

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX051420\
 Data File : VX016243.D
 Acq On : 14 May 2020 19:47
 Operator : JC/SP
 Sample : L2643-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Quant Time: May 15 01:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	398382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	374104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195810	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	149369	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.47	113	119227	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	8.70	98	467482	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.12	95	184842	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	130583	50.46	ug/l	100
3) Chloromethane	1.31	50	138264	46.00	ug/l	99
4) Vinyl Chloride	1.39	62	150350	46.89	ug/l	100
5) Bromomethane	1.62	94	68124	42.14	ug/l	98
6) Chloroethane	1.70	64	91140	46.71	ug/l	99
7) Trichlorofluoromethane	1.91	101	196517	46.68	ug/l	99
8) Diethyl Ether	2.17	74	82760	46.66	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111952	46.09	ug/l	98
10) Methyl Iodide	2.49	142	124089	38.04	ug/l	100
11) Tert butyl alcohol	3.03	59	191648	235.56	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115912	45.61	ug/l	98
13) Acrolein	2.27	56	128667	252.72	ug/l	99
14) Allyl chloride	2.70	41	211269	45.34	ug/l	95
15) Acrylonitrile	3.12	53	412950	244.67	ug/l	99
16) Acetone	2.42	43	328186	228.61	ug/l	96
17) Carbon Disulfide	2.55	76	332155	43.49	ug/l	99
18) Methyl Acetate	2.75	43	169241	47.95	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	440690	50.30	ug/l	98
20) Methylene Chloride	2.83	84	137013	46.30	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	131640	46.48	ug/l	98
22) Diisopropyl ether	3.82	45	419958	47.77	ug/l	96
23) Vinyl Acetate	3.78	43	1768625	228.66	ug/l	99
24) 1,1-Dichloroethane	3.67	63	238329	48.46	ug/l	99
25) 2-Butanone	4.64	43	564065	243.84	ug/l	99
26) 2,2-Dichloropropane	4.55	77	191663	42.67	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	169815	54.84	ug/l	95
28) Bromochloromethane	4.98	49	103459	46.13	ug/l	97
29) Tetrahydrofuran	5.09	42	368839	240.63	ug/l	97
30) Chloroform	5.18	83	243573	49.74	ug/l	98
31) Cyclohexane	5.55	56	205391	45.95	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	218332	49.05	ug/l	99
36) 1,1-Dichloropropene	5.77	75	181803	46.36	ug/l	99
37) Ethyl Acetate	4.79	43	205981	45.32	ug/l	99
38) Carbon Tetrachloride	5.76	117	190273	47.74	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.44	83	207666	43.97	ug/l	100
40) Benzene	6.12	78	552659	48.17	ug/l	100
41) Methacrylonitrile	5.01	41	118019	48.08	ug/l	97
42) 1,2-Dichloroethane	6.17	62	194016	46.94	ug/l	99
43) Isopropyl Acetate	6.42	43	333151	45.94	ug/l	98
44) Trichloroethene	7.19	130	190869	46.82	ug/l	99
45) 1,2-Dichloropropane	7.49	63	143662	49.48	ug/l	98
46) Dibromomethane	7.64	93	96050	48.68	ug/l	99
47) Bromodichloromethane	7.88	83	197684	49.19	ug/l	99
48) Methyl methacrylate	7.75	41	162213	47.21	ug/l	95
49) 1,4-Dioxane	7.72	88	78799	956.13	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1091360	245.93	ug/l	97
52) Toluene	8.77	92	352201	49.25	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	229646	47.93	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	239276	47.81	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	141830	50.40	ug/l	99
56) Ethyl methacrylate	9.16	69	233356	50.81	ug/l	94
57) 1,3-Dichloropropane	9.35	76	246472	50.20	ug/l	100
59) 2-Hexanone	9.48	43	845838	242.70	ug/l	97
60) Dibromochloromethane	9.57	129	161268	52.04	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151624	49.75	ug/l	99
64) Tetrachloroethene	9.32	164	200547	43.67	ug/l	98
65) Chlorobenzene	10.12	112	376487	48.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	143063	49.41	ug/l	99
67) Ethyl Benzene	10.24	91	674224	48.24	ug/l	100
68) m/p-Xylenes	10.34	106	509236	97.25	ug/l	98
69) o-Xylene	10.68	106	250379	49.74	ug/l	98
70) Styrene	10.70	104	424523	49.71	ug/l	100
71) Bromoform	10.84	173	127106	53.88	ug/l #	100
73) Isopropylbenzene	11.00	105	655933	46.06	ug/l	100
74) N-amyl acetate	10.88	43	287239	43.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	176626	61.37	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	285204	64.19	ug/l	84
77) Bromobenzene	11.24	156	171576	46.67	ug/l	99
78) n-propylbenzene	11.34	91	761734	45.97	ug/l	100
79) 2-Chlorotoluene	11.41	91	452793	46.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	560549	46.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	86208	46.24	ug/l	97
82) 4-Chlorotoluene	11.49	91	541363	46.88	ug/l	100
83) tert-Butylbenzene	11.76	119	489134	47.20	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	572581	47.10	ug/l	100
85) sec-Butylbenzene	11.93	105	630342	45.05	ug/l	100
86) p-Isopropyltoluene	12.05	119	596042	45.88	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	304091	46.07	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	310922	46.41	ug/l	100
89) n-Butylbenzene	12.37	91	513251	43.25	ug/l	100
90) Hexachloroethane	12.58	117	104896	47.02	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	298918	47.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54959	46.93	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	210764	44.79	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	79138	39.17	ug/l	97
95) Naphthalene	13.82	128	715974	46.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	206942	45.00	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

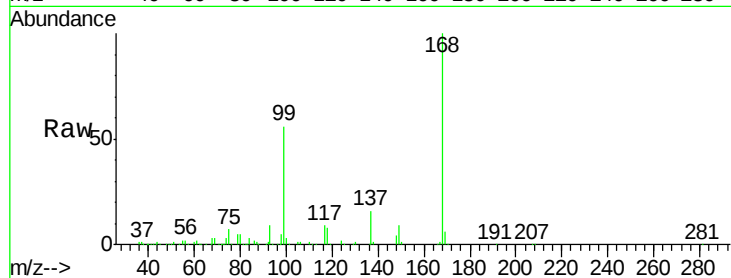
SS052MW601-200513MS

Tgt Ion:168 Resp: 244501

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

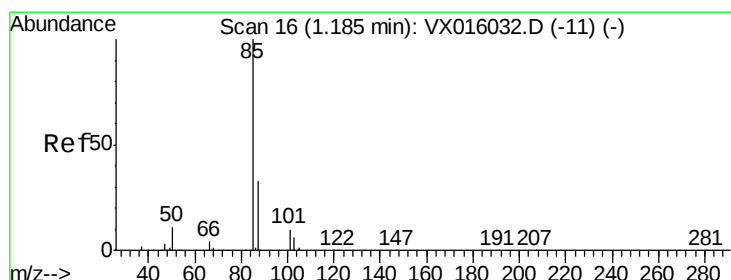
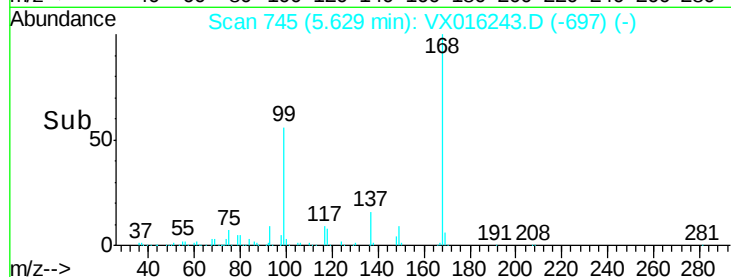
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.46 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016243.D

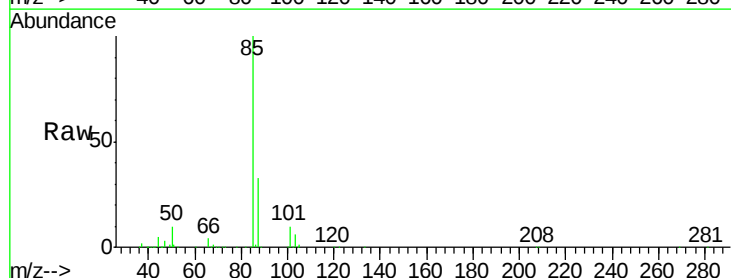
Acq: 14 May 2020 19:47

Tgt Ion: 85 Resp: 130583

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

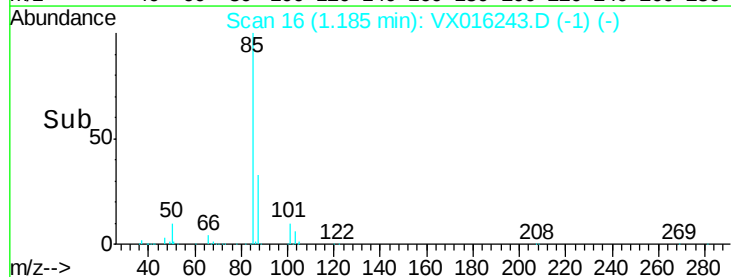
100000

50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.00 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

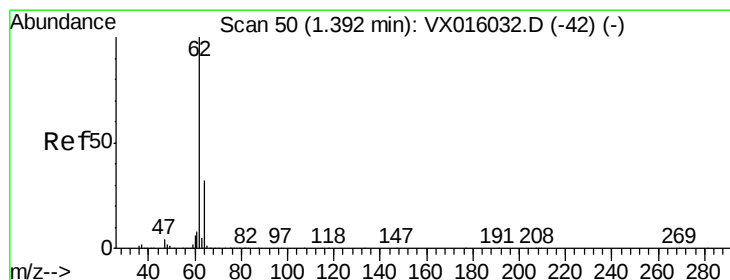
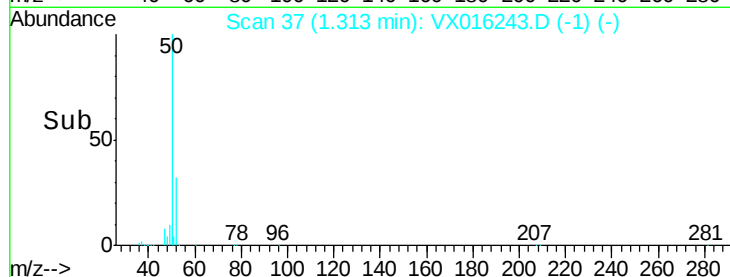
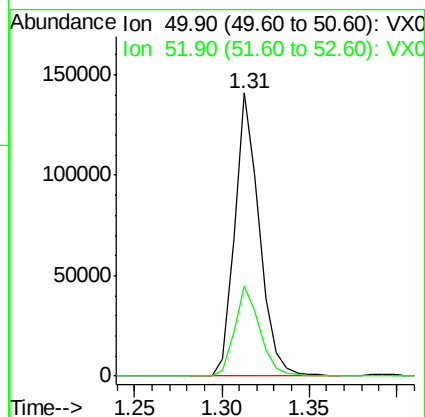
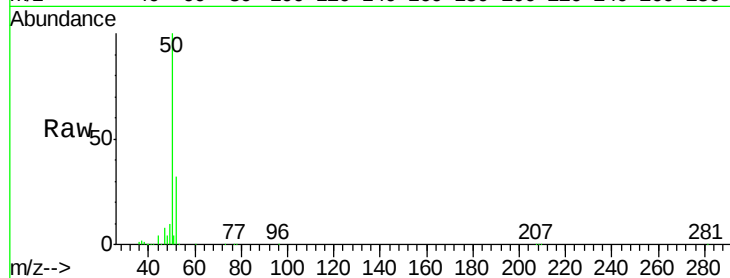
SS052MW601-200513MS

Tgt Ion: 50 Resp: 138264

Ion Ratio Lower Upper

50 100

52 31.9 26.1 39.1



#4

Vinyl Chloride

Concen: 46.89 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016243.D

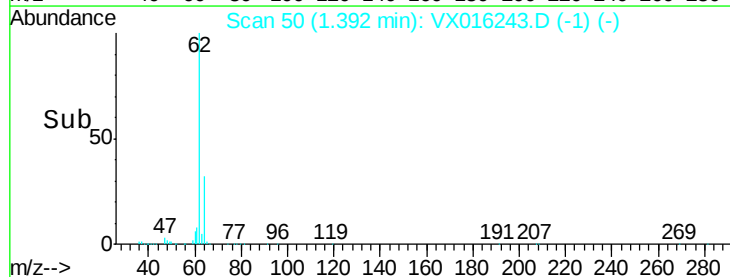
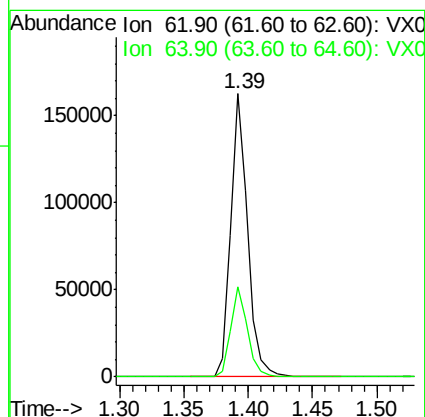
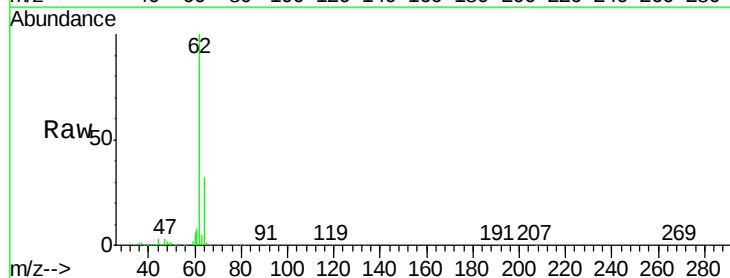
Acq: 14 May 2020 19:47

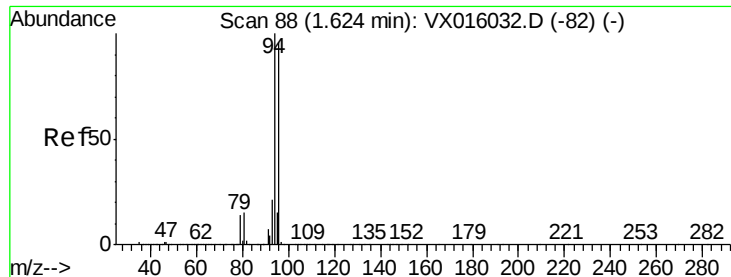
Tgt Ion: 62 Resp: 150350

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 42.14 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

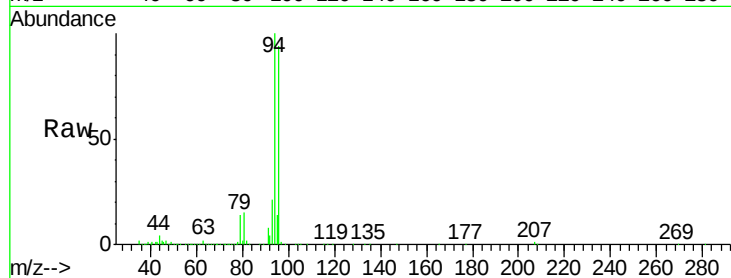
SS052MW601-200513MS

Tgt Ion: 94 Resp: 68124

Ion Ratio Lower Upper

94 100

96 93.8 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

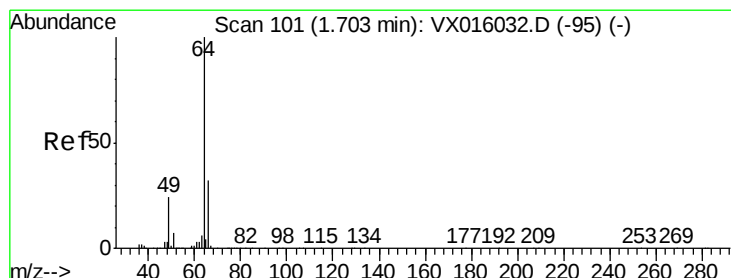
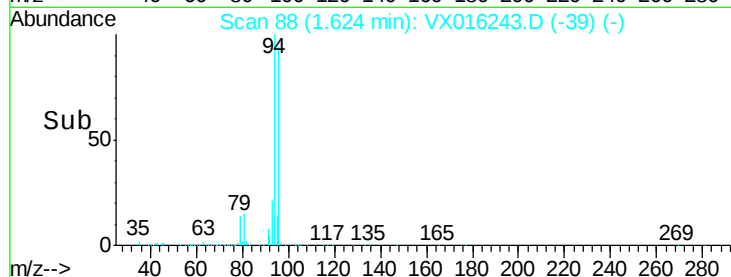
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 46.71 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016243.D

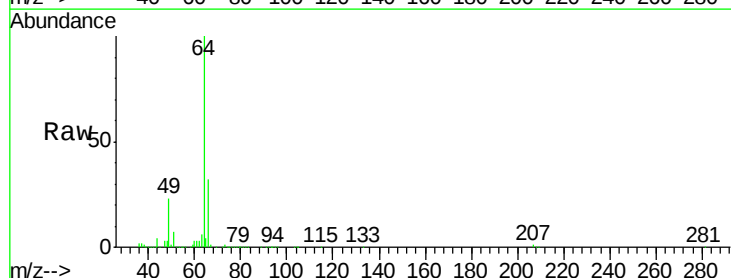
Acq: 14 May 2020 19:47

Tgt Ion: 64 Resp: 91140

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

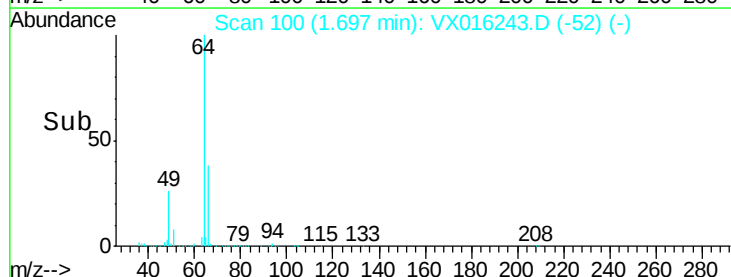
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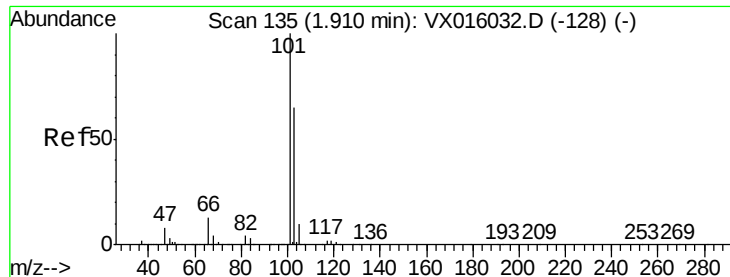
20000

0

1.60 1.70 1.80

Time-->





#7

Trichlorofluoromethane

Concen: 46.68 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

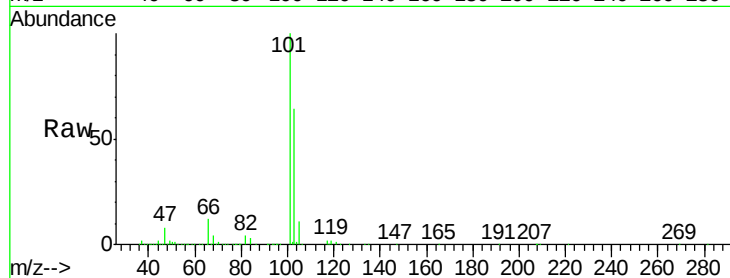
SS052MW601-200513MS

Tgt Ion:101 Resp: 196517

Ion Ratio Lower Upper

101 100

103 63.8 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.91

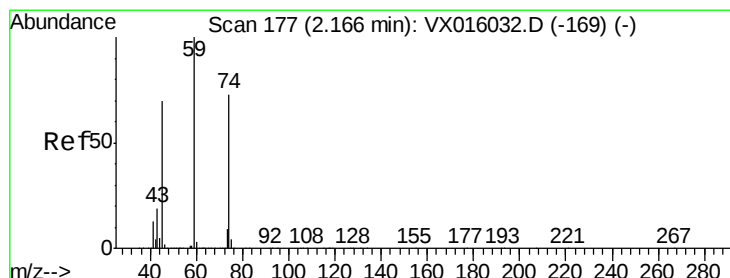
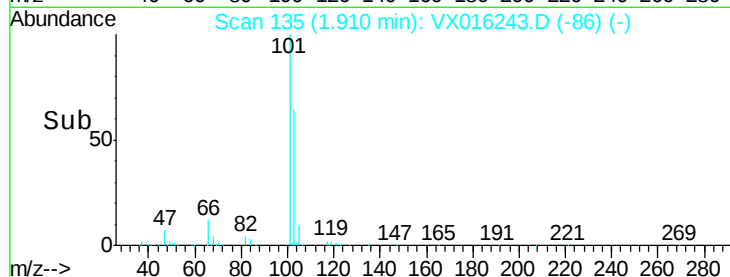
150000

100000

50000

0

Time--> 1.80 1.90 2.00



#8

Diethyl Ether

Concen: 46.66 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016243.D

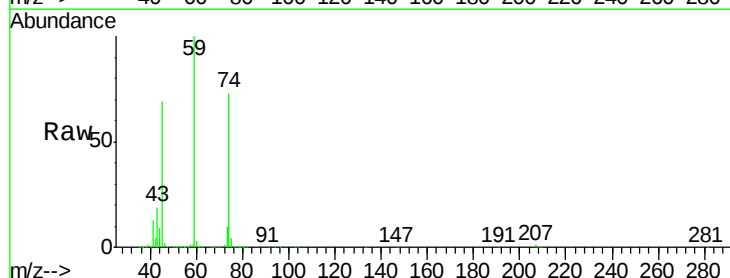
Acq: 14 May 2020 19:47

Tgt Ion: 74 Resp: 82760

Ion Ratio Lower Upper

74 100

45 91.6 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

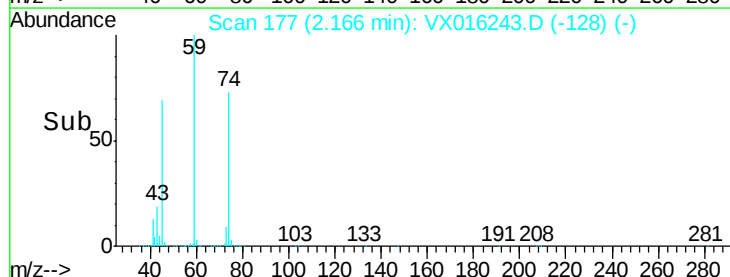
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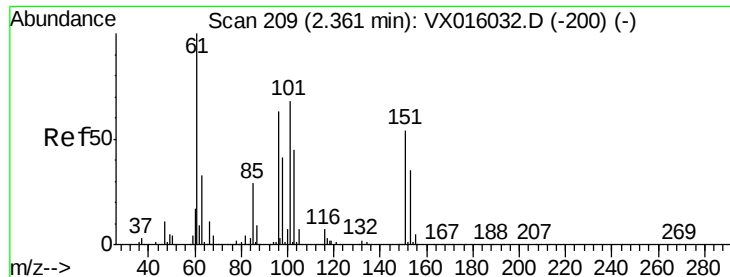
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20000

0

Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.09 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

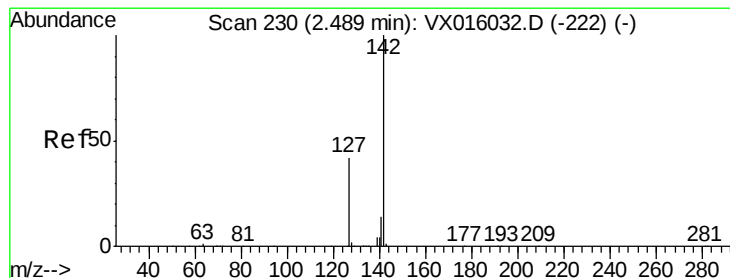
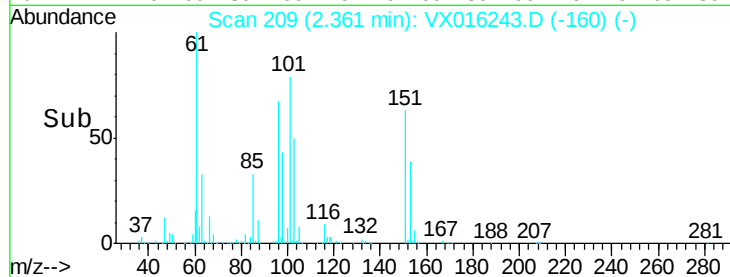
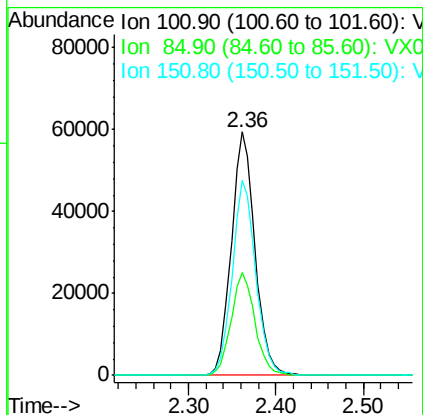
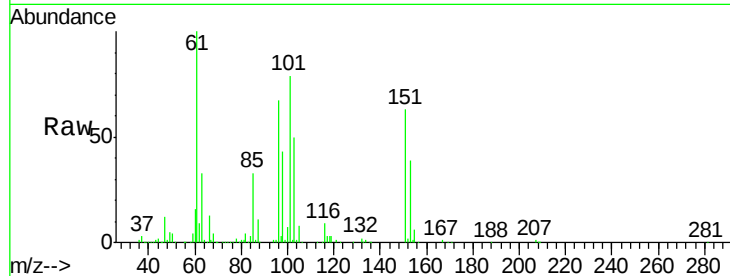
Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tgt Ion:	101	Resp:	111952
Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.2	51.4
151	79.8	62.1	93.1



#10

Methyl Iodide

Concen: 38.04 ug/l

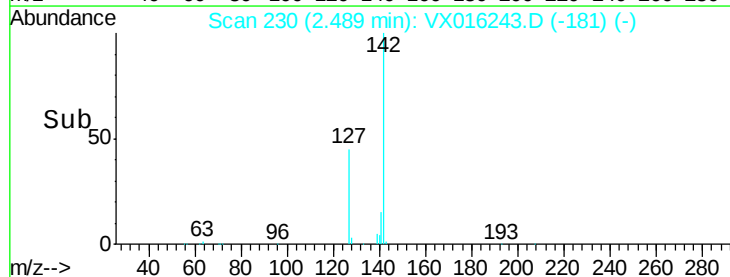
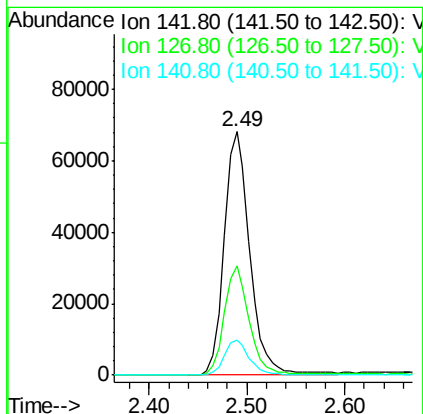
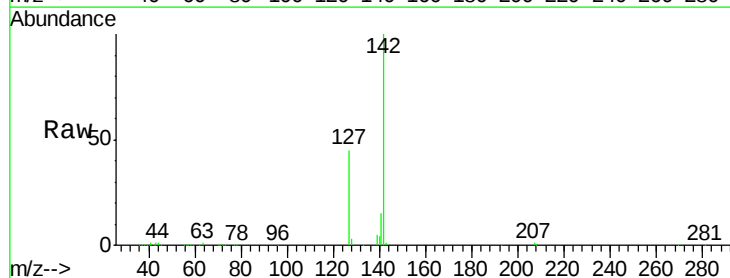
RT: 2.49 min Scan# 230

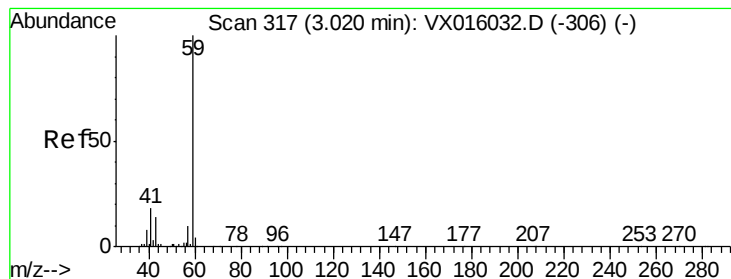
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	142	Resp:	124089
Ion	Ratio	Lower	Upper
142	100		
127	43.6	34.6	52.0
141	14.2	11.3	16.9



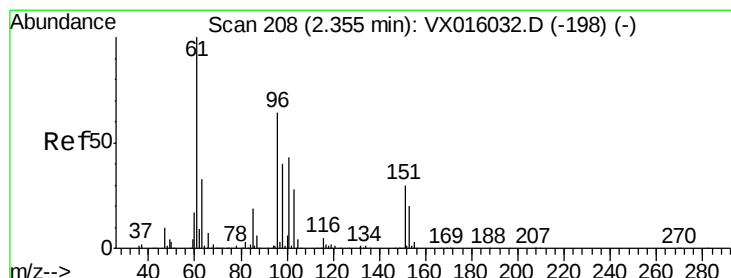
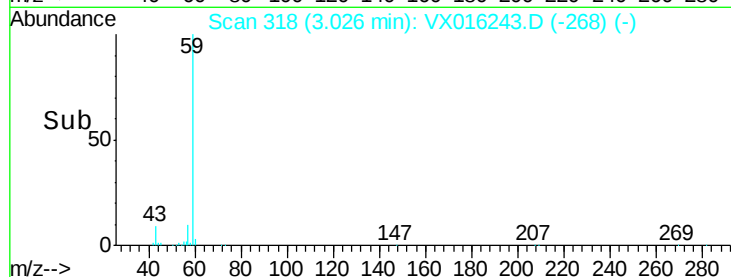
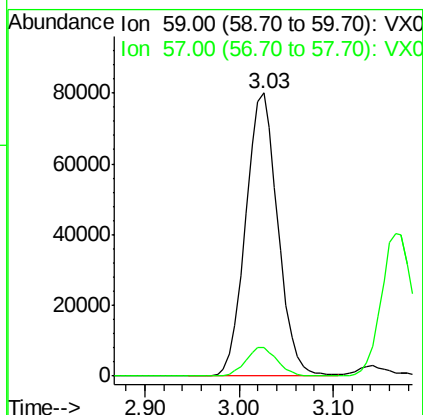
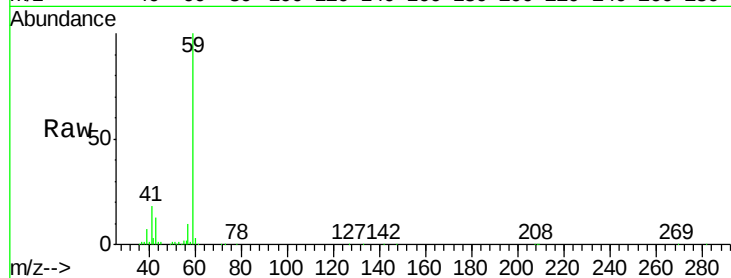


#11

Tert butyl alcohol
 Concen: 235.56 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

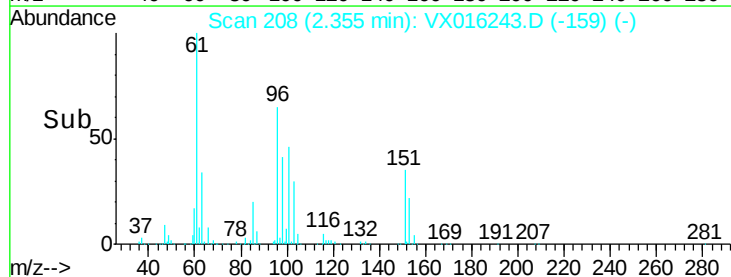
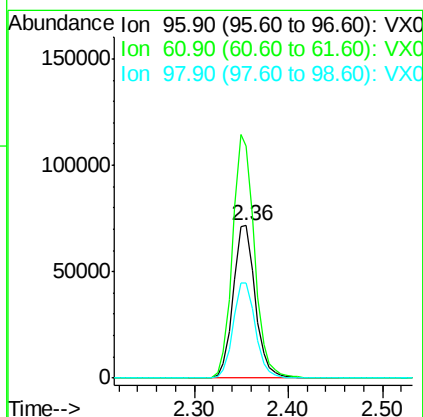
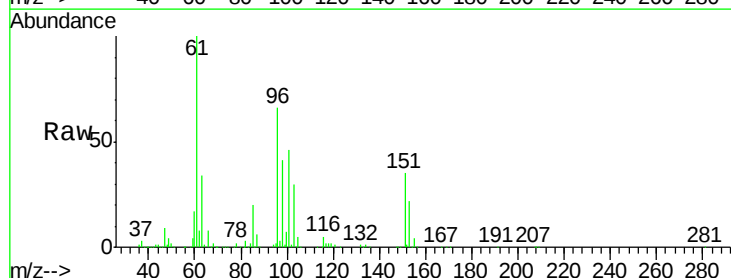
Tgt Ion: 59 Resp: 191648
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 45.61 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion: 96 Resp: 115912
 Ion Ratio Lower Upper
 96 100
 61 152.9 124.8 187.2
 98 62.6 49.7 74.5

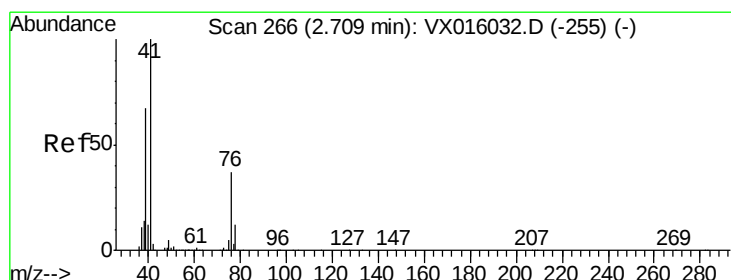
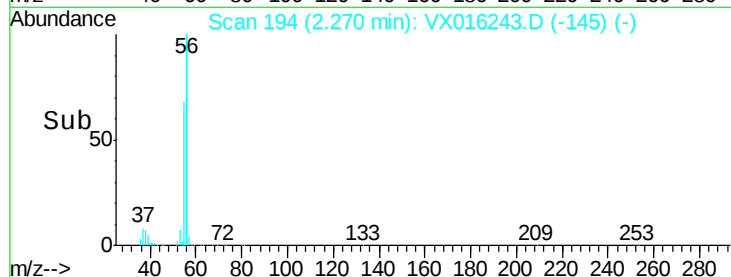
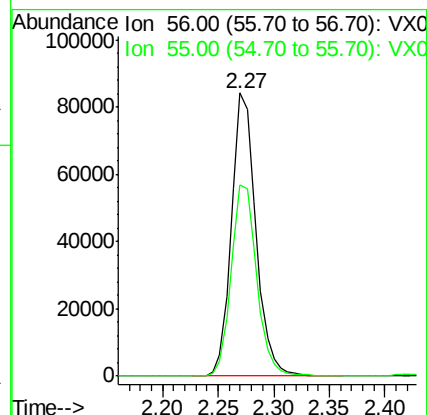
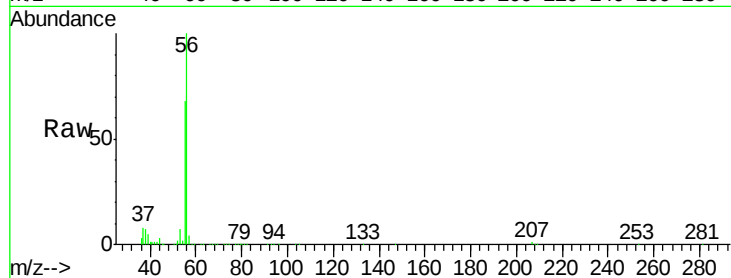




#13
Acrolein
Concen: 252.72 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

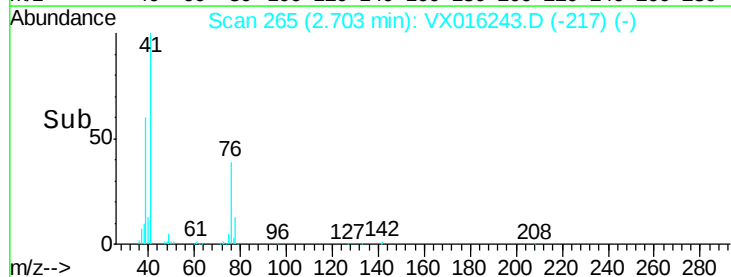
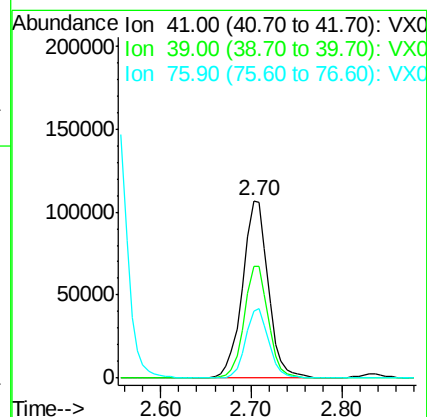
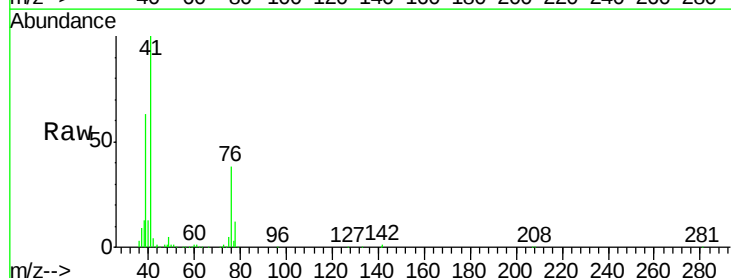
Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tgt Ion: 56 Resp: 128667
Ion Ratio Lower Upper
56 100
55 70.0 56.5 84.7



#14
Allyl chloride
Concen: 45.34 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion: 41 Resp: 211269
Ion Ratio Lower Upper
41 100
39 58.7 50.5 75.7
76 35.0 26.6 40.0





#15

Acrylonitrile

Concen: 244.67 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

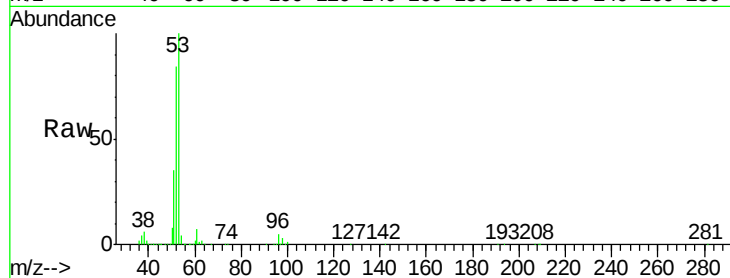
Tgt Ion: 53 Resp: 412950

Ion Ratio Lower Upper

53 100

52 81.8 66.1 99.1

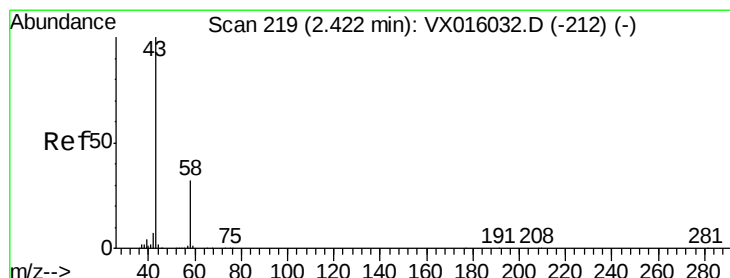
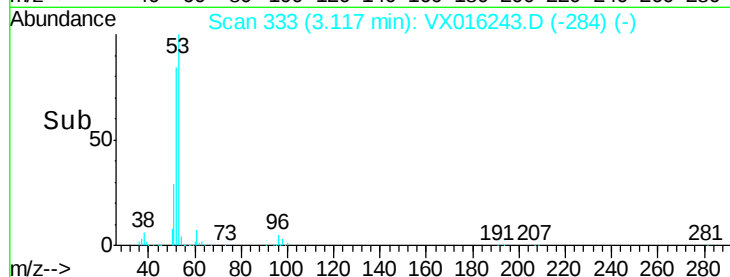
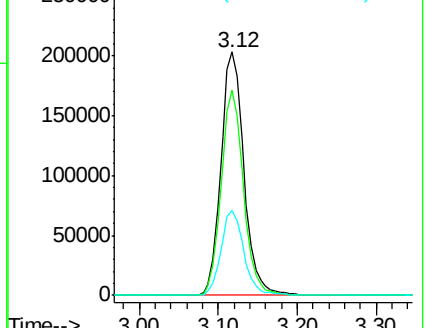
51 34.9 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 228.61 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016243.D

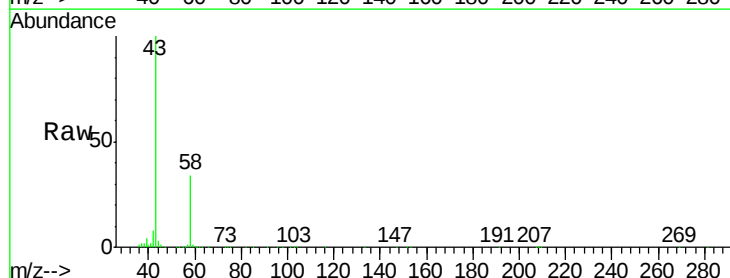
Acq: 14 May 2020 19:47

Tgt Ion: 43 Resp: 328186

Ion Ratio Lower Upper

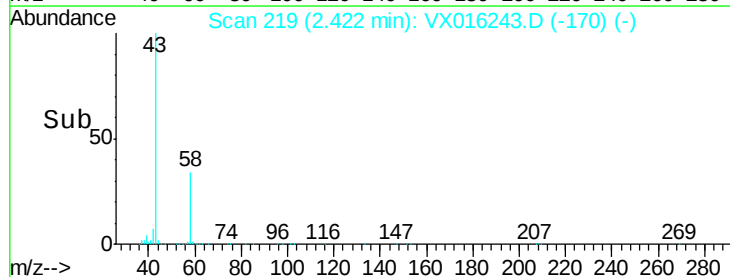
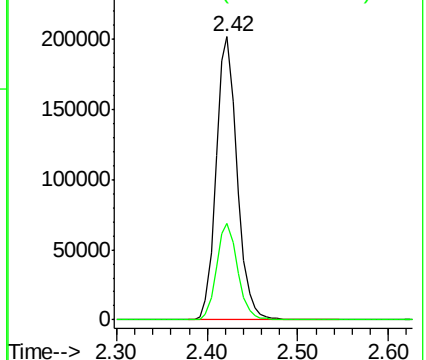
43 100

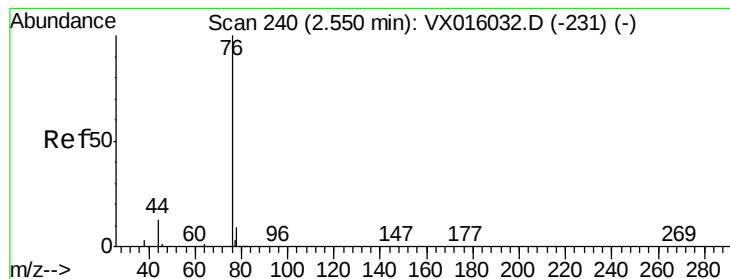
58 34.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.49 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

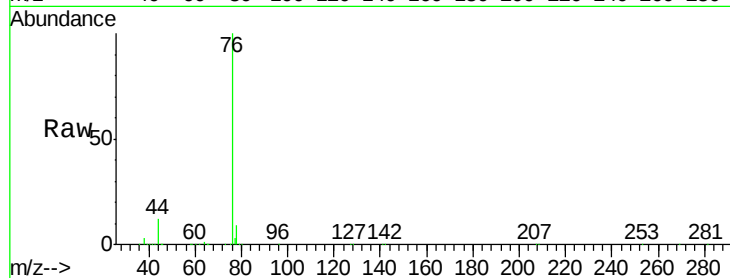
SS052MW601-200513MS

Tgt Ion: 76 Resp: 332155

Ion Ratio Lower Upper

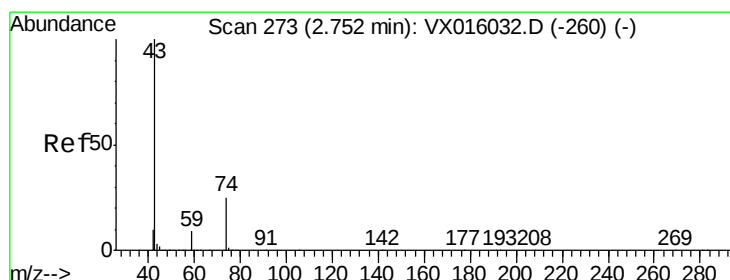
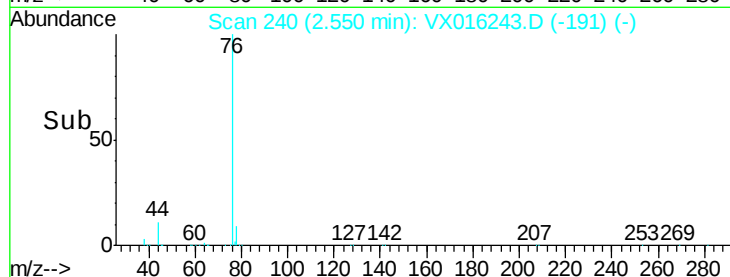
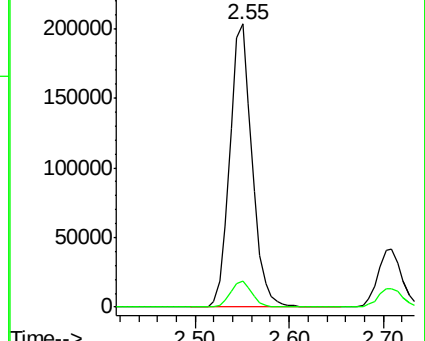
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.95 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016243.D

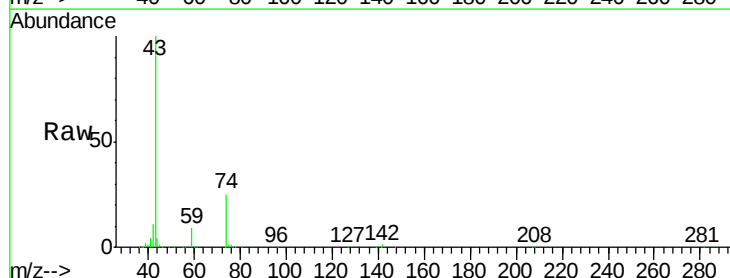
Acq: 14 May 2020 19:47

Tgt Ion: 43 Resp: 169241

Ion Ratio Lower Upper

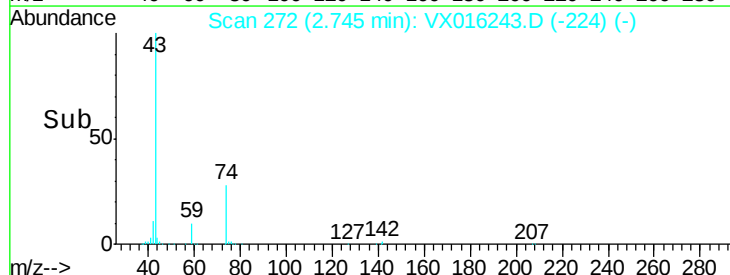
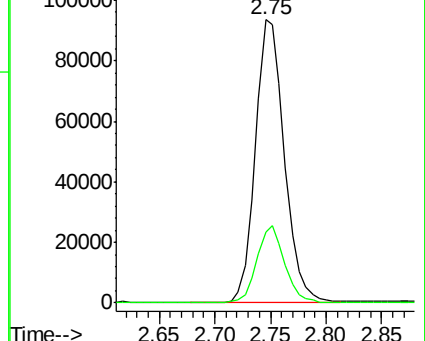
43 100

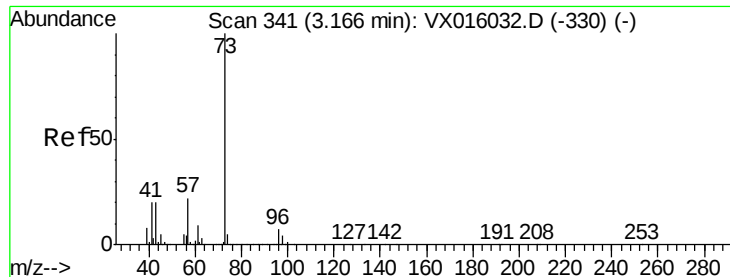
74 26.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

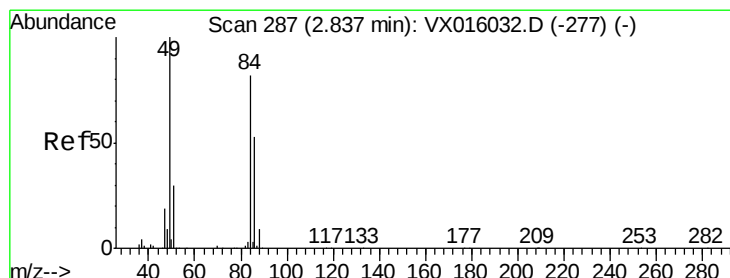
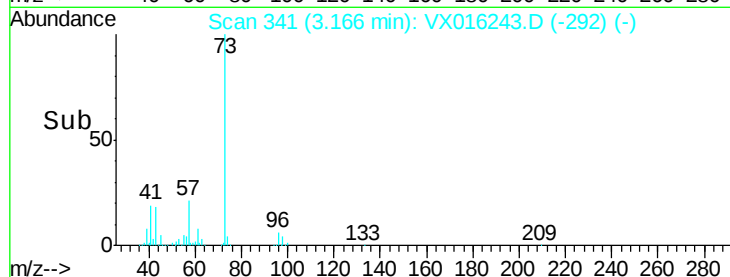
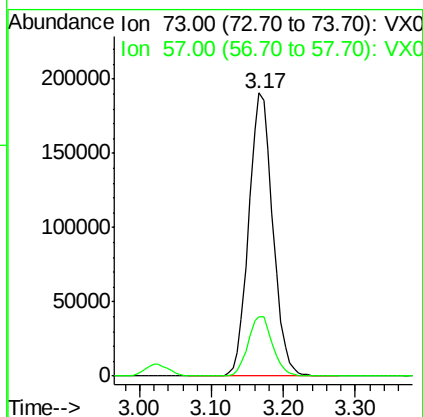
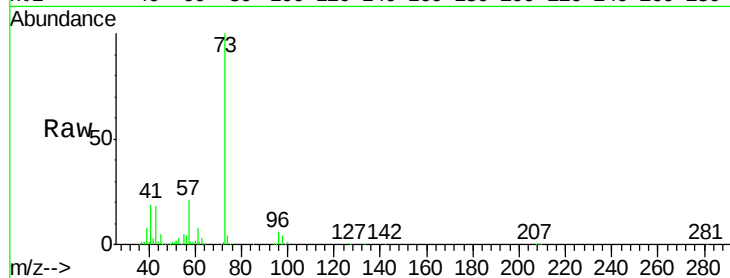




#19
Methyl tert-butyl Ether
Concen: 50.30 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

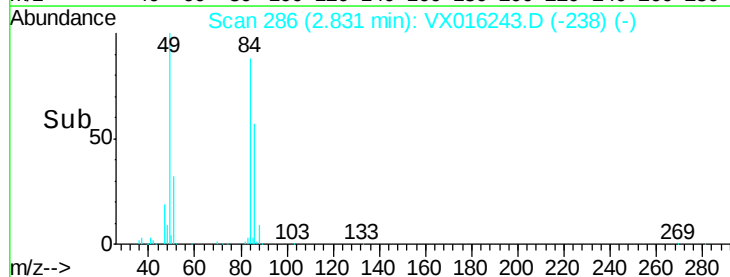
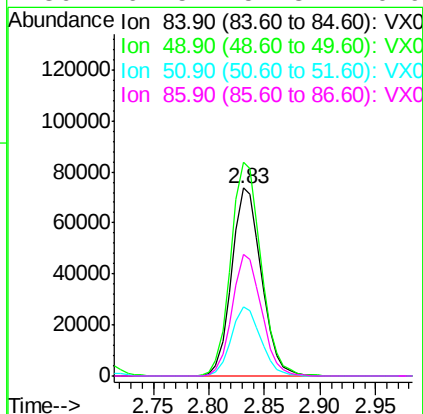
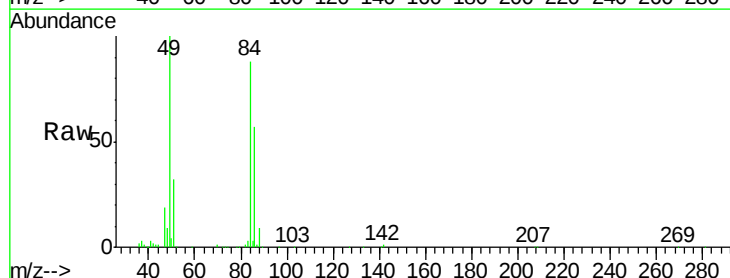
Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tgt Ion: 73 Resp: 440690
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6



#20
Methylene Chloride
Concen: 46.30 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion: 84 Resp: 137013
Ion Ratio Lower Upper
84 100
49 113.8 97.3 145.9
51 36.8 29.3 43.9
86 64.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.48 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

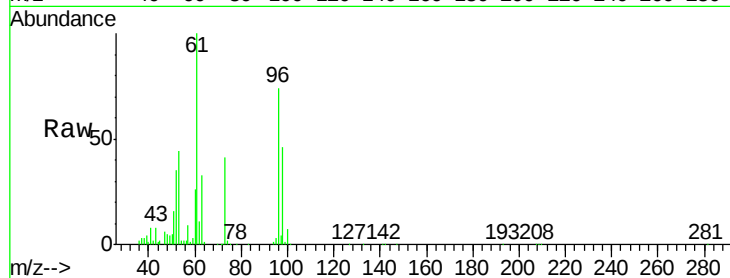
Tgt Ion: 96 Resp: 131640

Ion Ratio Lower Upper

96 100

61 135.9 111.2 166.8

98 62.4 50.2 75.4

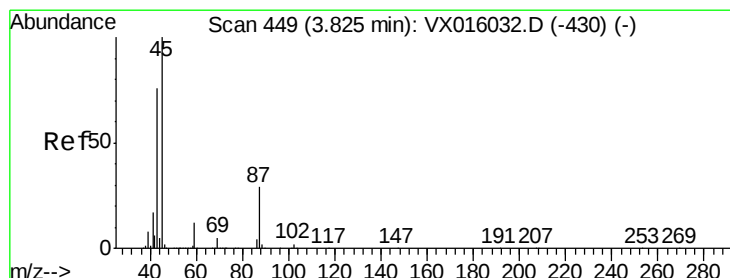
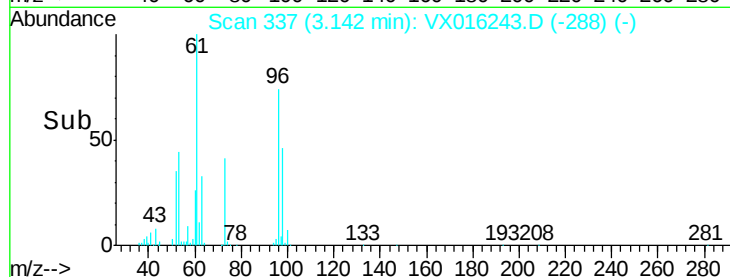
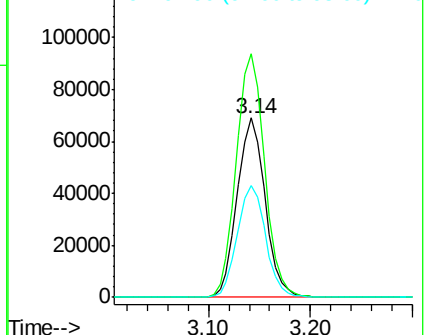


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.77 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion: 45 Resp: 419958

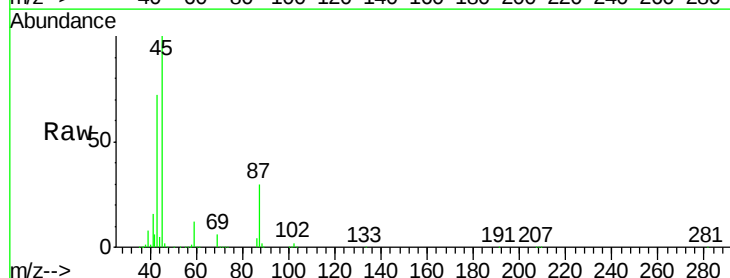
Ion Ratio Lower Upper

45 100

43 72.3 61.1 91.7

87 29.9 23.0 34.6

59 12.0 9.8 14.6



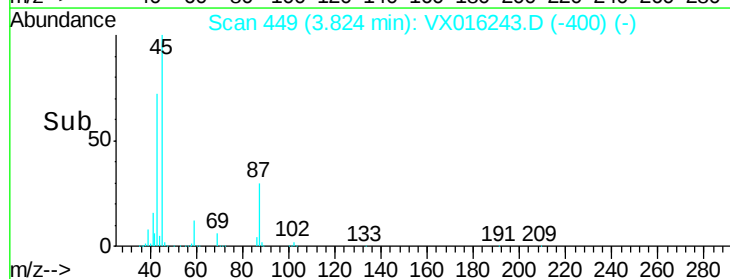
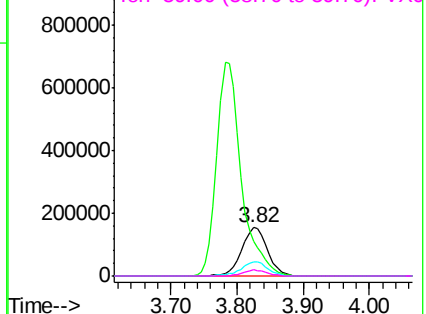
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 228.66 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

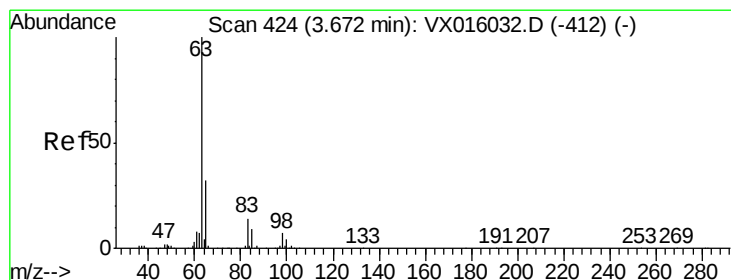
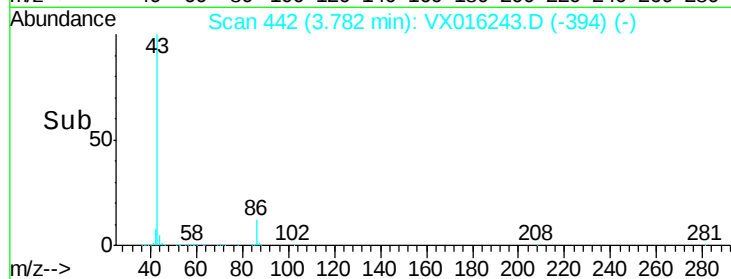
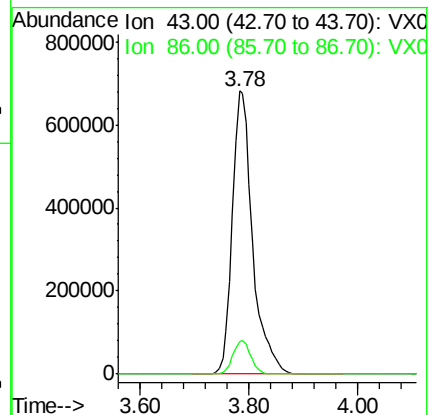
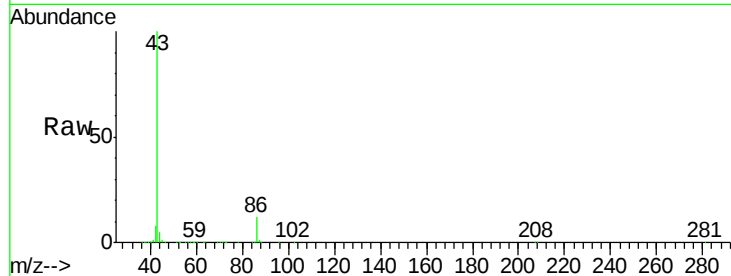
SS052MW601-200513MS

Tgt Ion: 43 Resp: 1768625

Ion Ratio Lower Upper

43 100

86 11.6 9.0 13.4



#24

1,1-Dichloroethane

Concen: 48.46 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

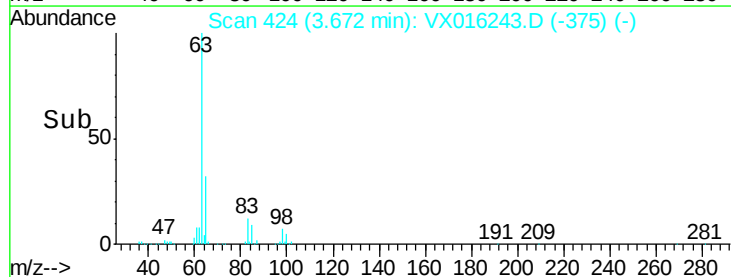
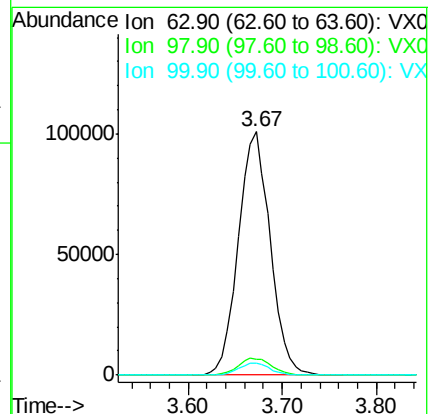
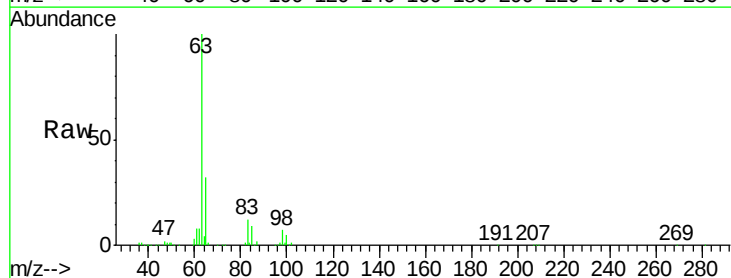
Tgt Ion: 63 Resp: 238329

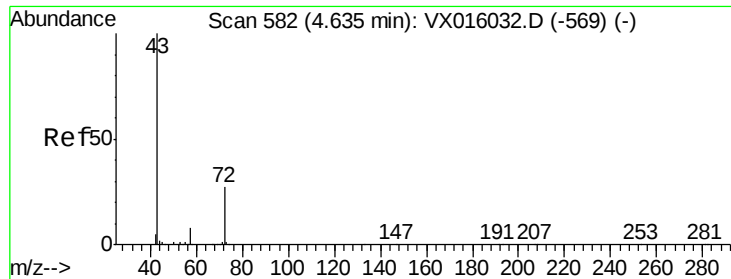
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 243.84 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

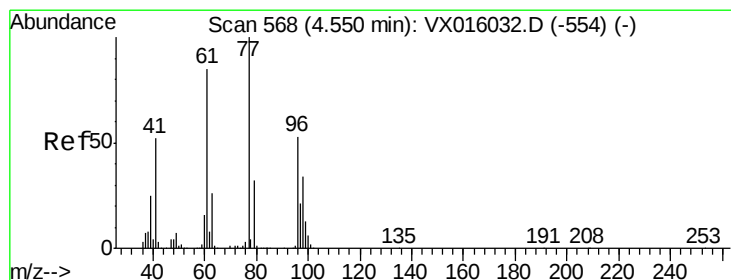
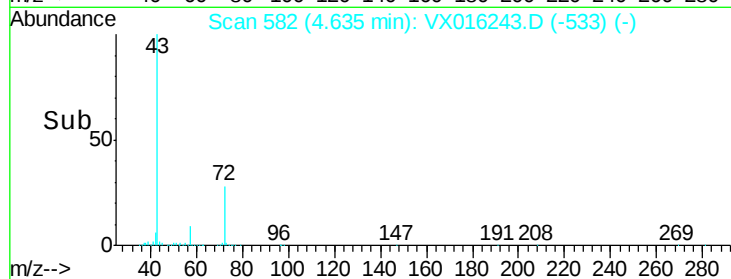
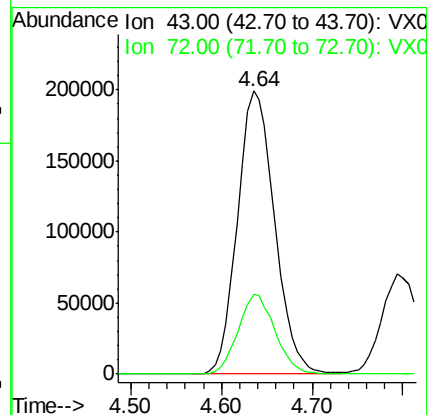
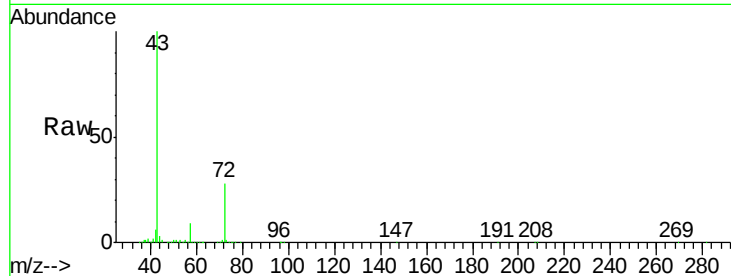
SS052MW601-200513MS

Tgt Ion: 43 Resp: 564065

Ion Ratio Lower Upper

43 100

72 28.1 21.8 32.8



#26

2,2-Dichloropropane

Concen: 42.67 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016243.D

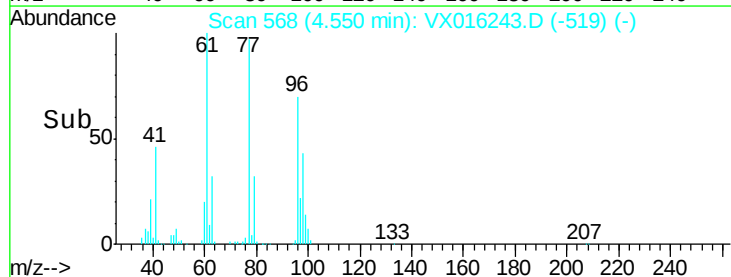
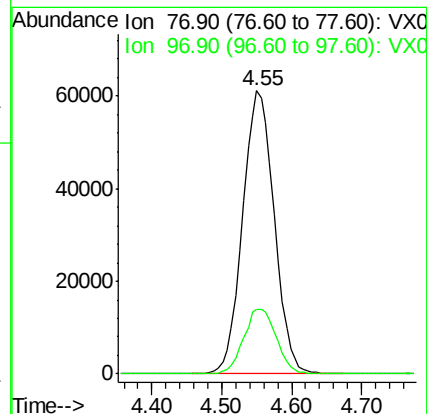
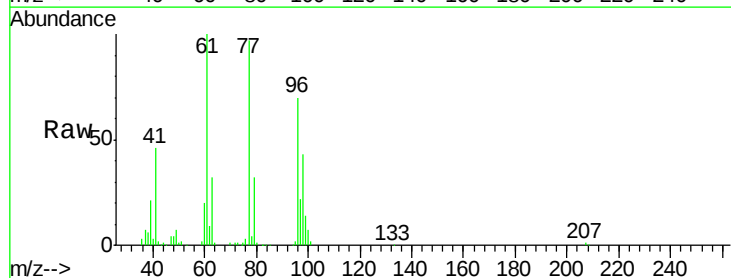
Acq: 14 May 2020 19:47

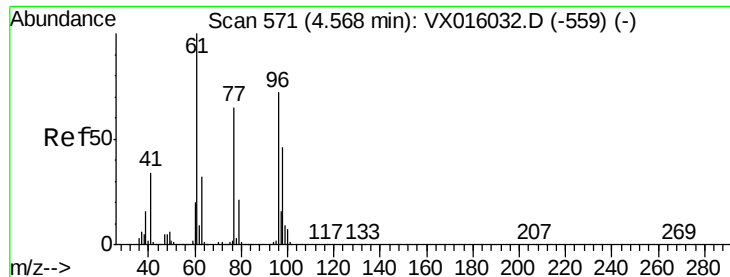
Tgt Ion: 77 Resp: 191663

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 54.84 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

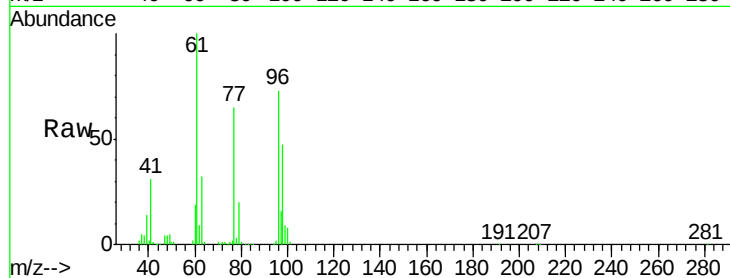
Tgt Ion: 96 Resp: 169815

Ion Ratio Lower Upper

96 100

61 139.9 0.0 296.2

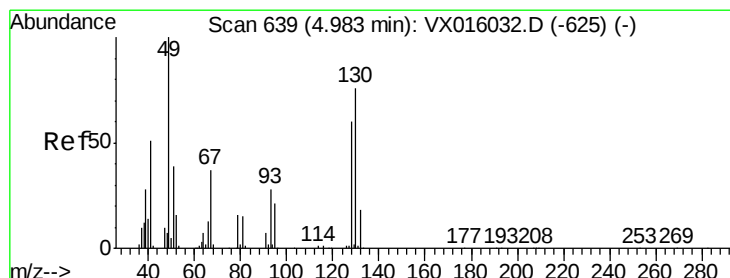
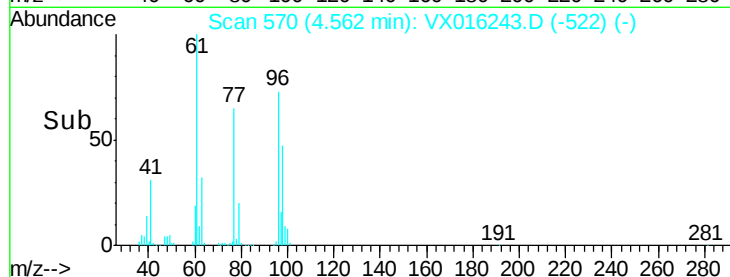
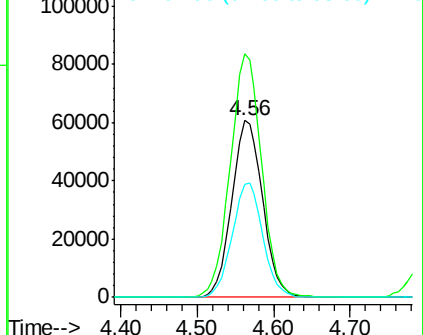
98 64.2 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 46.13 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

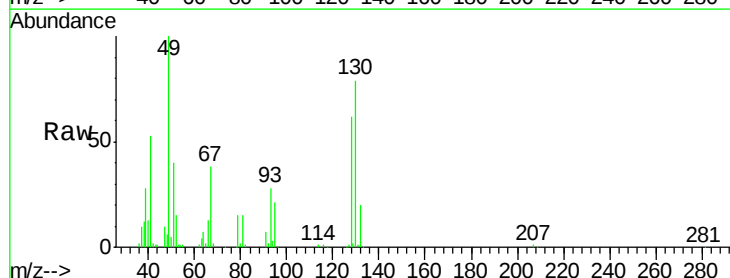
Tgt Ion: 49 Resp: 103459

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

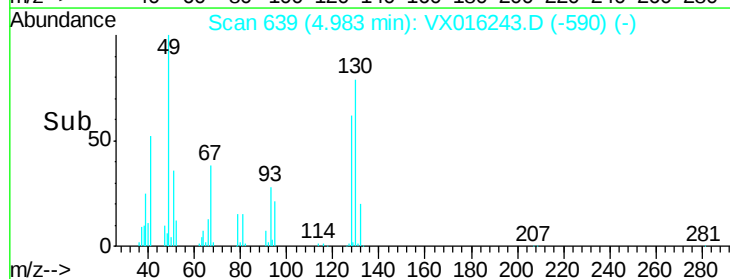
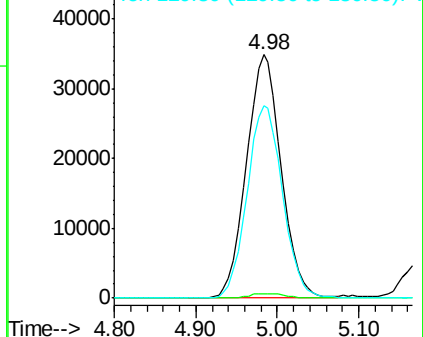
130 80.6 62.4 93.6

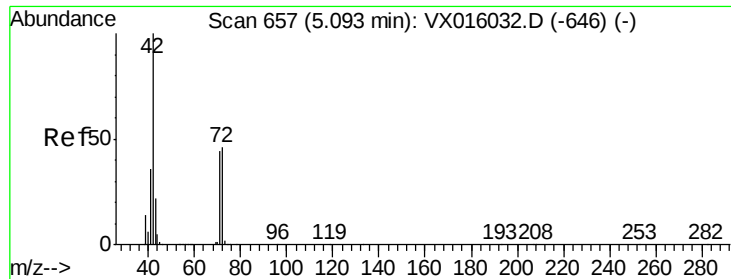


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

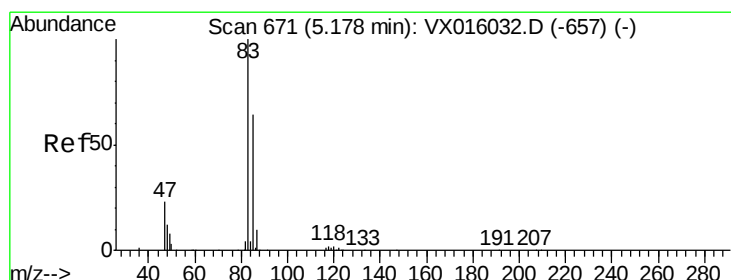
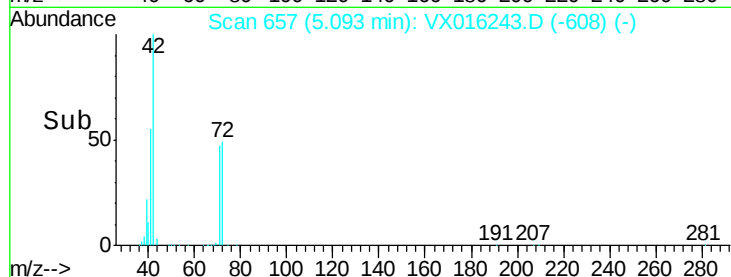
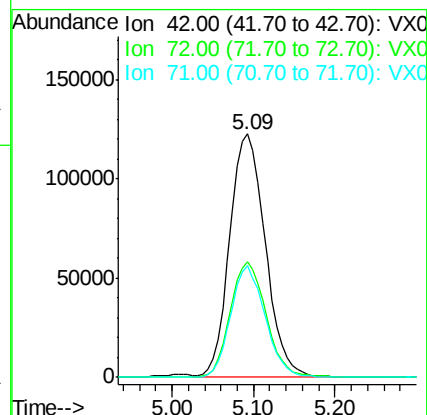
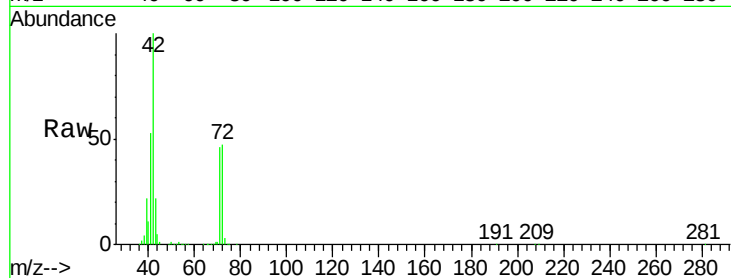




#29
Tetrahydrofuran
Concen: 240.63 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

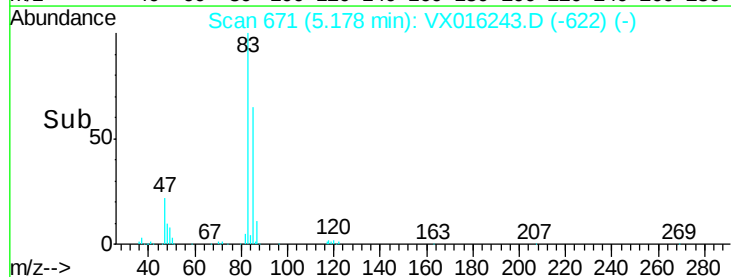
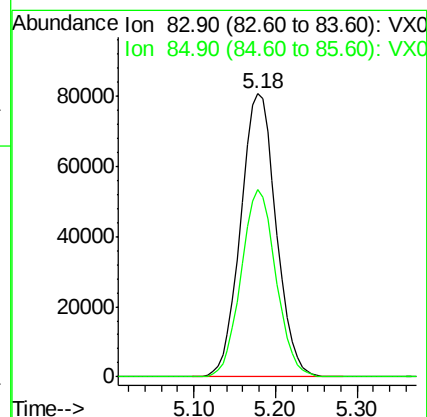
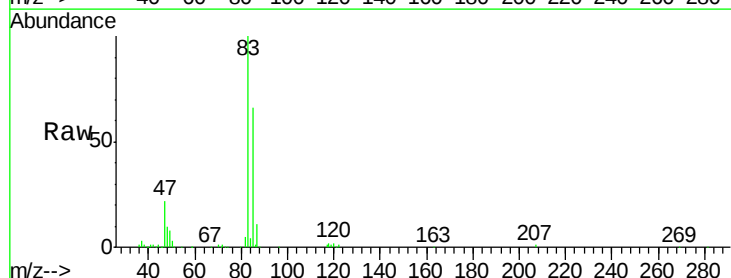
Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

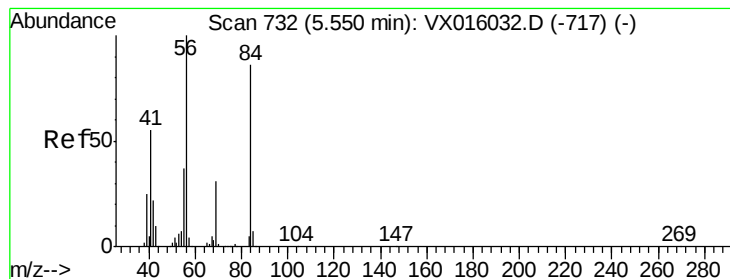
Tgt Ion: 42 Resp: 368839
Ion Ratio Lower Upper
42 100
72 48.3 37.1 55.7
71 44.7 34.5 51.7



#30
Chloroform
Concen: 49.74 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion: 83 Resp: 243573
Ion Ratio Lower Upper
83 100
85 66.0 51.6 77.4





#31

Cyclohexane

Concen: 45.95 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

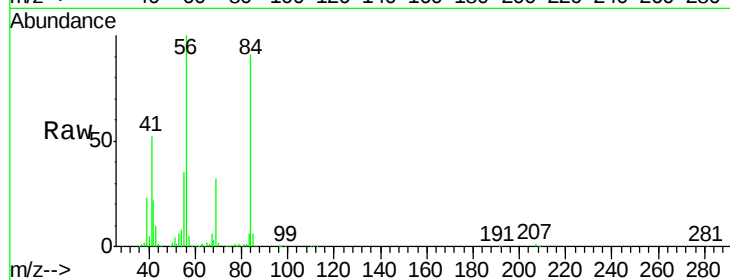
Tgt Ion: 56 Resp: 205391

Ion Ratio Lower Upper

56 100

69 32.3 25.0 37.6

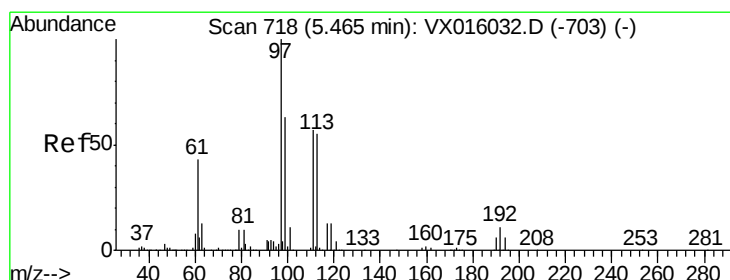
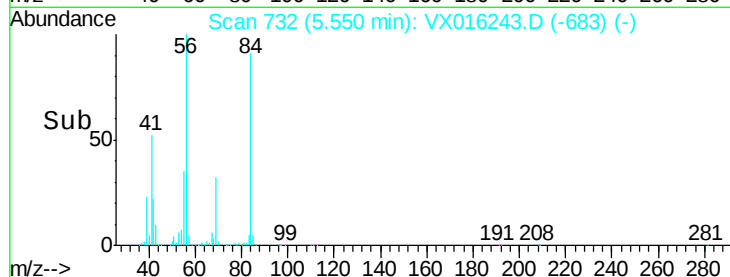
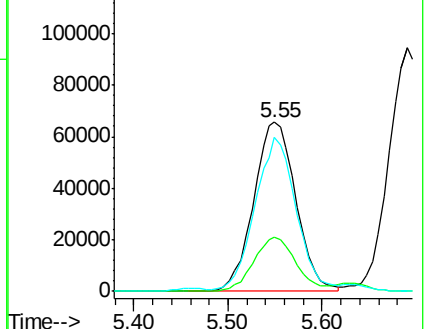
84 89.2 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.05 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

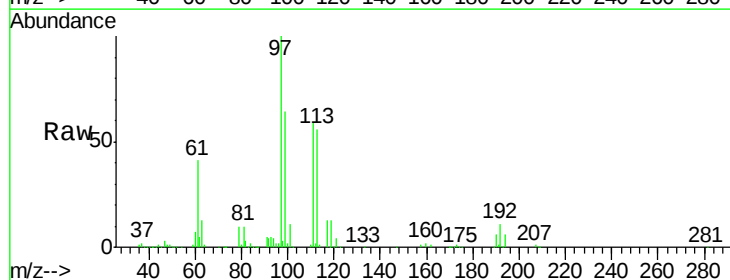
Tgt Ion: 97 Resp: 218332

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

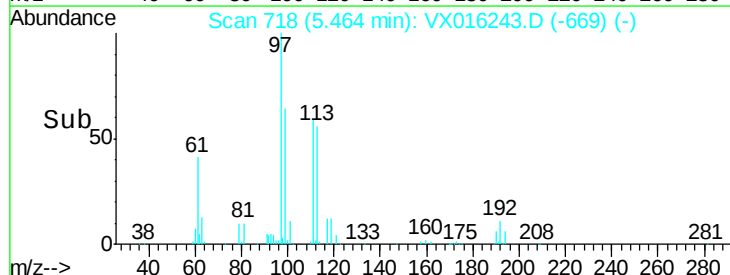
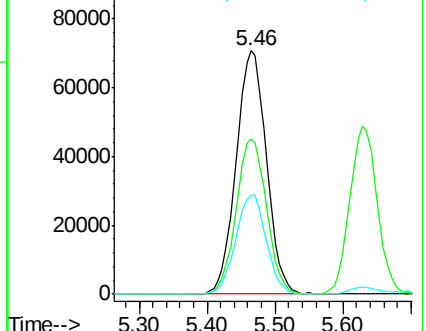
61 41.2 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

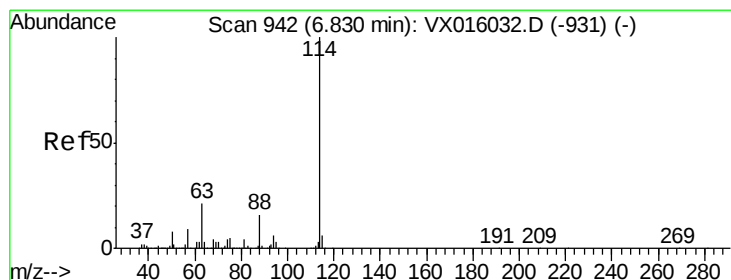
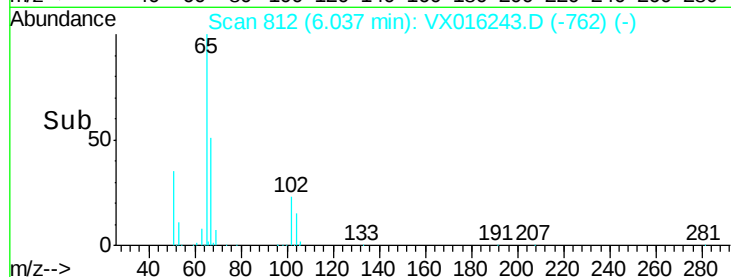
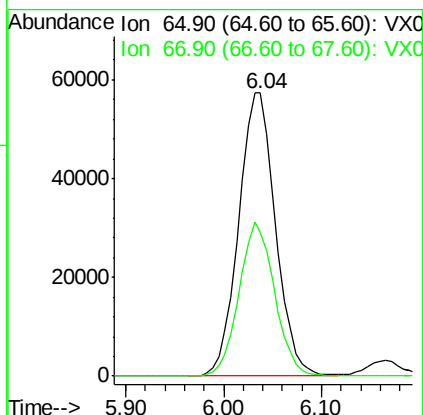
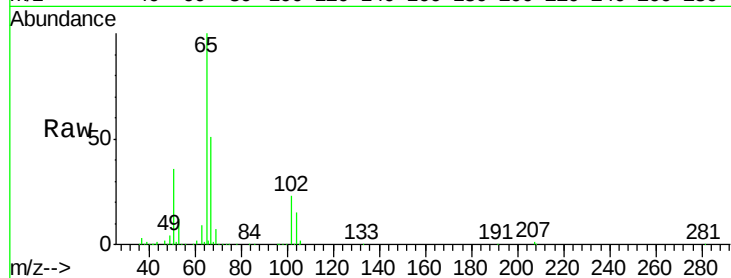




#33
 1,2-Dichloroethane-d4
 Concen: 46.43 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

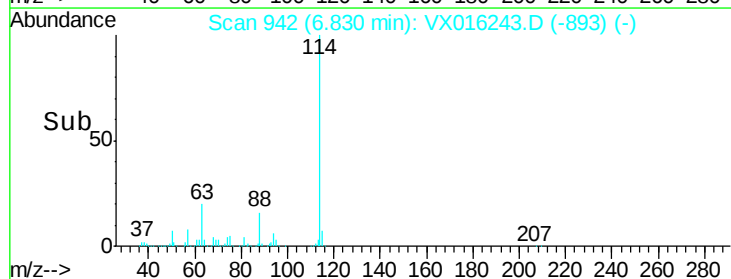
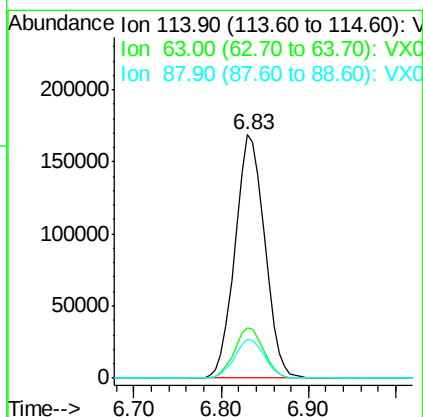
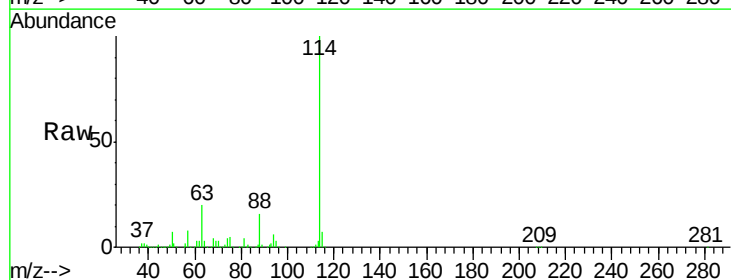
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tgt Ion: 65 Resp: 149369
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion: 114 Resp: 398382
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 16.0 0.0 31.4

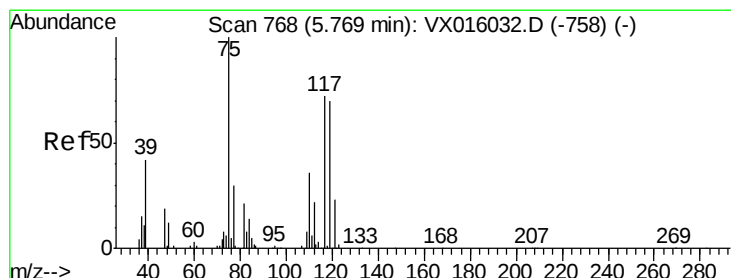
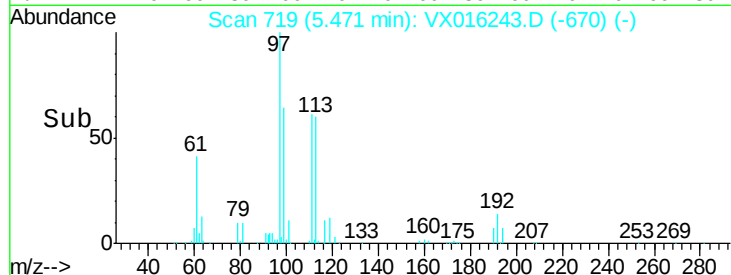
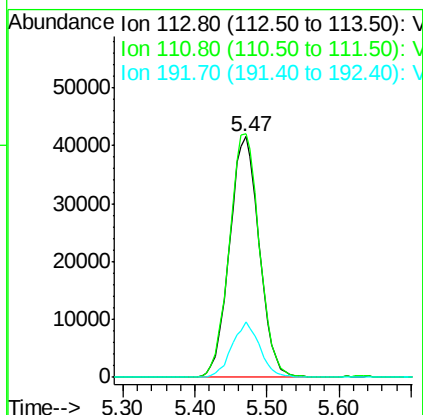
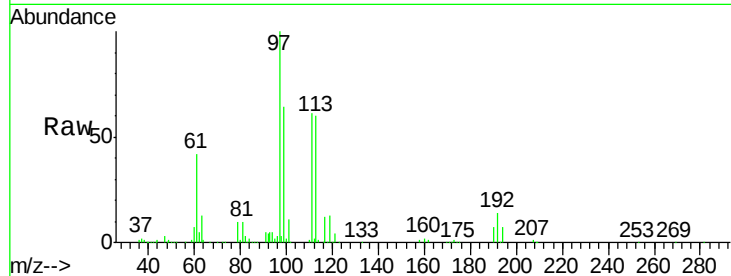




#35
 Dibromofluoromethane
 Concen: 47.24 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

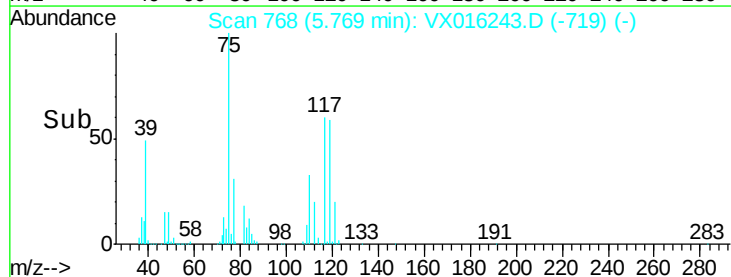
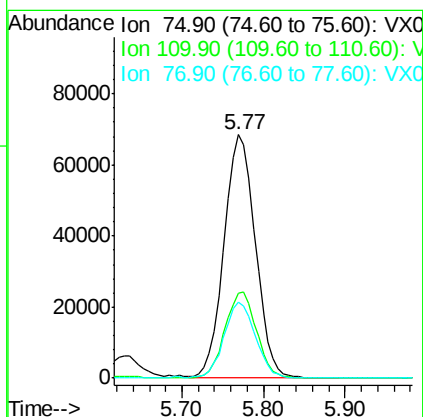
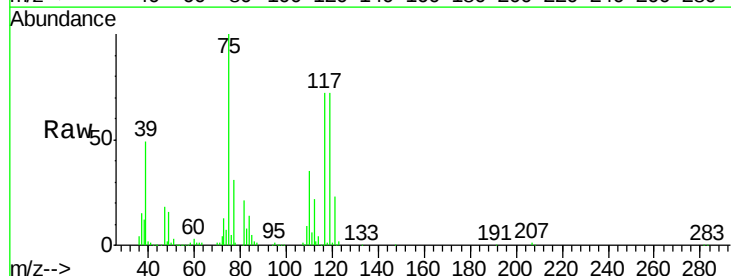
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

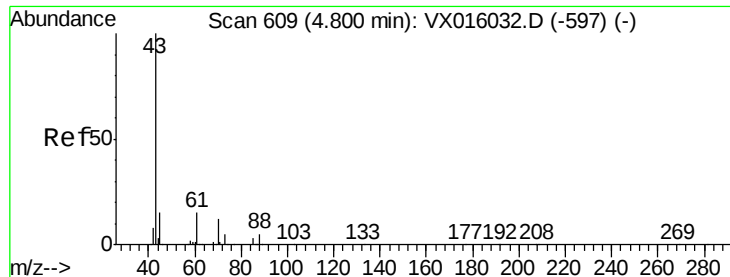
Tgt Ion: 113 Resp: 119227
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 21.6 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 46.36 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion: 75 Resp: 181803
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.1 54.1
 77 31.2 25.0 37.6

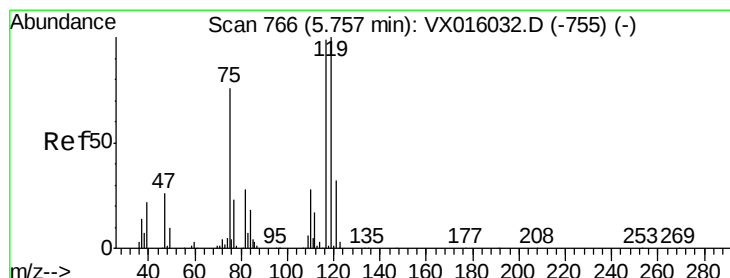
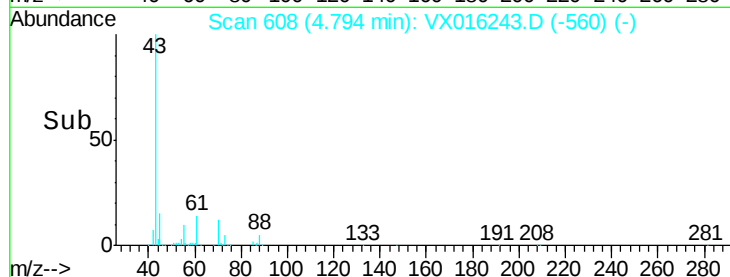
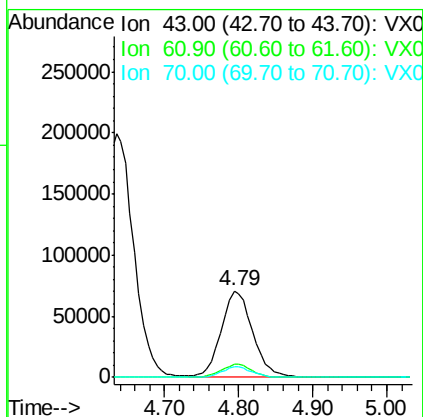
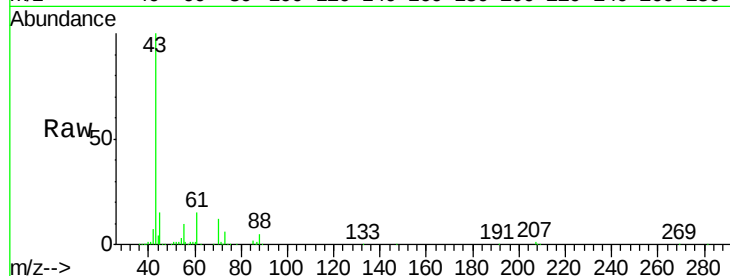




#37
Ethyl Acetate
Concen: 45.32 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

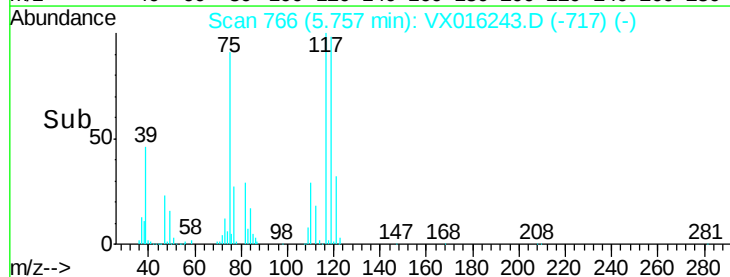
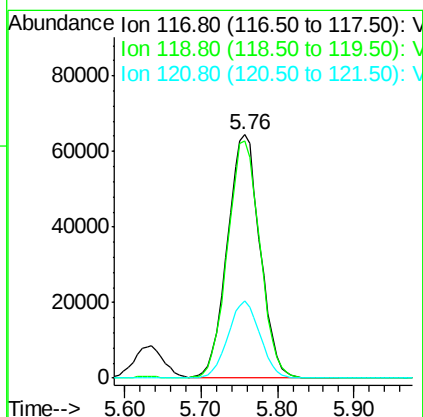
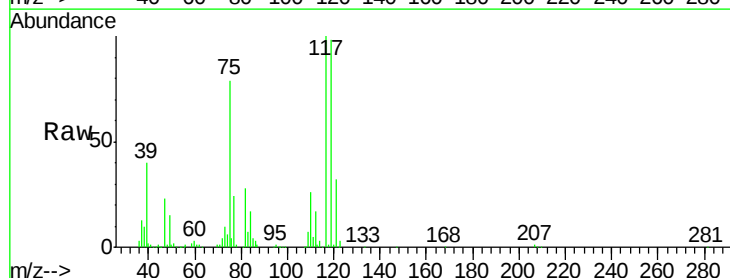
Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

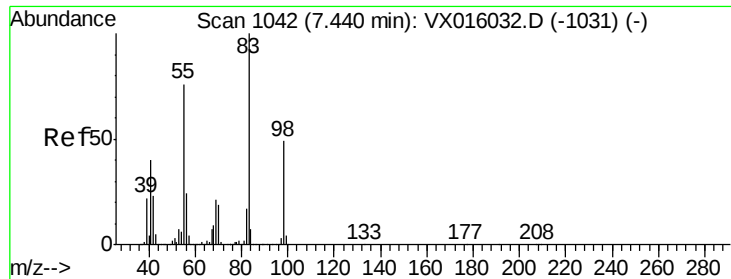
Tgt Ion: 43 Resp: 205981
Ion Ratio Lower Upper
43 100
61 15.2 11.7 17.5
70 12.1 9.3 13.9



#38
Carbon Tetrachloride
Concen: 47.74 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion: 117 Resp: 190273
Ion Ratio Lower Upper
117 100
119 97.6 80.3 120.5
121 31.6 25.7 38.5

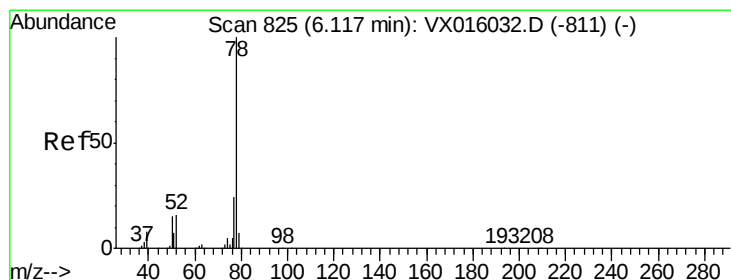
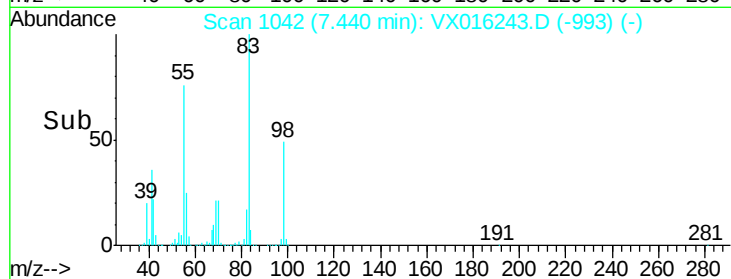
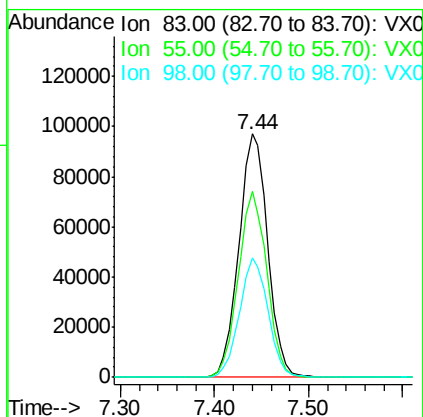
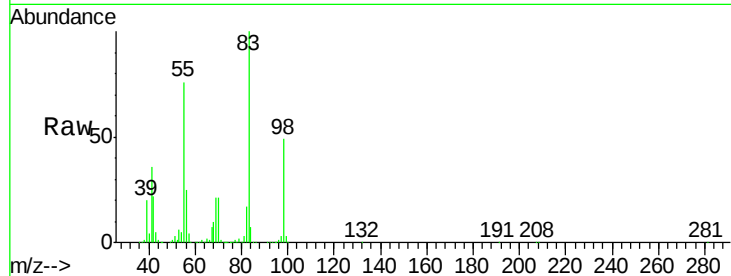




#39
Methylcyclohexane
Concen: 43.97 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

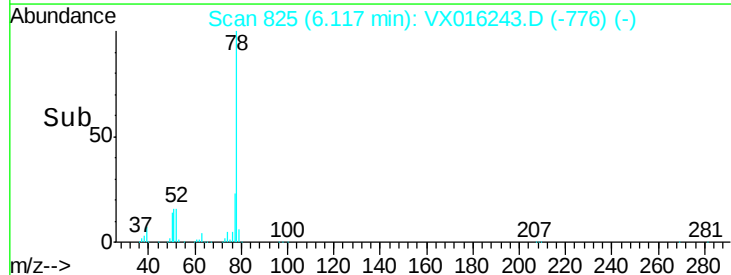
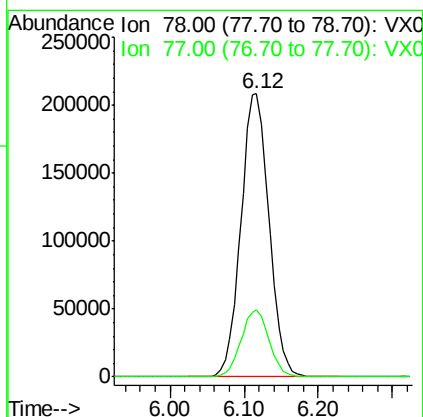
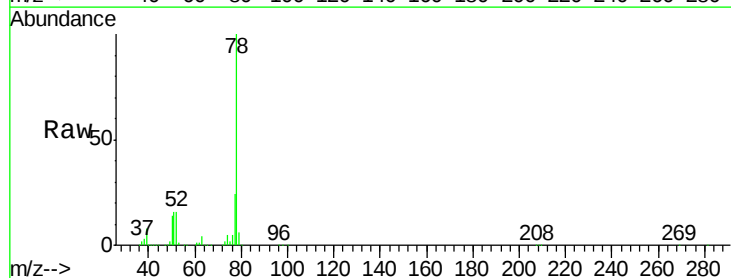
Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tgt Ion: 83 Resp: 207666
Ion Ratio Lower Upper
83 100
55 76.1 61.1 91.7
98 49.0 39.0 58.4



#40
Benzene
Concen: 48.17 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion: 78 Resp: 552659
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

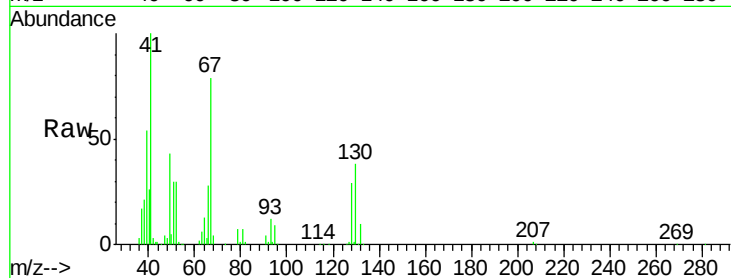




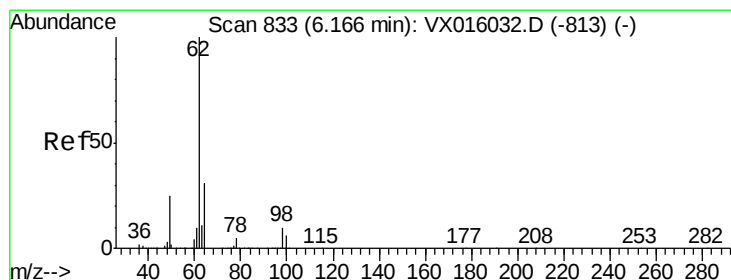
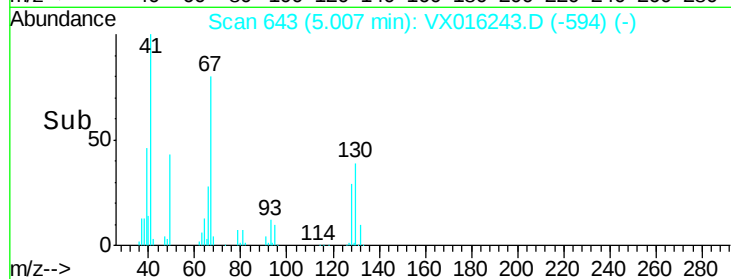
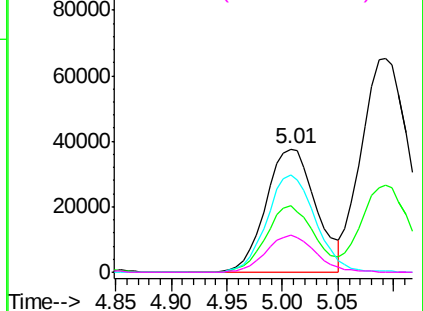
#41
Methacrylonitrile
Concen: 48.08 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tgt Ion:	41	Resp:	118019
Ion	Ratio	Lower	Upper
41	100		
39	51.9	43.2	64.8
67	76.7	59.3	88.9
52	29.2	23.5	35.3

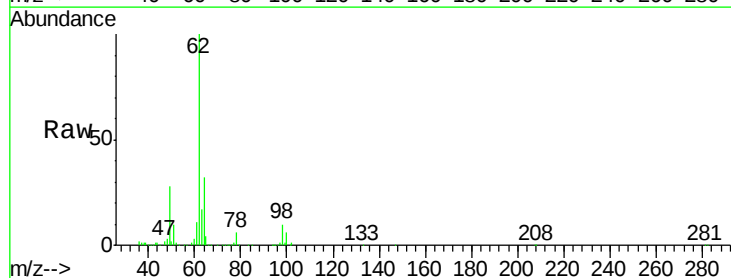


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

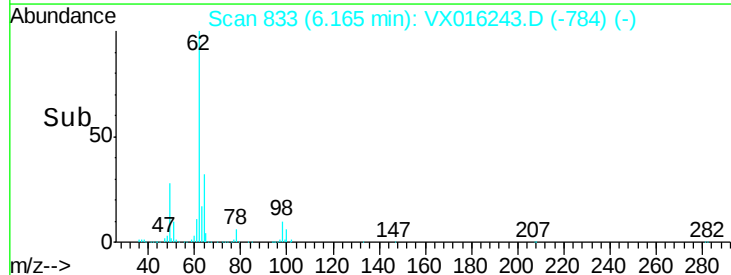
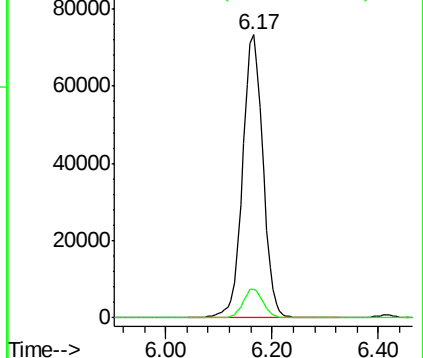


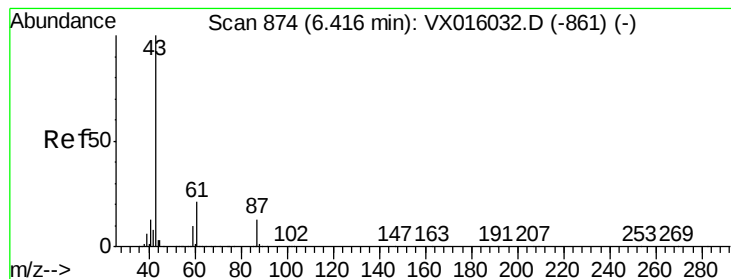
#42
1,2-Dichloroethane
Concen: 46.94 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion:	62	Resp:	194016
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 45.94 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

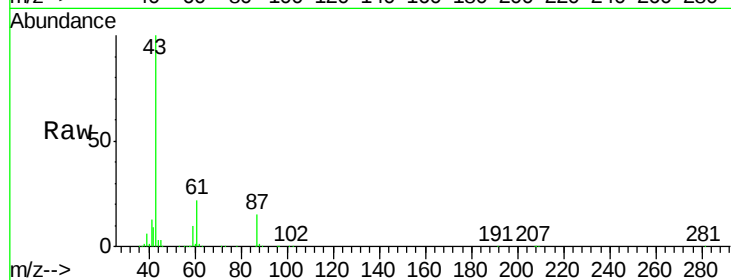
Tgt Ion: 43 Resp: 333151

Ion Ratio Lower Upper

43 100

61 22.2 17.0 25.4

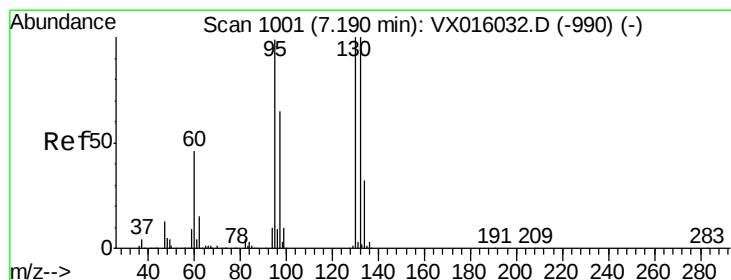
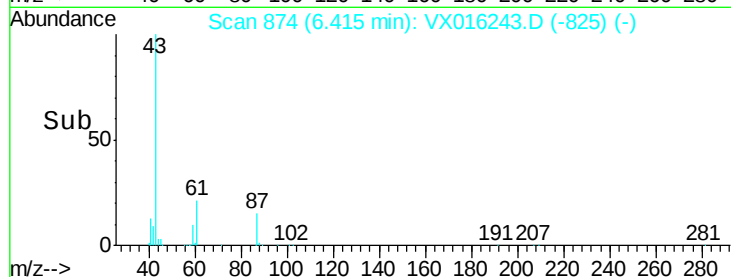
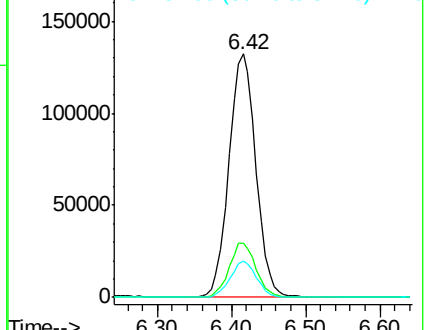
87 14.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.82 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016243.D

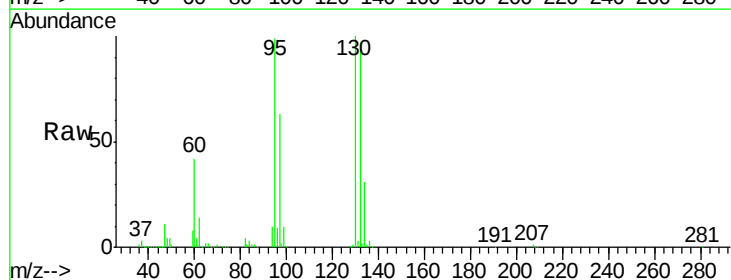
Acq: 14 May 2020 19:47

Tgt Ion: 130 Resp: 190869

Ion Ratio Lower Upper

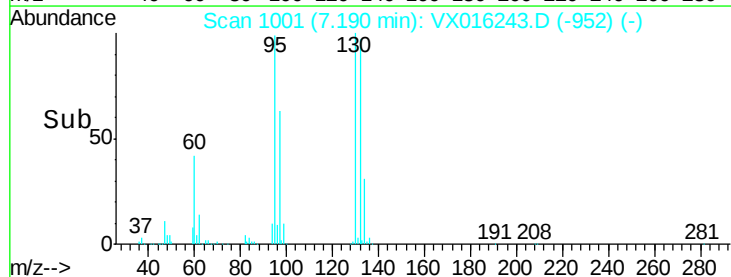
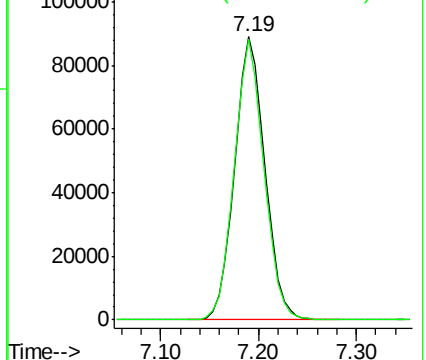
130 100

95 99.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

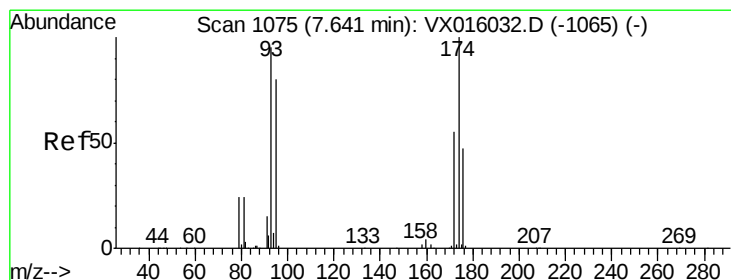
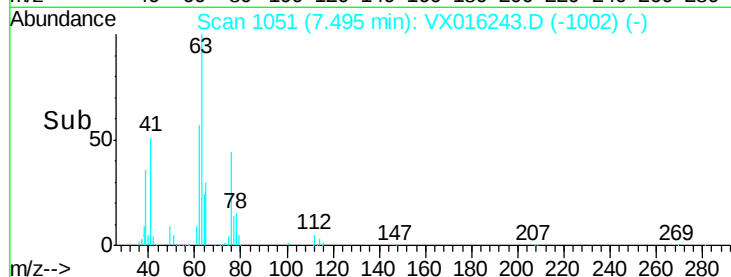
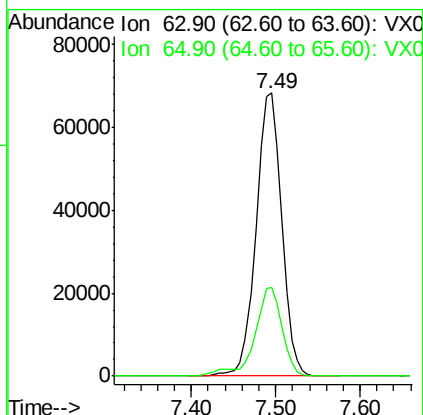
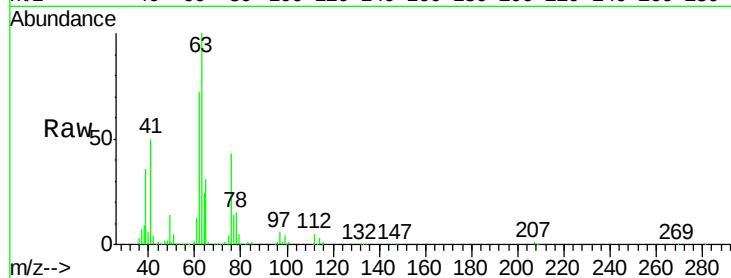




#45
 1,2-Dichloropropane
 Concen: 49.48 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

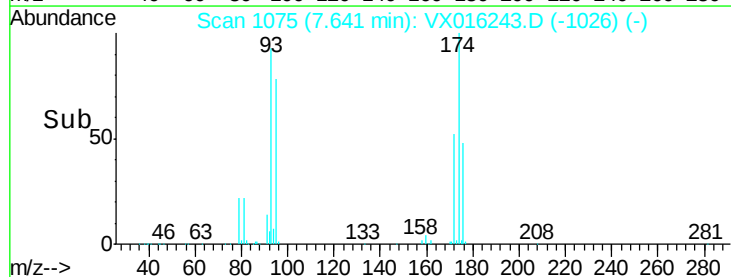
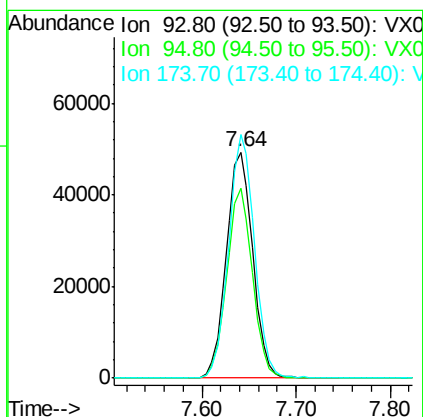
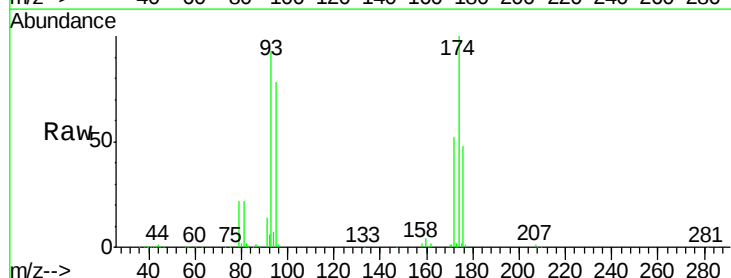
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tgt Ion: 63 Resp: 143662
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6



#46
 Dibromomethane
 Concen: 48.68 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion: 93 Resp: 96050
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.6 100.0
 174 105.2 84.2 126.4





#47

Bromodichloromethane

Concen: 49.19 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

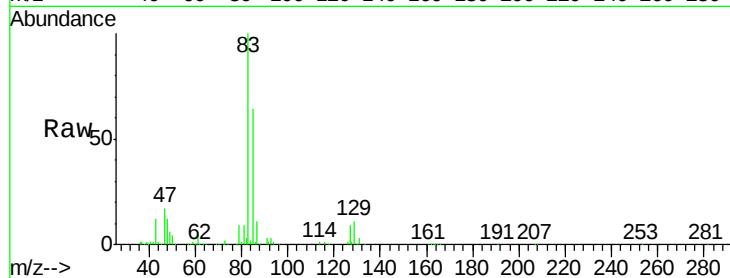
Tgt Ion: 83 Resp: 197684

Ion Ratio Lower Upper

83 100

85 64.0 50.5 75.7

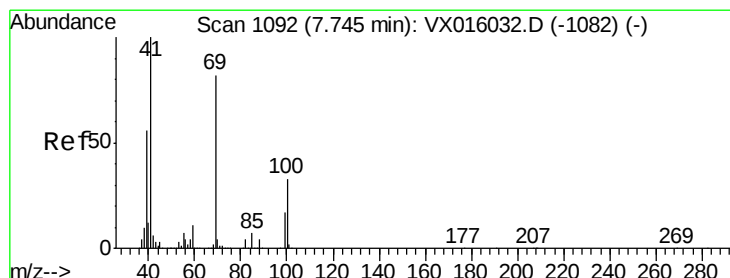
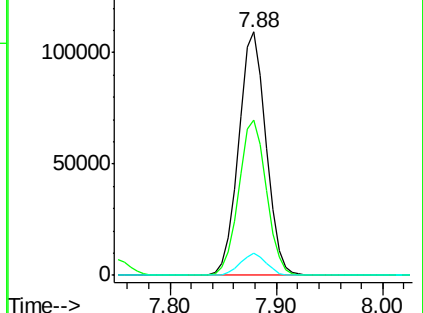
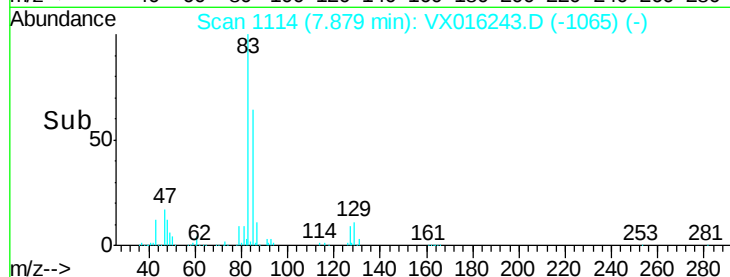
127 9.1 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.21 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

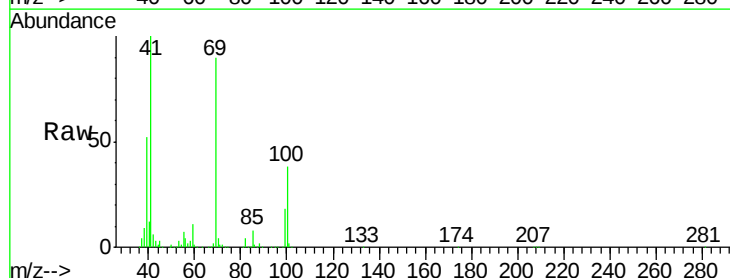
Tgt Ion: 41 Resp: 162213

Ion Ratio Lower Upper

41 100

69 89.6 67.8 101.6

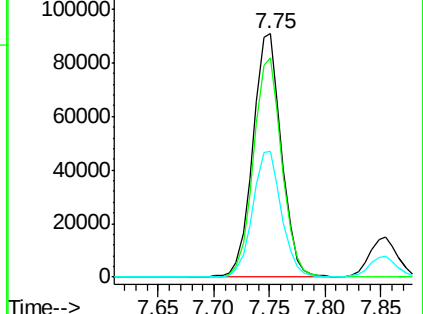
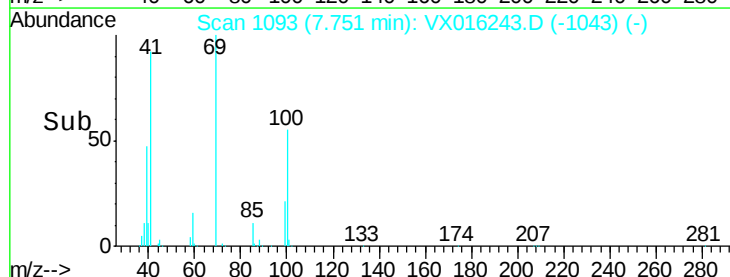
39 52.2 44.6 67.0

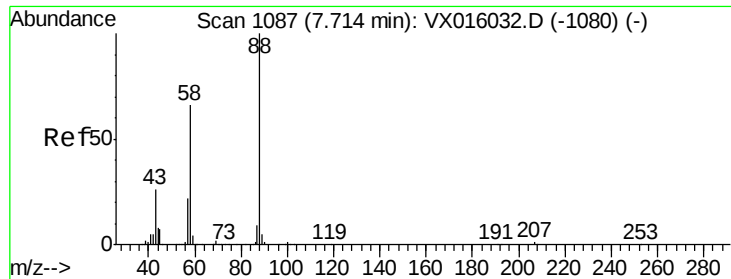


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 956.13 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

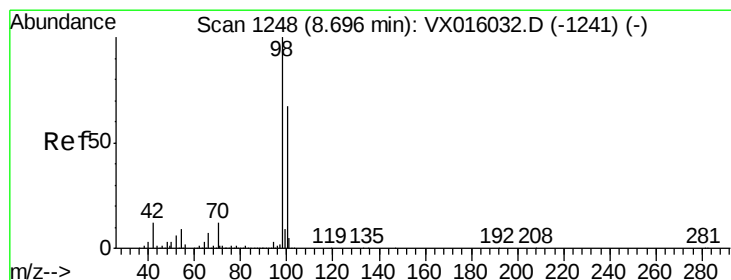
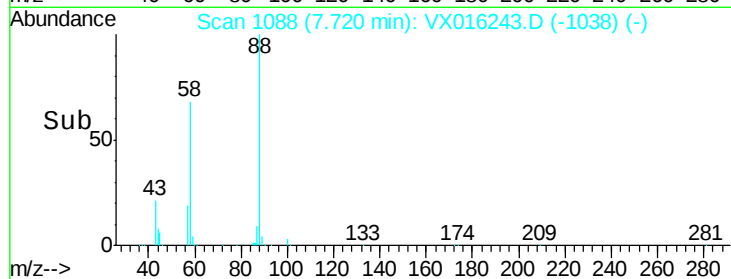
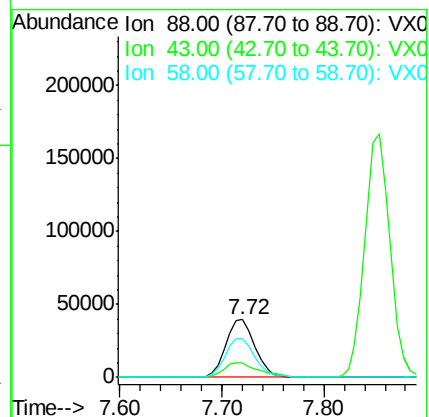
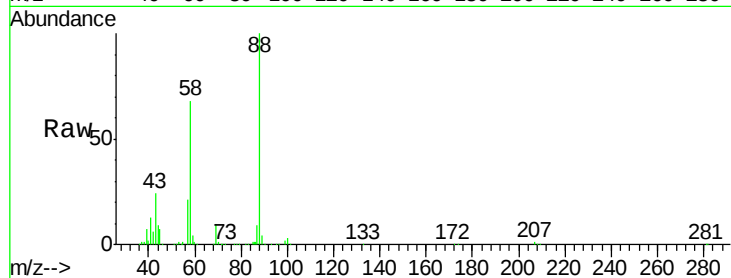
Tgt Ion: 88 Resp: 78799

Ion Ratio Lower Upper

88 100

43 28.8 25.3 37.9

58 69.6 55.9 83.9



#50

Toluene-d8

Concen: 48.07 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016243.D

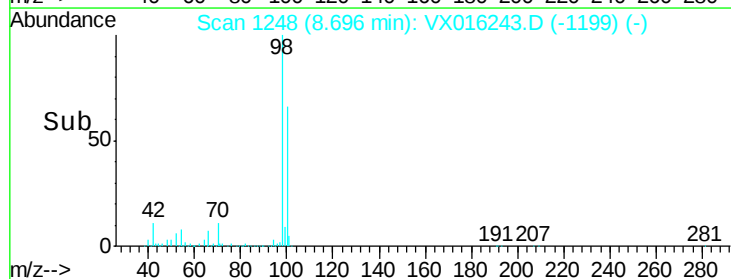
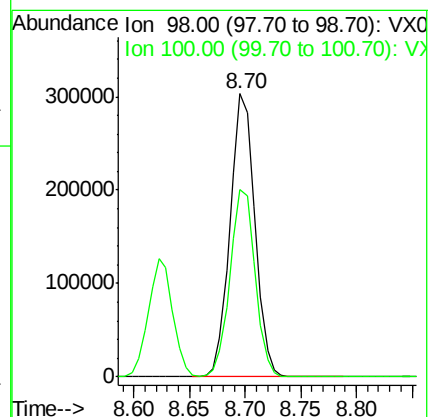
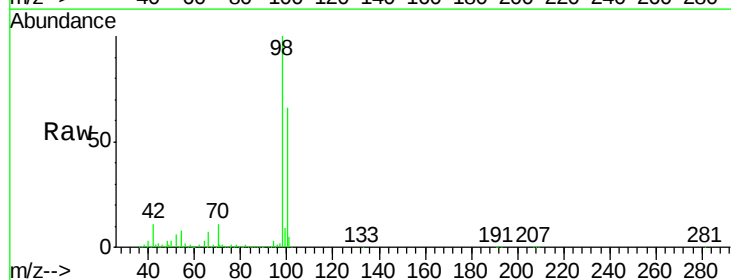
Acq: 14 May 2020 19:47

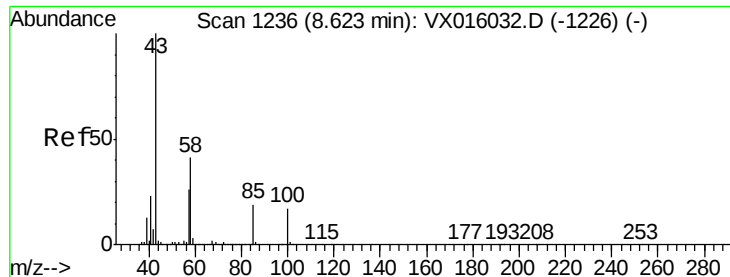
Tgt Ion: 98 Resp: 467482

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5

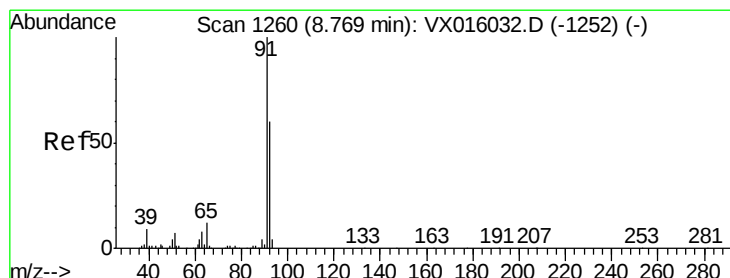
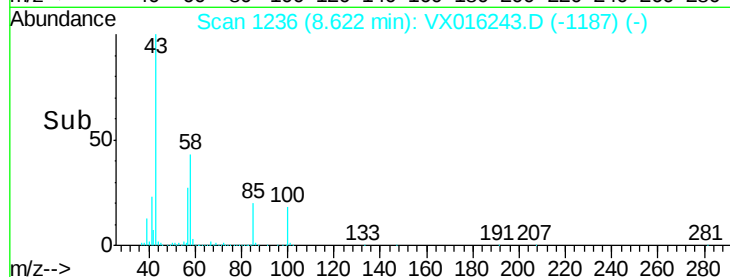
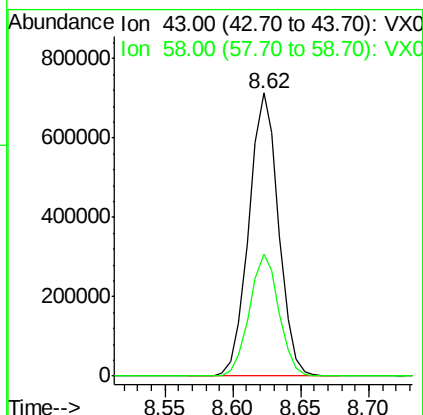
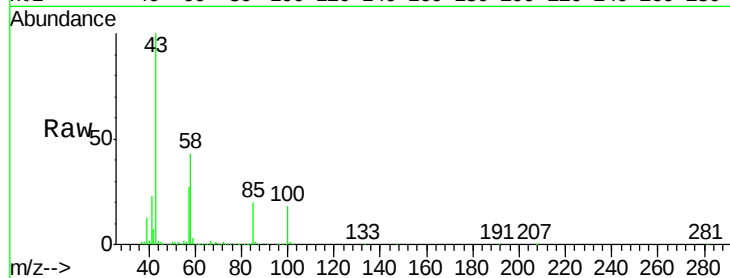




#51
 4-Methyl-2-Pentanone
 Concen: 245.93 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

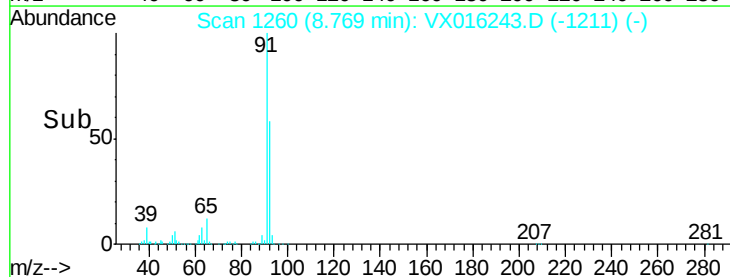
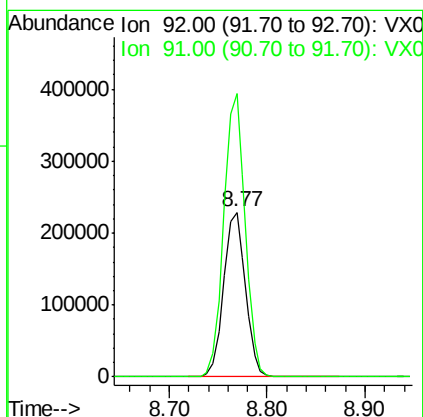
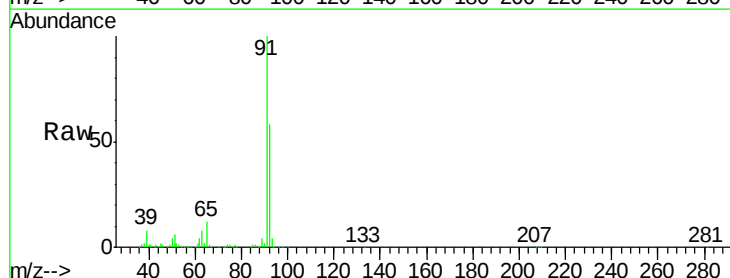
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

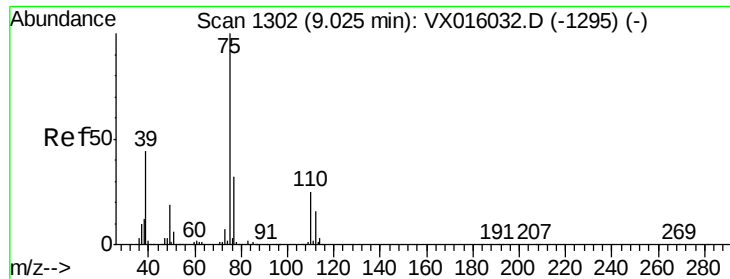
Tgt Ion: 43 Resp: 1091360
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.0 49.4



#52
 Toluene
 Concen: 49.25 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion: 92 Resp: 352201
 Ion Ratio Lower Upper
 92 100
 91 169.4 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 47.93 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

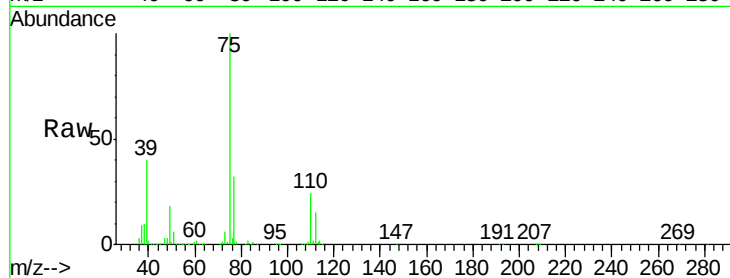
SS052MW601-200513MS

Tgt Ion: 75 Resp: 229646

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

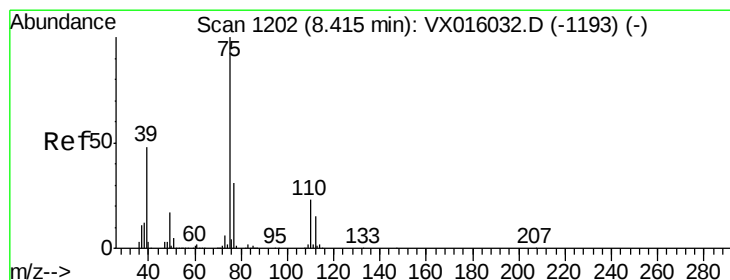
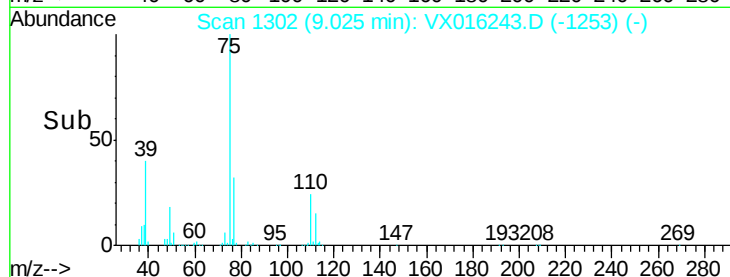
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 47.81 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

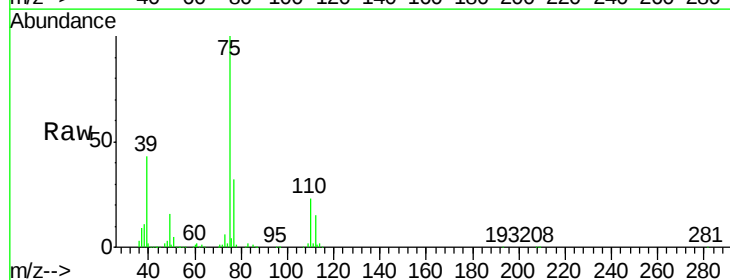
Tgt Ion: 75 Resp: 239276

Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 43.0 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

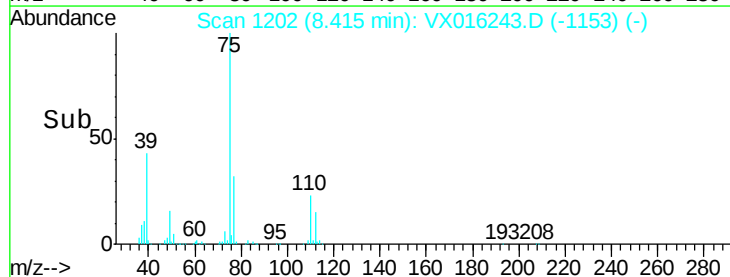
150000

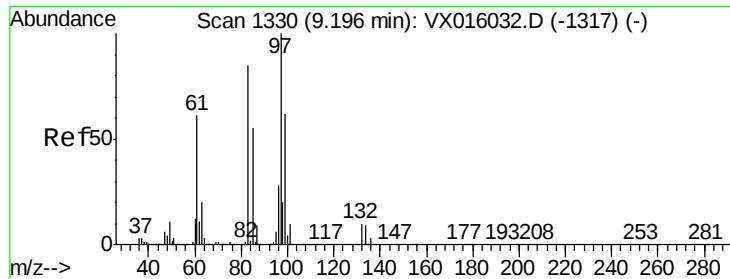
100000

50000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 50.40 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tgt Ion: 97 Resp: 141830

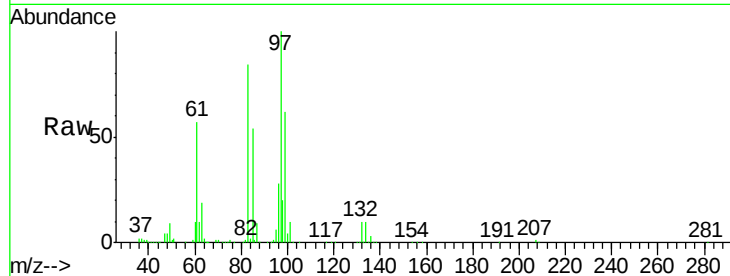
Ion Ratio Lower Upper

97 100

83 83.5 67.8 101.8

85 54.4 43.8 65.8

99 62.3 49.4 74.0

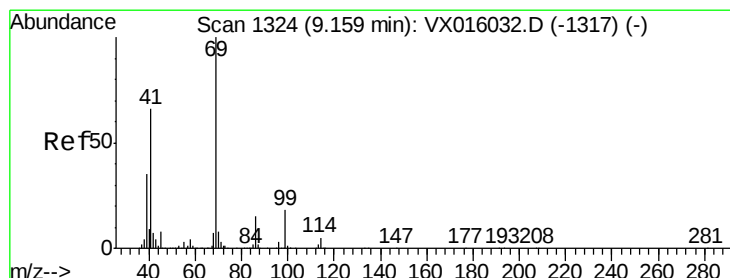
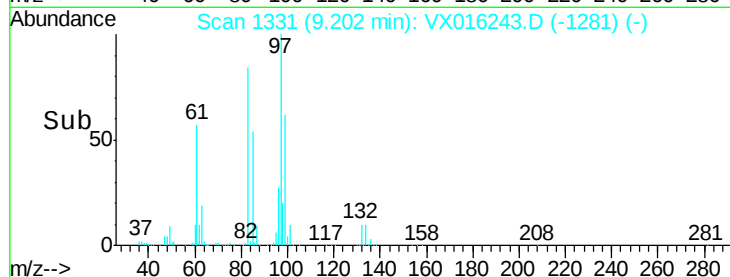
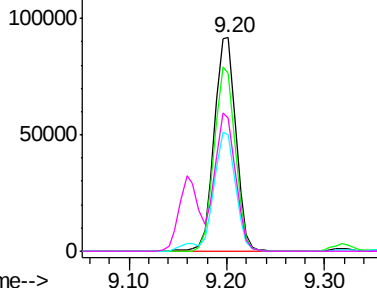


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.81 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

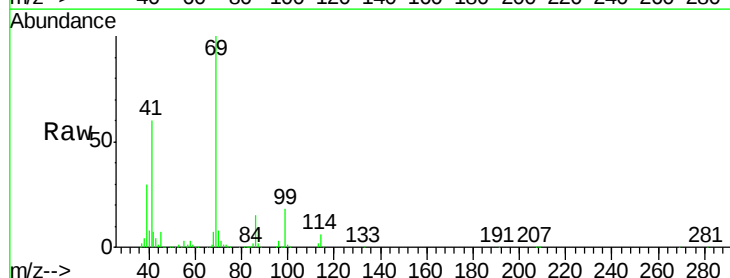
Tgt Ion: 69 Resp: 233356

Ion Ratio Lower Upper

69 100

41 61.3 52.2 78.4

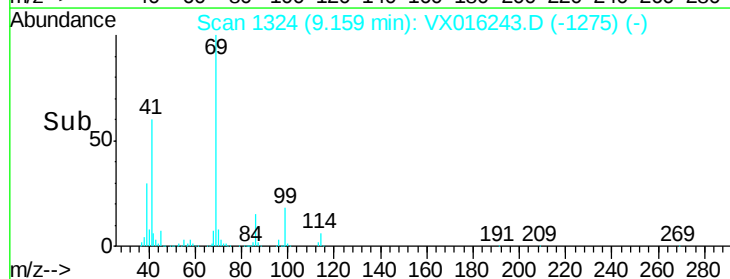
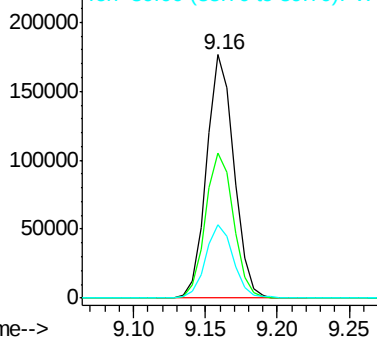
39 30.8 28.2 42.4

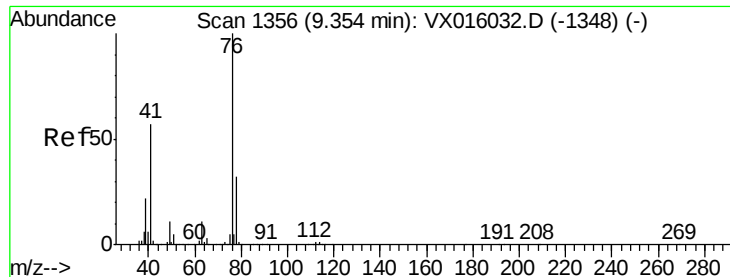


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.20 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

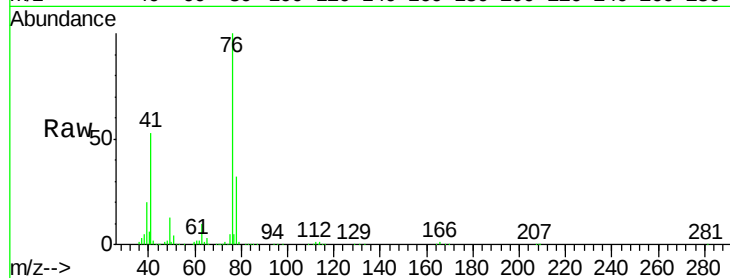
SS052MW601-200513MS

Tgt Ion: 76 Resp: 246472

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

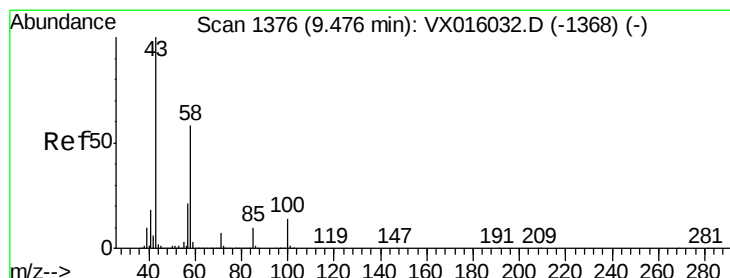
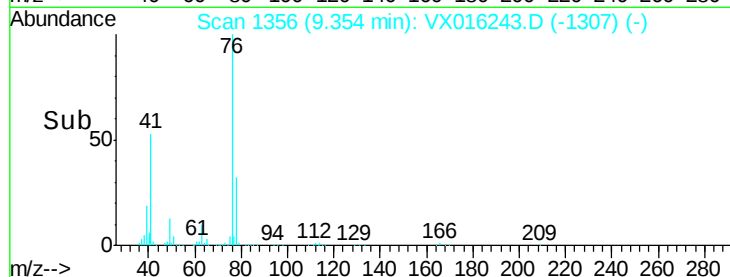
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 242.70 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016243.D

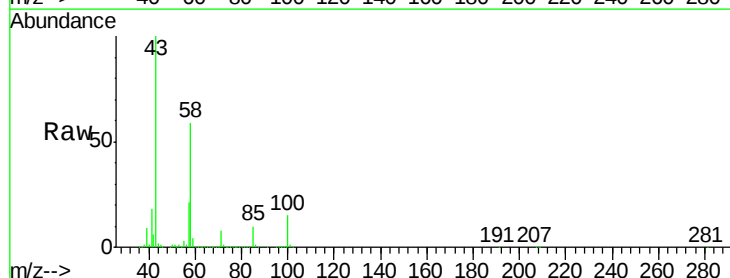
Acq: 14 May 2020 19:47

Tgt Ion: 43 Resp: 845838

Ion Ratio Lower Upper

43 100

58 59.9 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

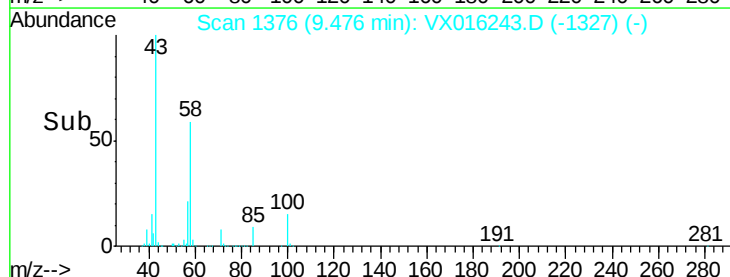
600000

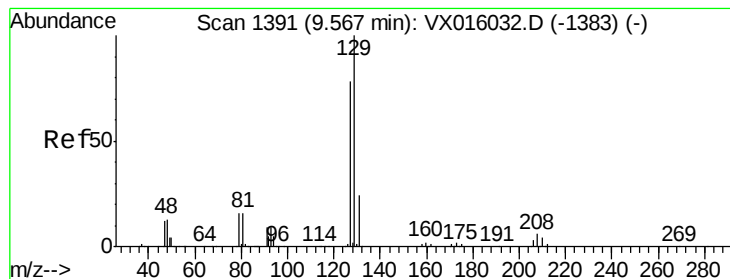
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 52.04 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

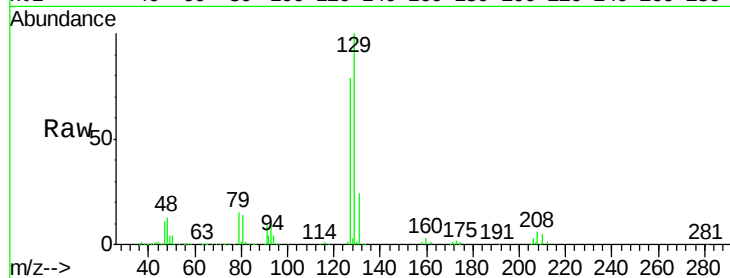
SS052MW601-200513MS

Tgt Ion:129 Resp: 161268

Ion Ratio Lower Upper

129 100

127 77.3 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

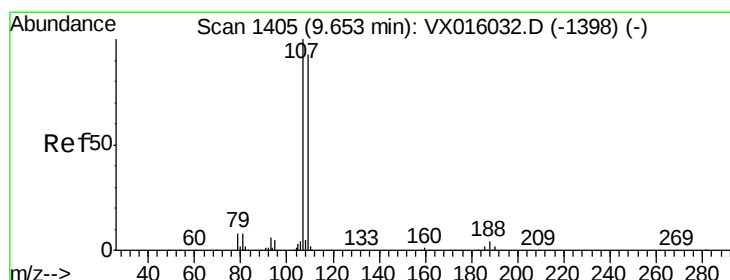
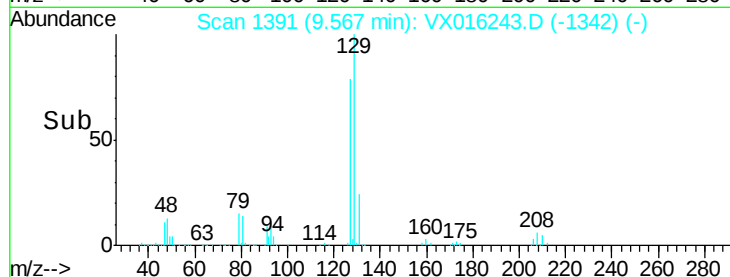
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 49.75 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016243.D

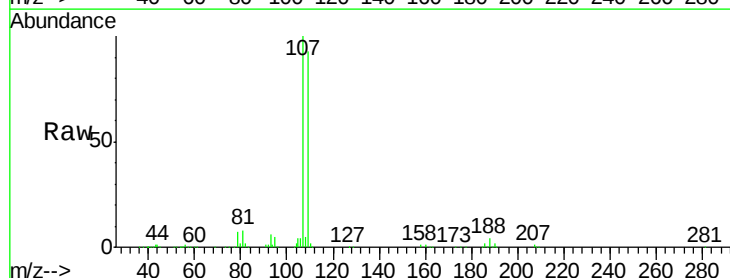
Acq: 14 May 2020 19:47

Tgt Ion:107 Resp: 151624

Ion Ratio Lower Upper

107 100

109 94.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

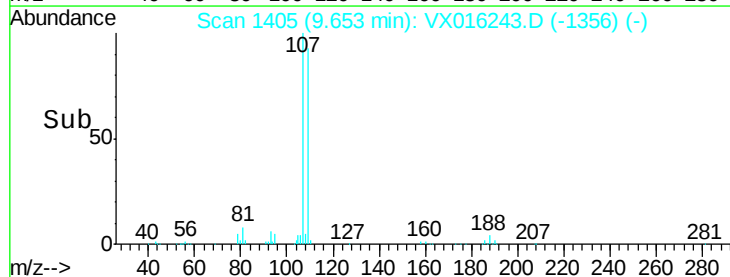
60000

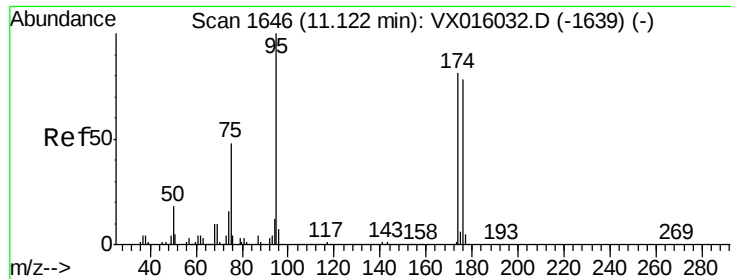
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.97 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

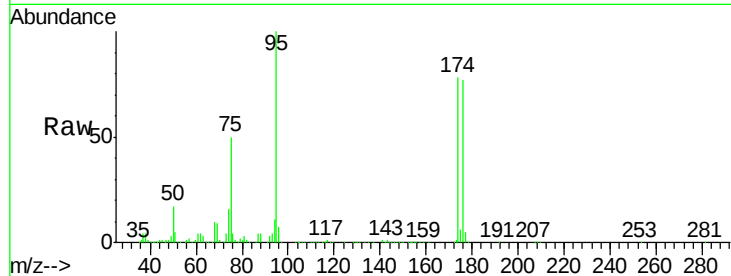
Tgt Ion: 95 Resp: 184842

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.4

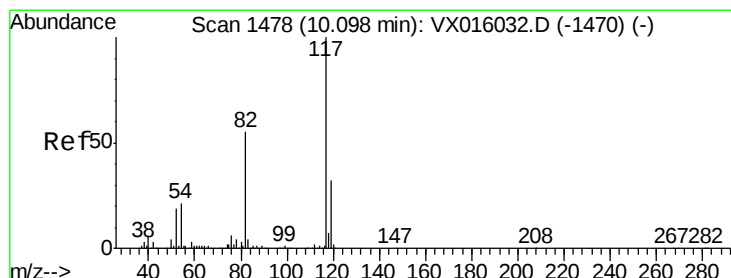
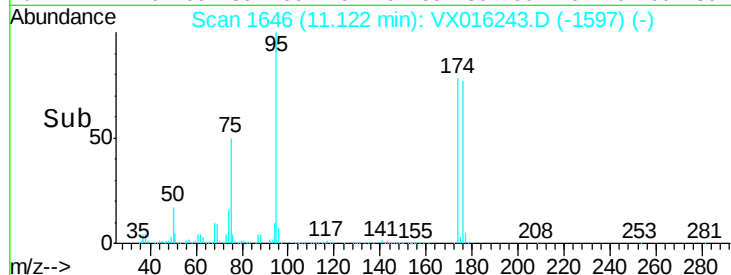
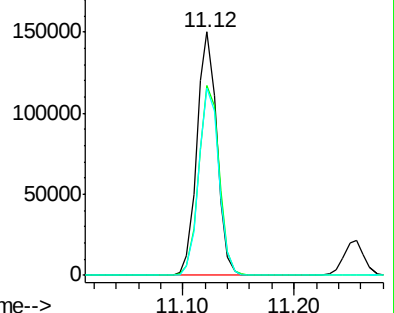
176 78.1 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016243.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016243.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016243.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

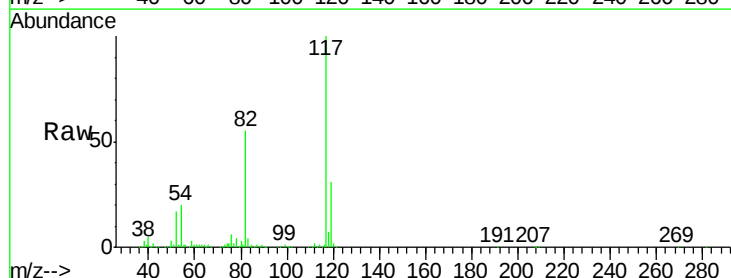
Tgt Ion: 117 Resp: 374104

Ion Ratio Lower Upper

117 100

82 54.6 44.4 66.6

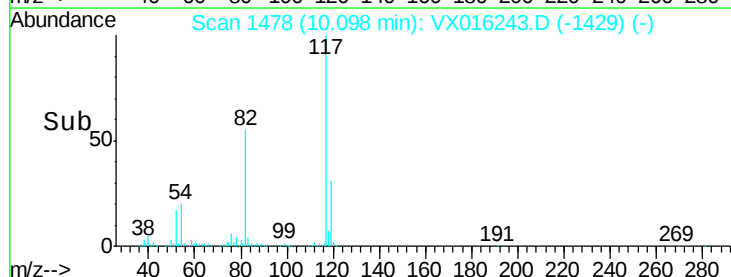
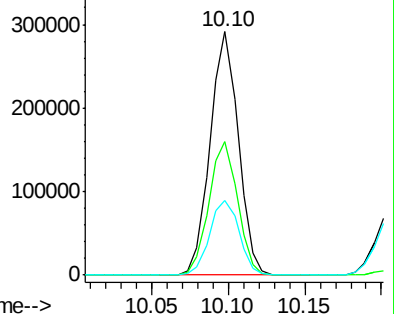
119 30.7 25.5 38.3

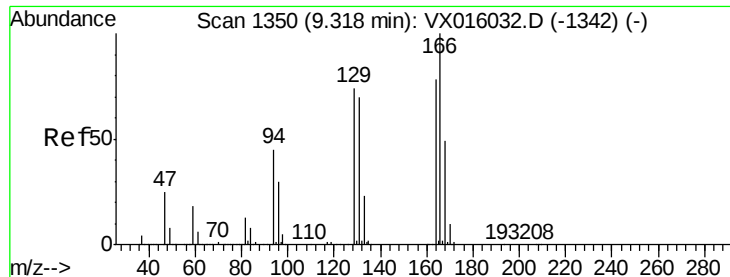


Abundance Ion 116.90 (116.60 to 117.60): VX016243.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016243.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016243.D (-1429) (-)





#64

Tetrachloroethene

Concen: 43.67 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tgt Ion:164 Resp: 200547

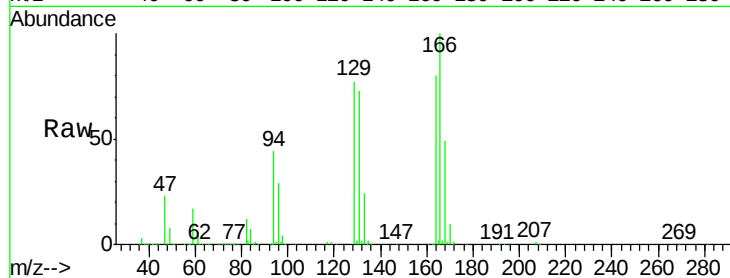
Ion Ratio Lower Upper

164 100

166 125.8 102.9 154.3

129 97.3 76.1 114.1

131 91.4 71.9 107.9

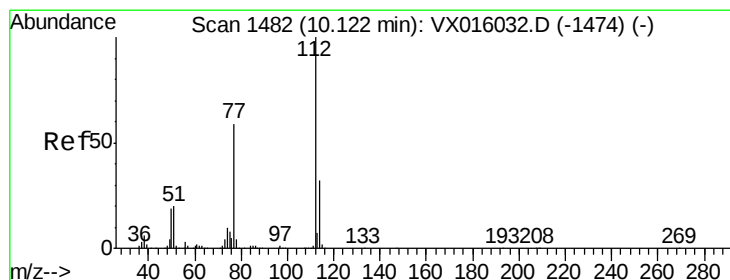
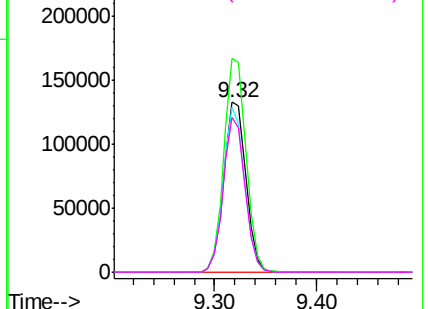
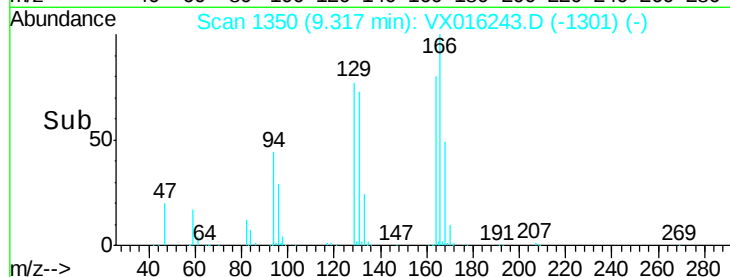


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.06 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016243.D

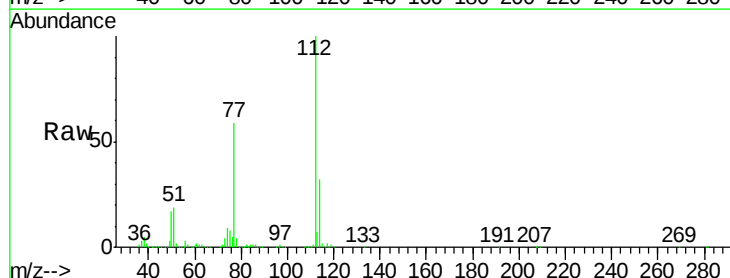
Acq: 14 May 2020 19:47

Tgt Ion:112 Resp: 376487

Ion Ratio Lower Upper

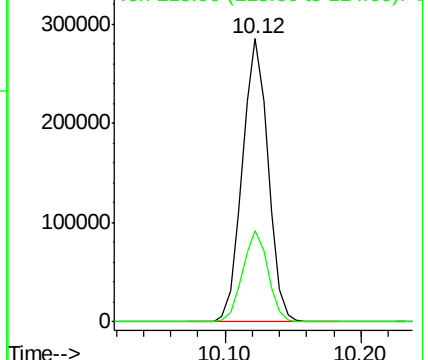
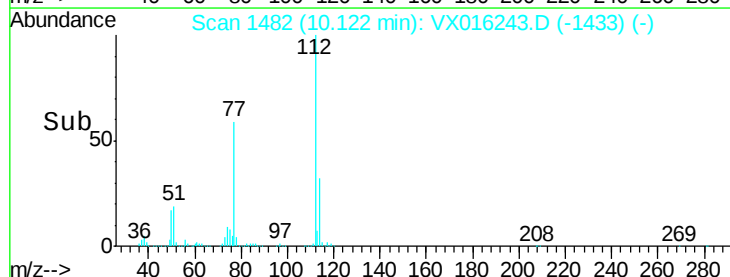
112 100

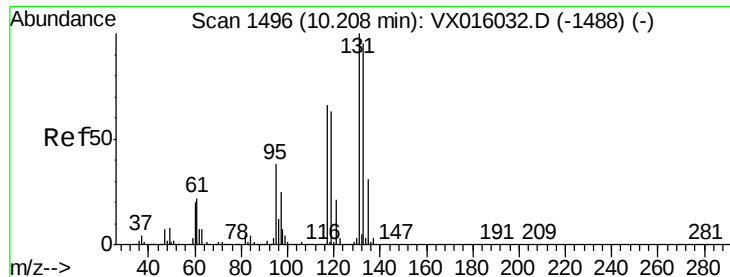
114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.41 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

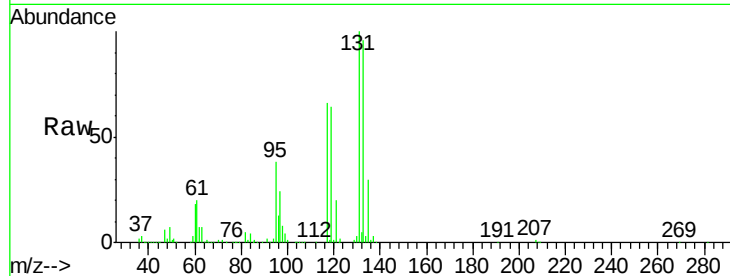
Tgt Ion:131 Resp: 143063

Ion Ratio Lower Upper

131 100

133 96.1 48.3 144.8

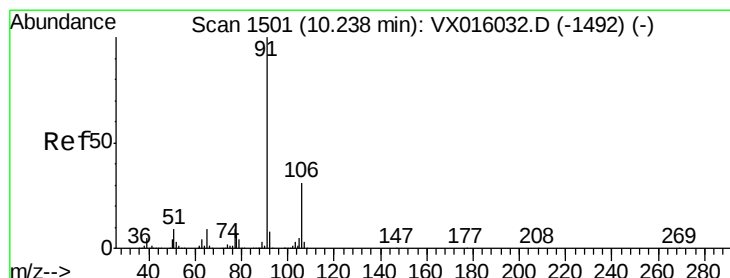
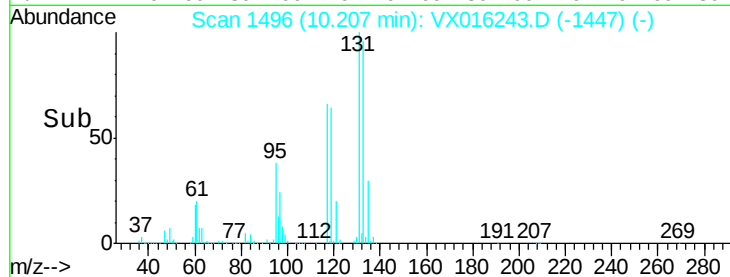
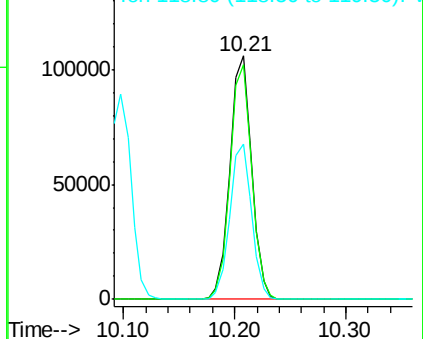
119 64.0 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 48.24 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016243.D

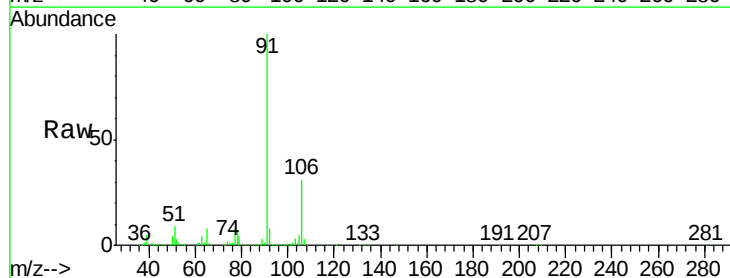
Acq: 14 May 2020 19:47

Tgt Ion: 91 Resp: 674224

Ion Ratio Lower Upper

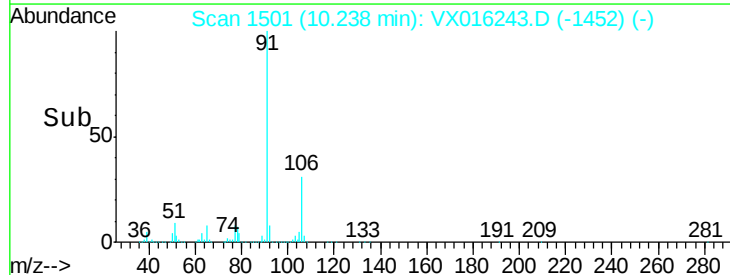
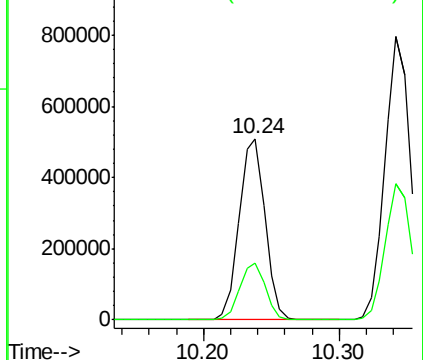
91 100

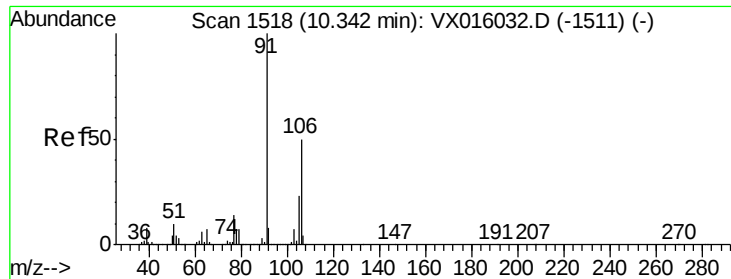
106 31.5 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

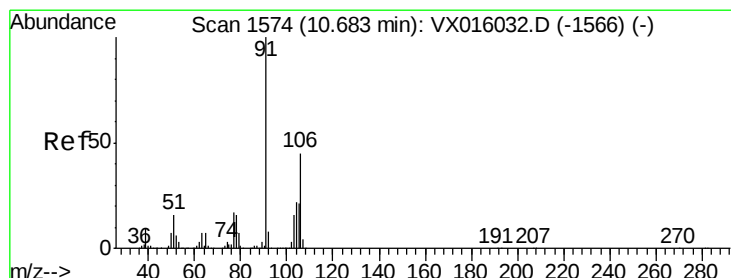
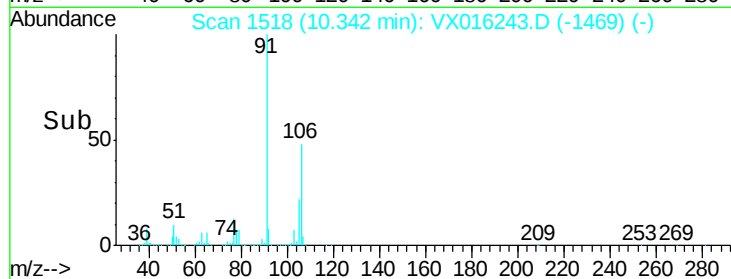
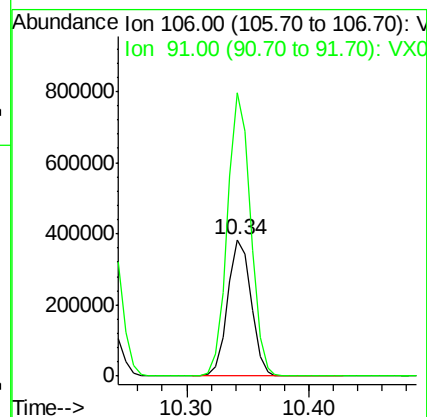
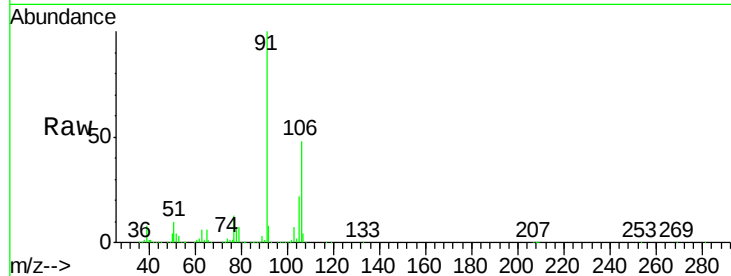




#68
m/p-Xylenes
Concen: 97.25 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

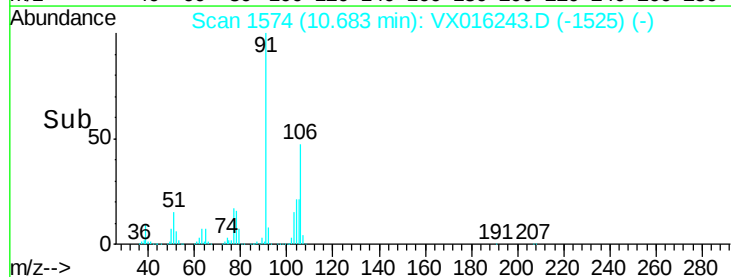
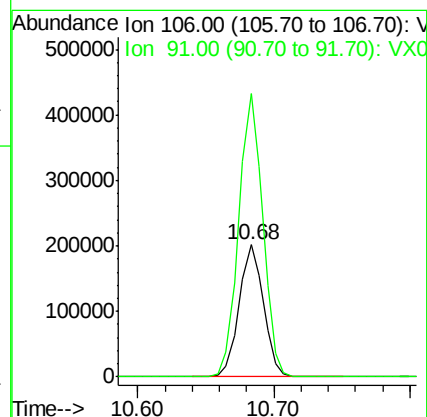
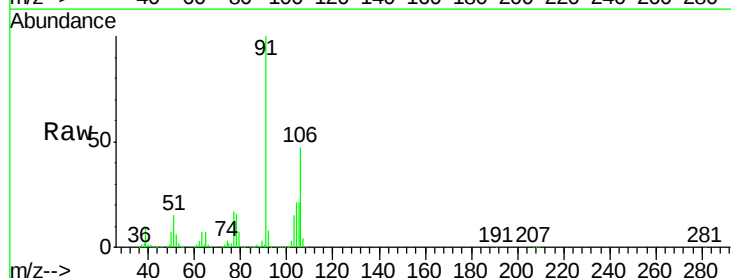
Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

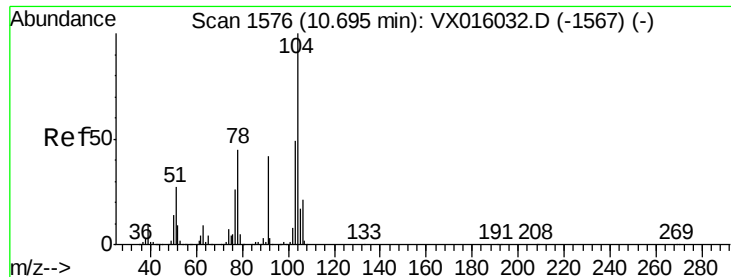
Tgt Ion:106 Resp: 509236
Ion Ratio Lower Upper
106 100
91 204.5 161.7 242.5



#69
o-Xylene
Concen: 49.74 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion:106 Resp: 250379
Ion Ratio Lower Upper
106 100
91 212.7 107.5 322.6





#70

Styrene

Concen: 49.71 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

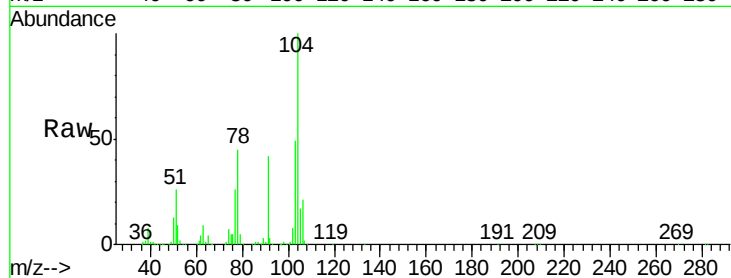
Tgt Ion:104 Resp: 424523

Ion Ratio Lower Upper

104 100

78 50.1 40.2 60.2

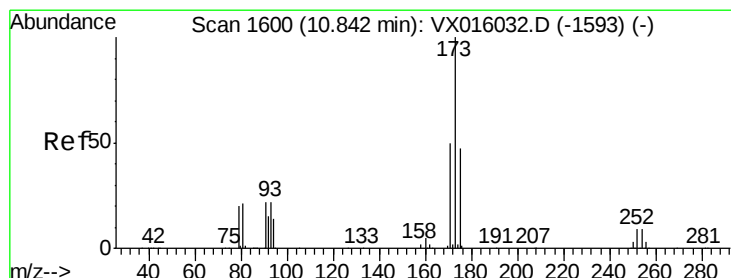
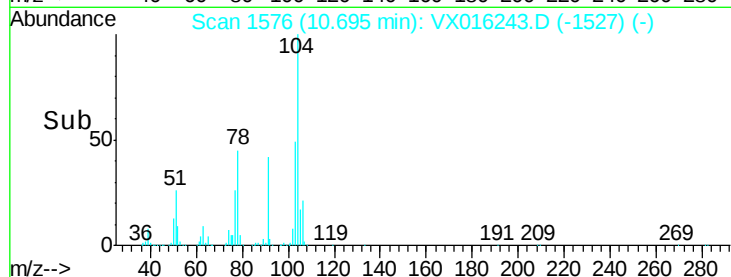
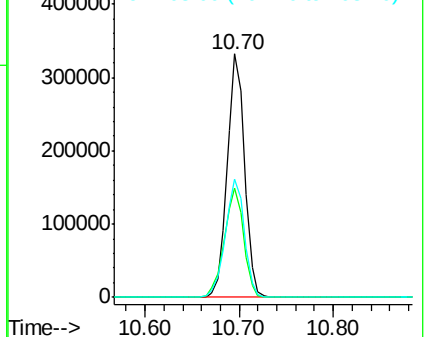
103 53.3 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 53.88 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

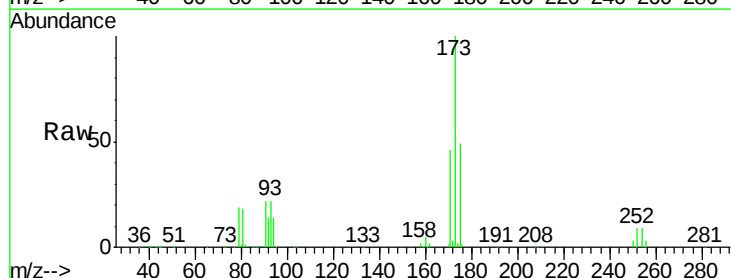
Tgt Ion:173 Resp: 127106

Ion Ratio Lower Upper

173 100

175 47.8 24.0 72.0

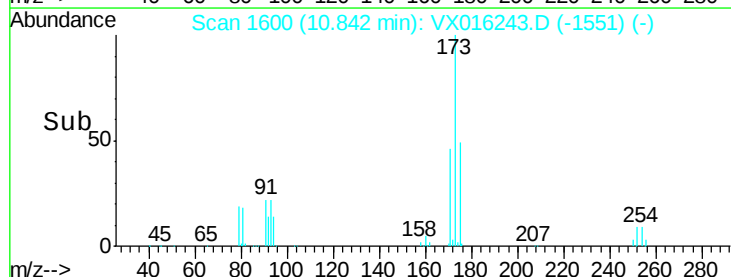
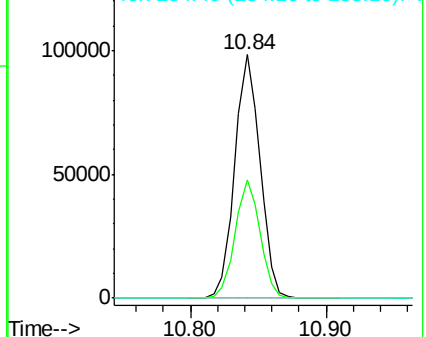
254 0.1 0.1 0.1#

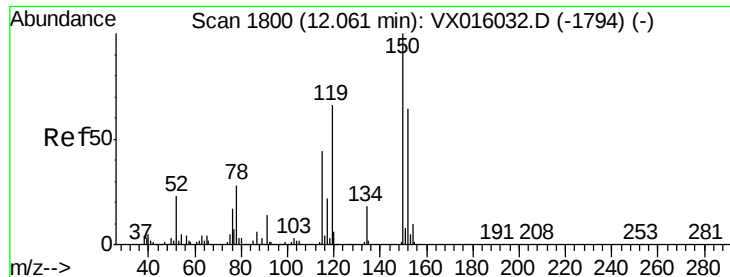


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

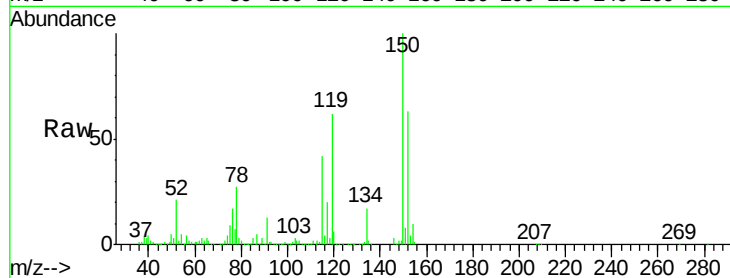
Tgt Ion:152 Resp: 195810

Ion Ratio Lower Upper

152 100

115 80.6 41.3 124.1

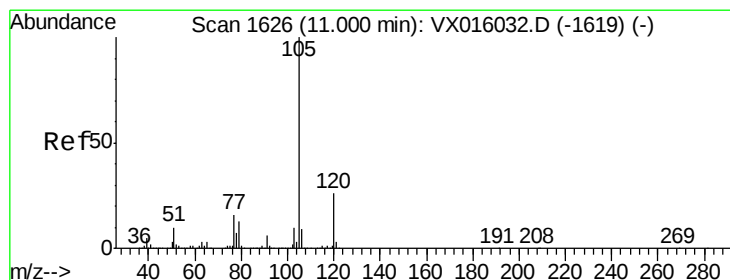
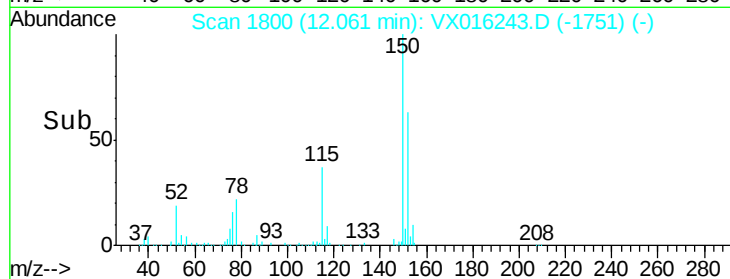
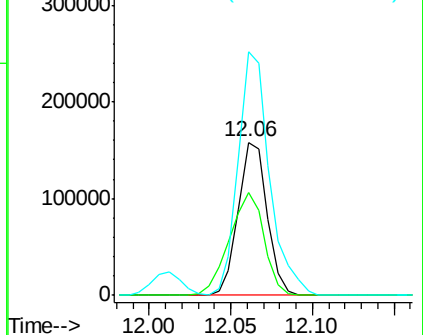
150 172.6 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 46.06 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016243.D

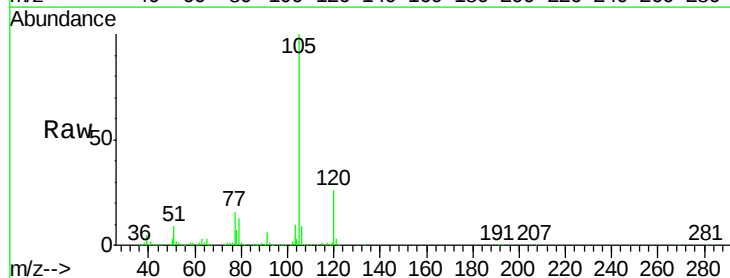
Acq: 14 May 2020 19:47

Tgt Ion:105 Resp: 655933

Ion Ratio Lower Upper

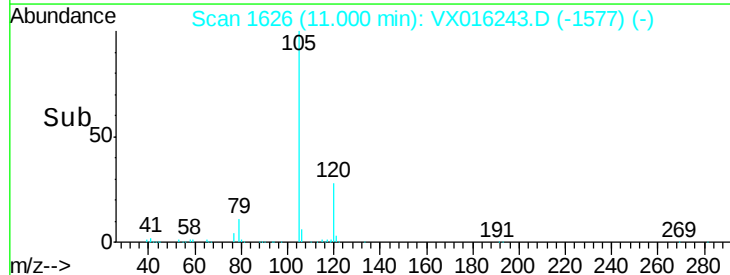
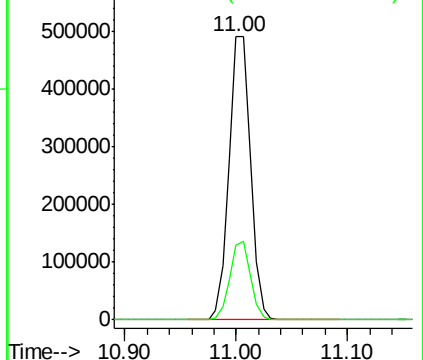
105 100

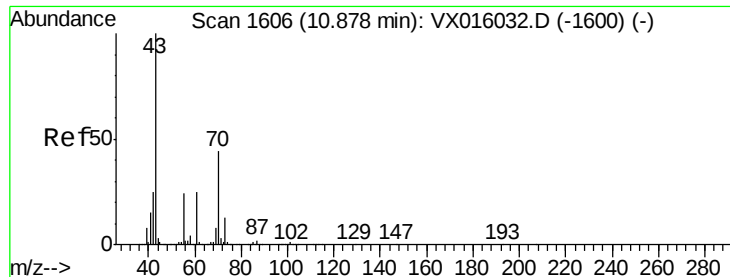
120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 43.24 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tgt Ion: 43 Resp: 287239

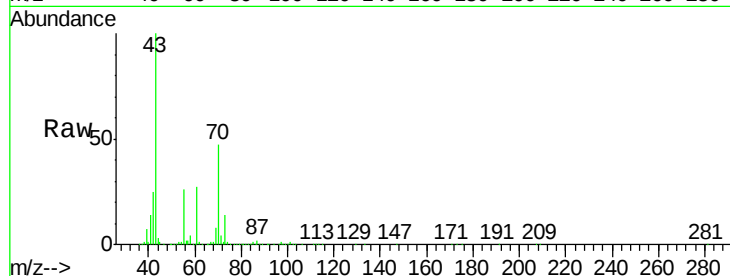
Ion Ratio Lower Upper

43 100

70 47.2 36.5 54.7

55 25.5 19.7 29.5

61 26.6 20.9 31.3

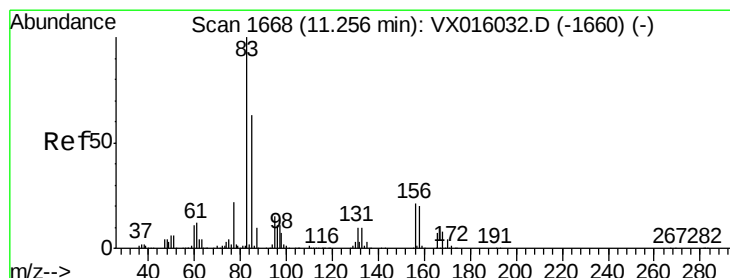
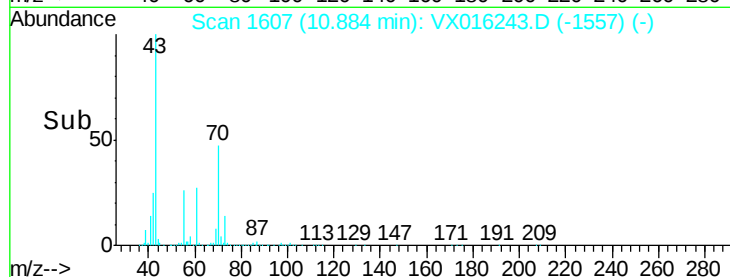
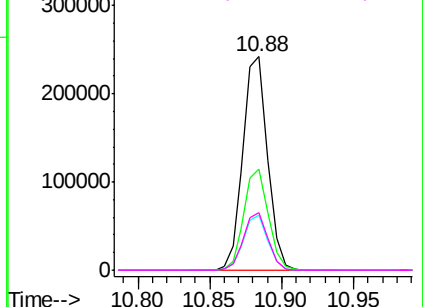


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 61.37 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

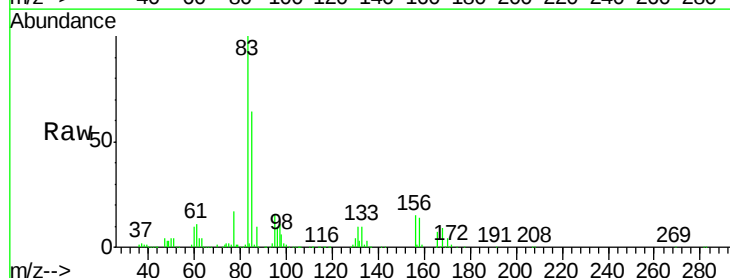
Tgt Ion: 83 Resp: 176626

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

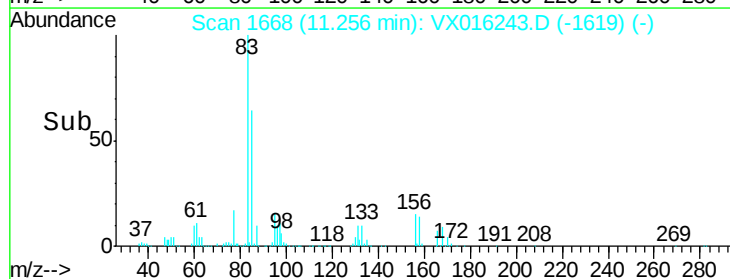
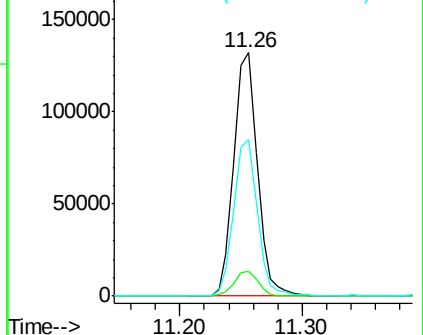
85 64.5 32.0 96.0

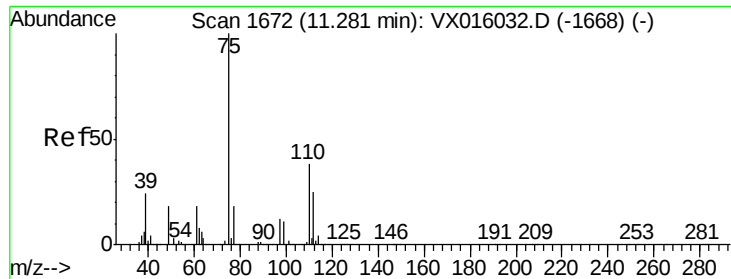


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

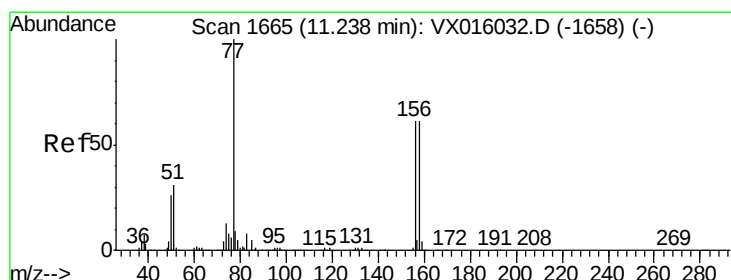
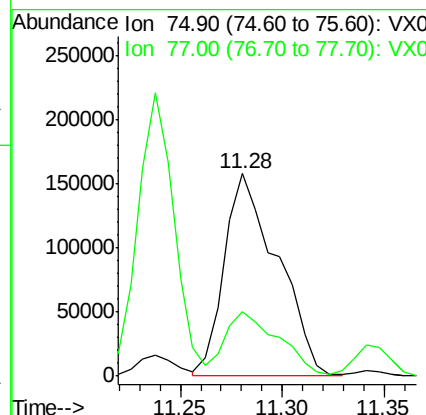
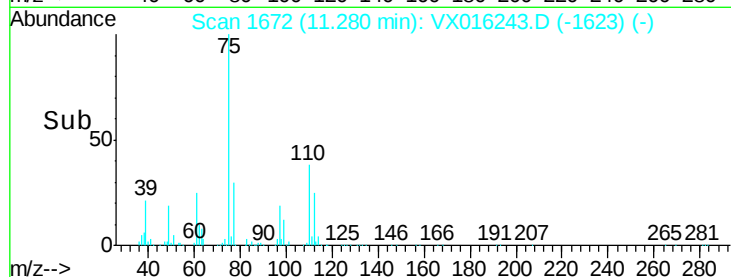
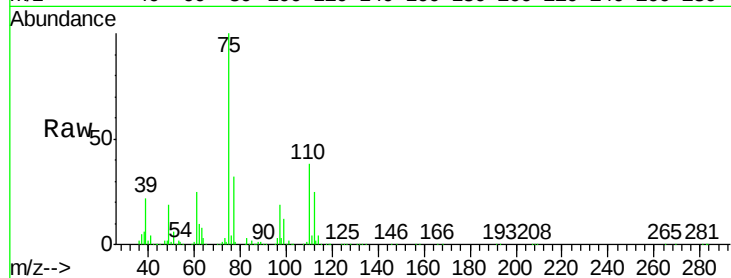




#76
 1,2,3-Trichloropropane
 Concen: 64.19 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

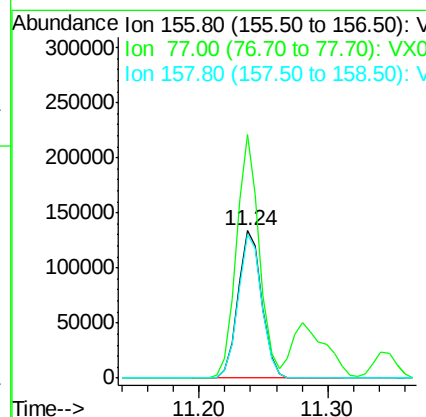
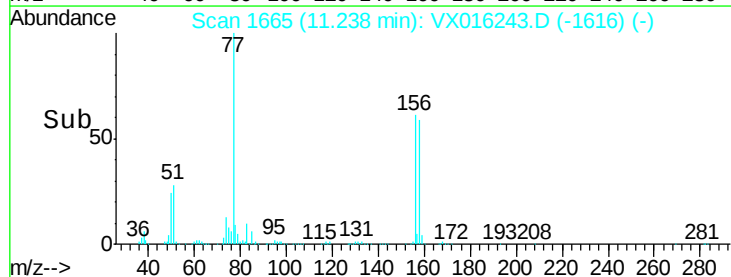
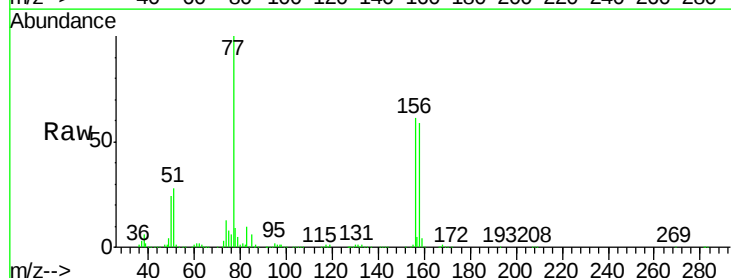
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

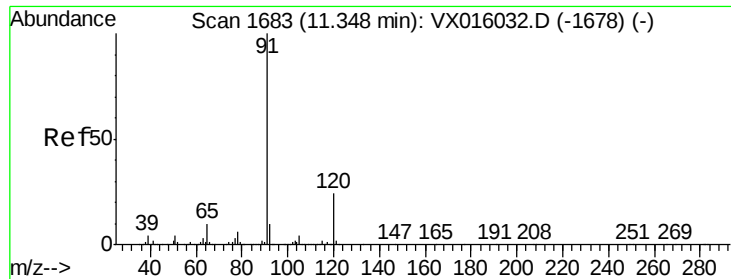
Tgt Ion: 75 Resp: 285204
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.2 63.6



#77
 Bromobenzene
 Concen: 46.67 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion: 156 Resp: 171576
 Ion Ratio Lower Upper
 156 100
 77 159.4 80.1 240.3
 158 97.2 49.4 148.2





#78

n-propylbenzene

Concen: 45.97 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

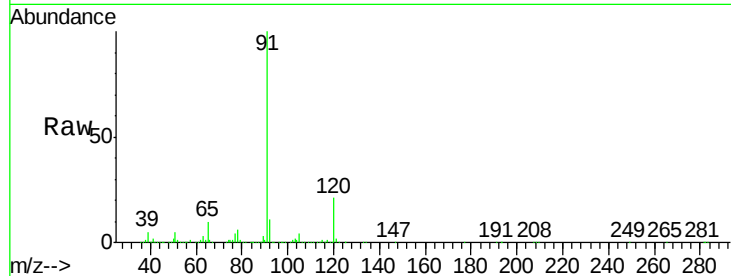
SS052MW601-200513MS

Tgt Ion: 91 Resp: 761734

Ion Ratio Lower Upper

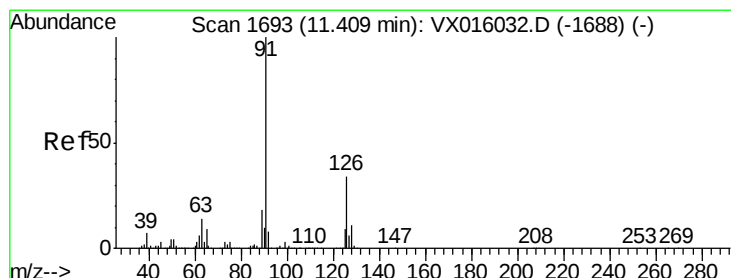
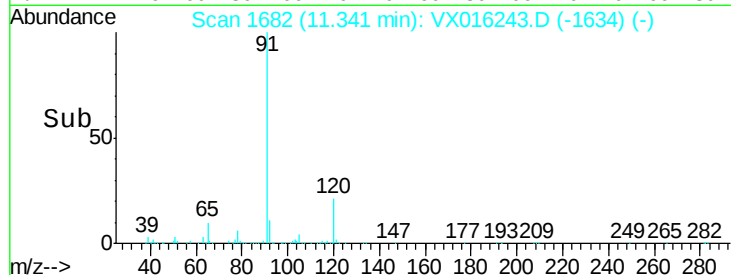
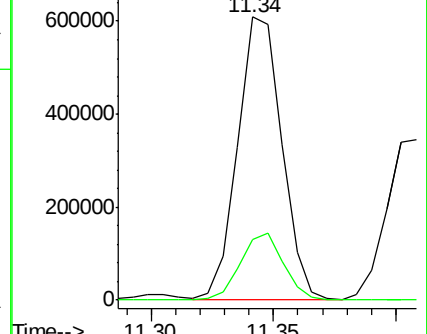
91 100

120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 46.30 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016243.D

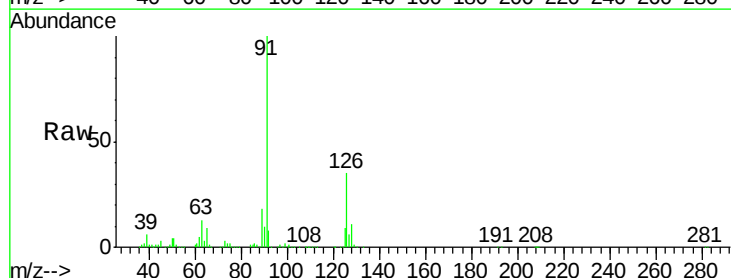
Acq: 14 May 2020 19:47

Tgt Ion: 91 Resp: 452793

Ion Ratio Lower Upper

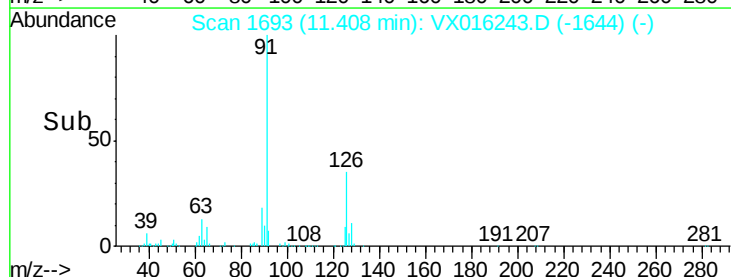
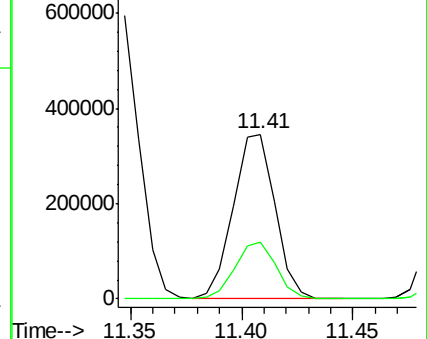
91 100

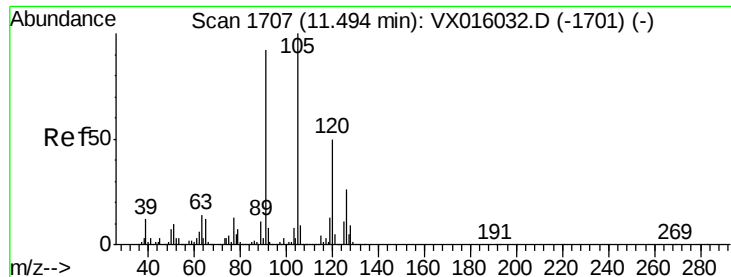
126 33.7 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 46.62 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

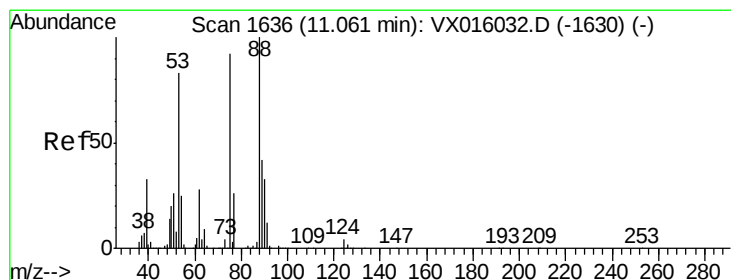
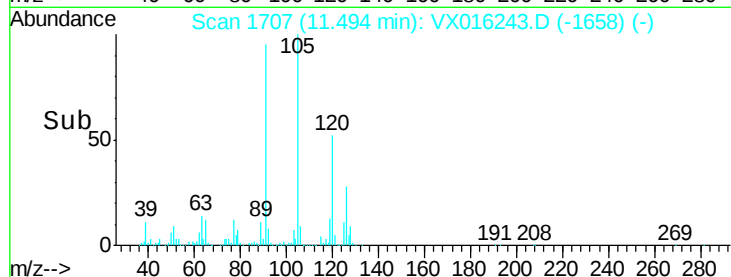
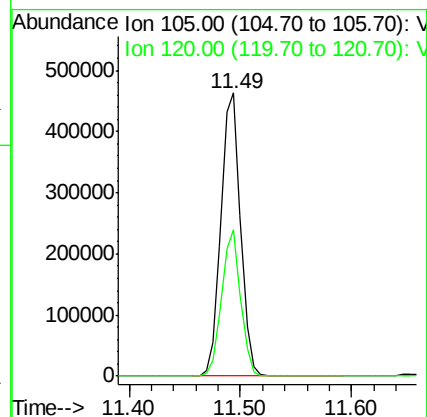
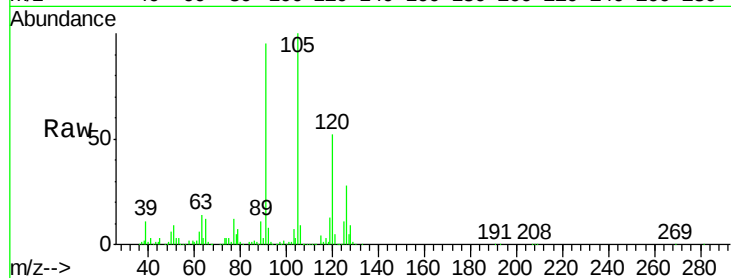
SS052MW601-200513MS

Tgt Ion: 105 Resp: 560549

Ion Ratio Lower Upper

105 100

120 50.0 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 46.24 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

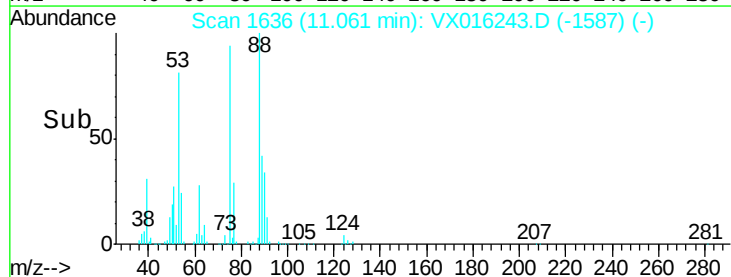
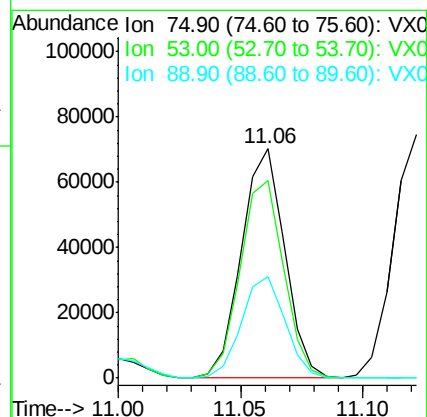
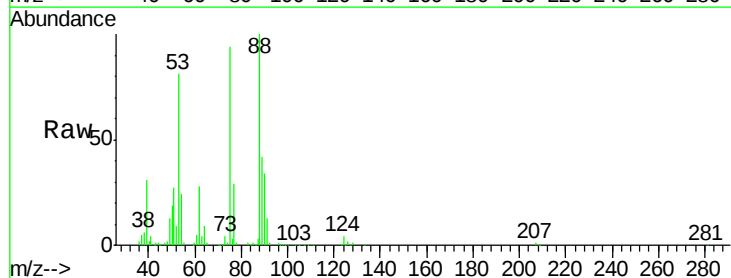
Tgt Ion: 75 Resp: 86208

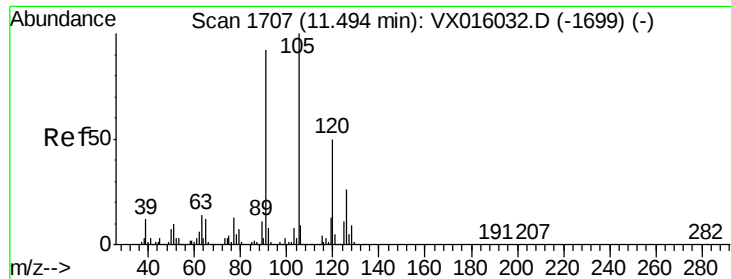
Ion Ratio Lower Upper

75 100

53 87.1 73.1 109.7

89 45.0 36.7 55.1

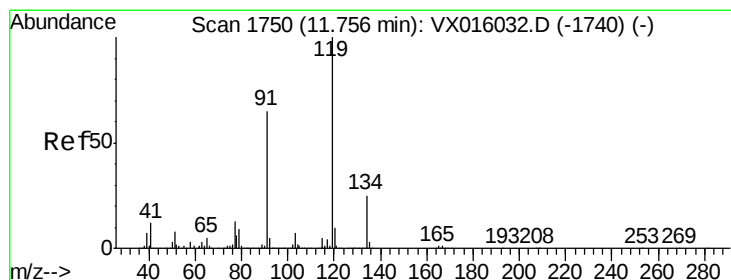
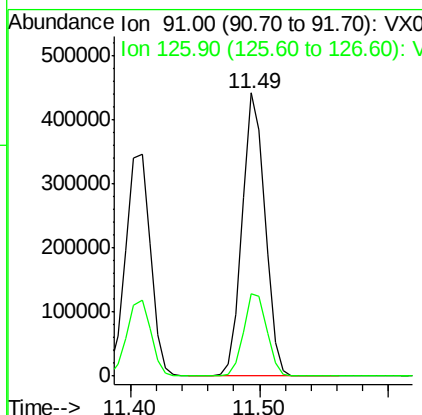
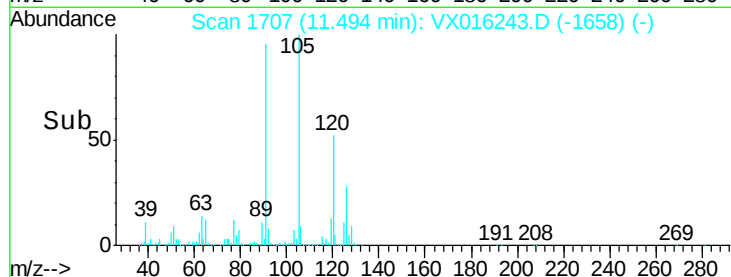
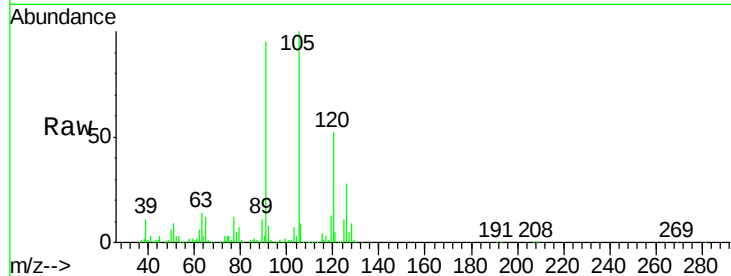




#82
4-Chlorotoluene
Concen: 46.88 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

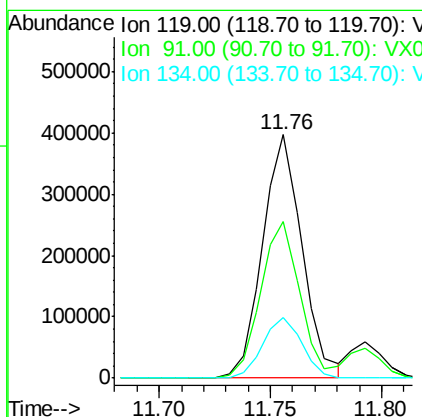
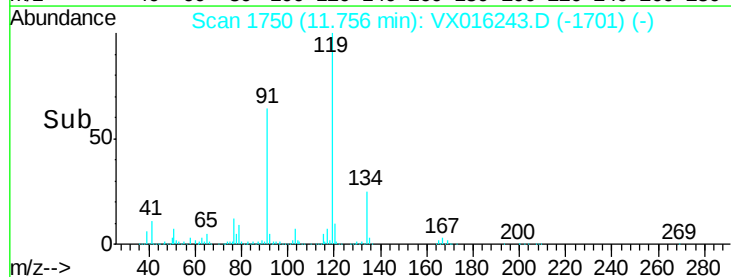
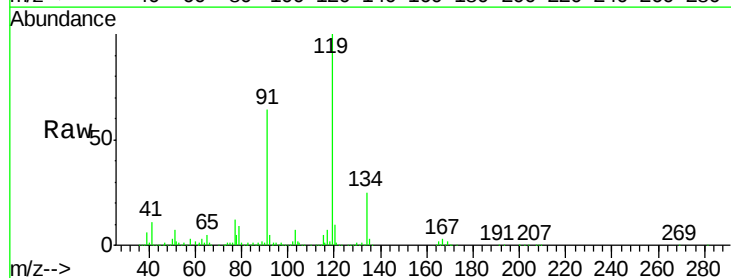
Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

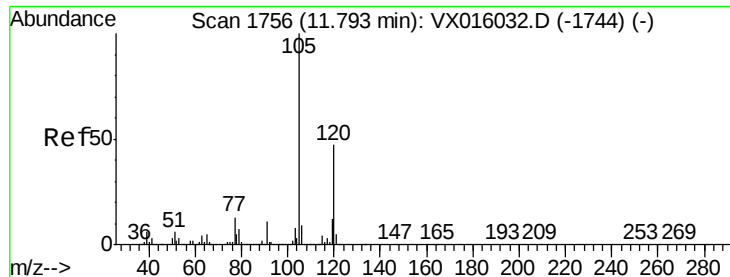
Tgt Ion: 91 Resp: 541363
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.3



#83
tert-Butylbenzene
Concen: 47.20 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion: 119 Resp: 489134
Ion Ratio Lower Upper
119 100
91 63.4 32.8 98.4
134 24.8 12.4 37.0

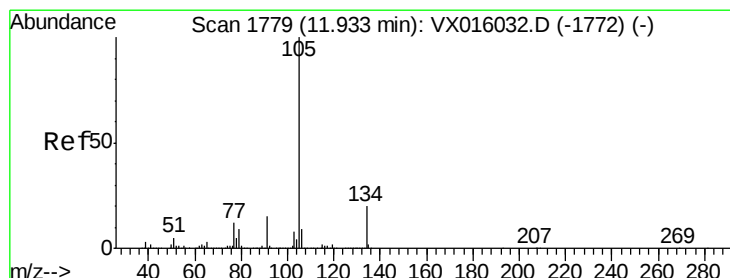
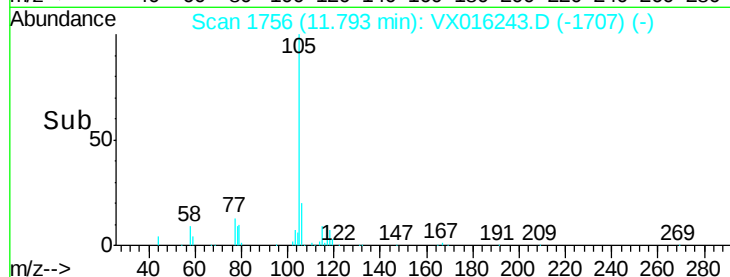
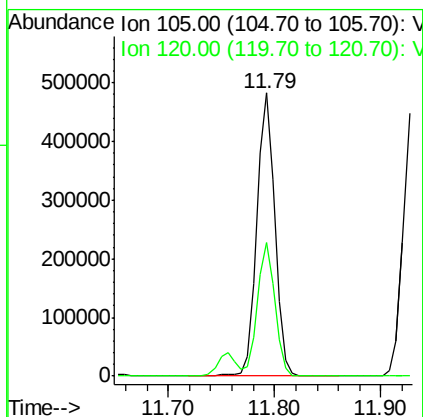
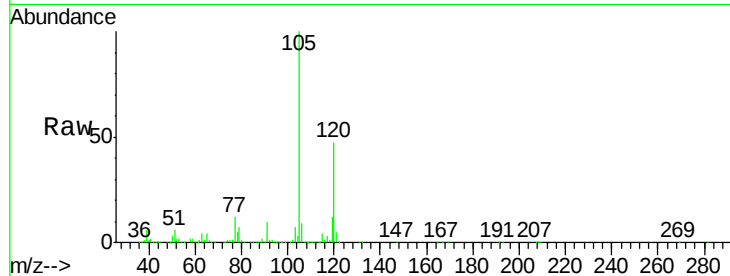




#84
 1,2,4-Trimethylbenzene
 Concen: 47.10 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

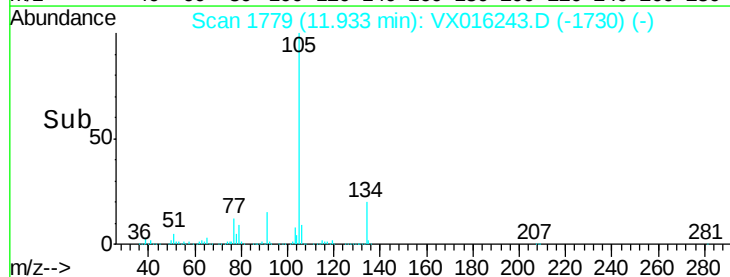
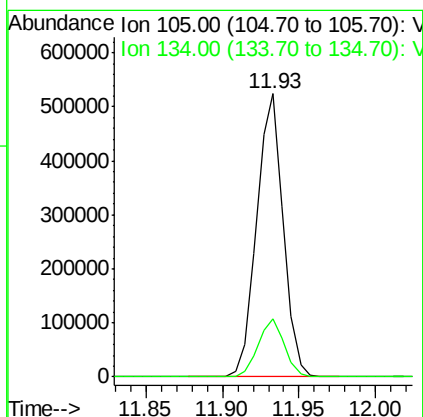
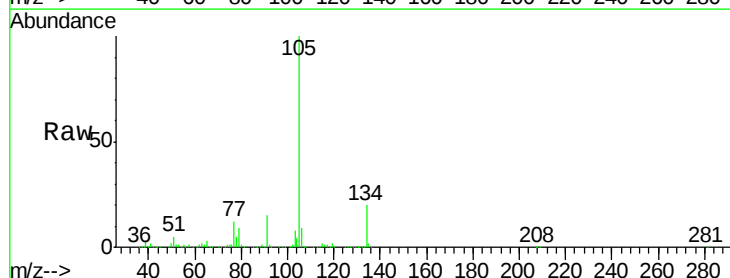
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

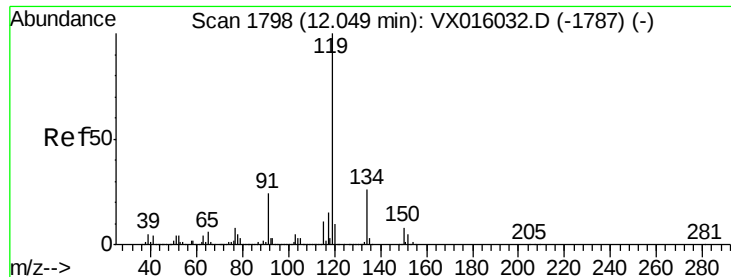
Tgt Ion:105 Resp: 572581
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 45.05 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion:105 Resp: 630342
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3





#86

p-Isopropyltoluene

Concen: 45.88 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

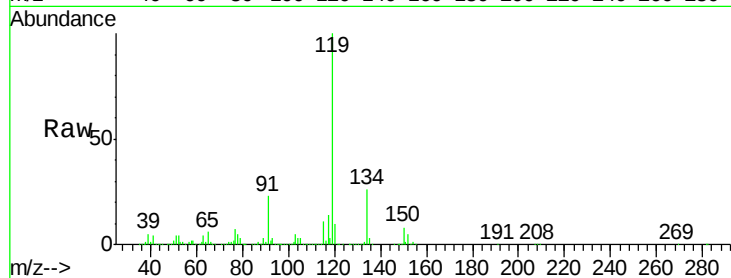
Tgt Ion:119 Resp: 596042

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

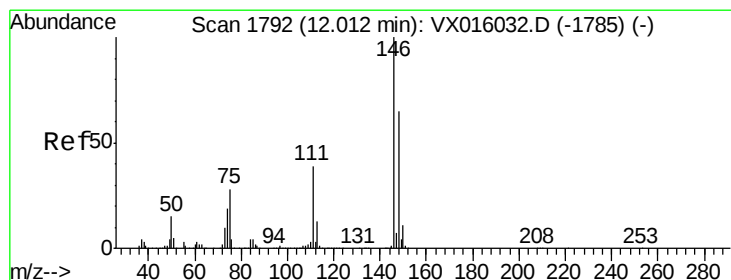
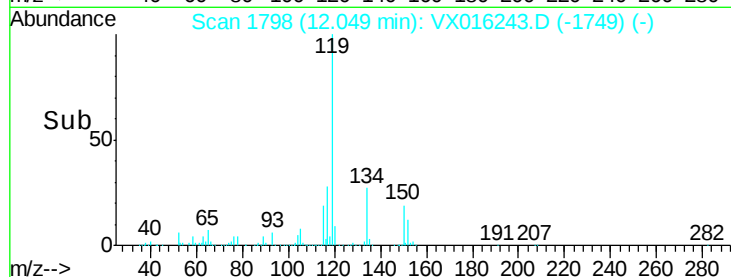
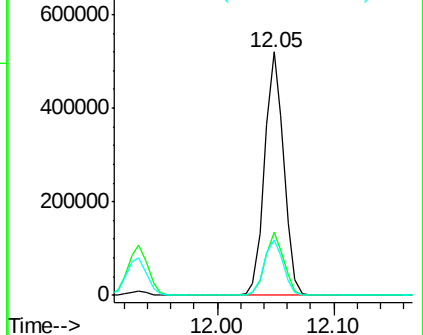
91 23.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 46.07 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

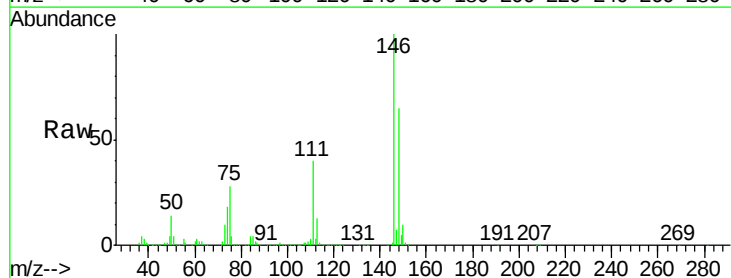
Tgt Ion:146 Resp: 304091

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

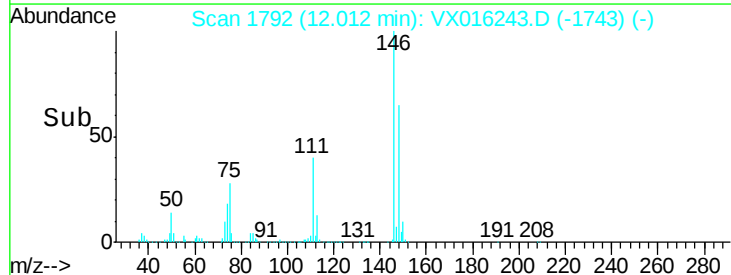
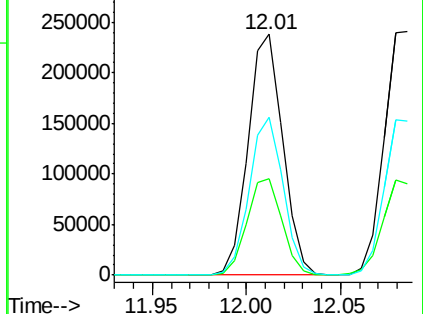
148 64.1 32.1 96.3

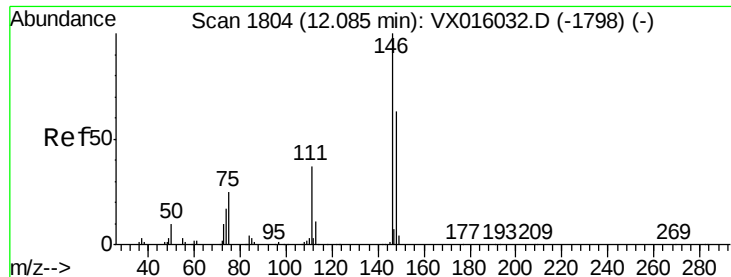


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

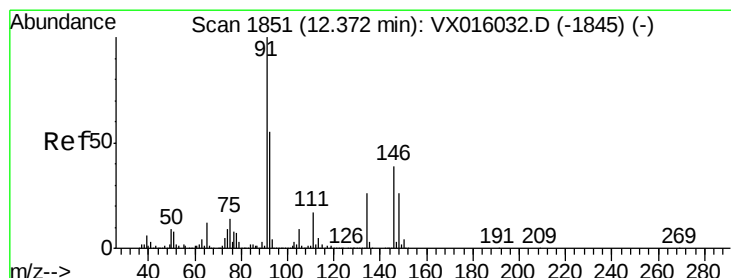
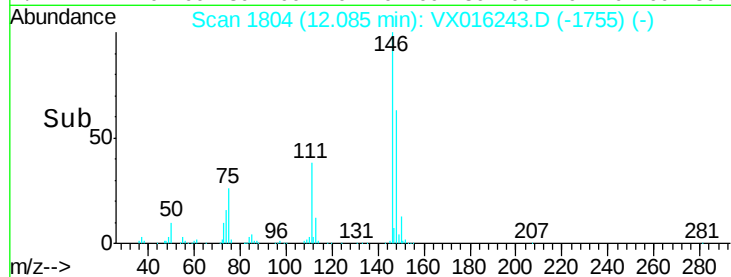
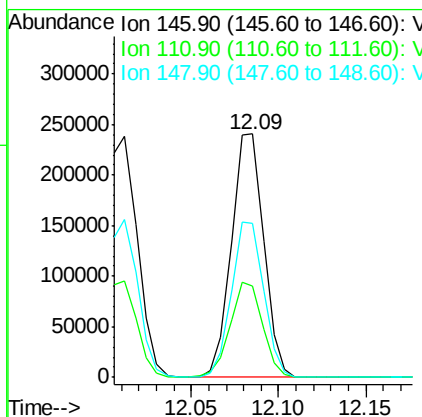
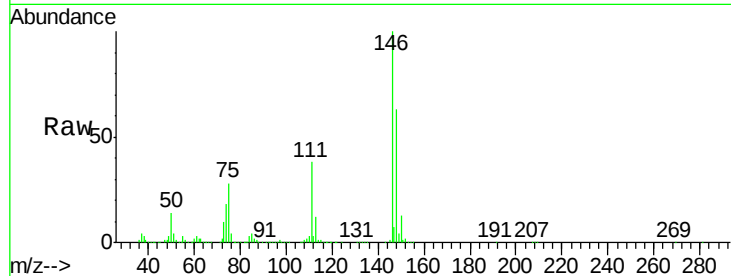




#88
 1,4-Dichlorobenzene
 Concen: 46.41 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

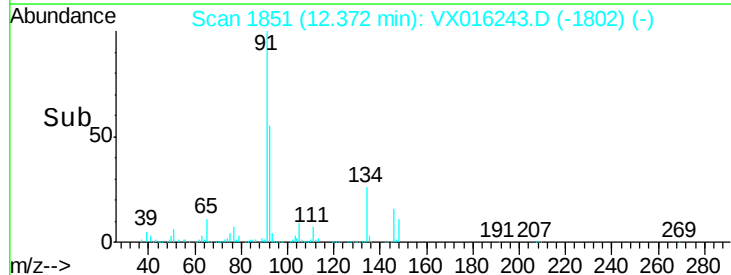
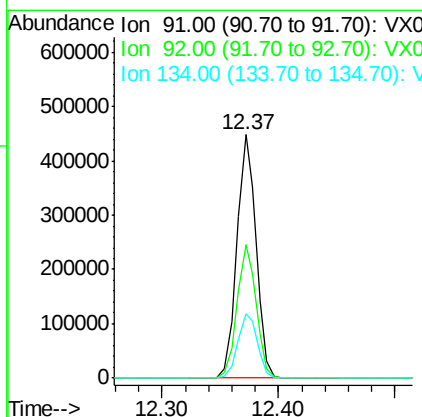
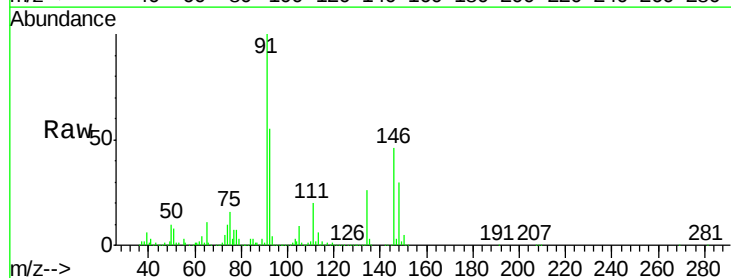
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

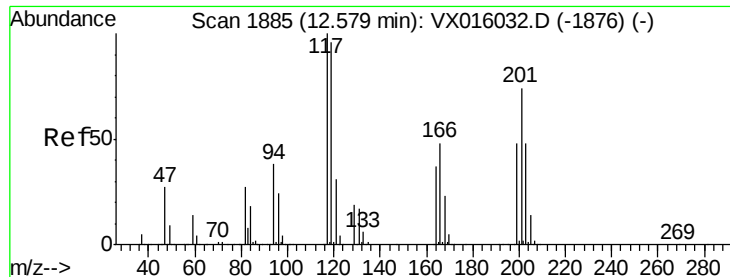
Tgt Ion: 146 Resp: 310922
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 63.6 31.8 95.3



#89
 n-Butylbenzene
 Concen: 43.25 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion: 91 Resp: 513251
 Ion Ratio Lower Upper
 91 100
 92 54.8 27.6 82.7
 134 26.9 13.4 40.1





#90

Hexachloroethane

Concen: 47.02 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

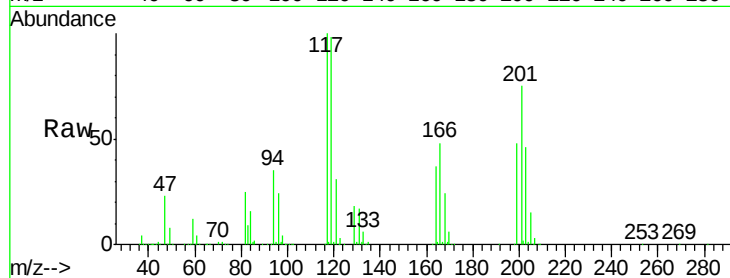
SS052MW601-200513MS

Tgt Ion:117 Resp: 104896

Ion Ratio Lower Upper

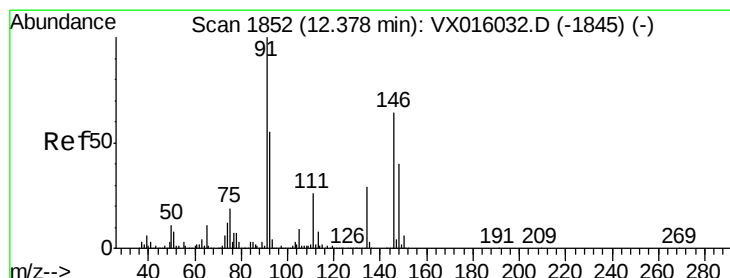
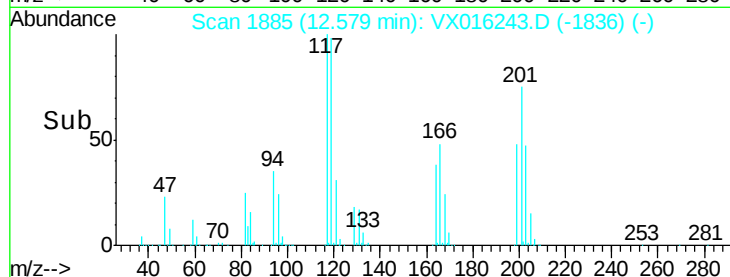
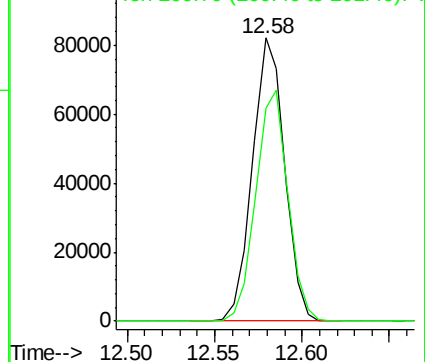
117 100

201 81.4 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.03 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

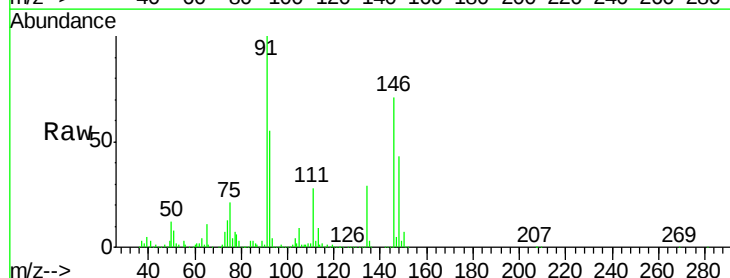
Tgt Ion:146 Resp: 298918

Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.1

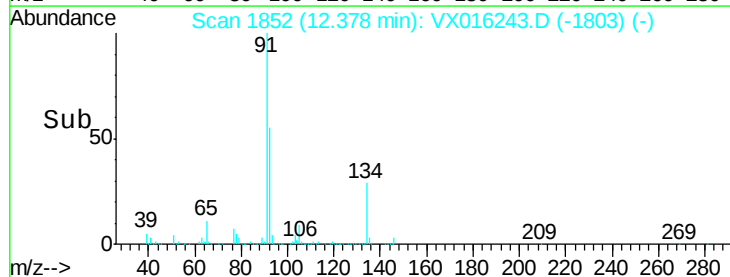
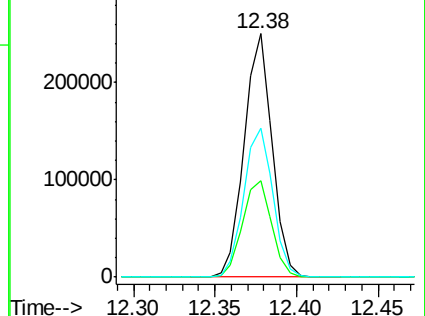
148 63.8 32.4 97.0

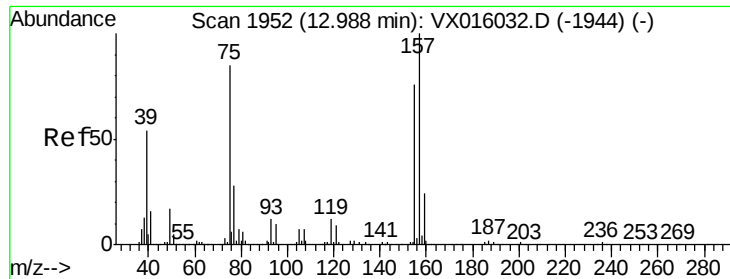


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.93 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

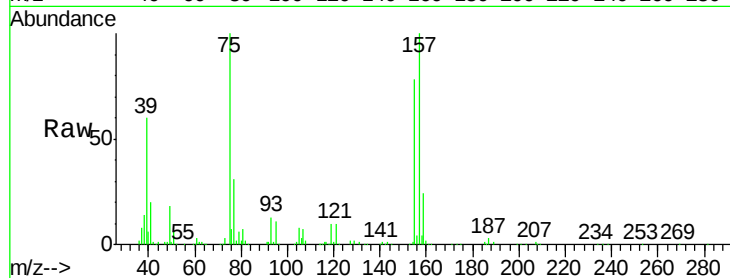
Tgt Ion: 75 Resp: 54959

Ion Ratio Lower Upper

75 100

155 87.2 42.5 127.5

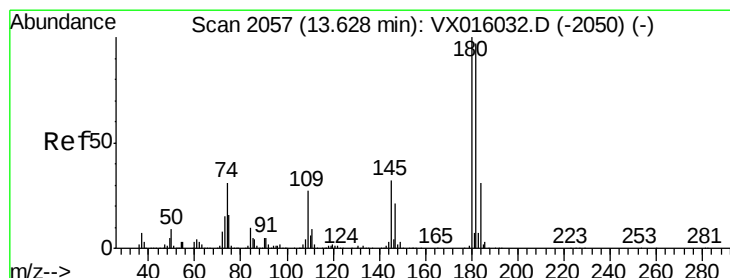
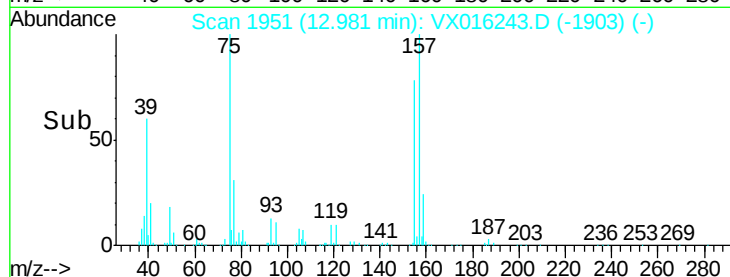
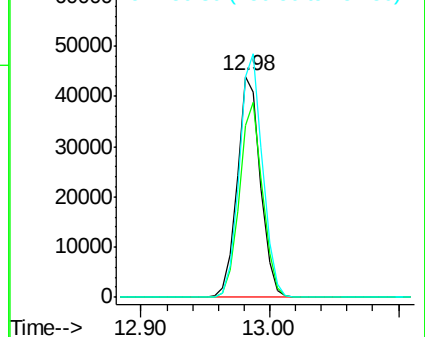
157 109.7 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 44.79 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

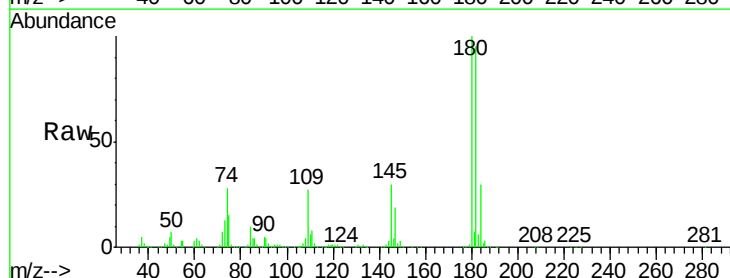
Tgt Ion: 180 Resp: 210764

Ion Ratio Lower Upper

180 100

182 95.5 48.7 146.1

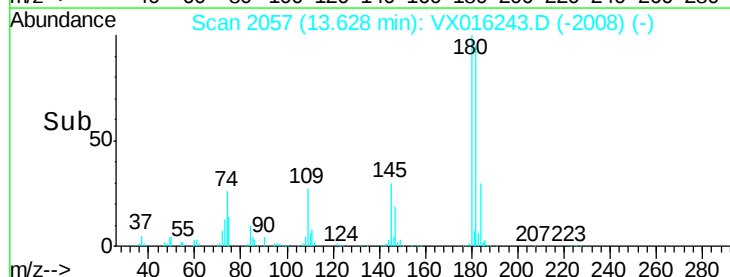
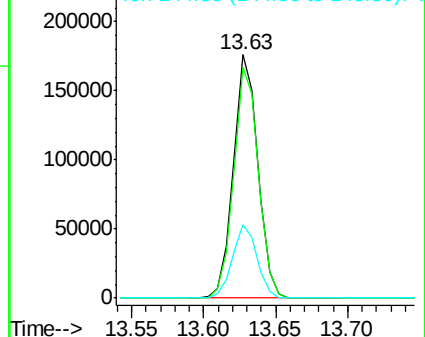
145 30.4 15.7 47.1

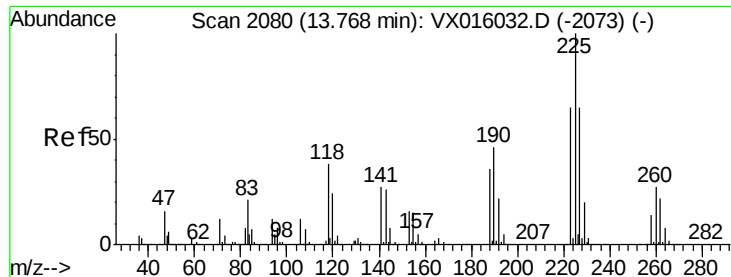


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 39.17 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

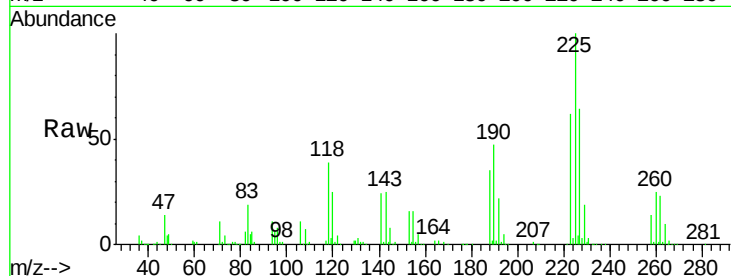
Tgt Ion:225 Resp: 79138

Ion Ratio Lower Upper

225 100

223 60.9 32.3 96.9

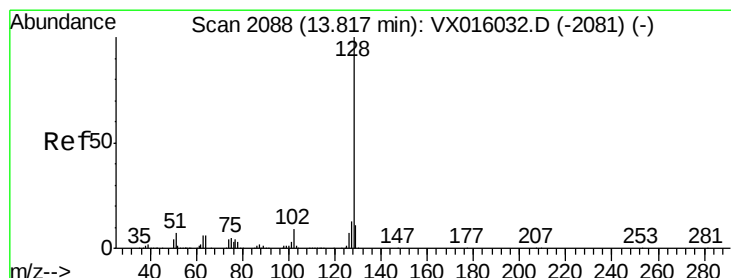
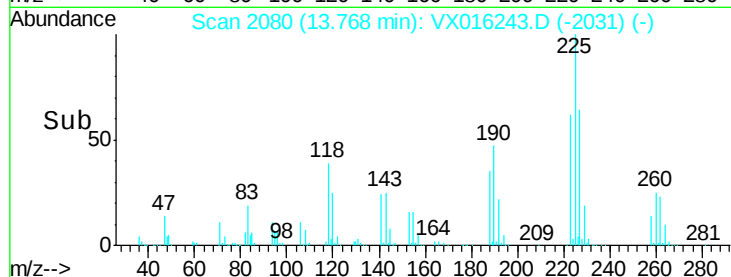
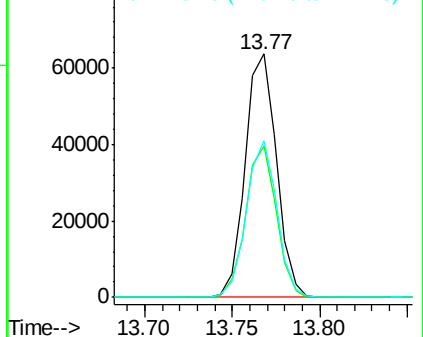
227 62.7 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 46.99 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

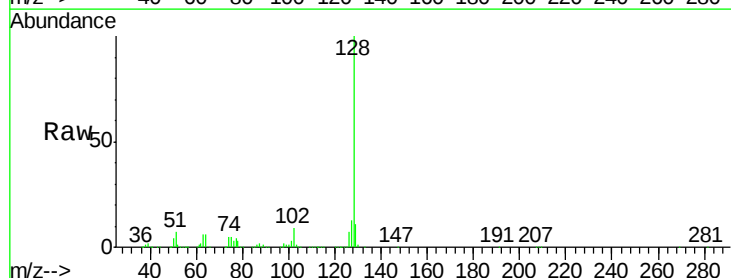
Tgt Ion:128 Resp: 715974

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

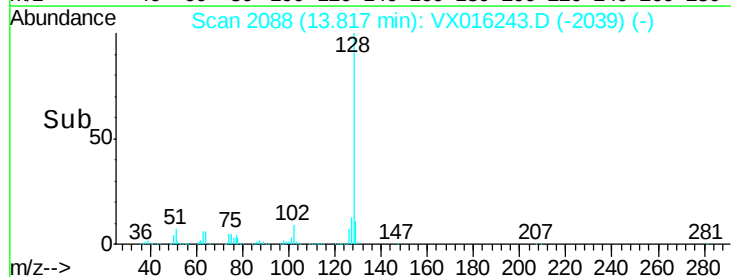
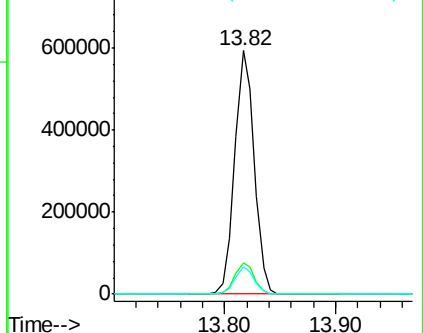
129 11.0 8.7 13.1

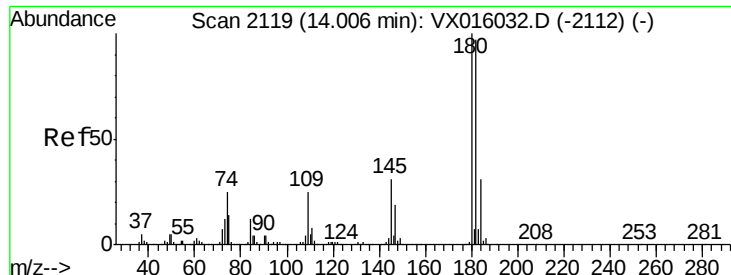


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 45.00 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.0
145	33.2	16.4	49.1

