

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015995.D
 Acq On : 30 Apr 2020 15:15
 Operator : JC/SP
 Sample : VX0430WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 07:55:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49352	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	273949	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	249946	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	115226	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.12	95	121711	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.70	98	325310	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	68403	20.123	ug/l 100
3) Chloromethane	1.31	50	63649	19.110	ug/l 99
4) Vinyl Chloride	1.39	62	70816	18.714	ug/l 100
5) Bromomethane	1.63	94	51942	22.394	ug/l 100
6) Chloroethane	1.72	64	46736	18.840	ug/l 100
7) Trichlorofluoromethane	1.92	101	105236	19.416	ug/l 100
8) Diethyl Ether	2.17	74	42714	19.744	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54181	19.357	ug/l 98
10) 1,1-Dichloroethene	2.36	96	52626	18.635	ug/l 97
11) Methyl Iodide	2.49	142	68988	17.894	ug/l 99
12) Methyl Acetate	2.75	43	98342	19.945	ug/l 99
13) Acrolein	2.27	56	31519	79.741	ug/l 99
14) Acrylonitrile	3.11	53	175431	96.325	ug/l 99
15) Acetone	2.42	58	47536	98.625	ug/l 99
16) Carbon Disulfide	2.55	76	159391	18.553	ug/l 99
17) Allyl chloride	2.70	41	97686	18.647	ug/l 97
18) Methylene Chloride	2.83	84	60293	19.058	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	57677	18.673	ug/l 95
20) Diisopropyl ether	3.82	45	191200	18.929	ug/l 99
21) 1,1-Dichloroethane	3.67	63	106014	18.823	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	66116	18.862	ug/l 98
23) tert-Butyl Alcohol	3.00	59	87128	97.730	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	196208	19.347	ug/l 99
25) Chloroform	5.18	83	107122	18.727	ug/l 95
26) Cyclohexane	5.55	56	96516	18.740	ug/l # 97
29) 1,1-Dichloropropene	5.77	75	81436	18.901	ug/l 99
30) 2-Butanone	4.63	43	250697	97.649	ug/l 99
31) 2,2-Dichloropropane	4.55	77	96002	18.514	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	98961	18.934	ug/l 99
33) Carbon Tetrachloride	5.75	117	87160	18.729	ug/l 98
34) Benzene	6.11	78	235897	18.745	ug/l 99
35) Methacrylonitrile	5.00	41	52212	19.150	ug/l 96
36) 1,2-Dichloroethane	6.16	62	92498	19.246	ug/l 100
37) Trichloroethene	7.19	130	86714	19.369	ug/l 98
38) Methylcyclohexane	7.44	83	100666	19.118	ug/l 100
39) 1,2-Dichloropropane	7.49	63	61113	18.918	ug/l 96
40) Dibromomethane	7.64	93	43351	19.326	ug/l 99

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 MSVOA_X
 ClientSampleId :

Quant Time: May 01 07:55:40 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	85485	18.486	ug/l	100
42) Vinyl Acetate	3.78	43	814571	95.904	ug/l	100
43) Ethyl Acetate	4.79	43	96650	19.085	ug/l	100
44) Isopropyl Acetate	6.41	43	159813	19.446	ug/l	99
45) 1,4-Dioxane	7.71	88	34147	393.364	ug/l	97
46) Methyl methacrylate	7.74	41	74695	19.172	ug/l	97
47) n-amyl Acetate	10.88	43	133505	18.579	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	100930	18.795	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	106016	19.108	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	59243	18.741	ug/l	96
51) Ethyl methacrylate	9.16	69	97087	18.600	ug/l	98
52) 1,3-Dichloropropane	9.35	76	104698	19.160	ug/l	100
53) Dibromochloromethane	9.57	129	66778	18.568	ug/l	99
54) 1,2-Dibromoethane	9.65	107	64402	18.537	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	245190	86.341	ug/l	99
56) Bromoform	10.84	173	47494	17.527	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	484215	98.238	ug/l	100
59) 2-Hexanone	9.47	43	372374	97.806	ug/l	100
61) Tetrachloroethene	9.32	164	97969	19.815	ug/l	98
62) Toluene	8.76	91	255028	19.099	ug/l	100
64) Chlorobenzene	10.12	112	161094	18.947	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	60712	18.809	ug/l	98
66) Ethyl Benzene	10.23	91	288002	18.941	ug/l	99
67) m/p-Xylenes	10.34	106	217890	37.616	ug/l	99
68) o-Xylene	10.68	106	103871	18.596	ug/l	100
69) Styrene	10.70	104	176505	18.463	ug/l	99
70) Isopropylbenzene	11.00	105	281771	18.684	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	47254	16.855	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	117913	25.968	ug/l	82
73) Bromobenzene	11.24	156	71111	18.712	ug/l	100
74) n-propylbenzene	11.34	91	327767	18.711	ug/l	99
75) 2-Chlorotoluene	11.40	91	192787	18.729	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	238206	18.608	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	35300	18.080	ug/l	98
78) 4-Chlorotoluene	11.49	91	225388	18.498	ug/l	99
79) tert-butylbenzene	11.76	119	201641	18.443	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	237799	18.594	ug/l	100
81) sec-Butylbenzene	11.93	105	275102	18.656	ug/l	99
82) p-Isopropyltoluene	12.05	119	254574	18.630	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	127370	18.590	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	128865	18.928	ug/l	99
85) n-Butylbenzene	12.37	91	226459	18.142	ug/l	100
86) Hexachloroethane	12.58	117	43558	18.107	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	123480	18.634	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21766	18.554	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	90266	18.494	ug/l	100
90) Hexachlorobutadiene	13.77	225	41540	19.803	ug/l	99
91) Naphthalene	13.82	128	298380	19.202	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	88354	18.842	ug/l	98

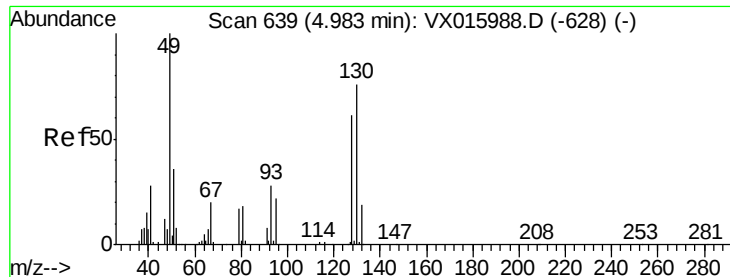
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QLast Update : Thu Apr 30 12:42:44 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :

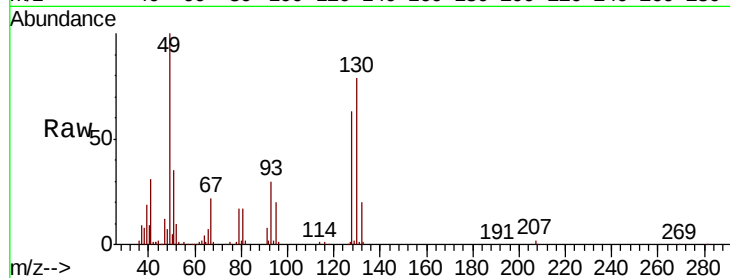
Tot Ion:128 Resp: 49352

Ion Ratio Lower Upper

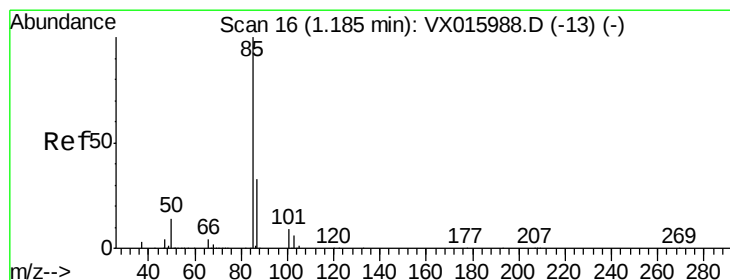
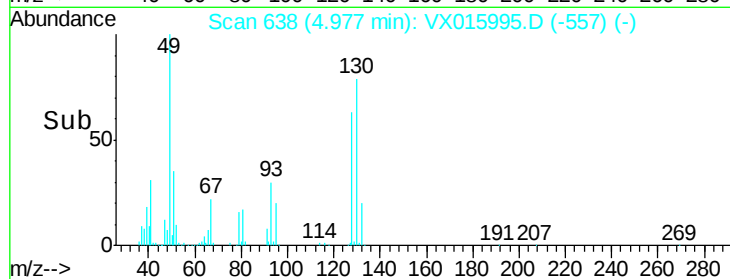
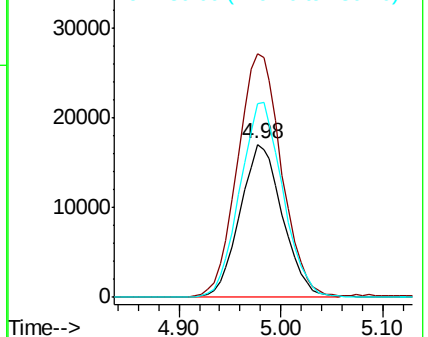
128 100

49 165.2 0.0 418.5

130 129.3 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: 20.123 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015995.D

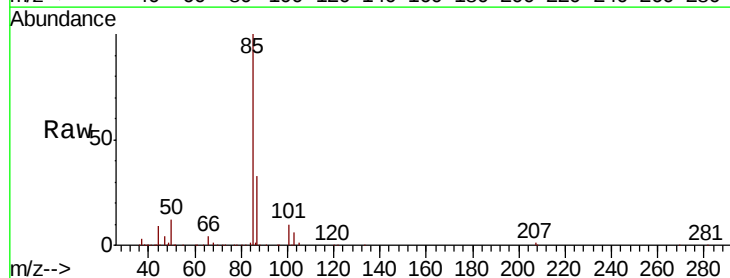
Acq: 30 Apr 2020 15:15

Tgt Ion: 85 Resp: 68403

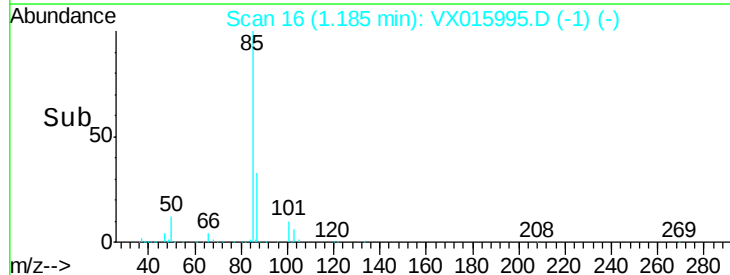
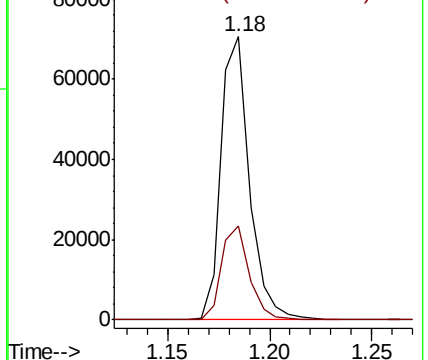
Ion Ratio Lower Upper

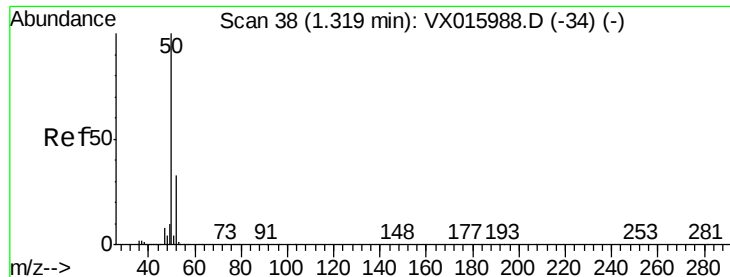
85 100

87 33.3 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: 19.110 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

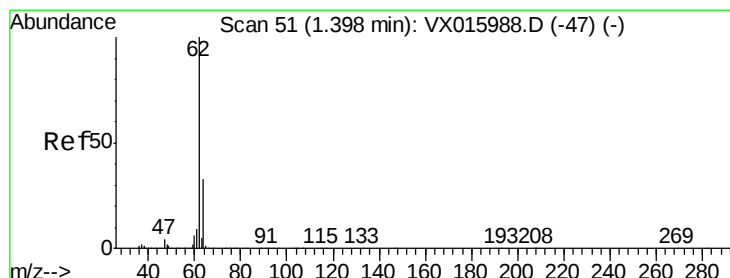
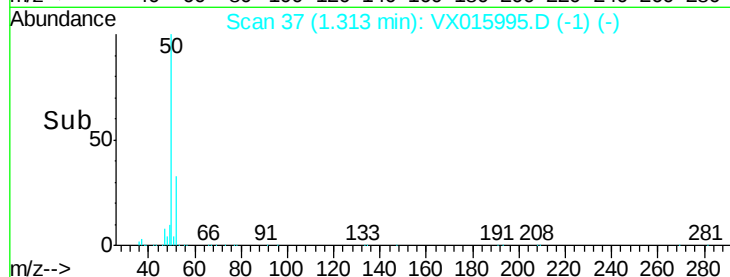
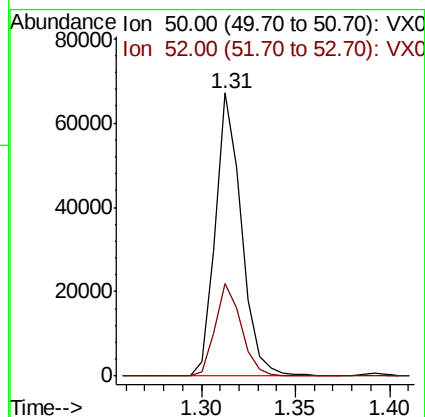
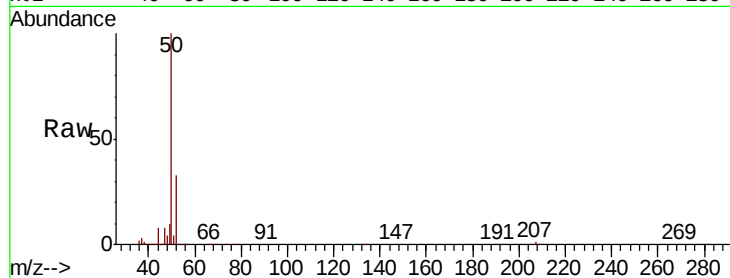
ClientSampleId :

Tot Ion: 50 Resp: 63649

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 18.714 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015995.D

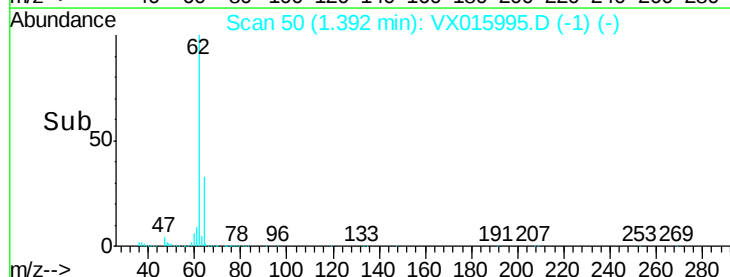
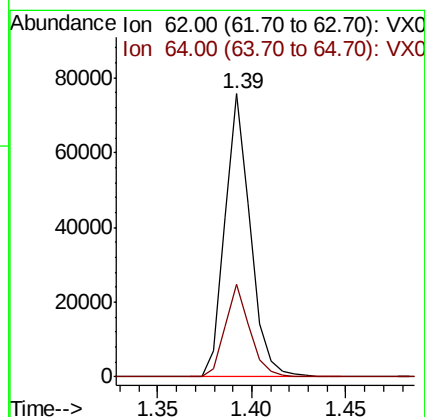
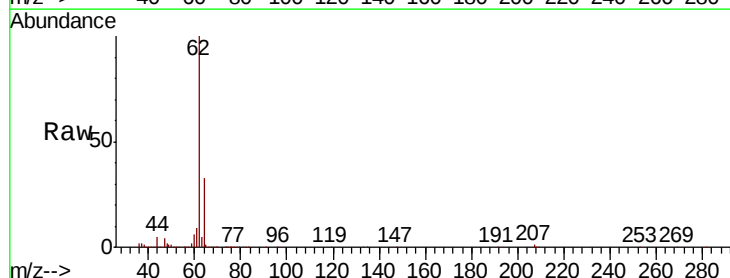
Acq: 30 Apr 2020 15:15

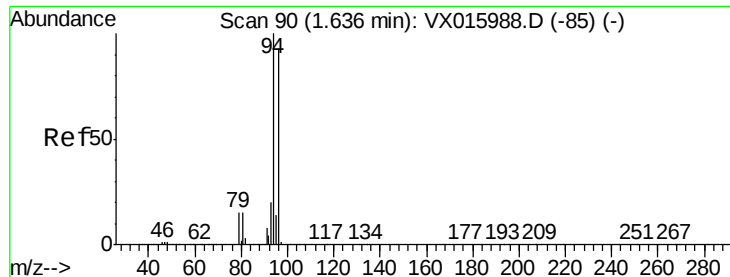
Tgt Ion: 62 Resp: 70816

Ion Ratio Lower Upper

62 100

64 32.7 26.3 39.5





#5

Bromomethane

Concen: 22.394 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

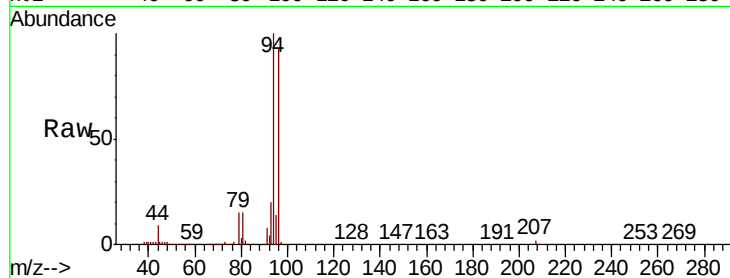
ClientSampleId :

Tot Ion: 94 Resp: 51942

Ion Ratio Lower Upper

94 100

96 93.1 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

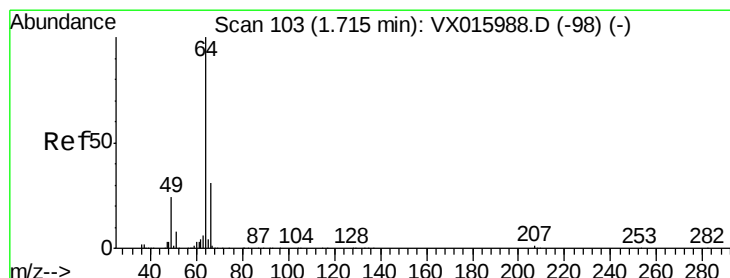
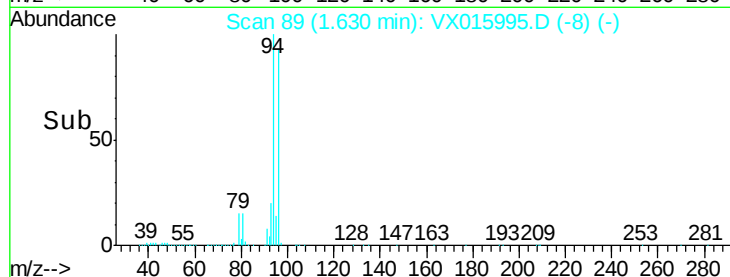
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.840 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX015995.D

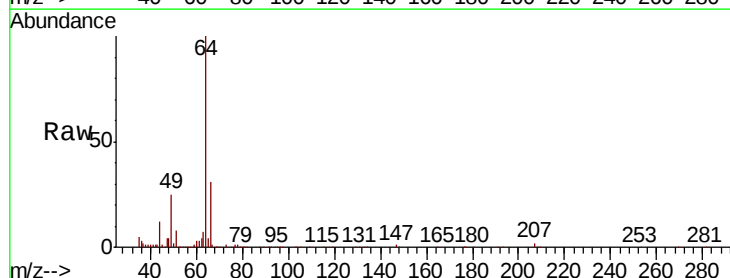
Acq: 30 Apr 2020 15:15

Tgt Ion: 64 Resp: 46736

Ion Ratio Lower Upper

64 100

66 30.9 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

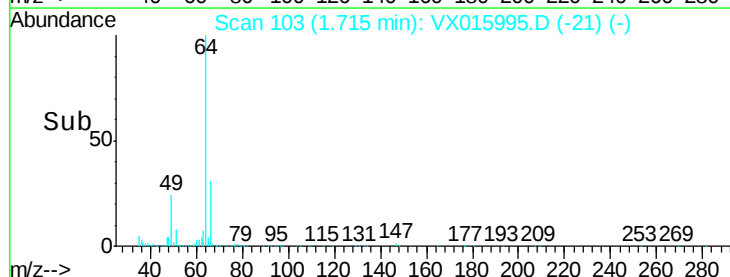
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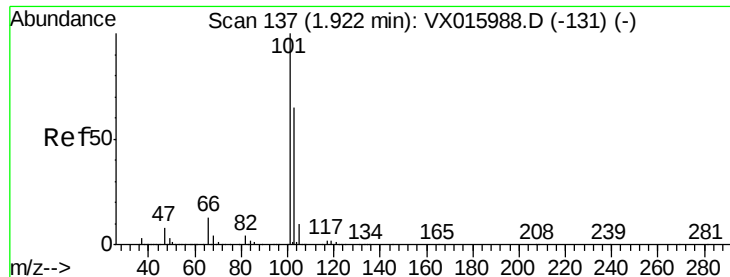
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0

1.65 1.70 1.75 1.80

Time-->



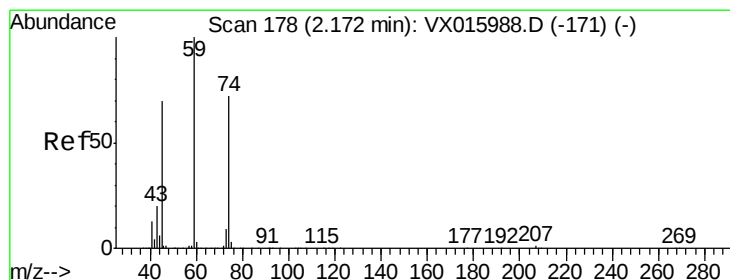
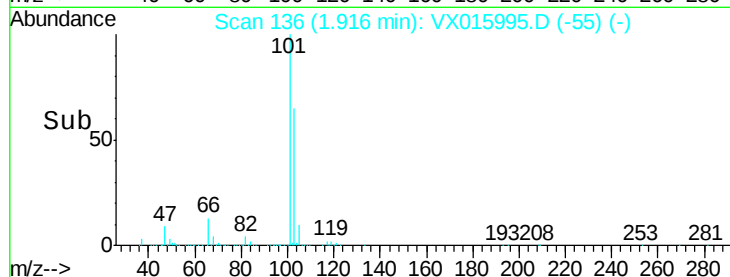
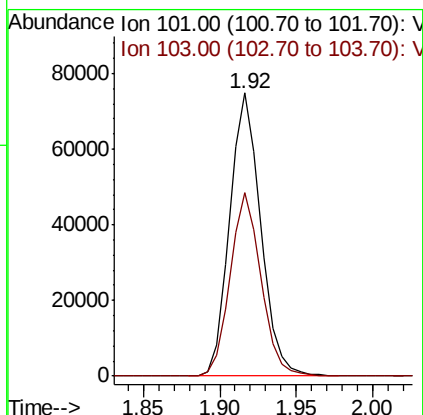
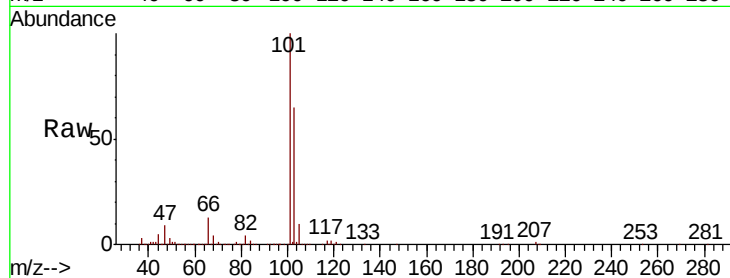


#7

Trichlorofluoromethane
Concen: 19.416 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015995.D
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Instrument :
MSVOA_X
ClientSampleId :

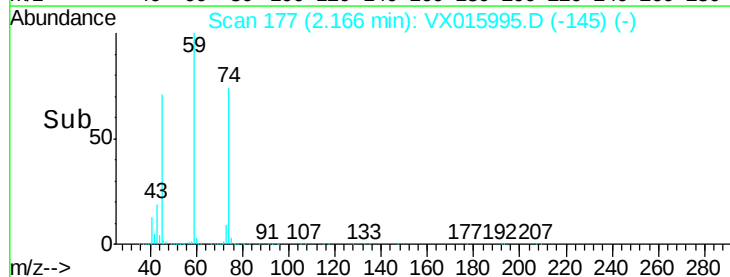
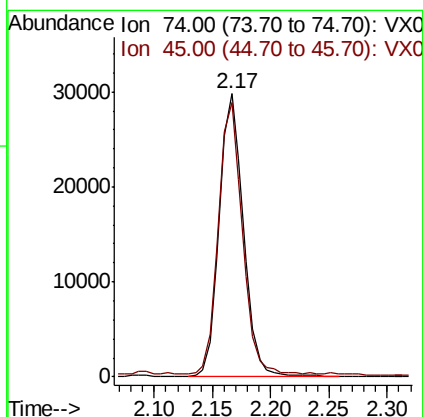
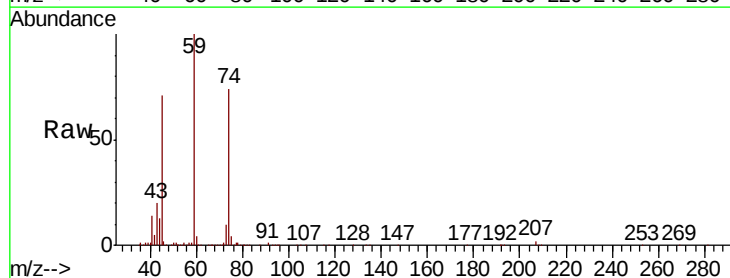
Tot Ion:101 Resp: 105236
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

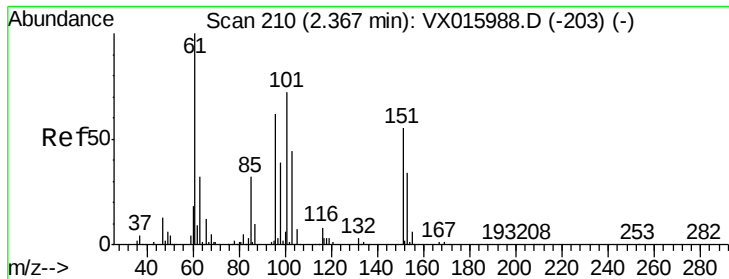


#8

Diethyl Ether
Concen: 19.744 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 74 Resp: 42714
Ion Ratio Lower Upper
74 100
45 94.5 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.357 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015995.D

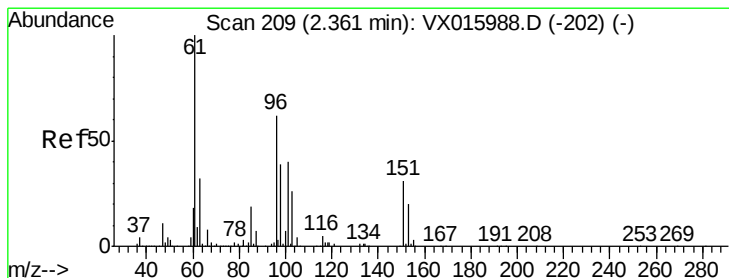
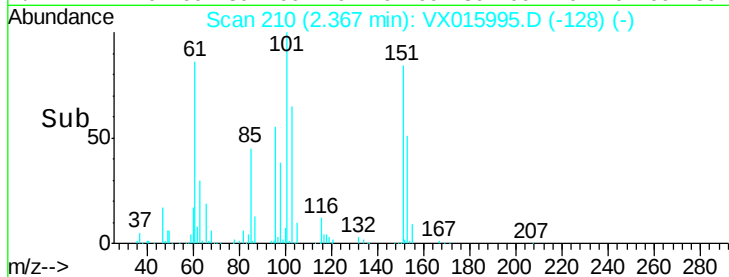
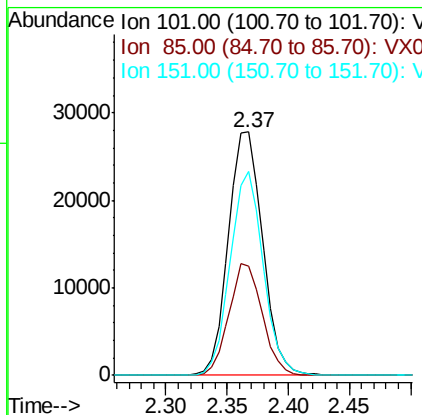
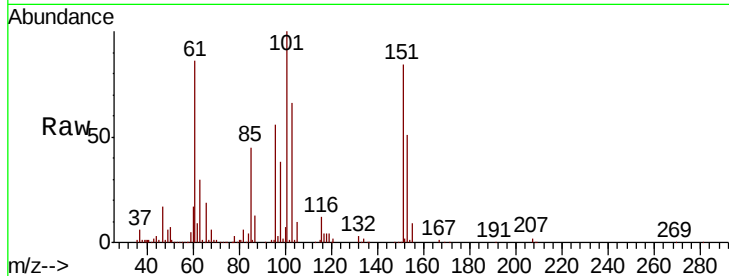
Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	54181
Ion	Ratio	Lower	Upper
101	100		
85	44.6	0.0	90.6
151	80.4	0.0	157.0



#10

1,1-Dichloroethene

Concen: 18.635 ug/l

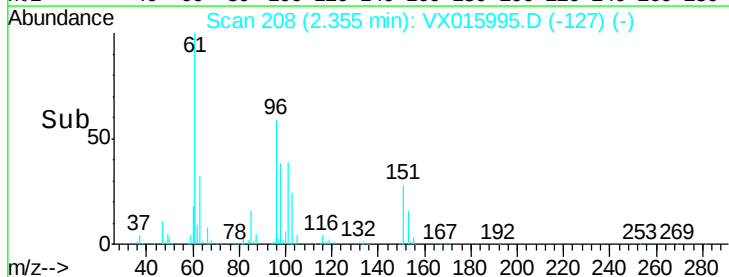
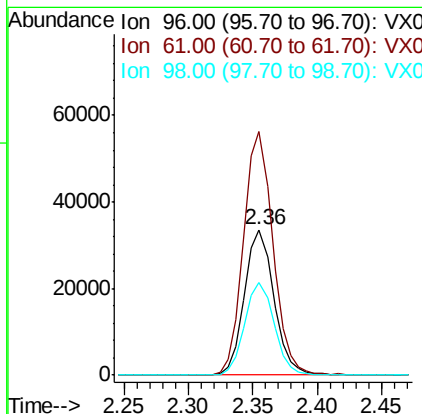
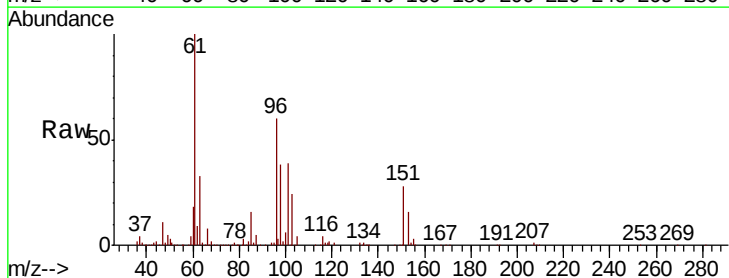
RT: 2.36 min Scan# 208

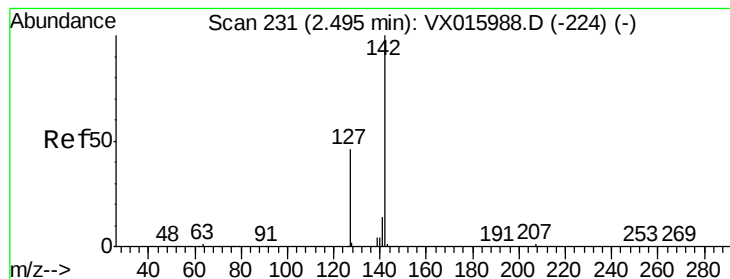
Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	96	Resp:	52626
Ion	Ratio	Lower	Upper
96	100		
61	168.0	129.8	194.8
98	63.5	51.1	76.7





#11

Methvl Iodide

Concen: 17.894 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

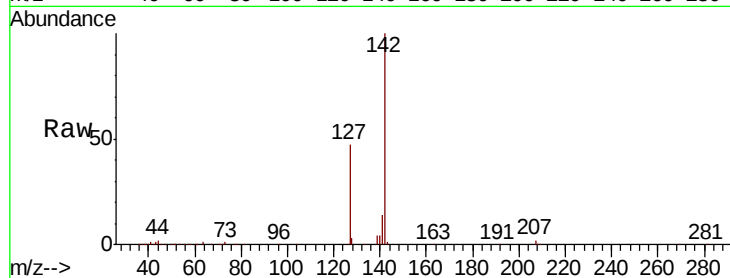
Tot Ion:142 Resp: 68988

Ion Ratio Lower Upper

142 100

127 46.8 22.8 68.4

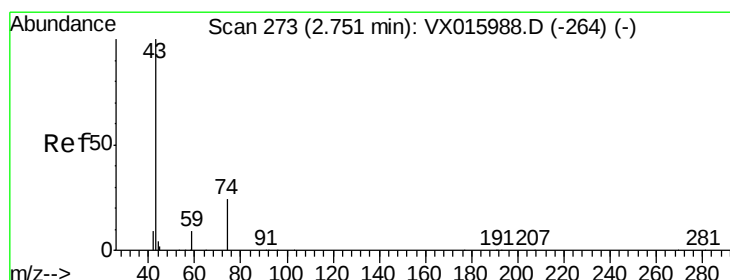
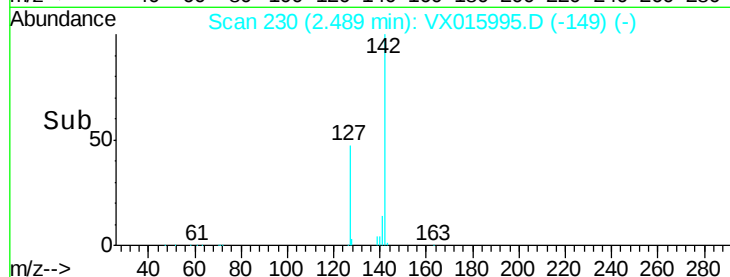
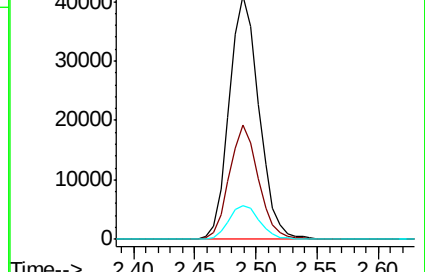
141 14.1 7.0 21.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.945 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX015995.D

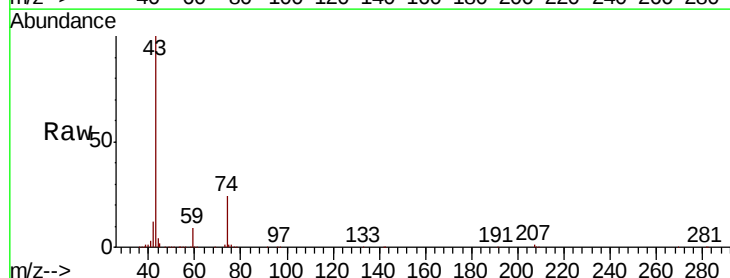
Acq: 30 Apr 2020 15:15

Tgt Ion: 43 Resp: 98342

Ion Ratio Lower Upper

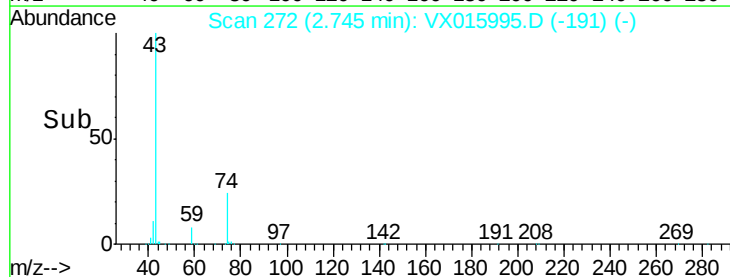
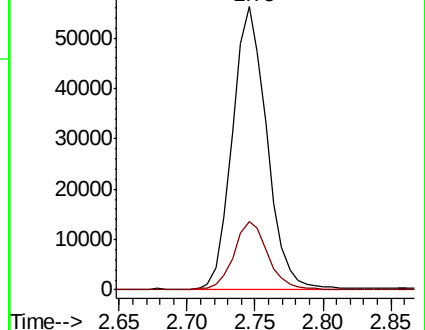
43 100

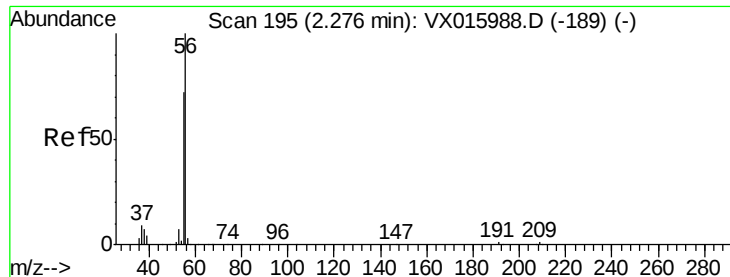
74 24.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

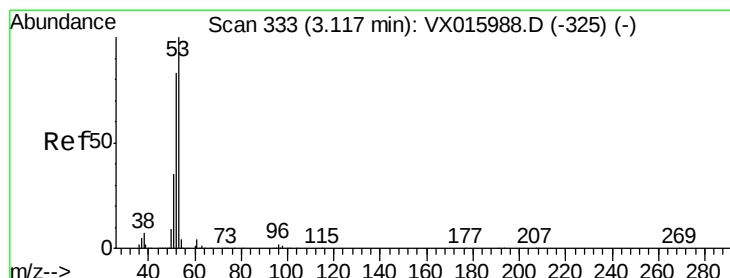
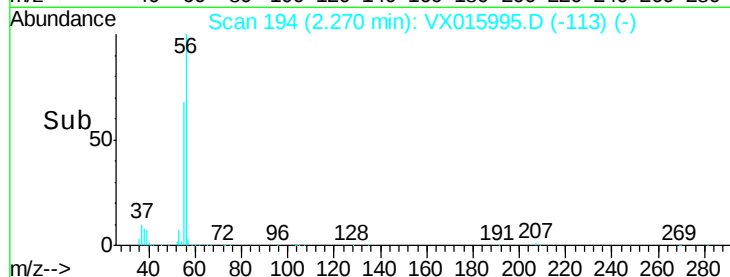
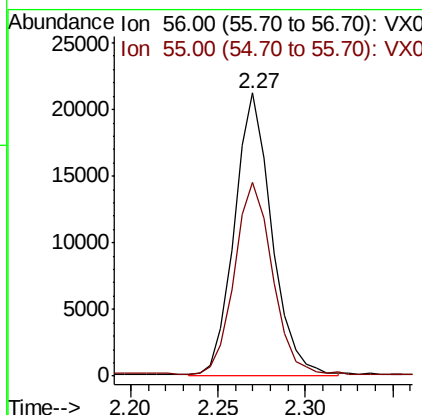
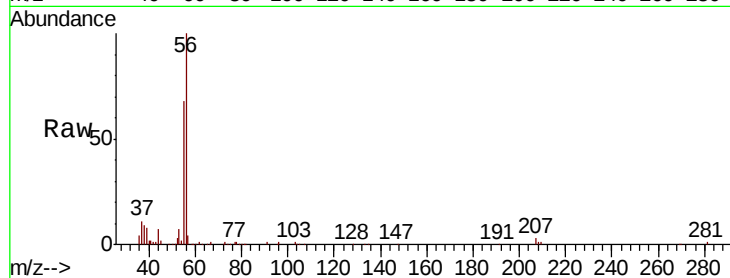




#13
Acrolein
Concen: 79.741 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

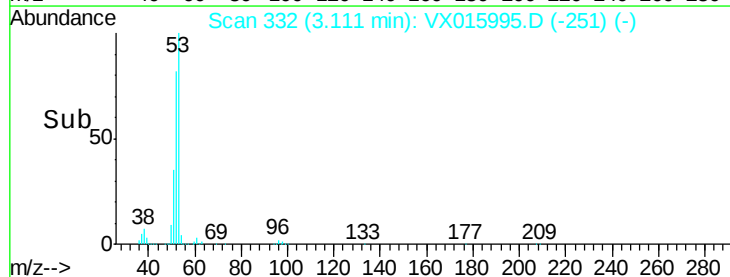
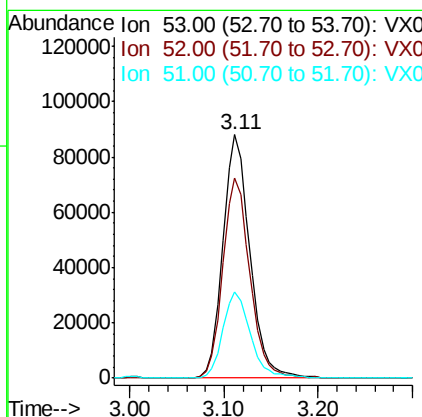
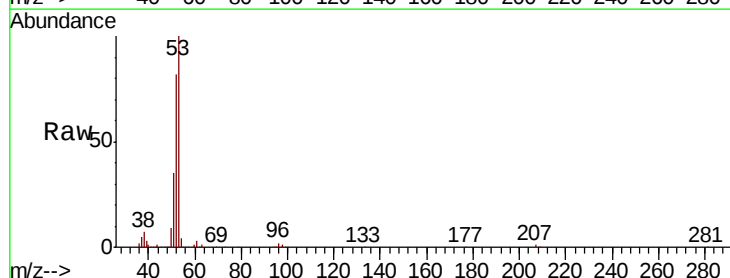
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 31519
Ion Ratio Lower Upper
56 100
55 69.1 56.2 84.4



#14
Acrylonitrile
Concen: 96.325 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 53 Resp: 175431
Ion Ratio Lower Upper
53 100
52 81.8 41.2 123.6
51 36.3 17.8 53.5





#15

Acetone

Concen: 98.625 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

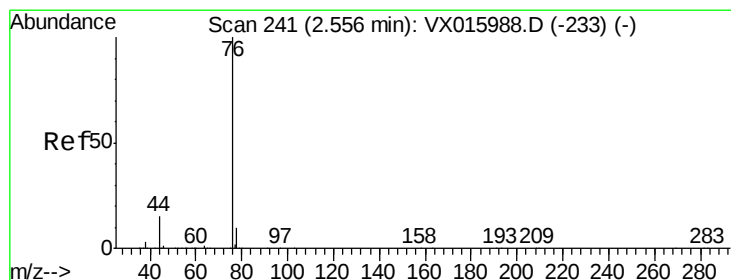
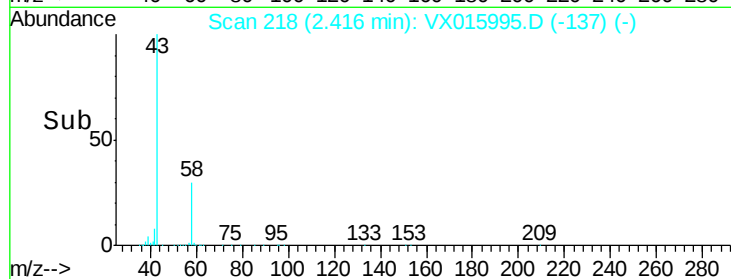
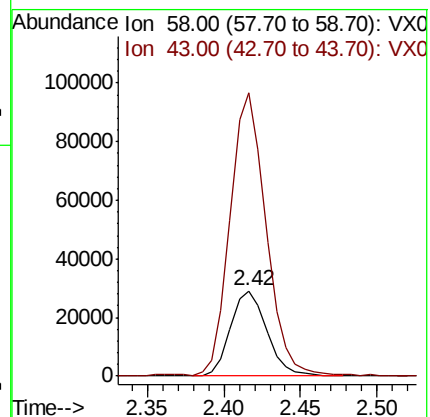
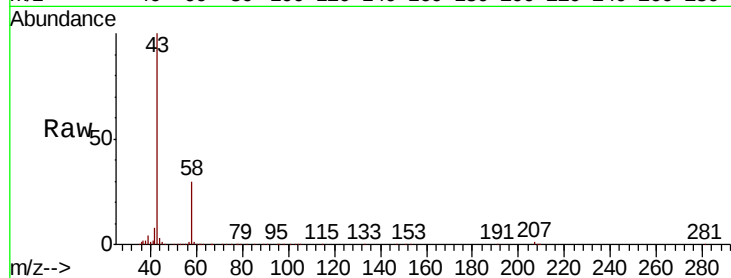
ClientSampleId :

Tot Ion: 58 Resp: 47536

Ion Ratio Lower Upper

58 100

43 332.8 264.2 396.2



#16

Carbon Disulfide

Concen: 18.553 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX015995.D

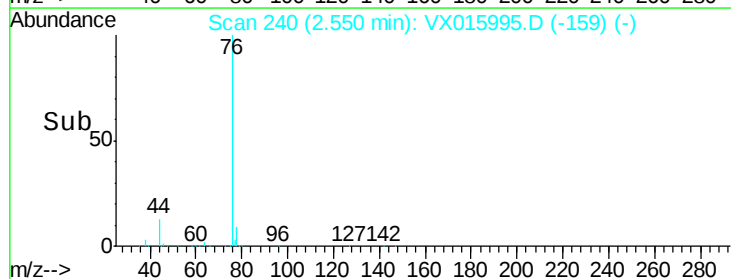
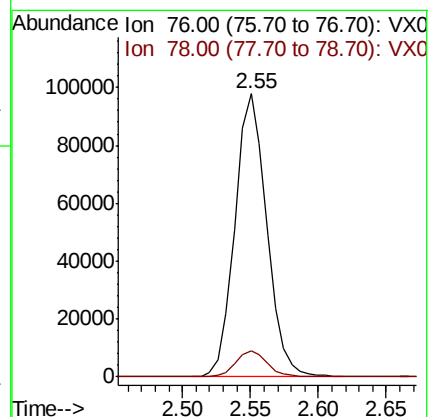
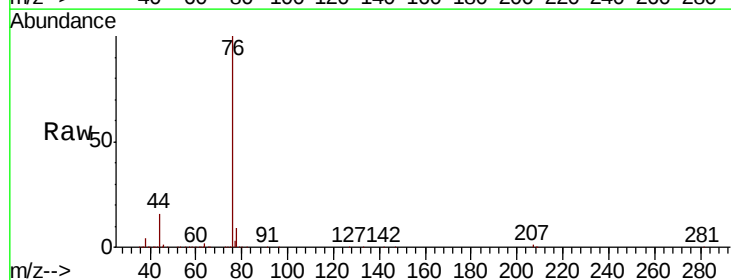
Acq: 30 Apr 2020 15:15

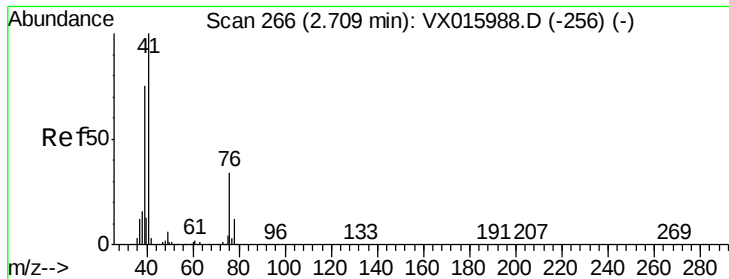
Tgt Ion: 76 Resp: 159391

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

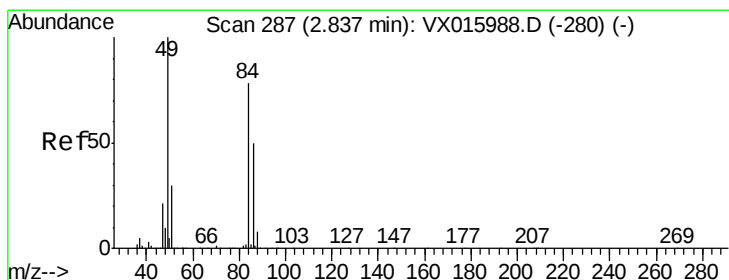
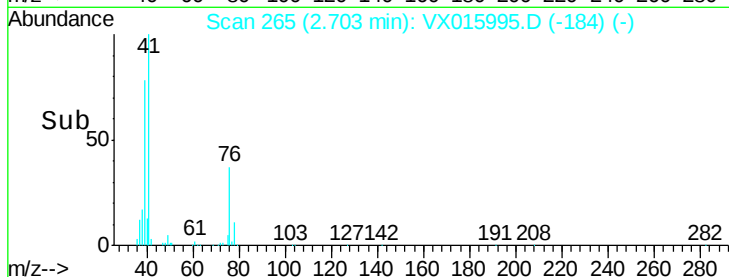
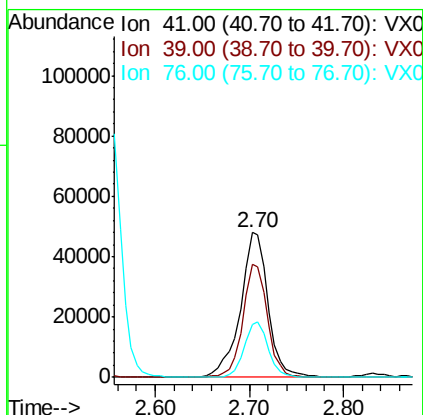
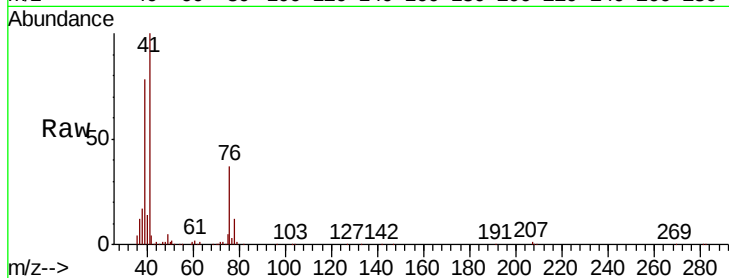




#17
Allvl chloride
Concen: 18.647 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

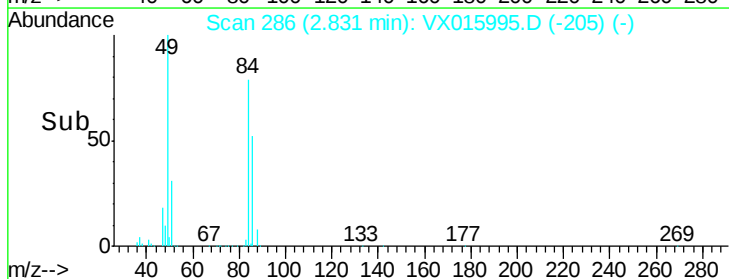
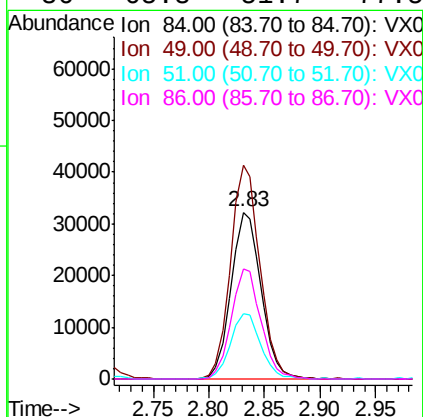
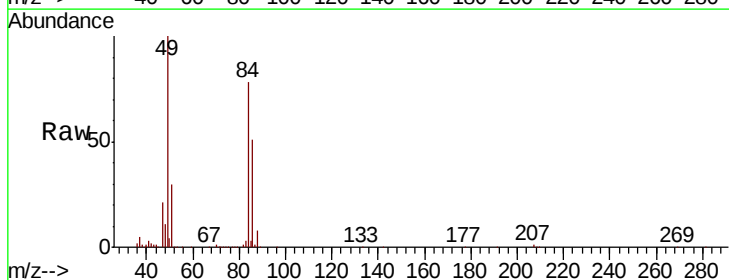
Instrument :
MSVOA_X
ClientSampleId :

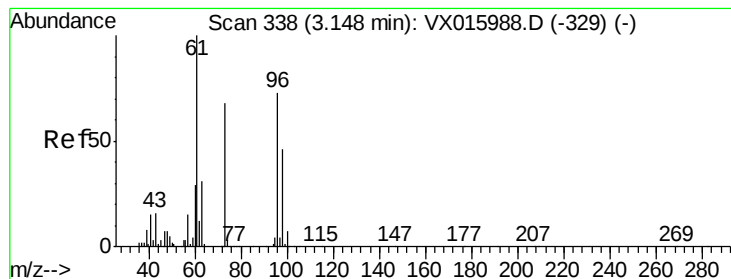
Tot Ion: 41 Resp: 97686
Ion Ratio Lower Upper
41 100
39 77.7 37.6 112.8
76 36.5 17.2 51.5



#18
Methylene Chloride
Concen: 19.058 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 84 Resp: 60293
Ion Ratio Lower Upper
84 100
49 127.8 103.0 154.4
51 38.8 31.4 47.0
86 65.8 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 18.673 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

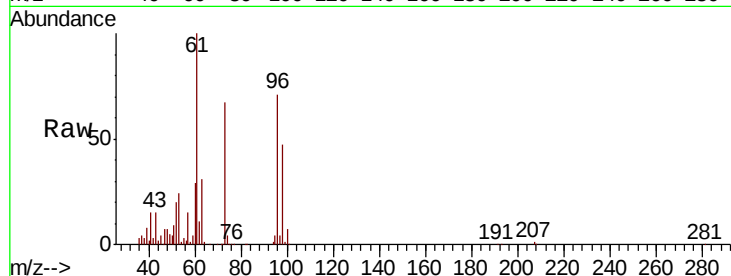
Tot Ion: 96 Resp: 57677

Ion Ratio Lower Upper

96 100

61 141.4 109.0 163.4

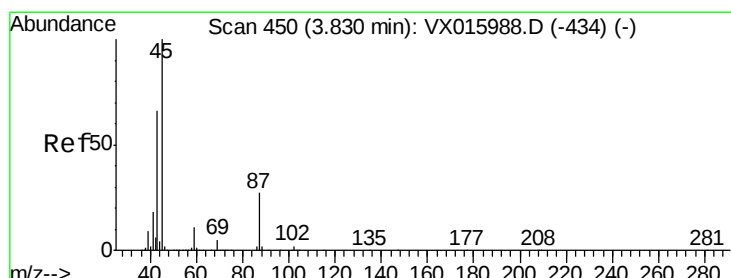
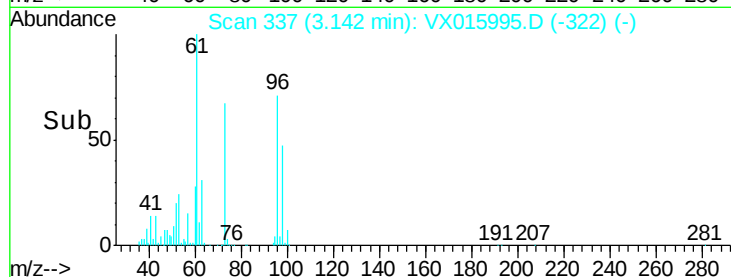
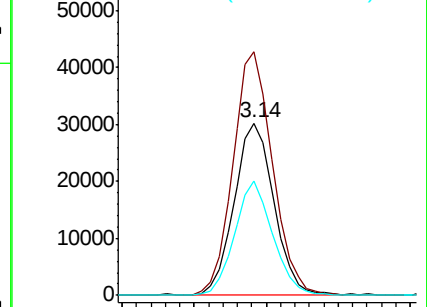
98 66.7 50.0 75.0



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



#20

Diisopropyl ether

Concen: 18.929 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion: 45 Resp: 191200

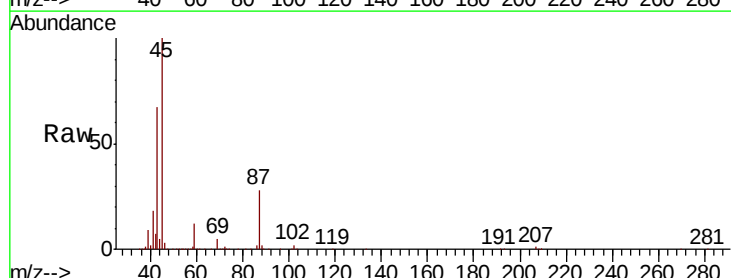
Ion Ratio Lower Upper

45 100

43 65.5 53.0 79.4

87 27.7 21.9 32.9

59 12.1 9.1 13.7

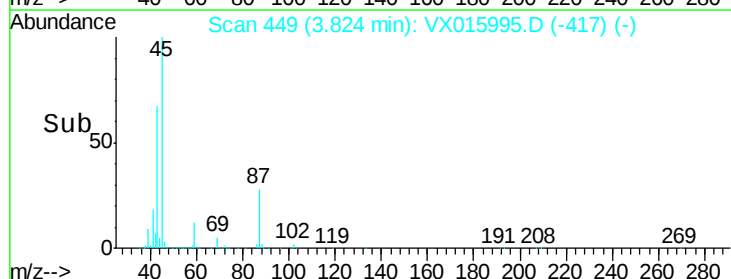
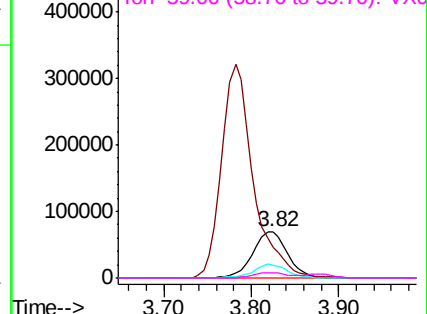


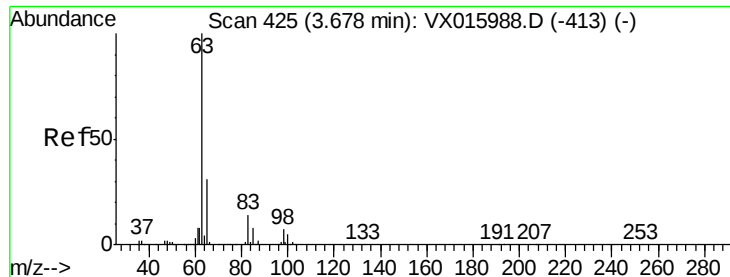
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.823 ug/l

RT: 3.67 min Scan# 424

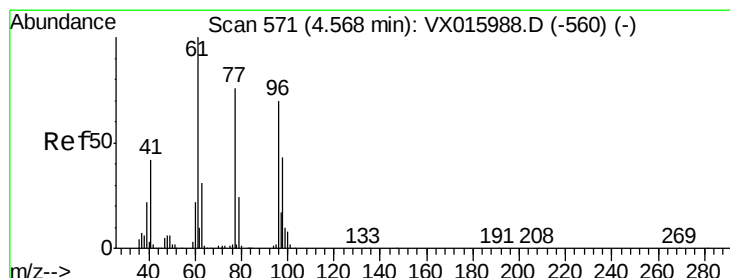
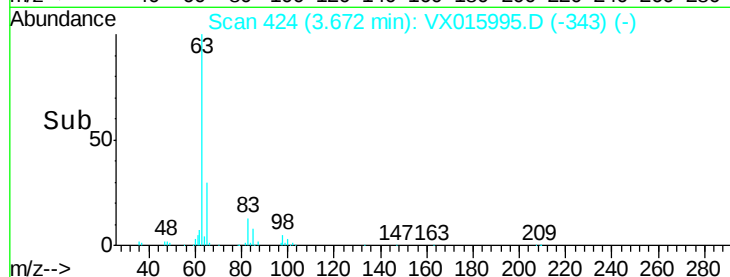
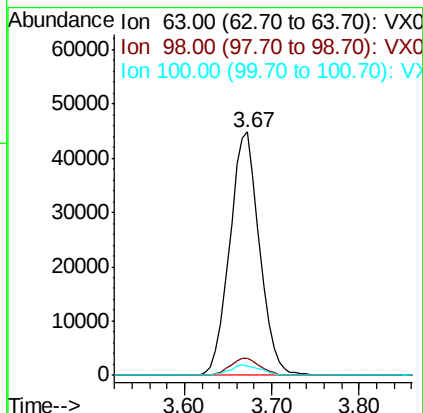
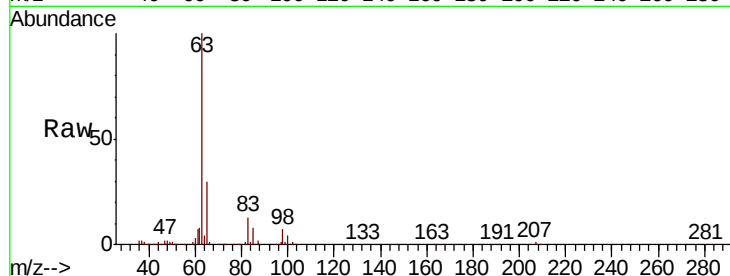
Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	106014
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.4
100	3.6	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 18.862 ug/l

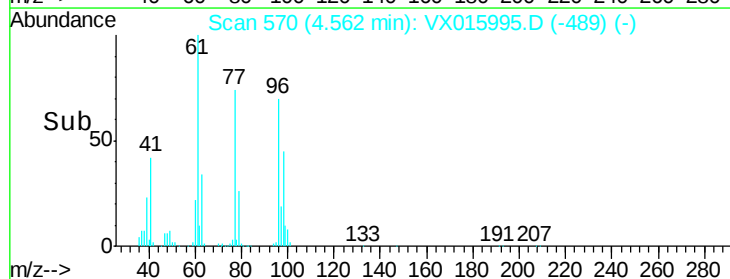
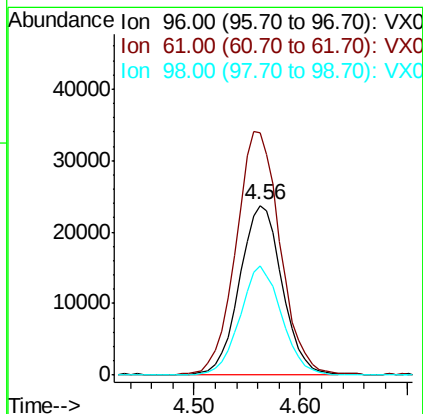
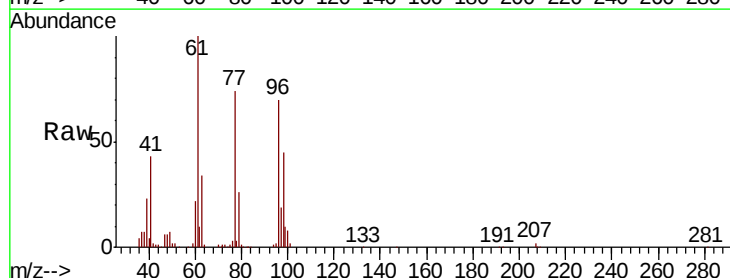
RT: 4.56 min Scan# 570

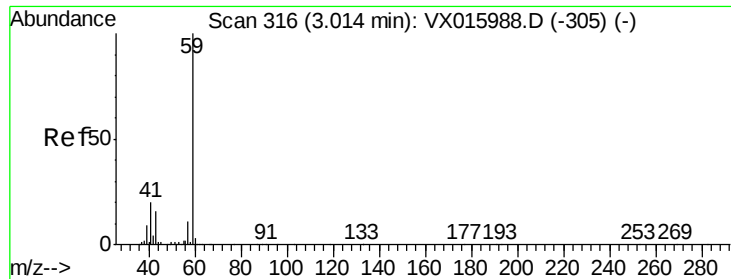
Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	96	Resp:	66116
Ion	Ratio	Lower	Upper
96	100		
61	150.0	121.6	182.4
98	63.4	51.9	77.9



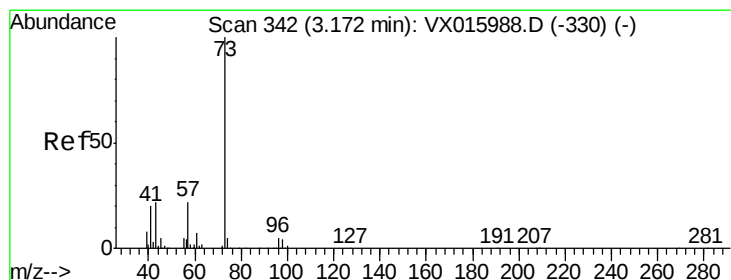
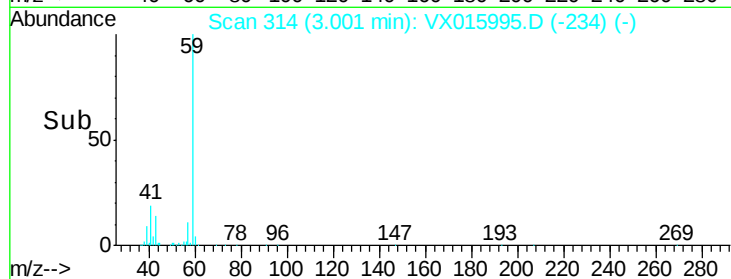
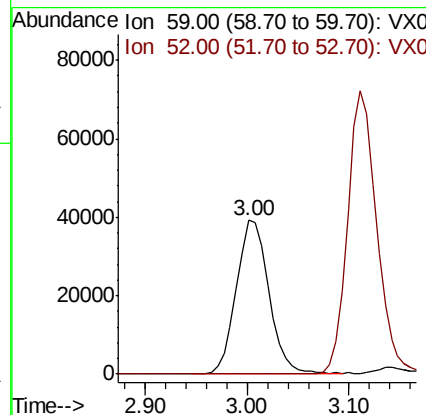
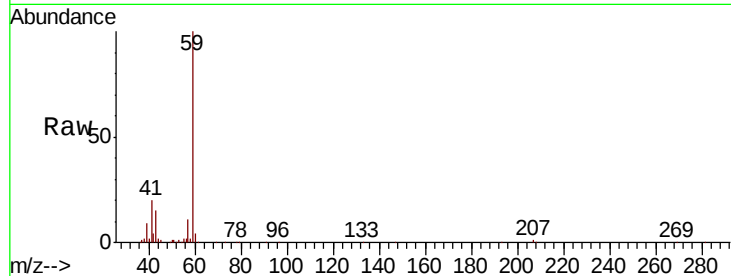


#23

tert-Butyl Alcohol
 Concen: 97.730 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampleId :

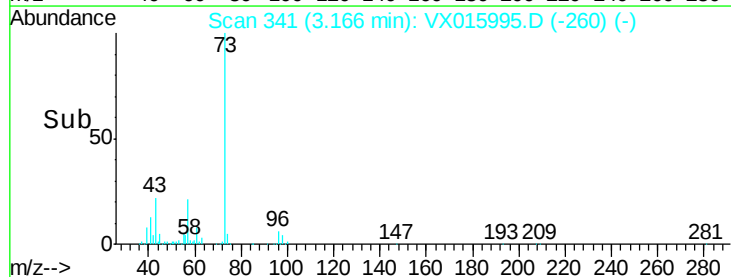
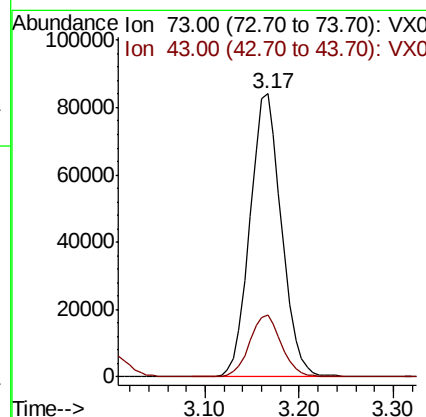
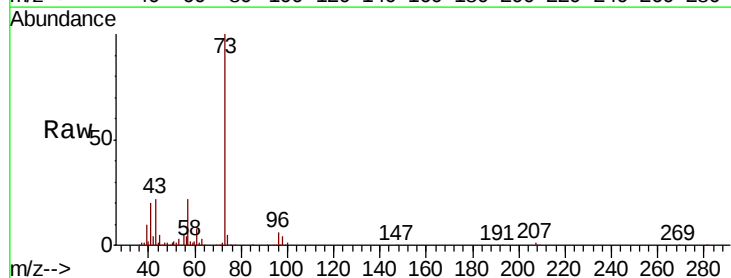
Tot Ion: 59 Resp: 87128
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#

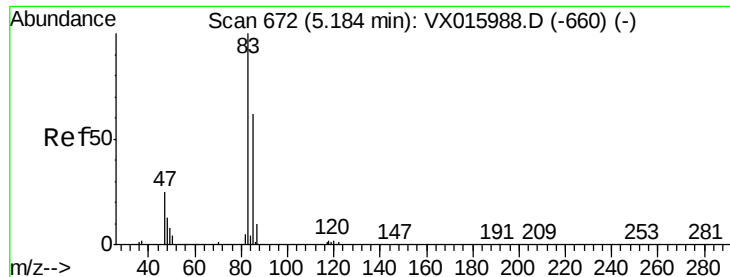


#24

Methyl tert-Butyl Ether
 Concen: 19.347 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion: 73 Resp: 196208
 Ion Ratio Lower Upper
 73 100
 43 21.6 17.8 26.6





#25

Chloroform

Concen: 18.727 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

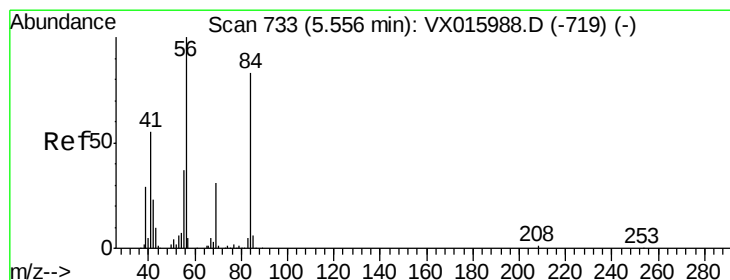
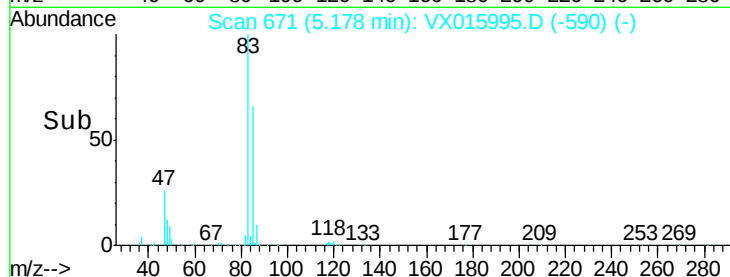
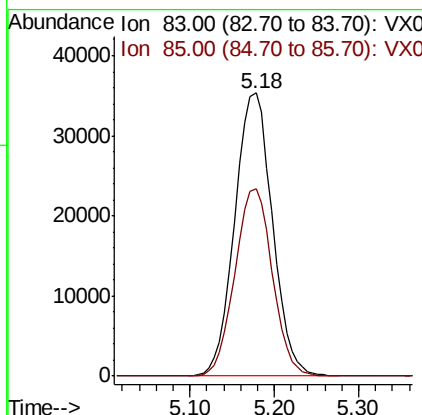
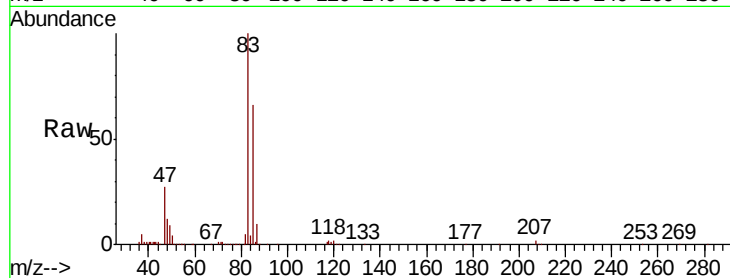
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 107122

Ion Ratio Lower Upper

83 100

85 66.0 49.6 74.4



#26

Cyclohexane

Concen: 18.740 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

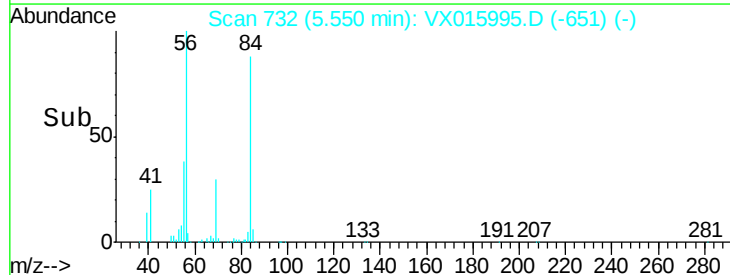
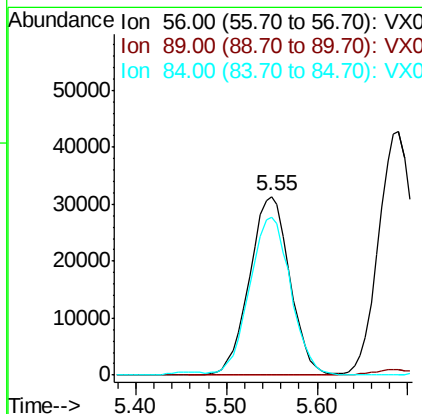
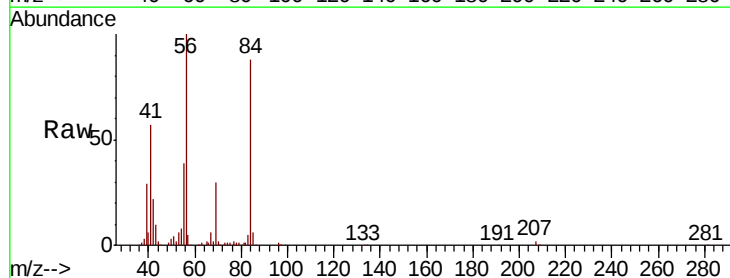
Tgt Ion: 56 Resp: 96516

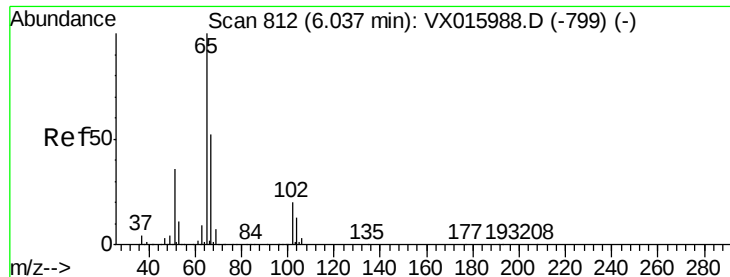
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 90.0 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.380 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

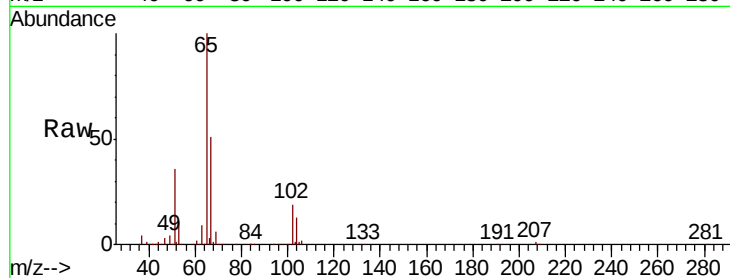
ClientSampleId :

Tot Ion: 65 Resp: 115226

Ion Ratio Lower Upper

65 100

67 51.4 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

50000

40000

30000

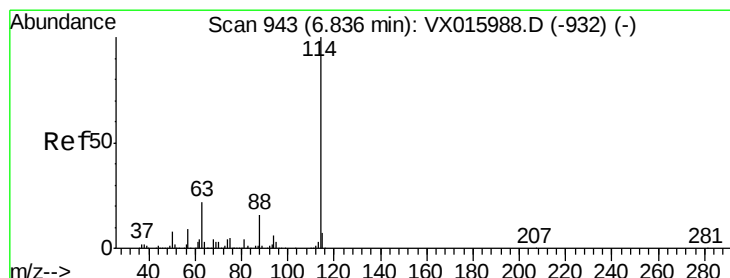
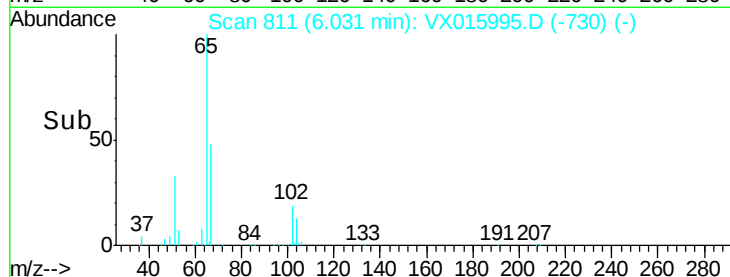
20000

10000

0

Time-->

5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

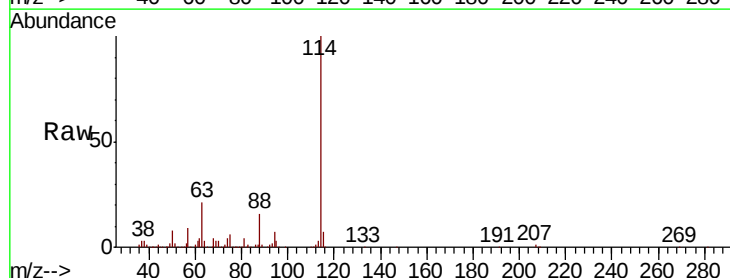
Tgt Ion: 114 Resp: 273949

Ion Ratio Lower Upper

114 100

63 20.9 17.1 25.7

88 15.7 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

6.83

150000

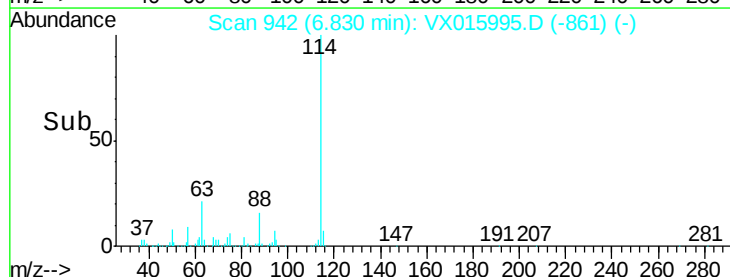
100000

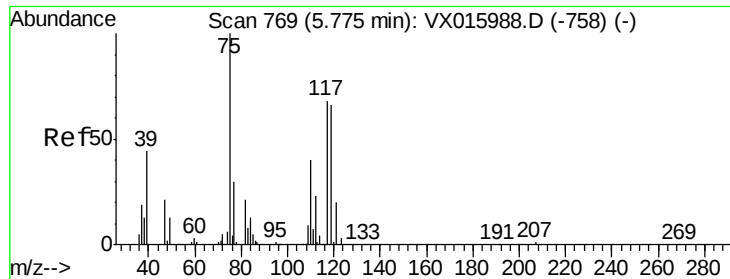
50000

0

Time-->

6.70 6.80 6.90





#29

1,1-Dichloropropene

Concen: 18.901 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

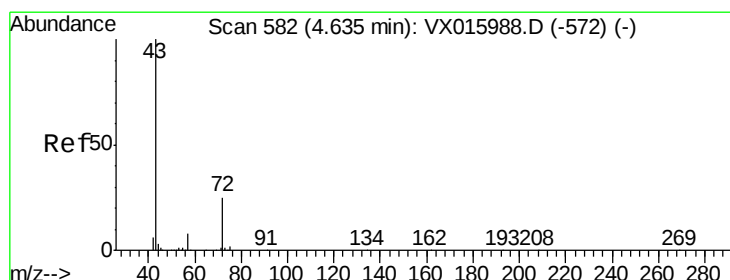
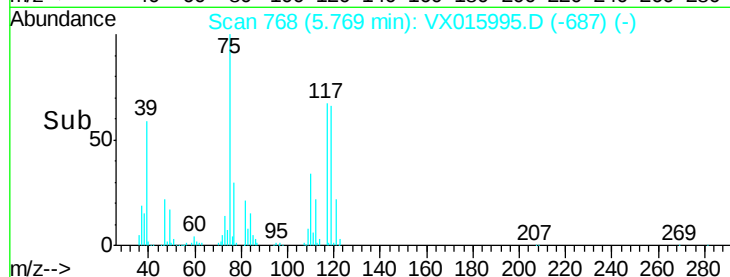
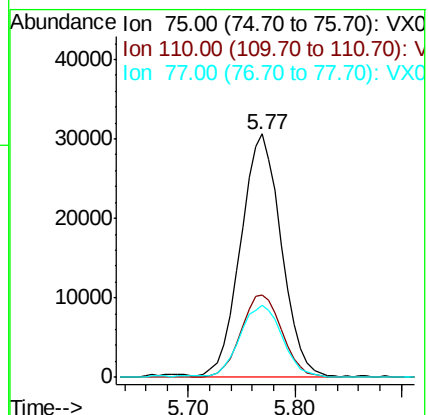
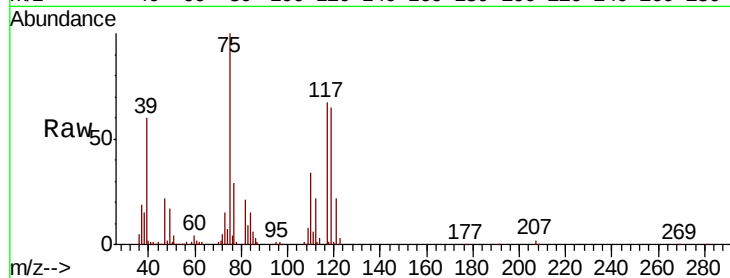
Tot Ion: 75 Resp: 81436

Ion Ratio Lower Upper

75 100

110 34.8 0.0 71.0

77 31.5 0.0 64.2



#30

2-Butanone

Concen: 97.649 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

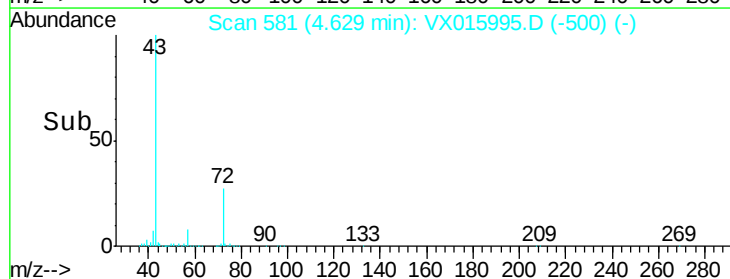
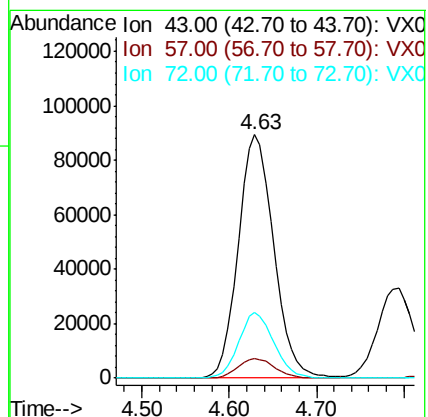
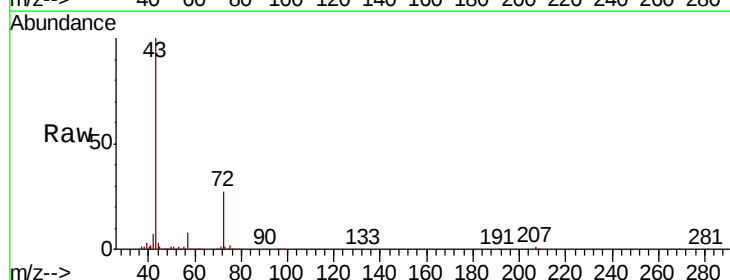
Tgt Ion: 43 Resp: 250697

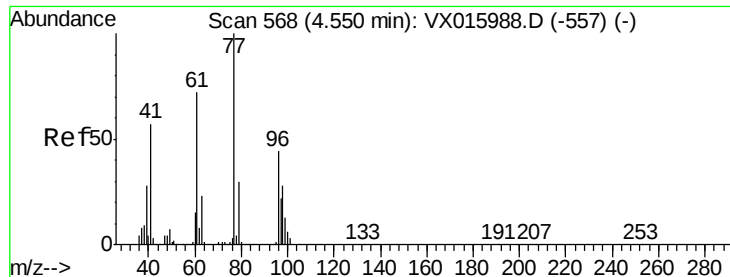
Ion Ratio Lower Upper

43 100

57 8.4 6.3 9.5

72 26.7 20.8 31.2





#31

2,2-Dichloropropane

Concen: 18.514 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

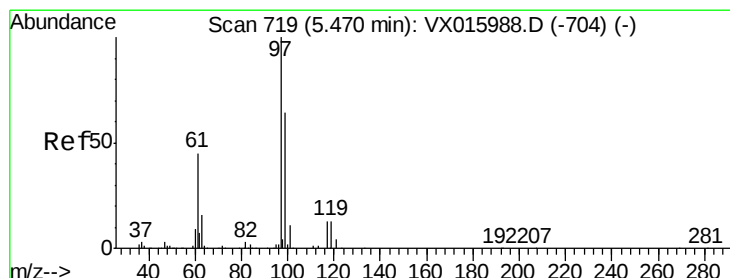
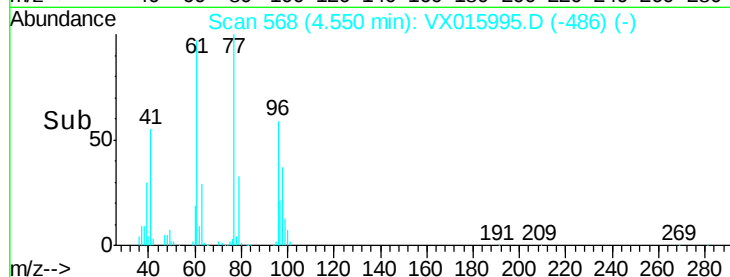
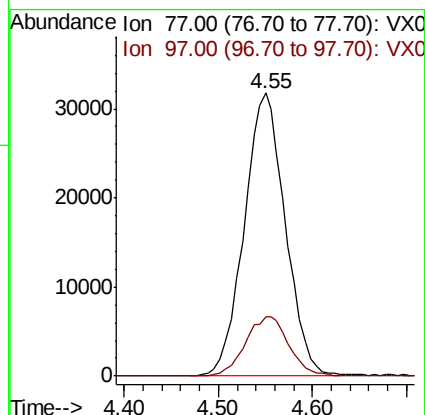
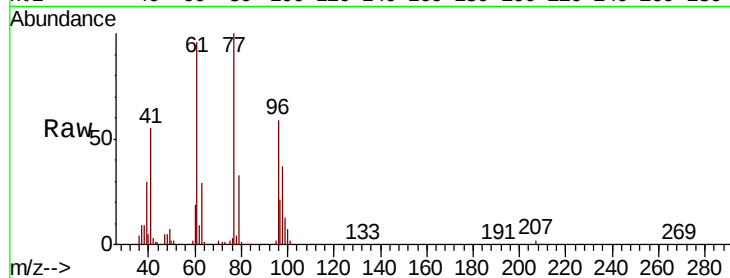
ClientSampleId :

Tot Ion: 77 Resp: 96002

Ion Ratio Lower Upper

77 100

97 22.4 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 18.934 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

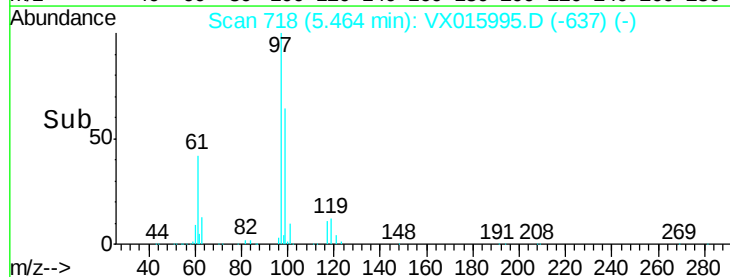
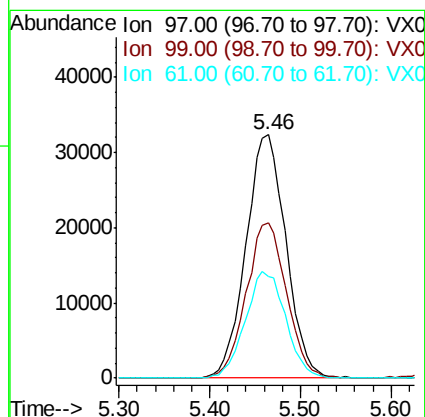
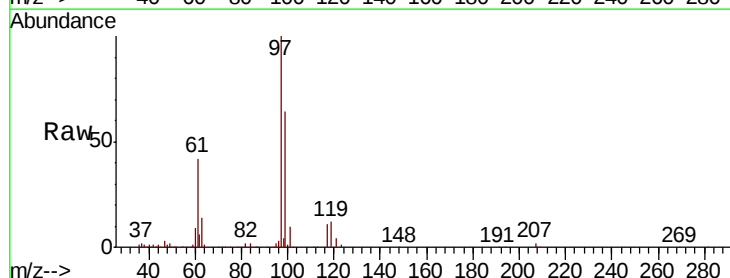
Tgt Ion: 97 Resp: 98961

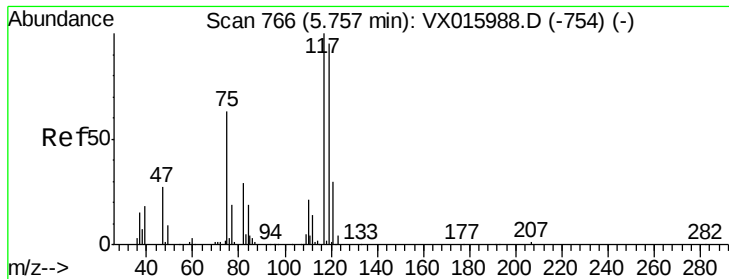
Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

61 44.2 35.9 53.9

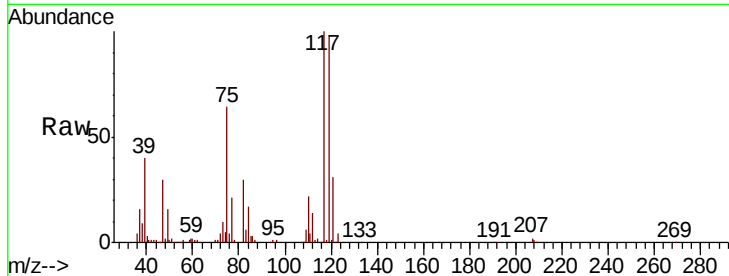




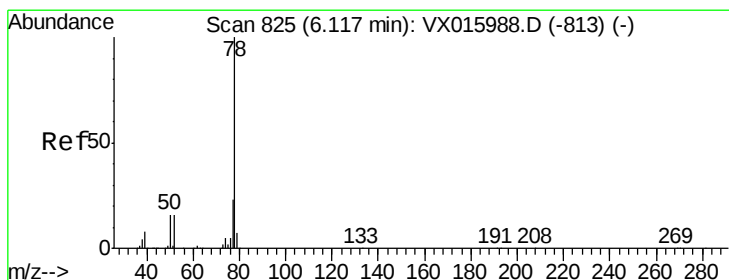
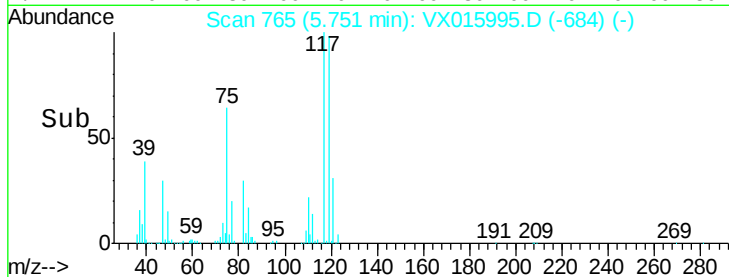
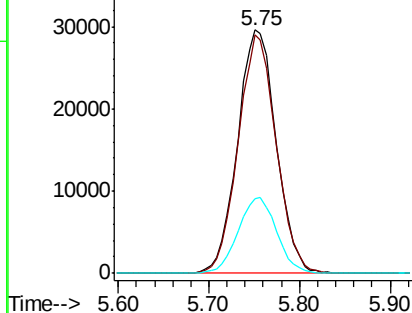
#33
Carbon Tetrachloride
Concen: 18.729 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 87160
Ion Ratio Lower Upper
117 100
119 97.5 76.3 114.5
121 30.7 24.2 36.4

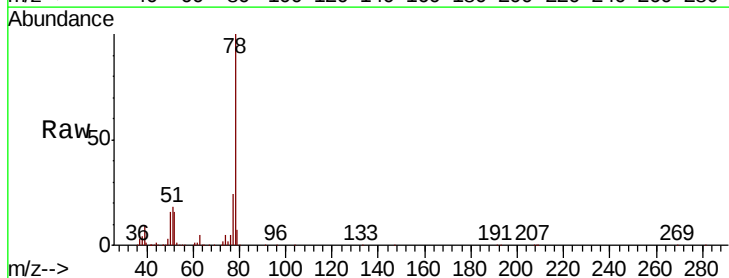


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

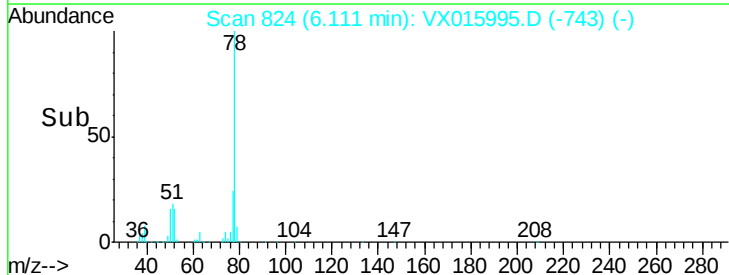
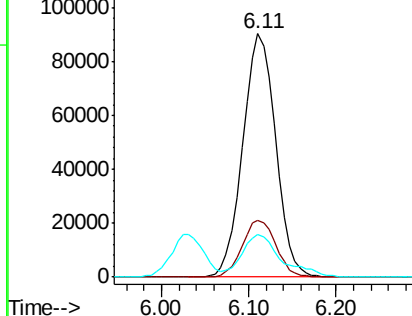


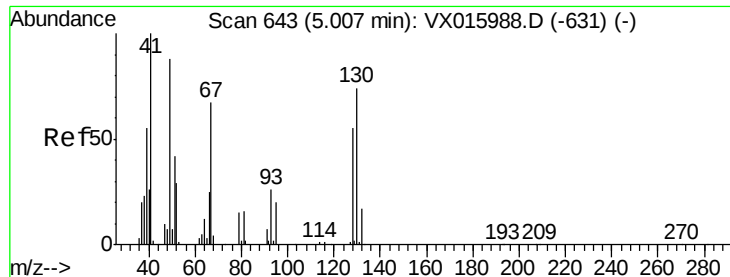
#34
Benzene
Concen: 18.745 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 78 Resp: 235897
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1
51 17.3 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

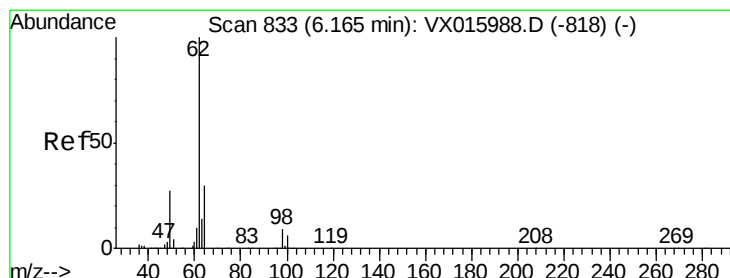
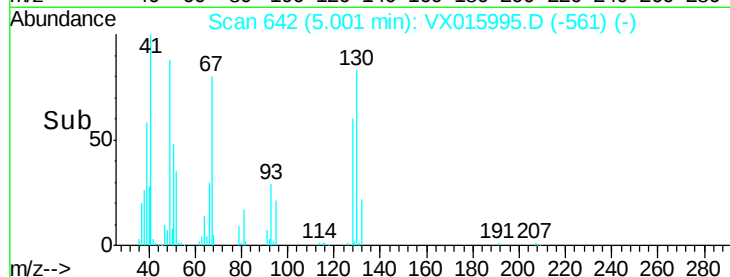
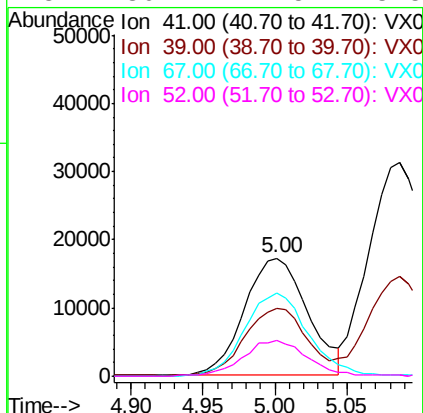
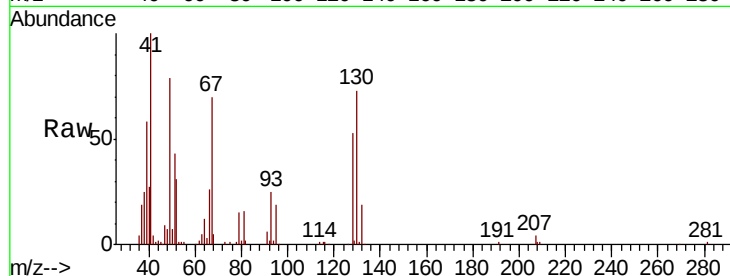




#35
Methacrylonitrile
Concen: 19.150 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

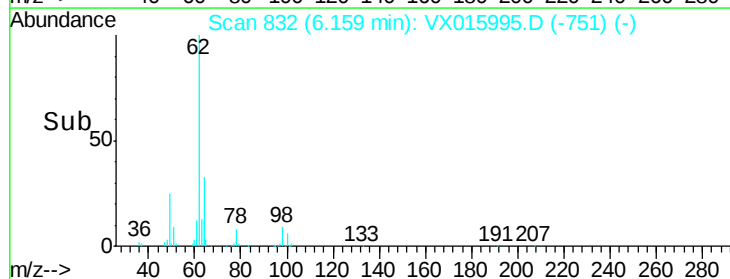
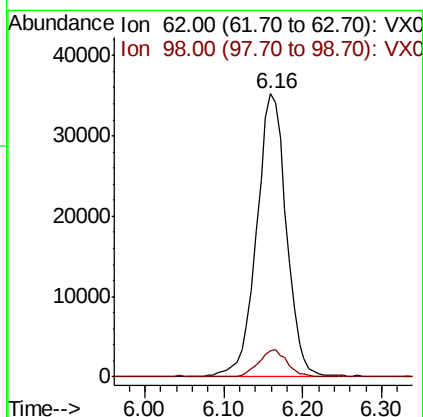
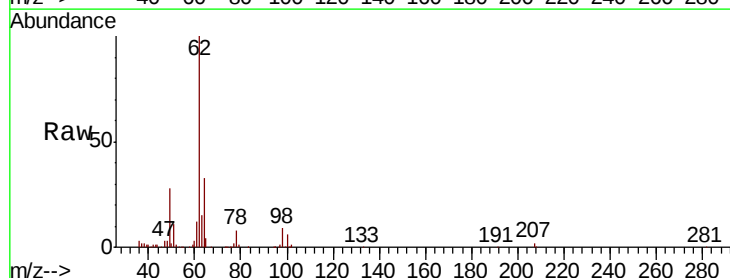
Instrument :
MSVOA_X
ClientSampled :

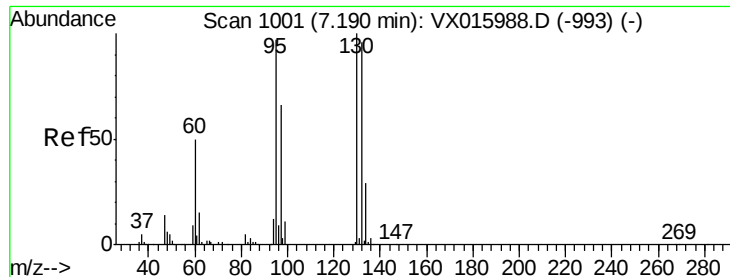
Tot Ion:	41	Resp:	52212
Ion	Ratio	Lower	Upper
41	100		
39	57.7	27.5	82.4
67	70.2	33.6	100.6
52	30.4	14.5	43.5



#36
1,2-Dichloroethane
Concen: 19.246 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion:	62	Resp:	92498
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.2

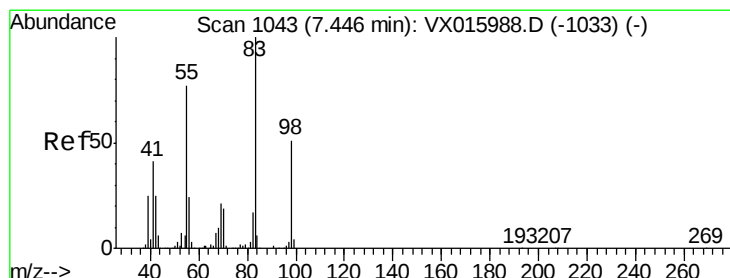
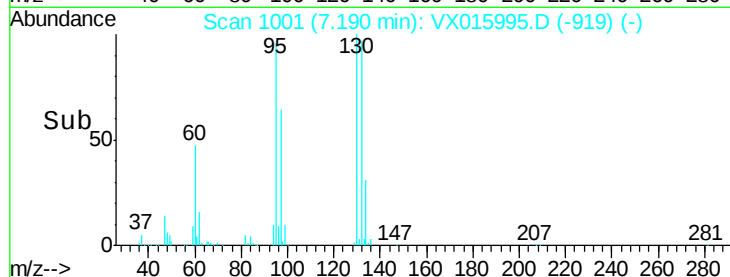
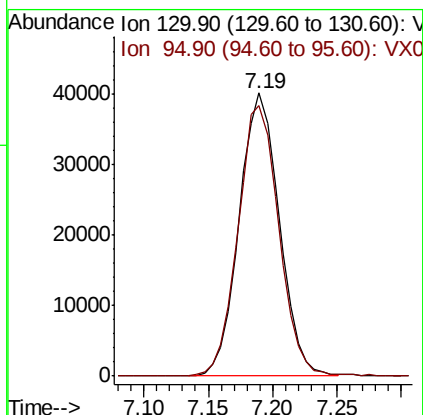
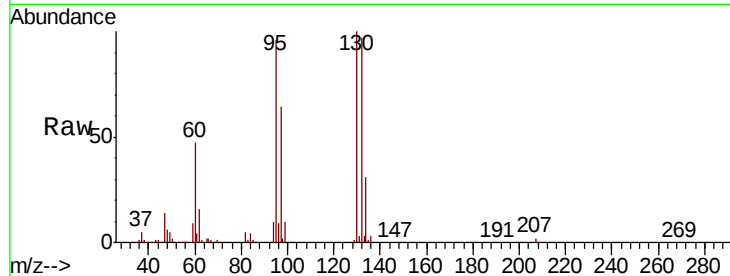




#37
 Trichloroethene
 Concen: 19.369 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

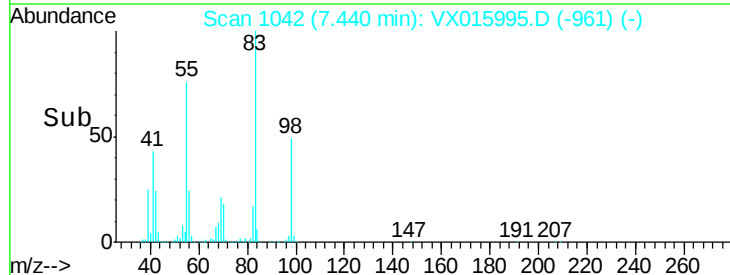
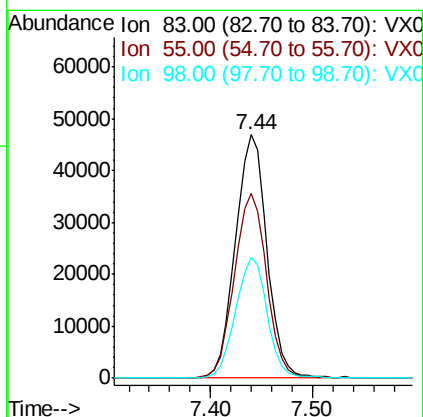
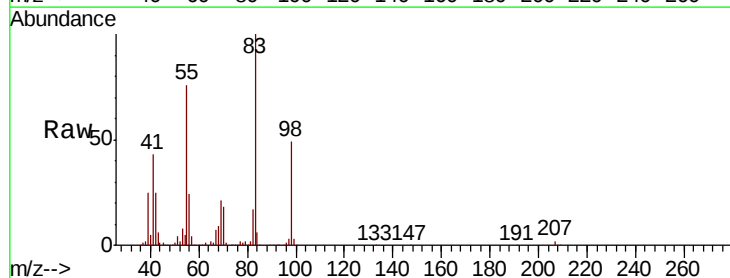
Instrument :
 MSVOA_X
 ClientSampleId :

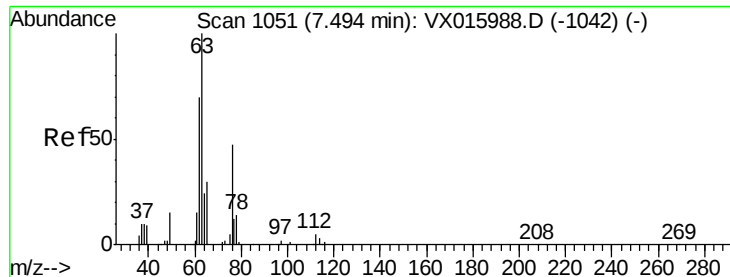
Tot Ion:130 Resp: 86714
 Ion Ratio Lower Upper
 130 100
 95 95.5 77.8 116.8



#38
 Methylcyclohexane
 Concen: 19.118 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion: 83 Resp: 100666
 Ion Ratio Lower Upper
 83 100
 55 77.3 38.8 116.4
 98 49.9 25.1 75.3

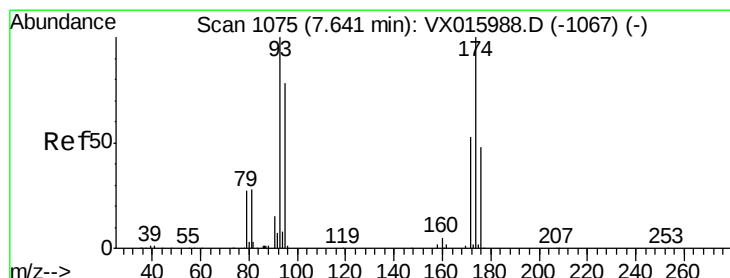
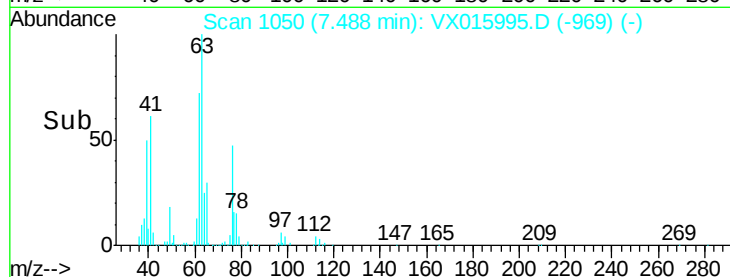
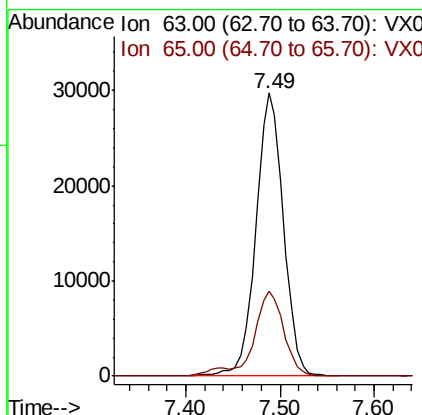
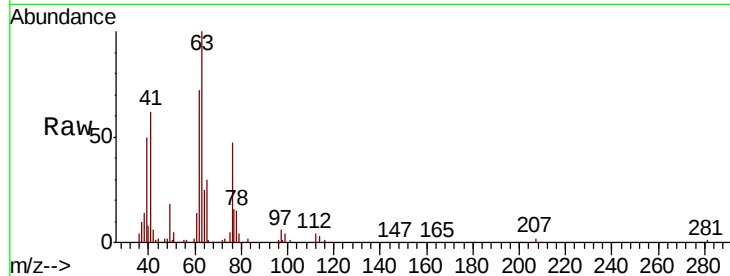




#39
 1,2-Dichloropropane
 Concen: 18.918 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

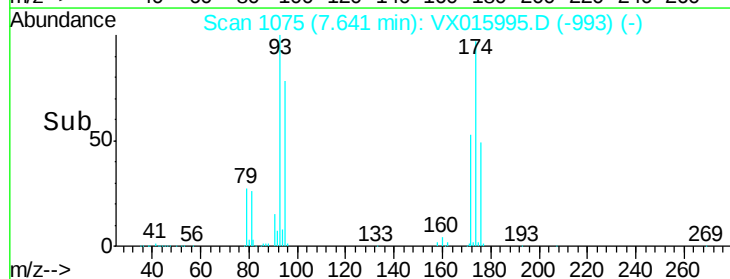
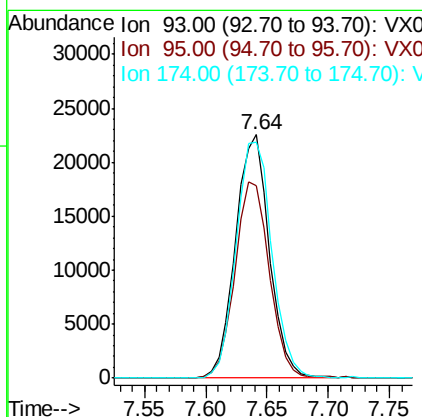
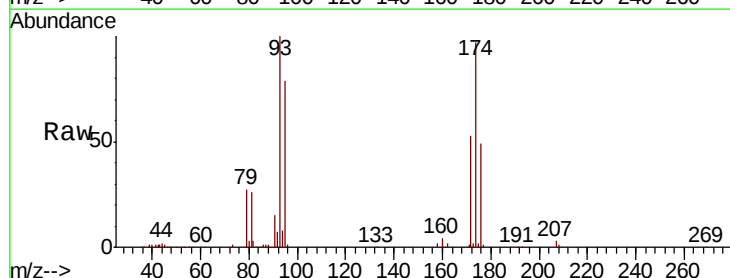
Instrument :
 MSVOA_X
 ClientSampleId :

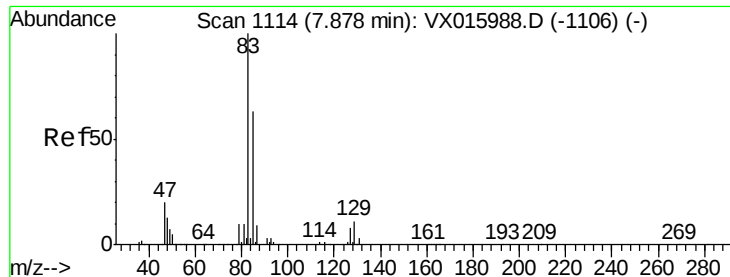
Tot Ion: 63 Resp: 61113
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.9 38.9



#40
 Dibromomethane
 Concen: 19.326 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion: 93 Resp: 43351
 Ion Ratio Lower Upper
 93 100
 95 82.1 0.0 162.8
 174 102.9 0.0 204.0





#41

Bromodichloromethane

Concen: 18.486 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

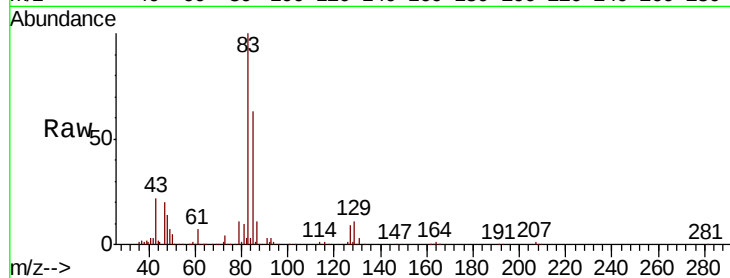
Tot Ion: 83 Resp: 85485

Ion Ratio Lower Upper

83 100

85 63.1 50.4 75.6

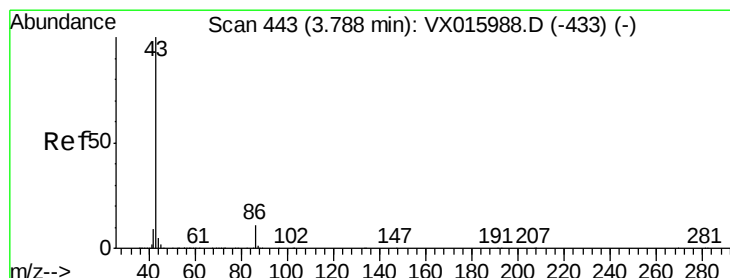
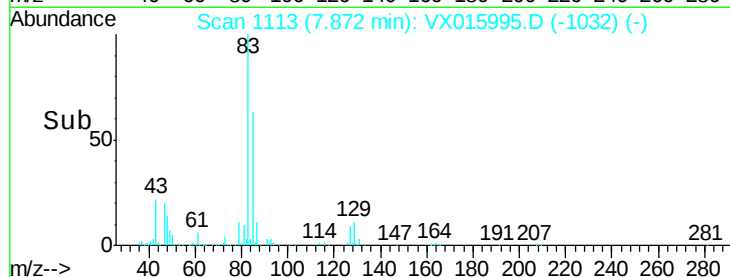
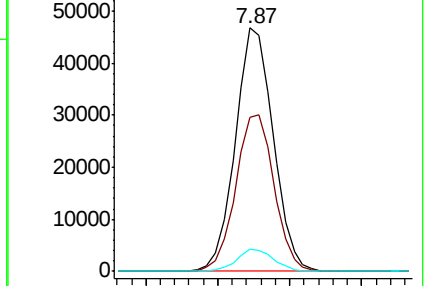
127 9.2 6.7 10.1



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: 95.904 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015995.D

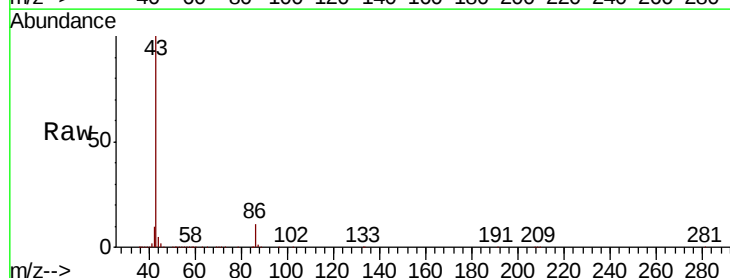
Acq: 30 Apr 2020 15:15

Tgt Ion: 43 Resp: 814571

Ion Ratio Lower Upper

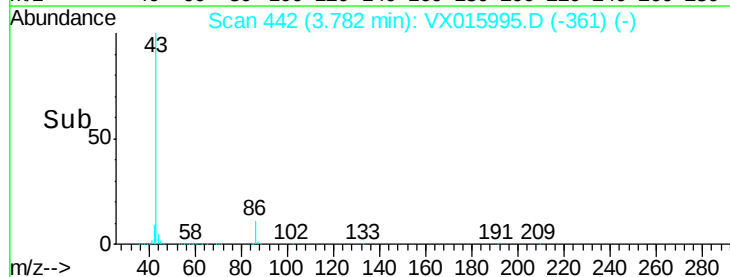
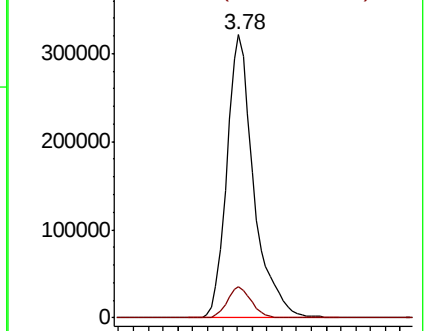
43 100

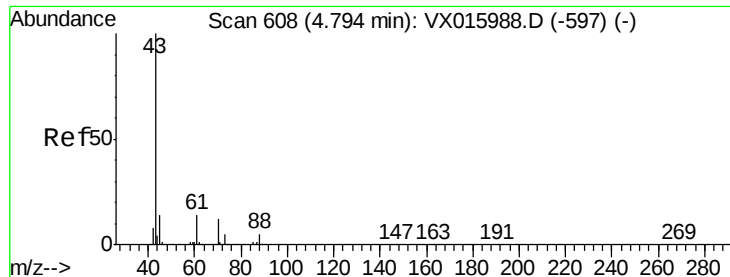
86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

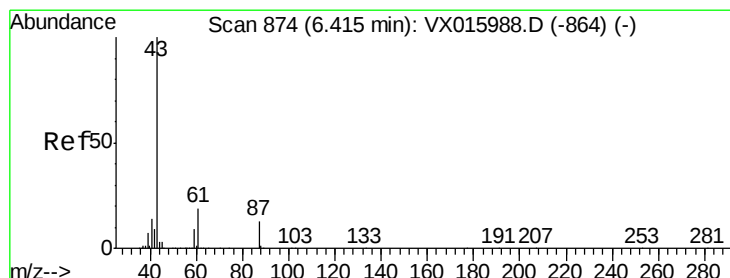
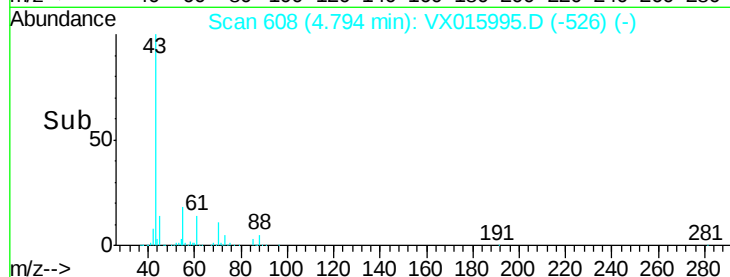
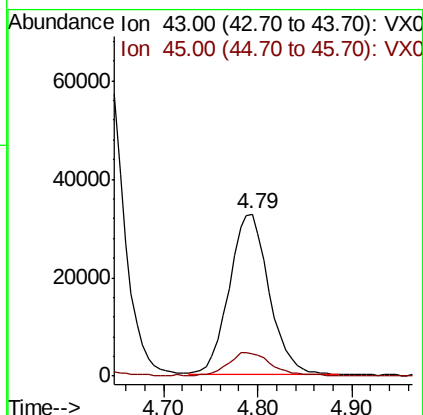
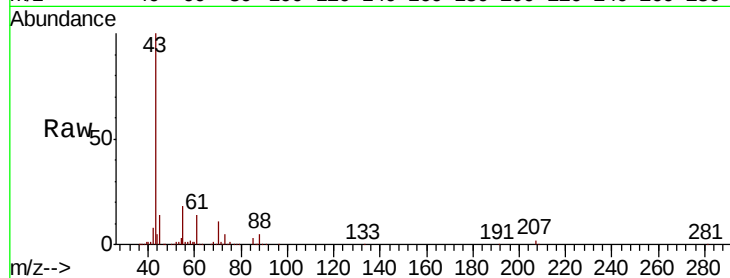




#43
Ethyl Acetate
Concen: 19.085 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

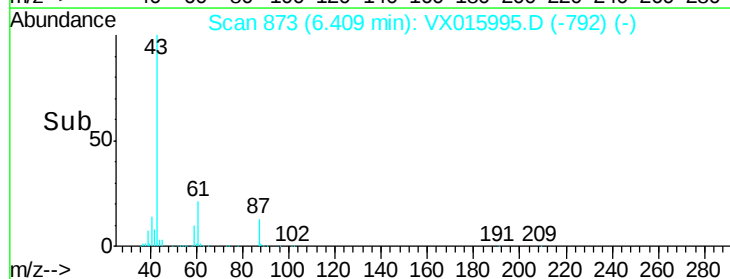
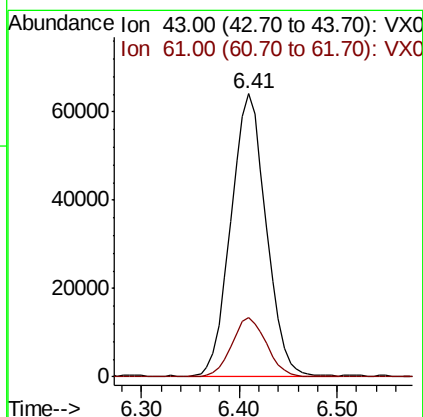
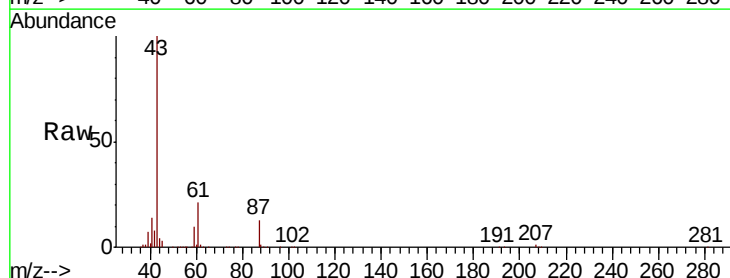
Instrument :
MSVOA_X
ClientSampleId :

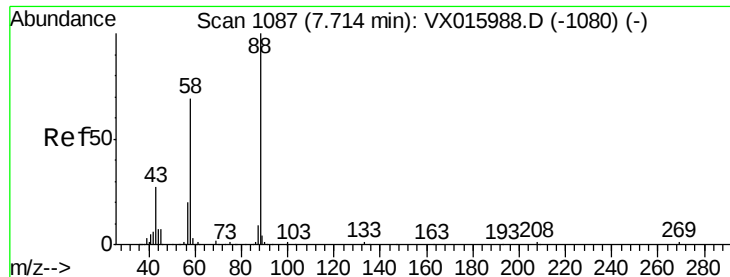
Tot Ion: 43 Resp: 96650
Ion Ratio Lower Upper
43 100
45 15.0 11.9 17.9



#44
Isopropyl Acetate
Concen: 19.446 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 43 Resp: 159813
Ion Ratio Lower Upper
43 100
61 20.7 16.1 24.1





#45

1,4-Dioxane

Concen: 393.364 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

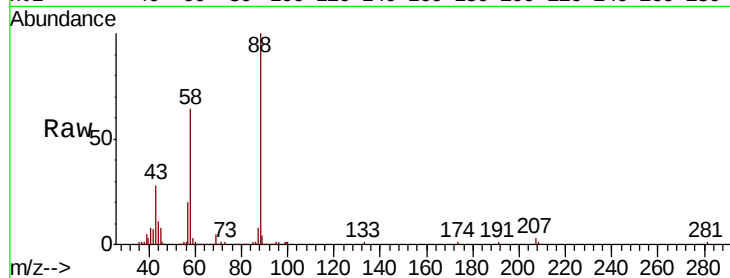
Tot Ion: 88 Resp: 34147

Ion Ratio Lower Upper

88 100

43 33.7 26.3 39.5

58 68.3 57.0 85.6

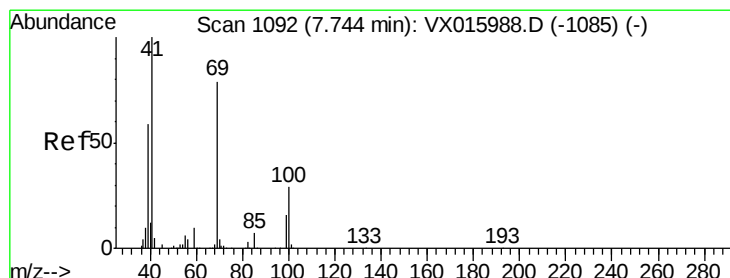
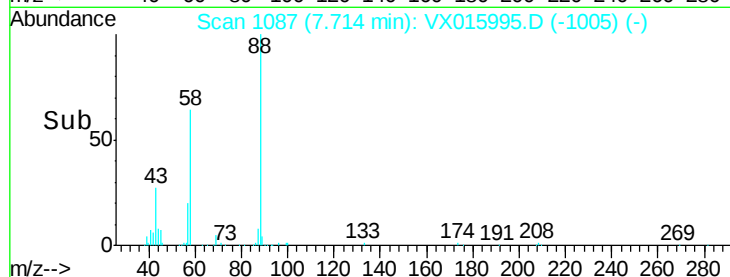
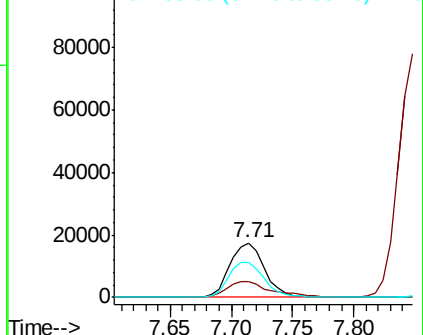


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.172 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

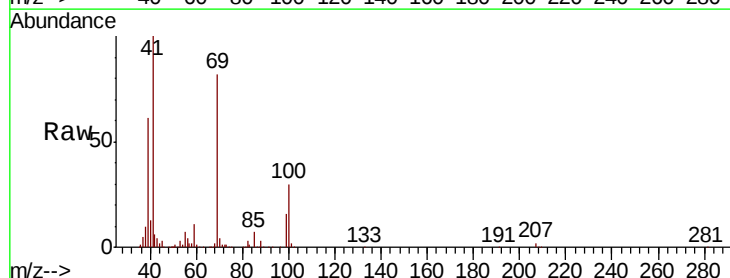
Tgt Ion: 41 Resp: 74695

Ion Ratio Lower Upper

41 100

69 82.2 39.5 118.5

39 60.5 29.6 88.9

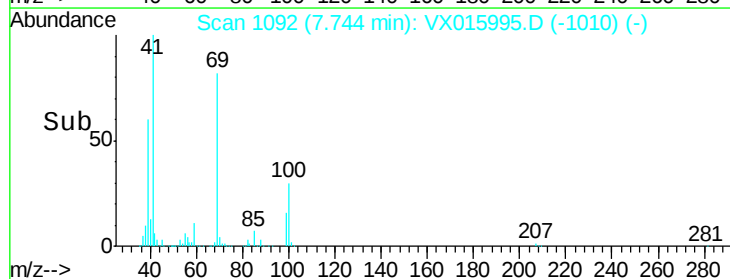
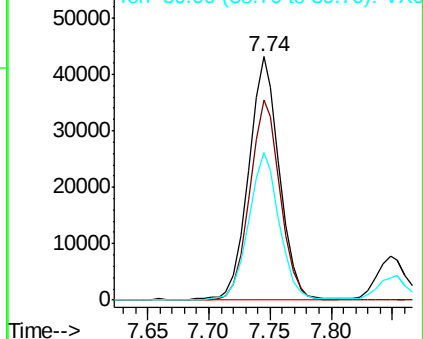


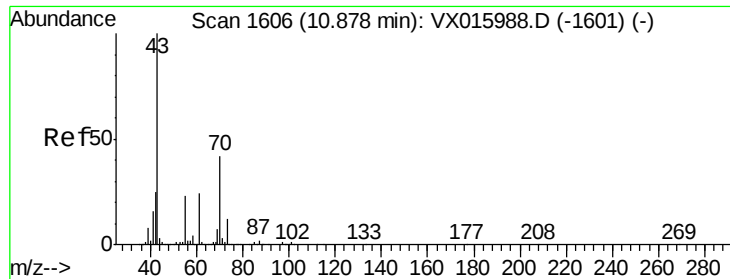
Abundance

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

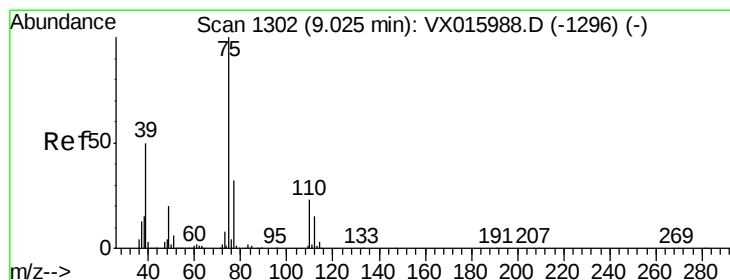
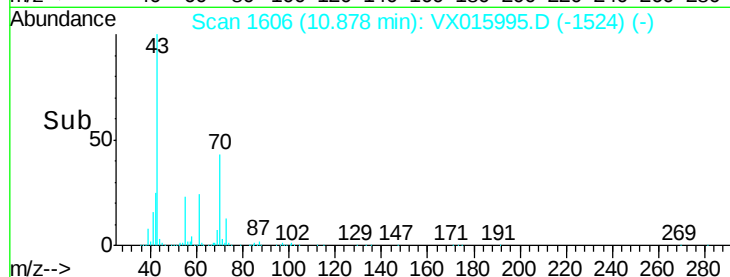
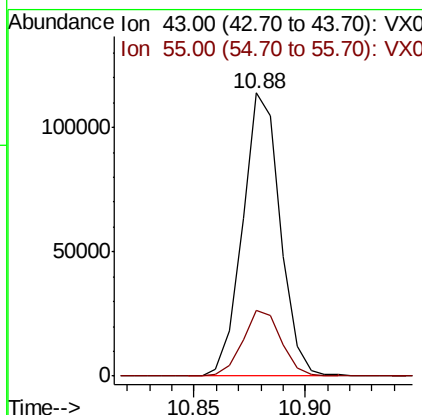
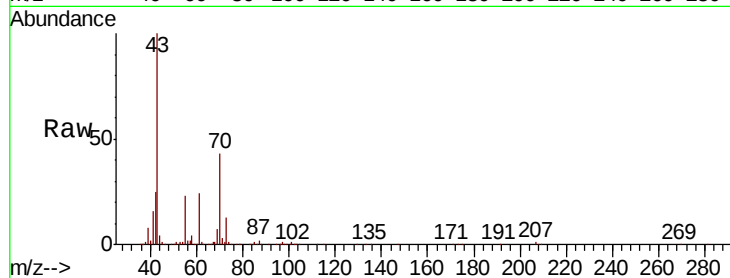




#47
n-amvl Acetate
Concen: 18.579 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

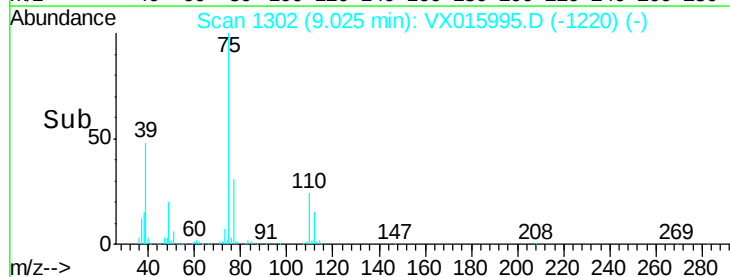
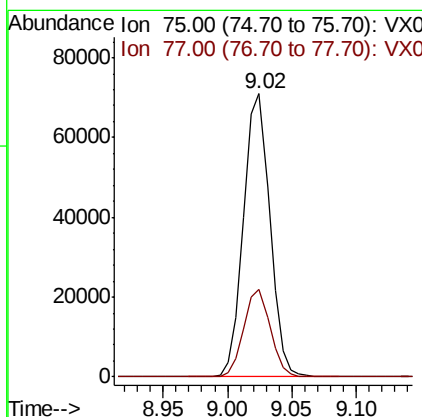
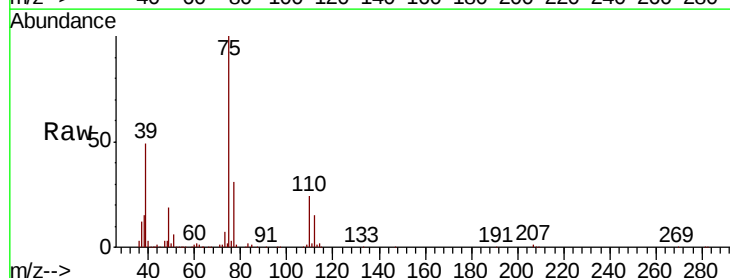
Instrument :
MSVOA_X
ClientSampled :

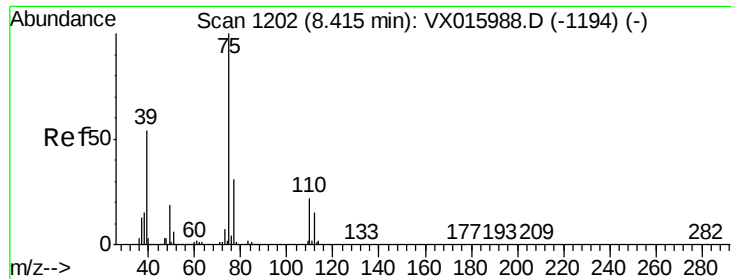
Tot Ion: 43 Resp: 133505
Ion Ratio Lower Upper
43 100
55 23.8 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 18.795 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 75 Resp: 100930
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.8



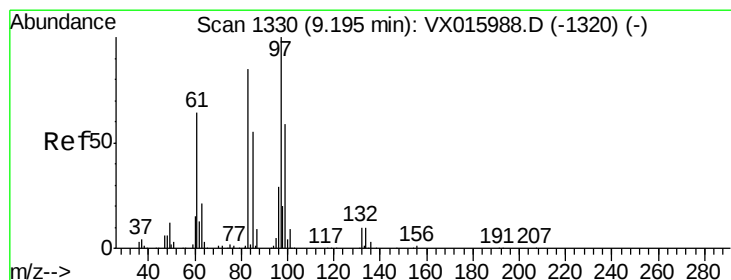
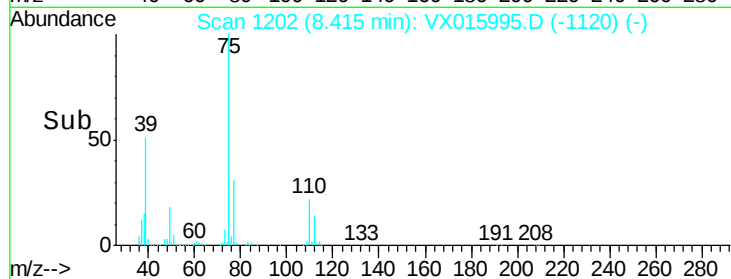
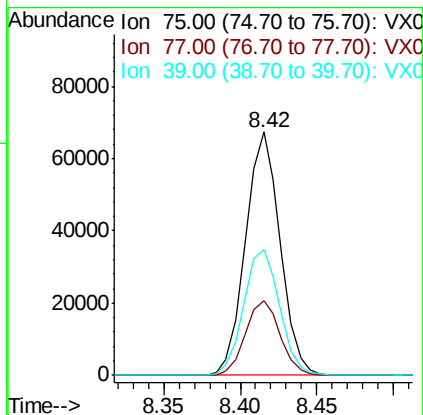
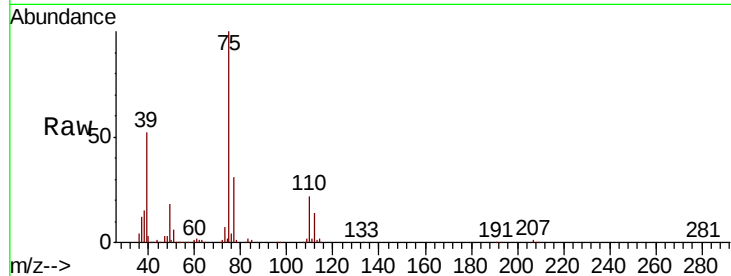


#49

cis-1,3-Dichloropropene
Concen: 19.108 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :

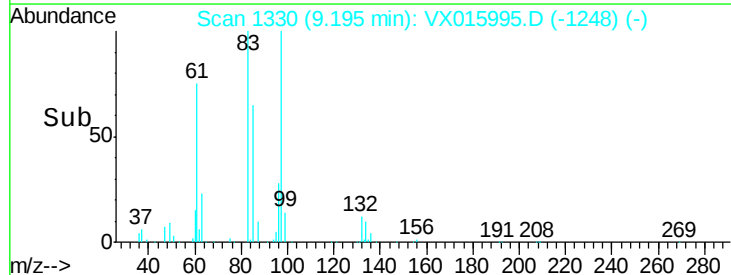
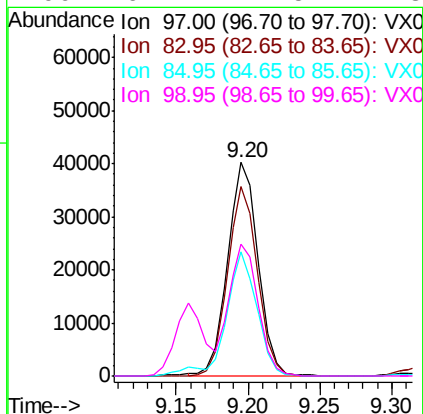
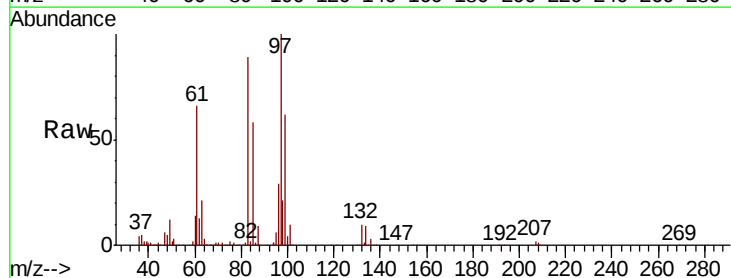
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.6
39	51.5	43.2	64.8

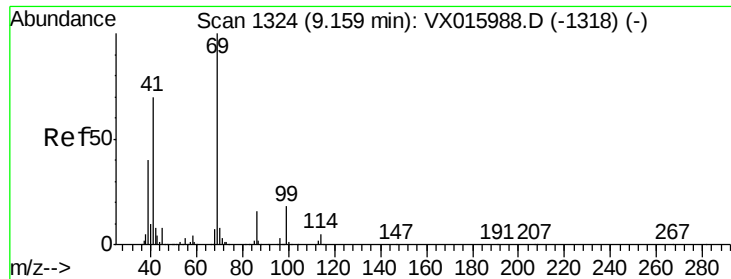


#50

1,1,2-Trichloroethane
Concen: 18.741 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	67.7	101.5
85	58.2	43.7	65.5
99	61.7	47.5	71.3





#51

Ethyl methacrylate

Concen: 18.600 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

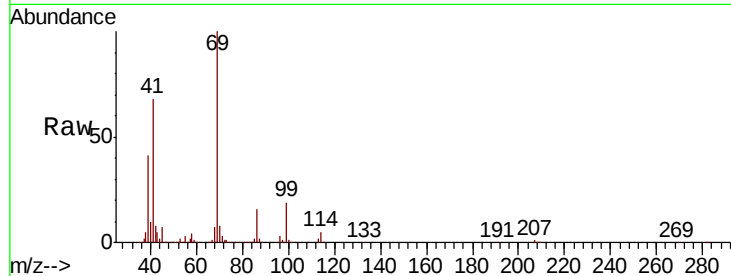
Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 97087

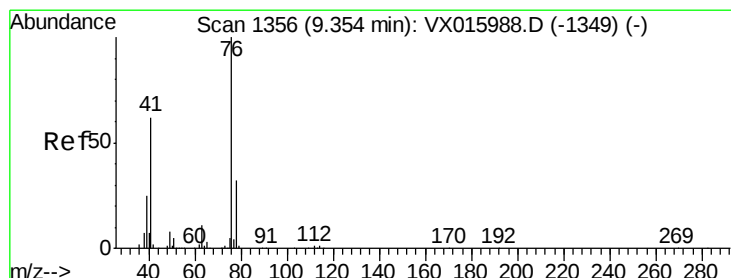
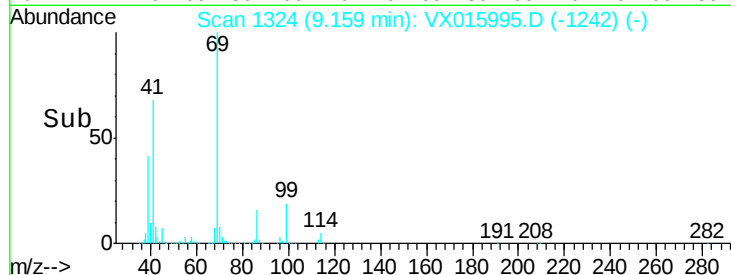
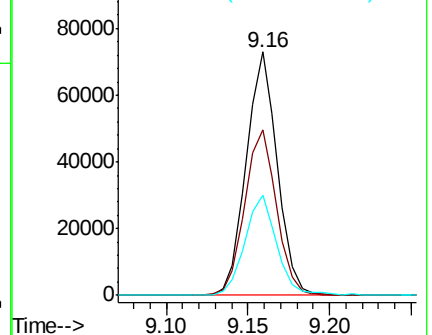
Ion	Ratio	Lower	Upper
69	100		
41	67.8	34.8	104.4
39	40.8	19.8	59.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.160 ug/l

RT: 9.35 min Scan# 1356

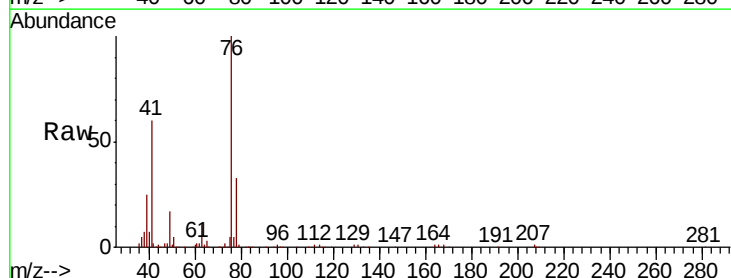
Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

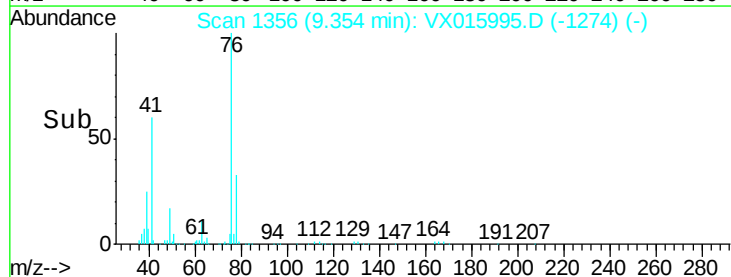
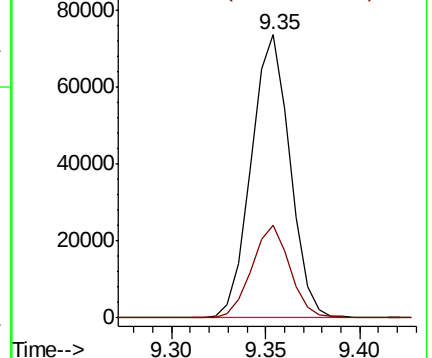
Tgt Ion: 76 Resp: 104698

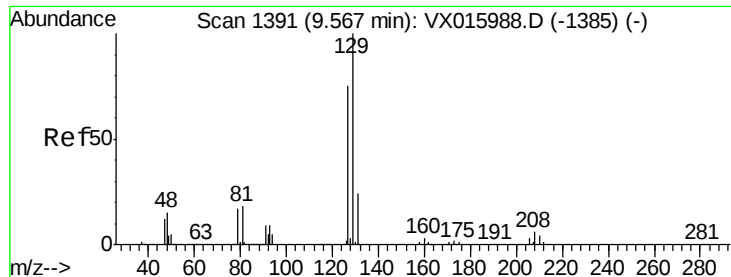
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.568 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

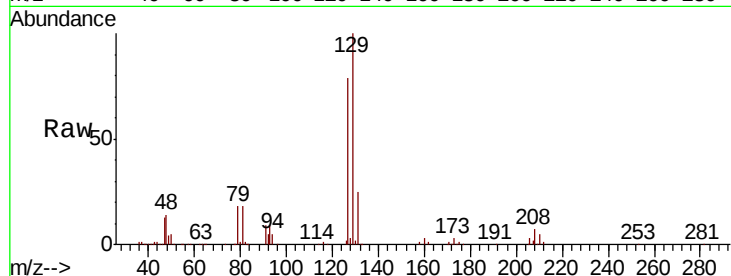
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 66778

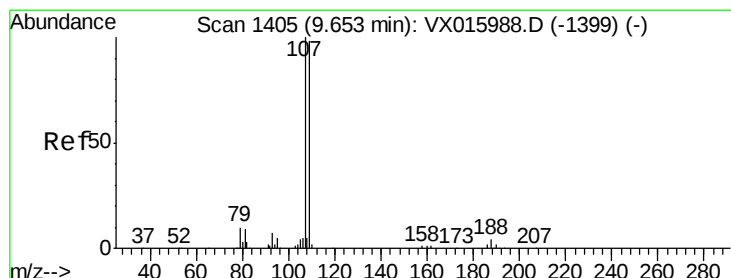
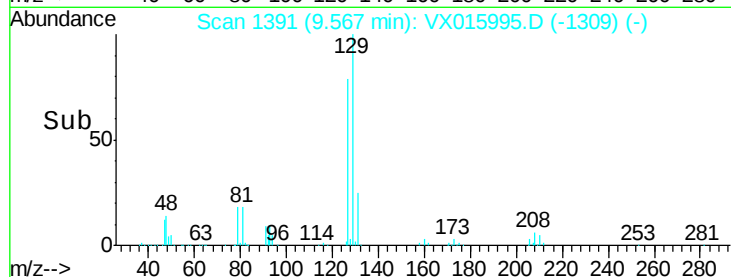
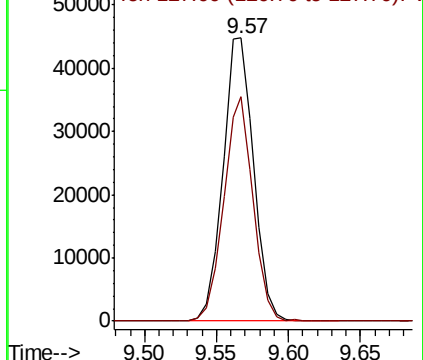
Ion Ratio Lower Upper

129 100

127 75.5 38.3 114.9



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



#54

1,2-Dibromoethane

Concen: 18.537 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015995.D

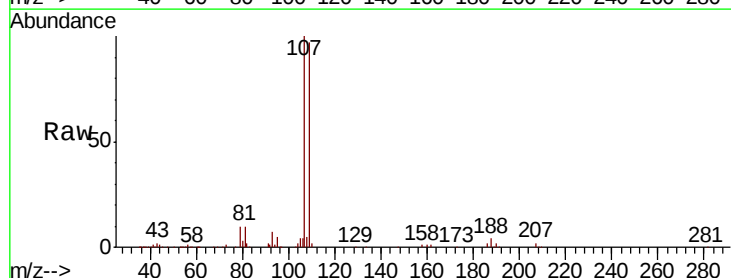
Acq: 30 Apr 2020 15:15

Tgt Ion:107 Resp: 64402

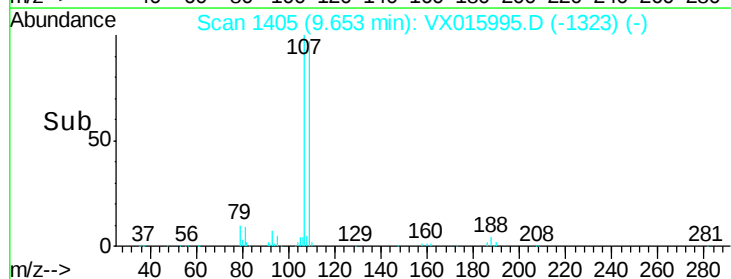
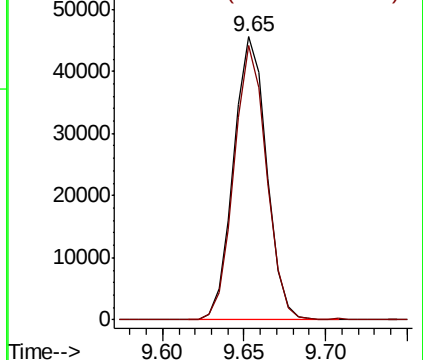
Ion Ratio Lower Upper

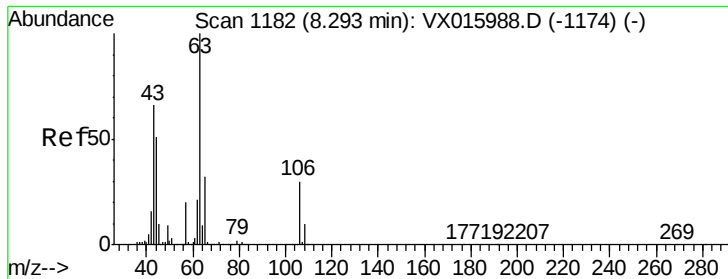
107 100

109 94.9 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 86.341 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

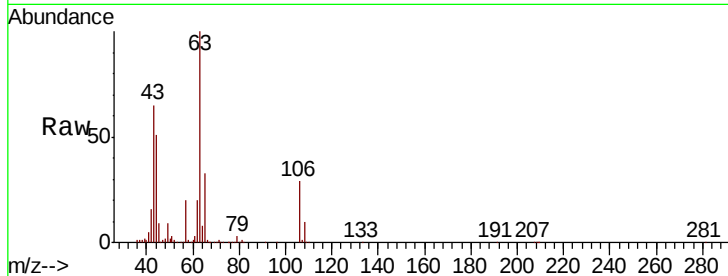
Tot Ion: 63 Resp: 245190

Ion Ratio Lower Upper

63 100

65 32.4 25.6 38.4

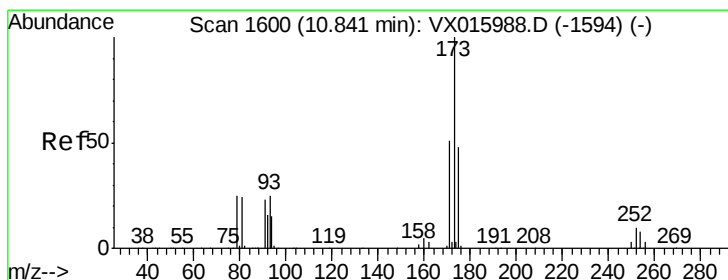
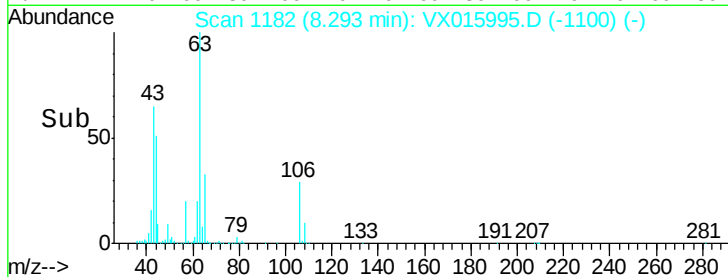
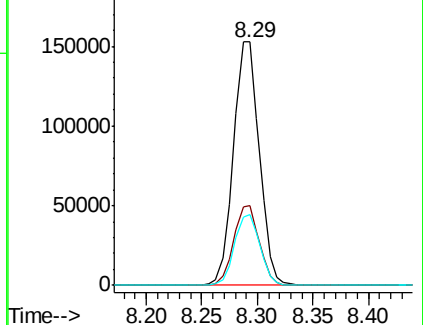
106 28.8 23.4 35.0



Abundance Ion 63.00 (62.70 to 63.70): VX015988.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): VX015988.D (-1174) (-)

Ion 106.00 (105.70 to 106.70): VX015988.D (-1174) (-)



#56

Bromoform

Concen: 17.527 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

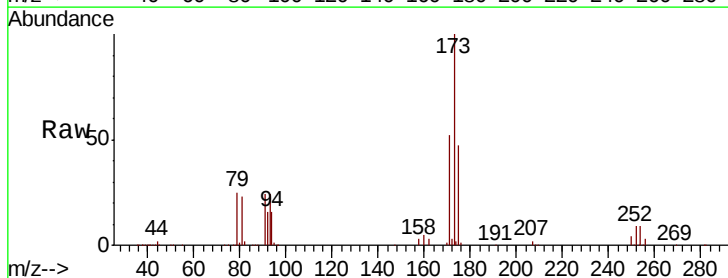
Tgt Ion: 173 Resp: 47494

Ion Ratio Lower Upper

173 100

175 48.5 38.0 57.0

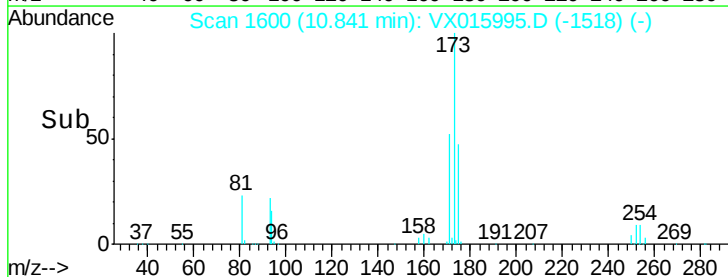
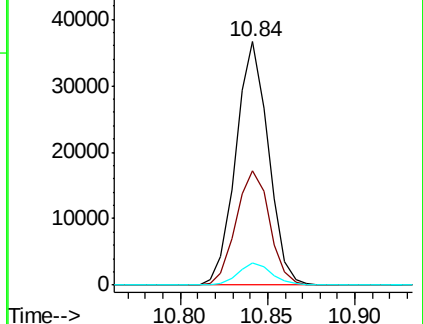
254 9.3 6.8 10.2



Abundance Ion 173.00 (172.70 to 173.70): VX015988.D (-1594) (-)

Ion 175.00 (174.70 to 175.70): VX015988.D (-1594) (-)

Ion 254.00 (253.70 to 254.70): VX015988.D (-1594) (-)

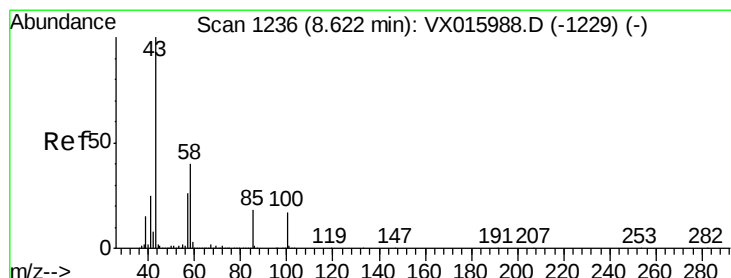
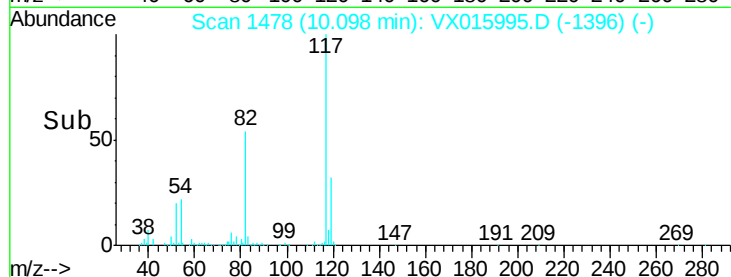
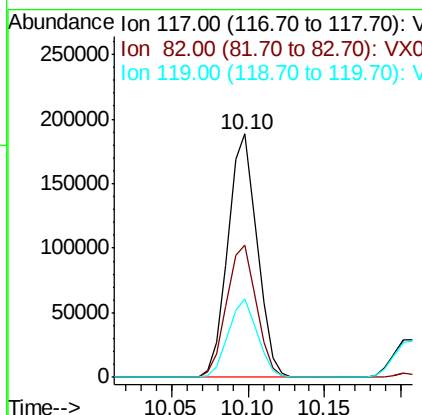
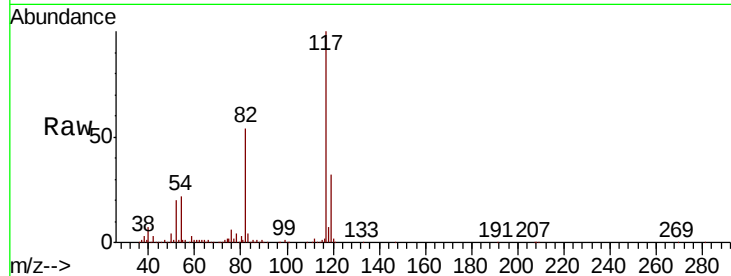




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

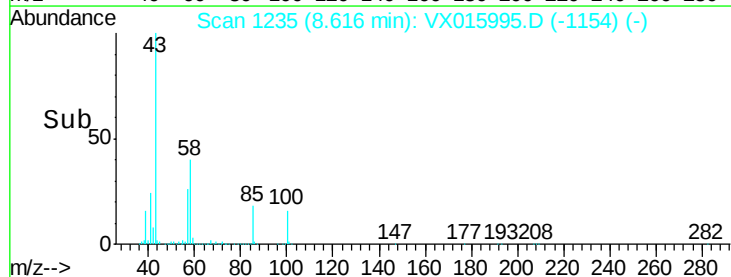
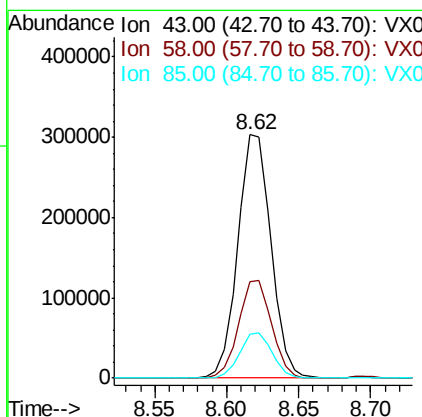
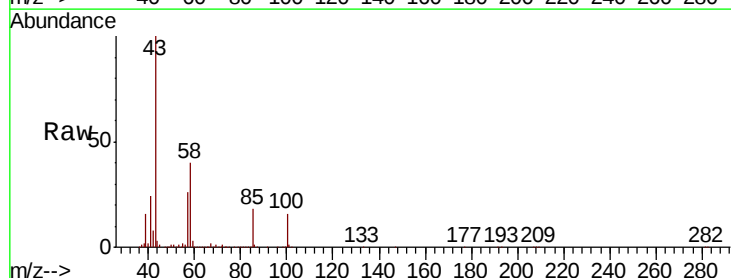
Instrument :
MSVOA_X
ClientSampleId :

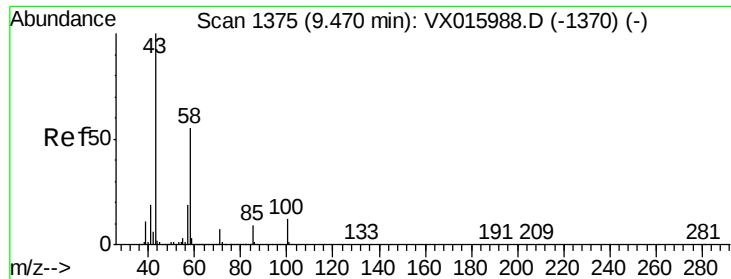
Tot Ion:117 Resp: 249946
Ion Ratio Lower Upper
117 100
82 55.6 45.1 67.7
119 32.1 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 98.238 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 43 Resp: 484215
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.6
85 18.3 14.5 21.7

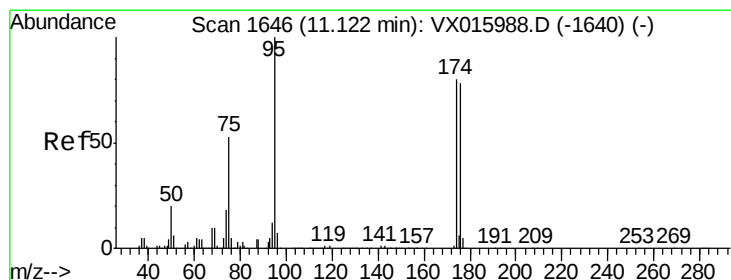
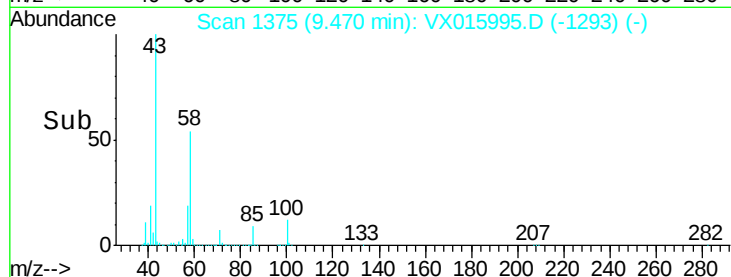
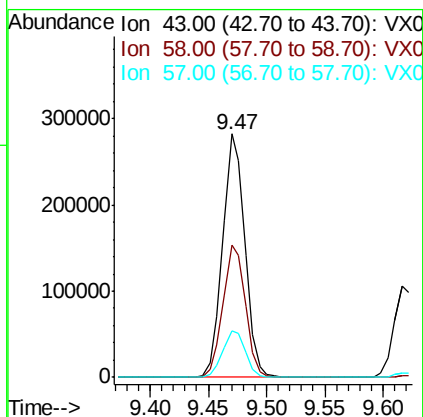
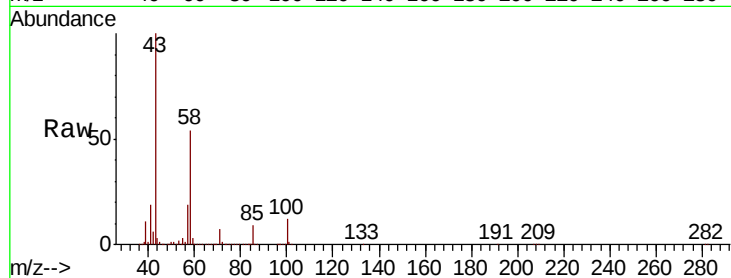




#59
2-Hexanone
Concen: 97.806 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

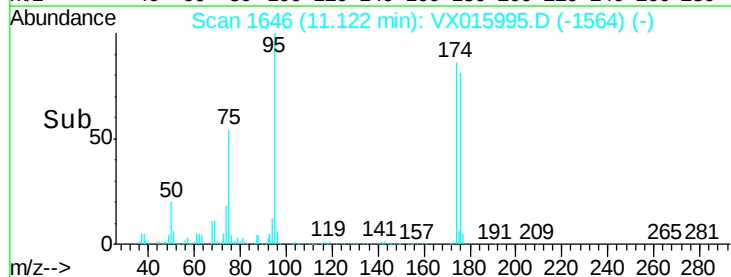
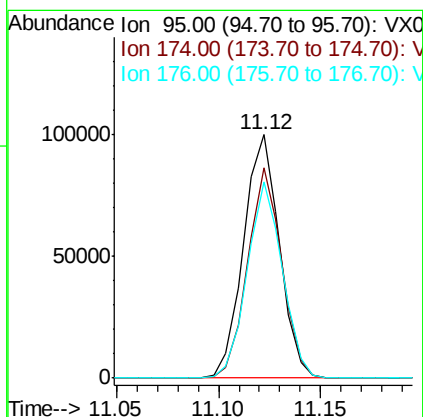
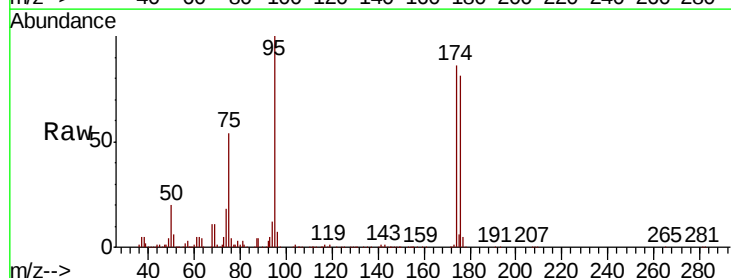
Instrument :
MSVOA_X
ClientSampled :

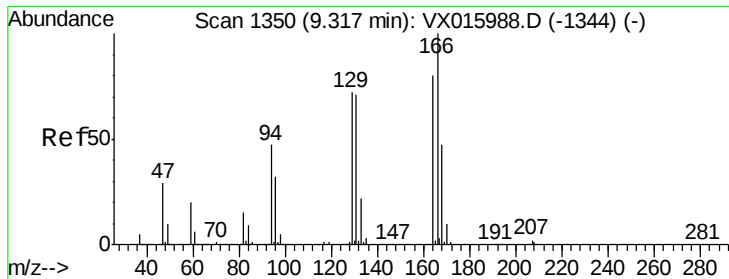
Tot Ion: 43 Resp: 372374
Ion Ratio Lower Upper
43 100
58 54.8 44.0 66.0
57 19.6 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.037 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 95 Resp: 121711
Ion Ratio Lower Upper
95 100
174 82.7 64.8 97.2
176 78.9 62.4 93.6





#61

Tetrachloroethene

Concen: 19.815 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 97969

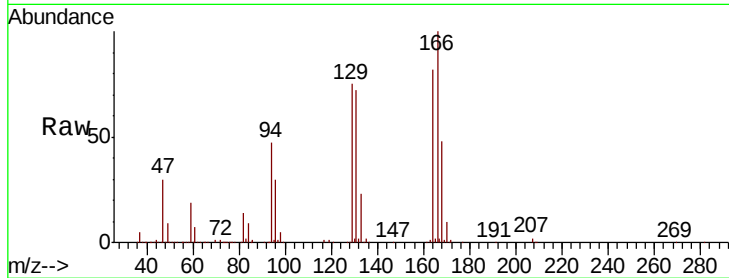
Ion Ratio Lower Upper

164 100

166 122.1 100.1 150.1

129 91.8 72.2 108.4

131 87.8 71.3 106.9

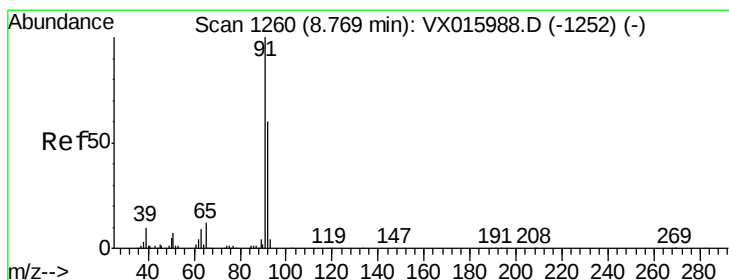
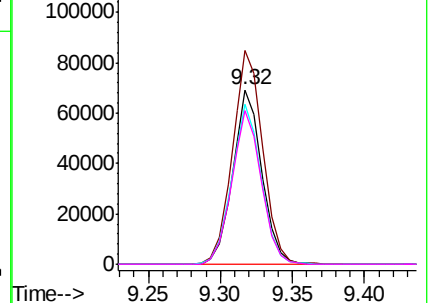
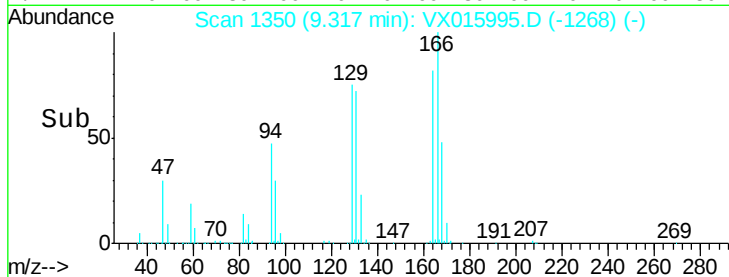


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.099 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX015995.D

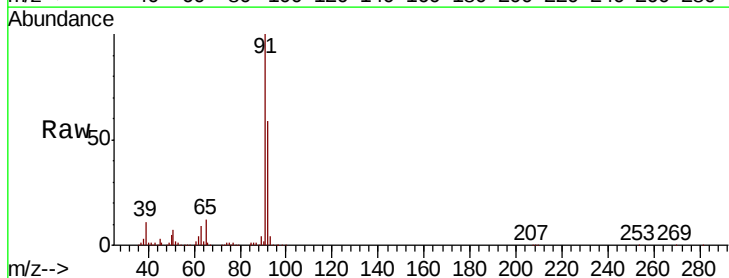
Acq: 30 Apr 2020 15:15

Tgt Ion: 91 Resp: 255028

Ion Ratio Lower Upper

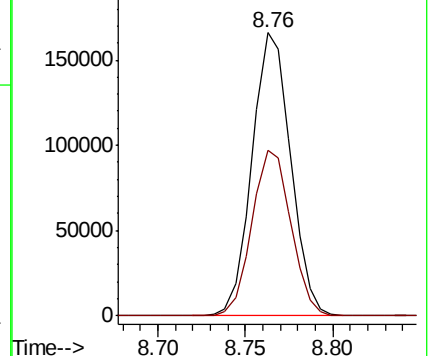
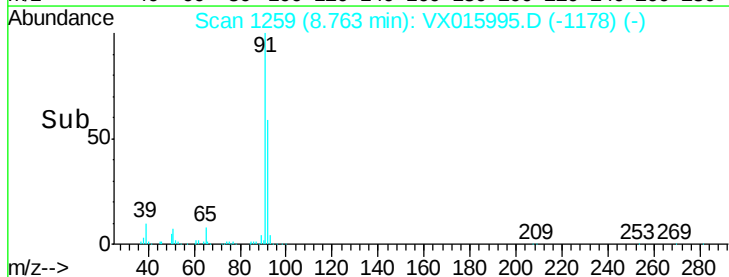
91 100

92 59.1 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.339 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

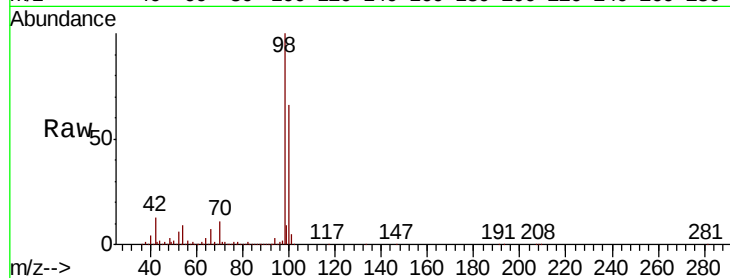
ClientSampleId :

Tot Ion: 98 Resp: 325310

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX015988.D (-1241) (-)

Ion 100.00 (99.70 to 100.70): VX015995.D (-1166) (-)

8.70

250000

200000

150000

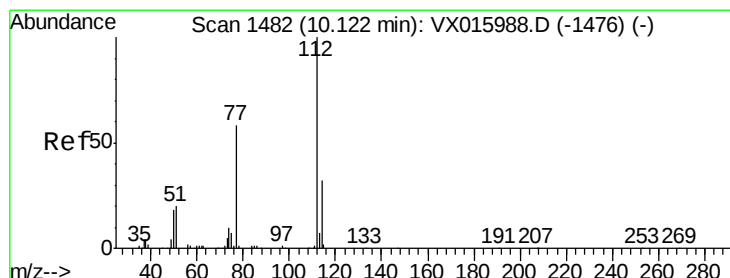
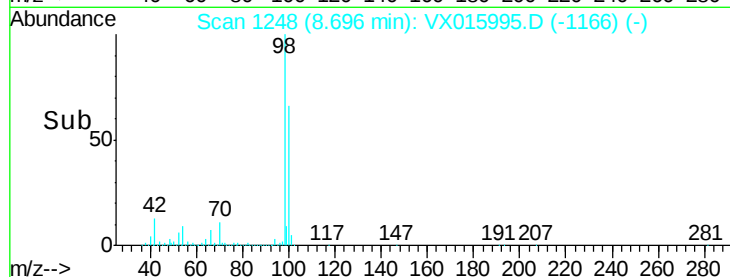
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 18.947 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015995.D

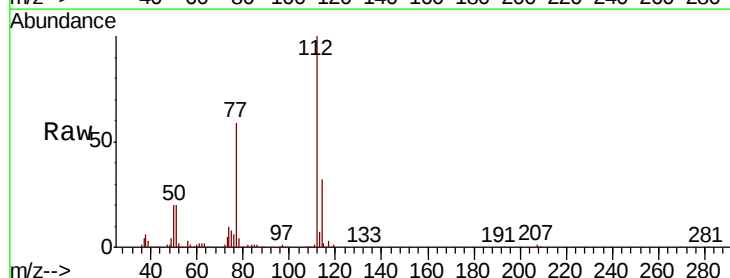
Acq: 30 Apr 2020 15:15

Tgt Ion: 112 Resp: 161094

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): VX015988.D (-1476) (-)

Ion 114.00 (113.70 to 114.70): VX015995.D (-1400) (-)

10.12

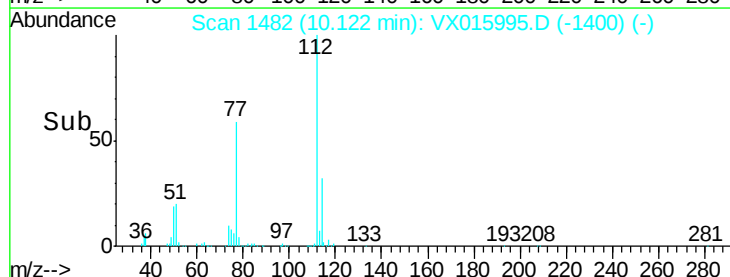
100000

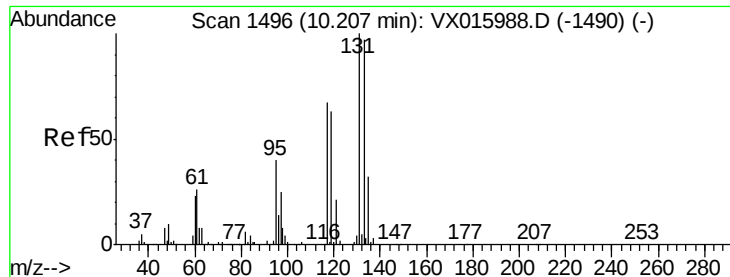
50000

0

10.05 10.10 10.15

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 18.809 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

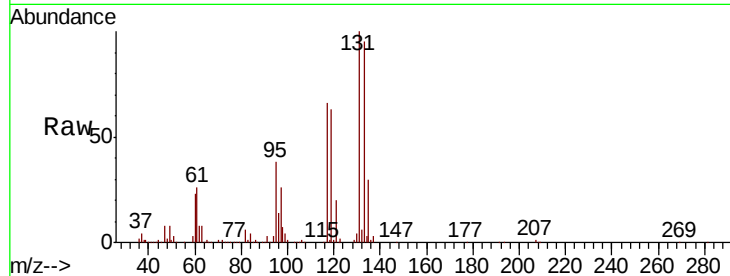
Tot Ion:131 Resp: 60712

Ion Ratio Lower Upper

131 100

133 95.5 0.0 187.0

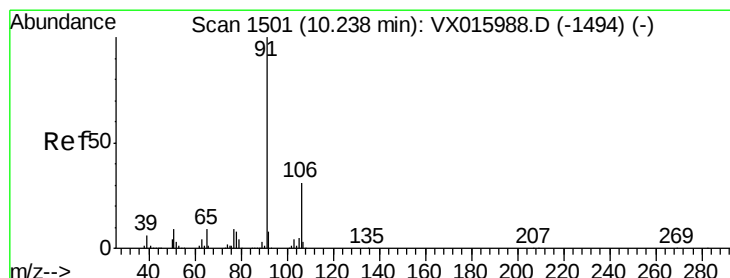
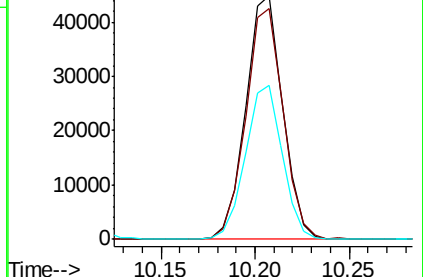
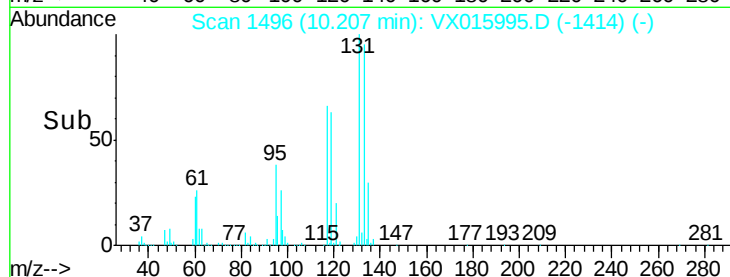
119 63.4 0.0 129.0



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: 18.941 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX015995.D

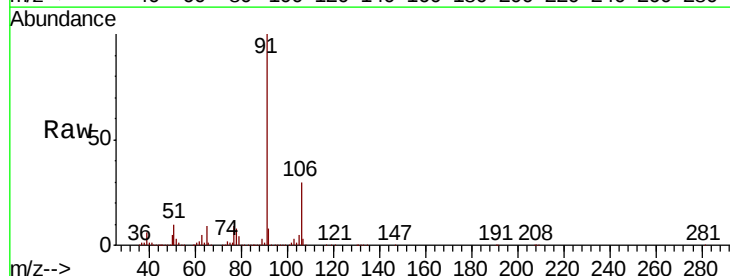
Acq: 30 Apr 2020 15:15

Tgt Ion: 91 Resp: 288002

Ion Ratio Lower Upper

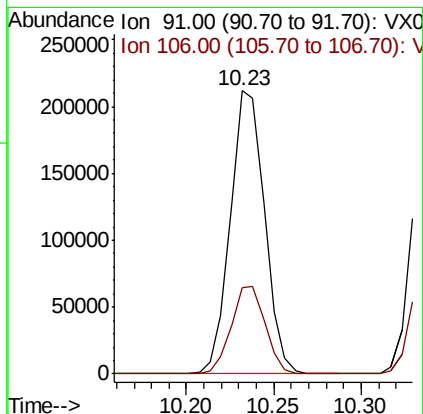
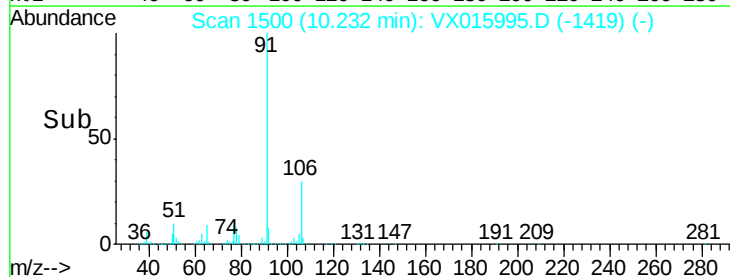
91 100

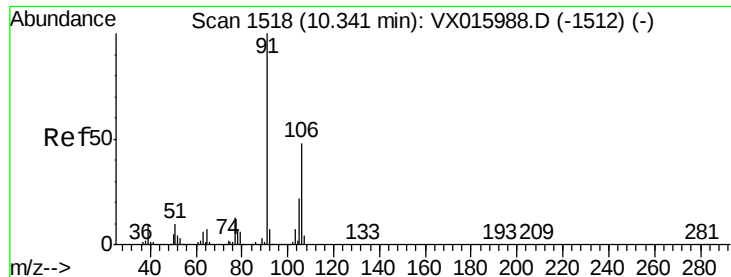
106 30.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.616 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

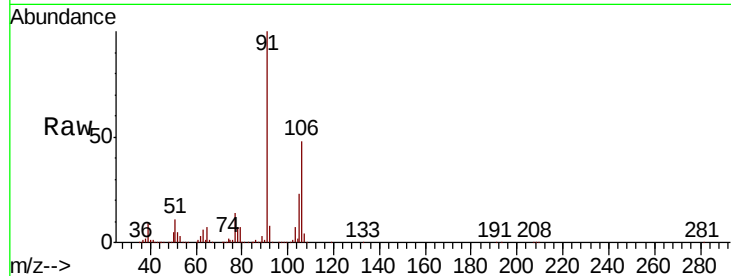
ClientSampleId :

Tot Ion:106 Resp: 217890

Ion Ratio Lower Upper

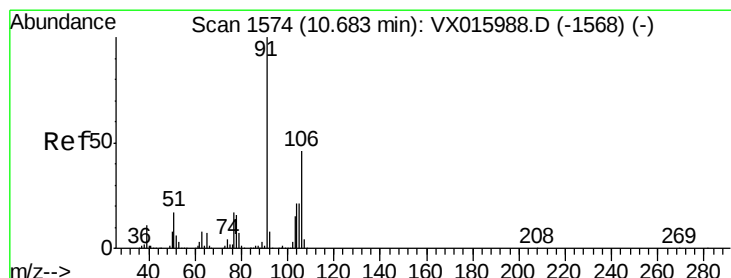
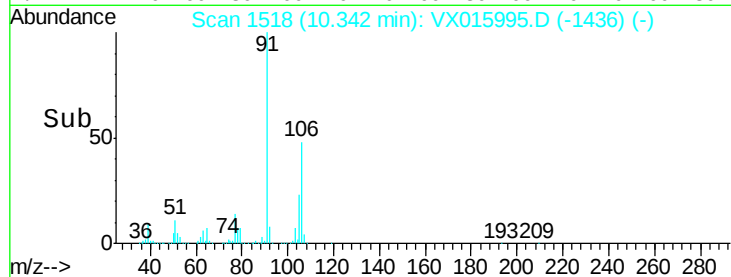
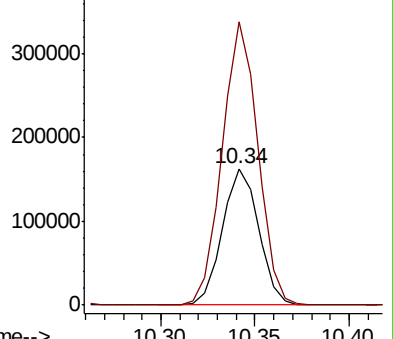
106 100

91 203.4 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.596 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015995.D

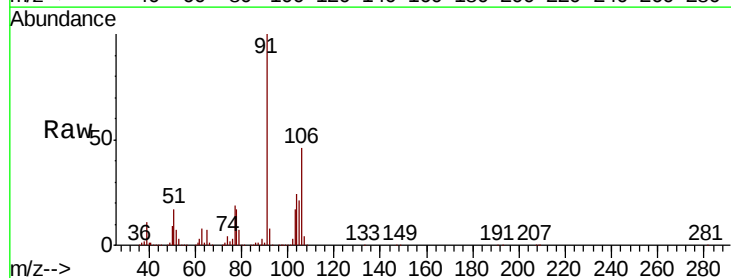
Acq: 30 Apr 2020 15:15

Tgt Ion:106 Resp: 103871

Ion Ratio Lower Upper

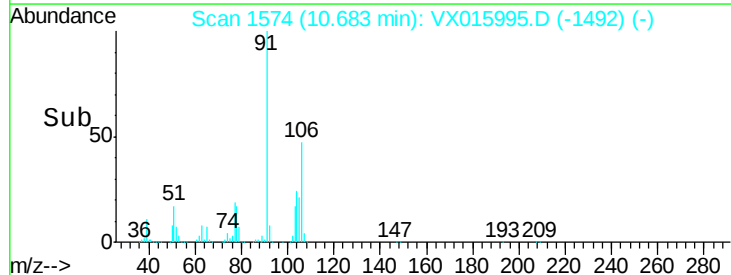
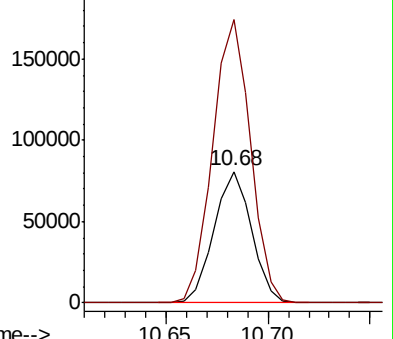
106 100

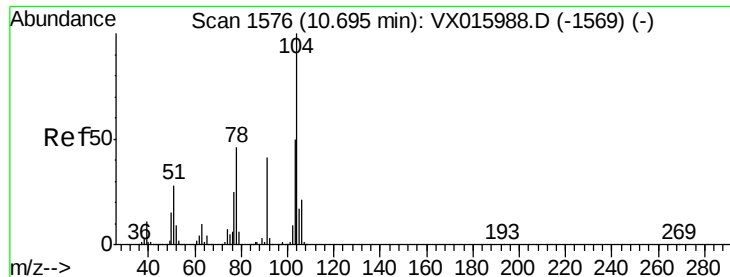
91 216.2 108.3 325.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.463 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

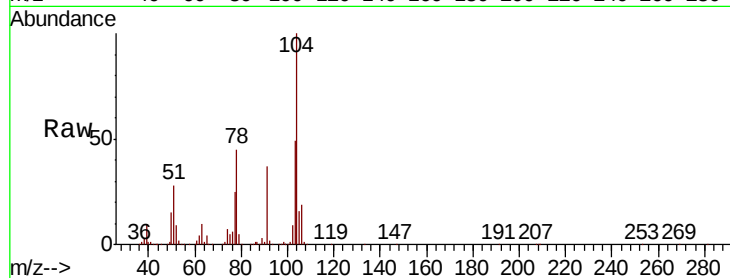
Tot Ion:104 Resp: 176505

Ion Ratio Lower Upper

104 100

78 50.8 40.7 61.1

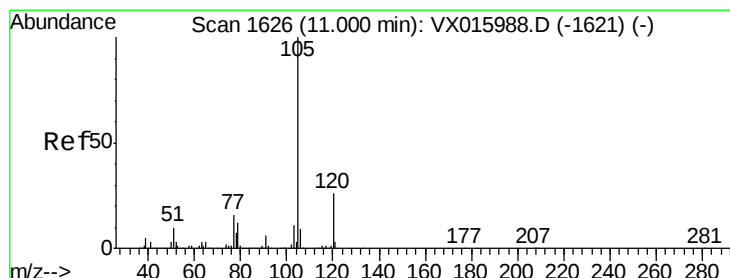
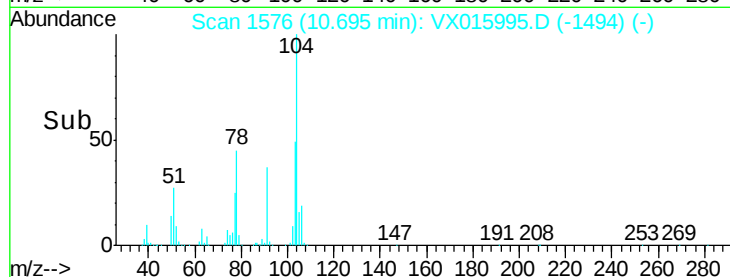
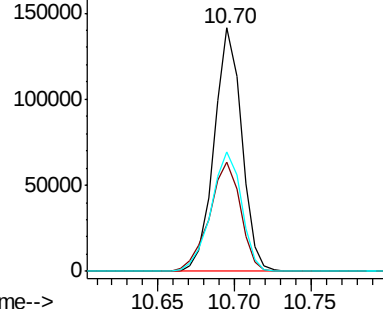
103 54.5 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.684 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX015995.D

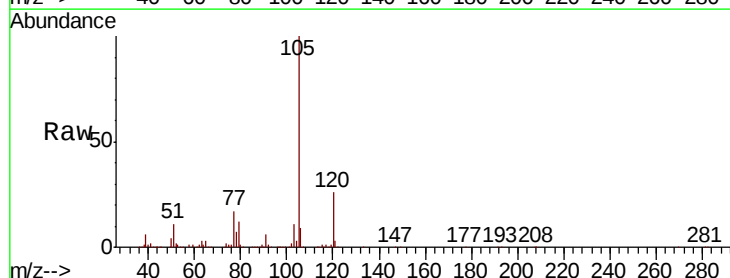
Acq: 30 Apr 2020 15:15

Tgt Ion:105 Resp: 281771

Ion Ratio Lower Upper

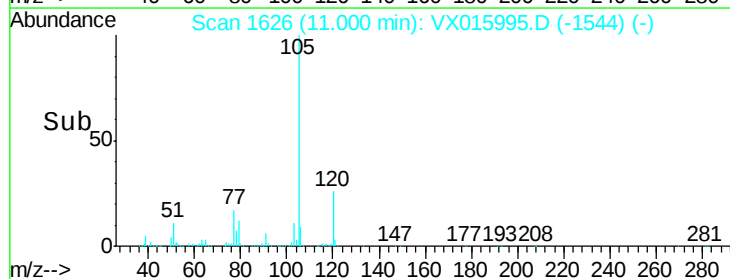
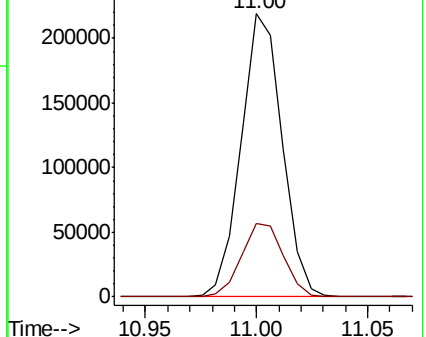
105 100

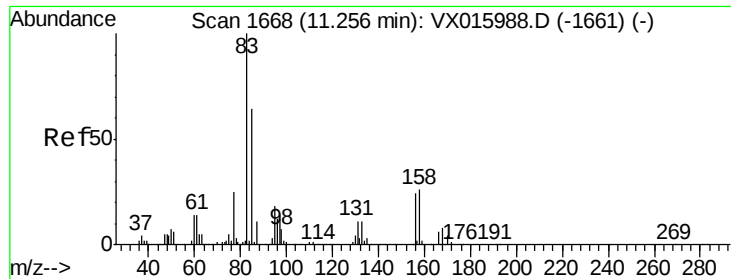
120 26.7 18.6 34.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 16.855 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

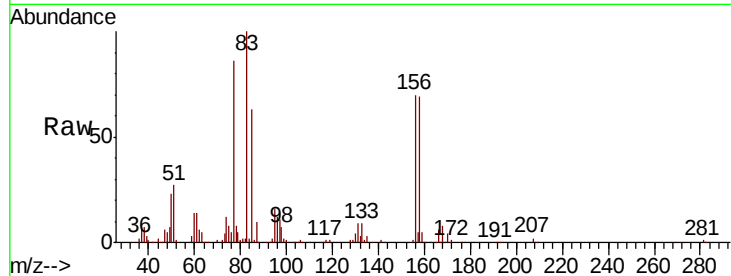
Tot Ion: 83 Resp: 47254

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

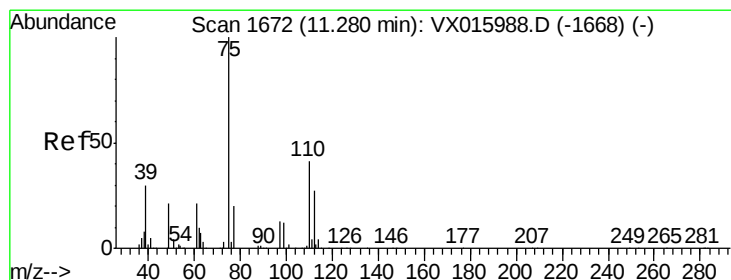
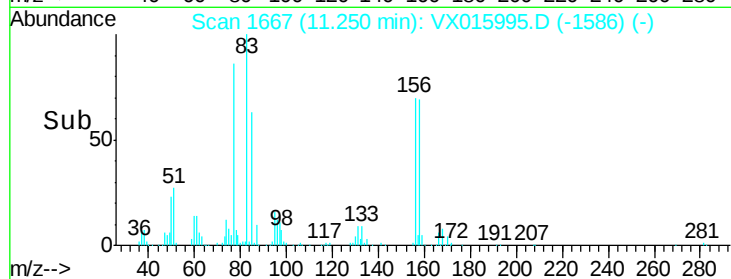
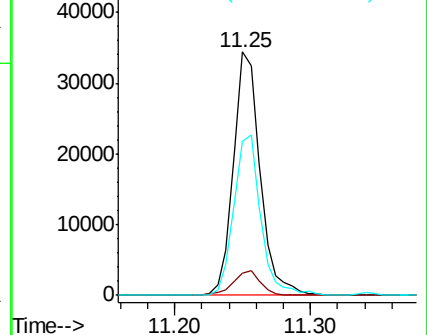
85 66.2 33.0 98.9



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: 25.968 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015995.D

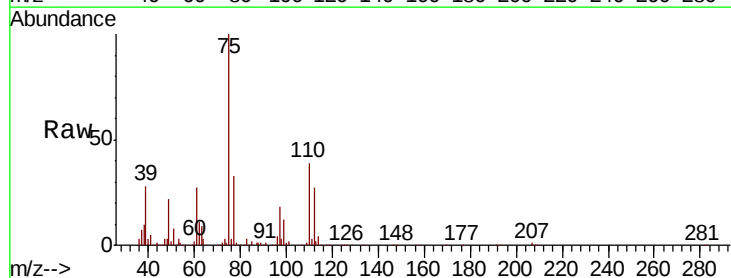
Acq: 30 Apr 2020 15:15

Tgt Ion: 75 Resp: 117913

Ion Ratio Lower Upper

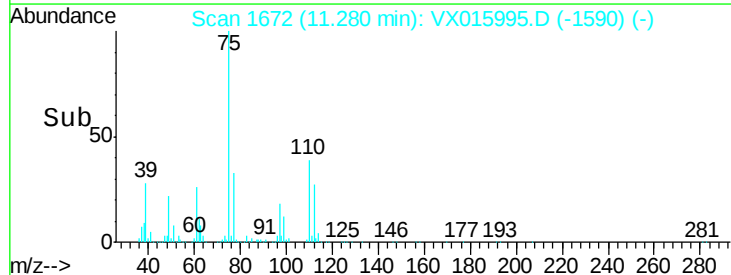
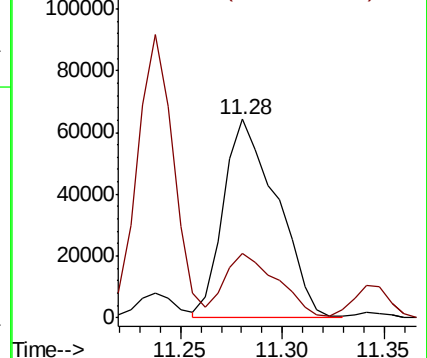
75 100

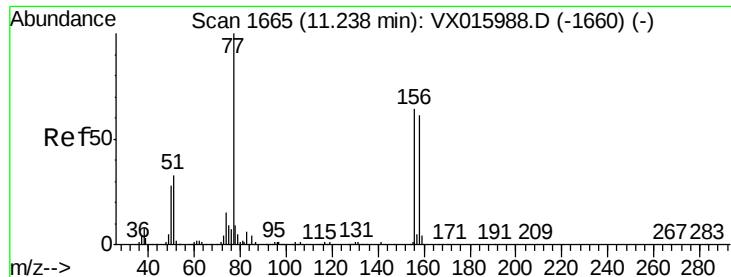
77 31.7 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.712 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

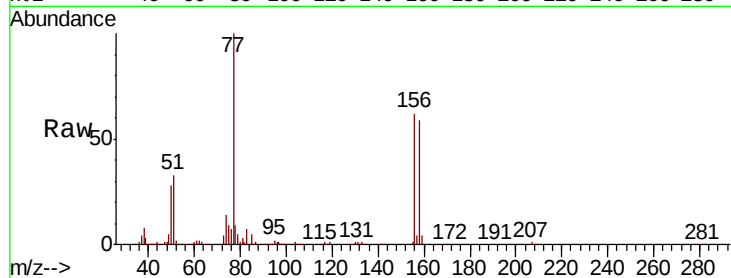
Tot Ion:156 Resp: 71111

Ion Ratio Lower Upper

156 100

77 159.4 0.0 318.0

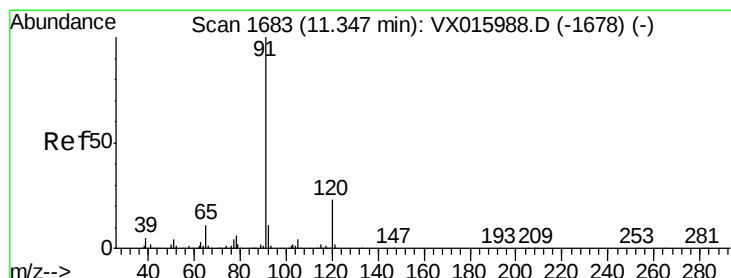
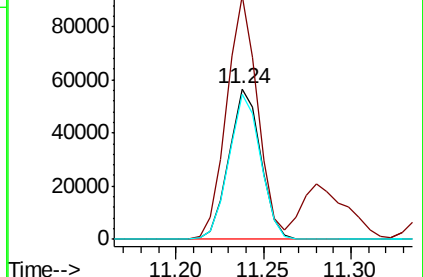
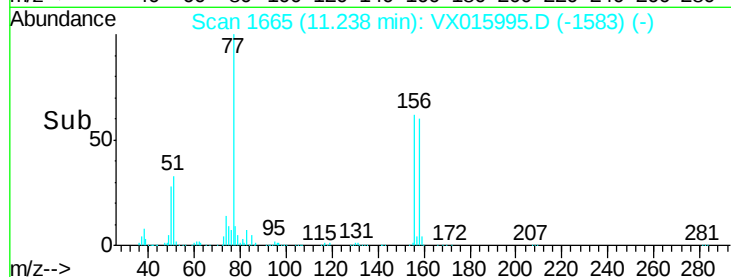
158 96.8 0.0 193.2



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: 18.711 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015995.D

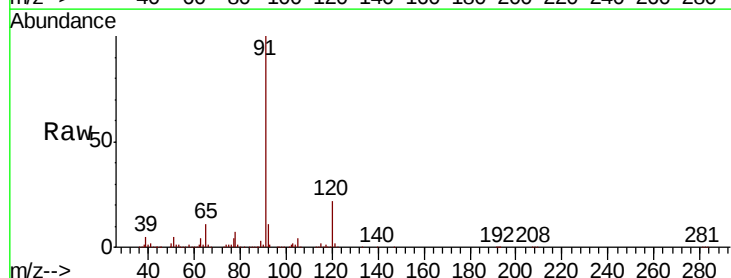
Acq: 30 Apr 2020 15:15

Tgt Ion: 91 Resp: 327767

Ion Ratio Lower Upper

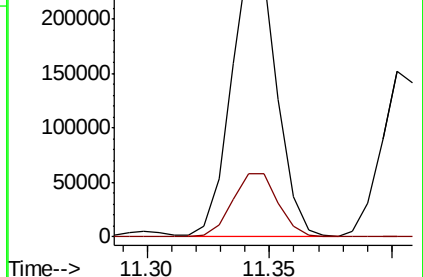
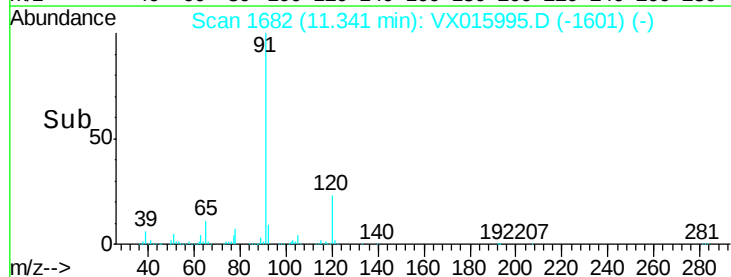
91 100

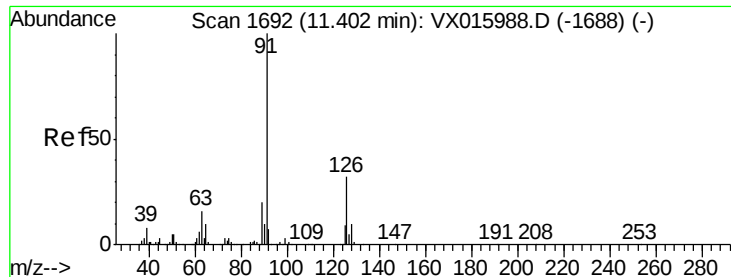
120 23.1 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.729 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

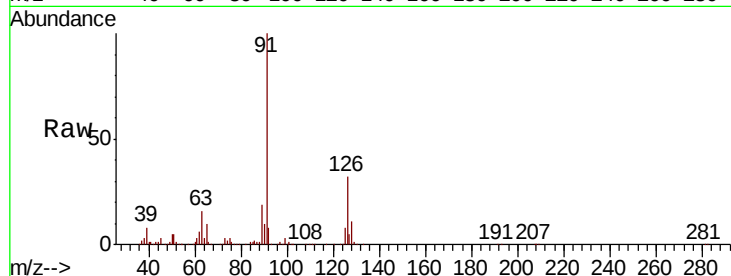
ClientSampleId :

Tot Ion: 91 Resp: 192787

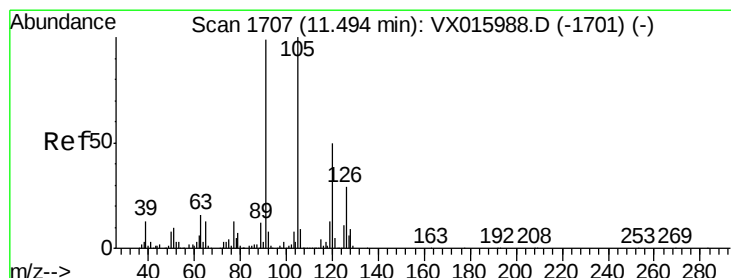
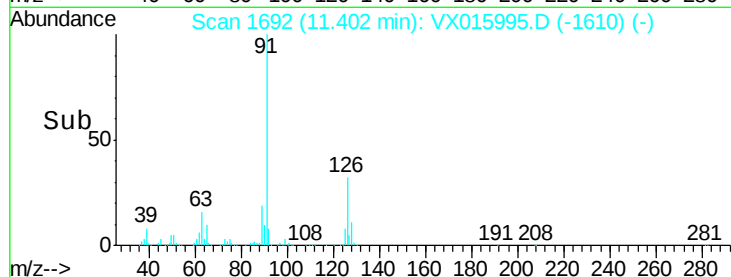
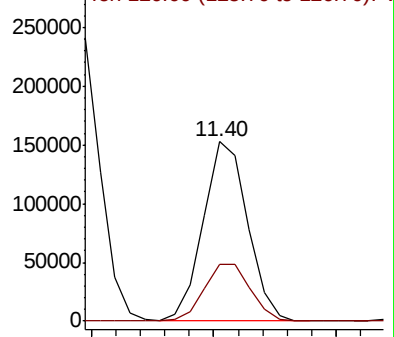
Ion Ratio Lower Upper

91 100

126 33.3 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.608 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015995.D

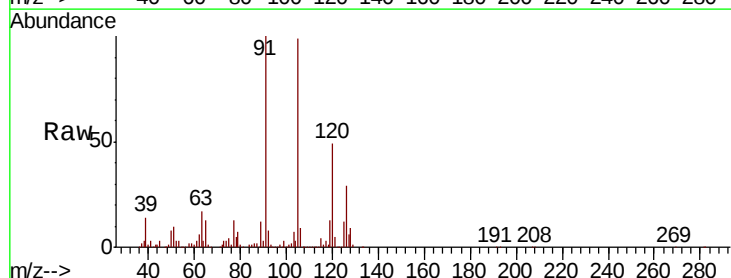
Acq: 30 Apr 2020 15:15

Tgt Ion:105 Resp: 238206

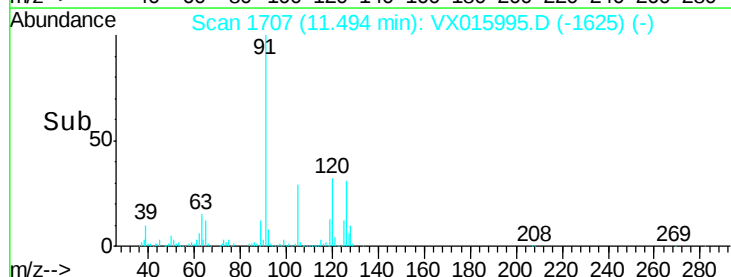
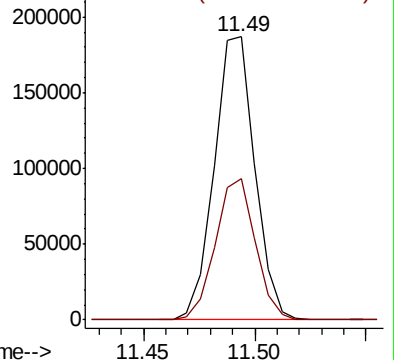
Ion Ratio Lower Upper

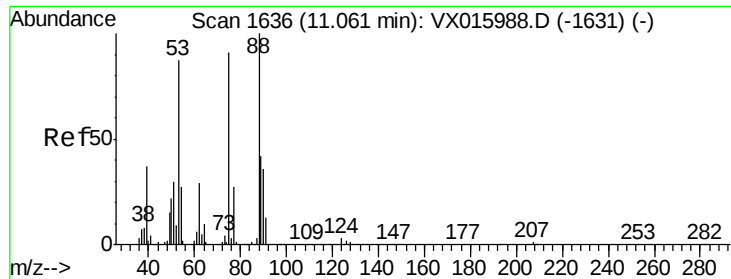
105 100

120 48.9 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)

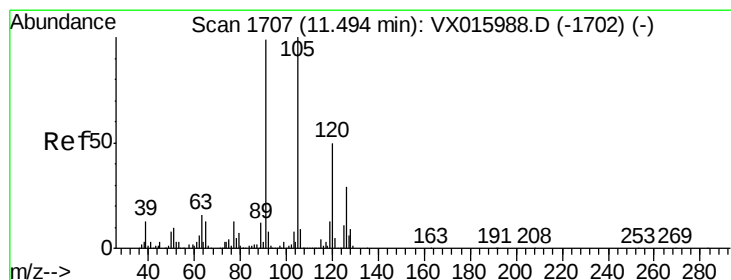
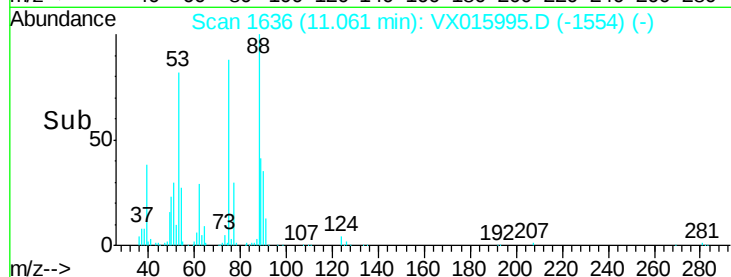
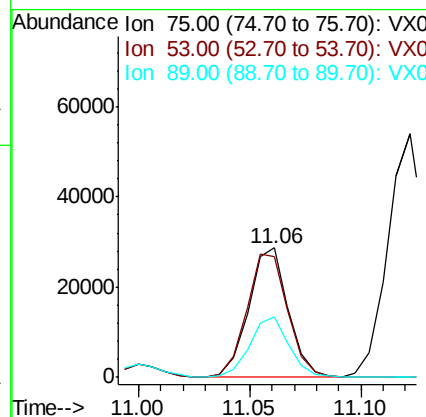
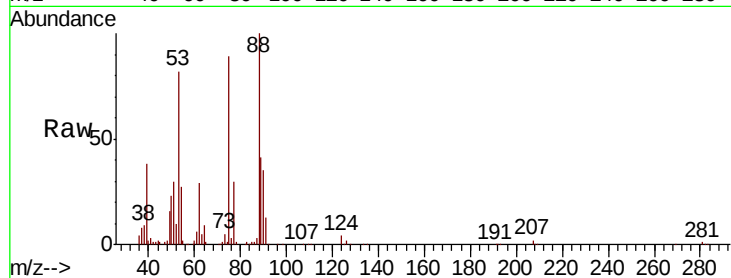




#77
t-1,4-Dichloro-2-butene
Concen: 18.080 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

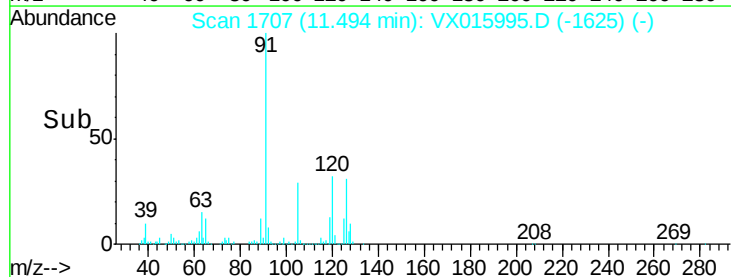
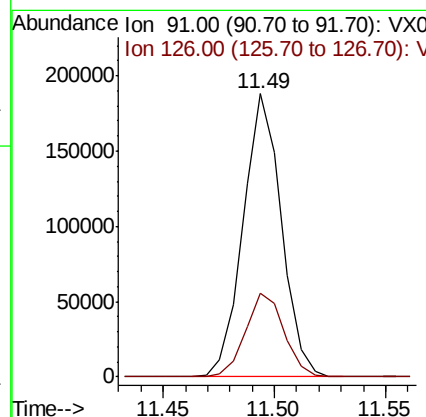
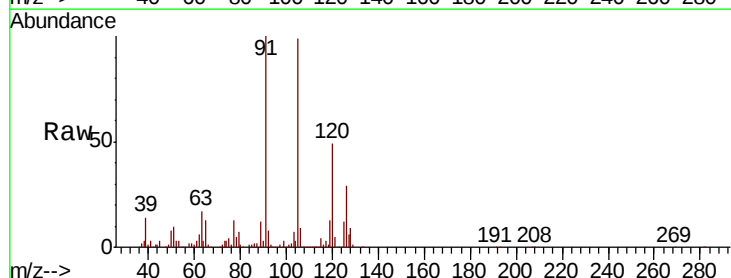
Instrument :
MSVOA_X
ClientSampleId :

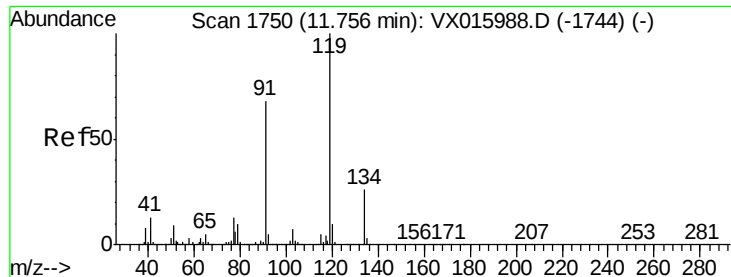
Tot Ion: 75 Resp: 35300
Ion Ratio Lower Upper
75 100
53 93.0 48.0 144.2
89 46.6 23.4 70.3



#78
4-Chlorotoluene
Concen: 18.498 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 91 Resp: 225388
Ion Ratio Lower Upper
91 100
126 29.8 0.0 58.4





#79

tert-butylbenzene

Concen: 18.443 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

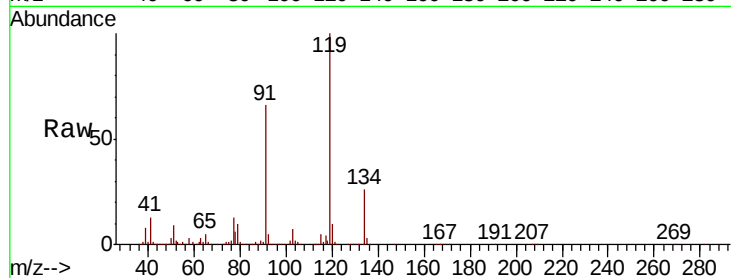
Tot Ion:119 Resp: 201641

Ion Ratio Lower Upper

119 100

91 66.6 0.0 135.6

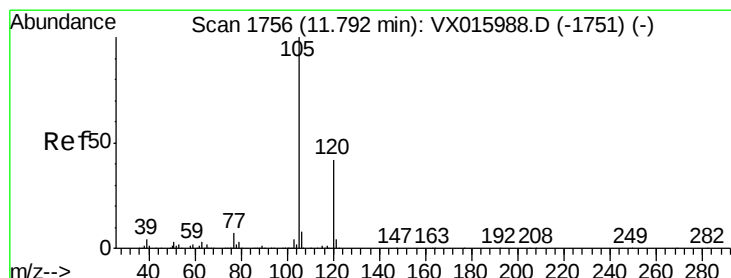
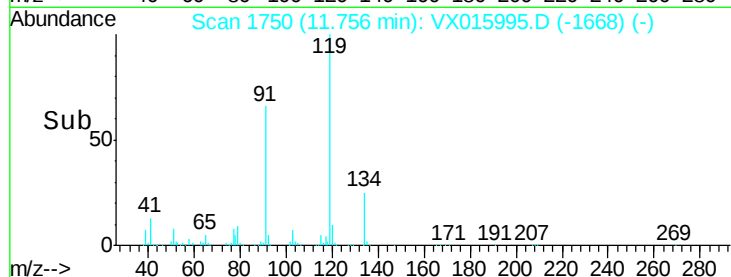
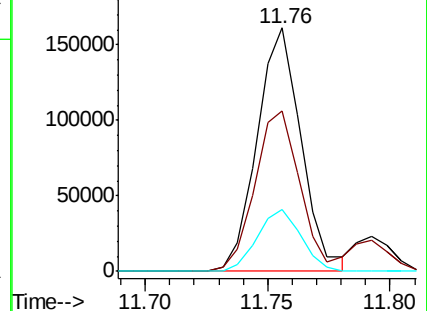
134 25.1 0.0 51.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.594 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015995.D

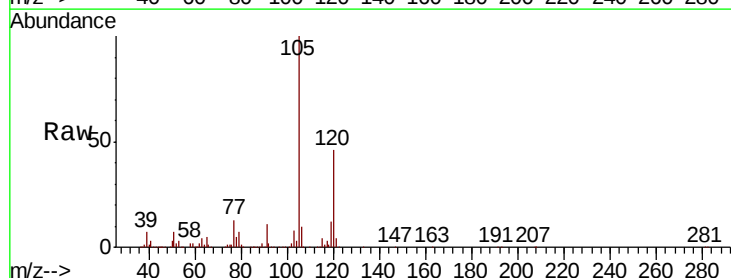
Acq: 30 Apr 2020 15:15

Tgt Ion:105 Resp: 237799

Ion Ratio Lower Upper

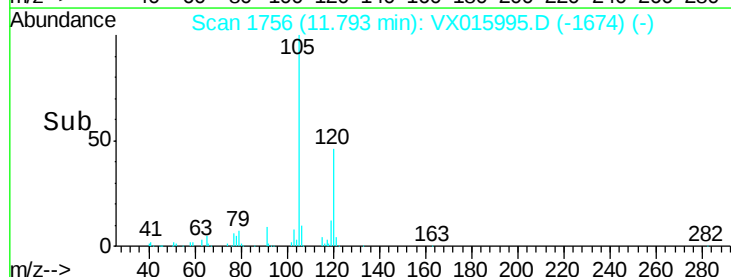
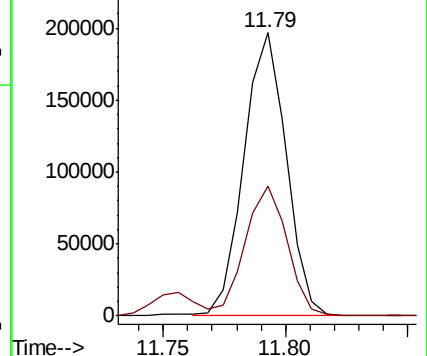
105 100

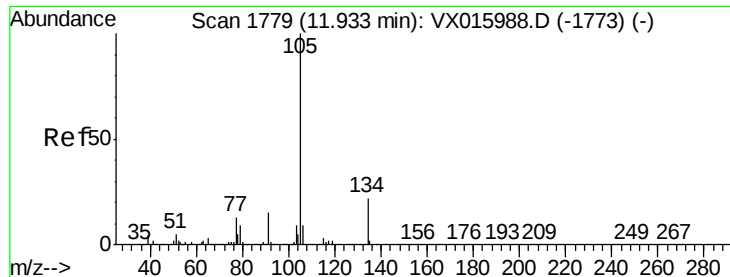
120 45.7 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

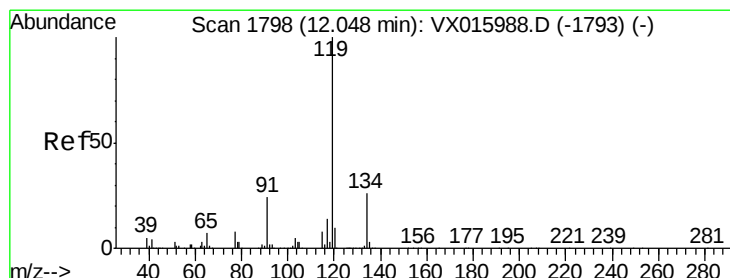
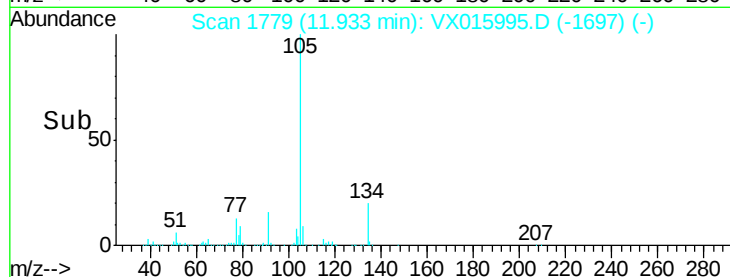
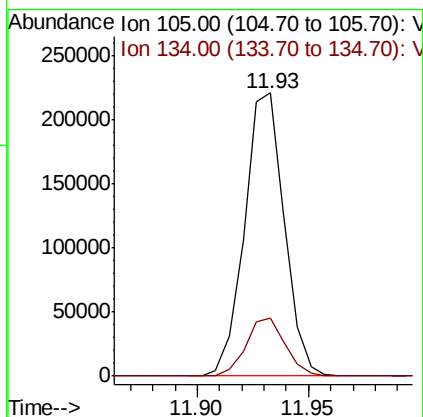
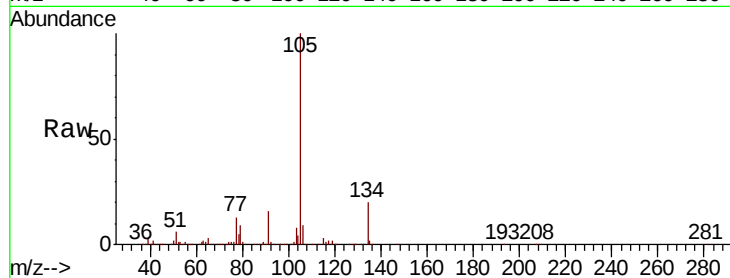




#81
 sec-Butylbenzene
 Concen: 18.656 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

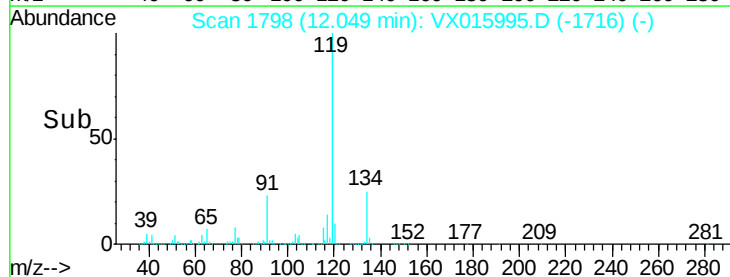
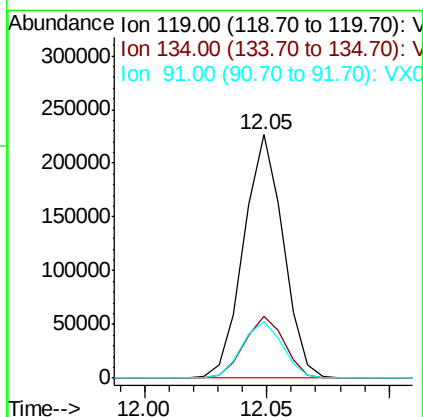
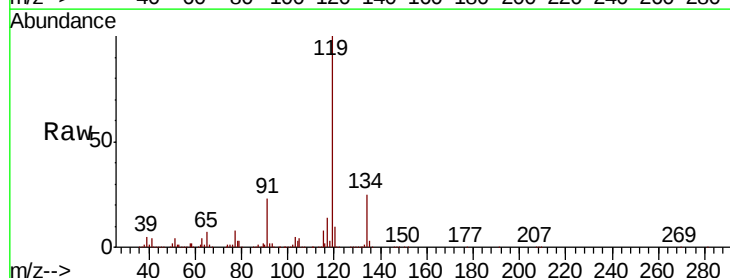
Instrument :
 MSVOA_X
 ClientSampleId :

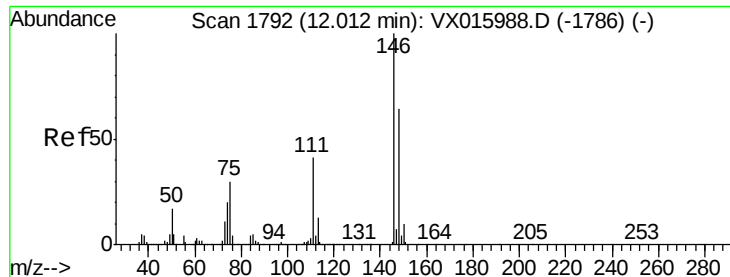
Tot Ion:105 Resp: 275102
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.630 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion:119 Resp: 254574
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 23.9 0.0 47.6

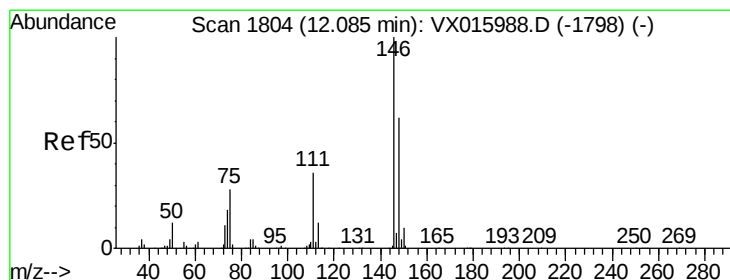
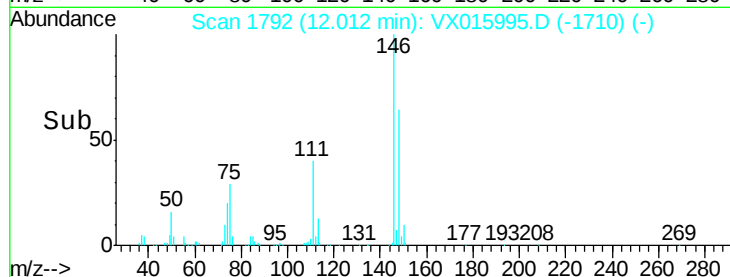
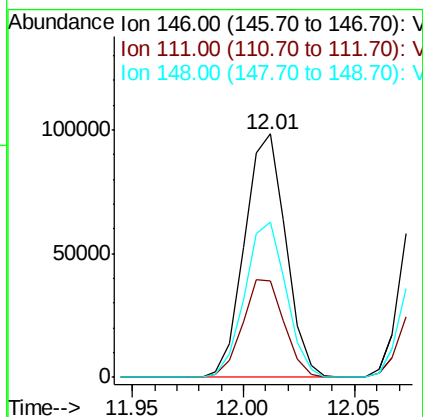
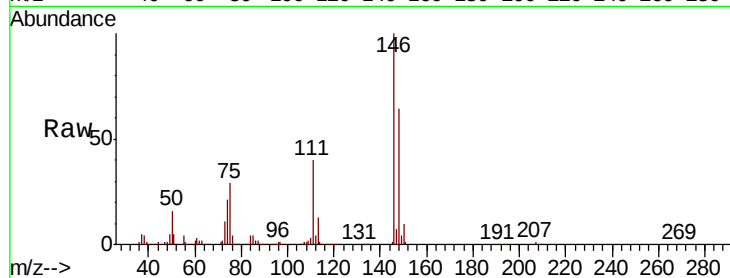




#83
 1,3-Dichlorobenzene
 Concen: 18.590 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

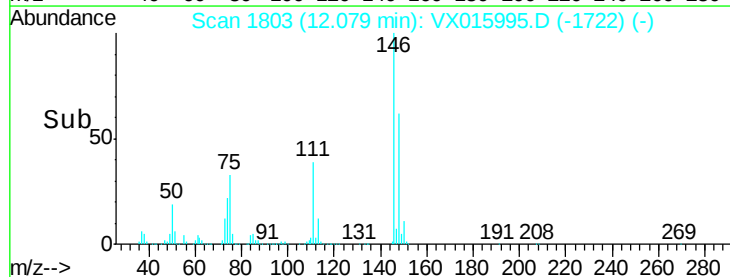
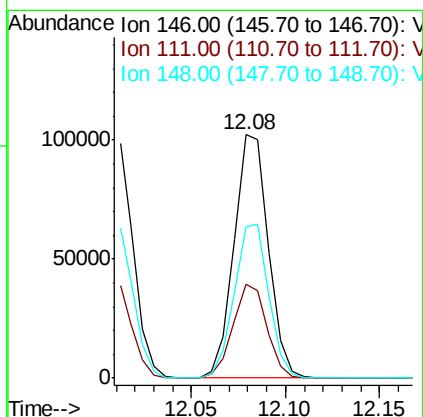
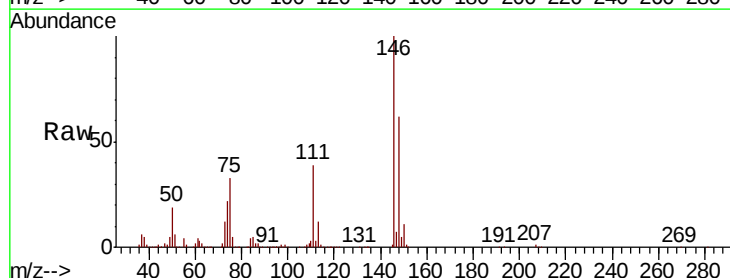
Instrument :
 MSVOA_X
 ClientSampleId :

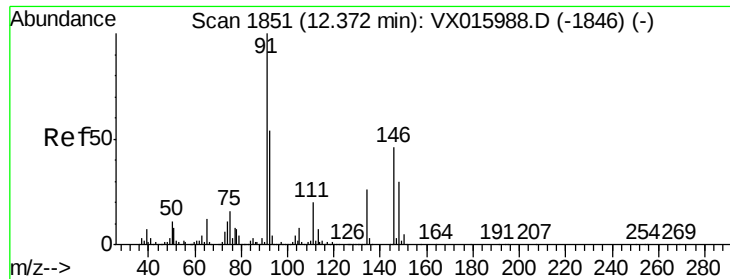
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.7	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.928 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.7	59.0
148	63.3	32.0	96.0

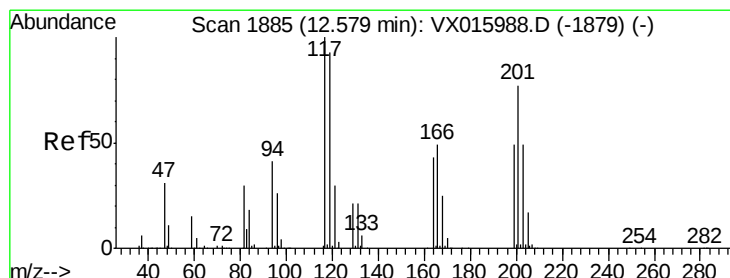
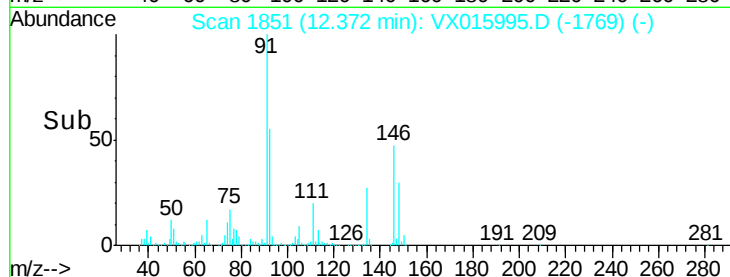
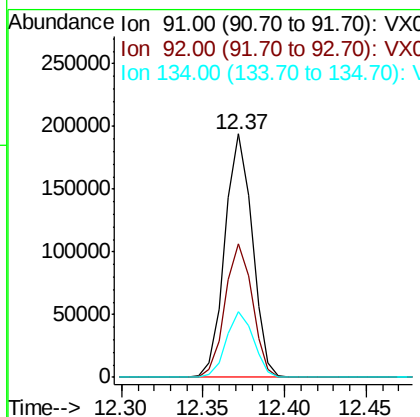
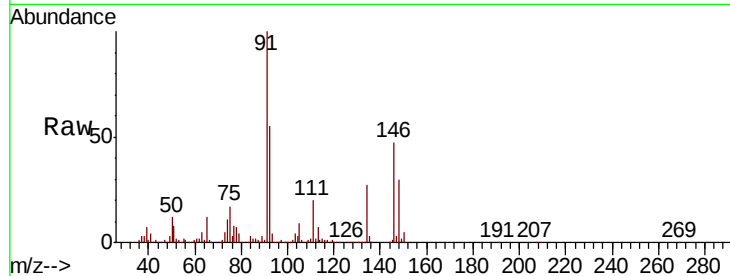




#85
n-Butylbenzene
Concen: 18.142 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

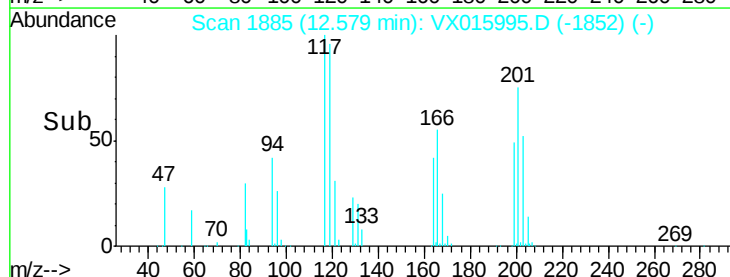
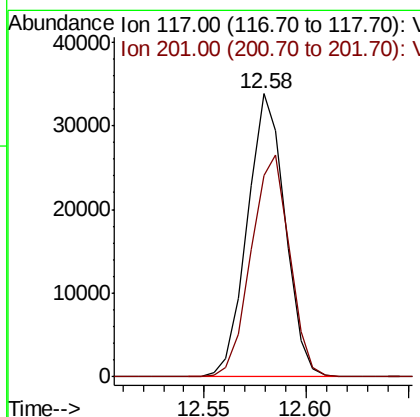
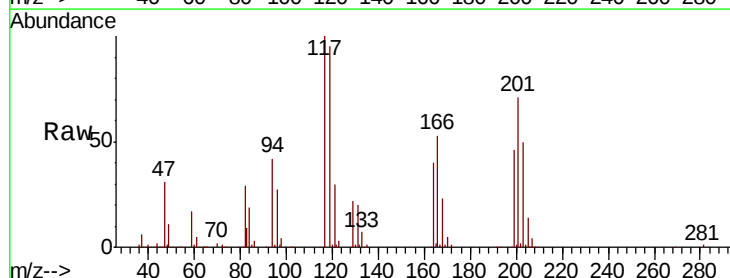
Instrument :
MSVOA_X
ClientSampled :

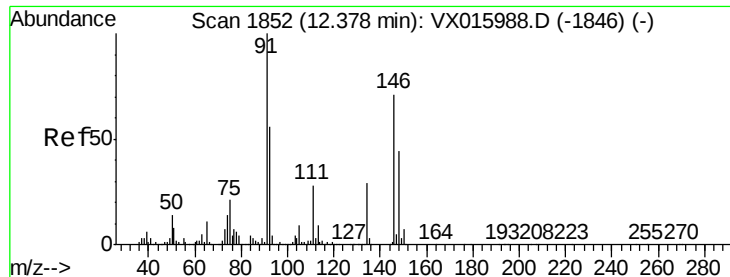
Tot Ion: 91 Resp: 226459
Ion Ratio Lower Upper
91 100
92 54.7 0.0 110.2
134 26.9 0.0 53.4



#86
Hexachloroethane
Concen: 18.107 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 117 Resp: 43558
Ion Ratio Lower Upper
117 100
201 79.8 40.1 120.2





#87

1,2-Dichlorobenzene

Concen: 18.634 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

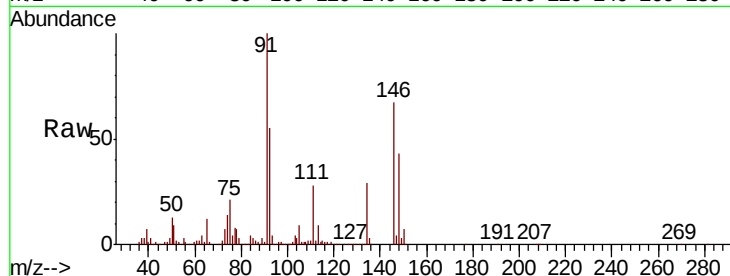
Tot Ion:146 Resp: 123480

Ion Ratio Lower Upper

146 100

111 42.1 20.7 62.1

148 64.5 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

120000

100000

80000

60000

40000

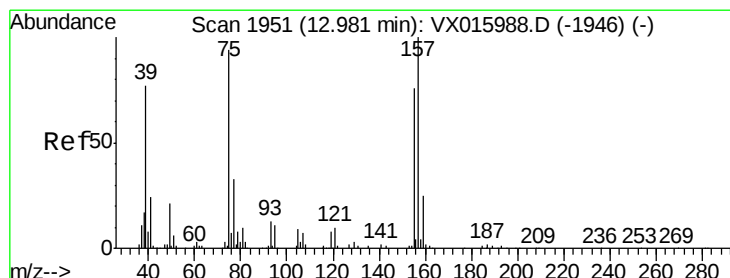
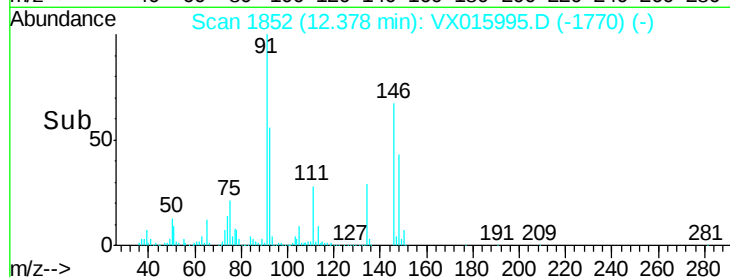
20000

0

12.35

12.40

Time-->



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.554 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

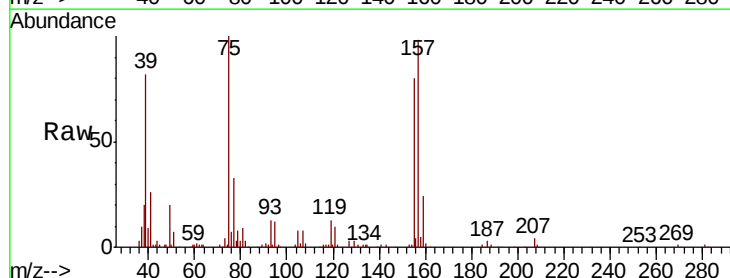
Tgt Ion: 75 Resp: 21766

Ion Ratio Lower Upper

75 100

155 83.4 66.9 100.3

157 106.9 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

25000

20000

15000

10000

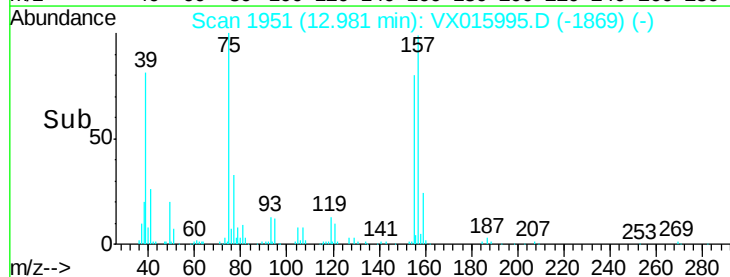
5000

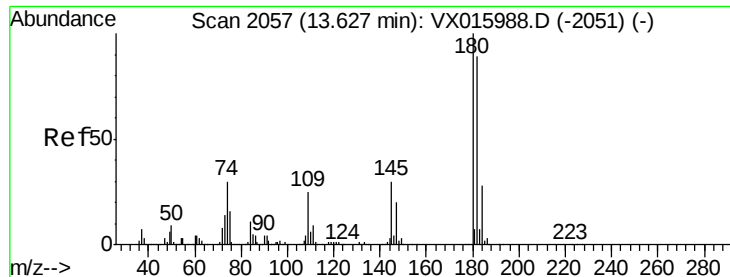
0

12.95

13.00

Time-->

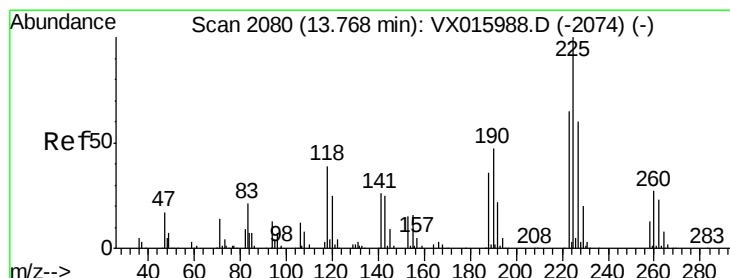
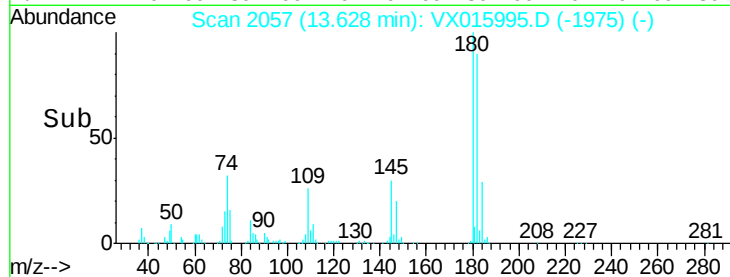
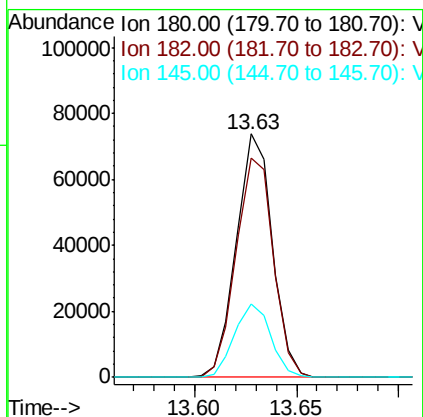
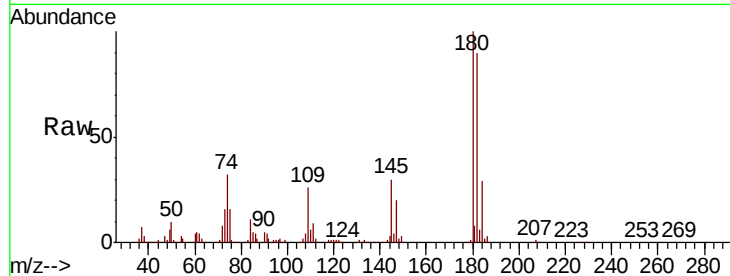




#89
 1,2,4-Trichlorobenzene
 Concen: 18.494 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

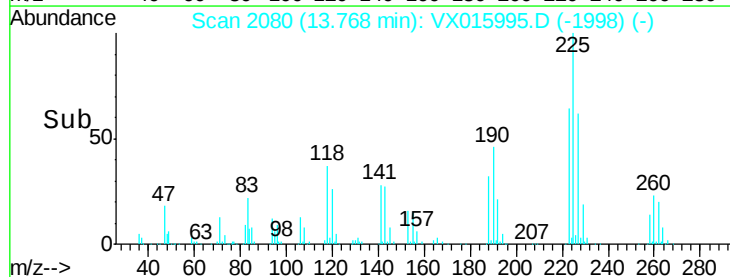
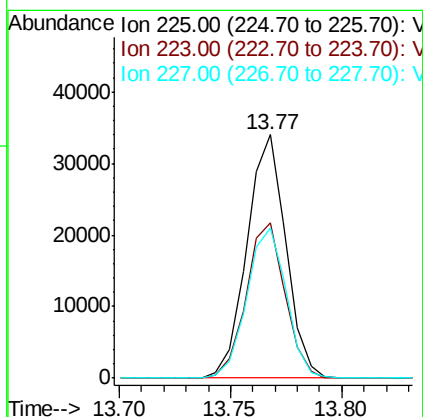
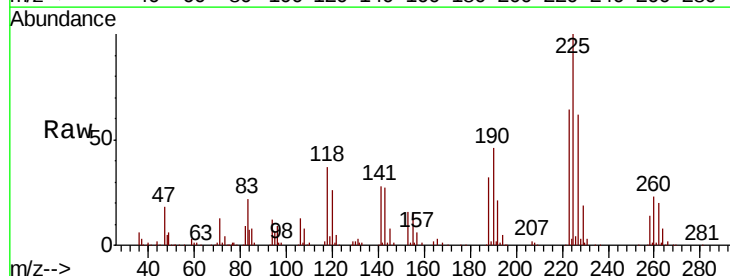
Instrument :
 MSVOA_X
 ClientSampleId :

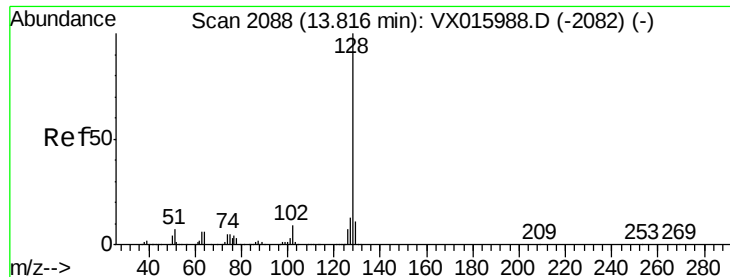
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	30.5	23.9	35.9



#90
 Hexachlorobutadiene
 Concen: 19.803 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	123.6
227	62.3	0.0	123.6





#91

Naphthalene

Concen: 19.202 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

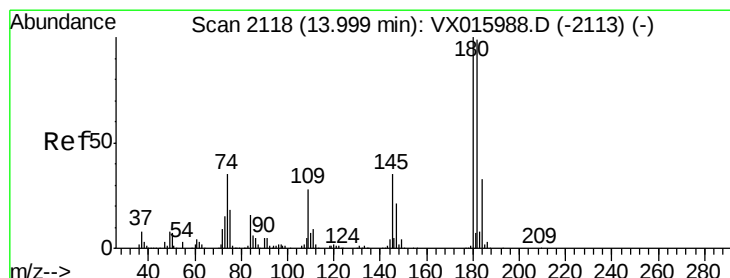
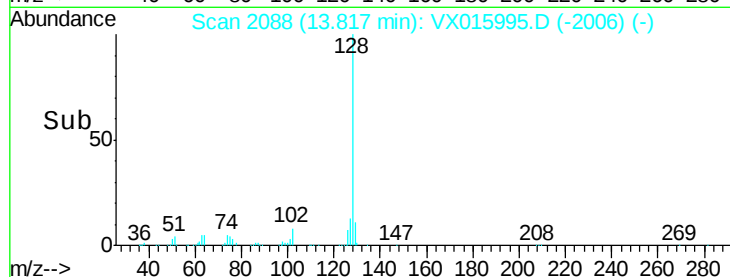
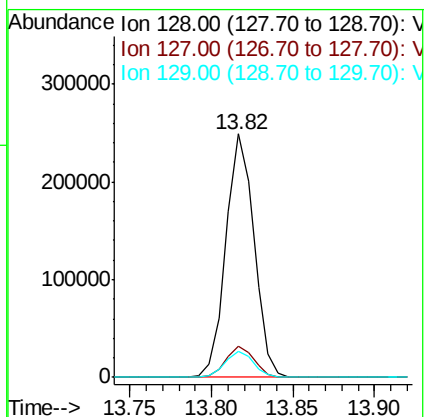
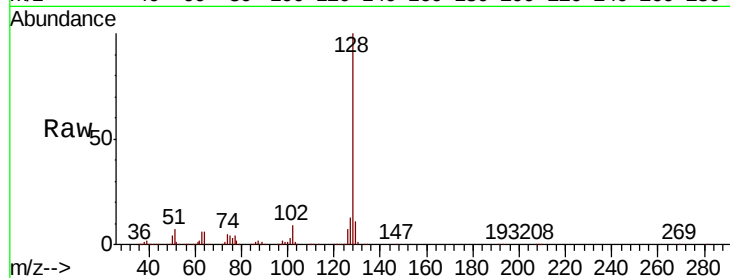
Tot Ion:128 Resp: 298380

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 18.842 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:180 Resp: 88354

Ion Ratio Lower Upper

180 100

182 96.4 0.0 197.2

145 32.7 0.0 66.0

