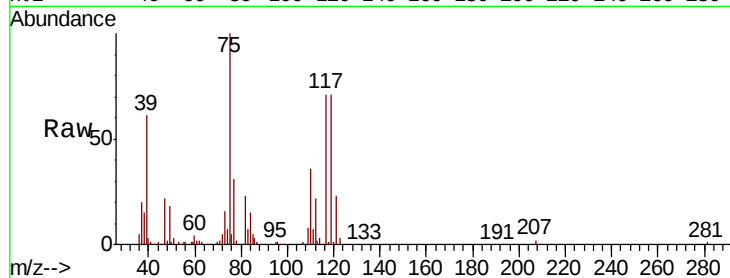
Tot Ion: 75 Resp: 85715

Ion Ratio Lower Upper

75 100

110 34.7 0.0 71.0

77 30.9 0.0 64.2



#30

2-Butanone

Concen: 91.451 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

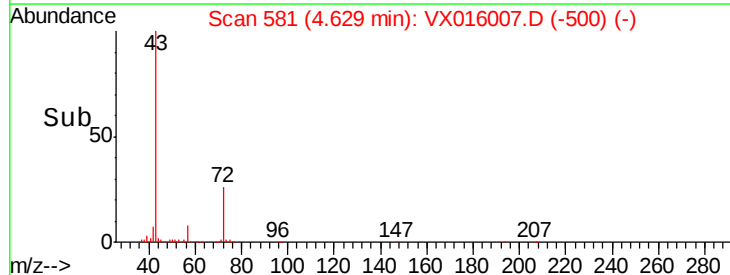
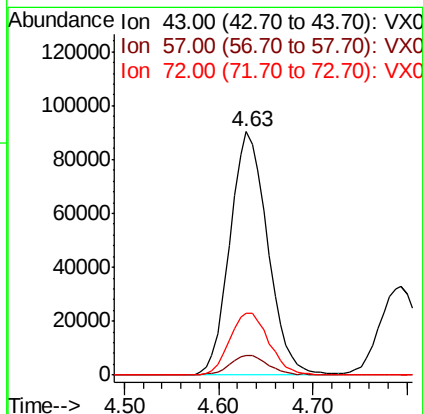
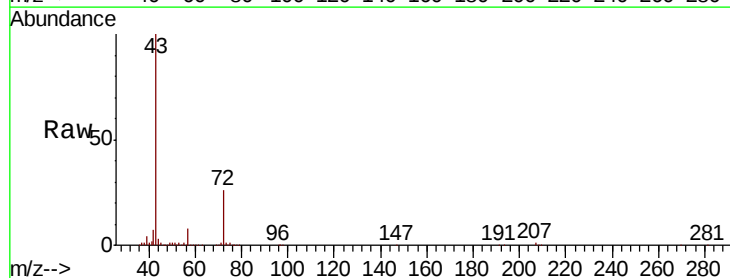
Tgt Ion: 43 Resp: 250505

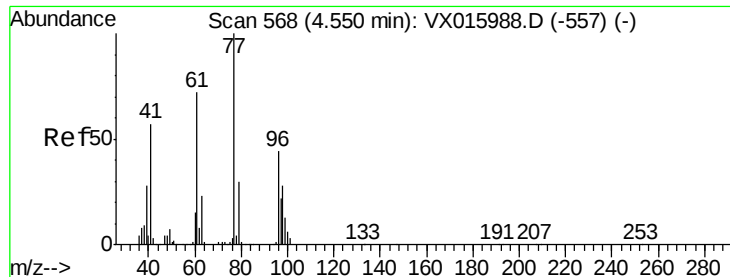
Ion Ratio Lower Upper

43 100

57 8.4 6.3 9.5

72 26.5 20.8 31.2





#31

2,2-Dichloropropane

Concen: 18.071 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

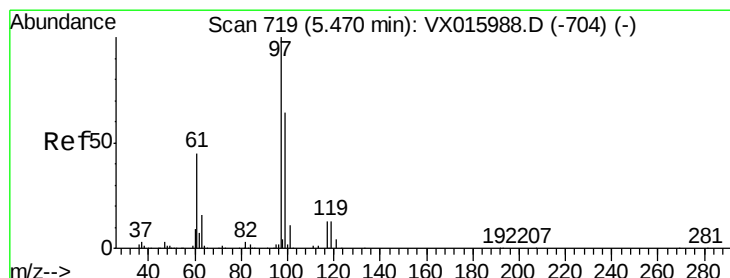
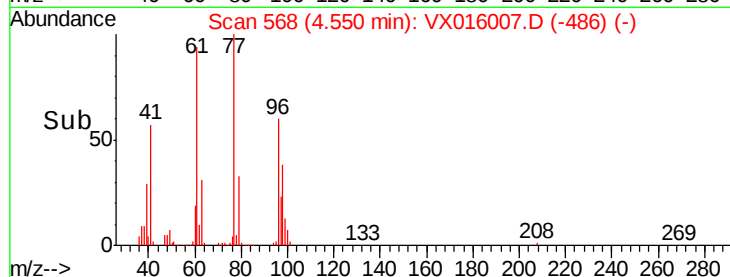
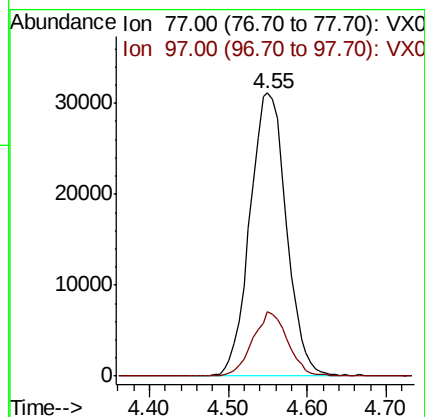
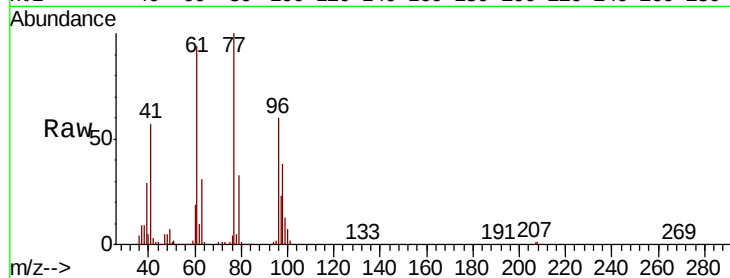
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 99980

Ion Ratio Lower Upper

77 100

97 21.8 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 18.318 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

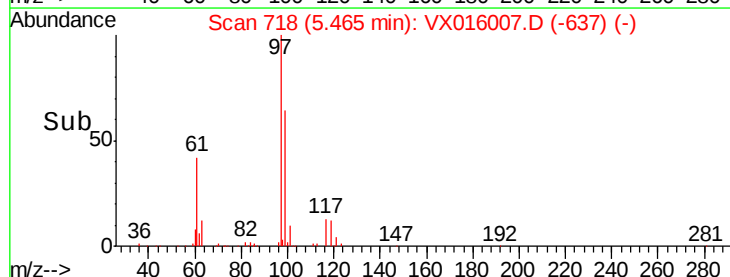
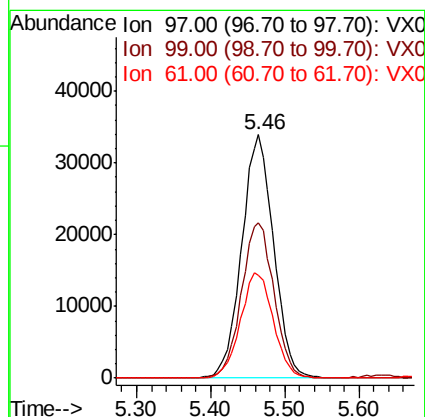
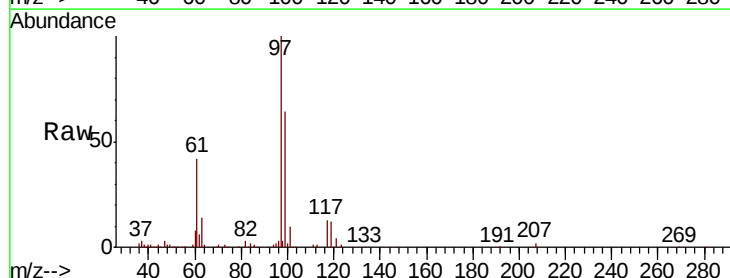
Tgt Ion: 97 Resp: 102154

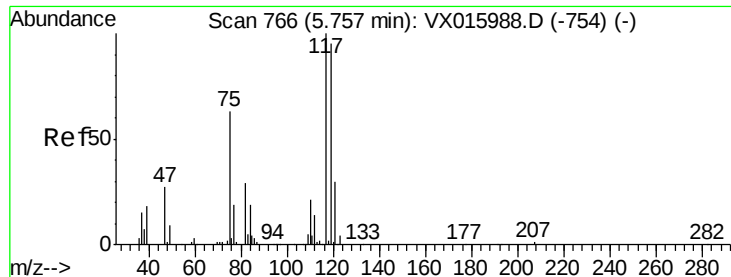
Ion Ratio Lower Upper

97 100

99 64.8 50.7 76.1

61 44.7 35.9 53.9

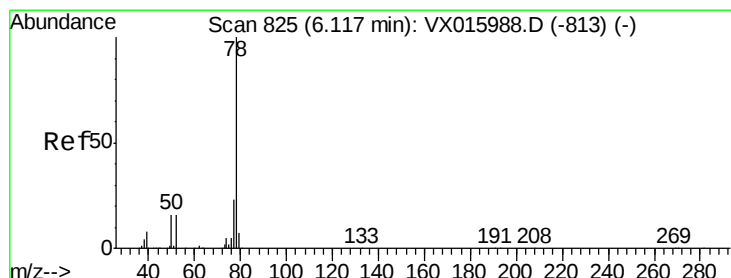
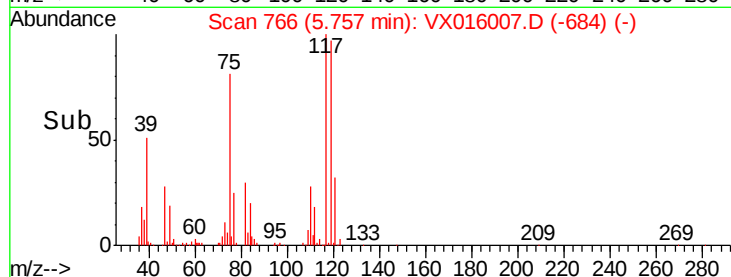
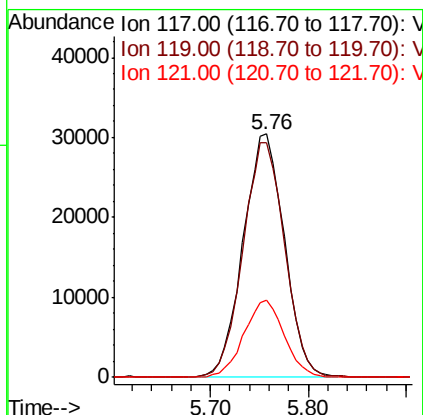
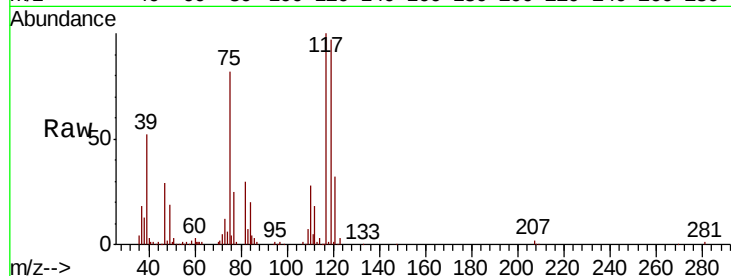




#33
Carbon Tetrachloride
Concen: 17.917 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

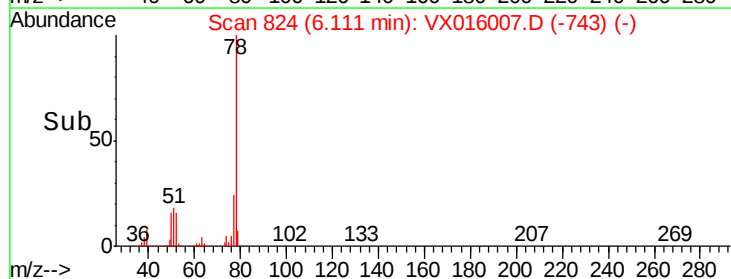
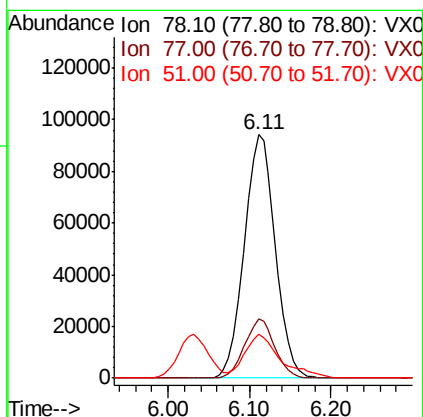
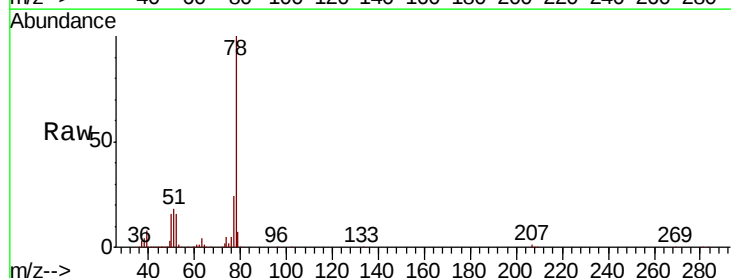
Instrument :
MSVOA_X
ClientSampleId :

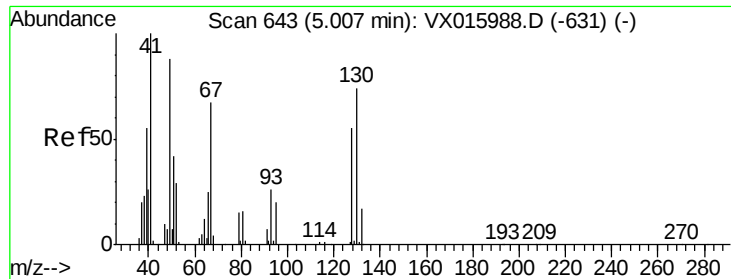
Tot Ion	Ion	Ratio	Lower	Upper
117	100			
119	96.6	76.3	114.5	
121	31.6	24.2	36.4	



#34
Benzene
Concen: 18.478 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
78	100			
77	24.4	18.7	28.1	
51	17.8	12.7	19.1	

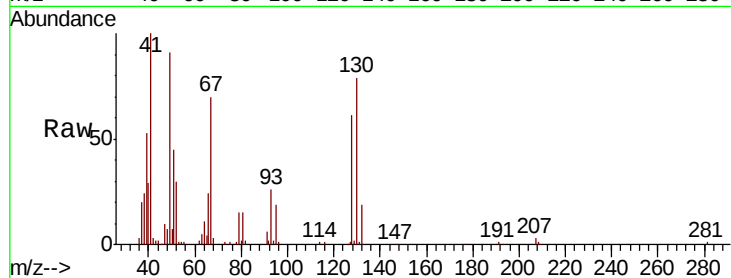




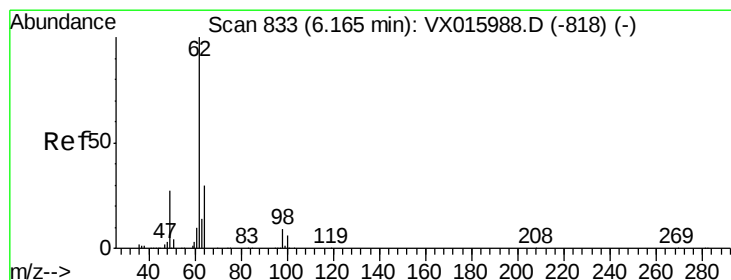
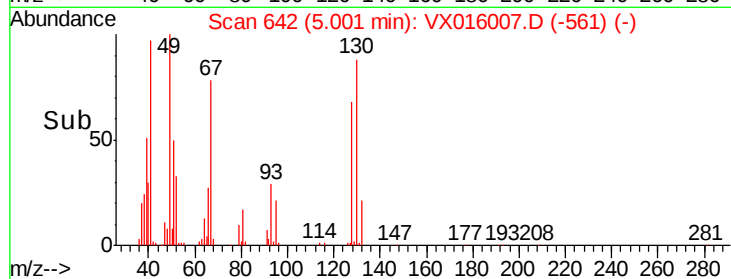
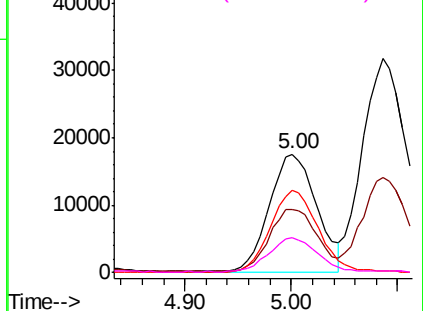
#35
Methacrylonitrile
Concen: 18.474 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	53742
Ion	Ratio	Lower	Upper
41	100		
39	52.1	27.5	82.4
67	70.1	33.6	100.6
52	28.9	14.5	43.5

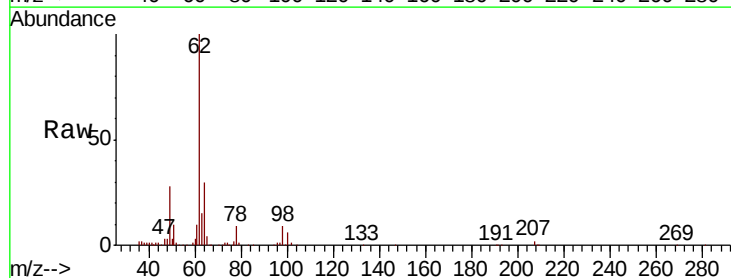


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

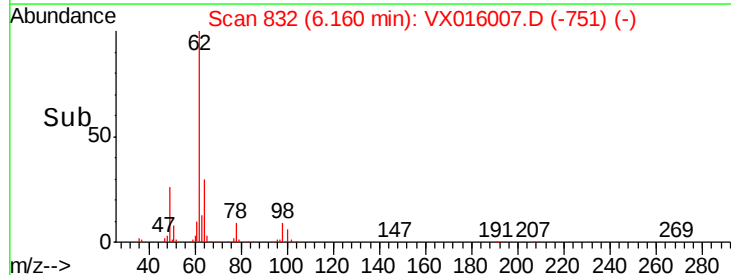
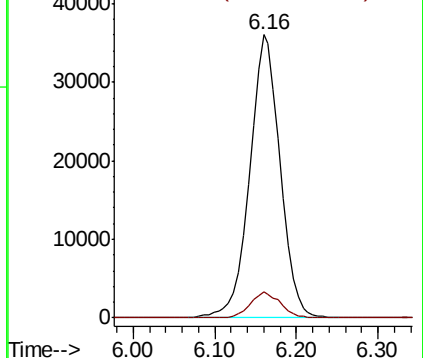


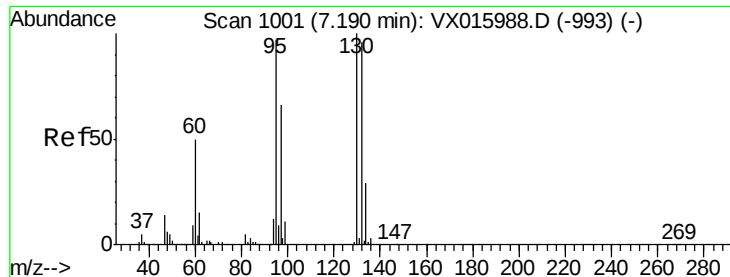
#36
1,2-Dichloroethane
Concen: 18.284 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion:	62	Resp:	93757
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.4	11.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

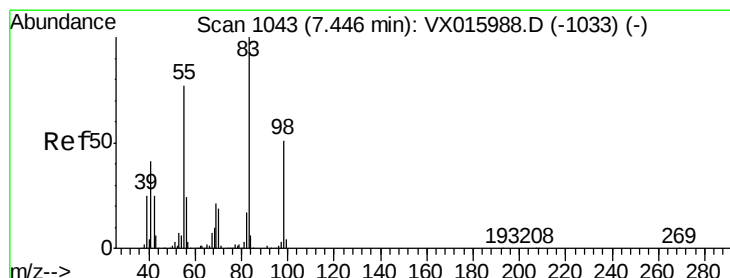
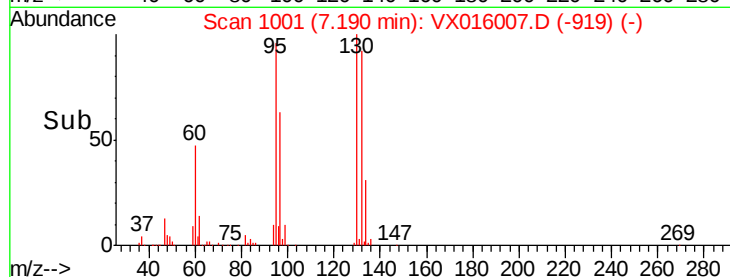
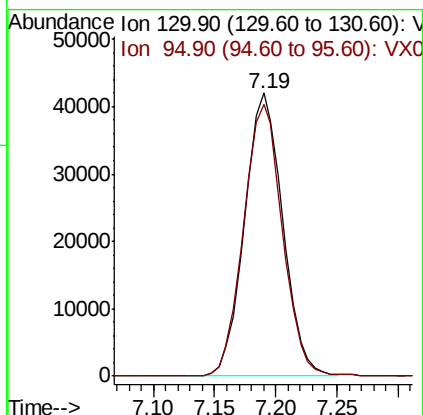
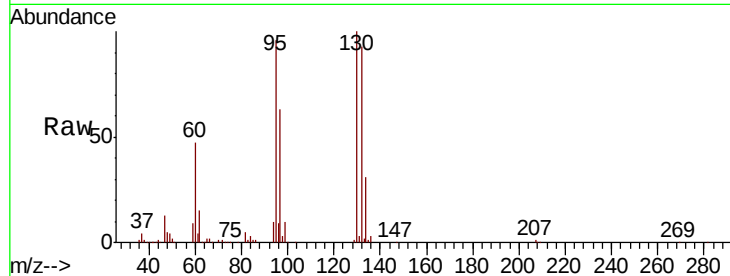




#37
 Trichloroethene
 Concen: 19.159 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

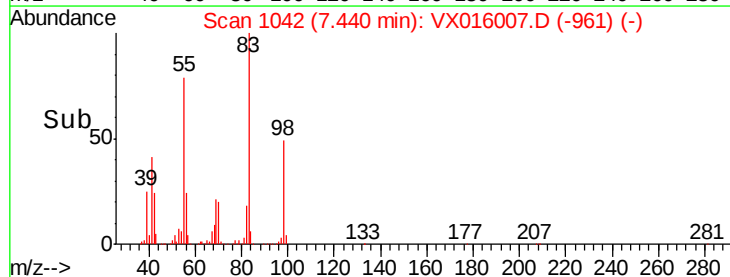
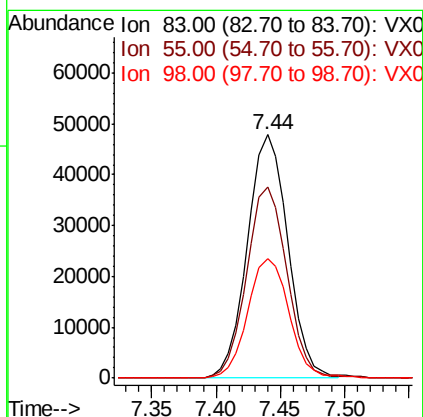
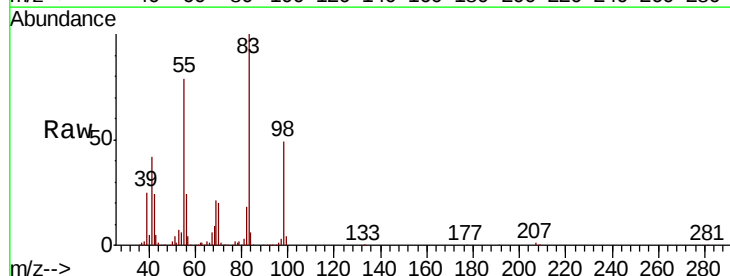
Instrument :
 MSVOA_X
 ClientSampleId :

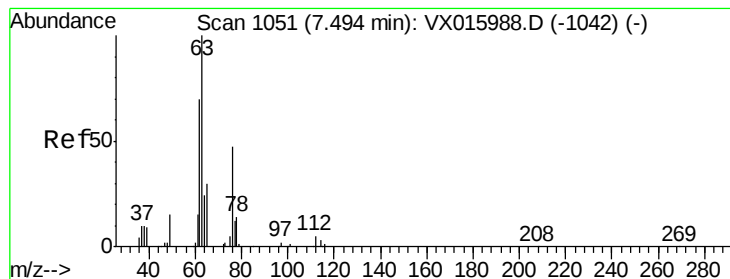
Tot Ion:130 Resp: 91515
 Ion Ratio Lower Upper
 130 100
 95 96.1 77.8 116.8



#38
 Methylcyclohexane
 Concen: 18.581 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion: 83 Resp: 104386
 Ion Ratio Lower Upper
 83 100
 55 77.8 38.8 116.4
 98 50.4 25.1 75.3





#39

1,2-Dichloropropane

Concen: 18.325 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

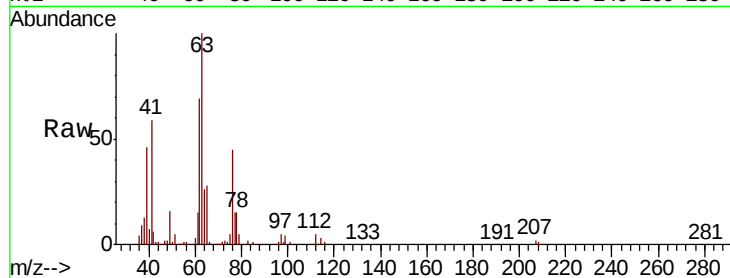
ClientSampleId :

Tot Ion: 63 Resp: 63163

Ion Ratio Lower Upper

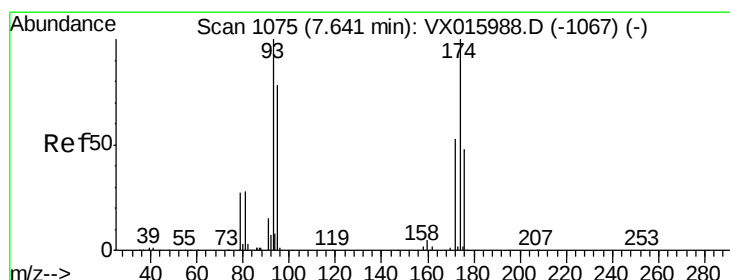
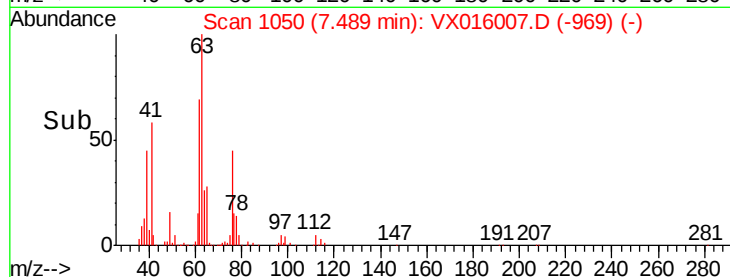
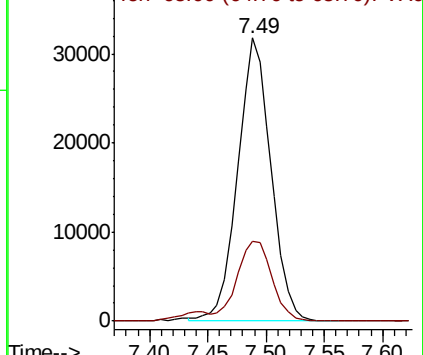
63 100

65 28.1 25.9 38.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 18.139 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

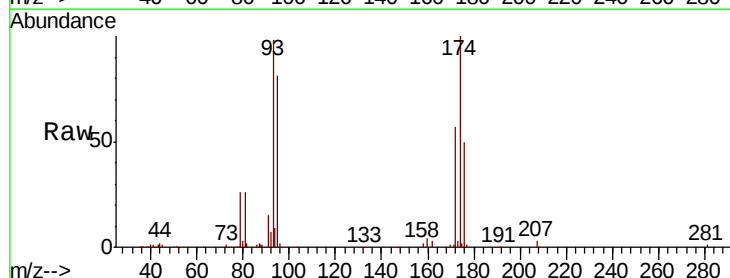
Tgt Ion: 93 Resp: 43415

Ion Ratio Lower Upper

93 100

95 82.6 0.0 162.8

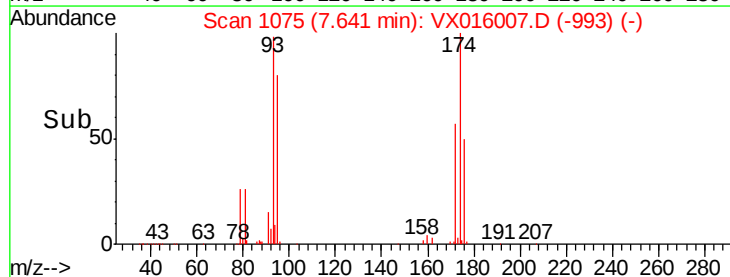
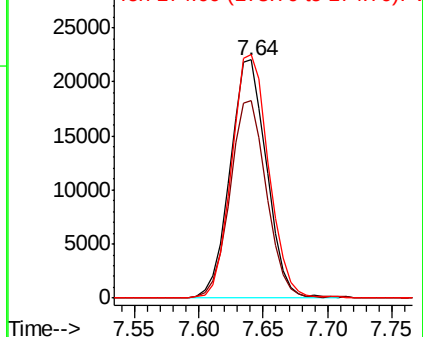
174 103.4 0.0 204.0

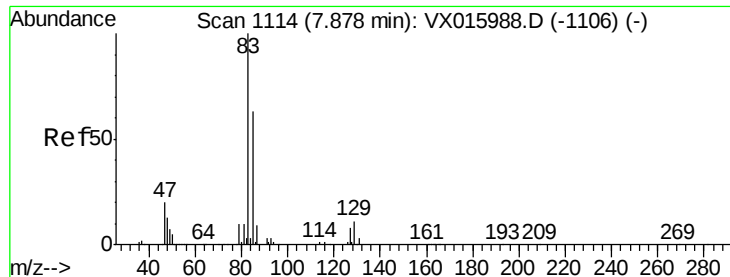


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 17.700 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

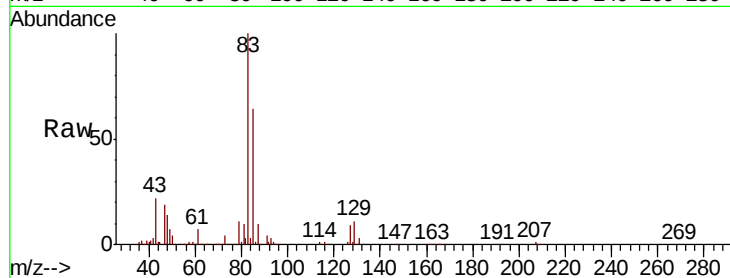
Tot Ion: 83 Resp: 87331

Ion Ratio Lower Upper

83 100

85 63.6 50.4 75.6

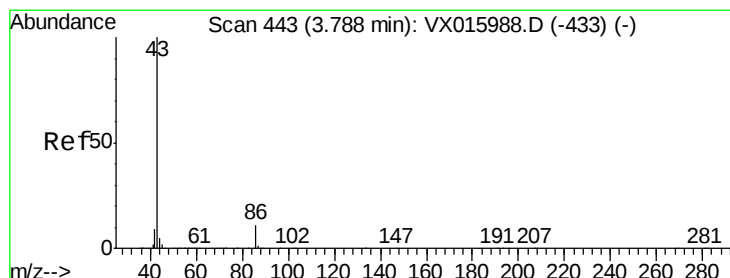
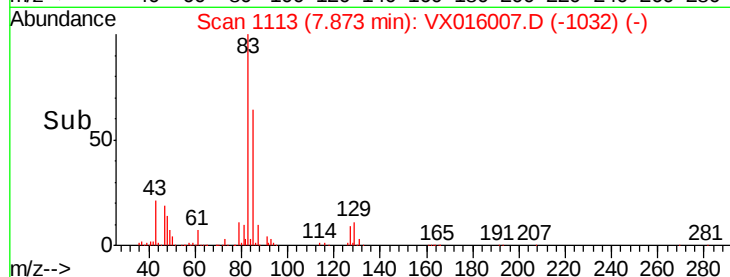
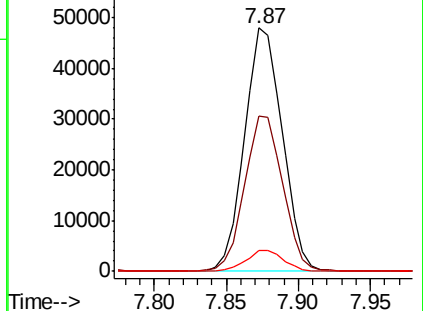
127 8.6 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 89.641 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016007.D

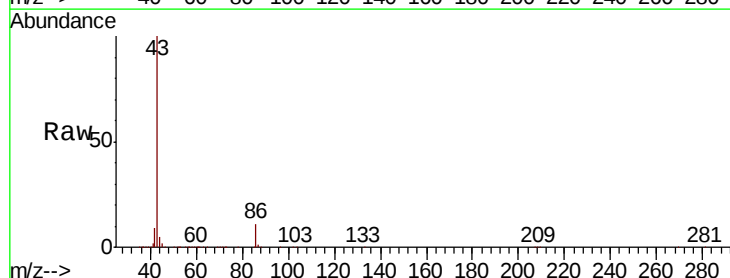
Acq: 01 May 2020 13:24

Tgt Ion: 43 Resp: 812359

Ion Ratio Lower Upper

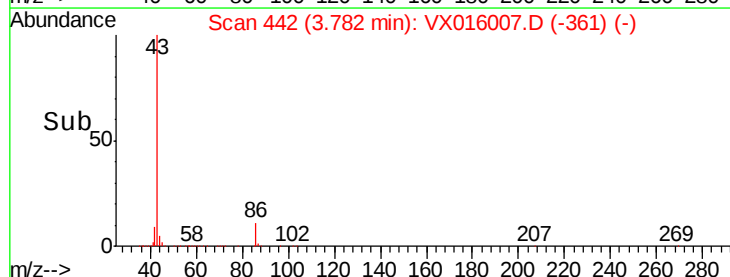
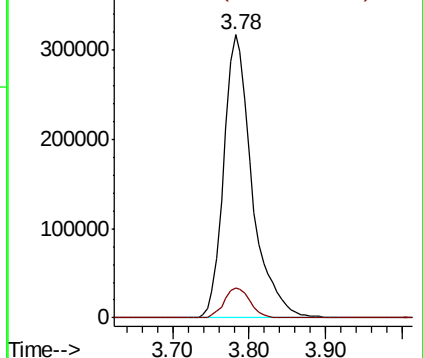
43 100

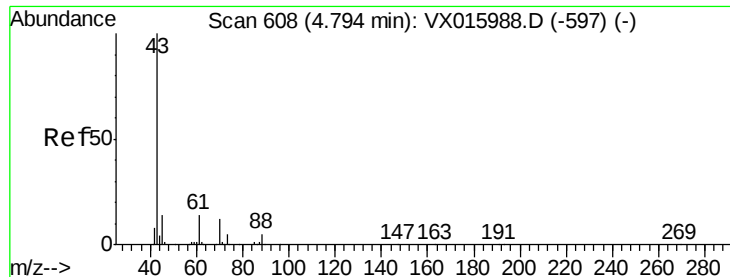
86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

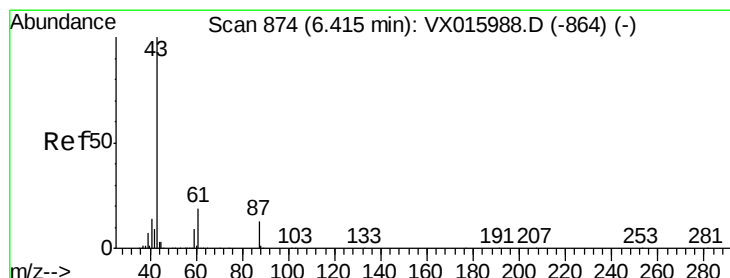
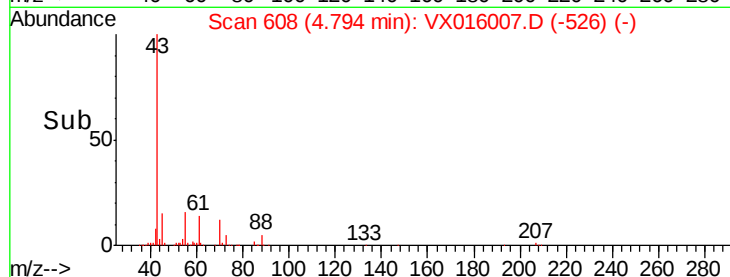
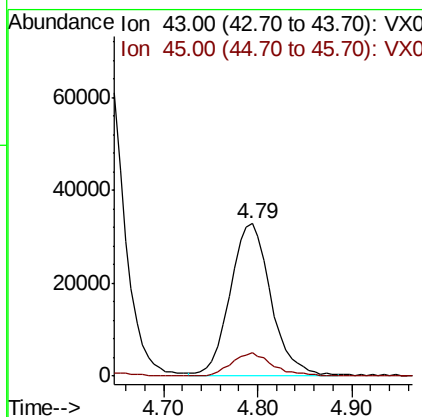
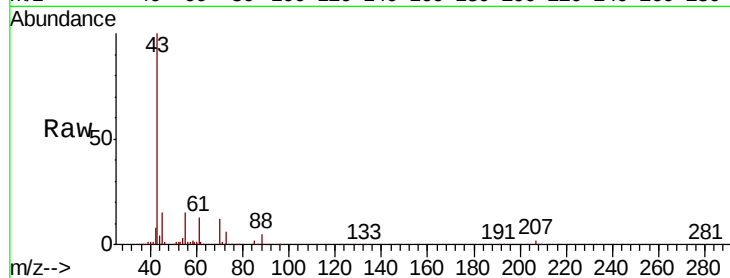




#43
Ethyl Acetate
Concen: 18.116 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

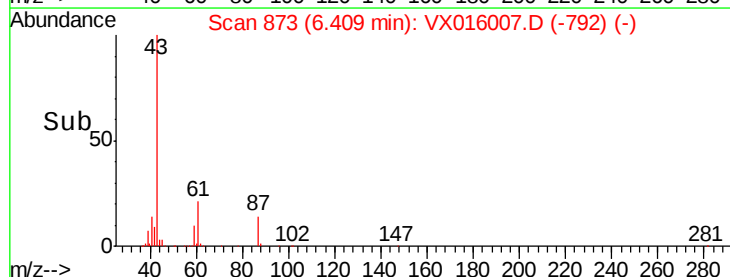
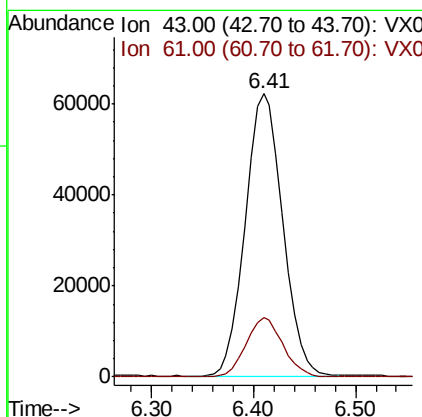
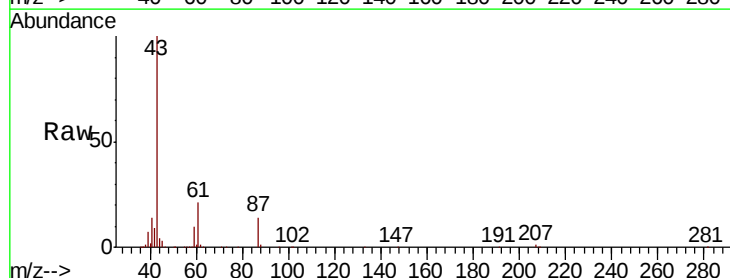
Instrument :
MSVOA_X
ClientSampleId :

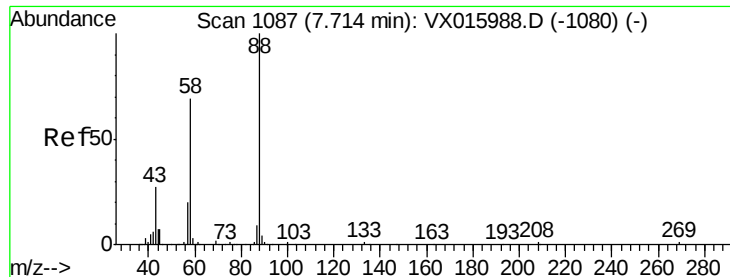
Tot Ion: 43 Resp: 97885
Ion Ratio Lower Upper
43 100
45 15.3 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.092 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion: 43 Resp: 158637
Ion Ratio Lower Upper
43 100
61 20.6 16.1 24.1





#45

1,4-Dioxane

Concen: 373.147 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

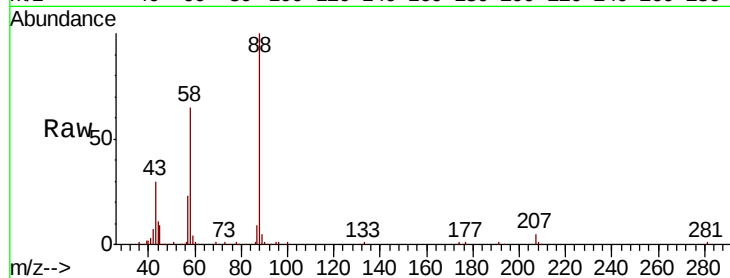
Tot Ion: 88 Resp: 34561

Ion Ratio Lower Upper

88 100

43 32.9 26.3 39.5

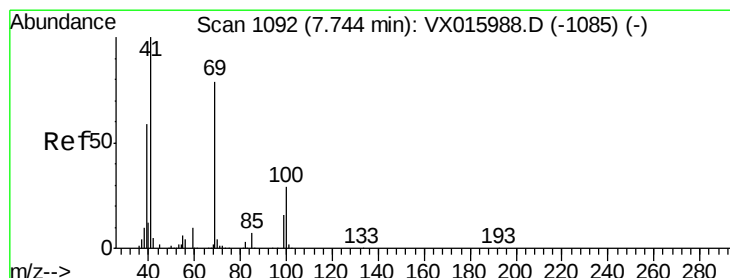
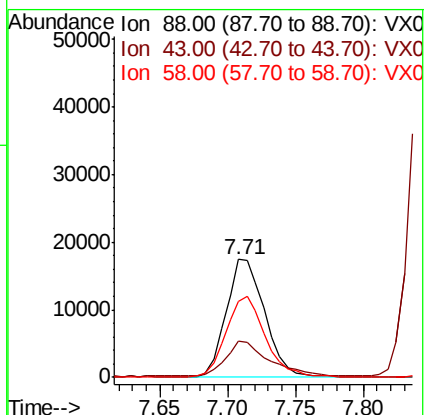
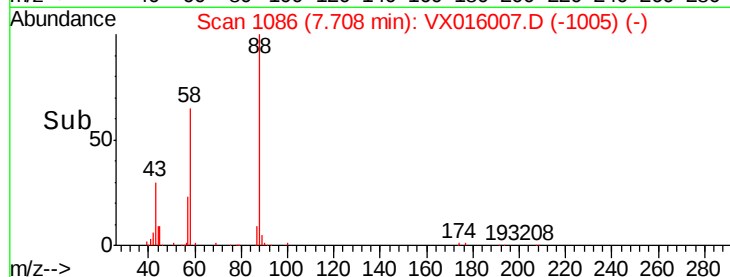
58 70.3 57.0 85.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 17.823 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

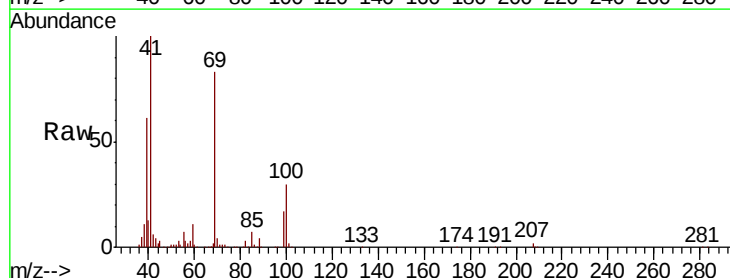
Tgt Ion: 41 Resp: 74088

Ion Ratio Lower Upper

41 100

69 83.0 39.5 118.5

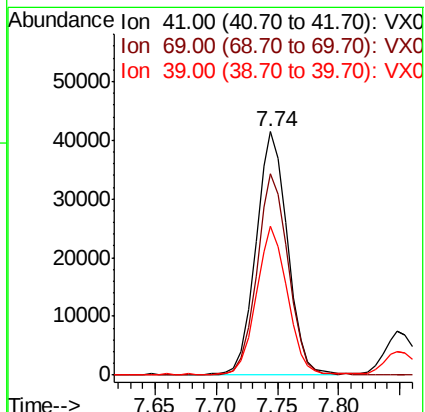
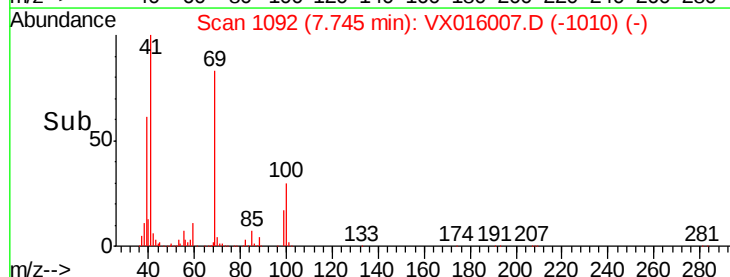
39 60.6 29.6 88.9

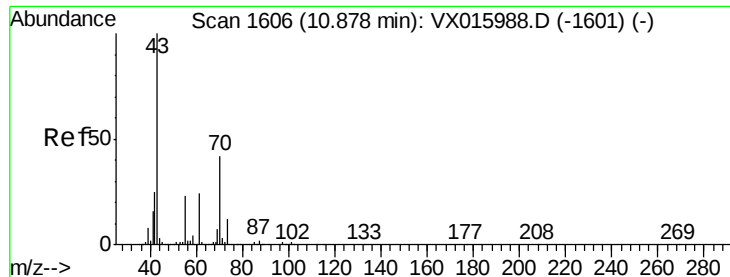


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 17.093 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

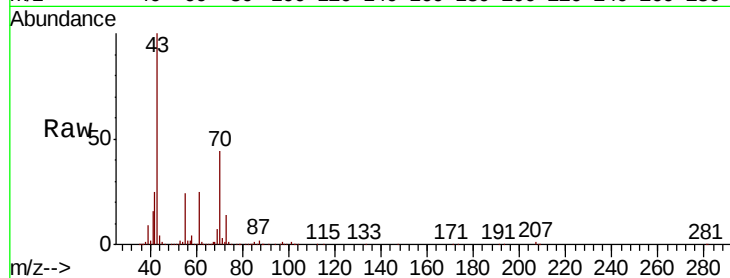
ClientSampleId :

Tot Ion: 43 Resp: 131056

Ion Ratio Lower Upper

43 100

55 24.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

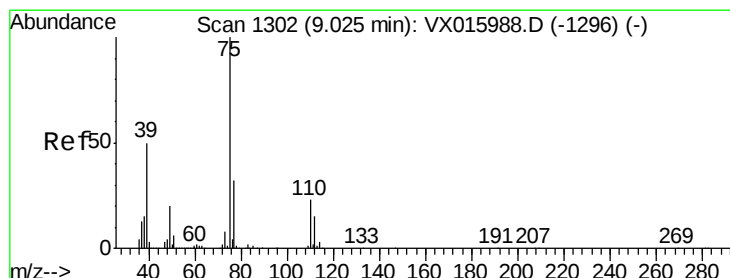
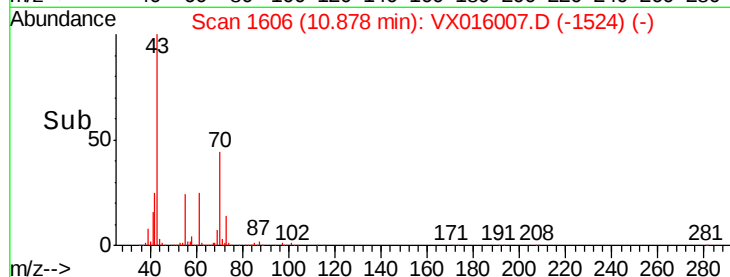
40000

20000

0

10.85 10.88 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.771 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016007.D

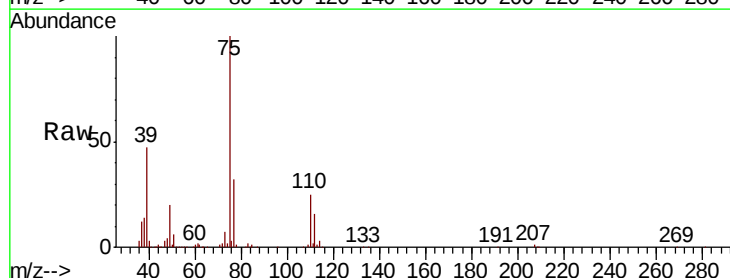
Acq: 01 May 2020 13:24

Tgt Ion: 75 Resp: 101822

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

60000

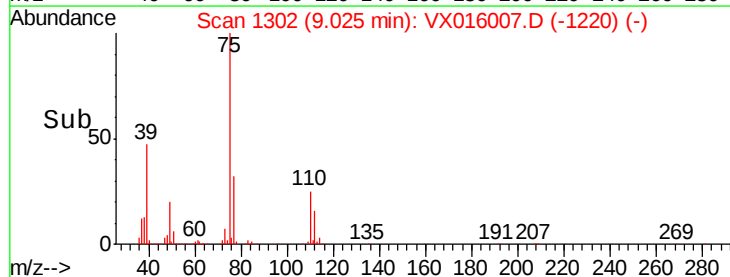
40000

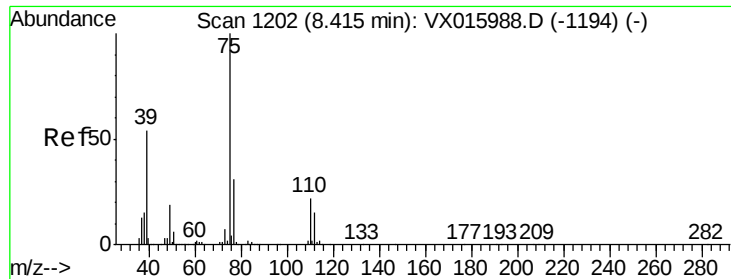
20000

0

8.95 9.00 9.02 9.05 9.10

Time-->



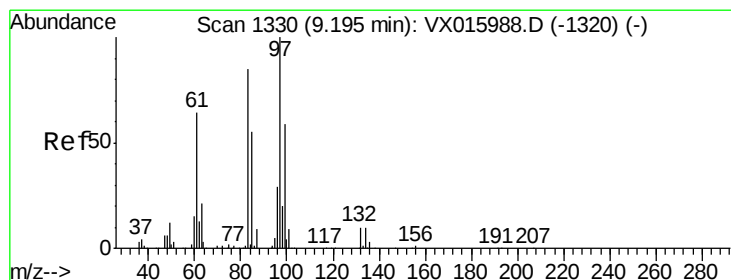
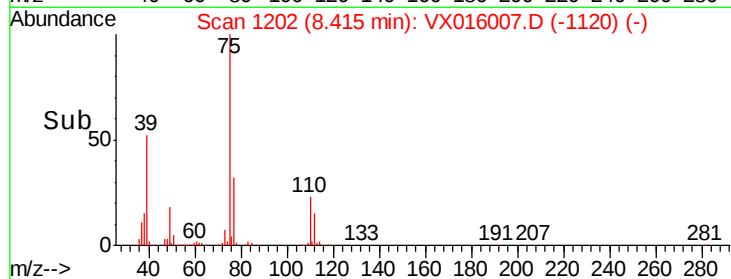
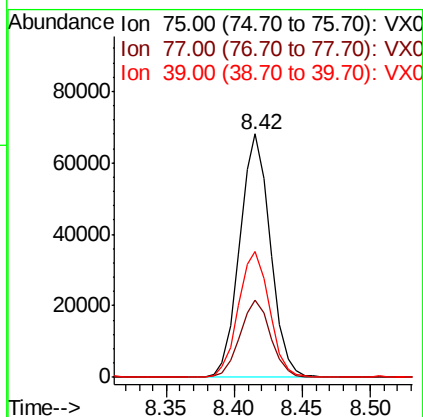
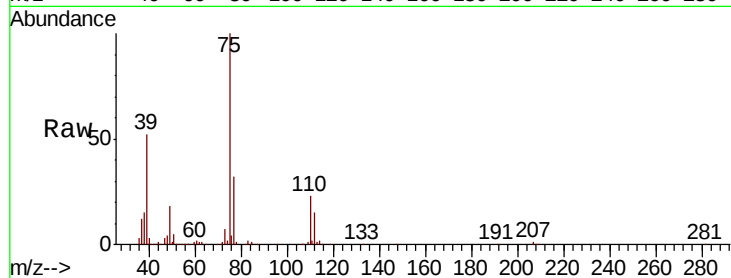


#49

cis-1,3-Dichloropropene
 Concen: 18.069 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :

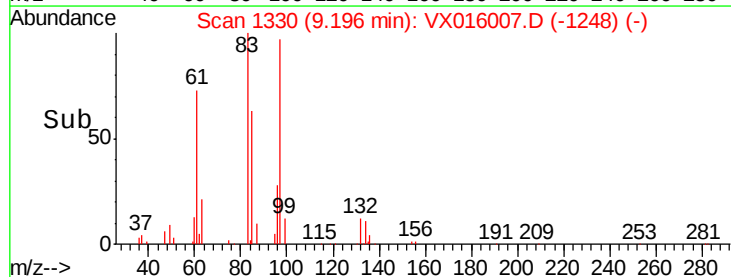
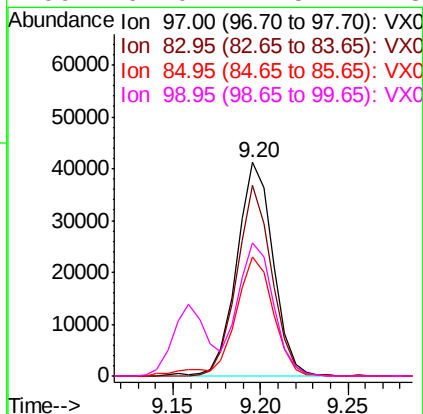
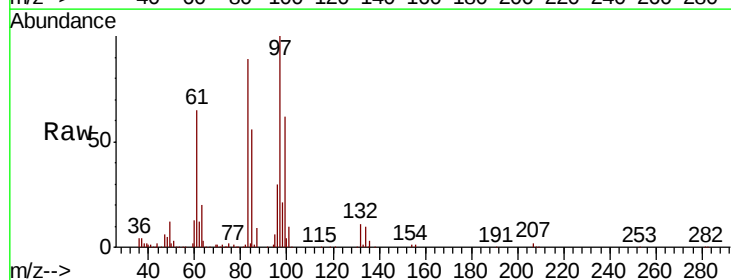
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6
39	51.5	43.2	64.8

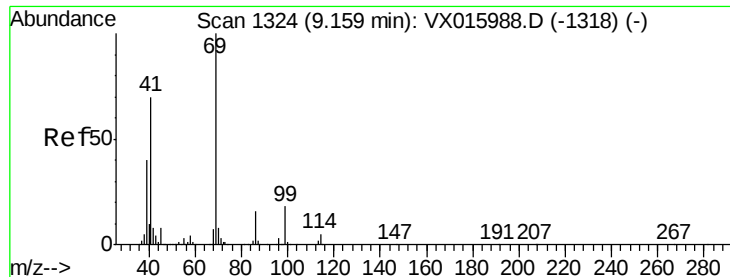


#50

1,1,2-Trichloroethane
 Concen: 17.607 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.7	101.5
85	55.7	43.7	65.5
99	62.0	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.561 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampled :

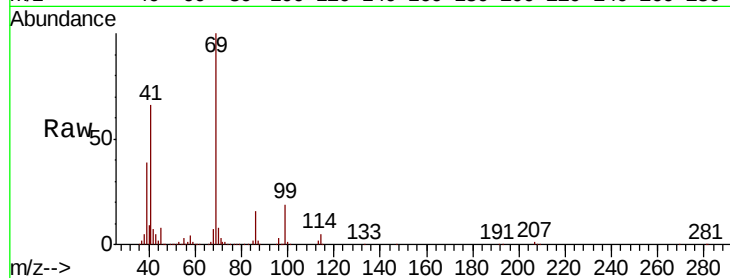
Tot Ion: 69 Resp: 97802

Ion Ratio Lower Upper

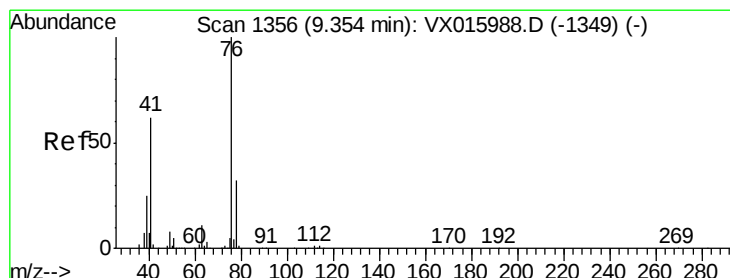
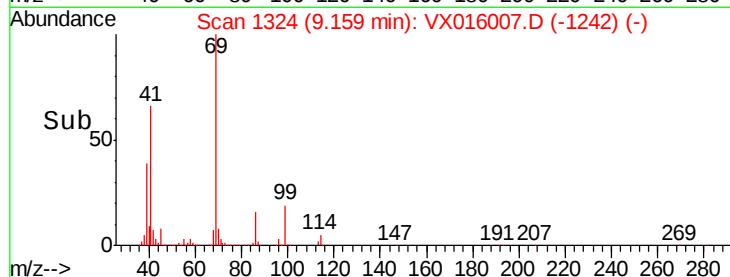
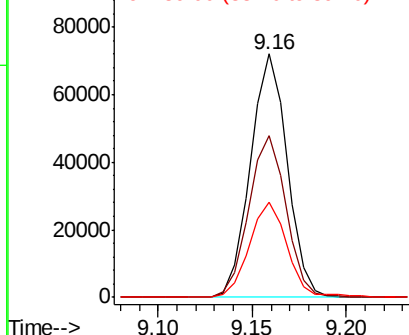
69 100

41 66.1 34.8 104.4

39 38.8 19.8 59.4



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



#52

1,3-Dichloropropane

Concen: 18.071 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016007.D

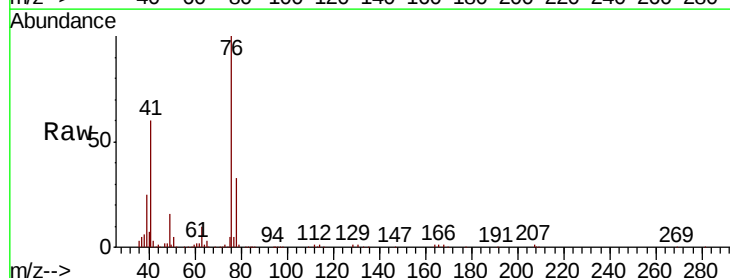
Acq: 01 May 2020 13:24

Tgt Ion: 76 Resp: 105364

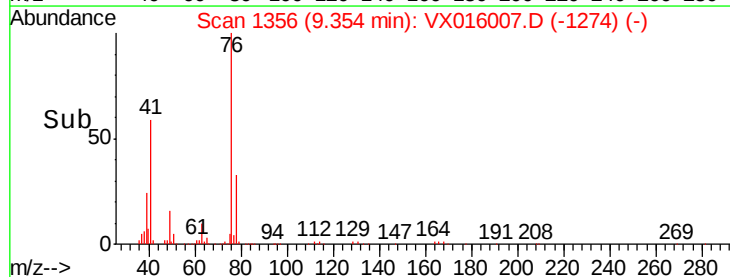
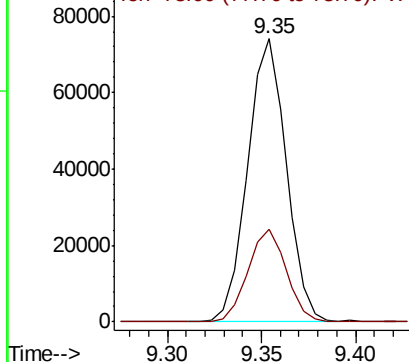
Ion Ratio Lower Upper

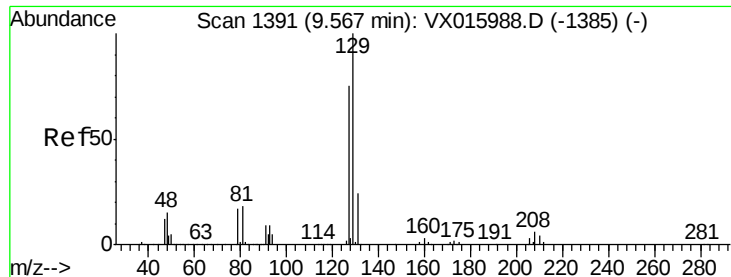
76 100

78 32.7 0.0 64.2



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

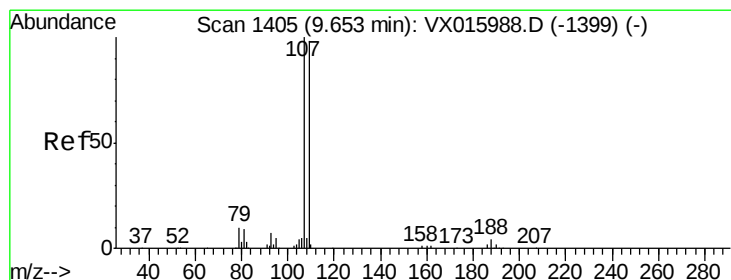
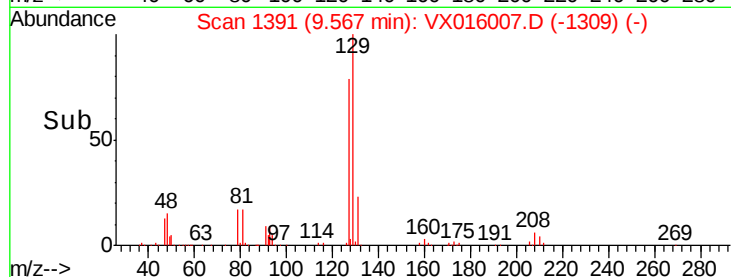
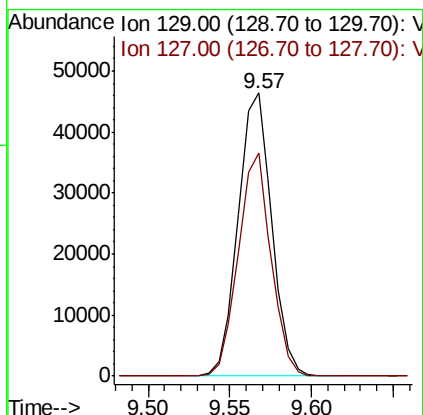
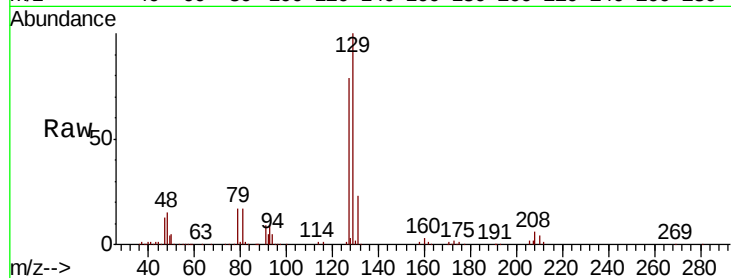




#53
 Dibromochloromethane
 Concen: 17.346 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

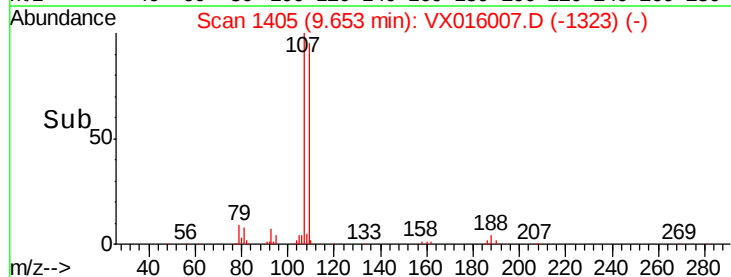
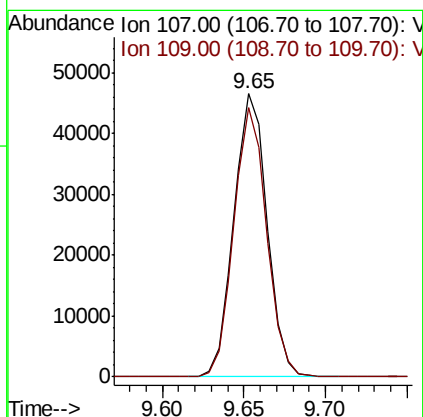
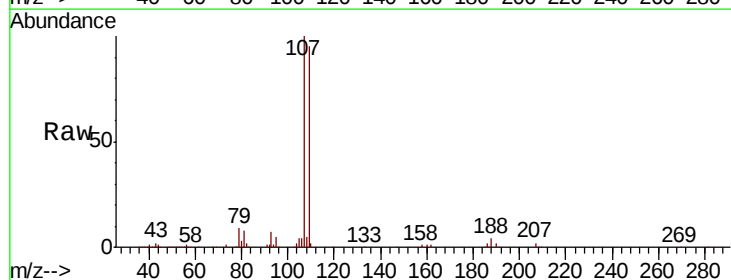
Instrument :
 MSVOA_X
 ClientSampled :

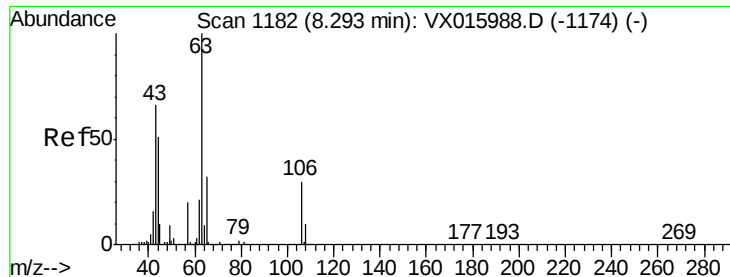
Tot Ion:129 Resp: 66560
 Ion Ratio Lower Upper
 129 100
 127 76.8 38.3 114.9



#54
 1,2-Dibromoethane
 Concen: 17.865 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion:107 Resp: 66223
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 87.934 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

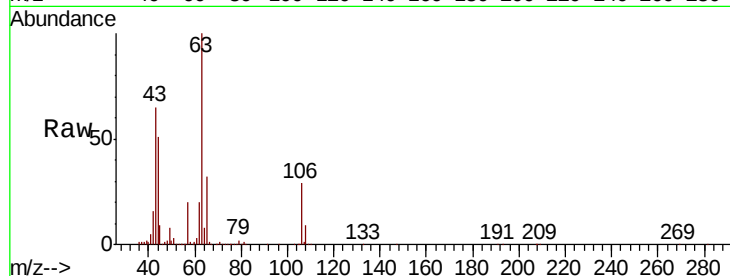
Tot Ion: 63 Resp: 266435

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4

106 29.1 23.4 35.0

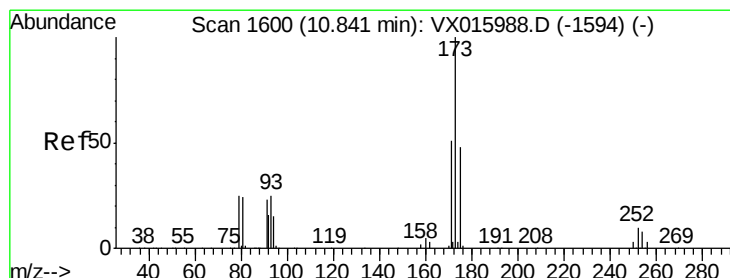
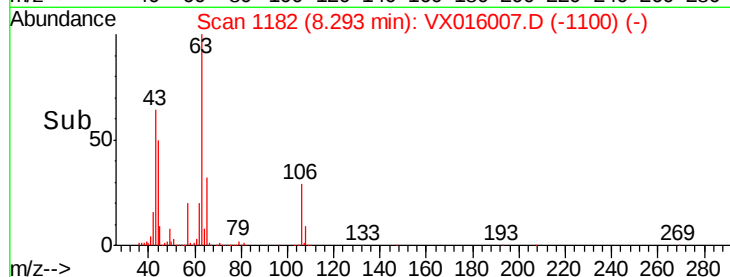
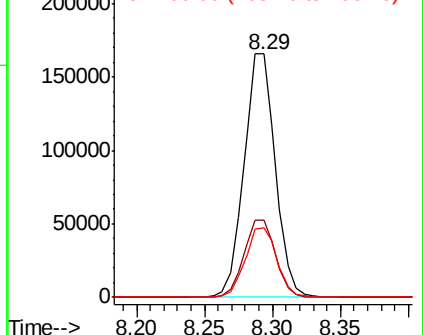


Abundance

Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 16.491 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

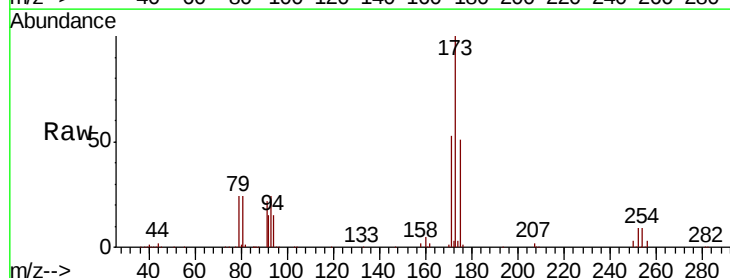
Tgt Ion:173 Resp: 47678

Ion Ratio Lower Upper

173 100

175 49.0 38.0 57.0

254 9.0 6.8 10.2

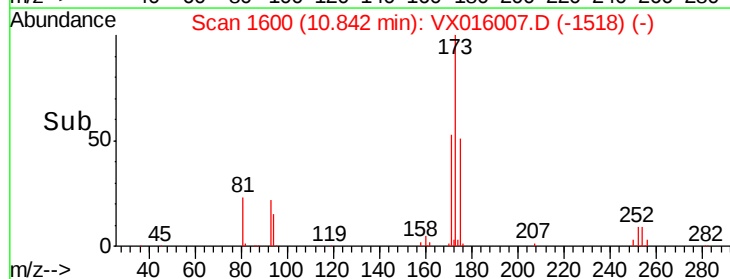
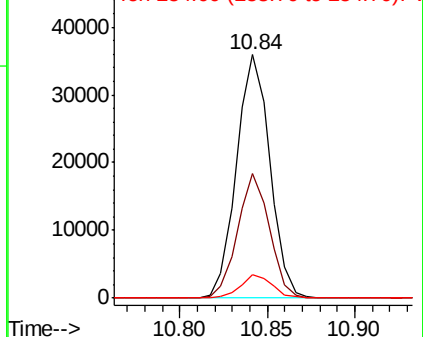


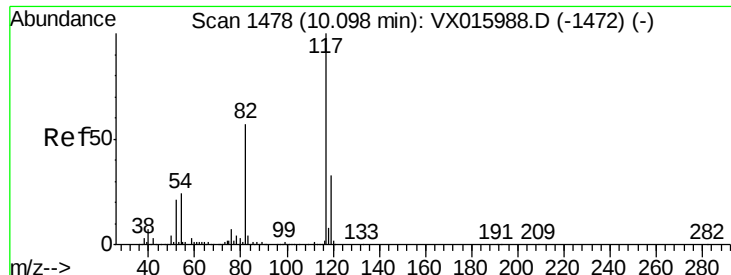
Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

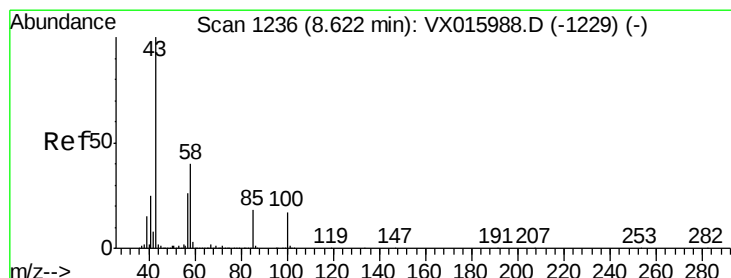
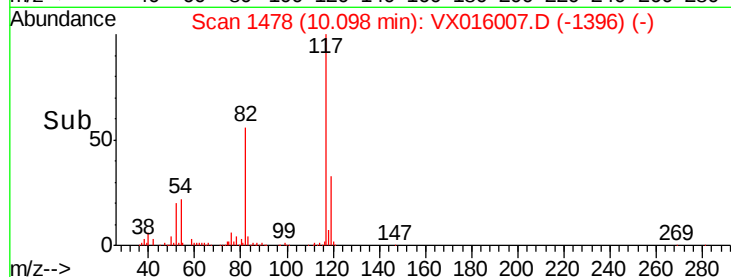
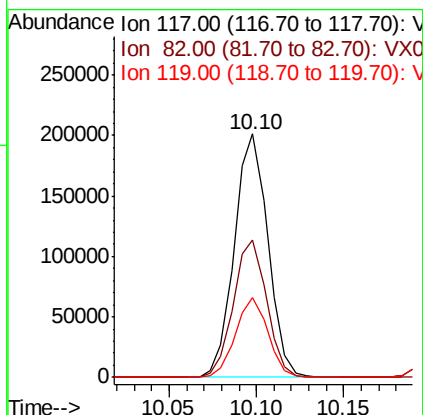
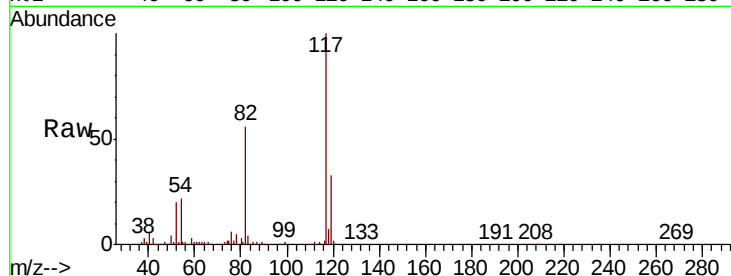




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

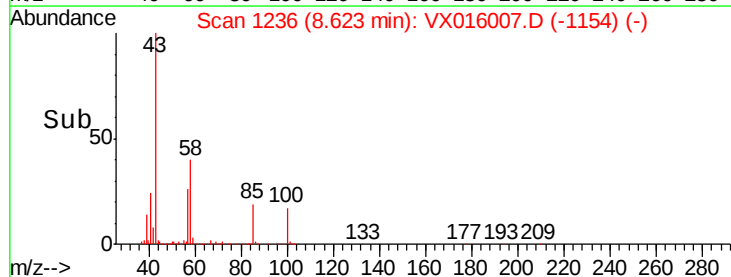
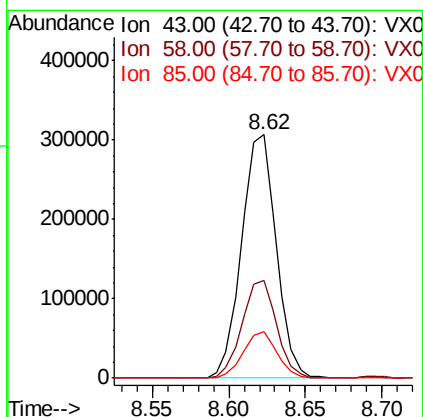
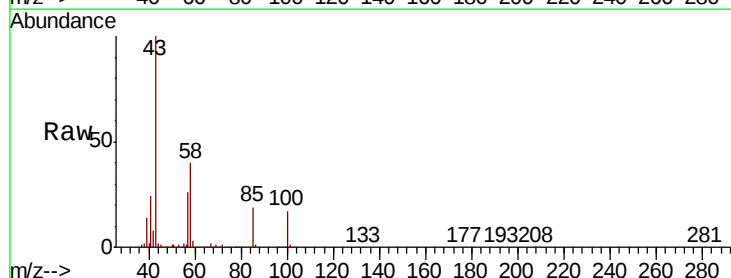
Instrument :
MSVOA_X
ClientSampled :

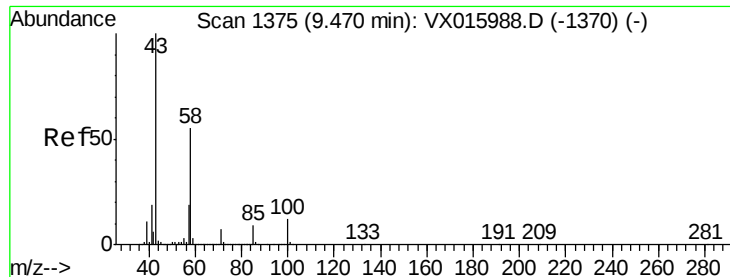
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.1	67.7
119	31.8	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 91.266 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.8	47.6
85	18.6	14.5	21.7

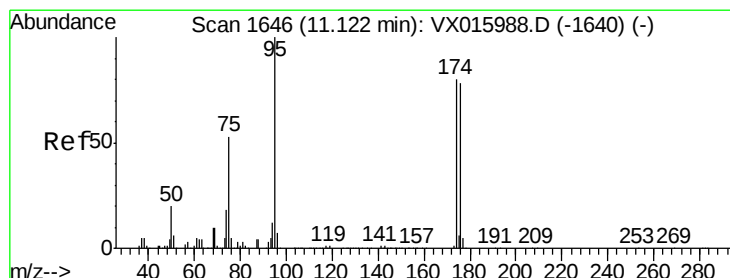
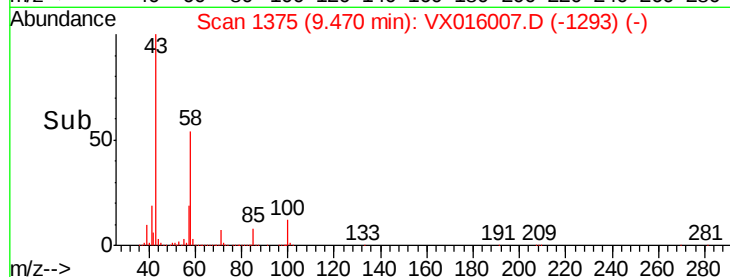
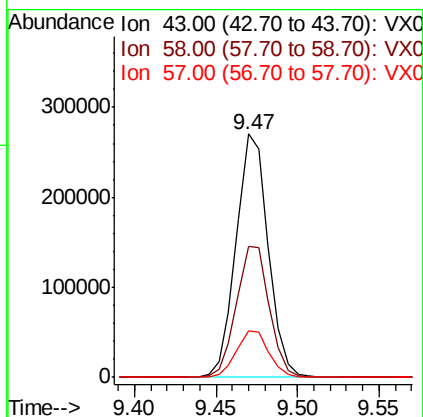
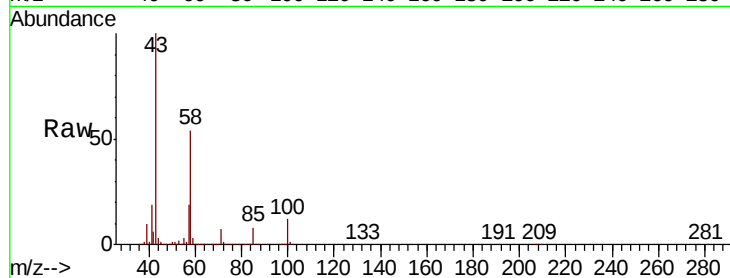




#59
2-Hexanone
Concen: 90.584 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

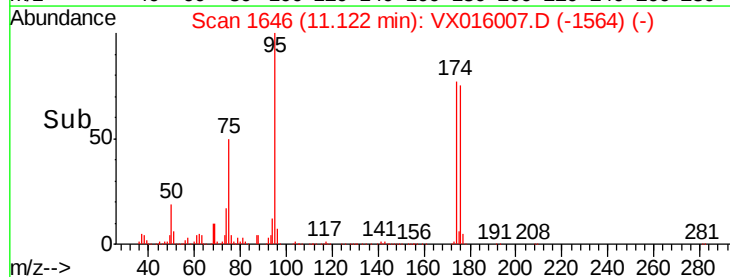
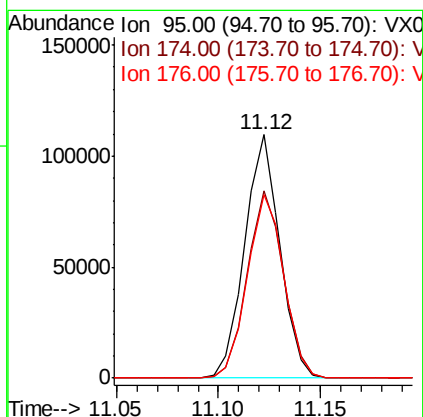
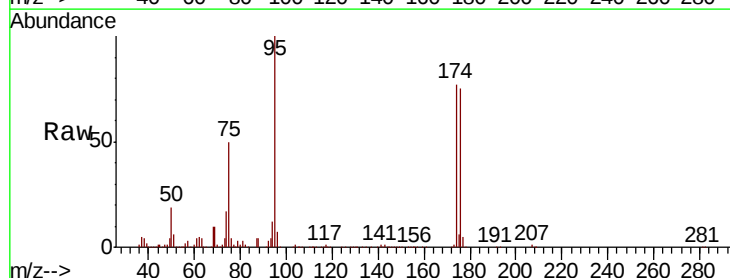
Instrument :
MSVOA_X
ClientSampleId :

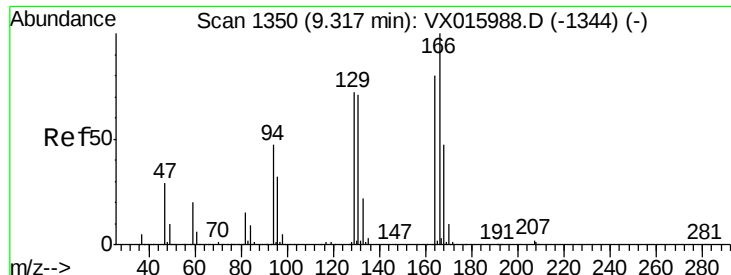
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	44.0	66.0
57	19.5	15.5	23.3



#60
4-Bromofluorobenzene
Concen: 29.248 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	64.8	97.2
176	77.8	62.4	93.6





#61

Tetrachloroethene

Concen: 18.823 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 99794

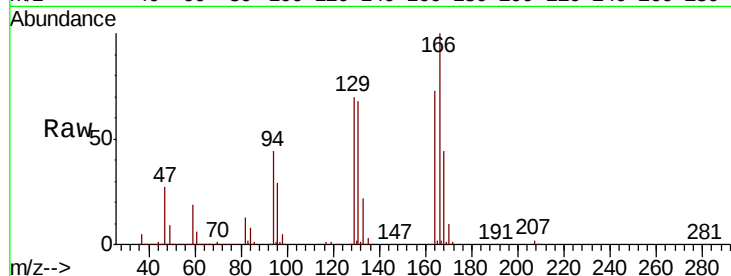
Ion Ratio Lower Upper

164 100

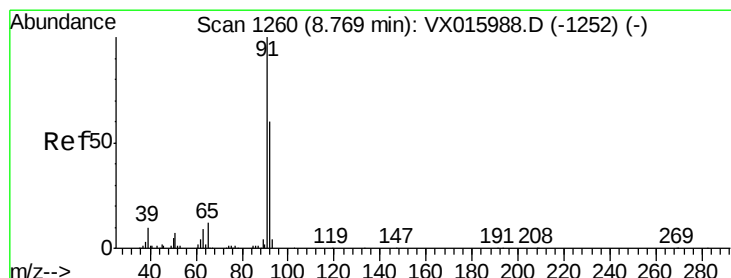
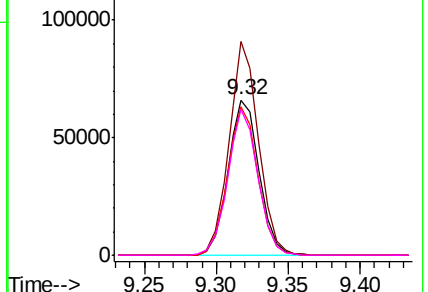
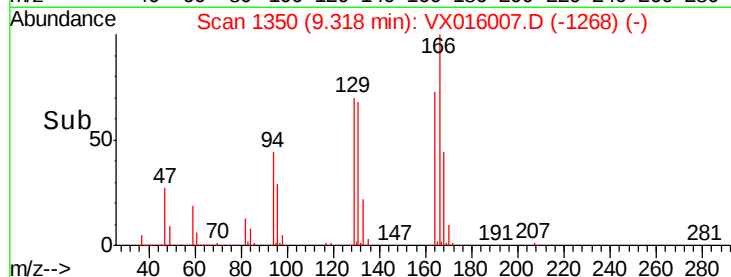
166 137.5 100.1 150.1

129 95.9 72.2 108.4

131 93.5 71.3 106.9



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.381 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016007.D

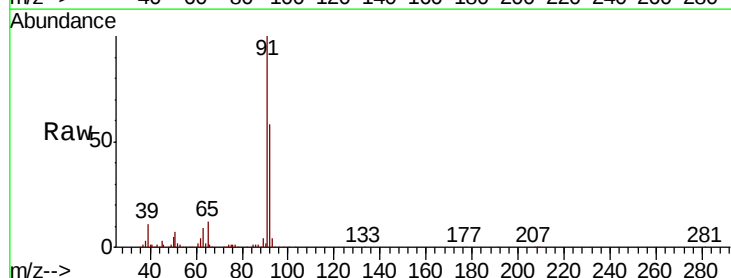
Acq: 01 May 2020 13:24

Tgt Ion: 91 Resp: 263182

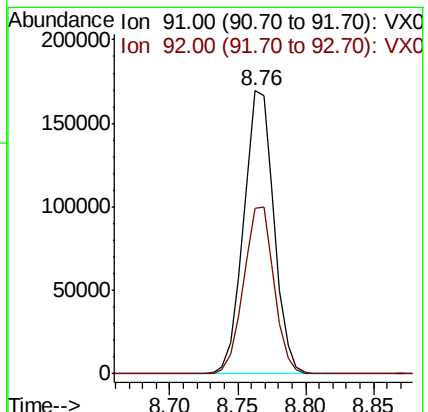
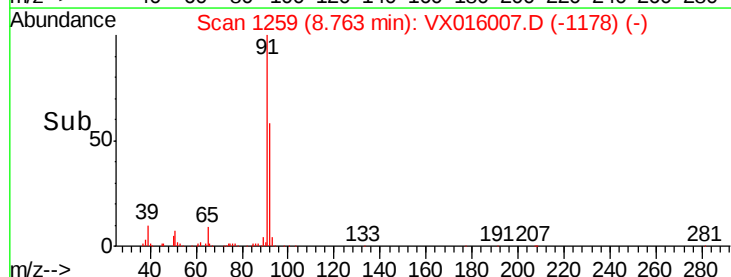
Ion Ratio Lower Upper

91 100

92 59.4 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.479 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

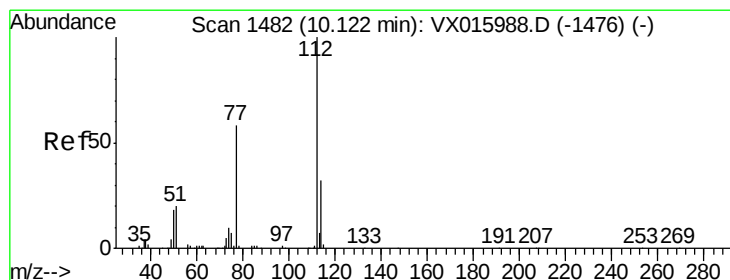
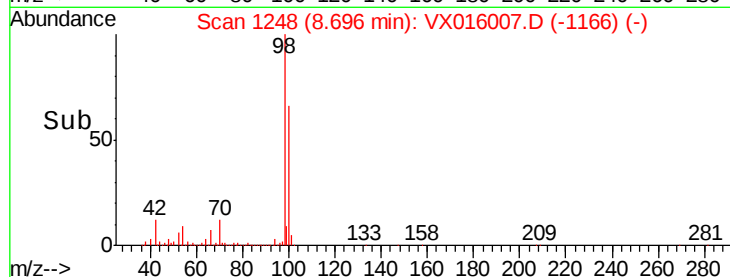
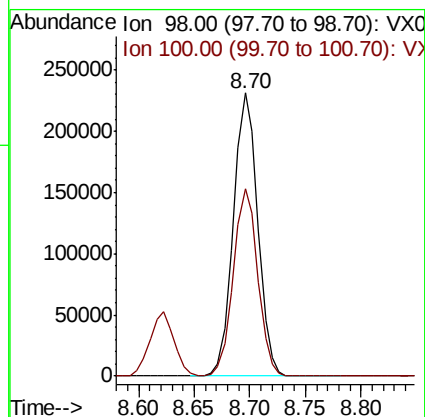
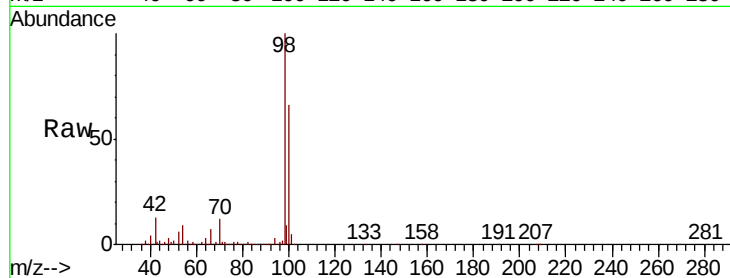
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 350425

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



#64

Chlorobenzene

Concen: 18.157 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016007.D

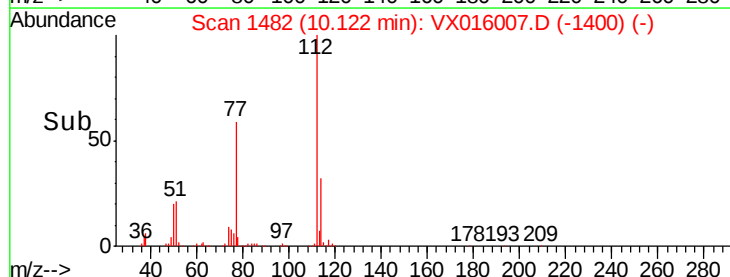
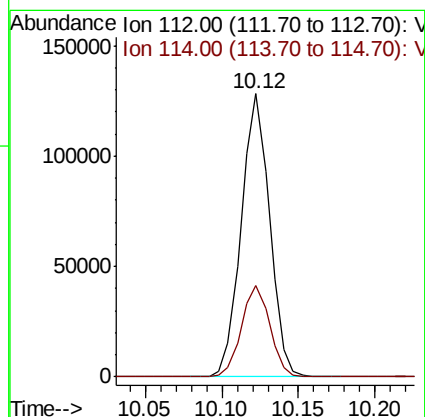
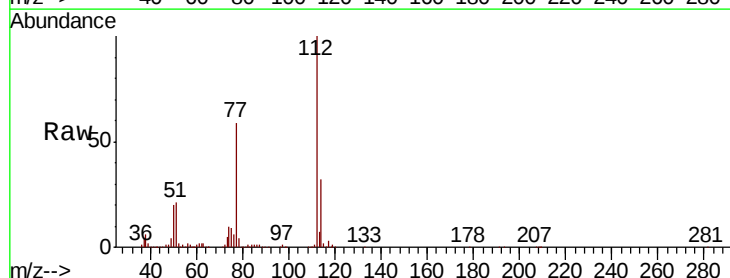
Acq: 01 May 2020 13:24

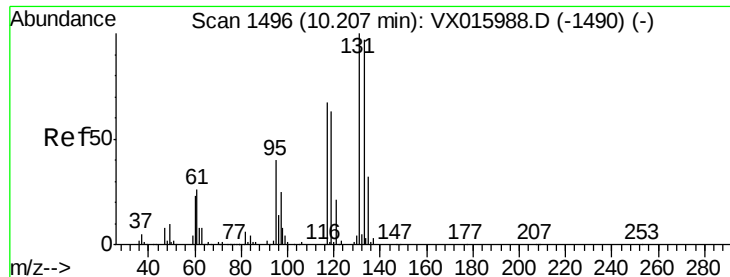
Tgt Ion: 112 Resp: 165541

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.614 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

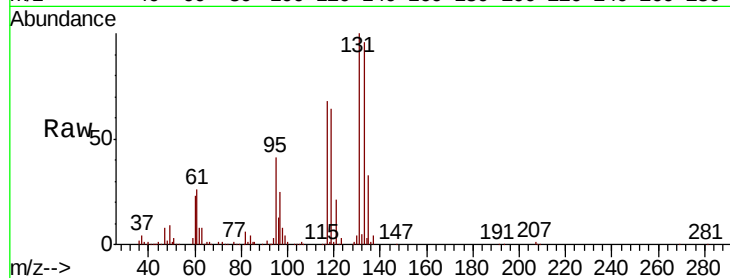
Tot Ion:131 Resp: 60963

Ion Ratio Lower Upper

131 100

133 96.2 0.0 187.0

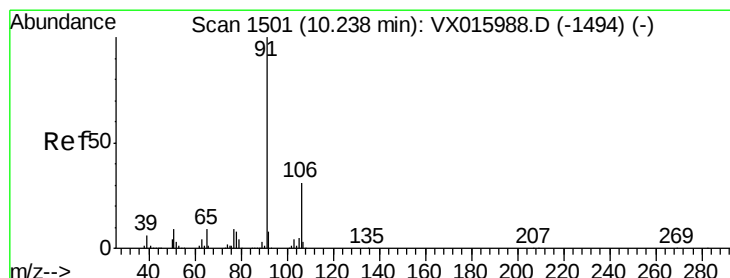
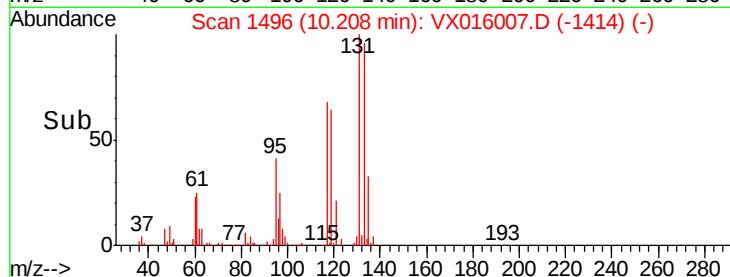
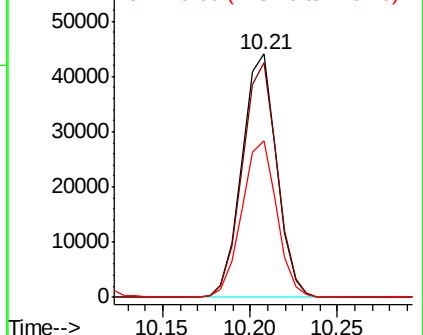
119 64.6 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.313 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016007.D

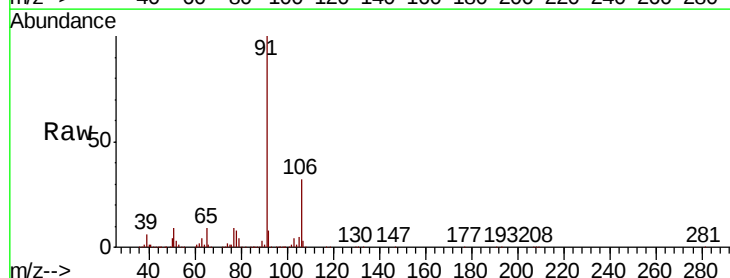
Acq: 01 May 2020 13:24

Tgt Ion: 91 Resp: 298592

Ion Ratio Lower Upper

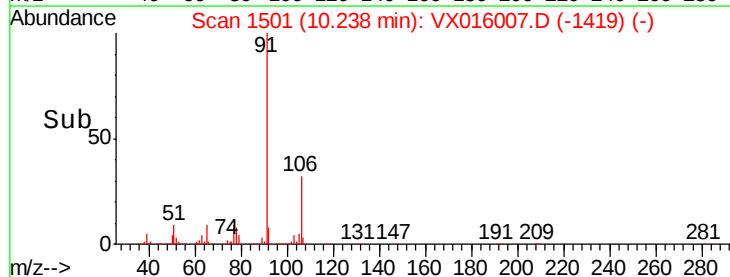
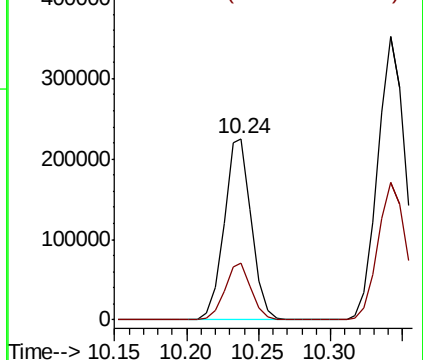
91 100

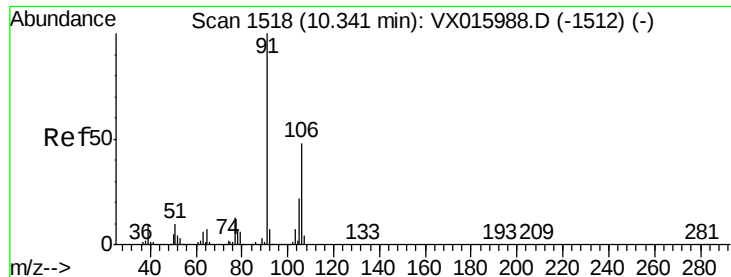
106 31.7 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

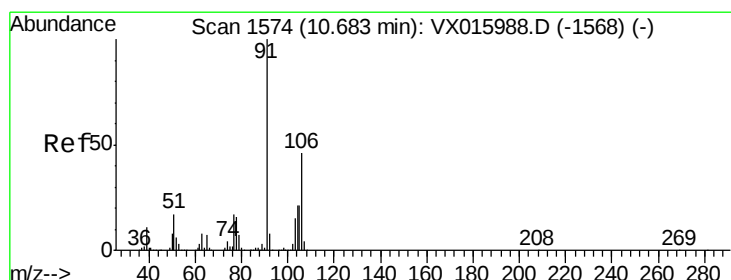
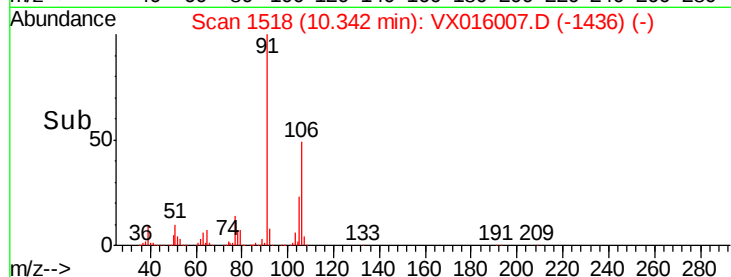
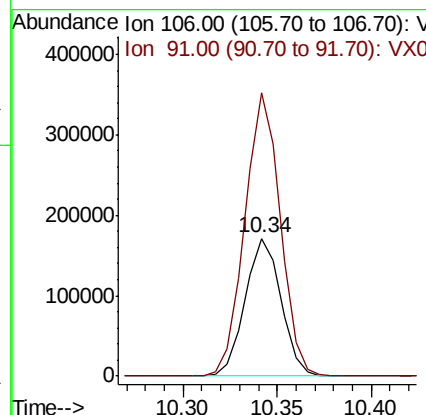
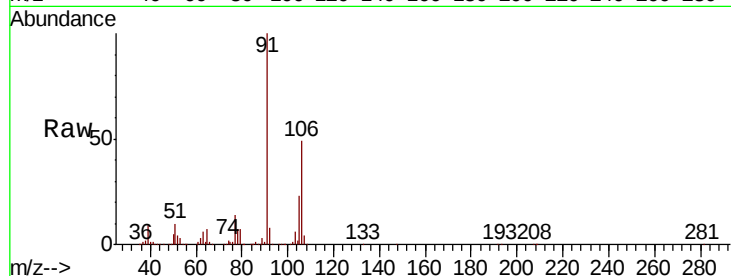




#67
m/p-Xylenes
Concen: 36.435 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

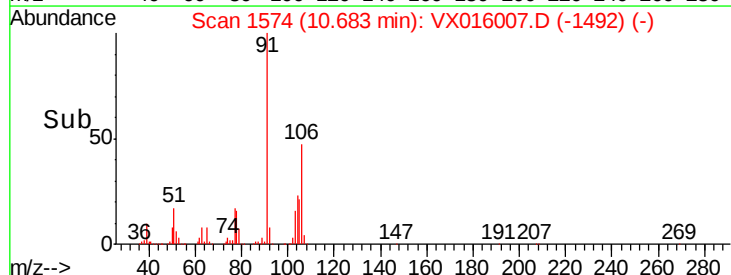
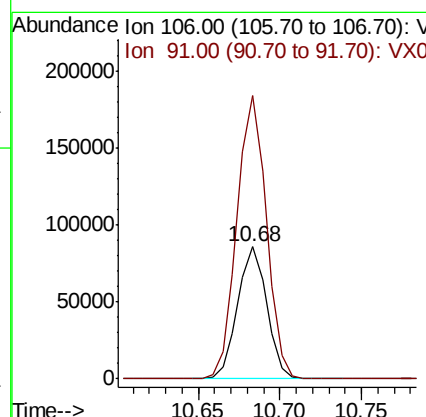
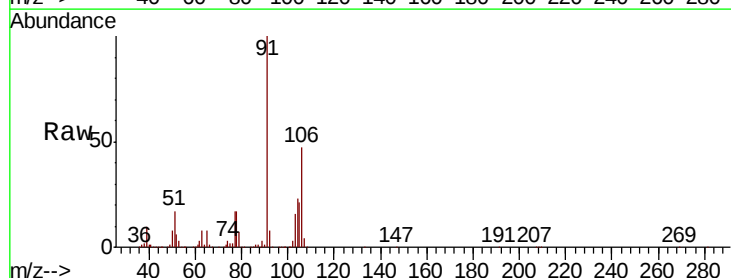
Instrument :
MSVOA_X
ClientSampleId :

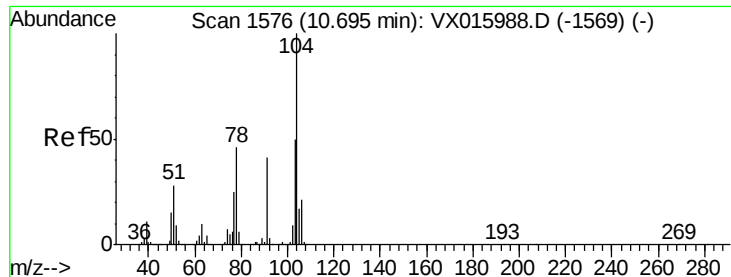
Tot Ion:106 Resp: 226303
Ion Ratio Lower Upper
106 100
91 202.8 164.2 246.4



#68
o-Xylene
Concen: 17.915 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion:106 Resp: 107302
Ion Ratio Lower Upper
106 100
91 215.9 108.3 325.0





#69

Stvrene

Concen: 17.513 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

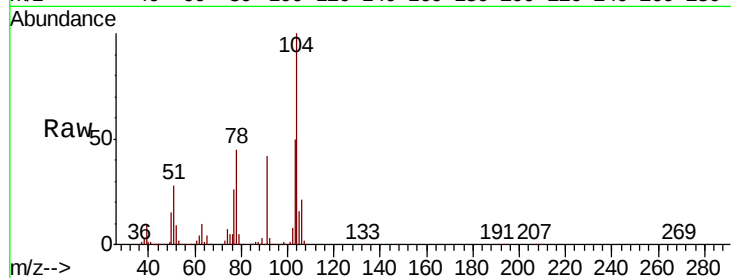
Tot Ion:104 Resp: 179522

Ion Ratio Lower Upper

104 100

78 51.3 40.7 61.1

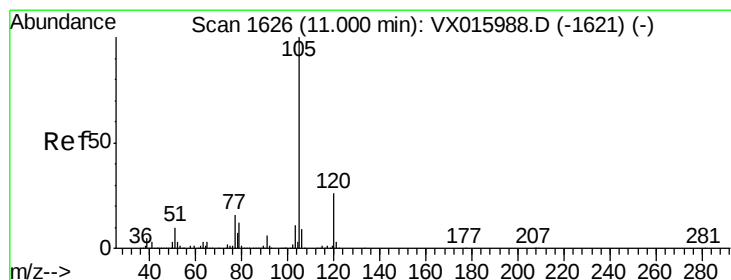
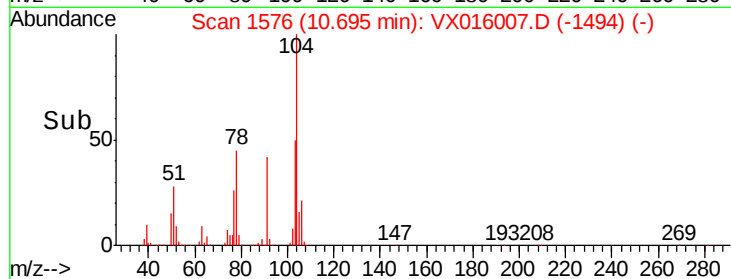
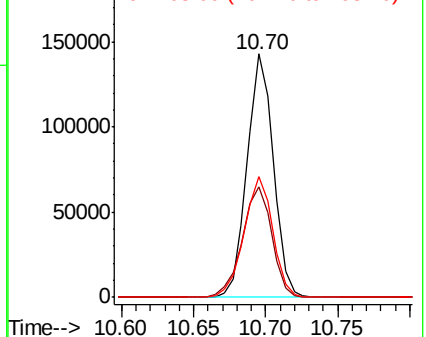
103 54.5 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 17.878 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016007.D

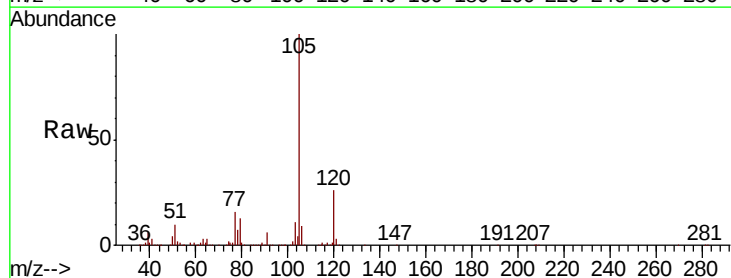
Acq: 01 May 2020 13:24

Tgt Ion:105 Resp: 289112

Ion Ratio Lower Upper

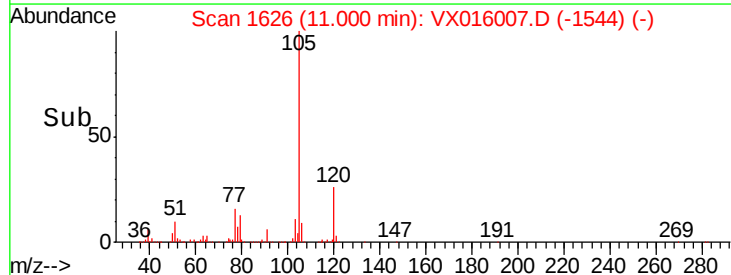
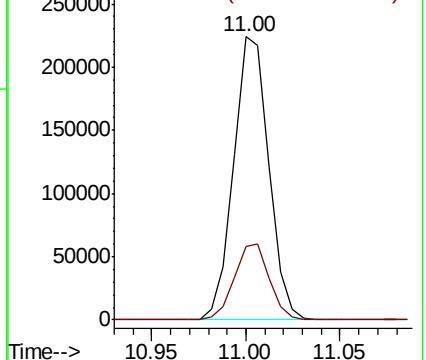
105 100

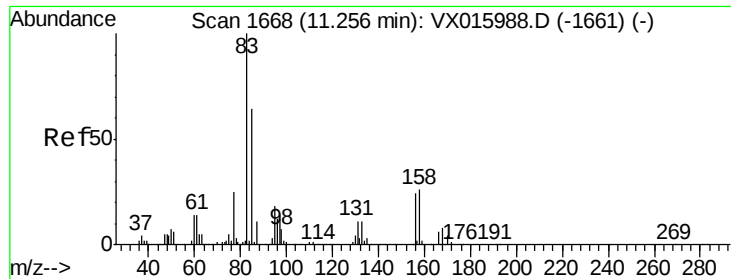
120 26.7 18.6 34.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 15.489 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

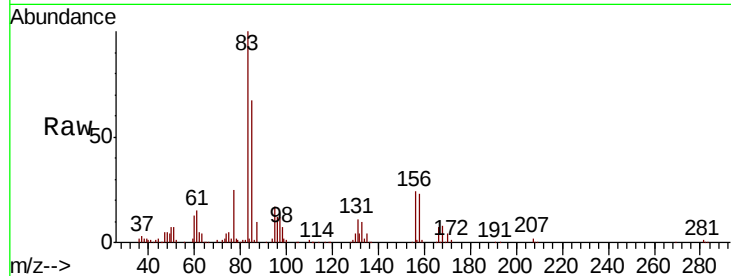
Tot Ion: 83 Resp: 46563

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

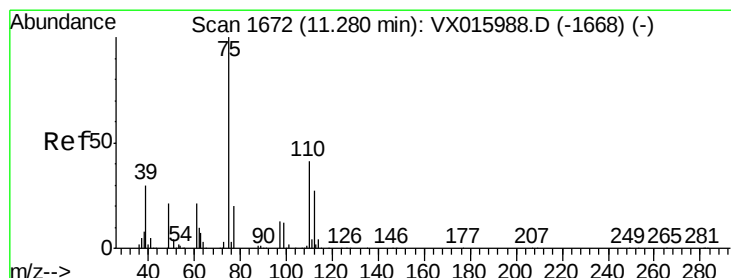
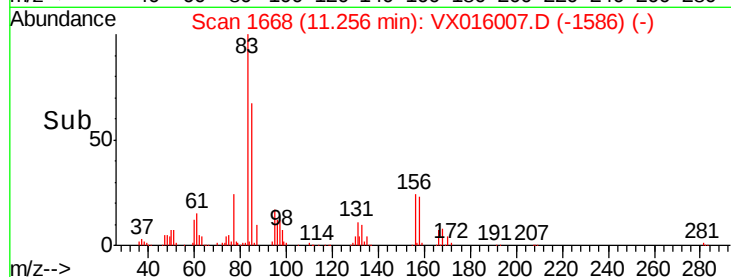
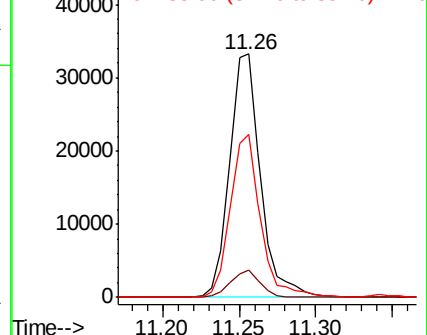
85 65.4 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.535 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016007.D

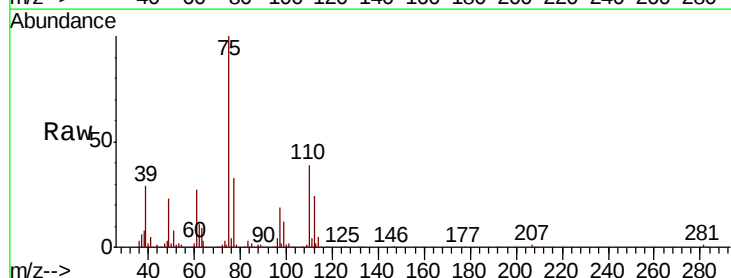
Acq: 01 May 2020 13:24

Tgt Ion: 75 Resp: 119460

Ion Ratio Lower Upper

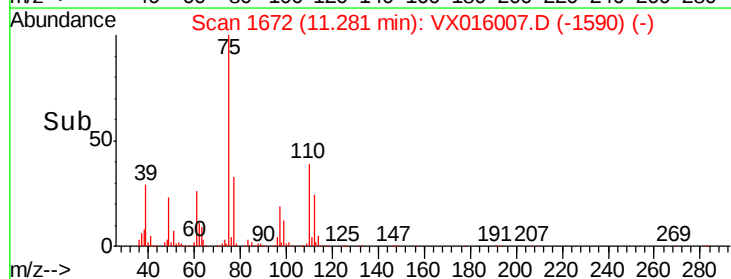
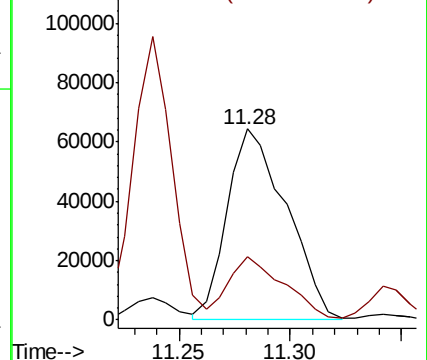
75 100

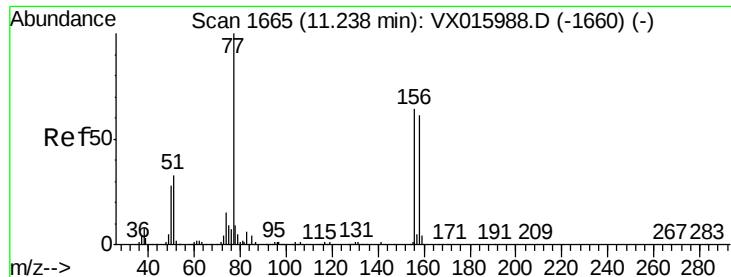
77 31.0 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.896 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

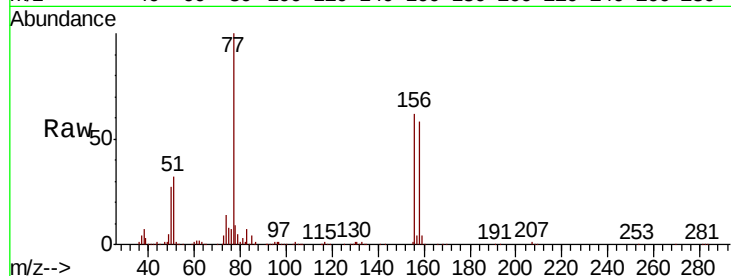
Tot Ion:156 Resp: 72927

Ion Ratio Lower Upper

156 100

77 159.2 0.0 318.0

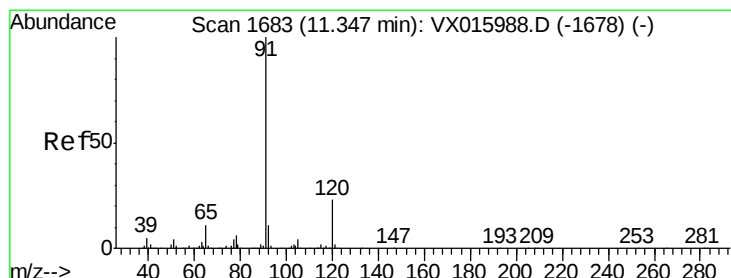
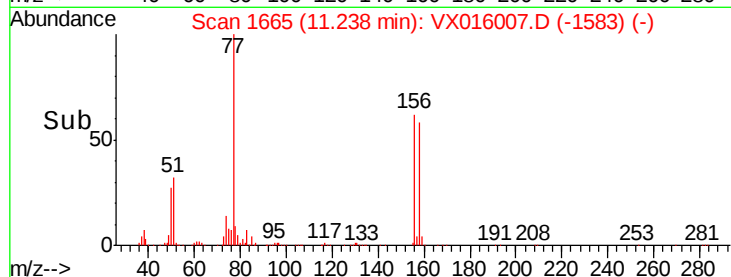
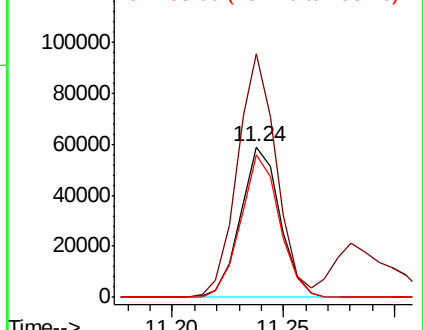
158 93.6 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.112 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016007.D

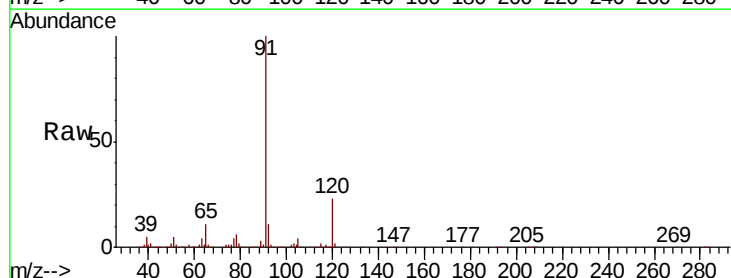
Acq: 01 May 2020 13:24

Tgt Ion: 91 Resp: 340196

Ion Ratio Lower Upper

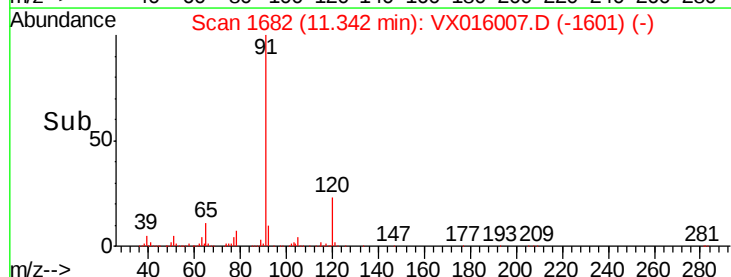
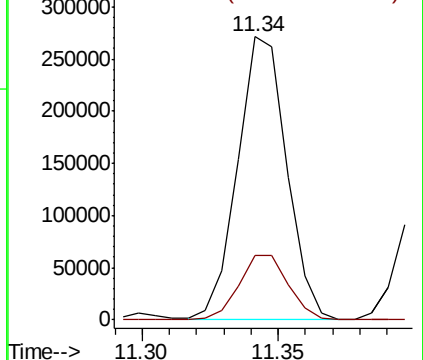
91 100

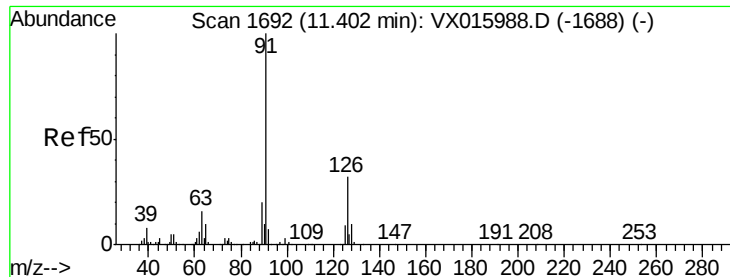
120 23.0 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

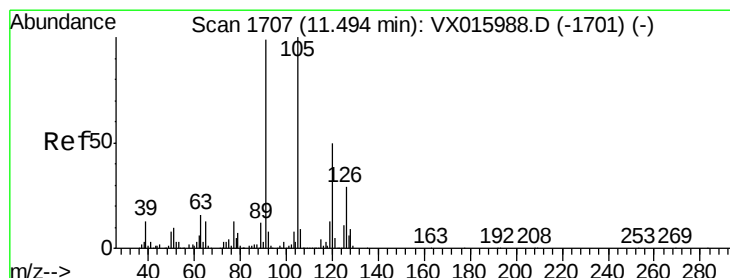
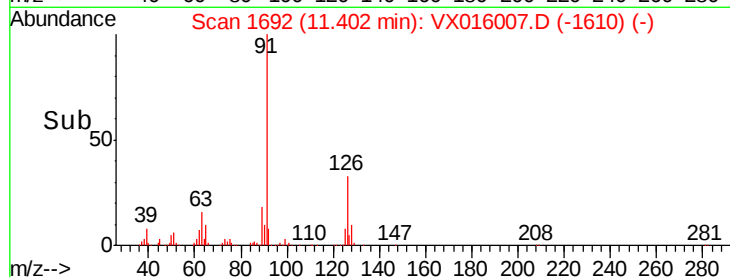
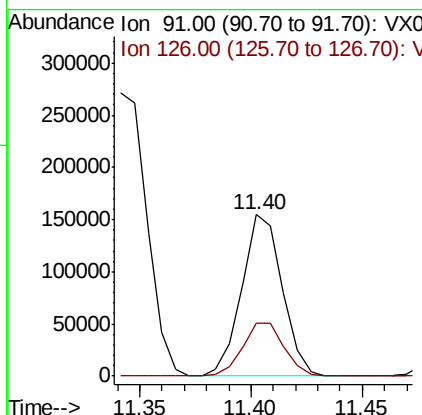
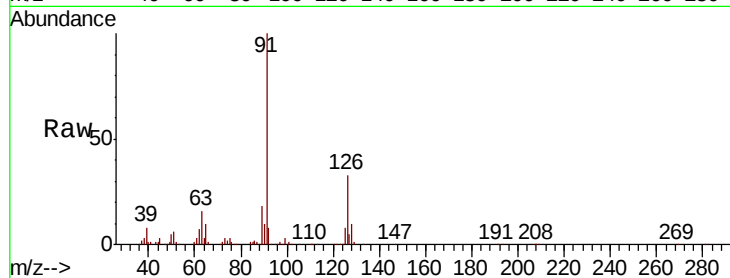




#75
 2-Chlorotoluene
 Concen: 17.851 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

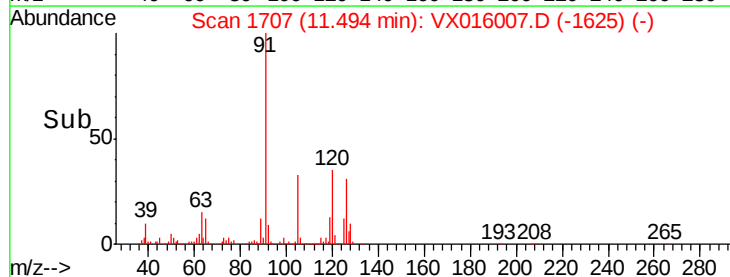
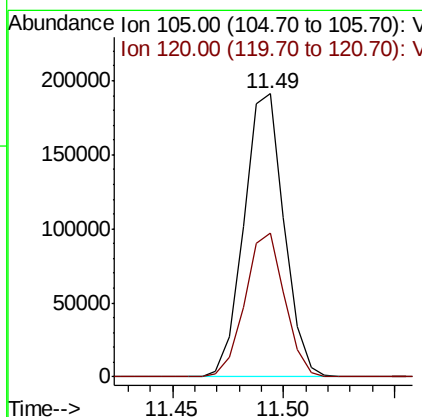
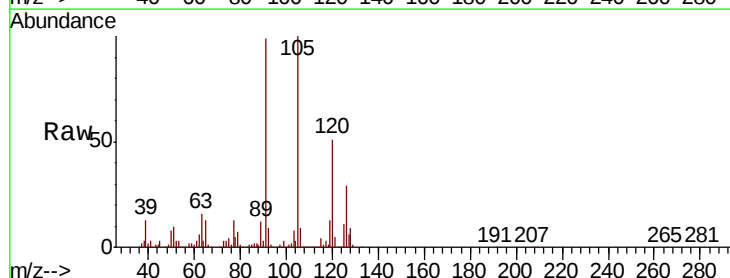
Instrument :
 MSVOA_X
 ClientSampleId :

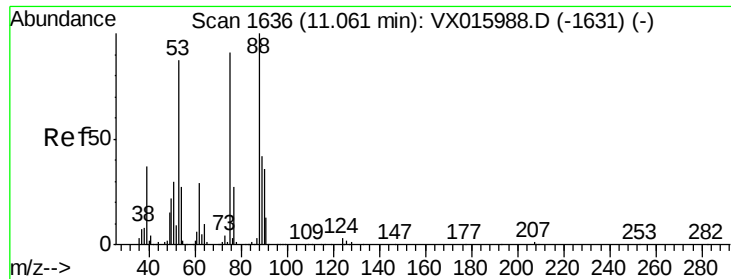
Tot Ion: 91 Resp: 197031
 Ion Ratio Lower Upper
 91 100
 126 34.1 0.0 66.2



#76
 1,3,5-Trimethylbenzene
 Concen: 17.534 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion: 105 Resp: 240688
 Ion Ratio Lower Upper
 105 100
 120 49.9 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.146 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

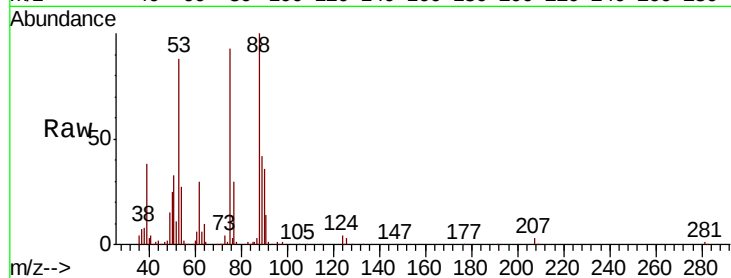
Tot Ion: 75 Resp: 35896

Ion Ratio Lower Upper

75 100

53 95.3 48.0 144.2

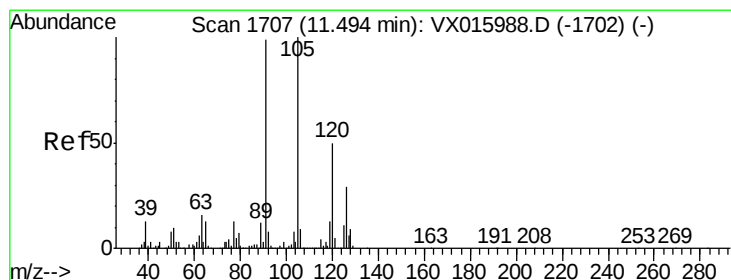
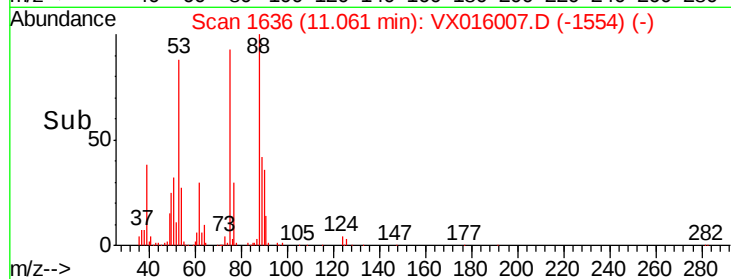
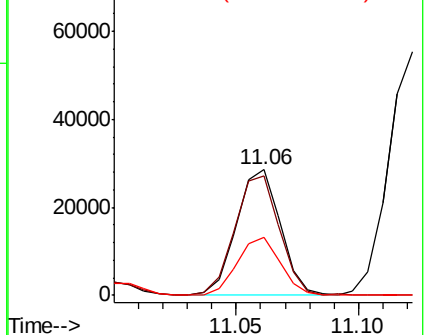
89 45.9 23.4 70.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 17.859 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016007.D

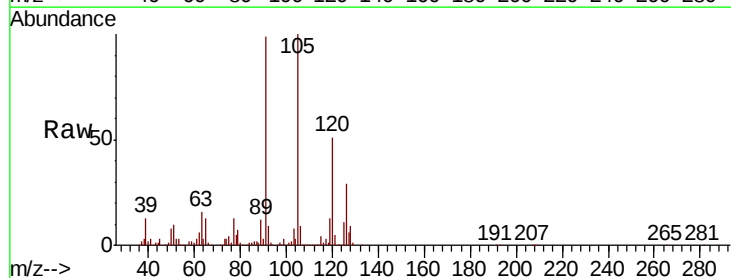
Acq: 01 May 2020 13:24

Tgt Ion: 91 Resp: 233327

Ion Ratio Lower Upper

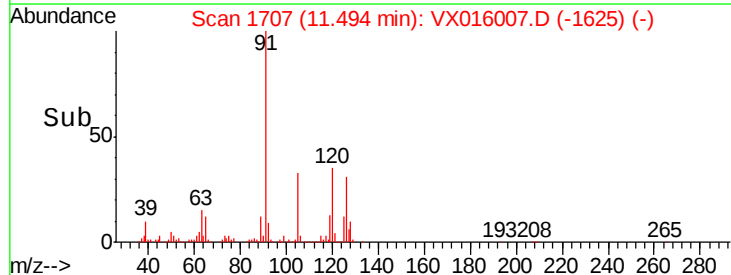
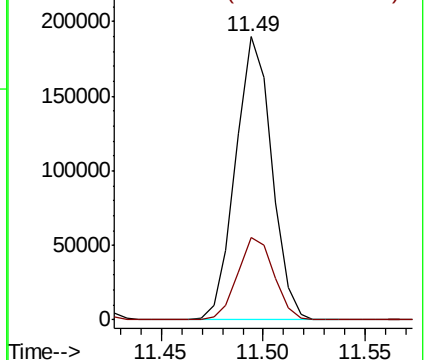
91 100

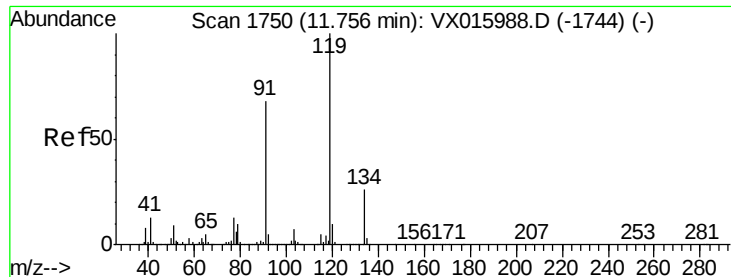
126 29.3 0.0 58.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 17.733 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

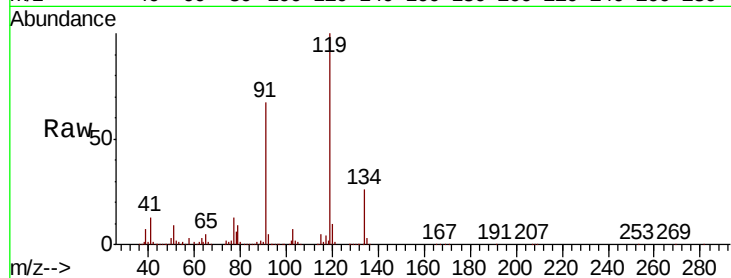
Tot Ion:119 Resp: 207892

Ion Ratio Lower Upper

119 100

91 66.2 0.0 135.6

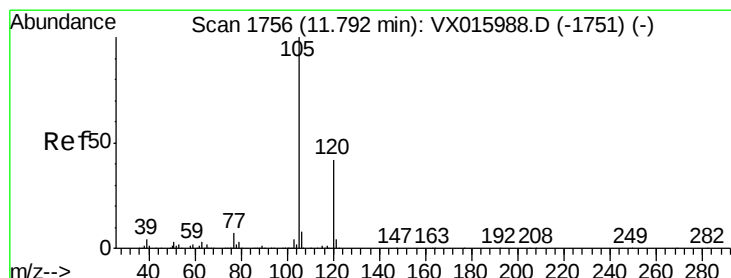
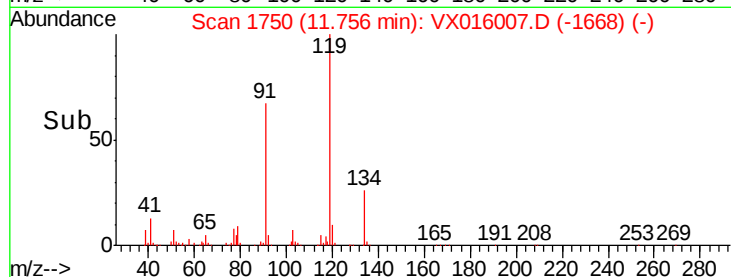
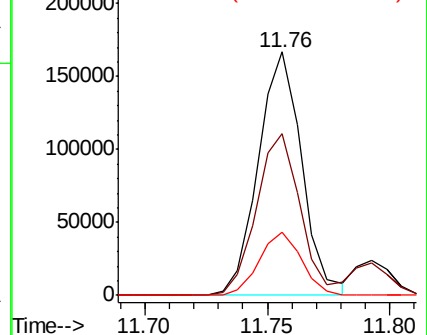
134 25.3 0.0 51.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 17.783 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016007.D

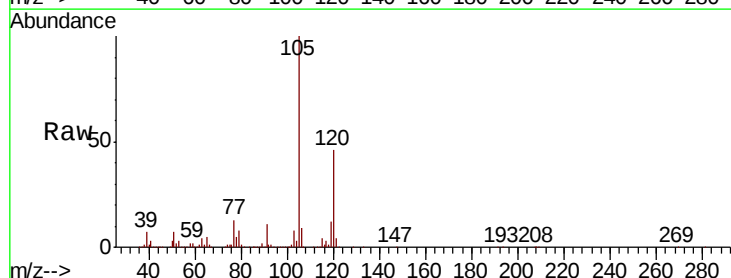
Acq: 01 May 2020 13:24

Tgt Ion:105 Resp: 243865

Ion Ratio Lower Upper

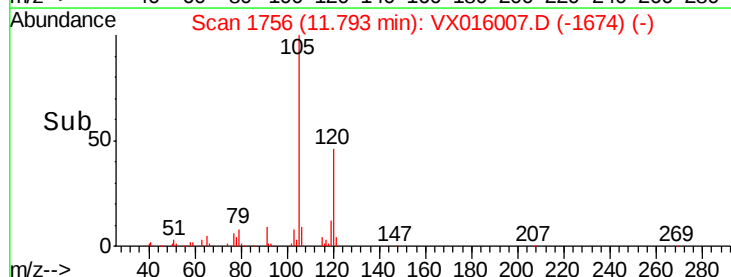
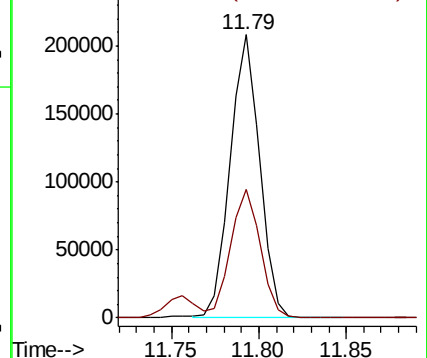
105 100

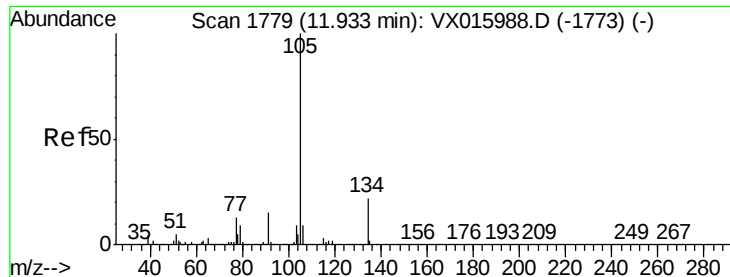
120 45.6 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 17.840 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

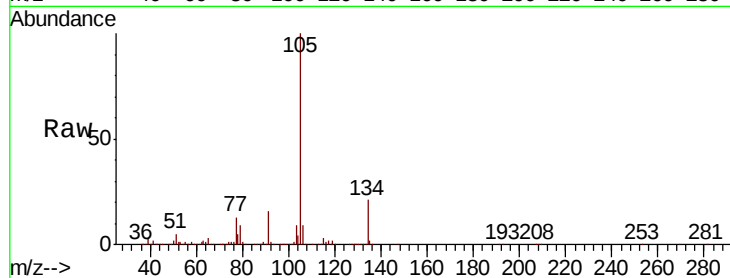
ClientSampled :

Tot Ion:105 Resp: 282089

Ion Ratio Lower Upper

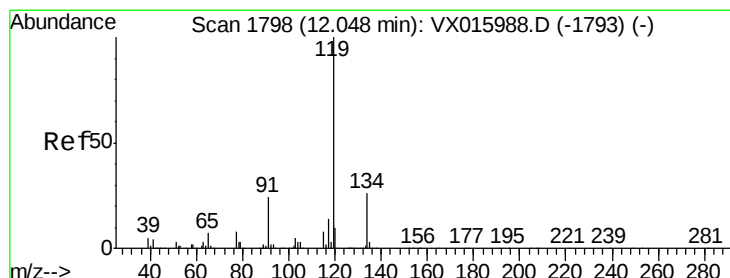
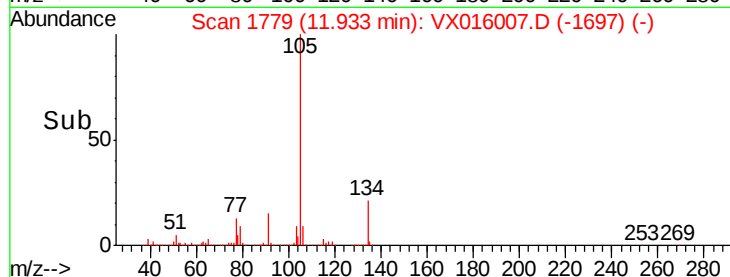
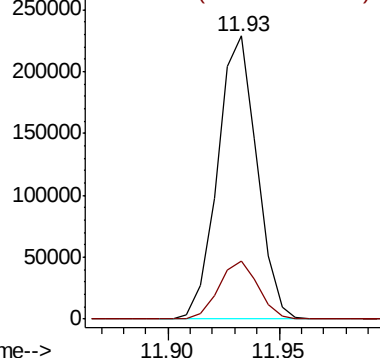
105 100

134 20.6 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 17.794 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

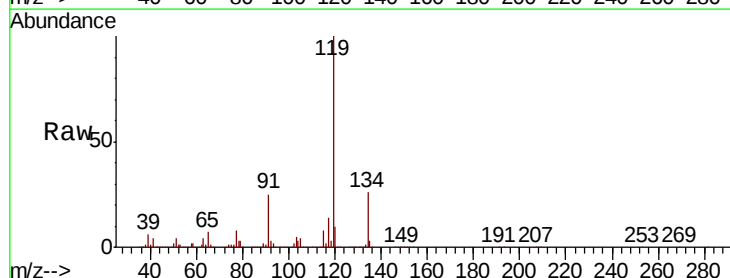
Tgt Ion:119 Resp: 260724

Ion Ratio Lower Upper

119 100

134 26.7 0.0 52.6

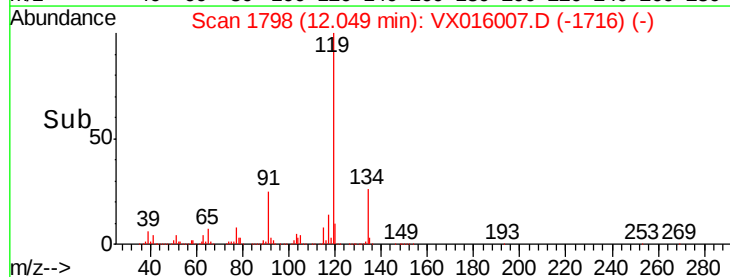
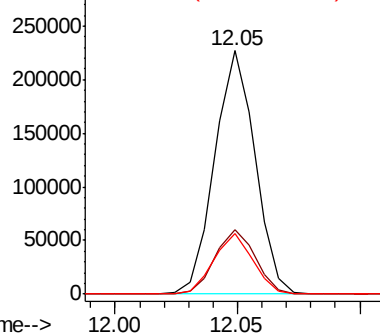
91 24.1 0.0 47.6

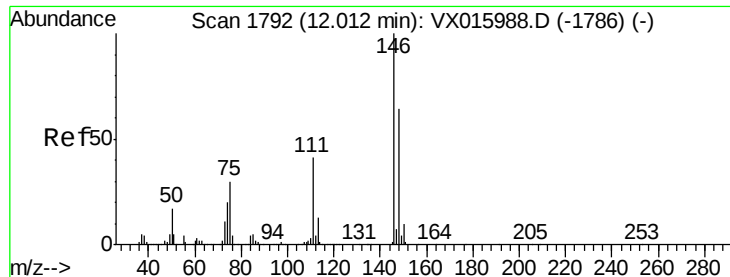


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

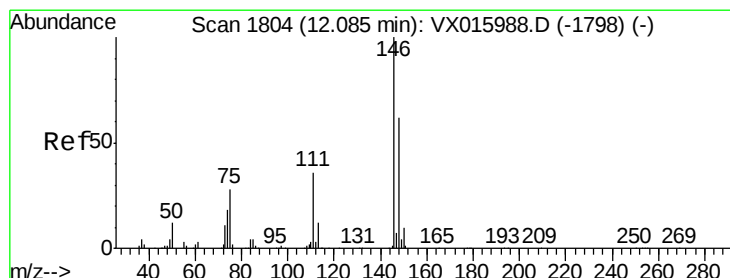
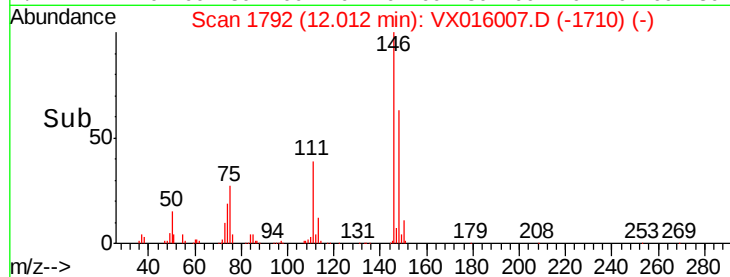
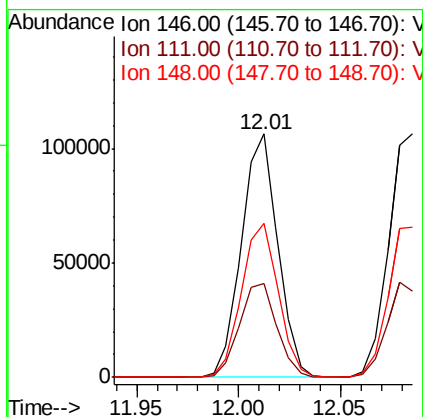
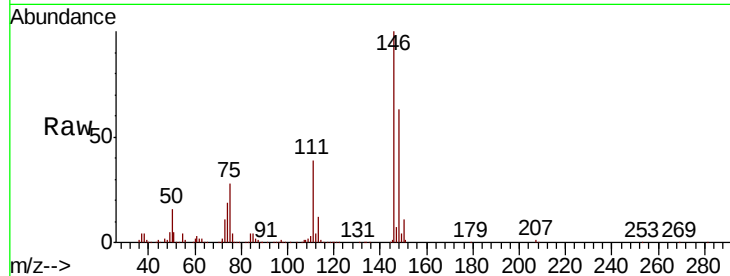




#83
 1,3-Dichlorobenzene
 Concen: 17.968 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

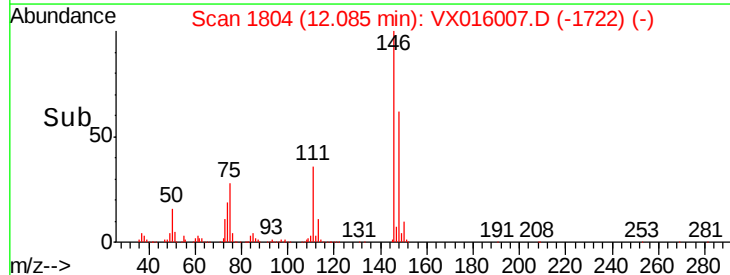
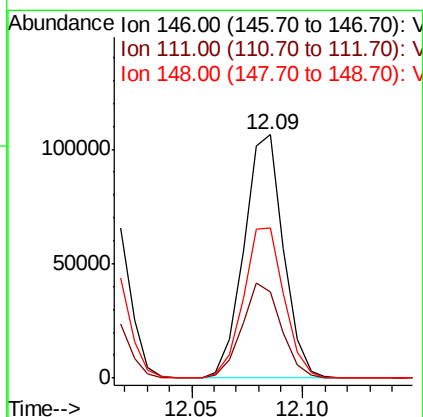
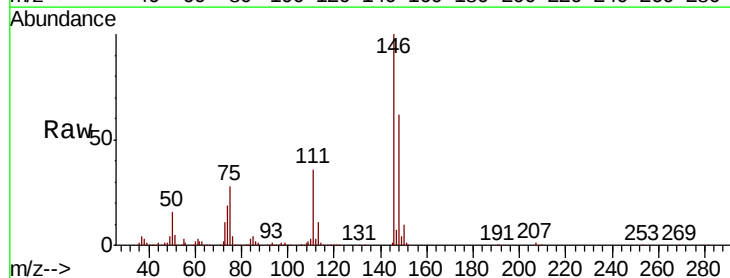
Instrument :
 MSVOA_X
 ClientSampleId :

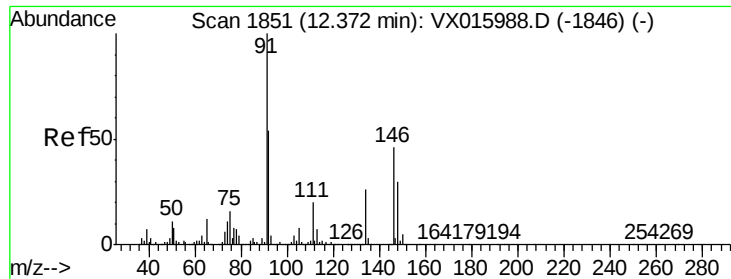
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.3
148	63.7	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.097 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.0
148	63.4	32.0	96.0

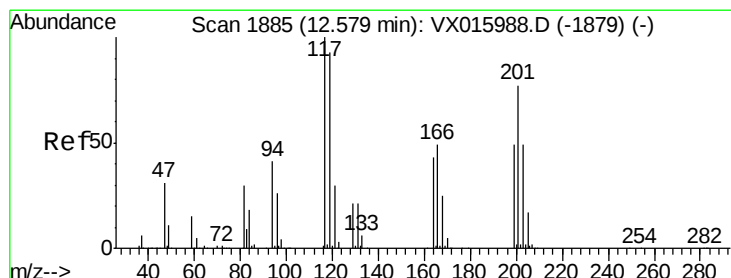
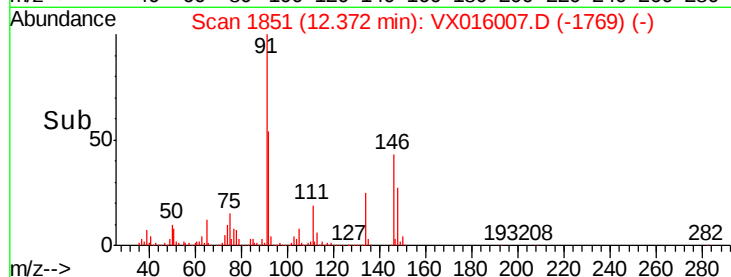
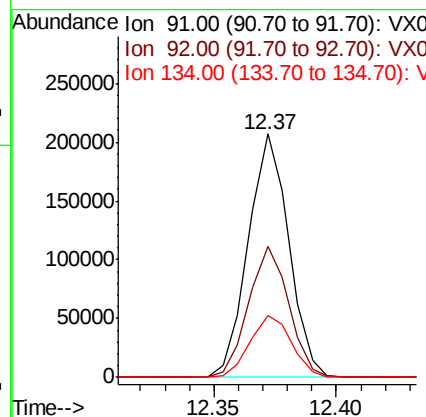
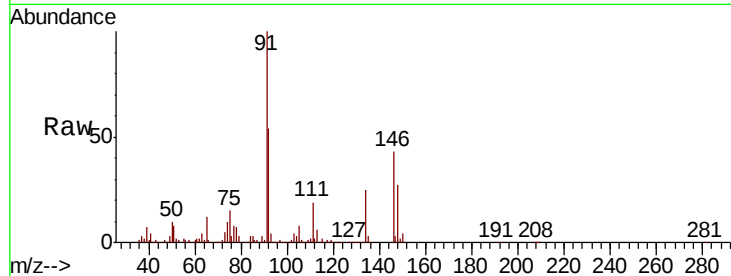




#85
n-Butylbenzene
Concen: 17.804 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

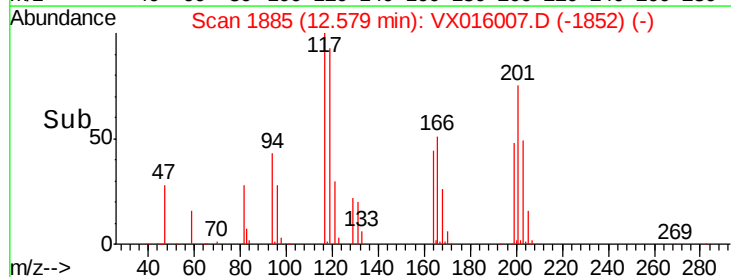
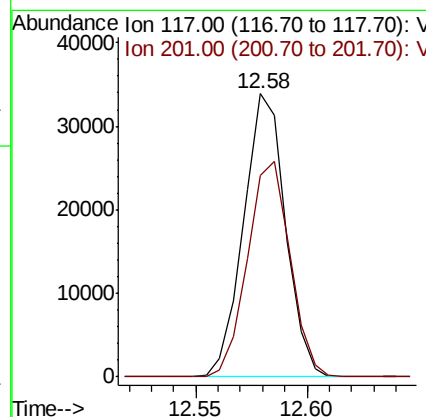
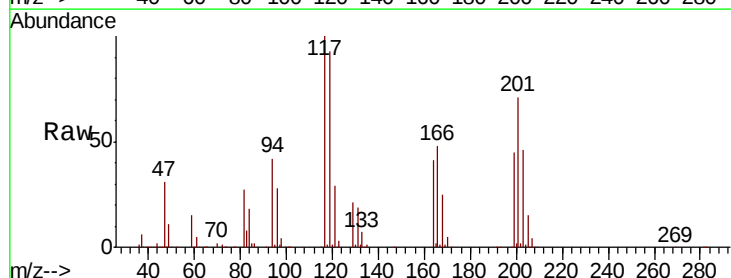
Instrument :
MSVOA_X
ClientSampled :

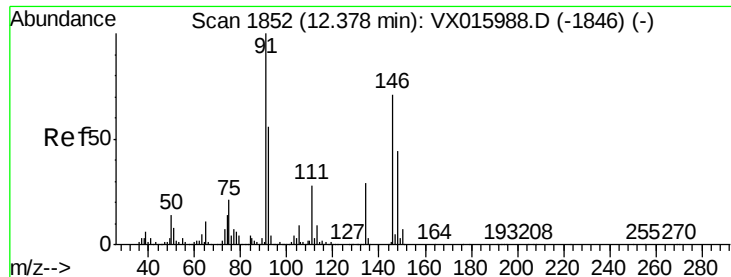
Tot Ion: 91 Resp: 238303
Ion Ratio Lower Upper
91 100
92 53.4 0.0 110.2
134 26.1 0.0 53.4



#86
Hexachloroethane
Concen: 17.270 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion: 117 Resp: 44548
Ion Ratio Lower Upper
117 100
201 77.5 40.1 120.2

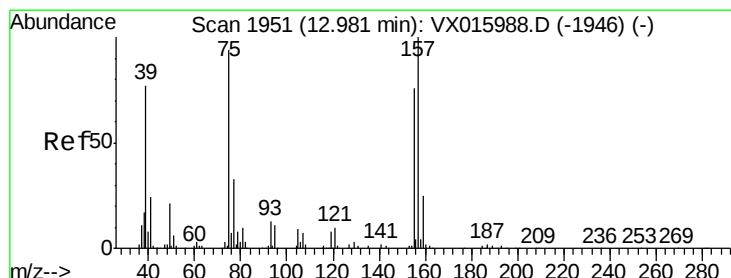
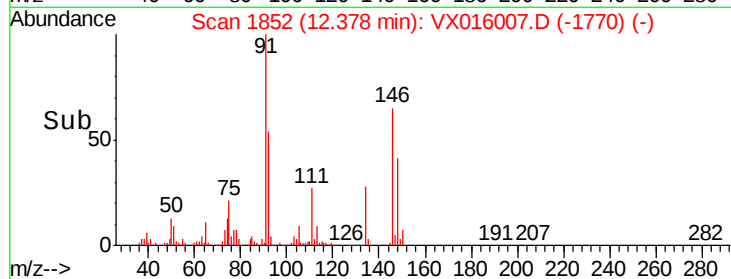
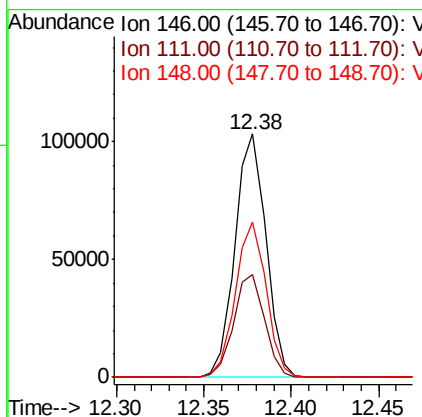
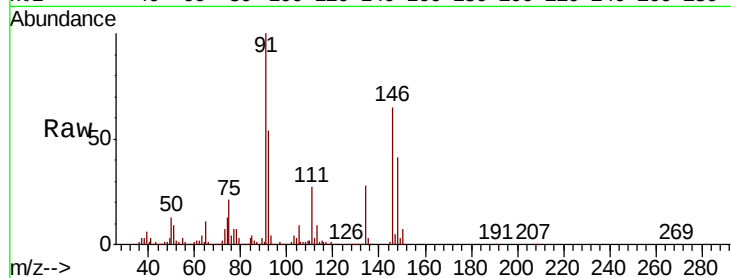




#87
 1,2-Dichlorobenzene
 Concen: 17.937 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

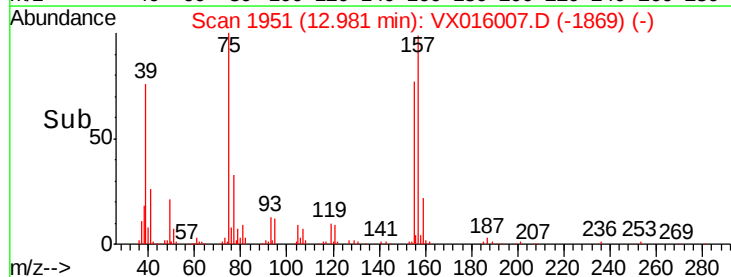
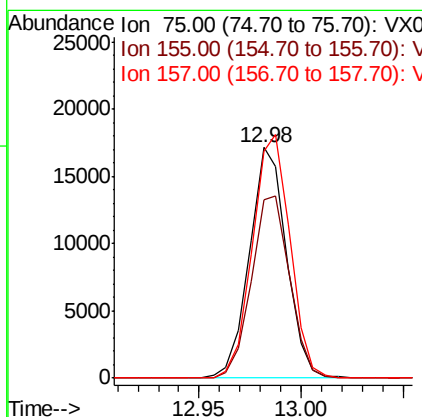
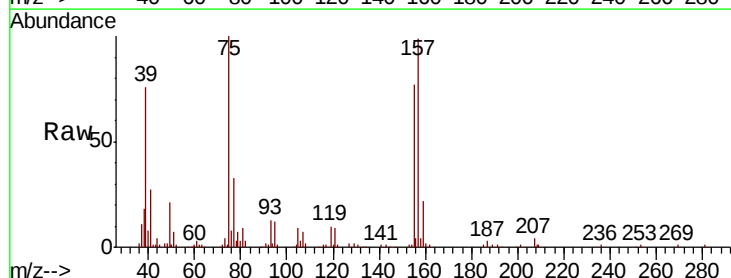
Instrument :
 MSVOA_X
 ClientSampled :

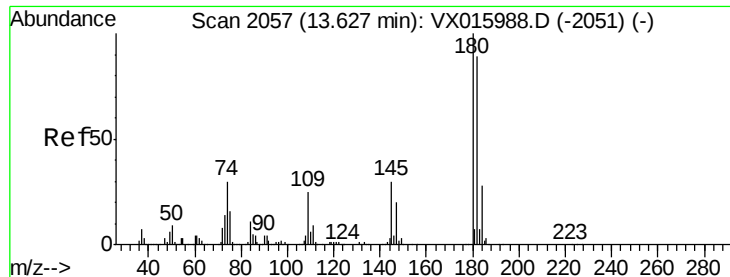
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	63.1	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.239 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	66.9	100.3
157	107.3	88.2	132.2





#89

1,2,4-Trichlorobenzene

Concen: 17.298 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

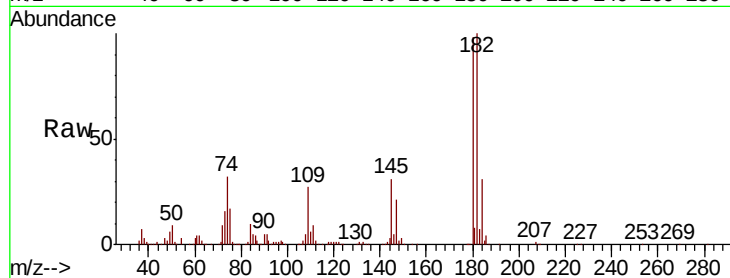
Tot Ion:180 Resp: 90532

Ion Ratio Lower Upper

180 100

182 98.1 75.0 112.6

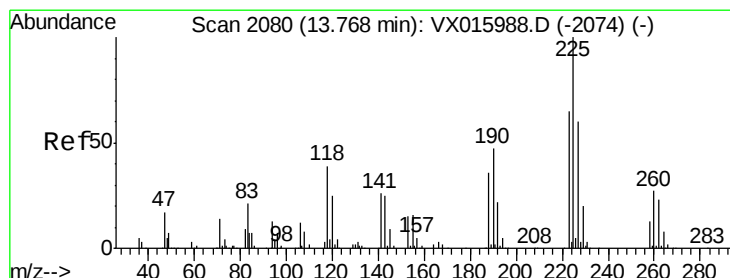
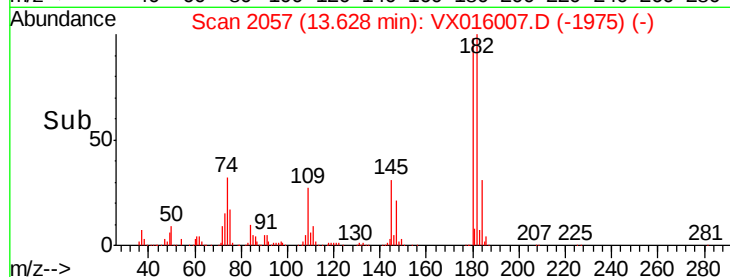
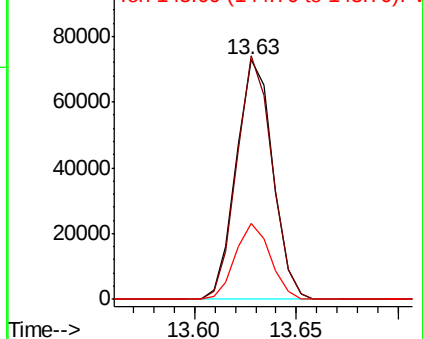
145 30.5 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 17.835 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

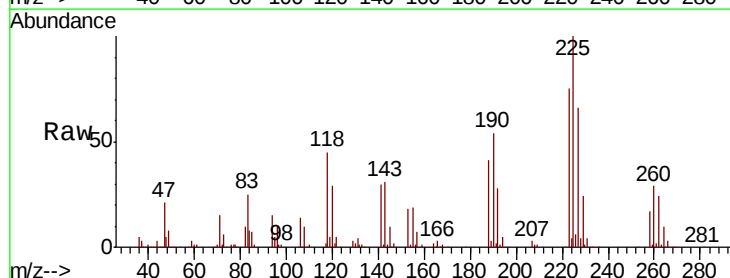
Tgt Ion:225 Resp: 40117

Ion Ratio Lower Upper

225 100

223 67.0 0.0 123.6

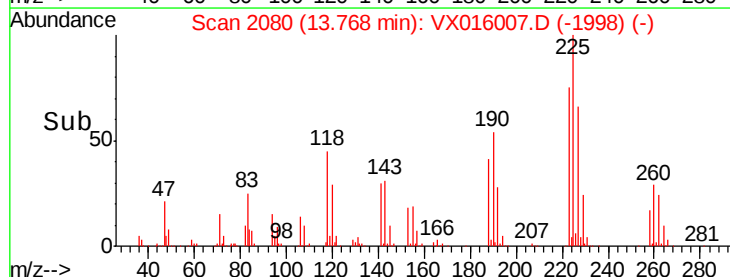
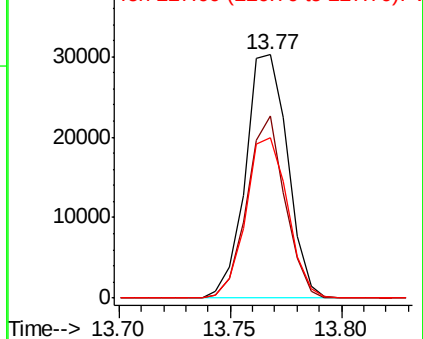
227 65.3 0.0 123.6

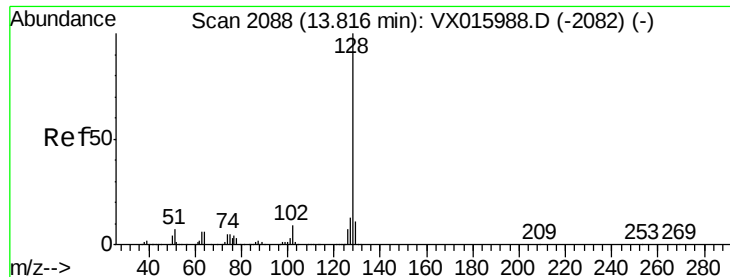


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 17.734 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

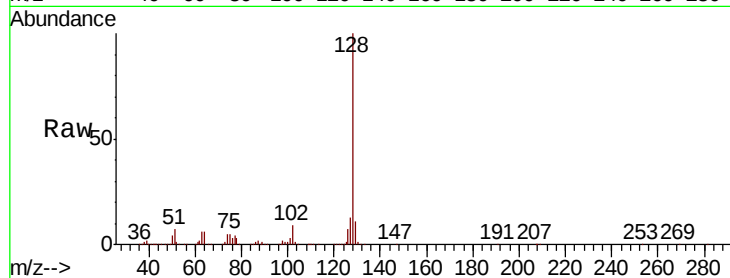
Tot Ion:128 Resp: 295486

Ion Ratio Lower Upper

128 100

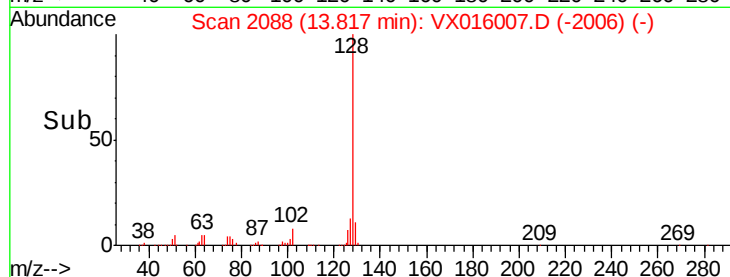
127 12.8 10.5 15.7

129 10.8 8.6 13.0

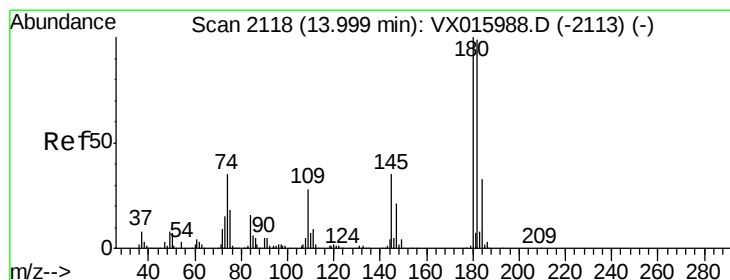


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.82



Time--> 13.75 13.80 13.85 13.90



#92

1,2,3-Trichlorobenzene

Concen: 18.011 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

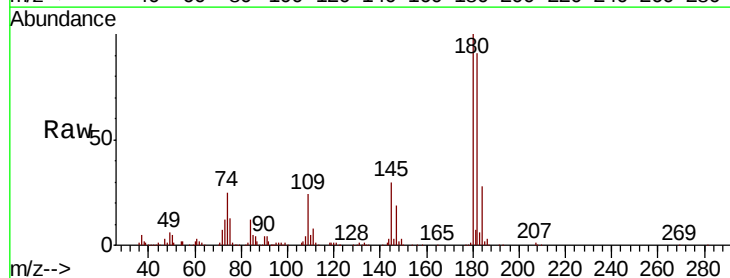
Tgt Ion:180 Resp: 90561

Ion Ratio Lower Upper

180 100

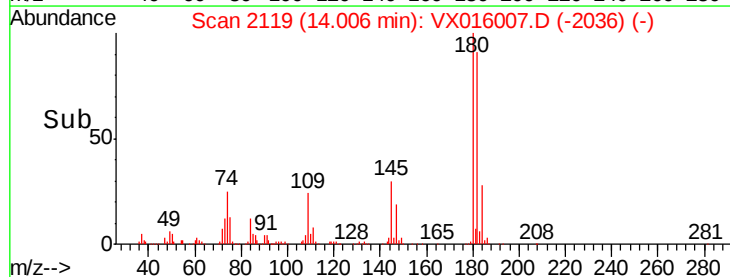
182 94.7 0.0 197.2

145 31.6 0.0 66.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

14.01



Time--> 13.95 14.00 14.05