

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016115.D
 Acq On : 08 May 2020 12:56
 Operator : JC/SP
 Sample : VX0508WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 01:39:52 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	4.99	128	50985	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	288532	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	262410	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	112672	28.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.83%
60) 4-Bromofluorobenzene	11.12	95	130401	29.63	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.77%
63) Toluene-d8	8.70	98	350177	31.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	71935	20.484	ug/l 100
3) Chloromethane	1.31	50	67542	19.630	ug/l 100
4) Vinyl Chloride	1.39	62	72826	18.629	ug/l 100
5) Bromomethane	1.63	94	46035	19.212	ug/l 97
6) Chloroethane	1.72	64	44670	17.430	ug/l 100
7) Trichlorofluoromethane	1.92	101	94074	16.801	ug/l 96
8) Diethyl Ether	2.17	74	36955	16.535	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55694	19.260	ug/l 98
10) 1,1-Dichloroethene	2.36	96	54824	18.792	ug/l 99
11) Methyl Iodide	2.49	142	68213	17.127	ug/l 99
12) Methyl Acetate	2.75	43	98703	19.377	ug/l 99
13) Acrolein	2.27	56	30783	75.385	ug/l 99
14) Acrylonitrile	3.11	53	181603	96.520	ug/l 98
15) Acetone	2.42	58	49291	98.990	ug/l 88
16) Carbon Disulfide	2.55	76	167398	18.861	ug/l 98
17) Allyl chloride	2.71	41	100311	18.535	ug/l 92
18) Methylene Chloride	2.84	84	63169	19.328	ug/l 92
19) trans-1,2-Dichloroethene	3.14	96	61869	19.389	ug/l 98
20) Diisopropyl ether	3.82	45	196061	18.789	ug/l 98
21) 1,1-Dichloroethane	3.67	63	110288	18.955	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	68030	18.787	ug/l 98
23) tert-Butyl Alcohol	3.01	59	84307	91.537	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	194811	18.594	ug/l 94
25) Chloroform	5.18	83	109201	18.479	ug/l 95
26) Cyclohexane	5.55	56	102459	19.257	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	84419	18.603	ug/l 99
30) 2-Butanone	4.63	43	246000	90.977	ug/l 98
31) 2,2-Dichloropropane	4.55	77	99525	18.224	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	99987	18.163	ug/l 98
33) Carbon Tetrachloride	5.76	117	87158	17.782	ug/l 100
34) Benzene	6.11	78	252146	19.023	ug/l 99
35) Methacrylonitrile	5.00	41	52055	18.128	ug/l 96
36) 1,2-Dichloroethane	6.17	62	88051	17.395	ug/l 99
37) Trichloroethene	7.19	130	88585	18.787	ug/l 100
38) Methylcyclohexane	7.44	83	105860	19.089	ug/l 99
39) 1,2-Dichloropropane	7.49	63	65007	19.106	ug/l 97
40) Dibromomethane	7.64	93	43003	18.201	ug/l 98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	87932	18.054	ug/l	98
42) Vinyl Acetate	3.78	43	797837	89.186	ug/l	99
43) Ethyl Acetate	4.79	43	95667	17.936	ug/l	99
44) Isopropyl Acetate	6.41	43	155820	18.002	ug/l	98
45) 1,4-Dioxane	7.71	88	33646	368.003	ug/l	99
46) Methyl methacrylate	7.74	41	72369	17.636	ug/l	94
47) n-amyl Acetate	10.88	43	126888	16.765	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	102591	18.139	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	108357	18.543	ug/l	93
50) 1,1,2-Trichloroethane	9.20	97	62081	18.647	ug/l	98
51) Ethyl methacrylate	9.16	69	98824	17.975	ug/l	93
52) 1,3-Dichloropropane	9.35	76	107357	18.653	ug/l	99
53) Dibromochloromethane	9.57	129	66945	17.674	ug/l	100
54) 1,2-Dibromoethane	9.65	107	65068	17.782	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	269586	90.134	ug/l	100
56) Bromoform	10.84	173	48220	16.896	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	474413	91.678	ug/l	97
59) 2-Hexanone	9.47	43	363592	90.963	ug/l	97
61) Tetrachloroethene	9.32	164	98654	19.006	ug/l	89
62) Toluene	8.76	91	267487	19.080	ug/l	100
64) Chlorobenzene	10.12	112	167834	18.802	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	60969	17.992	ug/l	99
66) Ethyl Benzene	10.24	91	300233	18.807	ug/l	100
67) m/p-Xylenes	10.34	106	226037	37.169	ug/l	99
68) o-Xylene	10.68	106	106852	18.221	ug/l	99
69) Styrene	10.70	104	181767	18.110	ug/l	99
70) Isopropylbenzene	11.00	105	289161	18.263	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	49884	16.948	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	120372	25.250	ug/l	82
73) Bromobenzene	11.24	156	72037	18.055	ug/l	98
74) n-propylbenzene	11.34	91	339272	18.448	ug/l	100
75) 2-Chlorotoluene	11.40	91	196966	18.226	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	247180	18.392	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	36228	17.674	ug/l	92
78) 4-Chlorotoluene	11.49	91	233973	18.290	ug/l	100
79) tert-butylbenzene	11.76	119	208390	18.155	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	245830	18.309	ug/l	100
81) sec-Butylbenzene	11.93	105	285683	18.453	ug/l	99
82) p-Isopropyltoluene	12.05	119	263986	18.401	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	129675	18.027	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	132700	18.565	ug/l	99
85) n-Butylbenzene	12.37	91	235740	17.989	ug/l	99
86) Hexachloroethane	12.58	117	43638	17.278	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	127108	18.270	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20898	16.968	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	92369	18.026	ug/l	99
90) Hexachlorobutadiene	13.77	225	42849	19.456	ug/l	97
91) Naphthalene	13.82	128	297266	18.221	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	92263	18.742	ug/l	97

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QLast Update : Thu Apr 30 12:42:44 2020
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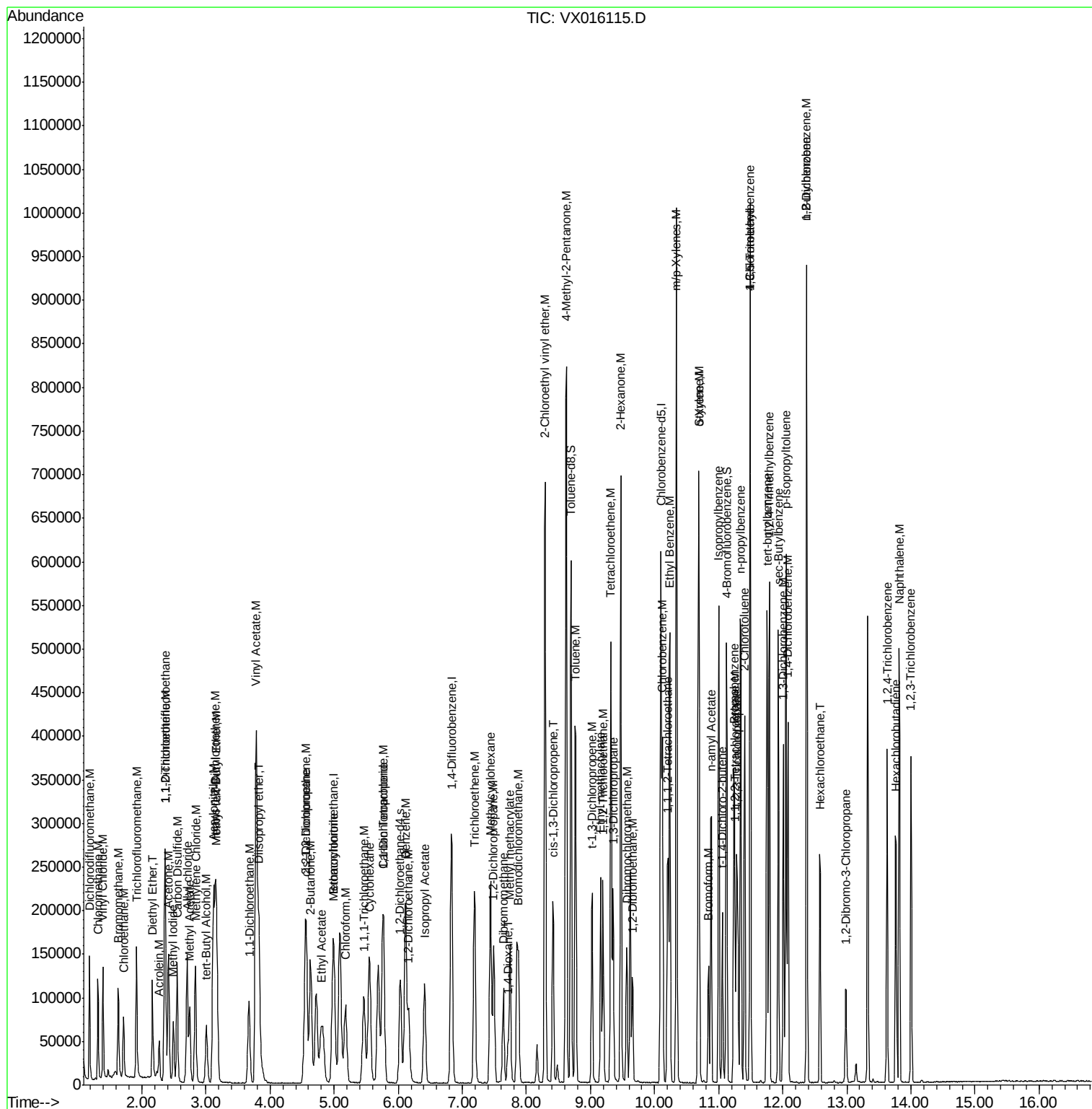
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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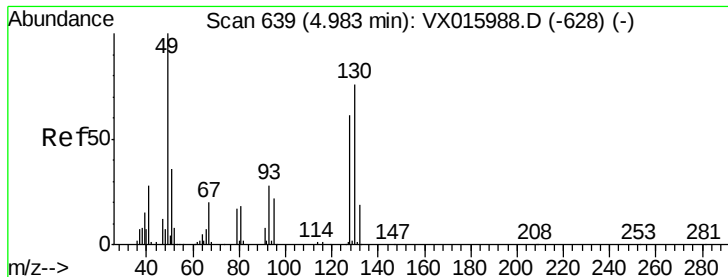
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX016115.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: May 09 01:39:52 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: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :
MSVOA_X
ClientSampleId :

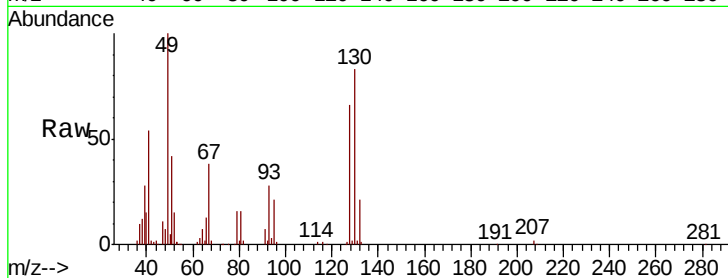
Tot Ion:128 Resp: 50985

Ion Ratio Lower Upper

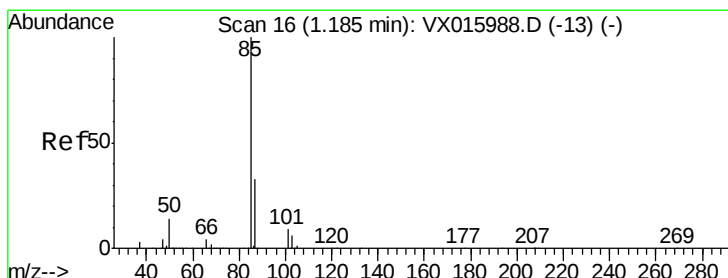
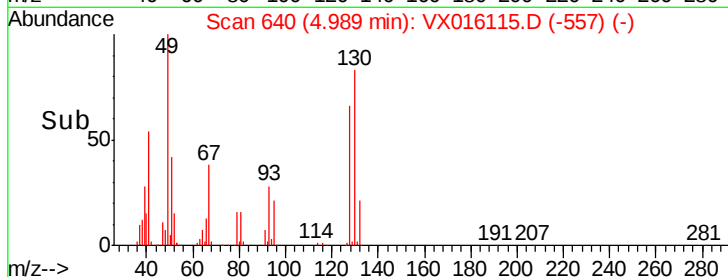
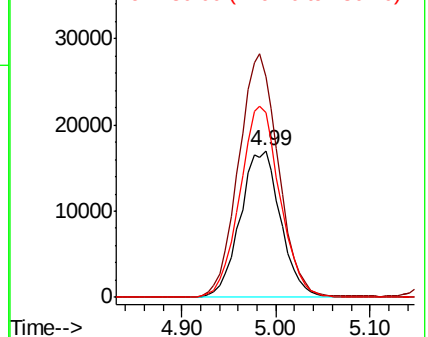
128 100

49 163.8 0.0 418.5

130 129.7 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: 20.484 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016115.D

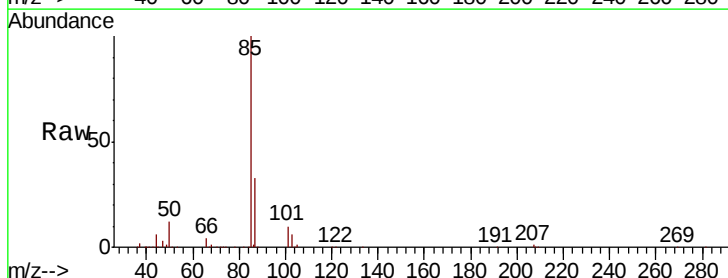
Acq: 08 May 2020 12:56

Tgt Ion: 85 Resp: 71935

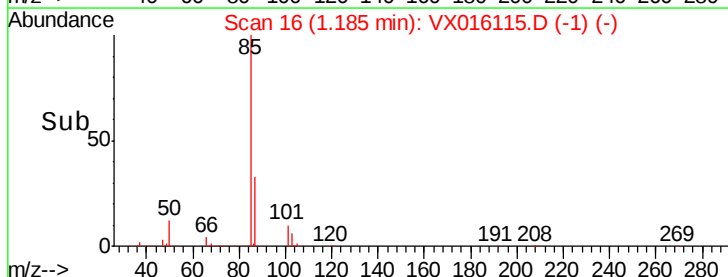
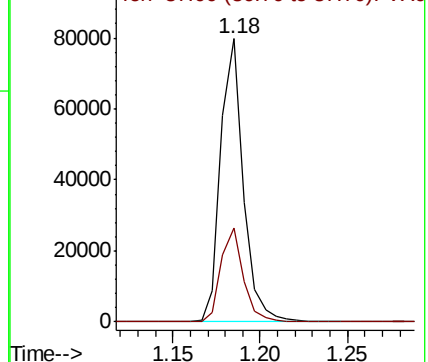
Ion Ratio Lower Upper

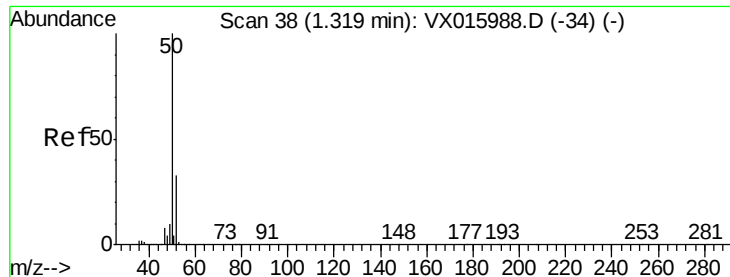
85 100

87 33.0 16.6 49.7



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

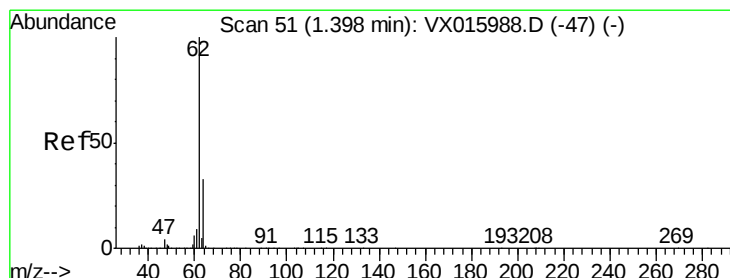
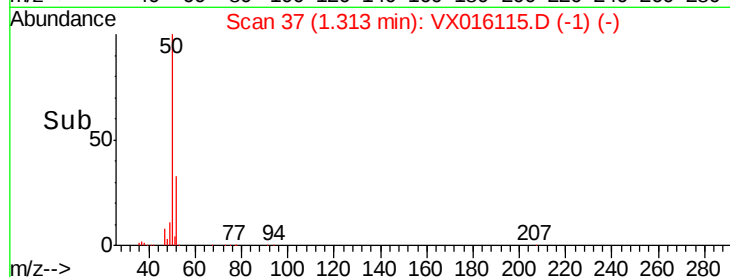
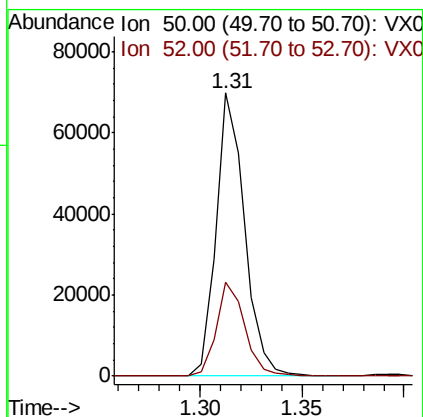
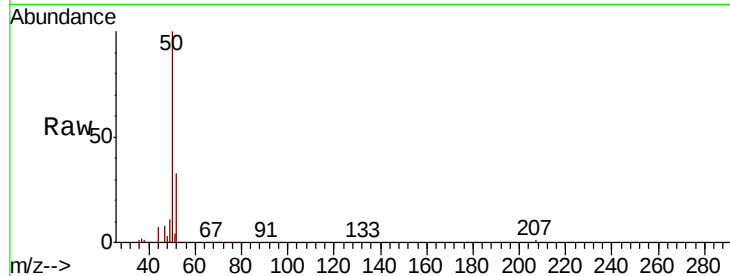




#3
Chloromethane
Concen: 19.630 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

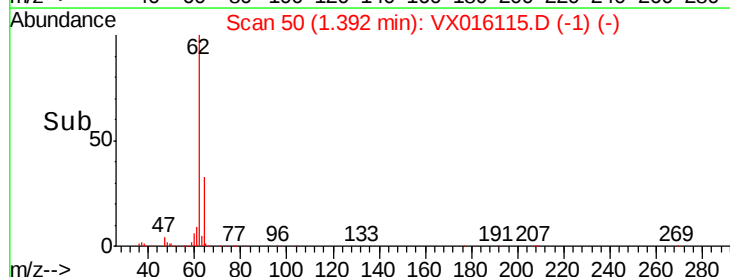
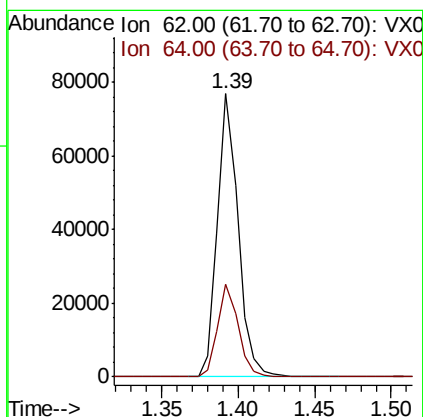
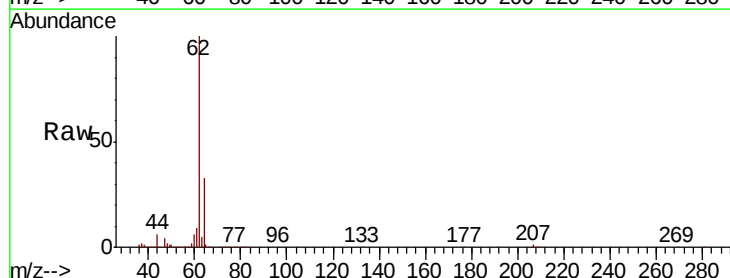
Instrument :
MSVOA_X
ClientSampleId :

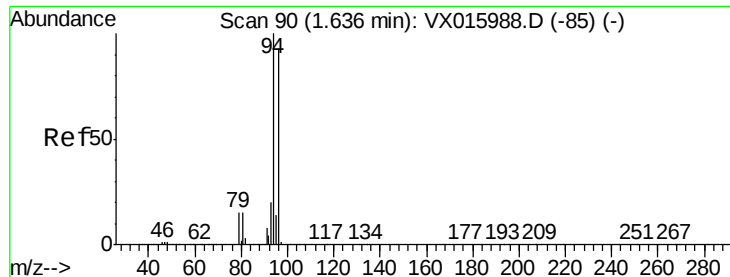
Tot Ion: 50 Resp: 67542
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 18.629 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 62 Resp: 72826
Ion Ratio Lower Upper
62 100
64 33.0 26.3 39.5





#5

Bromomethane

Concen: 19.212 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

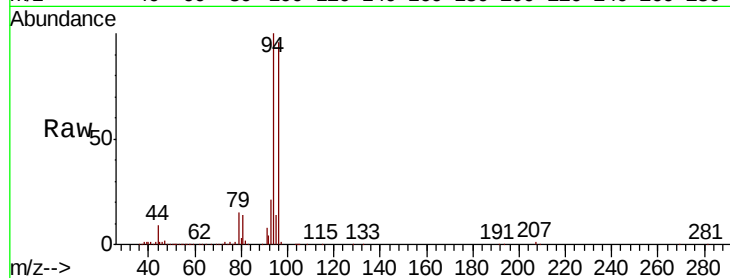
ClientSampleId :

Tot Ion: 94 Resp: 46035

Ion Ratio Lower Upper

94 100

96 95.8 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

40000

30000

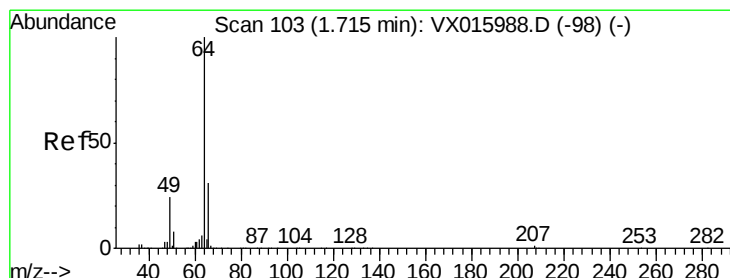
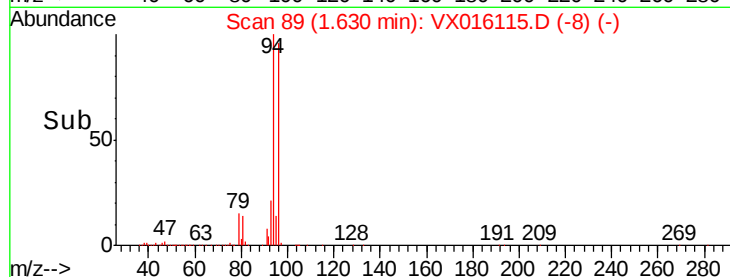
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 17.430 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016115.D

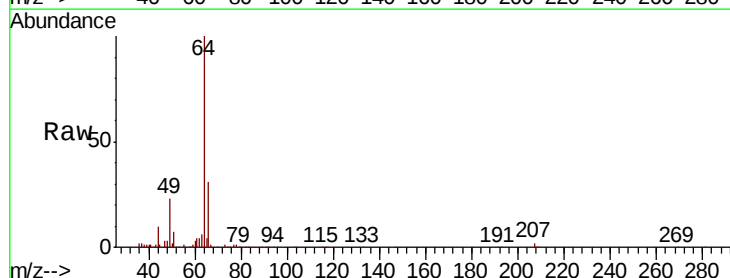
Acq: 08 May 2020 12:56

Tgt Ion: 64 Resp: 44670

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

40000

30000

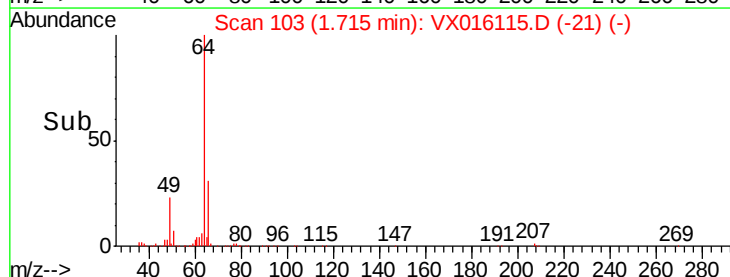
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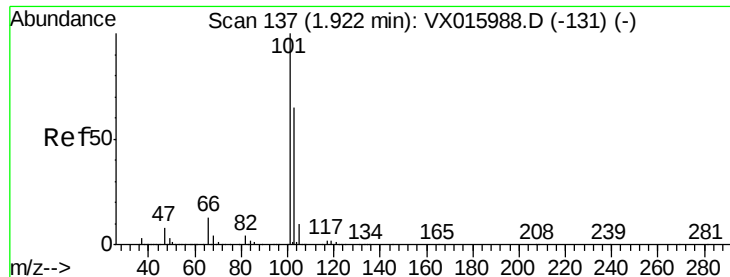
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0

Time-->

1.65 1.70 1.75 1.80



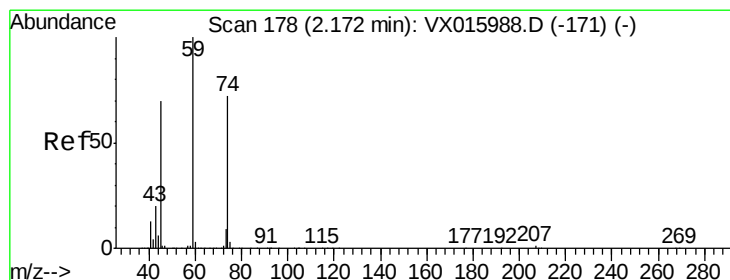
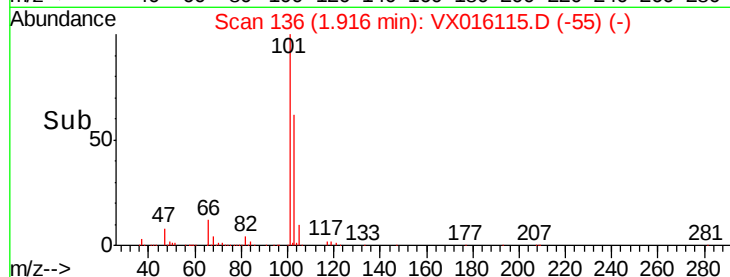
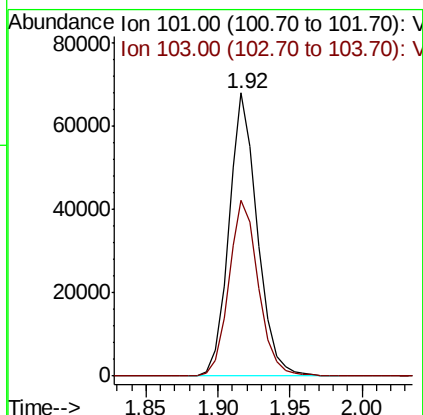
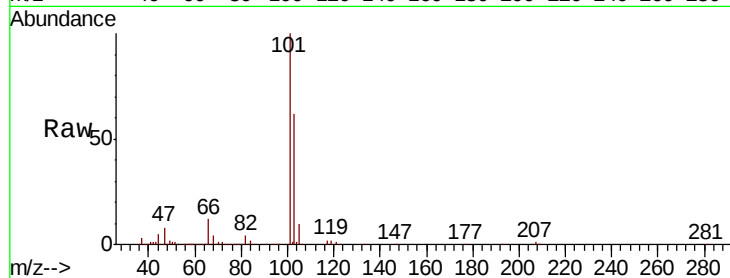


#7

Trichlorofluoromethane
 Concen: 16.801 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Instrument :
 MSVOA_X
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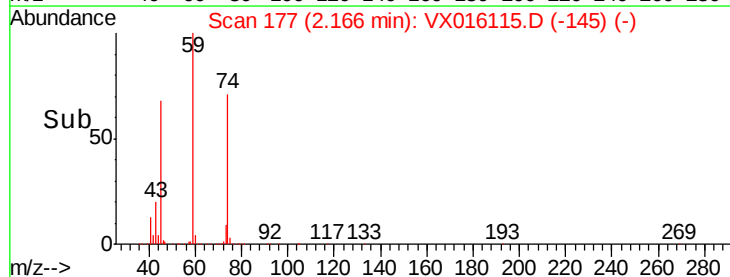
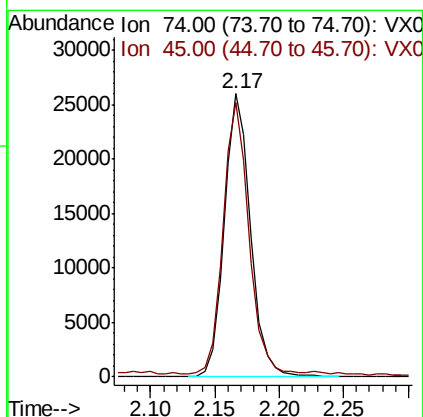
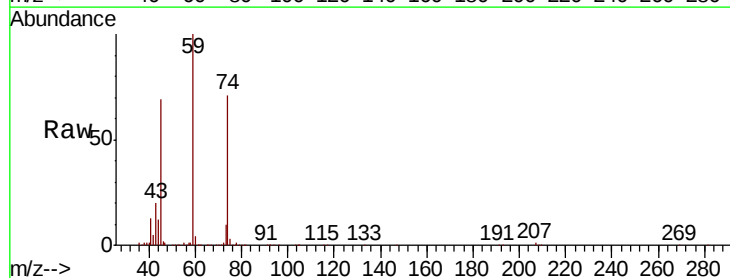
Tot Ion:101 Resp: 94074
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.8 77.8

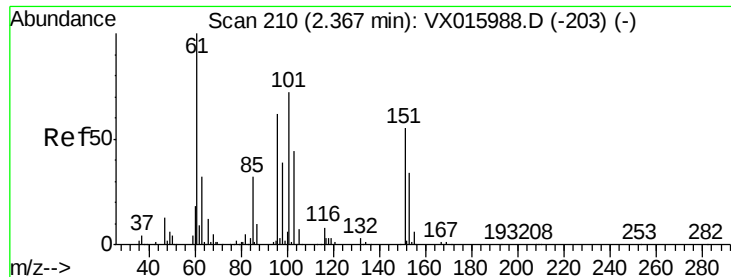


#8

Diethyl Ether
 Concen: 16.535 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion: 74 Resp: 36955
 Ion Ratio Lower Upper
 74 100
 45 95.9 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.260 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

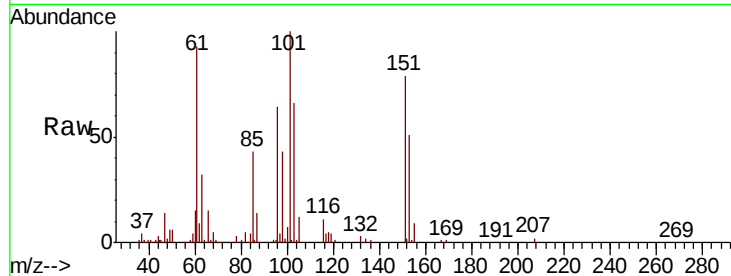
Tot Ion:101 Resp: 55694

Ion Ratio Lower Upper

101 100

85 42.8 0.0 90.6

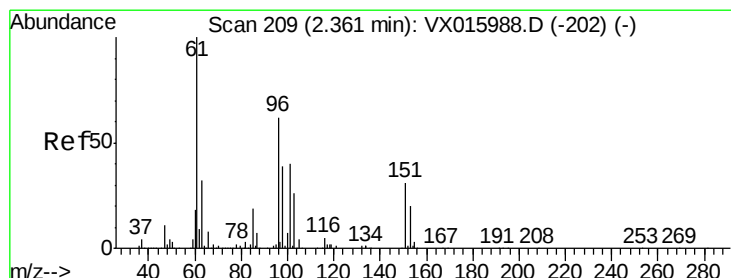
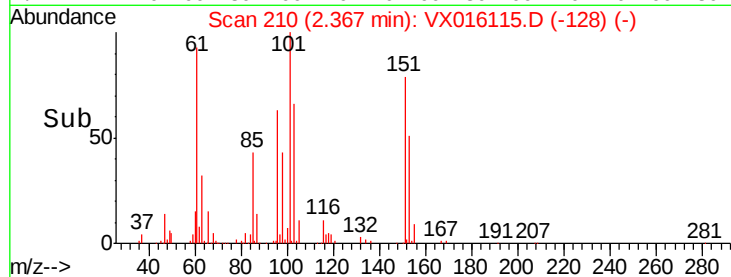
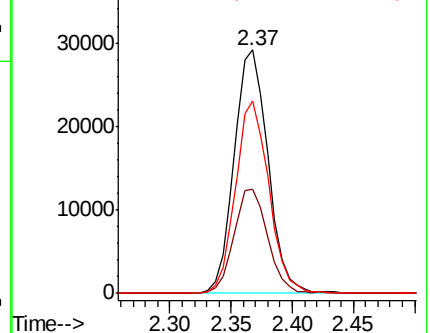
151 78.1 0.0 157.0



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: 18.792 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

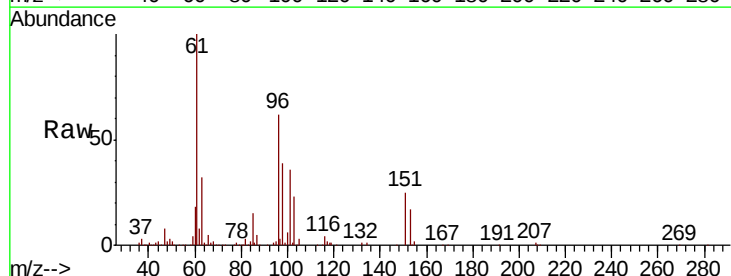
Tgt Ion: 96 Resp: 54824

Ion Ratio Lower Upper

96 100

61 160.6 129.8 194.8

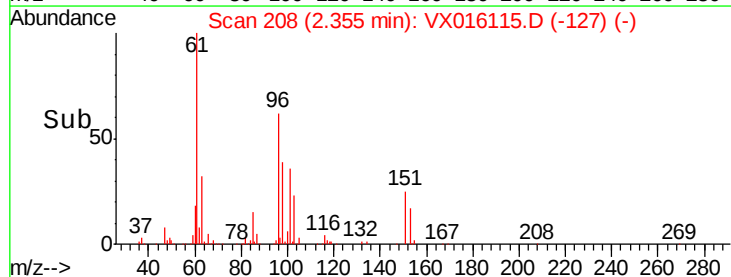
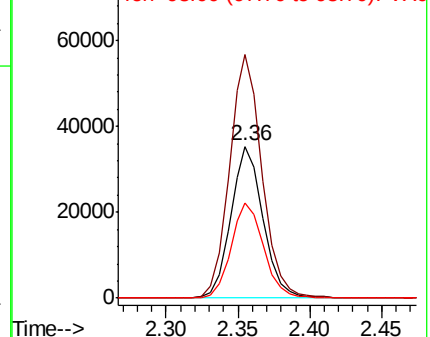
98 62.7 51.1 76.7

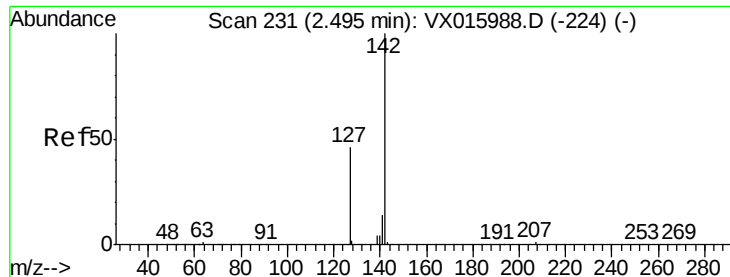


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

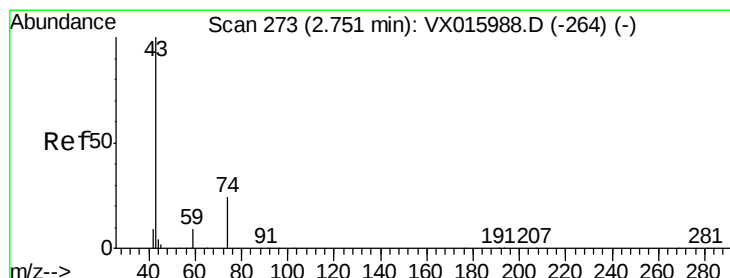
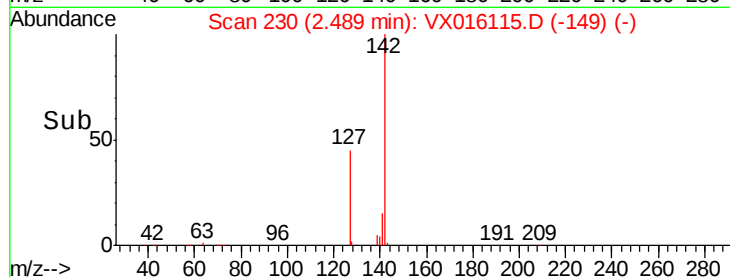
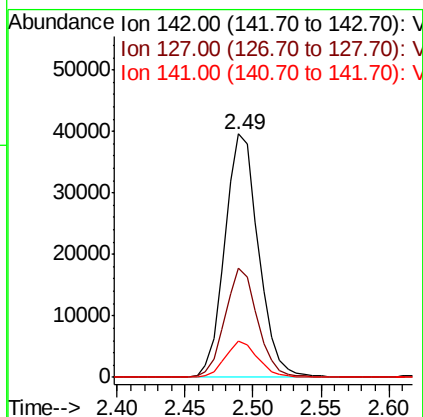
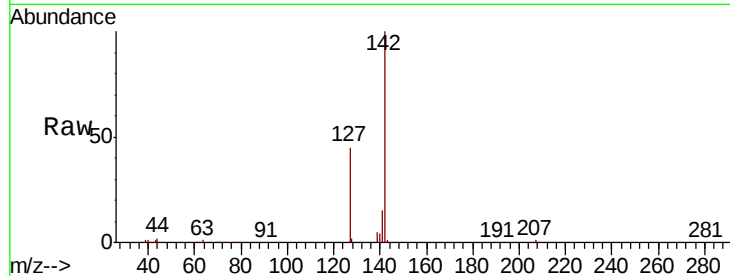




#11
Methvl Iodide
Concen: 17.127 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

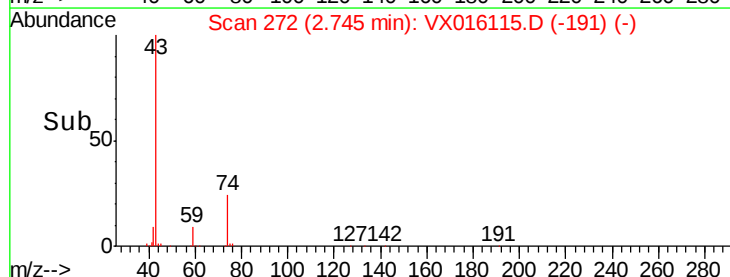
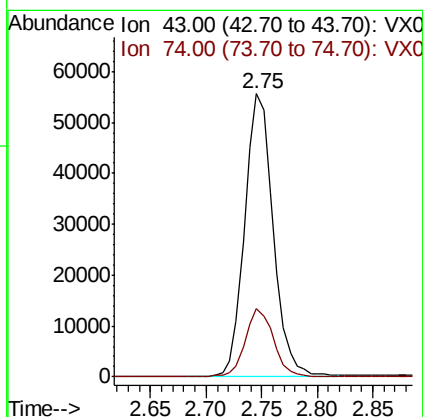
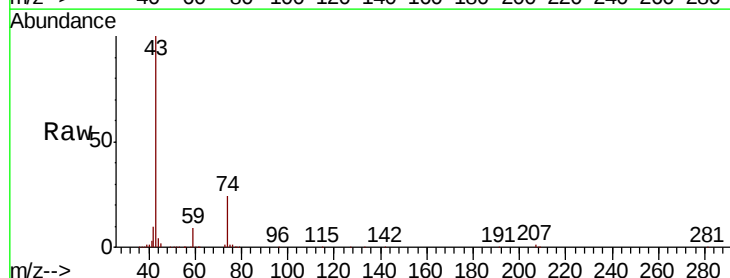
Instrument :
MSVOA_X
ClientSampleId :

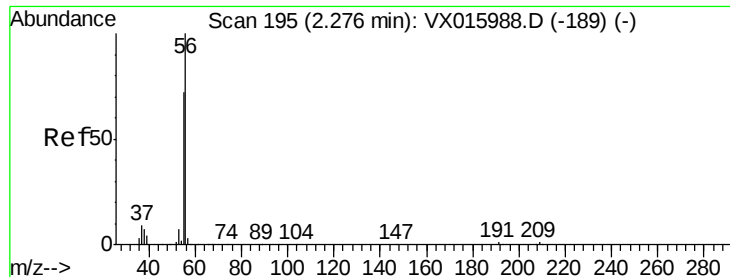
Tot Ion:142 Resp: 68213
Ion Ratio Lower Upper
142 100
127 45.0 22.8 68.4
141 14.7 7.0 21.1



#12
Methyl Acetate
Concen: 19.377 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 43 Resp: 98703
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.4





#13

Acrolein

Concen: 75.385 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

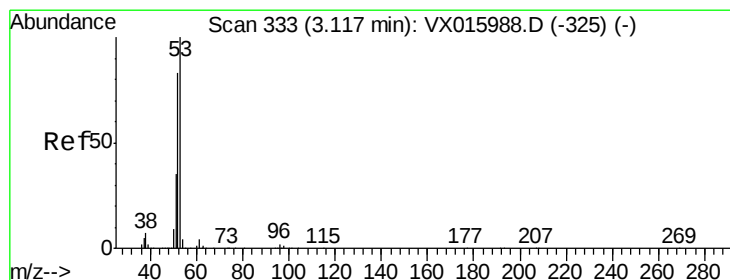
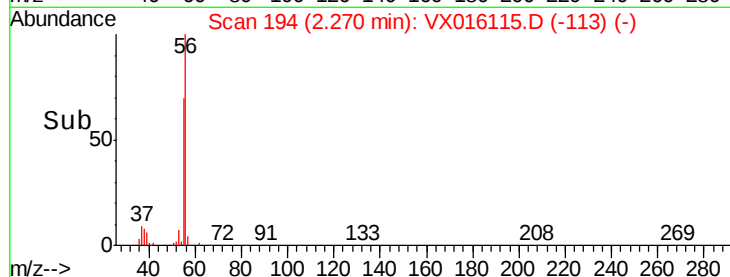
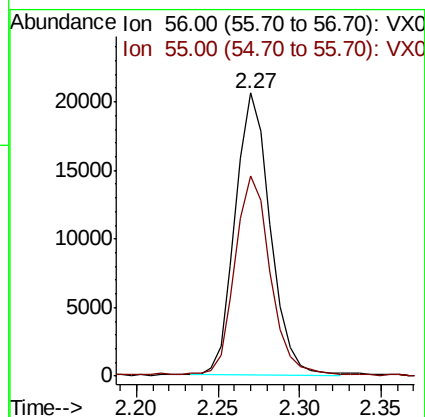
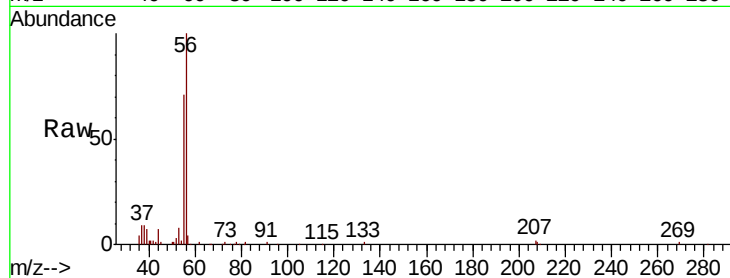
ClientSampleId :

Tot Ion: 56 Resp: 30783

Ion Ratio Lower Upper

56 100

55 71.3 56.2 84.4



#14

Acrylonitrile

Concen: 96.520 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

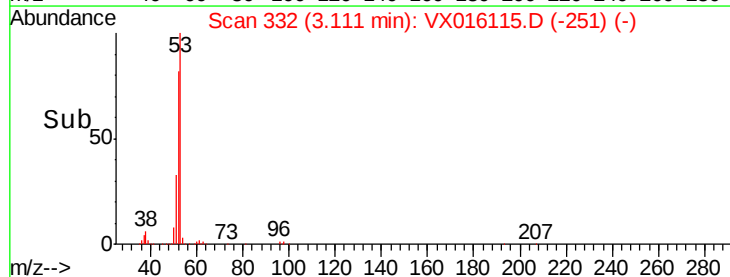
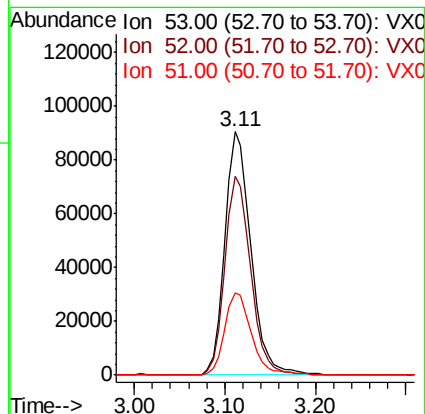
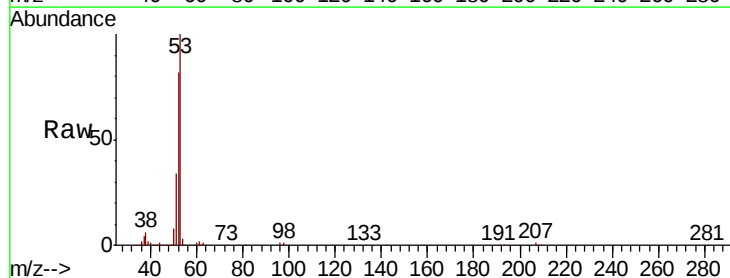
Tgt Ion: 53 Resp: 181603

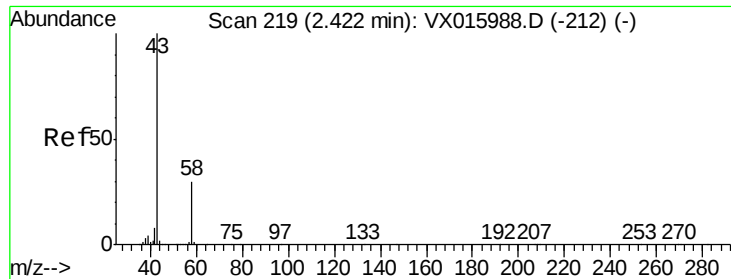
Ion Ratio Lower Upper

53 100

52 80.7 41.2 123.6

51 34.9 17.8 53.5





#15

Acetone

Concen: 98.990 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

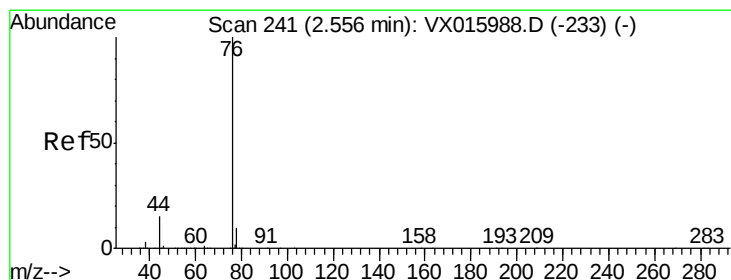
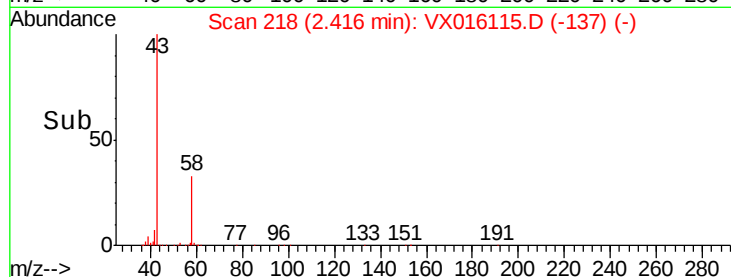
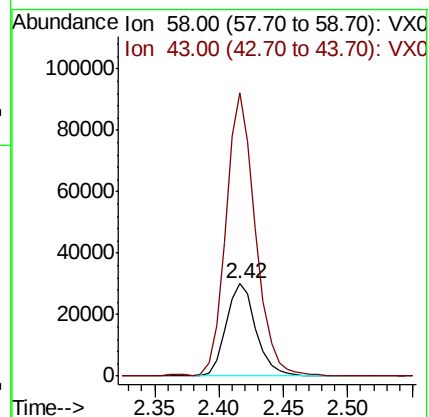
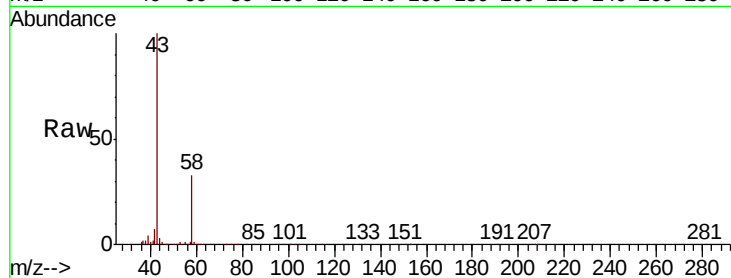
ClientSampleId :

Tot Ion: 58 Resp: 49291

Ion Ratio Lower Upper

58 100

43 304.7 264.2 396.2



#16

Carbon Disulfide

Concen: 18.861 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX016115.D

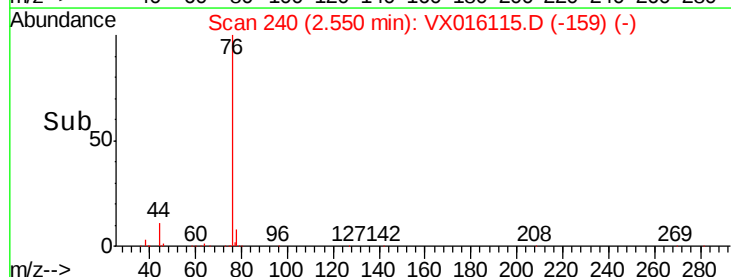
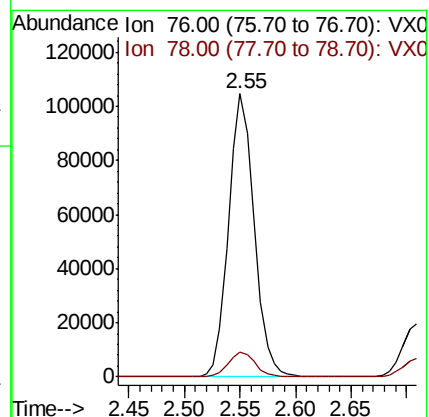
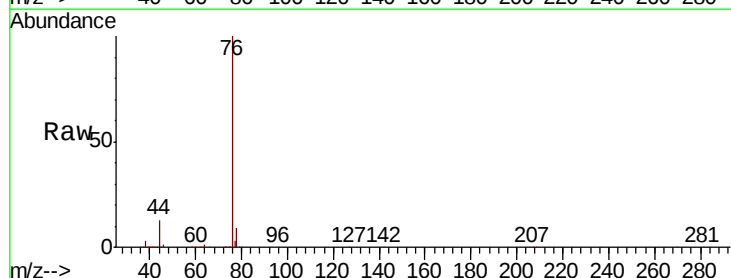
Acq: 08 May 2020 12:56

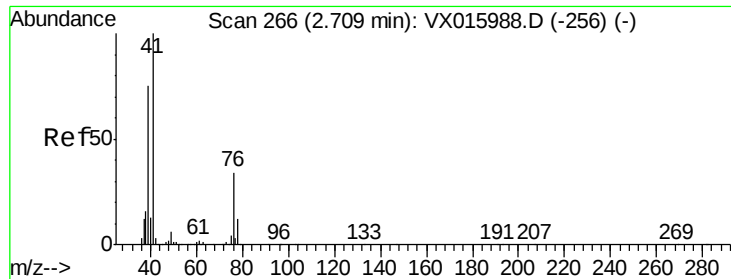
Tgt Ion: 76 Resp: 167398

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

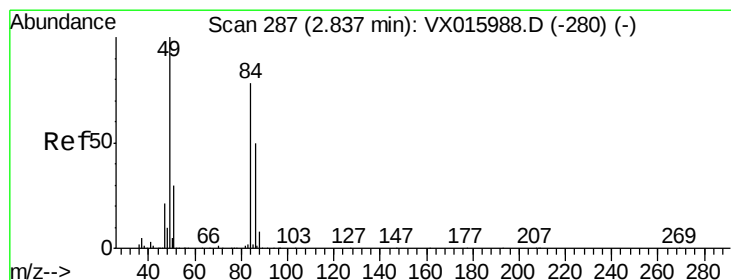
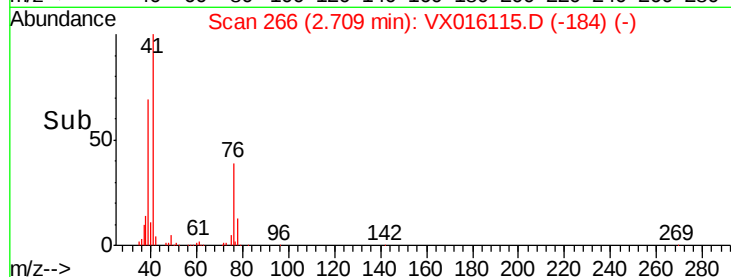
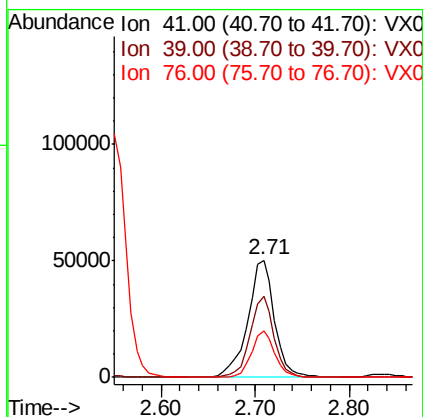
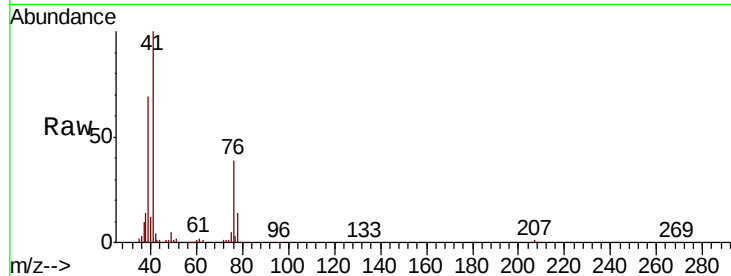




#17
Allvl chloride
Concen: 18.535 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

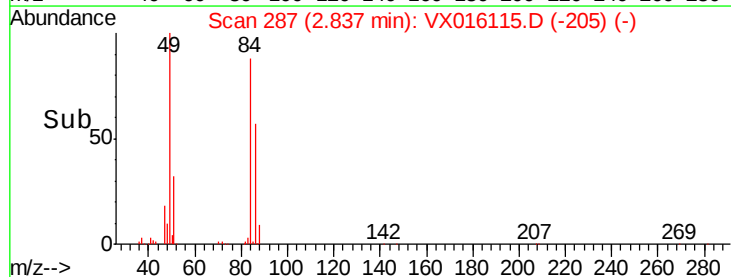
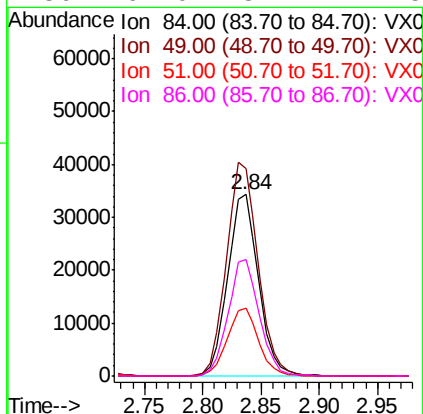
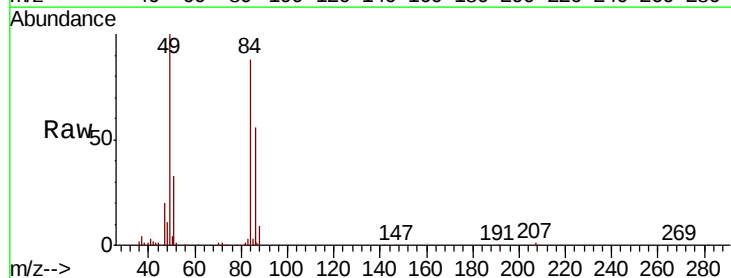
Instrument :
MSVOA_X
ClientSampleId :

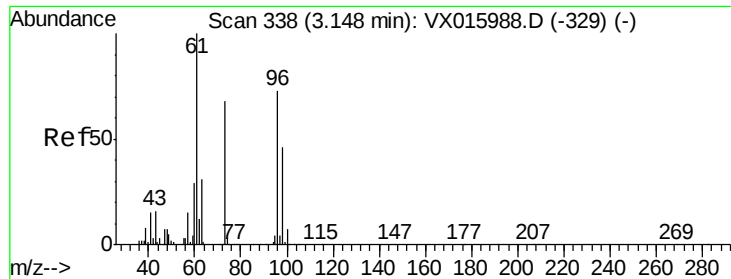
Tot Ion: 41 Resp: 100311
Ion Ratio Lower Upper
41 100
39 68.8 37.6 112.8
76 39.0 17.2 51.5



#18
Methylene Chloride
Concen: 19.328 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 84 Resp: 63169
Ion Ratio Lower Upper
84 100
49 113.9 103.0 154.4
51 37.1 31.4 47.0
86 64.0 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 19.389 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

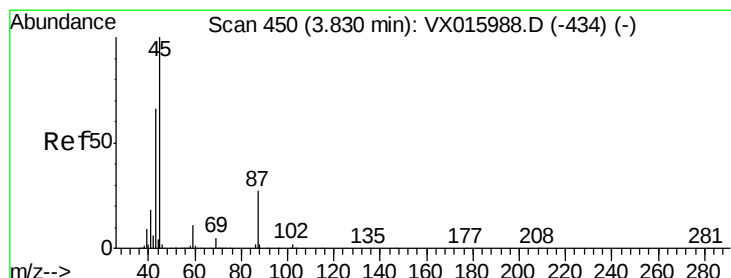
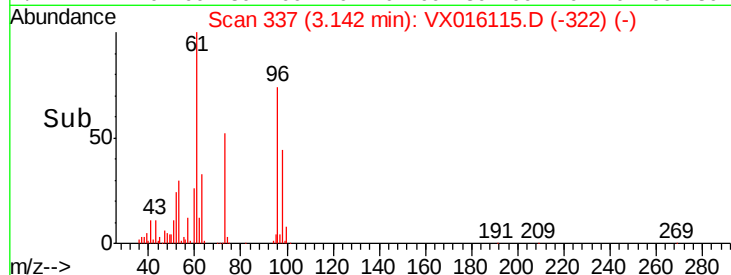
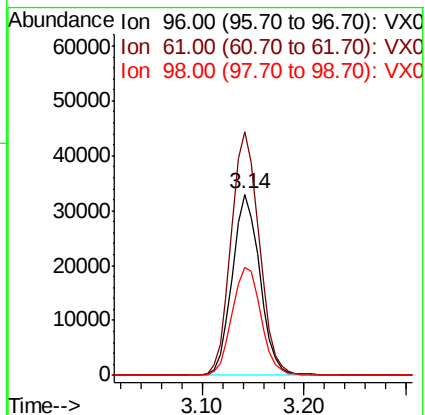
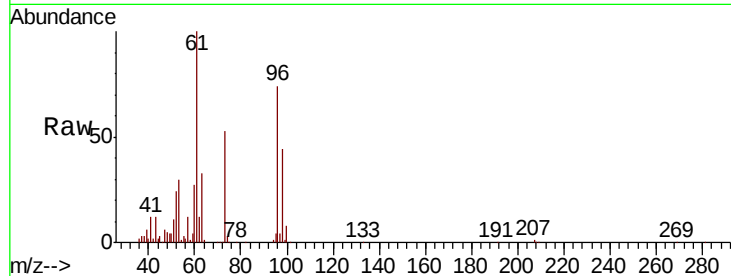
Tot Ion: 96 Resp: 61869

Ion Ratio Lower Upper

96 100

61 134.4 109.0 163.4

98 59.3 50.0 75.0



#20

Diisopropyl ether

Concen: 18.789 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Tgt Ion: 45 Resp: 196061

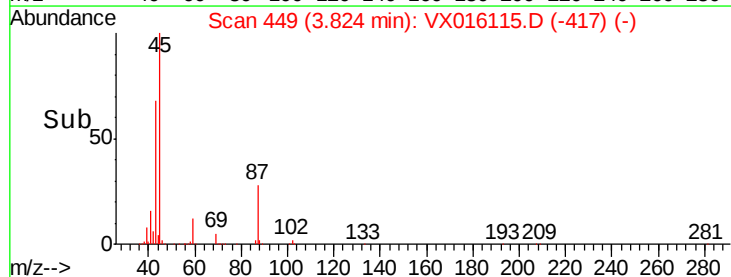
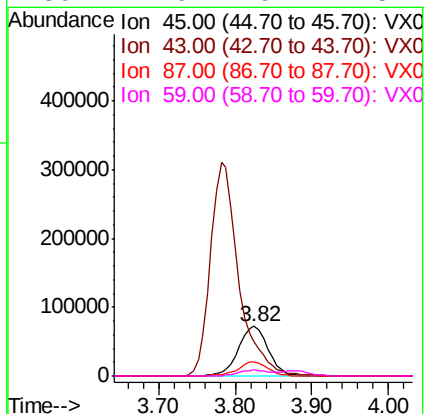
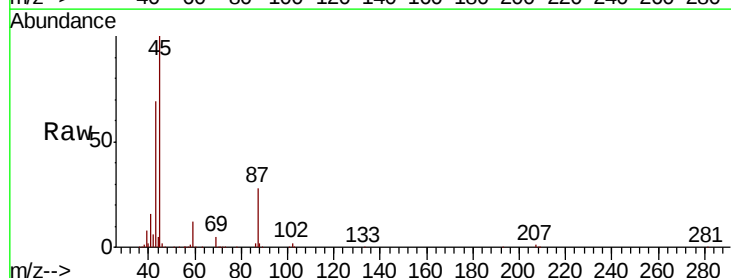
Ion Ratio Lower Upper

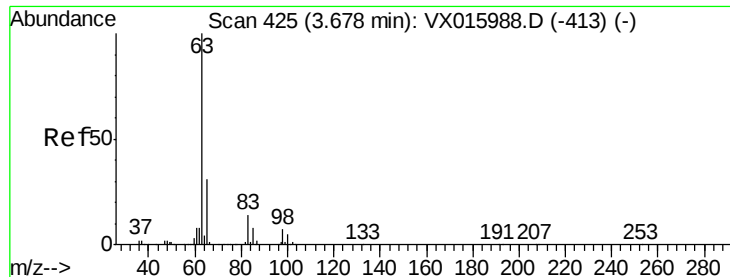
45 100

43 67.9 53.0 79.4

87 27.8 21.9 32.9

59 11.9 9.1 13.7

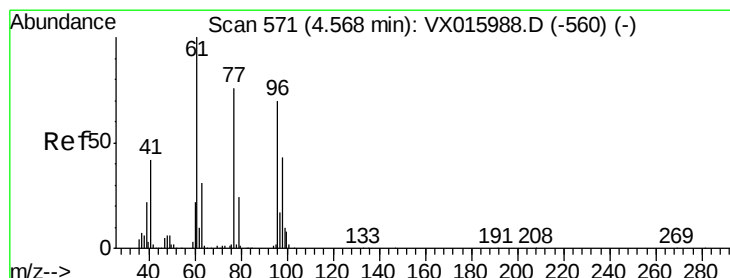
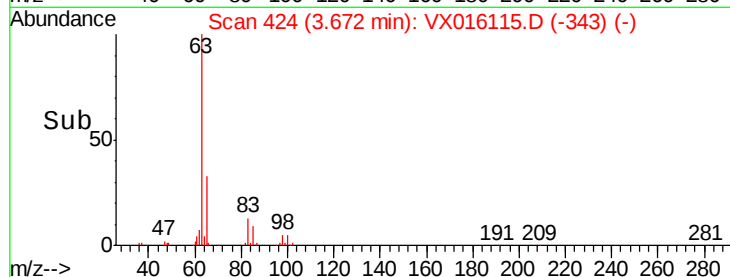
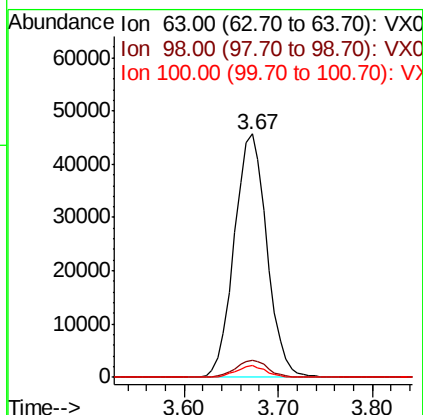
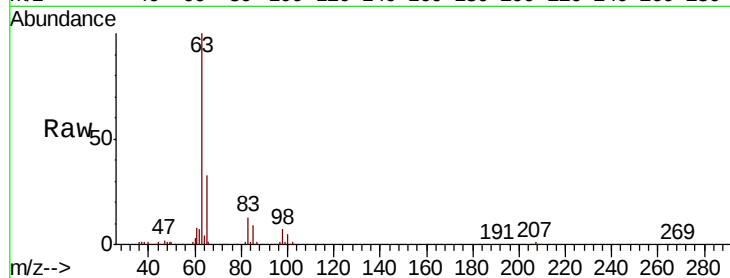




#21
 1,1-Dichloroethane
 Concen: 18.955 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

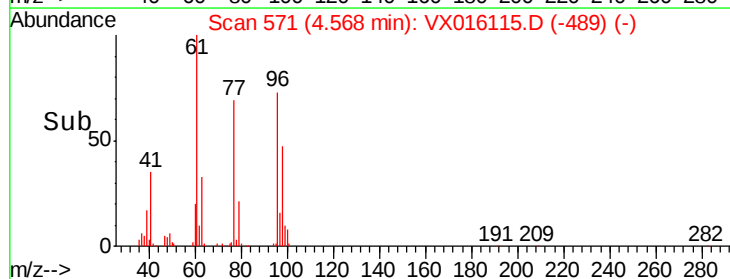
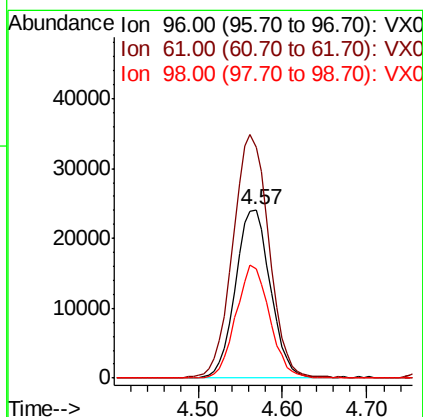
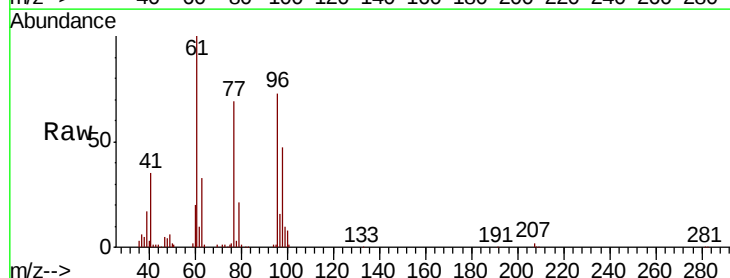
Instrument :
 MSVOA_X
 ClientSampleId :

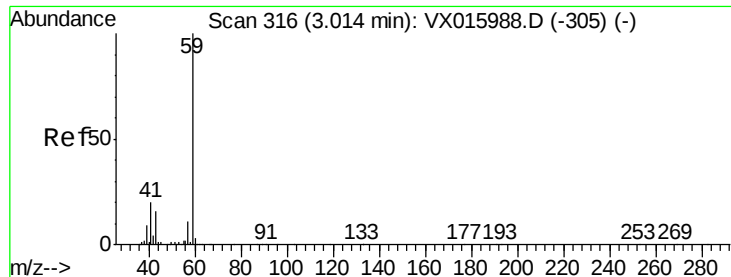
Tot Ion:	63	Resp:	110288
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.4
100	5.1	2.3	6.9



#22
 cis-1,2-Dichloroethene
 Concen: 18.787 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion:	96	Resp:	68030
Ion	Ratio	Lower	Upper
96	100		
61	149.2	121.6	182.4
98	64.2	51.9	77.9





#23

tert-Butyl Alcohol

Concen: 91.537 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

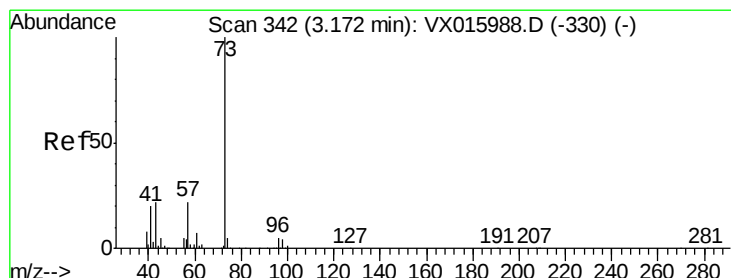
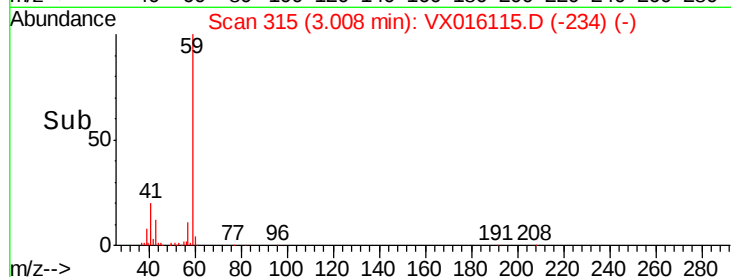
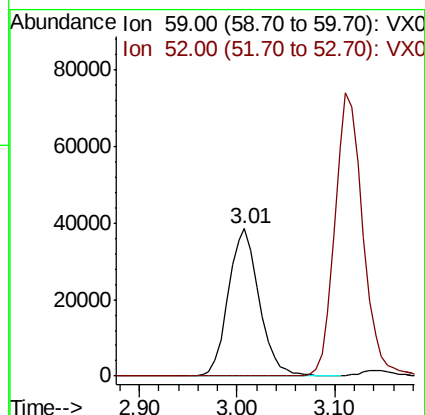
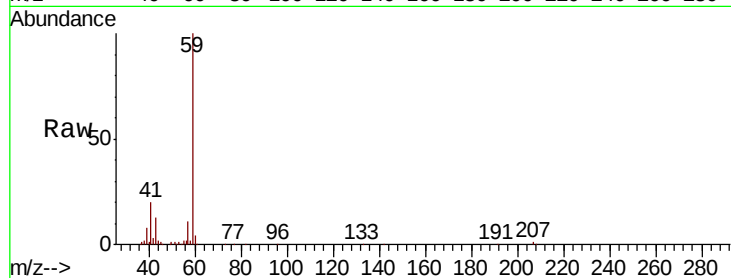
ClientSampleId :

Tot Ion: 59 Resp: 84307

Ion Ratio Lower Upper

59 100

52 0.2 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.594 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

Lab File: VX016115.D

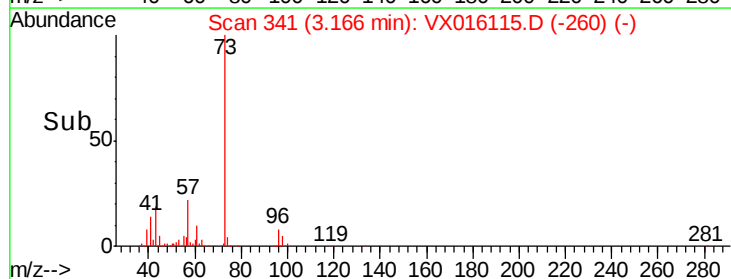
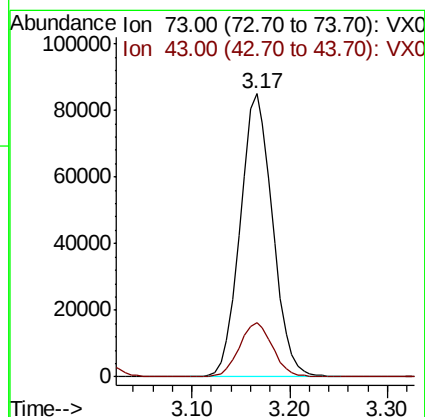
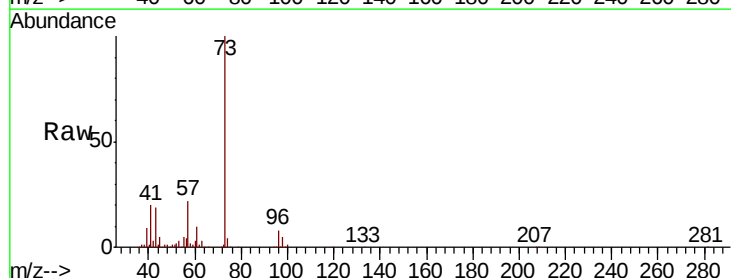
Acq: 08 May 2020 12:56

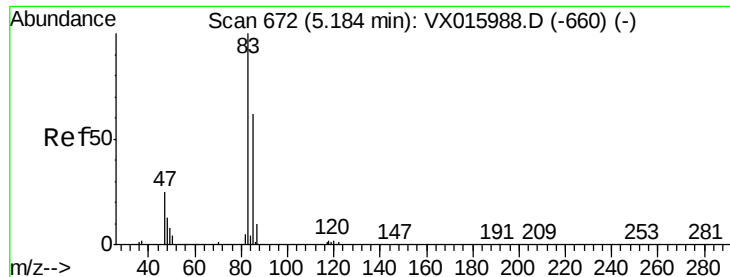
Tgt Ion: 73 Resp: 194811

Ion Ratio Lower Upper

73 100

43 19.4 17.8 26.6





#25

Chloroform

Concen: 18.479 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

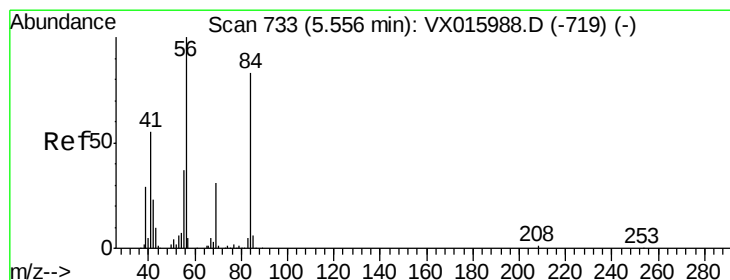
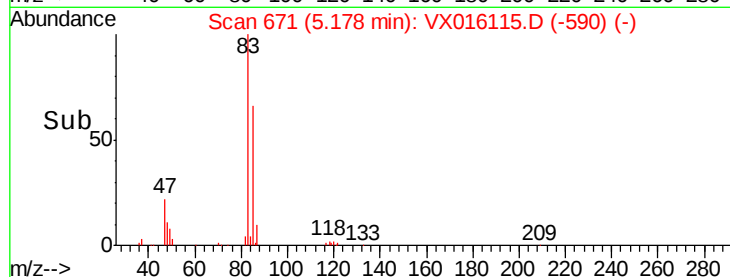
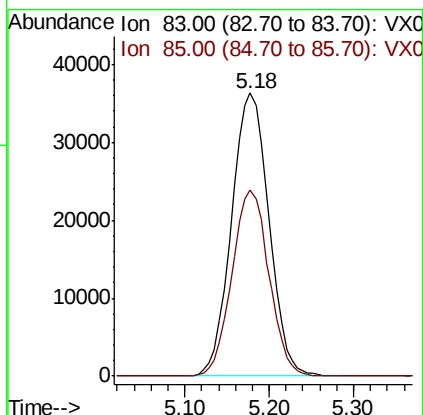
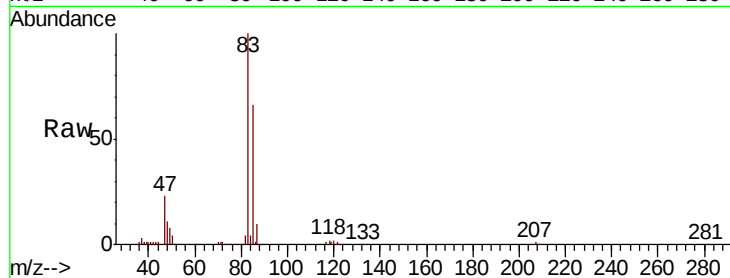
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 109201

Ion Ratio Lower Upper

83 100

85 65.8 49.6 74.4



#26

Cyclohexane

Concen: 19.257 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

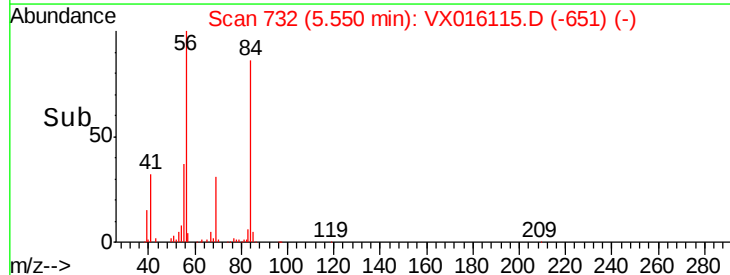
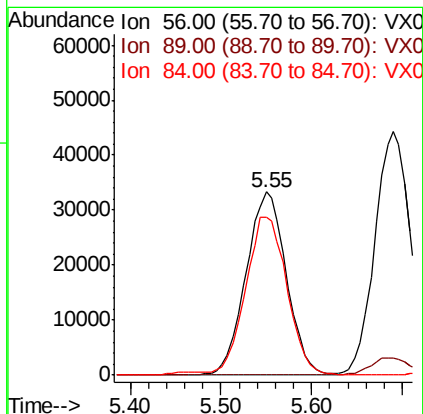
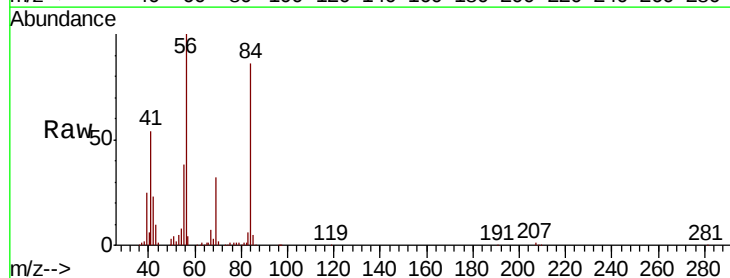
Tgt Ion: 56 Resp: 102459

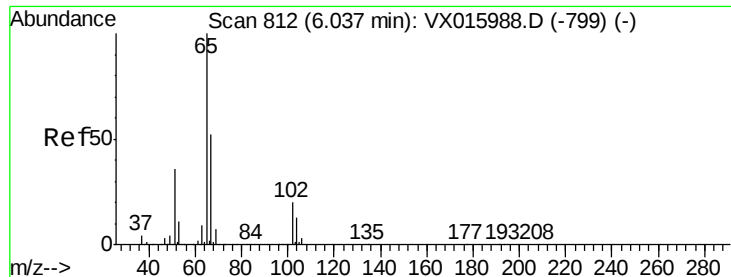
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 88.3 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 28.755 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

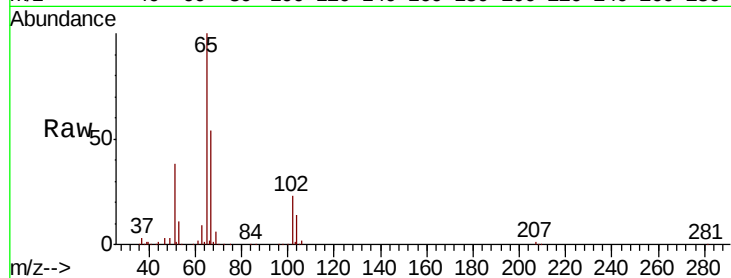
ClientSampleId :

Tot Ion: 65 Resp: 112672

Ion Ratio Lower Upper

65 100

67 52.9 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

30000

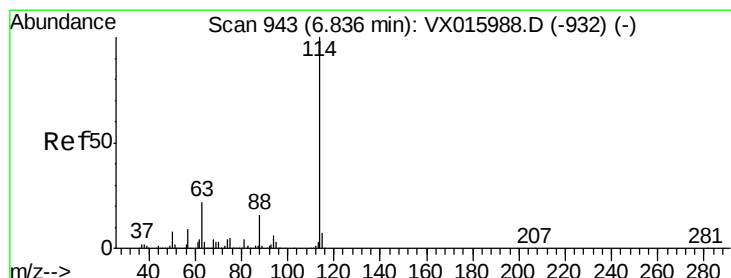
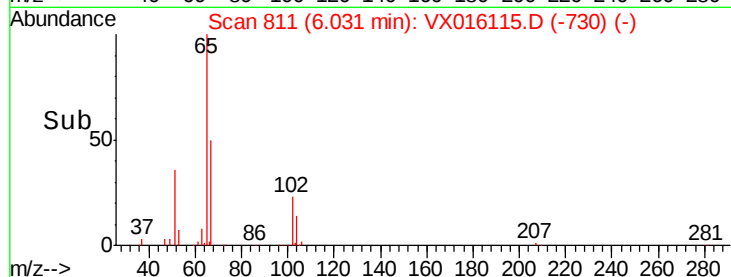
20000

10000

0

5.90 6.00 6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

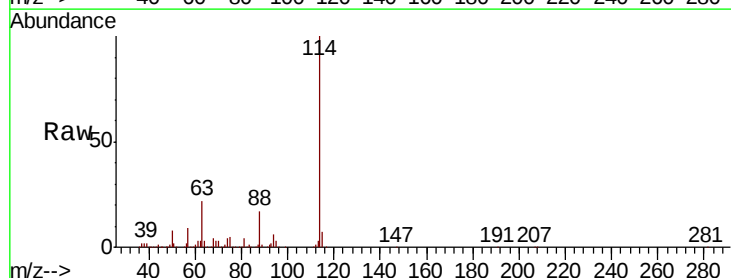
Tgt Ion: 114 Resp: 288532

Ion Ratio Lower Upper

114 100

63 21.1 17.1 25.7

88 16.4 13.0 19.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

150000

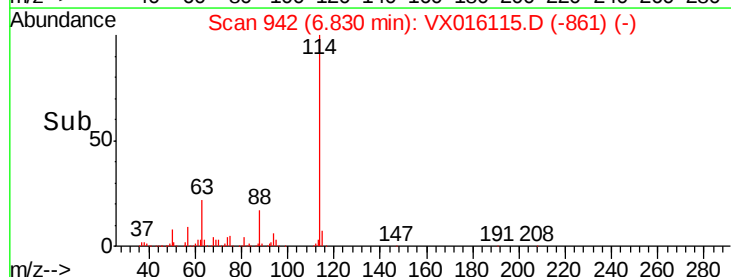
100000

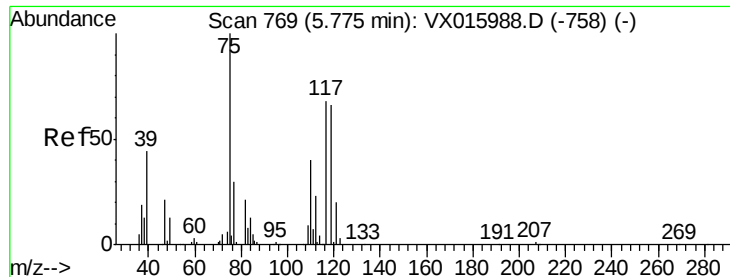
50000

0

6.70 6.80 6.90

Time-->





#29

1,1-Dichloropropene

Concen: 18.603 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

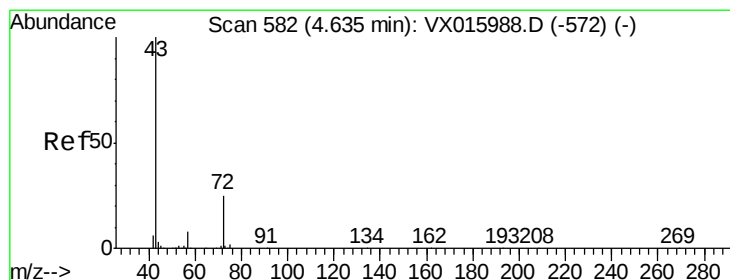
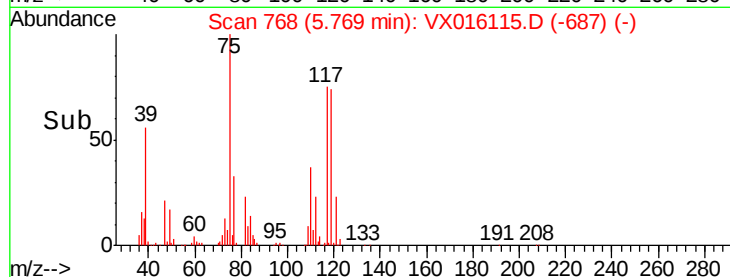
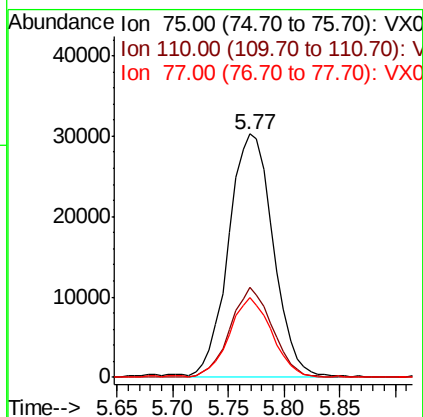
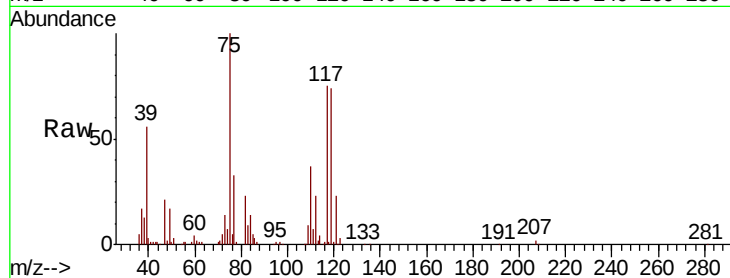
Tot Ion: 75 Resp: 84419

Ion Ratio Lower Upper

75 100

110 34.9 0.0 71.0

77 31.2 0.0 64.2



#30

2-Butanone

Concen: 90.977 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

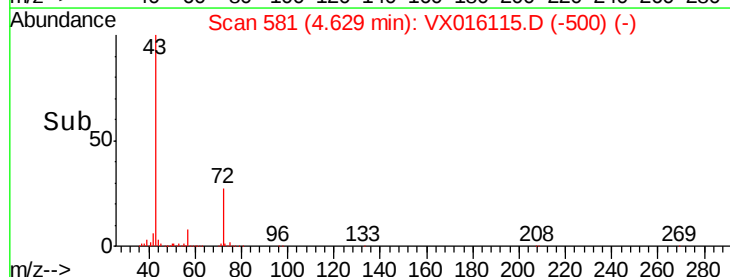
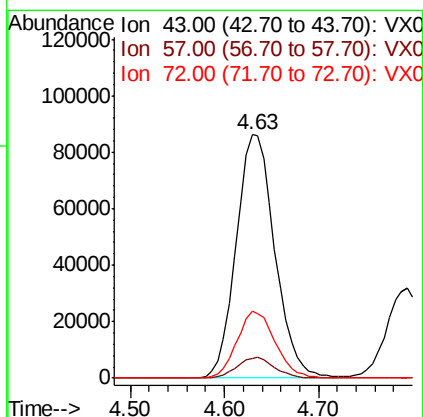
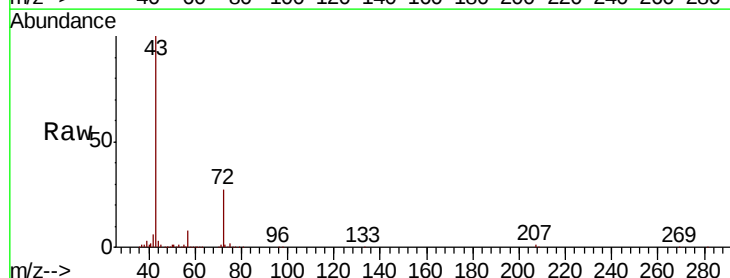
Tgt Ion: 43 Resp: 246000

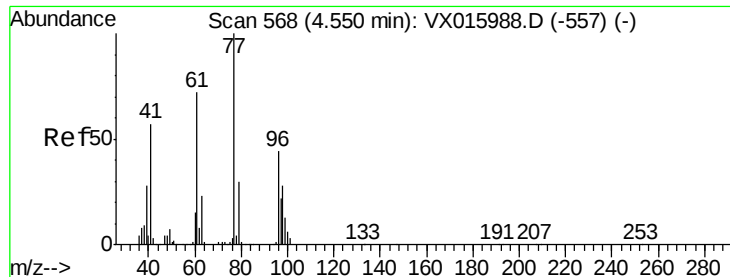
Ion Ratio Lower Upper

43 100

57 8.3 6.3 9.5

72 27.4 20.8 31.2





#31

2,2-Dichloropropane

Concen: 18.224 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

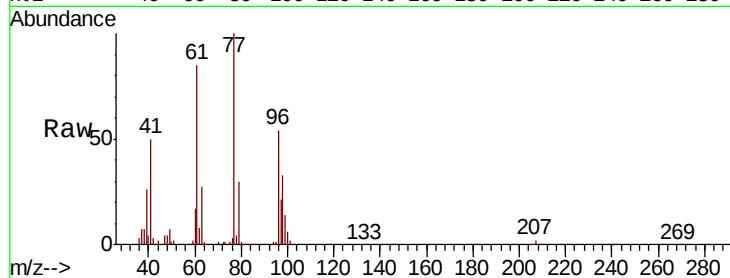
ClientSampleId :

Tot Ion: 77 Resp: 99525

Ion Ratio Lower Upper

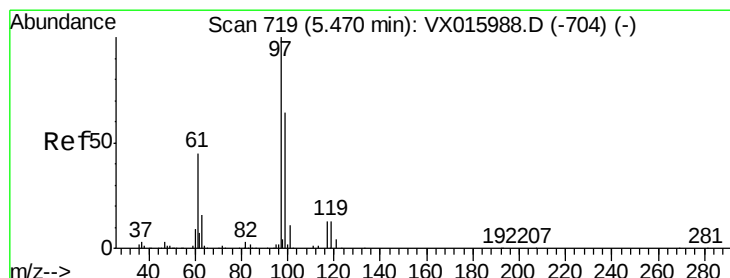
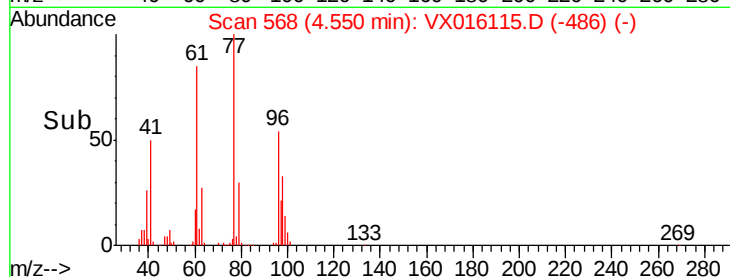
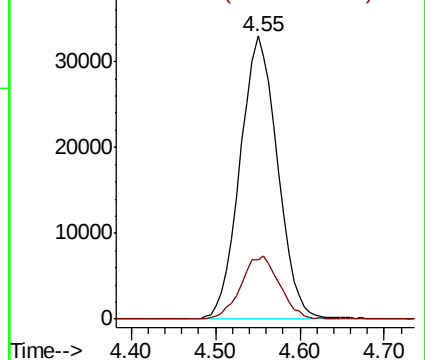
77 100

97 22.7 17.8 26.8



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.163 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

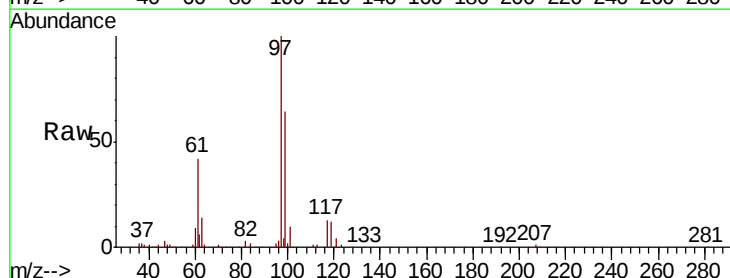
Tgt Ion: 97 Resp: 99987

Ion Ratio Lower Upper

97 100

99 62.9 50.7 76.1

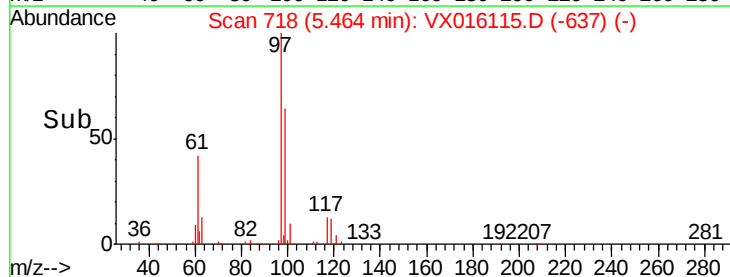
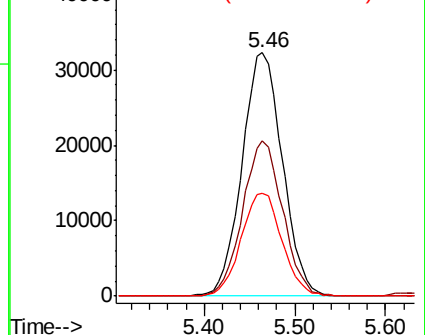
61 42.6 35.9 53.9

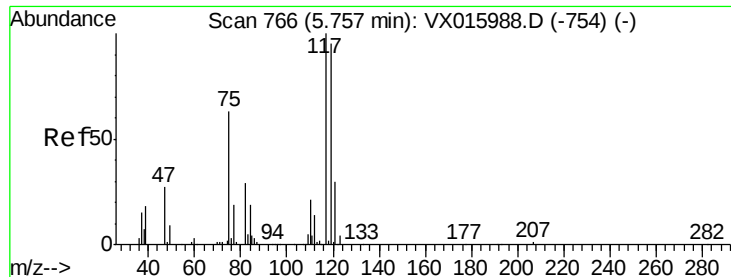


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 17.782 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

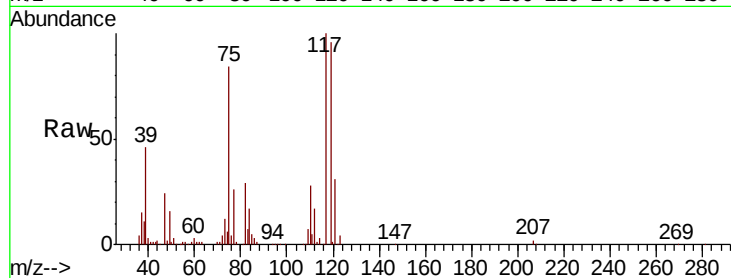
Tot Ion:117 Resp: 87158

Ion Ratio Lower Upper

117 100

119 95.6 76.3 114.5

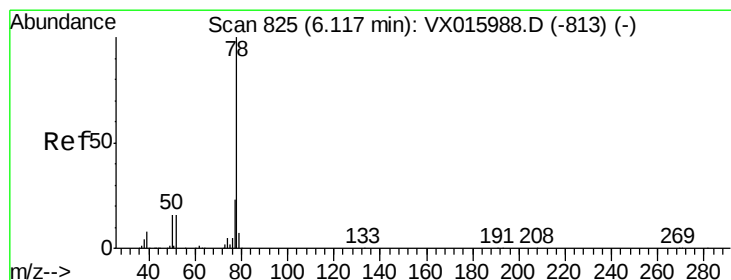
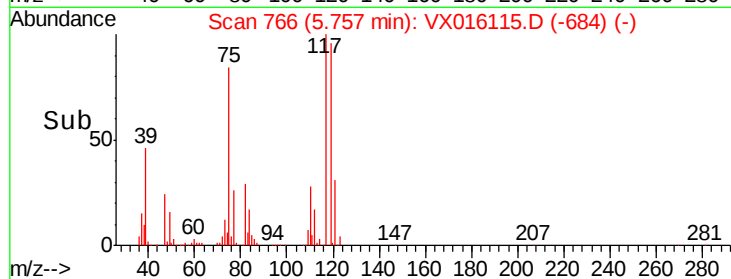
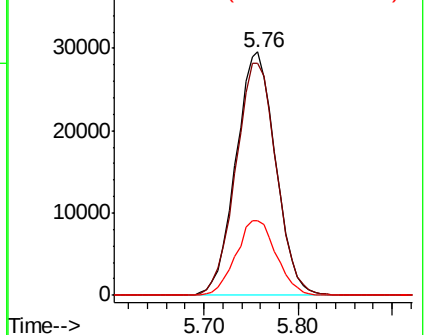
121 30.9 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.023 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

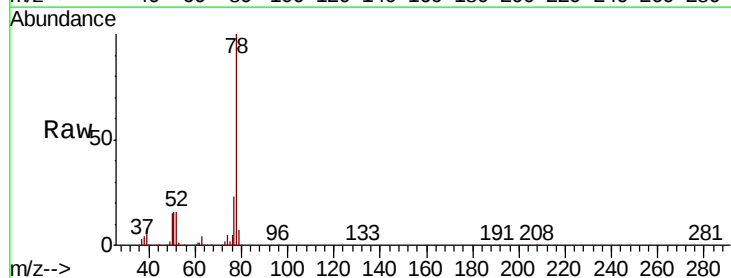
Tgt Ion: 78 Resp: 252146

Ion Ratio Lower Upper

78 100

77 23.0 18.7 28.1

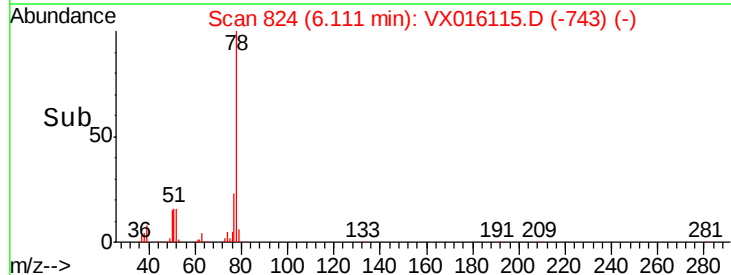
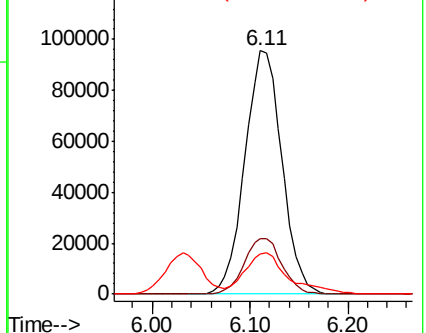
51 15.3 12.7 19.1

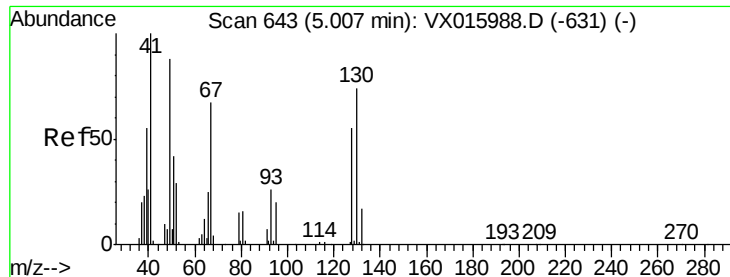


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

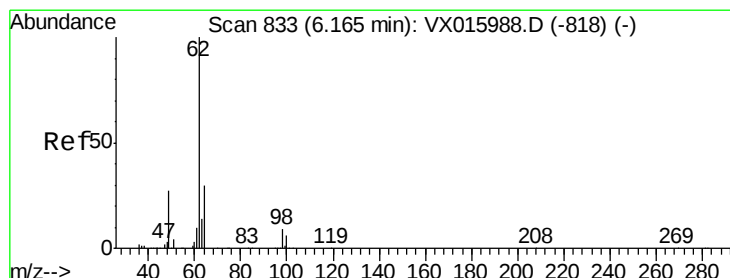
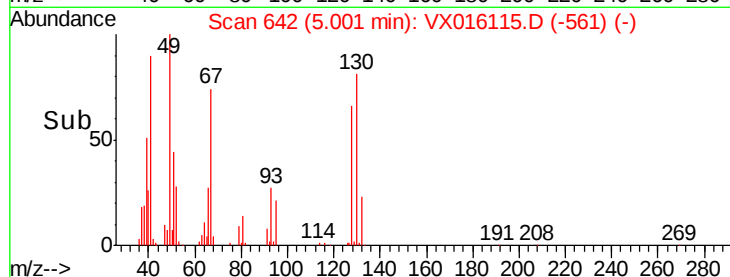
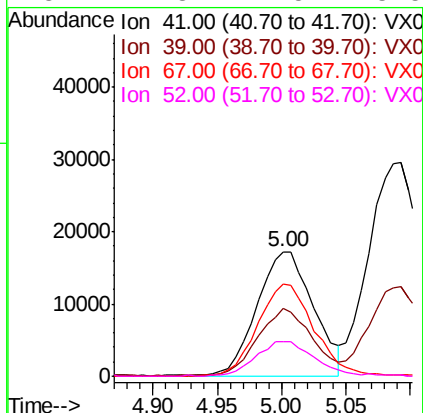
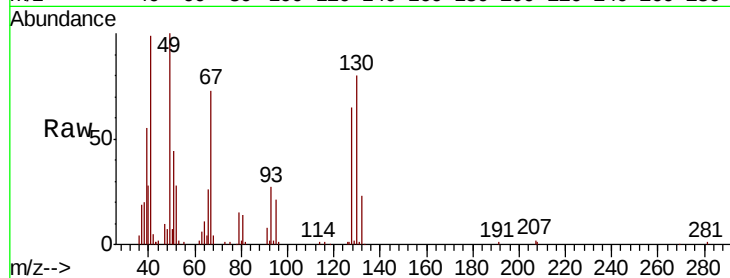




#35
Methacrylonitrile
Concen: 18.128 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

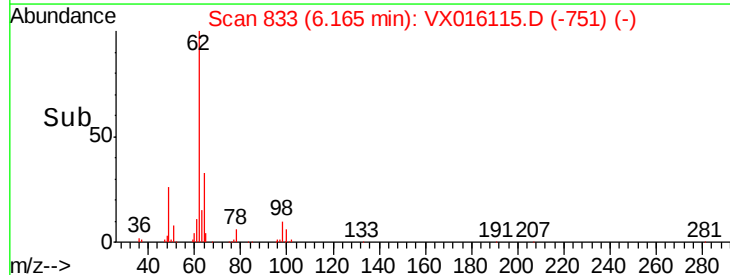
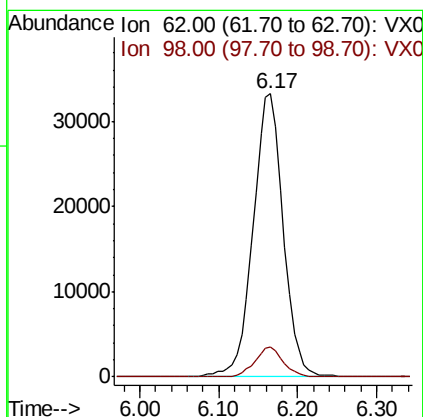
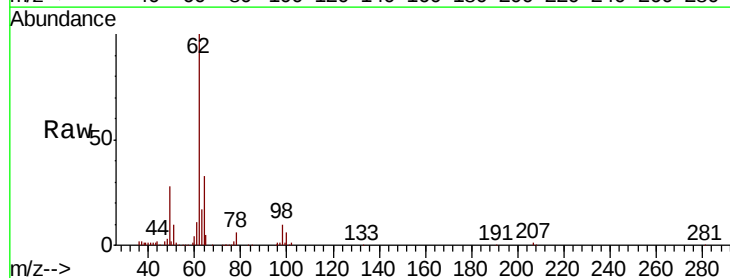
Instrument :
MSVOA_X
ClientSampled :

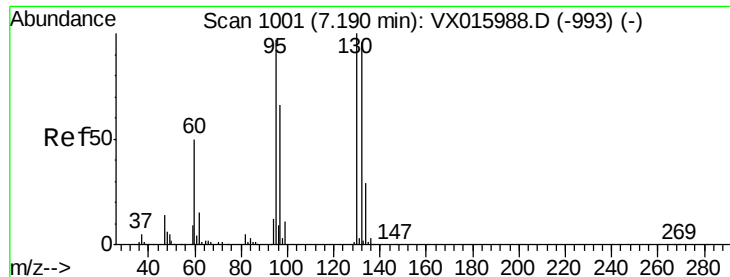
Tot Ion:	41	Resp:	52055
Ion	Ratio	Lower	Upper
41	100		
39	54.6	27.5	82.4
67	73.9	33.6	100.6
52	27.8	14.5	43.5



#36
1,2-Dichloroethane
Concen: 17.395 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion:	62	Resp:	88051
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.4	11.2

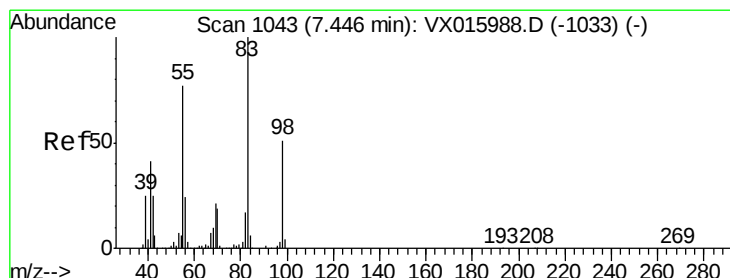
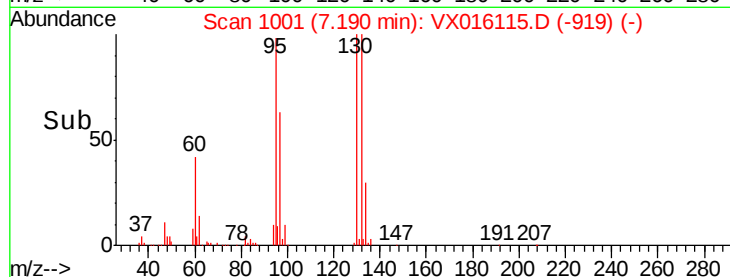
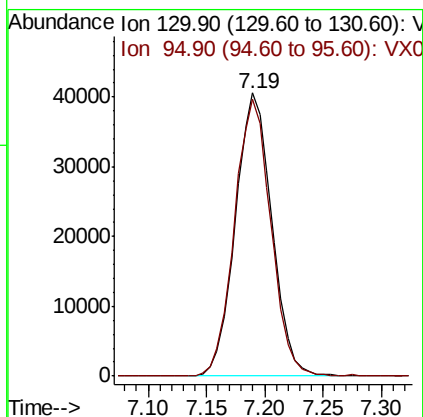
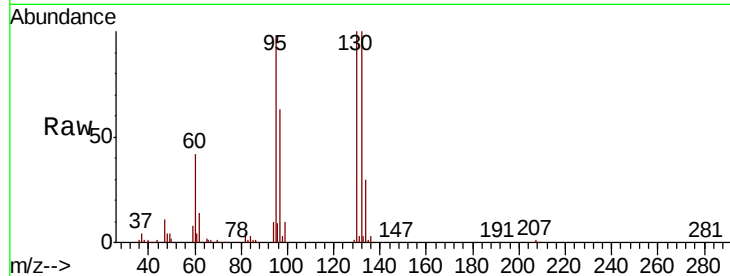




#37
 Trichloroethene
 Concen: 18.787 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

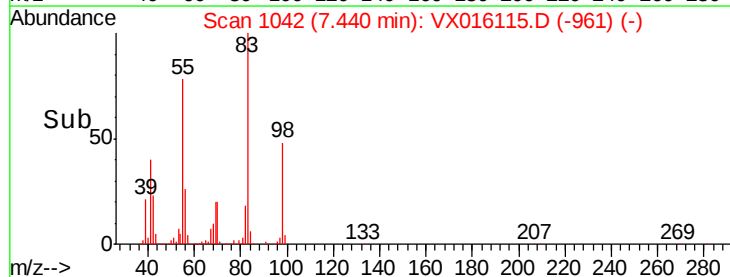
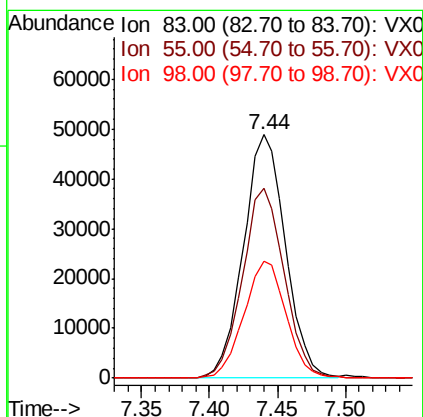
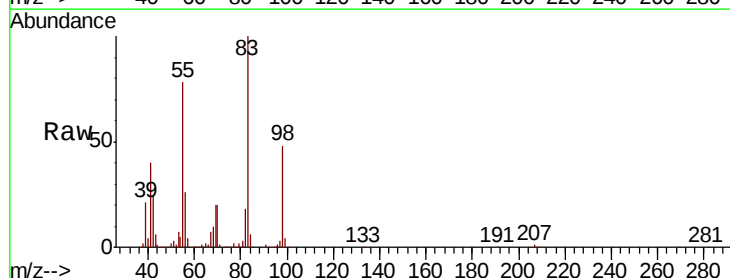
Instrument :
 MSVOA_X
 ClientSampleId :

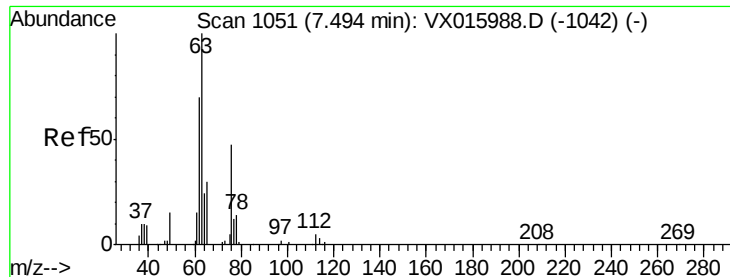
Tot Ion:130 Resp: 88585
 Ion Ratio Lower Upper
 130 100
 95 97.8 77.8 116.8



#38
 Methylcyclohexane
 Concen: 19.089 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion: 83 Resp: 105860
 Ion Ratio Lower Upper
 83 100
 55 77.5 38.8 116.4
 98 48.5 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.106 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

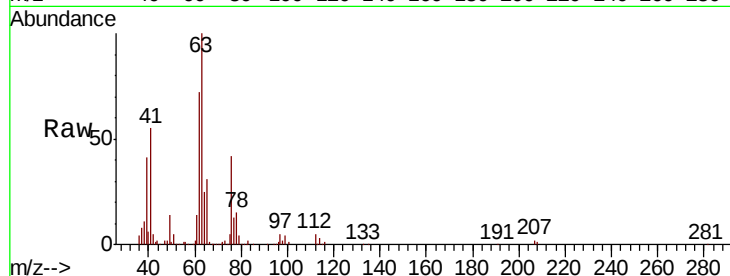
ClientSampleId :

Tot Ion: 63 Resp: 65007

Ion Ratio Lower Upper

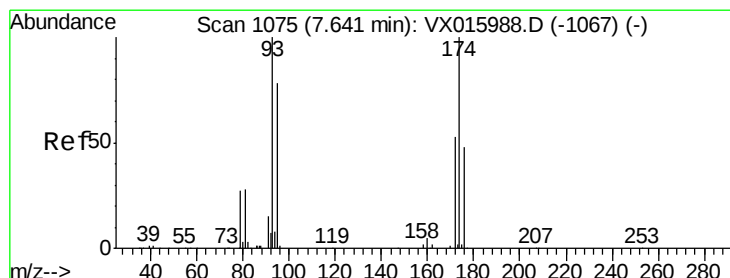
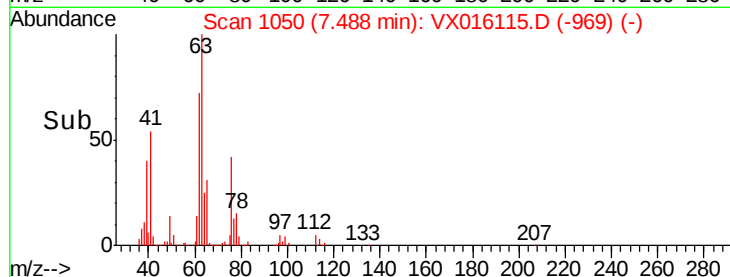
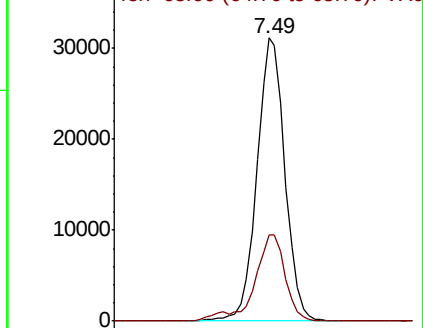
63 100

65 30.7 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: 18.201 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

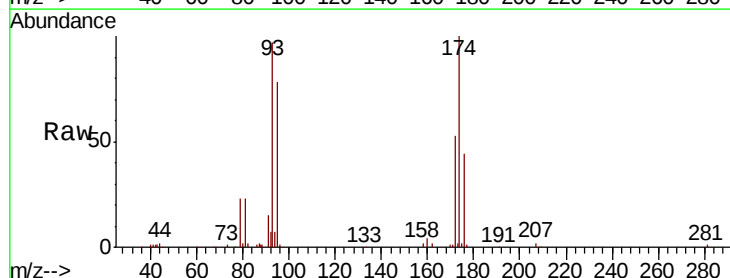
Tgt Ion: 93 Resp: 43003

Ion Ratio Lower Upper

93 100

95 81.6 0.0 162.8

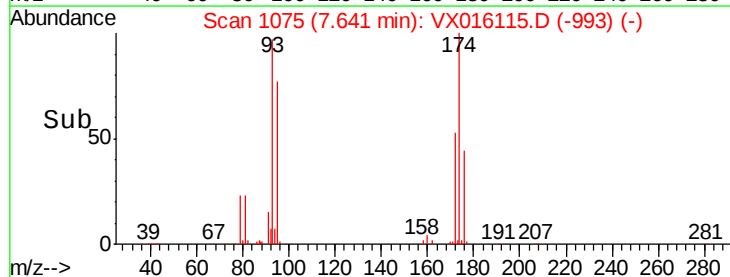
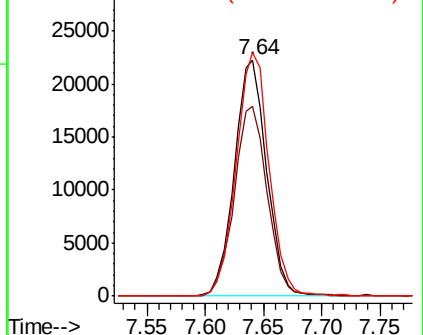
174 105.0 0.0 204.0

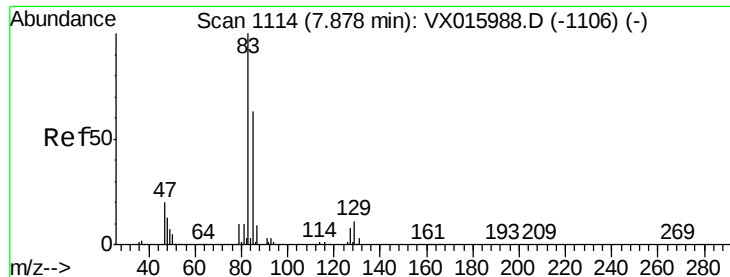


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.054 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

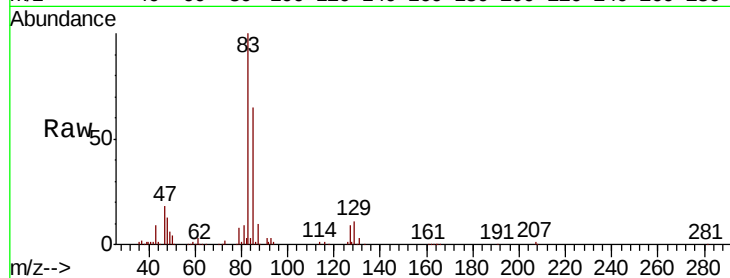
Tot Ion: 83 Resp: 87932

Ion Ratio Lower Upper

83 100

85 64.9 50.4 75.6

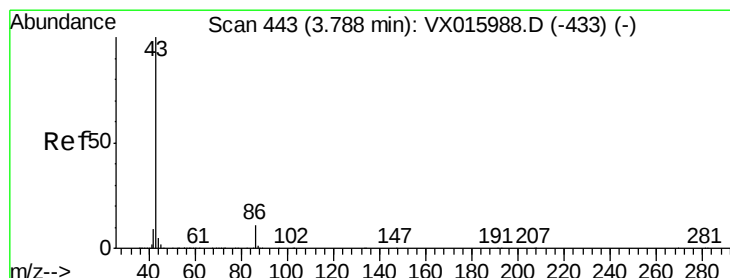
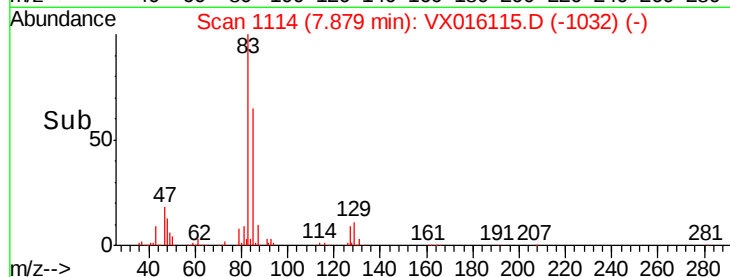
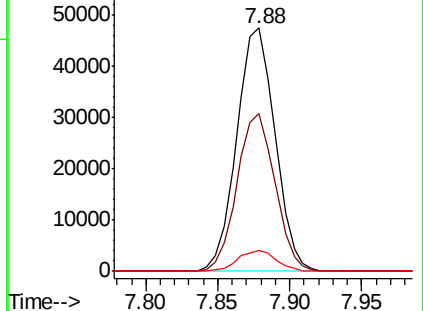
127 8.8 6.7 10.1



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: 89.186 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016115.D

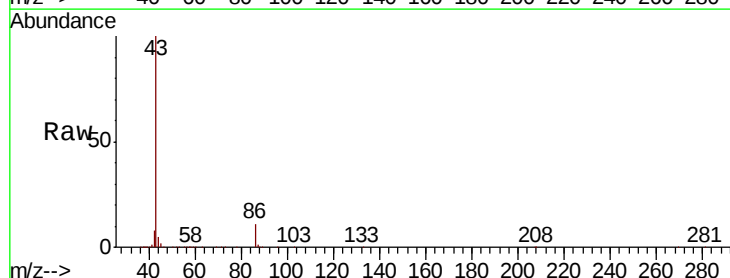
Acq: 08 May 2020 12:56

Tgt Ion: 43 Resp: 797837

Ion Ratio Lower Upper

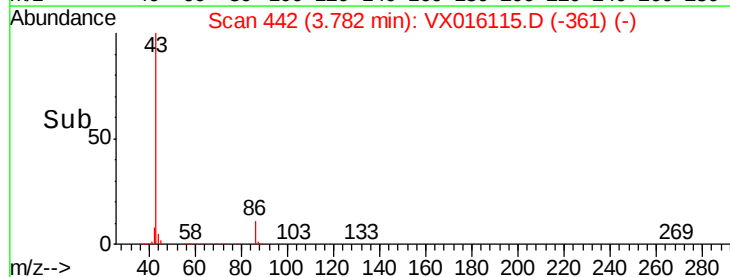
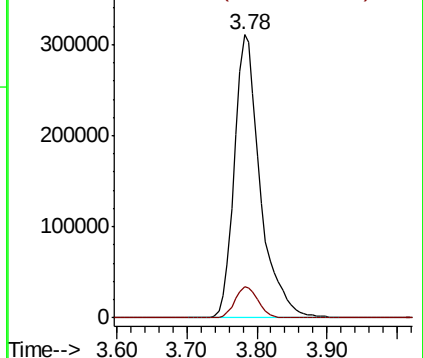
43 100

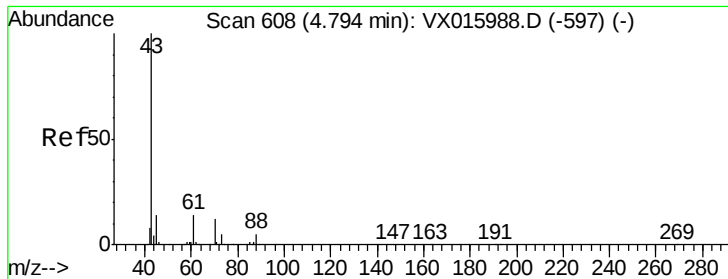
86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

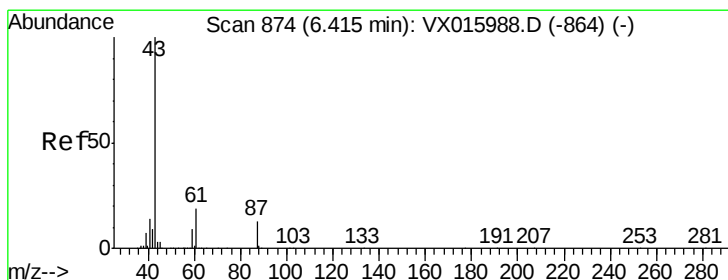
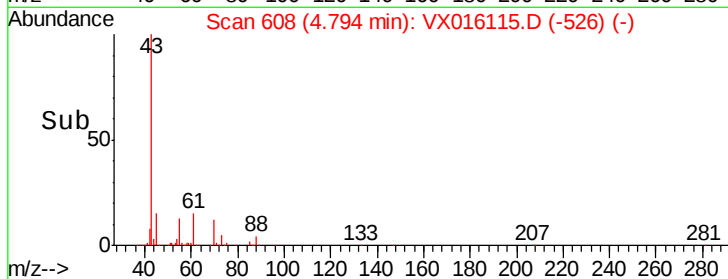
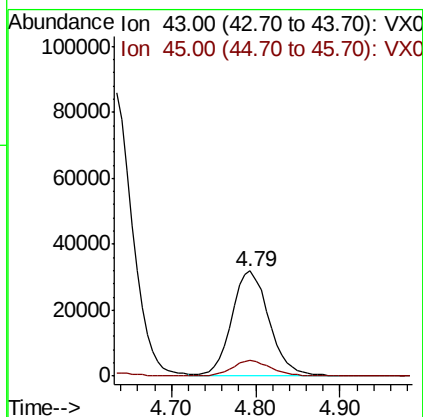
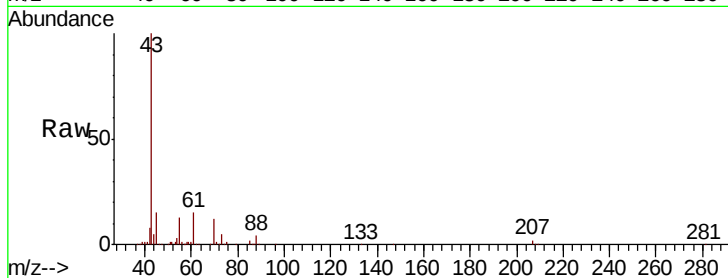




#43
Ethyl Acetate
Concen: 17.936 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

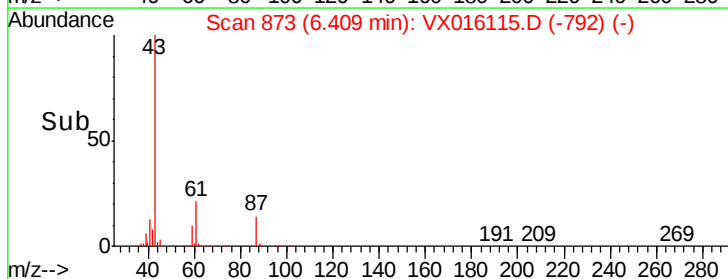
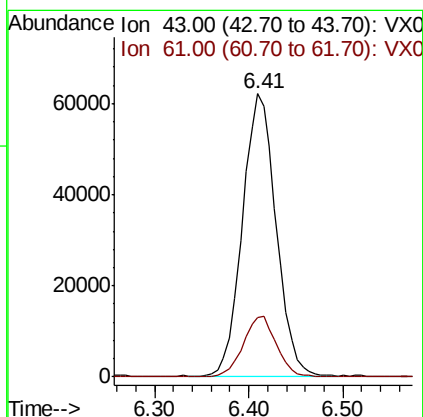
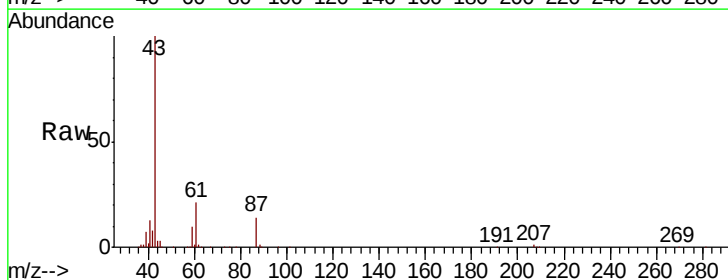
Instrument :
MSVOA_X
ClientSampleId :

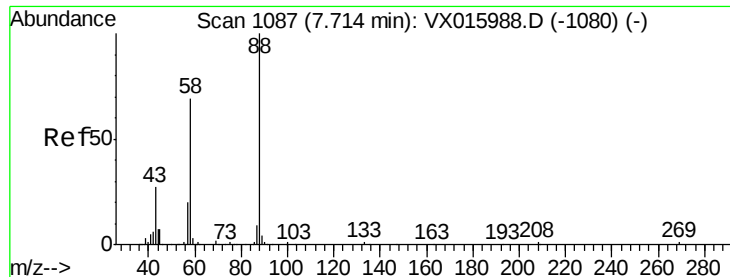
Tot Ion: 43 Resp: 95667
Ion Ratio Lower Upper
43 100
45 15.4 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.002 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 43 Resp: 155820
Ion Ratio Lower Upper
43 100
61 21.1 16.1 24.1





#45

1,4-Dioxane

Concen: 368.003 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampled :

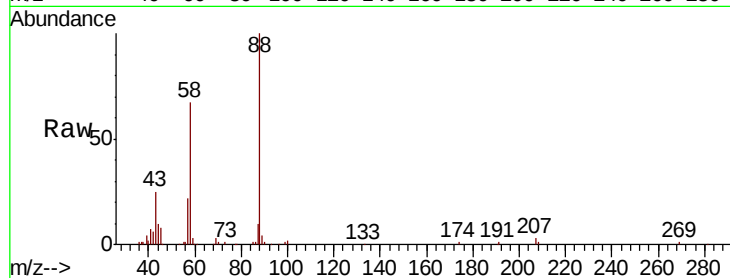
Tot Ion: 88 Resp: 33646

Ion Ratio Lower Upper

88 100

43 31.4 26.3 39.5

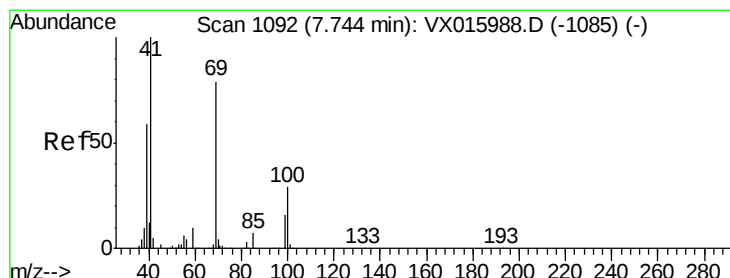
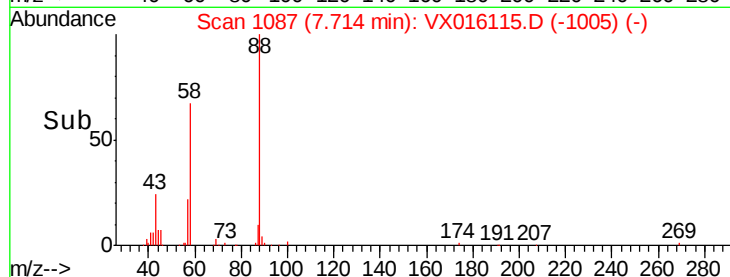
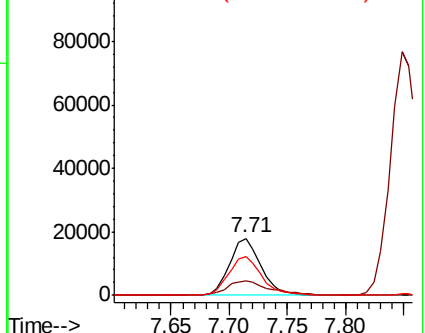
58 72.1 57.0 85.6



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: 17.636 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

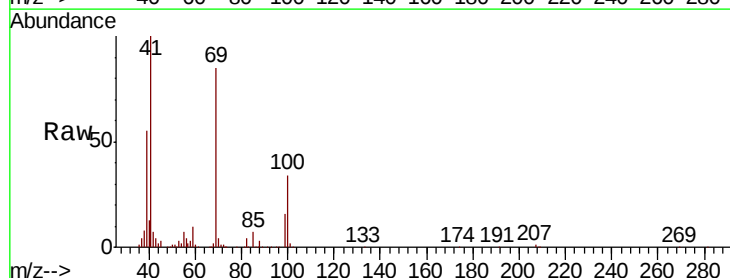
Tgt Ion: 41 Resp: 72369

Ion Ratio Lower Upper

41 100

69 85.6 39.5 118.5

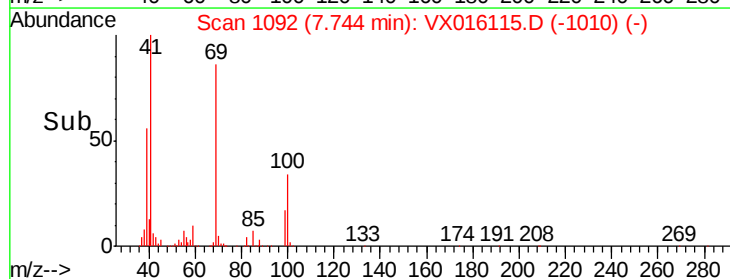
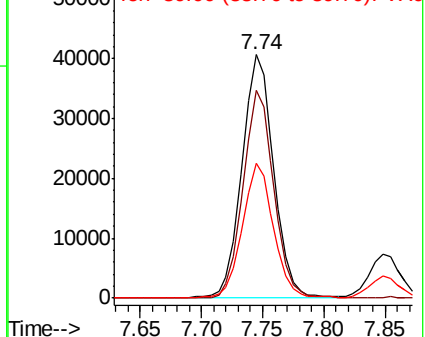
39 55.5 29.6 88.9

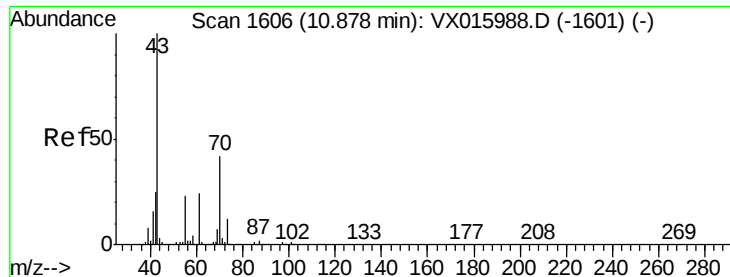


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 16.765 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

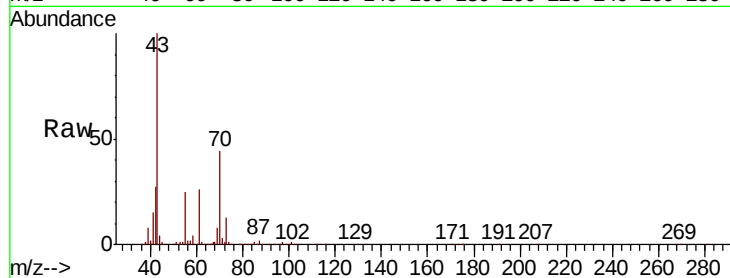
ClientSampled :

Tot Ion: 43 Resp: 126888

Ion Ratio Lower Upper

43 100

55 25.3 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

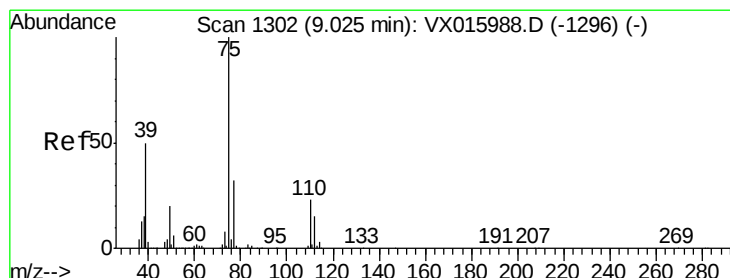
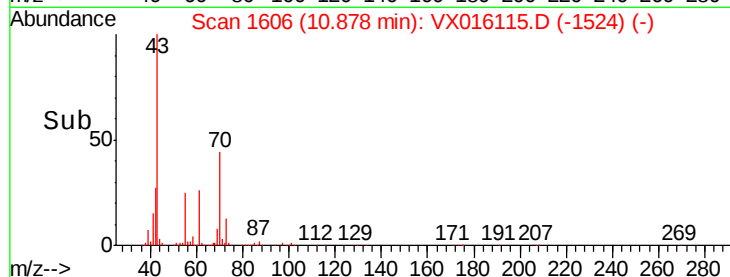
40000

20000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.139 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016115.D

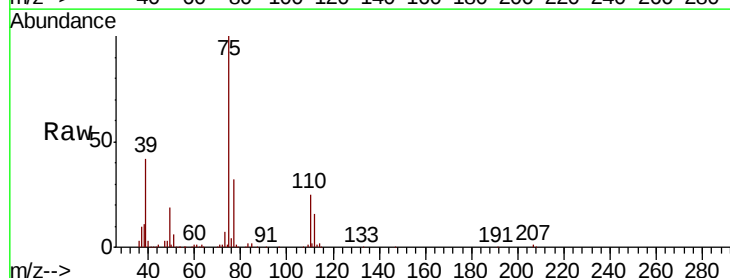
Acq: 08 May 2020 12:56

Tgt Ion: 75 Resp: 102591

Ion Ratio Lower Upper

75 100

77 31.7 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

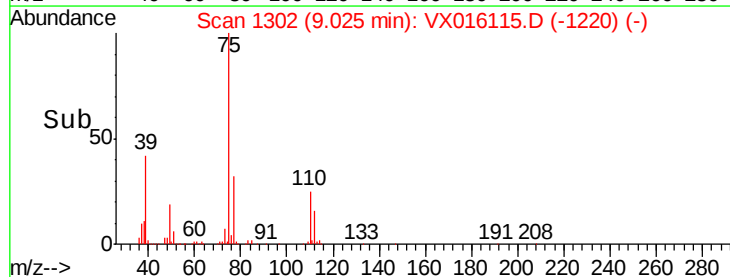
40000

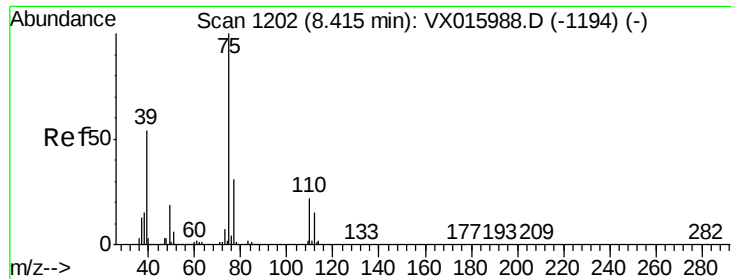
20000

0

9.00 9.10

Time-->



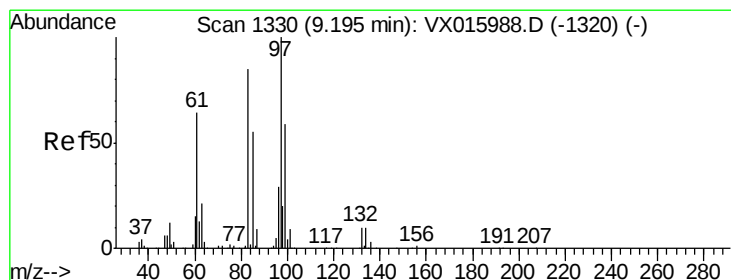
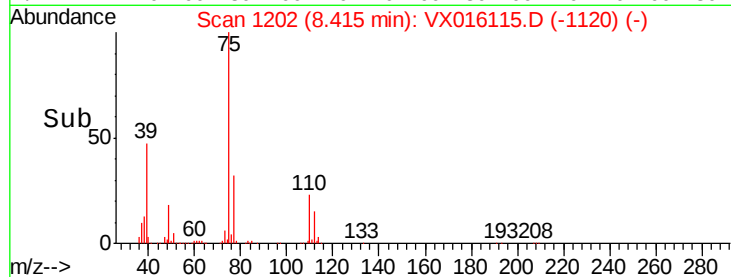
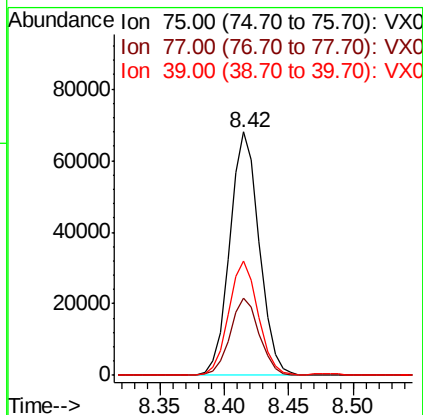
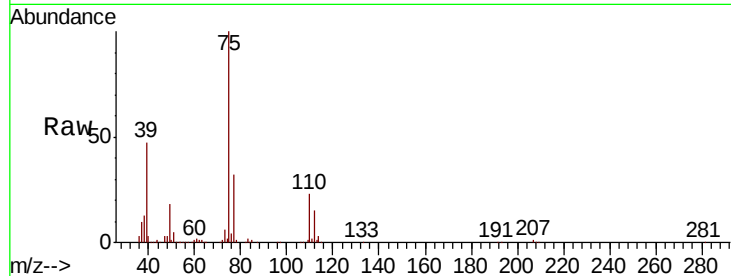


#49

cis-1,3-Dichloropropene
 Concen: 18.543 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Instrument :
 MSVOA_X
 ClientSampleId :

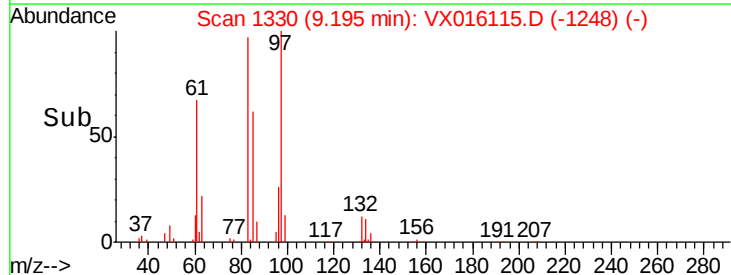
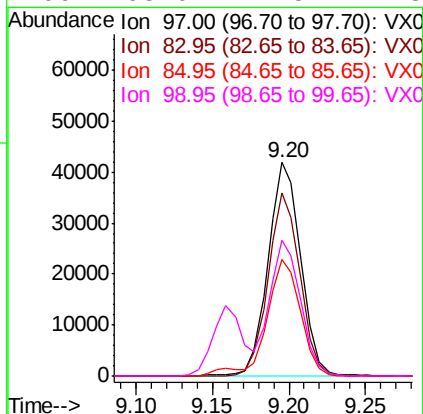
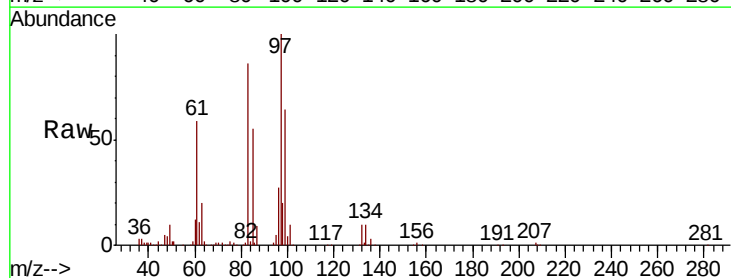
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.6
39	46.9	43.2	64.8

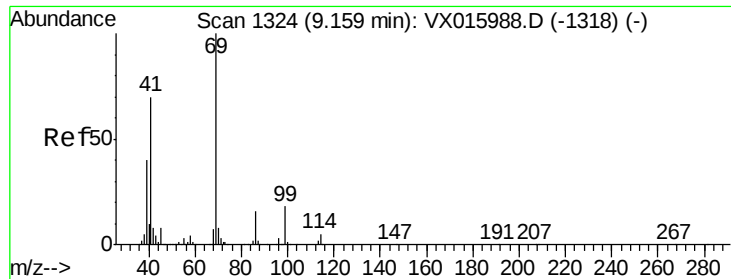


#50

1,1,2-Trichloroethane
 Concen: 18.647 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.7	101.5
85	54.8	43.7	65.5
99	63.0	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.975 ug/l

RT: 9.16 min Scan# 1324

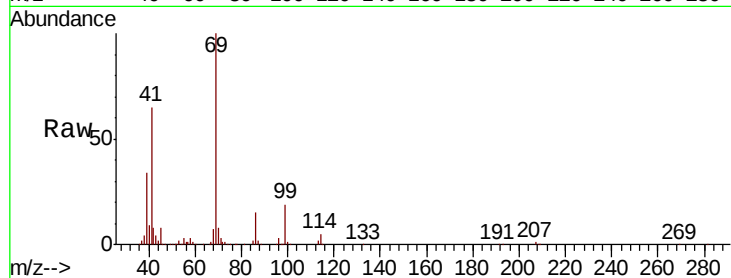
Delta R.T. 0.00 min

Lab File: VX016115.D

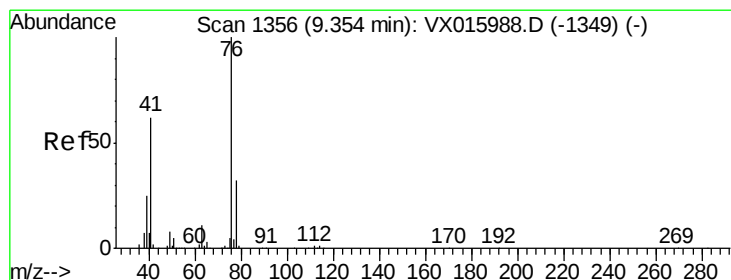
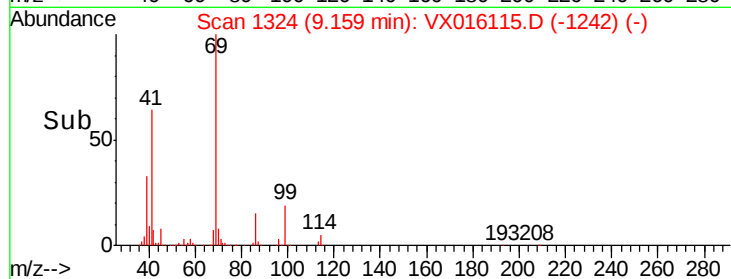
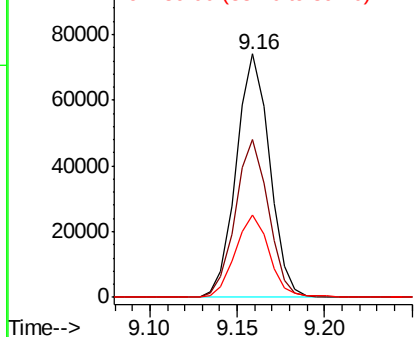
Acq: 08 May 2020 12:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69.00	Resp:	98824
Ion	Ratio	Lower	Upper
69	100		
41	64.8	34.8	104.4
39	33.6	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: 18.653 ug/l

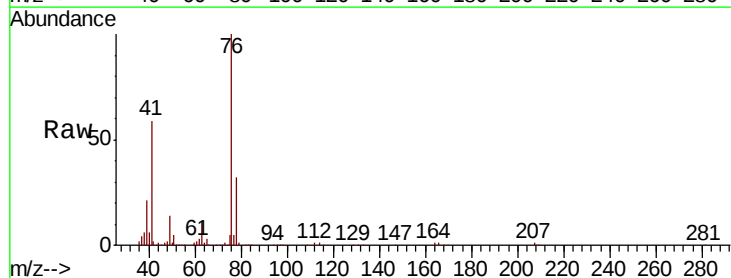
RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

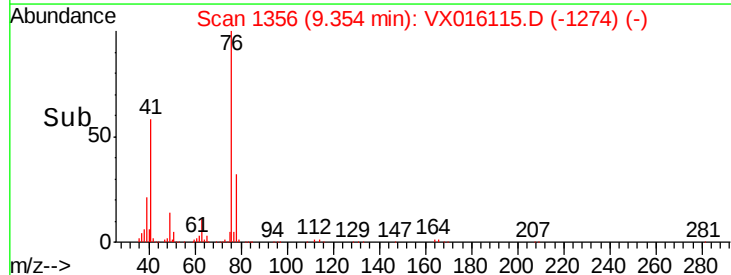
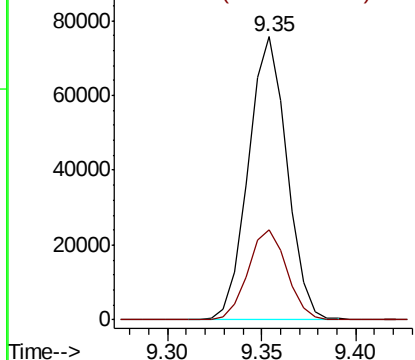
Lab File: VX016115.D

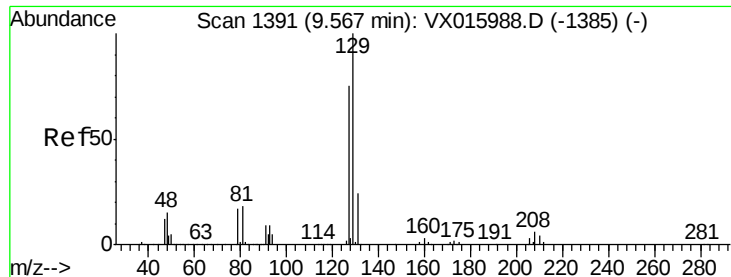
Acq: 08 May 2020 12:56

Tgt Ion:	76.00	Resp:	107357
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	64.2



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

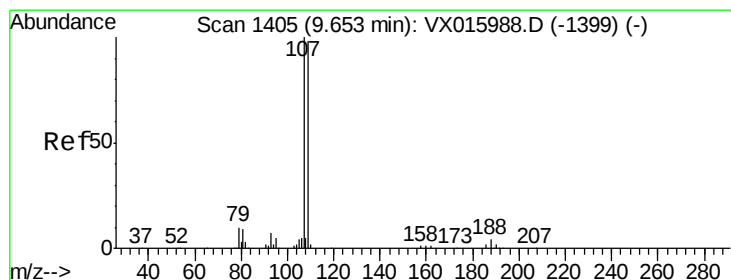
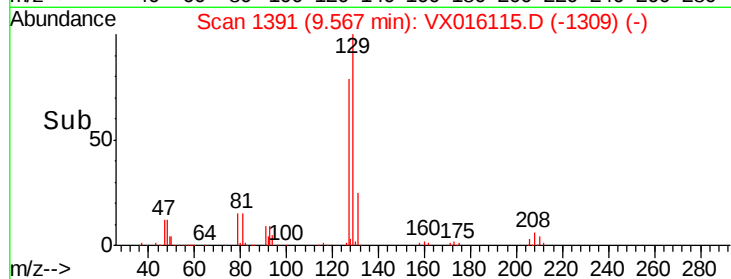
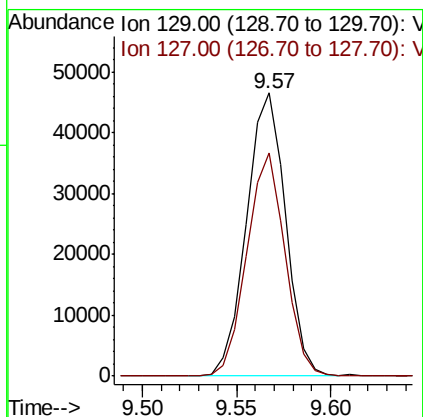
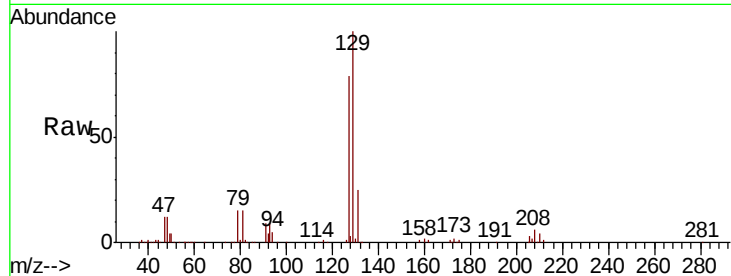




#53
 Dibromochloromethane
 Concen: 17.674 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

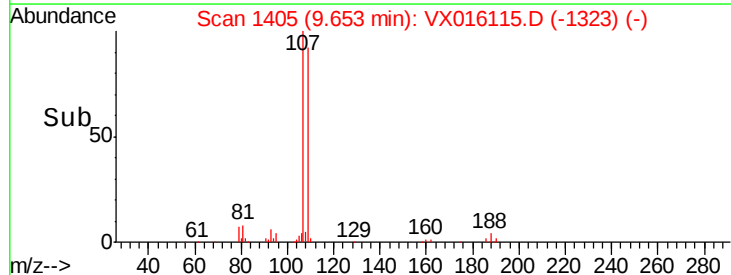
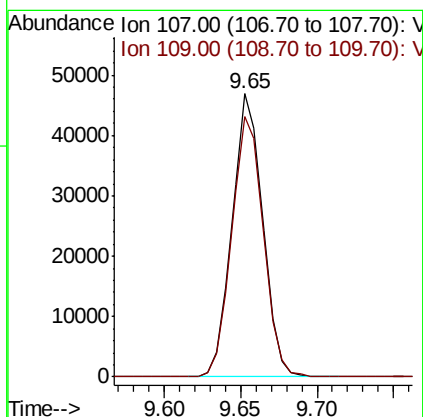
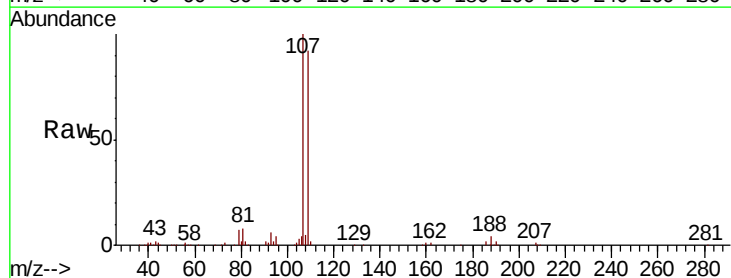
Instrument :
 MSVOA_X
 ClientSampleId :

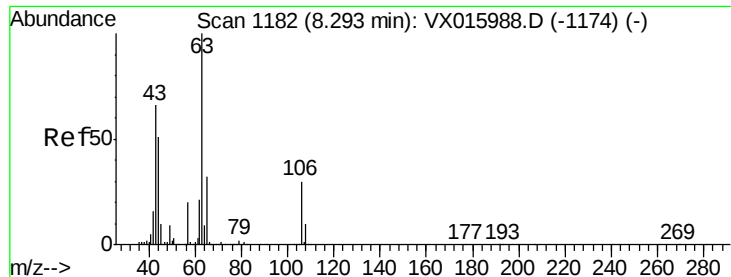
Tot Ion:129 Resp: 66945
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.3 114.9



#54
 1,2-Dibromoethane
 Concen: 17.782 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion:107 Resp: 65068
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.7 112.1

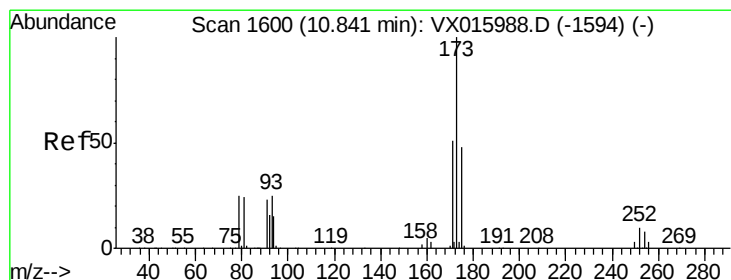
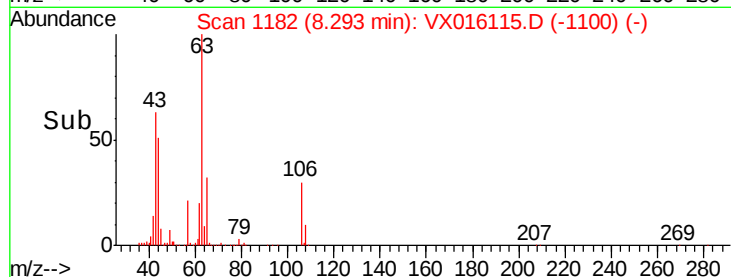
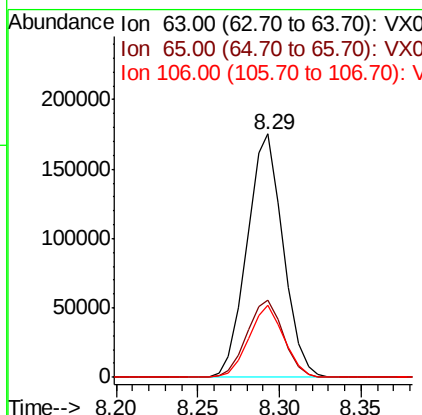
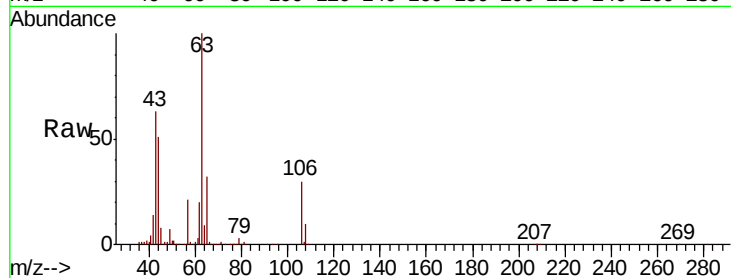




#55
2-Chloroethyl vinyl ether
Concen: 90.134 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

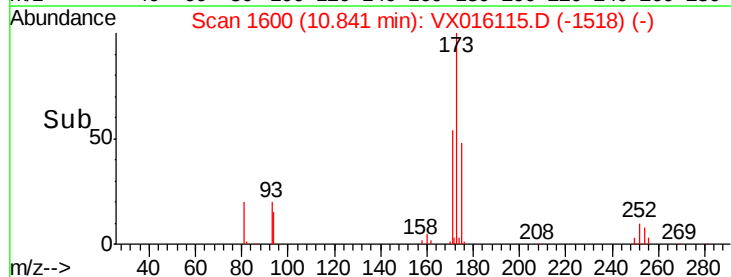
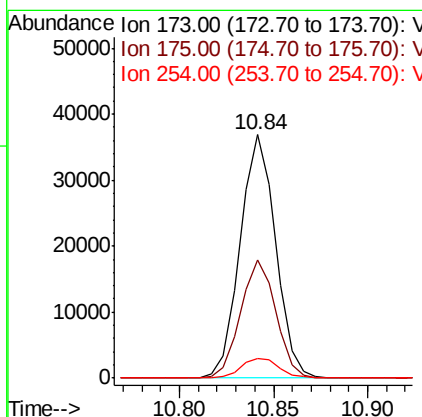
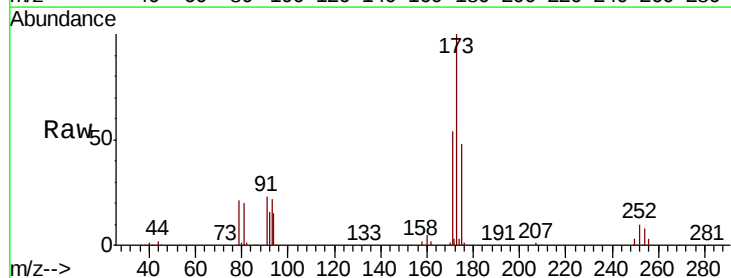
Instrument :
MSVOA_X
ClientSampleId :

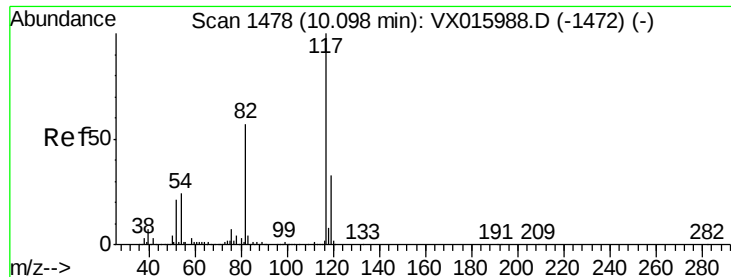
Tot Ion: 63 Resp: 269586
Ion Ratio Lower Upper
63 100
65 32.2 25.6 38.4
106 29.0 23.4 35.0



#56
Bromoform
Concen: 16.896 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 173 Resp: 48220
Ion Ratio Lower Upper
173 100
175 48.2 38.0 57.0
254 8.6 6.8 10.2

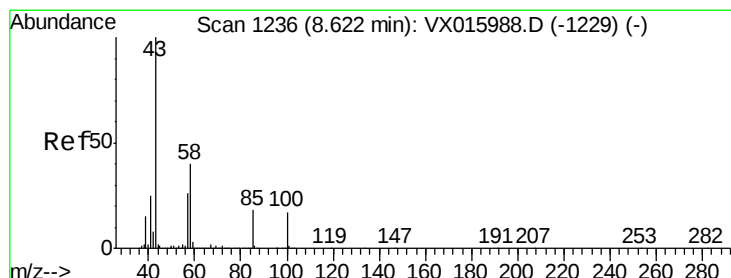
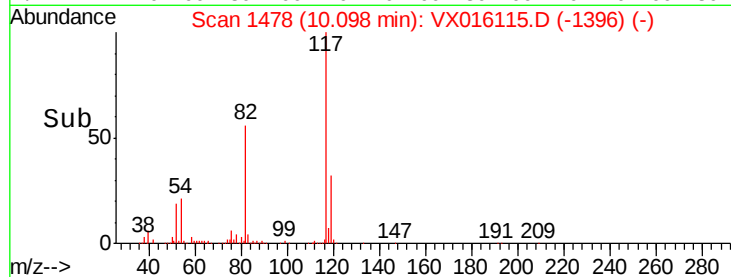
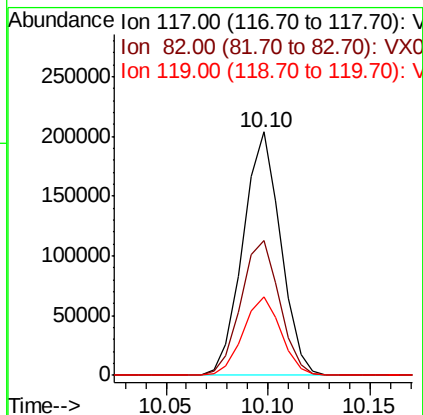
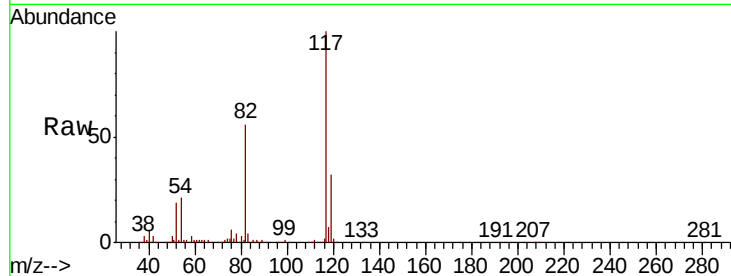




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

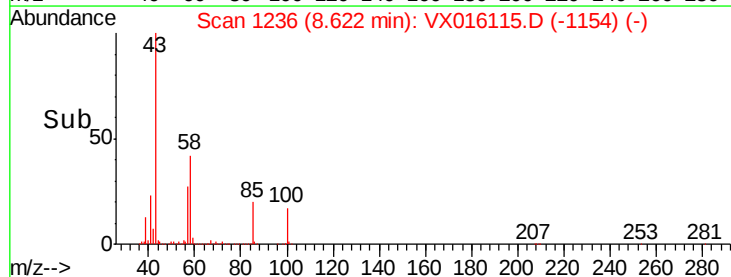
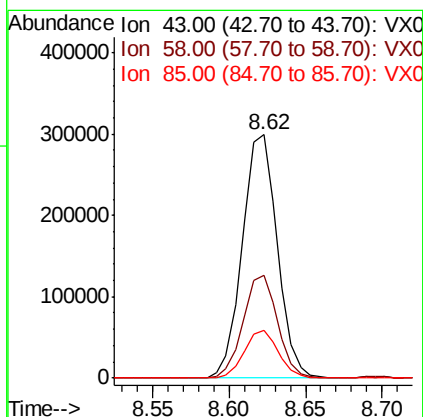
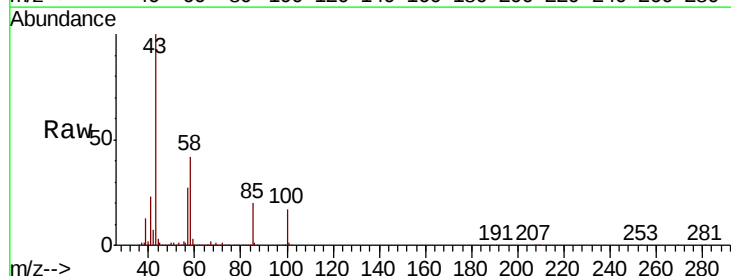
Instrument :
MSVOA_X
ClientSampled :

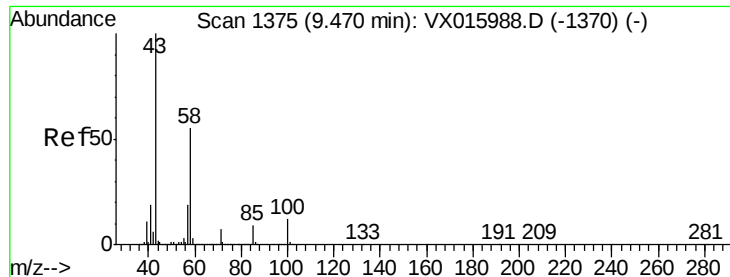
Tot Ion:117 Resp: 262410
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 32.2 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 91.678 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 43 Resp: 474413
Ion Ratio Lower Upper
43 100
58 41.5 31.8 47.6
85 19.2 14.5 21.7

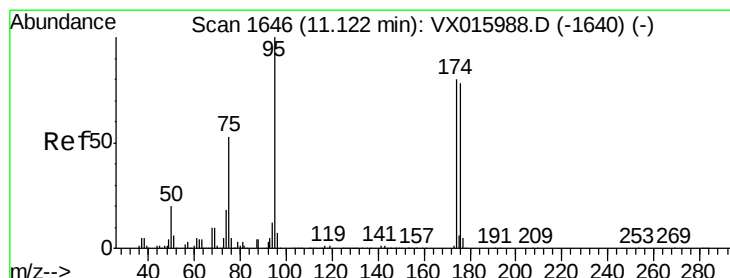
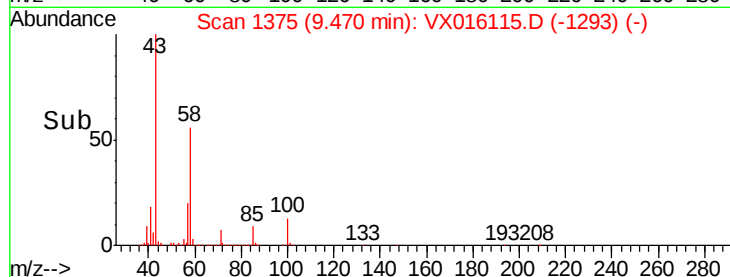
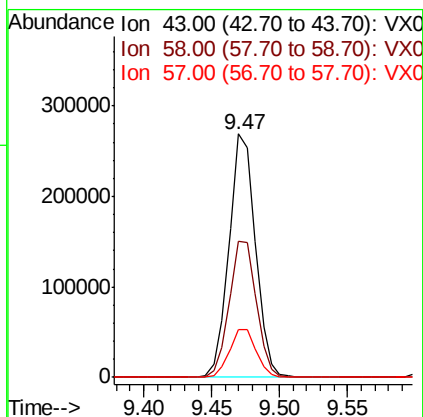
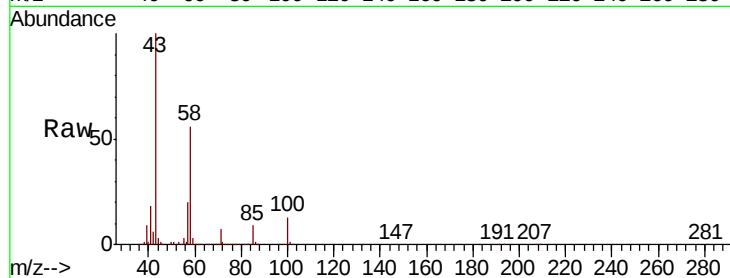




#59
2-Hexanone
Concen: 90.963 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

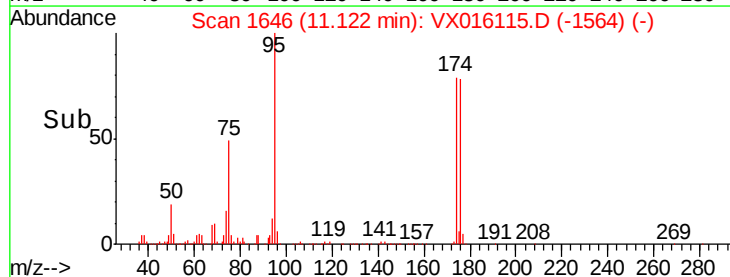
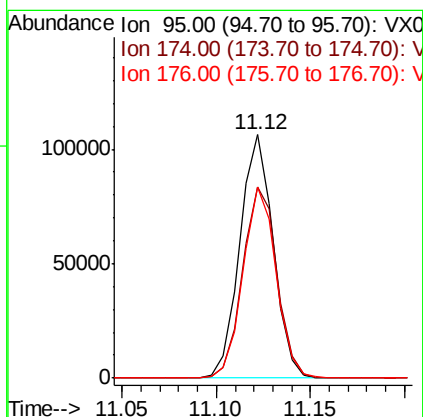
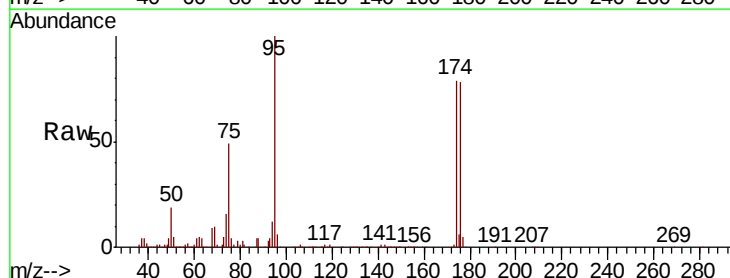
Instrument :
MSVOA_X
ClientSampleId :

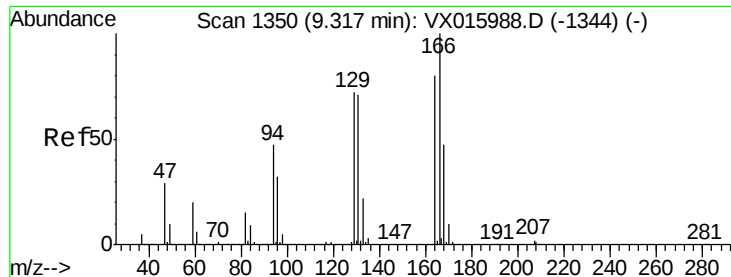
Tot Ion	Ratio	Lower	Upper
43	100		
58	57.7	44.0	66.0
57	20.2	15.5	23.3



#60
4-Bromofluorobenzene
Concen: 29.633 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	64.8	97.2
176	77.8	62.4	93.6





#61

Tetrachloroethene

Concen: 19.006 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 98654

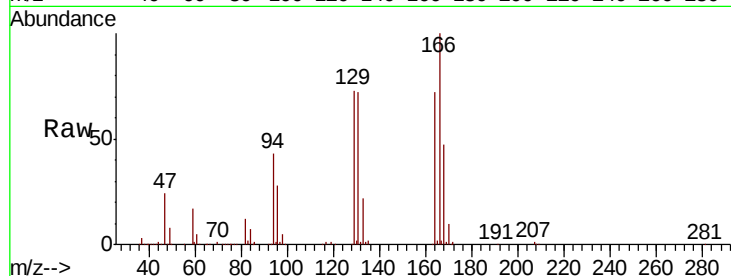
Ion Ratio Lower Upper

164 100

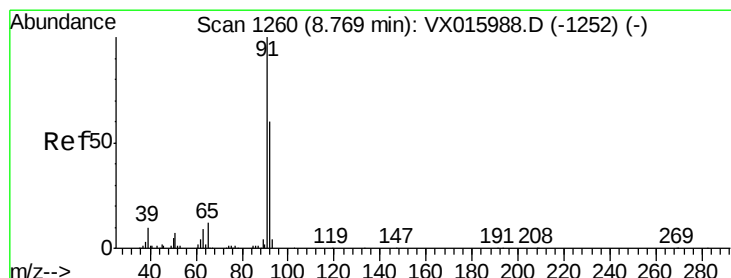
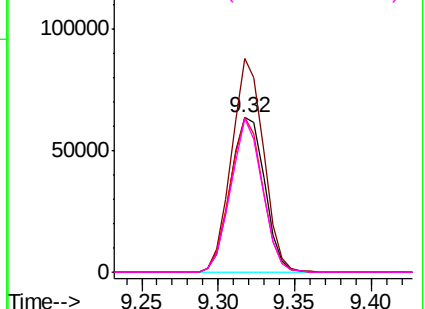
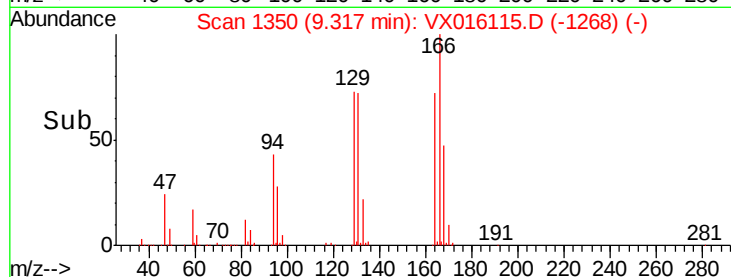
166 138.1 100.1 150.1

129 100.4 72.2 108.4

131 99.2 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: 19.080 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016115.D

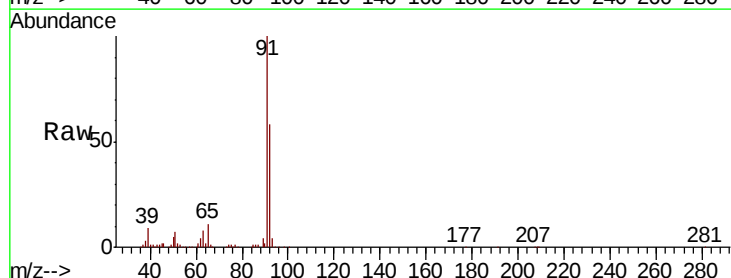
Acq: 08 May 2020 12:56

Tgt Ion: 91 Resp: 267487

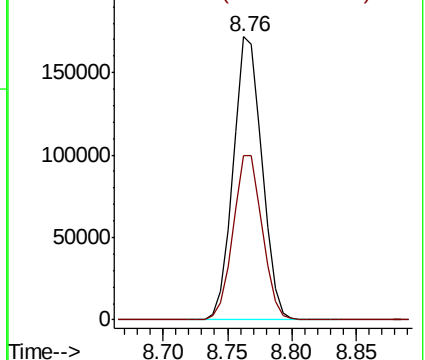
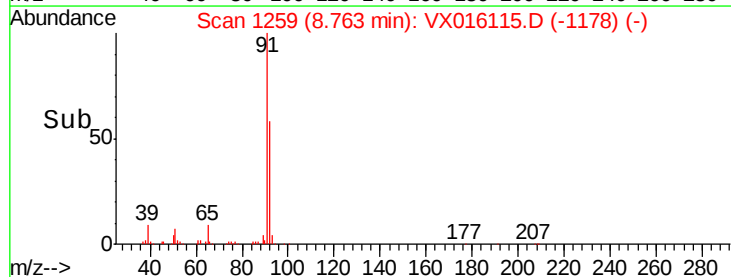
Ion Ratio Lower Upper

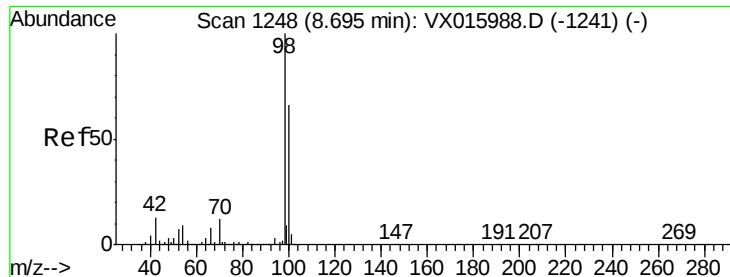
91 100

92 58.9 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: 31.107 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

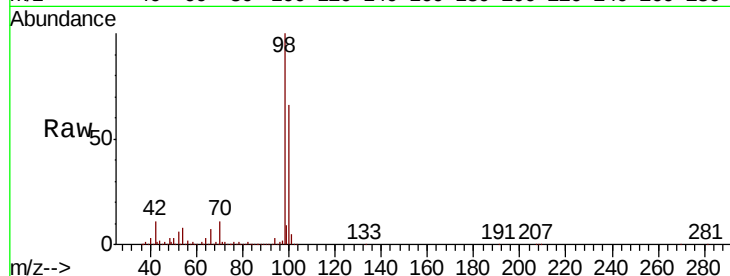
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 350177

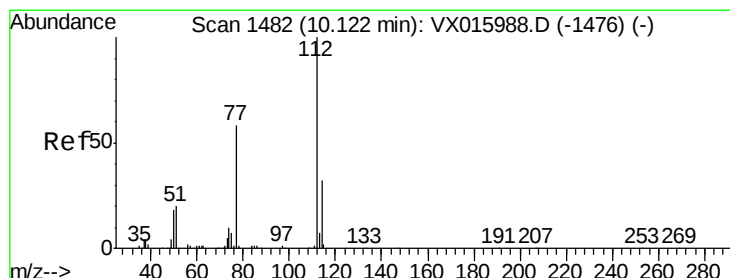
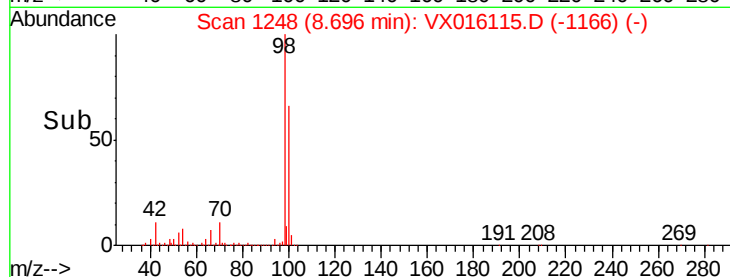
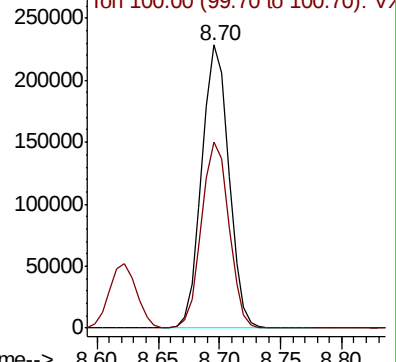
Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX016115.D (-1166) (-)



#64

Chlorobenzene

Concen: 18.802 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016115.D

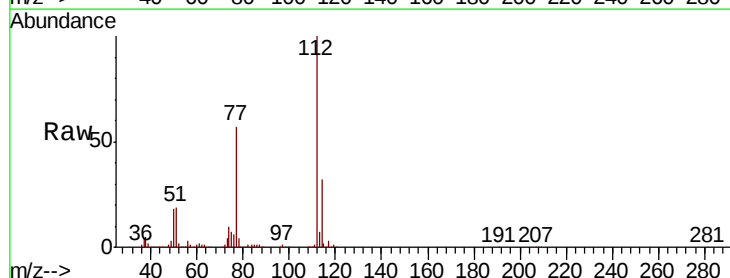
Acq: 08 May 2020 12:56

Tgt Ion: 112 Resp: 167834

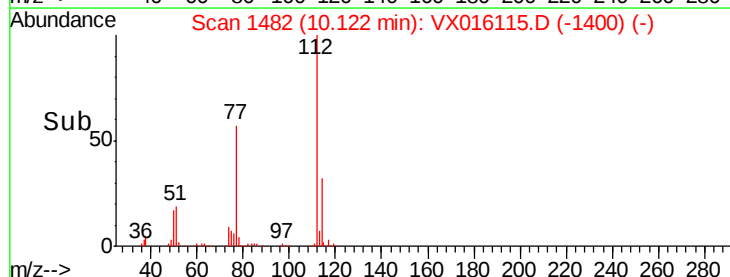
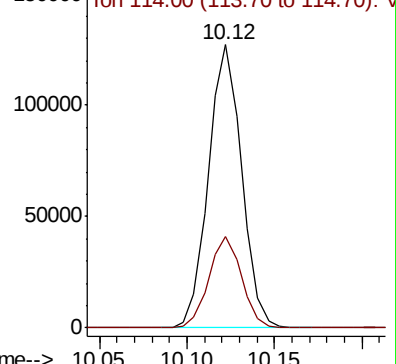
Ion Ratio Lower Upper

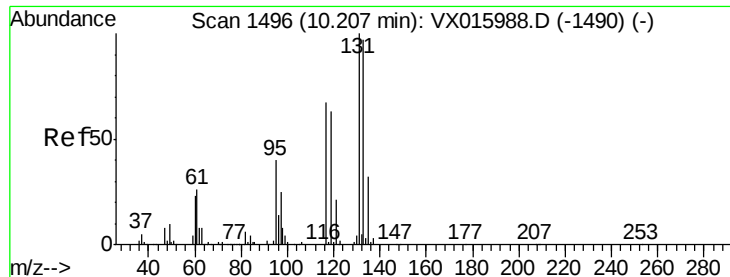
112 100

114 32.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): VX016115.D (-1400) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 17.992 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

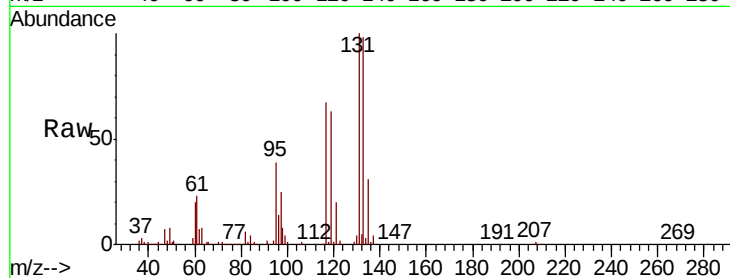
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:131 Resp: 60969

Ion	Ratio	Lower	Upper
131	100		
133	95.3	0.0	187.0
119	64.6	0.0	129.0

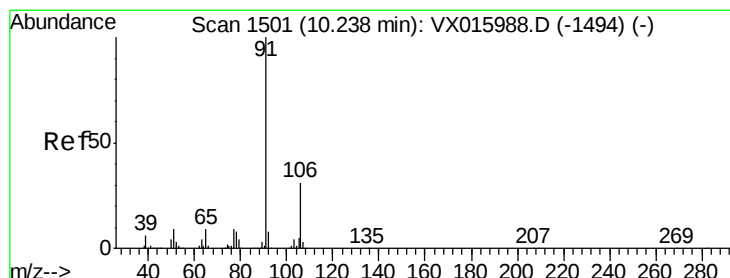
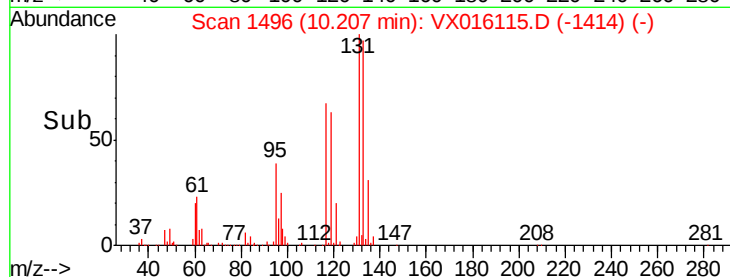
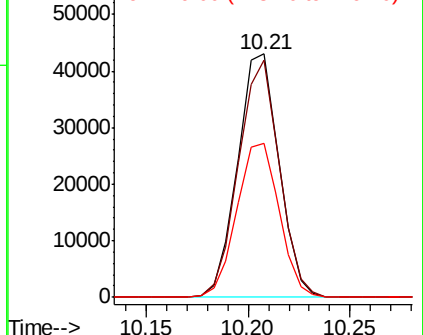


Abundance

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: 18.807 ug/l

RT: 10.24 min Scan# 1501

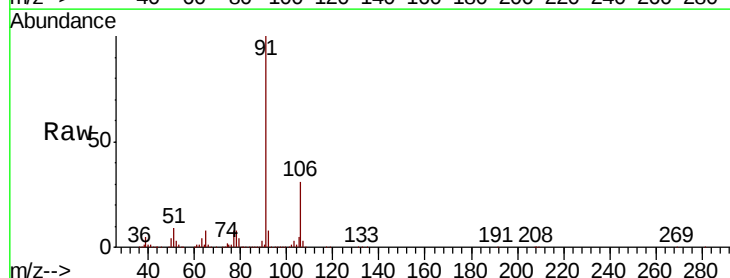
Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Tgt Ion: 91 Resp: 300233

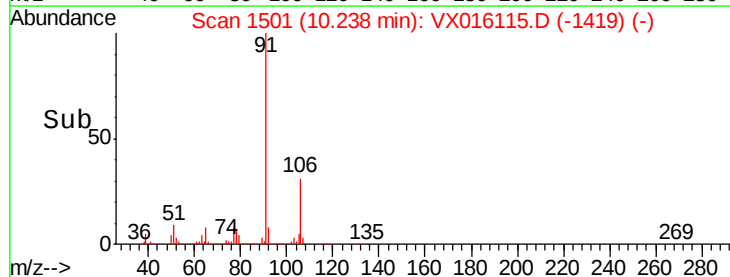
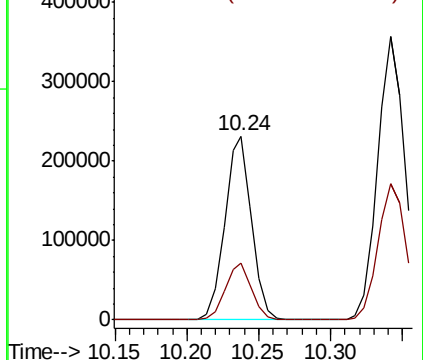
Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.8	37.2

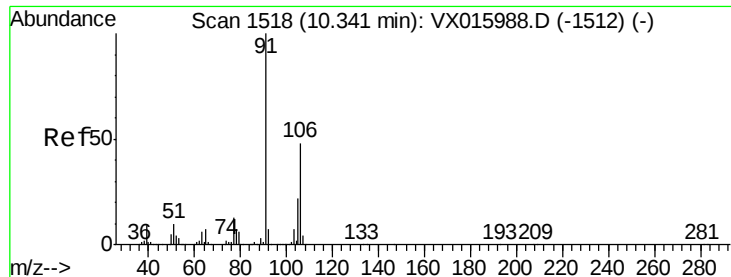


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

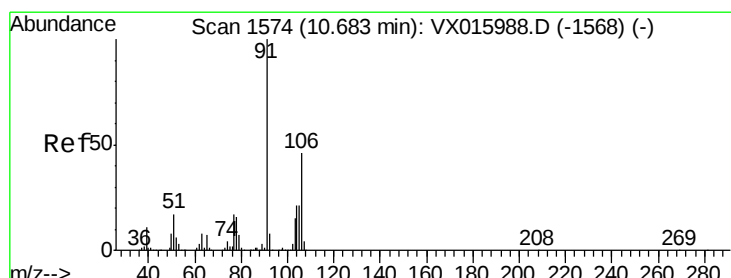
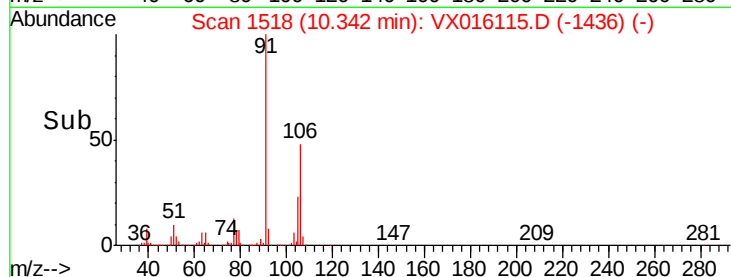
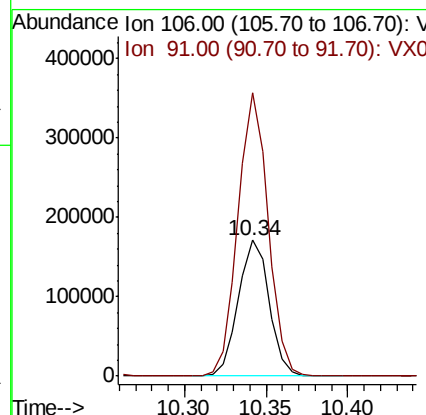
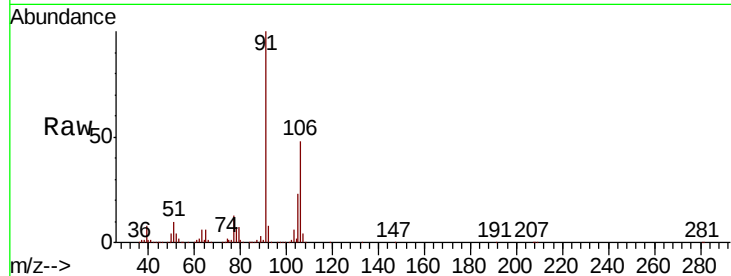




#67
m/p-Xylenes
Concen: 37.169 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

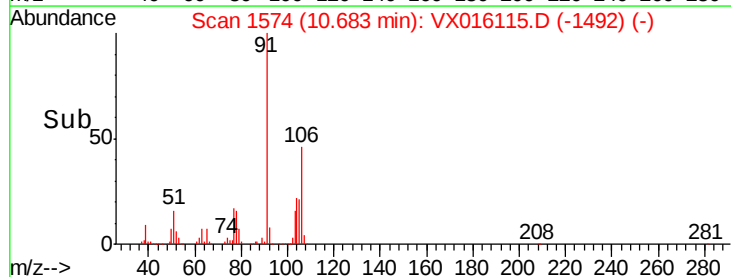
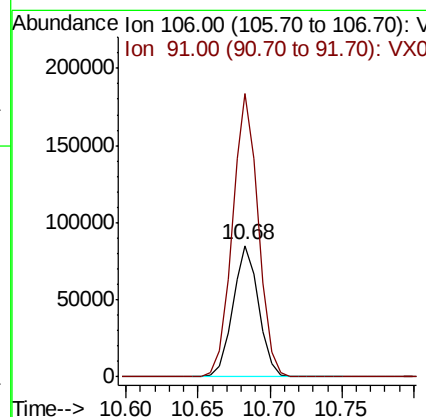
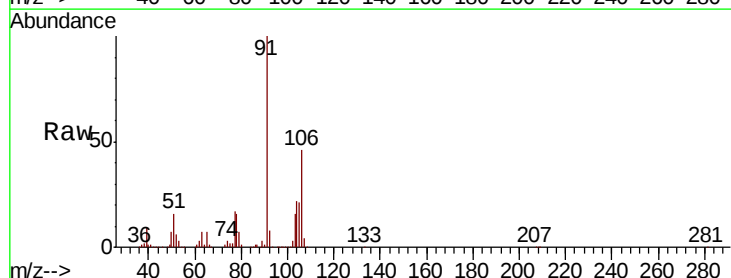
Instrument :
MSVOA_X
ClientSampleId :

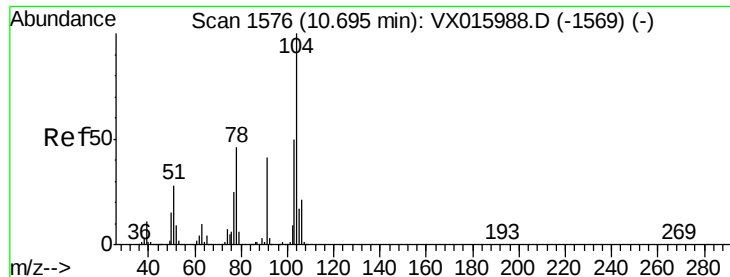
Tot Ion:106 Resp: 226037
Ion Ratio Lower Upper
106 100
91 203.5 164.2 246.4



#68
o-Xylene
Concen: 18.221 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion:106 Resp: 106852
Ion Ratio Lower Upper
106 100
91 215.7 108.3 325.0





#69

Stvrene

Concen: 18.110 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

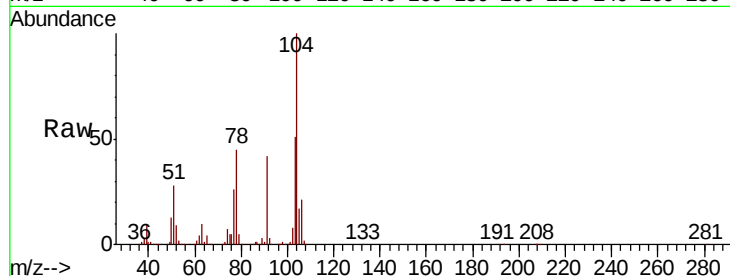
Tot Ion:104 Resp: 181767

Ion Ratio Lower Upper

104 100

78 50.3 40.7 61.1

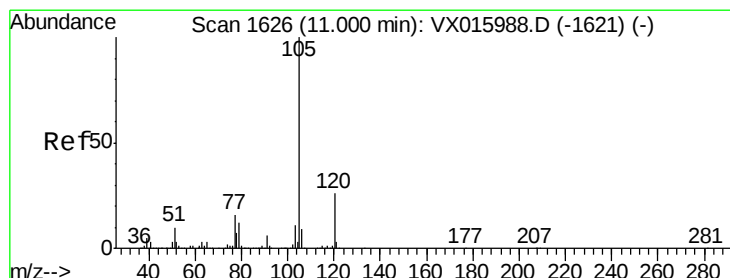
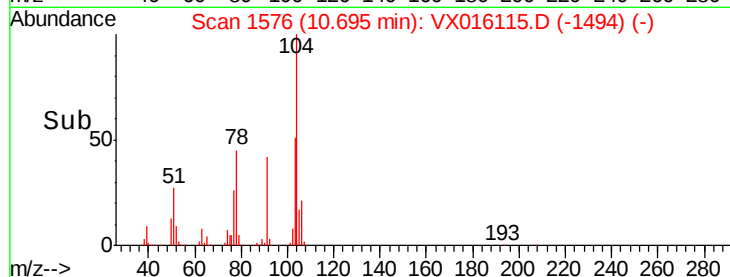
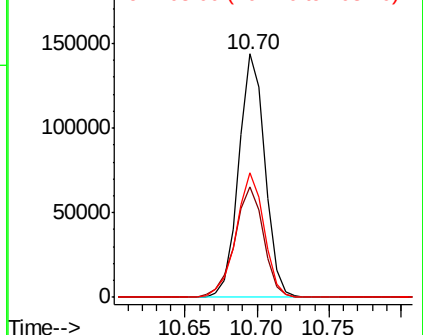
103 54.7 43.0 64.4



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: 18.263 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016115.D

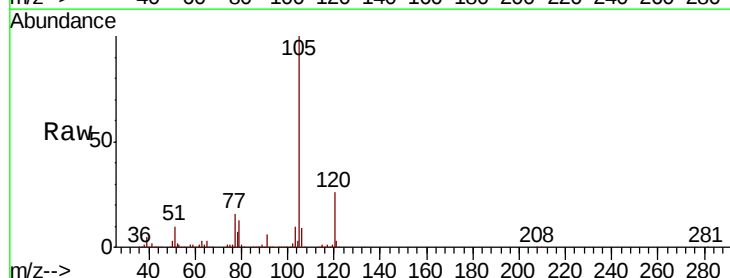
Acq: 08 May 2020 12:56

Tgt Ion:105 Resp: 289161

Ion Ratio Lower Upper

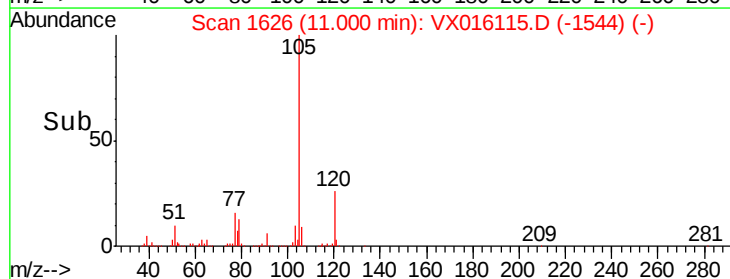
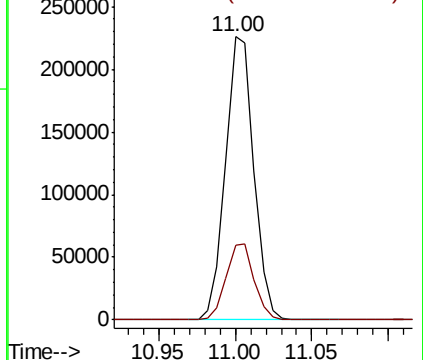
105 100

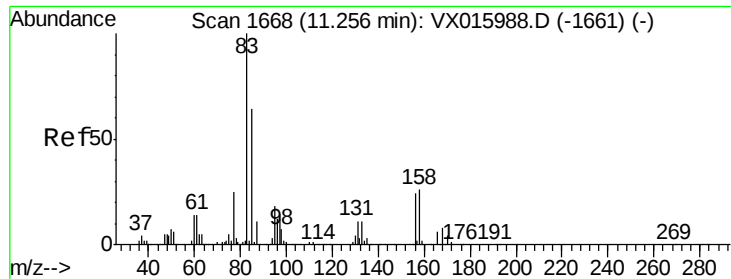
120 26.6 18.6 34.5



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: 16.948 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

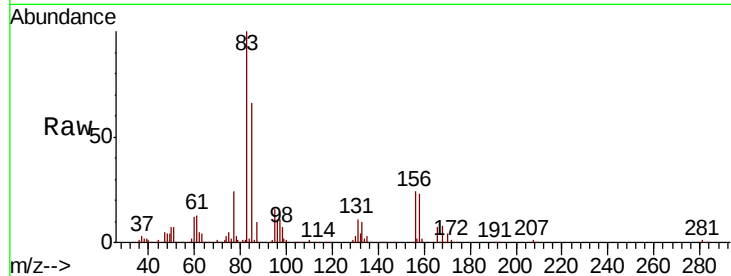
Tot Ion: 83 Resp: 49884

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

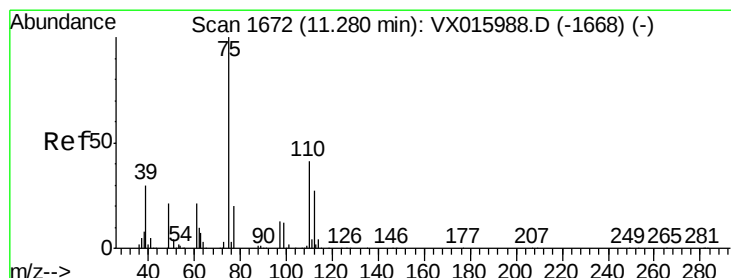
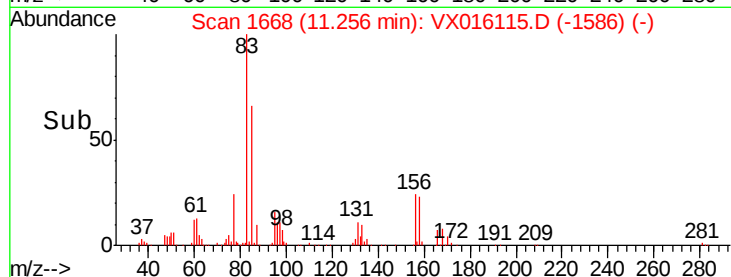
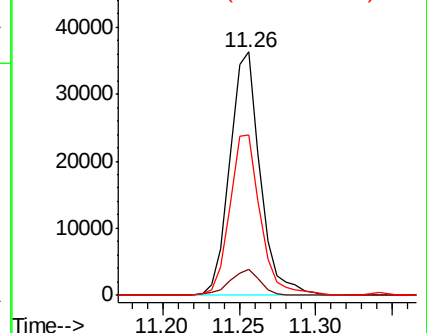
85 66.5 33.0 98.9



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: 25.250 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016115.D

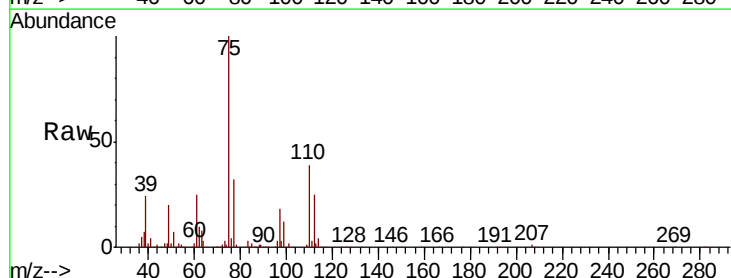
Acq: 08 May 2020 12:56

Tgt Ion: 75 Resp: 120372

Ion Ratio Lower Upper

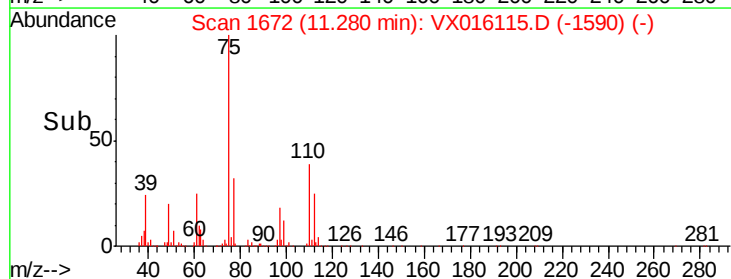
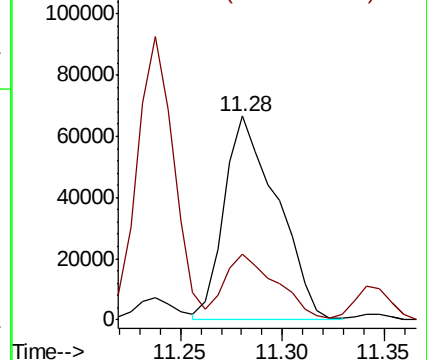
75 100

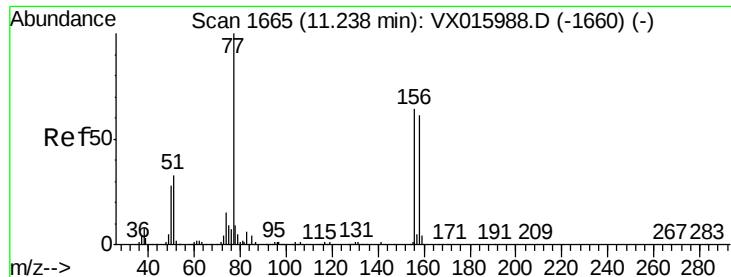
77 31.4 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.055 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

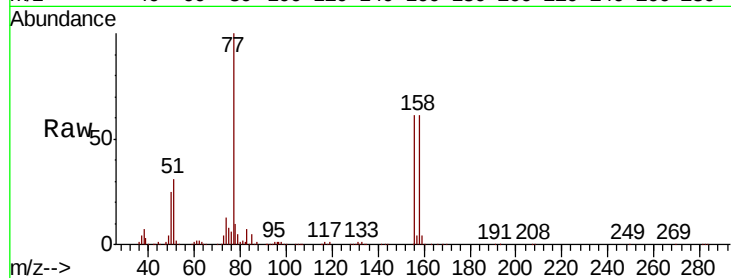
Tot Ion:156 Resp: 72037

Ion Ratio Lower Upper

156 100

77 160.4 0.0 318.0

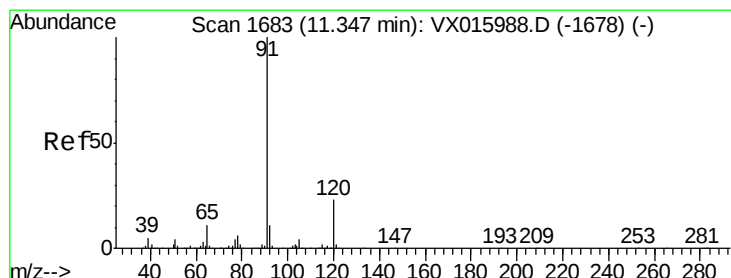
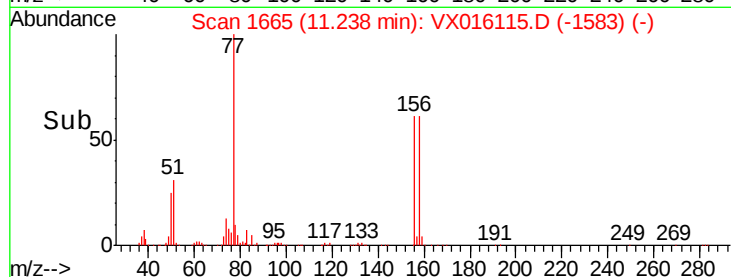
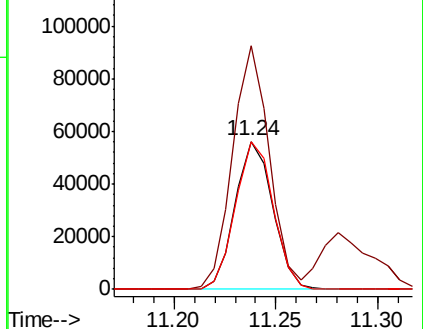
158 100.1 0.0 193.2



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: 18.448 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016115.D

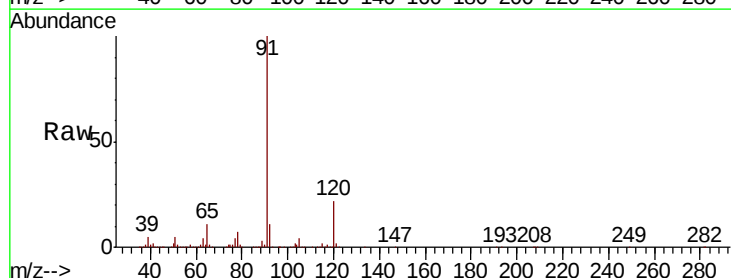
Acq: 08 May 2020 12:56

Tgt Ion: 91 Resp: 339272

Ion Ratio Lower Upper

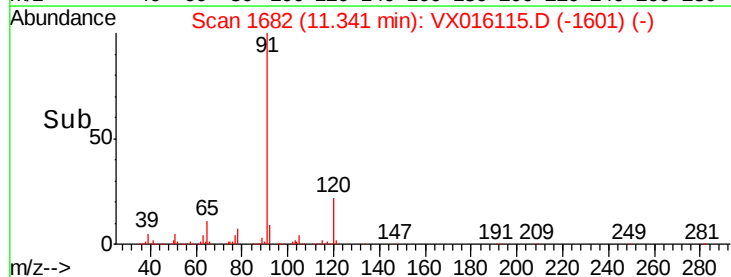
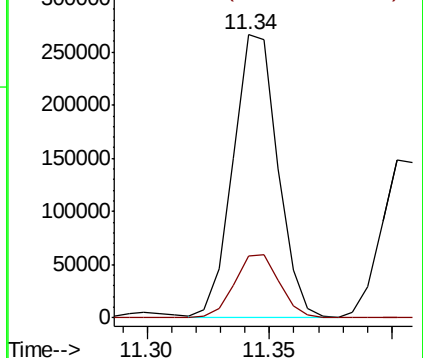
91 100

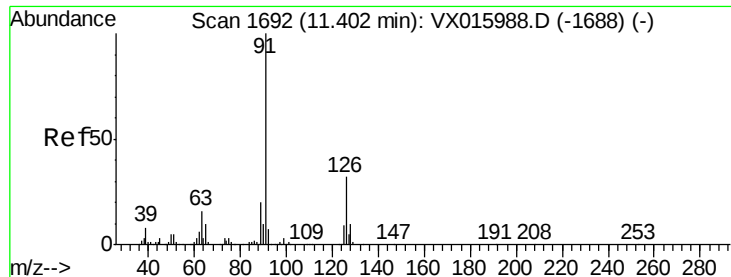
120 22.5 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.226 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

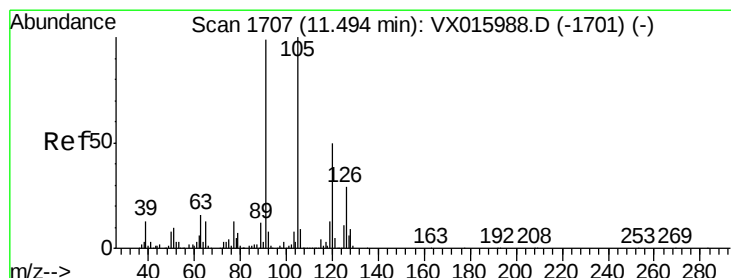
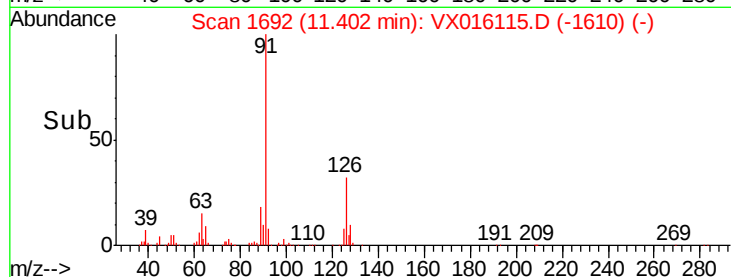
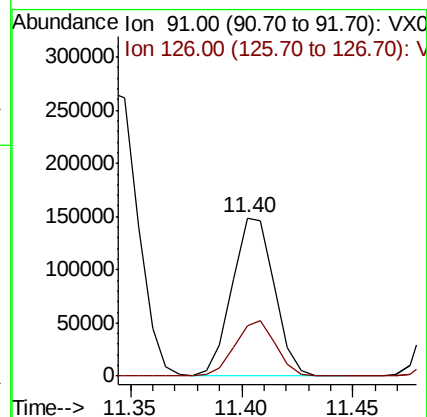
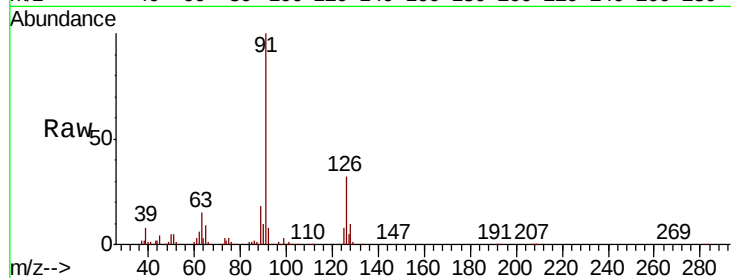
ClientSampled :

Tot Ion: 91 Resp: 196966

Ion Ratio Lower Upper

91 100

126 33.8 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 18.392 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016115.D

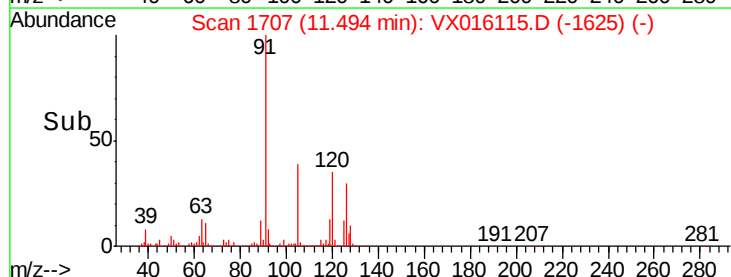
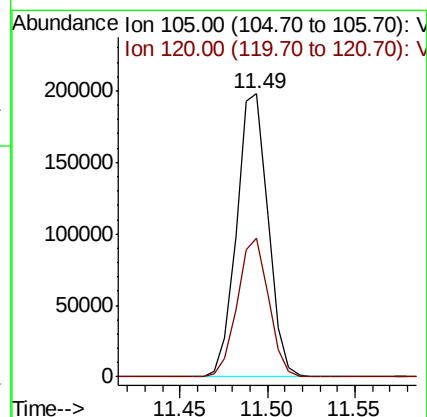
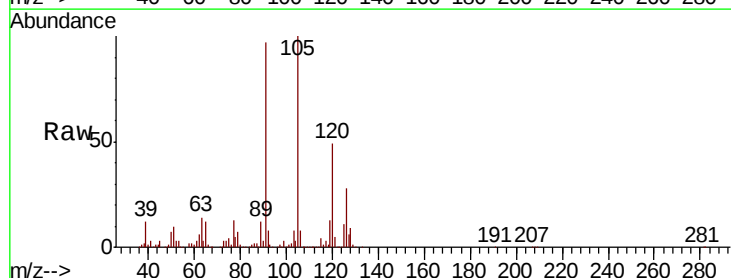
Acq: 08 May 2020 12:56

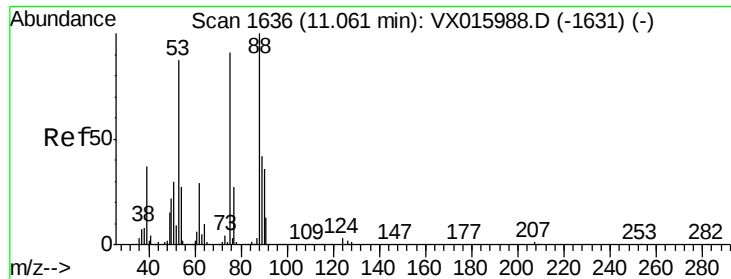
Tgt Ion: 105 Resp: 247180

Ion Ratio Lower Upper

105 100

120 48.9 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.674 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

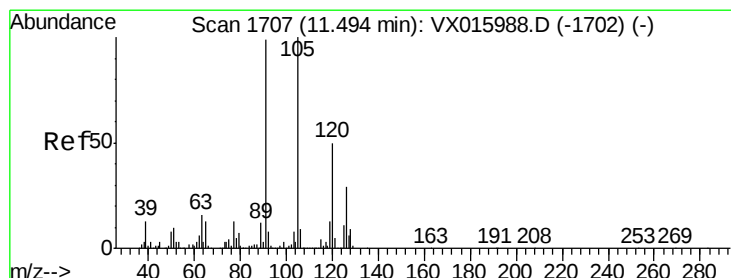
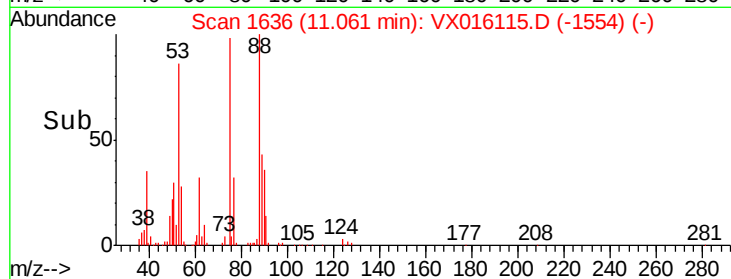
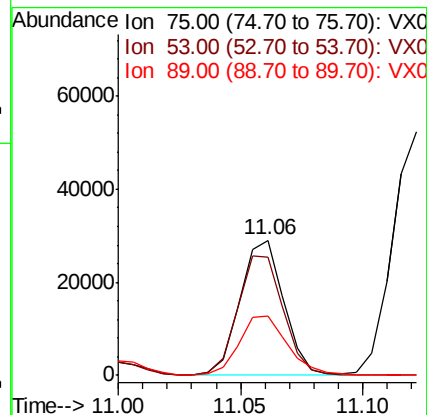
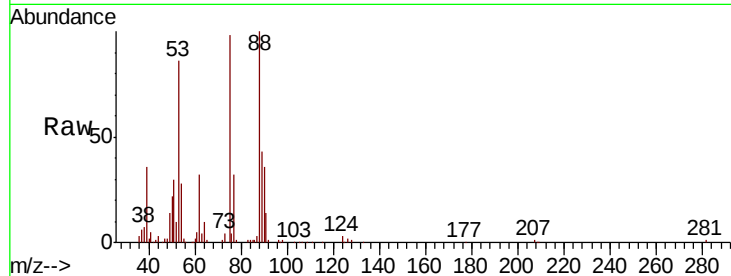
Tot Ion: 75 Resp: 36228

Ion Ratio Lower Upper

75 100

53 87.2 48.0 144.2

89 43.4 23.4 70.3



#78

4-Chlorotoluene

Concen: 18.290 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016115.D

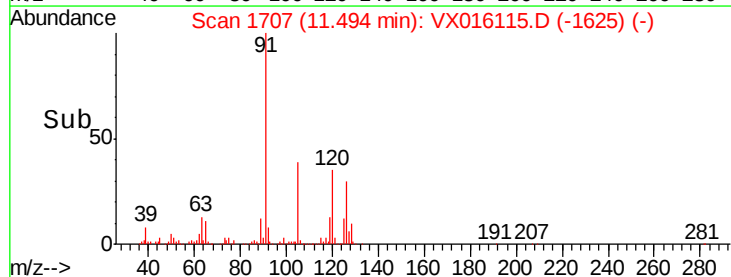
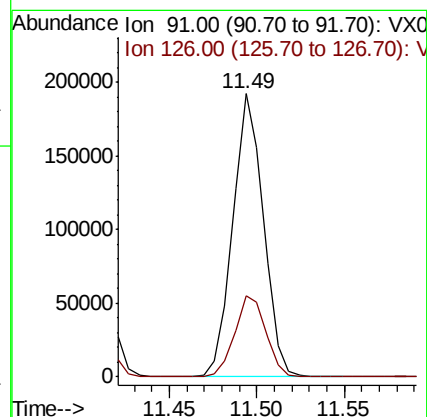
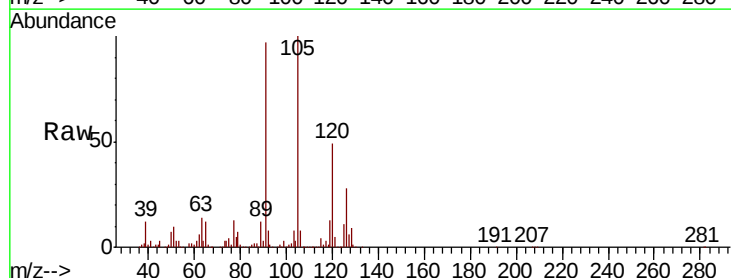
Acq: 08 May 2020 12:56

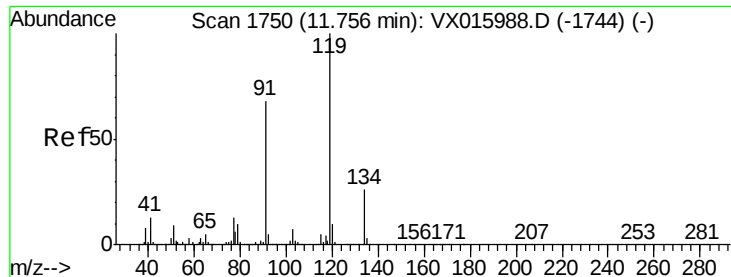
Tgt Ion: 91 Resp: 233973

Ion Ratio Lower Upper

91 100

126 29.1 0.0 58.4

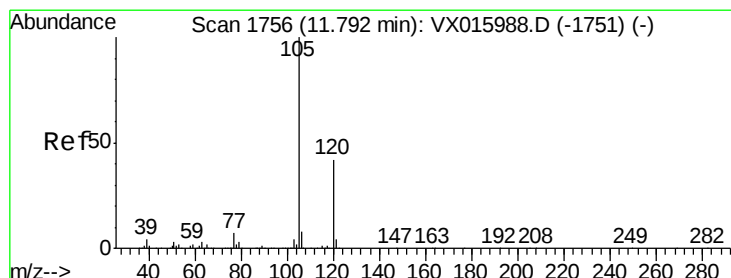
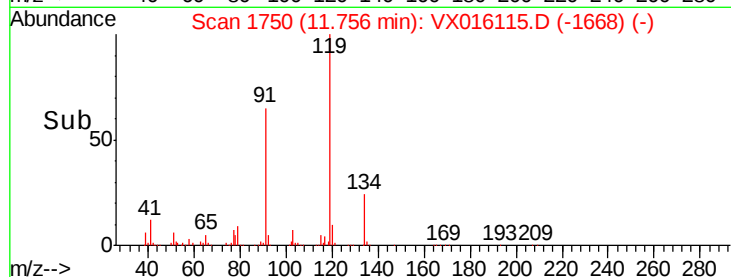
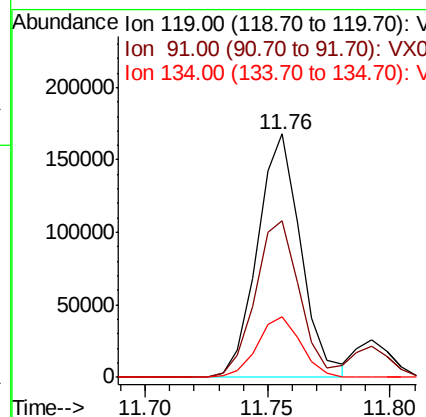
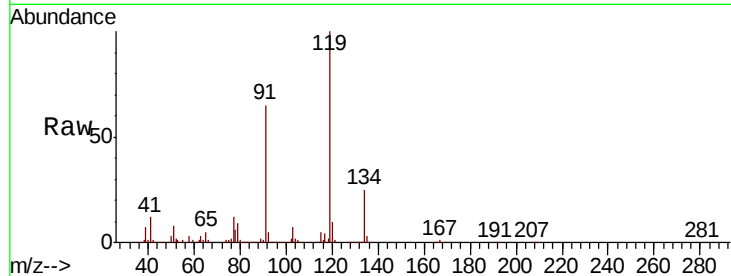




#79
tert-butylbenzene
Concen: 18.155 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

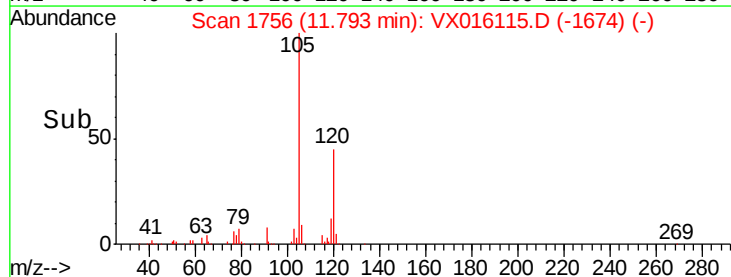
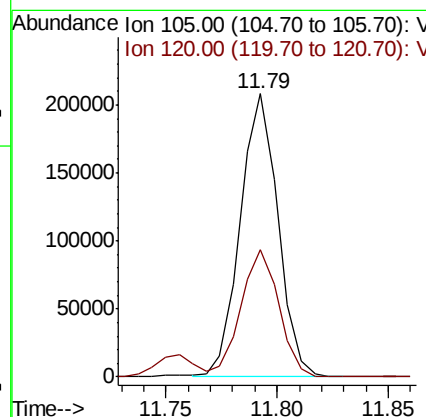
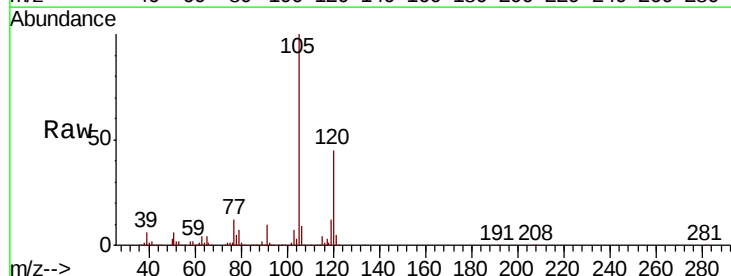
Instrument :
MSVOA_X
ClientSampled :

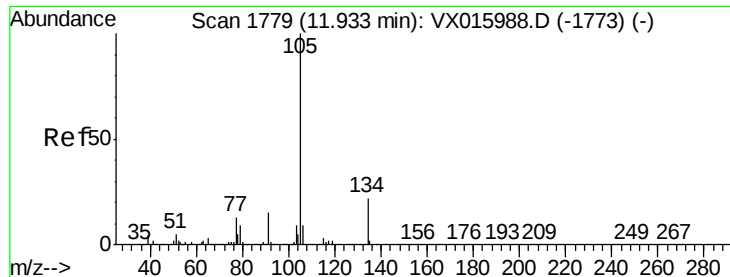
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	0.0	135.6
134	24.7	0.0	51.0



#80
1,2,4-Trimethylbenzene
Concen: 18.309 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	91.0

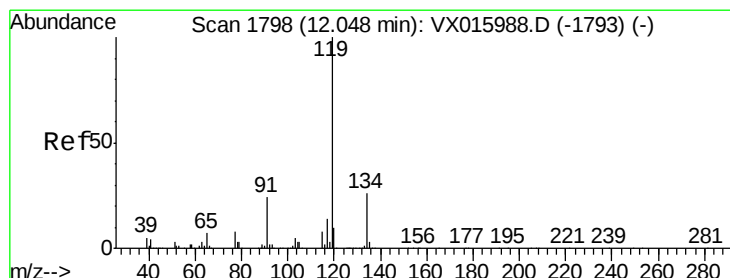
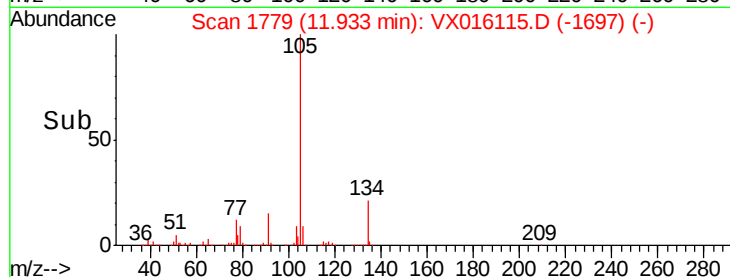
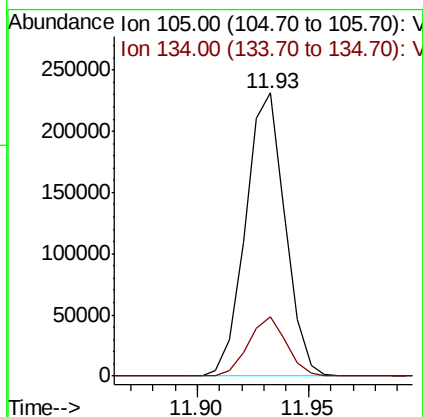
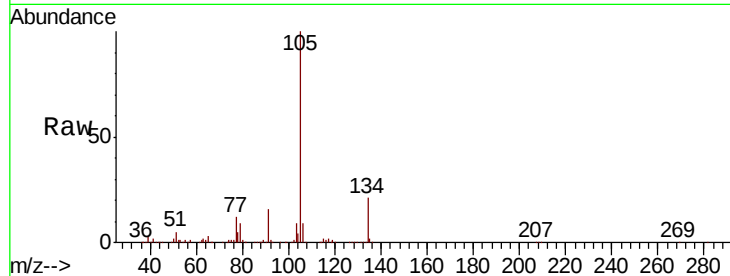




#81
 sec-Butylbenzene
 Concen: 18.453 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

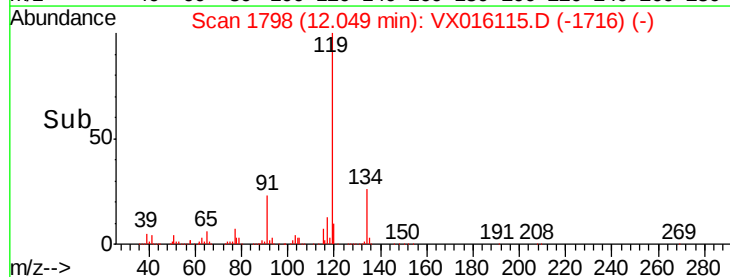
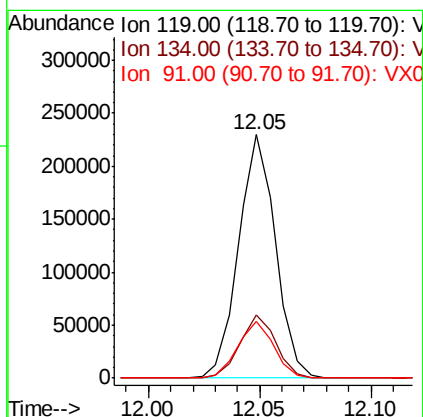
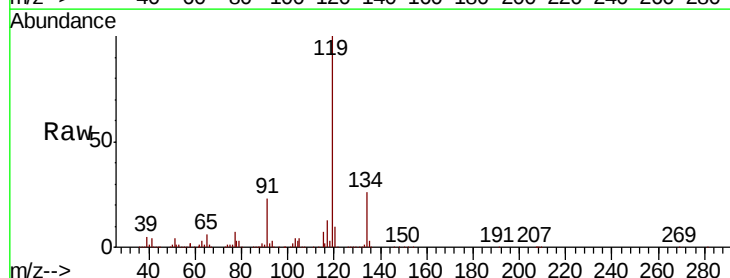
Instrument :
 MSVOA_X
 ClientSampled :

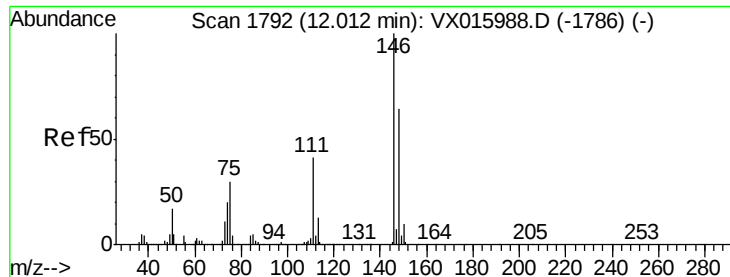
Tot Ion:105 Resp: 285683
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.401 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion:119 Resp: 263986
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.6
 91 22.9 0.0 47.6

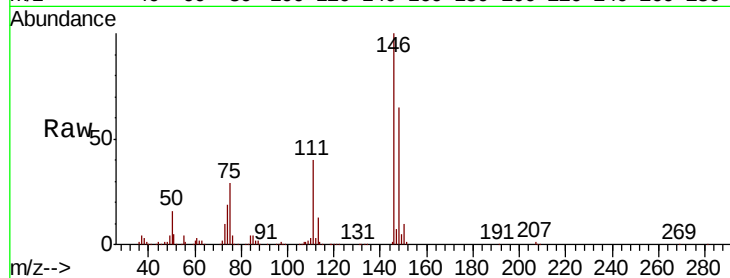




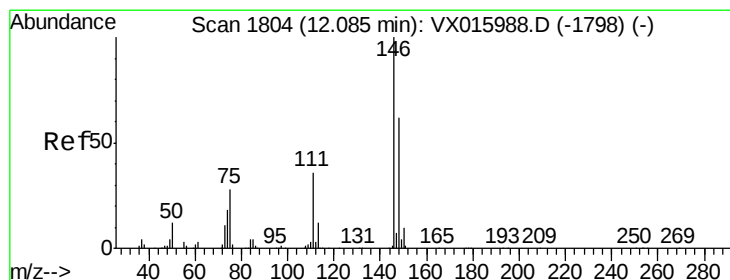
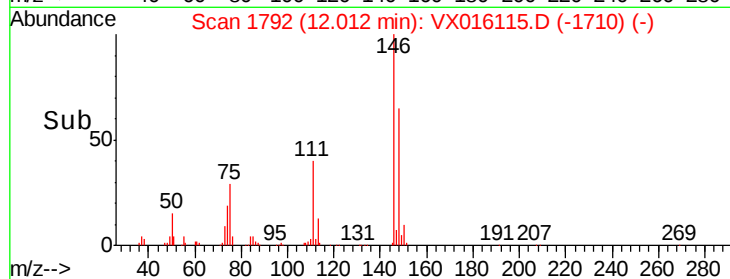
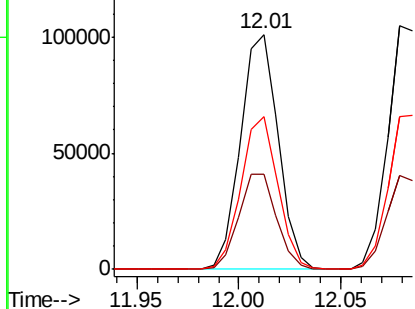
#83
 1,3-Dichlorobenzene
 Concen: 18.027 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.3
148	63.4	31.9	95.9

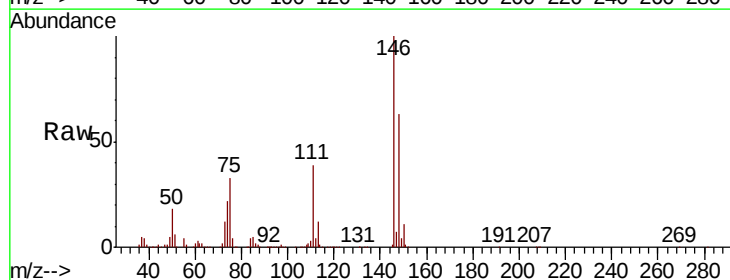


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

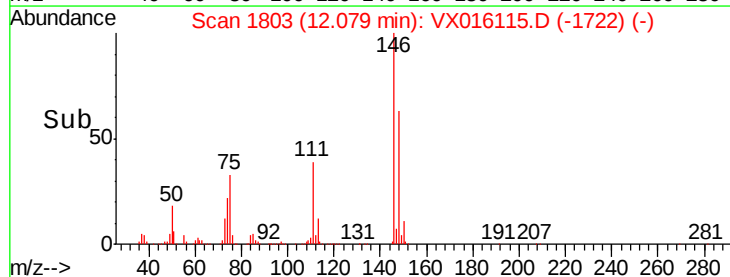
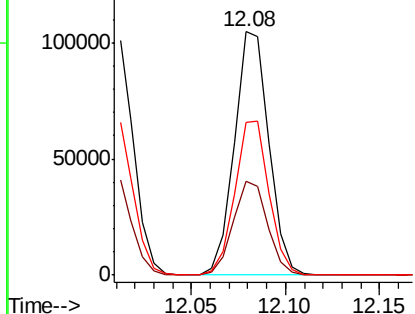


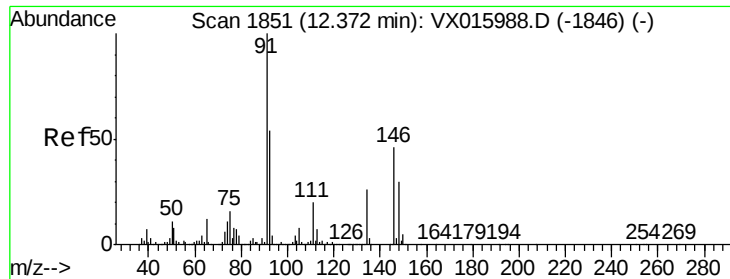
#84
 1,4-Dichlorobenzene
 Concen: 18.565 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.7	59.0
148	62.9	32.0	96.0



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

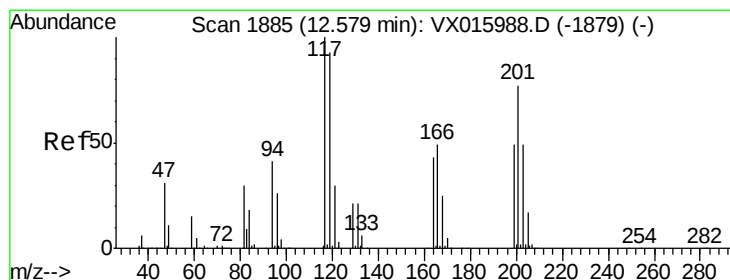
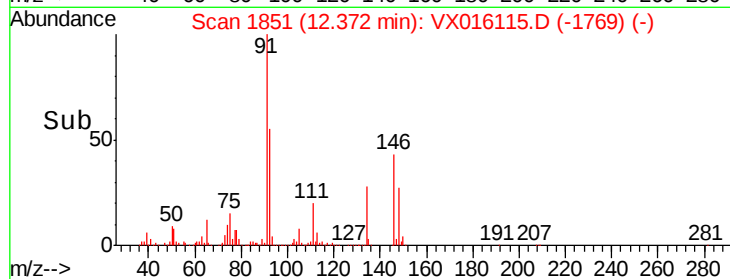
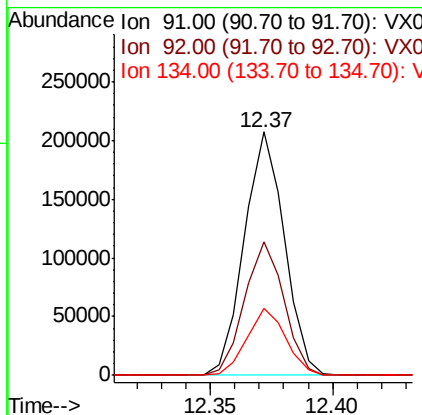
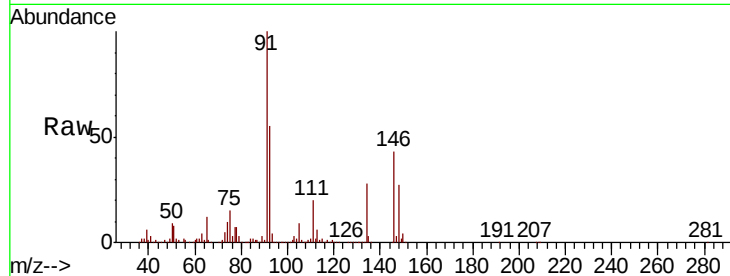




#85
n-Butylbenzene
Concen: 17.989 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

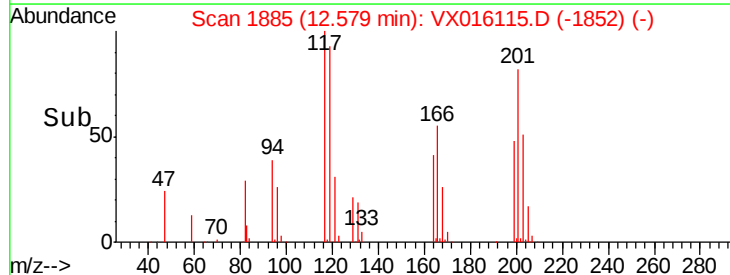
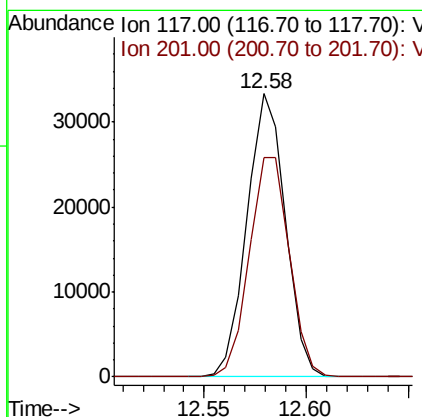
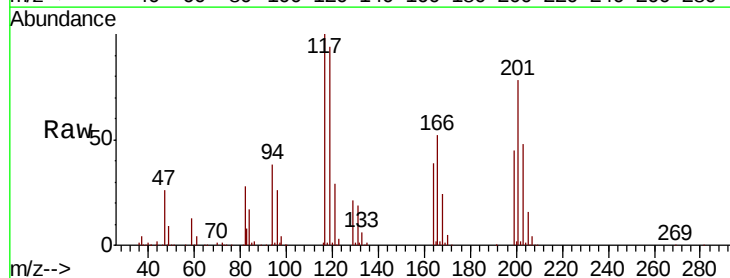
Instrument :
MSVOA_X
ClientSampled :

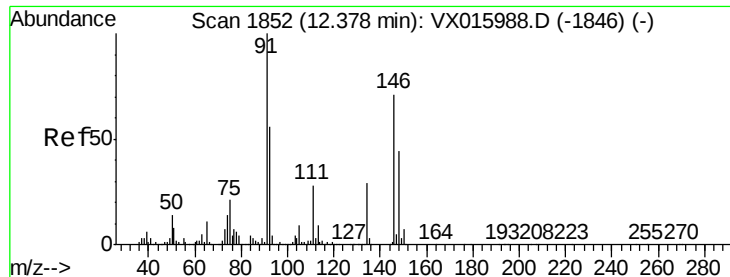
Tot Ion: 91 Resp: 235740
Ion Ratio Lower Upper
91 100
92 54.3 0.0 110.2
134 27.0 0.0 53.4



#86
Hexachloroethane
Concen: 17.278 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion: 117 Resp: 43638
Ion Ratio Lower Upper
117 100
201 81.4 40.1 120.2





#87

1,2-Dichlorobenzene

Concen: 18.270 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

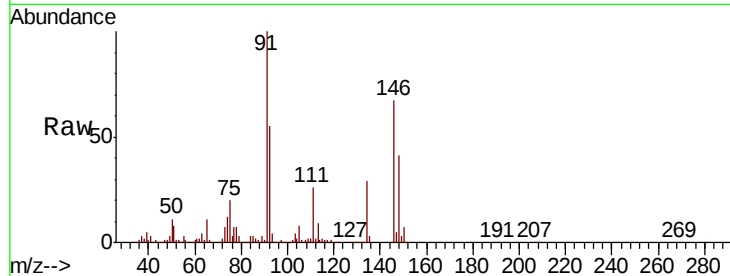
Tot Ion:146 Resp: 127108

Ion Ratio Lower Upper

146 100

111 42.0 20.7 62.1

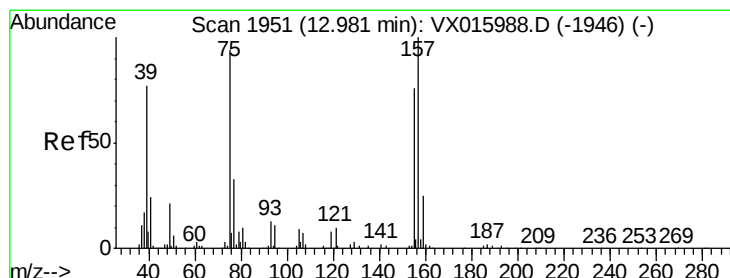
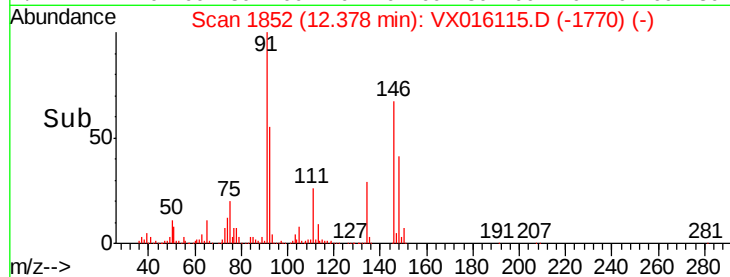
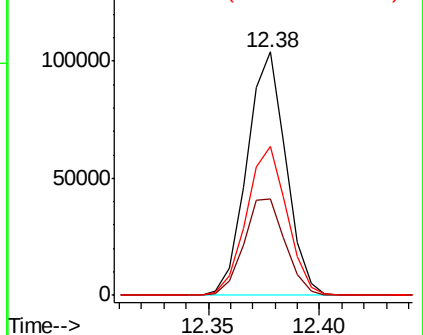
148 63.2 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.968 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016115.D

Acq: 08 May 2020 12:56

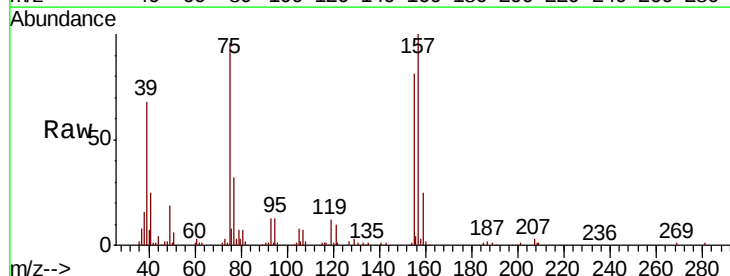
Tgt Ion: 75 Resp: 20898

Ion Ratio Lower Upper

75 100

155 87.5 66.9 100.3

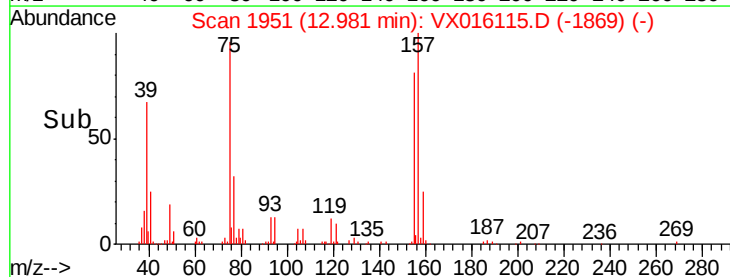
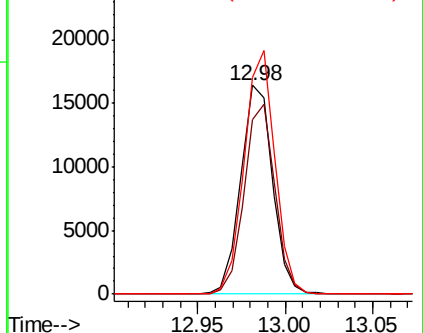
157 112.0 88.2 132.2

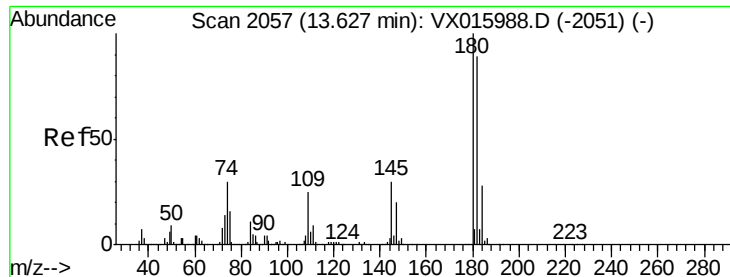


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

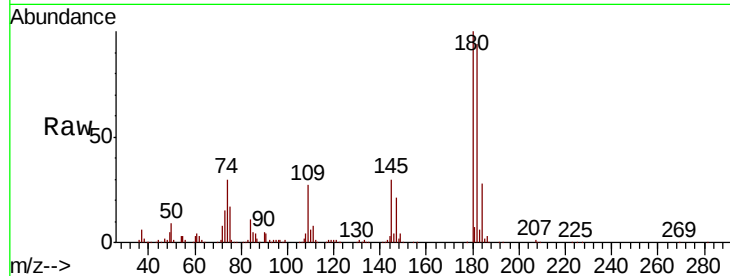




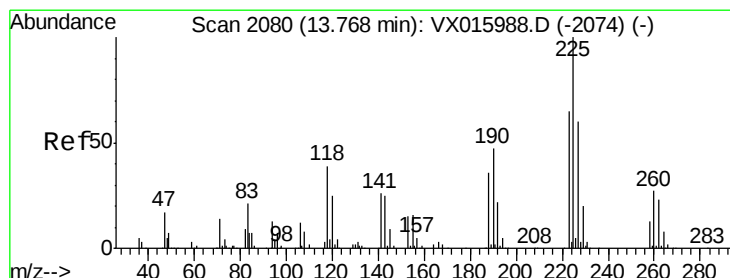
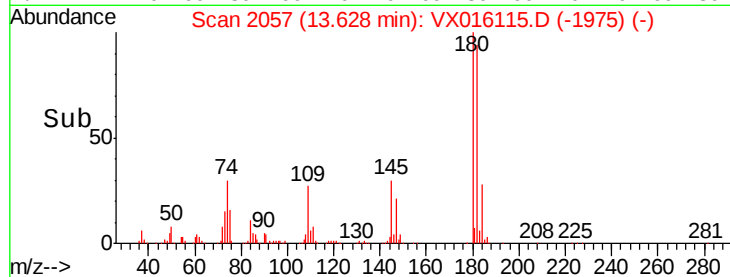
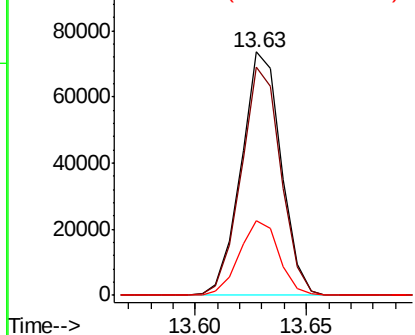
#89
 1,2,4-Trichlorobenzene
 Concen: 18.026 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 92369
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.0 112.6
 145 30.3 23.9 35.9

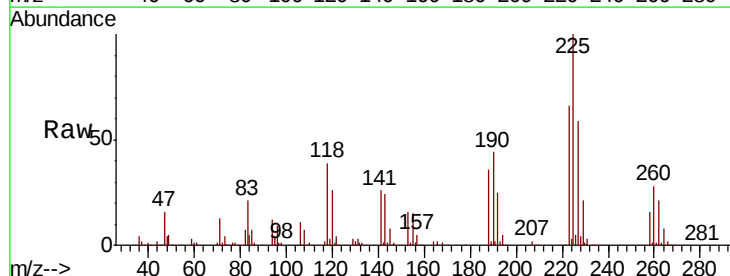


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

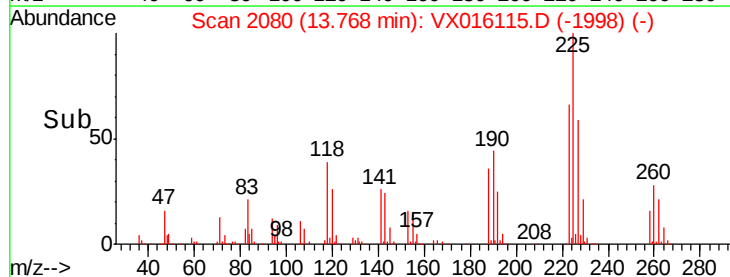
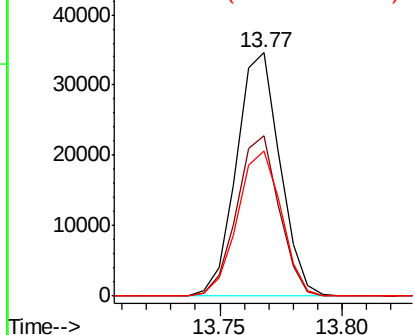


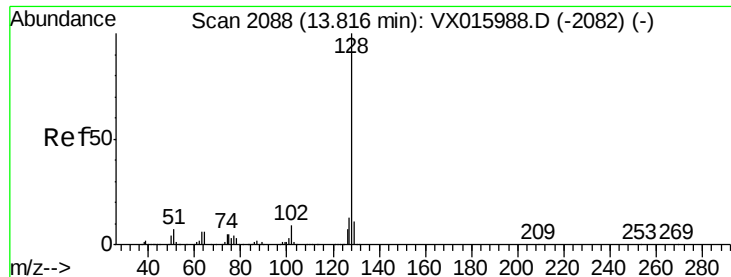
#90
 Hexachlorobutadiene
 Concen: 19.456 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016115.D
 Acq: 08 May 2020 12:56

Tgt Ion:225 Resp: 42849
 Ion Ratio Lower Upper
 225 100
 223 64.3 0.0 123.6
 227 60.1 0.0 123.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

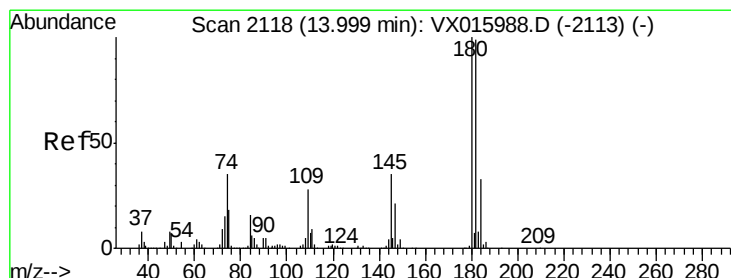
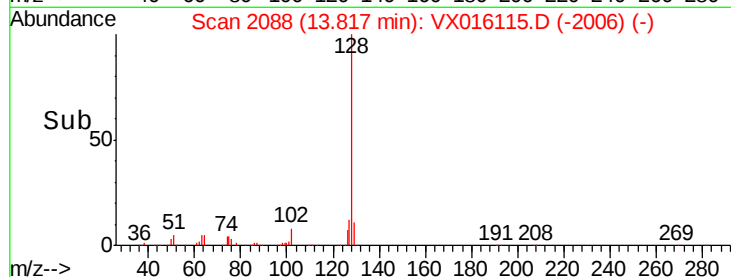
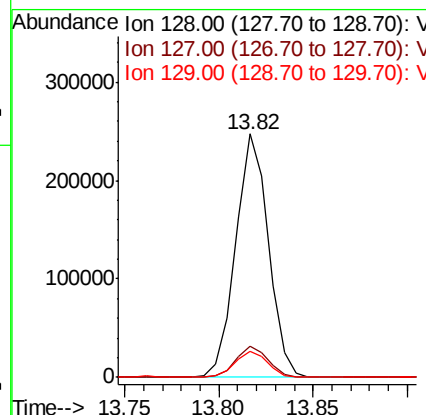
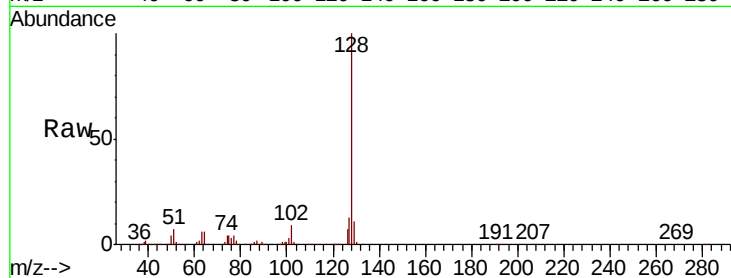




#91
Naphthalene
Concen: 18.221 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 297266
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.742 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016115.D
Acq: 08 May 2020 12:56

Tgt Ion:180 Resp: 92263
Ion Ratio Lower Upper
180 100
182 95.2 0.0 197.2
145 31.3 0.0 66.0

