

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015584.D
 Acq On : 09 Apr 2020 10:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 09 15:22:57 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	5.62	168	1138329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1713922	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1562356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	841603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	705924	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
35) Dibromofluoromethane	5.47	113	521928	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	8.70	98	1928501	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	791636	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	488324	48.692	ug/l	99
3) Chloromethane	1.31	50	554200	43.393	ug/l	99
4) Vinyl Chloride	1.39	62	557876	47.571	ug/l	98
5) Bromomethane	1.62	94	254423	46.498	ug/l	99
6) Chloroethane	1.70	64	349101	47.998	ug/l	99
7) Trichlorofluoromethane	1.91	101	797885	50.733	ug/l	95
8) Diethyl Ether	2.17	74	320962	48.384	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519100	50.631	ug/l	100
10) Methyl Iodide	2.49	142	600837	43.466	ug/l	99
11) Tert butyl alcohol	3.01	59	735183	191.313	ug/l	99
12) 1,1-Dichloroethene	2.36	96	493341	45.905	ug/l	99
13) Acrolein	2.27	56	352346	160.959	ug/l	99
14) Allyl chloride	2.70	41	1095113	43.610	ug/l	97
15) Acrylonitrile	3.11	53	1570025	214.234	ug/l	100
16) Acetone	2.42	43	1950069	282.719	ug/l	99
17) Carbon Disulfide	2.55	76	1384631	42.234	ug/l	100
18) Methyl Acetate	2.75	43	759829	43.161	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1863195	44.701	ug/l	100
20) Methylene Chloride	2.83	84	560129	43.476	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	541521	45.402	ug/l	99
22) Diisopropyl ether	3.83	45	2046683	45.996	ug/l	90
23) Vinyl Acetate	3.78	43	9014508	223.752	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1046267	44.658	ug/l	99
25) 2-Butanone	4.63	43	2597861	234.195	ug/l	97
26) 2,2-Dichloropropane	4.55	77	973939	50.646	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	624585	45.263	ug/l	97
28) Bromochloromethane	4.98	49	525427	46.973	ug/l	97
29) Tetrahydrofuran	5.09	42	1483644	208.049	ug/l	100
30) Chloroform	5.18	83	1028949	45.650	ug/l	98
31) Cyclohexane	5.54	56	966169	47.538	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	957635	46.946	ug/l	99
36) 1,1-Dichloropropene	5.77	75	794362	50.302	ug/l	99
37) Ethyl Acetate	4.79	43	913242	44.414	ug/l	100
38) Carbon Tetrachloride	5.76	117	839072	49.056	ug/l	98

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 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)
39) Methylcyclohexane	7.44	83	963728	52.929	ug/l	97
40) Benzene	6.11	78	2247371	48.583	ug/l	98
41) Methacrylonitrile	5.00	41	525177	46.010	ug/l	99
42) 1,2-Dichloroethane	6.16	62	901963	48.542	ug/l	100
43) Isopropyl Acetate	6.41	43	1581268	45.555	ug/l	100
44) Trichloroethene	7.19	130	626069	49.625	ug/l	100
45) 1,2-Dichloropropane	7.49	63	596177	47.112	ug/l	99
46) Dibromomethane	7.64	93	400688	48.269	ug/l	97
47) Bromodichloromethane	7.87	83	859692	48.603	ug/l	99
48) Methyl methacrylate	7.75	41	791699	45.663	ug/l	99
49) 1,4-Dioxane	7.72	88	302521	935.335	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4567200	232.174	ug/l	100
52) Toluene	8.76	92	1445185	50.673	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	979611	47.222	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1033221	48.894	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	576756	49.360	ug/l	98
56) Ethyl methacrylate	9.16	69	970454	47.126	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1004086	47.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2444751	244.075	ug/l	99
59) 2-Hexanone	9.47	43	3765463	253.540	ug/l	100
60) Dibromochloromethane	9.57	129	695103	49.506	ug/l	99
61) 1,2-Dibromoethane	9.65	107	614560	48.371	ug/l	100
64) Tetrachloroethene	9.32	164	620350	52.613	ug/l	95
65) Chlorobenzene	10.12	112	1574938	50.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	625048	50.213	ug/l	99
67) Ethyl Benzene	10.23	91	2828809	51.189	ug/l	98
68) m/p-Xylenes	10.34	106	2124783	103.257	ug/l	99
69) o-Xylene	10.68	106	1033349	50.819	ug/l	100
70) Styrene	10.70	104	1817370	50.791	ug/l	99
71) Bromoform	10.84	173	565763	49.927	ug/l #	99
73) Isopropylbenzene	11.01	105	2808135	50.924	ug/l	98
74) N-amyl acetate	10.88	43	1380319	45.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	866301	45.783	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1087291	62.824	ug/l	82
77) Bromobenzene	11.24	156	740415	50.338	ug/l	96
78) n-propylbenzene	11.35	91	3211356	50.930	ug/l	100
79) 2-Chlorotoluene	11.40	91	1911144	49.450	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2403383	51.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	329960	45.746	ug/l	98
82) 4-Chlorotoluene	11.49	91	2284621	50.425	ug/l	99
83) tert-Butylbenzene	11.76	119	2347641	51.034	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2437807	50.797	ug/l	100
85) sec-Butylbenzene	11.93	105	2771578	52.095	ug/l	100
86) p-Isopropyltoluene	12.05	119	2642815	53.509	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1390836	52.820	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1352768	50.436	ug/l	99
89) n-Butylbenzene	12.37	91	2377438	53.267	ug/l	99
90) Hexachloroethane	12.58	117	483157	50.260	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1319137	51.190	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	225383	42.202	ug/l	96

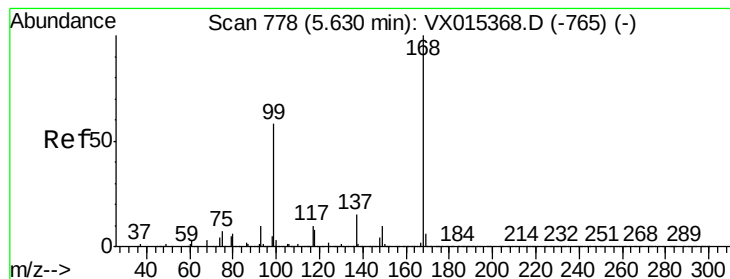
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1025859	50.328	ug/l	96
94) Hexachlorobutadiene	13.77	225	529540	54.565	ug/l	99
95) Naphthalene	13.82	128	3070159	49.378	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1072009	54.625	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 777

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

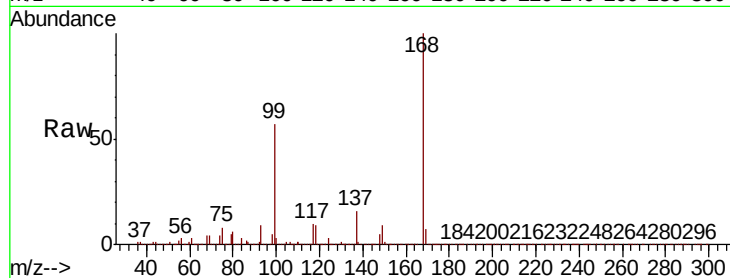
ClientSampleId :

Tot Ion:168 Resp: 1138329

Ion Ratio Lower Upper

168 100

99 57.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

400000

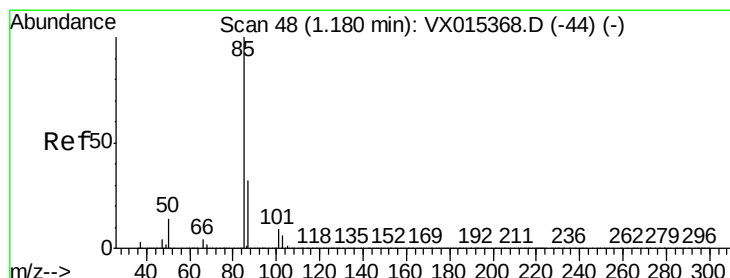
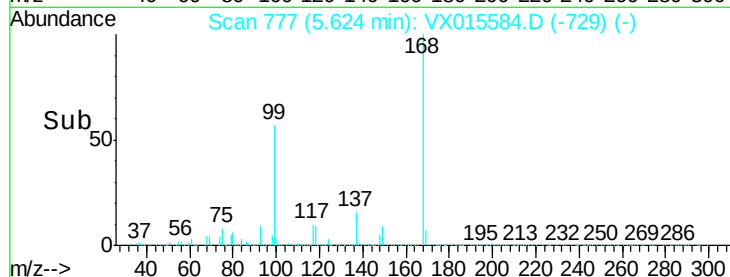
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.692 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015584.D

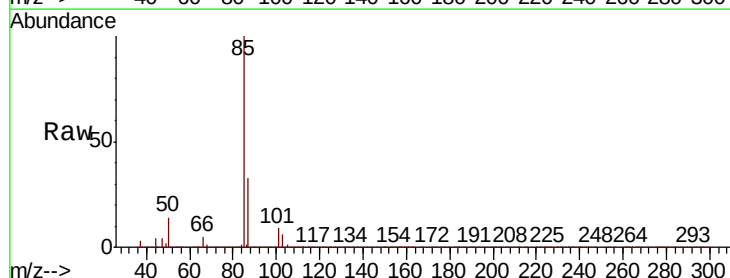
Acq: 09 Apr 2020 10:24

Tgt Ion: 85 Resp: 488324

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

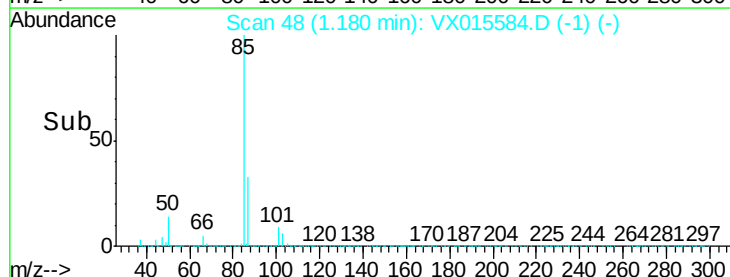
300000

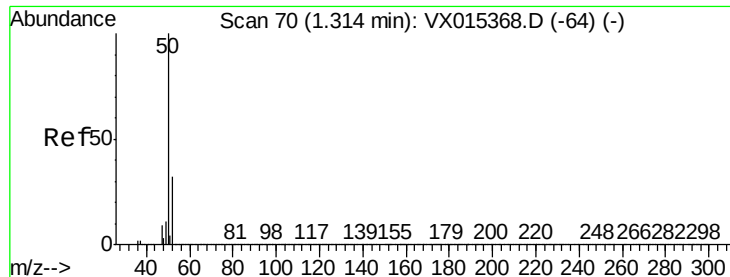
200000

100000

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Time-->

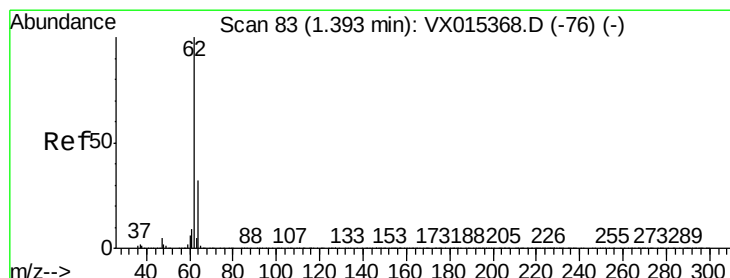
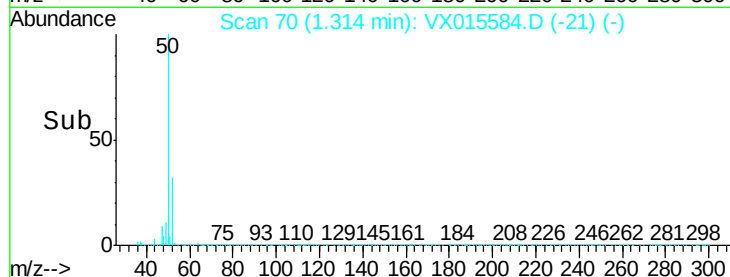
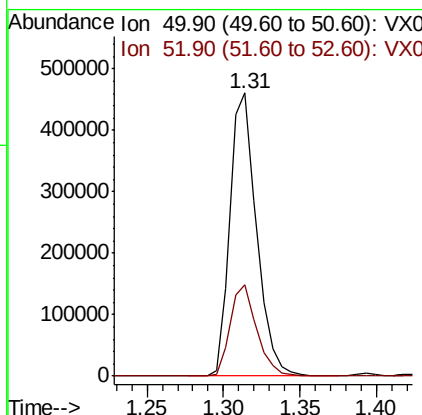
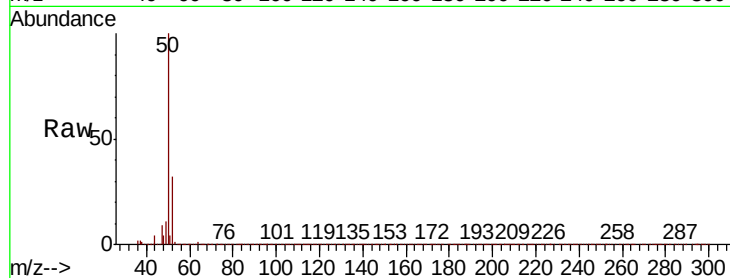




#3
Chloromethane
Concen: 43.393 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

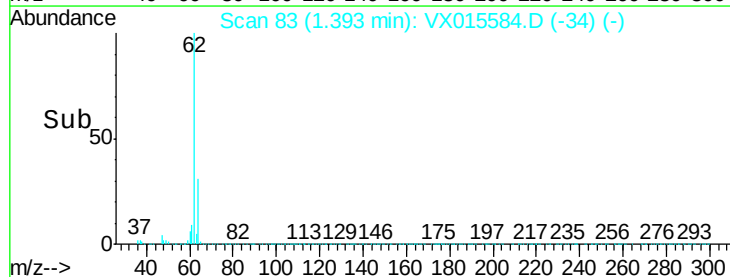
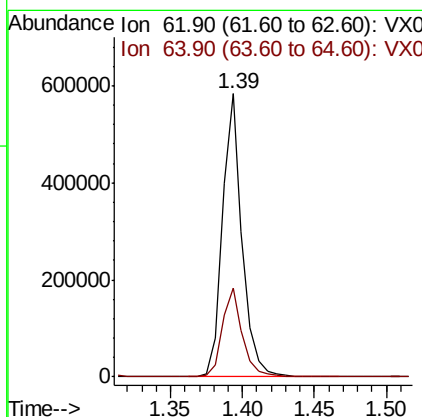
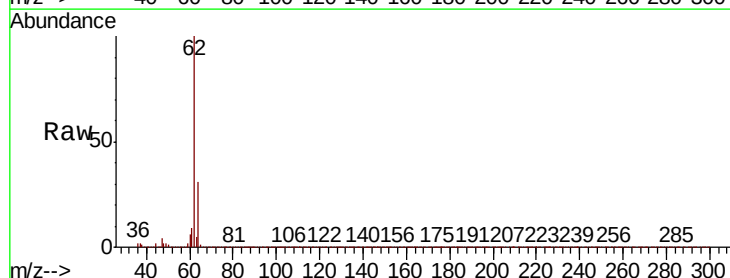
Instrument :
MSVOA_X
ClientSampled :

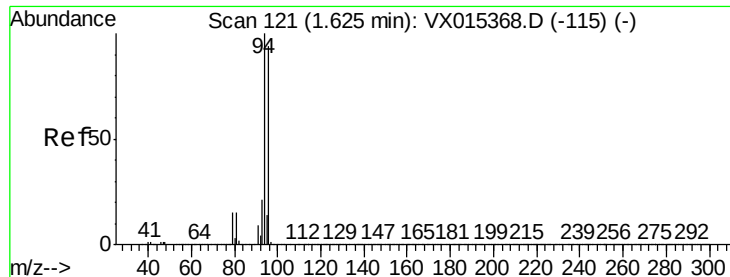
Tot Ion: 50 Resp: 554200
Ion Ratio Lower Upper
50 100
52 32.1 25.3 37.9



#4
Vinyl Chloride
Concen: 47.571 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 62 Resp: 557876
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5

Bromomethane

Concen: 46.498 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

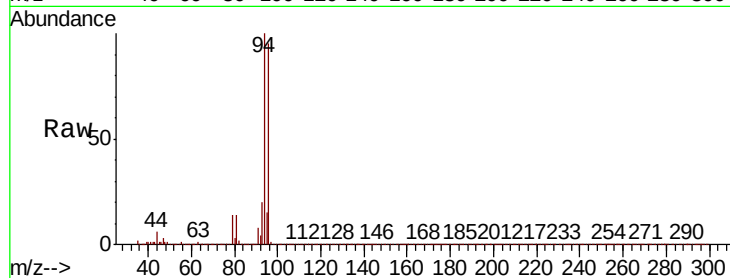
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 254423

Ion Ratio Lower Upper

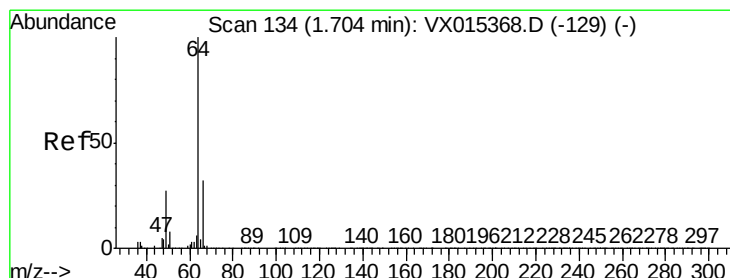
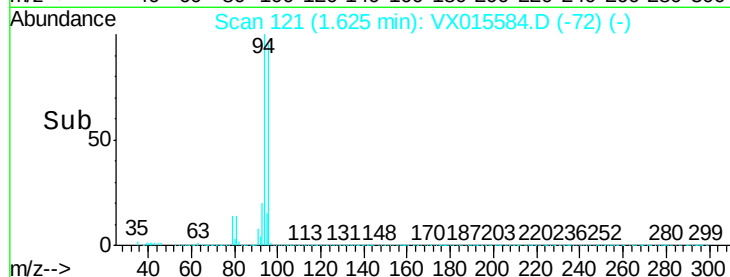
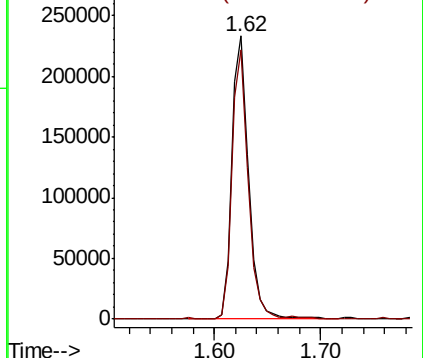
94 100

96 94.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.998 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015584.D

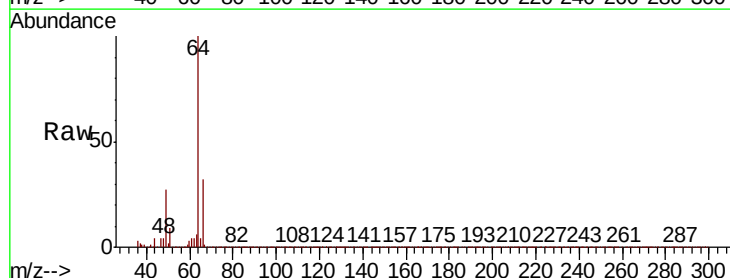
Acq: 09 Apr 2020 10:24

Tgt Ion: 64 Resp: 349101

Ion Ratio Lower Upper

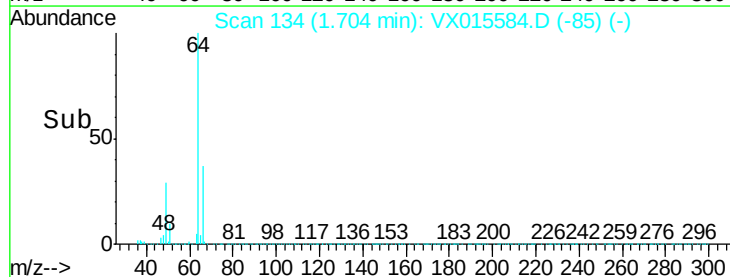
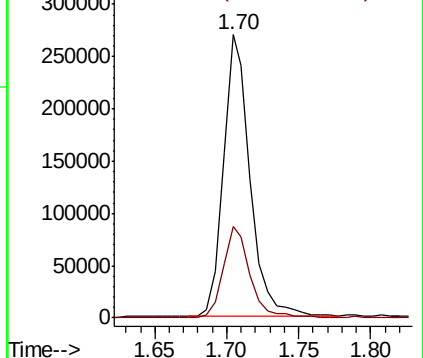
64 100

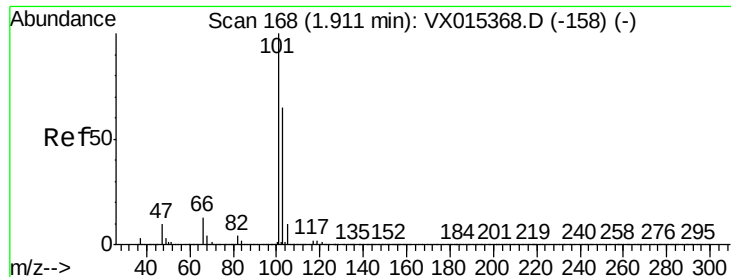
66 32.4 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



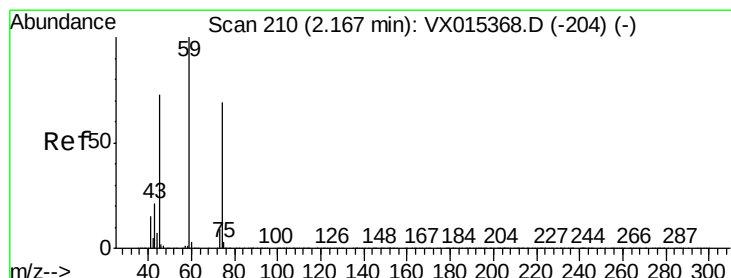
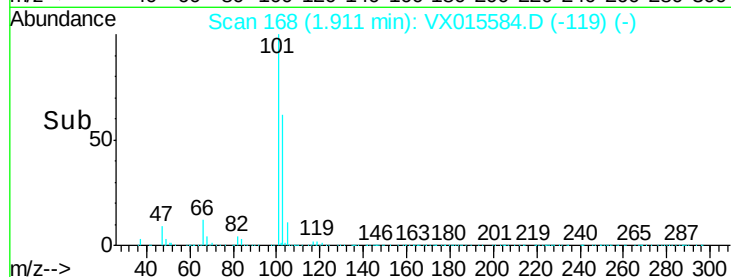
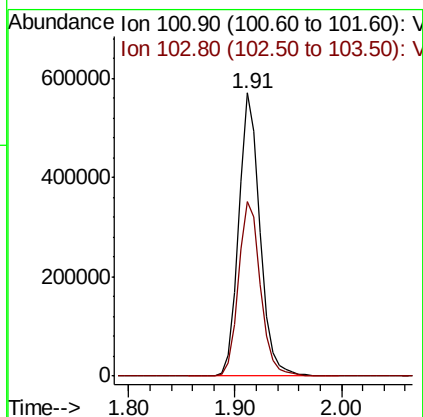
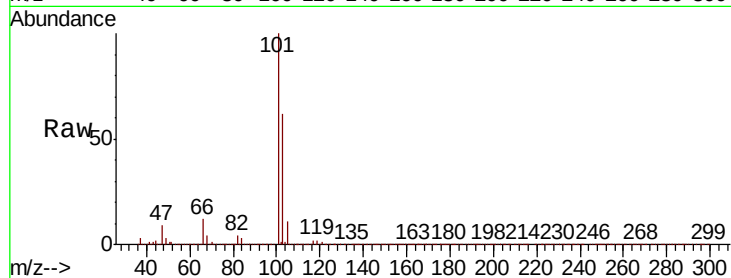


#7

Trichlorofluoromethane
Concen: 50.733 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :

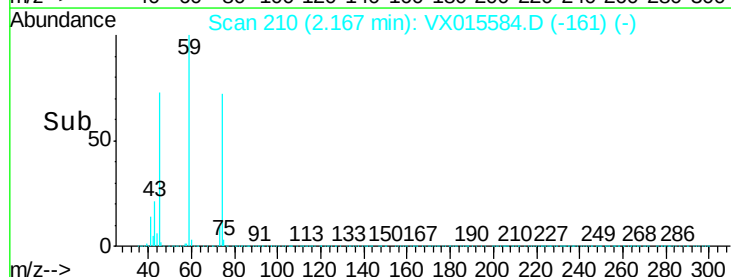
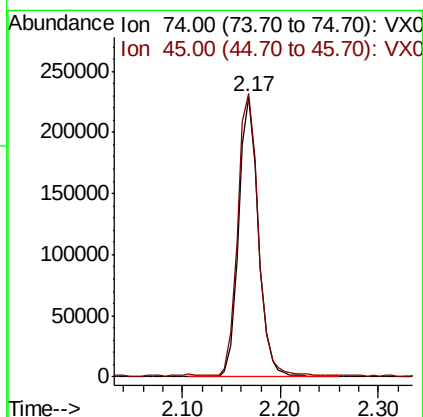
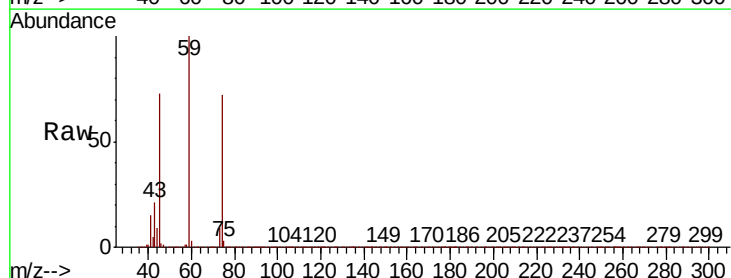
Tot Ion:101 Resp: 797885
Ion Ratio Lower Upper
101 100
103 61.8 52.3 78.5

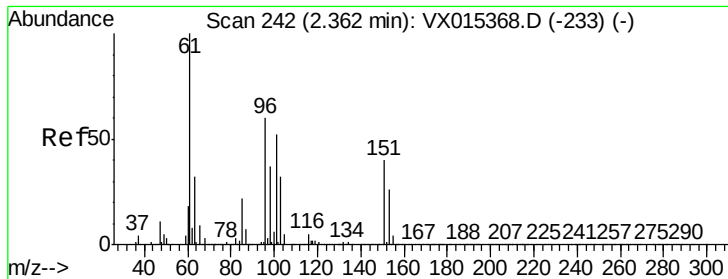


#8

Diethyl Ether
Concen: 48.384 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 74 Resp: 320962
Ion Ratio Lower Upper
74 100
45 104.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.631 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

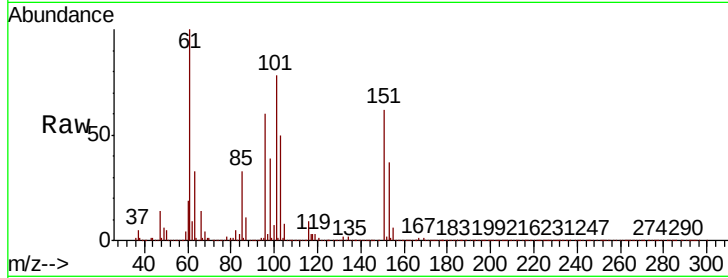
Tot Ion:101 Resp: 519100

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.4

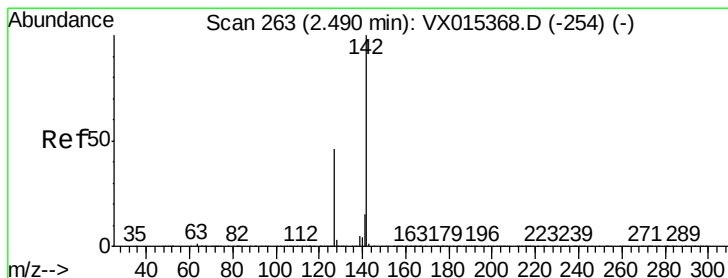
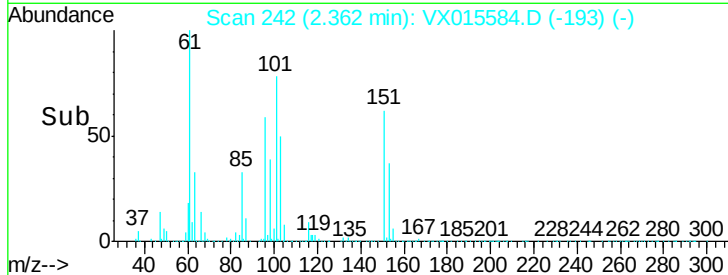
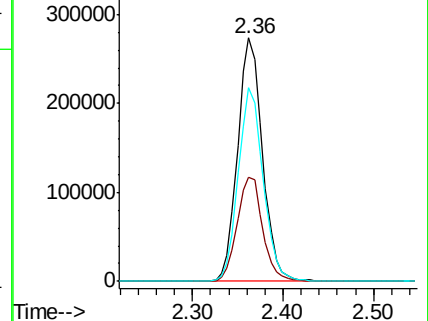
151 79.6 64.1 96.1



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: 43.466 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

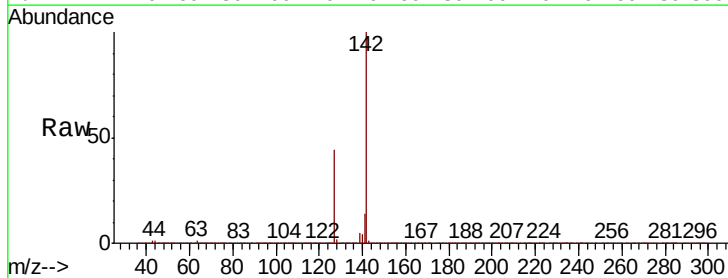
Tgt Ion:142 Resp: 600837

Ion Ratio Lower Upper

142 100

127 45.9 35.9 53.9

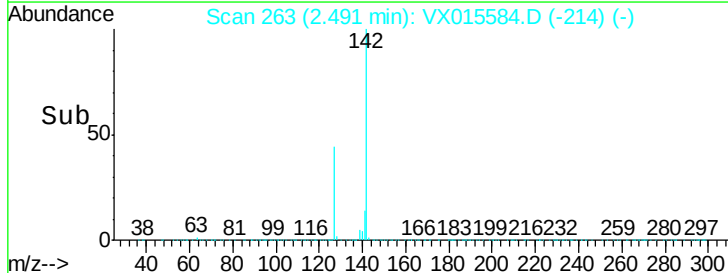
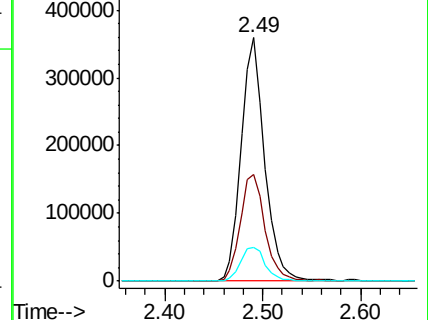
141 14.8 11.6 17.4

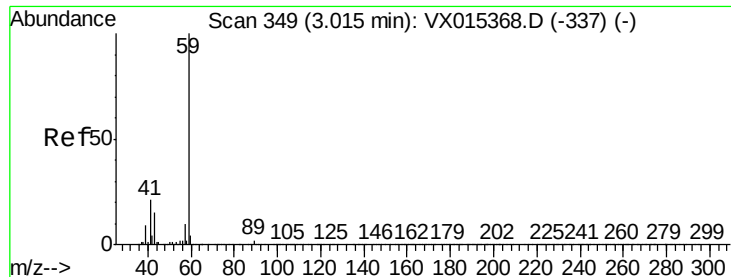


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



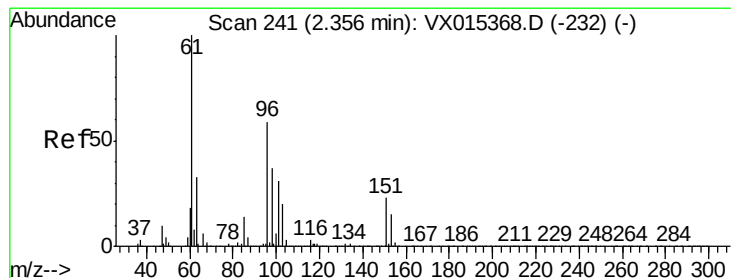
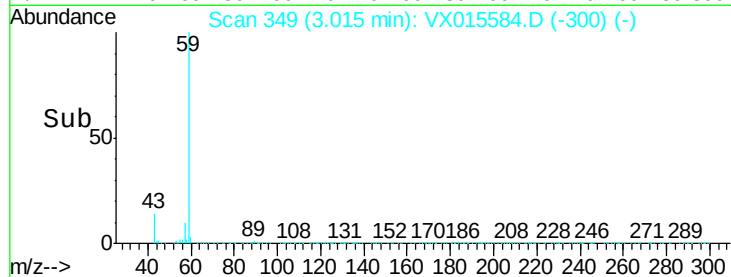
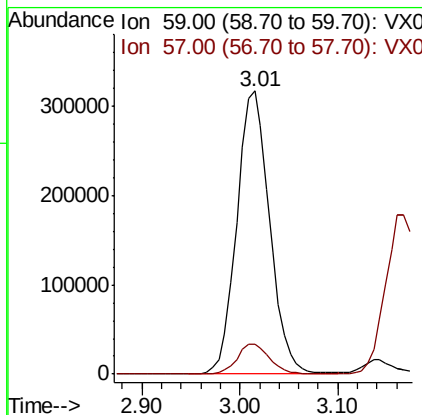
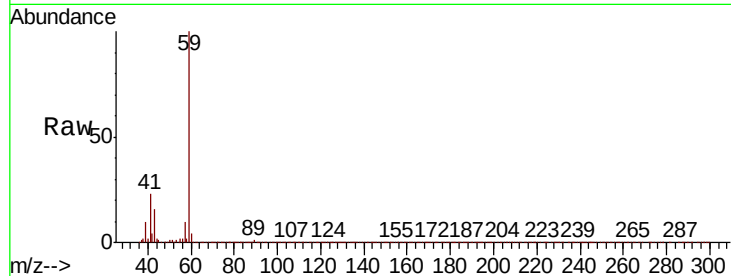


#11

Tert butyl alcohol
Concen: 191.313 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :

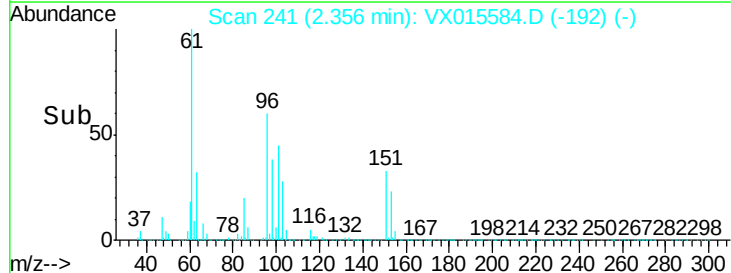
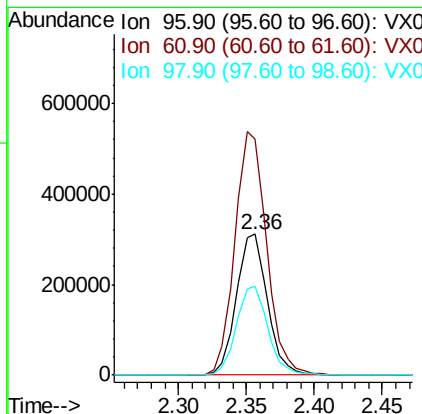
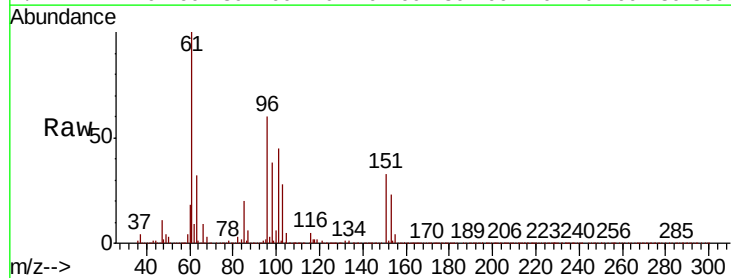
Tot Ion: 59 Resp: 735183
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

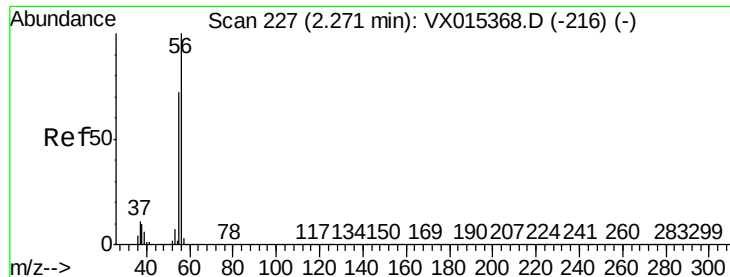


#12

1,1-Dichloroethene
Concen: 45.905 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 96 Resp: 493341
Ion Ratio Lower Upper
96 100
61 167.2 135.7 203.5
98 62.8 50.6 75.8





#13

Acrolein

Concen: 160.959 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

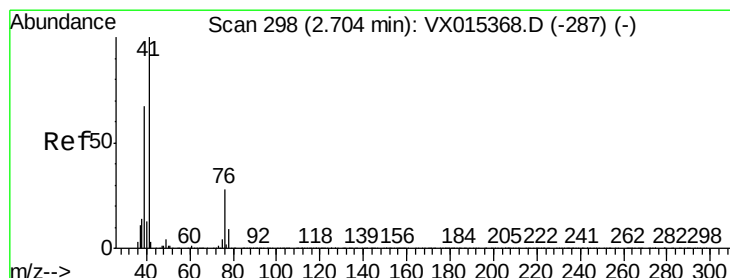
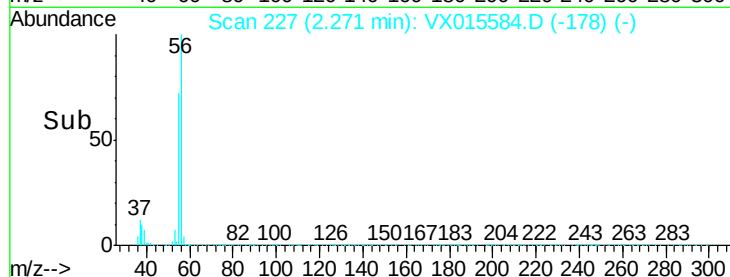
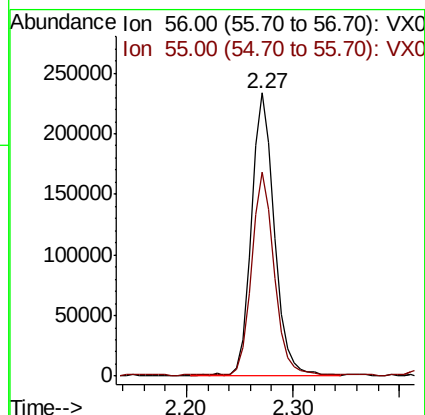
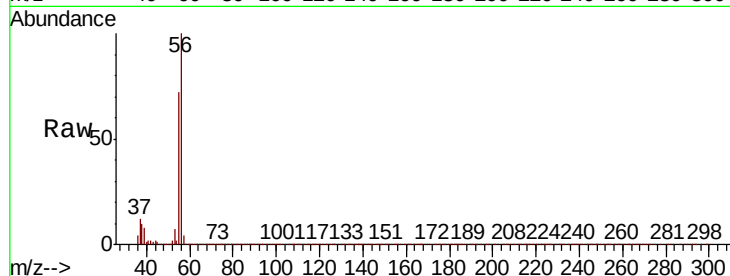
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 352346

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 43.610 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

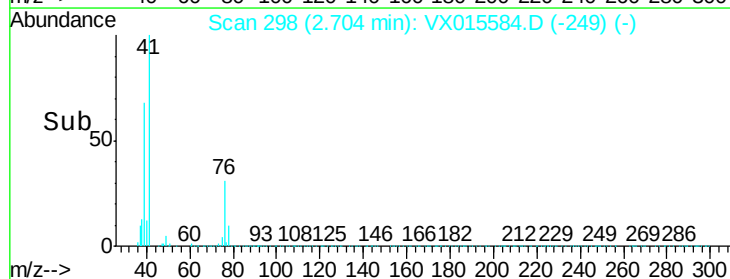
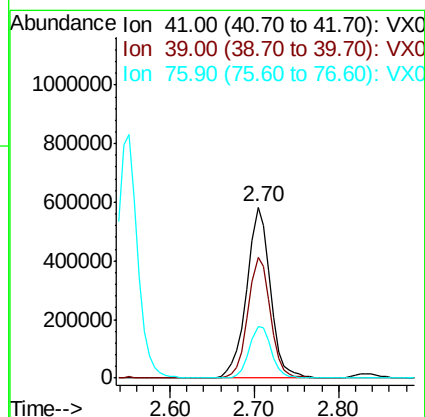
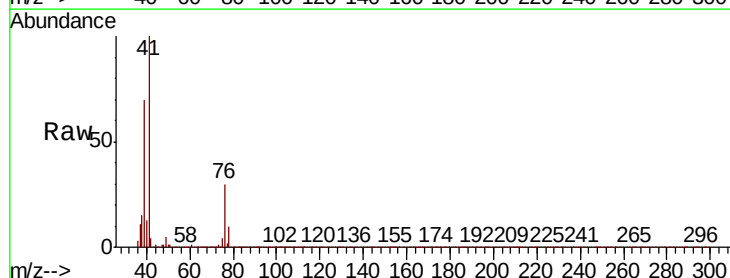
Tgt Ion: 41 Resp: 1095113

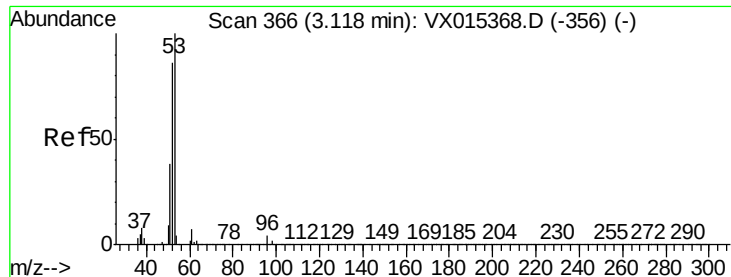
Ion Ratio Lower Upper

41 100

39 67.3 51.4 77.0

76 28.3 21.8 32.8





#15

Acrylonitrile

Concen: 214.234 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

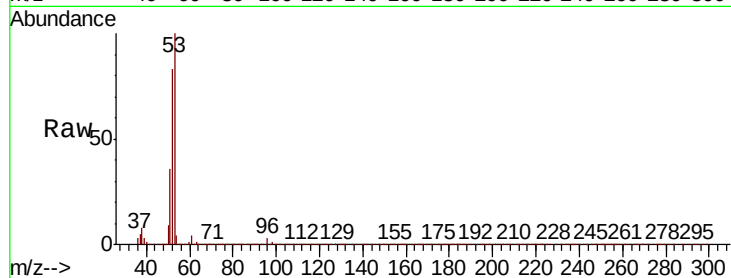
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 53 Resp: 1570025

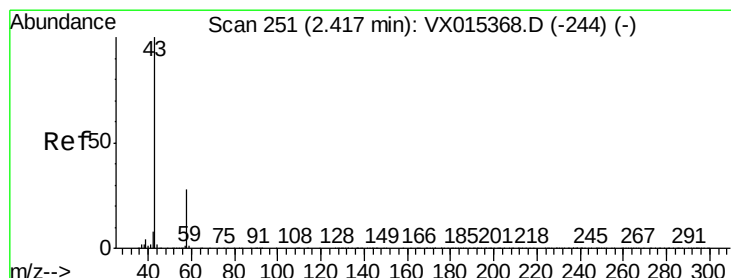
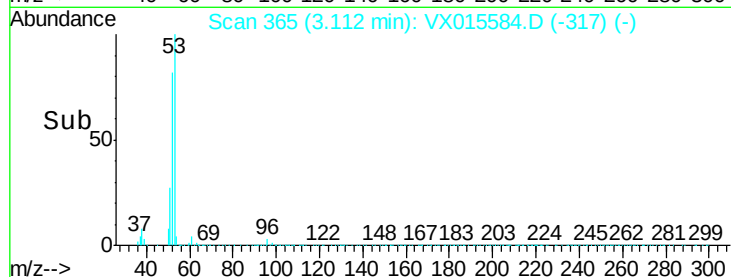
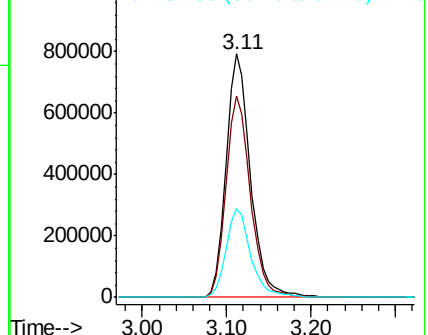
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.8	100.2
51	36.8	29.5	44.3



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: 282.719 ug/l

RT: 2.42 min Scan# 251

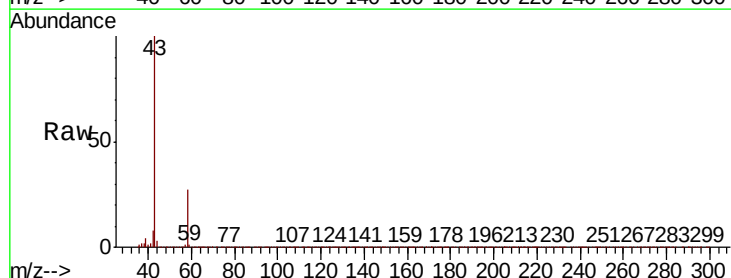
Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

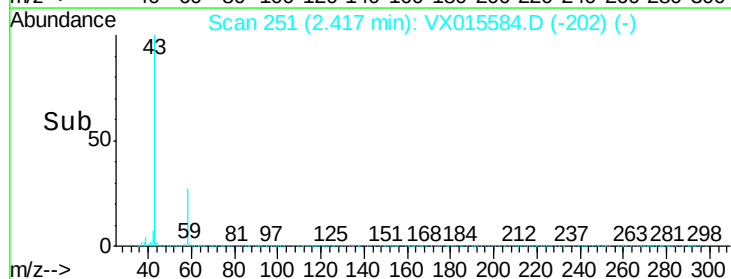
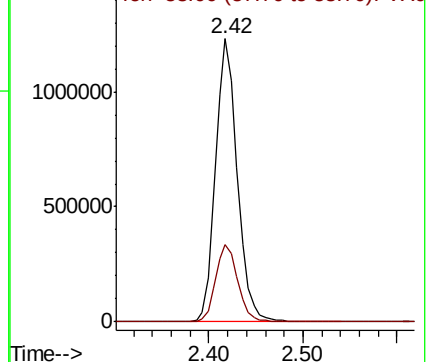
Tgt Ion: 43 Resp: 1950069

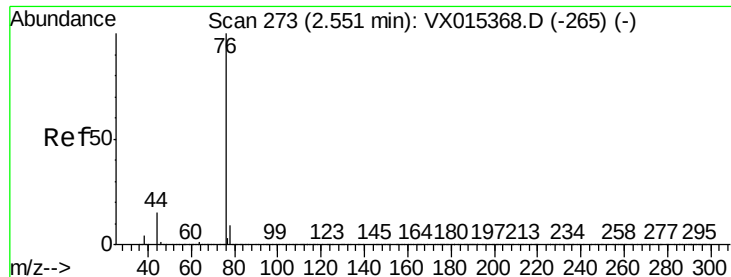
Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.234 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

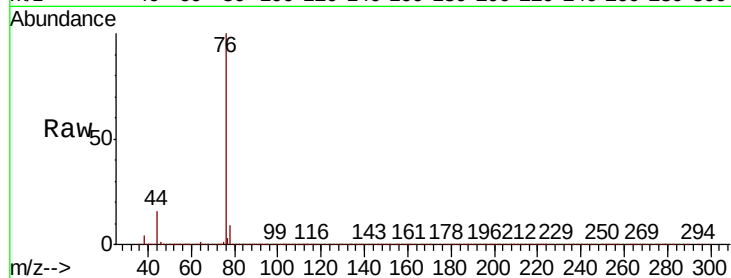
ClientSampleId :

Tot Ion: 76 Resp: 1384631

Ion Ratio Lower Upper

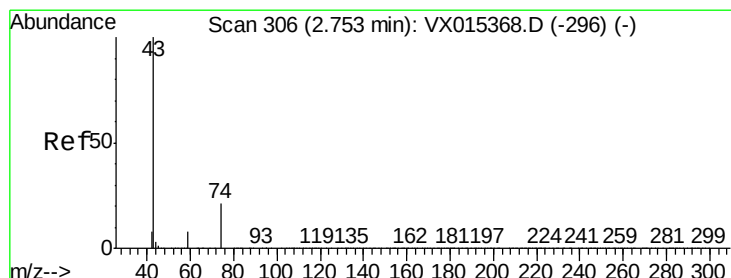
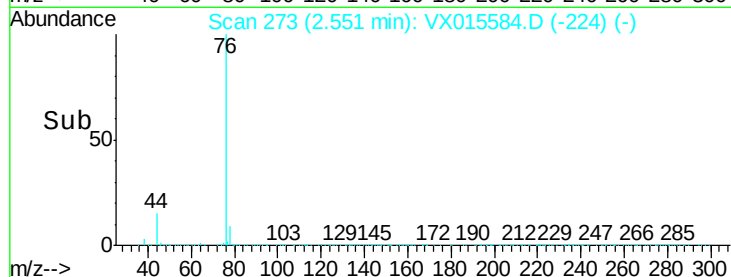
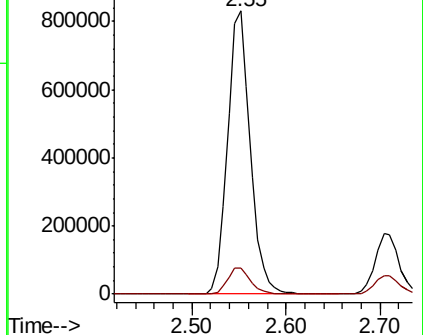
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.161 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015584.D

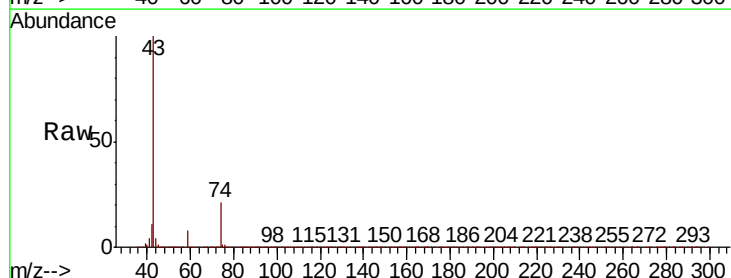
Acq: 09 Apr 2020 10:24

Tgt Ion: 43 Resp: 759829

Ion Ratio Lower Upper

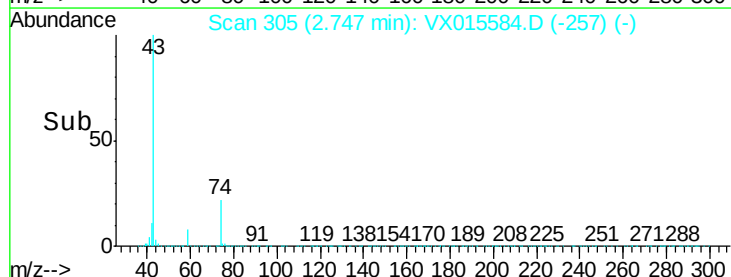
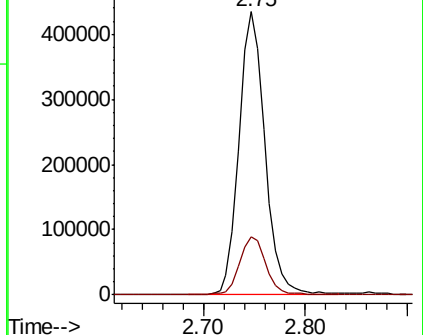
43 100

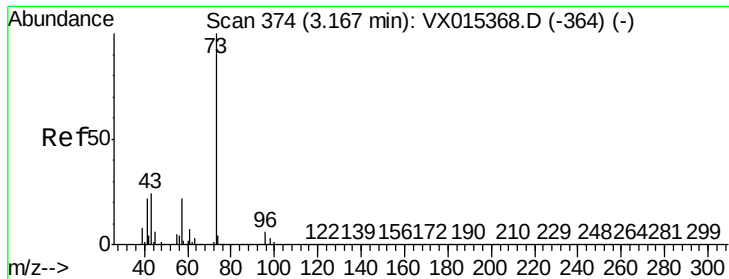
74 21.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

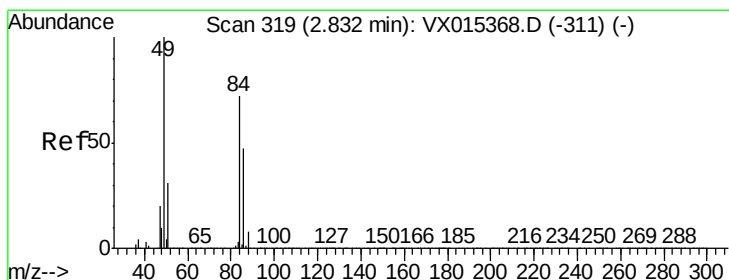
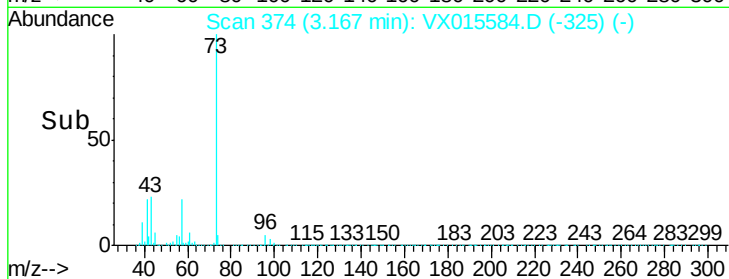
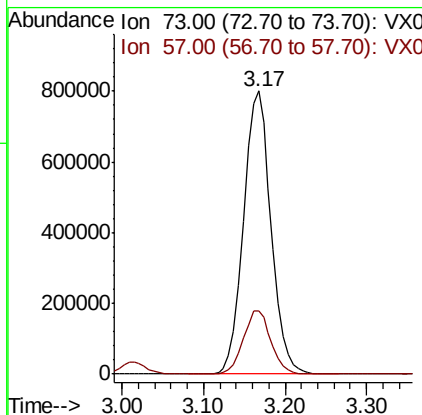
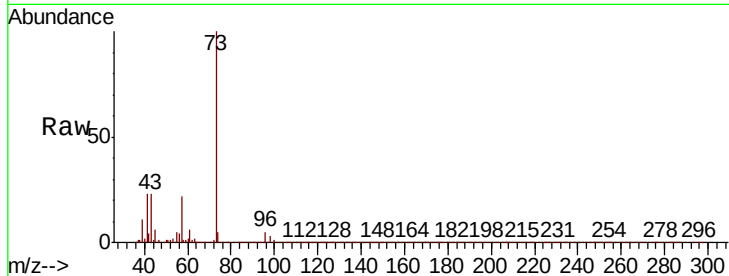




#19
Methyl tert-butyl Ether
Concen: 44.701 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

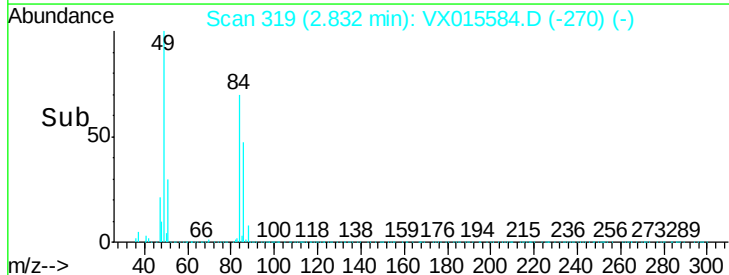
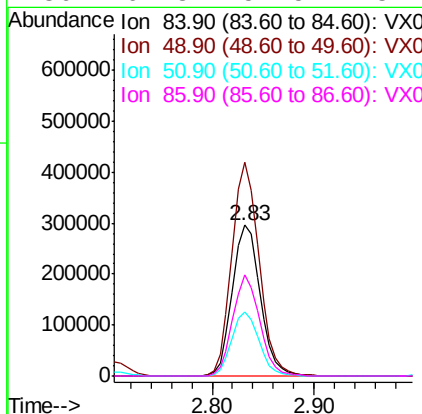
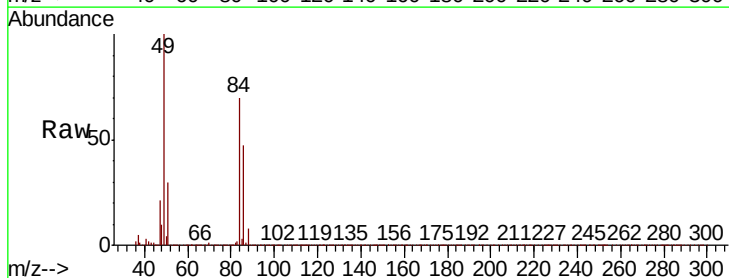
Instrument :
MSVOA_X
ClientSampleId :

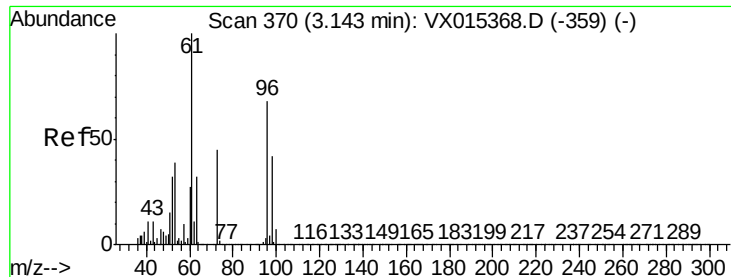
Tot Ion: 73 Resp: 1863195
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 43.476 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 84 Resp: 560129
Ion Ratio Lower Upper
84 100
49 142.0 111.3 166.9
51 42.1 34.0 51.0
86 67.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.402 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampled :

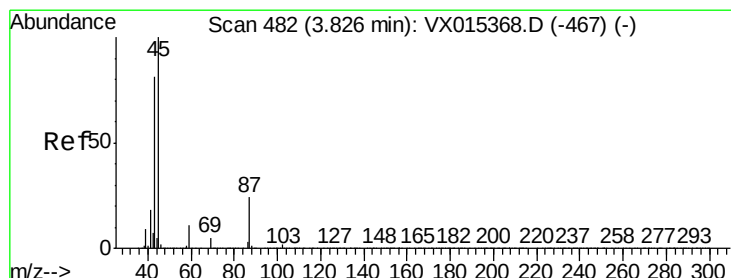
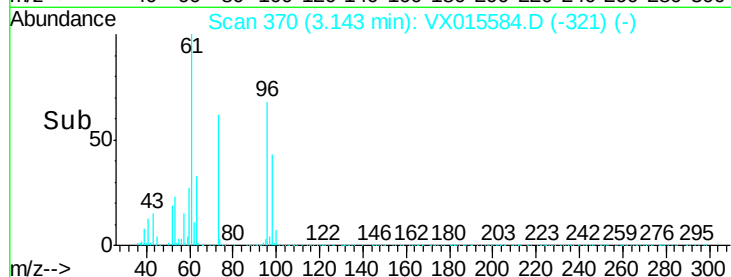
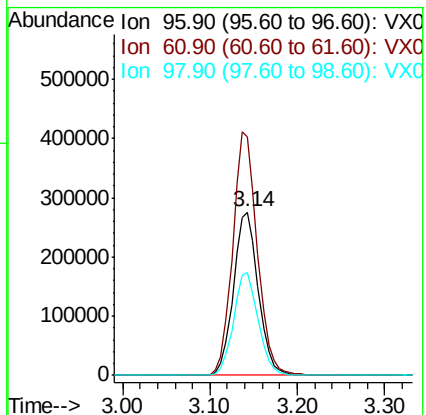
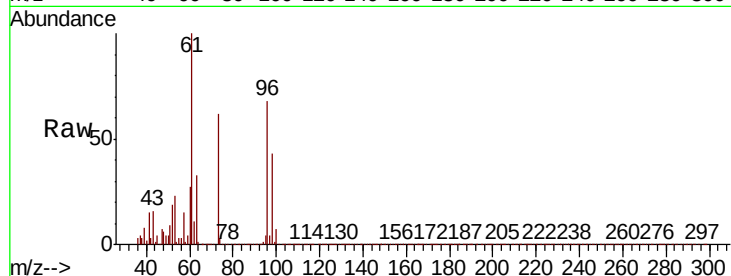
Tot Ion: 96 Resp: 541521

Ion Ratio Lower Upper

96 100

61 146.3 116.9 175.3

98 63.3 48.6 73.0



#22

Diisopropyl ether

Concen: 45.996 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tgt Ion: 45 Resp: 2046683

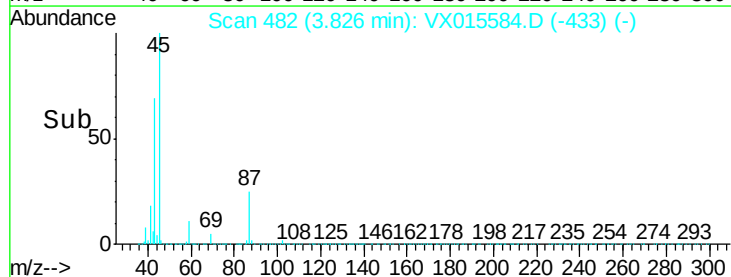
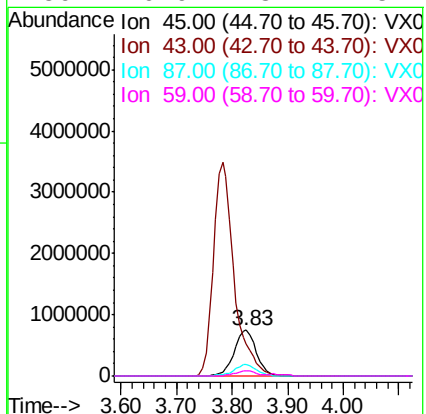
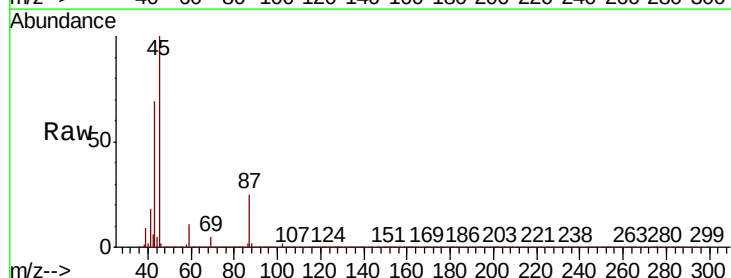
Ion Ratio Lower Upper

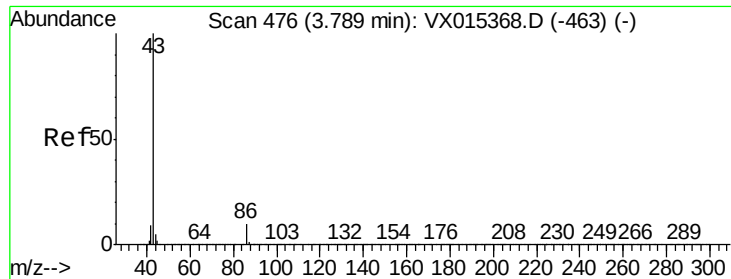
45 100

43 69.0 64.7 97.1

87 25.1 19.4 29.0

59 10.9 8.7 13.1

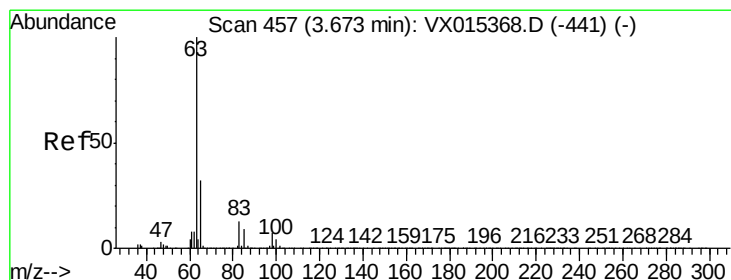
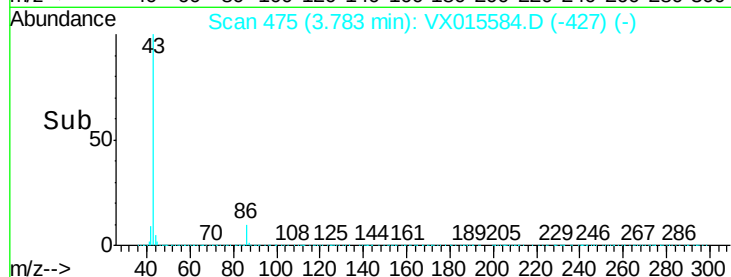
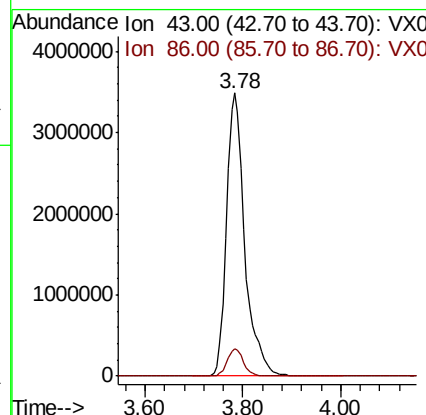
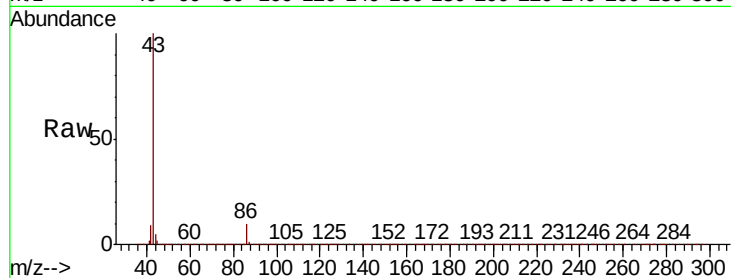




#23
 Vinyl Acetate
 Concen: 223.752 ug/l
 RT: 3.78 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

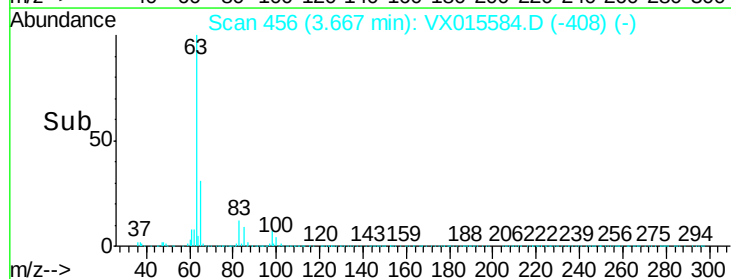
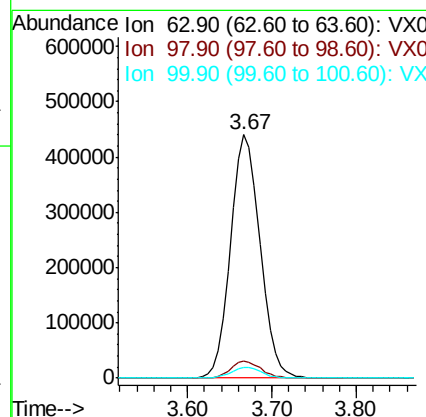
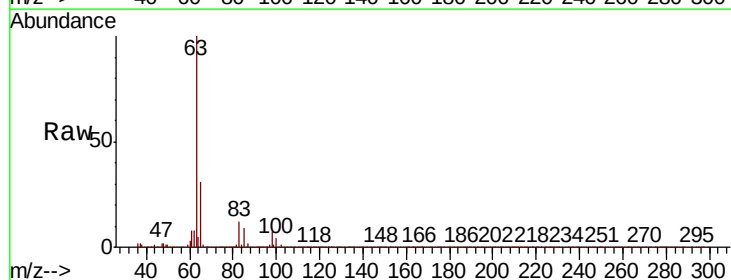
Instrument :
 MSVOA_X
 ClientSampleId :

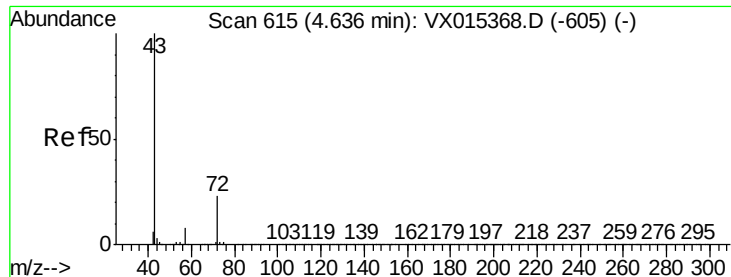
Tot Ion: 43 Resp: 9014508
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 44.658 ug/l
 RT: 3.67 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion: 63 Resp: 1046267
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 234.195 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

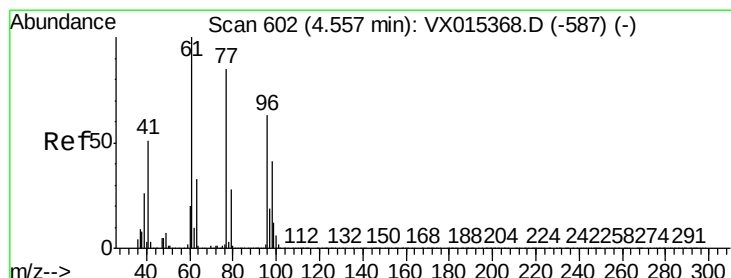
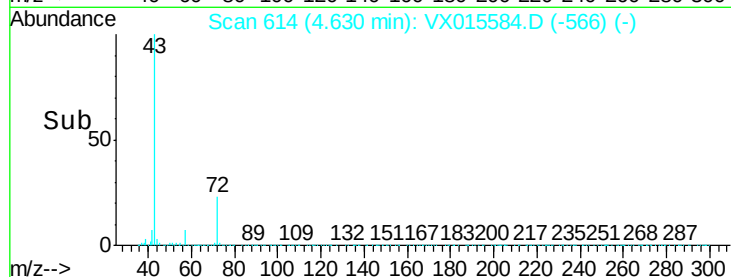
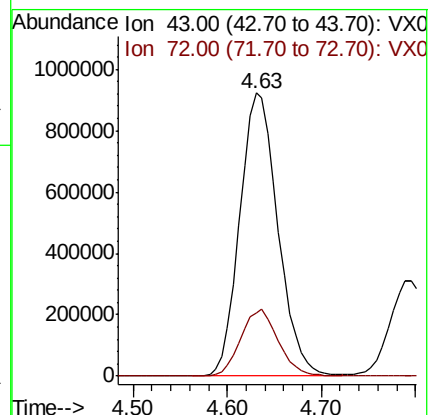
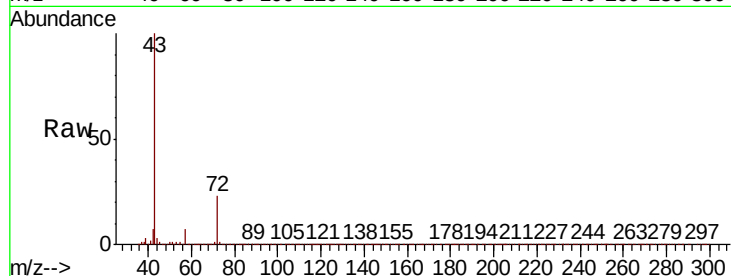
ClientSampled :

Tot Ion: 43 Resp: 2597861

Ion Ratio Lower Upper

43 100

72 22.5 19.0 28.4



#26

2,2-Dichloropropane

Concen: 50.646 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015584.D

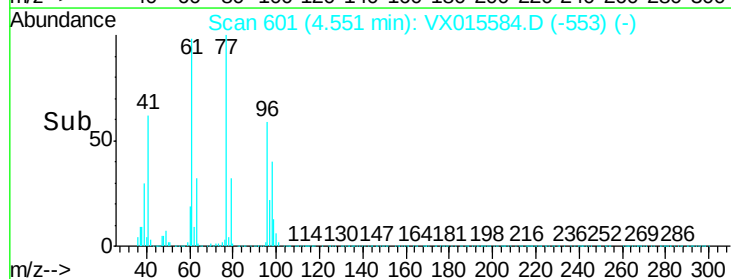
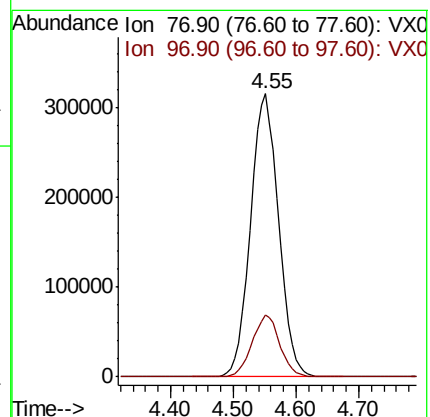
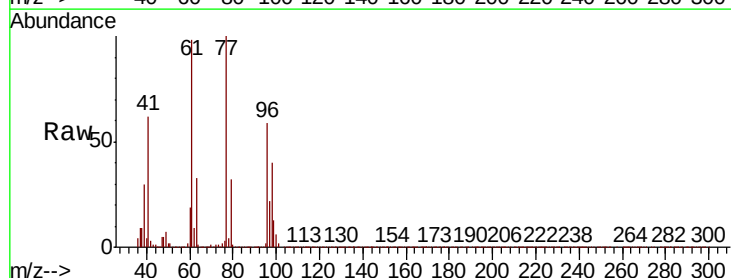
Acq: 09 Apr 2020 10:24

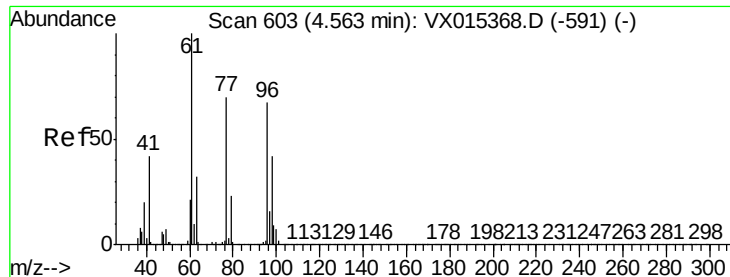
Tgt Ion: 77 Resp: 973939

Ion Ratio Lower Upper

77 100

97 21.3 11.3 33.8



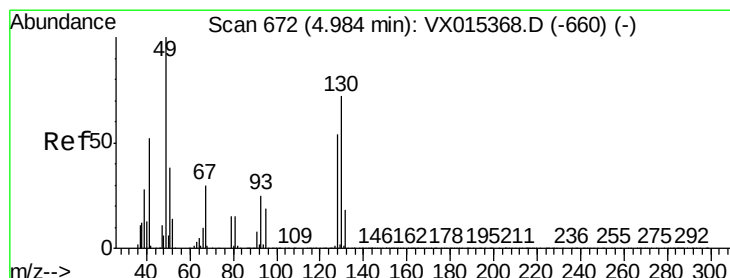
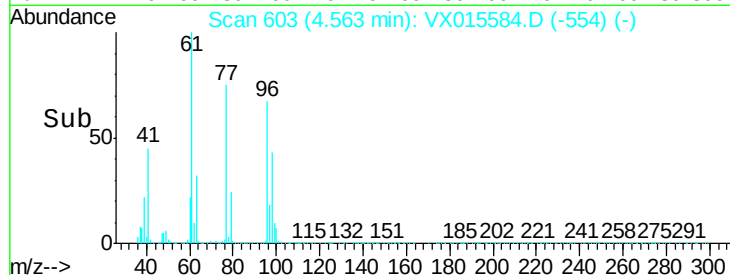
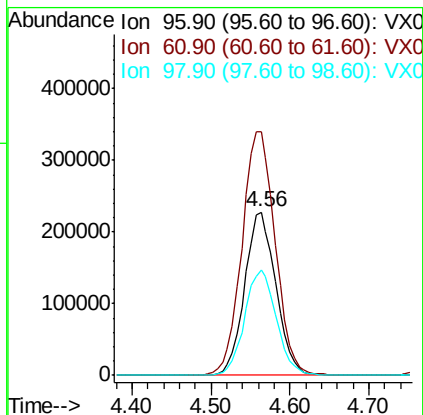
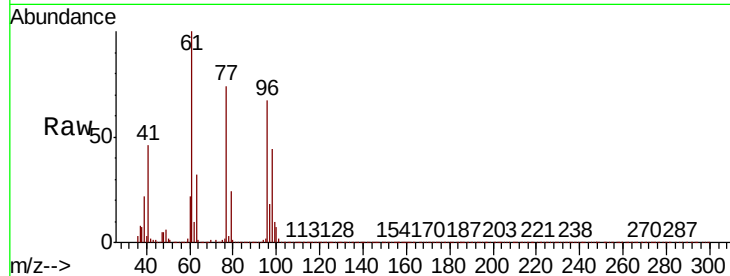


#27

cis-1,2-Dichloroethene
Concen: 45.263 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampled :

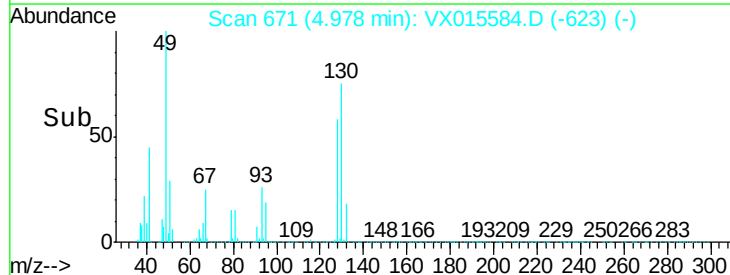
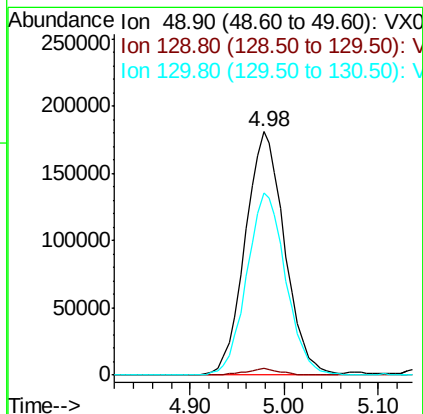
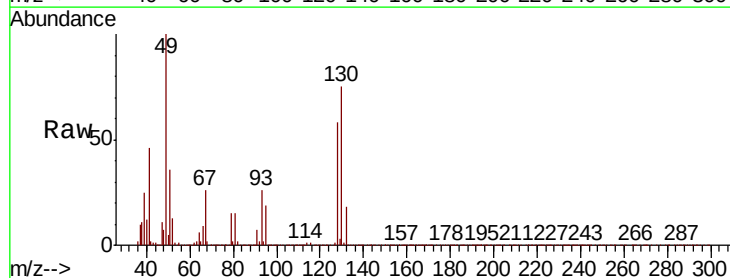
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.4	0.0	308.4
98	65.5	0.0	129.2

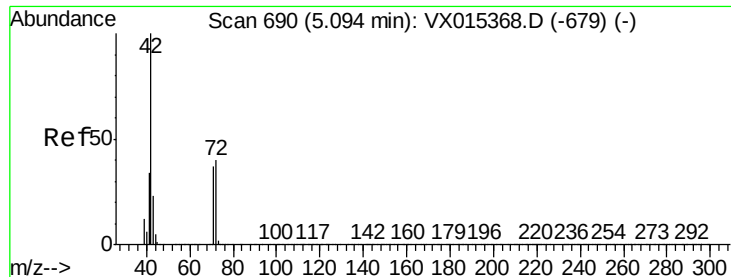


#28

Bromochloromethane
Concen: 46.973 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	74.9	57.7	86.5





#29

Tetrahydrofuran

Concen: 208.049 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

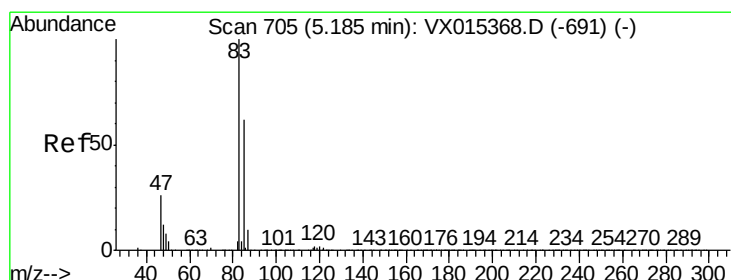
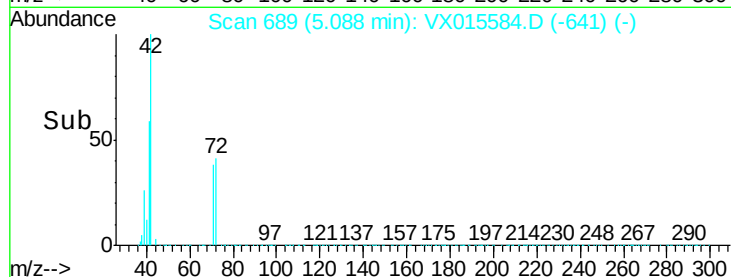
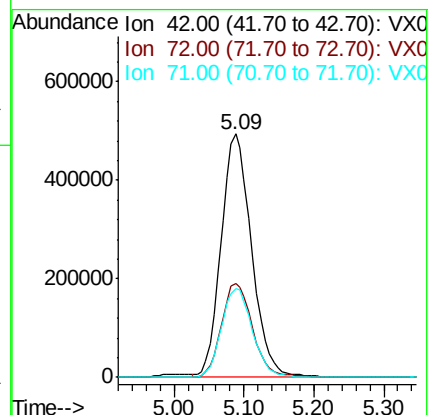
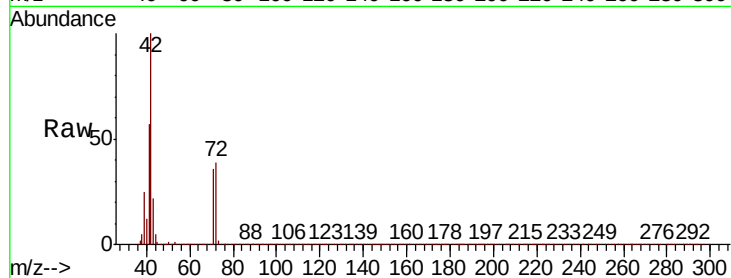
Tot Ion: 42 Resp: 1483644

Ion Ratio Lower Upper

42 100

72 39.8 31.7 47.5

71 37.2 29.6 44.4



#30

Chloroform

Concen: 45.650 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015584.D

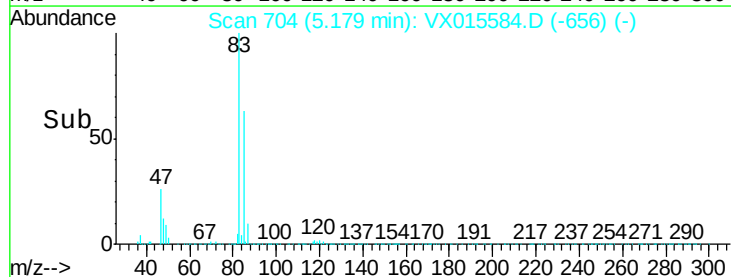
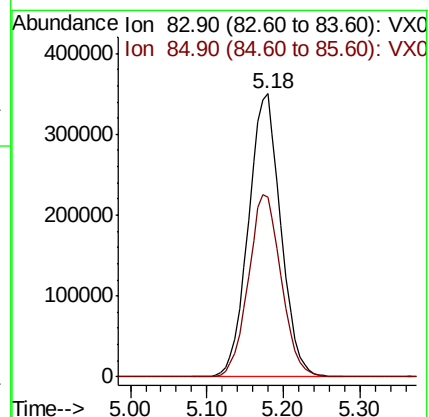
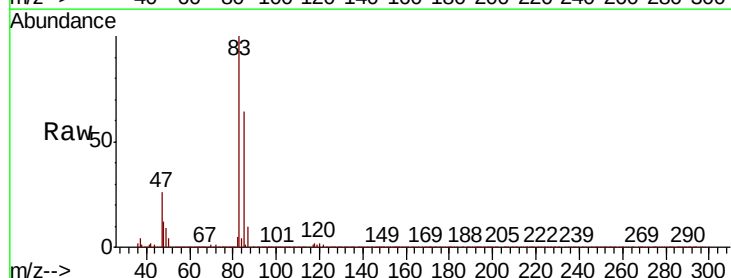
Acq: 09 Apr 2020 10:24

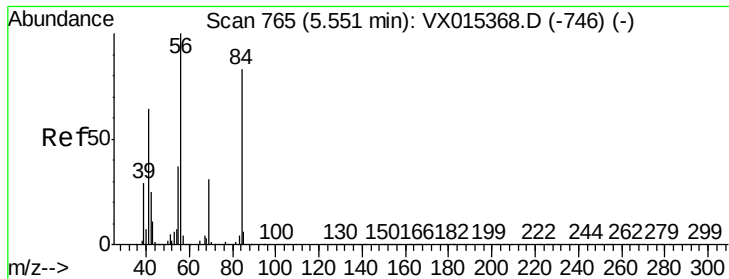
Tgt Ion: 83 Resp: 1028949

Ion Ratio Lower Upper

83 100

85 63.4 49.5 74.3





#31

Cyclohexane

Concen: 47.538 ug/l

RT: 5.54 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampled :

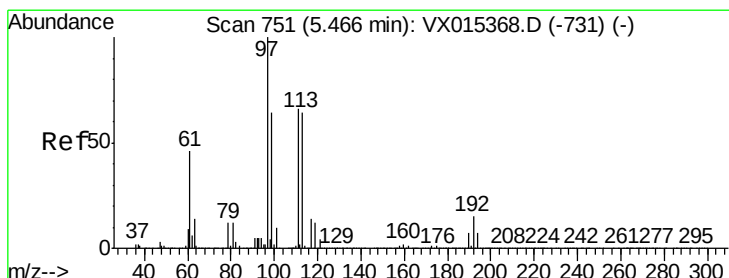
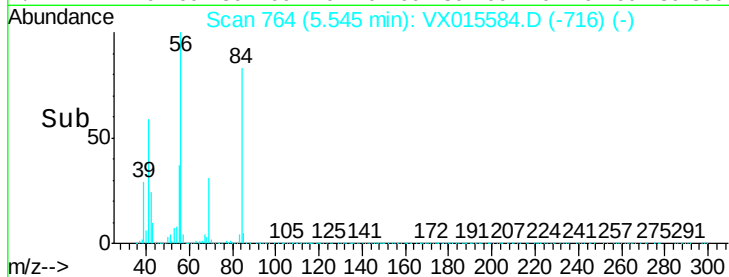
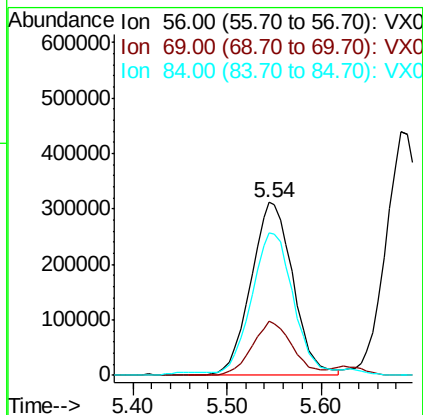
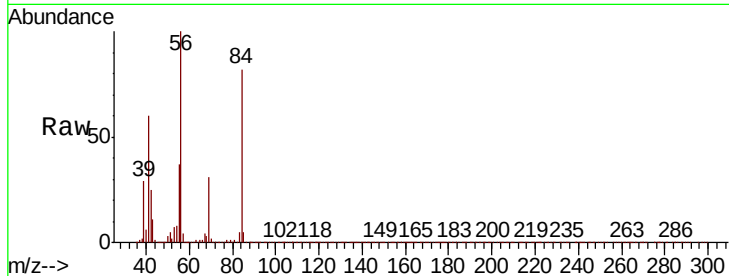
Tot Ion: 56 Resp: 966169

Ion Ratio Lower Upper

56 100

69 31.0 24.6 36.8

84 80.8 66.1 99.1



#32

1,1,1-Trichloroethane

Concen: 46.946 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

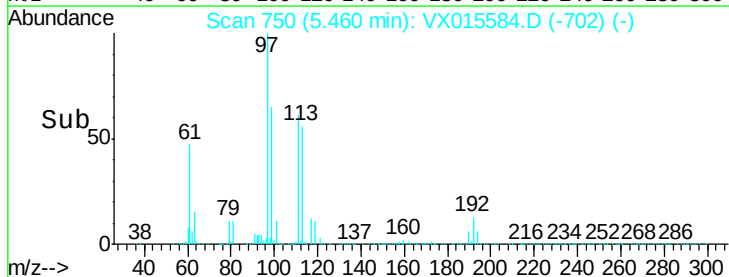
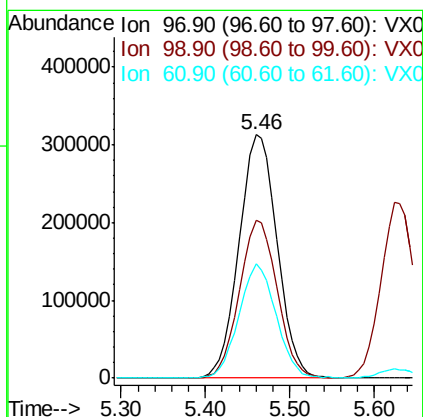
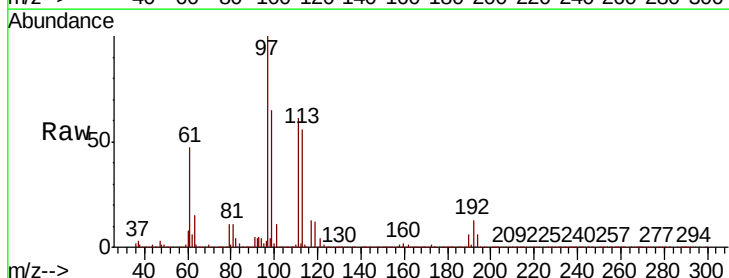
Tgt Ion: 97 Resp: 957635

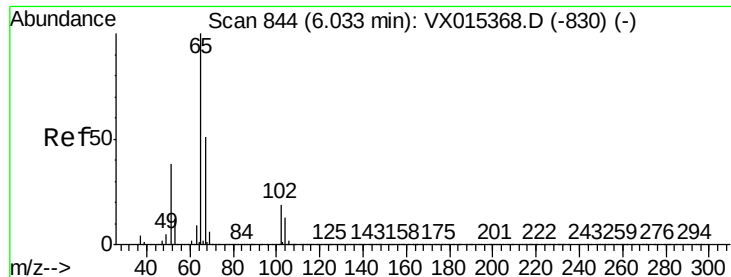
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 45.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 43.969 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

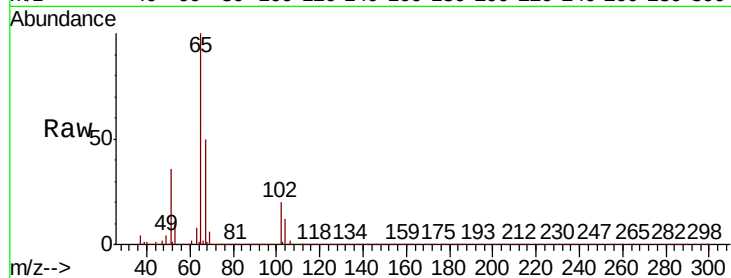
ClientSampleId :

Tot Ion: 65 Resp: 705924

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

250000

200000

150000

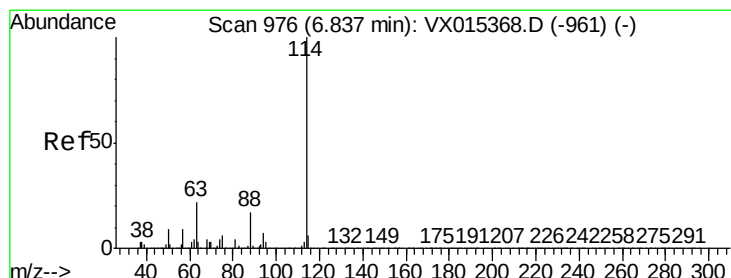
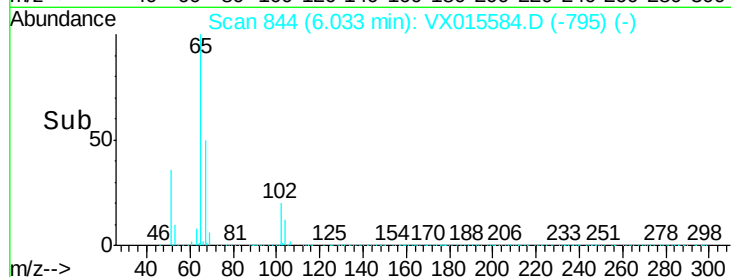
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

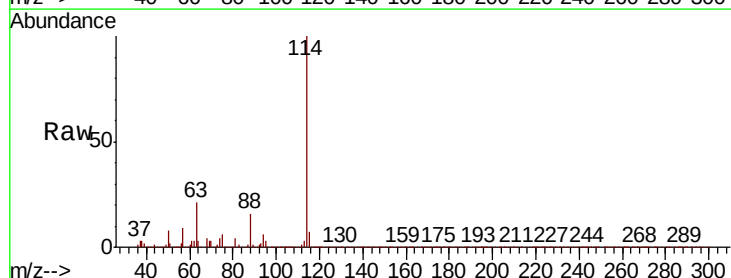
Tgt Ion:114 Resp: 1713922

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

88 15.8 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

1000000

800000

600000

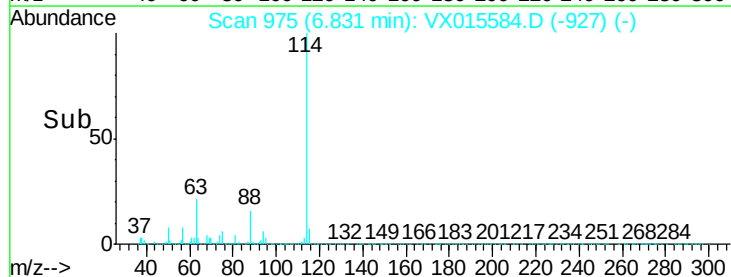
400000

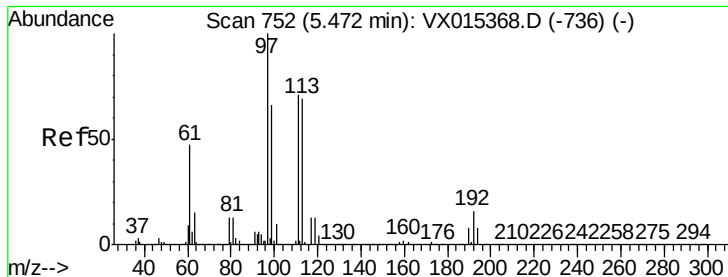
200000

0

Time-->

6.70 6.80 6.90 7.00

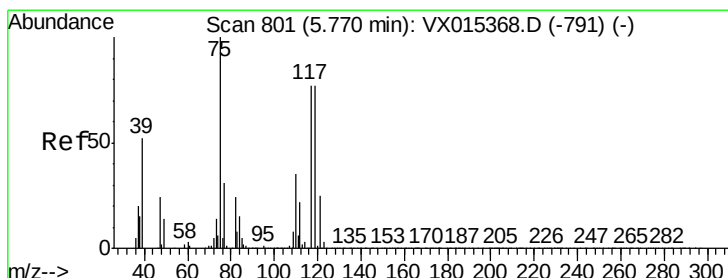
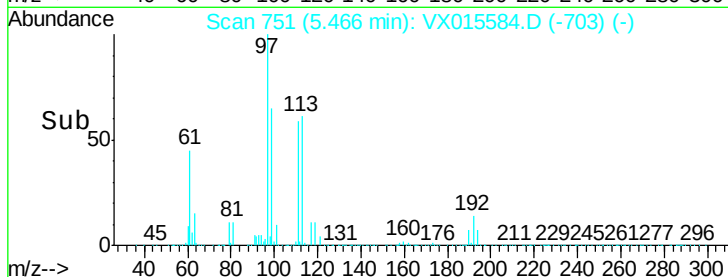
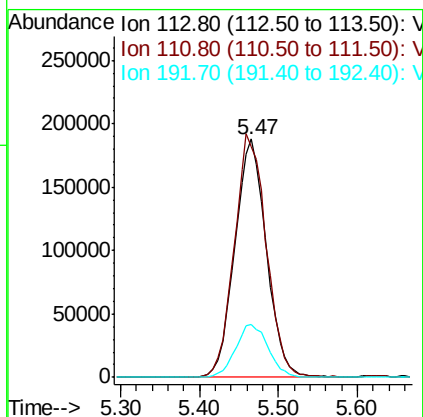
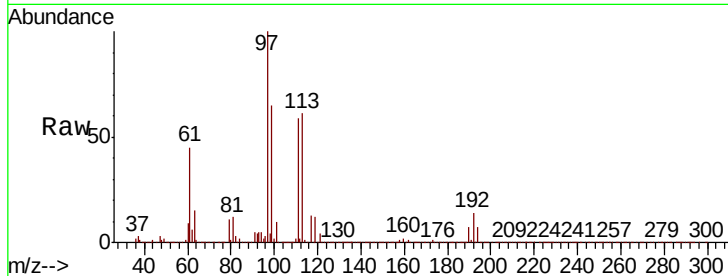




#35
 Dibromofluoromethane
 Concen: 47.639 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

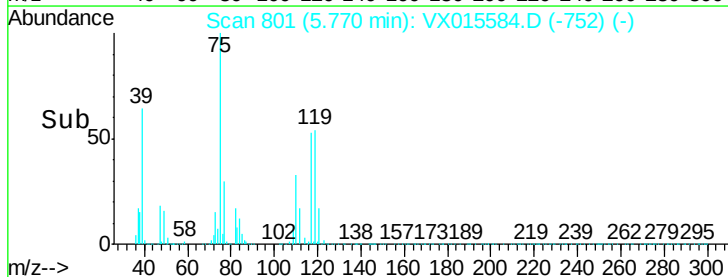
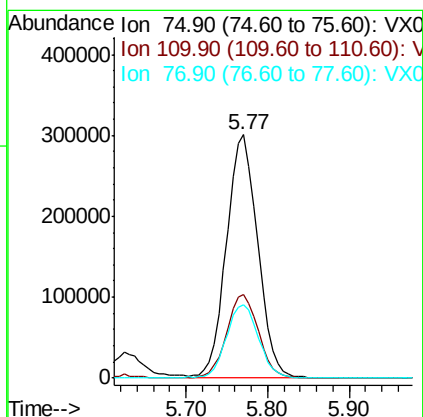
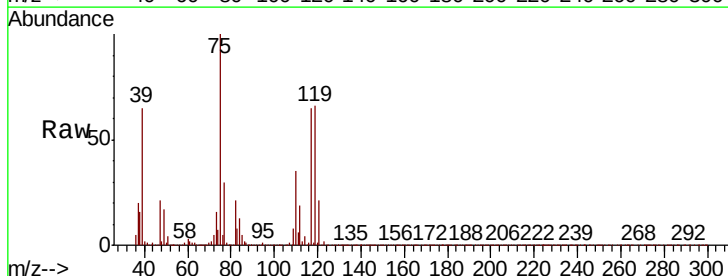
Instrument :
 MSVOA_X
 ClientSampleId :

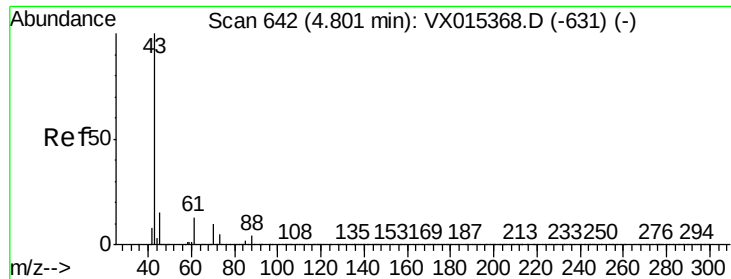
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	23.1	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 50.302 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.1	51.3
77	31.3	24.6	36.8

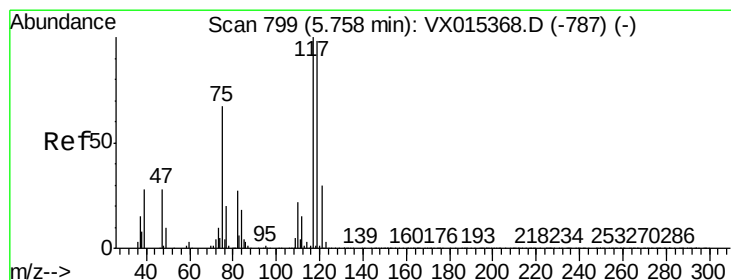
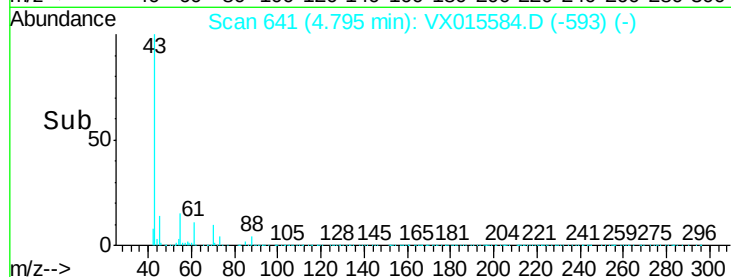
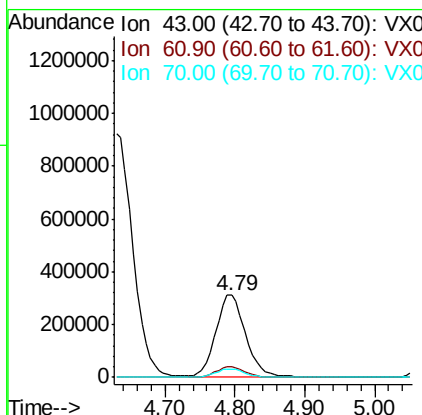
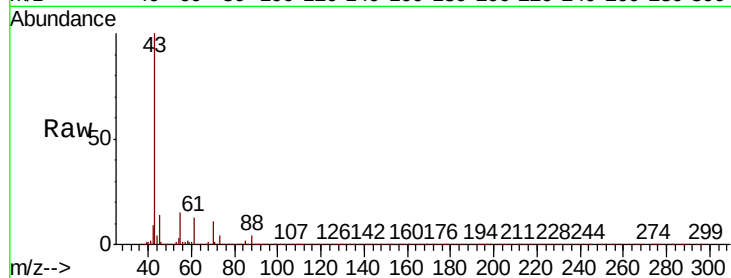




#37
Ethyl Acetate
Concen: 44.414 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

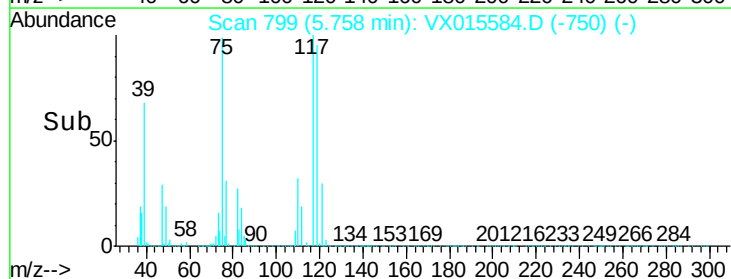
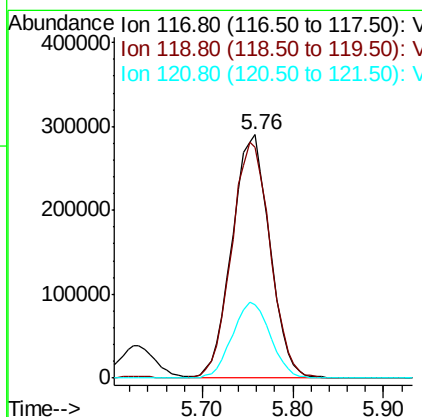
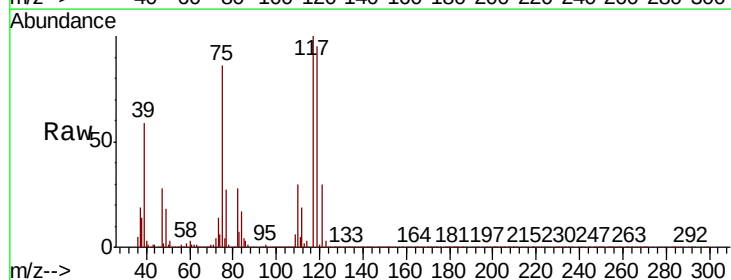
Instrument :
MSVOA_X
ClientSampleId :

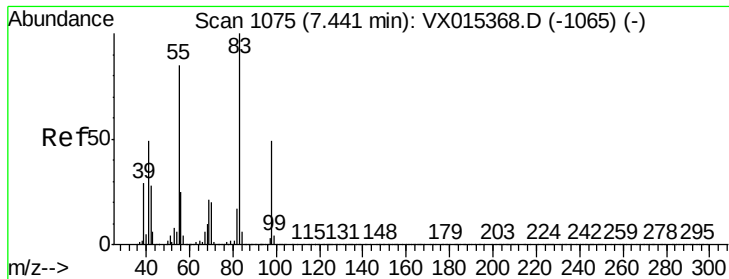
Tot Ion: 43 Resp: 913242
Ion Ratio Lower Upper
43 100
61 12.3 9.9 14.9
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.056 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 117 Resp: 839072
Ion Ratio Lower Upper
117 100
119 95.0 78.0 117.0
121 30.0 23.8 35.8

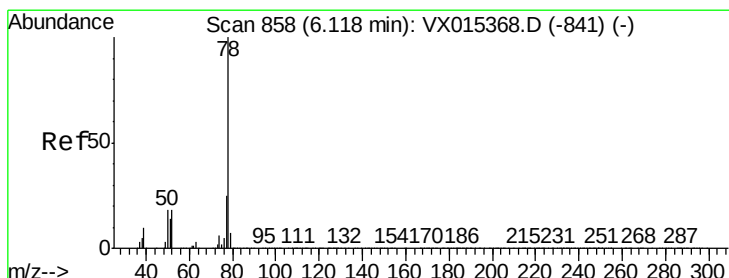
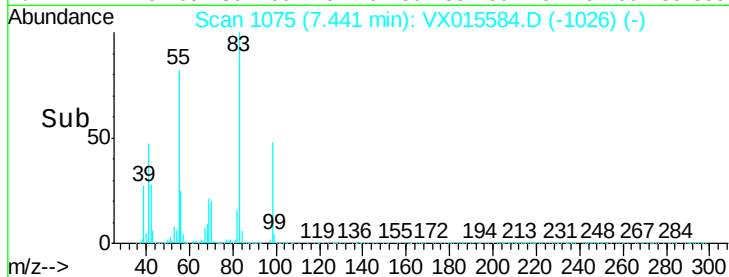
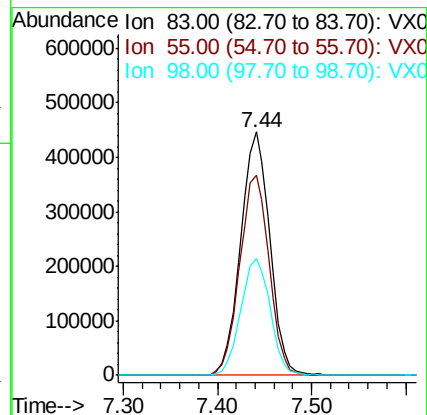
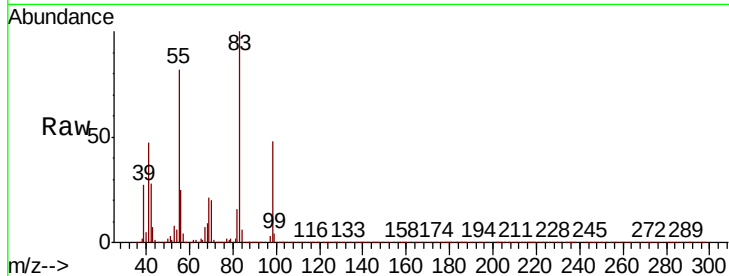




#39
Methylvlcyclohexane
Concen: 52.929 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

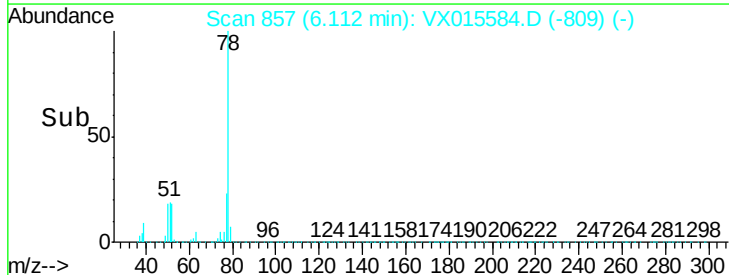
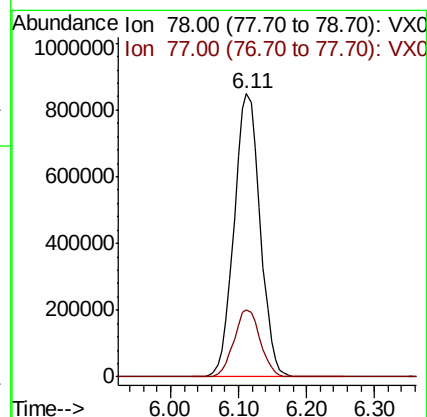
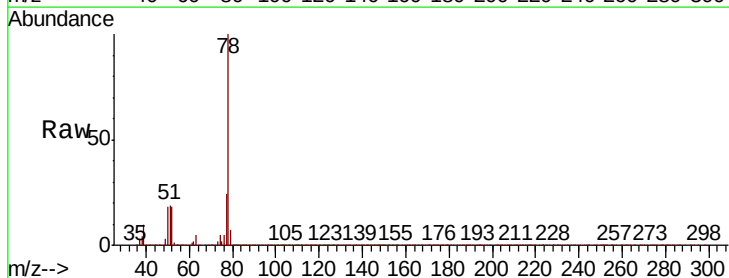
Instrument :
MSVOA_X
ClientSampleId :

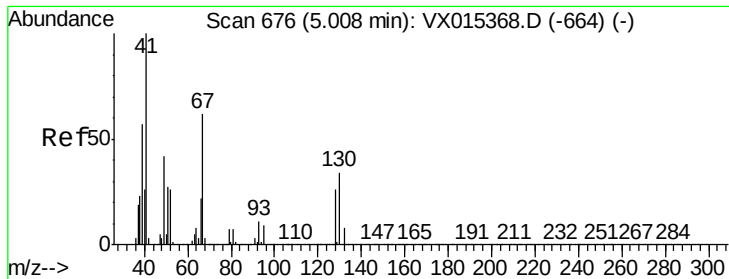
Tot Ion	83.00	Resp	963728
Ion Ratio	Lower	Upper	
83	100		
55	82.1	67.8	101.6
98	47.8	39.3	58.9



#40
Benzene
Concen: 48.583 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	78.00	Resp	2247371
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.8	29.8

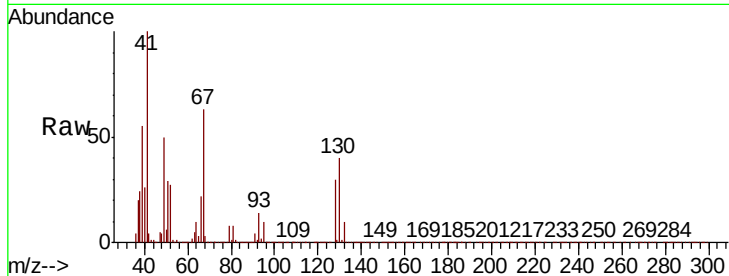




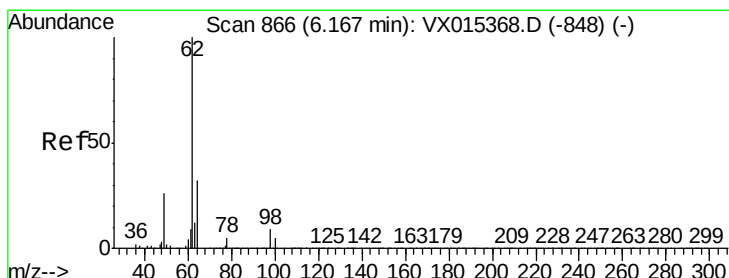
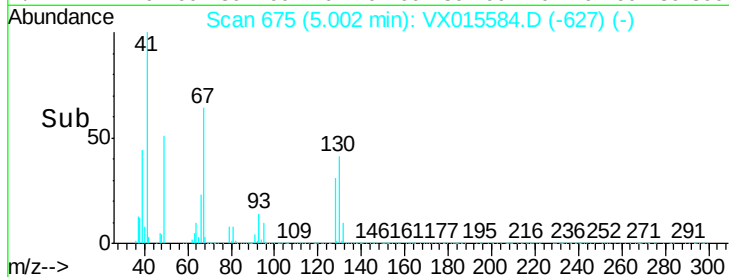
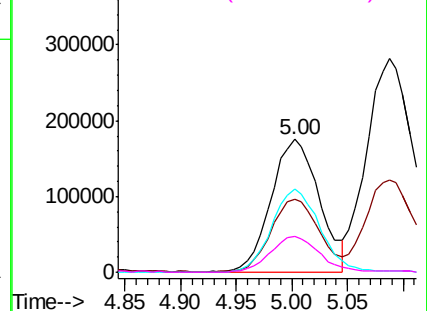
#41
Methacrylonitrile
Concen: 46.010 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	525177
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.5	66.7
67	62.7	48.9	73.3
52	27.1	21.8	32.6

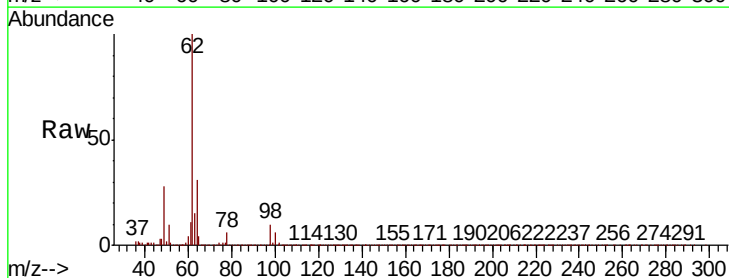


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

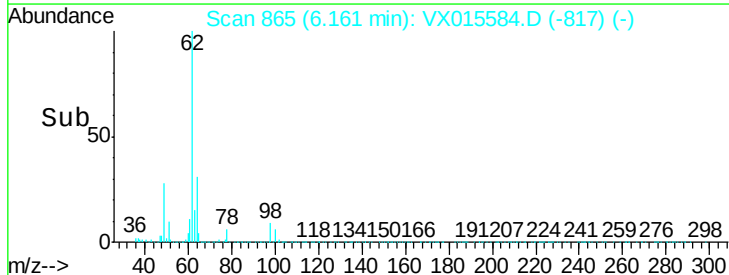
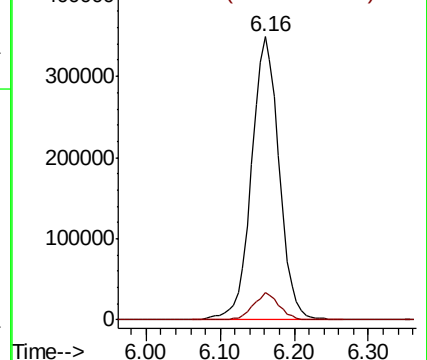


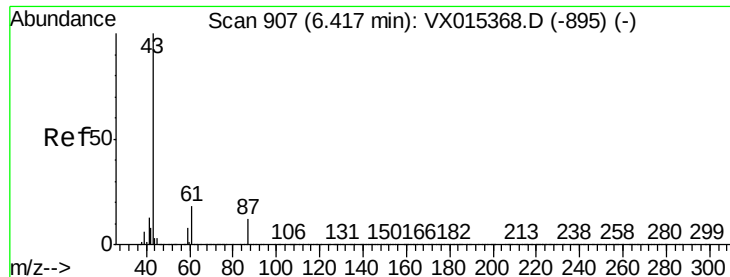
#42
1,2-Dichloroethane
Concen: 48.542 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:	62	Resp:	901963
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 45.555 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :

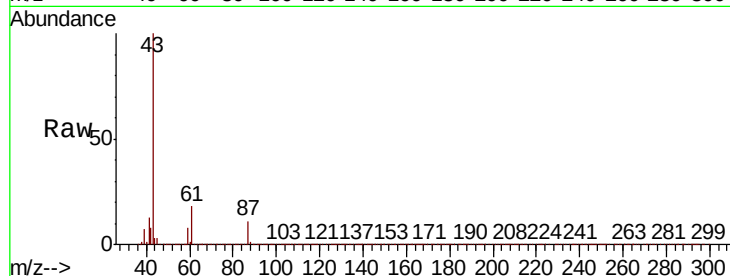
Tot Ion: 43 Resp: 1581268

Ion Ratio Lower Upper

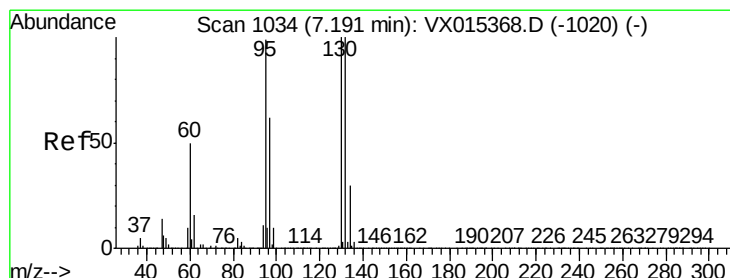
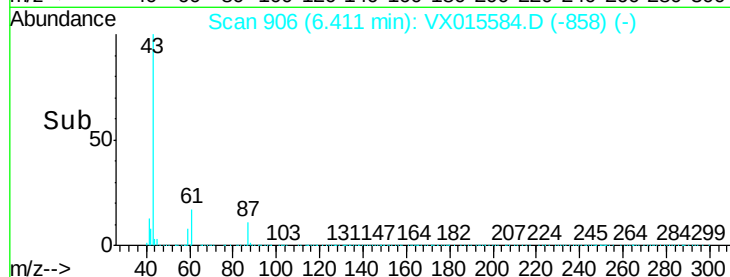
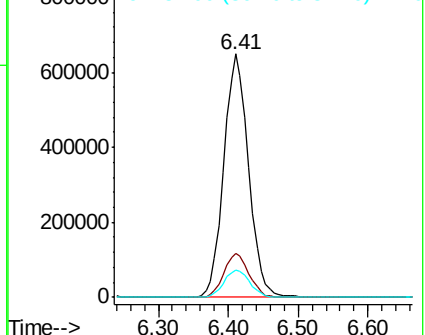
43 100

61 18.2 14.8 22.2

87 11.8 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: 49.625 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015584.D

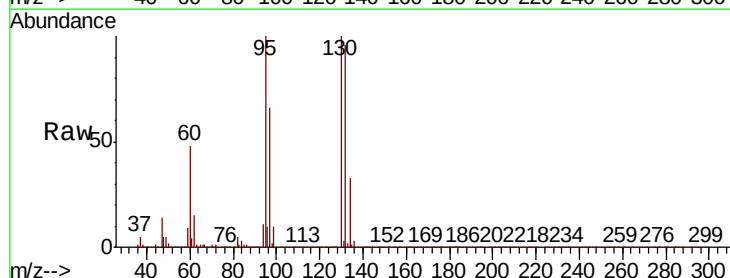
Acq: 09 Apr 2020 10:24

Tgt Ion: 130 Resp: 626069

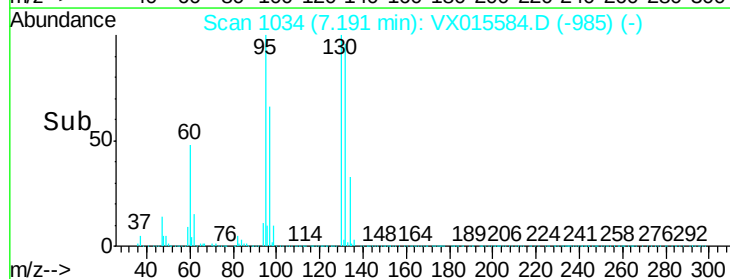
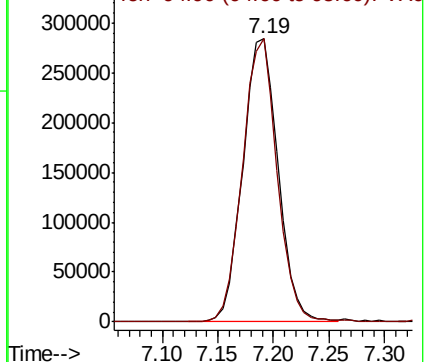
Ion Ratio Lower Upper

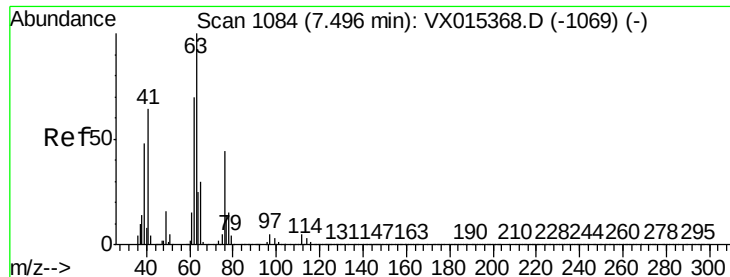
130 100

95 99.9 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

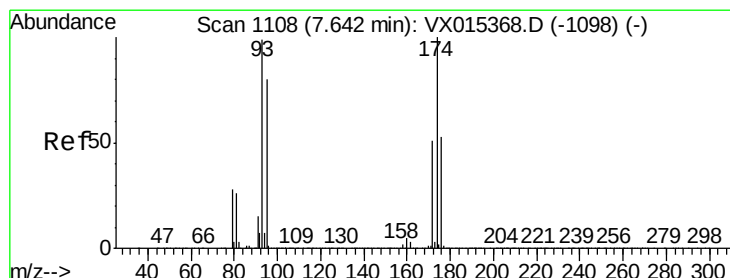
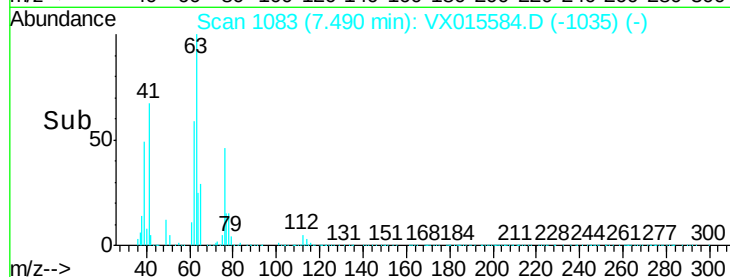
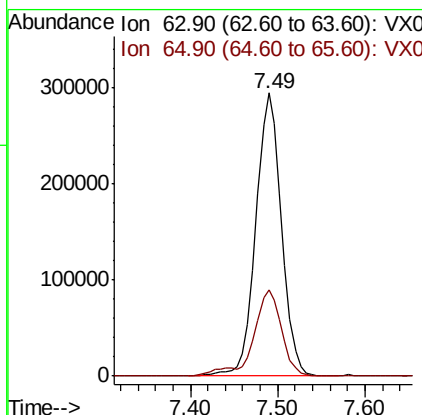
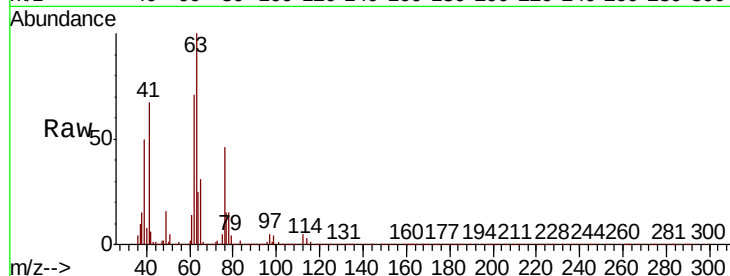




#45
 1,2-Dichloropropane
 Concen: 47.112 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

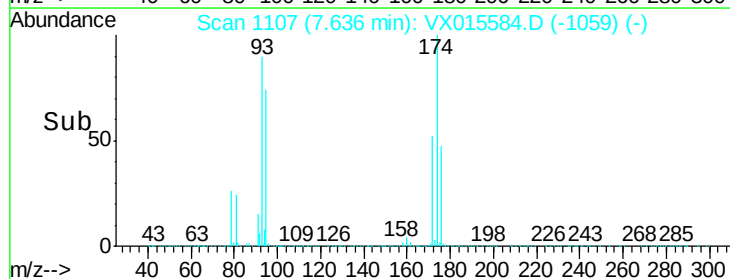
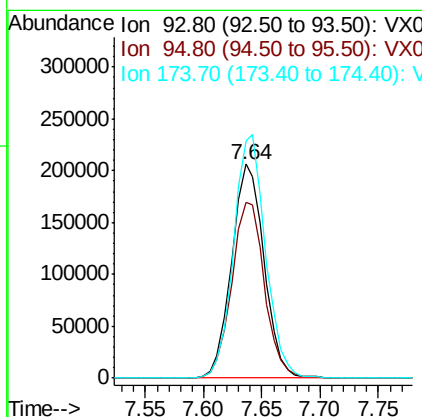
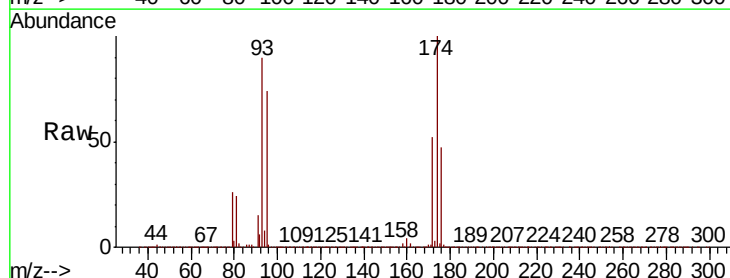
Instrument :
 MSVOA_X
 ClientSampleId :

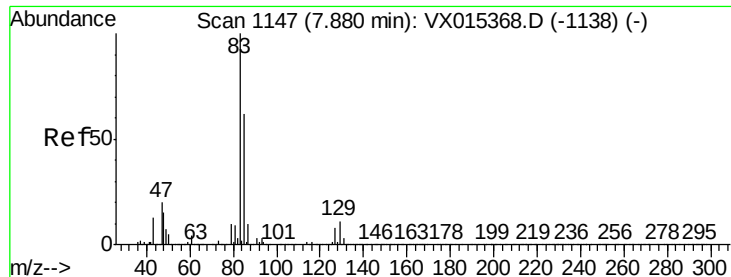
Tot Ion: 63 Resp: 596177
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.9 35.9



#46
 Dibromomethane
 Concen: 48.269 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion: 93 Resp: 400688
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.8 98.8
 174 112.0 86.2 129.2





#47

Bromodichloromethane

Concen: 48.603 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :

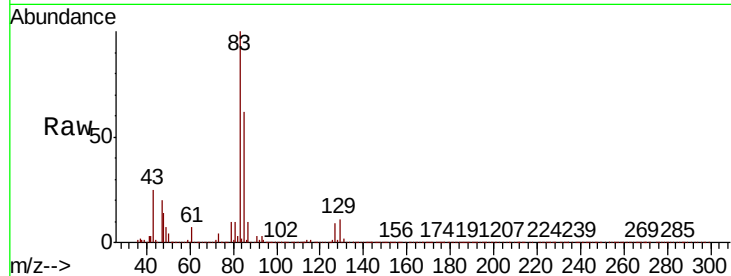
Tot Ion: 83 Resp: 859692

Ion Ratio Lower Upper

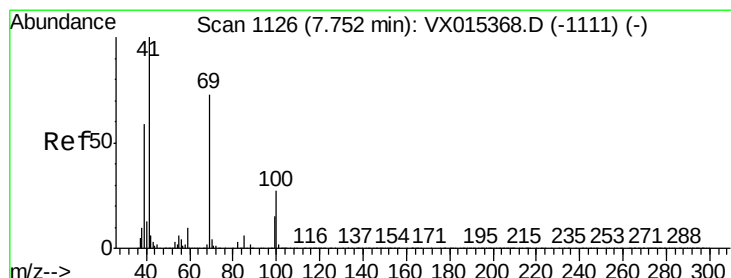
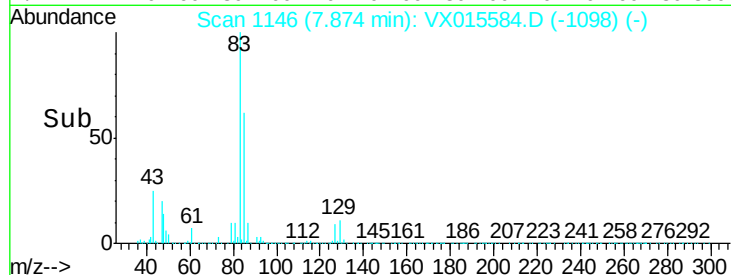
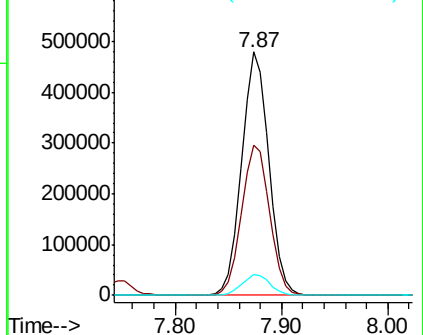
83 100

85 61.7 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: 45.663 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

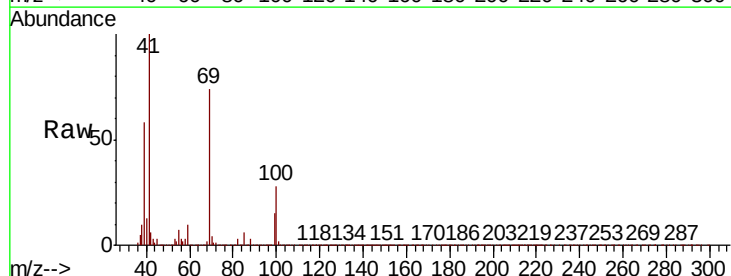
Tgt Ion: 41 Resp: 791699

Ion Ratio Lower Upper

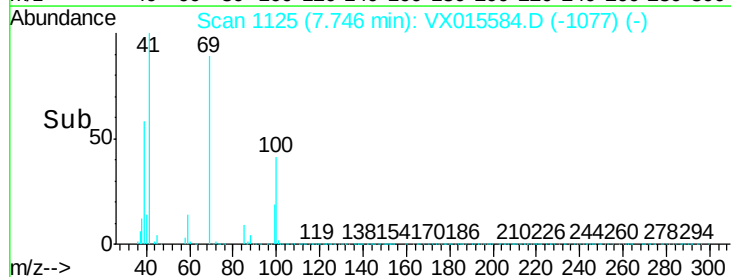
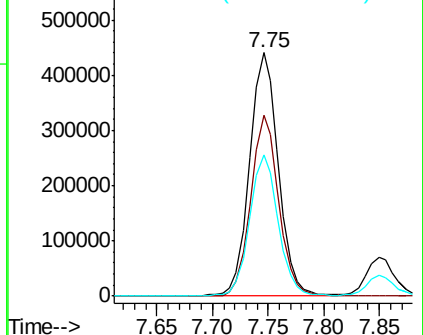
41 100

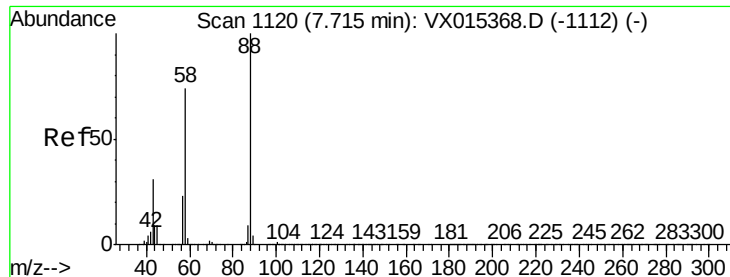
69 72.1 56.7 85.1

39 57.3 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: 935.335 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :

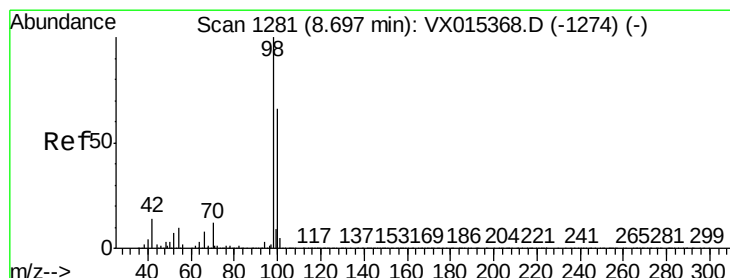
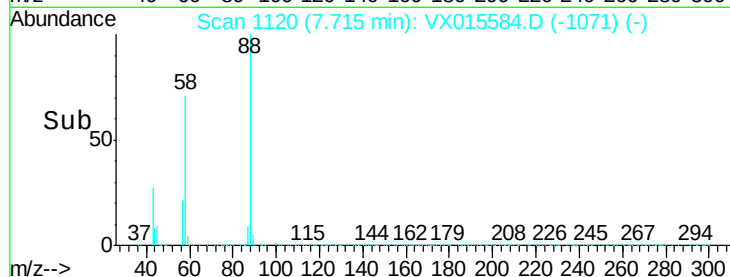
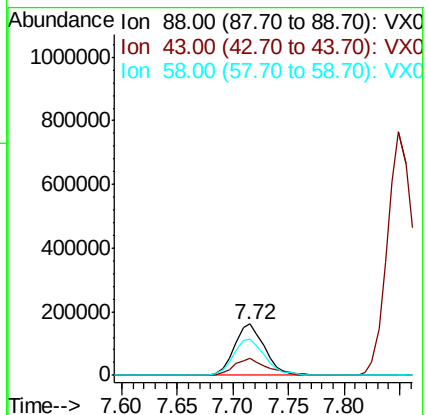
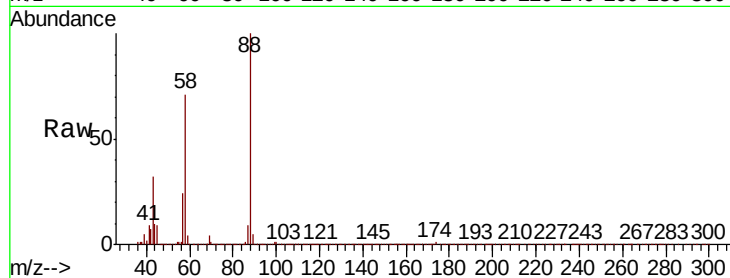
Tot Ion: 88 Resp: 302521

Ion Ratio Lower Upper

88 100

43 36.4 30.1 45.1

58 73.8 60.6 90.8



#50

Toluene-d8

Concen: 47.810 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015584.D

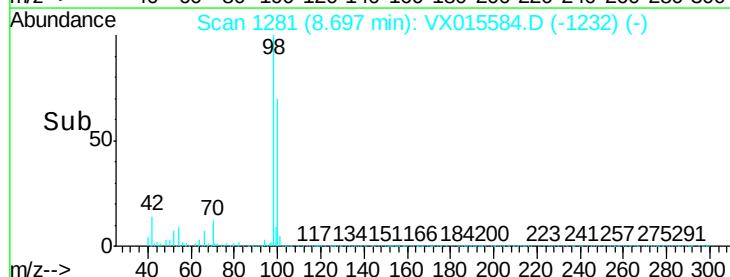
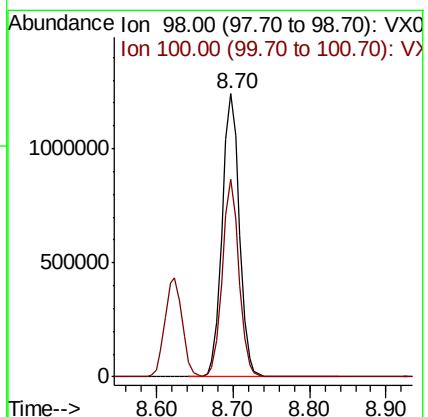
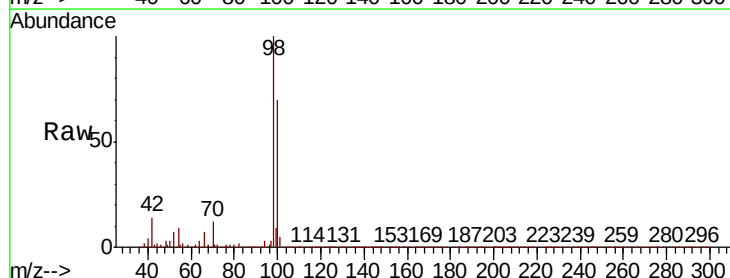
Acq: 09 Apr 2020 10:24

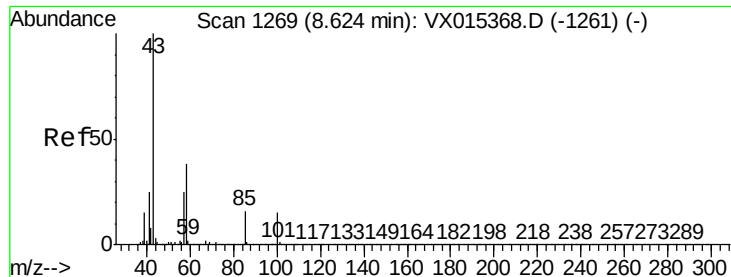
Tgt Ion: 98 Resp: 1928501

Ion Ratio Lower Upper

98 100

100 67.3 53.5 80.3

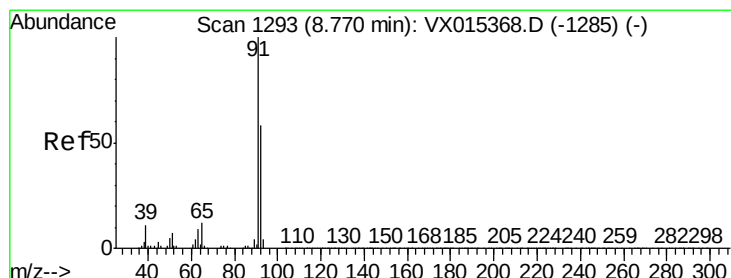
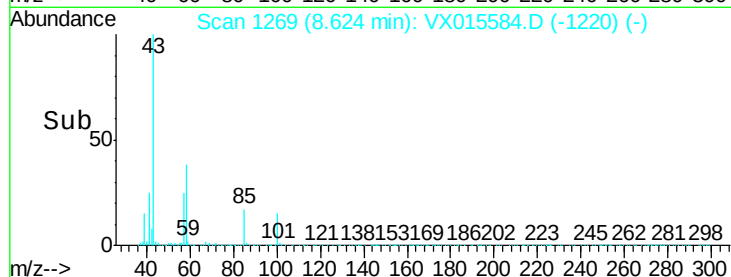
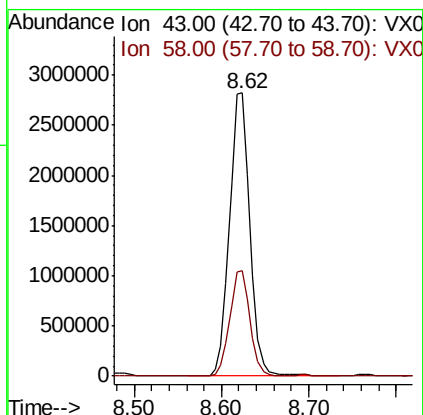
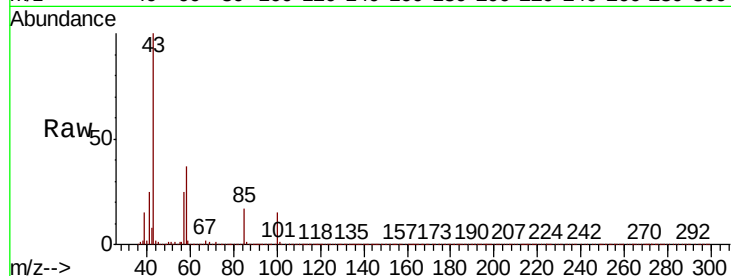




#51
4-Methyl-2-Pentanone
Concen: 232.174 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

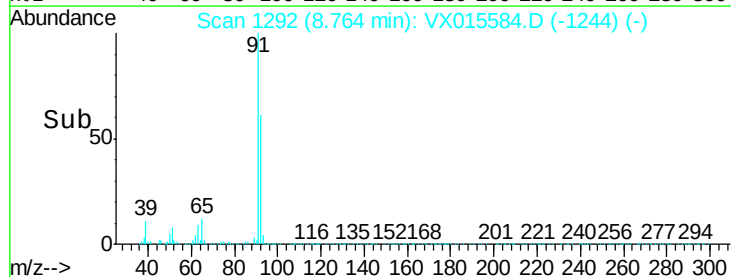
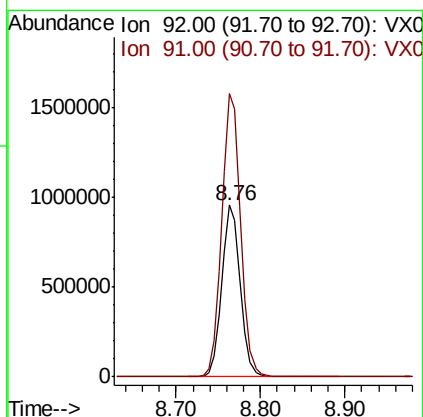
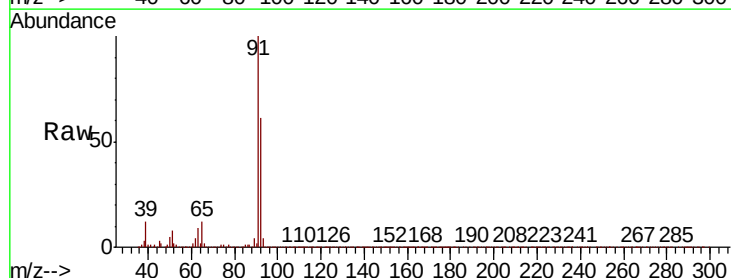
Instrument :
MSVOA_X
ClientSampleId :

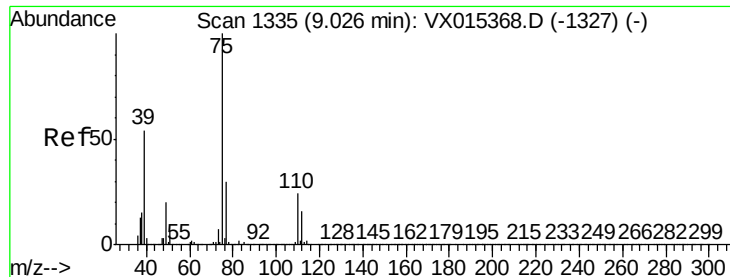
Tot Ion: 43 Resp: 4567200
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5



#52
Toluene
Concen: 50.673 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 92 Resp: 1445185
Ion Ratio Lower Upper
92 100
91 168.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 47.222 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

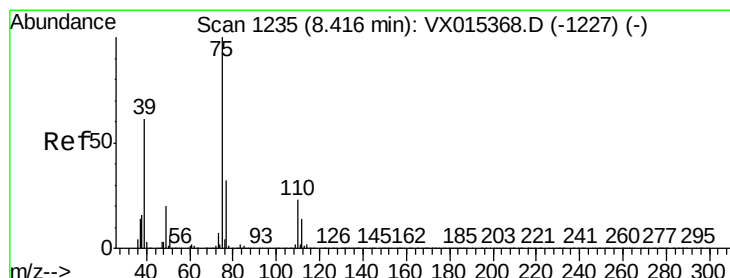
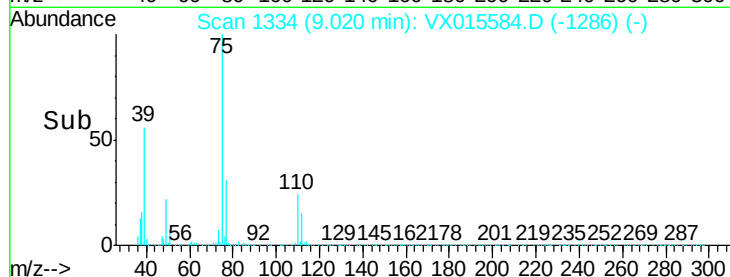
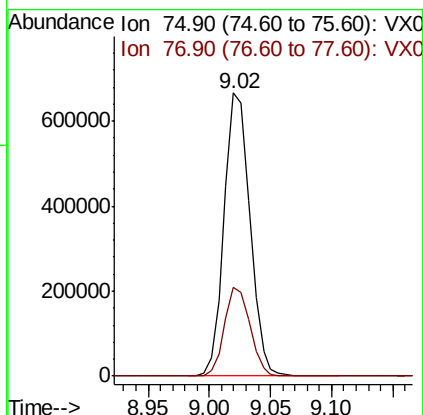
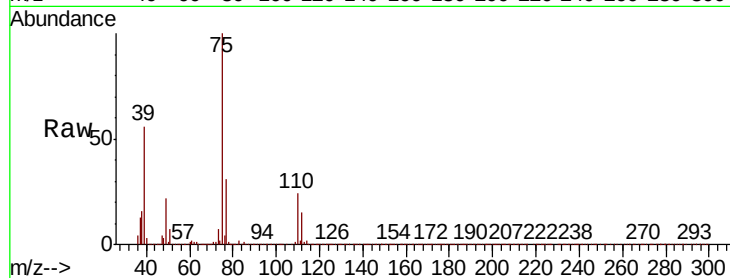
ClientSampleId :

Tot Ion: 75 Resp: 979611

Ion Ratio Lower Upper

75 100

77 31.2 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 48.894 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

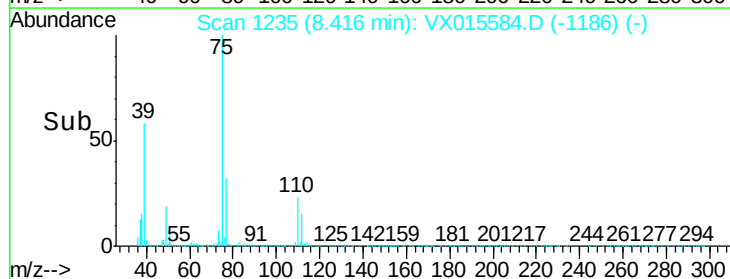
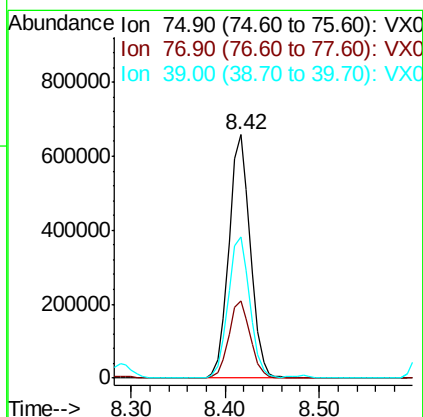
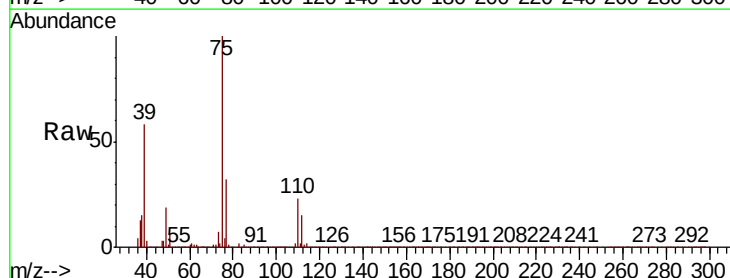
Tgt Ion: 75 Resp: 1033221

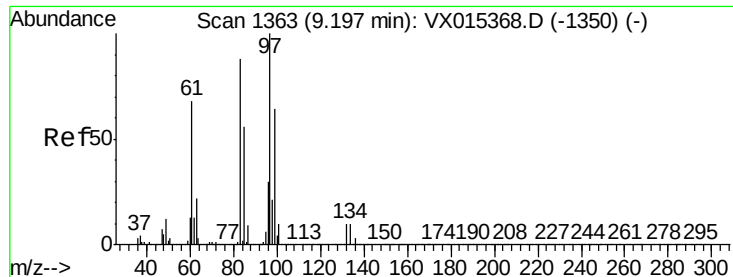
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 58.1 49.0 73.4

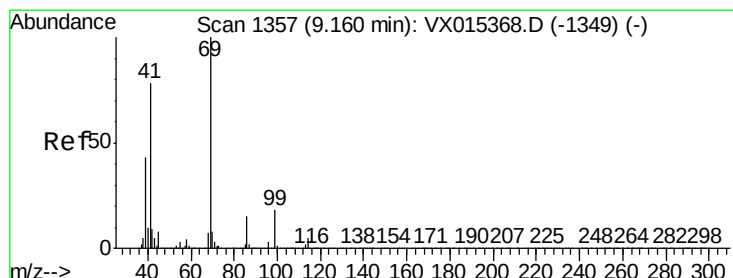
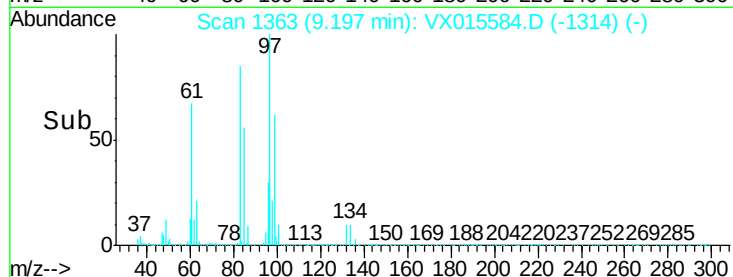
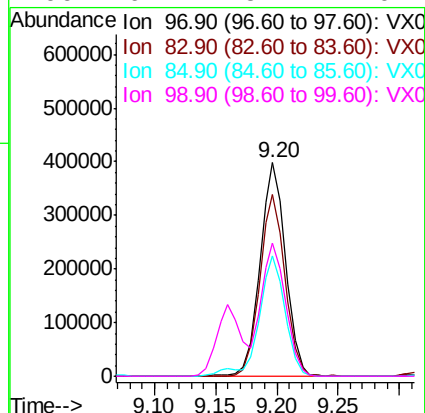
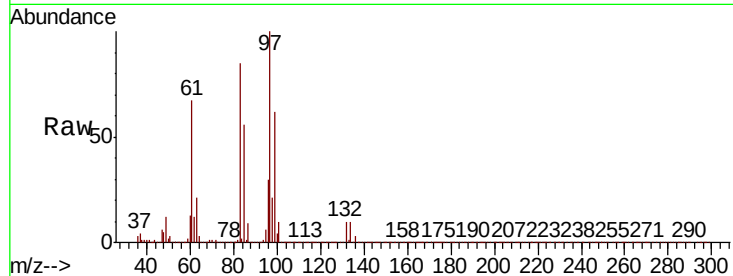




#55
 1,1,2-Trichloroethane
 Concen: 49.360 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

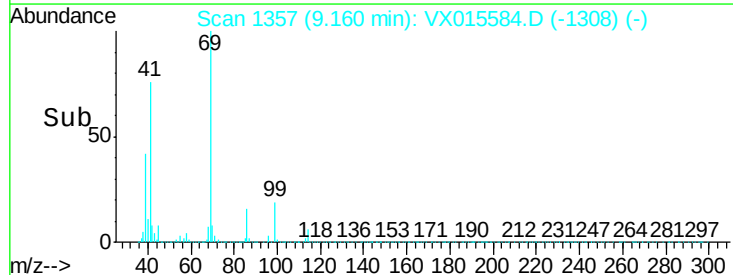
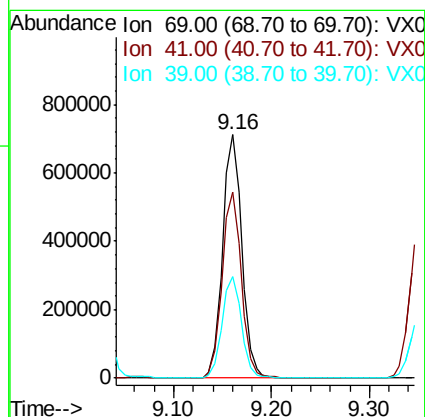
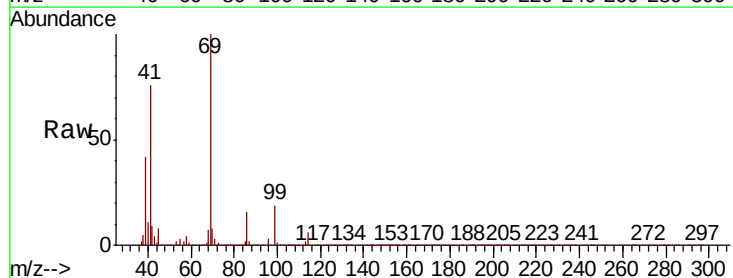
Instrument :
 MSVOA_X
 ClientSampleId :

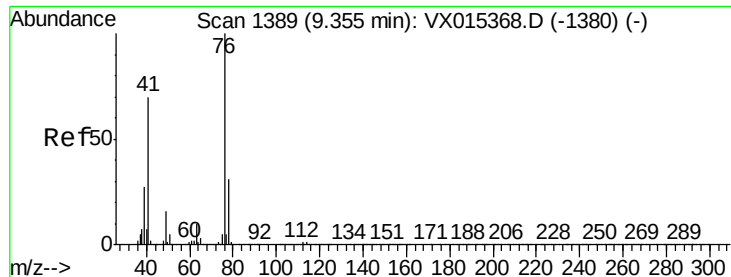
Tot Ion:	97	Resp:	576756
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.4
85	56.1	44.7	67.1
99	62.4	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 47.126 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion:	69	Resp:	970454
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.6	92.4
39	41.8	34.0	51.0





#57

1,3-Dichloropropane

Concen: 47.695 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

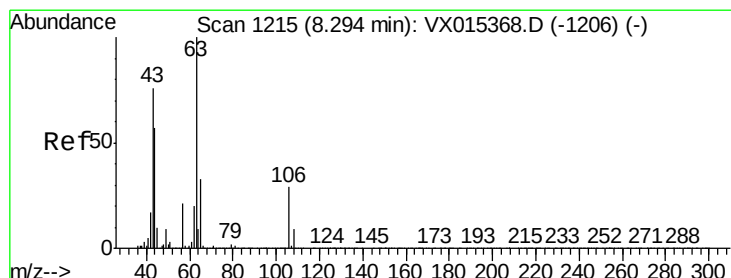
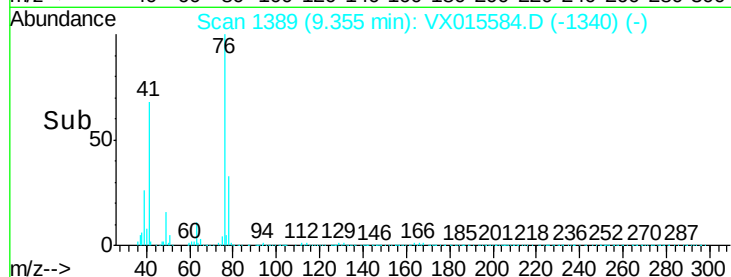
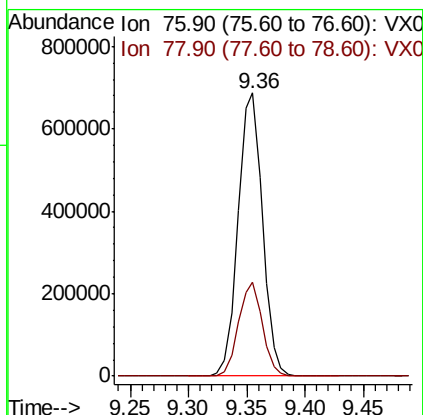
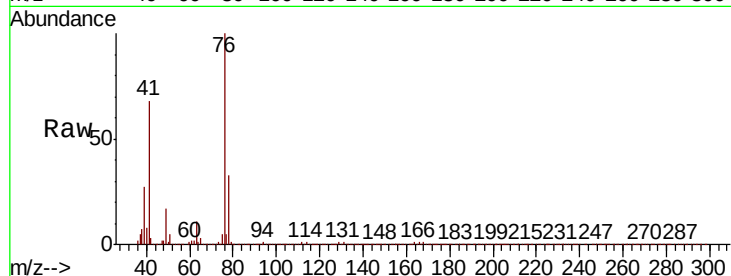
ClientSampleId :

Tot Ion: 76 Resp: 1004086

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.075 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015584.D

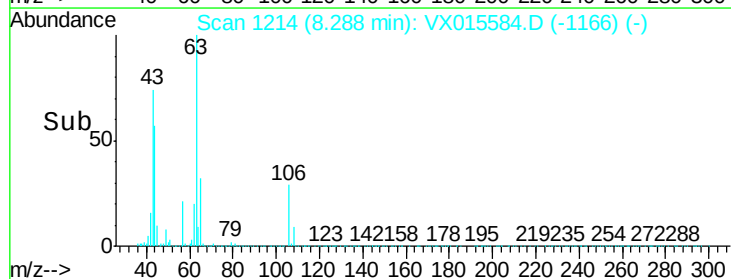
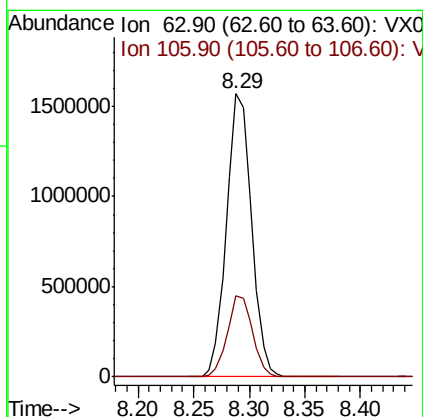
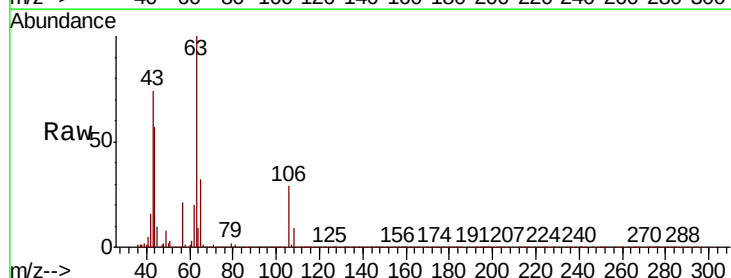
Acq: 09 Apr 2020 10:24

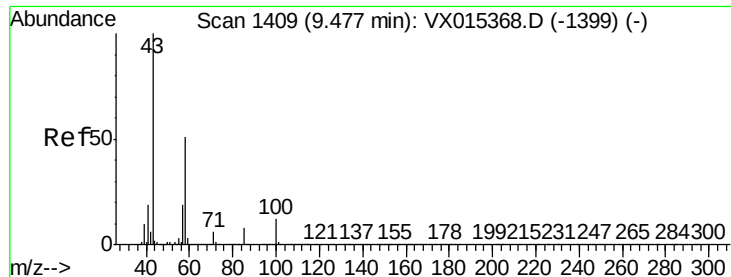
Tgt Ion: 63 Resp: 2444751

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1

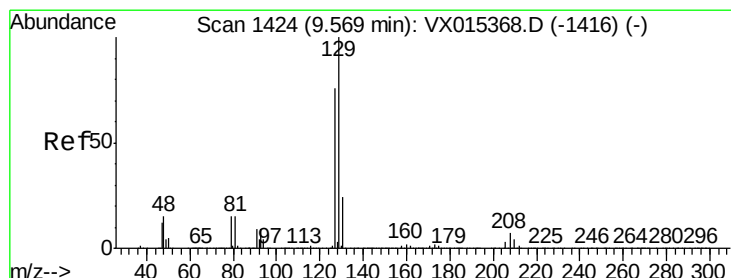
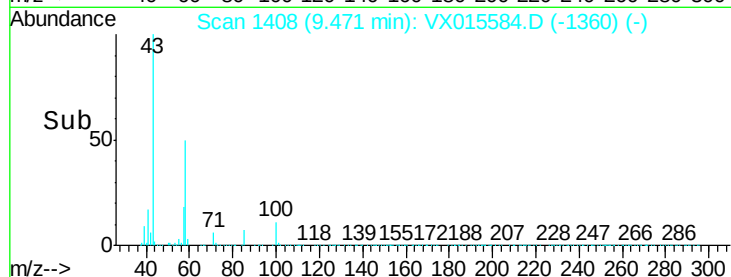
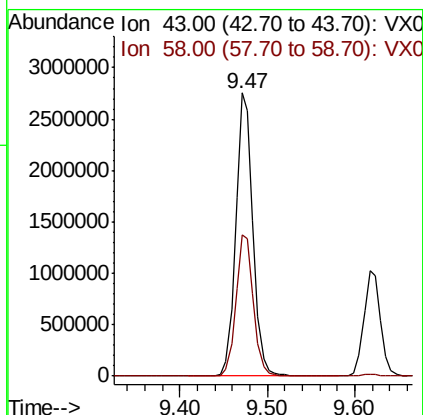
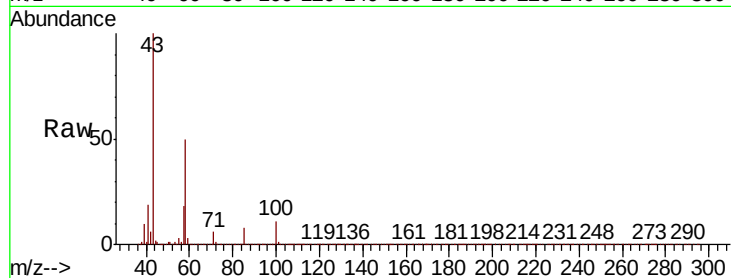




#59
2-Hexanone
Concen: 253.540 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

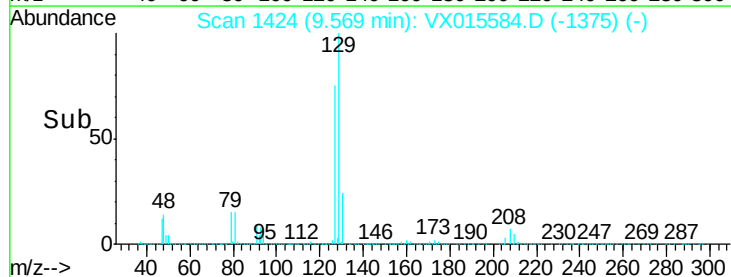
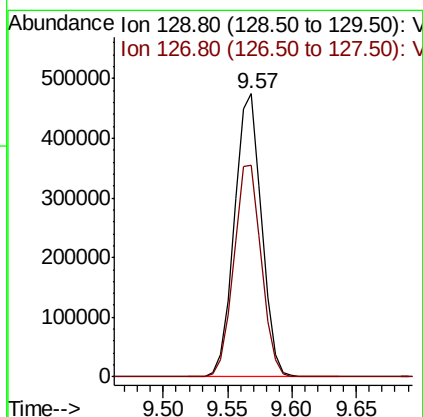
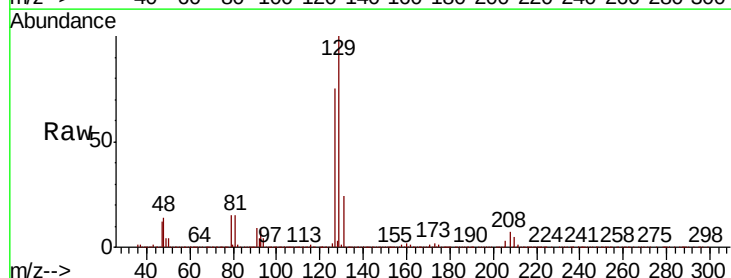
Instrument :
MSVOA_X
ClientSampleId :

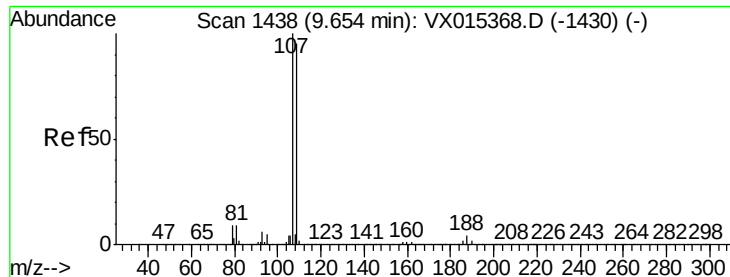
Tot Ion: 43 Resp: 3765463
Ion Ratio Lower Upper
43 100
58 50.8 25.6 76.6



#60
Dibromochloromethane
Concen: 49.506 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:129 Resp: 695103
Ion Ratio Lower Upper
129 100
127 76.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.371 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

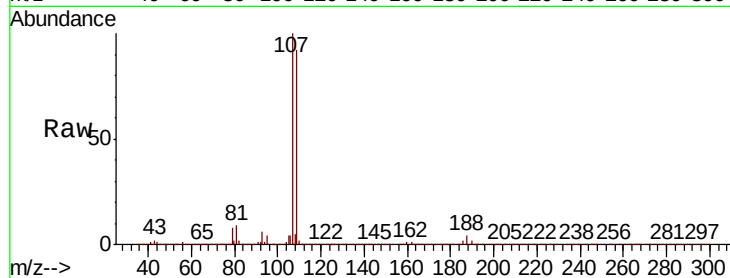
ClientSampled :

Tot Ion:107 Resp: 614560

Ion Ratio Lower Upper

107 100

109 93.9 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

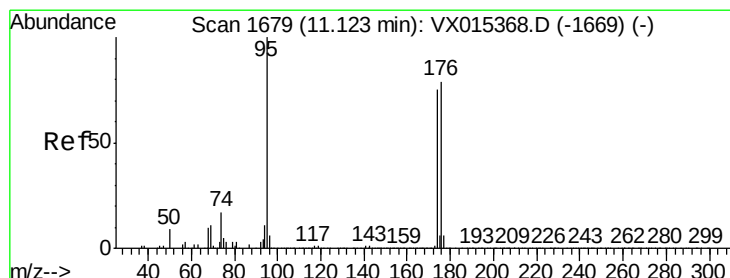
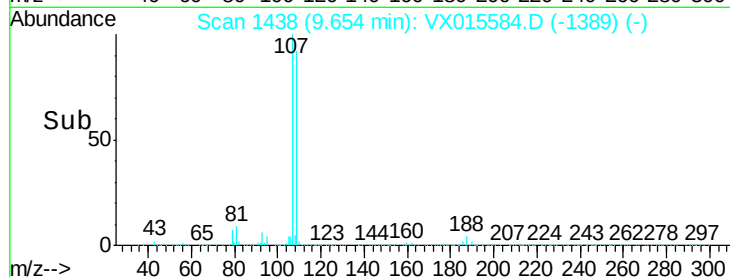
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.292 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

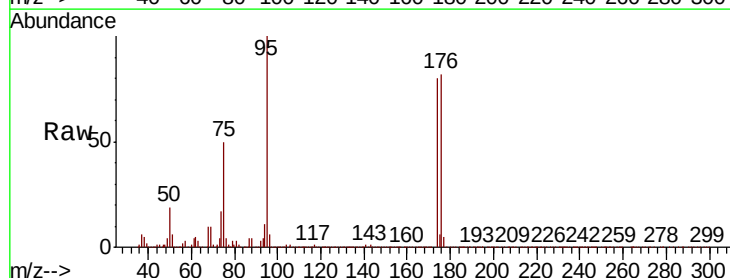
Tgt Ion: 95 Resp: 791636

Ion Ratio Lower Upper

95 100

174 81.5 0.0 158.6

176 80.8 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

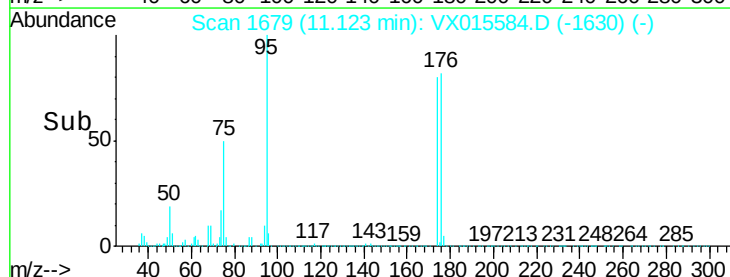
600000

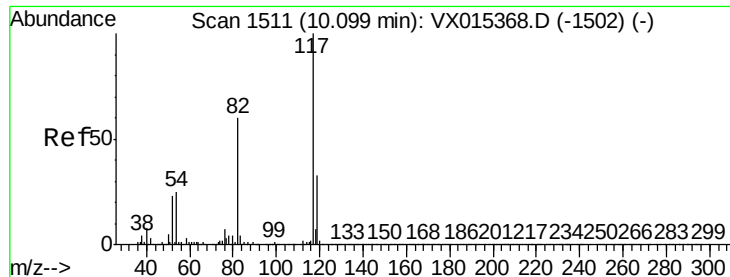
400000

200000

0

Time-->

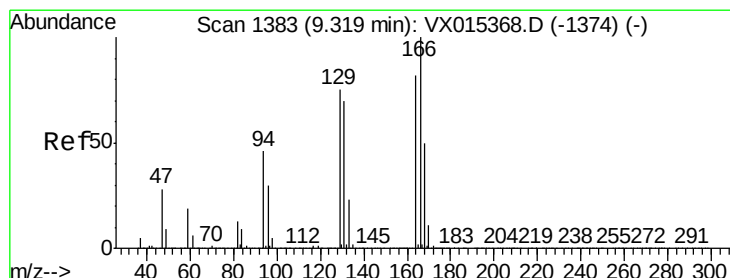
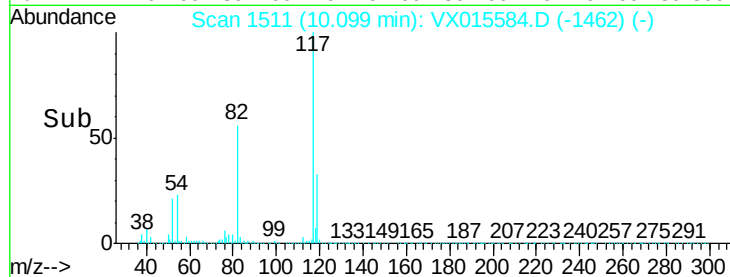
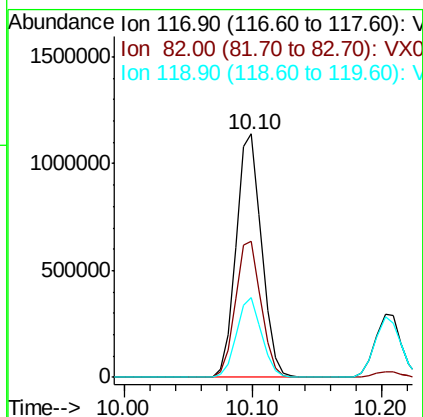
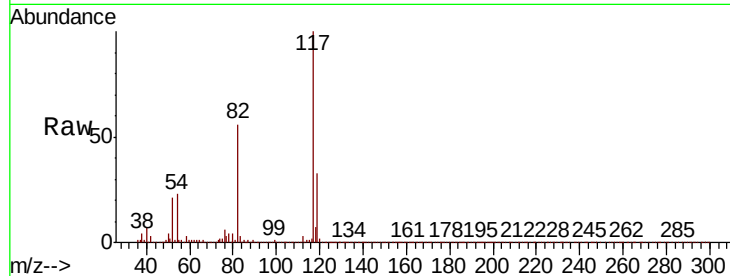




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

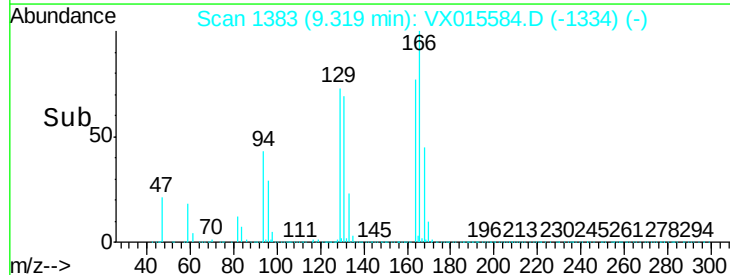
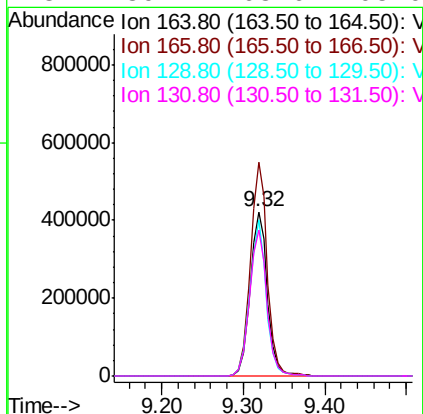
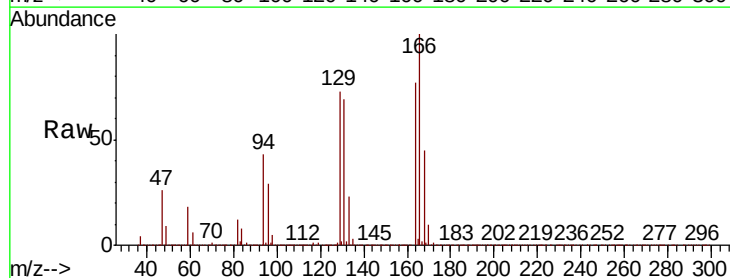
Instrument :
MSVOA_X
ClientSampled :

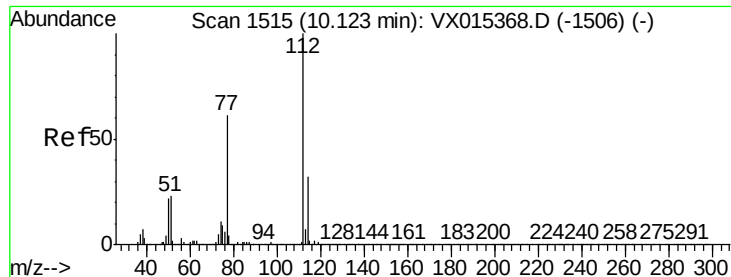
Tot Ion:117 Resp: 1562356
Ion Ratio Lower Upper
117 100
82 55.8 47.8 71.8
119 32.5 26.8 40.2



#64
Tetrachloroethene
Concen: 52.613 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:164 Resp: 620350
Ion Ratio Lower Upper
164 100
166 130.3 97.8 146.6
129 95.0 73.0 109.4
131 89.2 68.6 103.0

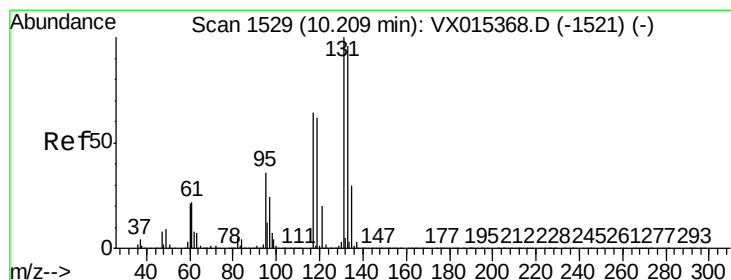
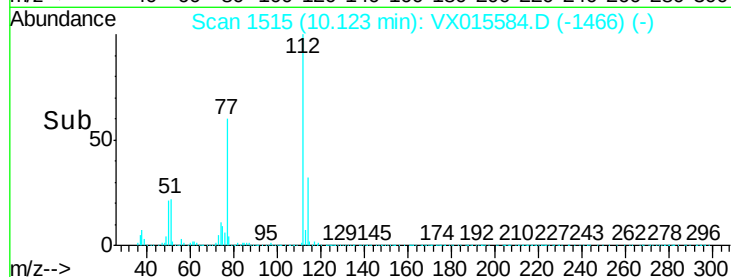
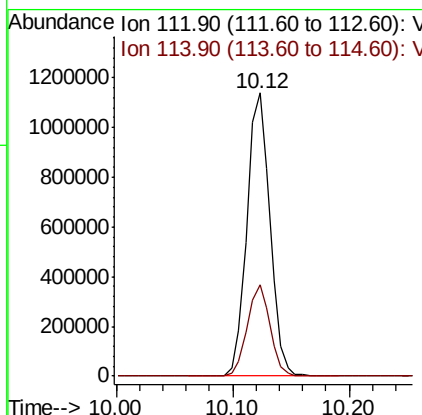
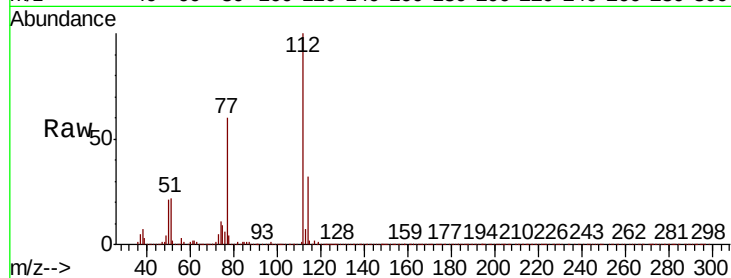




#65
Chlorobenzene
Concen: 50.547 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

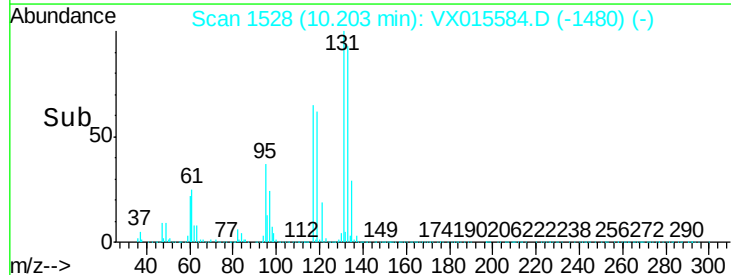
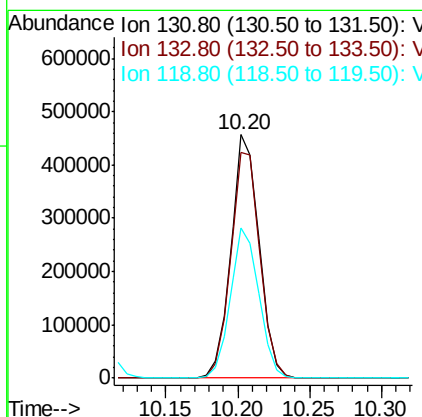
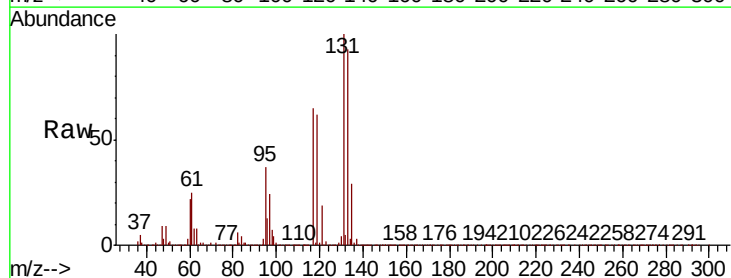
Instrument :
MSVOA_X
ClientSampleId :

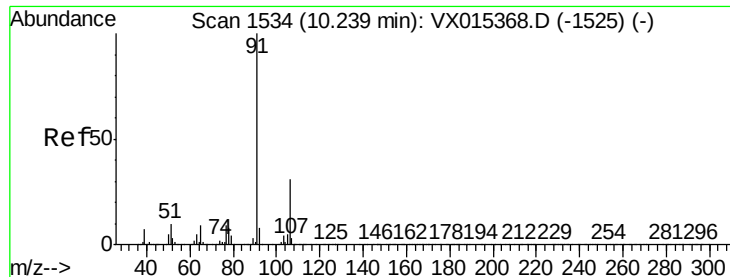
Tot Ion:112 Resp: 1574938
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.213 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:131 Resp: 625048
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 62.5 31.1 93.3





#67

Ethyl Benzene

Concen: 51.189 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

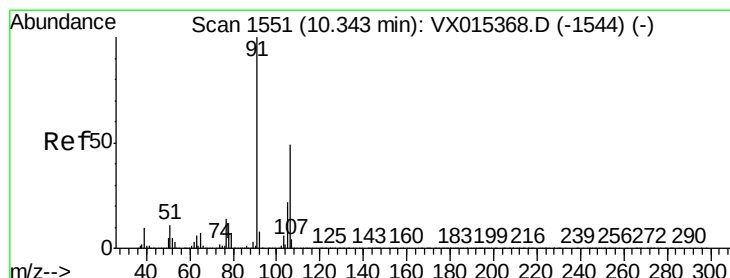
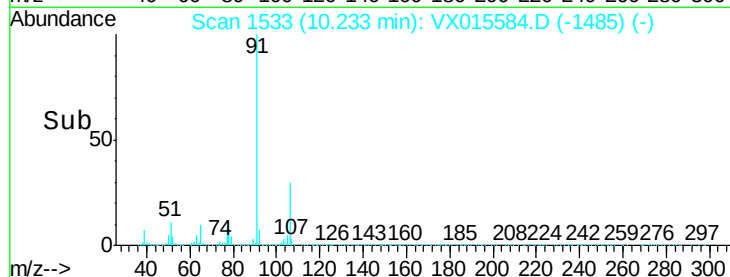
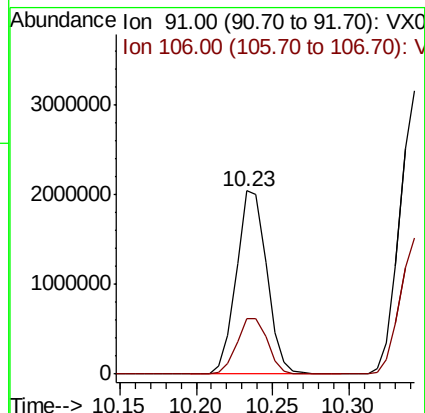
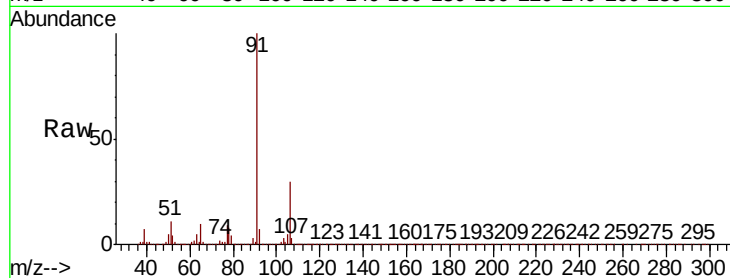
ClientSampleId :

Tot Ion: 91 Resp: 2828809

Ion Ratio Lower Upper

91 100

106 30.1 24.8 37.2



#68

m/p-Xylenes

Concen: 103.257 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015584.D

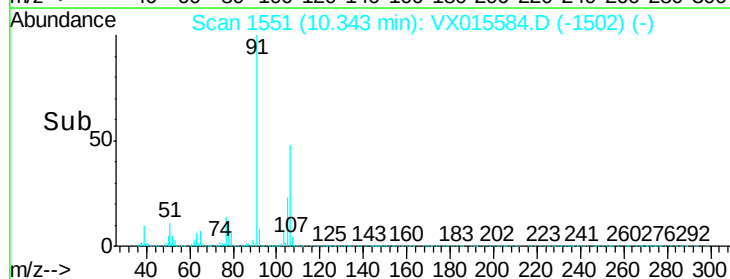
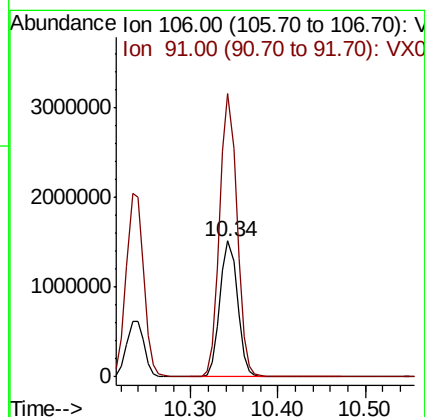
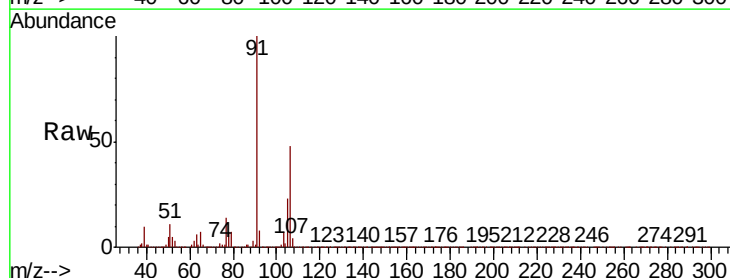
Acq: 09 Apr 2020 10:24

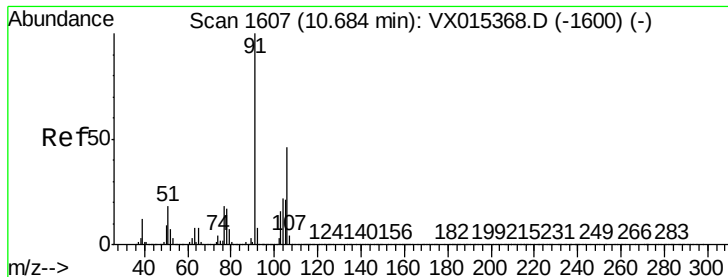
Tgt Ion: 106 Resp: 2124783

Ion Ratio Lower Upper

106 100

91 203.4 163.4 245.0

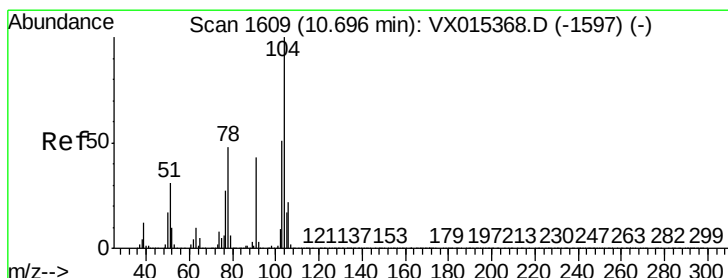
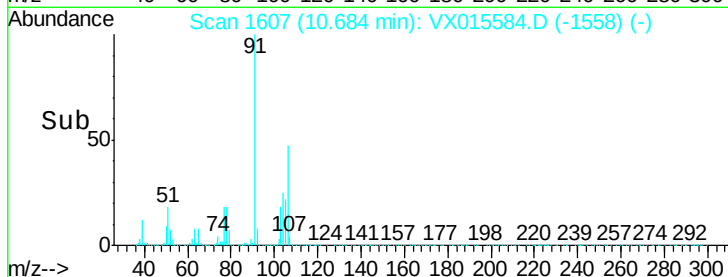
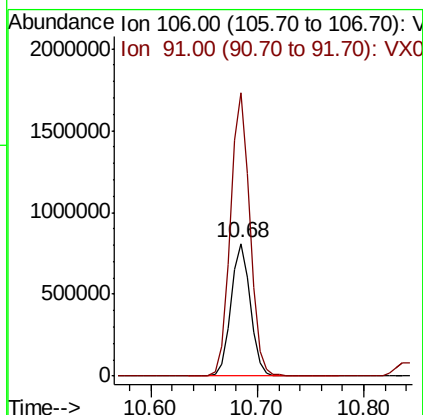
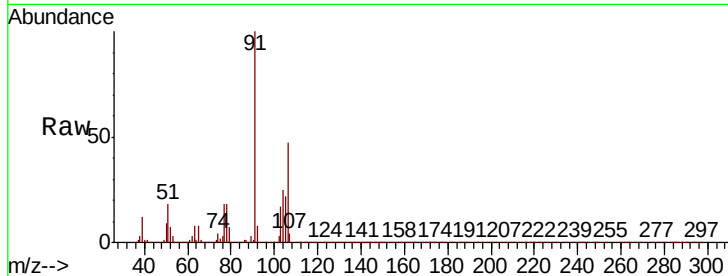




#69
o-Xylene
Concen: 50.819 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

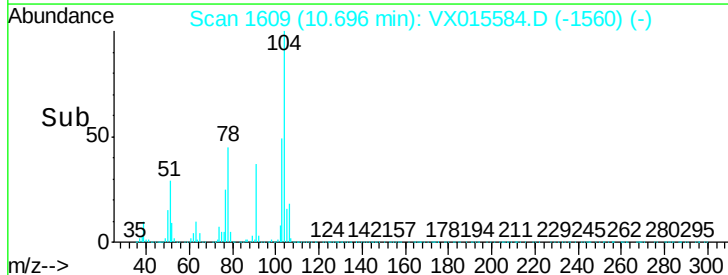
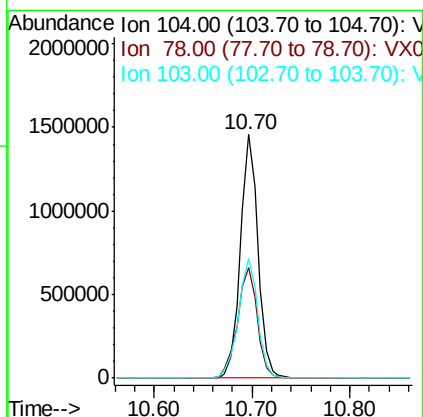
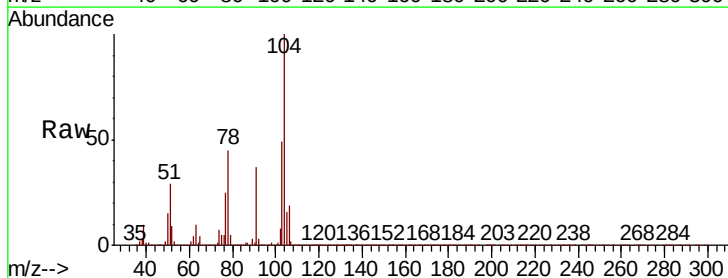
Instrument :
MSVOA_X
ClientSampleId :

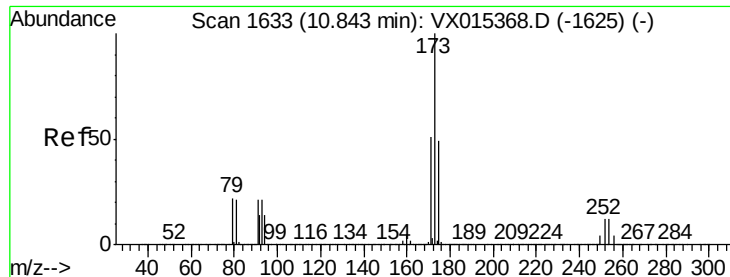
Tot Ion:106 Resp: 1033349
Ion Ratio Lower Upper
106 100
91 214.7 107.1 321.3



#70
Styrene
Concen: 50.791 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:104 Resp: 1817370
Ion Ratio Lower Upper
104 100
78 51.5 42.0 63.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 49.927 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampled :

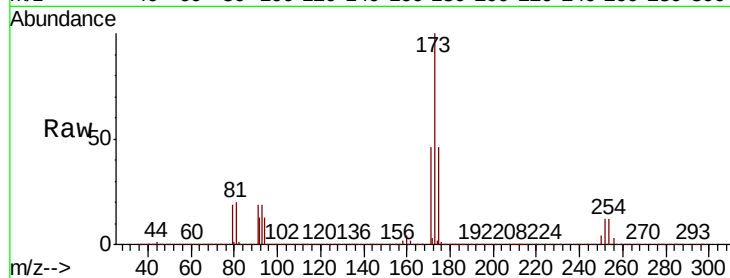
Tot Ion:173 Resp: 565763

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.7

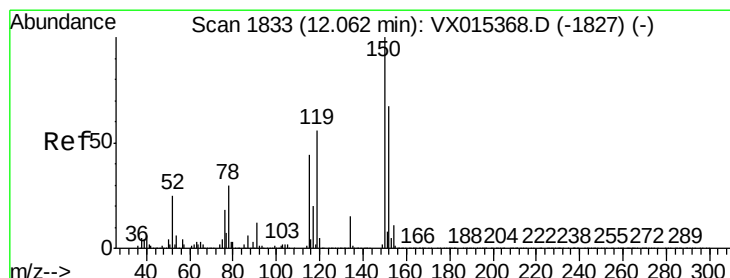
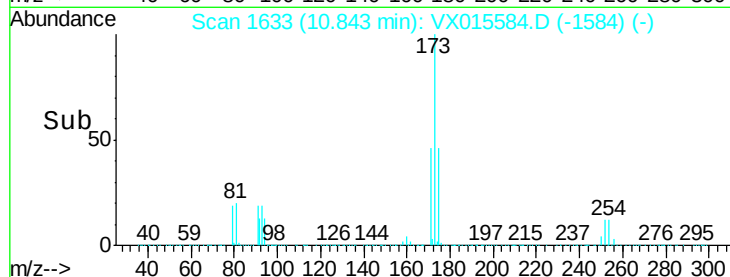
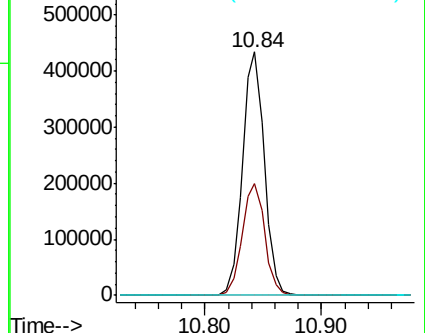
254 0.2 0.1 0.1#



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: VX015584.D

Acq: 09 Apr 2020 10:24

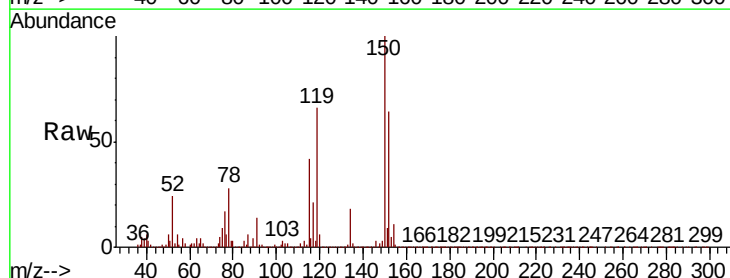
Tgt Ion:152 Resp: 841603

Ion Ratio Lower Upper

152 100

115 80.1 39.0 116.9

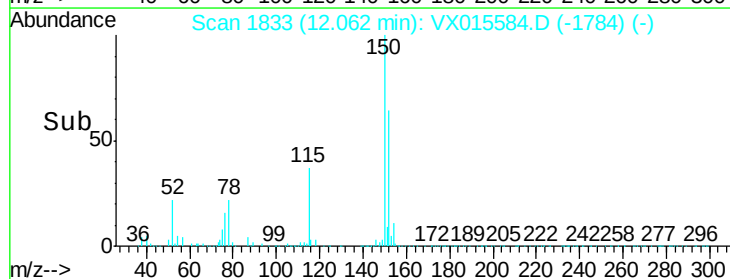
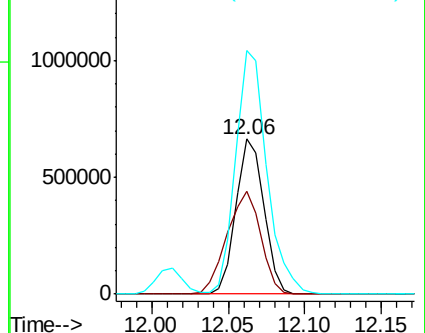
150 175.4 0.0 340.8

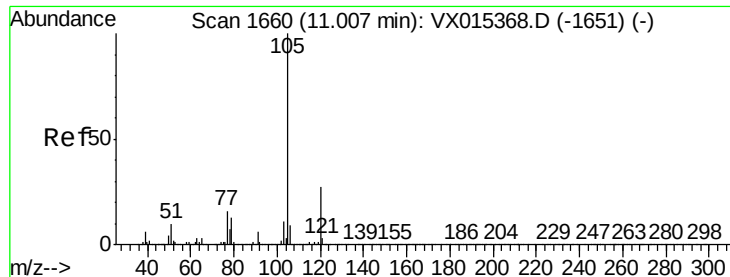


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.924 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

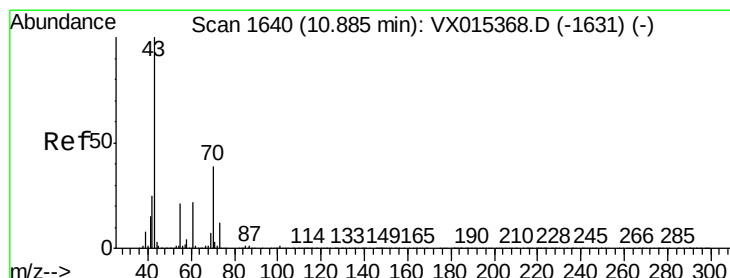
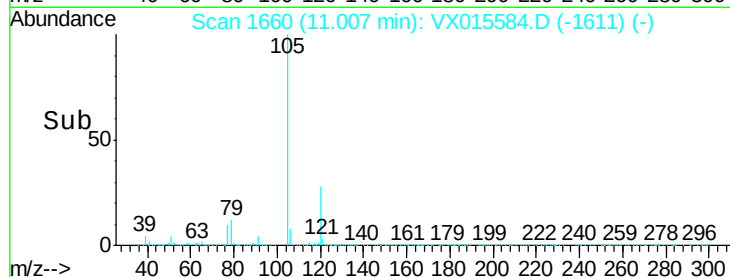
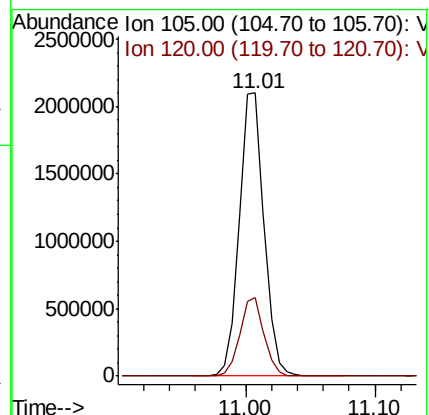
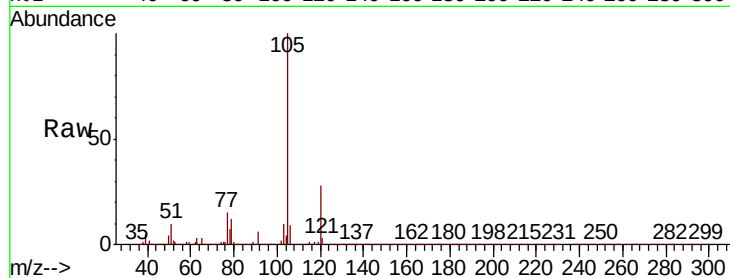
ClientSampleId :

Tot Ion:105 Resp: 2808135

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



#74

N-ethyl acetate

Concen: 45.006 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tgt Ion: 43 Resp: 1380319

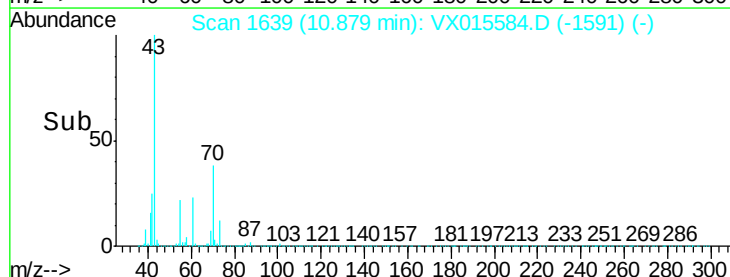
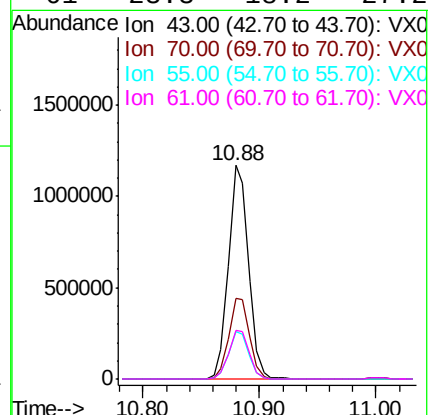
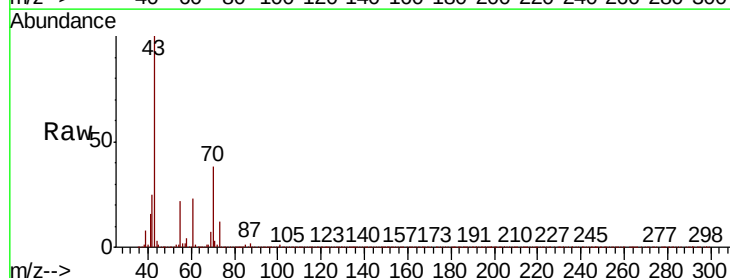
Ion Ratio Lower Upper

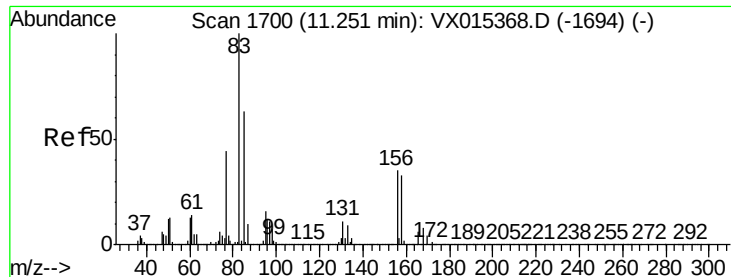
43 100

70 39.1 30.2 45.4

55 22.3 16.8 25.2

61 23.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.783 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

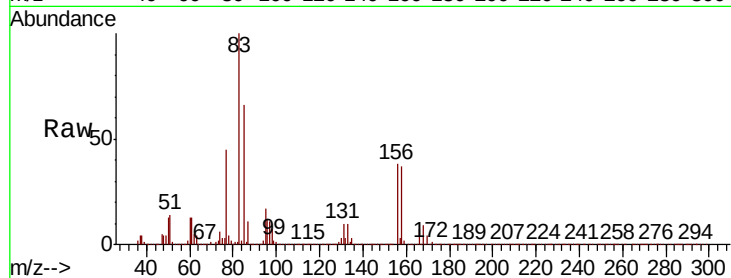
Tot Ion: 83 Resp: 866301

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

85 65.2 32.0 96.0

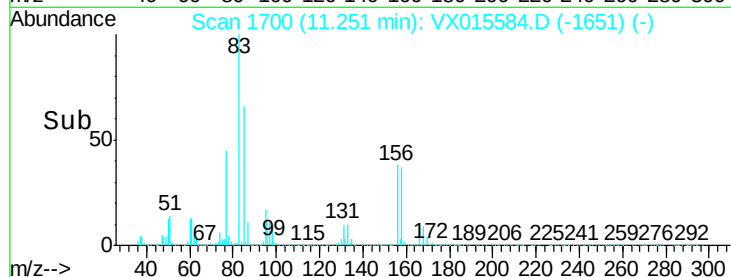


Abundance Ion 82.90 (82.60 to 83.60): VX015584.D (-1651) (-)

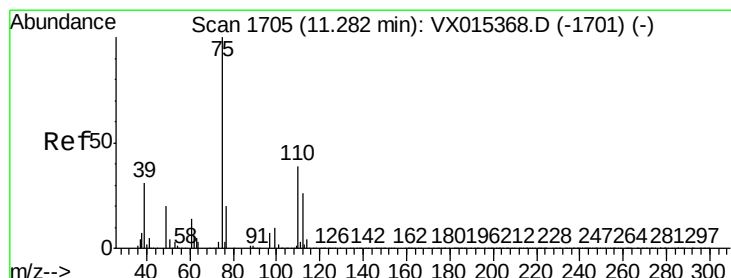
Ion 130.80 (130.50 to 131.50): VX015584.D (-1651) (-)

Ion 84.90 (84.60 to 85.60): VX015584.D (-1651) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 62.824 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015584.D

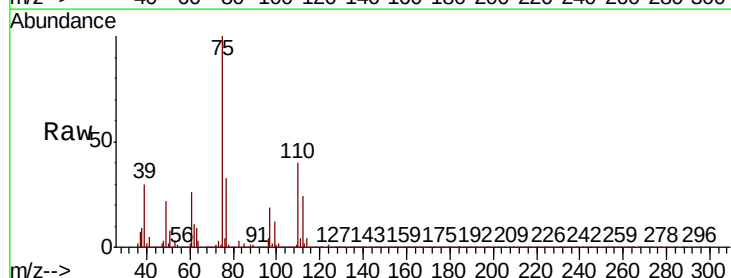
Acq: 09 Apr 2020 10:24

Tgt Ion: 75 Resp: 1087291

Ion Ratio Lower Upper

75 100

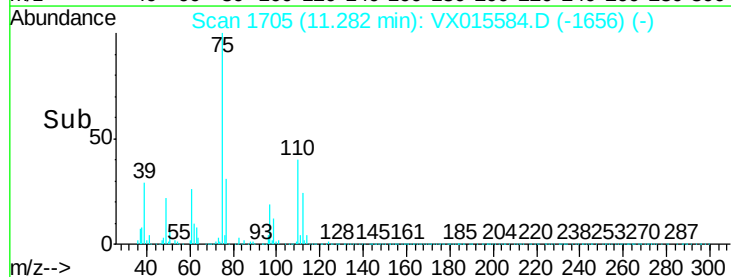
77 31.2 21.2 63.6



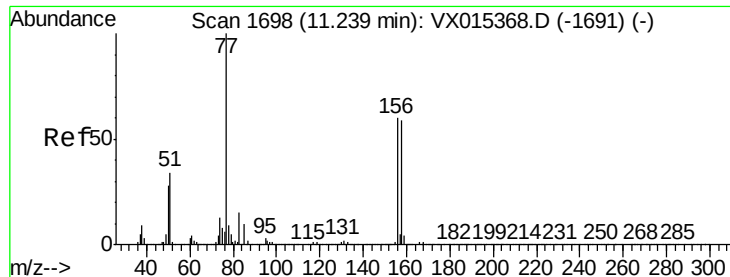
Abundance Ion 74.90 (74.60 to 75.60): VX015584.D (-1656) (-)

Ion 77.00 (76.70 to 77.70): VX015584.D (-1656) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 50.338 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

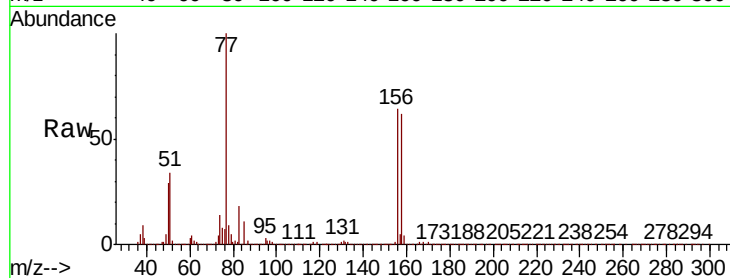
Tot Ion:156 Resp: 740415

Ion Ratio Lower Upper

156 100

77 156.1 82.2 246.5

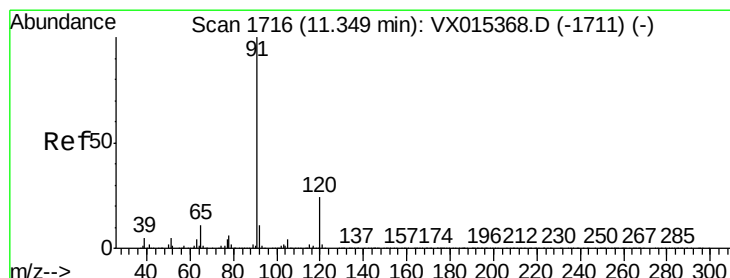
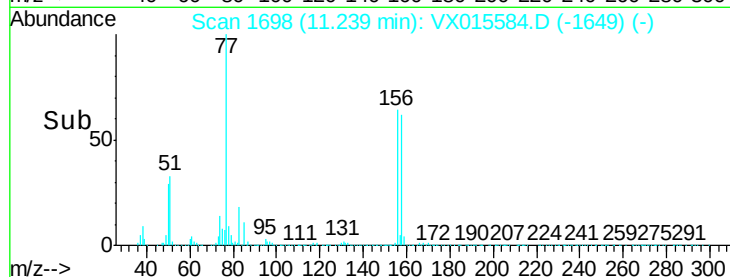
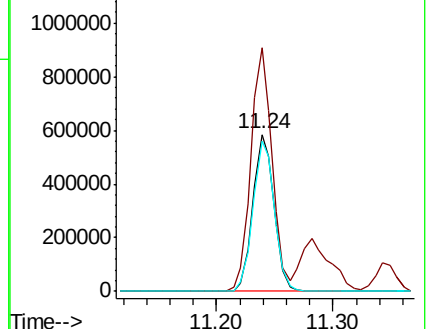
158 97.1 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.930 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015584.D

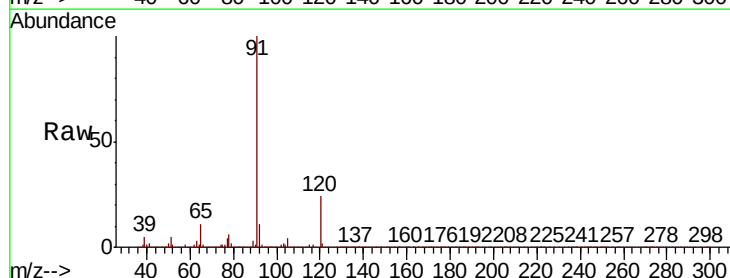
Acq: 09 Apr 2020 10:24

Tgt Ion: 91 Resp: 3211356

Ion Ratio Lower Upper

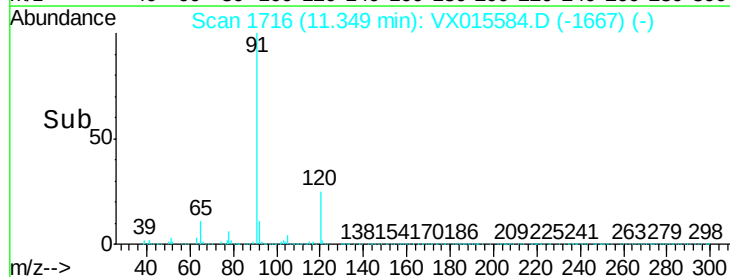
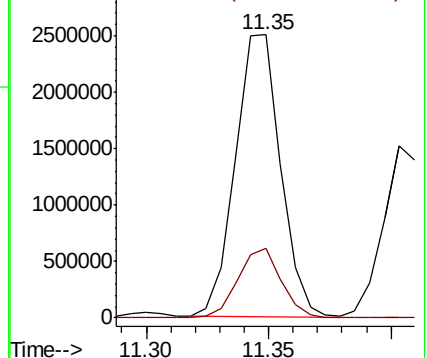
91 100

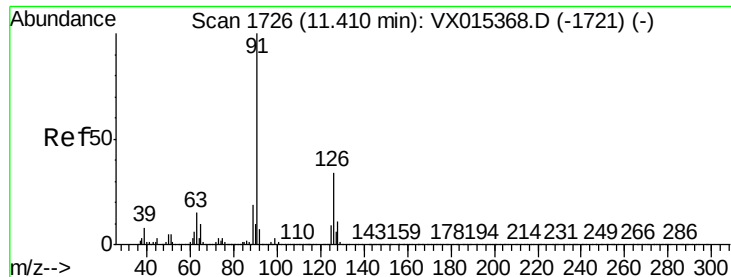
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

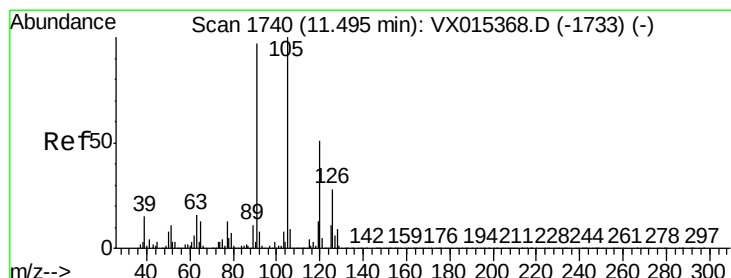
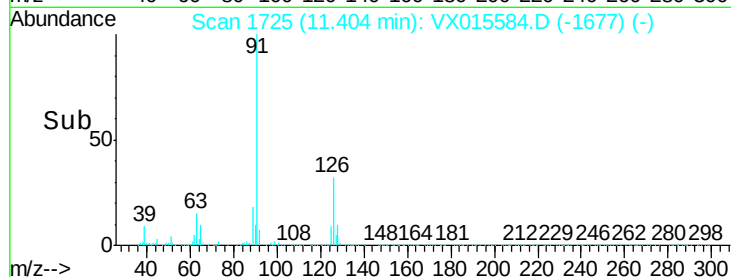
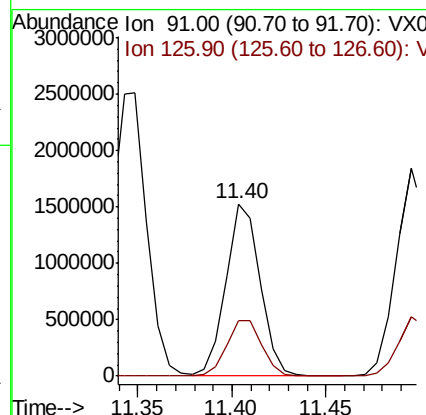
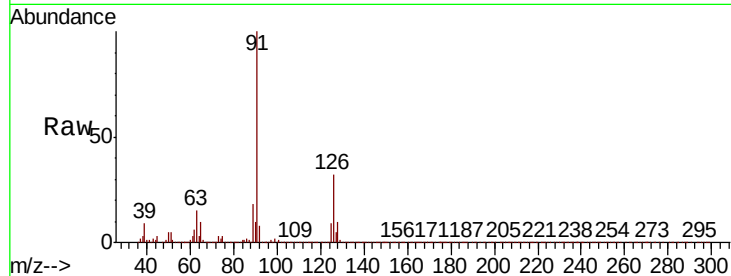




#79
 2-Chlorotoluene
 Concen: 49.450 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

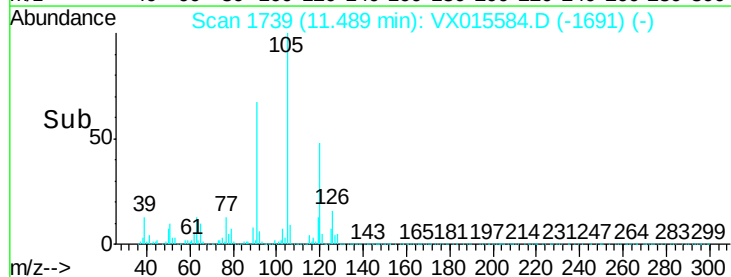
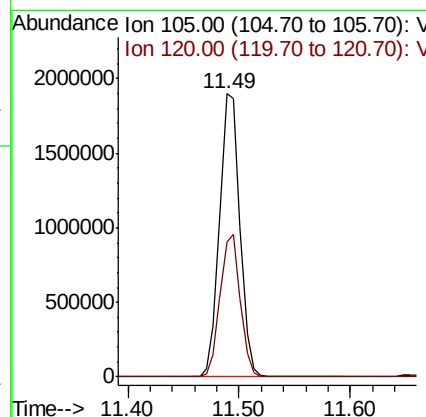
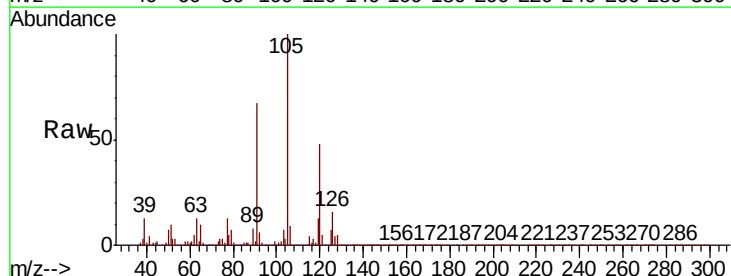
Instrument :
 MSVOA_X
 ClientSampled :

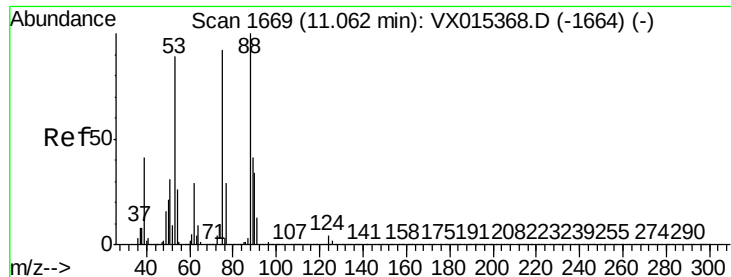
Tot Ion: 91 Resp: 1911144
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.033 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion: 105 Resp: 2403383
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.4

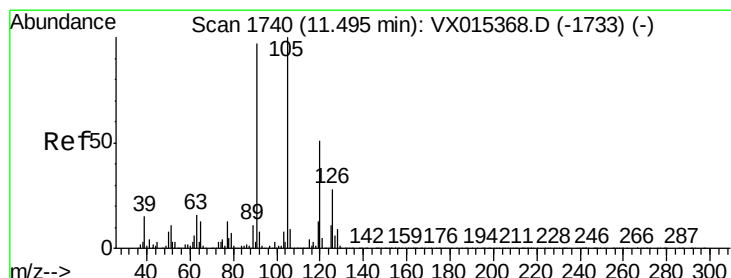
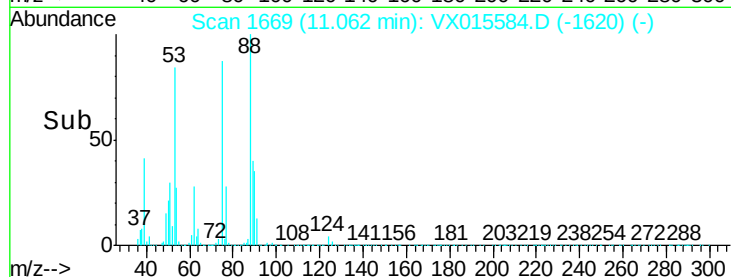
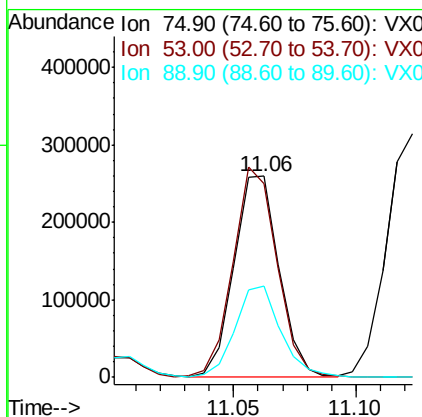
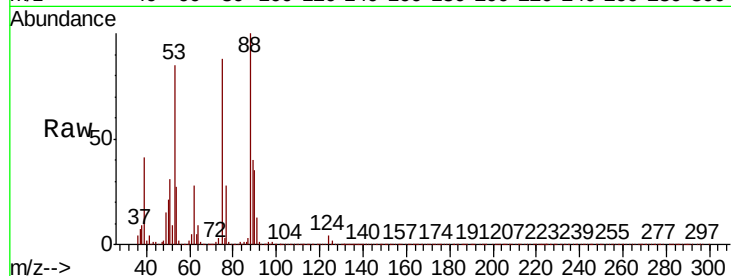




#81
trans-1,4-Dichloro-2-butene
Concen: 45.746 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

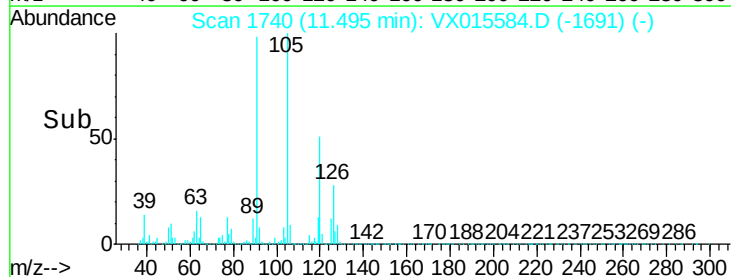
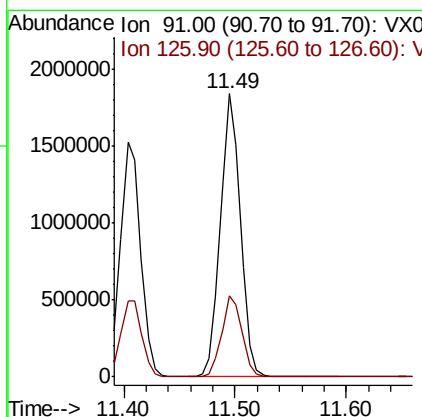
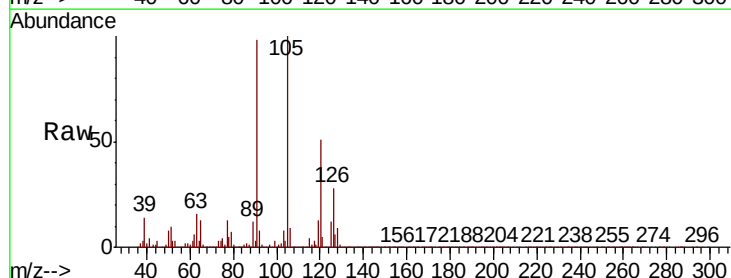
Instrument :
MSVOA_X
ClientSampleId :

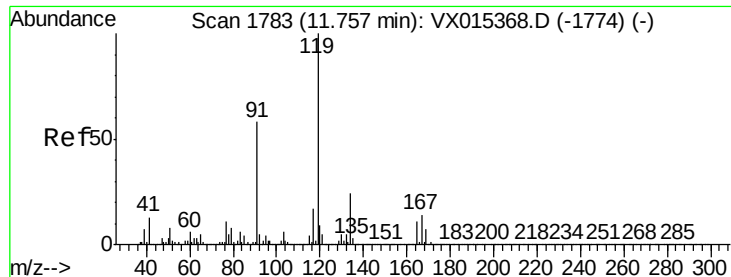
Tot Ion: 75 Resp: 329960
Ion Ratio Lower Upper
75 100
53 101.9 80.1 120.1
89 46.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 50.425 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 91 Resp: 2284621
Ion Ratio Lower Upper
91 100
126 28.9 14.7 44.1

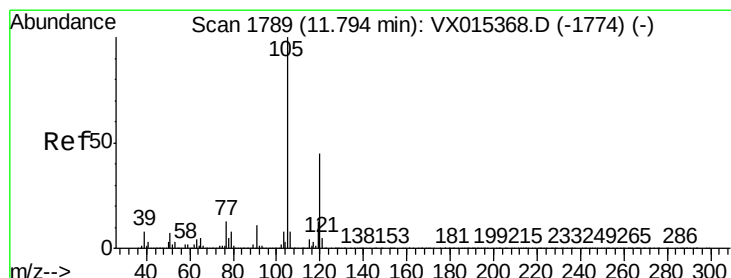
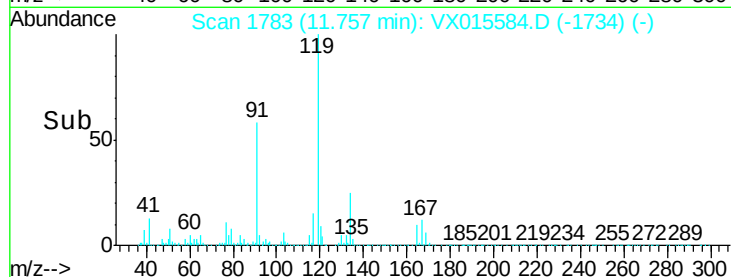
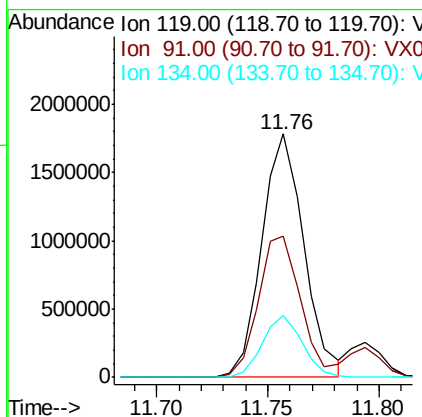
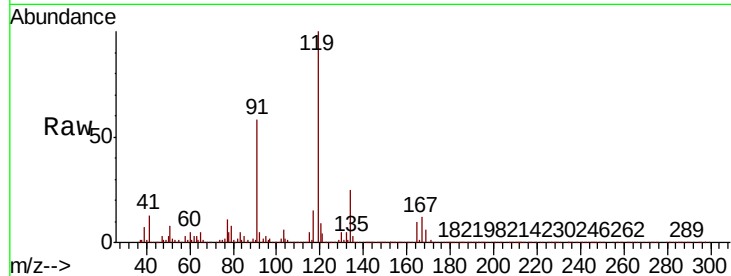




#83
 tert-Butylbenzene
 Concen: 51.034 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

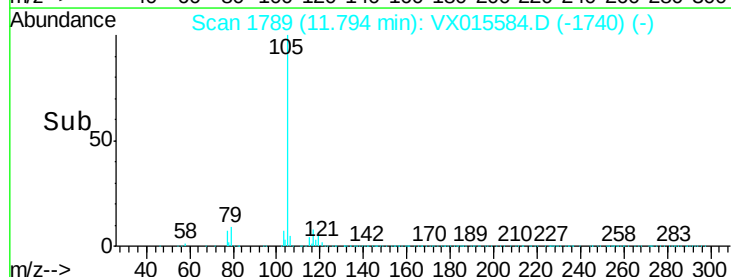
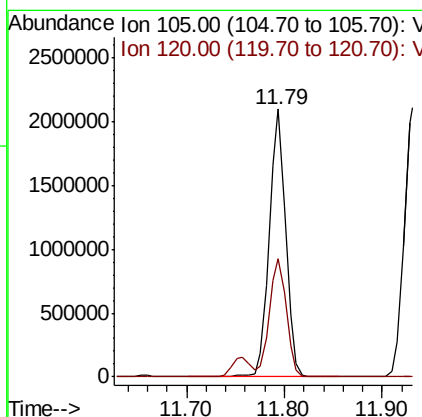
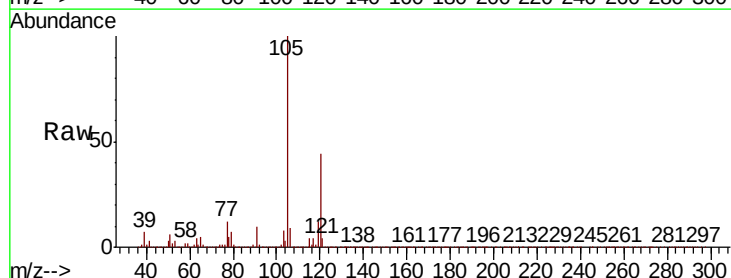
Instrument :
 MSVOA_X
 ClientSampleId :

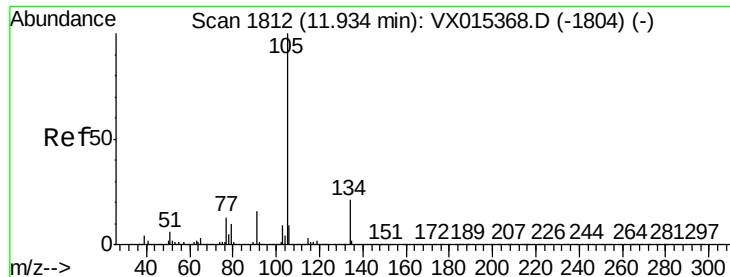
Tot Ion:119 Resp: 2347641
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.6 85.8
 134 23.9 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.797 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion:105 Resp: 2437807
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1

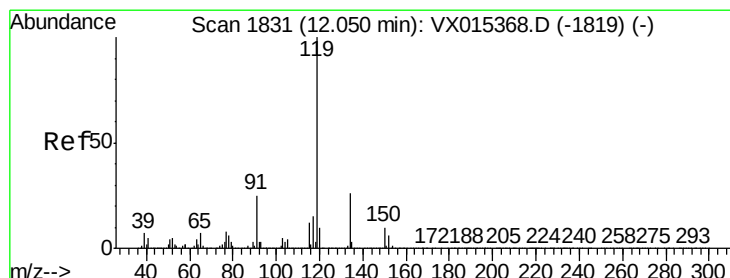
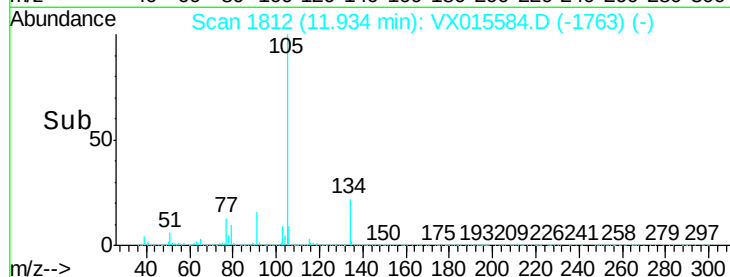
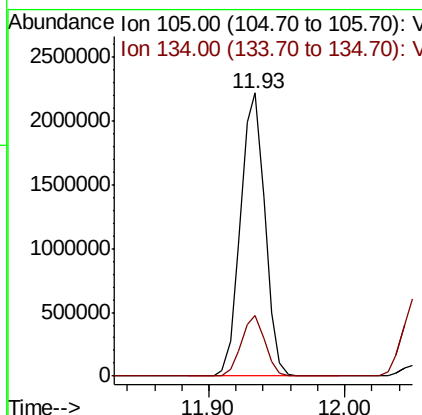
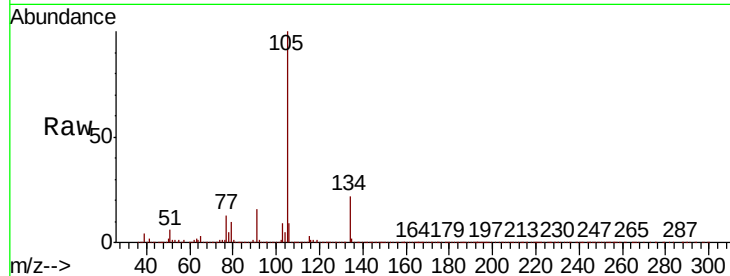




#85
 sec-Butylbenzene
 Concen: 52.095 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

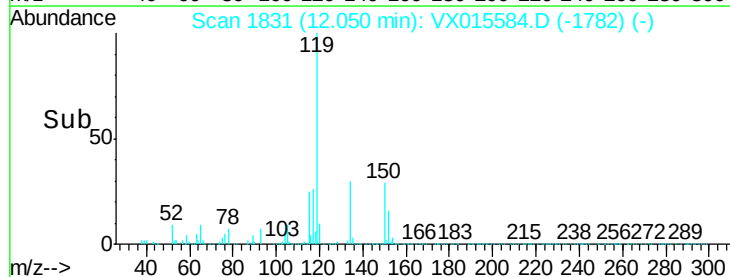
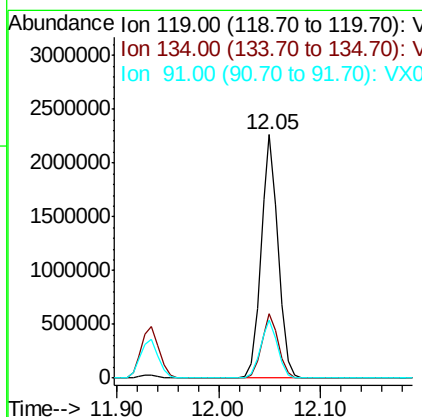
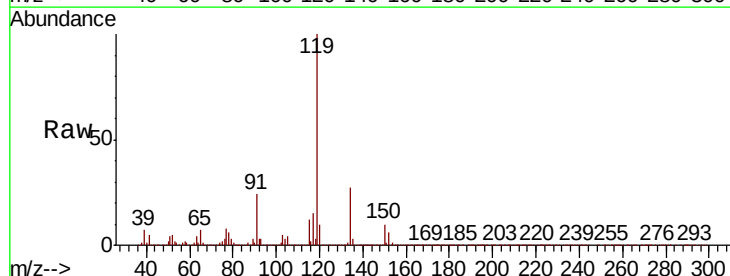
Instrument :
 MSVOA_X
 ClientSampleId :

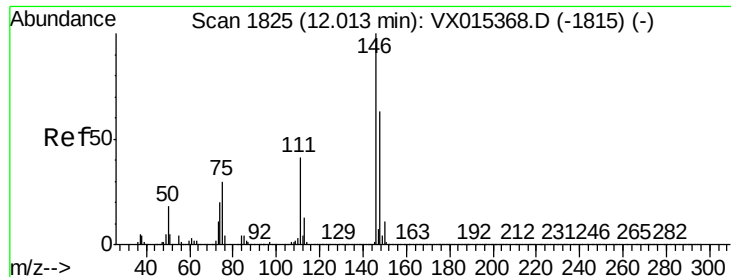
Tot Ion:105 Resp: 2771578
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 53.509 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion:119 Resp: 2642815
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.9 12.4 37.4

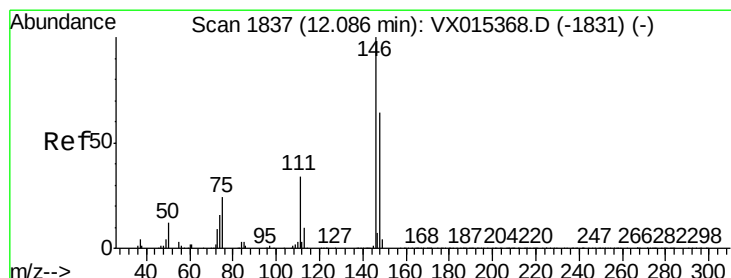
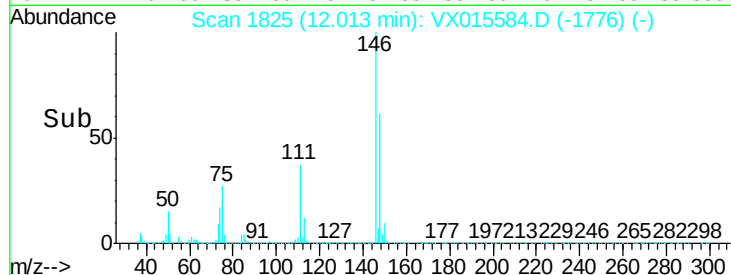
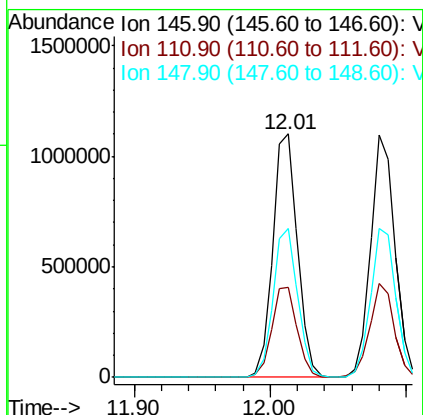
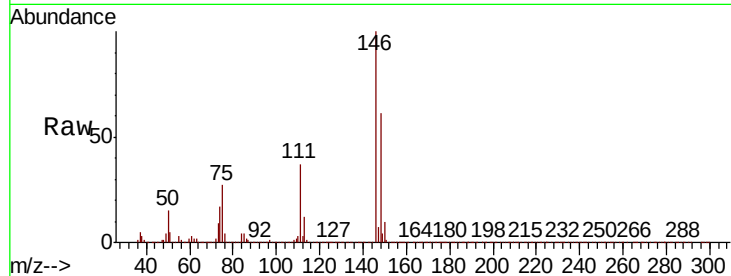




#87
 1,3-Dichlorobenzene
 Concen: 52.820 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

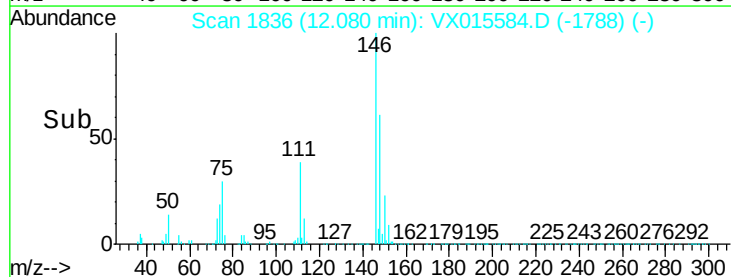
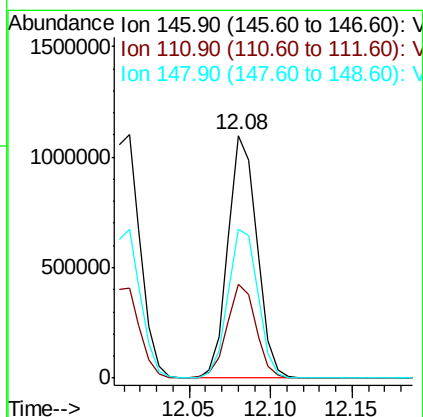
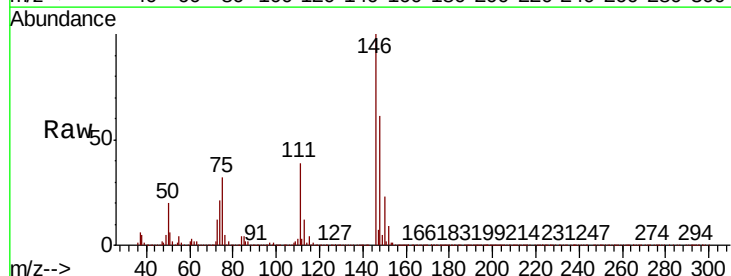
Instrument :
 MSVOA_X
 ClientSampled :

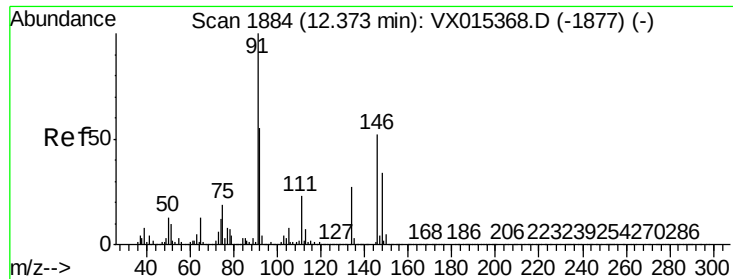
Tot Ion:146 Resp: 1390836
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.3 60.9
 148 60.8 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 50.436 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion:146 Resp: 1352768
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.5
 148 63.5 32.4 97.2

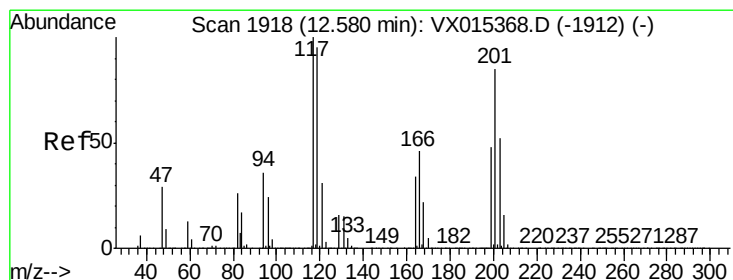
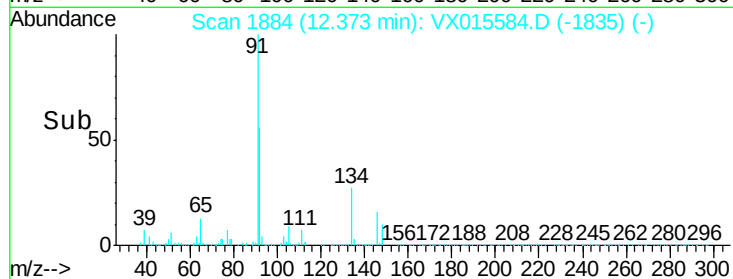
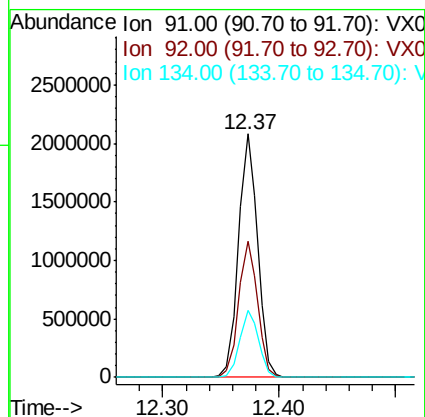
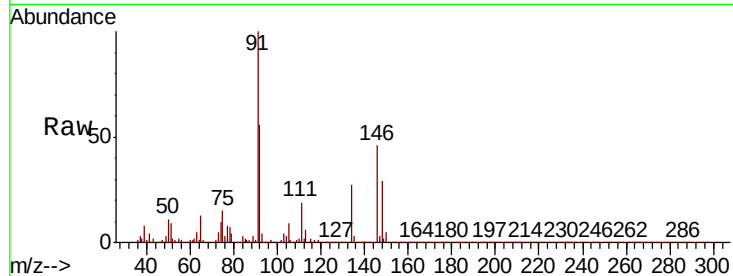




#89
n-Butylbenzene
Concen: 53.267 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

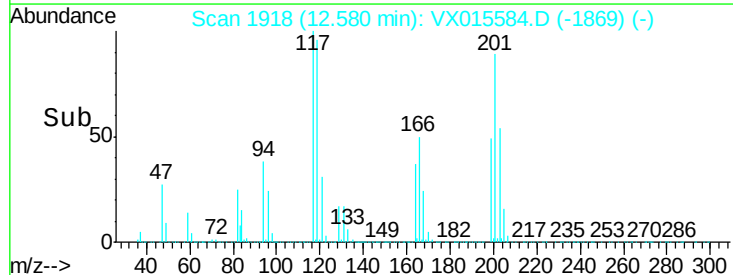
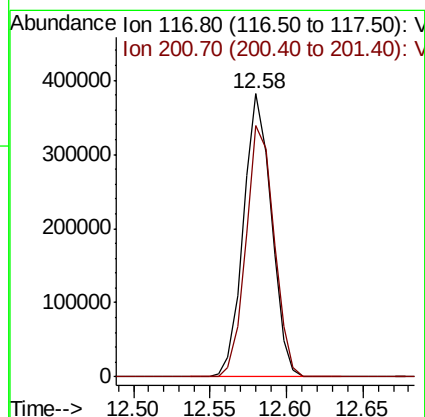
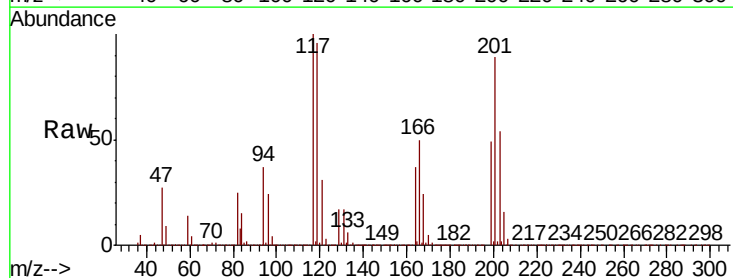
Instrument :
MSVOA_X
ClientSampleId :

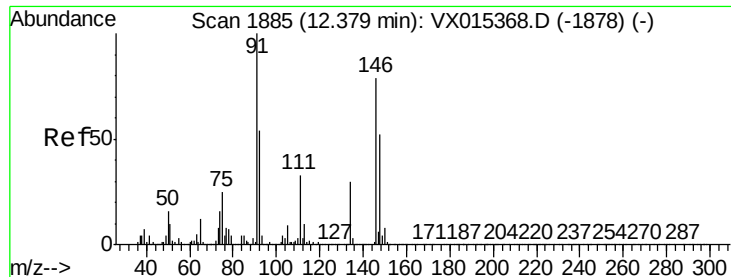
Tot Ion: 91 Resp: 2377438
Ion Ratio Lower Upper
91 100
92 55.5 27.2 81.5
134 27.3 13.4 40.2



#90
Hexachloroethane
Concen: 50.260 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 117 Resp: 483157
Ion Ratio Lower Upper
117 100
201 89.7 42.6 128.0

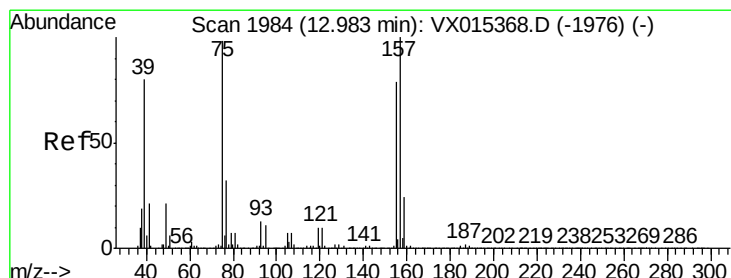
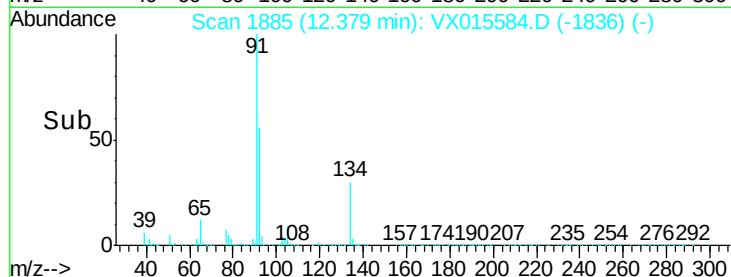
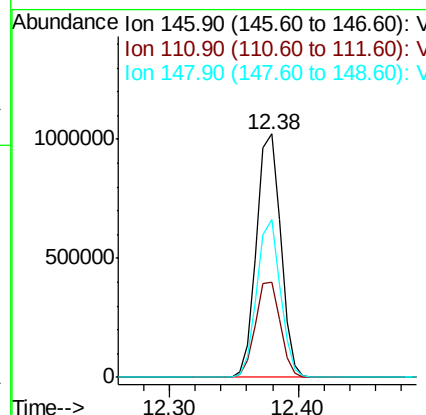
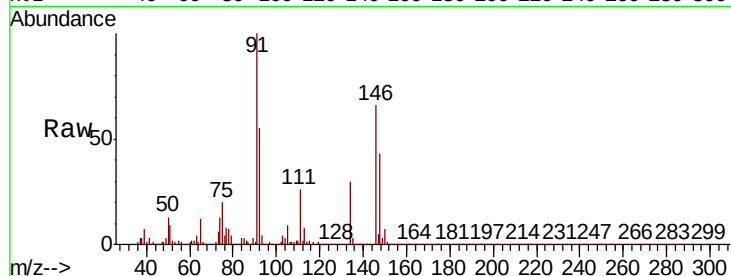




#91
 1,2-Dichlorobenzene
 Concen: 51.190 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

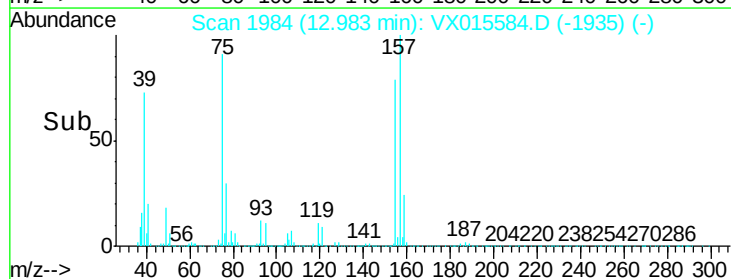
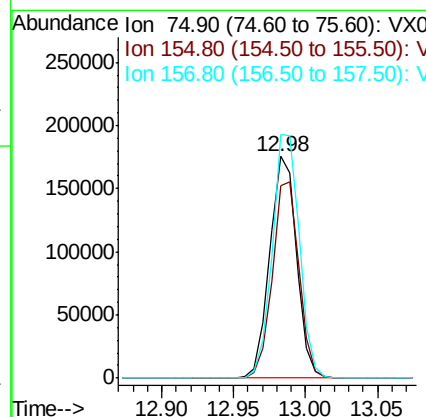
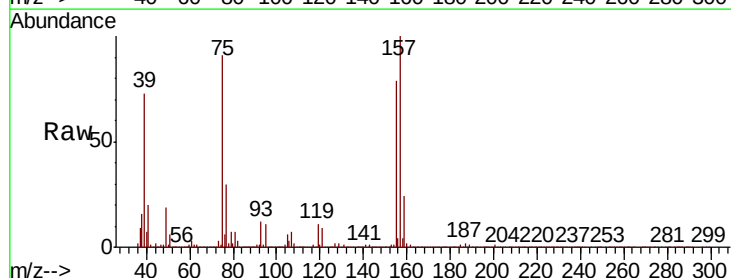
Instrument :
 MSVOA_X
 ClientSampleId :

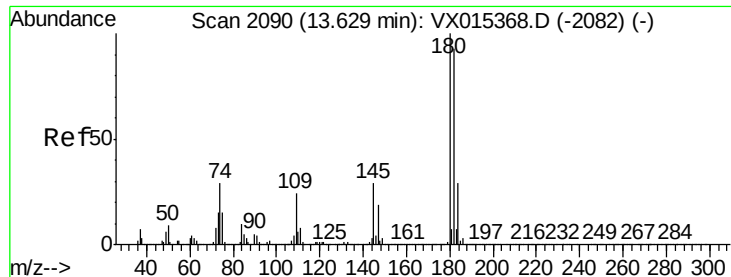
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.0	63.0
148	62.9	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.202 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	42.8	128.4
157	111.7	53.4	160.3

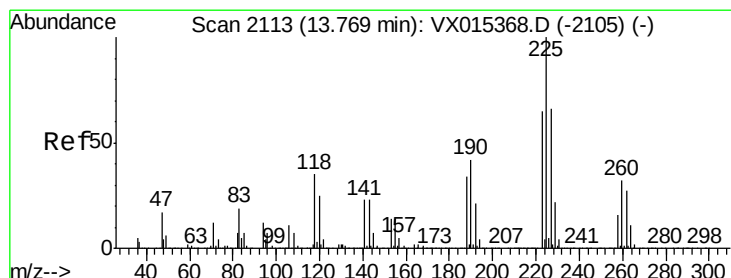
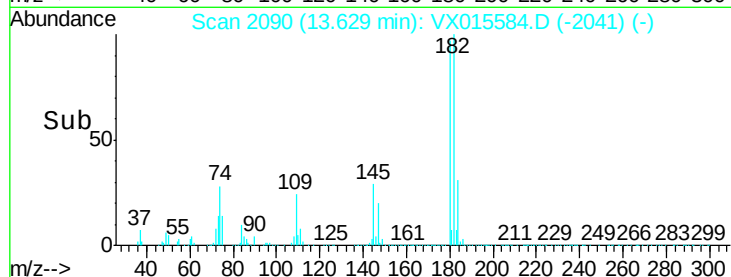
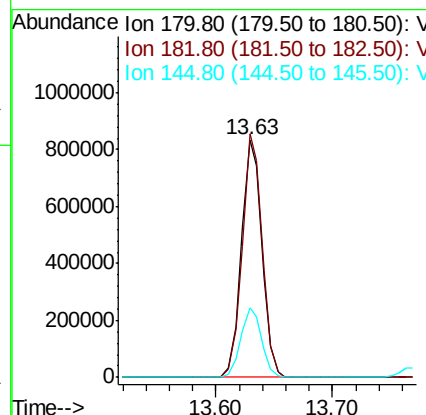
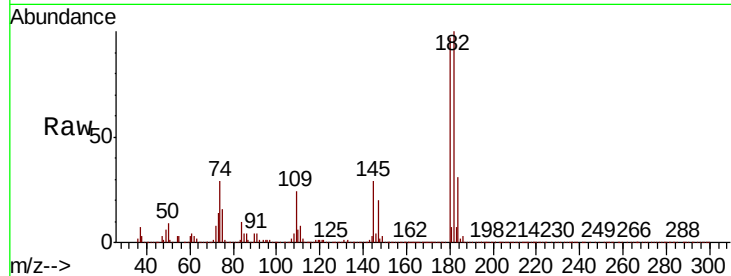




#93
 1,2,4-Trichlorobenzene
 Concen: 50.328 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

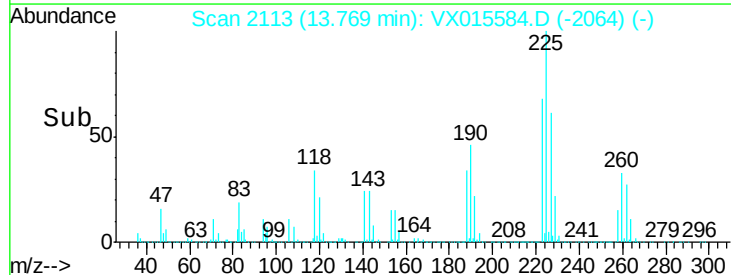
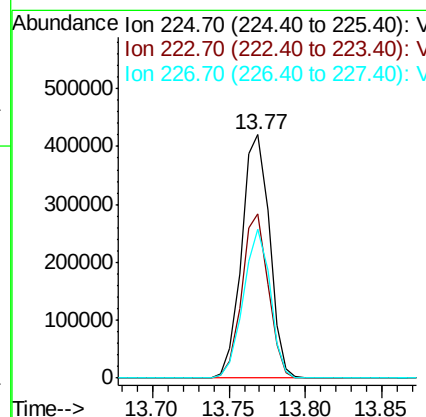
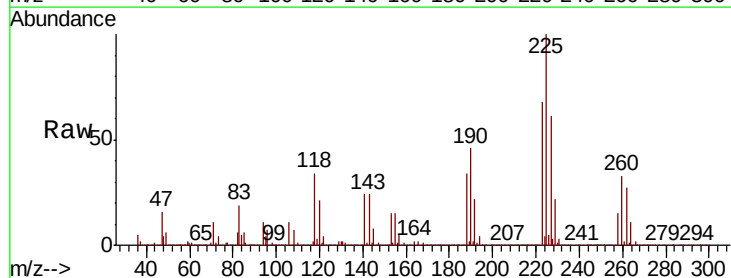
Instrument :
 MSVOA_X
 ClientSampleId :

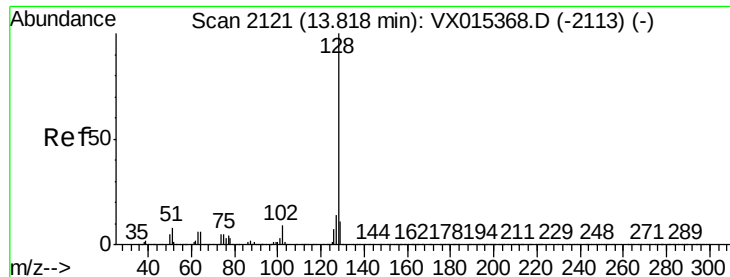
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.3	46.9	140.7
145	29.7	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 54.565 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.7
227	59.1	30.4	91.3

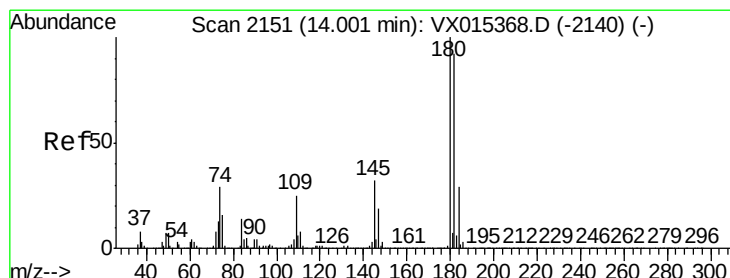
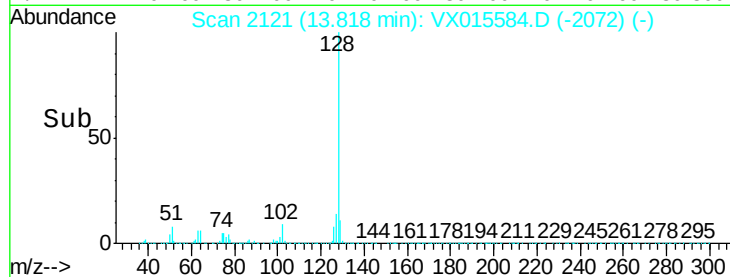
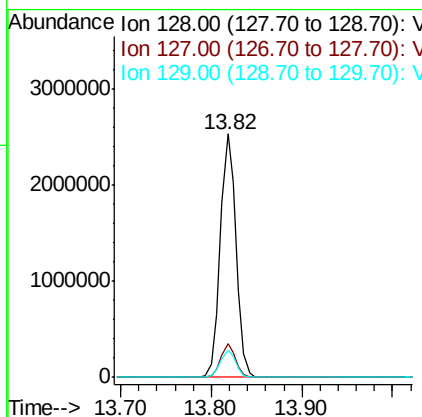
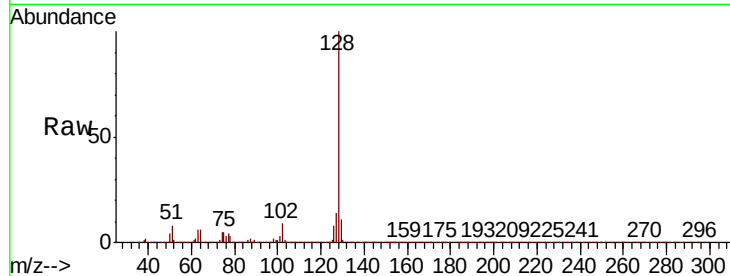




#95
Naphthalene
Concen: 49.378 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 3070159
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.625 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:180 Resp: 1072009
Ion Ratio Lower Upper
180 100
182 89.9 46.7 140.0
145 29.9 15.8 47.3

