

Data File : VX015605.D
Acq On : 09 Apr 2020 18:38
Operator : JC/SP
Sample : L2190-10MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

Quant Time: Apr 10 04:51:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1182774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1824856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1716661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	894589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	777520	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.47	113	564325	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	8.70	98	2103267	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.12	95	857991	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	476649	45.742	ug/l	99
3) Chloromethane	1.31	50	574381	43.283	ug/l	99
4) Vinyl Chloride	1.39	62	704805	57.841	ug/l	100
5) Bromomethane	1.63	94	326104	59.613	ug/l	98
6) Chloroethane	1.71	64	348042	46.054	ug/l	98
7) Trichlorofluoromethane	1.92	101	800849	49.008	ug/l	99
8) Diethyl Ether	2.17	74	318990	46.280	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	501340	47.061	ug/l	98
10) Methyl Iodide	2.49	142	744355	51.825	ug/l	99
11) Tert butyl alcohol	3.01	59	738137	184.864	ug/l	99
12) 1,1-Dichloroethene	2.36	96	532868	47.720	ug/l	97
13) Acrolein	2.27	56	265875	116.893	ug/l	99
14) Allyl chloride	2.71	41	1133374	43.438	ug/l	98
15) Acrylonitrile	3.12	53	1710124	224.582	ug/l	99
16) Acetone	2.42	43	1577039	220.046	ug/l	99
17) Carbon Disulfide	2.55	76	1395154	40.956	ug/l	100
18) Methyl Acetate	2.75	43	820055	44.832	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1967072	45.420	ug/l	100
20) Methylene Chloride	2.84	84	588995	43.999	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	589842	47.595	ug/l	98
22) Diisopropyl ether	3.83	45	2101674	45.457	ug/l	96
23) Vinyl Acetate	3.79	43	9121894	217.910	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1085803	44.604	ug/l	100
25) 2-Butanone	4.64	43	2454848	212.987	ug/l	100
26) 2,2-Dichloropropane	4.56	77	860130	43.047	ug/l #	52
27) cis-1,2-Dichloroethene	4.57	96	5902054	411.641	ug/l	92
28) Bromochloromethane	4.98	49	562641	48.409	ug/l	98
29) Tetrahydrofuran	5.09	42	1593050	214.997	ug/l	99
30) Chloroform	5.18	83	1063938	45.428	ug/l	100
31) Cyclohexane	5.56	56	957908	45.361	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	983102	46.383	ug/l	99
36) 1,1-Dichloropropene	5.77	75	795096	47.288	ug/l	99
37) Ethyl Acetate	4.80	43	960609	43.877	ug/l #	82
38) Carbon Tetrachloride	5.76	117	861193	47.289	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	921607	47.538	ug/l	97
40) Benzene	6.12	78	2302243	46.743	ug/l	97
41) Methacrylonitrile	5.01	41	574705	47.288	ug/l	99
42) 1,2-Dichloroethane	6.17	62	939502	47.488	ug/l	99
43) Isopropyl Acetate	6.42	43	1676073	45.351	ug/l	100
44) Trichloroethene	7.19	130	2086906	155.362	ug/l	96
45) 1,2-Dichloropropane	7.50	63	622690	46.215	ug/l	99
46) Dibromomethane	7.64	93	411157	46.519	ug/l	96
47) Bromodichloromethane	7.88	83	885529	47.020	ug/l	98
48) Methyl methacrylate	7.75	41	858352	46.498	ug/l	99
49) 1,4-Dioxane	7.72	88	261534	759.455	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4891057	233.522	ug/l	100
52) Toluene	8.77	92	1449509	47.735	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1011446	45.793	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1044914	46.441	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	594573	47.792	ug/l	99
56) Ethyl methacrylate	9.16	69	1027779	46.876	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1036919	46.261	ug/l	100
59) 2-Hexanone	9.48	43	3703788	234.227	ug/l	100
60) Dibromochloromethane	9.57	129	718027	48.030	ug/l	100
61) 1,2-Dibromoethane	9.65	107	632884	46.785	ug/l	97
64) Tetrachloroethene	9.32	164	1994215	153.931	ug/l	99
65) Chlorobenzene	10.12	112	1591638	46.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	632036	46.211	ug/l	99
67) Ethyl Benzene	10.24	91	2845684	46.866	ug/l	100
68) m/p-Xylenes	10.34	106	2137827	94.552	ug/l	98
69) o-Xylene	10.68	106	1046468	46.838	ug/l	99
70) Styrene	10.70	104	1851714	47.099	ug/l	99
71) Bromoform	10.84	173	574137	46.112	ug/l #	99
73) Isopropylbenzene	11.01	105	2744064	46.815	ug/l	99
74) N-amyl acetate	10.88	43	1447301	44.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	920146	45.749	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1133268	61.602	ug/l	83
77) Bromobenzene	11.24	156	751450	48.062	ug/l	96
78) n-propylbenzene	11.35	91	3148774	46.979	ug/l	99
79) 2-Chlorotoluene	11.41	91	1918569	46.702	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2342179	46.788	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	338396	44.137	ug/l	99
82) 4-Chlorotoluene	11.49	91	2259518	46.917	ug/l	99
83) tert-Butylbenzene	11.76	119	2335613	47.766	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2434664	47.727	ug/l	99
85) sec-Butylbenzene	11.93	105	2687004	47.514	ug/l	99
86) p-Isopropyltoluene	12.05	119	2532717	48.243	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1342755	47.973	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1359203	47.674	ug/l	99
89) n-Butylbenzene	12.37	91	2274044	47.933	ug/l	99
90) Hexachloroethane	12.58	117	447216	43.766	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1297498	47.368	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	239746	42.233	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	1014829	46.838	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040920\
Quantitation Report (Not Reviewed)

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ClientSampleId :
SS037MW311-200407MS

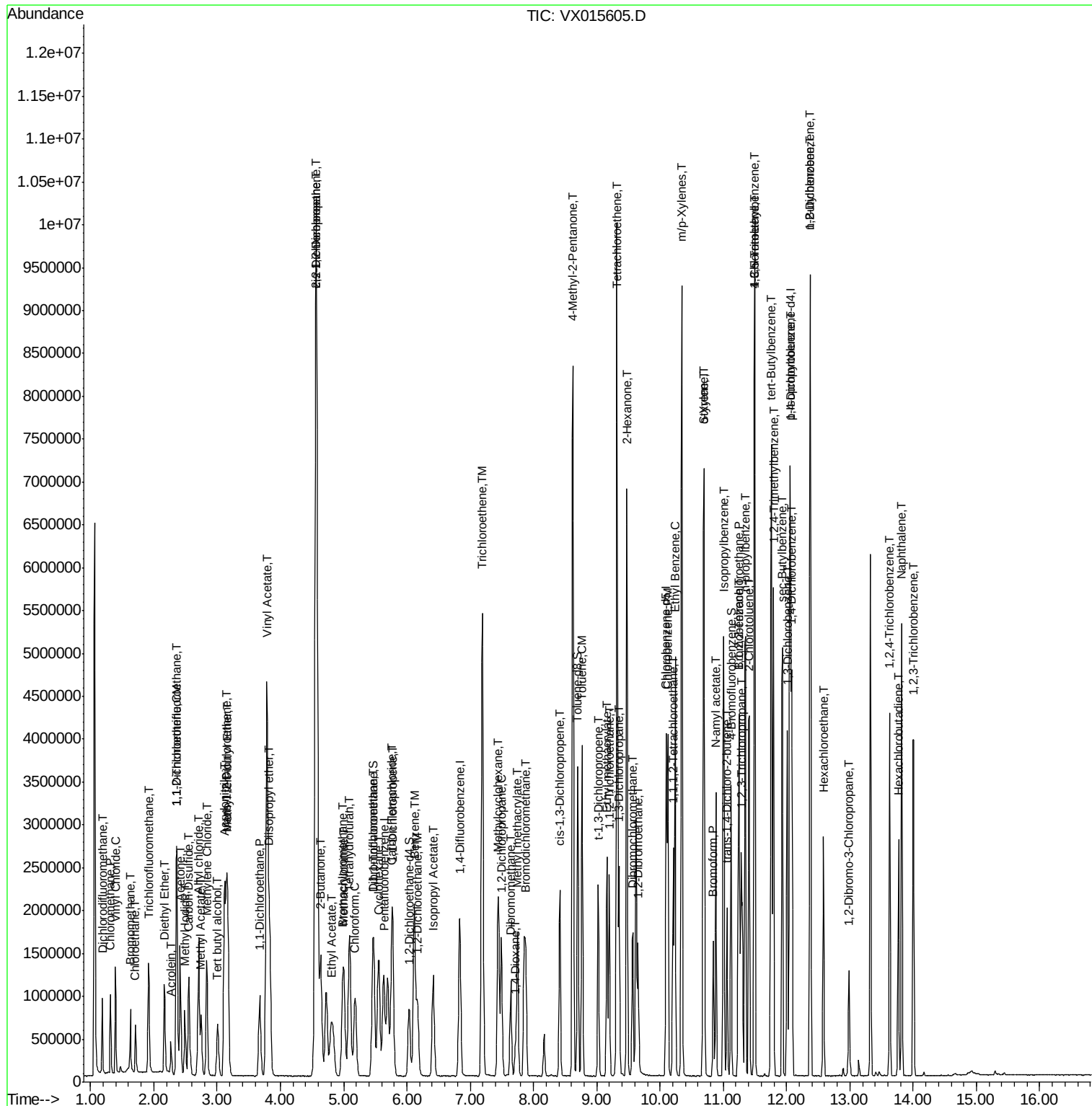
Quant Time: Apr 10 04:51:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
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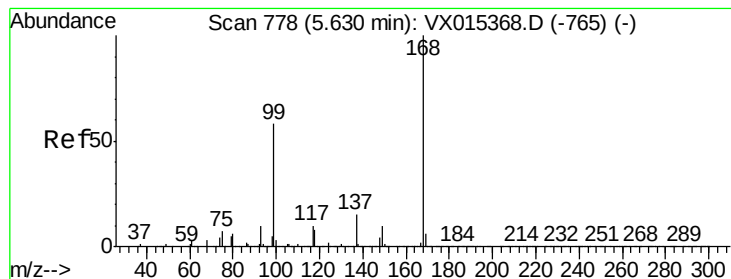
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	438825	42.540	ug/l	96
95) Naphthalene	13.82	128	3116400	47.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	999684	47.922	ug/l	99

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

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015605.D

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Instrument :

MSVOA_X

ClientSampleId :

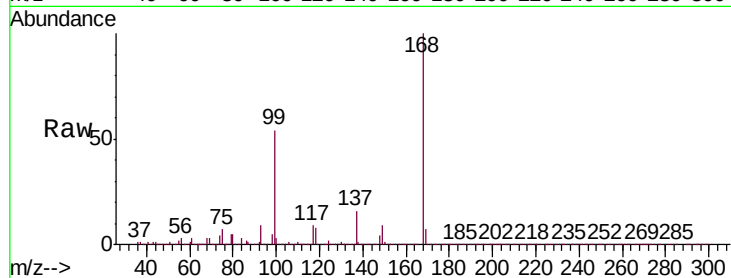
SS037MW311-200407MS

Tgt Ion:168 Resp: 1182774

Ion Ratio Lower Upper

168 100

99 53.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

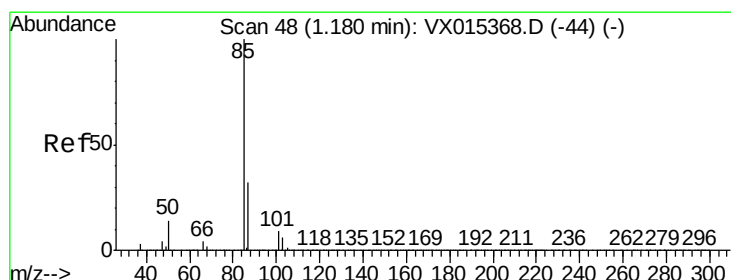
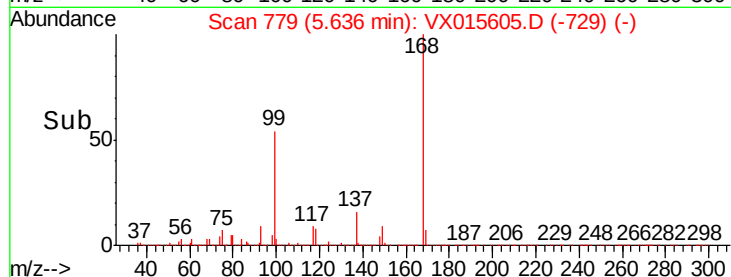
200000

100000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.742 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015605.D

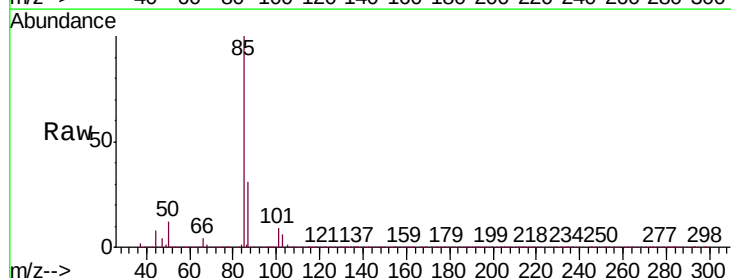
Acq: 09 Apr 2020 18:38

Tgt Ion: 85 Resp: 476649

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

300000

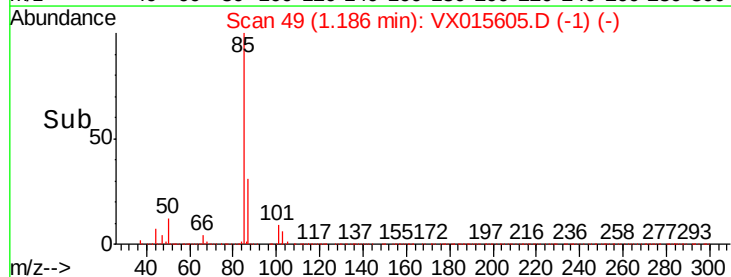
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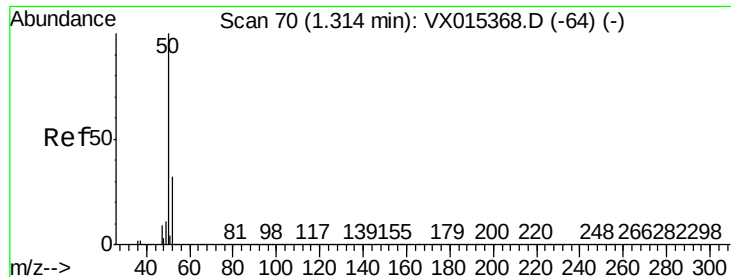
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->

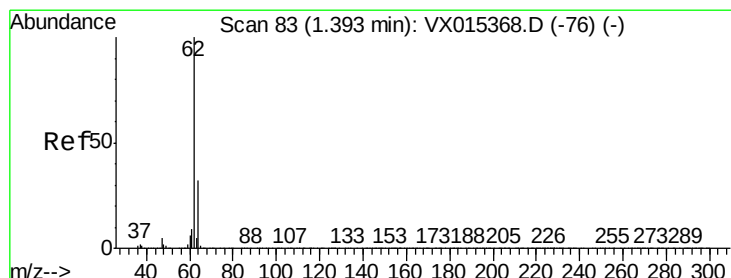
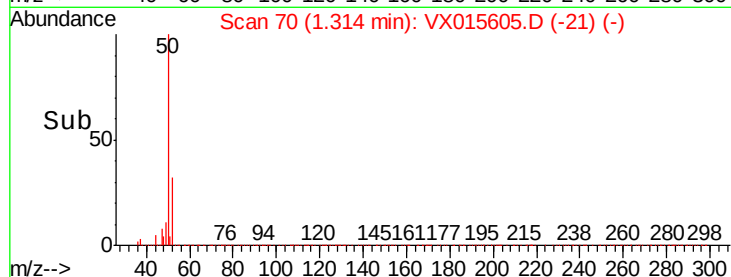
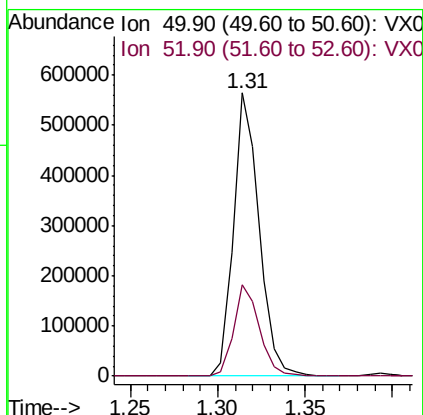
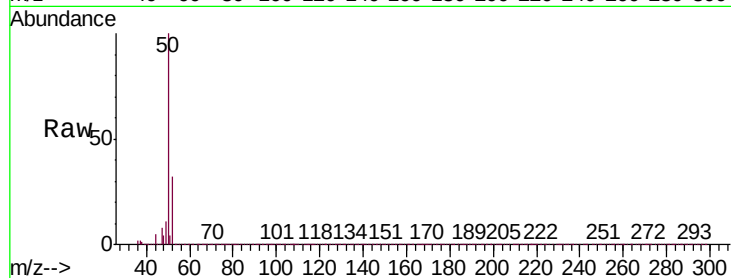




#3
Chloromethane
Concen: 43.283 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015605.D
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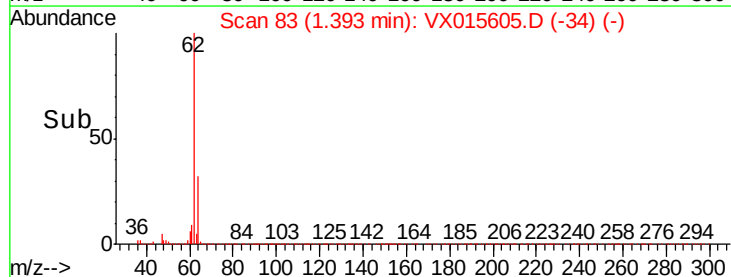
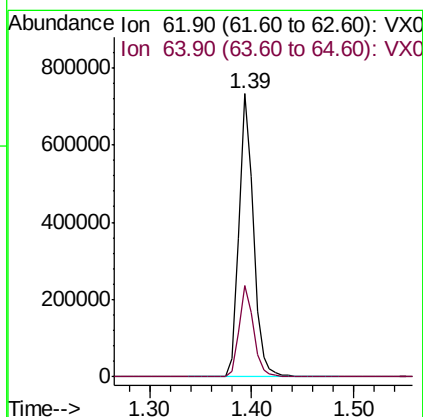
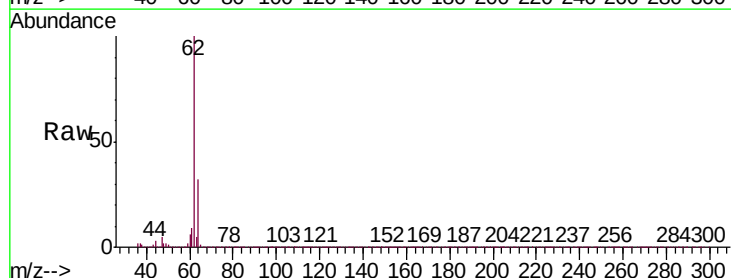
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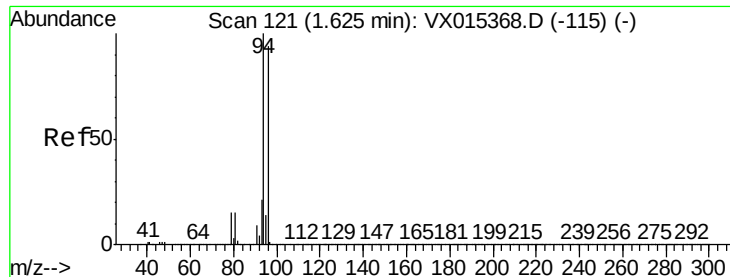
Tgt Ion: 50 Resp: 574381
Ion Ratio Lower Upper
50 100
52 32.2 25.3 37.9



#4
Vinyl Chloride
Concen: 57.841 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion: 62 Resp: 704805
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





#5

Bromomethane

Concen: 59.613 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

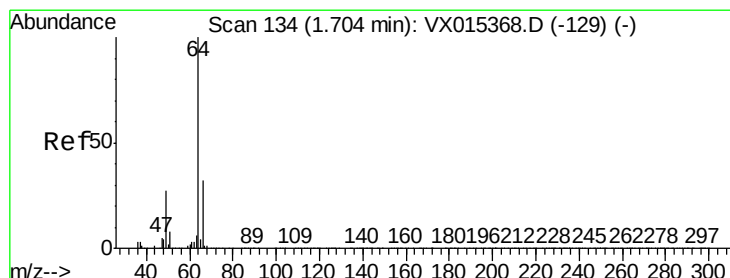
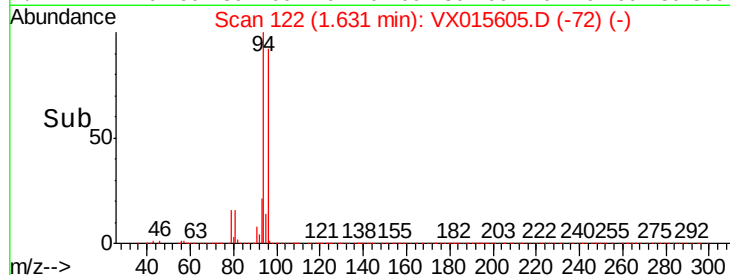
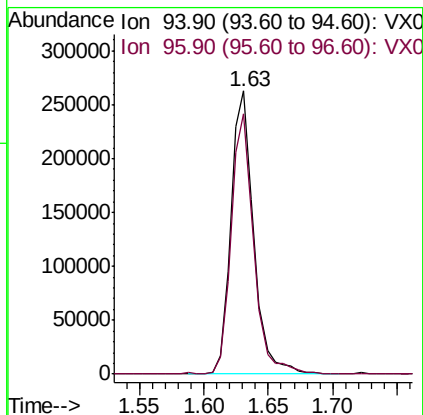
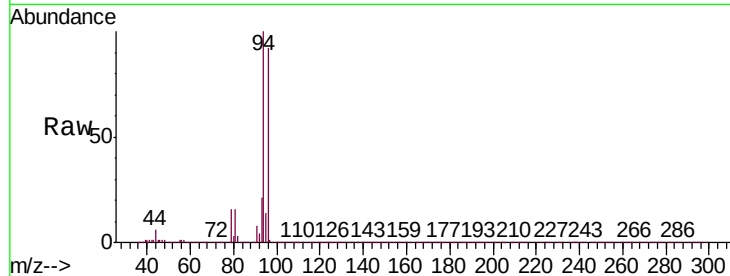
SS037MW311-200407MS

Tgt Ion: 94 Resp: 326104

Ion Ratio Lower Upper

94 100

96 92.0 74.8 112.2



#6

Chloroethane

Concen: 46.054 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015605.D

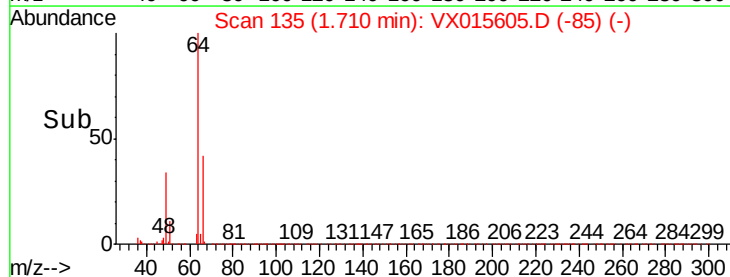
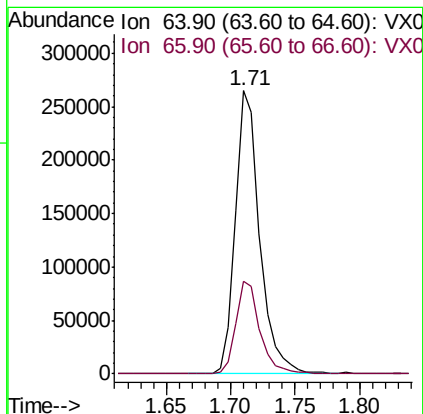
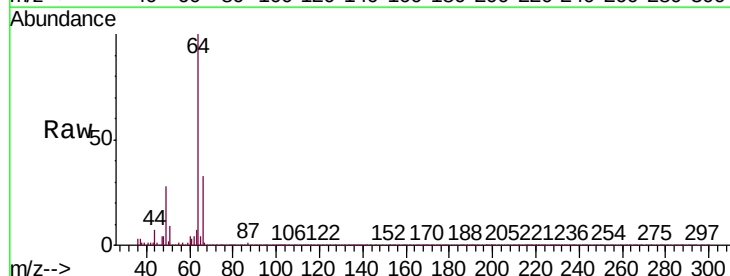
Acq: 09 Apr 2020 18:38

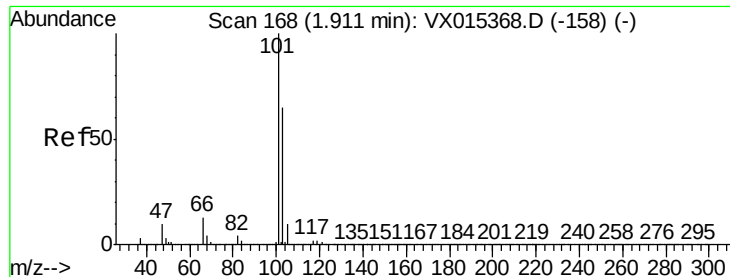
Tgt Ion: 64 Resp: 348042

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2



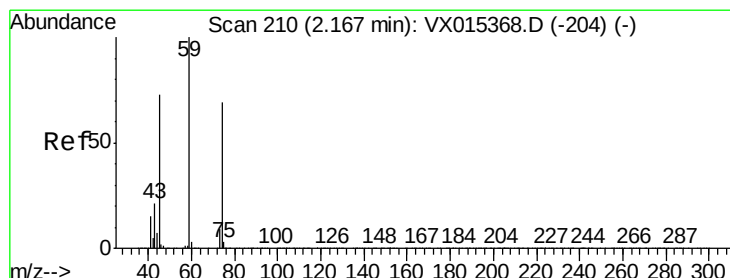
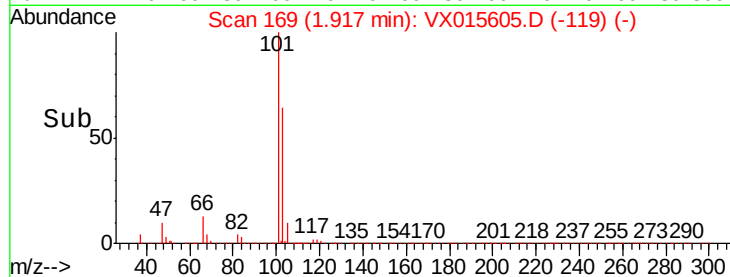
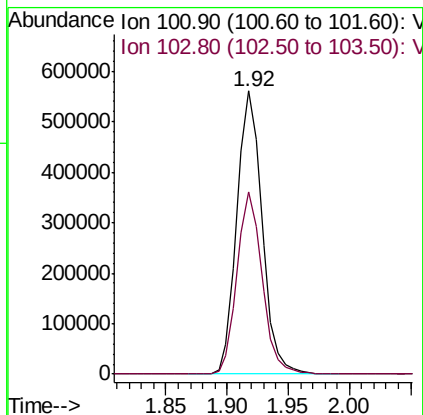
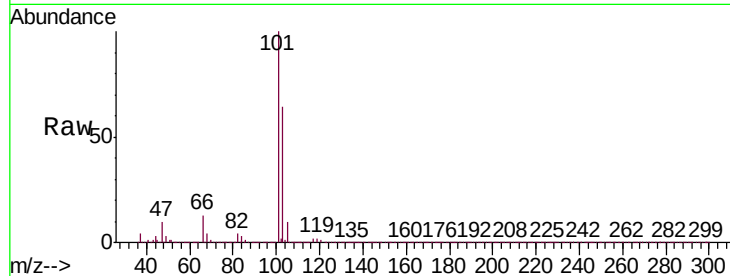


#7

Trichlorofluoromethane
 Concen: 49.008 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015605.D
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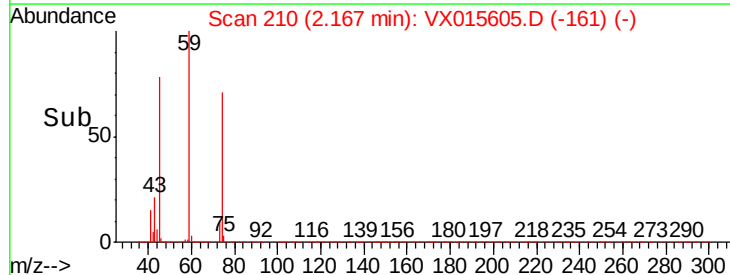
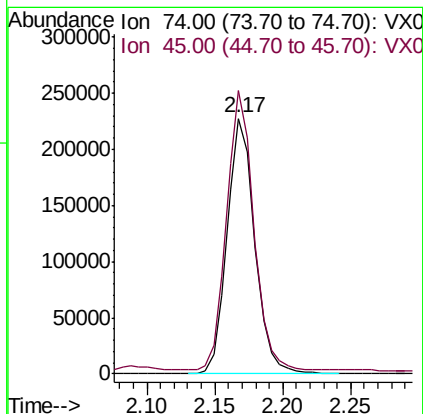
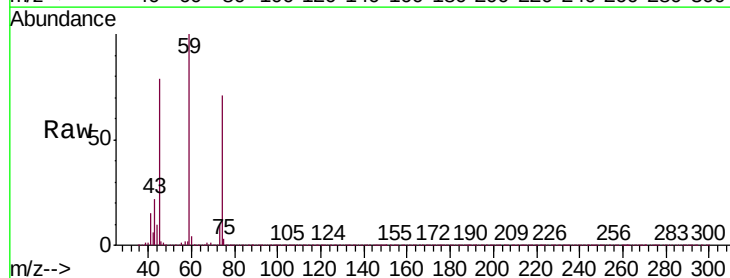
Tgt Ion:101 Resp: 800849
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

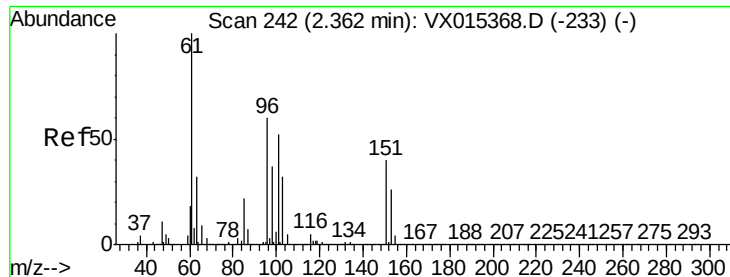


#8

Diethyl Ether
 Concen: 46.280 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion: 74 Resp: 318990
 Ion Ratio Lower Upper
 74 100
 45 108.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.061 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

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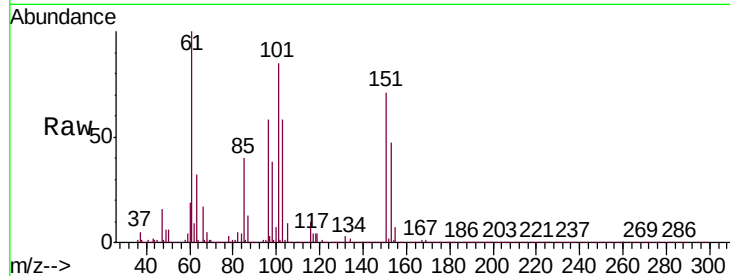
Tgt Ion:101 Resp: 501340

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

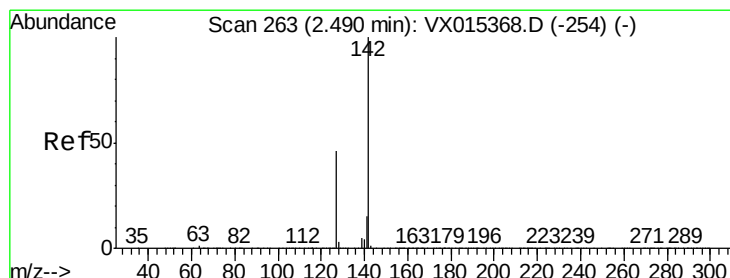
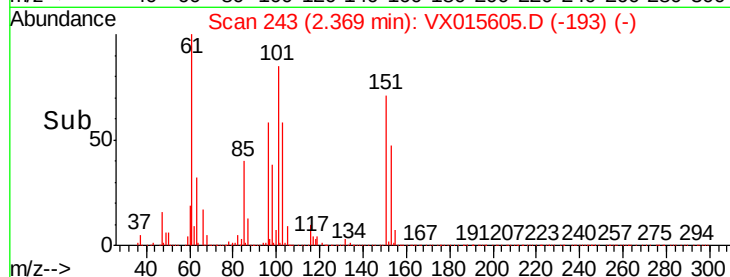
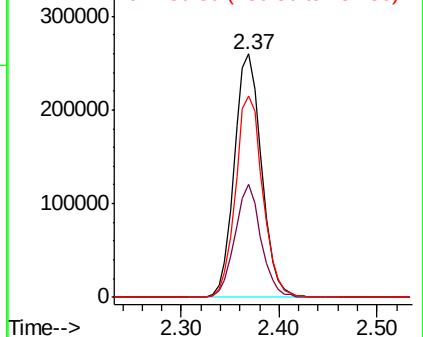
151 82.7 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.825 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

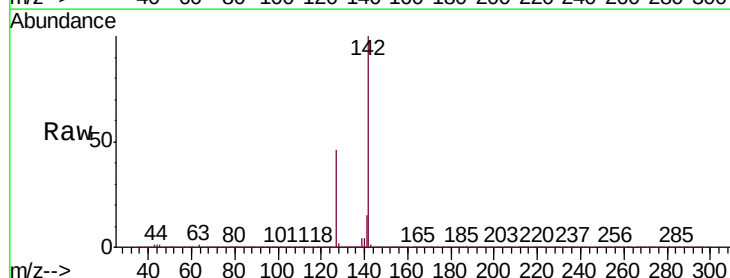
Tgt Ion:142 Resp: 744355

Ion Ratio Lower Upper

142 100

127 45.4 35.9 53.9

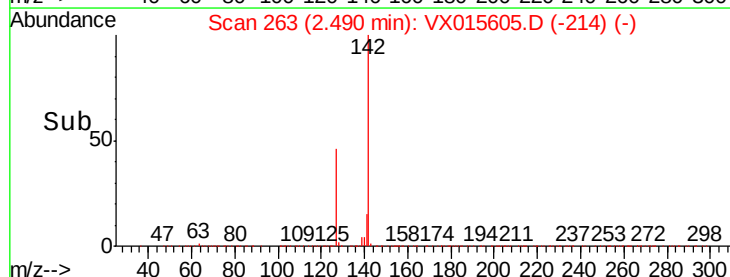
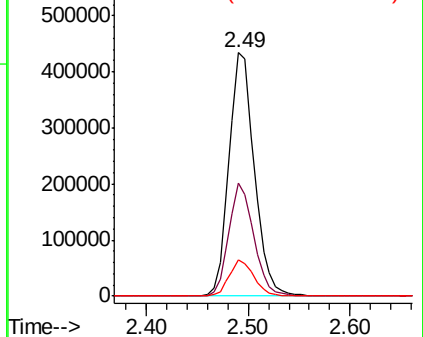
141 14.6 11.6 17.4

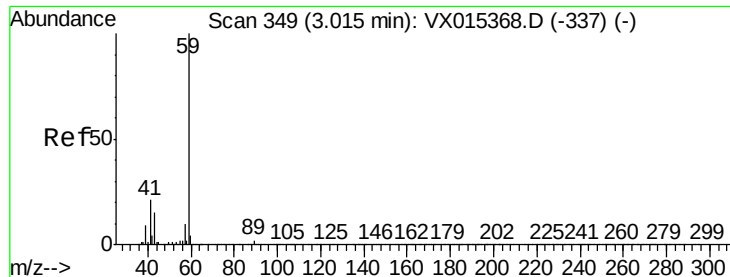


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



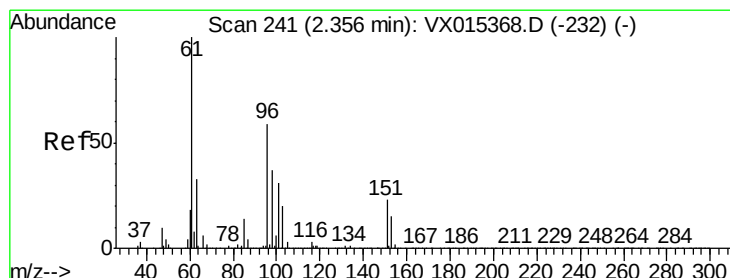
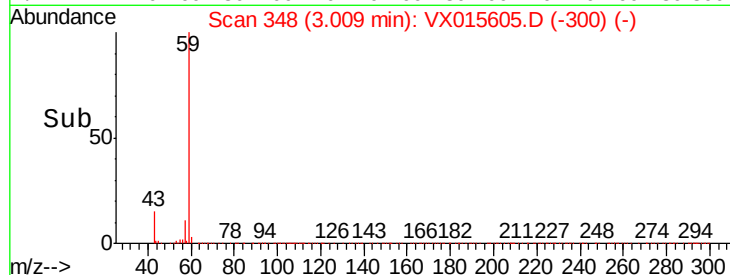
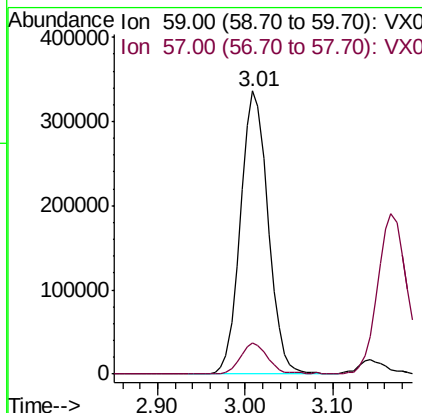
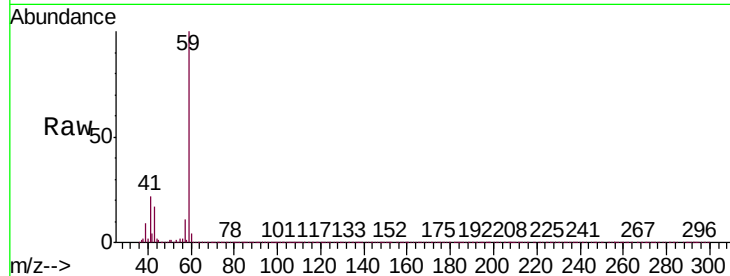


#11

Tert butyl alcohol
 Concen: 184.864 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

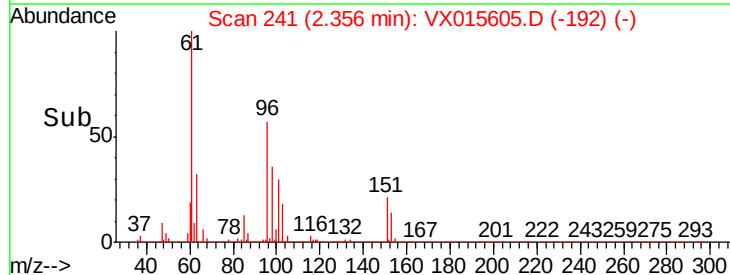
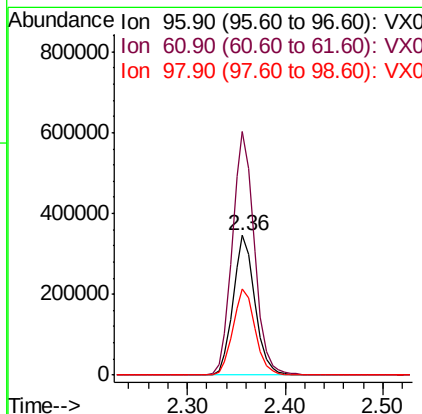
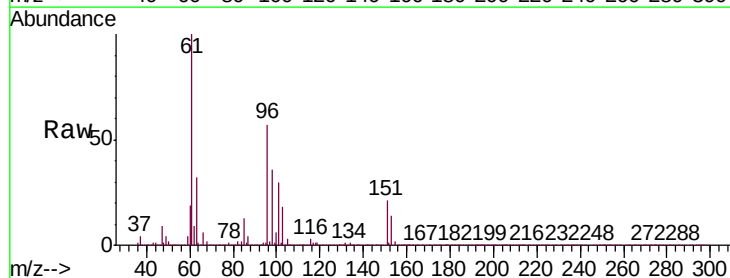
Tgt Ion: 59 Resp: 738137
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.1 12.1

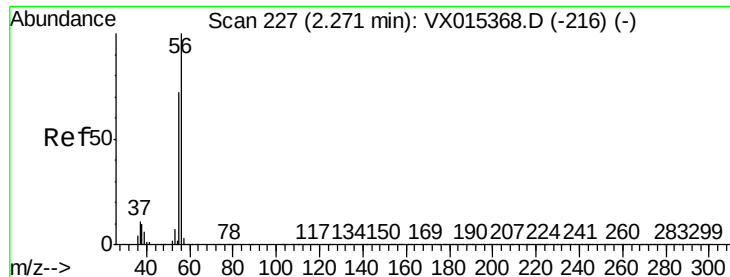


#12

1,1-Dichloroethene
 Concen: 47.720 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion: 96 Resp: 532868
 Ion Ratio Lower Upper
 96 100
 61 174.7 135.7 203.5
 98 62.0 50.6 75.8

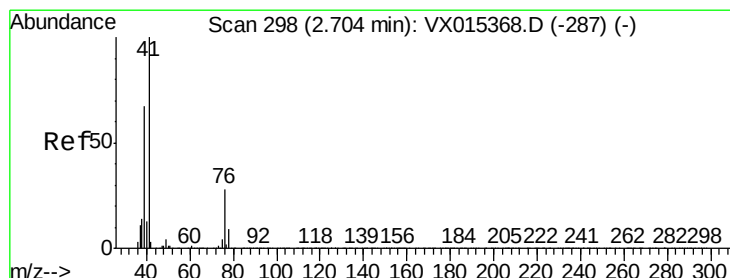
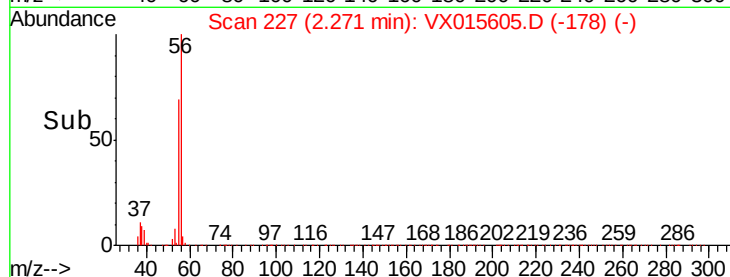
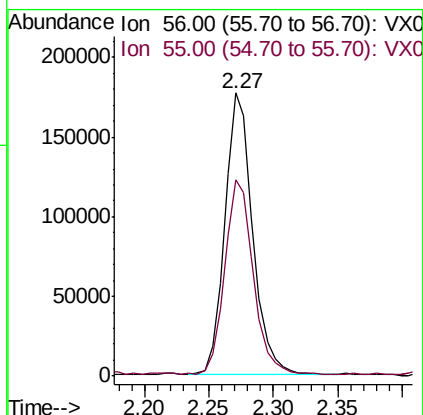
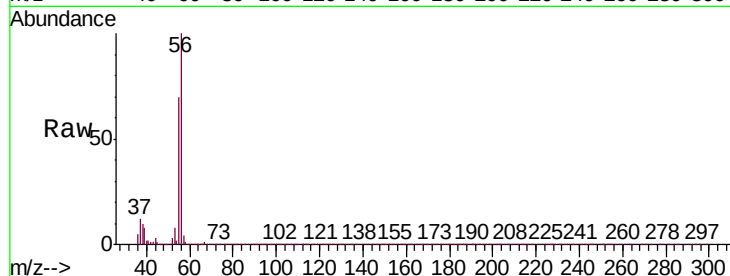




#13
Acrolein
Concen: 116.893 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

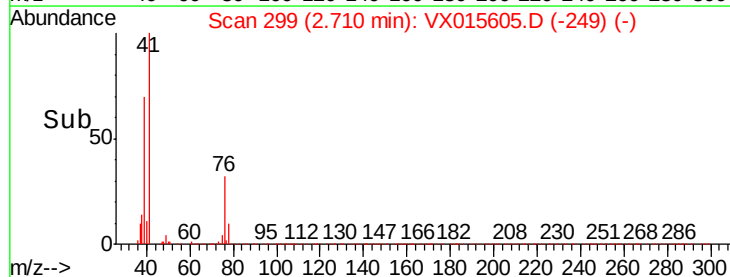
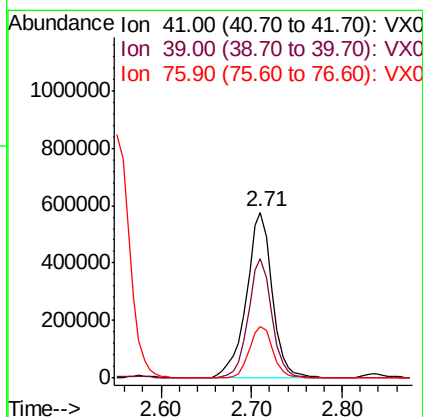
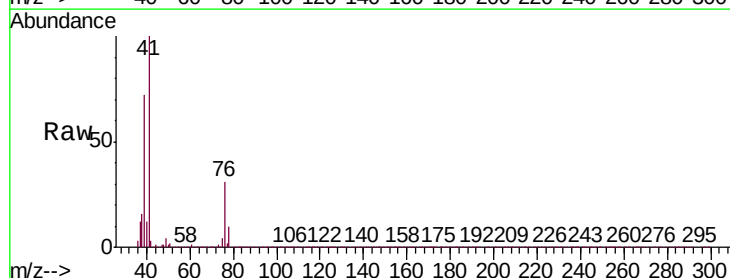
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

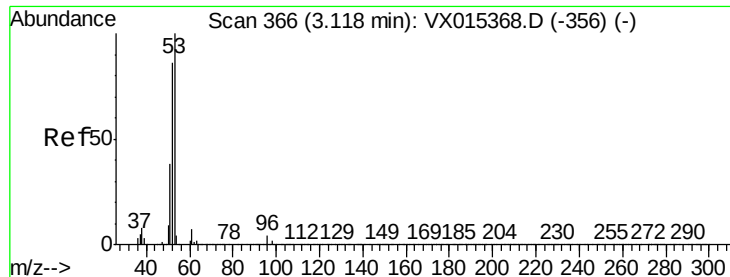
Tgt Ion: 56 Resp: 265875
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.4



#14
Allyl chloride
Concen: 43.438 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion: 41 Resp: 1133374
Ion Ratio Lower Upper
41 100
39 66.0 51.4 77.0
76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 224.582 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

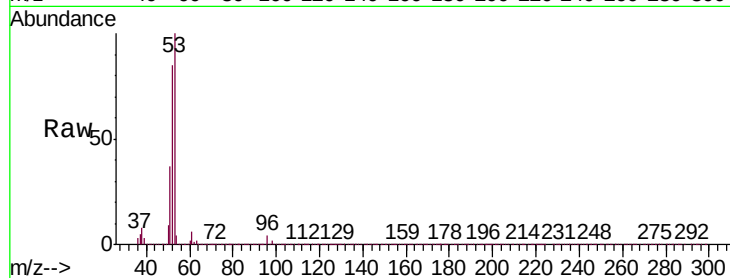
MSVOA_X

ClientSampleId :

SS037MW311-200407MS

Tgt Ion: 53 Resp: 1710124

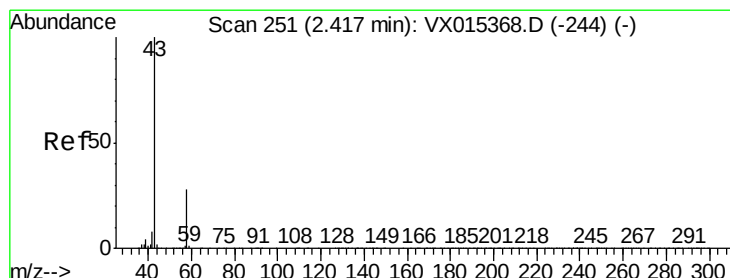
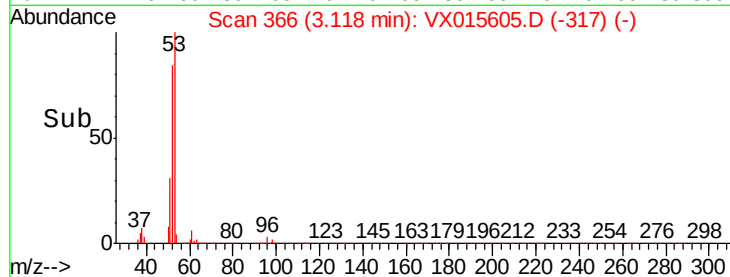
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.8	100.2
51	37.1	29.5	44.3



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: 220.046 ug/l

RT: 2.42 min Scan# 251

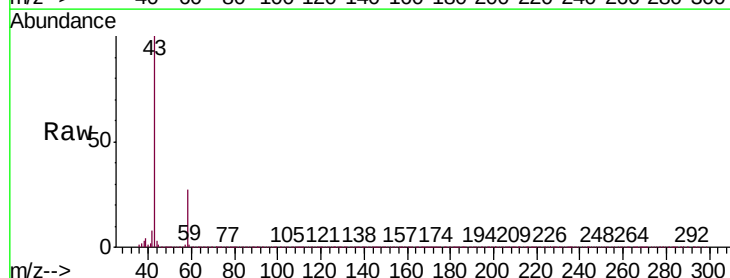
Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

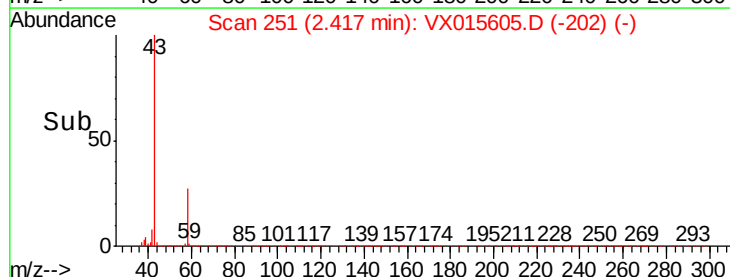
Tgt Ion: 43 Resp: 1577039

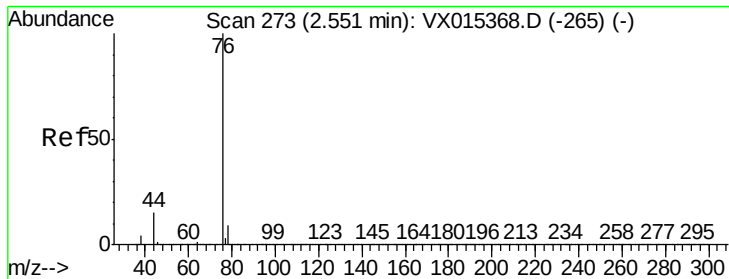
Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

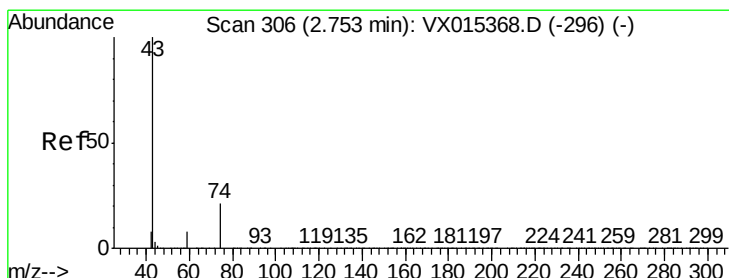
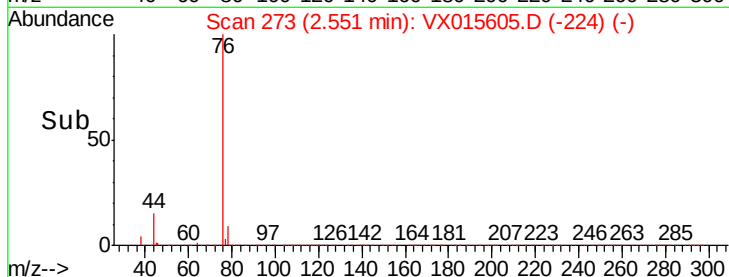
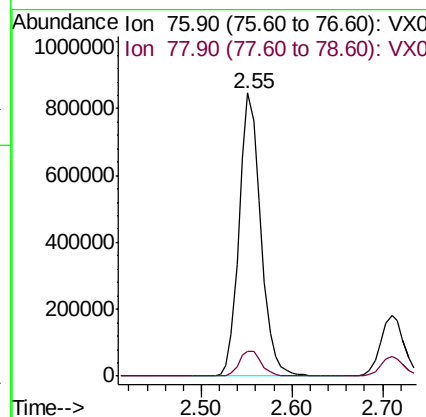
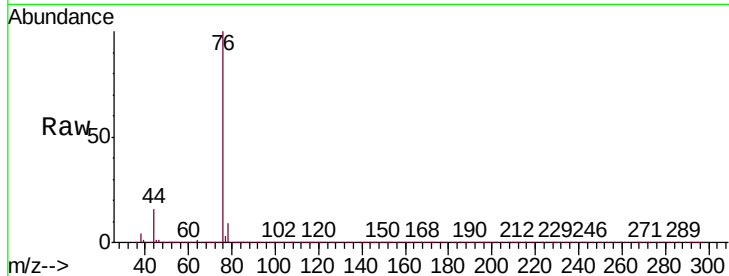




#17
Carbon Disulfide
Concen: 40.956 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

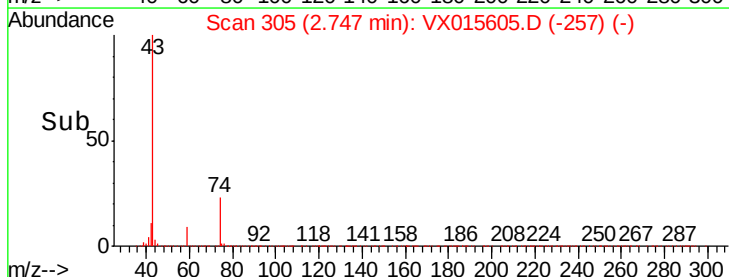
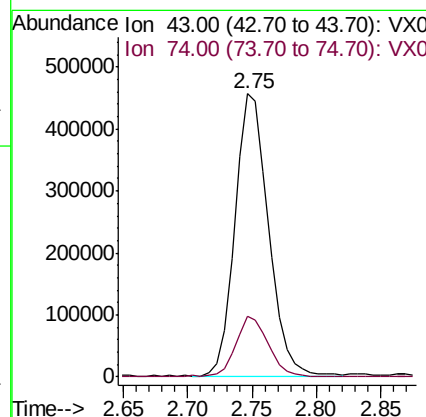
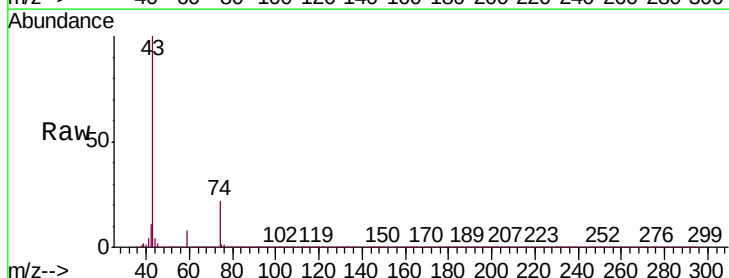
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

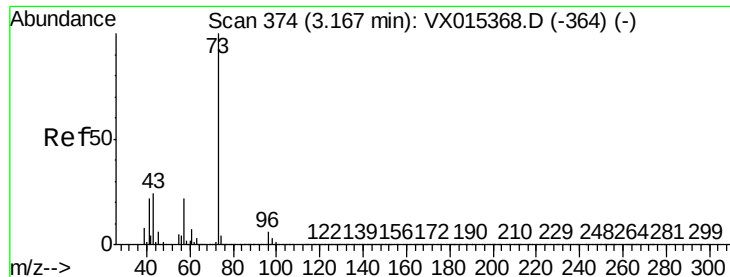
Tgt Ion: 76 Resp: 1395154
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 44.832 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion: 43 Resp: 820055
Ion Ratio Lower Upper
43 100
74 21.0 16.5 24.7





#19

Methyl tert-butyl Ether
Concen: 45.420 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

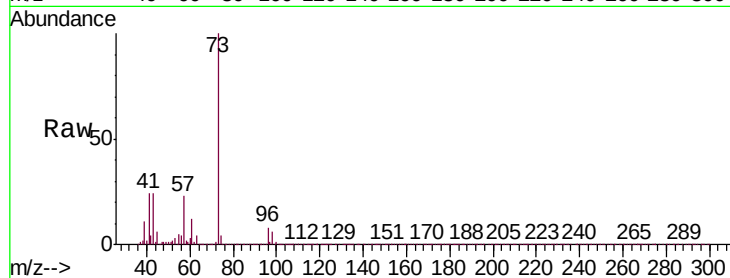
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

Tgt Ion: 73 Resp: 1967072

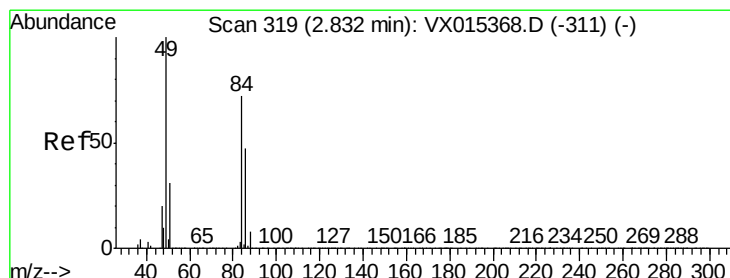
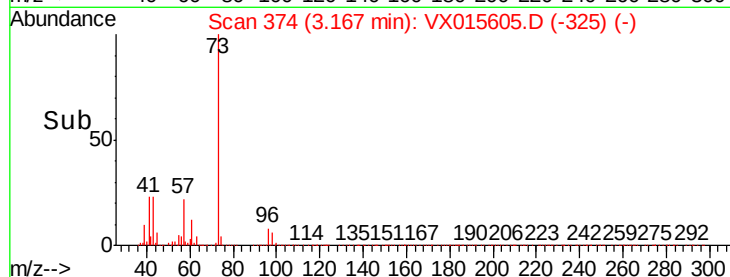
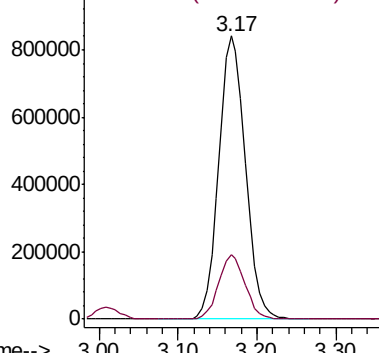
Ion Ratio Lower Upper

73 100

57 22.5 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride
Concen: 43.999 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion: 84 Resp: 588995

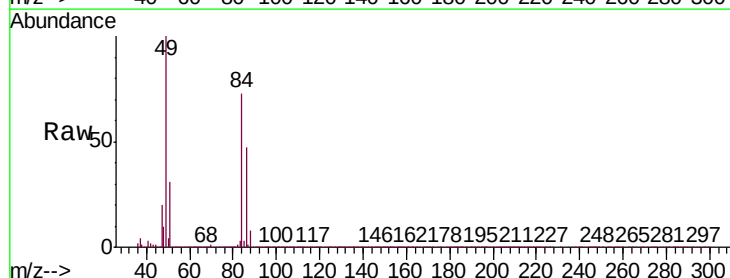
Ion Ratio Lower Upper

84 100

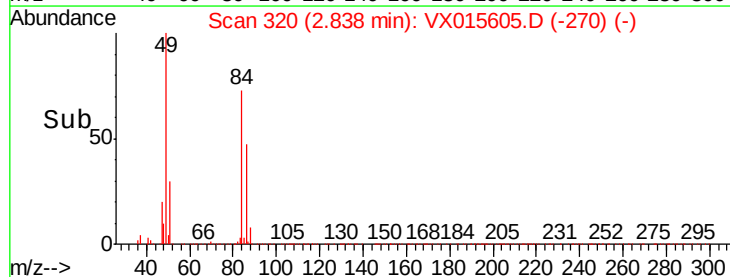
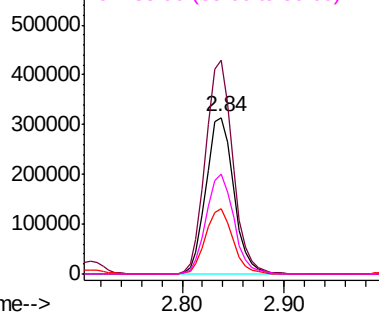
49 136.3 111.3 166.9

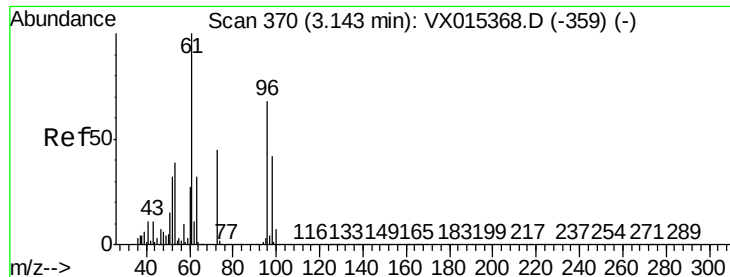
51 41.5 34.0 51.0

86 63.9 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 47.595 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

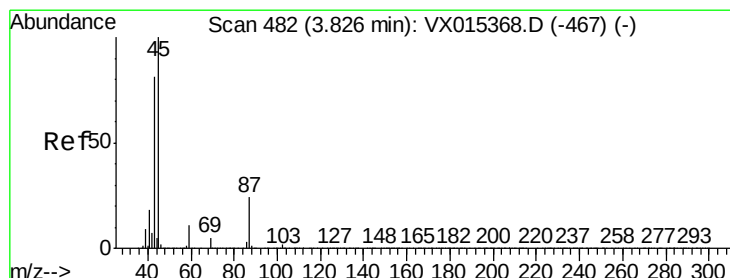
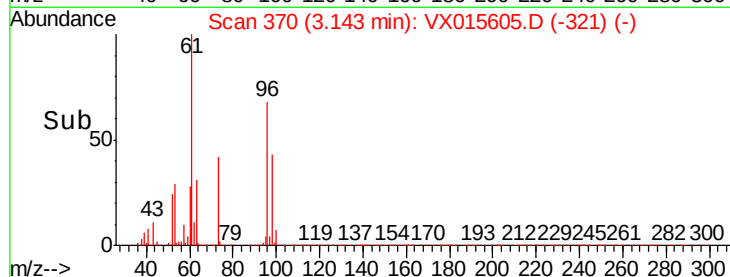
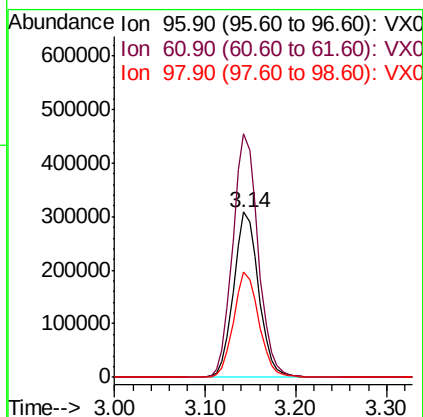
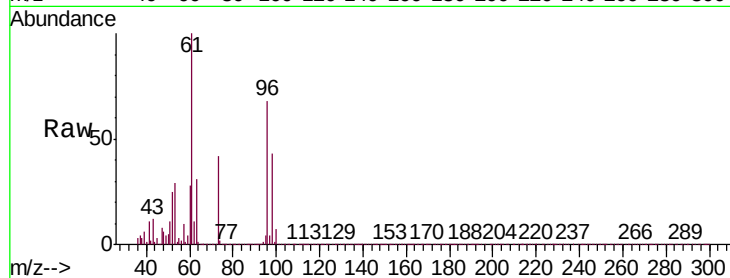
Tgt Ion: 96 Resp: 589842

Ion Ratio Lower Upper

96 100

61 147.5 116.9 175.3

98 63.6 48.6 73.0



#22

Diisopropyl ether

Concen: 45.457 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Tgt Ion: 45 Resp: 2101674

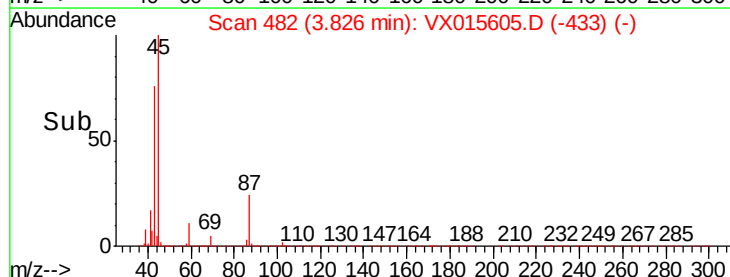
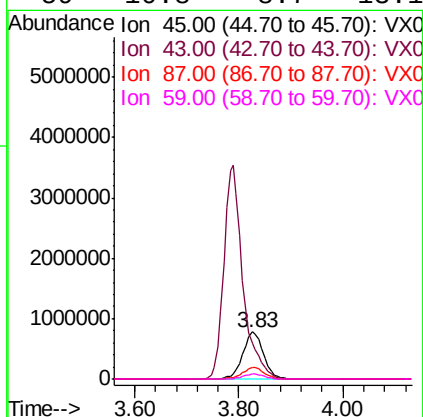
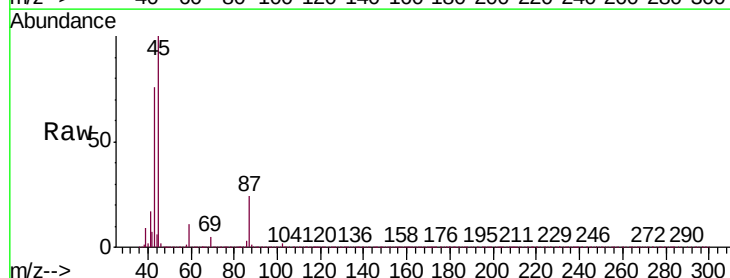
Ion Ratio Lower Upper

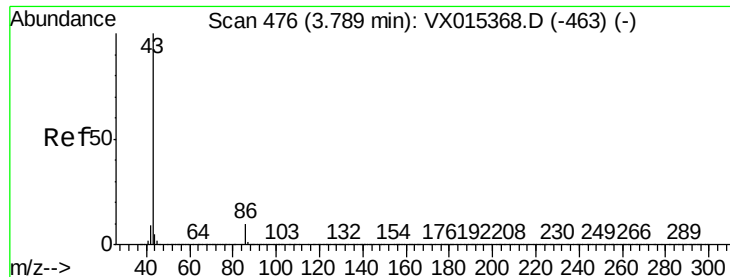
45 100

43 75.7 64.7 97.1

87 23.9 19.4 29.0

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 217.910 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

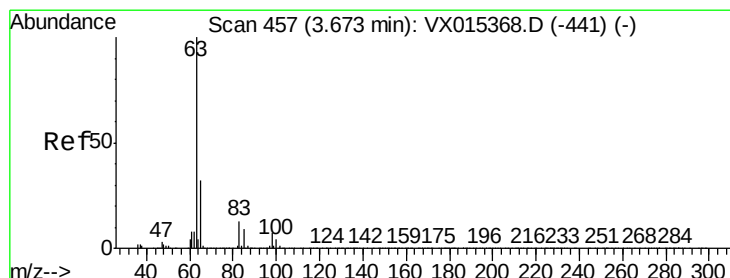
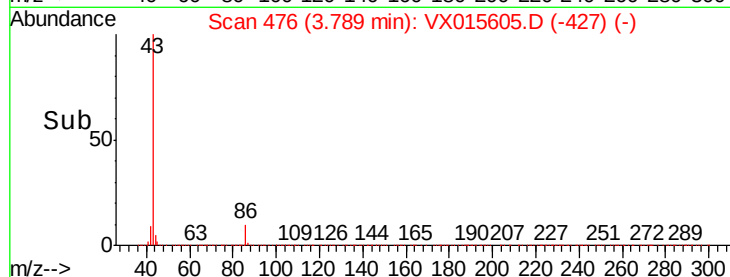
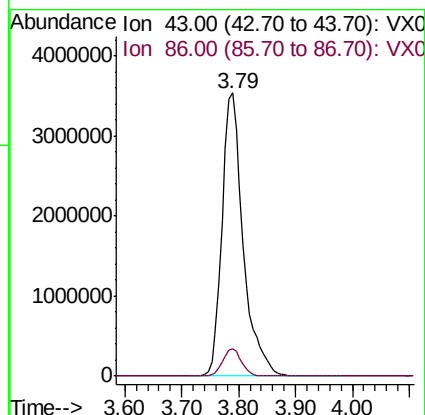
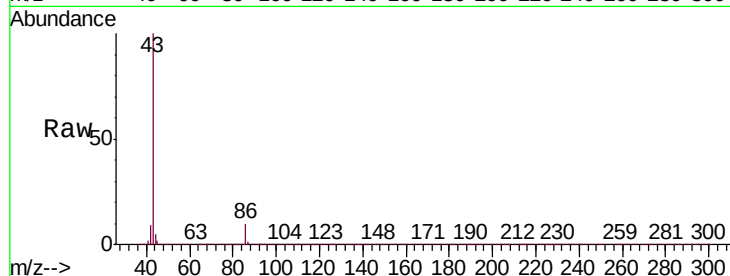
SS037MW311-200407MS

Tgt Ion: 43 Resp: 9121894

Ion Ratio Lower Upper

43 100

86 9.5 7.8 11.6



#24

1,1-Dichloroethane

Concen: 44.604 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

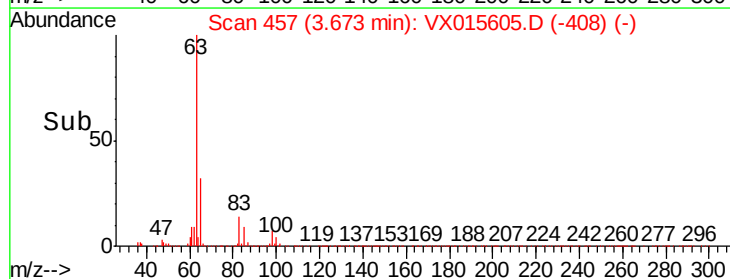
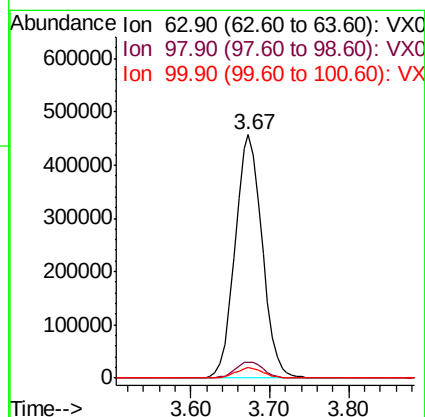
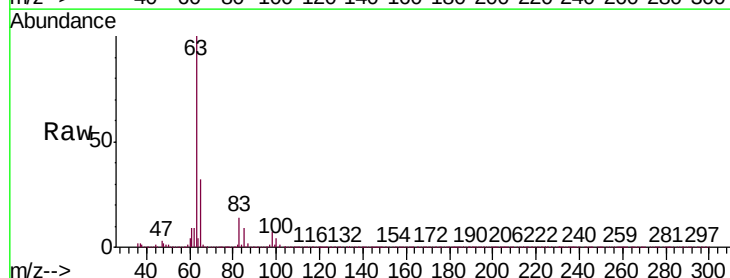
Tgt Ion: 63 Resp: 1085803

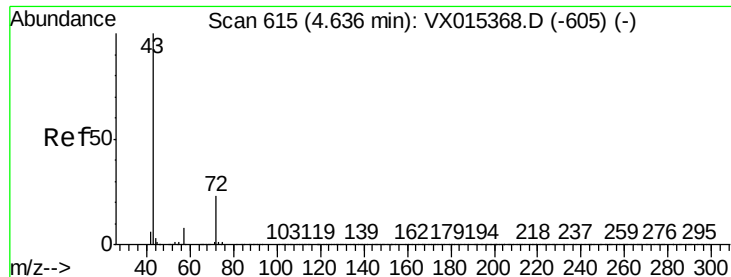
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 212.987 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

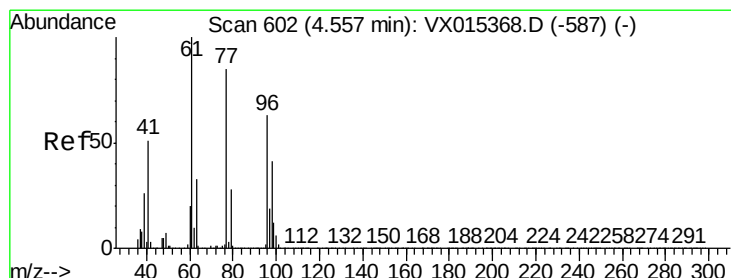
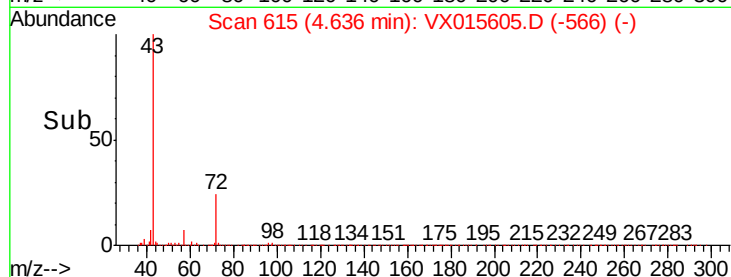
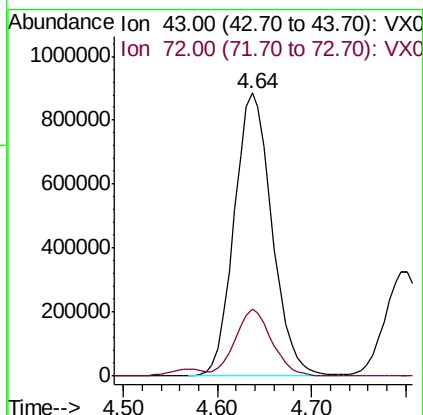
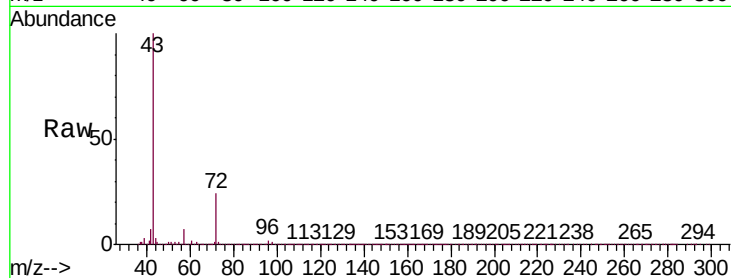
SS037MW311-200407MS

Tgt Ion: 43 Resp: 2454848

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4



#26

2,2-Dichloropropane

Concen: 43.047 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015605.D

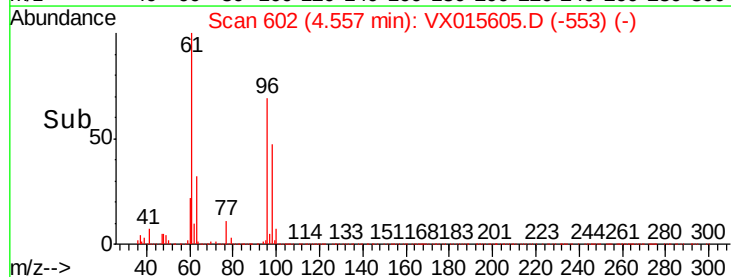
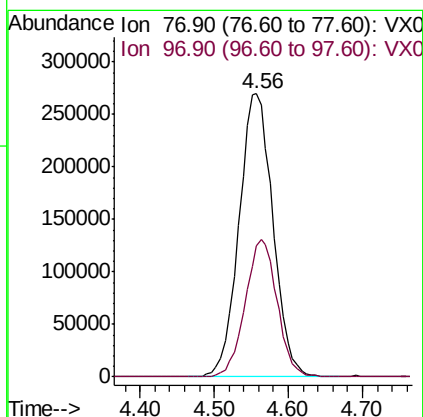
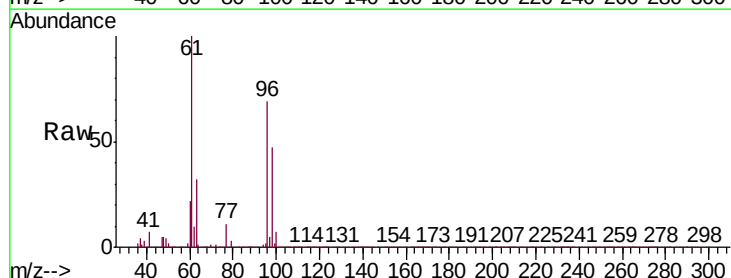
Acq: 09 Apr 2020 18:38

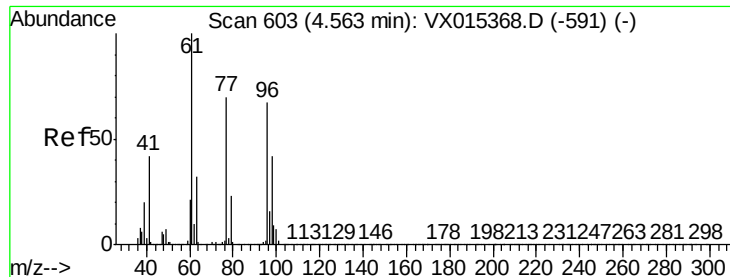
Tgt Ion: 77 Resp: 860130

Ion Ratio Lower Upper

77 100

97 45.7 11.3 33.8#



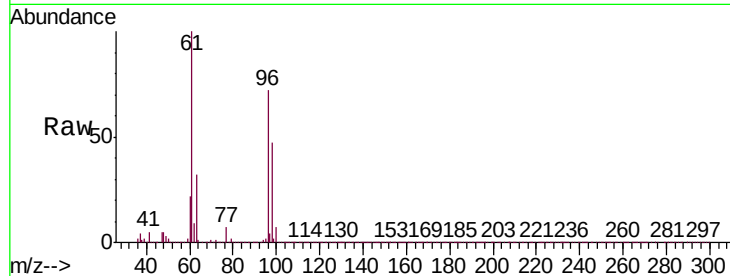


#27

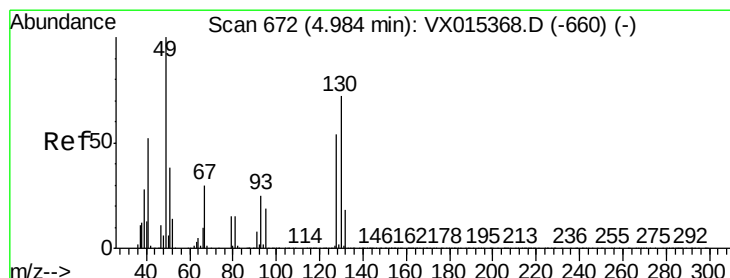
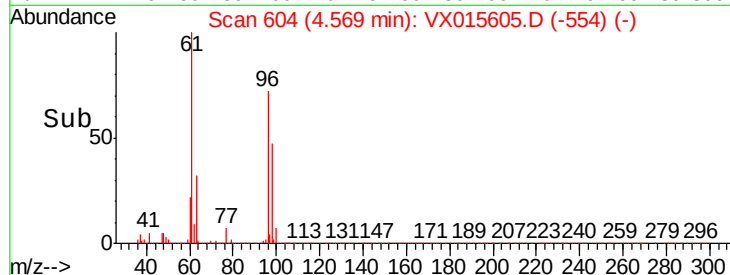
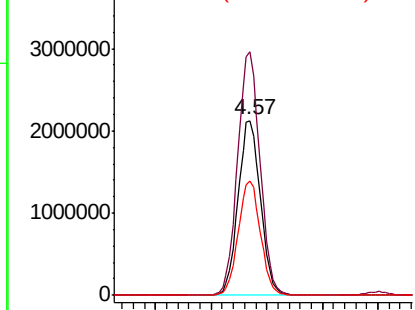
cis-1,2-Dichloroethene
Concen: 411.641 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

Tgt Ion: 96 Resp: 5902054
Ion Ratio Lower Upper
96 100
61 139.5 0.0 308.4
98 65.1 0.0 129.2



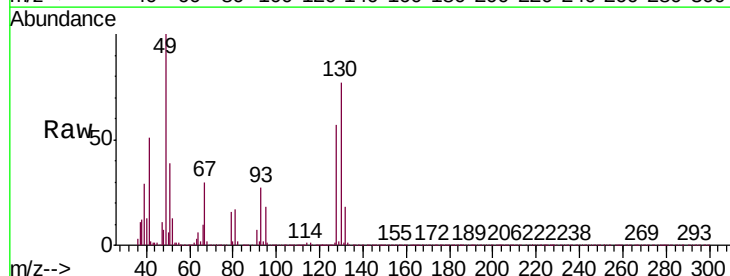
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



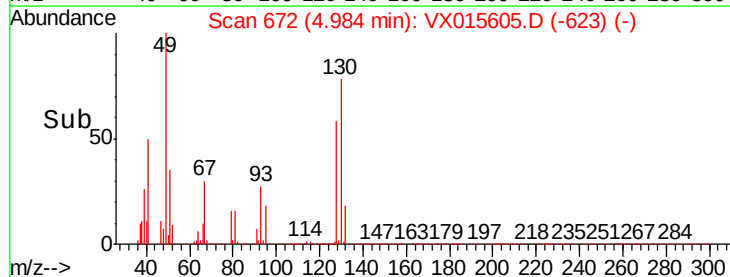
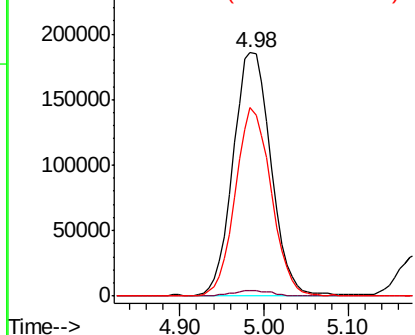
#28

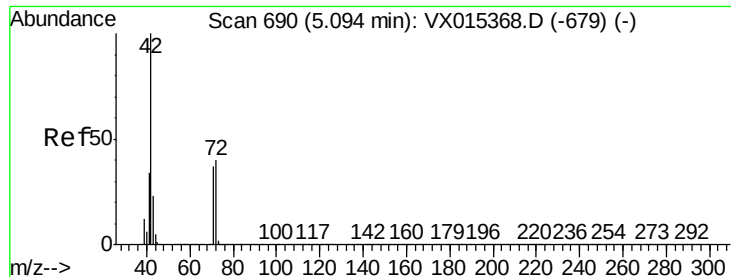
Bromochloromethane
Concen: 48.409 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion: 49 Resp: 562641
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 73.6 57.7 86.5



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: 214.997 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

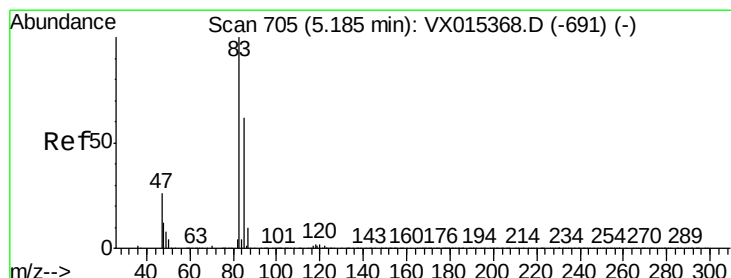
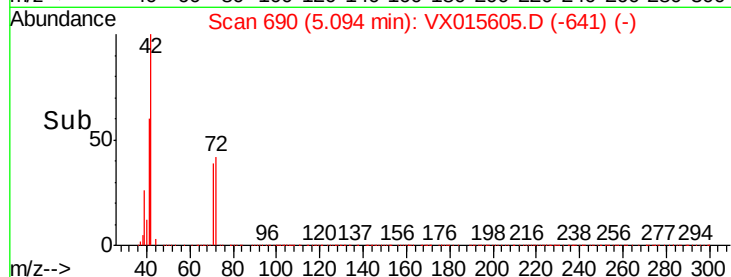
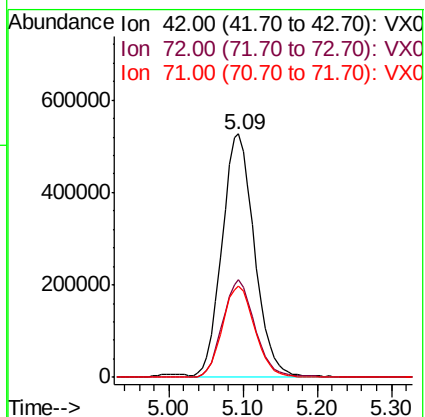
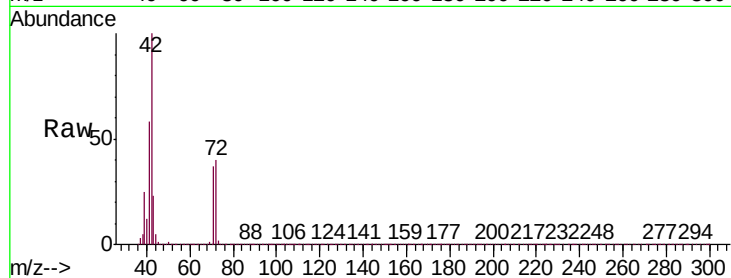
Tgt Ion: 42 Resp: 1593050

Ion Ratio Lower Upper

42 100

72 40.2 31.7 47.5

71 37.5 29.6 44.4



#30

Chloroform

Concen: 45.428 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015605.D

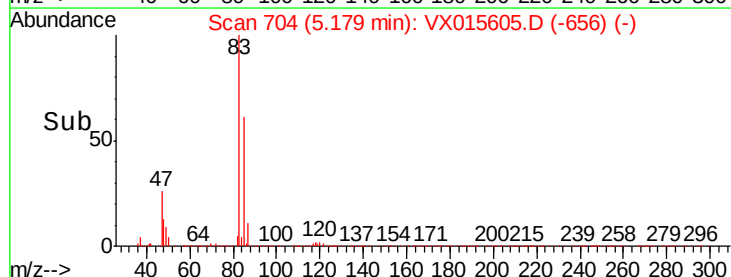
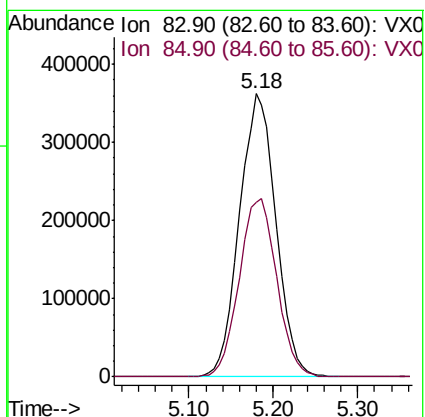
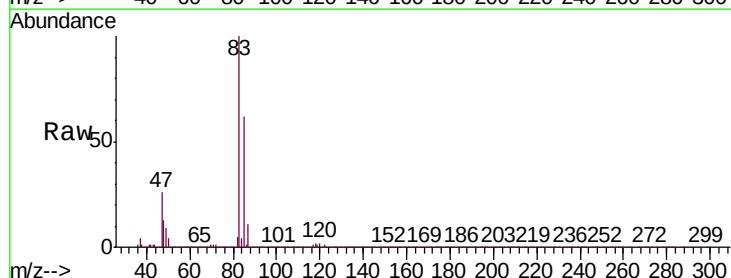
Acq: 09 Apr 2020 18:38

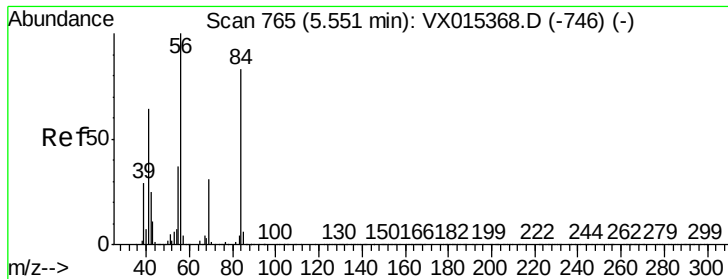
Tgt Ion: 83 Resp: 1063938

Ion Ratio Lower Upper

83 100

85 61.8 49.5 74.3

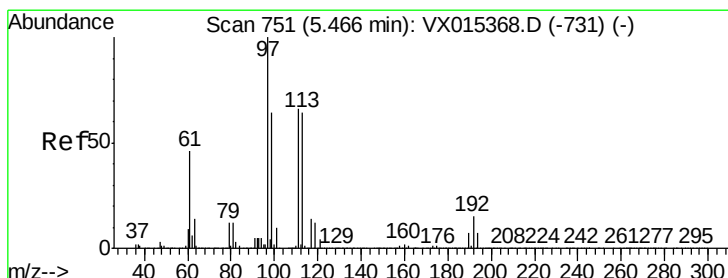
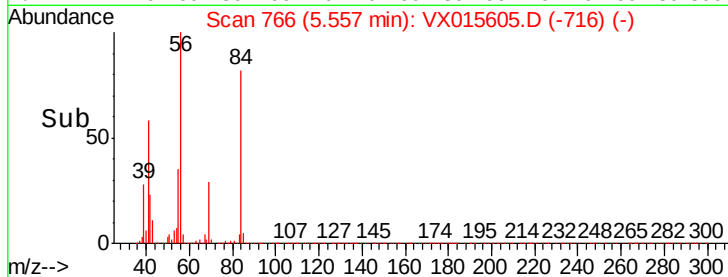
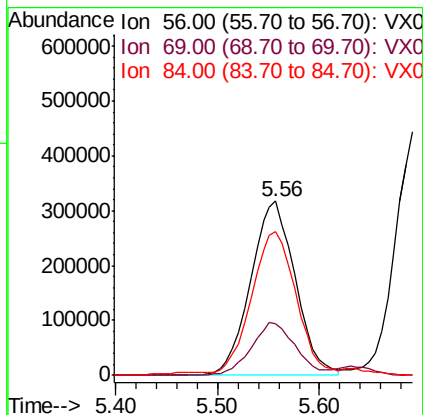
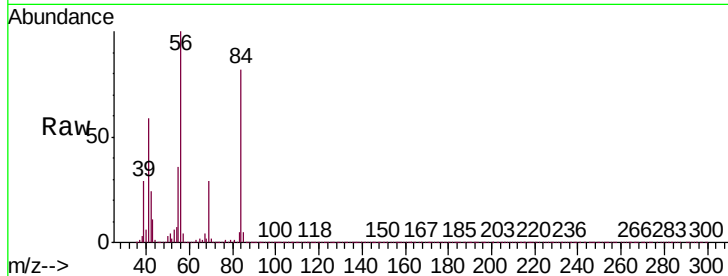




#31
Cyclohexane
Concen: 45.361 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

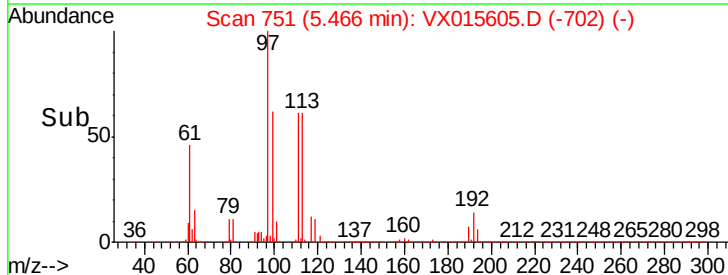
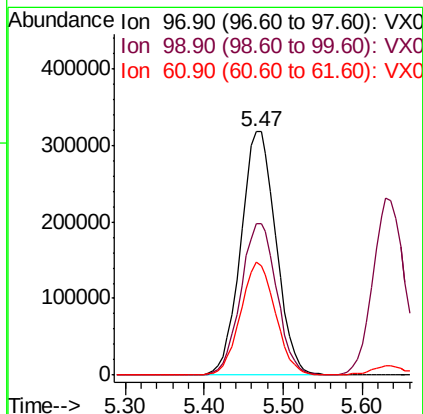
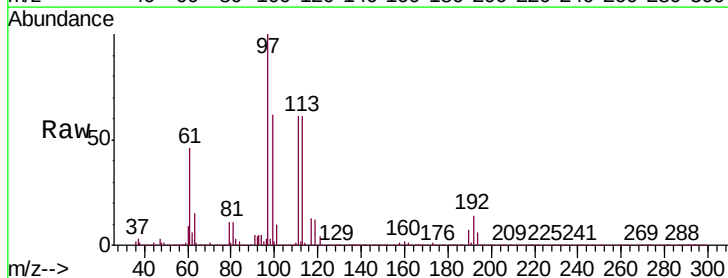
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

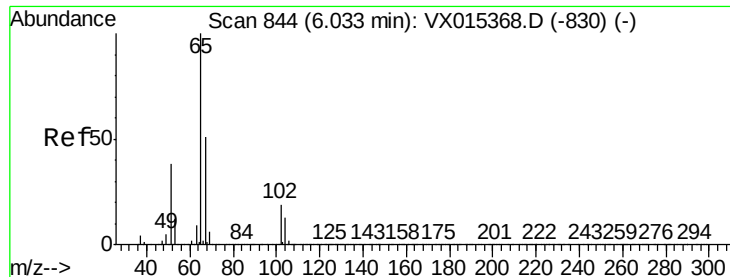
Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.6	36.8
84	80.9	66.1	99.1



#32
1,1,1-Trichloroethane
Concen: 46.383 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.4
61	45.7	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.609 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

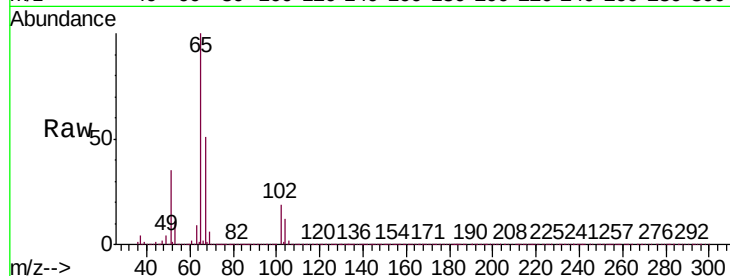
SS037MW311-200407MS

Tgt Ion: 65 Resp: 777520

Ion Ratio Lower Upper

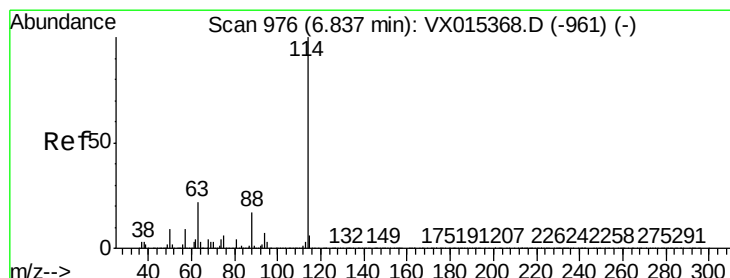
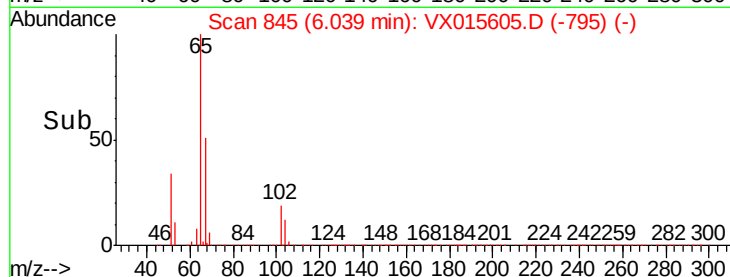
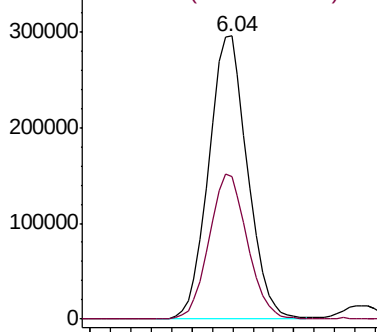
65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

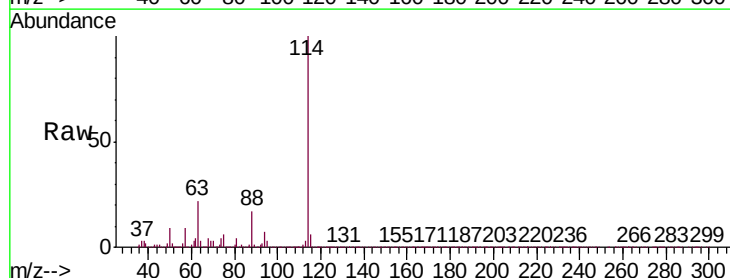
Tgt Ion: 114 Resp: 1824856

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

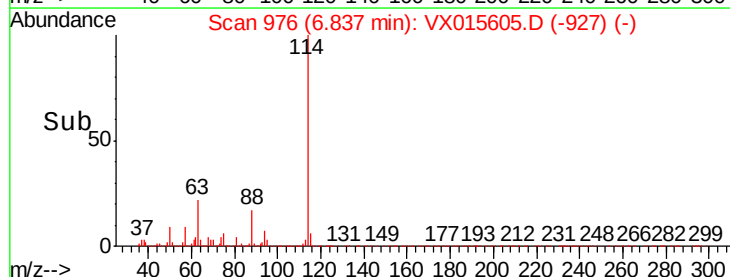
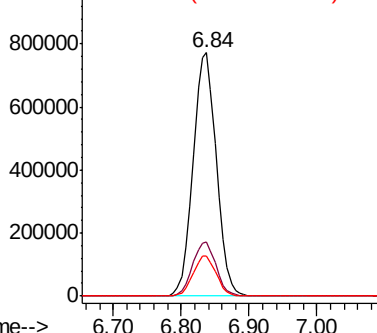
88 16.5 0.0 33.8

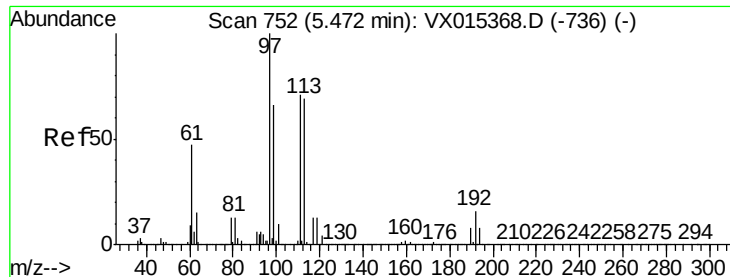


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

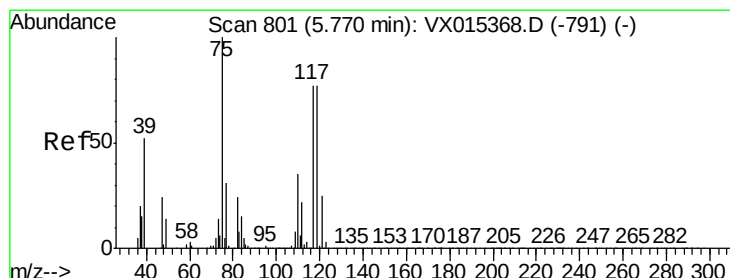
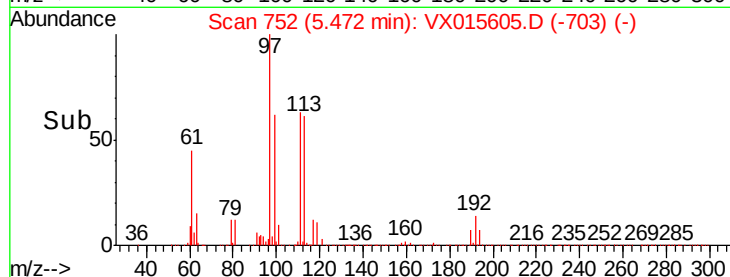
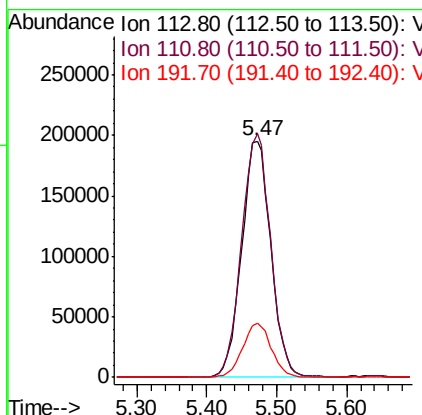
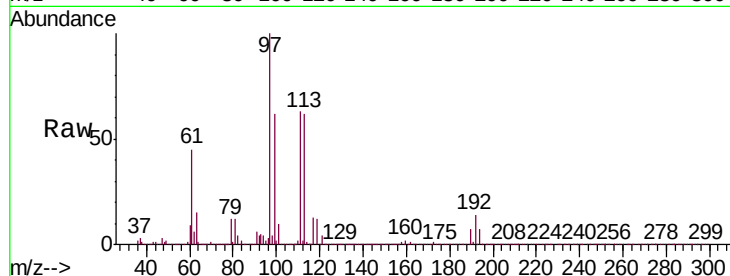




#35
Dibromofluoromethane
Concen: 48.378 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

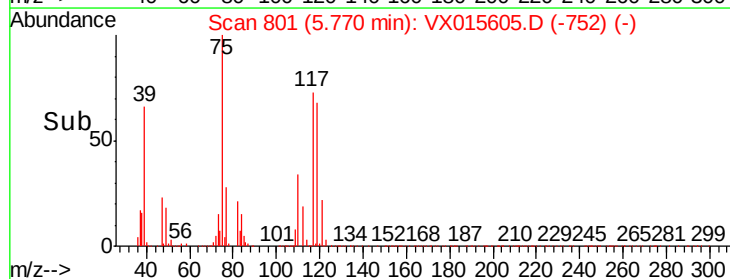
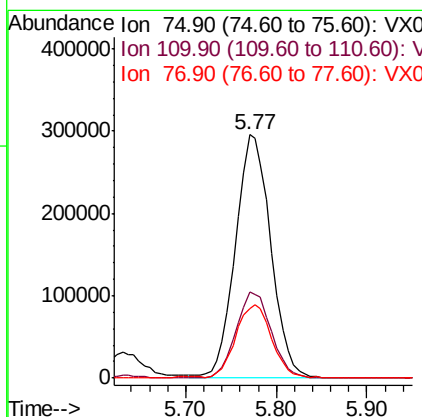
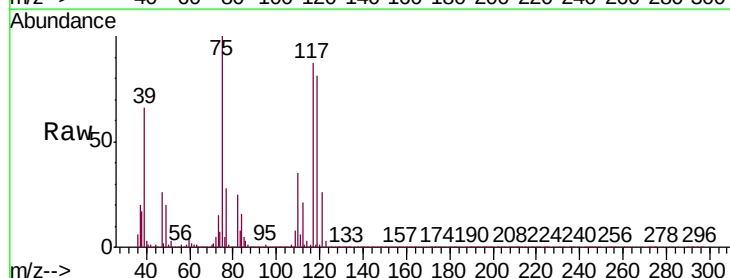
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

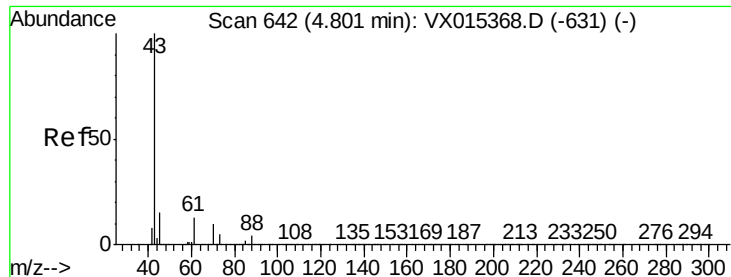
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	22.7	17.8	26.6



#36
1,1-Dichloropropene
Concen: 47.288 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.1	51.3
77	30.3	24.6	36.8

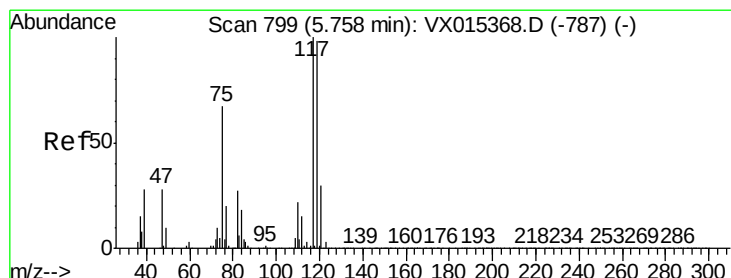
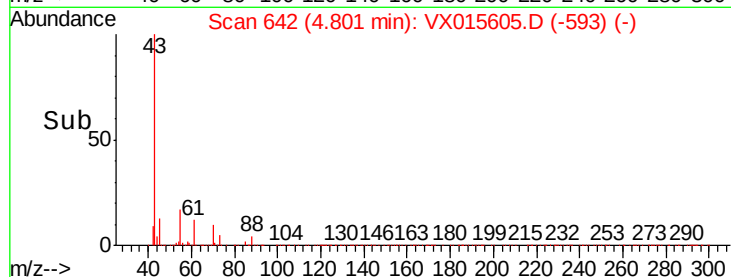
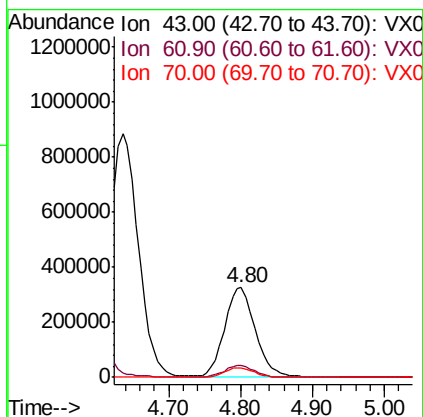
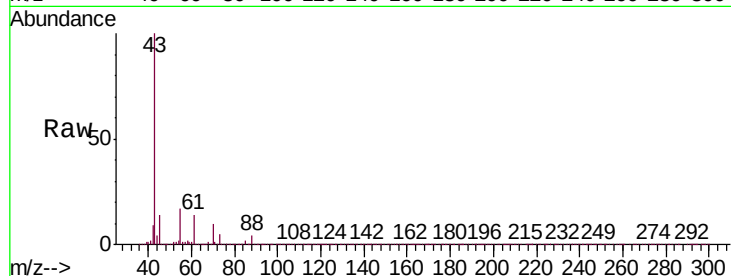




#37
Ethyl Acetate
Concen: 43.877 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

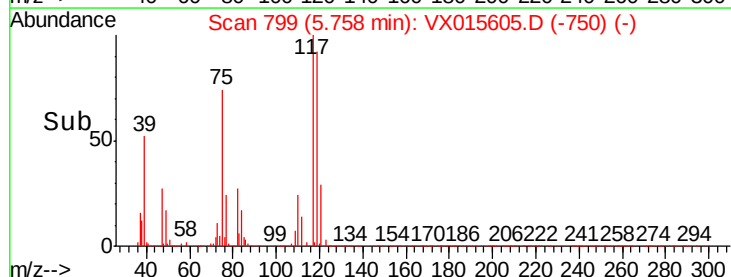
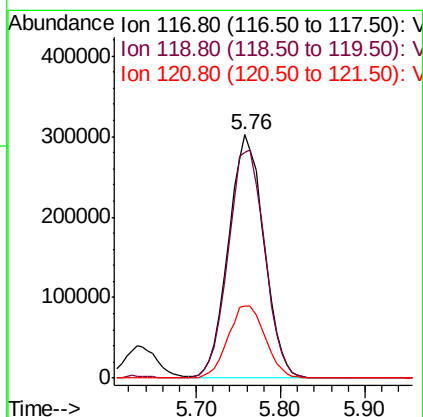
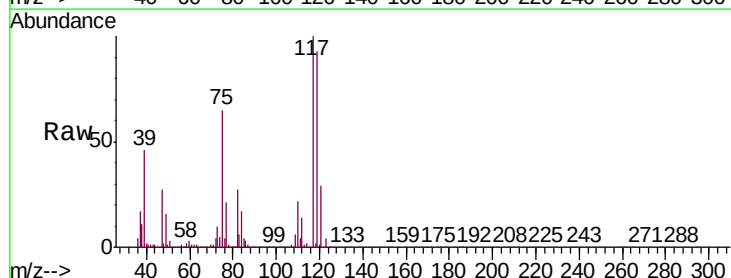
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

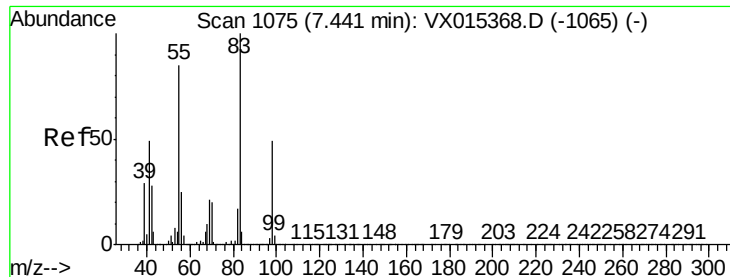
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	10.4	8.1	12.1



#38
Carbon Tetrachloride
Concen: 47.289 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.0	117.0
121	29.3	23.8	35.8

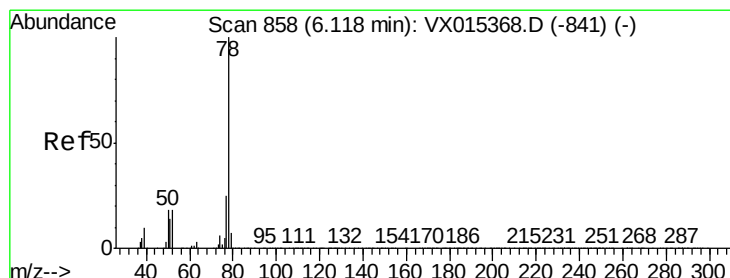
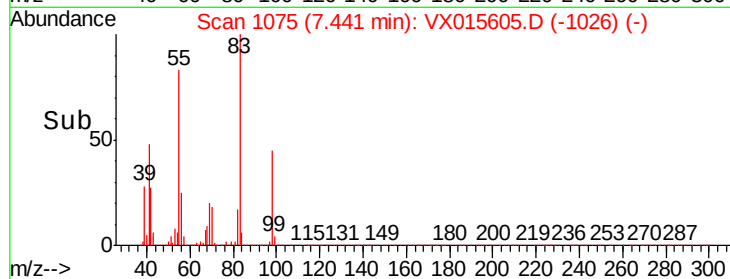
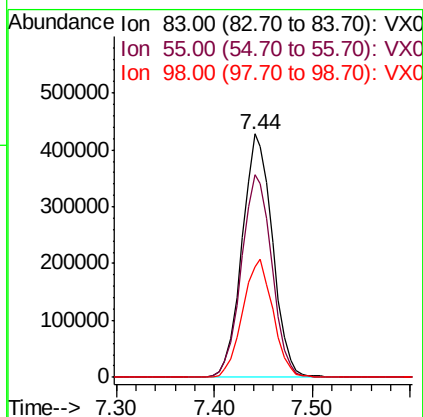
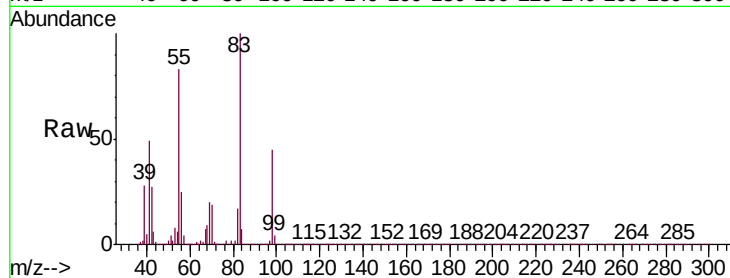




#39
Methylcyclohexane
Concen: 47.538 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

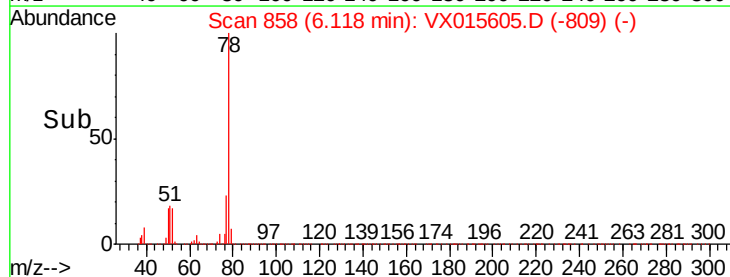
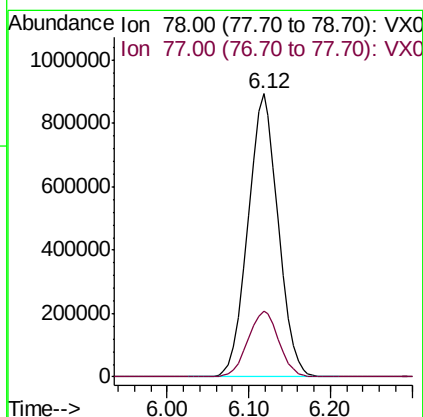
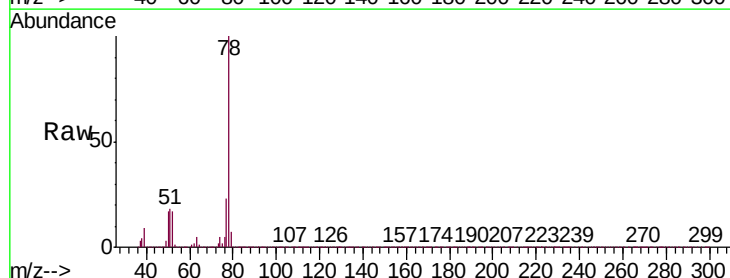
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

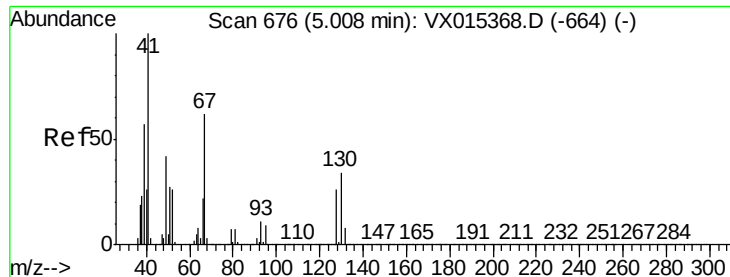
Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.1	67.8	101.6
98	45.3	39.3	58.9



#40
Benzene
Concen: 46.743 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.8	29.8

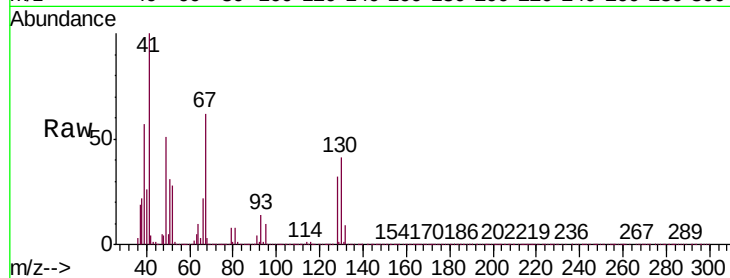




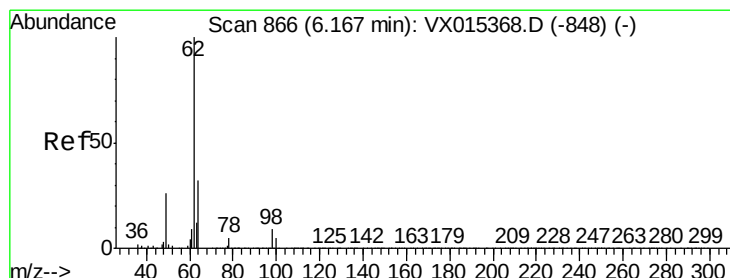
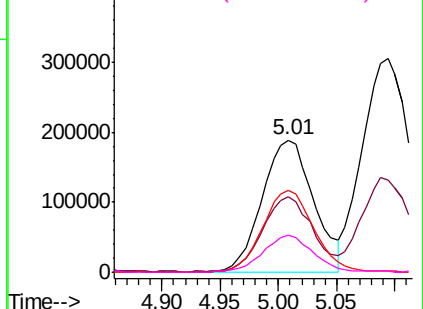
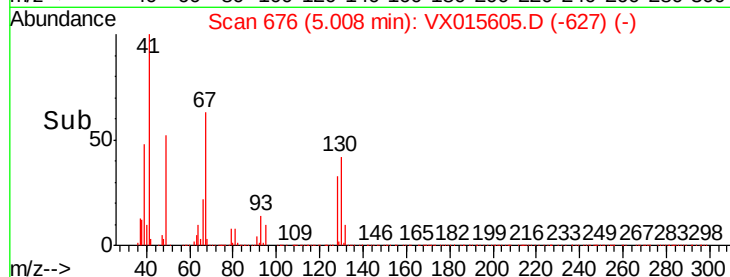
#41
Methacrylonitrile
Concen: 47.288 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

Tgt Ion:	41	Resp:	574705
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.5	66.7
67	61.6	48.9	73.3
52	26.6	21.8	32.6

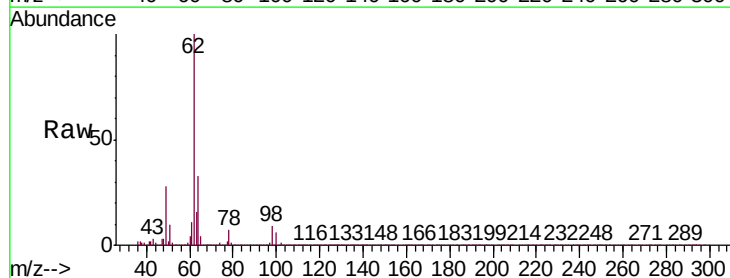


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

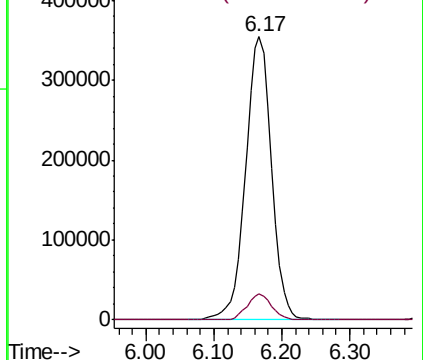
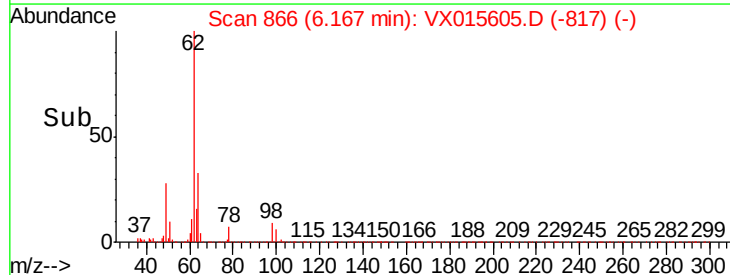


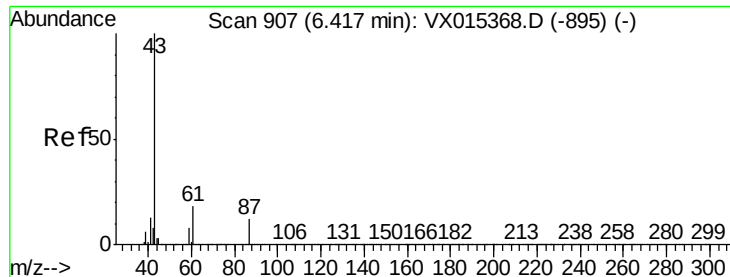
#42
1,2-Dichloroethane
Concen: 47.488 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion:	62	Resp:	939502
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 45.351 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

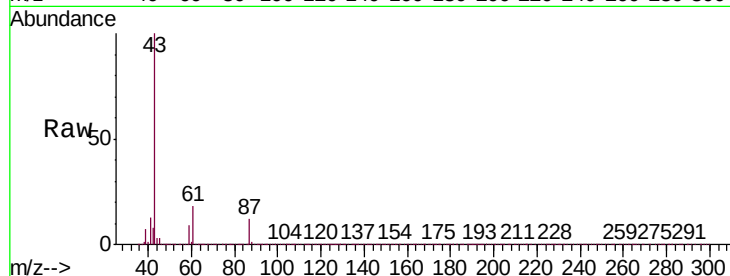
Tgt Ion: 43 Resp: 1676073

Ion Ratio Lower Upper

43 100

61 18.6 14.8 22.2

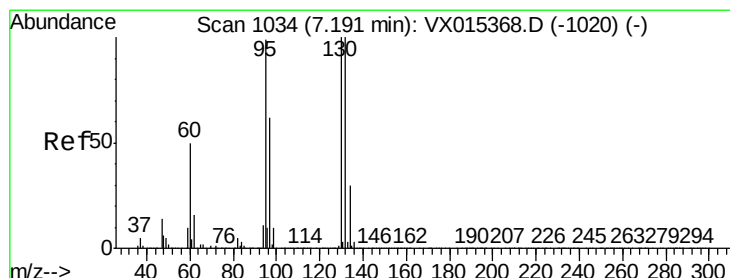
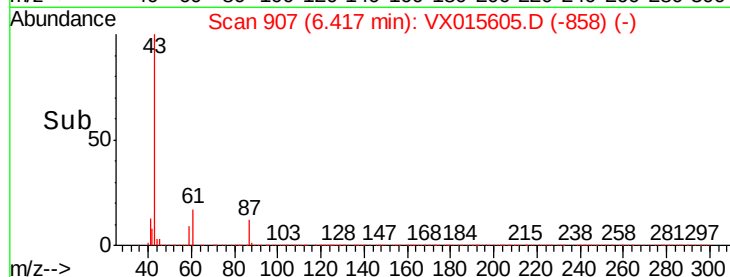
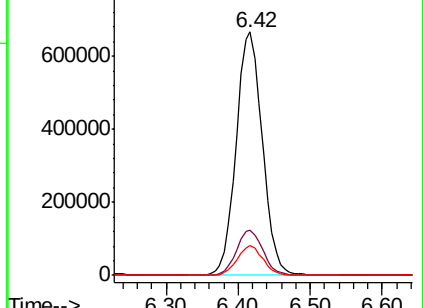
87 12.0 9.4 14.0



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: 155.362 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015605.D

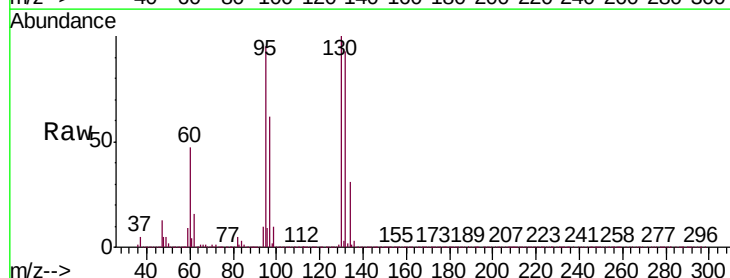
Acq: 09 Apr 2020 18:38

Tgt Ion:130 Resp: 2086906

Ion Ratio Lower Upper

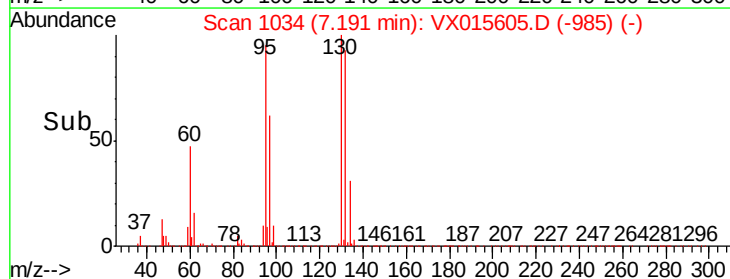
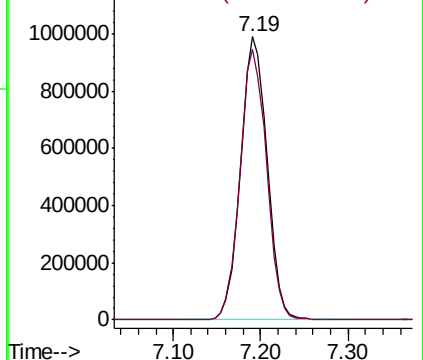
130 100

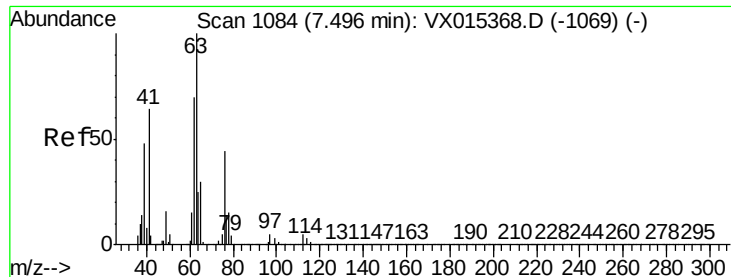
95 95.4 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

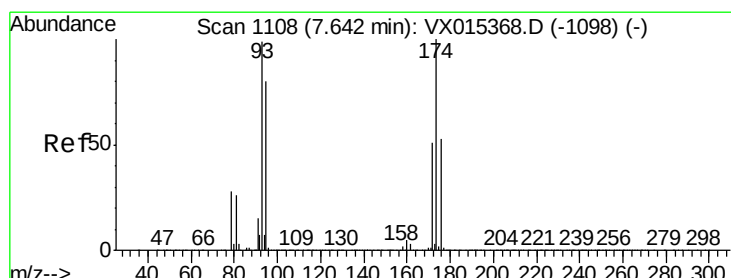
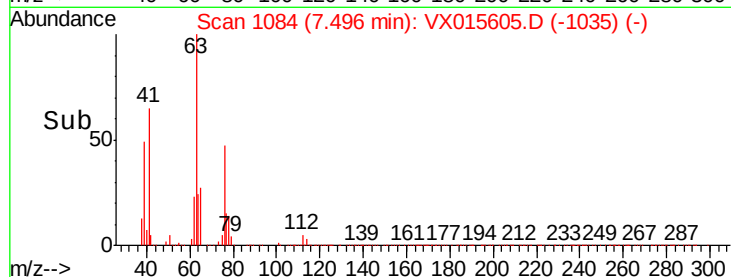
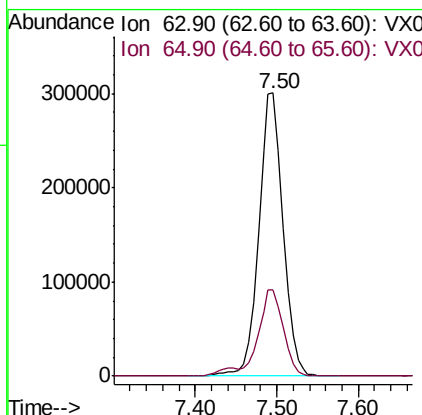
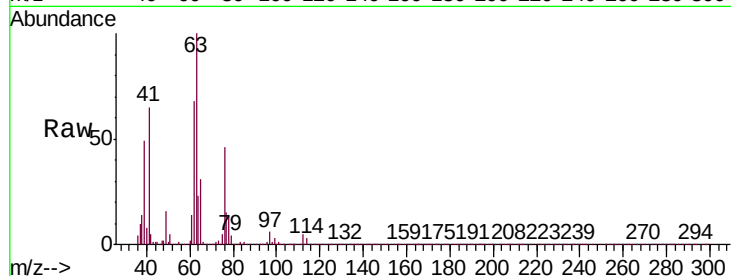




#45
 1,2-Dichloropropane
 Concen: 46.215 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

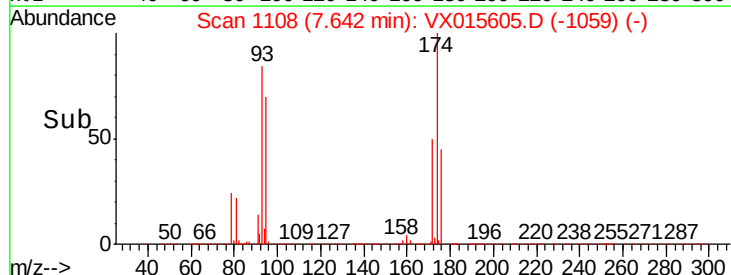
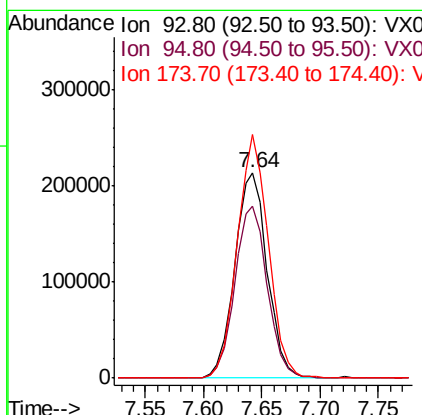
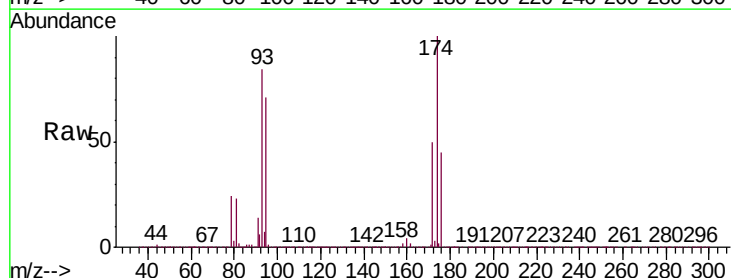
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

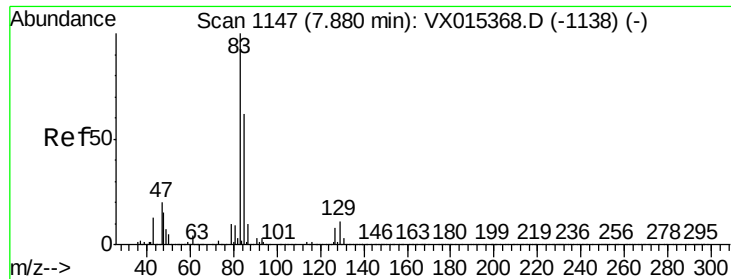
Tgt Ion: 63 Resp: 622690
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.9 35.9



#46
 Dibromomethane
 Concen: 46.519 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion: 93 Resp: 411157
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.8 98.8
 174 114.2 86.2 129.2





#47

Bromodichloromethane

Concen: 47.020 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

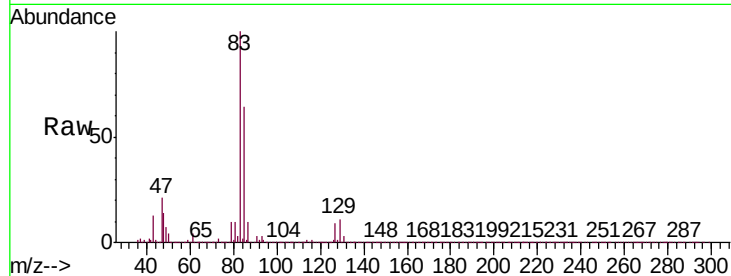
Tgt Ion: 83 Resp: 885529

Ion Ratio Lower Upper

83 100

85 63.8 49.7 74.5

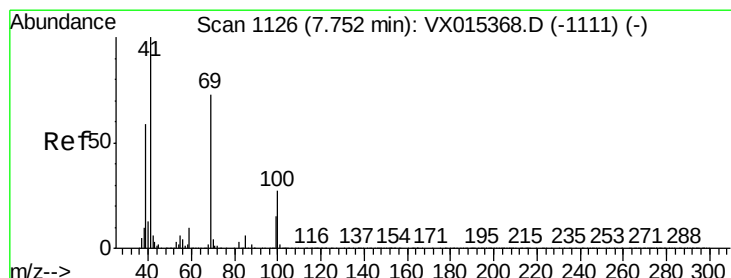
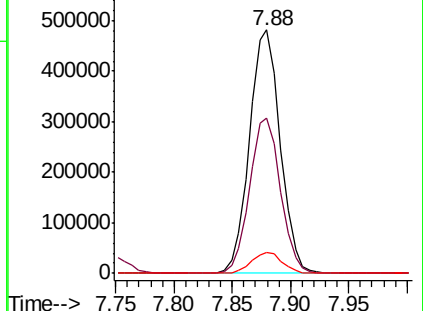
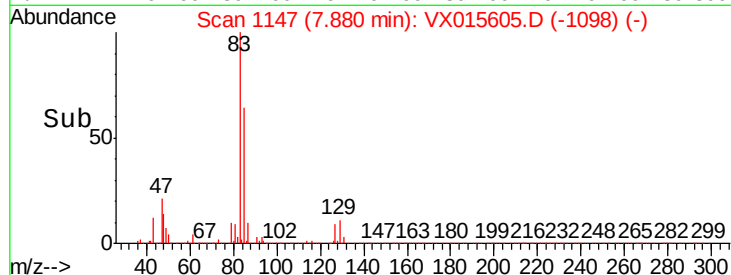
127 8.8 6.7 10.1



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: 46.498 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

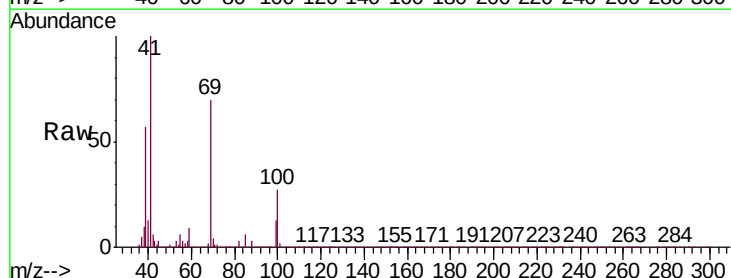
Tgt Ion: 41 Resp: 858352

Ion Ratio Lower Upper

41 100

69 70.8 56.7 85.1

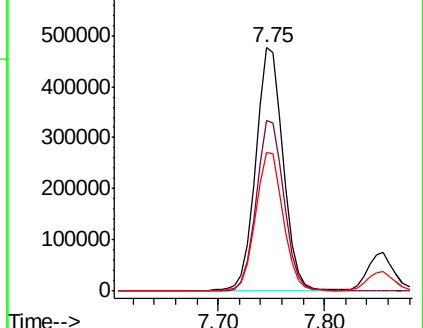
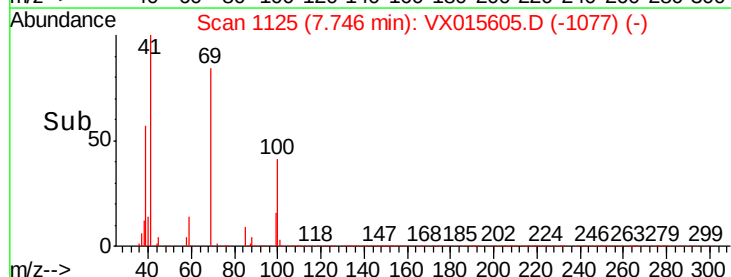
39 57.2 46.5 69.7

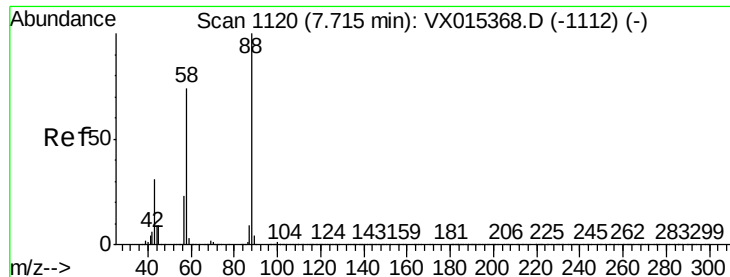


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 759.455 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

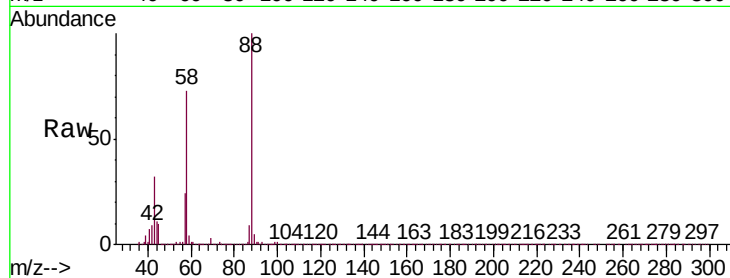
Tgt Ion: 88 Resp: 261534

Ion Ratio Lower Upper

88 100

43 39.4 30.1 45.1

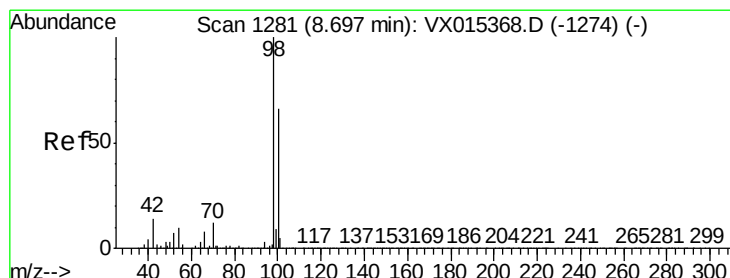
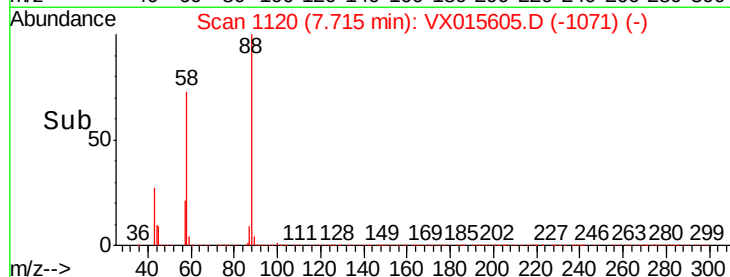
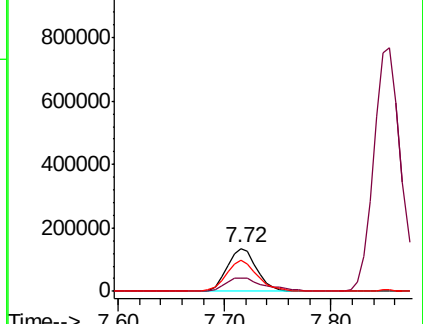
58 75.2 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.973 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015605.D

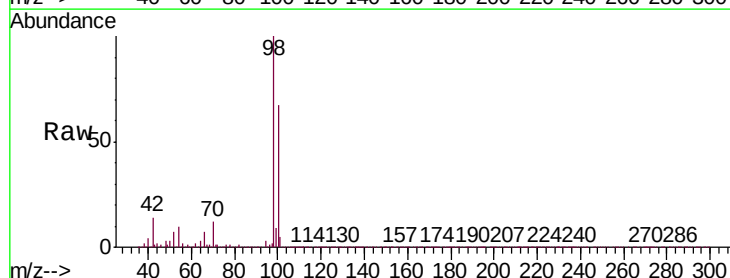
Acq: 09 Apr 2020 18:38

Tgt Ion: 98 Resp: 2103267

Ion Ratio Lower Upper

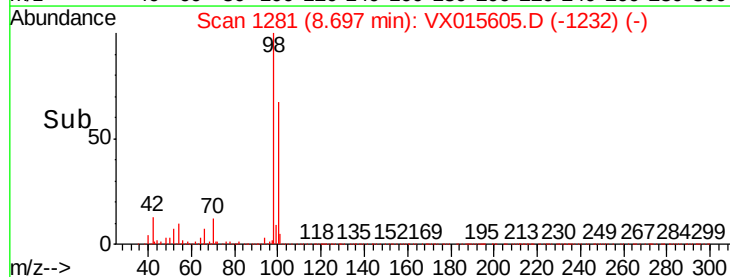
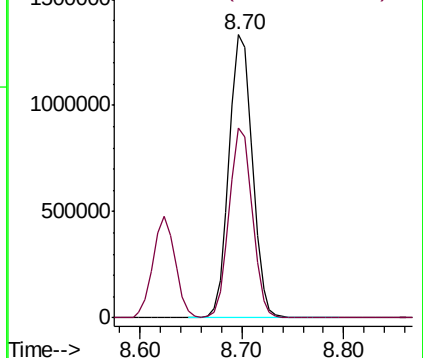
98 100

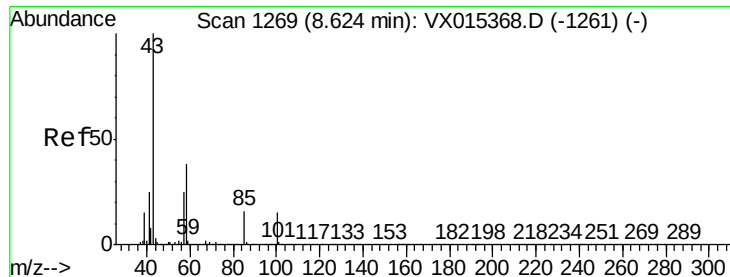
100 66.3 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 233.522 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

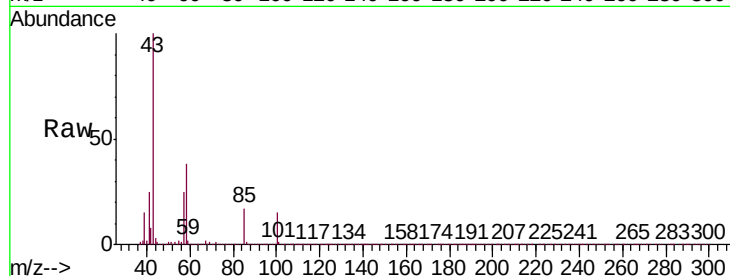
SS037MW311-200407MS

Tgt Ion: 43 Resp: 4891057

Ion Ratio Lower Upper

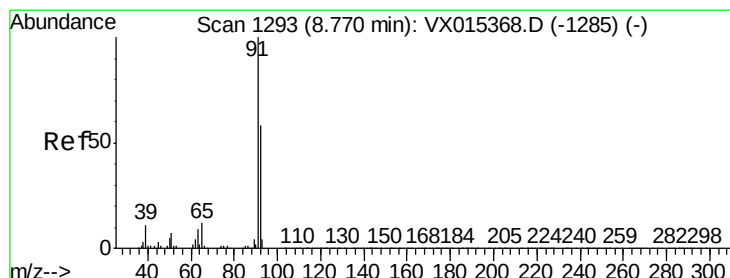
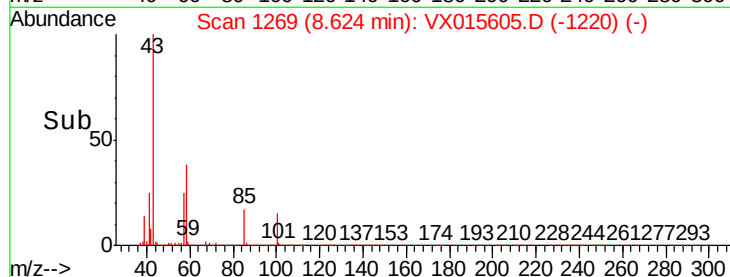
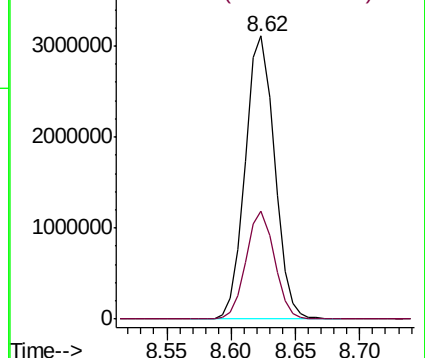
43 100

58 37.2 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.735 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015605.D

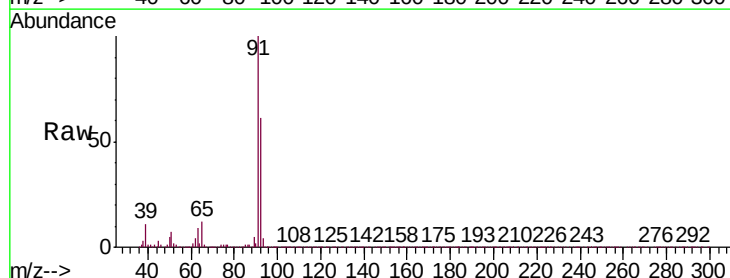
Acq: 09 Apr 2020 18:38

Tgt Ion: 92 Resp: 1449509

Ion Ratio Lower Upper

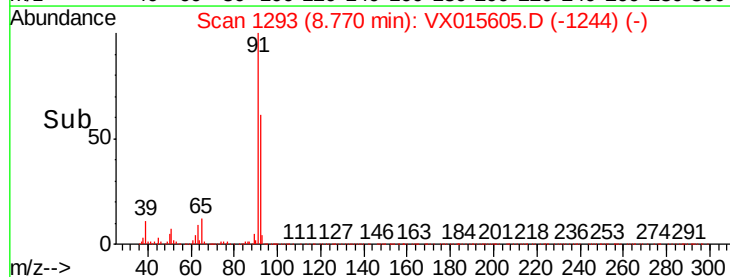
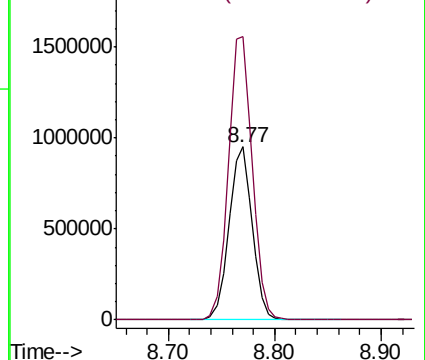
92 100

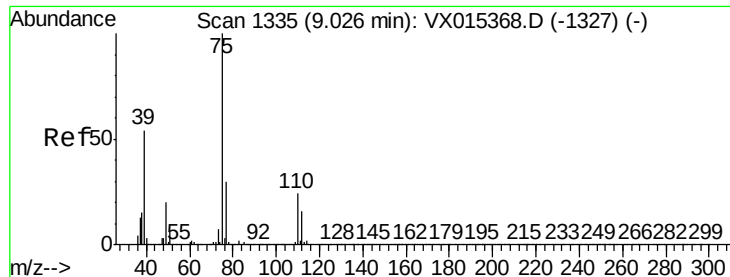
91 168.5 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 45.793 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

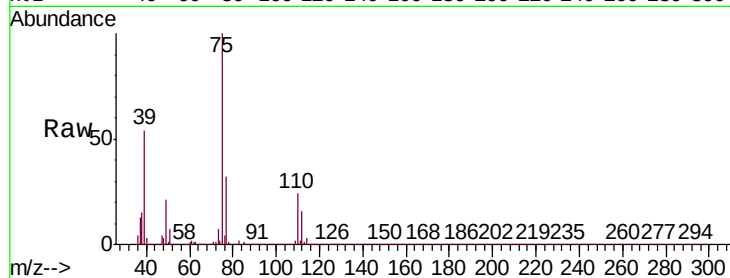
SS037MW311-200407MS

Tgt Ion: 75 Resp: 1011446

Ion Ratio Lower Upper

75 100

77 31.4 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

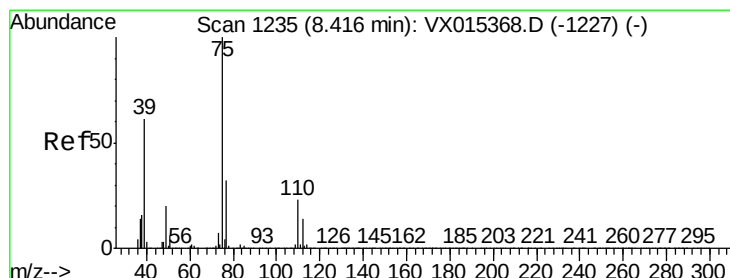
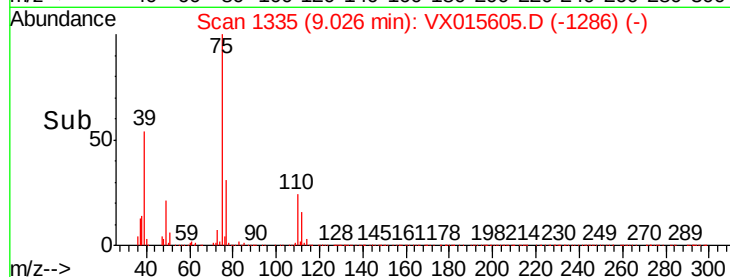
600000

400000

200000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 46.441 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

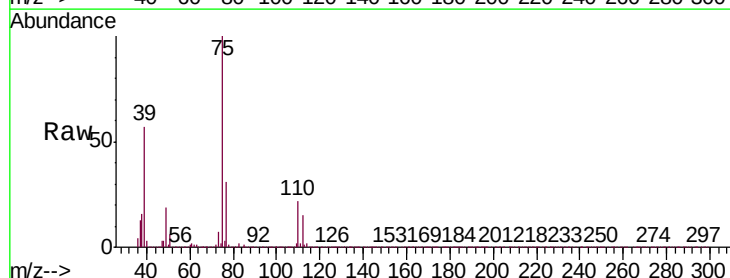
Tgt Ion: 75 Resp: 1044914

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

39 57.3 49.0 73.4



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

8.42

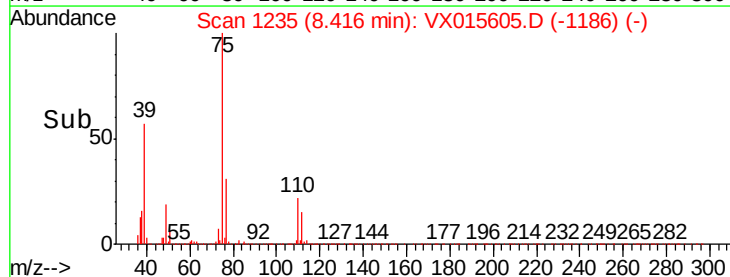
600000

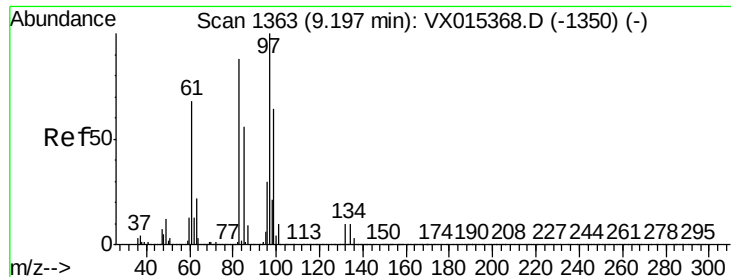
400000

200000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 47.792 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

Tgt Ion: 97 Resp: 594573

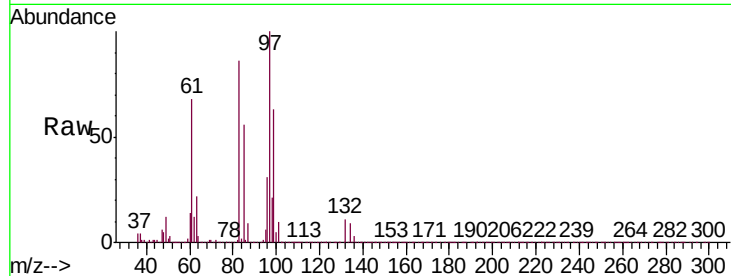
Ion Ratio Lower Upper

97 100

83 86.0 70.2 105.4

85 55.8 44.7 67.1

99 62.9 51.1 76.7

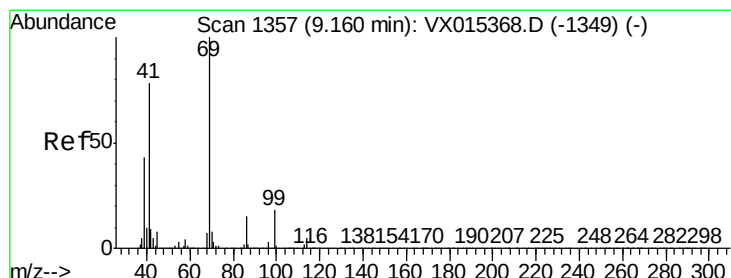
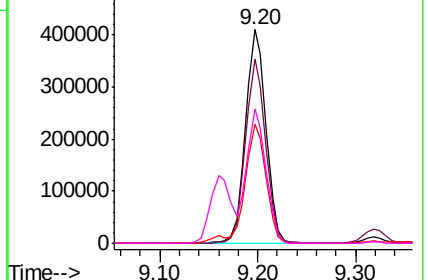
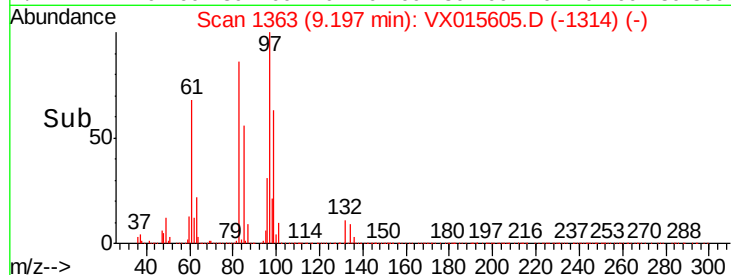


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 46.876 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

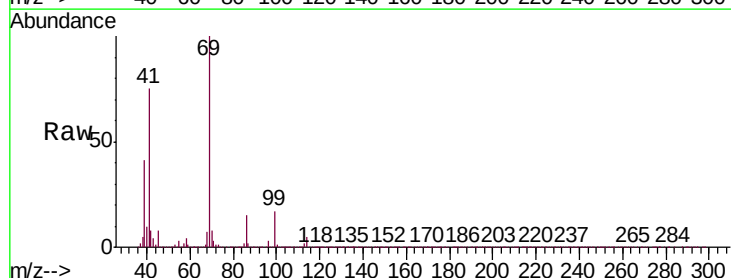
Tgt Ion: 69 Resp: 1027779

Ion Ratio Lower Upper

69 100

41 75.6 61.6 92.4

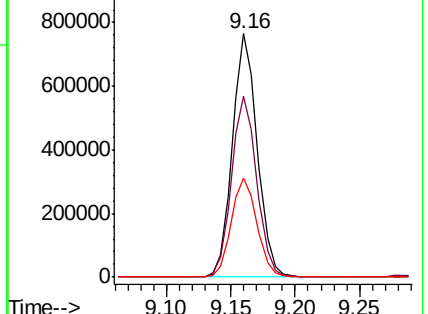
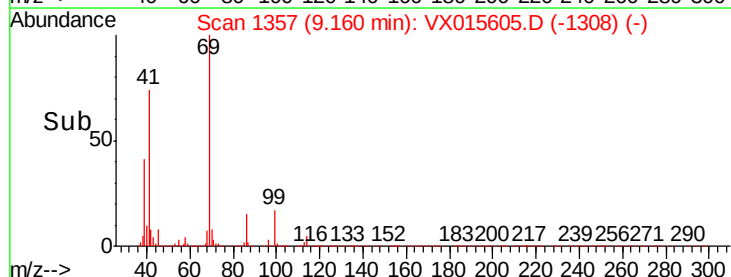
39 42.1 34.0 51.0

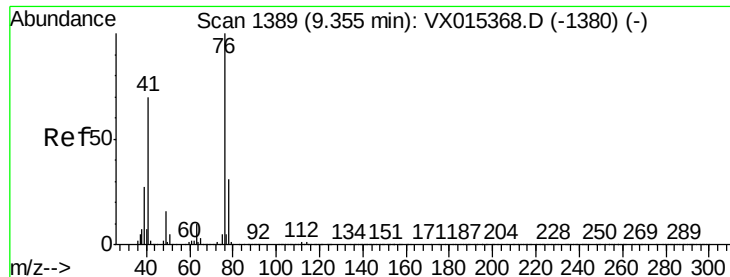


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

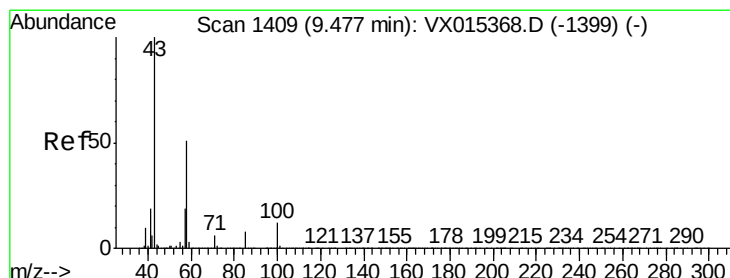
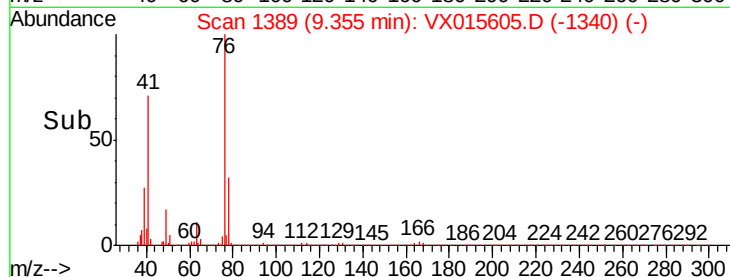
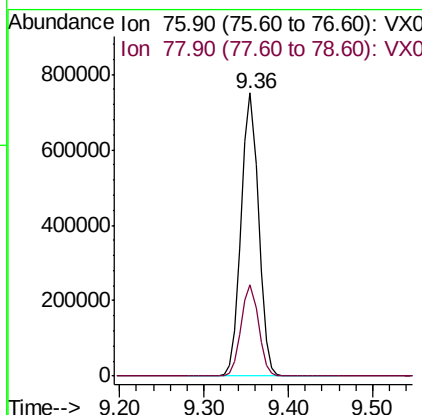
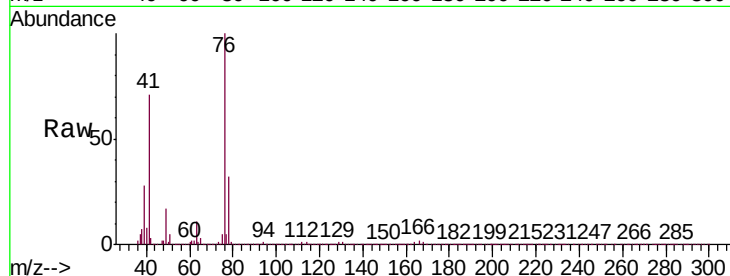




#57
 1,3-Dichloropropane
 Concen: 46.261 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

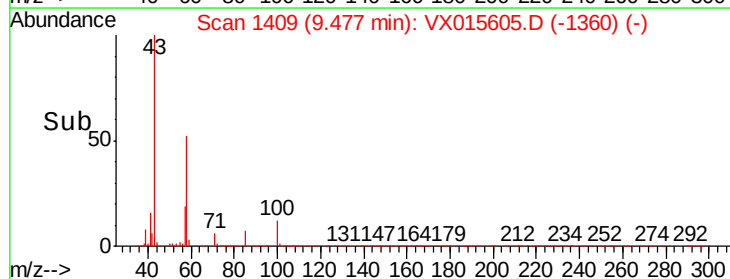
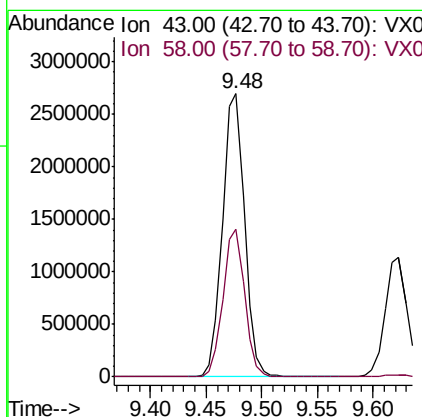
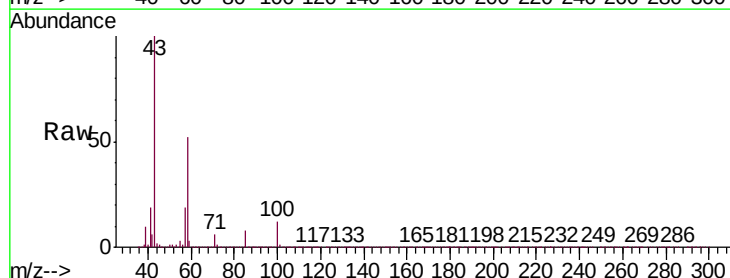
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

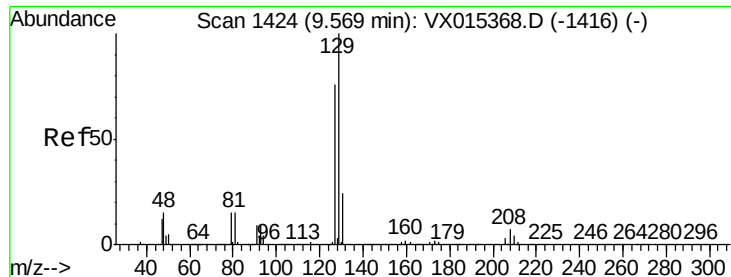
Tgt Ion: 76 Resp: 1036919
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#59
 2-Hexanone
 Concen: 234.227 ug/l
 RT: 9.48 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion: 43 Resp: 3703788
 Ion Ratio Lower Upper
 43 100
 58 51.4 25.6 76.6

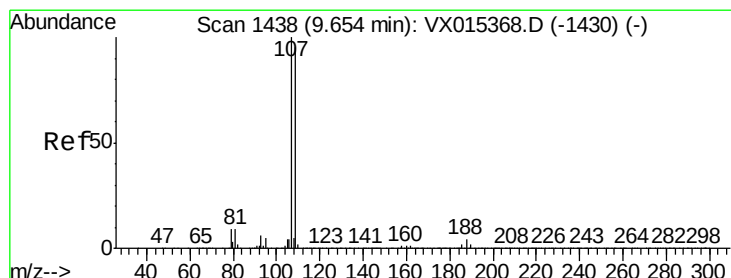
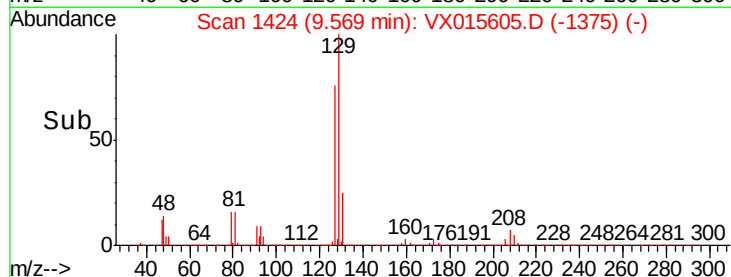
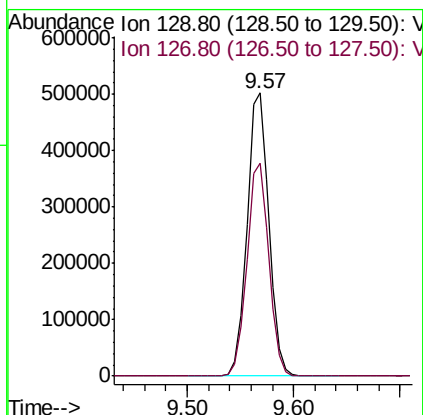
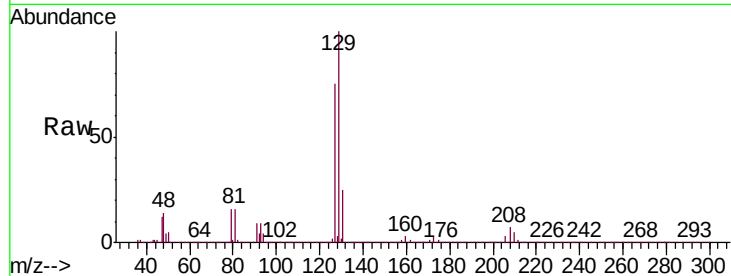




#60
 Dibromochloromethane
 Concen: 48.030 ug/l
 RT: 9.57 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

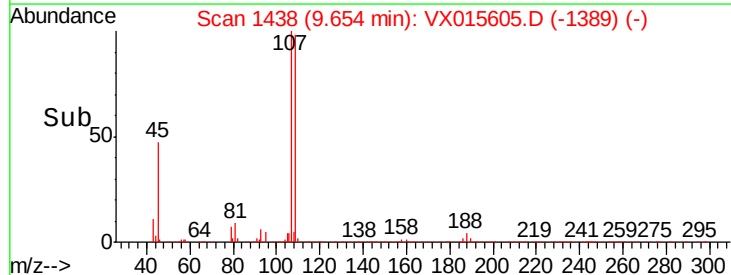
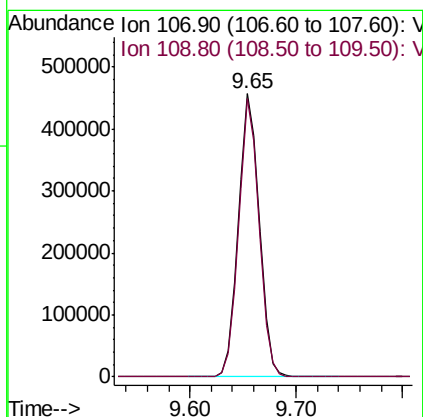
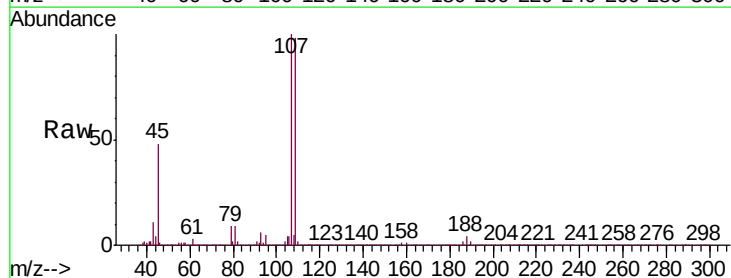
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

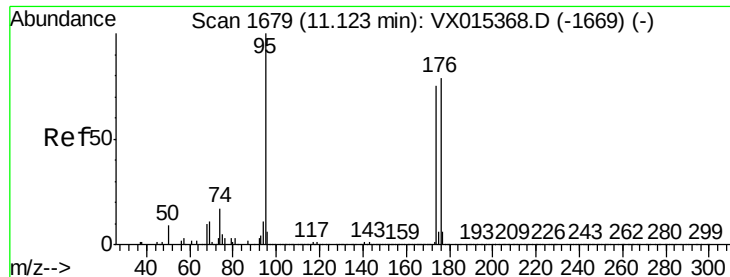
Tgt Ion:129 Resp: 718027
 Ion Ratio Lower Upper
 129 100
 127 76.1 38.2 114.6



#61
 1,2-Dibromoethane
 Concen: 46.785 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion:107 Resp: 632884
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.8 112.2





#62

4-Bromofluorobenzene

Concen: 49.158 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

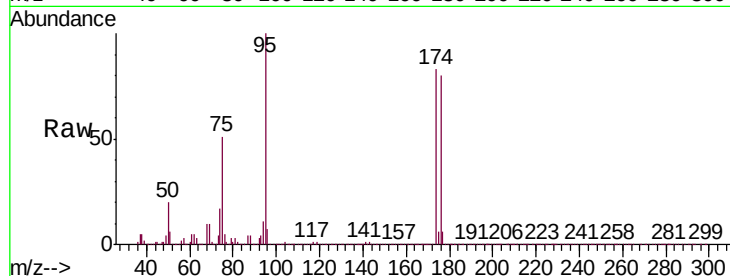
Tgt Ion: 95 Resp: 857991

Ion Ratio Lower Upper

95 100

174 83.9 0.0 158.6

176 80.0 0.0 159.0

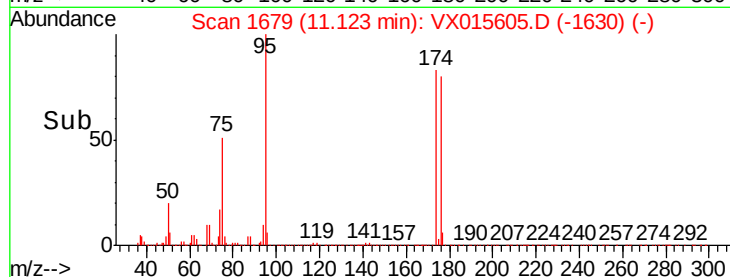


Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)

Time-->

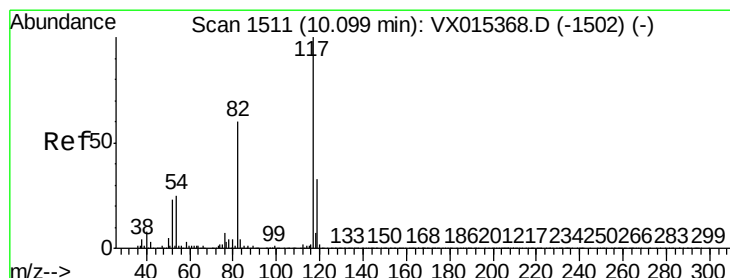


Abundance Ion 94.90 (94.60 to 95.60): VX015605.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015605.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015605.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

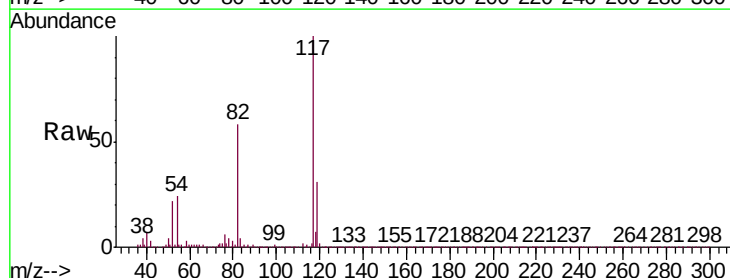
Tgt Ion: 117 Resp: 1716661

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.8

119 31.3 26.8 40.2

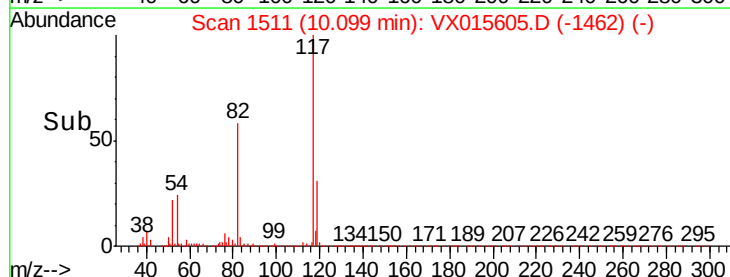


Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)

Time-->

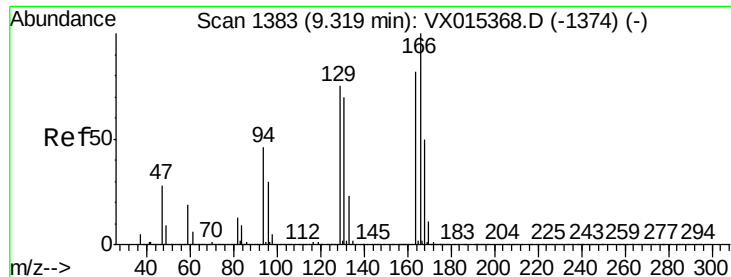


Abundance Ion 116.90 (116.60 to 117.60): VX015605.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015605.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015605.D (-1462) (-)

Time-->



#64

Tetrachloroethene

Concen: 153.931 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

Tgt Ion:164 Resp: 1994215

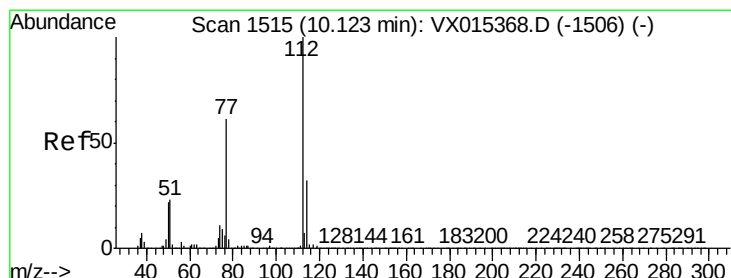
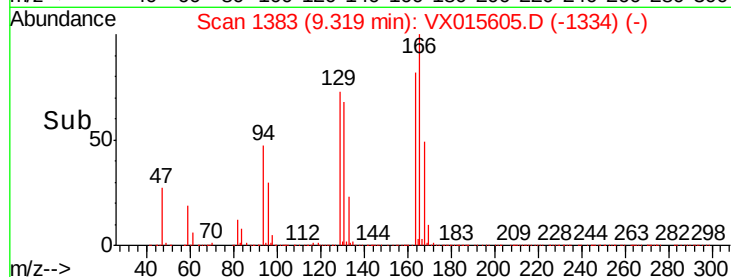
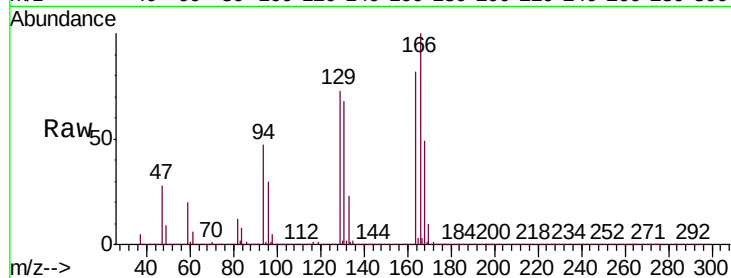
Ion Ratio Lower Upper

164 100

166 122.5 97.8 146.6

129 89.7 73.0 109.4

131 83.8 68.6 103.0



#65

Chlorobenzene

Concen: 46.491 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015605.D

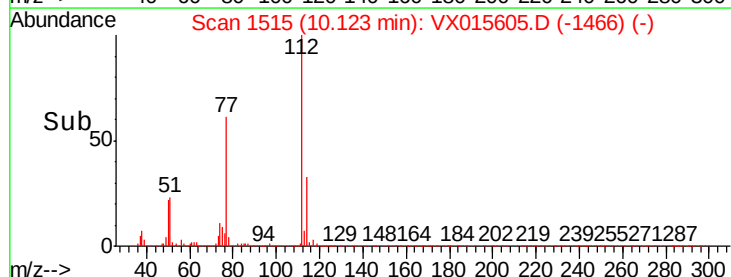
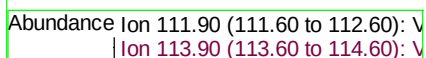
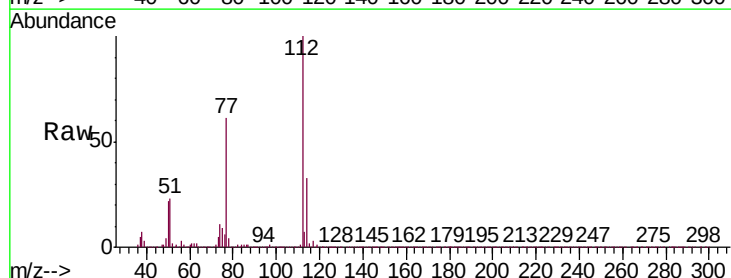
Acq: 09 Apr 2020 18:38

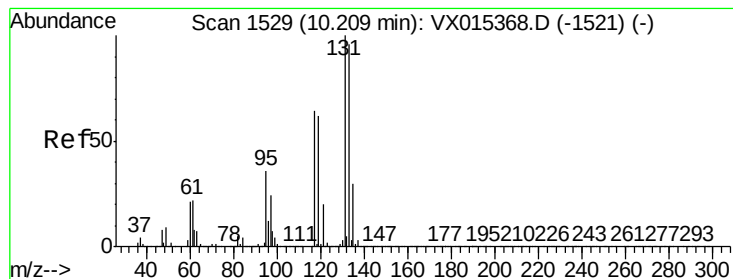
Tgt Ion:112 Resp: 1591638

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 46.211 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

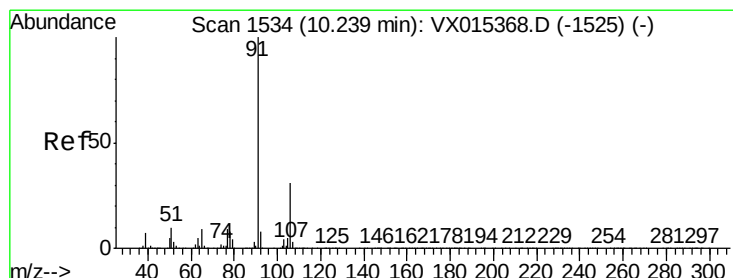
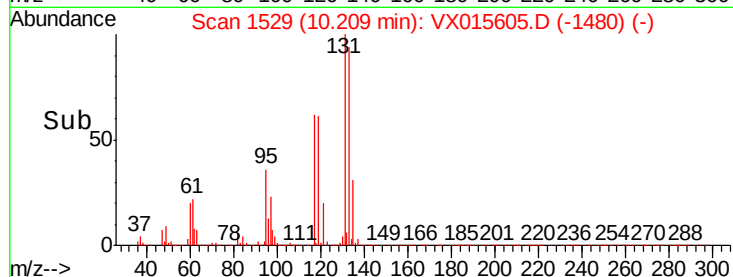
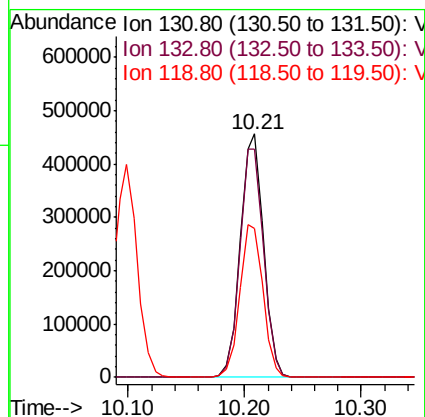
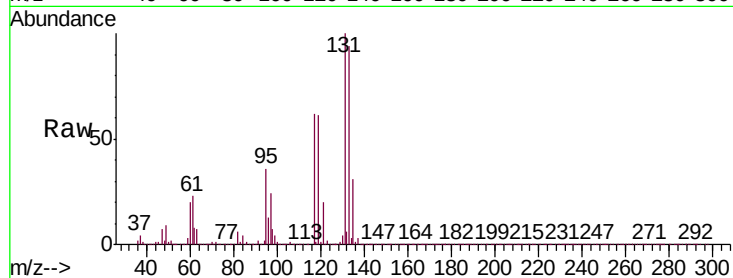
Tgt Ion: 131 Resp: 632036

Ion Ratio Lower Upper

131 100

133 96.2 47.6 142.9

119 62.9 31.1 93.3



#67

Ethyl Benzene

Concen: 46.866 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015605.D

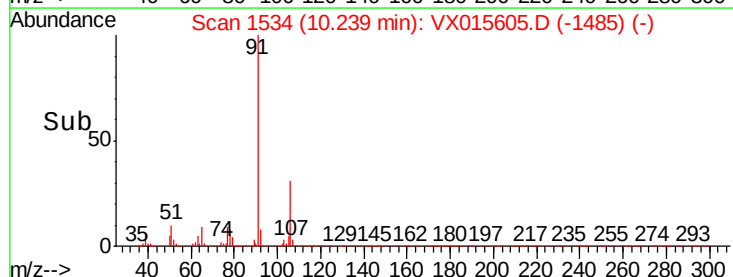
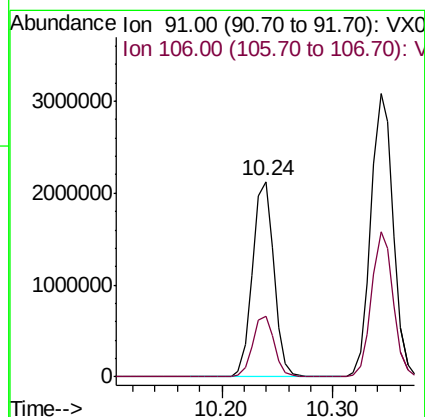
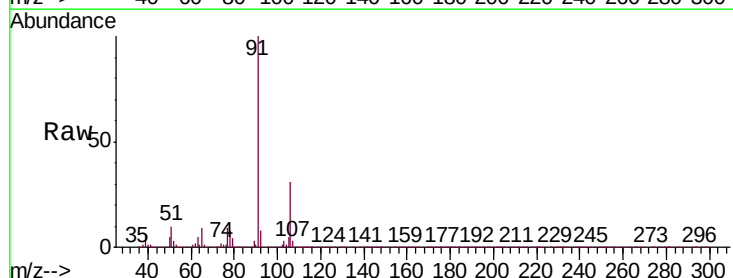
Acq: 09 Apr 2020 18:38

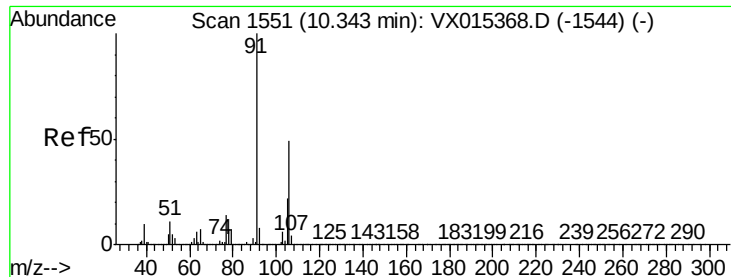
Tgt Ion: 91 Resp: 2845684

Ion Ratio Lower Upper

91 100

106 30.8 24.8 37.2





#68

m/p-Xylenes

Concen: 94.552 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

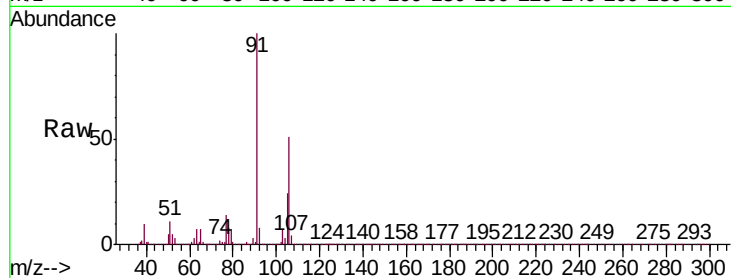
SS037MW311-200407MS

Tgt Ion:106 Resp: 2137827

Ion Ratio Lower Upper

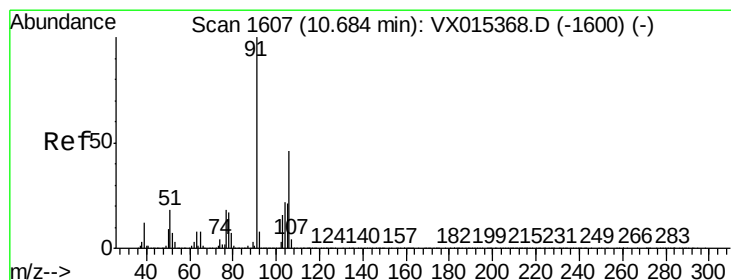
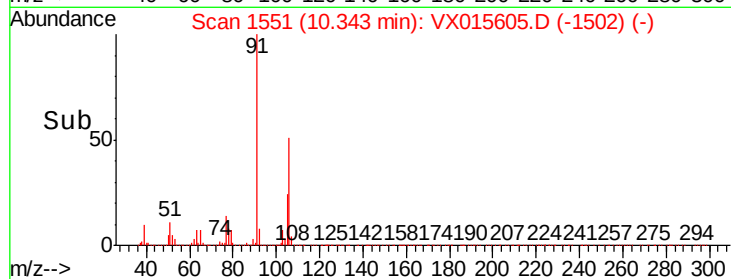
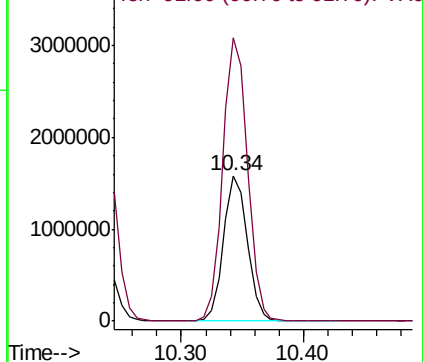
106 100

91 201.7 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 46.838 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015605.D

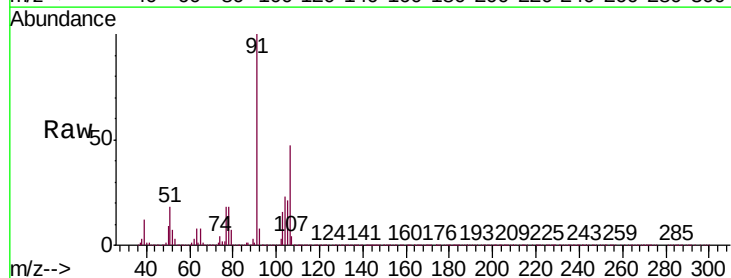
Acq: 09 Apr 2020 18:38

Tgt Ion:106 Resp: 1046468

Ion Ratio Lower Upper

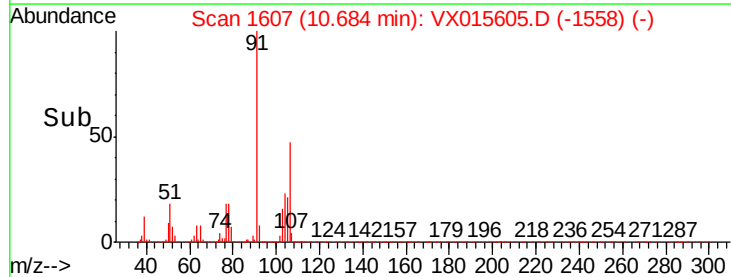
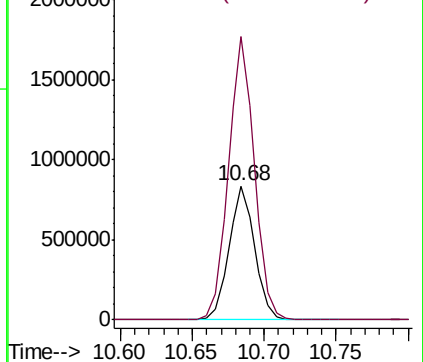
106 100

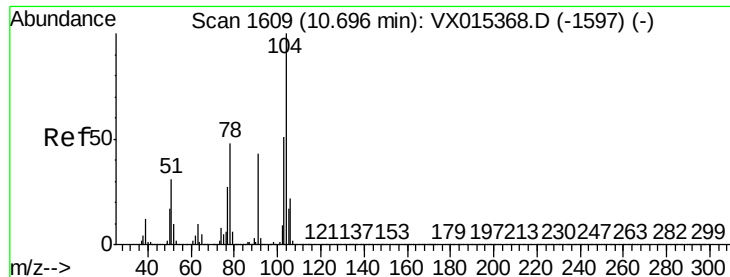
91 213.0 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 47.099 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

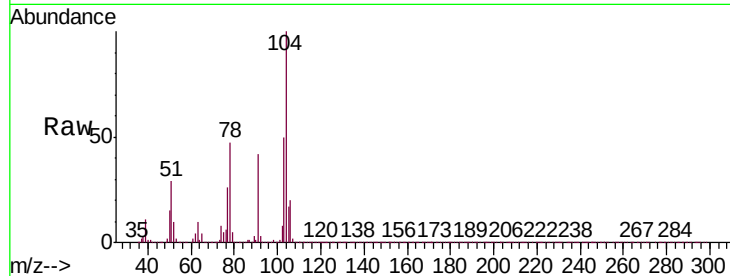
Tgt Ion:104 Resp: 1851714

Ion Ratio Lower Upper

104 100

78 51.7 42.0 63.0

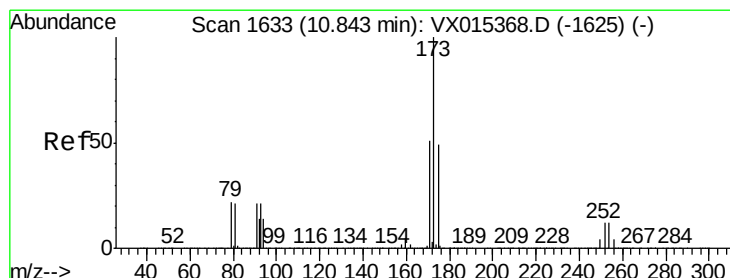
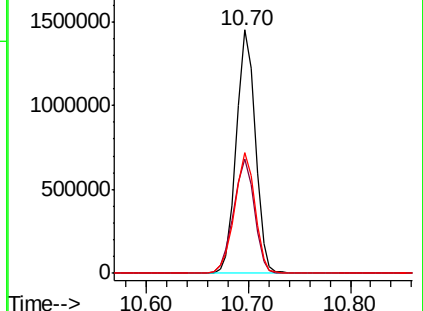
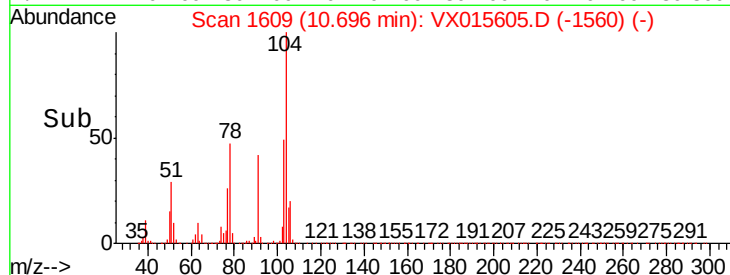
103 53.1 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 46.112 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

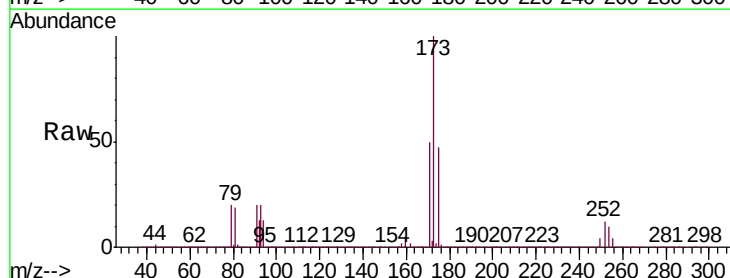
Tgt Ion:173 Resp: 574137

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

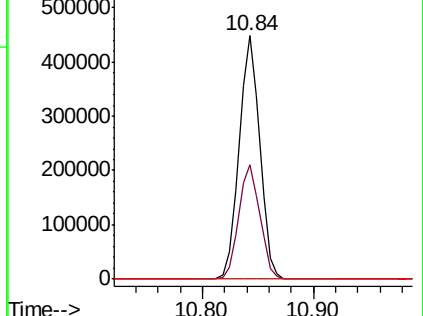
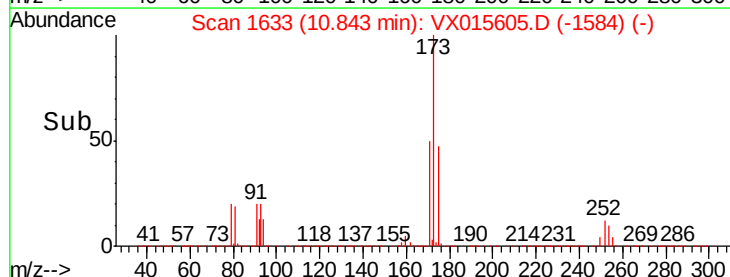
254 0.1 0.1 0.1#

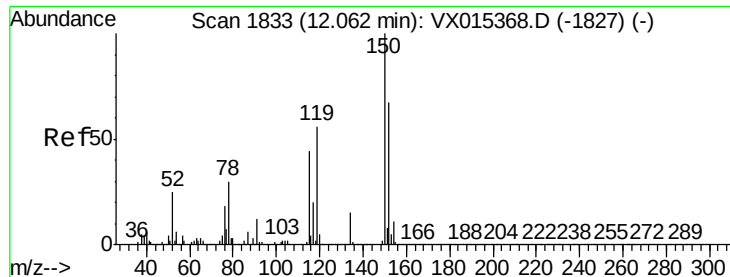


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

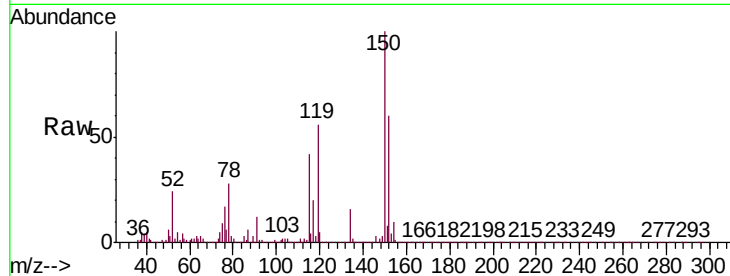
Tgt Ion:152 Resp: 894589

Ion Ratio Lower Upper

152 100

115 80.0 39.0 116.9

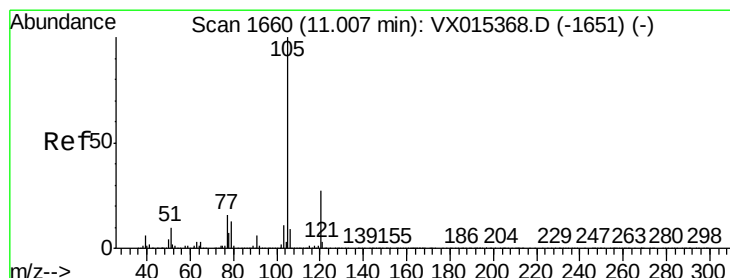
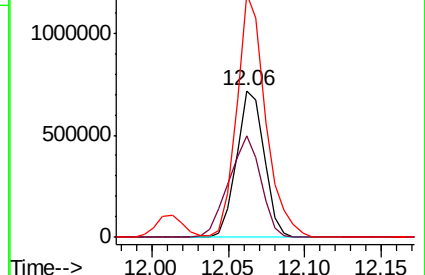
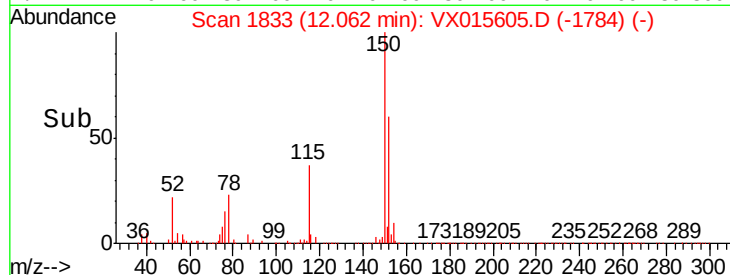
150 172.6 0.0 340.8



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: 46.815 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015605.D

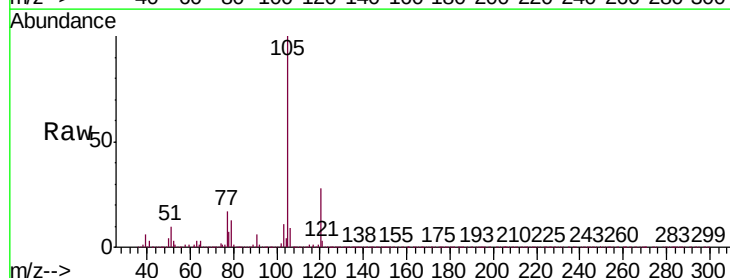
Acq: 09 Apr 2020 18:38

Tgt Ion:105 Resp: 2744064

Ion Ratio Lower Upper

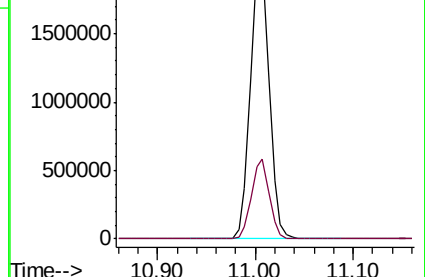
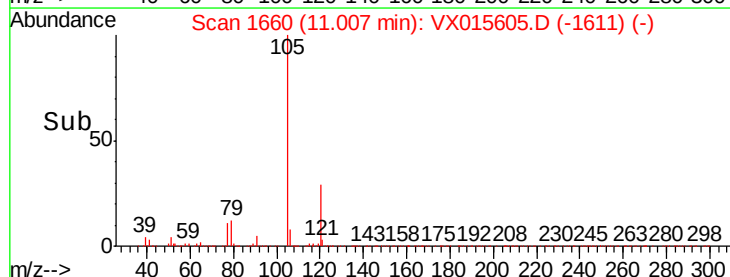
105 100

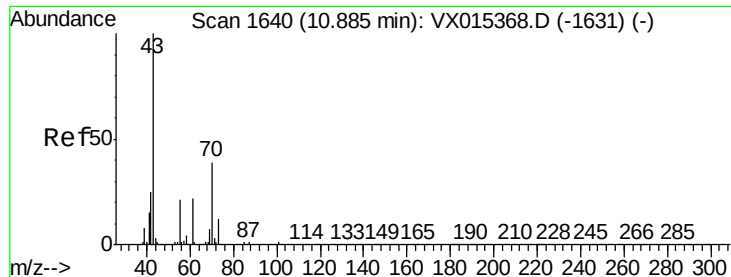
120 27.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 44.395 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

Tgt Ion: 43 Resp: 1447301

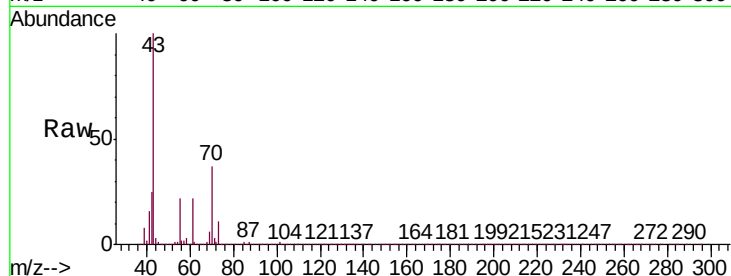
Ion Ratio Lower Upper

43 100

70 38.6 30.2 45.4

55 22.0 16.8 25.2

61 22.8 18.2 27.2

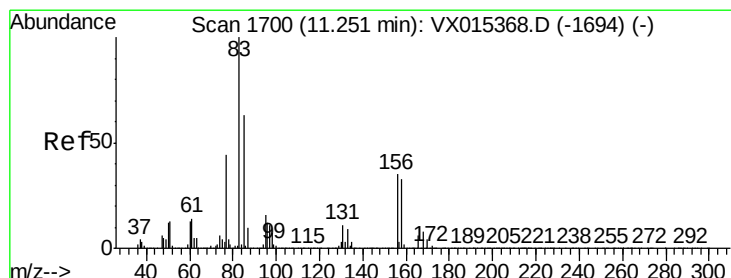
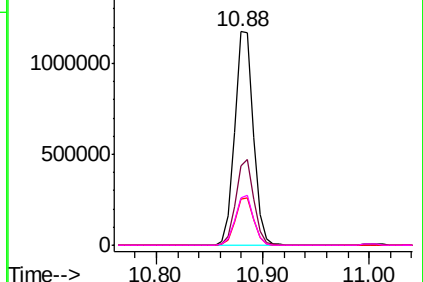
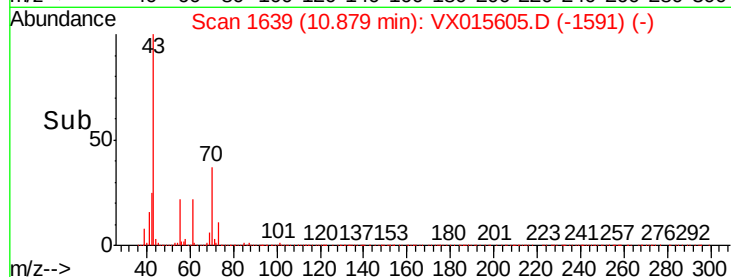


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.749 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

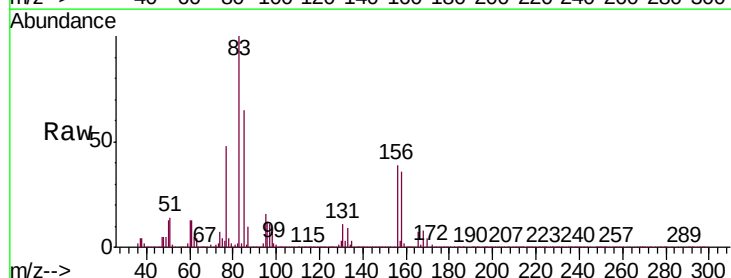
Tgt Ion: 83 Resp: 920146

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

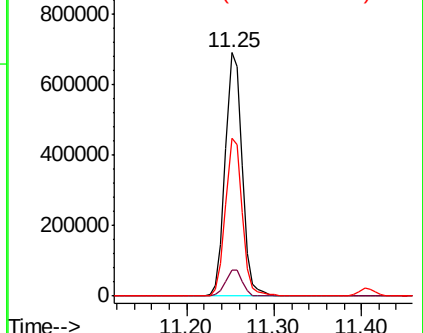
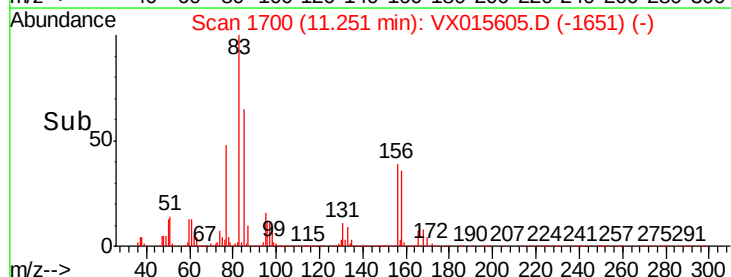
85 64.5 32.0 96.0

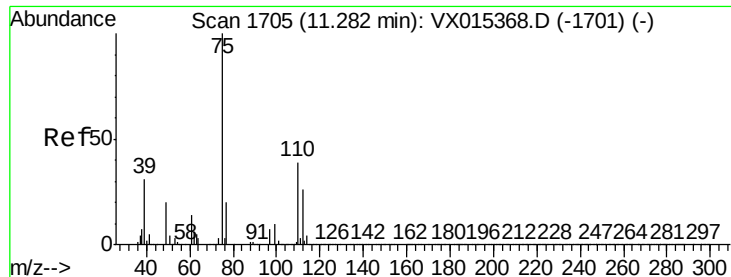


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

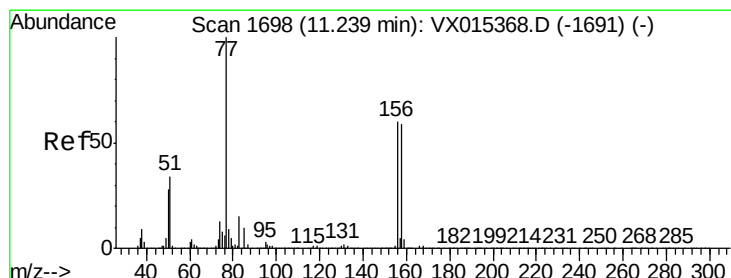
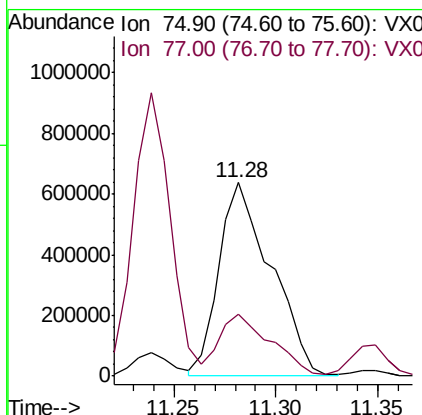
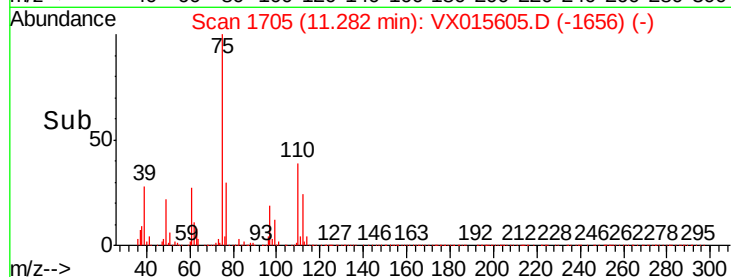
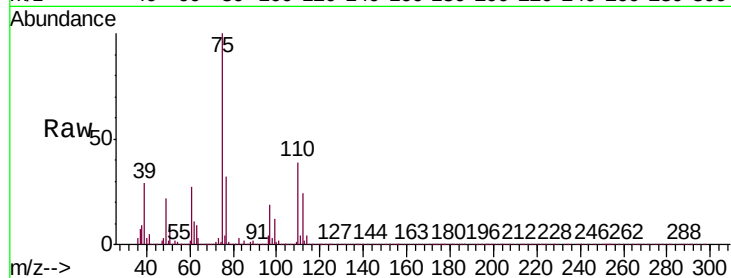




#76
 1,2,3-Trichloropropane
 Concen: 61.602 ug/l
 RT: 11.28 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

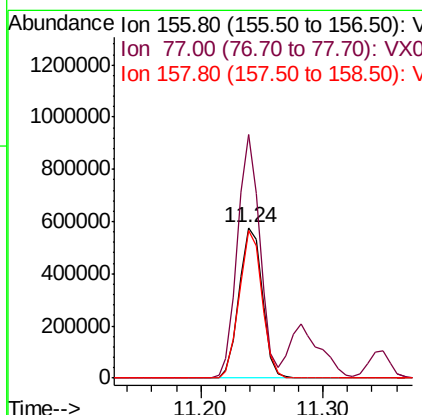
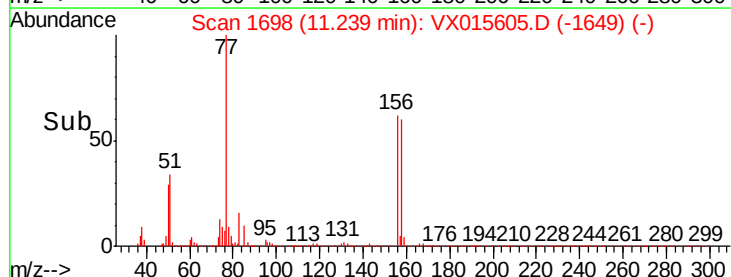
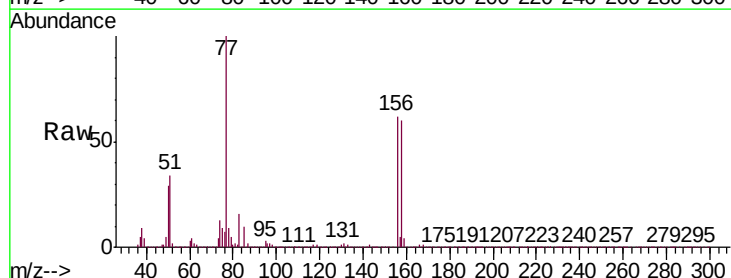
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

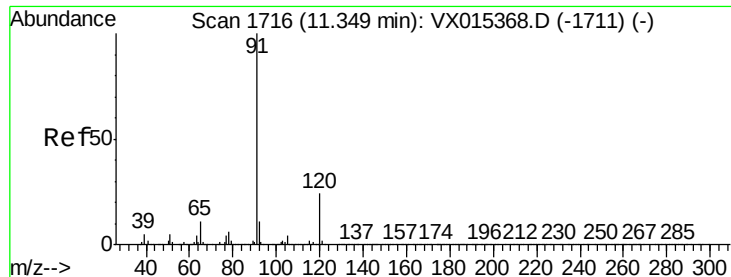
Tgt Ion: 75 Resp: 1133268
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.2 63.6



#77
 Bromobenzene
 Concen: 48.062 ug/l
 RT: 11.24 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion: 156 Resp: 751450
 Ion Ratio Lower Upper
 156 100
 77 156.7 82.2 246.5
 158 96.4 49.3 147.9

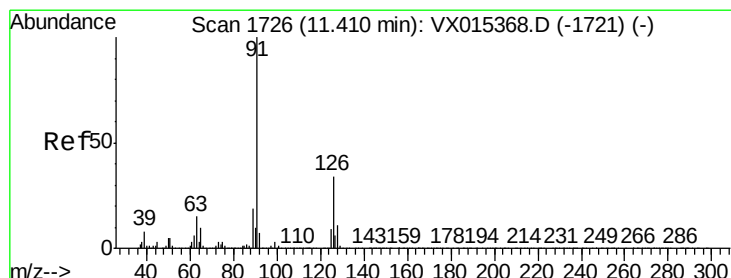
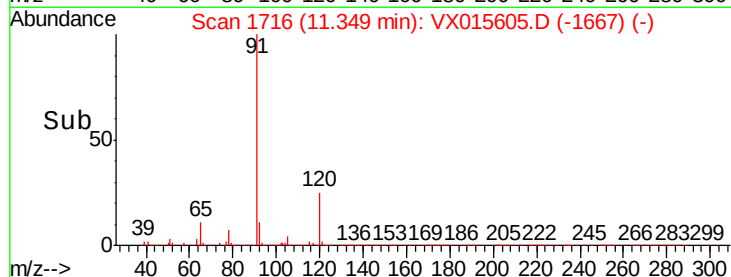
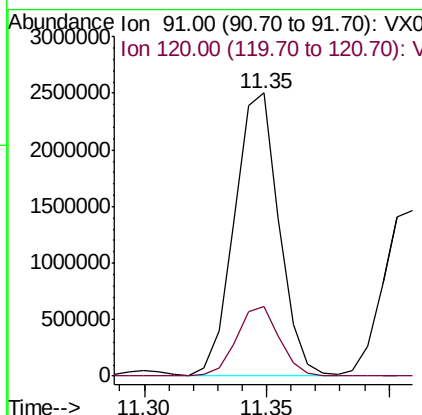
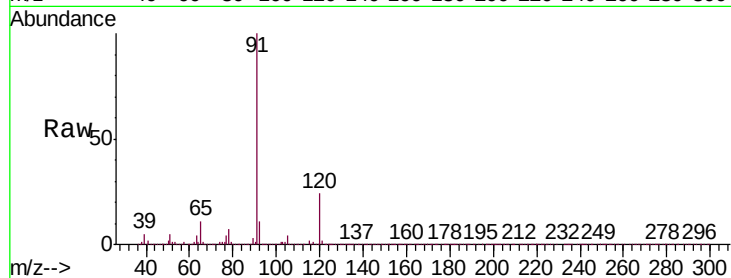




#78
n-propylbenzene
Concen: 46.979 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

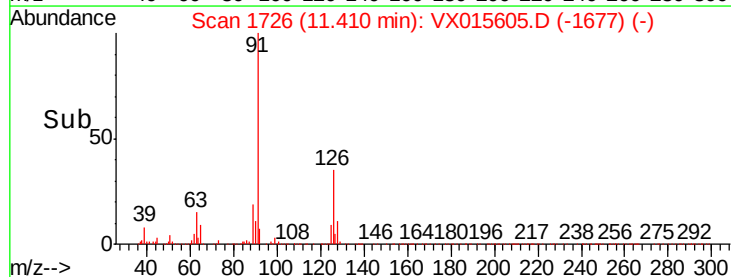
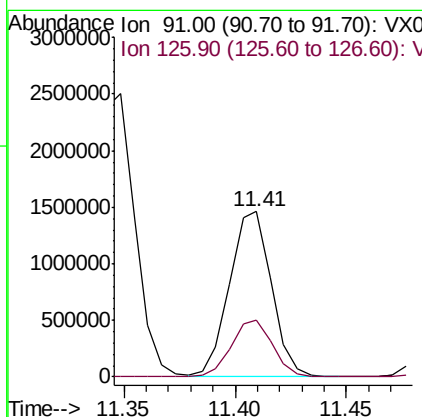
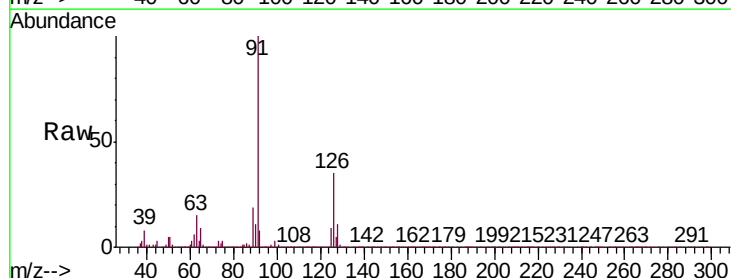
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

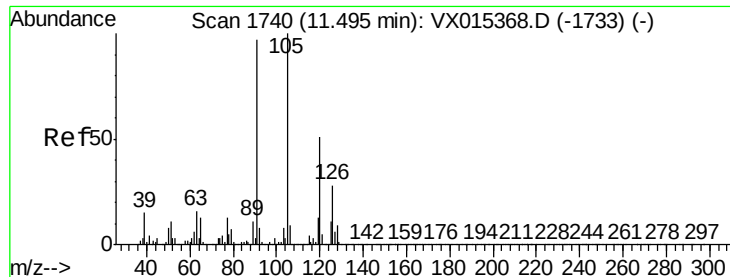
Tgt Ion: 91 Resp: 3148774
Ion Ratio Lower Upper
91 100
120 23.9 11.7 35.0



#79
2-Chlorotoluene
Concen: 46.702 ug/l
RT: 11.41 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion: 91 Resp: 1918569
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5

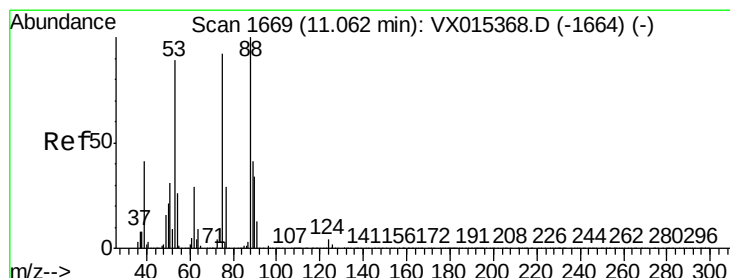
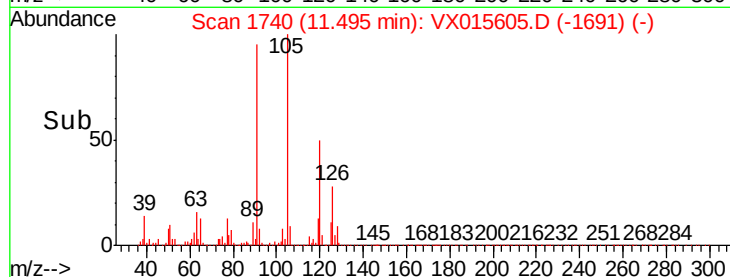
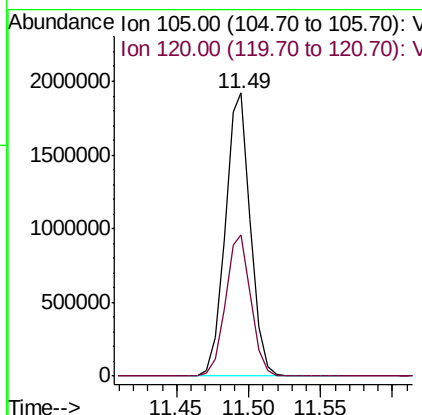
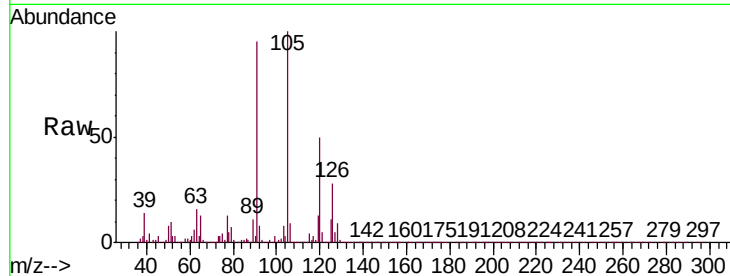




#80
 1,3,5-Trimethylbenzene
 Concen: 46.788 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

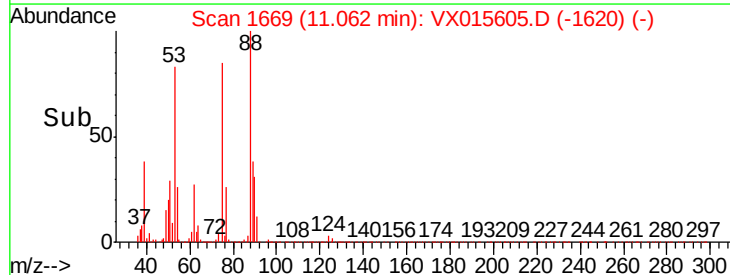
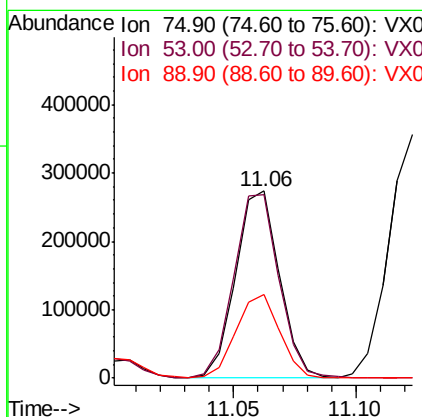
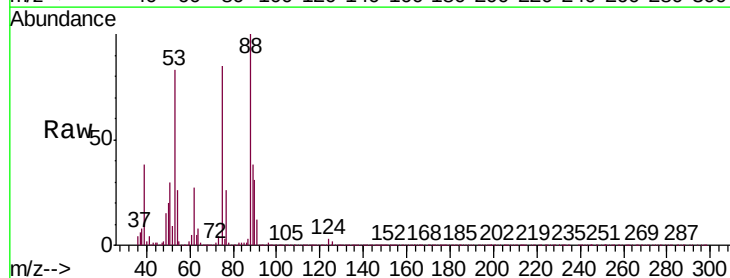
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

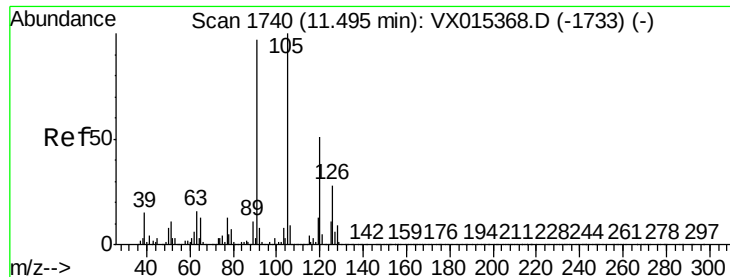
Tgt Ion: 105 Resp: 2342179
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.137 ug/l
 RT: 11.06 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion: 75 Resp: 338396
 Ion Ratio Lower Upper
 75 100
 53 102.0 80.1 120.1
 89 45.1 36.1 54.1

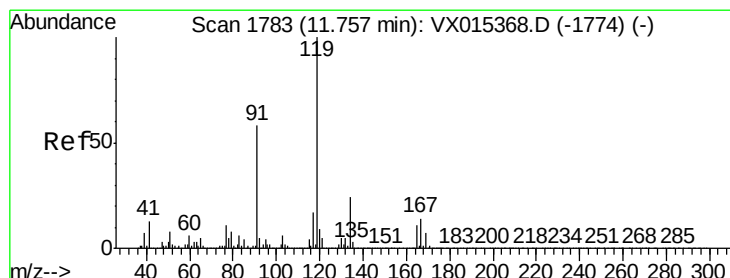
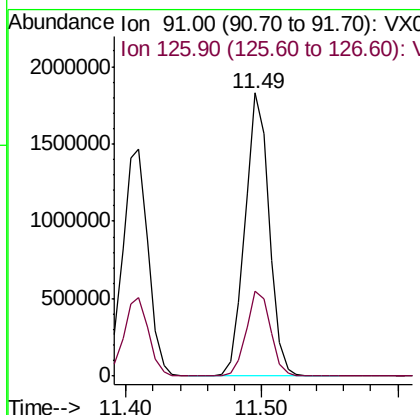
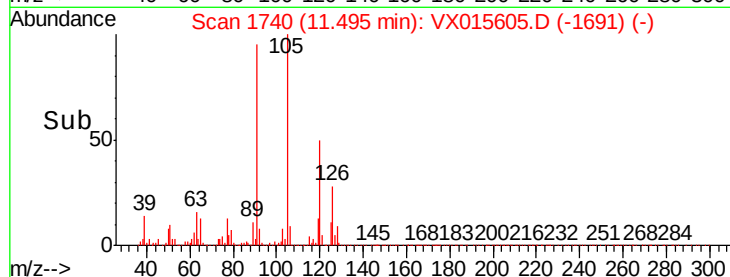
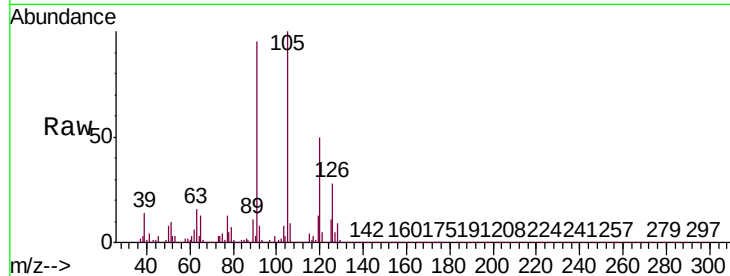




#82
4-Chlorotoluene
Concen: 46.917 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

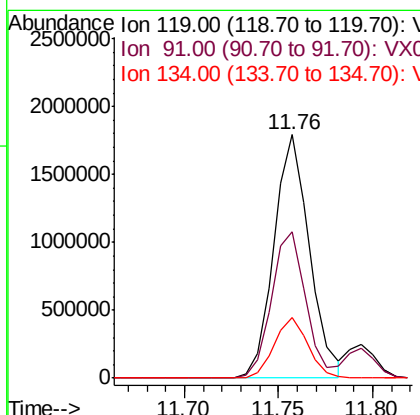
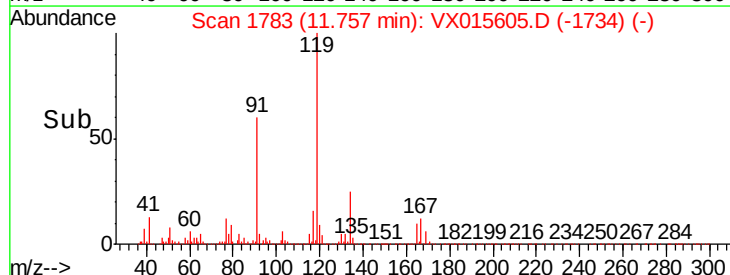
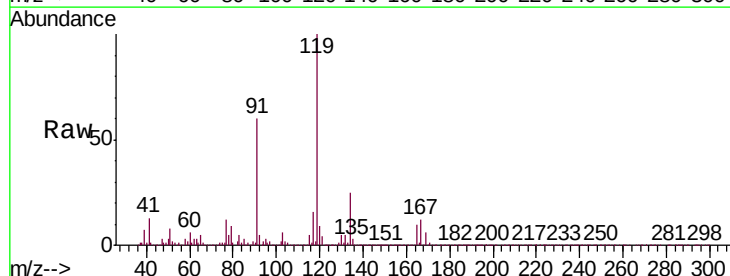
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

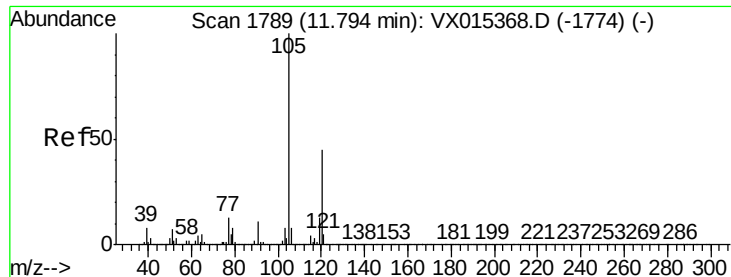
Tgt Ion: 91 Resp: 2259518
Ion Ratio Lower Upper
91 100
126 30.2 14.7 44.1



#83
tert-Butylbenzene
Concen: 47.766 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion: 119 Resp: 2335613
Ion Ratio Lower Upper
119 100
91 57.6 28.6 85.8
134 23.7 11.8 35.3

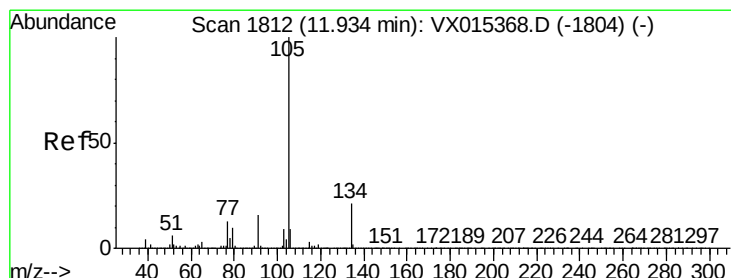
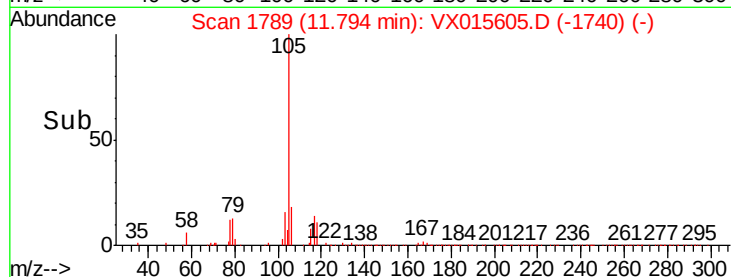
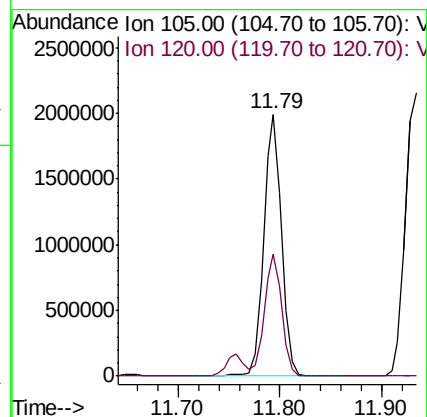
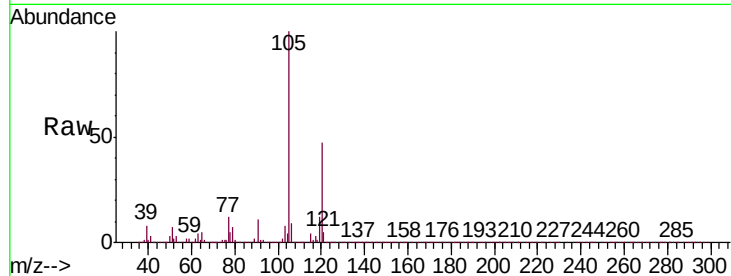




#84
 1,2,4-Trimethylbenzene
 Concen: 47.727 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

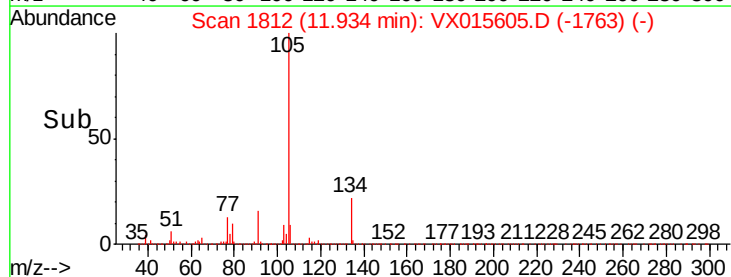
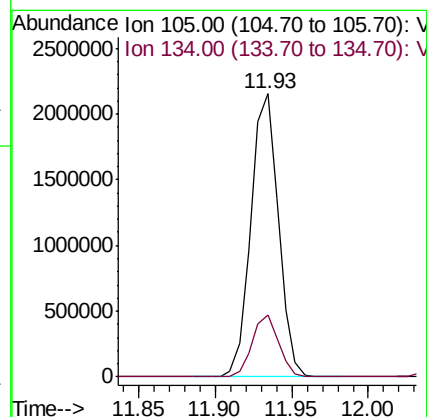
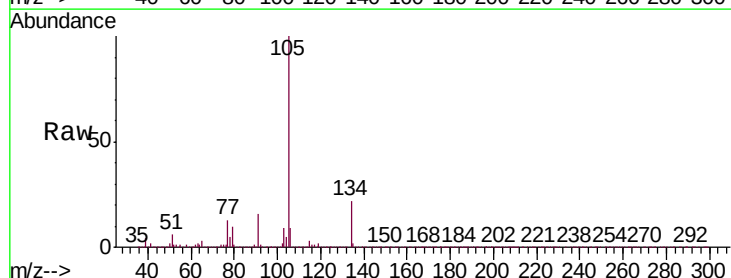
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

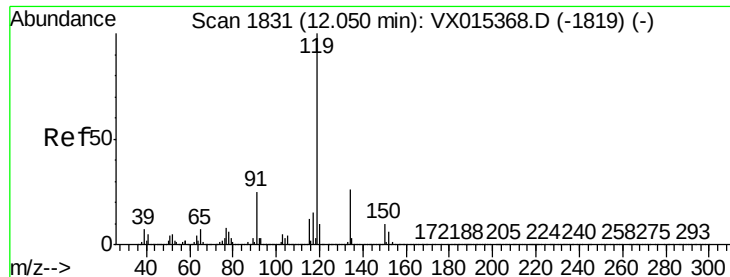
Tgt Ion:105 Resp: 2434664
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 47.514 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion:105 Resp: 2687004
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

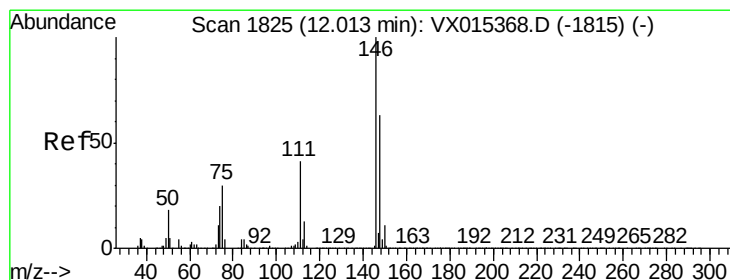
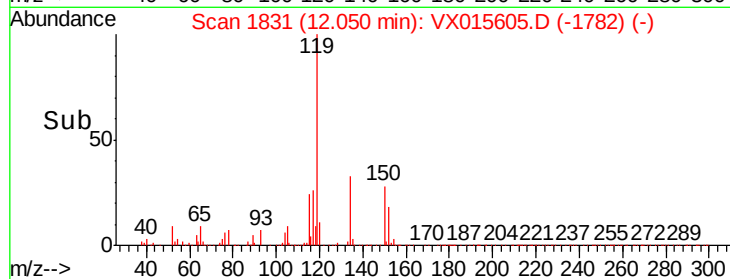
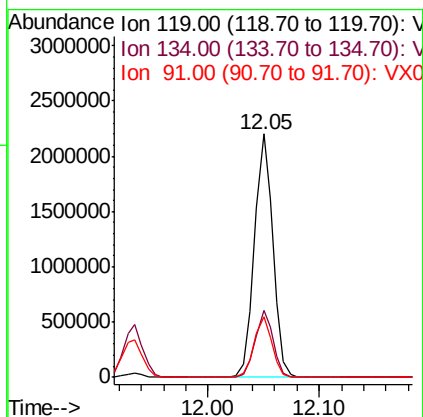
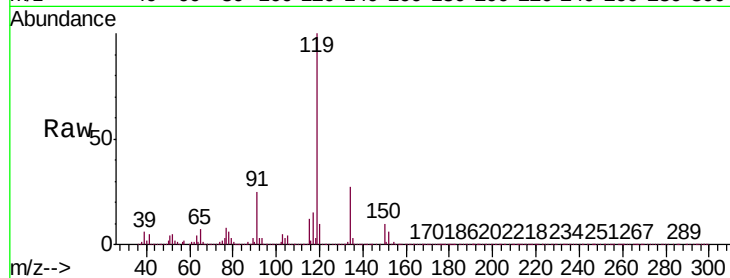




#86
p-Isopropyltoluene
Concen: 48.243 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

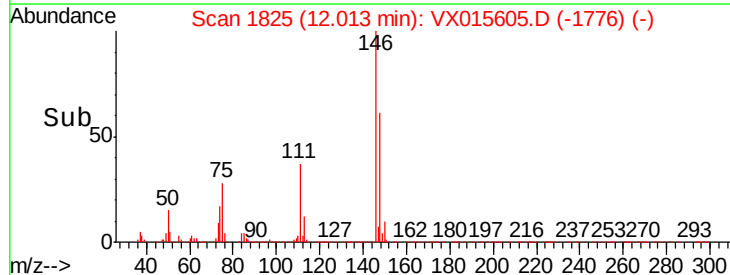
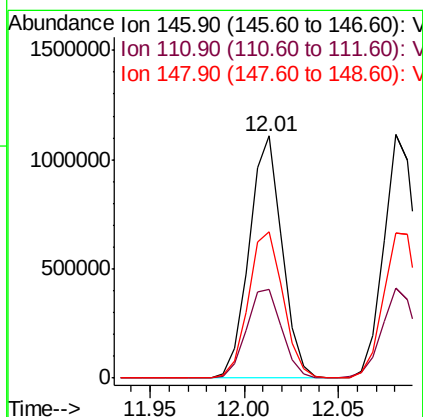
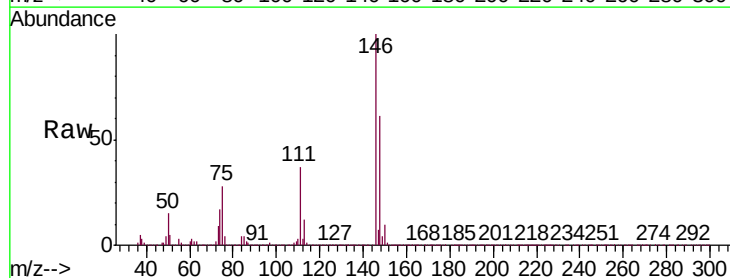
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MS

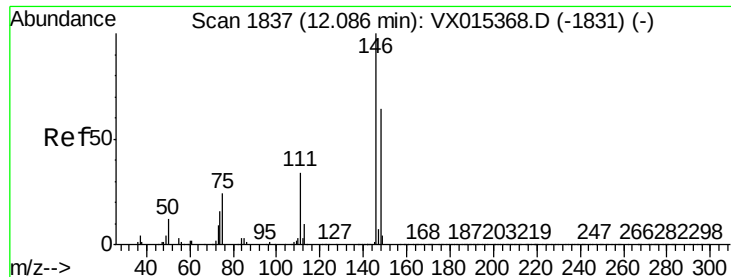
Tgt Ion:119 Resp: 2532717
Ion Ratio Lower Upper
119 100
134 26.9 13.1 39.3
91 24.3 12.4 37.4



#87
1,3-Dichlorobenzene
Concen: 47.973 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VX015605.D
Acq: 09 Apr 2020 18:38

Tgt Ion:146 Resp: 1342755
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.9
148 63.6 31.3 93.9

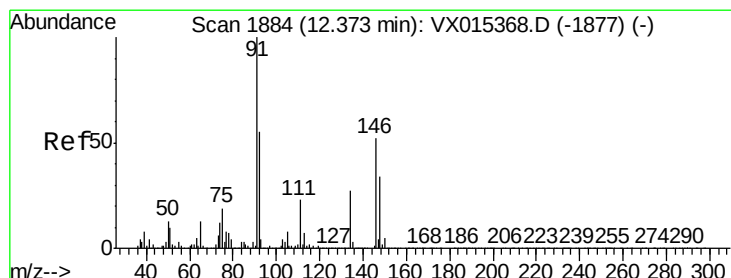
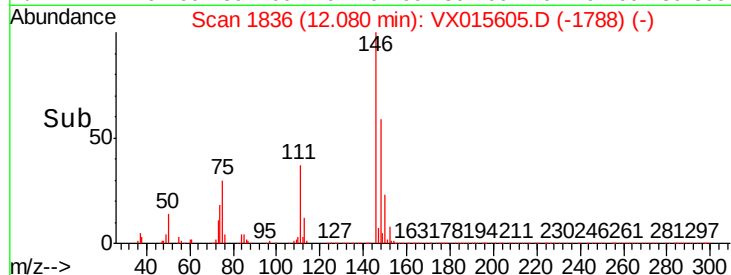
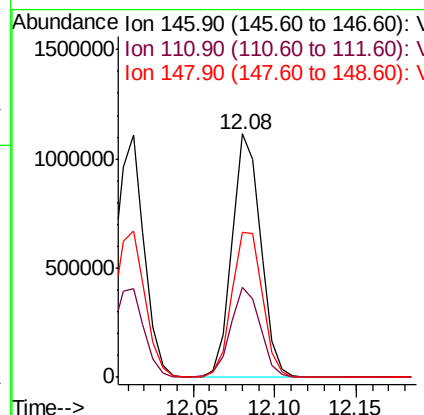
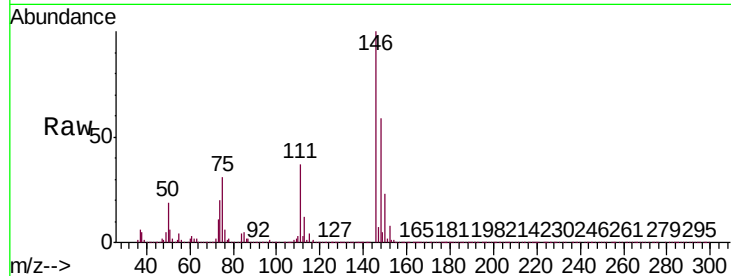




#88
 1,4-Dichlorobenzene
 Concen: 47.674 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

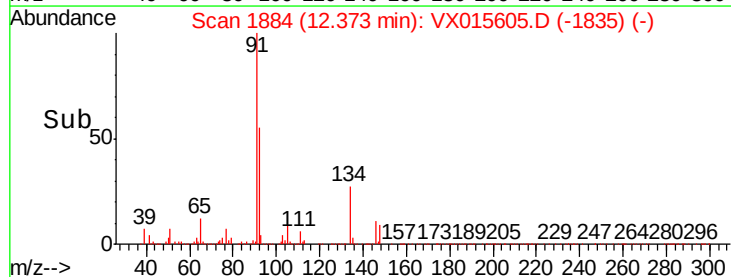
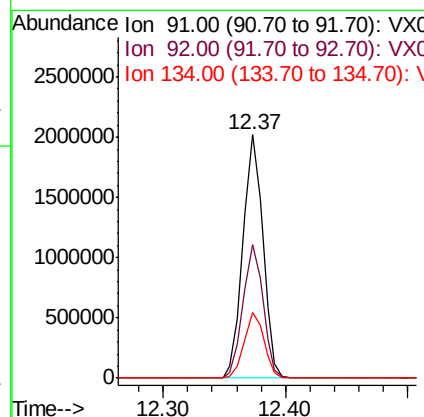
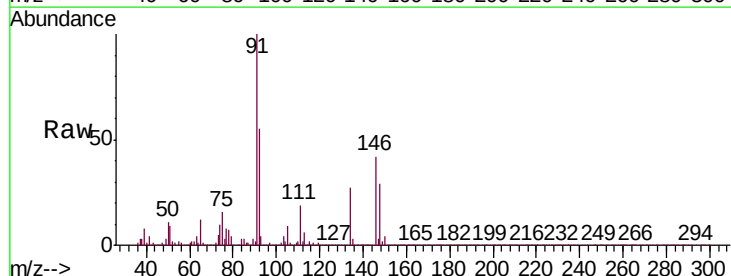
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

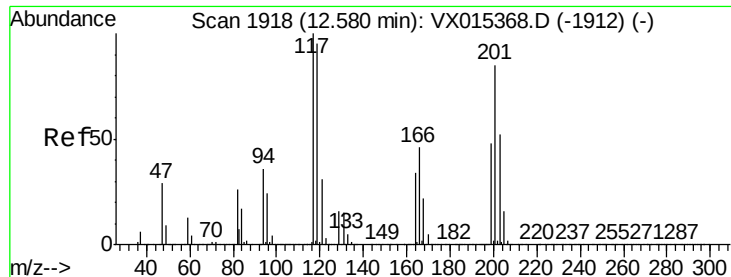
Tgt Ion: 146 Resp: 1359203
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 63.5 32.4 97.2



#89
 n-Butylbenzene
 Concen: 47.933 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Tgt Ion: 91 Resp: 2274044
 Ion Ratio Lower Upper
 91 100
 92 55.1 27.2 81.5
 134 26.8 13.4 40.2





#90

Hexachloroethane

Concen: 43.766 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

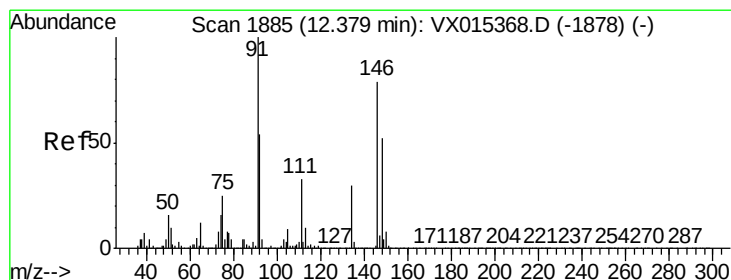
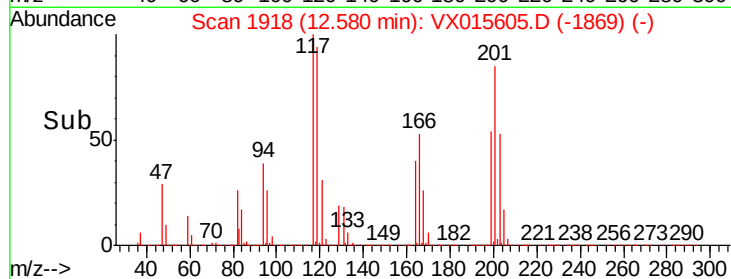
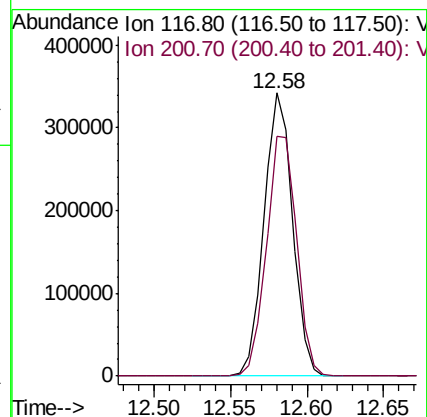
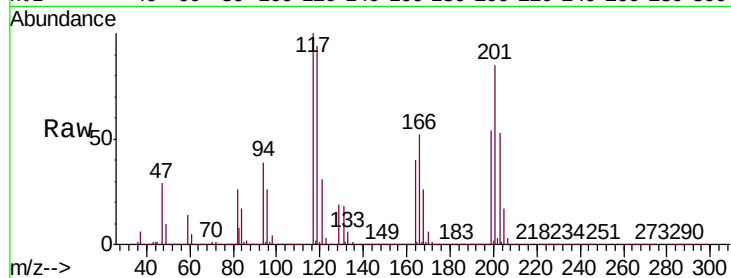
SS037MW311-200407MS

Tgt Ion:117 Resp: 447216

Ion Ratio Lower Upper

117 100

201 89.7 42.6 128.0



#91

1,2-Dichlorobenzene

Concen: 47.368 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

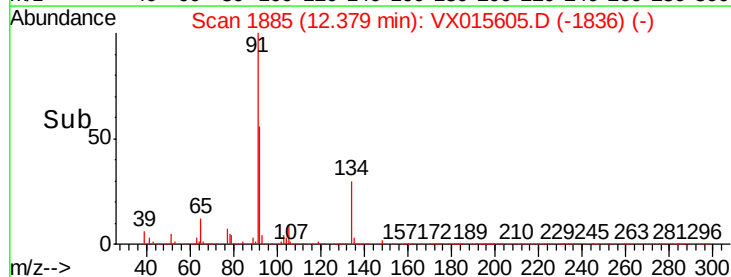
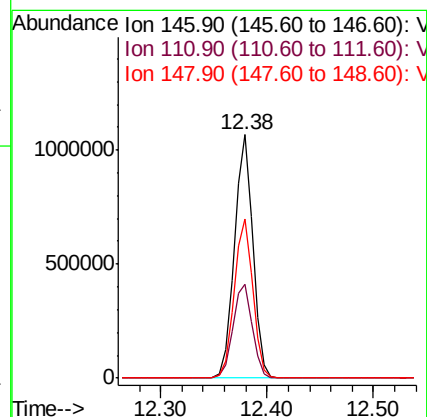
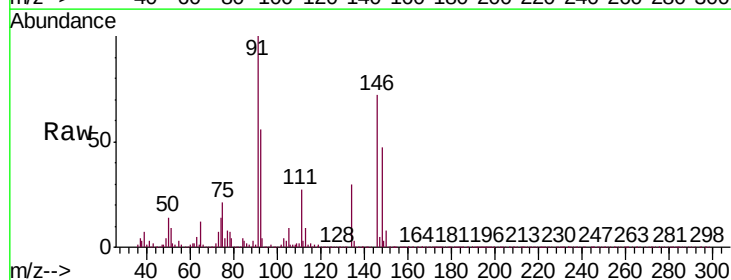
Tgt Ion:146 Resp: 1297498

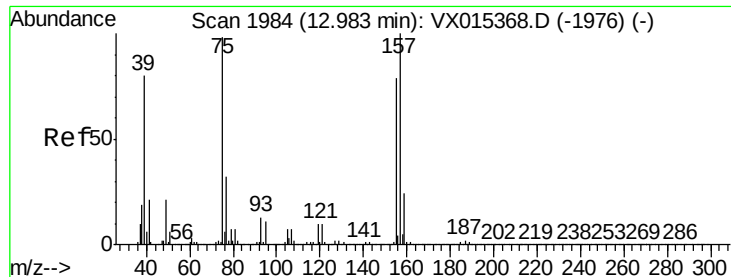
Ion Ratio Lower Upper

146 100

111 40.3 21.0 63.0

148 65.8 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 42.233 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

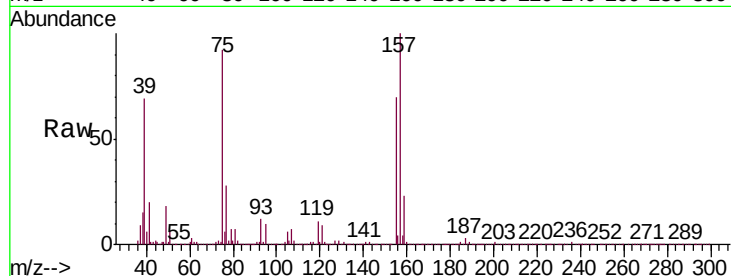
Tgt Ion: 75 Resp: 239746

Ion Ratio Lower Upper

75 100

155 84.8 42.8 128.4

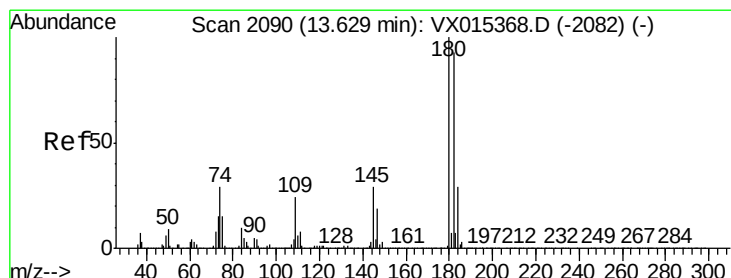
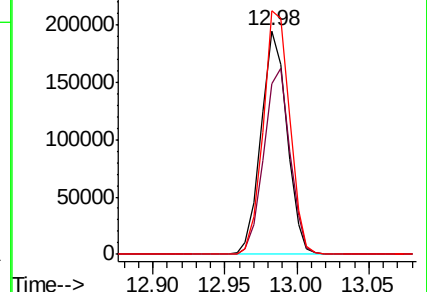
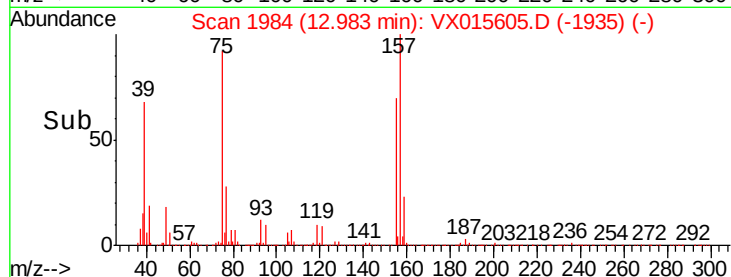
157 111.5 53.4 160.3



Abundance Ion 74.90 (74.60 to 75.60): VX015605.D (-1935) (-)

Ion 154.80 (154.50 to 155.50): VX015605.D (-1935) (-)

Ion 156.80 (156.50 to 157.50): VX015605.D (-1935) (-)



#93

1,2,4-Trichlorobenzene

Concen: 46.838 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

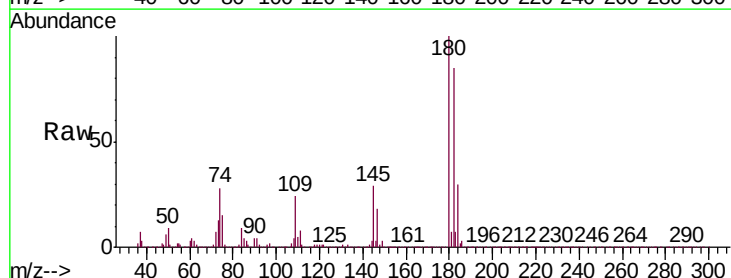
Tgt Ion: 180 Resp: 1014829

Ion Ratio Lower Upper

180 100

182 93.5 46.9 140.7

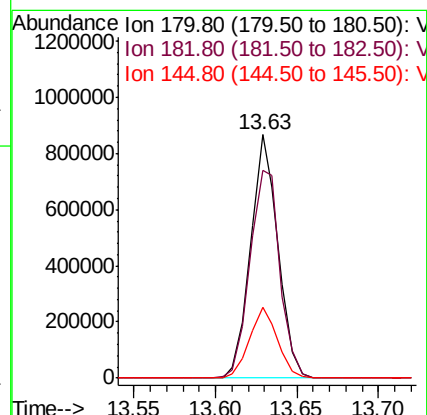
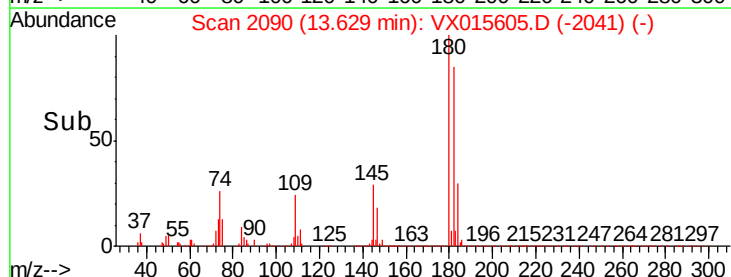
145 29.5 14.9 44.5

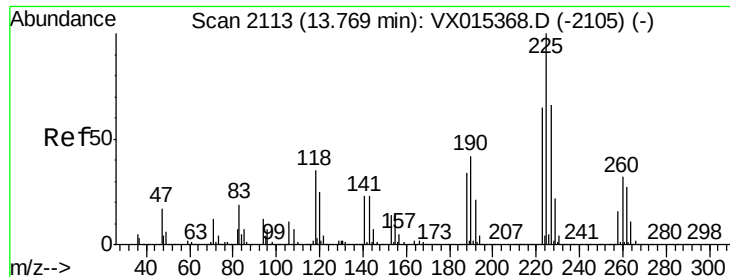


Abundance Ion 179.80 (179.50 to 180.50): VX015605.D (-2041) (-)

Ion 181.80 (181.50 to 182.50): VX015605.D (-2041) (-)

Ion 144.80 (144.50 to 145.50): VX015605.D (-2041) (-)





#94

Hexachlorobutadiene

Concen: 42.540 ug/l

RT: 13.76 min Scan# 2112

Delta R.T. -0.01 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MS

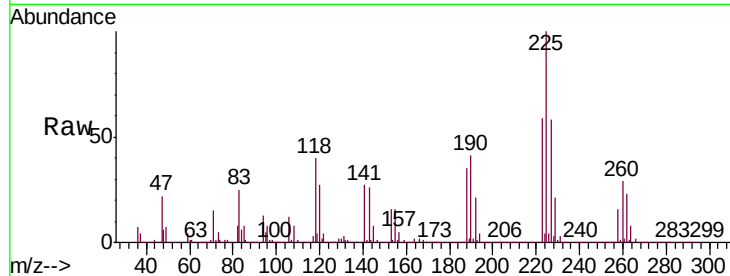
Tgt Ion:225 Resp: 438825

Ion Ratio Lower Upper

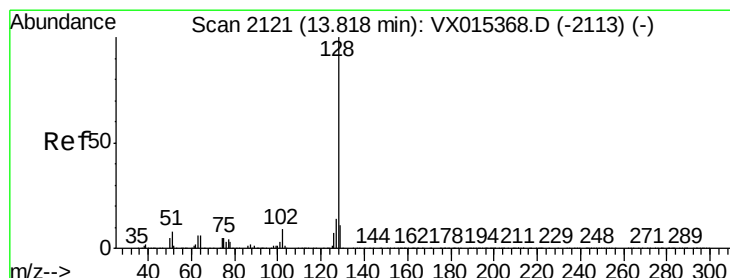
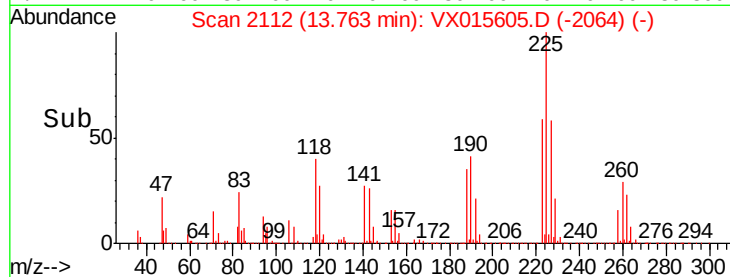
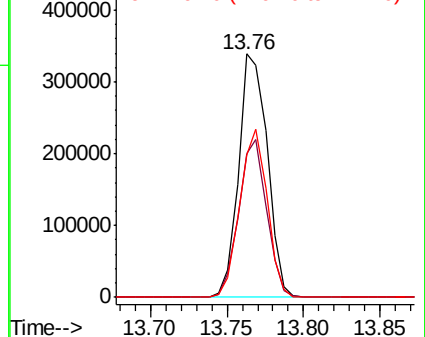
225 100

223 63.2 31.9 95.7

227 66.2 30.4 91.3



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: 47.153 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015605.D

Acq: 09 Apr 2020 18:38

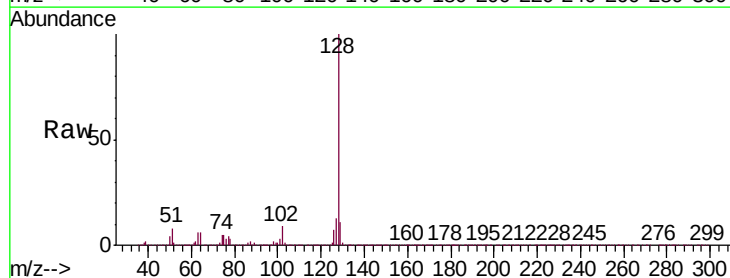
Tgt Ion:128 Resp: 3116400

Ion Ratio Lower Upper

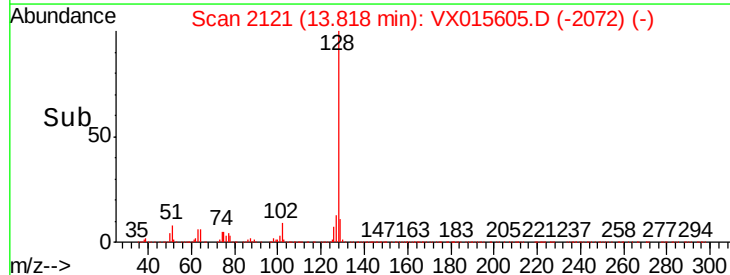
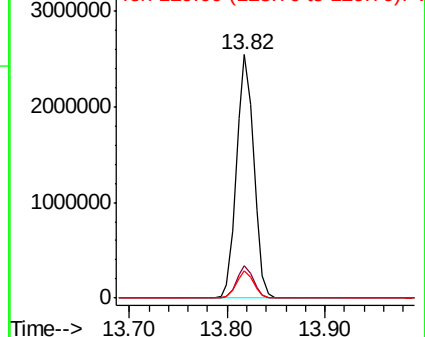
128 100

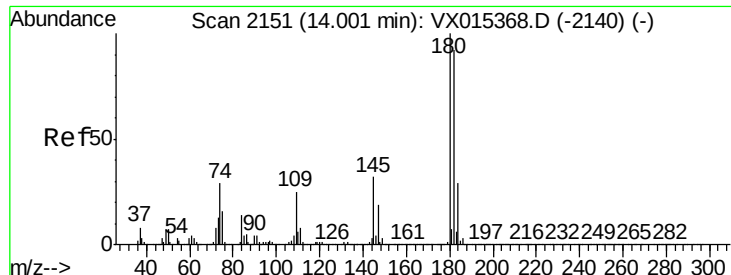
127 13.1 10.6 15.8

129 11.1 8.8 13.2



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

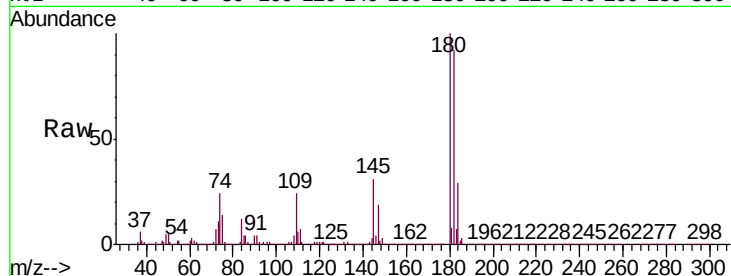




#96
 1,2,3-Trichlorobenzene
 Concen: 47.922 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: VX015605.D
 Acq: 09 Apr 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	46.7	140.0
145	31.6	15.8	47.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

