

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013354.D
 Acq On : 08 Nov 2019 11:06
 Operator : JC/SP
 Sample : VX1108WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS01

Quant Time: Nov 11 02:54:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	848737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1270799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1142322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	580298	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	489944	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.48	113	406855	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.71	98	1568465	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.13	95	561980	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	211816	21.660	ug/l	98
3) Chloromethane	1.31	50	228594	21.556	ug/l	98
4) Vinyl Chloride	1.40	62	262830	21.770	ug/l	98
5) Bromomethane	1.62	94	156332	18.581	ug/l	97
6) Chloroethane	1.72	64	147648	20.695	ug/l	98
7) Trichlorofluoromethane	1.92	101	290405	20.359	ug/l	97
8) Diethyl Ether	2.17	74	132448	20.998	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	181566	22.838	ug/l	100
10) Methyl Iodide	2.50	142	195667	19.879	ug/l	99
11) Tert butyl alcohol	3.02	59	226806	85.580	ug/l	99
12) 1,1-Dichloroethene	2.36	96	175962	22.602	ug/l	98
13) Acrolein	2.28	56	137154	95.489	ug/l	100
14) Allyl chloride	2.72	41	316518	22.376	ug/l	97
15) Acrylonitrile	3.12	53	522310	105.507	ug/l	98
16) Acetone	2.42	43	503903	100.473	ug/l	99
17) Carbon Disulfide	2.56	76	456306	21.898	ug/l	99
18) Methyl Acetate	2.75	43	293801	21.219	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	600686	23.133	ug/l	97
20) Methylene Chloride	2.84	84	199045	21.480	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	187128	22.075	ug/l	95
22) Diisopropyl ether	3.84	45	641999	23.508	ug/l	98
23) Vinyl Acetate	3.80	43	2610843	111.723	ug/l	100
24) 1,1-Dichloroethane	3.68	63	341208	22.334	ug/l	99
25) 2-Butanone	4.65	43	750569	102.014	ug/l	98
26) 2,2-Dichloropropane	4.57	77	285870	23.522	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	217873	22.944	ug/l	100
28) Bromochloromethane	5.00	49	99946	23.041	ug/l	100
29) Tetrahydrofuran	5.11	42	463859	102.306	ug/l	100
30) Chloroform	5.19	83	340003	22.538	ug/l	100
31) Cyclohexane	5.56	56	308657	22.453	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	292156	22.504	ug/l	99
36) 1,1-Dichloropropene	5.78	75	256819	23.557	ug/l	99
37) Ethyl Acetate	4.81	43	281005	20.860	ug/l	99
38) Carbon Tetrachloride	5.77	117	248551	23.315	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1108WBS01

Quant Time: Nov 11 02:54:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	314750	23.171	ug/l	100
40) Benzene	6.13	78	774338	22.802	ug/l	99
41) Methacrylonitrile	5.02	41	162047	21.462	ug/l	98
42) 1,2-Dichloroethane	6.18	62	274654	22.422	ug/l	99
43) Isopropyl Acetate	6.43	43	459317	21.896	ug/l	99
44) Trichloroethene	7.20	130	212813	22.766	ug/l	96
45) 1,2-Dichloropropane	7.50	63	200440	23.165	ug/l	98
46) Dibromomethane	7.65	93	131354	22.234	ug/l	99
47) Bromodichloromethane	7.89	83	260886	23.418	ug/l	96
48) Methyl methacrylate	7.76	41	229333	21.901	ug/l	98
49) 1,4-Dioxane	7.73	88	94009	392.029	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1445729	105.047	ug/l	100
52) Toluene	8.78	92	489874	23.275	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	288771	23.705	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	318303	23.359	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	201095	23.051	ug/l	99
56) Ethyl methacrylate	9.17	69	309136	21.670	ug/l	99
57) 1,3-Dichloropropane	9.36	76	336972	22.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	652242	109.344	ug/l	99
59) 2-Hexanone	9.48	43	1127532	106.016	ug/l	100
60) Dibromochloromethane	9.57	129	209864	23.521	ug/l	99
61) 1,2-Dibromoethane	9.67	107	207699	22.421	ug/l	100
64) Tetrachloroethene	9.33	164	194762	23.817	ug/l	98
65) Chlorobenzene	10.13	112	529494	22.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	197671	23.278	ug/l	99
67) Ethyl Benzene	10.25	91	938575	23.515	ug/l	98
68) m/p-Xylenes	10.36	106	717626	47.540	ug/l	100
69) o-Xylene	10.69	106	346581	23.451	ug/l	100
70) Styrene	10.71	104	590608	23.907	ug/l	98
71) Bromoform	10.85	173	157788	21.960	ug/l	99
73) Isopropylbenzene	11.01	105	925276	24.049	ug/l	100
74) N-amyl acetate	10.89	43	411314	23.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	310156	22.097	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	348558	29.572	ug/l	82
77) Bromobenzene	11.25	156	239772	23.377	ug/l	98
78) n-propylbenzene	11.35	91	1051120	24.525	ug/l	99
79) 2-Chlorotoluene	11.42	91	622255	24.098	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	784675	24.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101214	22.103	ug/l	99
82) 4-Chlorotoluene	11.51	91	710741	23.513	ug/l	99
83) tert-Butylbenzene	11.76	119	789740	24.480	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	782355	24.336	ug/l	99
85) sec-Butylbenzene	11.94	105	906916	24.461	ug/l	100
86) p-Isopropyltoluene	12.06	119	832271	24.377	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	432937	23.680	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	424784	22.804	ug/l	99
89) n-Butylbenzene	12.39	91	715331	24.012	ug/l	99
90) Hexachloroethane	12.59	117	144432	23.744	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	426025	23.311	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	66680	19.499	ug/l	98

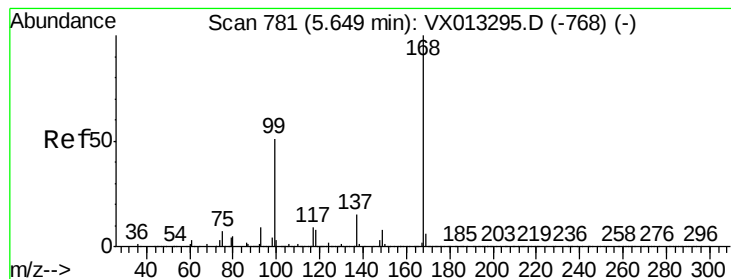
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
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Instrument :
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ClientSampleId :
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Quant Time: Nov 11 02:54:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	296967	23.295	ug/l	100
94) Hexachlorobutadiene	13.78	225	144792	23.216	ug/l	97
95) Naphthalene	13.83	128	883652	22.093	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	298180	23.323	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

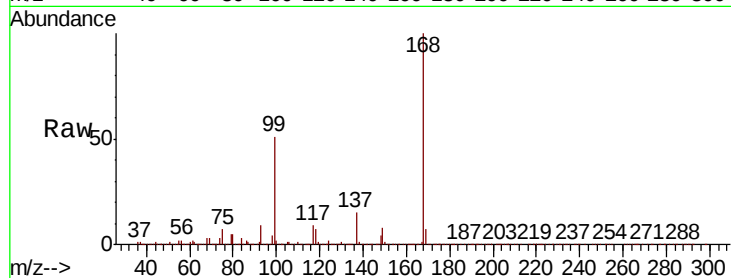
VX1108WBS01

Tot Ion:168 Resp: 848737

Ion Ratio Lower Upper

168 100

99 50.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

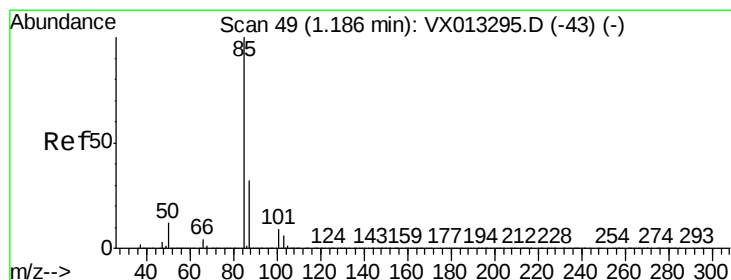
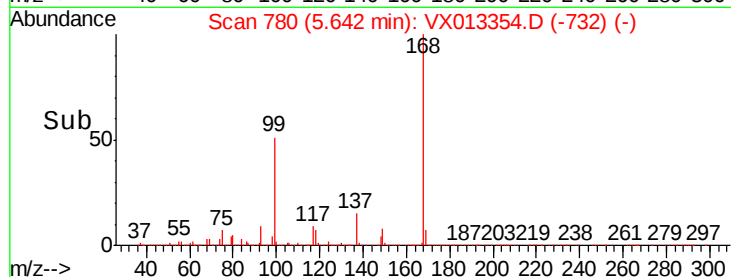
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.660 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013354.D

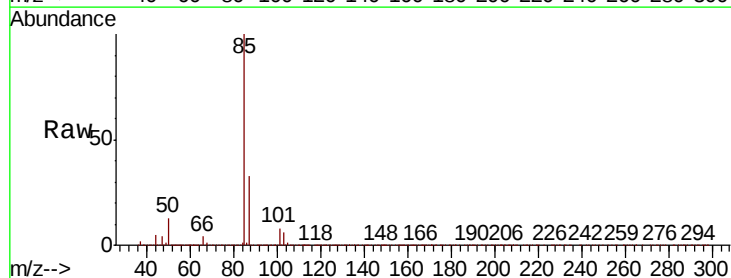
Acq: 08 Nov 2019 11:06

Tgt Ion: 85 Resp: 211816

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

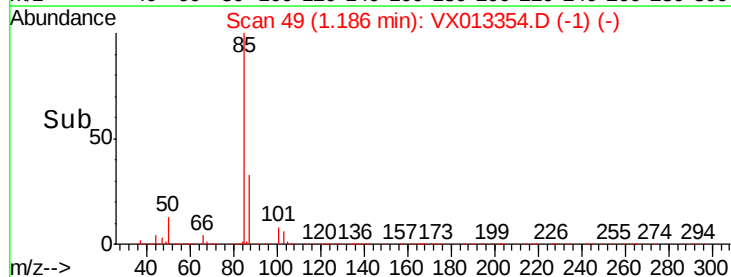
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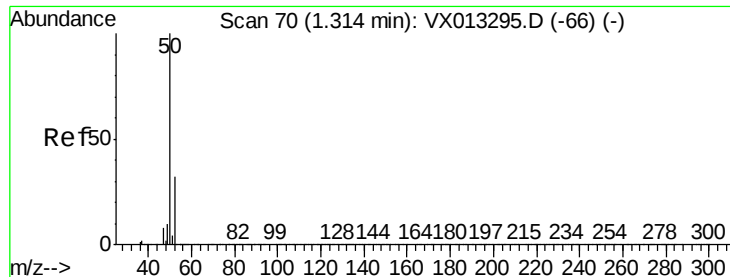
100000

50000

0

Time-->





#3

Chloromethane

Concen: 21.556 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

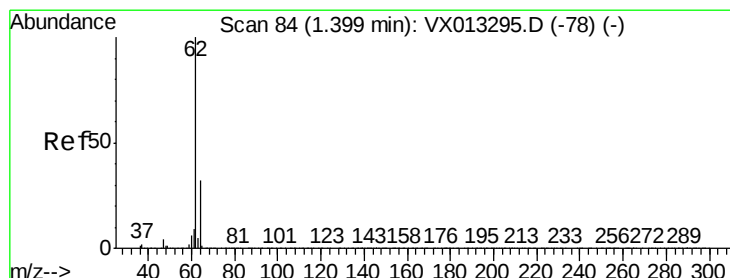
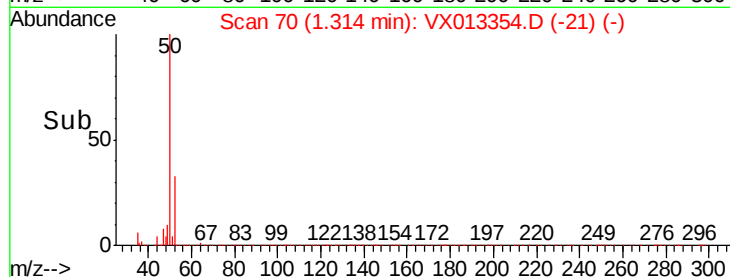
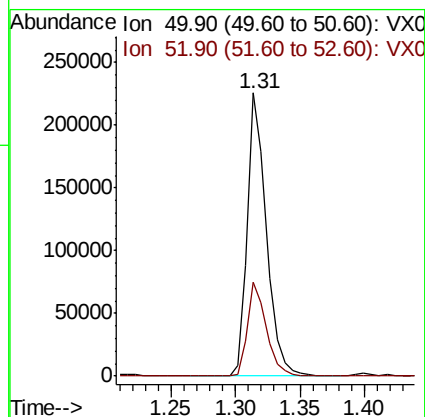
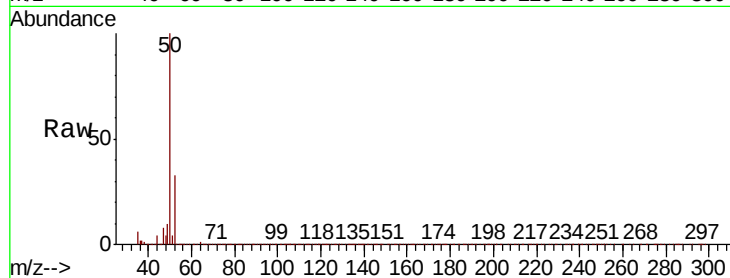
VX1108WBS01

Tot Ion: 50 Resp: 228594

Ion Ratio Lower Upper

50 100

52 33.0 25.5 38.3



#4

Vinyl Chloride

Concen: 21.770 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013354.D

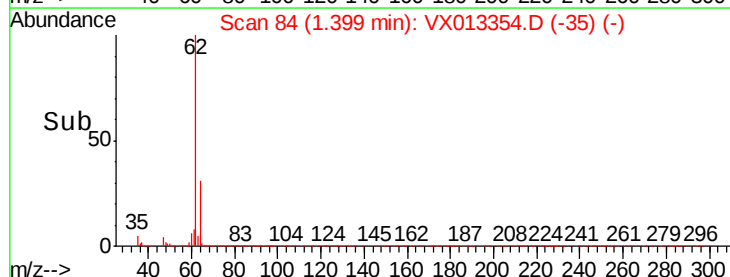
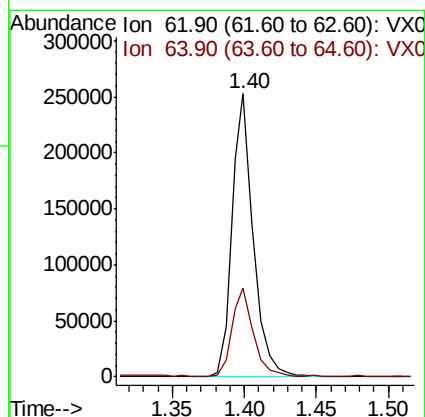
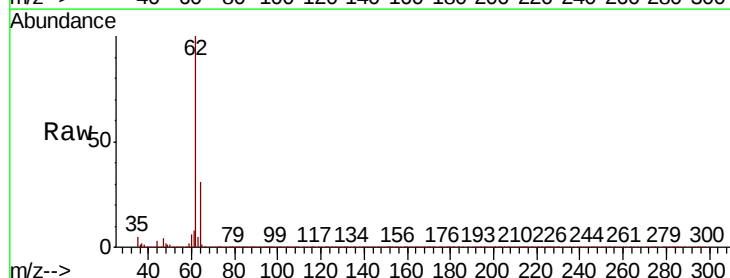
Acq: 08 Nov 2019 11:06

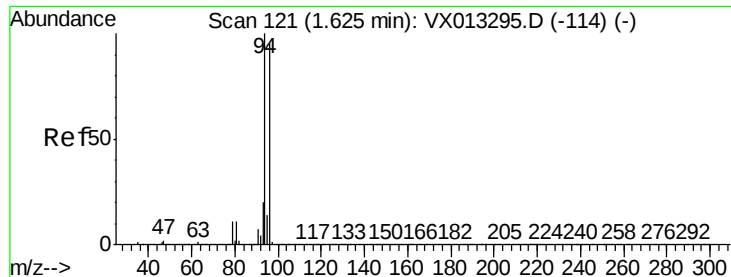
Tgt Ion: 62 Resp: 262830

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 18.581 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

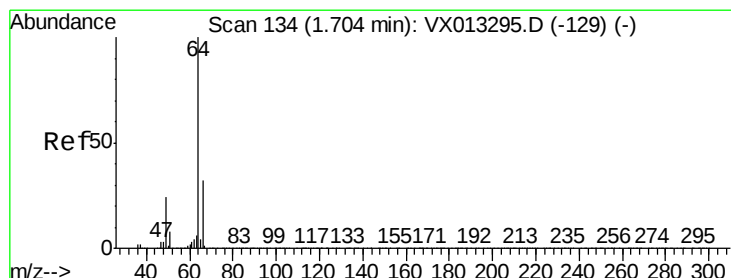
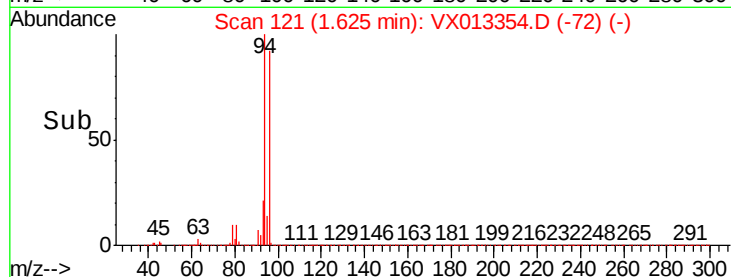
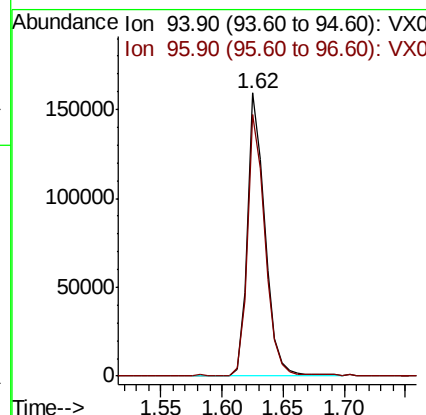
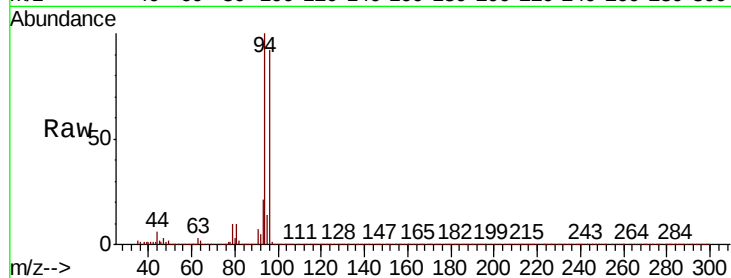
VX1108WBS01

Tot Ion: 94 Resp: 156332

Ion Ratio Lower Upper

94 100

96 92.3 75.8 113.8



#6

Chloroethane

Concen: 20.695 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013354.D

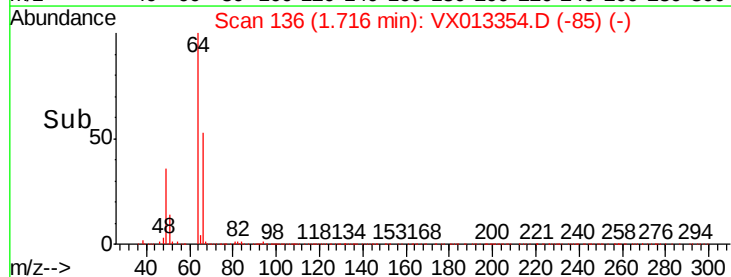
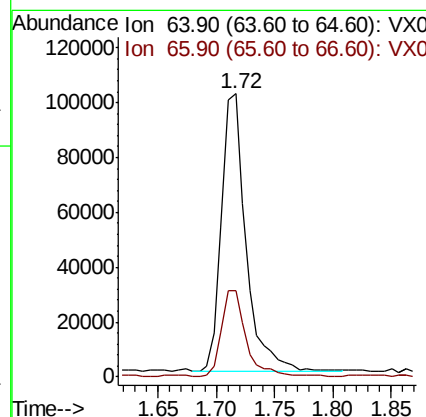
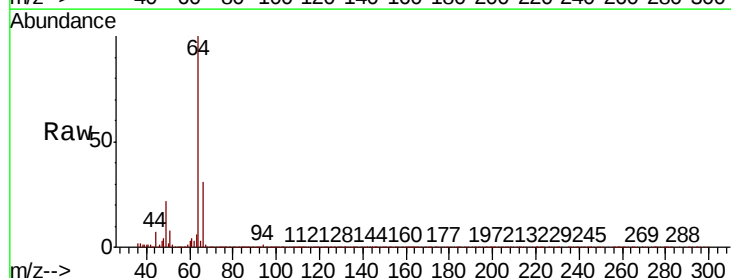
Acq: 08 Nov 2019 11:06

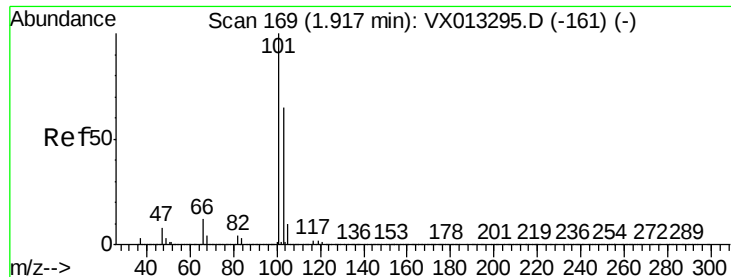
Tgt Ion: 64 Resp: 147648

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4



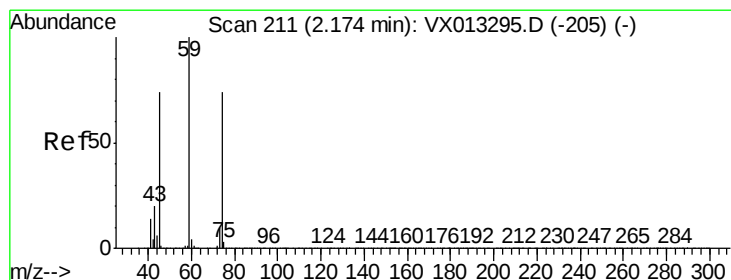
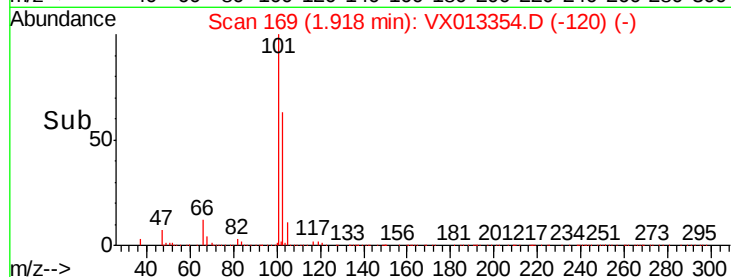
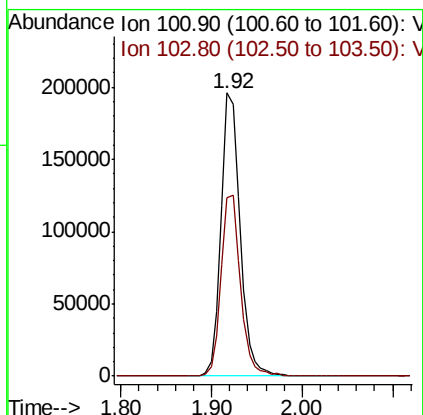
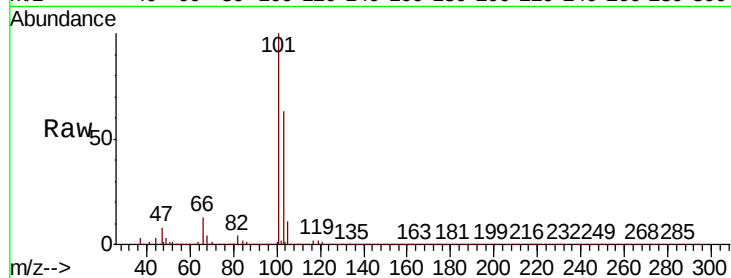


#7

Trichlorofluoromethane
Concen: 20.359 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

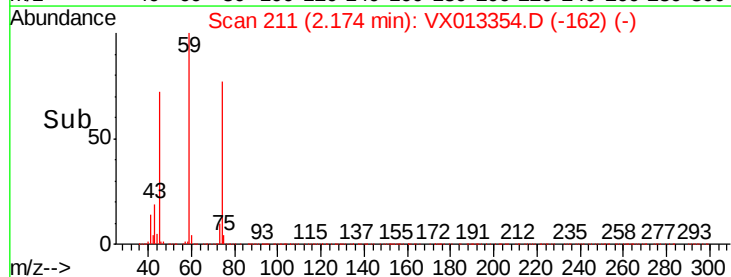
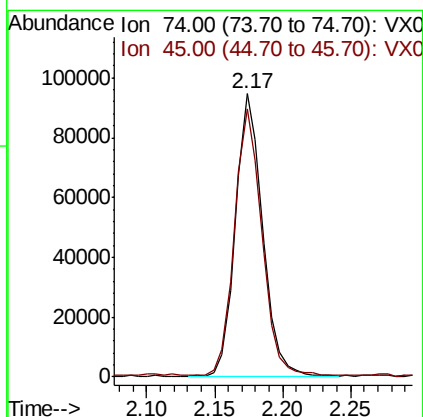
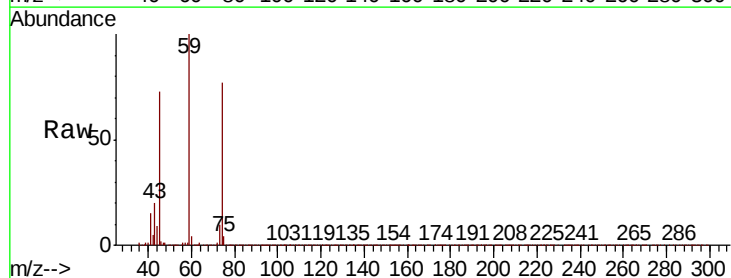
Tot Ion:101 Resp: 290405
Ion Ratio Lower Upper
101 100
103 62.8 52.3 78.5

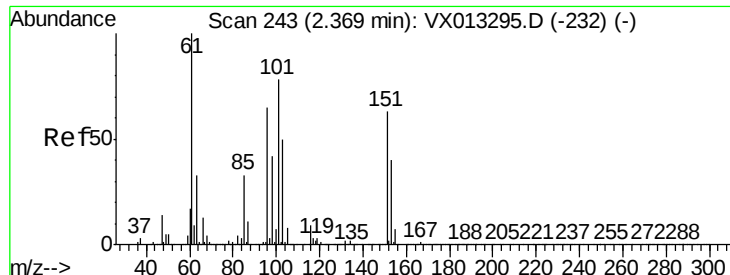


#8

Diethyl Ether
Concen: 20.998 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion: 74 Resp: 132448
Ion Ratio Lower Upper
74 100
45 94.0 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.838 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

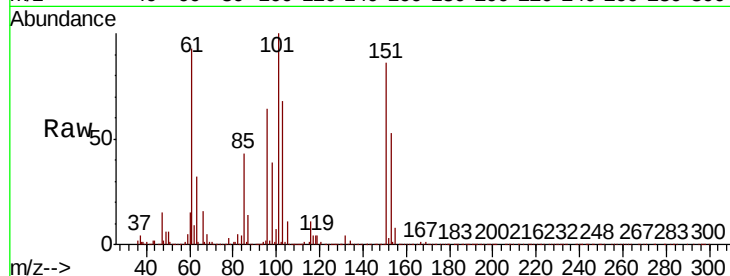
Tot Ion:101 Resp: 181566

Ion Ratio Lower Upper

101 100

85 43.4 34.4 51.6

151 82.8 66.4 99.6

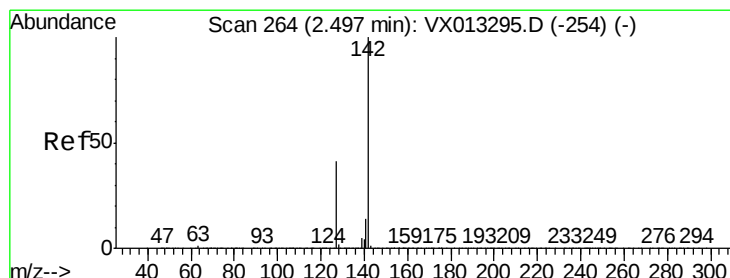
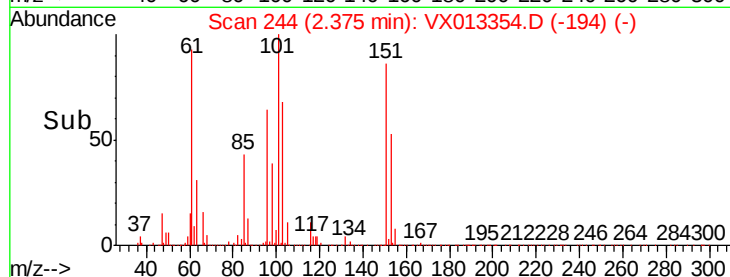
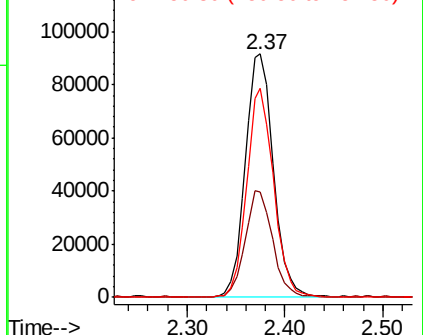


Abundance

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: 19.879 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

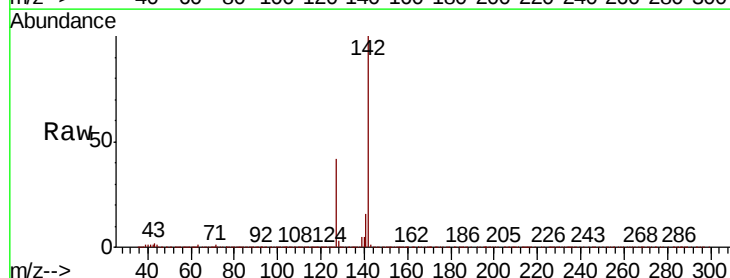
Tgt Ion:142 Resp: 195667

Ion Ratio Lower Upper

142 100

127 40.0 32.6 49.0

141 14.5 11.6 17.4

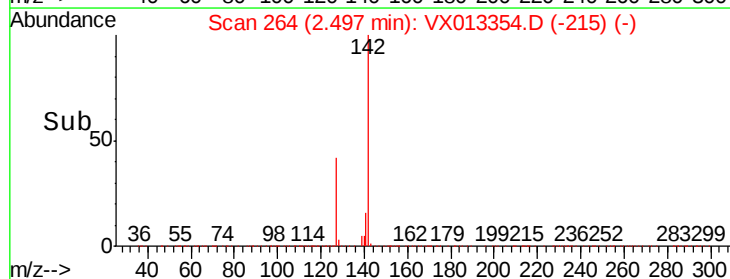
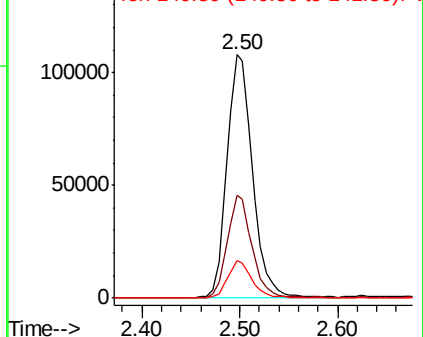


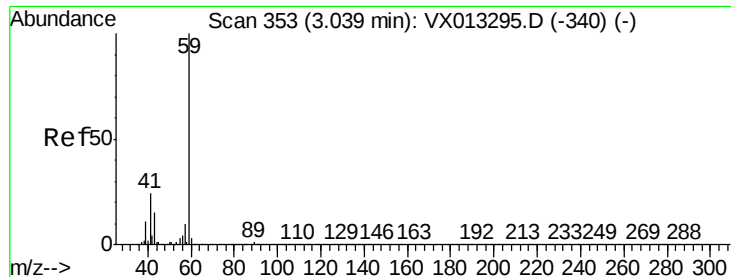
Abundance

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



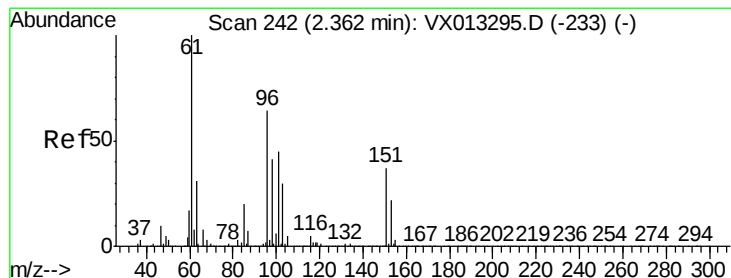
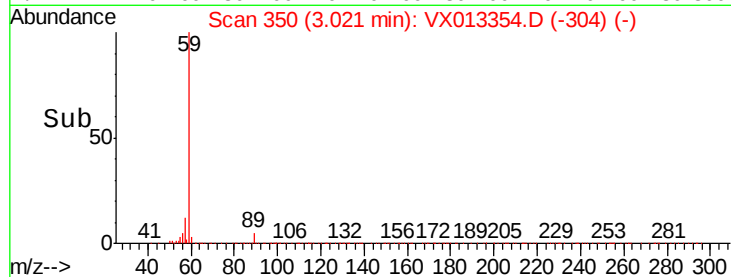
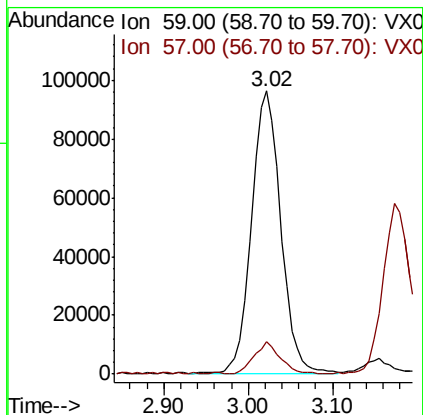
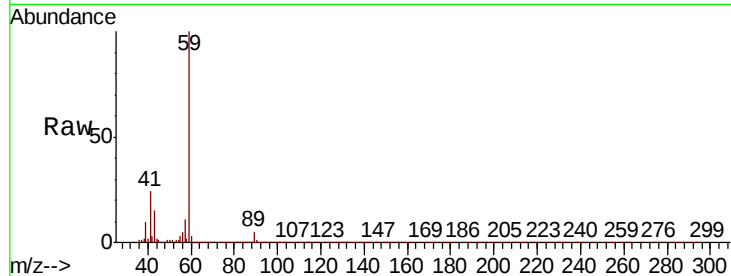


#11

Tert butyl alcohol
 Concen: 85.580 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS01

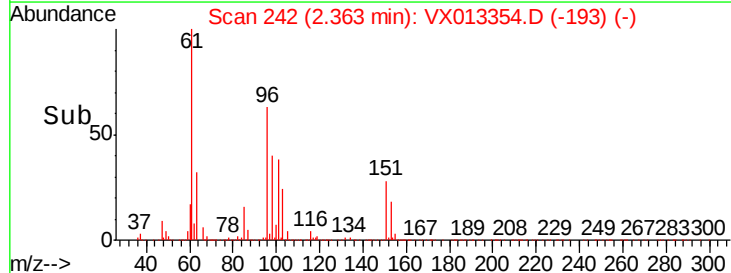
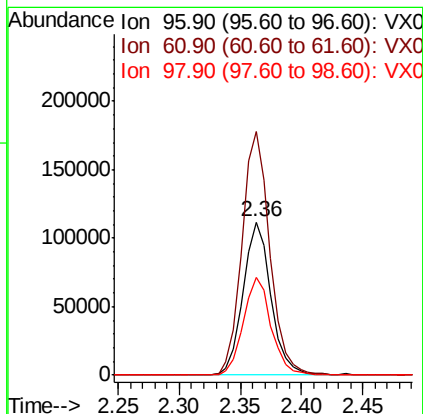
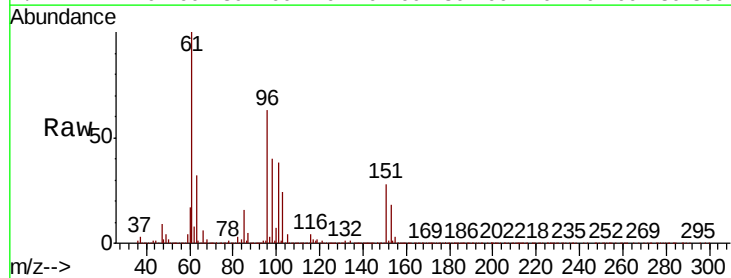
Tot Ion: 59 Resp: 226806
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.0 12.0

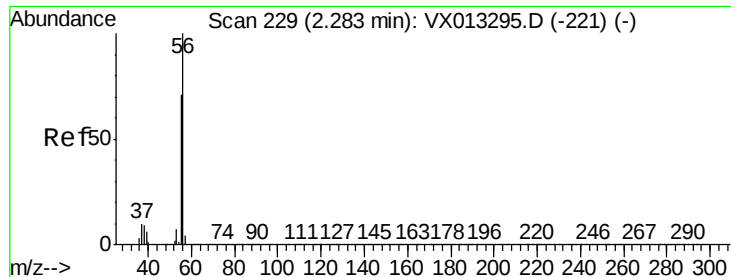


#12

1,1-Dichloroethene
 Concen: 22.602 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Tgt Ion: 96 Resp: 175962
 Ion Ratio Lower Upper
 96 100
 61 158.9 125.0 187.6
 98 64.1 50.7 76.1





#13

Acrolein

Concen: 95.489 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

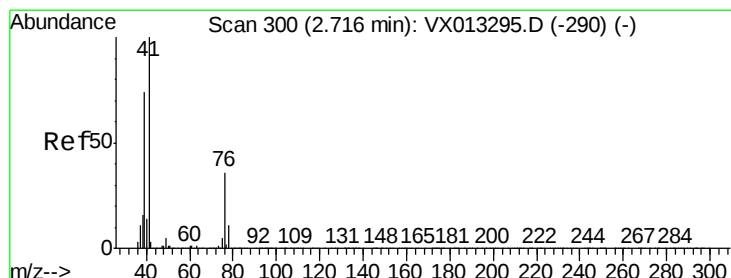
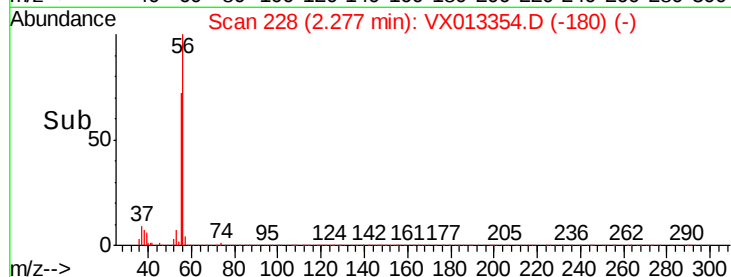
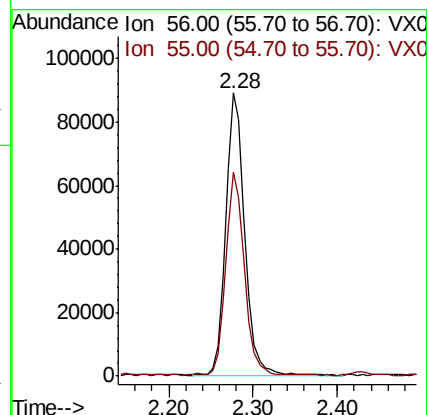
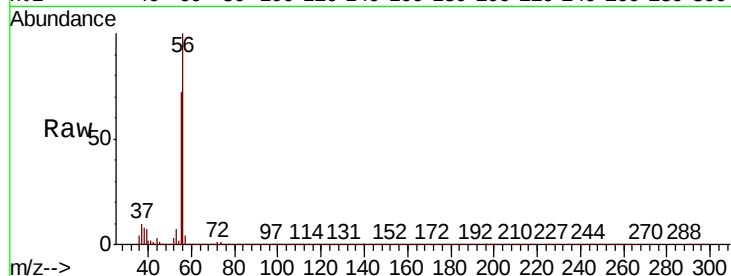
VX1108WBS01

Tot Ion: 56 Resp: 137154

Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.0



#14

Allyl chloride

Concen: 22.376 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

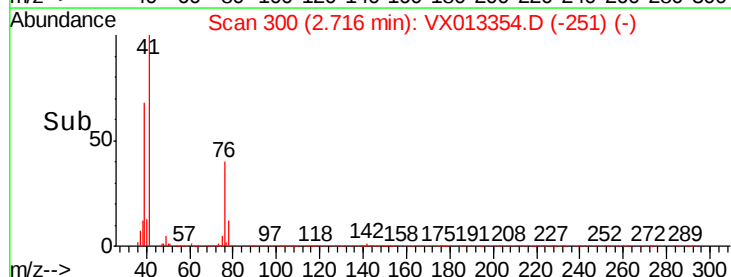
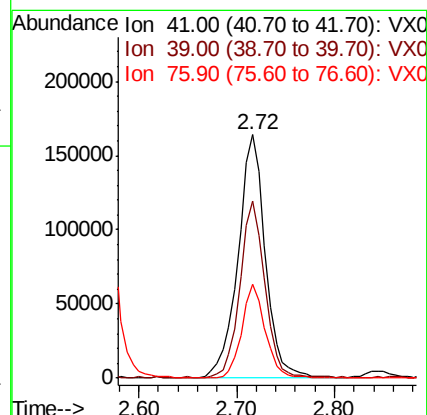
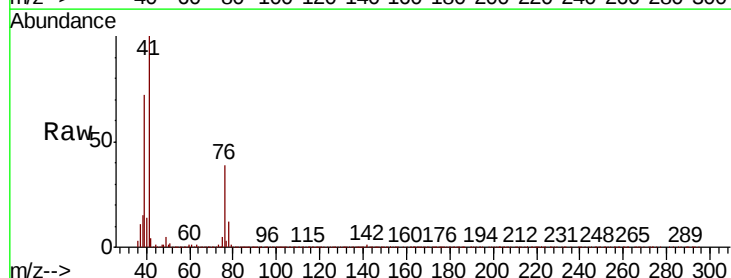
Tgt Ion: 41 Resp: 316518

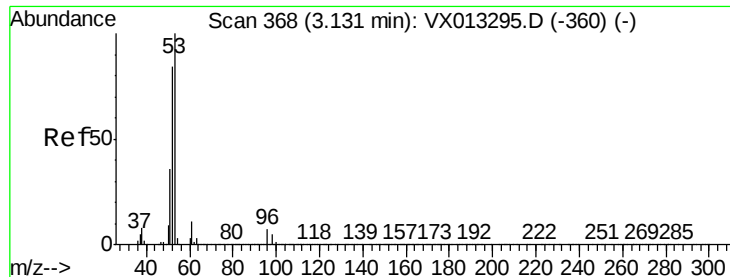
Ion Ratio Lower Upper

41 100

39 66.5 55.8 83.8

76 32.7 26.4 39.6





#15

Acrylonitrile

Concen: 105.507 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

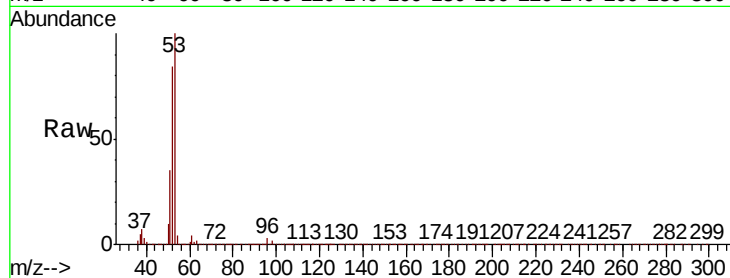
MSVOA_X

ClientSampleId :

VX1108WBS01

Tot Ion: 53 Resp: 522310

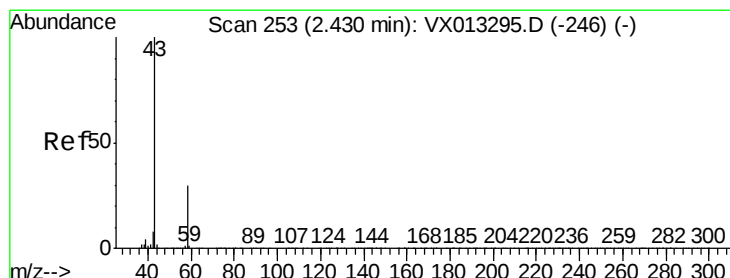
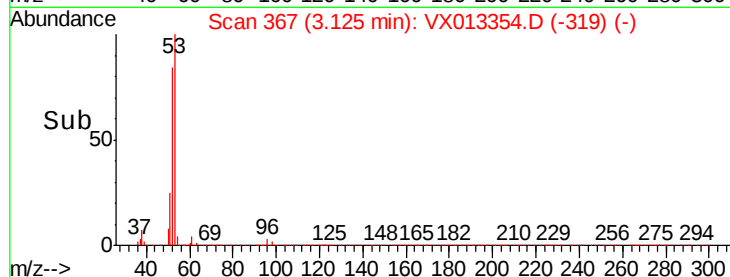
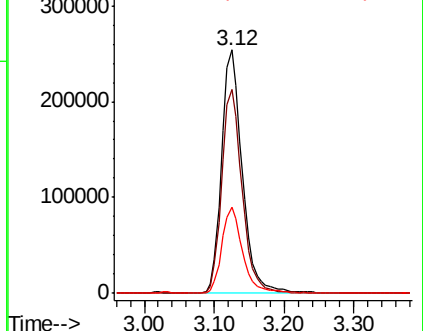
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.4	101.0
51	35.6	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 100.473 ug/l

RT: 2.42 min Scan# 252

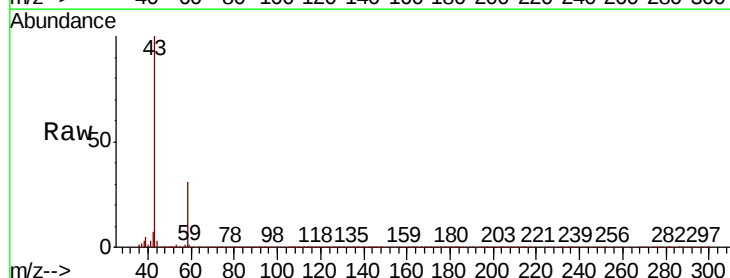
Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

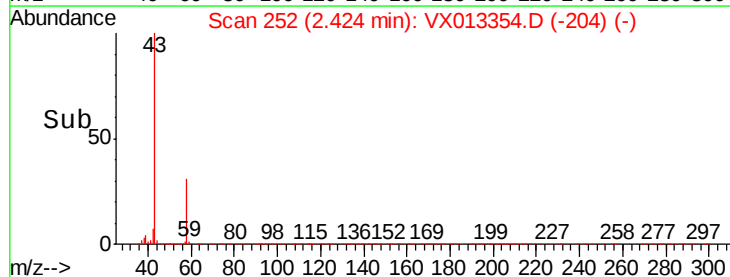
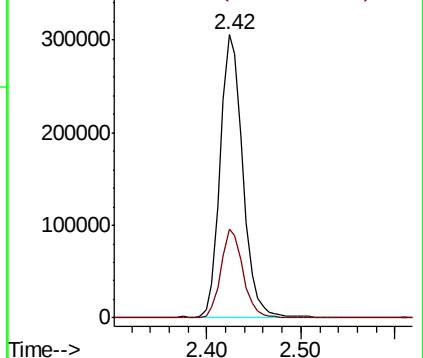
Tgt Ion: 43 Resp: 503903

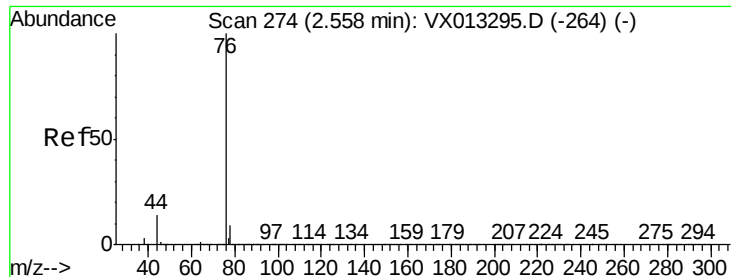
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 21.898 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

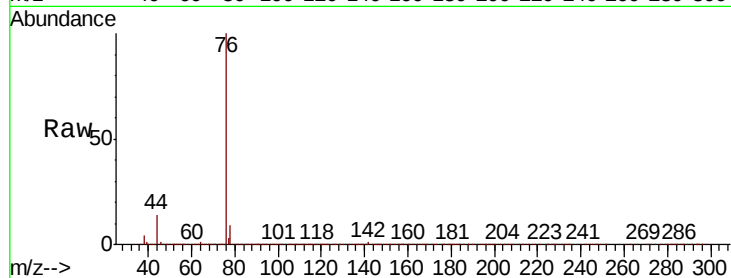
VX1108WBS01

Tot Ion: 76 Resp: 456306

Ion Ratio Lower Upper

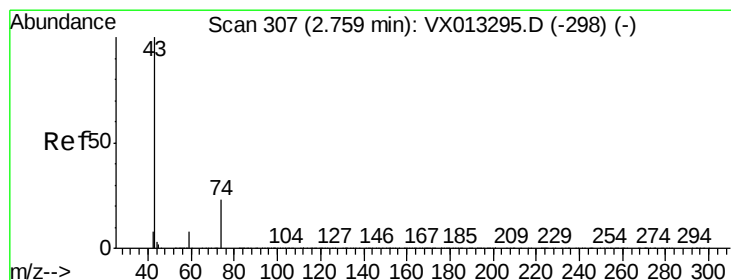
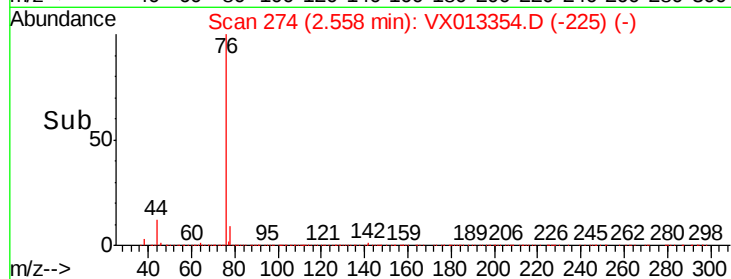
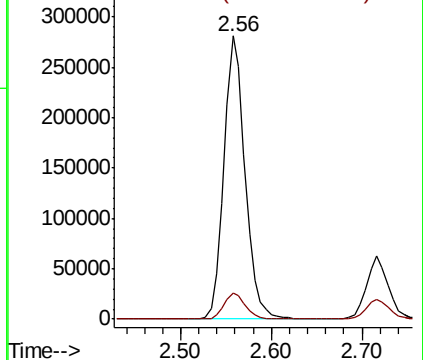
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.219 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX013354.D

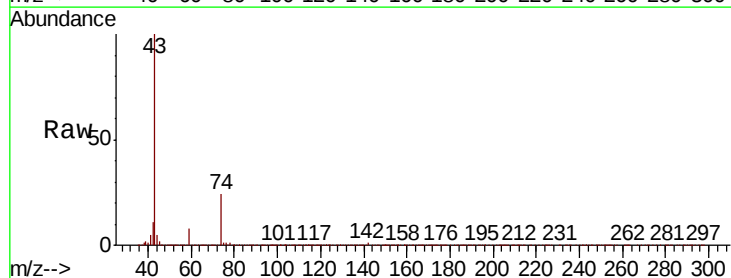
Acq: 08 Nov 2019 11:06

Tgt Ion: 43 Resp: 293801

Ion Ratio Lower Upper

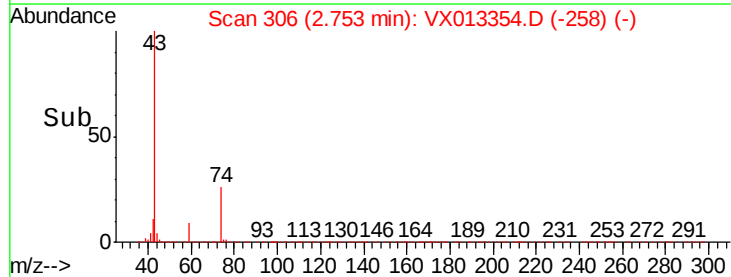
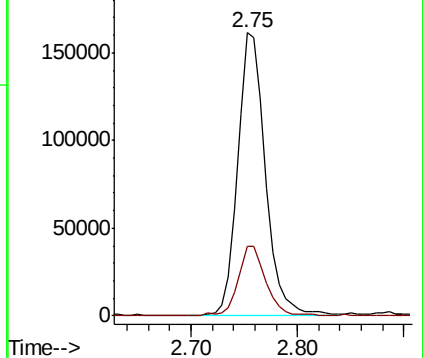
43 100

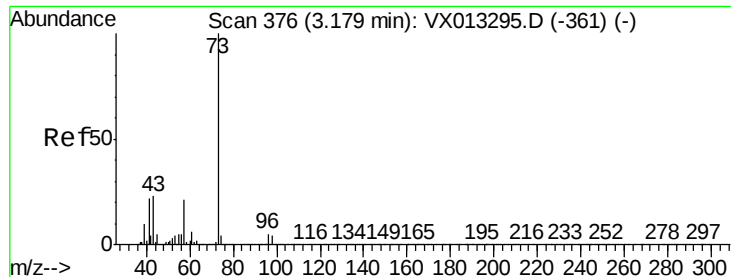
74 24.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



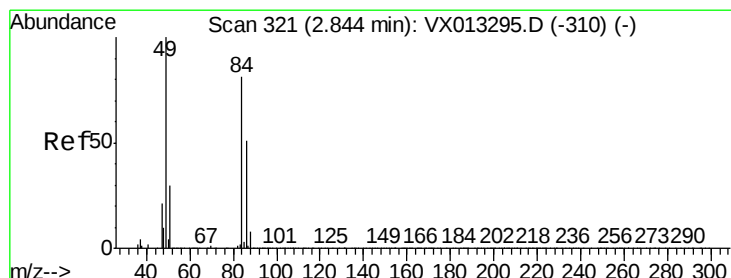
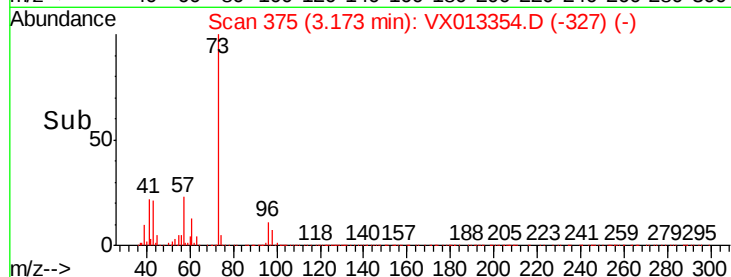
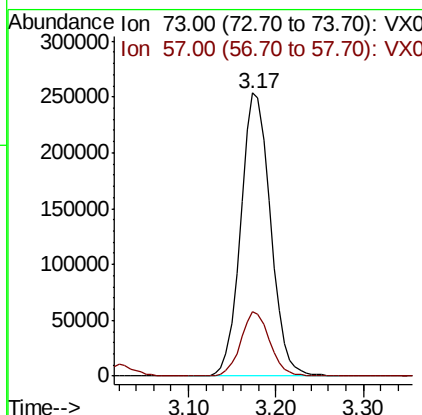
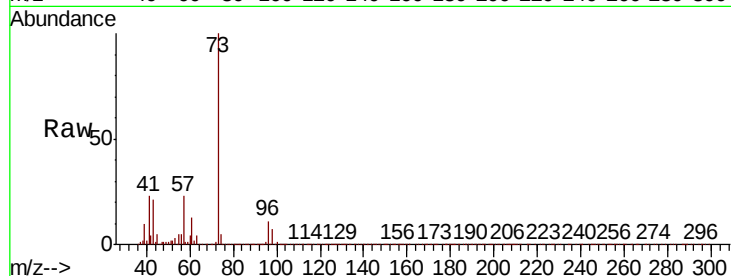


#19

Methyl tert-butyl Ether
 Concen: 23.133 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS01

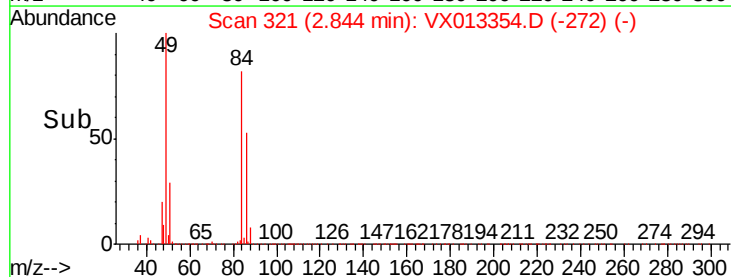
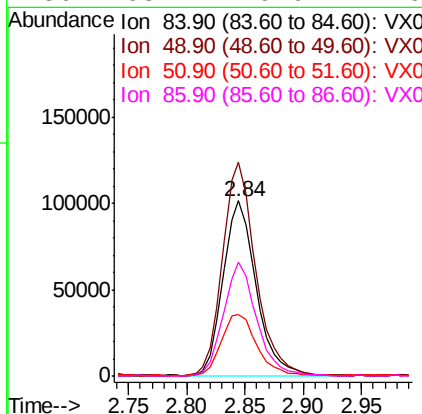
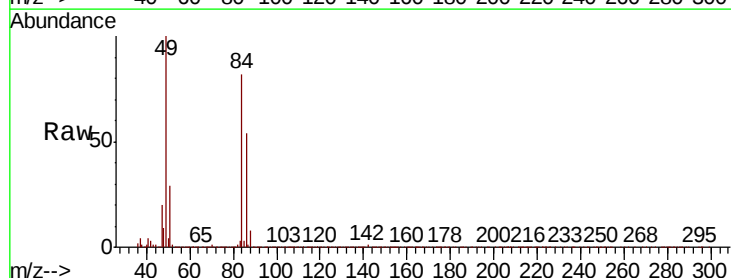
Tot Ion: 73 Resp: 600686
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.1 25.7

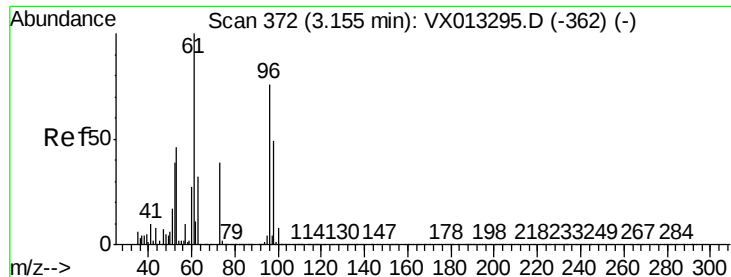


#20

Methylene Chloride
 Concen: 21.480 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Tgt Ion: 84 Resp: 199045
 Ion Ratio Lower Upper
 84 100
 49 121.9 98.2 147.4
 51 35.2 29.9 44.9
 86 65.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.075 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

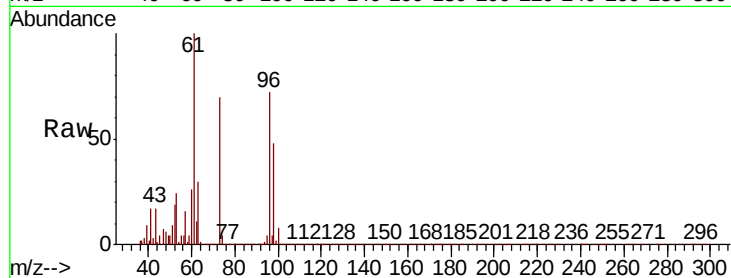
Tot Ion: 96 Resp: 187128

Ion Ratio Lower Upper

96 100

61 139.3 105.8 158.6

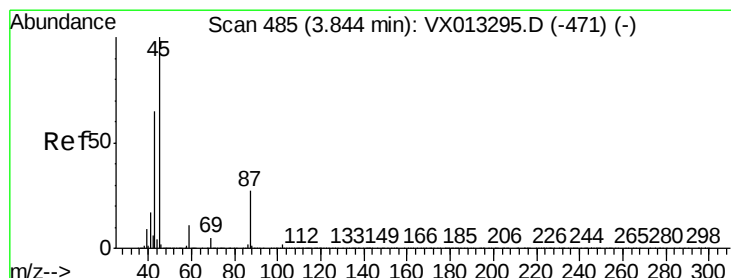
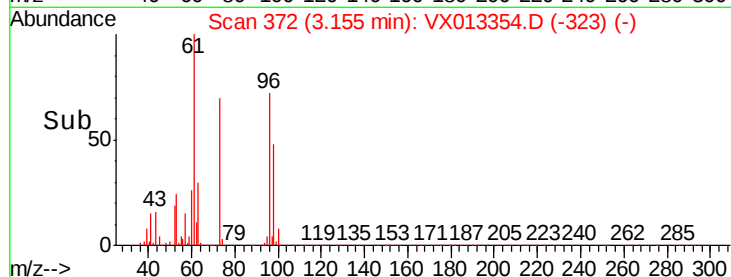
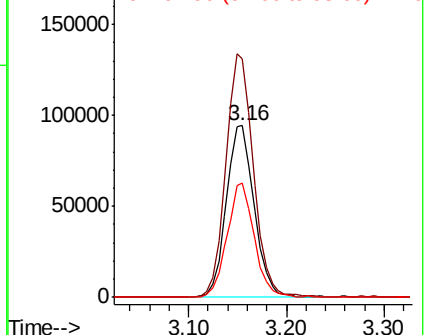
98 66.3 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 23.508 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Tgt Ion: 45 Resp: 641999

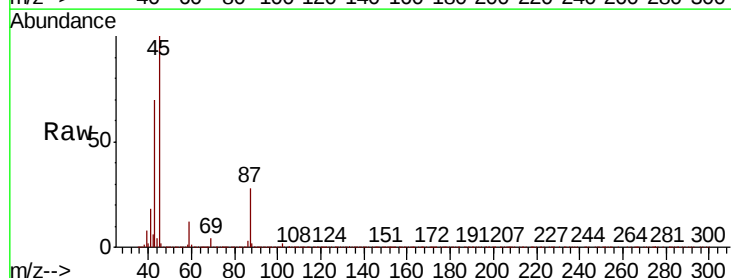
Ion Ratio Lower Upper

45 100

43 69.5 54.2 81.2

87 28.2 21.8 32.8

59 11.9 8.5 12.7

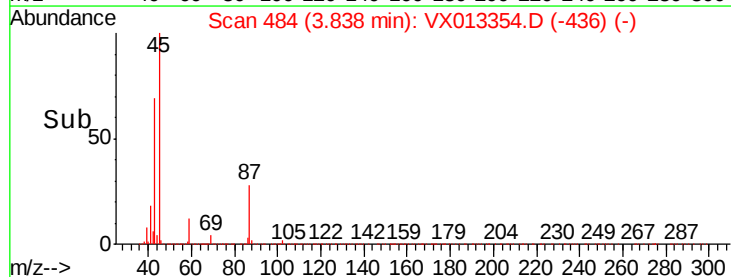
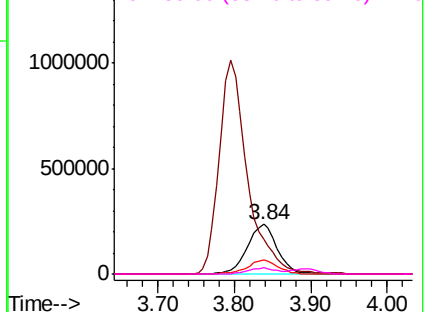


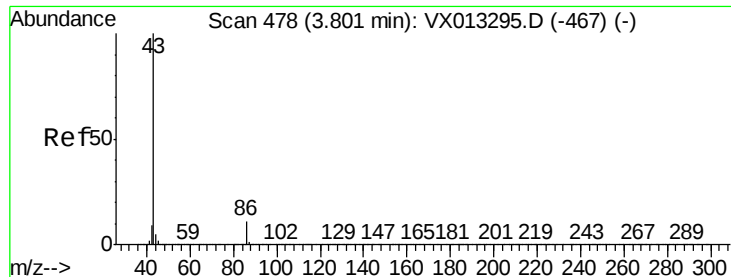
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 111.723 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

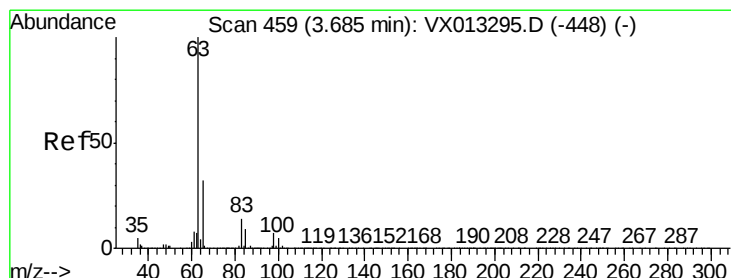
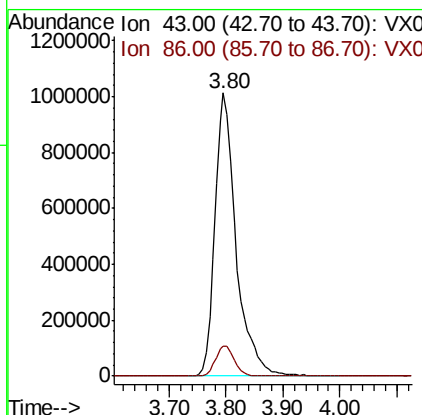
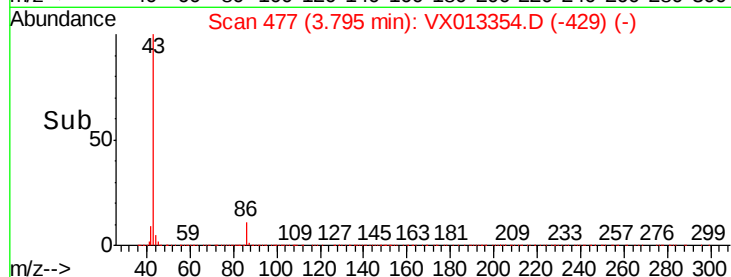
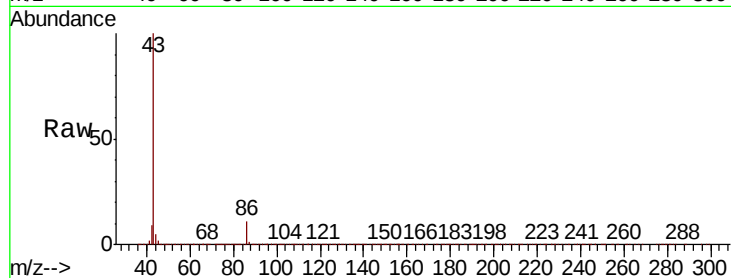
VX1108WBS01

Tot Ion: 43 Resp: 2610843

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 22.334 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

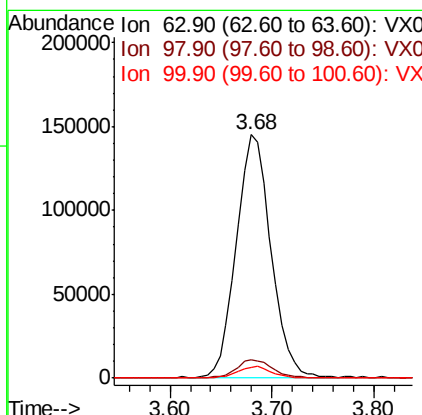
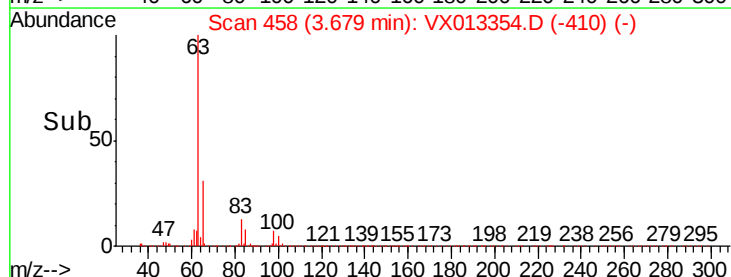
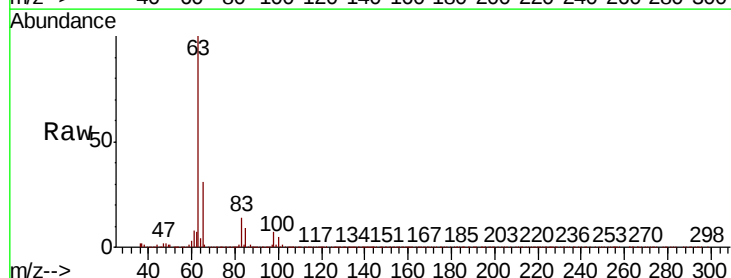
Tgt Ion: 63 Resp: 341208

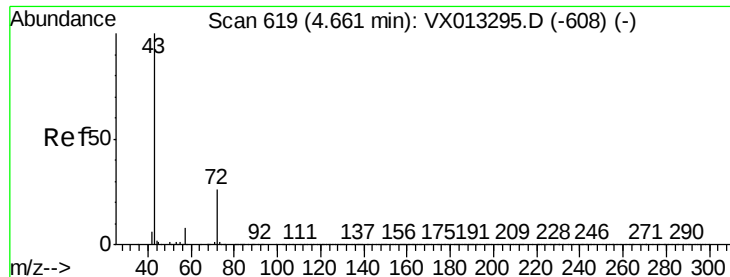
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 102.014 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

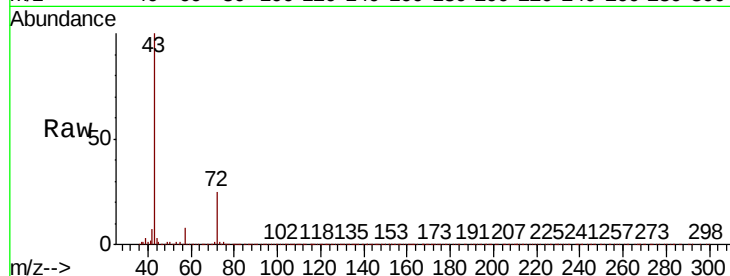
VX1108WBS01

Tot Ion: 43 Resp: 750569

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

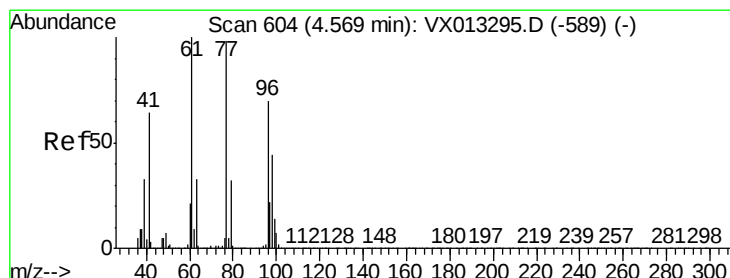
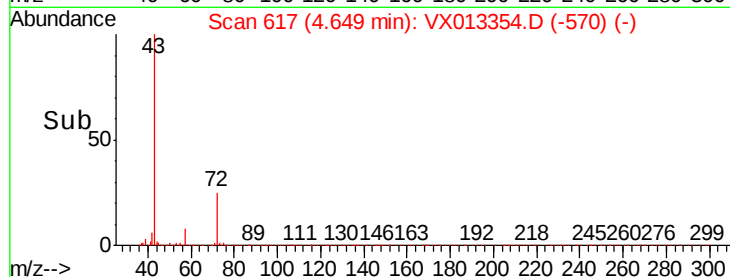
100000

50000

0

4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 23.522 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013354.D

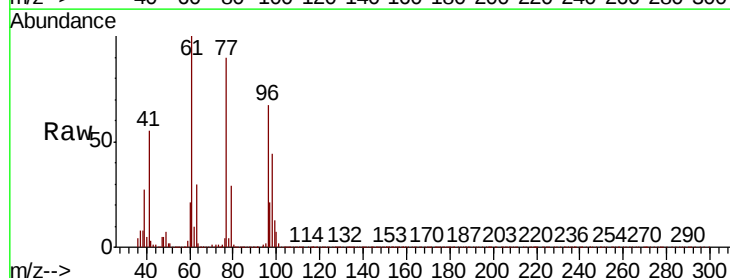
Acq: 08 Nov 2019 11:06

Tgt Ion: 77 Resp: 285870

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

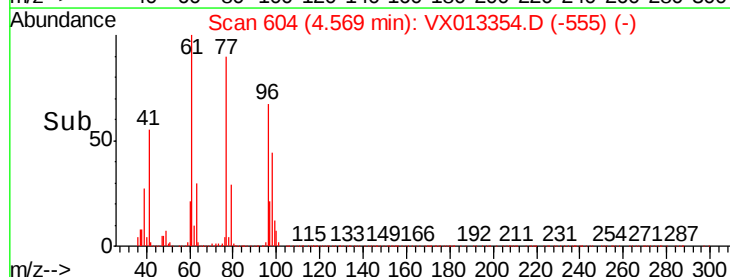
40000

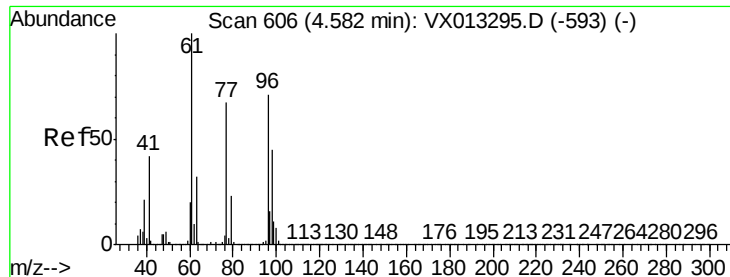
20000

0

4.40 4.50 4.60 4.70

Time-->



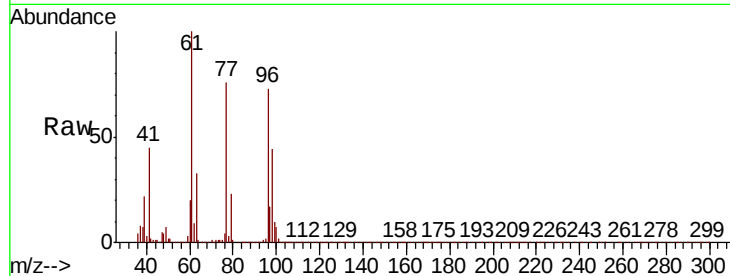


#27

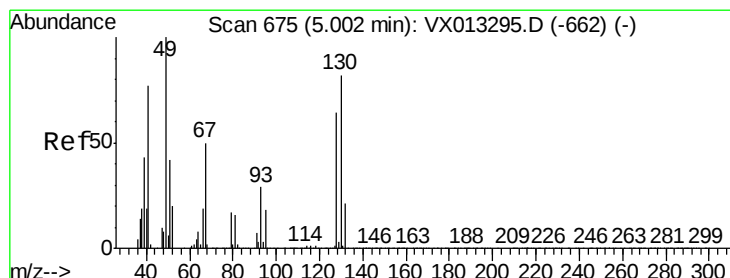
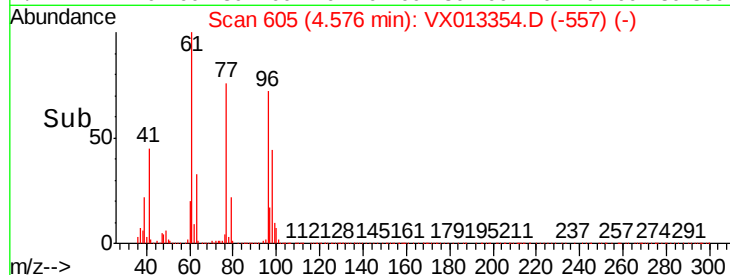
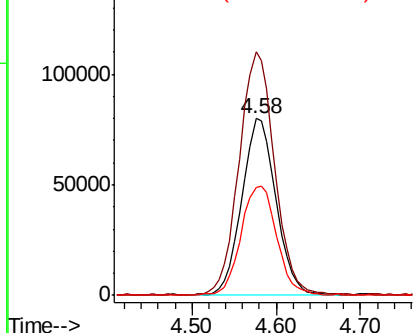
cis-1,2-Dichloroethene
Concen: 22.944 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	288.0
98	64.7	0.0	129.6



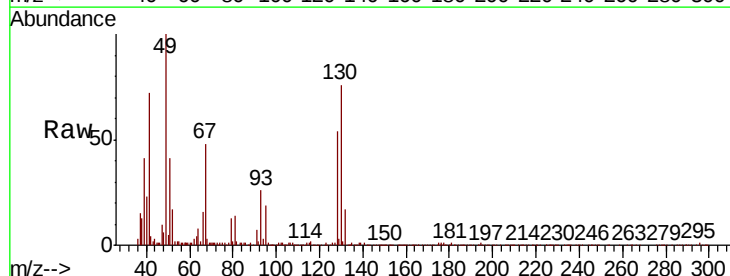
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



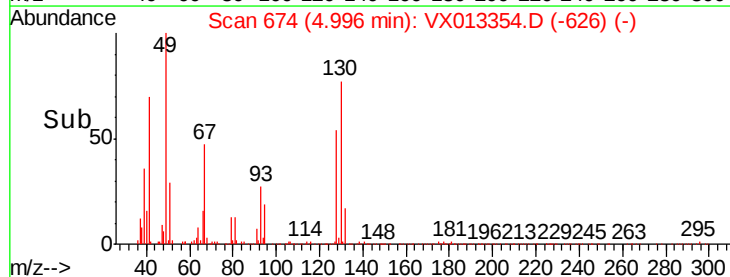
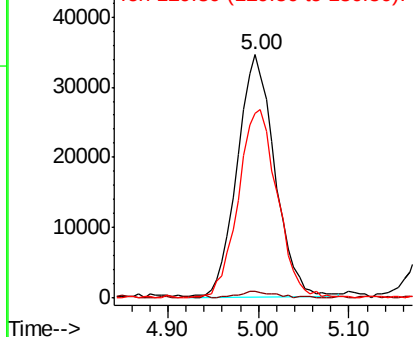
#28

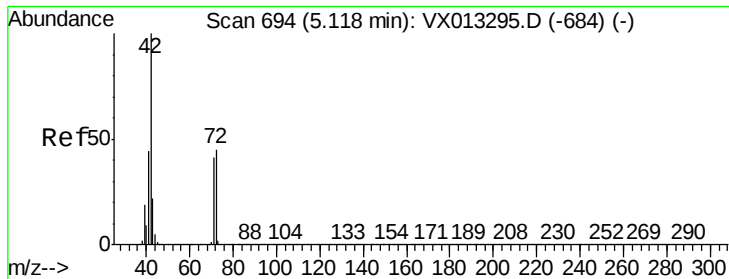
Bromochloromethane
Concen: 23.041 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	79.3	63.8	95.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

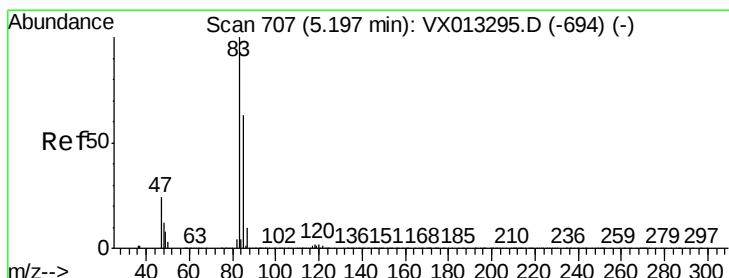
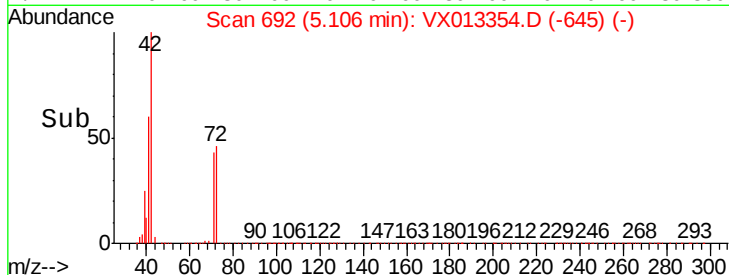
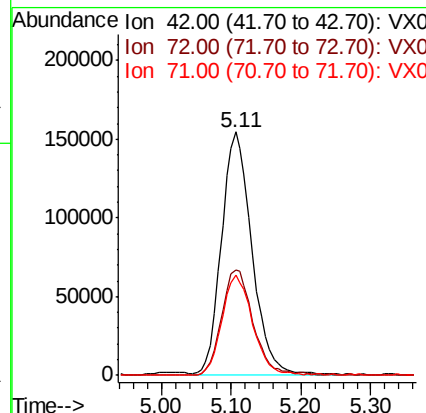
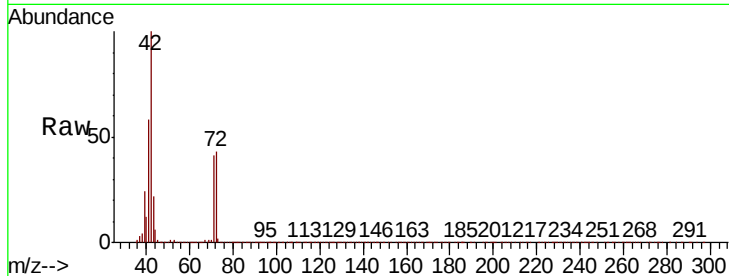




#29
Tetrahydrofuran
Concen: 102.306 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

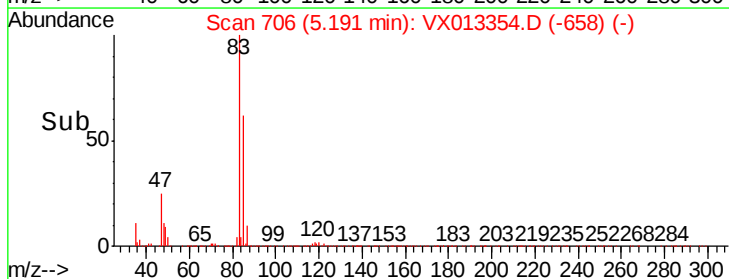
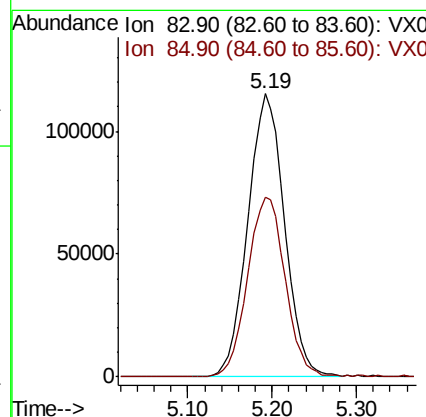
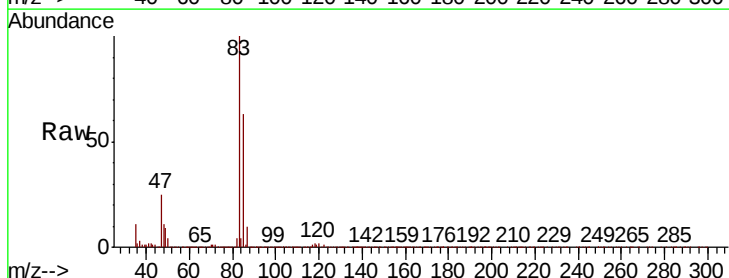
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

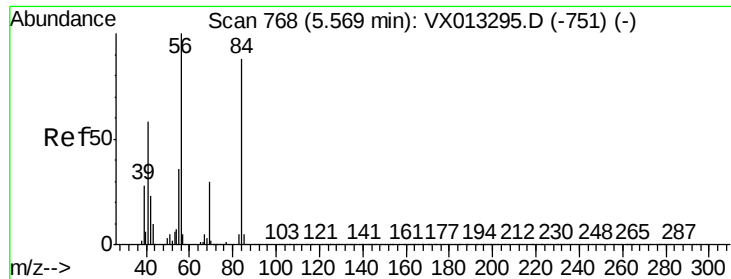
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.8	53.8
71	41.4	33.4	50.0



#30
Chloroform
Concen: 22.538 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.2	75.4

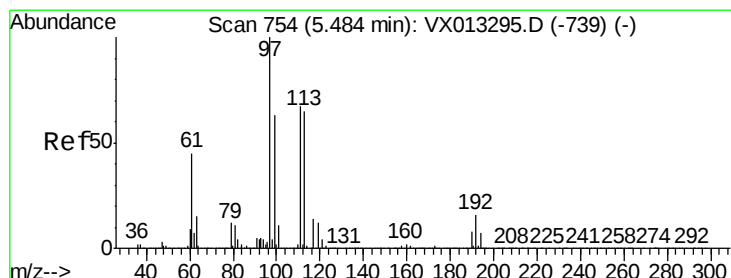
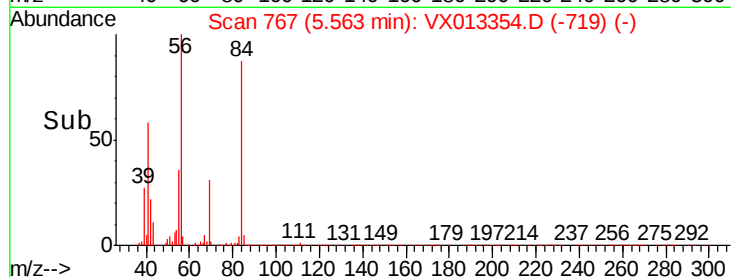
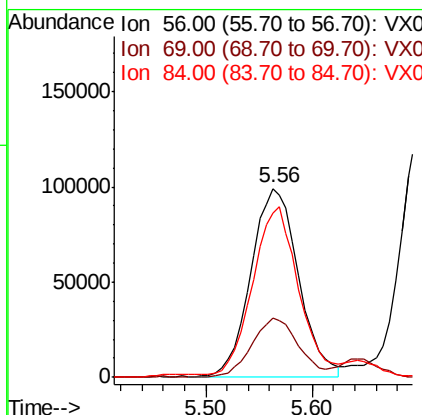
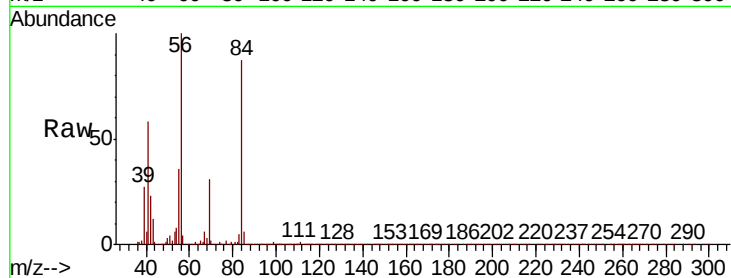




#31
Cyclohexane
Concen: 22.453 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

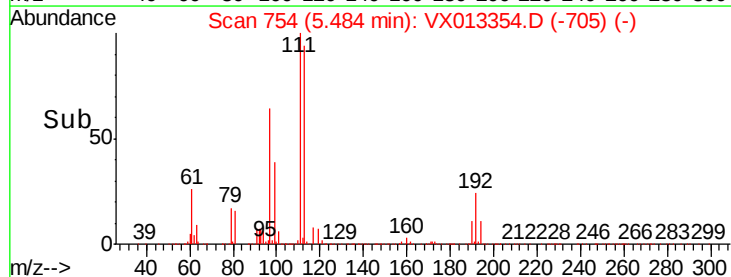
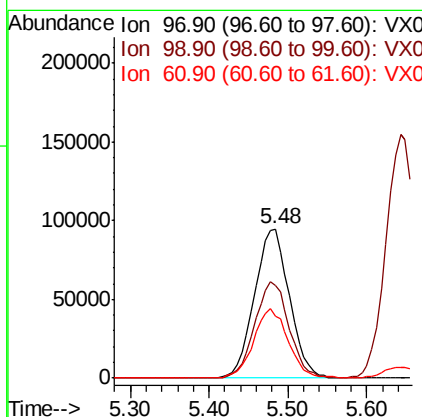
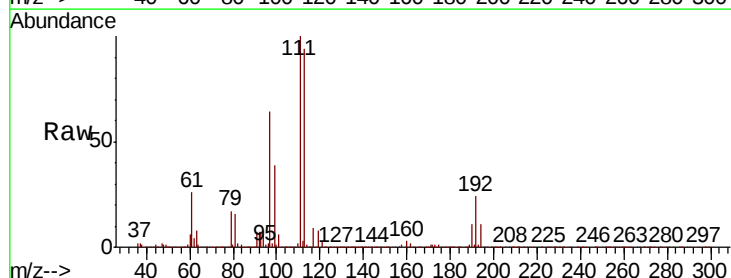
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

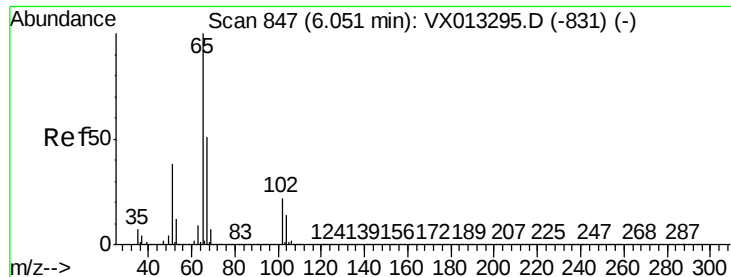
Tot Ion: 56 Resp: 308657
Ion Ratio Lower Upper
56 100
69 31.1 23.7 35.5
84 85.1 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 22.504 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion: 97 Resp: 292156
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 45.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.726 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

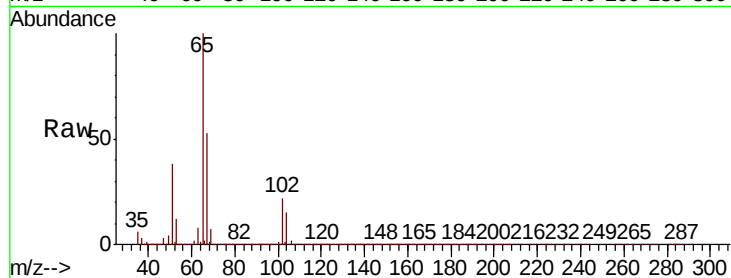
VX1108WBS01

Tot Ion: 65 Resp: 489944

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

150000

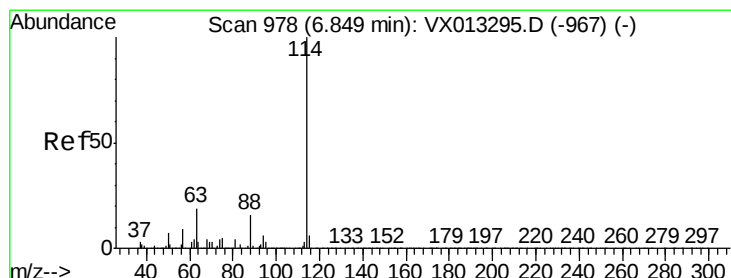
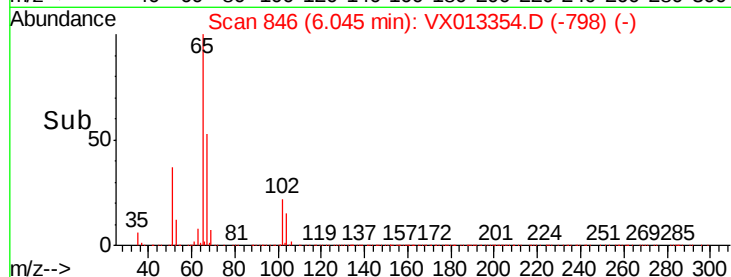
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

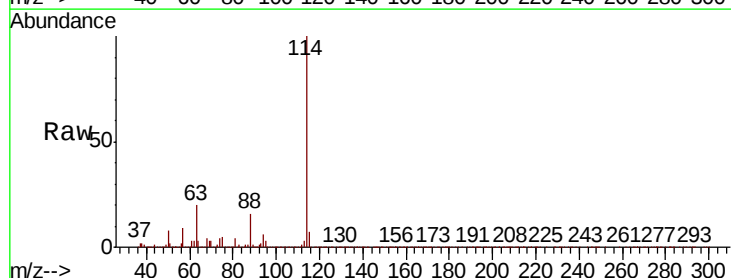
Tgt Ion: 114 Resp: 1270799

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 15.9 0.0 32.2



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

6.84

600000

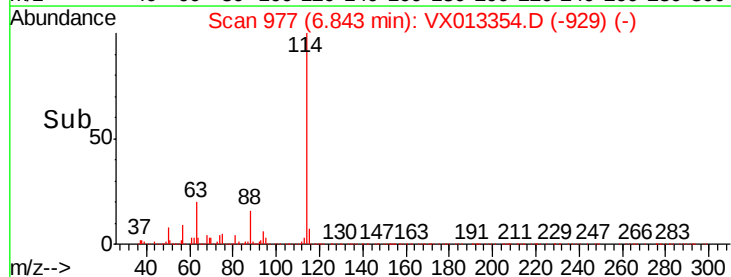
400000

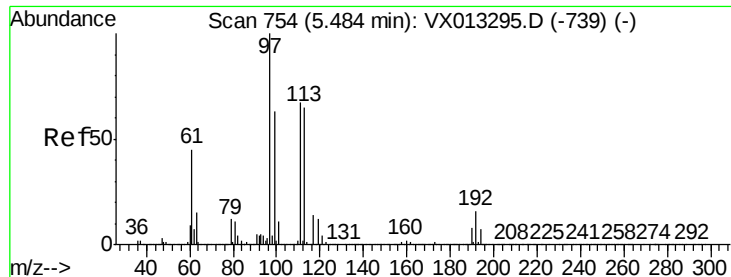
200000

0

6.70 6.80 6.90 7.00 7.10

Time-->

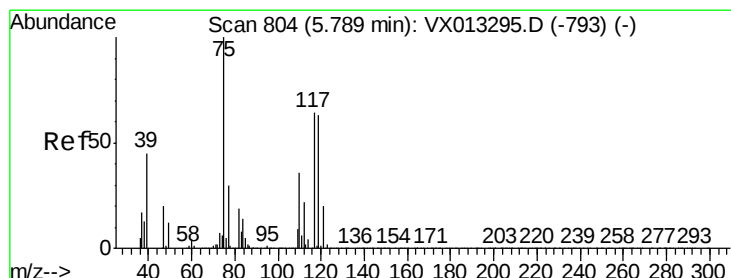
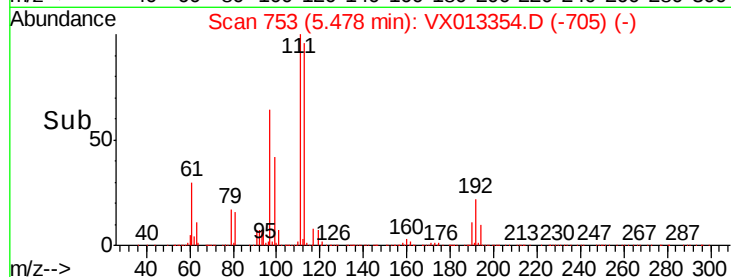
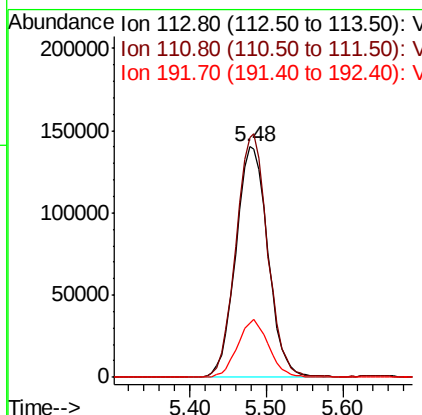
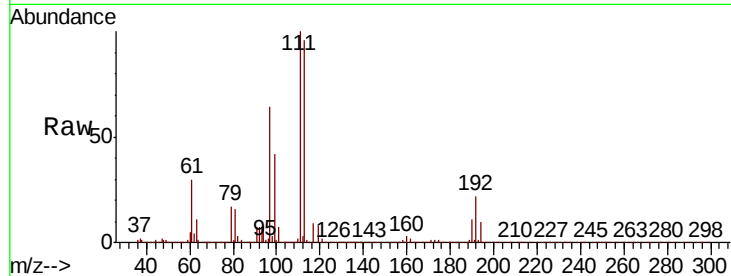




#35
Dibromofluoromethane
Concen: 51.044 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

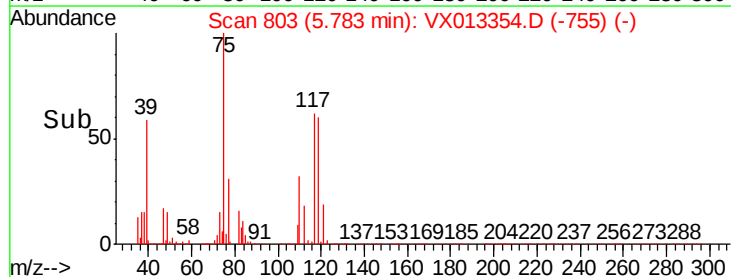
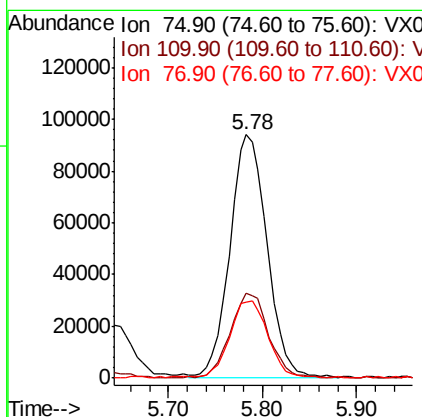
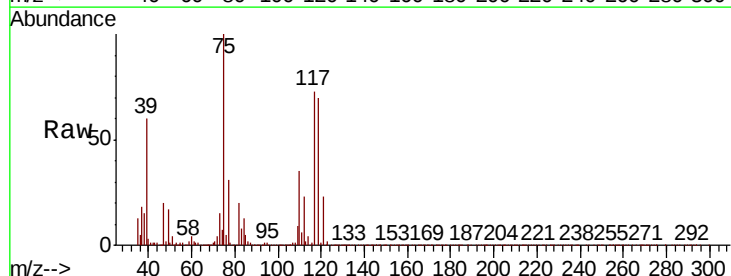
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

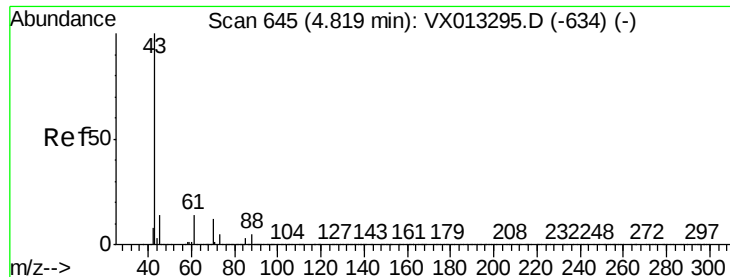
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	24.3	19.1	28.7



#36
1,1-Dichloropropene
Concen: 23.557 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.1
77	32.3	25.0	37.4

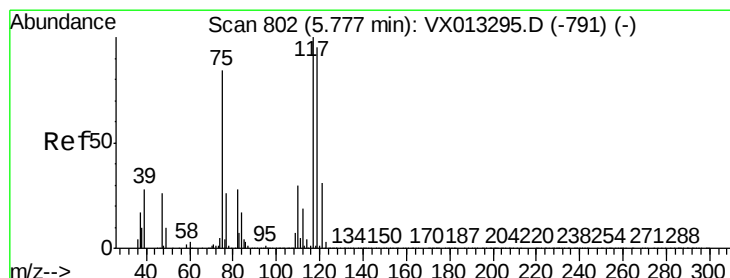
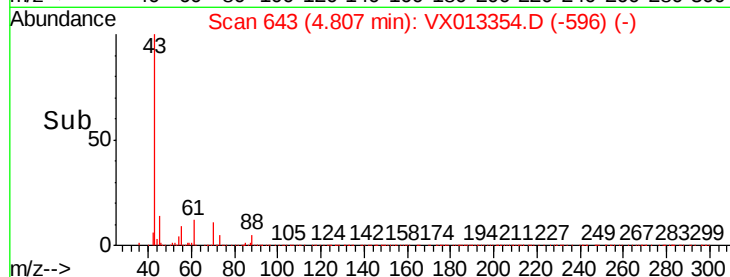
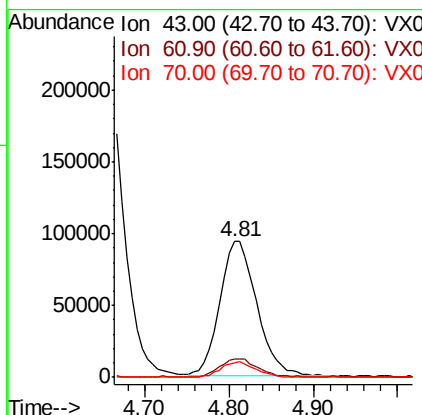
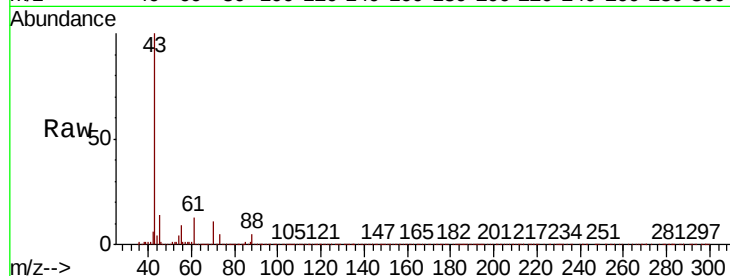




#37
Ethyl Acetate
Concen: 20.860 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

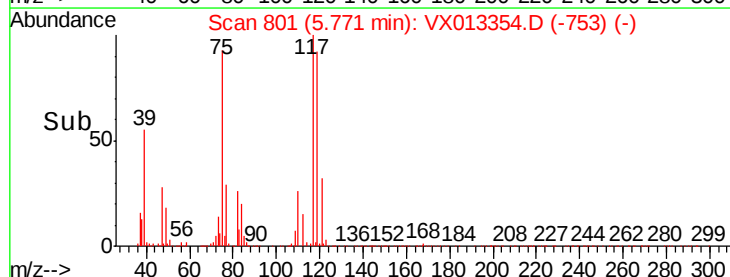
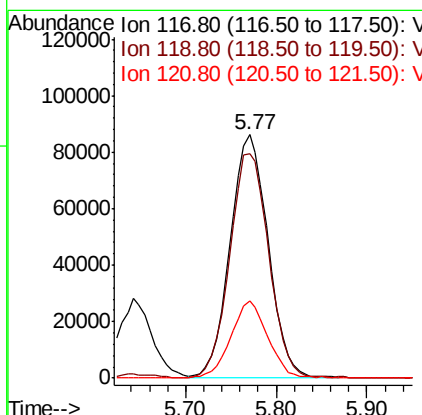
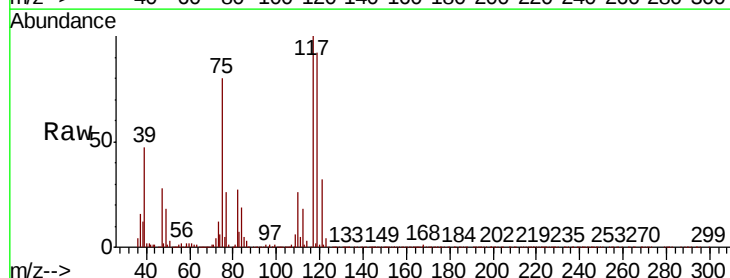
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

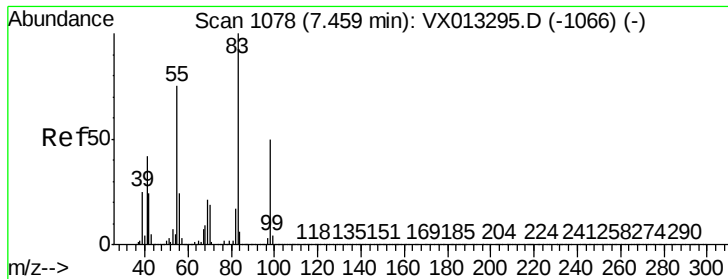
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	11.0	8.7	13.1



#38
Carbon Tetrachloride
Concen: 23.315 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.1	114.1
121	31.7	24.6	37.0

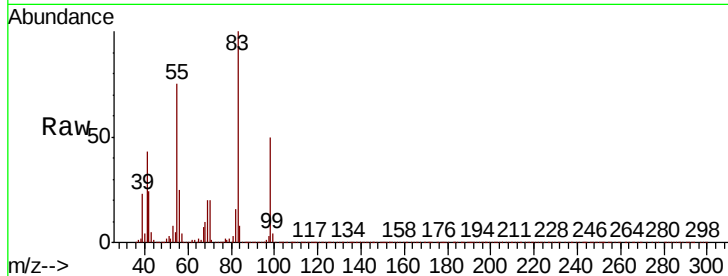




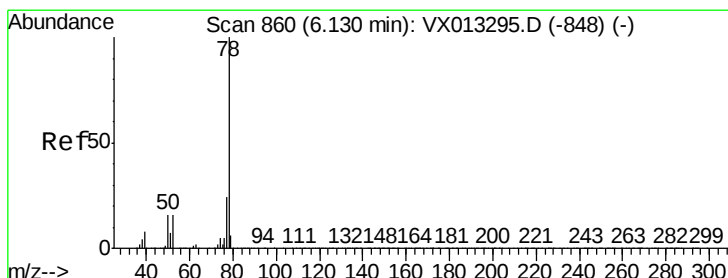
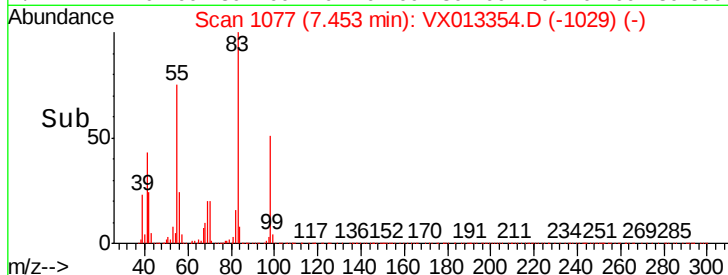
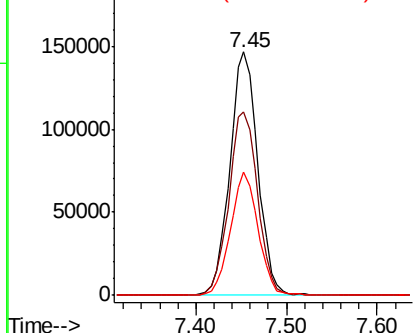
#39
Methvlcvclohexane
Concen: 23.171 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

Tot Ion	83	Resp	314750
Ion Ratio	Lower	Upper	
83	100		
55	75.1	60.3	90.5
98	50.4	40.3	60.5

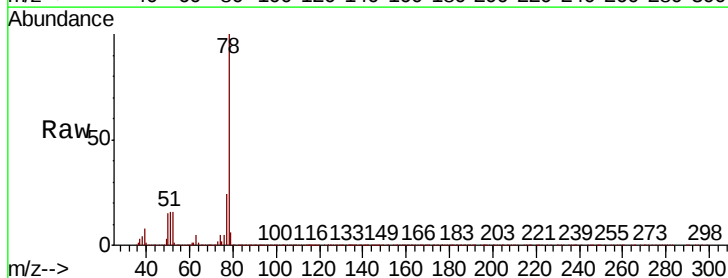


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

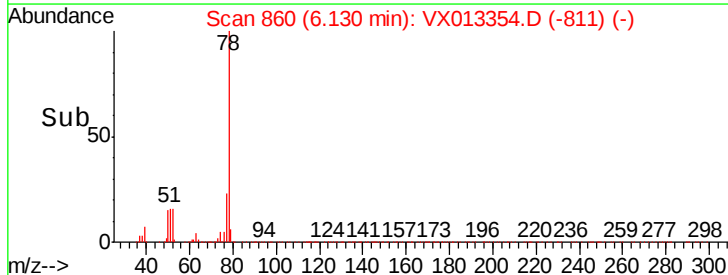
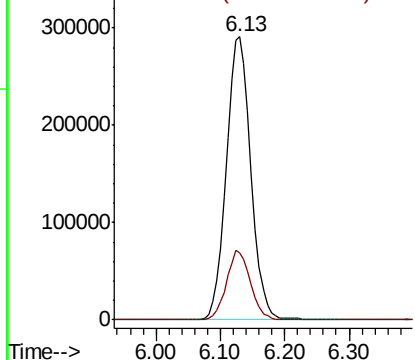


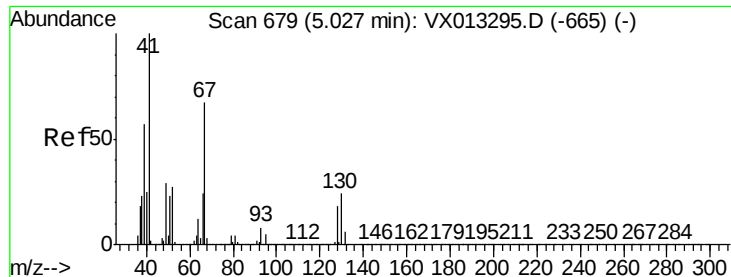
#40
Benzene
Concen: 22.802 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion	78	Resp	774338
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

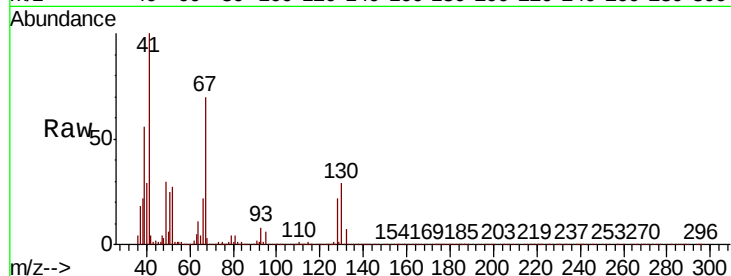




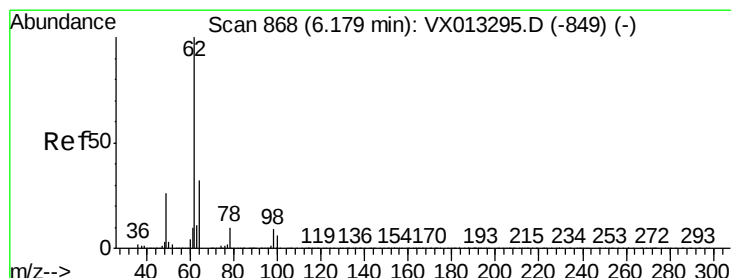
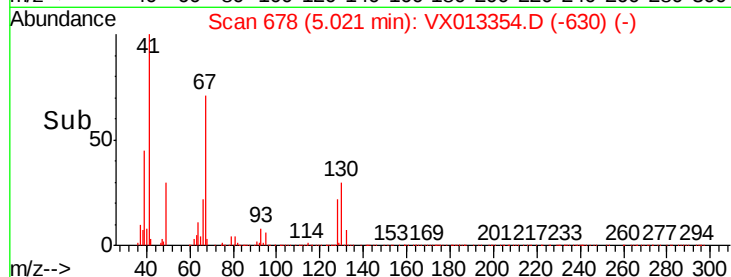
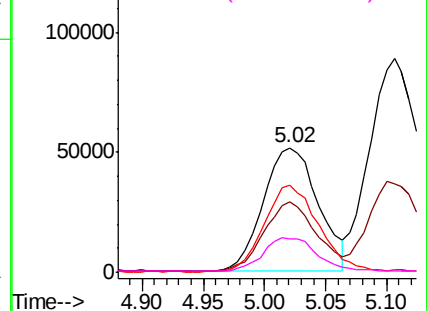
#41
Methacrylonitrile
Concen: 21.462 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Instrument :
MSVOA_X
ClientSampled :
VX1108WBS01

Tot Ion:	41	Resp:	162047
Ion	Ratio	Lower	Upper
41	100		
39	53.8	45.0	67.6
67	69.0	55.4	83.2
52	26.9	23.1	34.7

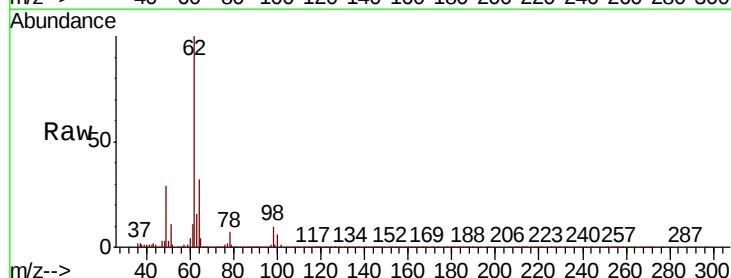


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

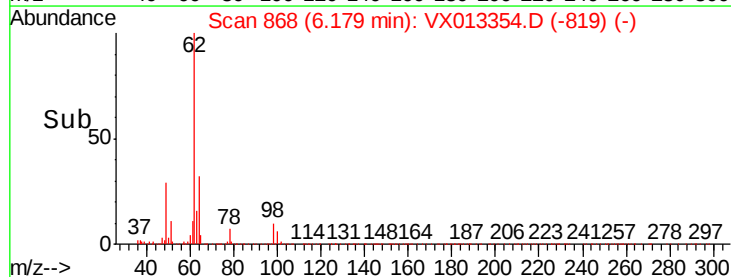
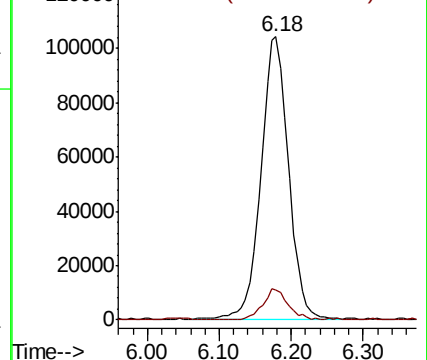


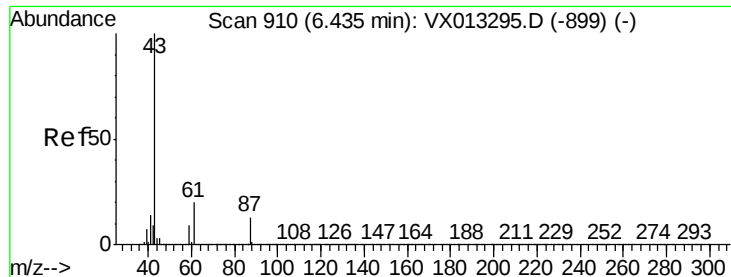
#42
1,2-Dichloroethane
Concen: 22.422 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion:	62	Resp:	274654
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



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



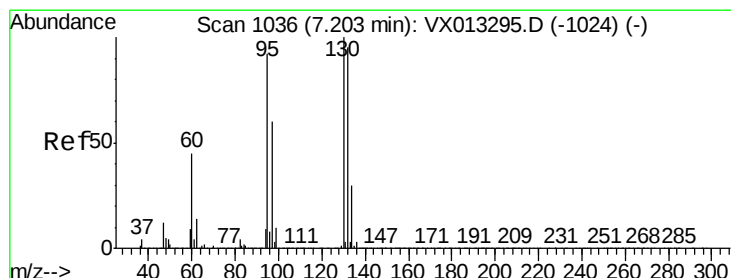
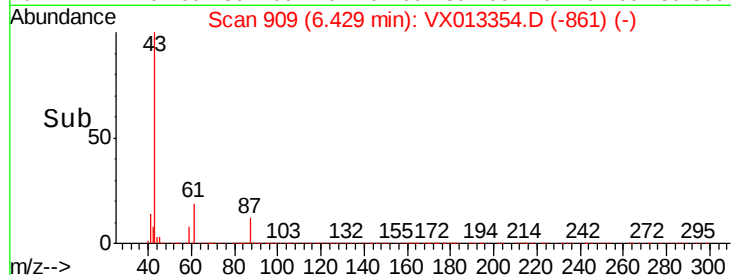
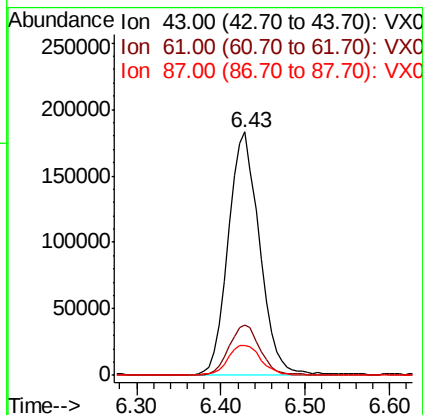
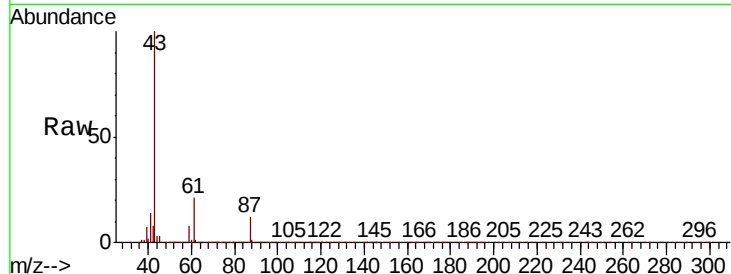


#43

Isopropyl Acetate
 Concen: 21.896 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1108WBS01

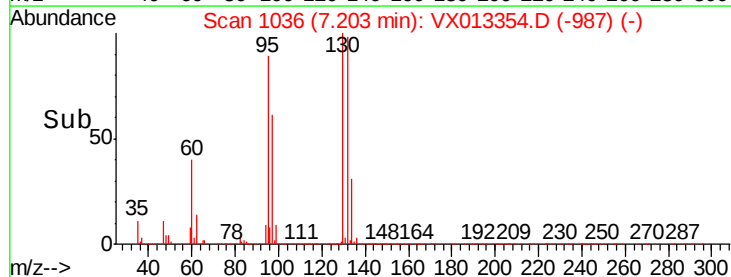
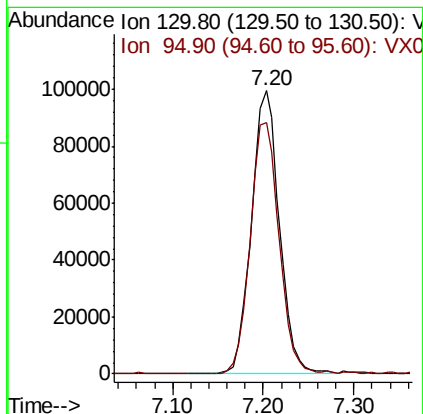
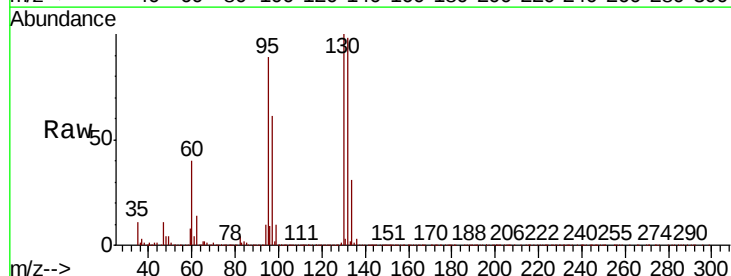
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.8	23.8
87	12.9	10.4	15.6

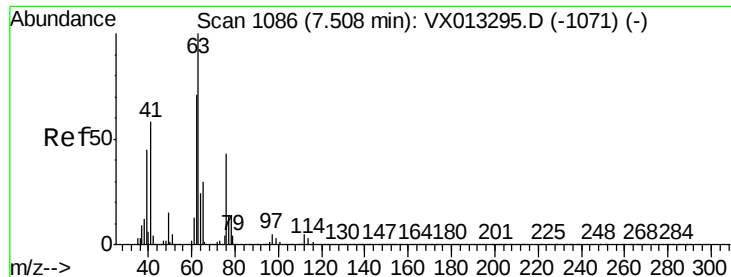


#44

Trichloroethene
 Concen: 22.766 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	184.8

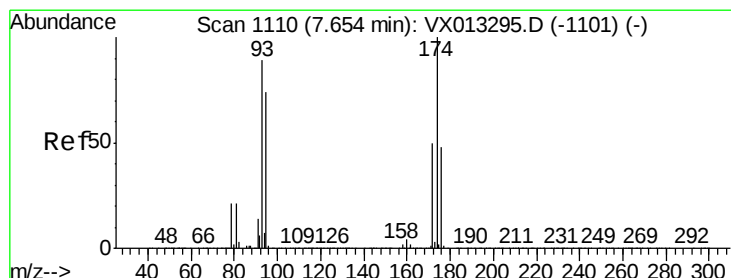
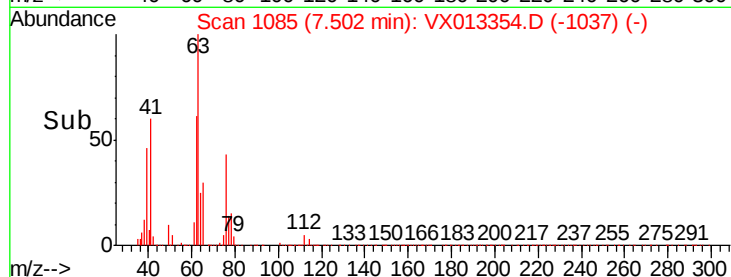
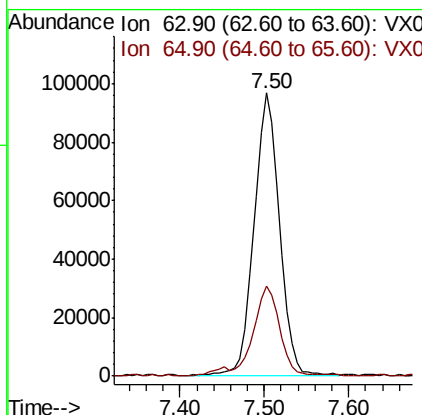
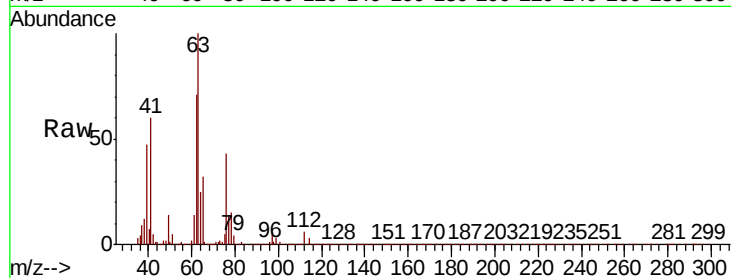




#45
 1,2-Dichloropropane
 Concen: 23.165 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

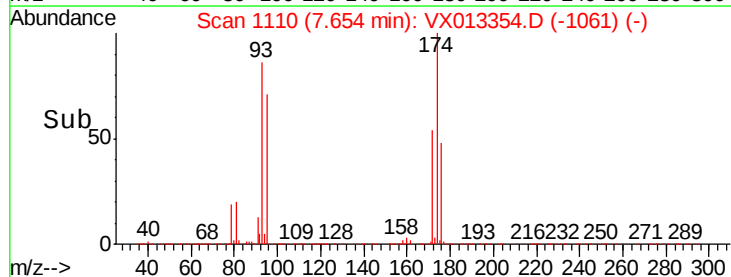
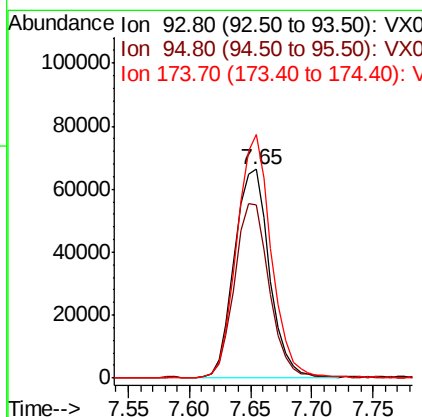
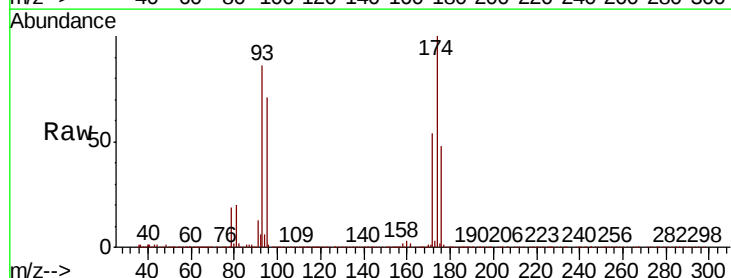
Instrument :
 MSVOA_X
 ClientSampled :
 VX1108WBS01

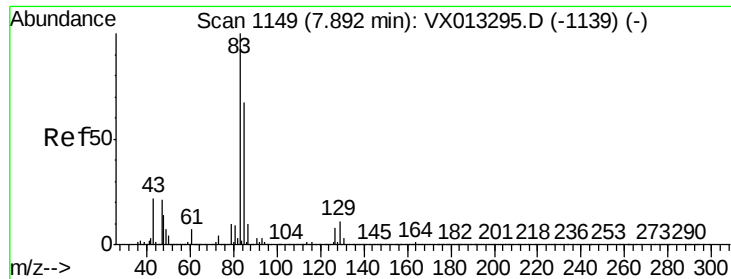
Tot Ion: 63 Resp: 200440
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 22.234 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Tgt Ion: 93 Resp: 131354
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.6
 174 115.2 90.4 135.6





#47

Bromodichloromethane

Concen: 23.418 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

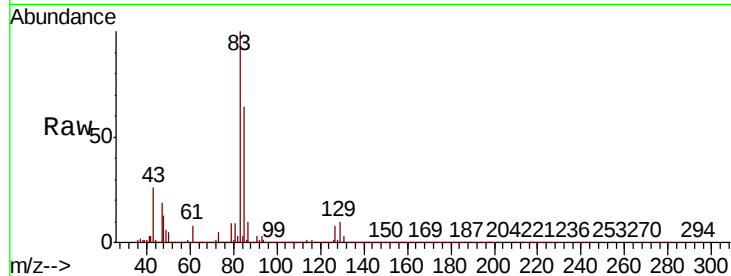
Tot Ion: 83 Resp: 260886

Ion Ratio Lower Upper

83 100

85 63.7 53.7 80.5

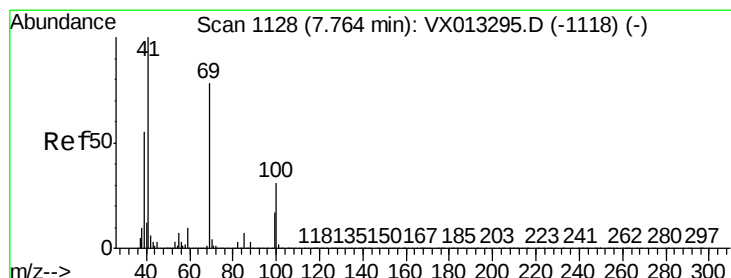
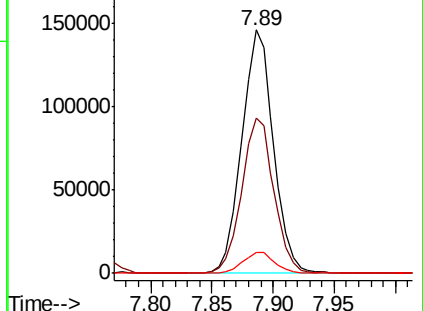
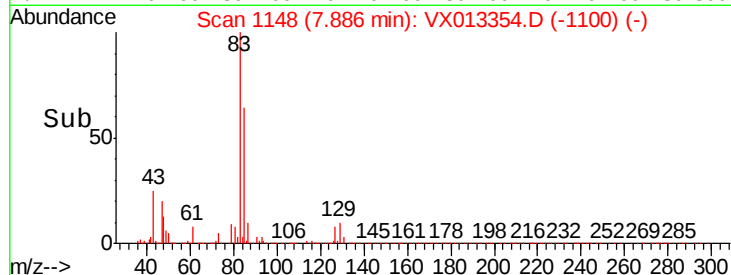
127 8.3 6.4 9.6



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: 21.901 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

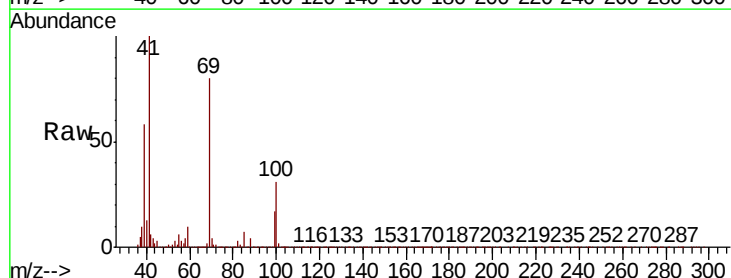
Tgt Ion: 41 Resp: 229333

Ion Ratio Lower Upper

41 100

69 81.2 63.0 94.6

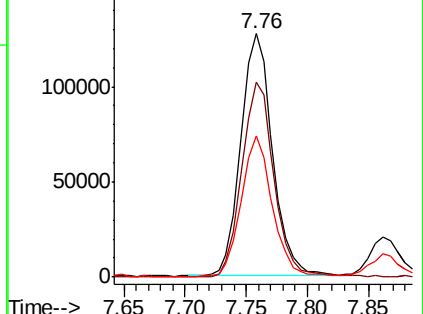
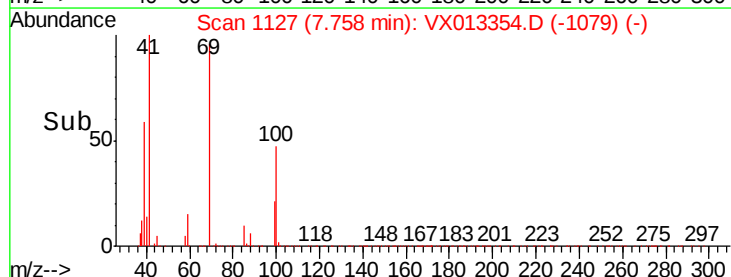
39 56.6 45.9 68.9

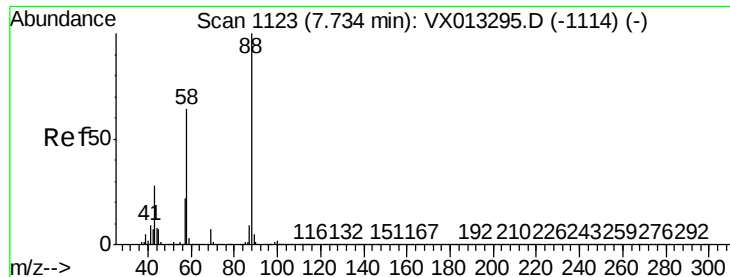


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 392.029 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

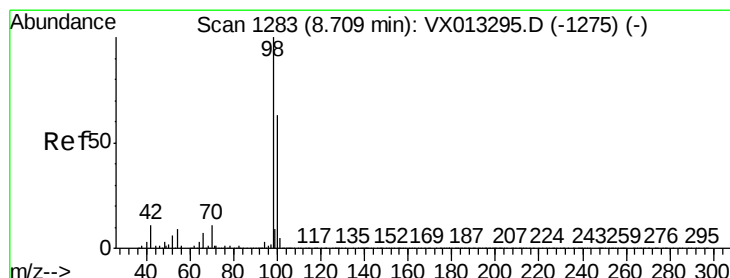
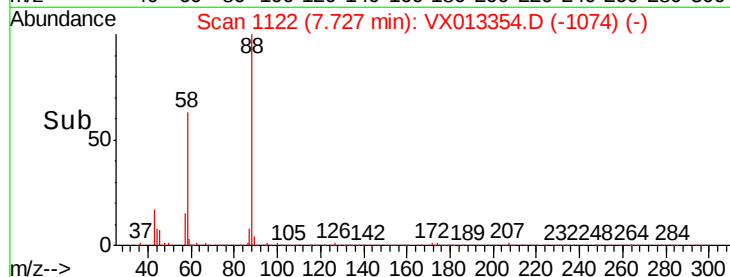
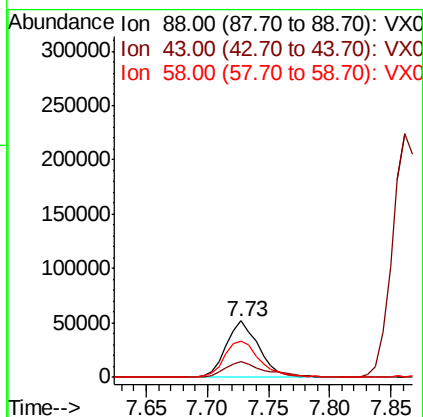
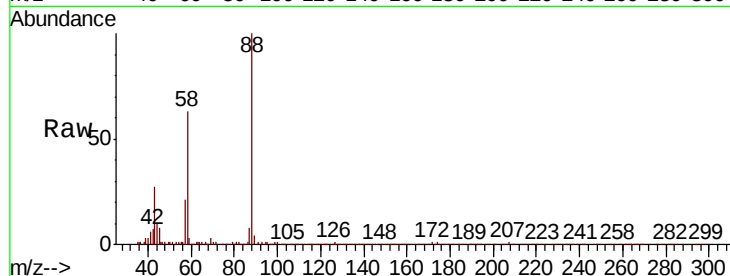
Tot Ion: 88 Resp: 94009

Ion Ratio Lower Upper

88 100

43 33.5 26.6 39.8

58 70.1 55.0 82.6



#50

Toluene-d8

Concen: 52.198 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013354.D

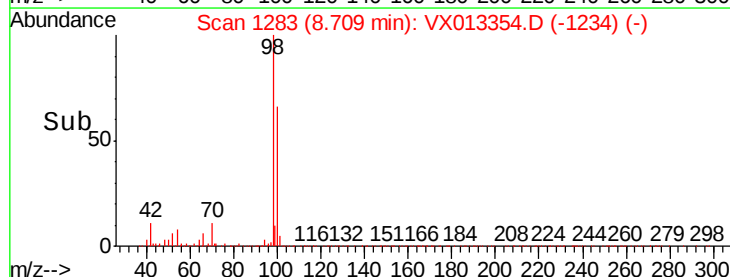
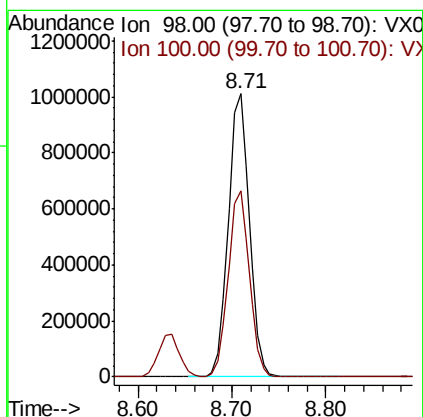
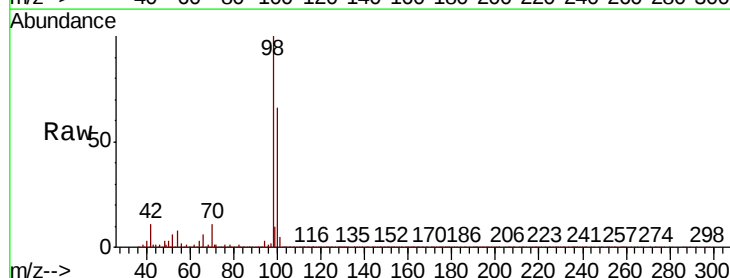
Acq: 08 Nov 2019 11:06

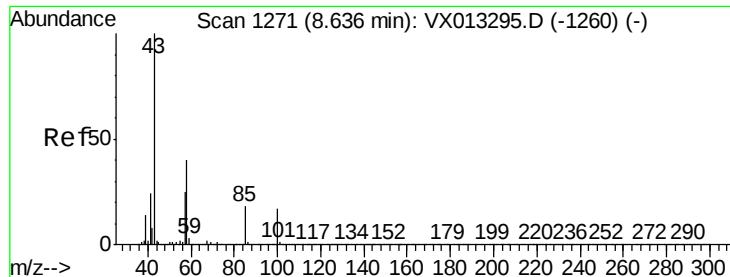
Tgt Ion: 98 Resp: 1568465

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 105.047 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampled :

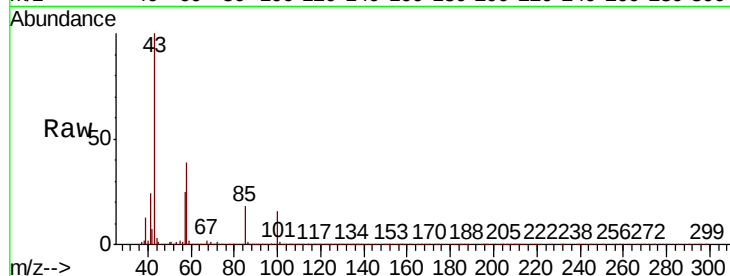
VX1108WBS01

Tot Ion: 43 Resp: 1445729

Ion Ratio Lower Upper

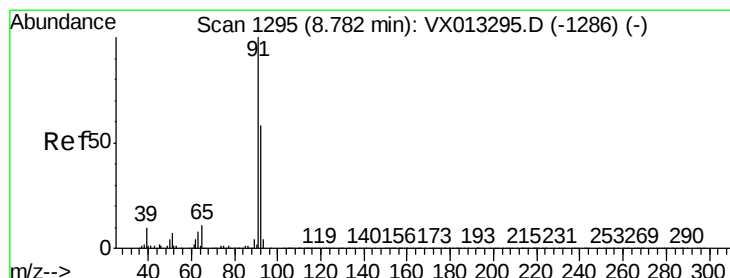
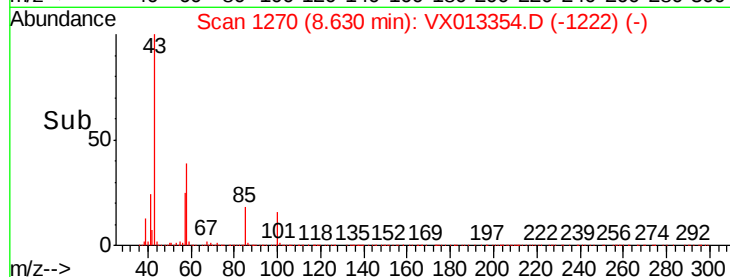
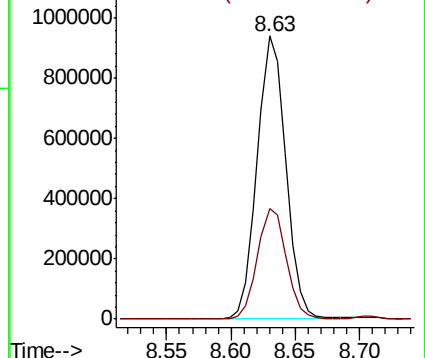
43 100

58 39.4 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 23.275 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013354.D

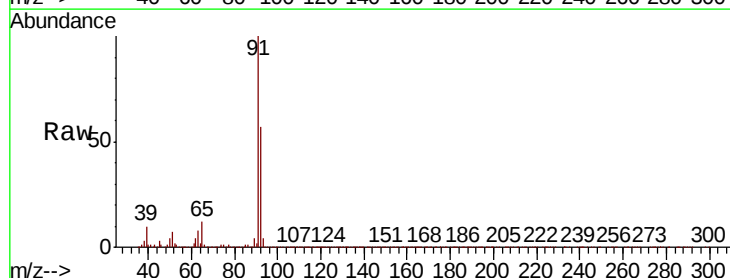
Acq: 08 Nov 2019 11:06

Tgt Ion: 92 Resp: 489874

Ion Ratio Lower Upper

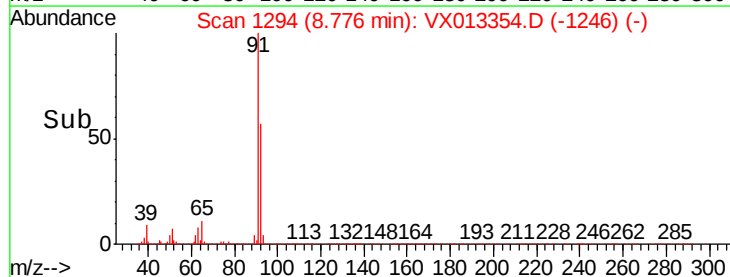
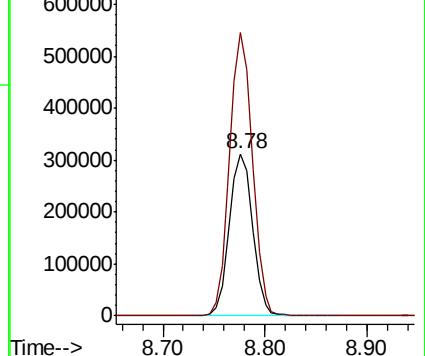
92 100

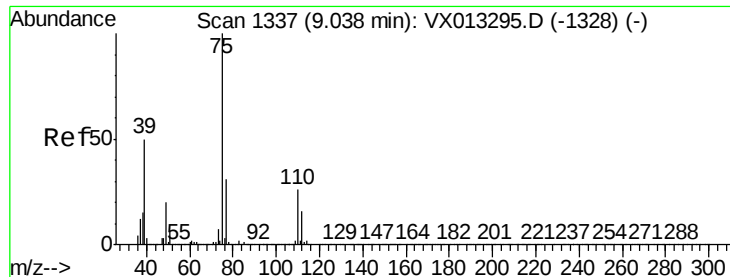
91 172.4 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 23.705 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

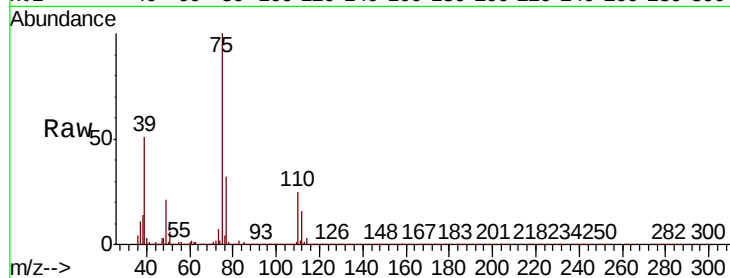
VX1108WBS01

Tot Ion: 75 Resp: 288771

Ion Ratio Lower Upper

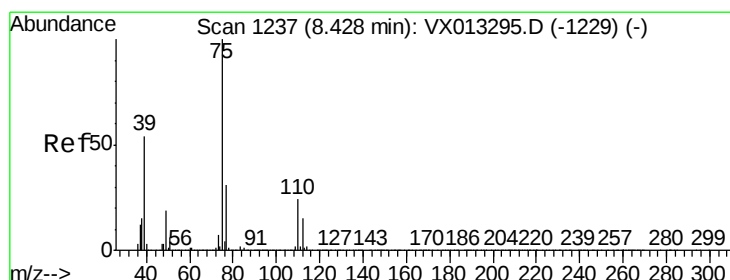
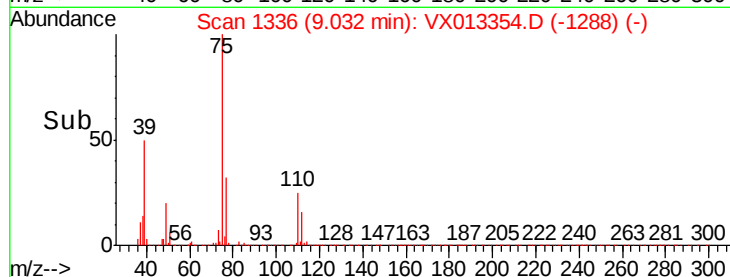
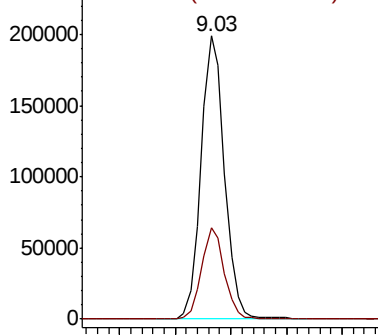
75 100

77 32.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 23.359 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

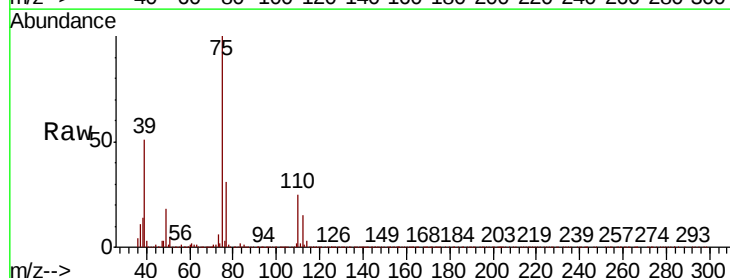
Tgt Ion: 75 Resp: 318303

Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1

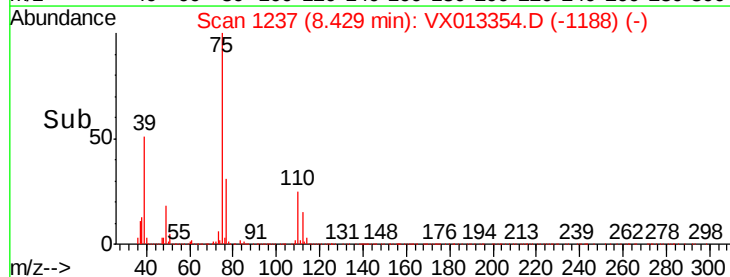
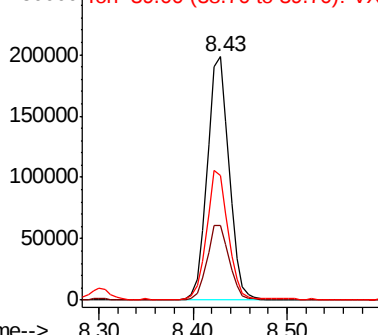
39 51.0 43.0 64.6

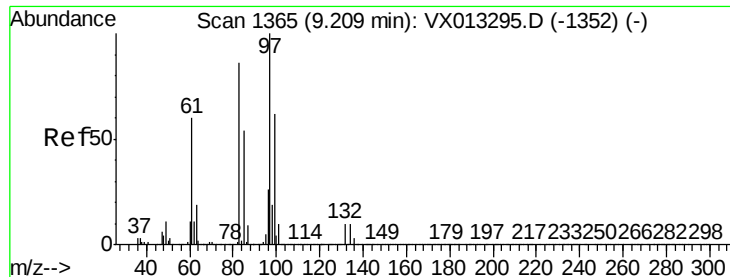


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 23.051 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

Tot Ion: 97 Resp: 201095

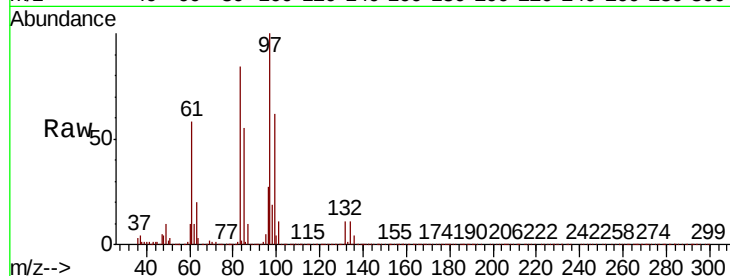
Ion Ratio Lower Upper

97 100

83 84.0 68.6 103.0

85 54.9 43.1 64.7

99 61.6 49.4 74.0

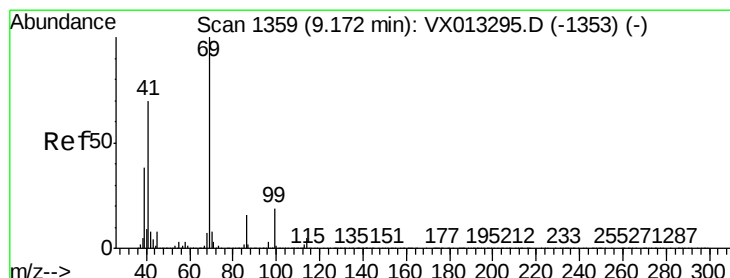
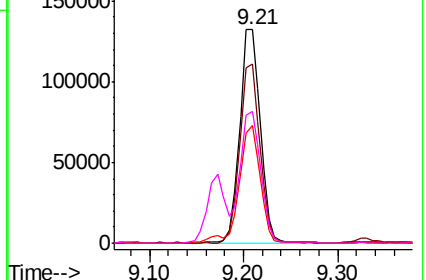
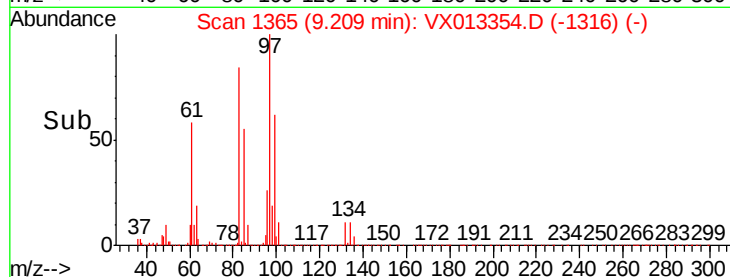


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.670 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

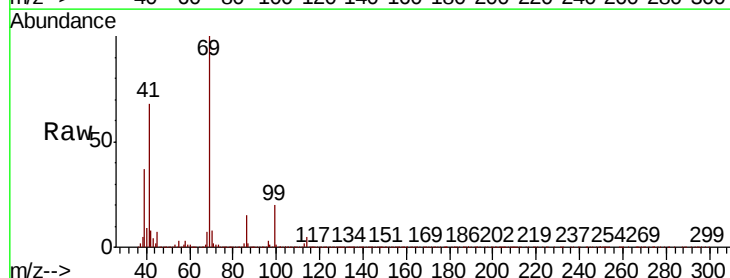
Tgt Ion: 69 Resp: 309136

Ion Ratio Lower Upper

69 100

41 69.8 56.2 84.2

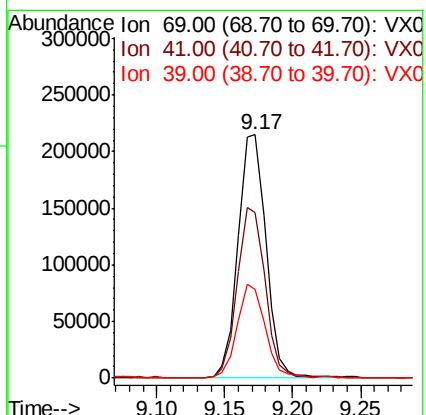
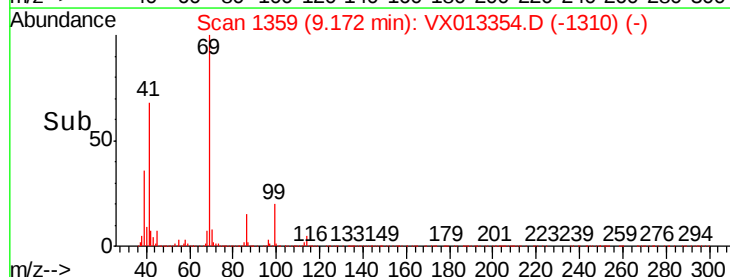
39 37.5 31.1 46.7

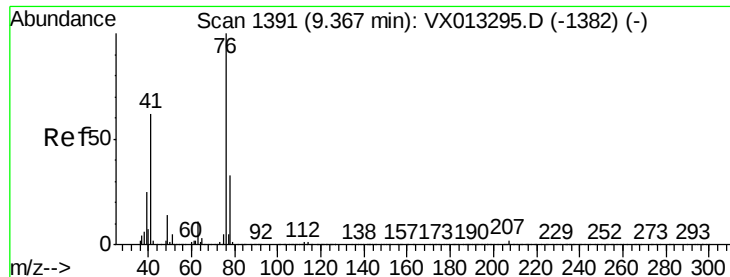


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 22.754 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampled :

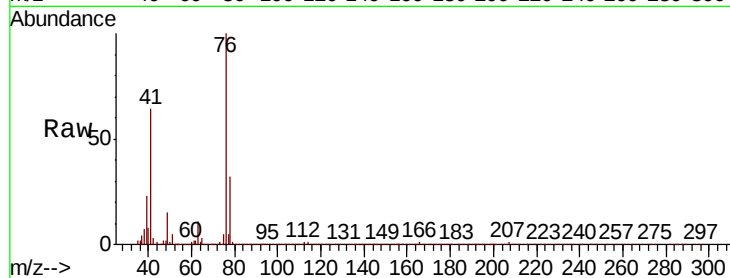
VX1108WBS01

Tot Ion: 76 Resp: 336972

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

250000

200000

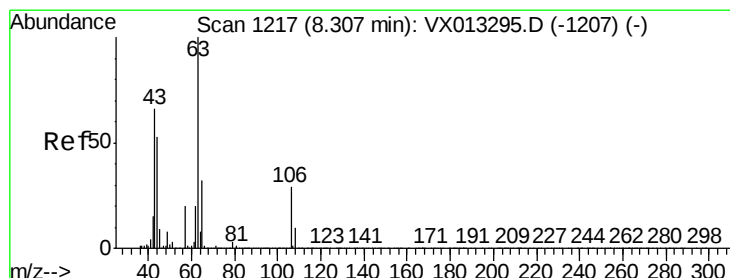
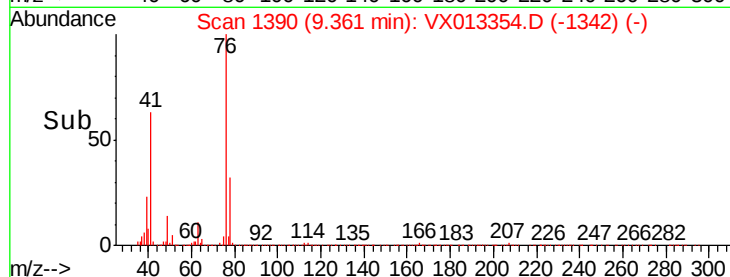
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 109.344 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013354.D

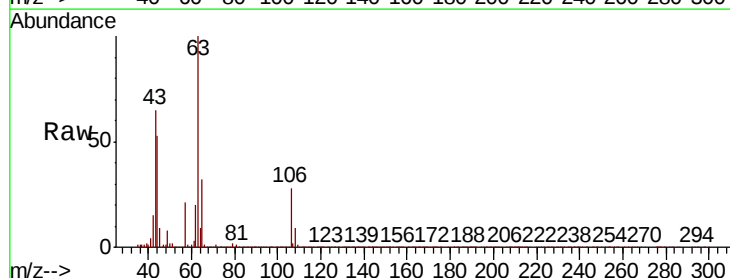
Acq: 08 Nov 2019 11:06

Tgt Ion: 63 Resp: 652242

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

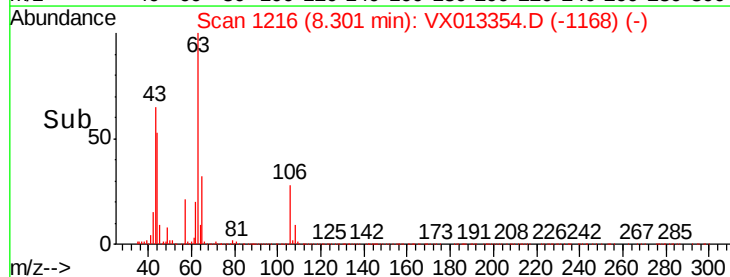
300000

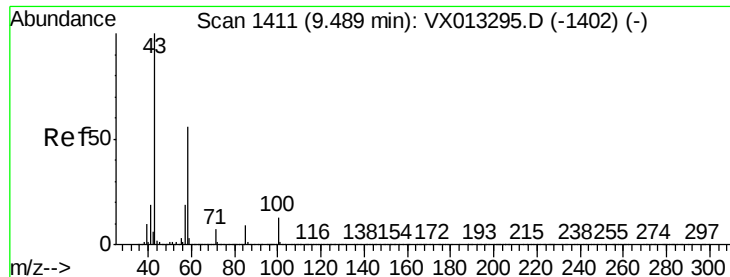
200000

100000

0

Time-->

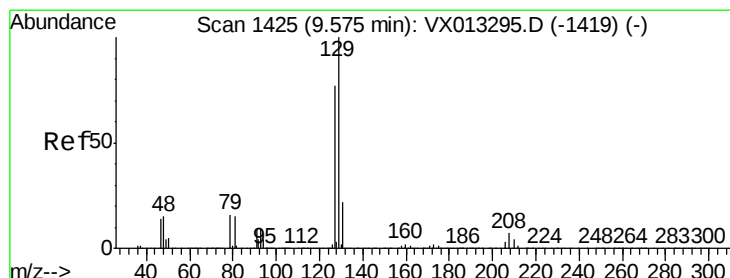
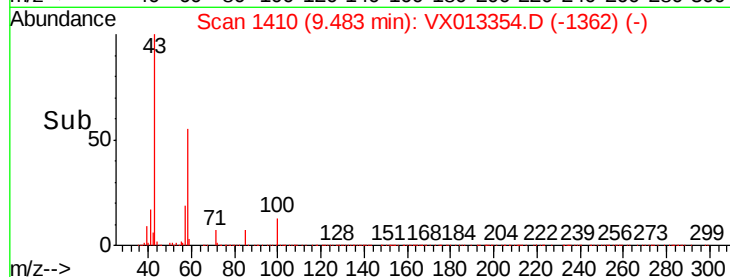
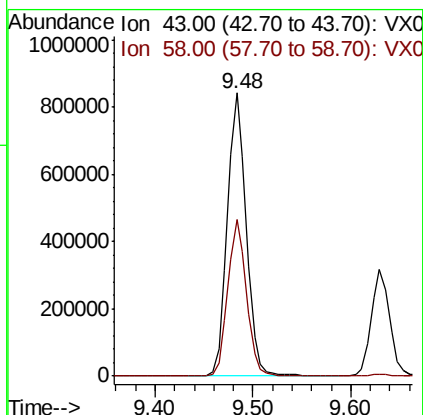
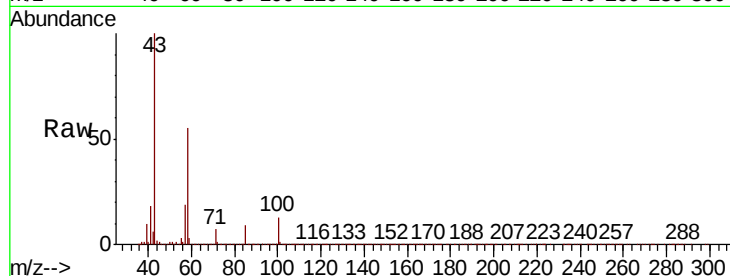




#59
2-Hexanone
Concen: 106.016 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

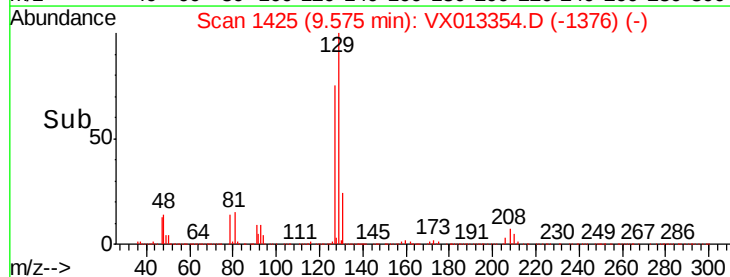
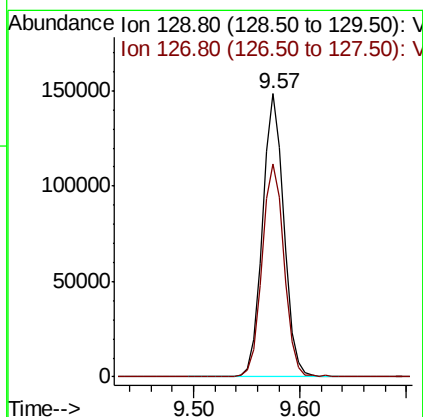
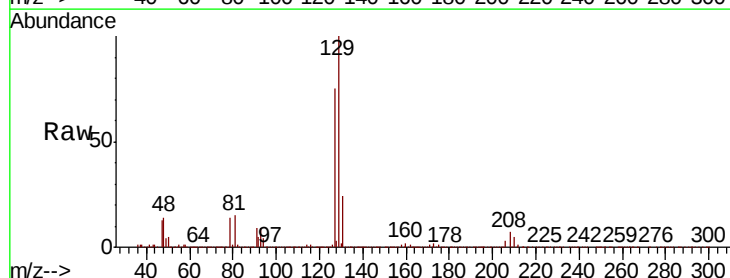
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

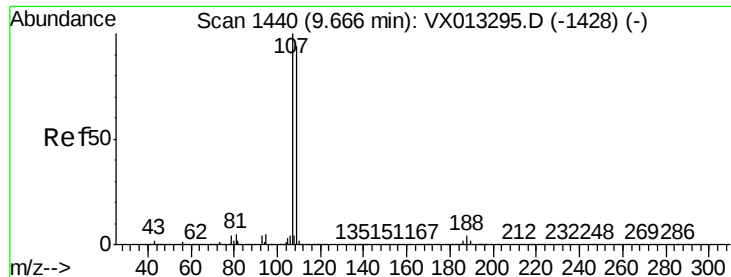
Tot Ion: 43 Resp: 1127532
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8



#60
Dibromochloromethane
Concen: 23.521 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion: 129 Resp: 209864
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.421 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

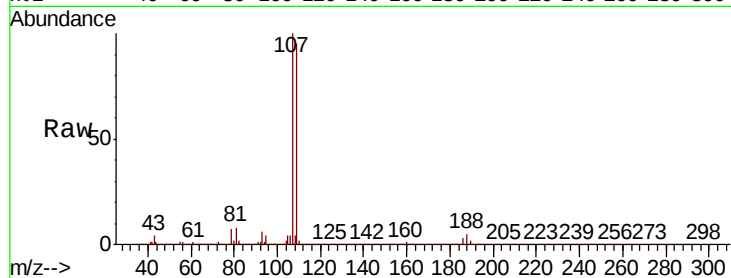
VX1108WBS01

Tot Ion: 107 Resp: 207699

Ion Ratio Lower Upper

107 100

109 94.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

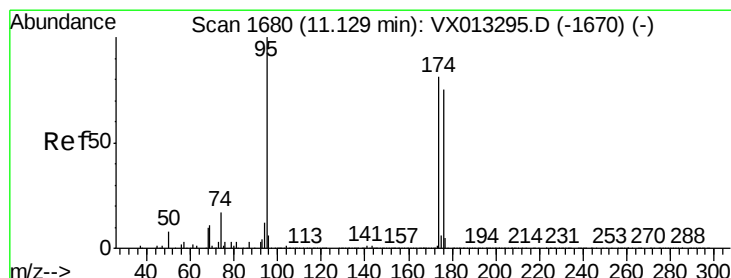
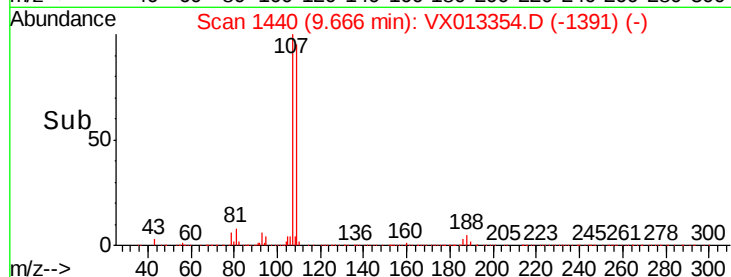
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.821 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

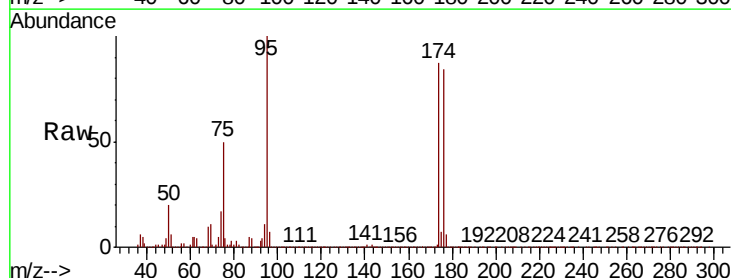
Tgt Ion: 95 Resp: 561980

Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.8

176 87.4 0.0 173.0



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

600000

500000

400000

300000

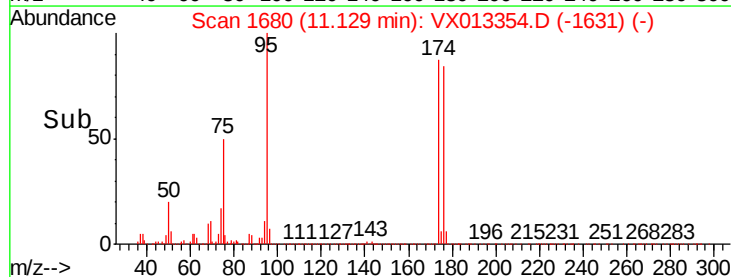
200000

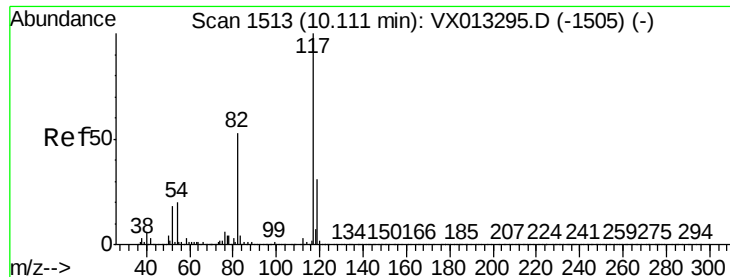
100000

0

11.05 11.10 11.15 11.20

Time-->

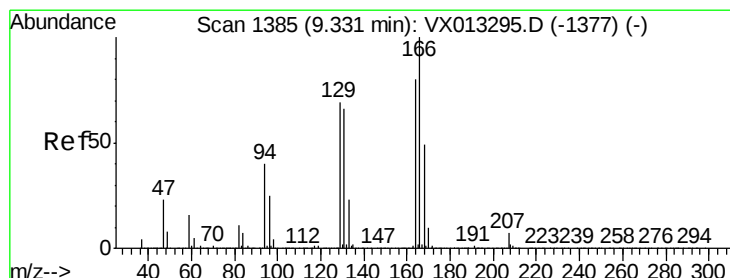
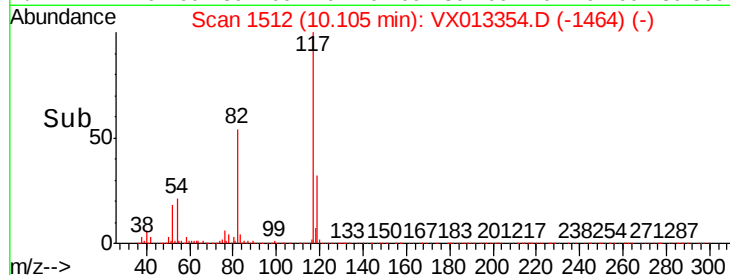
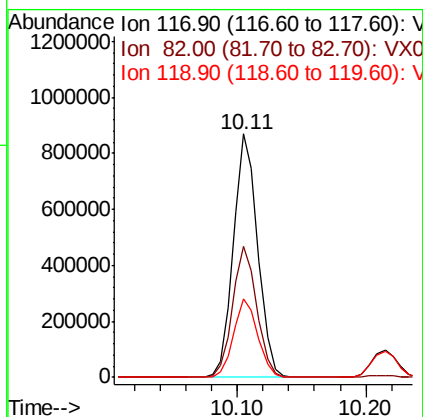
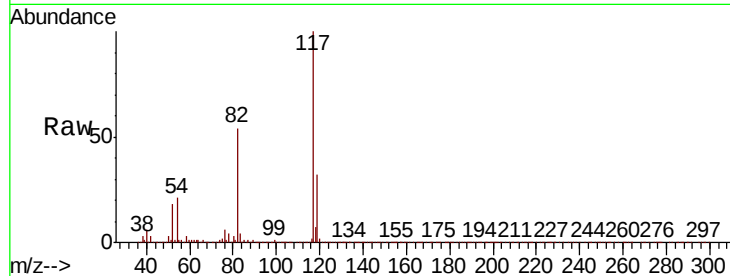




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

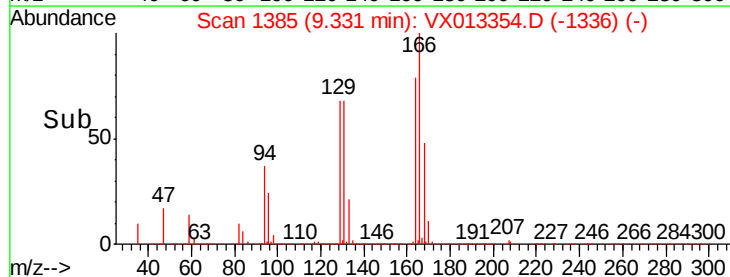
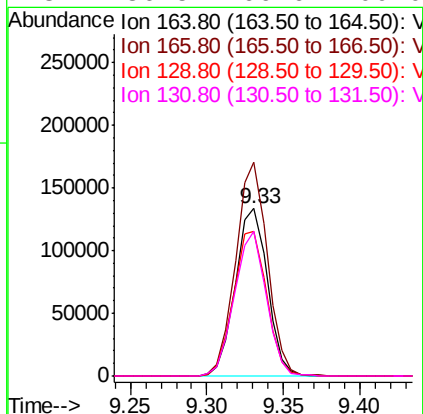
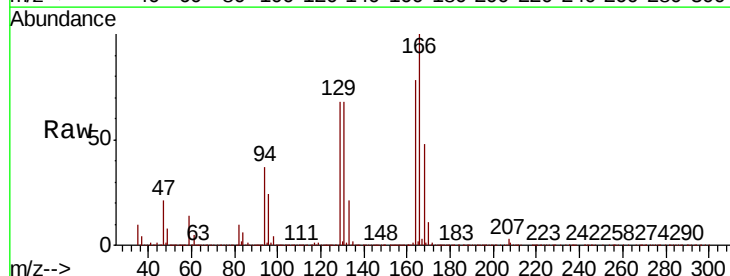
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

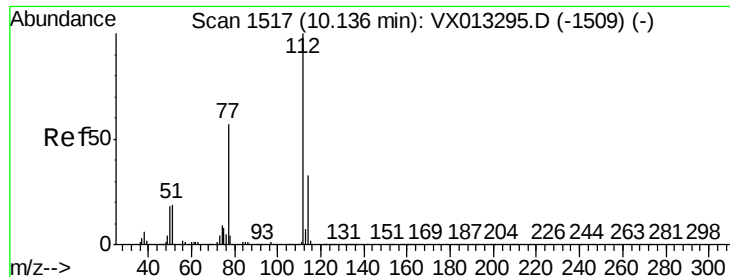
Tot Ion:117 Resp: 1142322
Ion Ratio Lower Upper
117 100
82 53.9 42.6 64.0
119 32.1 24.8 37.2



#64
Tetrachloroethene
Concen: 23.817 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion:164 Resp: 194762
Ion Ratio Lower Upper
164 100
166 127.3 100.4 150.6
129 86.3 69.4 104.2
131 86.5 66.6 100.0





#65

Chlorobenzene

Concen: 22.895 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

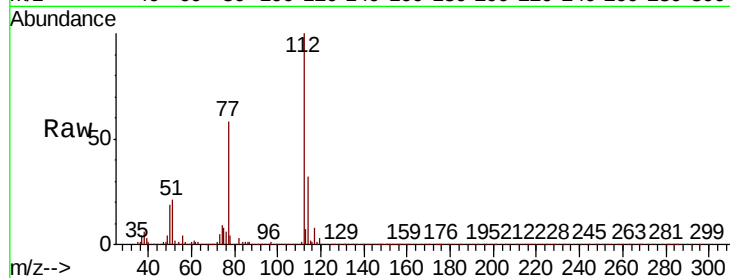
VX1108WBS01

Tot Ion:112 Resp: 529494

Ion Ratio Lower Upper

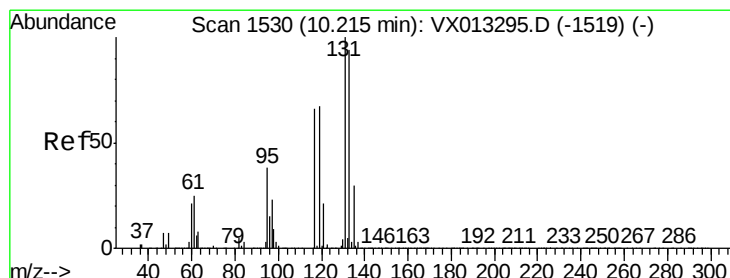
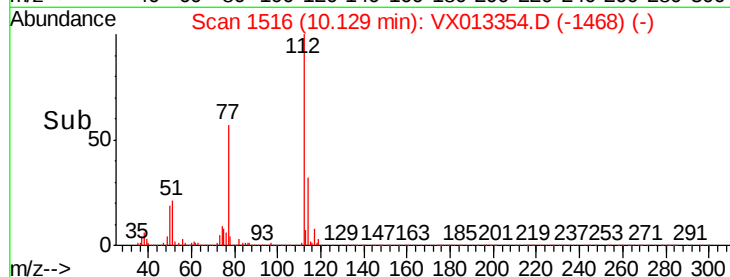
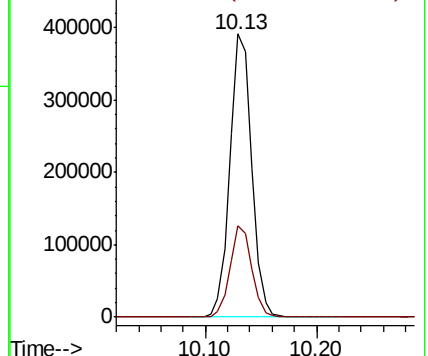
112 100

114 32.0 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 23.278 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

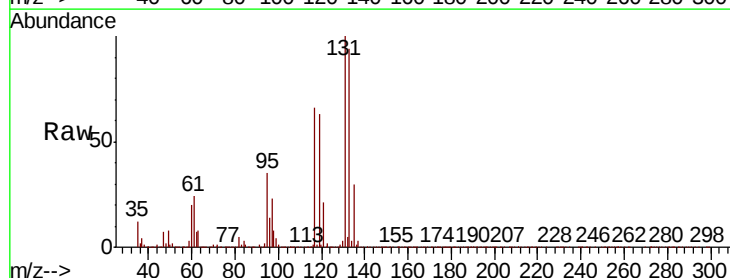
Tgt Ion:131 Resp: 197671

Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.0

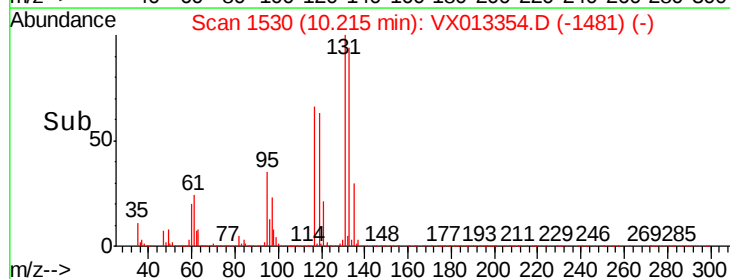
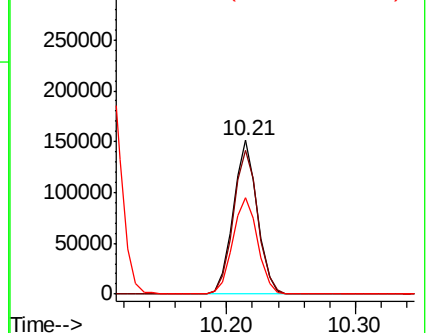
119 64.9 33.0 99.0

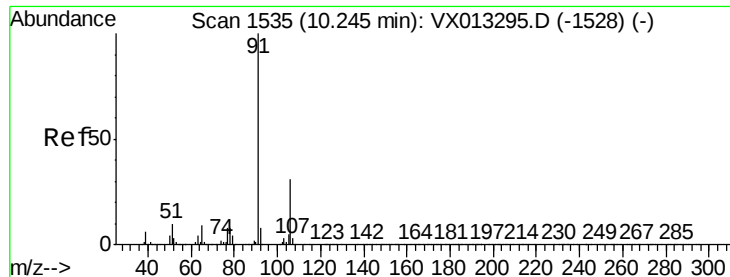


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

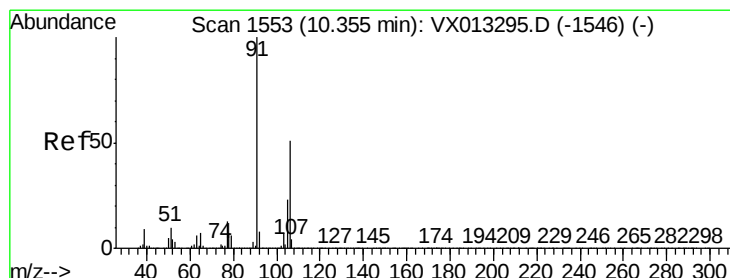
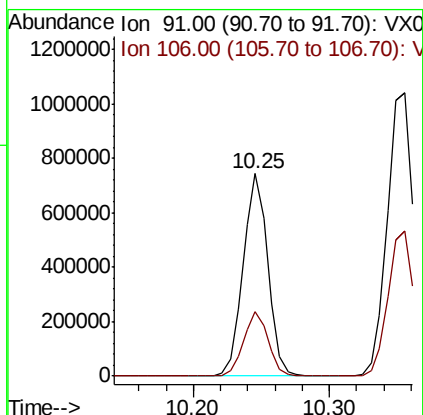
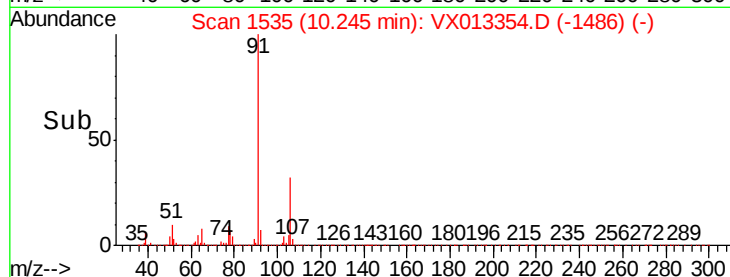
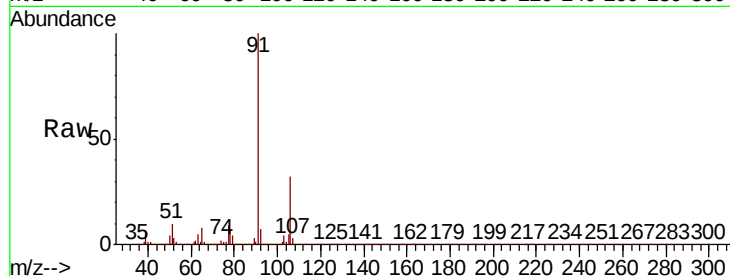




#67
Ethyl Benzene
Concen: 23.515 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

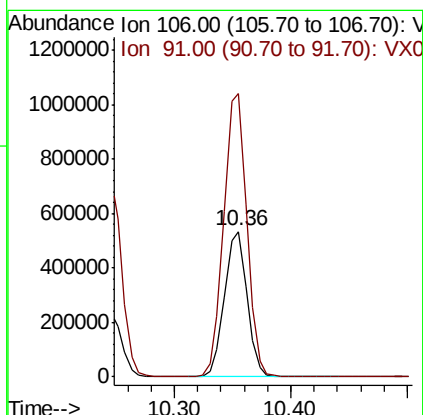
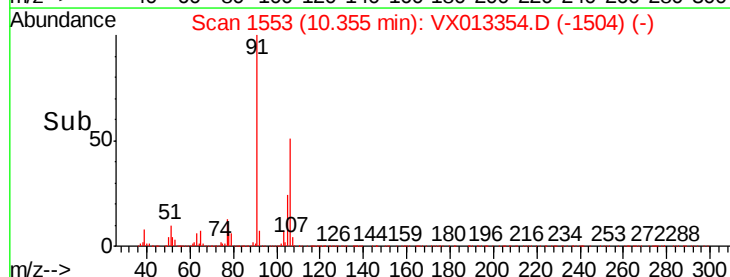
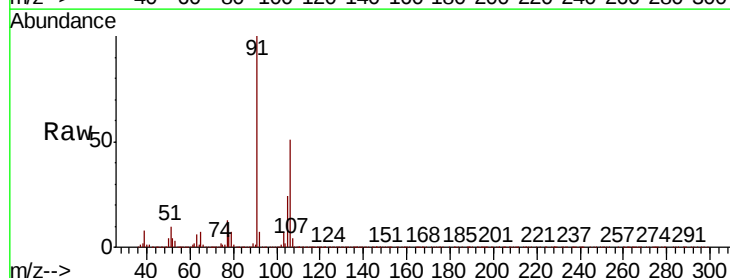
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

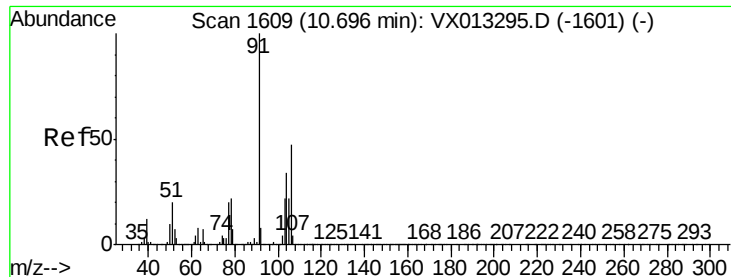
Tot Ion: 91 Resp: 938575
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8



#68
m/p-Xylenes
Concen: 47.540 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion: 106 Resp: 717626
Ion Ratio Lower Upper
106 100
91 199.6 159.3 238.9

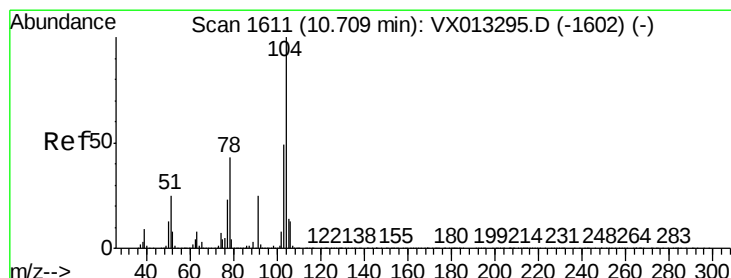
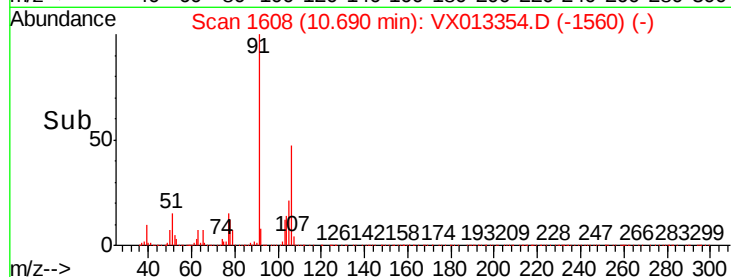
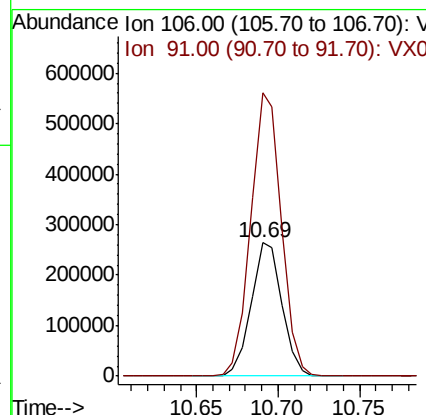
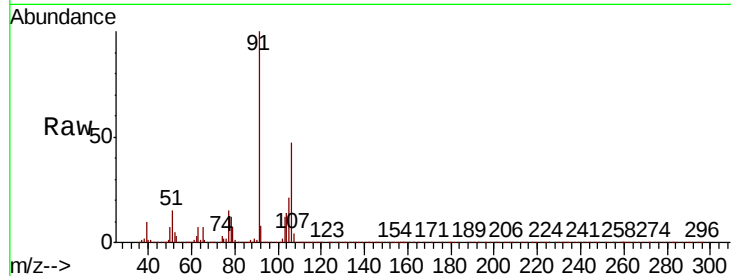




#69
o-Xylene
Concen: 23.451 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

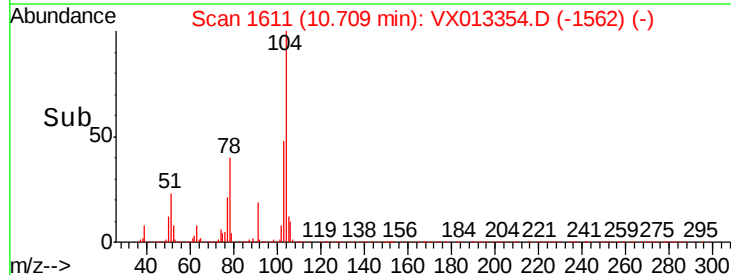
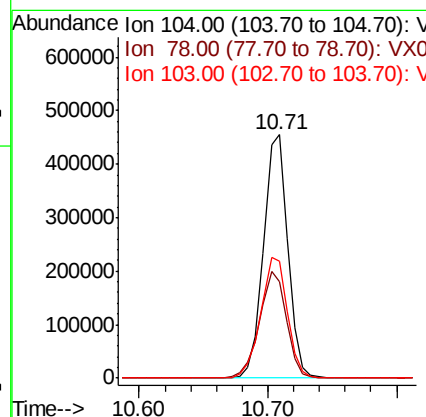
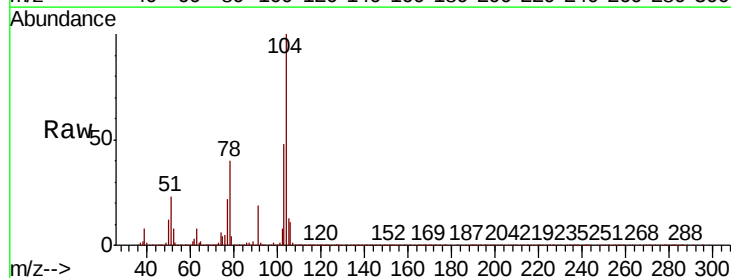
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

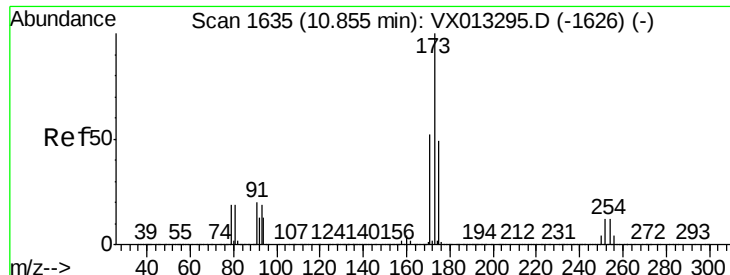
Tot Ion:106 Resp: 346581
Ion Ratio Lower Upper
106 100
91 211.5 105.7 317.0



#70
Styrene
Concen: 23.907 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion:104 Resp: 590608
Ion Ratio Lower Upper
104 100
78 48.0 40.0 60.0
103 54.4 44.1 66.1

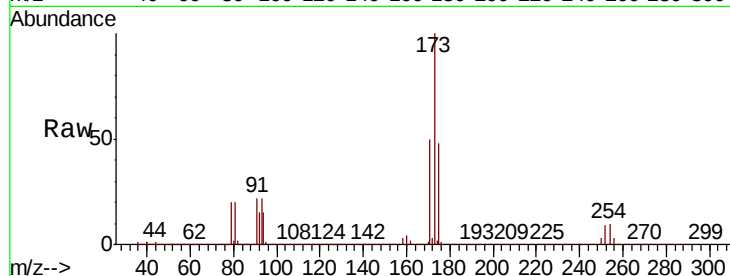




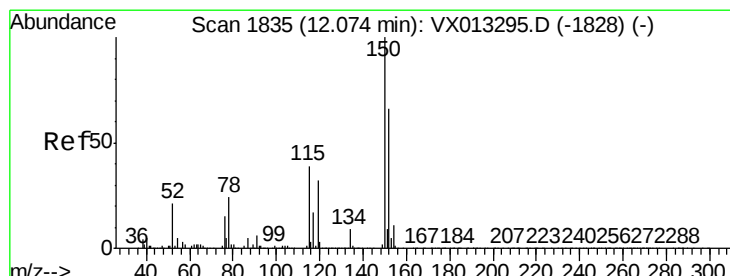
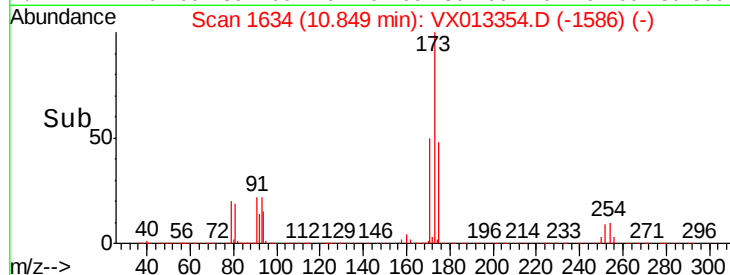
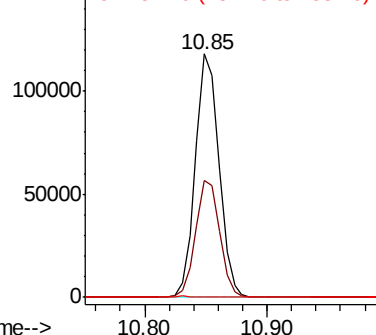
#71
Bromoform
Concen: 21.960 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

Tot Ion:173 Resp: 157788
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.4
254 0.2 0.2 0.2

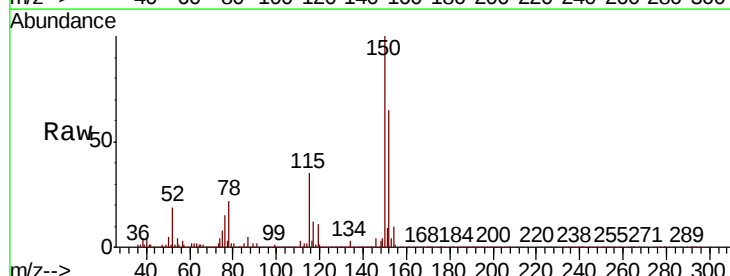


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

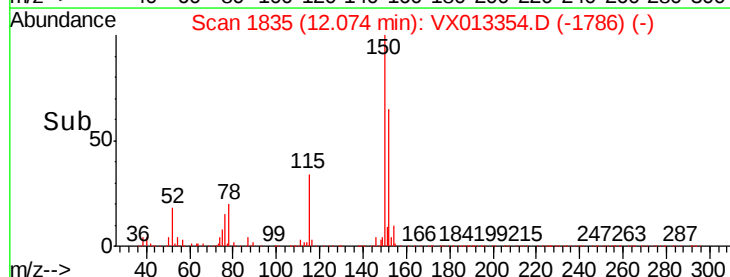
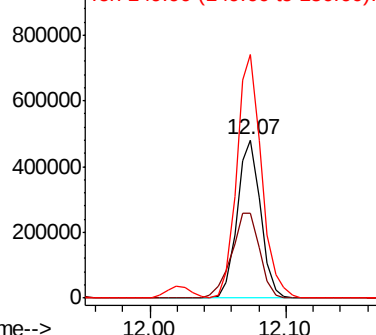


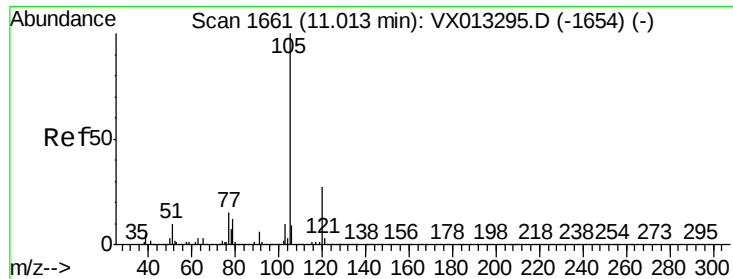
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion:152 Resp: 580298
Ion Ratio Lower Upper
152 100
115 65.1 39.5 118.3
150 163.0 0.0 344.4



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: 24.049 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

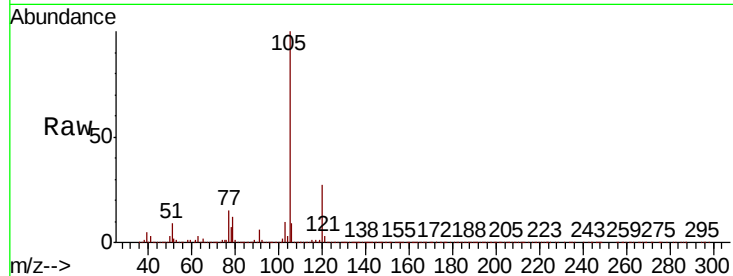
VX1108WBS01

Tot Ion:105 Resp: 925276

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

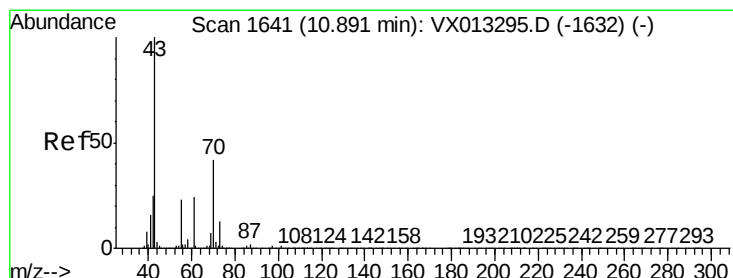
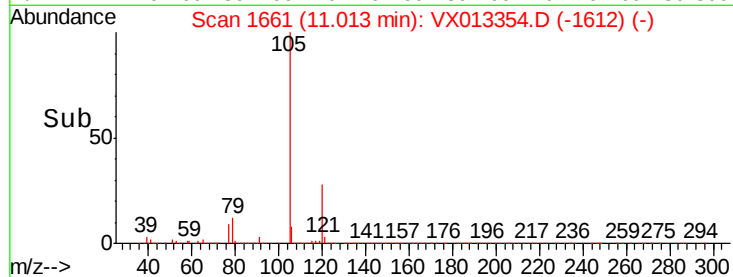
200000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 23.054 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Tgt Ion: 43 Resp: 411314

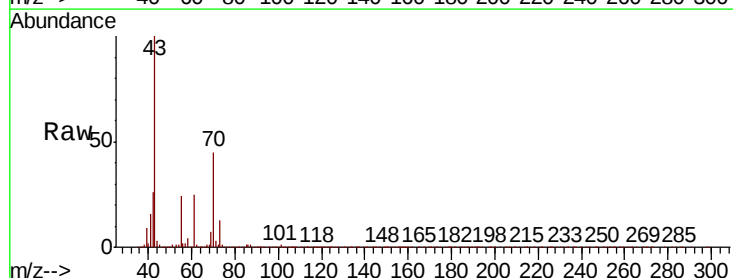
Ion Ratio Lower Upper

43 100

70 43.4 34.1 51.1

55 23.6 18.9 28.3

61 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

300000

200000

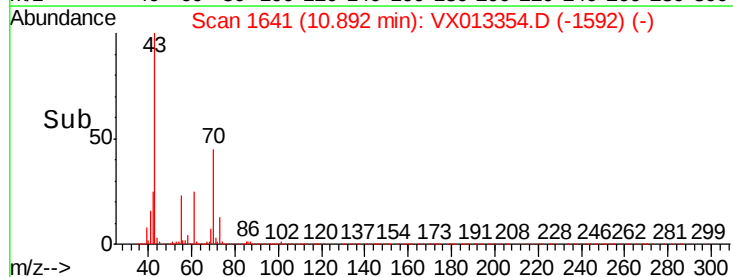
100000

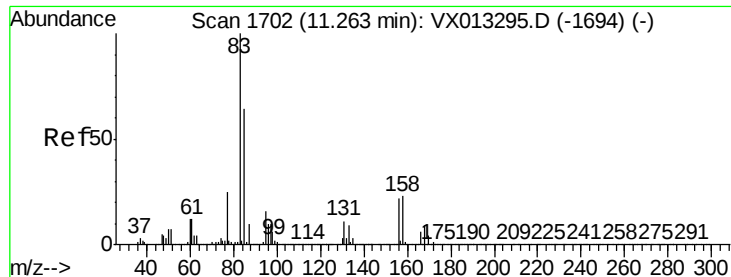
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.097 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

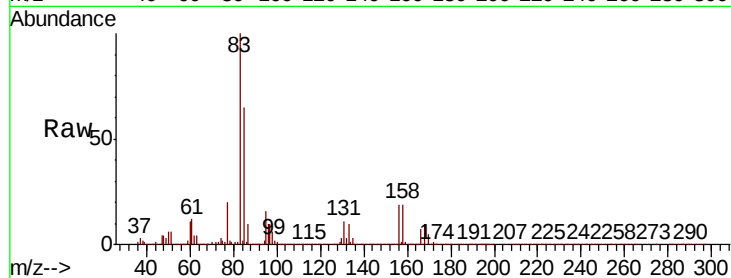
Tot Ion: 83 Resp: 310156

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

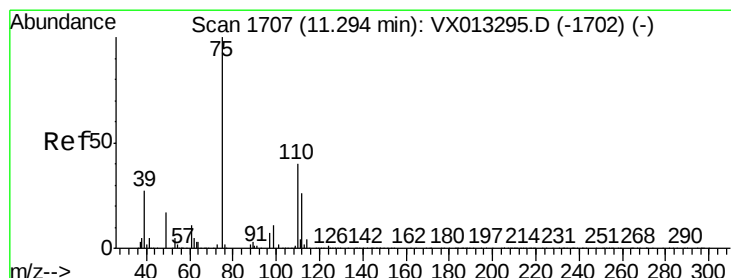
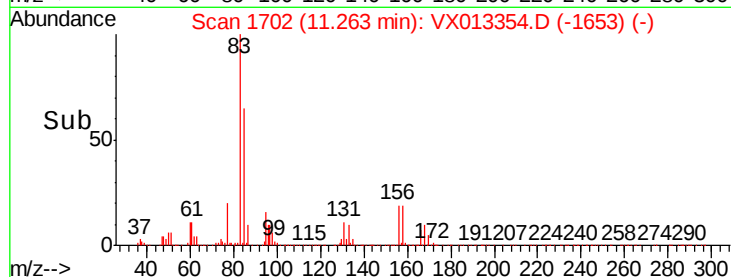
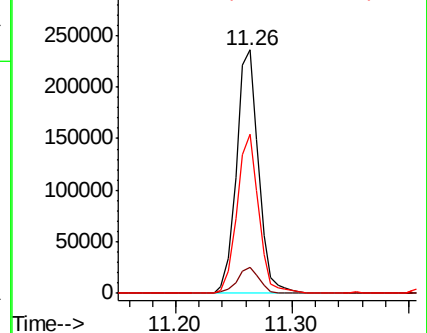
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.572 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013354.D

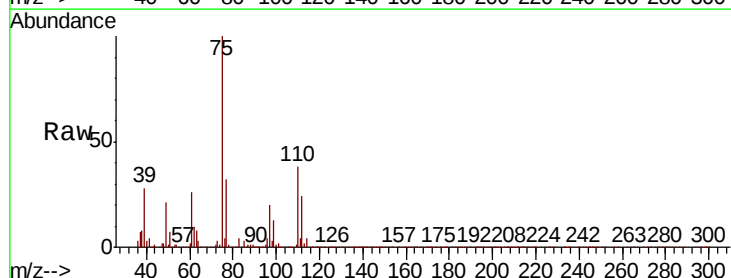
Acq: 08 Nov 2019 11:06

Tgt Ion: 75 Resp: 348558

Ion Ratio Lower Upper

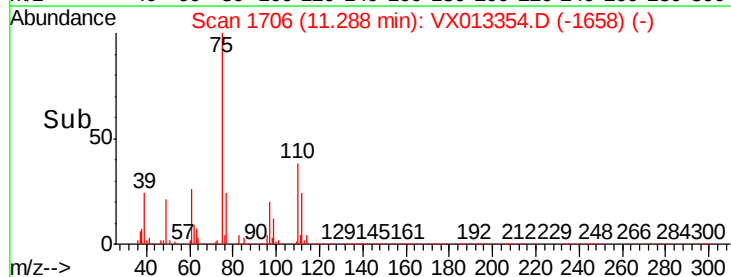
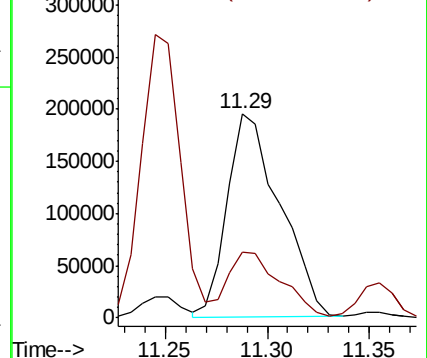
75 100

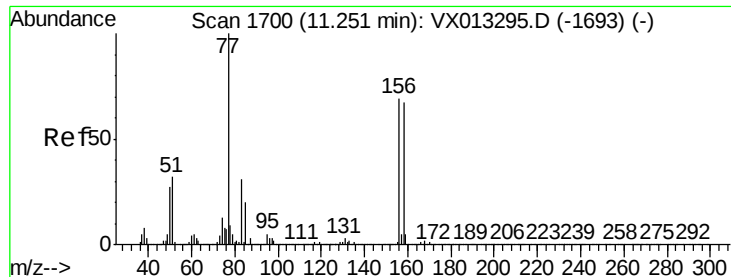
77 32.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.377 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

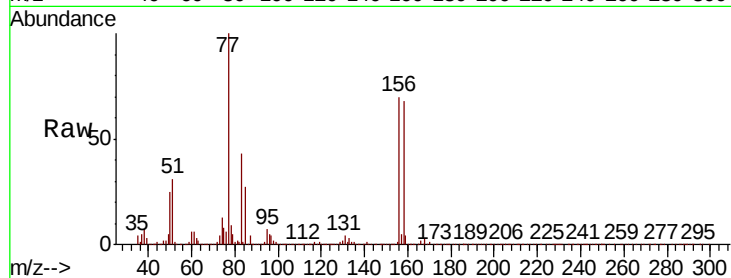
Tot Ion:156 Resp: 239772

Ion Ratio Lower Upper

156 100

77 150.1 75.8 227.4

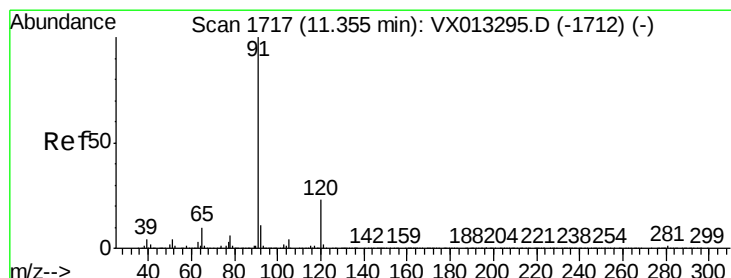
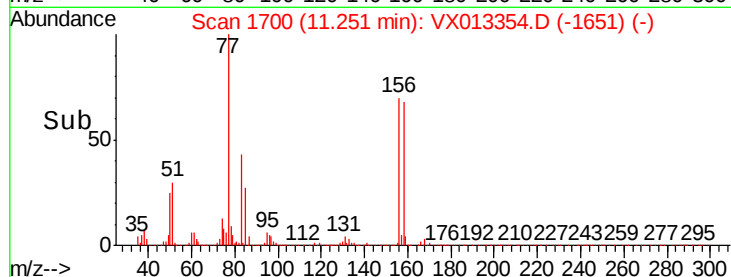
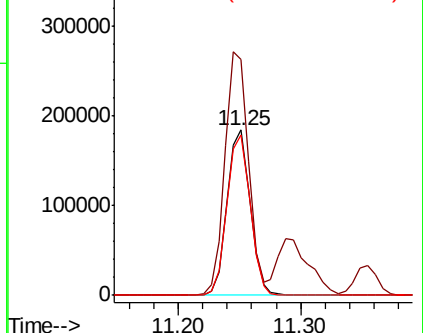
158 97.8 47.6 142.8



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: 24.525 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013354.D

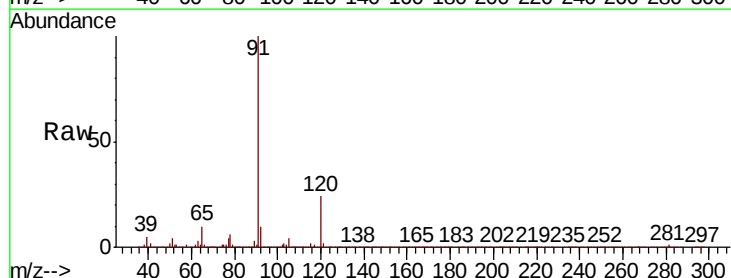
Acq: 08 Nov 2019 11:06

Tgt Ion: 91 Resp: 1051120

Ion Ratio Lower Upper

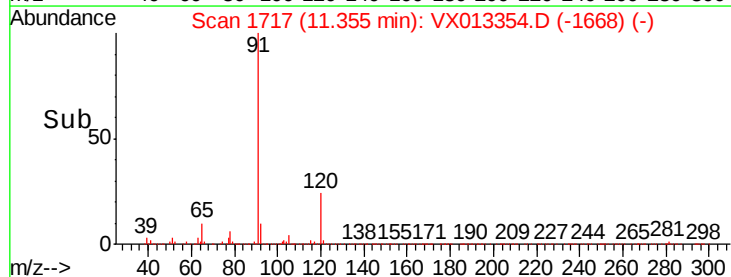
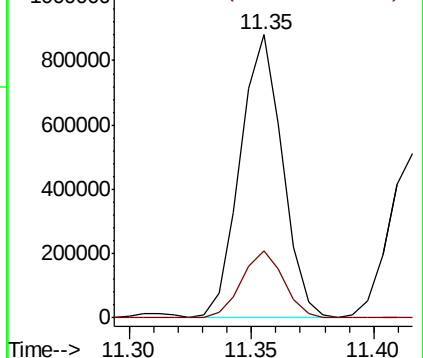
91 100

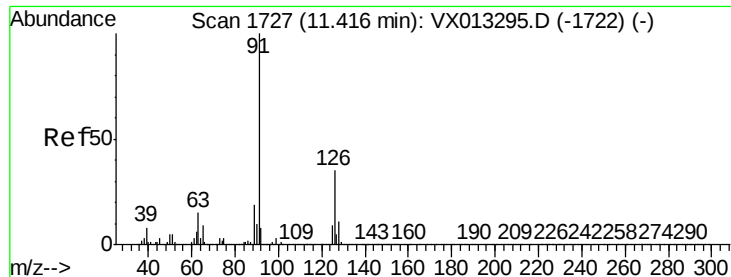
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.098 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

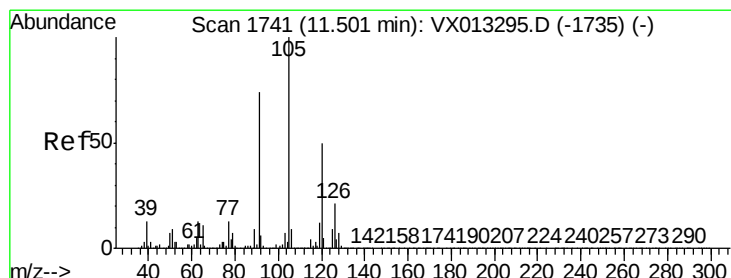
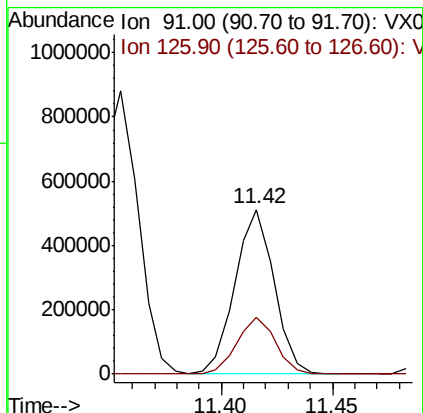
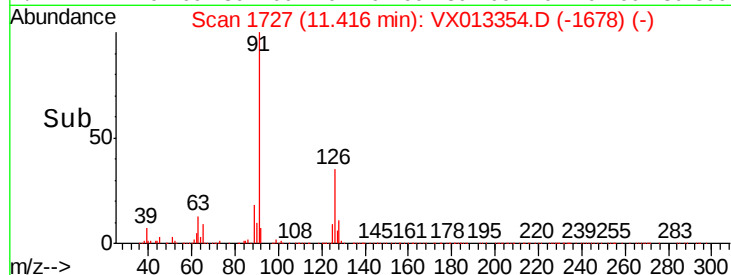
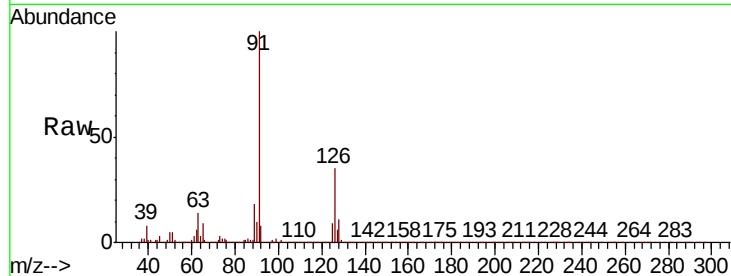
VX1108WBS01

Tot Ion: 91 Resp: 622255

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 24.485 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013354.D

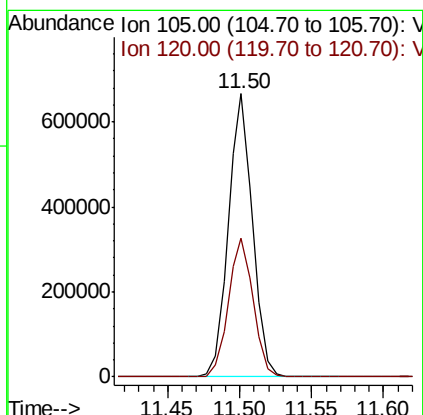
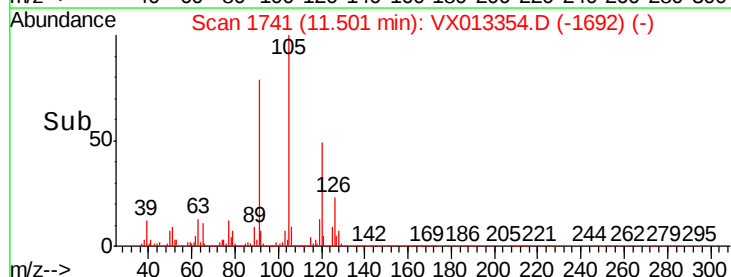
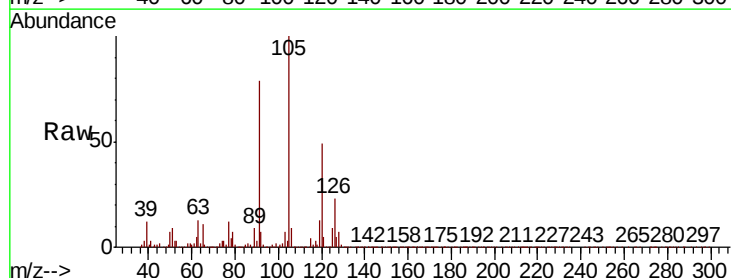
Acq: 08 Nov 2019 11:06

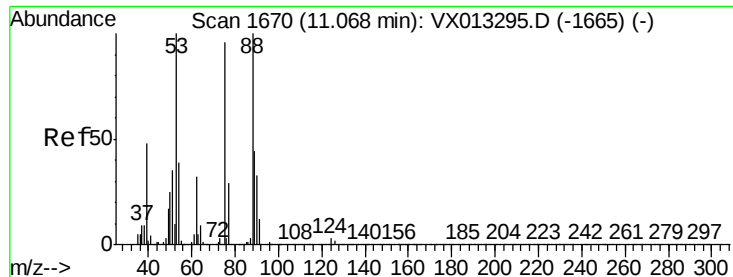
Tgt Ion: 105 Resp: 784675

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.103 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

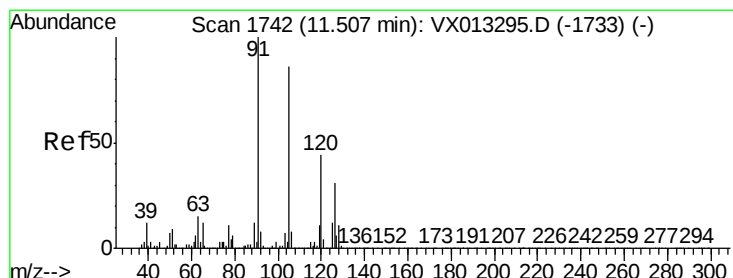
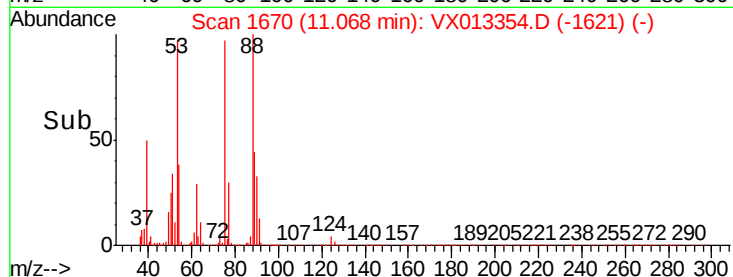
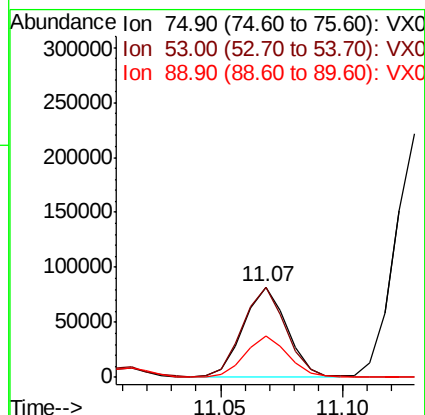
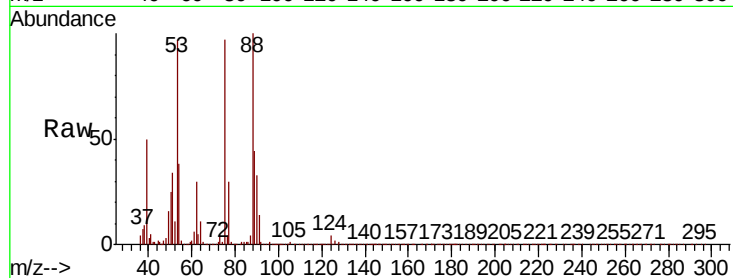
Tot Ion: 75 Resp: 101214

Ion Ratio Lower Upper

75 100

53 99.5 81.0 121.6

89 44.6 36.0 54.0



#82

4-Chlorotoluene

Concen: 23.513 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013354.D

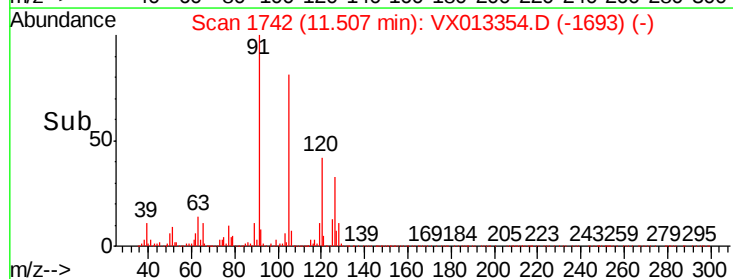
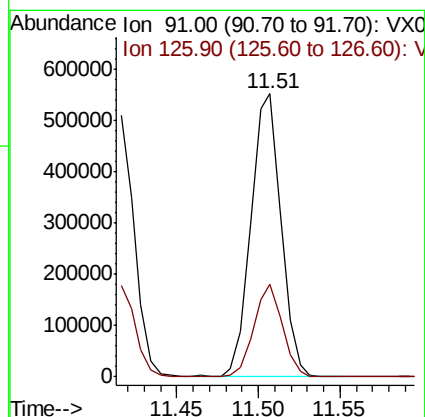
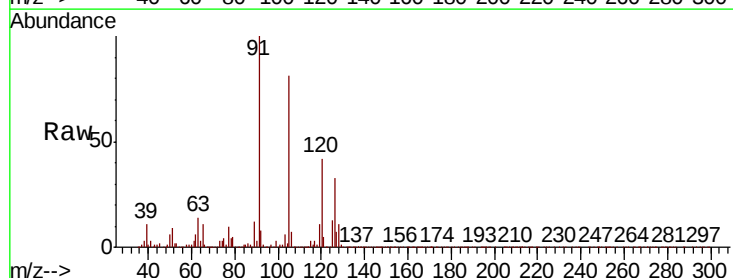
Acq: 08 Nov 2019 11:06

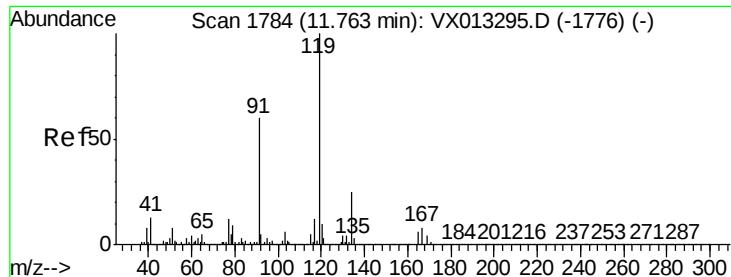
Tgt Ion: 91 Resp: 710741

Ion Ratio Lower Upper

91 100

126 30.9 15.3 45.8





#83

tert-Butylbenzene

Concen: 24.480 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

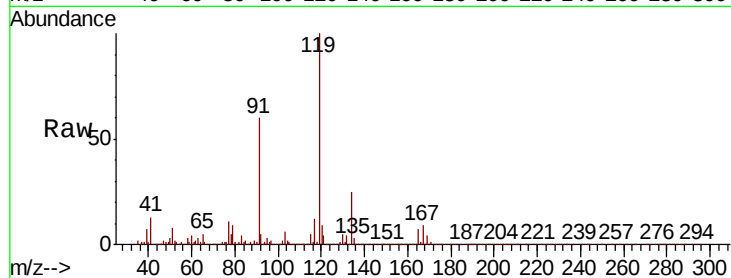
Tot Ion:119 Resp: 789740

Ion Ratio Lower Upper

119 100

91 54.8 26.9 80.7

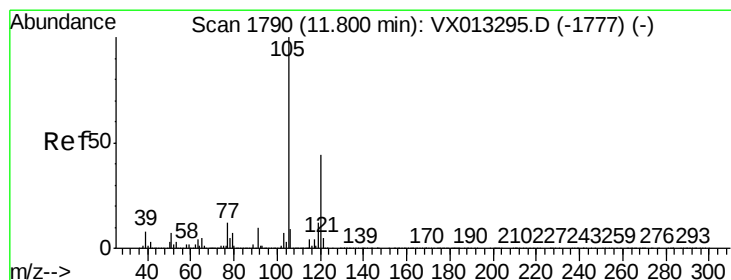
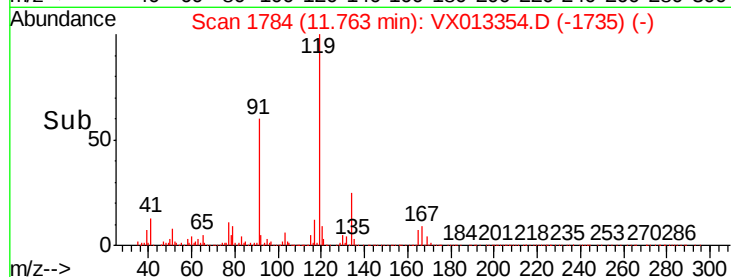
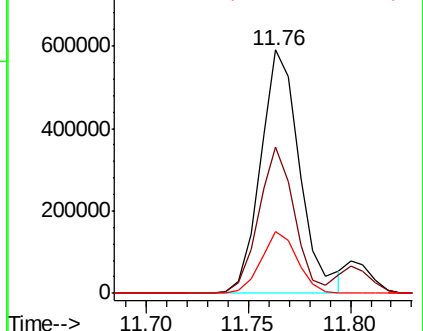
134 23.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 24.336 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013354.D

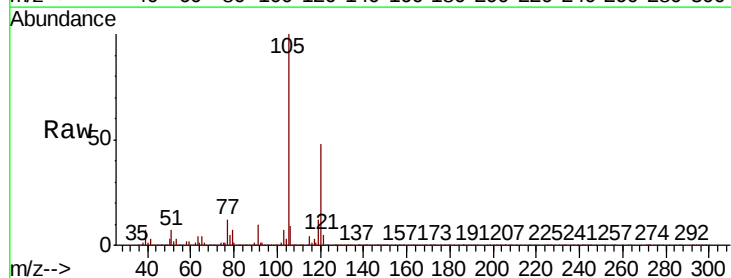
Acq: 08 Nov 2019 11:06

Tgt Ion:105 Resp: 782355

Ion Ratio Lower Upper

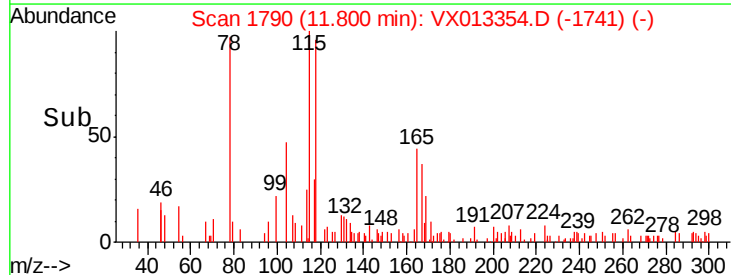
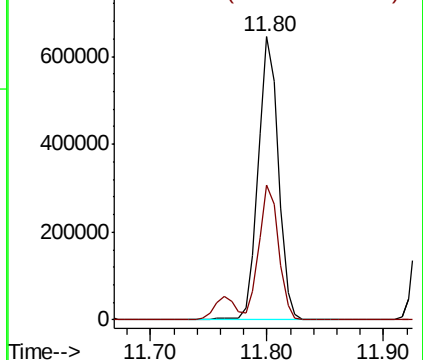
105 100

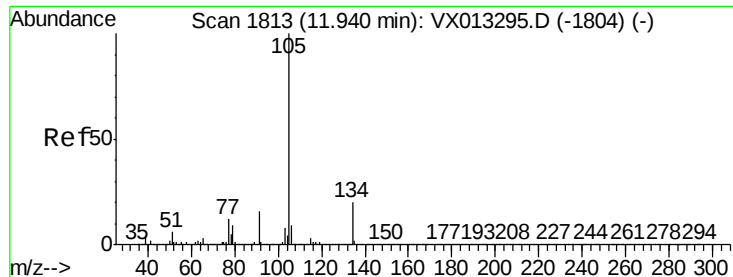
120 46.1 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

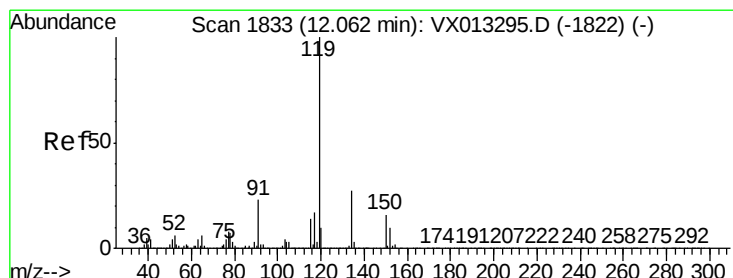
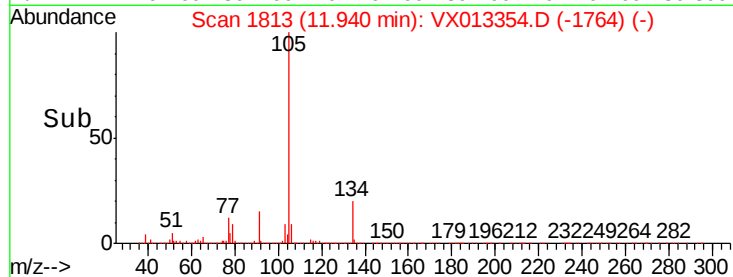
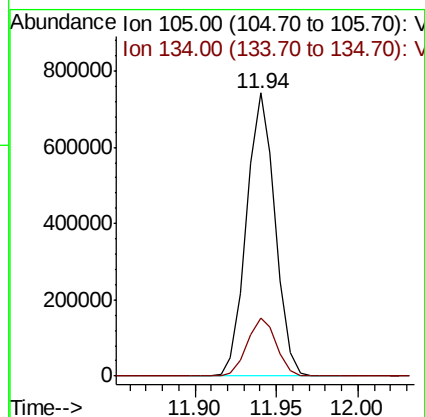
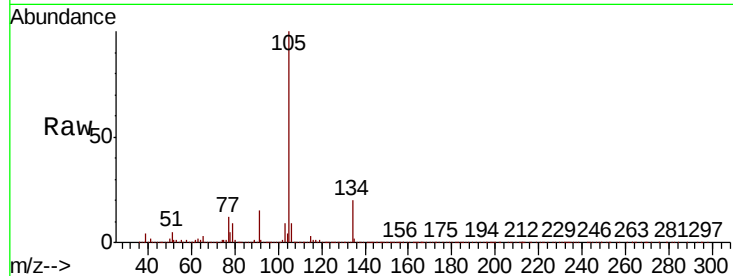




#85
 sec-Butylbenzene
 Concen: 24.461 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

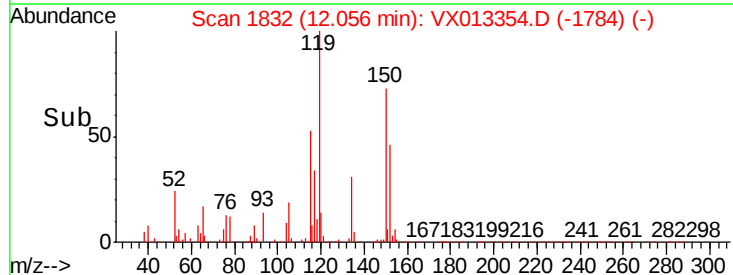
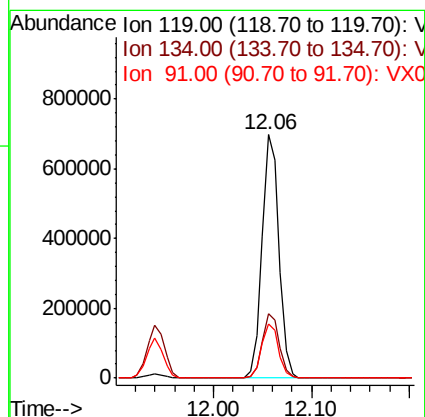
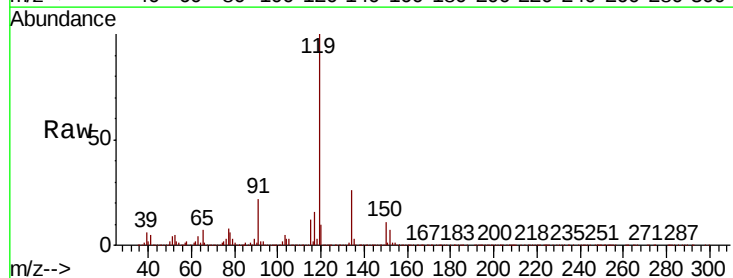
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS01

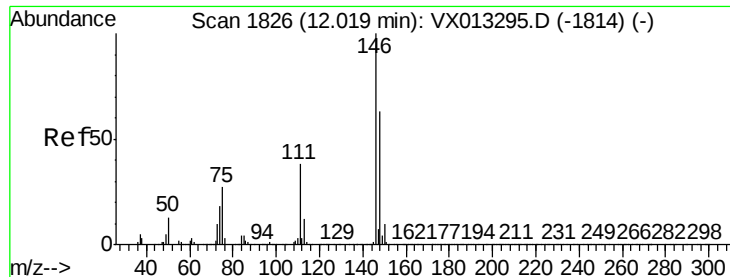
Tot Ion:105 Resp: 906916
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 24.377 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Tgt Ion:119 Resp: 832271
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.5 11.5 34.4

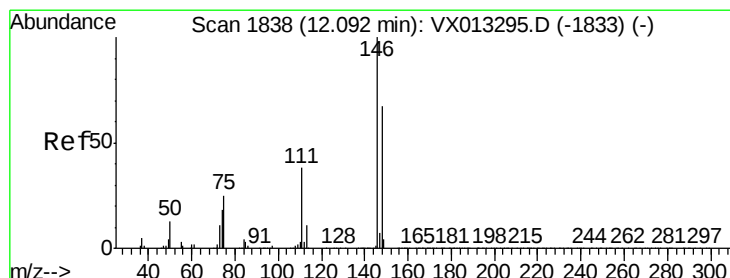
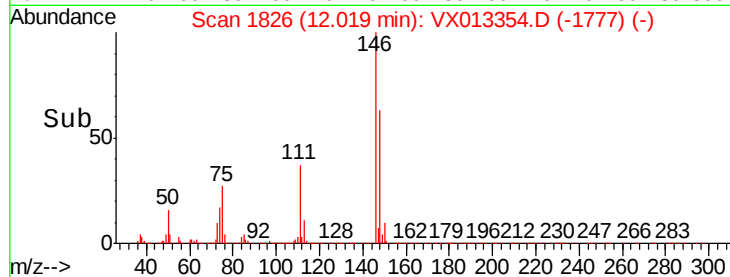
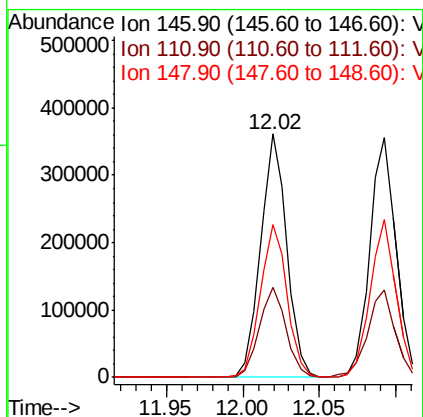
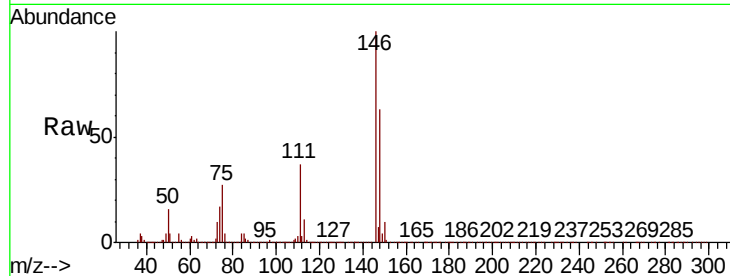




#87
 1,3-Dichlorobenzene
 Concen: 23.680 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

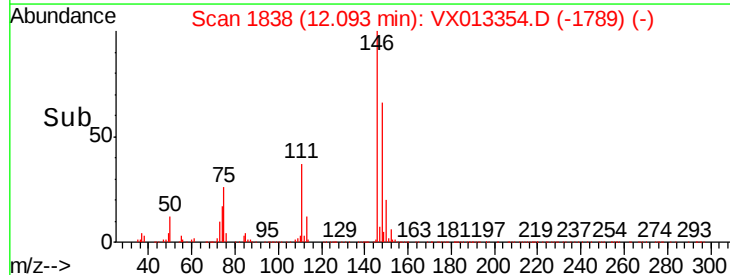
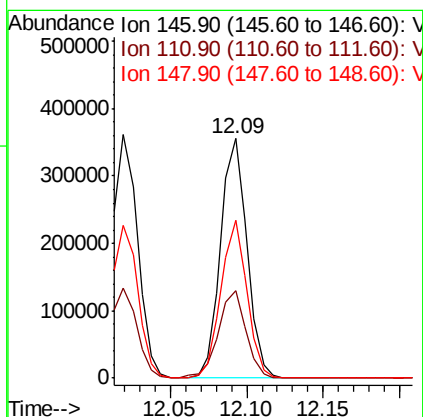
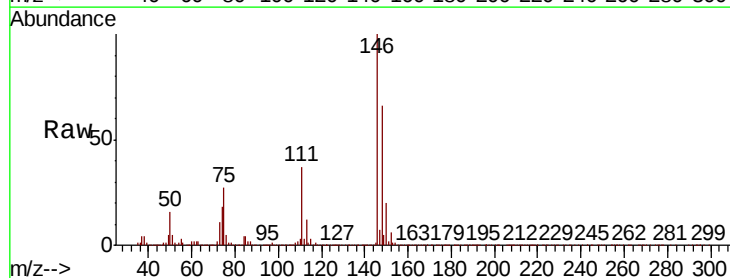
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS01

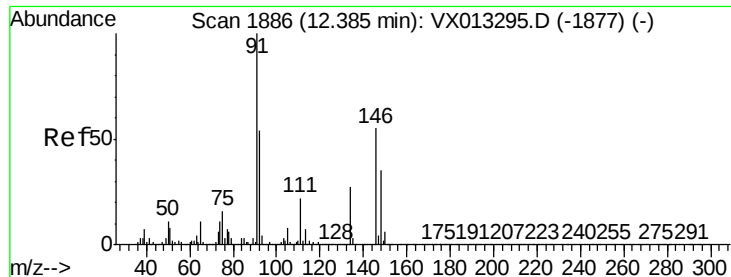
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	63.9	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 22.804 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.4
148	64.9	32.4	97.0





#89

n-Butylbenzene

Concen: 24.012 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

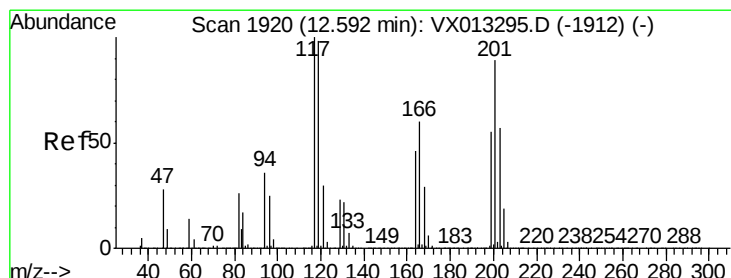
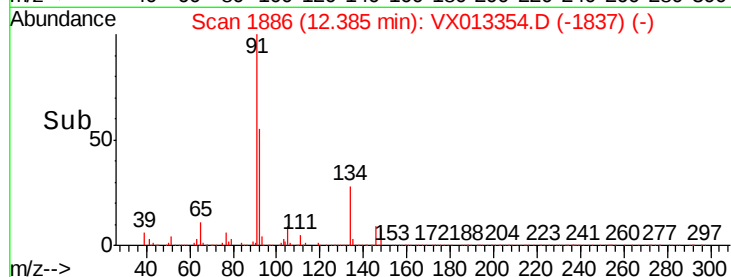
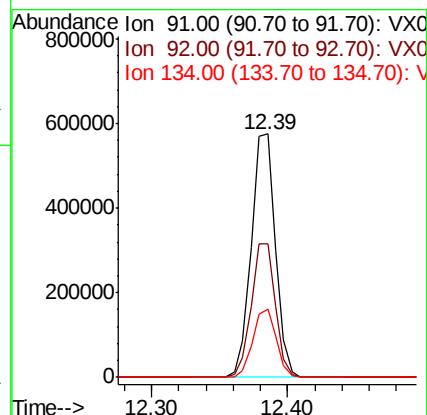
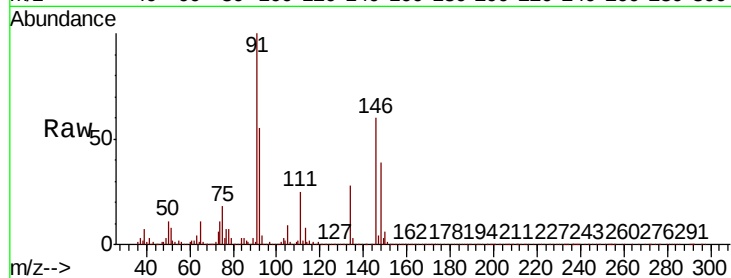
Tot Ion: 91 Resp: 715331

Ion Ratio Lower Upper

91 100

92 54.8 27.3 81.8

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 23.744 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013354.D

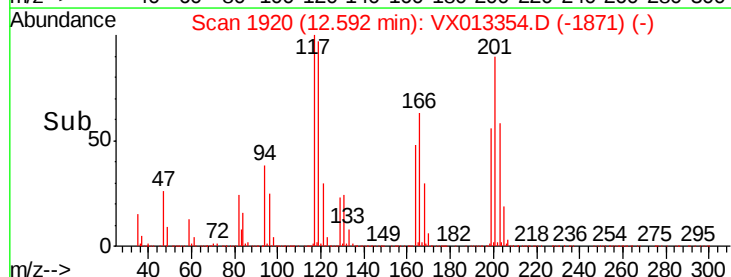
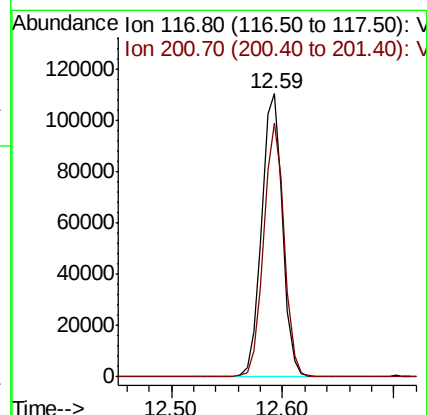
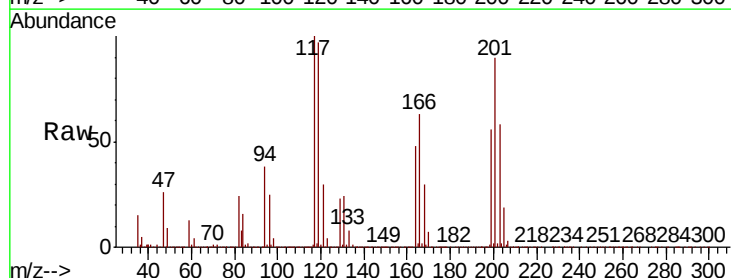
Acq: 08 Nov 2019 11:06

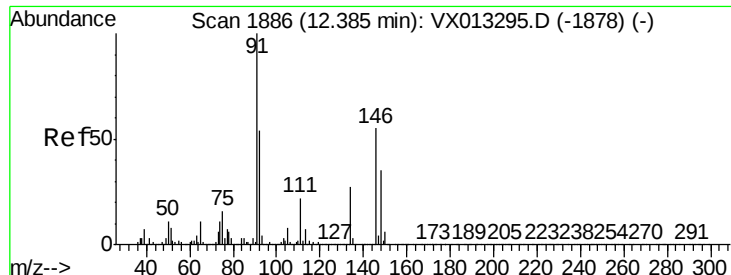
Tgt Ion: 117 Resp: 144432

Ion Ratio Lower Upper

117 100

201 88.4 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 23.311 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS01

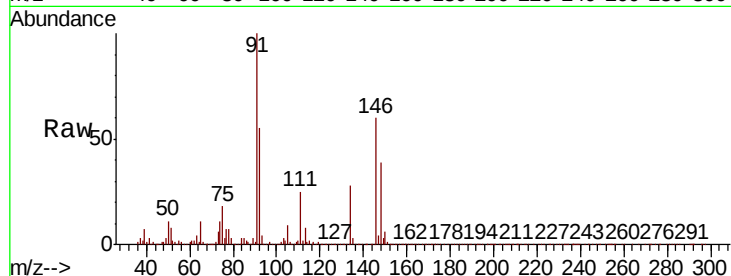
Tot Ion:146 Resp: 426025

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

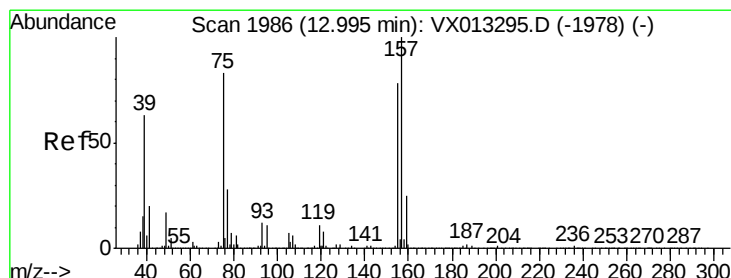
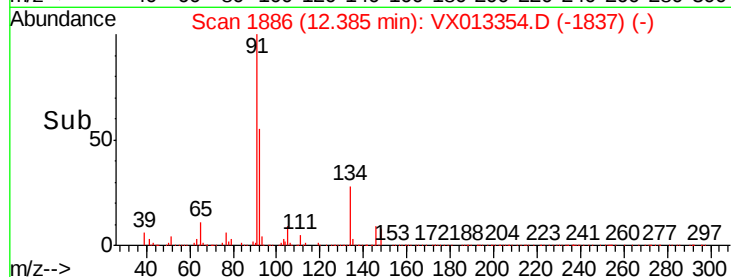
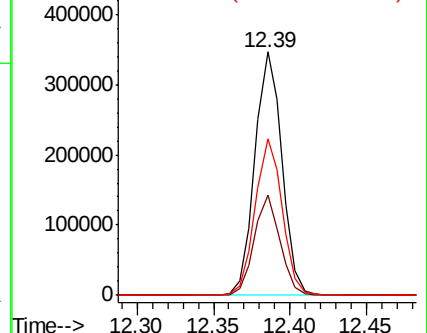
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.499 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

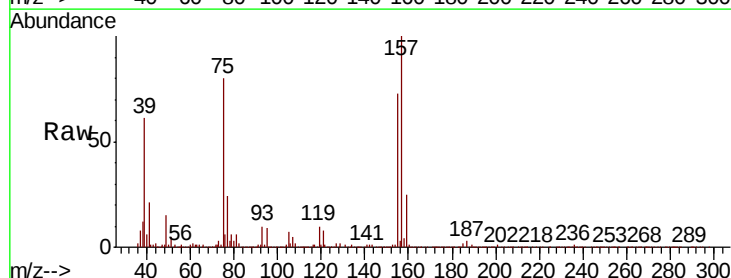
Tgt Ion: 75 Resp: 66680

Ion Ratio Lower Upper

75 100

155 91.5 47.1 141.4

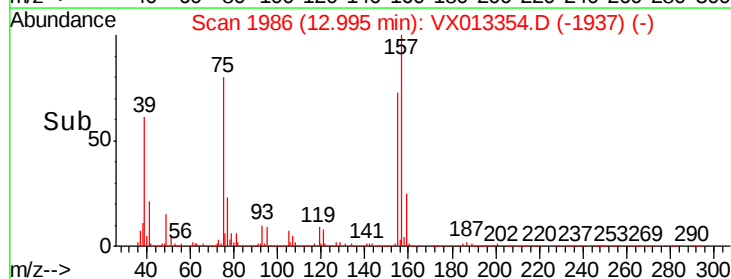
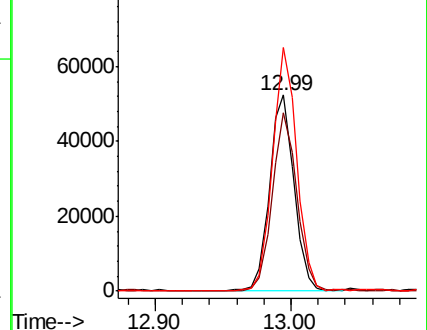
157 122.0 61.3 183.8

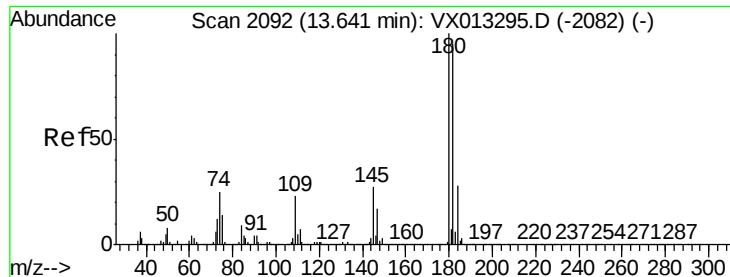


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

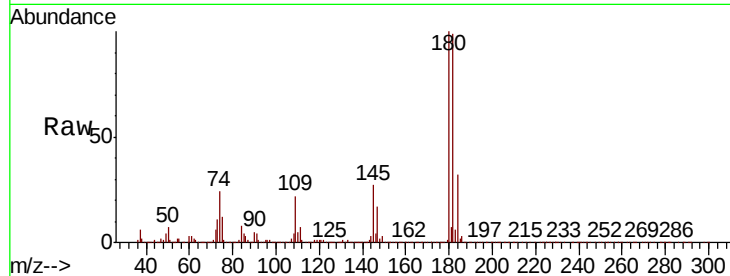




#93
 1,2,4-Trichlorobenzene
 Concen: 23.295 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.0
145	27.5	14.1	42.4

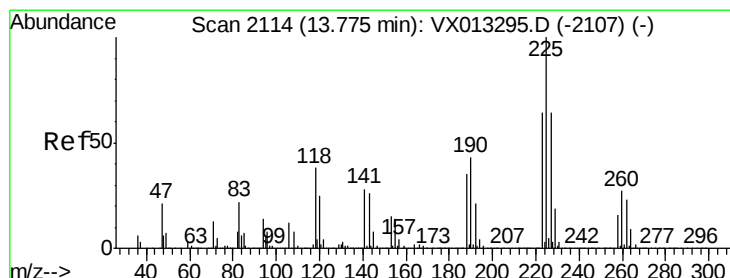
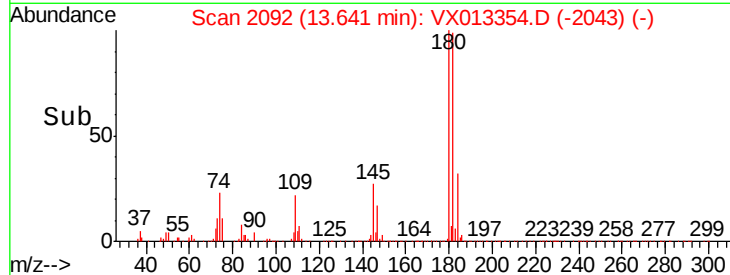
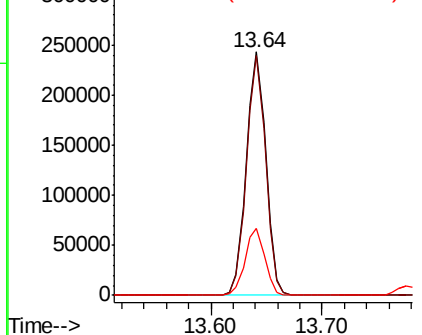


Abundance

Ion 179.80 (179.50 to 180.50): V

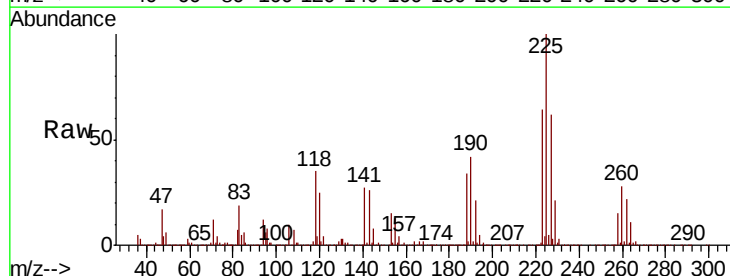
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 23.216 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013354.D
 Acq: 08 Nov 2019 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.7
227	61.8	31.9	95.9

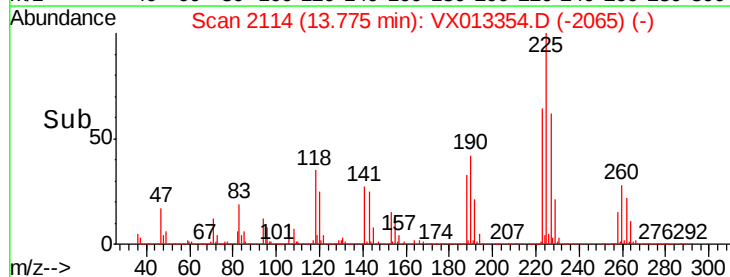
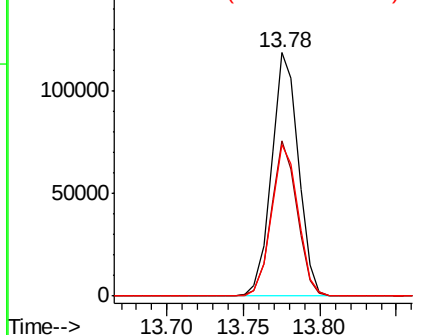


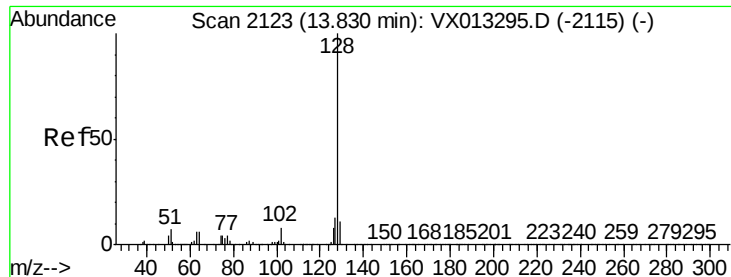
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

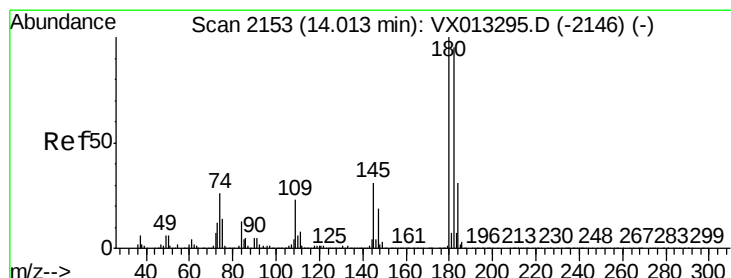
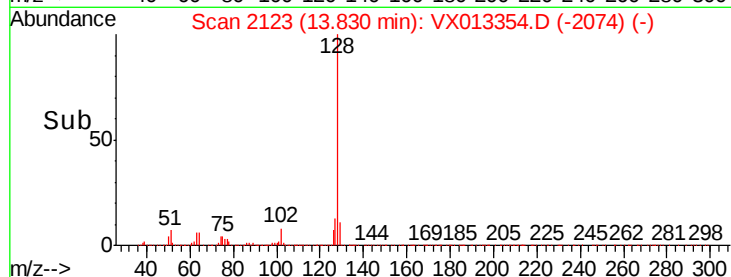
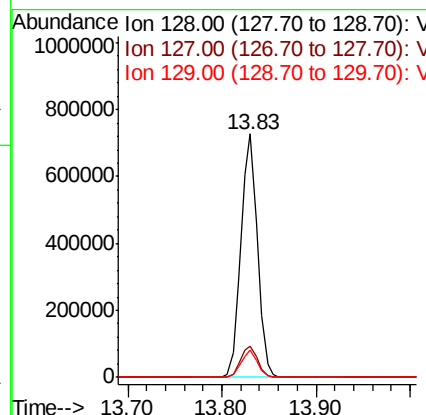
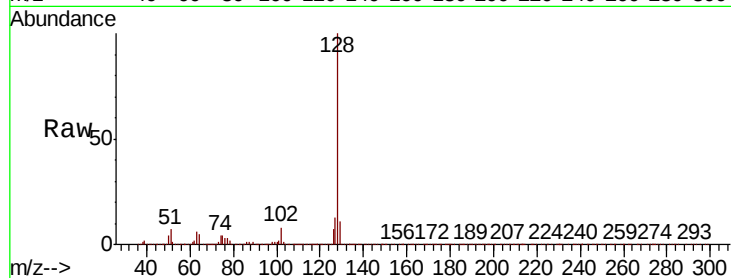




#95
Naphthalene
Concen: 22.093 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.8	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 23.323 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013354.D
Acq: 08 Nov 2019 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.2
145	30.2	15.4	46.4

