

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013355.D
 Acq On : 08 Nov 2019 11:44
 Operator : JC/SP
 Sample : VX1108WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Quant Time: Nov 11 02:55:21 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	747016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1114177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	995945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	500762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	419108	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	5.48	113	343976	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.70	98	1329332	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	473073	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	159882	18.576	ug/l	99
3) Chloromethane	1.31	50	173326	18.570	ug/l	99
4) Vinyl Chloride	1.40	62	198617	18.691	ug/l	100
5) Bromomethane	1.62	94	113700	15.354	ug/l	99
6) Chloroethane	1.72	64	111984	17.665	ug/l	99
7) Trichlorofluoromethane	1.92	101	221822	17.669	ug/l	96
8) Diethyl Ether	2.17	74	98320	17.710	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135532	19.369	ug/l	99
10) Methyl Iodide	2.50	142	152253	17.575	ug/l	98
11) Tert butyl alcohol	3.02	59	176485	75.661	ug/l	100
12) 1,1-Dichloroethene	2.36	96	134163	19.579	ug/l	98
13) Acrolein	2.28	56	107801	85.273	ug/l	99
14) Allyl chloride	2.72	41	241102	19.365	ug/l	97
15) Acrylonitrile	3.12	53	394054	90.438	ug/l	99
16) Acetone	2.42	43	380064	86.100	ug/l	100
17) Carbon Disulfide	2.56	76	345551	18.841	ug/l	99
18) Methyl Acetate	2.75	43	221994	18.216	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	448553	19.627	ug/l	95
20) Methylene Chloride	2.84	84	150106	18.405	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	145214	19.464	ug/l	97
22) Diisopropyl ether	3.83	45	491699	20.456	ug/l #	87
23) Vinyl Acetate	3.80	43	1955426	95.071	ug/l	100
24) 1,1-Dichloroethane	3.68	63	261935	19.480	ug/l	98
25) 2-Butanone	4.65	43	564566	87.182	ug/l	99
26) 2,2-Dichloropropane	4.57	77	214130	20.018	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	165107	19.755	ug/l	99
28) Bromochloromethane	4.99	49	69901	18.309	ug/l	97
29) Tetrahydrofuran	5.11	42	348405	87.306	ug/l	99
30) Chloroform	5.19	83	258564	19.474	ug/l	100
31) Cyclohexane	5.56	56	234756	19.402	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	220099	19.262	ug/l	98
36) 1,1-Dichloropropene	5.79	75	193096	20.202	ug/l	100
37) Ethyl Acetate	4.81	43	211587	17.915	ug/l	99
38) Carbon Tetrachloride	5.76	117	186348	19.937	ug/l	98

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 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	237975	19.981	ug/l	99
40) Benzene	6.13	78	589059	19.784	ug/l	99
41) Methacrylonitrile	5.02	41	119097	17.991	ug/l	97
42) 1,2-Dichloroethane	6.17	62	206283	19.208	ug/l	100
43) Isopropyl Acetate	6.42	43	345837	18.804	ug/l	100
44) Trichloroethene	7.20	130	158429	19.331	ug/l	99
45) 1,2-Dichloropropane	7.50	63	152379	20.086	ug/l	97
46) Dibromomethane	7.65	93	97569	18.837	ug/l	97
47) Bromodichloromethane	7.89	83	194019	19.864	ug/l	96
48) Methyl methacrylate	7.76	41	173377	18.885	ug/l	99
49) 1,4-Dioxane	7.73	88	75139	357.385	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1087320	90.111	ug/l	99
52) Toluene	8.78	92	369464	20.021	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	216150	20.238	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	238775	19.986	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	150391	19.662	ug/l	99
56) Ethyl methacrylate	9.17	69	234437	18.955	ug/l	97
57) 1,3-Dichloropropane	9.36	76	256634	19.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	491156	93.914	ug/l	99
59) 2-Hexanone	9.48	43	844787	90.597	ug/l	100
60) Dibromochloromethane	9.57	129	156201	19.968	ug/l	99
61) 1,2-Dibromoethane	9.67	107	158272	19.487	ug/l	99
64) Tetrachloroethene	9.33	164	143429	20.117	ug/l	98
65) Chlorobenzene	10.13	112	400027	19.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	148105	20.005	ug/l	99
67) Ethyl Benzene	10.25	91	712523	20.475	ug/l	99
68) m/p-Xylenes	10.36	106	541437	41.140	ug/l	98
69) o-Xylene	10.69	106	258574	20.068	ug/l	99
70) Styrene	10.71	104	443173	20.576	ug/l	98
71) Bromoform	10.85	173	119083	19.439	ug/l #	98
73) Isopropylbenzene	11.01	105	700155	21.088	ug/l	100
74) N-amyl acetate	10.89	43	302181	19.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	232253	19.175	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	256281	25.197	ug/l	81
77) Bromobenzene	11.25	156	180512	20.394	ug/l	96
78) n-propylbenzene	11.35	91	794295	21.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	463157	20.785	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	581932	21.043	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	74258	18.792	ug/l	100
82) 4-Chlorotoluene	11.51	91	533638	20.458	ug/l	100
83) tert-Butylbenzene	11.76	119	581718	20.896	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	585807	21.116	ug/l	100
85) sec-Butylbenzene	11.94	105	670764	20.965	ug/l	99
86) p-Isopropyltoluene	12.06	119	630473	21.400	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318044	20.159	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	321237	19.984	ug/l	100
89) n-Butylbenzene	12.39	91	529689	20.605	ug/l	99
90) Hexachloroethane	12.59	117	107811	20.539	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	325135	20.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49182	16.667	ug/l	97

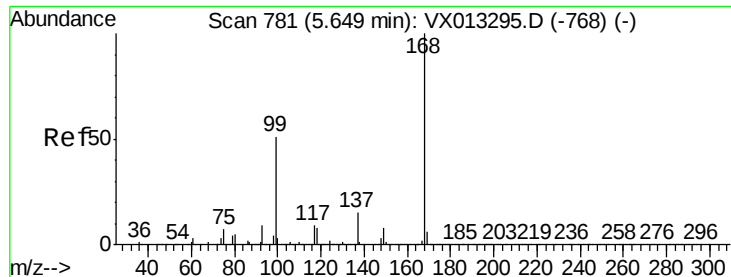
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
Data File : VX013355.D
Acq On : 08 Nov 2019 11:44
Operator : JC/SP
Sample : VX1108WBSD01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
VX1108WBSD01

Quant Time: Nov 11 02:55:21 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	224080	20.369	ug/l	98
94) Hexachlorobutadiene	13.78	225	104160	19.353	ug/l	98
95) Naphthalene	13.83	128	661472	19.165	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	219283	19.876	ug/l	100

(#) = 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: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

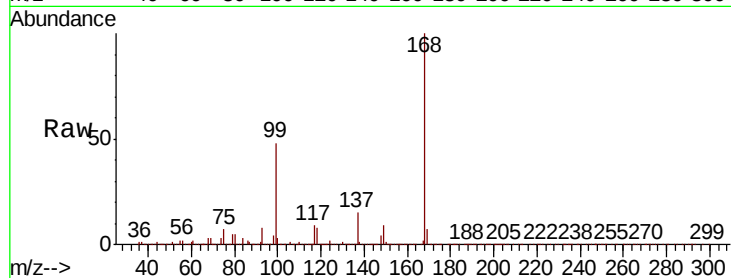
VX1108WBSD01

Tot Ion:168 Resp: 747016

Ion Ratio Lower Upper

168 100

99 47.5 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

250000

200000

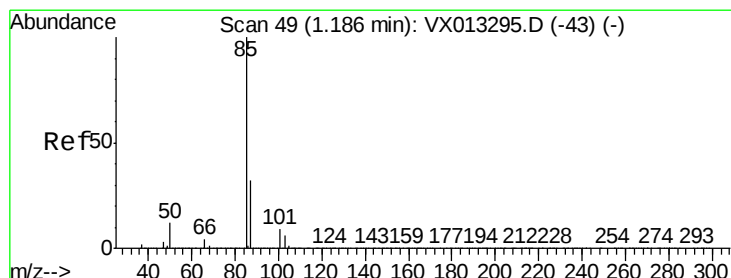
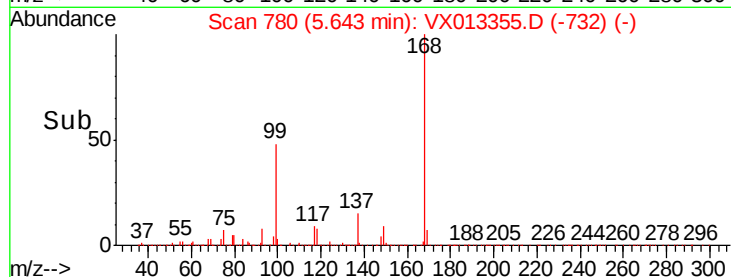
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.576 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013355.D

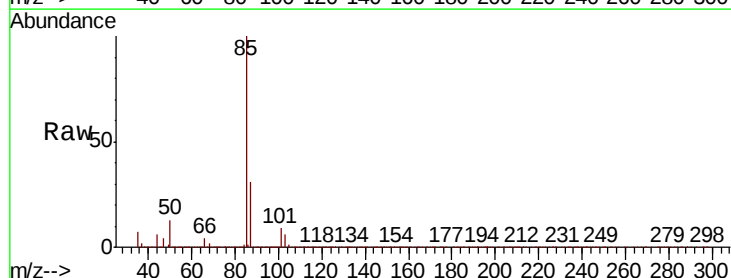
Acq: 08 Nov 2019 11:44

Tgt Ion: 85 Resp: 159882

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

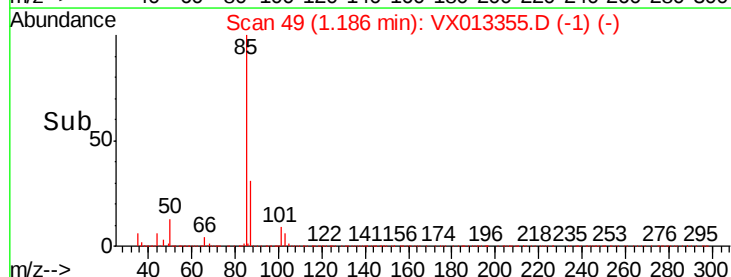
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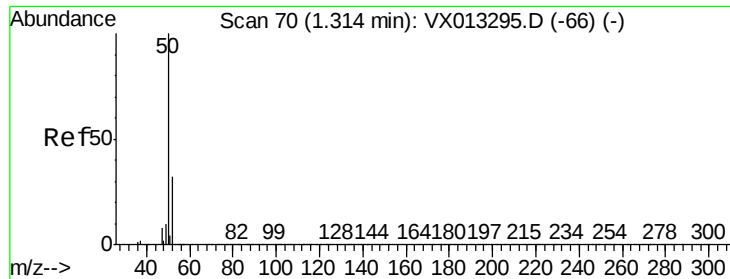
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Time-->

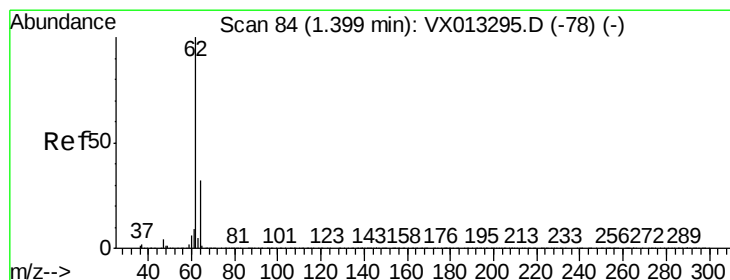
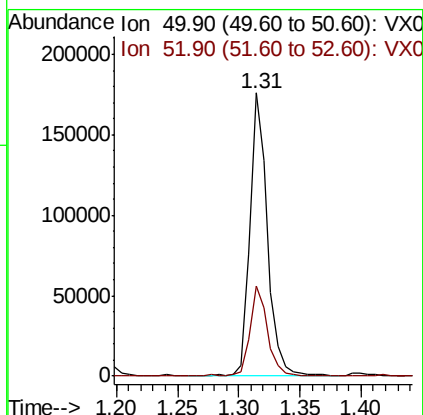
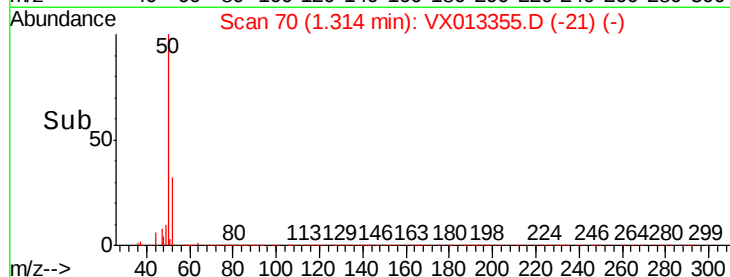
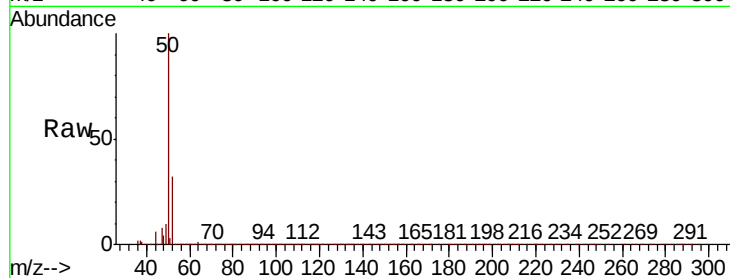




#3
Chloromethane
Concen: 18.570 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

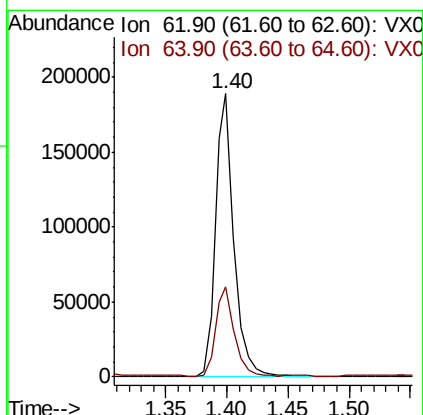
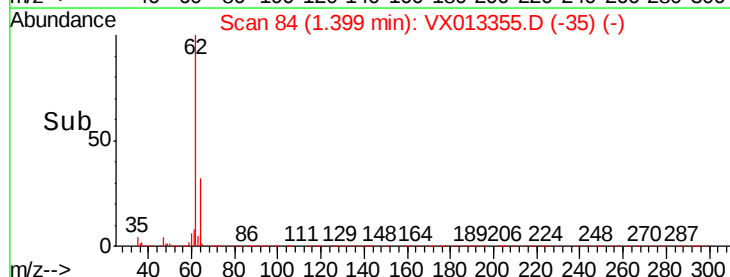
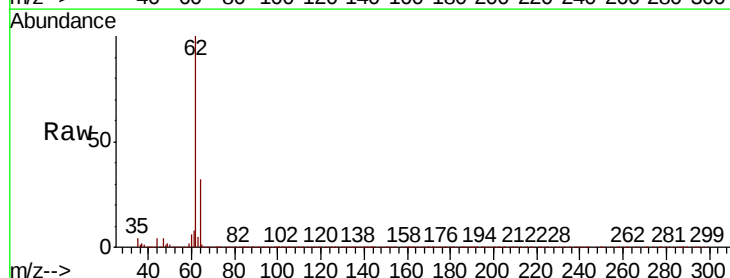
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

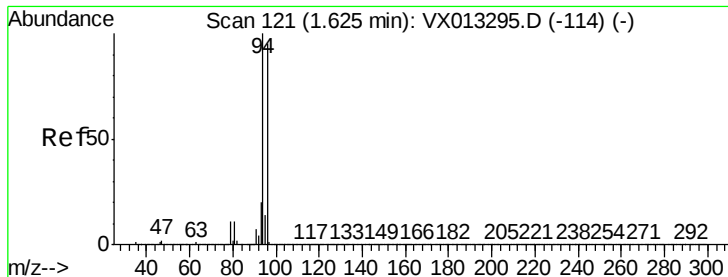
Tot Ion: 50 Resp: 173326
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3



#4
Vinyl Chloride
Concen: 18.691 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion: 62 Resp: 198617
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4





#5

Bromomethane

Concen: 15.354 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

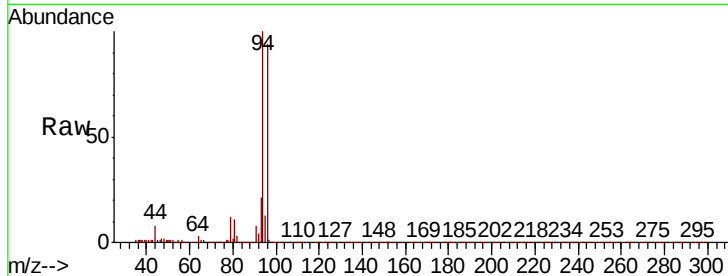
VX1108WBSD01

Tot Ion: 94 Resp: 113700

Ion Ratio Lower Upper

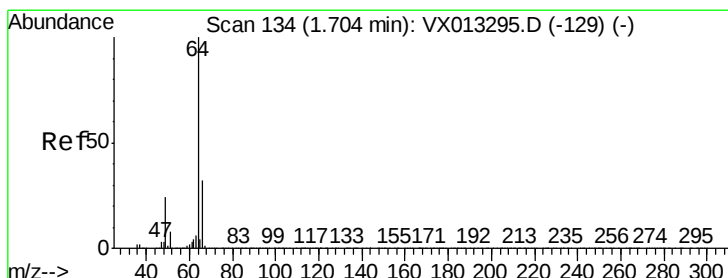
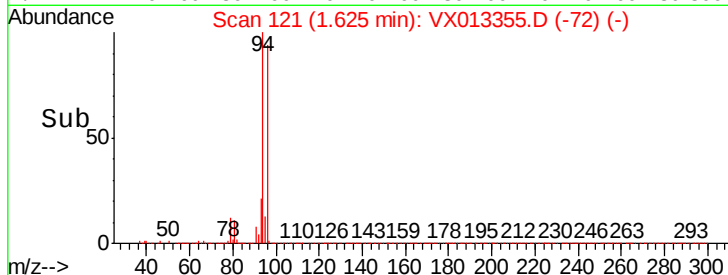
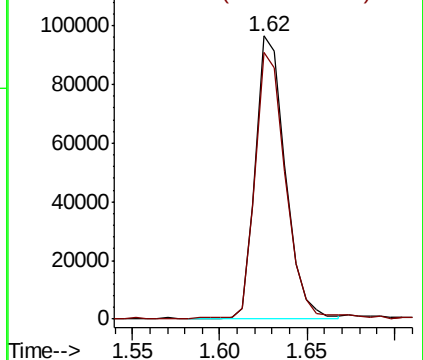
94 100

96 94.0 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.665 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013355.D

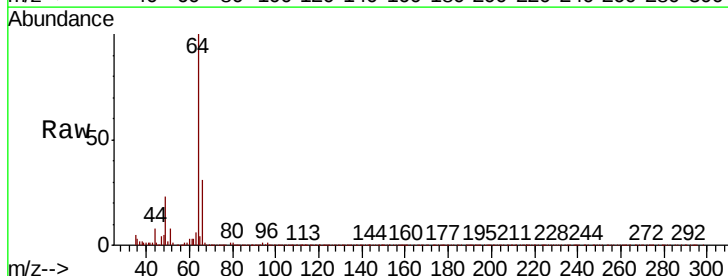
Acq: 08 Nov 2019 11:44

Tgt Ion: 64 Resp: 111984

Ion Ratio Lower Upper

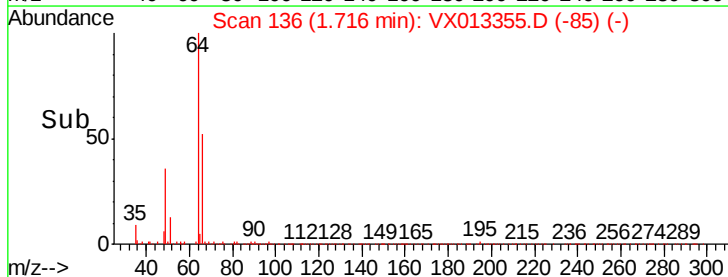
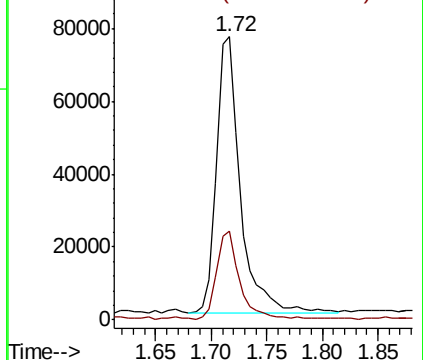
64 100

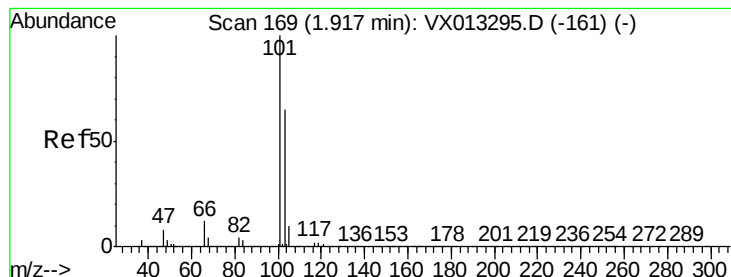
66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



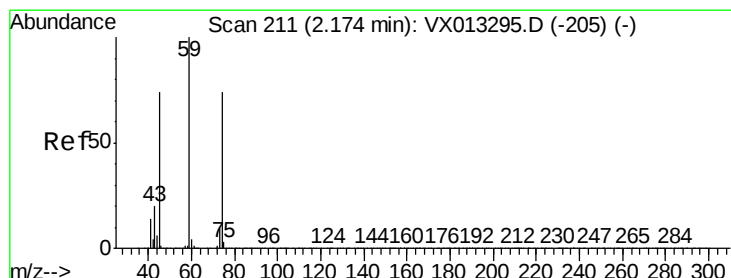
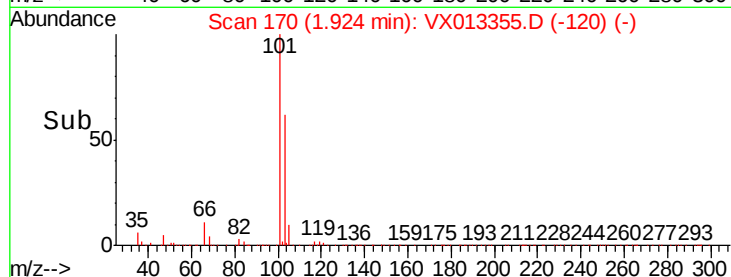
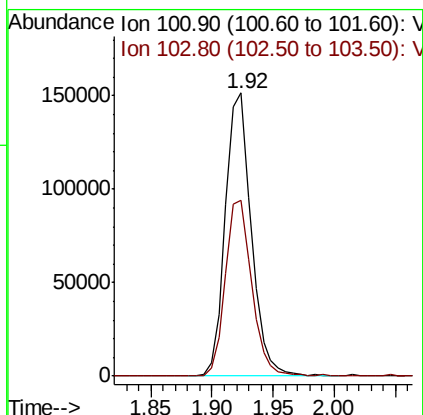
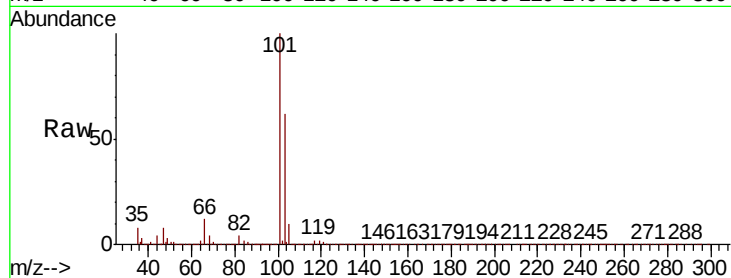


#7

Trichlorofluoromethane
 Concen: 17.669 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

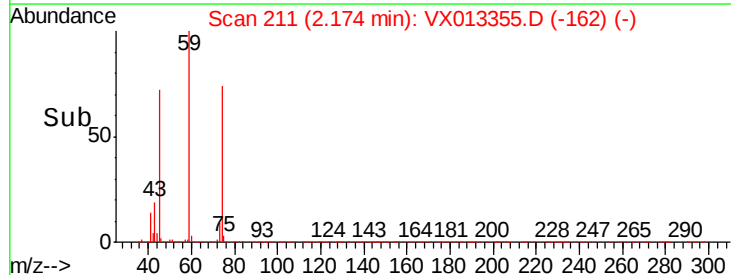
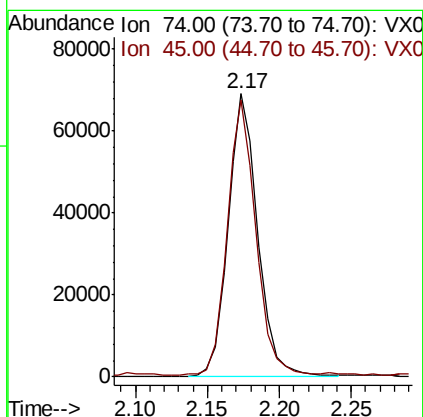
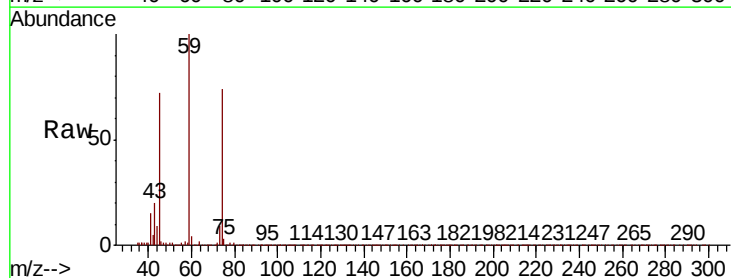
Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	52.3	78.5

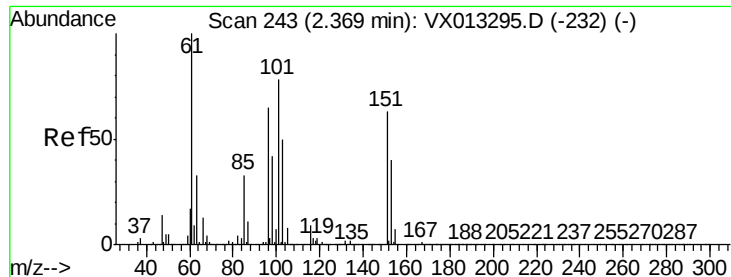


#8

Diethyl Ether
 Concen: 17.710 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.369 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

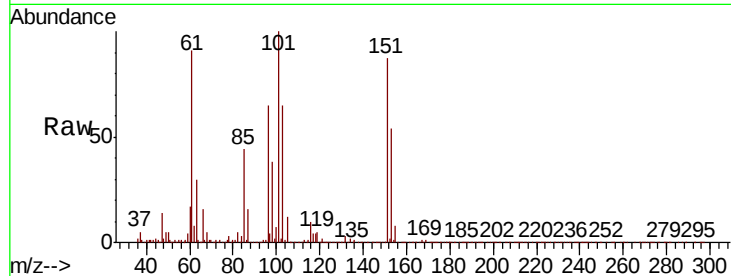
Tot Ion:101 Resp: 135532

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

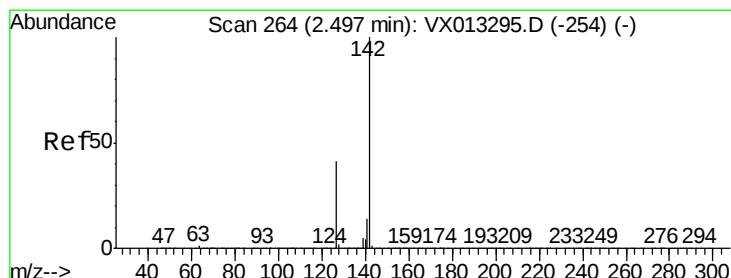
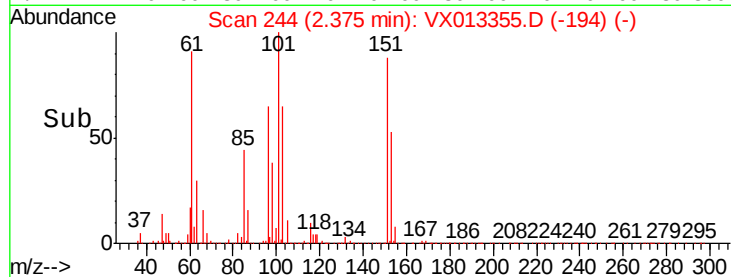
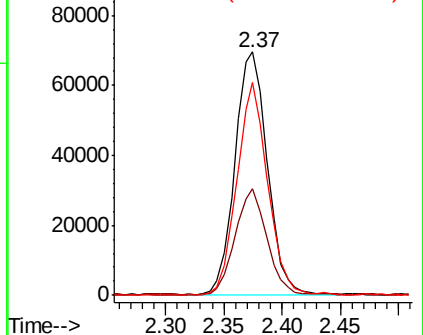
151 82.2 66.4 99.6



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: 17.575 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

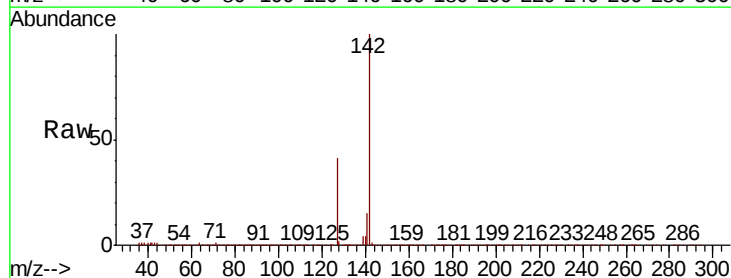
Tgt Ion:142 Resp: 152253

Ion Ratio Lower Upper

142 100

127 39.0 32.6 49.0

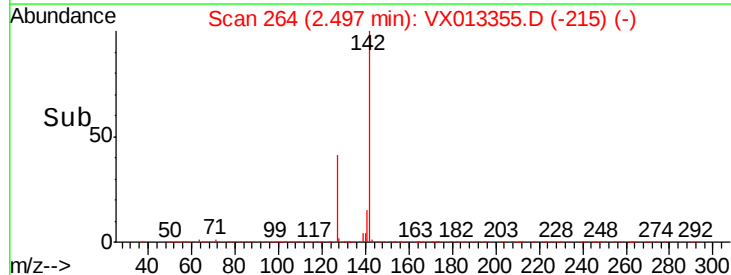
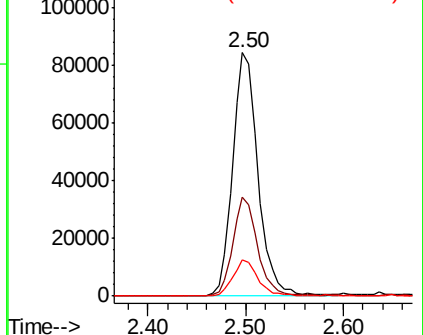
141 14.6 11.6 17.4

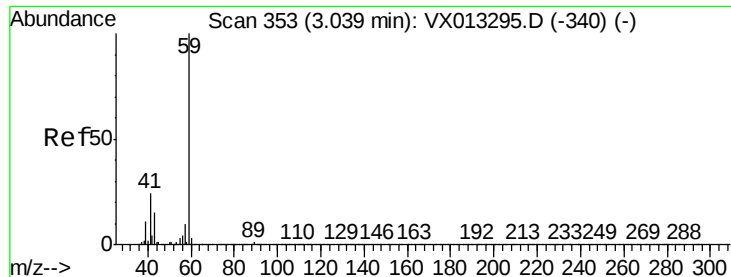


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



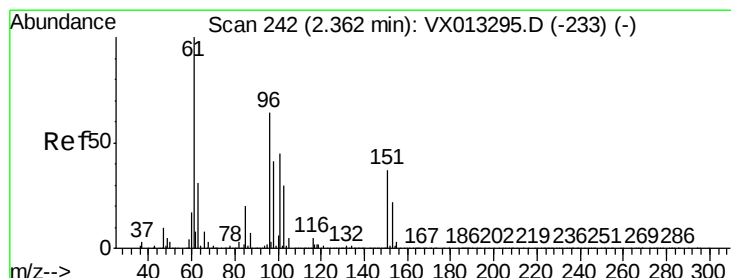
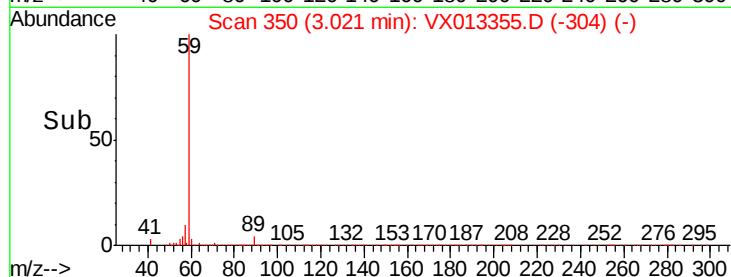
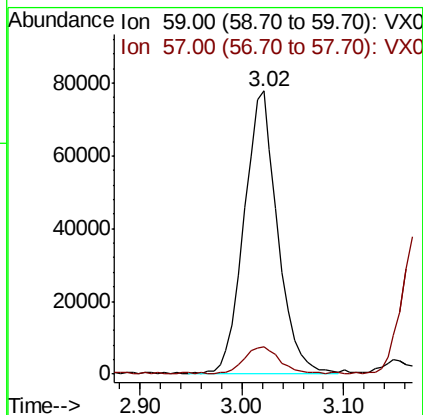
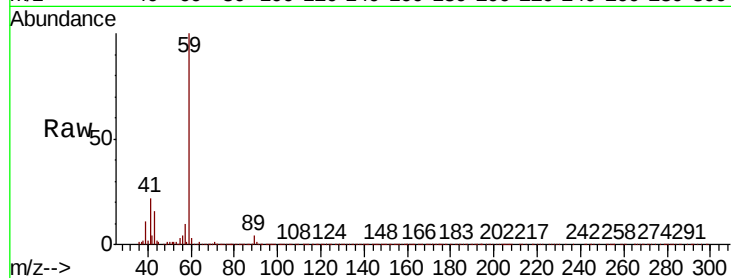


#11

Tert butyl alcohol
Concen: 75.661 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

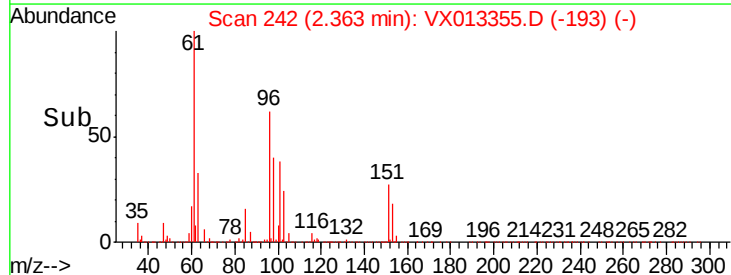
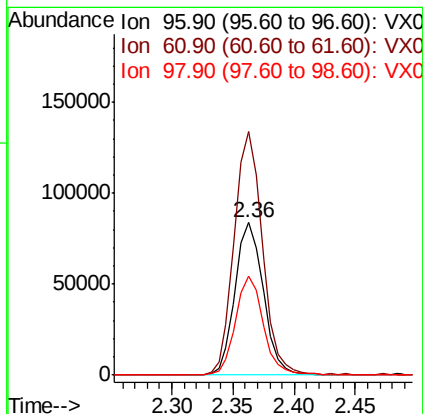
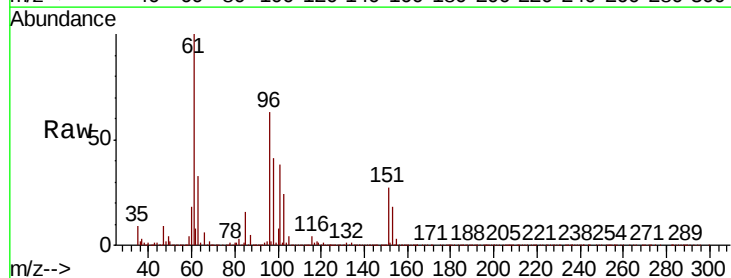
Tot Ion: 59 Resp: 176485
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

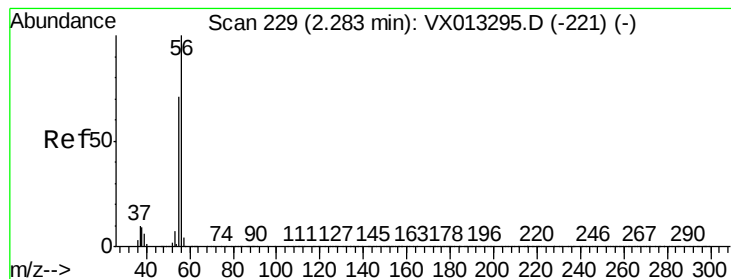


#12

1,1-Dichloroethene
Concen: 19.579 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion: 96 Resp: 134163
Ion Ratio Lower Upper
96 100
61 159.6 125.0 187.6
98 64.7 50.7 76.1





#13

Acrolein

Concen: 85.273 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

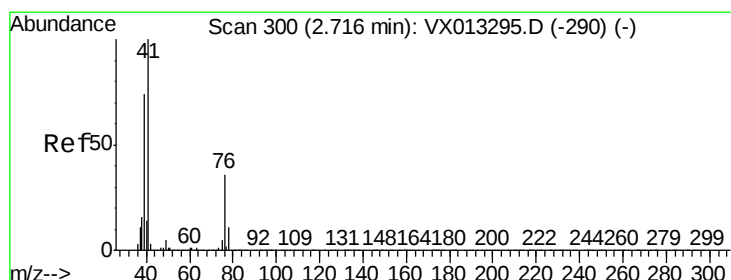
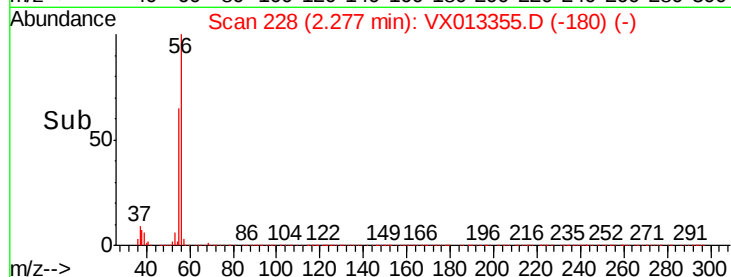
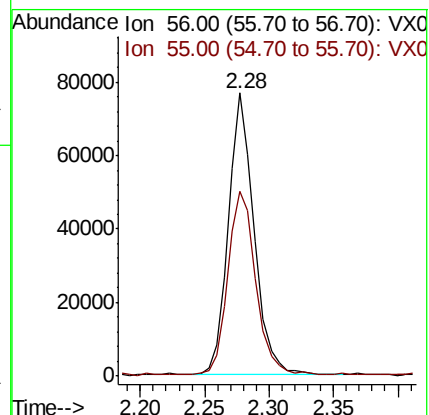
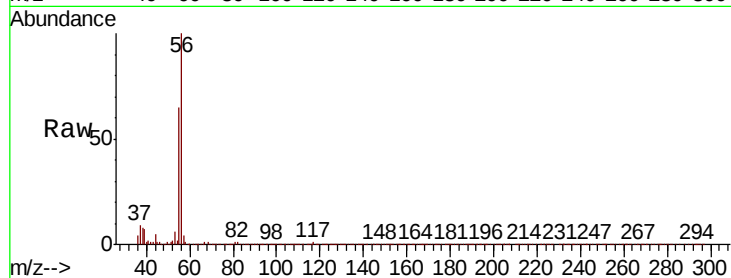
VX1108WBSD01

Tot Ion: 56 Resp: 107801

Ion Ratio Lower Upper

56 100

55 70.5 57.4 86.0



#14

Allyl chloride

Concen: 19.365 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

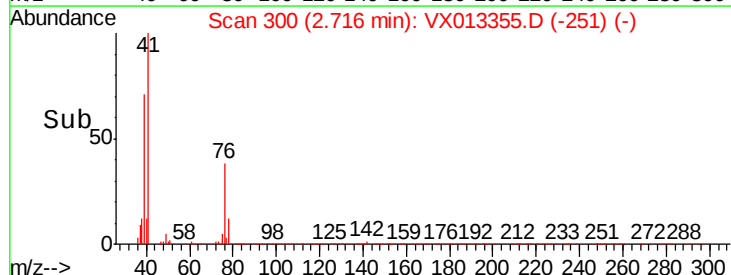
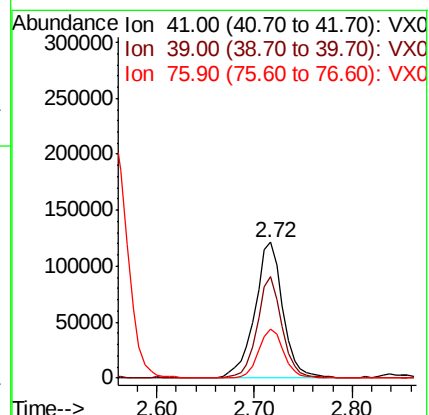
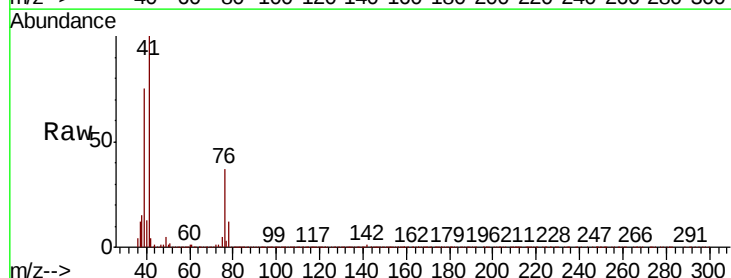
Tgt Ion: 41 Resp: 241102

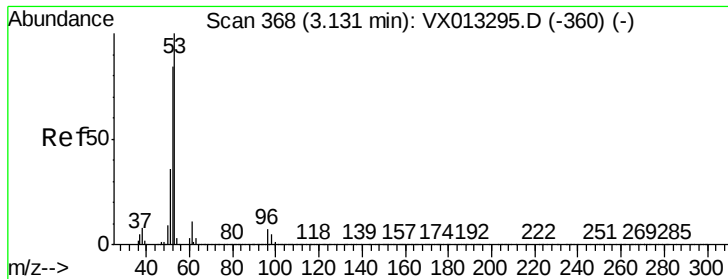
Ion Ratio Lower Upper

41 100

39 66.9 55.8 83.8

76 31.6 26.4 39.6





#15

Acrylonitrile

Concen: 90.438 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

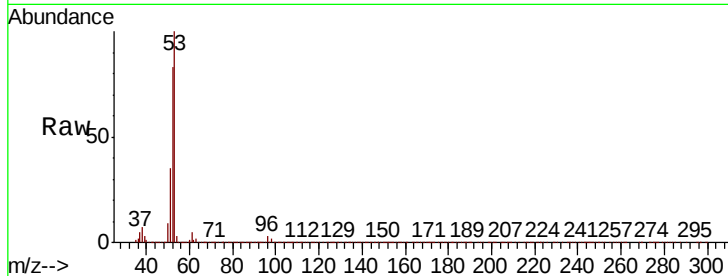
Tot Ion: 53 Resp: 394054

Ion Ratio Lower Upper

53 100

52 83.4 67.4 101.0

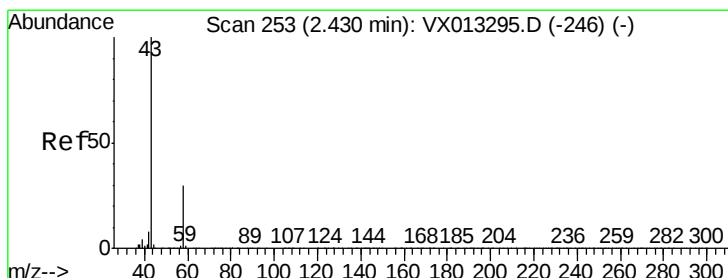
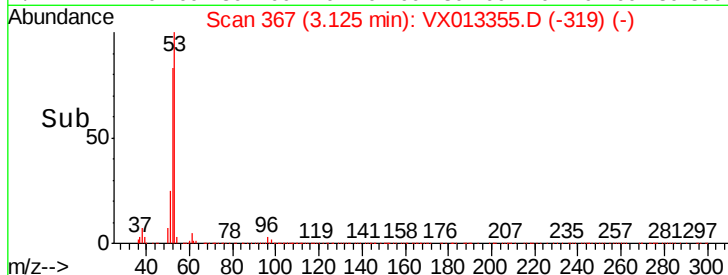
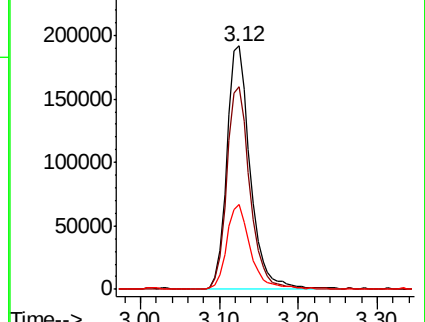
51 35.2 29.4 44.2



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: 86.100 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013355.D

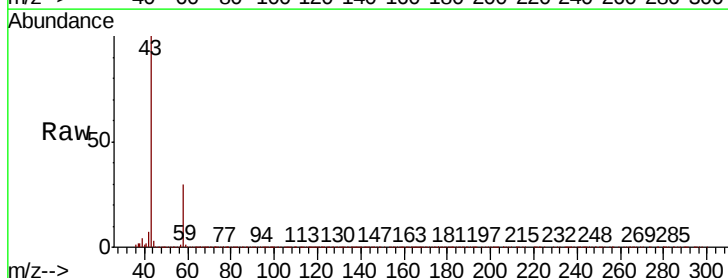
Acq: 08 Nov 2019 11:44

Tgt Ion: 43 Resp: 380064

Ion Ratio Lower Upper

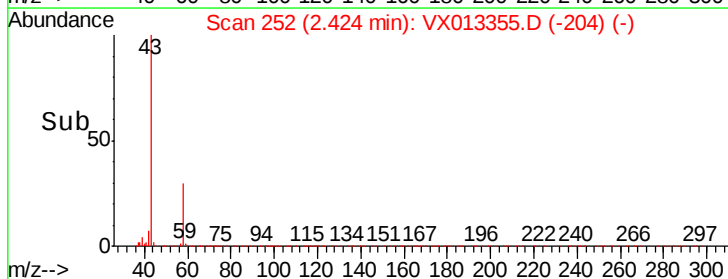
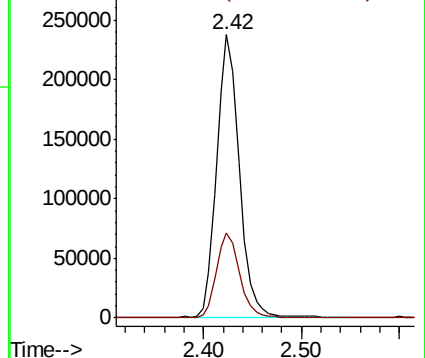
43 100

58 30.2 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: 18.841 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

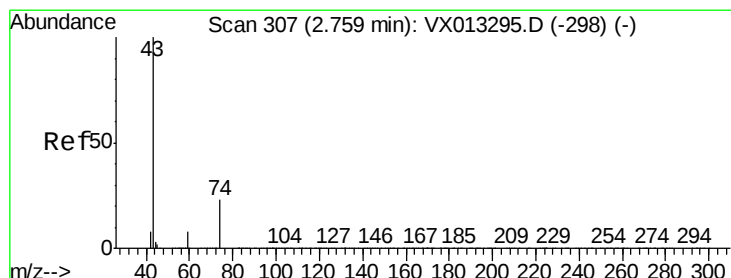
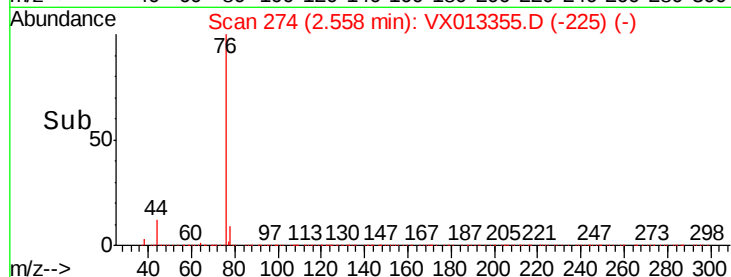
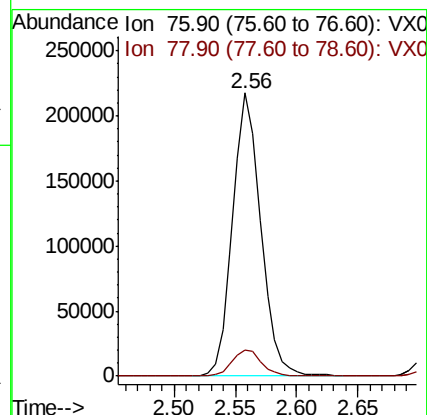
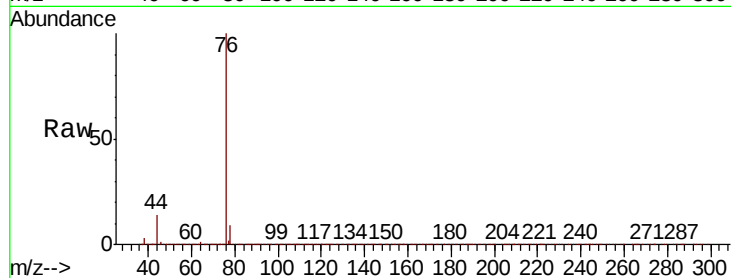
VX1108WBSD01

Tot Ion: 76 Resp: 345551

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 18.216 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX013355.D

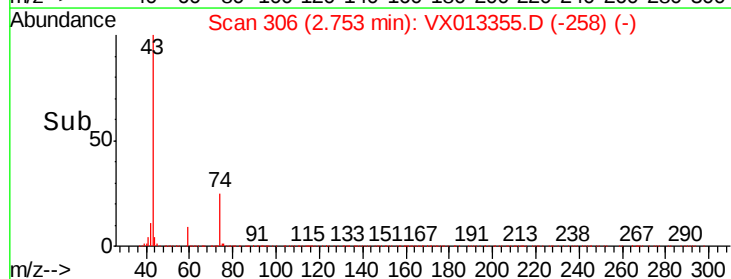
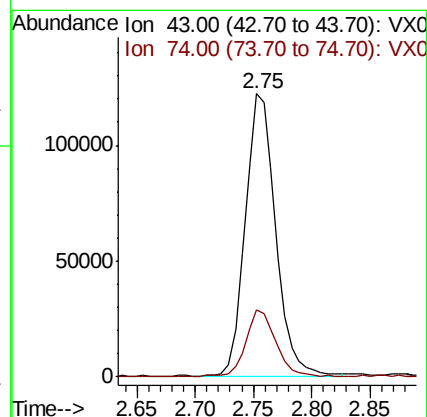
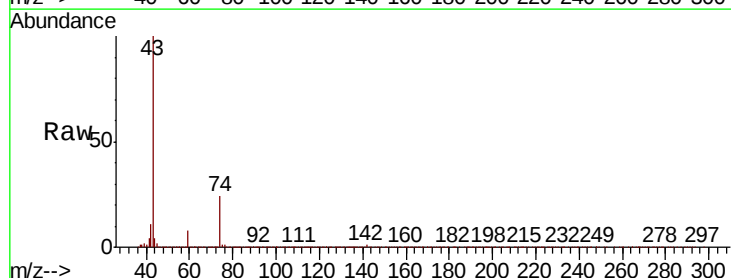
Acq: 08 Nov 2019 11:44

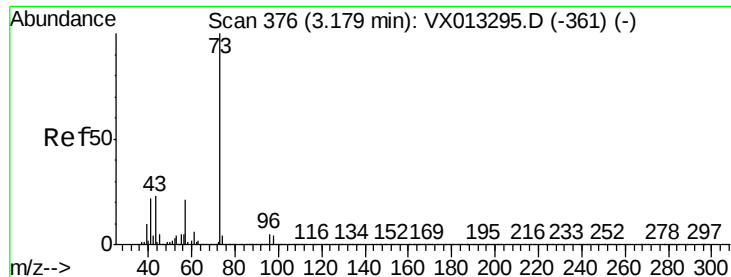
Tgt Ion: 43 Resp: 221994

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6

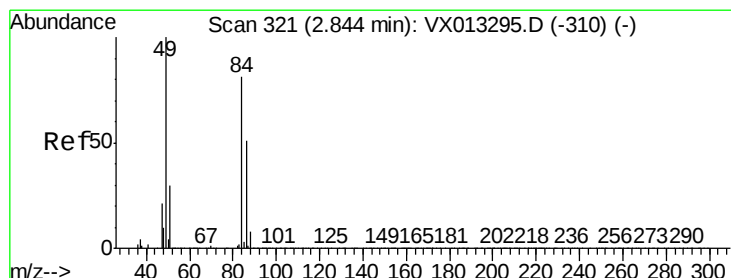
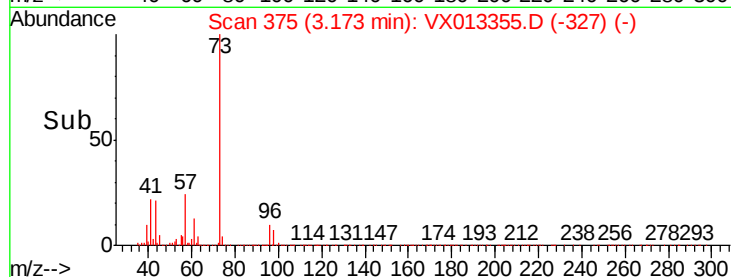
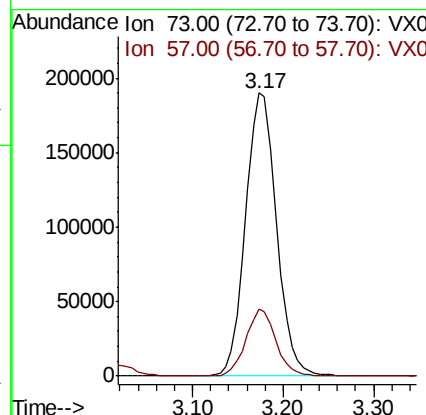
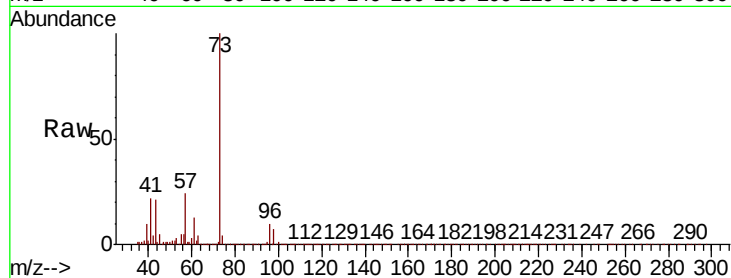




#19
Methvl tert-butvl Ether
Concen: 19.627 ug/l
RT: 3.17 min Scan# 375
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

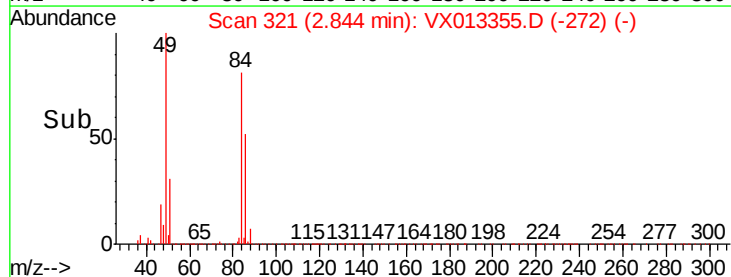
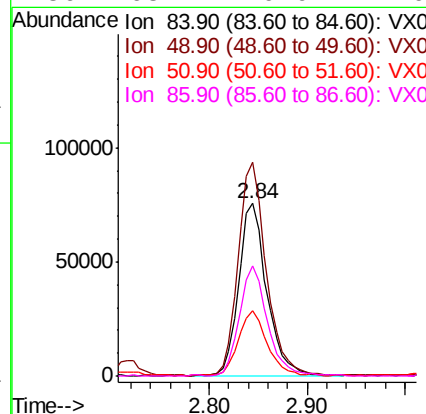
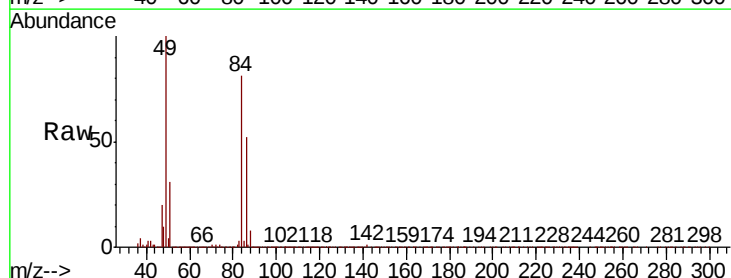
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

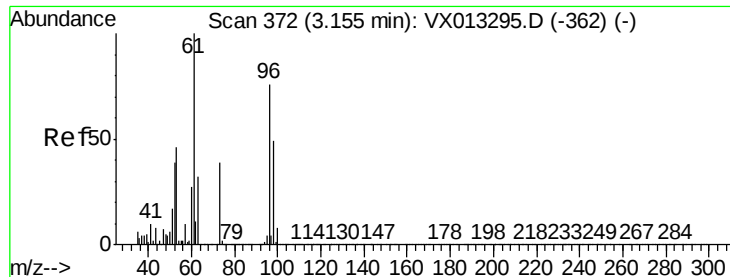
Tot Ion: 73 Resp: 448553
Ion Ratio Lower Upper
73 100
57 23.7 17.1 25.7



#20
Methylene Chloride
Concen: 18.405 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion: 84 Resp: 150106
Ion Ratio Lower Upper
84 100
49 123.7 98.2 147.4
51 37.5 29.9 44.9
86 63.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.464 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

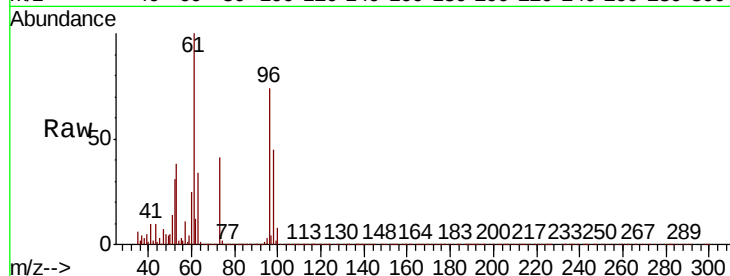
Tot Ion: 96 Resp: 145214

Ion Ratio Lower Upper

96 100

61 134.9 105.8 158.6

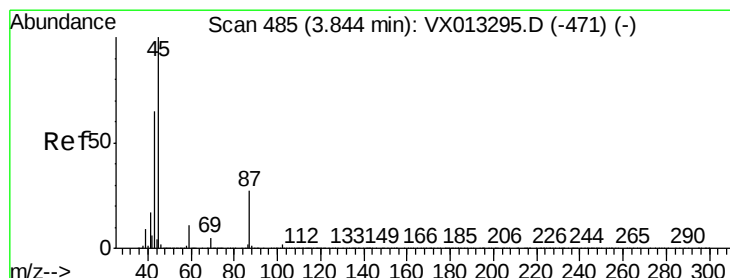
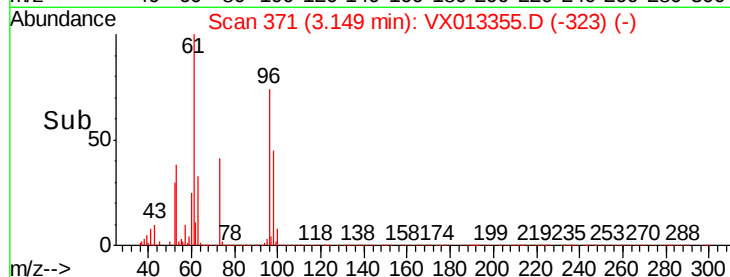
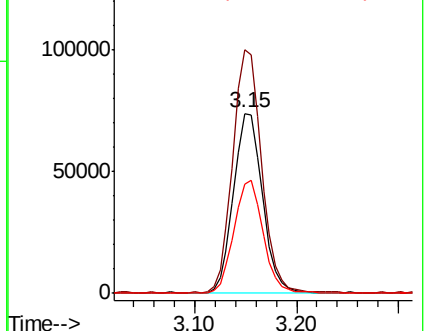
98 60.7 51.8 77.6



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: 20.456 ug/l

RT: 3.83 min Scan# 483

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion: 45 Resp: 491699

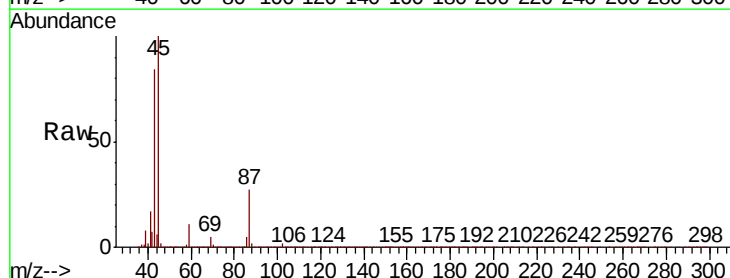
Ion Ratio Lower Upper

45 100

43 83.3 54.2 81.2#

87 26.8 21.8 32.8

59 11.0 8.5 12.7

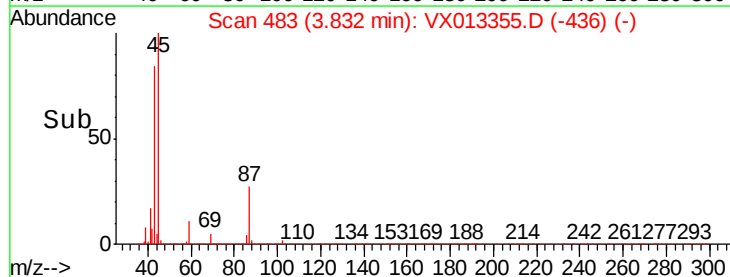
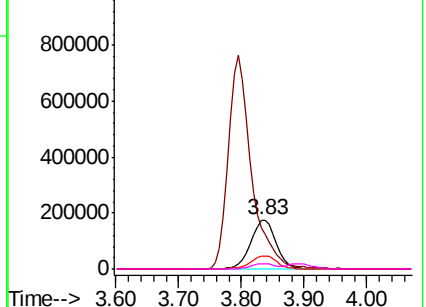


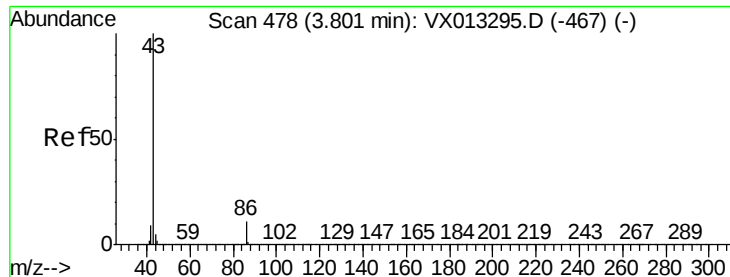
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 95.071 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

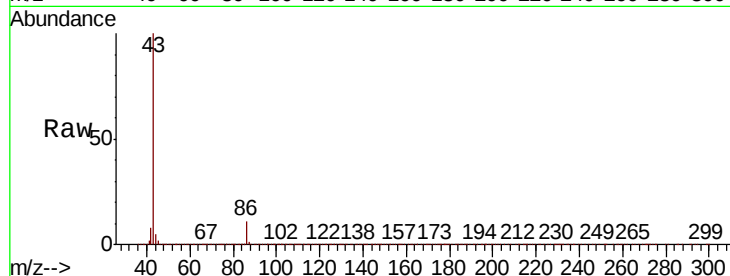
VX1108WBSD01

Tot Ion: 43 Resp: 1955426

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

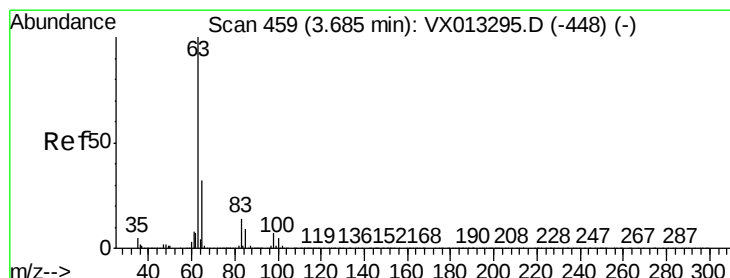
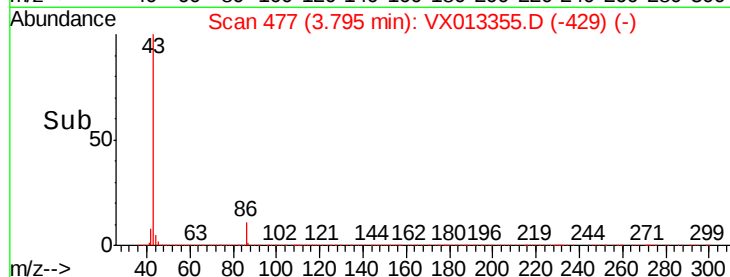
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.480 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

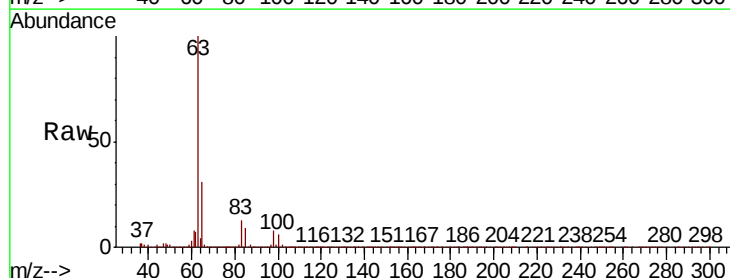
Tgt Ion: 63 Resp: 261935

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 5.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

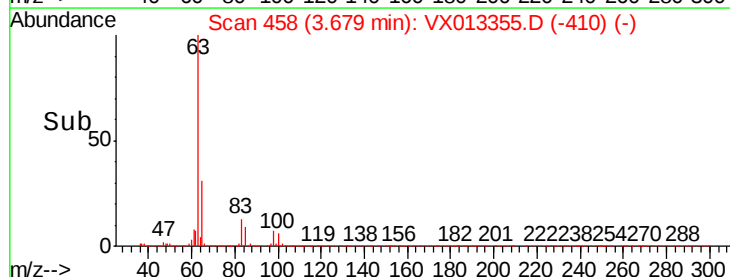
100000

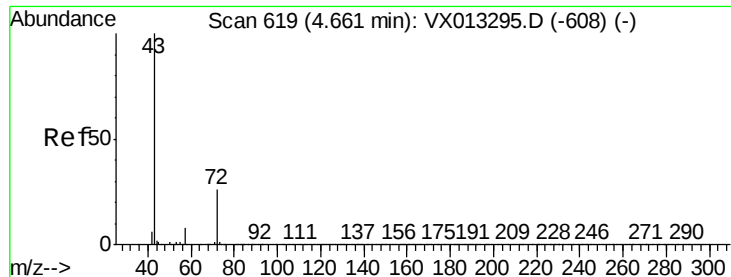
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 87.182 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

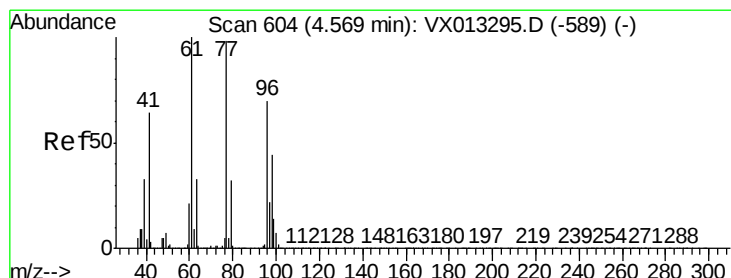
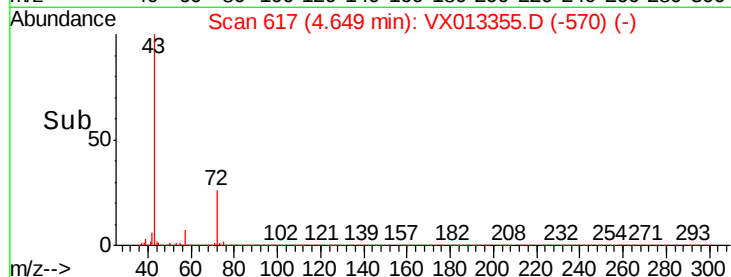
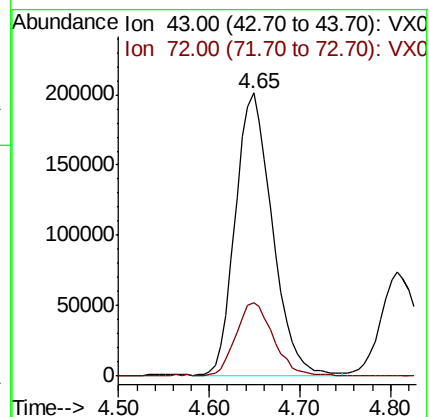
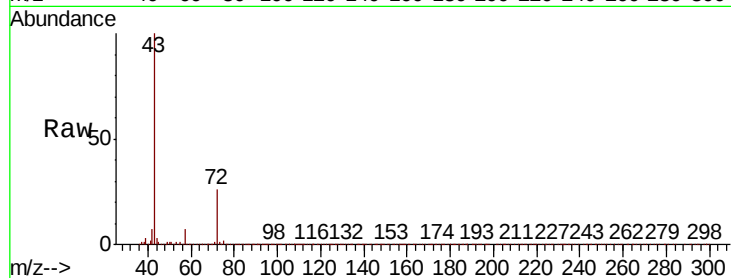
VX1108WBSD01

Tot Ion: 43 Resp: 564566

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.018 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013355.D

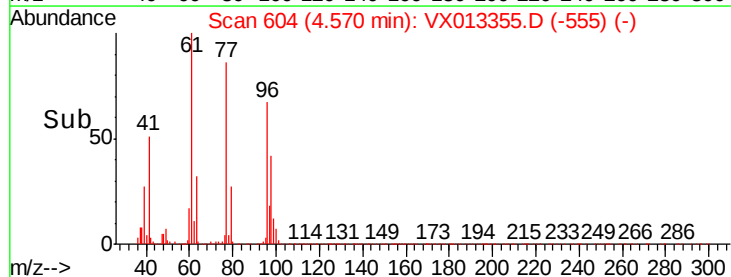
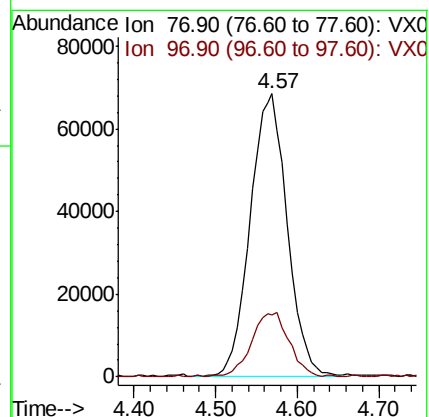
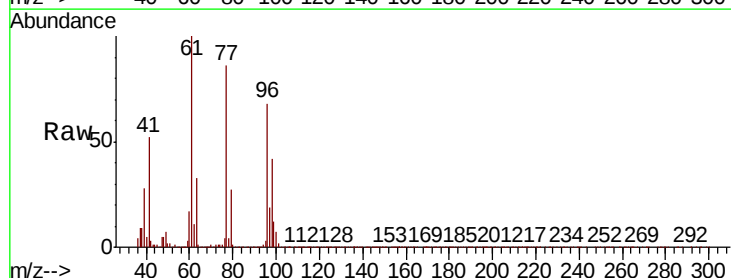
Acq: 08 Nov 2019 11:44

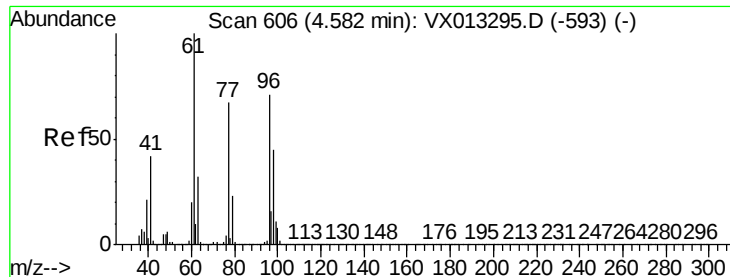
Tgt Ion: 77 Resp: 214130

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8



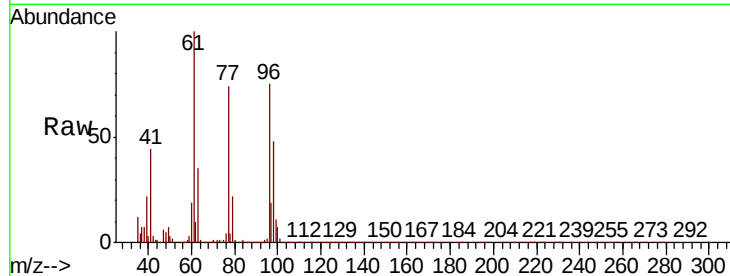


#27

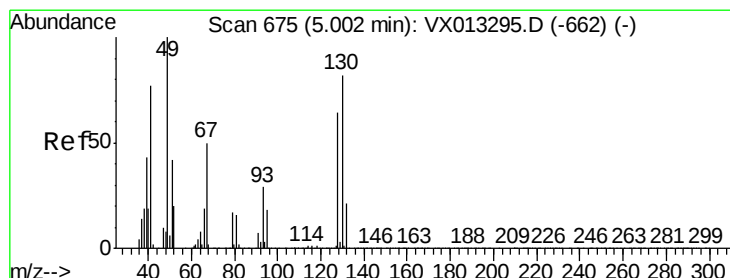
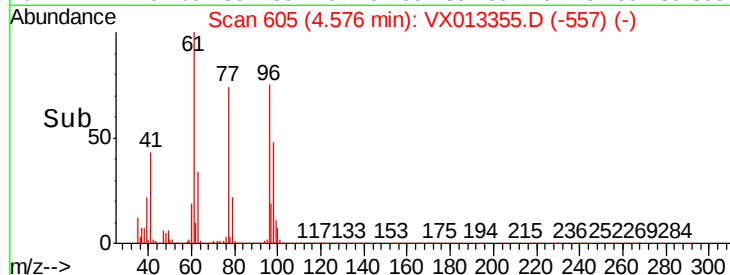
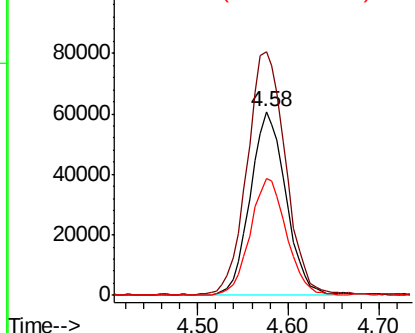
cis-1,2-Dichloroethene
Concen: 19.755 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	288.0
98	64.9	0.0	129.6



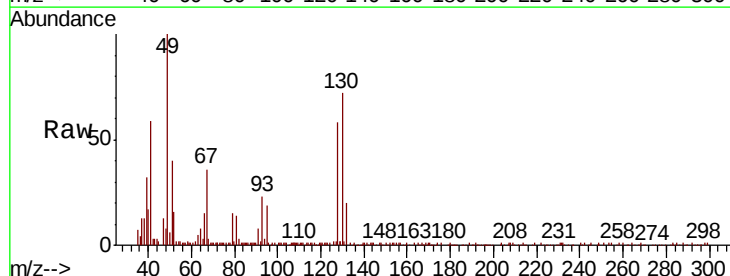
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



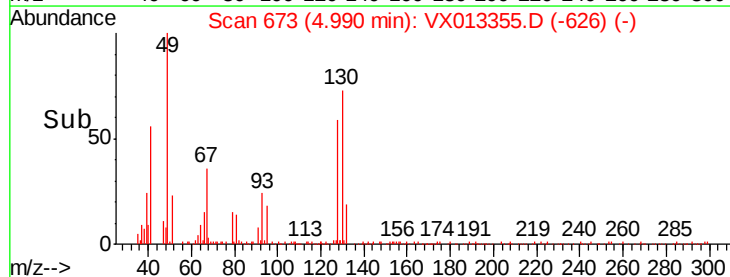
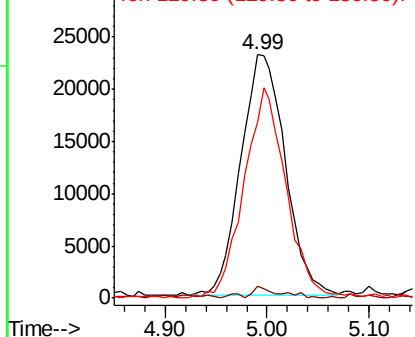
#28

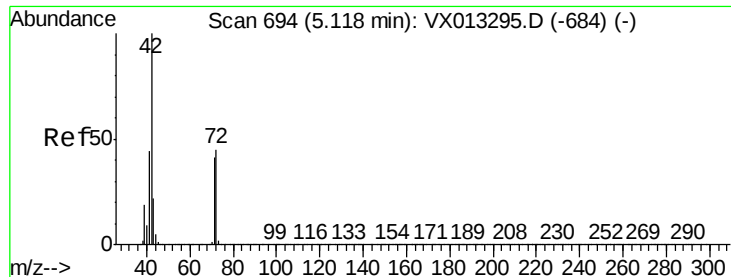
Bromochloromethane
Concen: 18.309 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.2
130	82.7	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

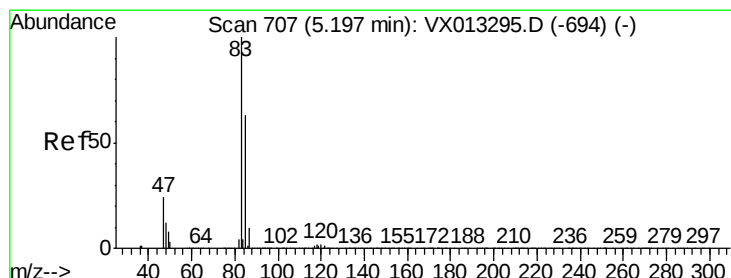
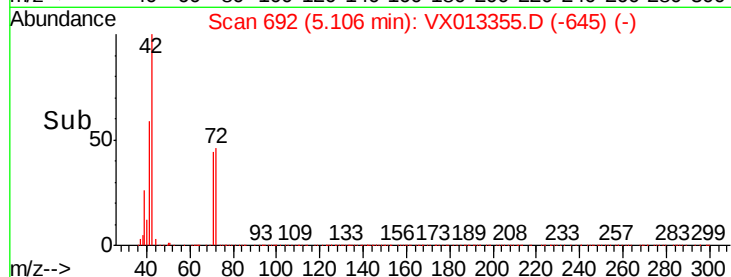
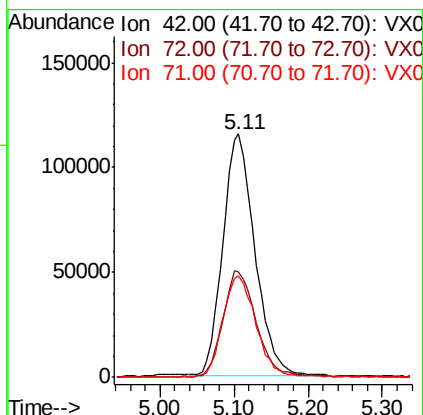
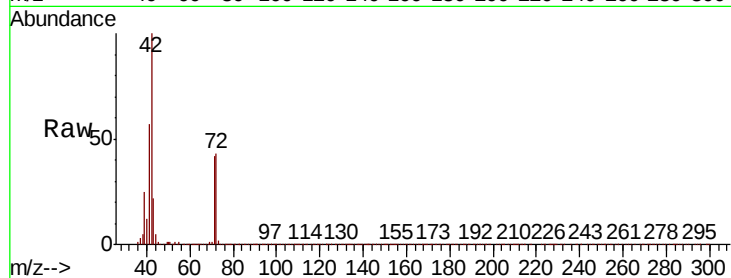




#29
Tetrahydrofuran
Concen: 87.306 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

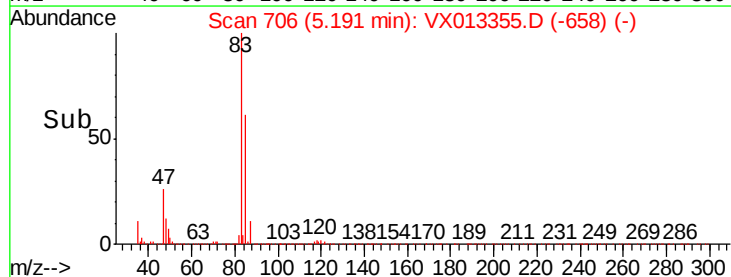
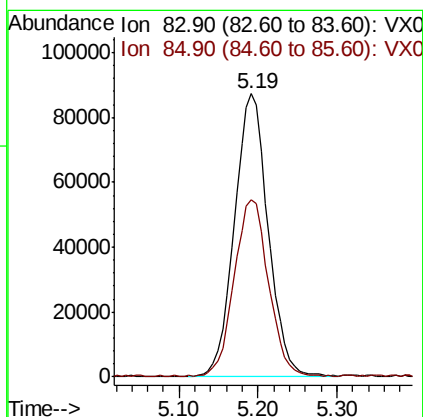
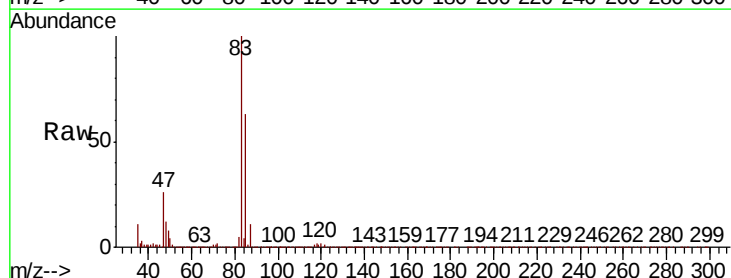
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

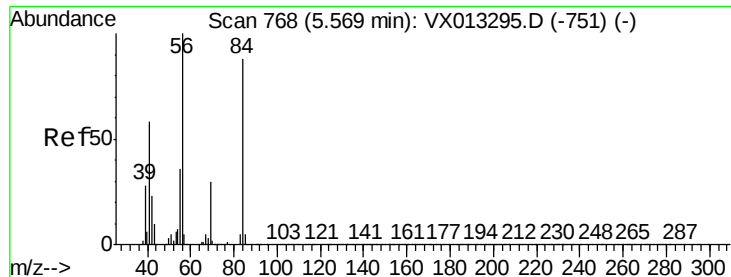
Tot Ion: 42 Resp: 348405
Ion Ratio Lower Upper
42 100
72 45.2 35.8 53.8
71 42.5 33.4 50.0



#30
Chloroform
Concen: 19.474 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion: 83 Resp: 258564
Ion Ratio Lower Upper
83 100
85 62.5 50.2 75.4

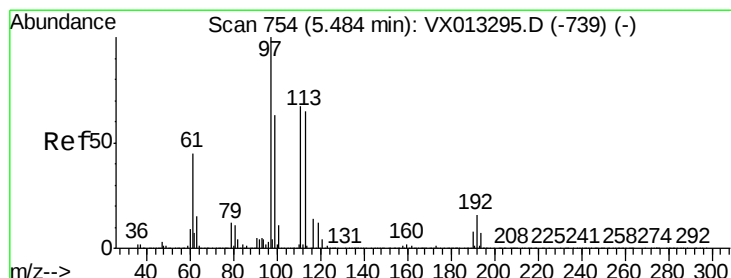
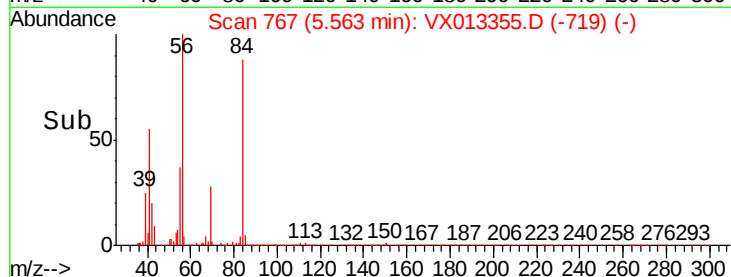
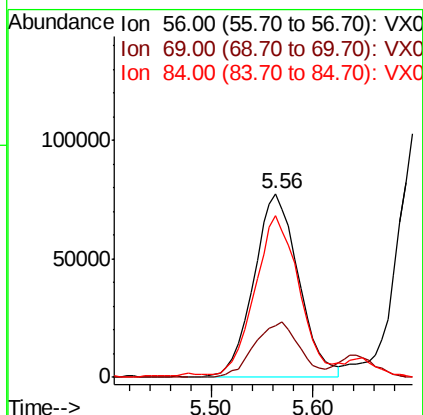
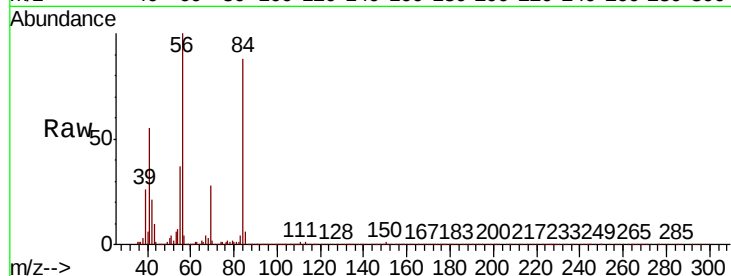




#31
Cyclohexane
Concen: 19.402 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

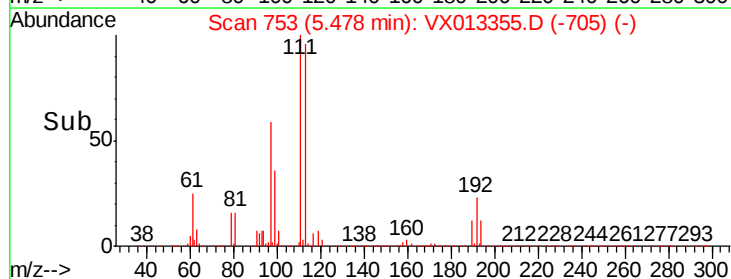
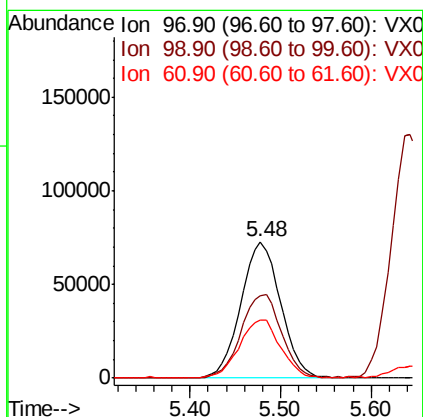
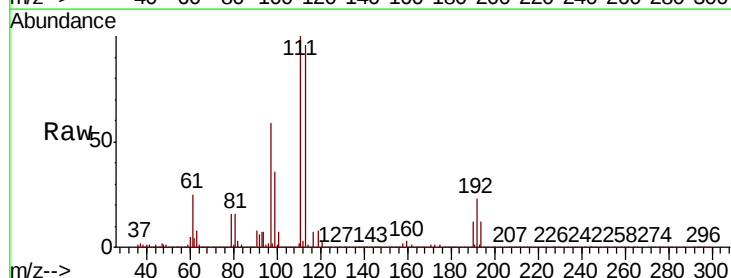
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion: 56 Resp: 234756
Ion Ratio Lower Upper
56 100
69 28.0 23.7 35.5
84 85.7 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 19.262 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion: 97 Resp: 220099
Ion Ratio Lower Upper
97 100
99 62.5 51.1 76.7
61 43.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.357 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

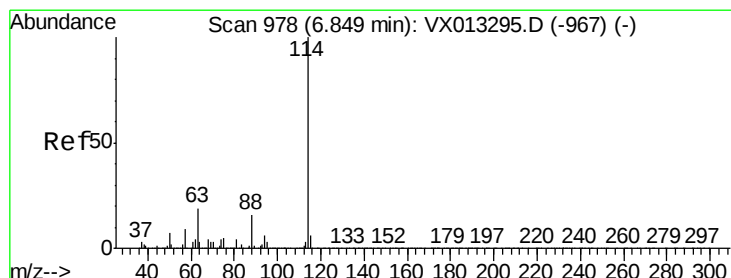
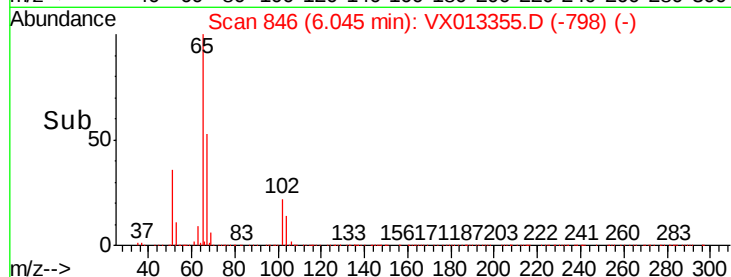
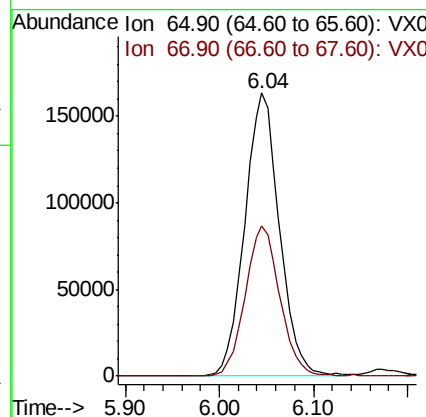
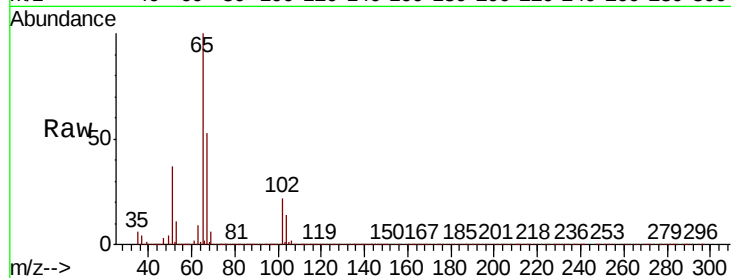
VX1108WBSD01

Tot Ion: 65 Resp: 419108

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

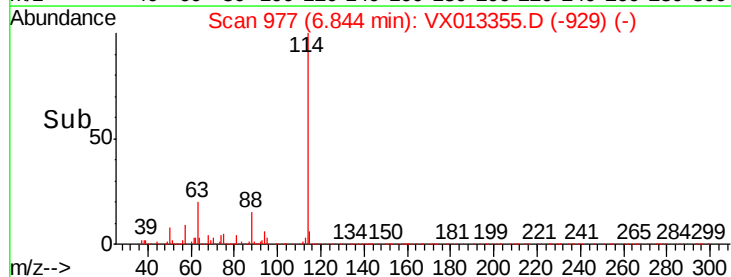
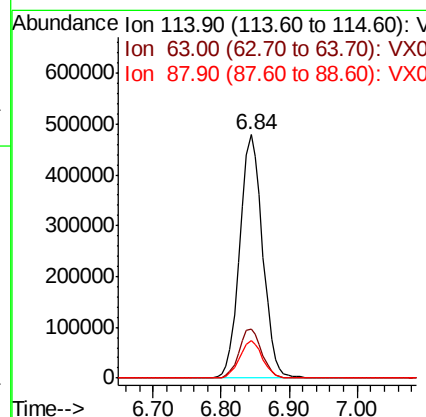
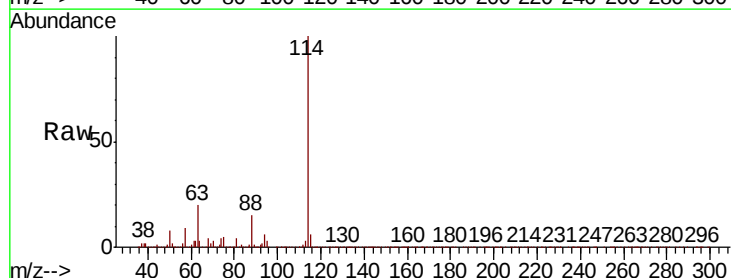
Tgt Ion: 114 Resp: 1114177

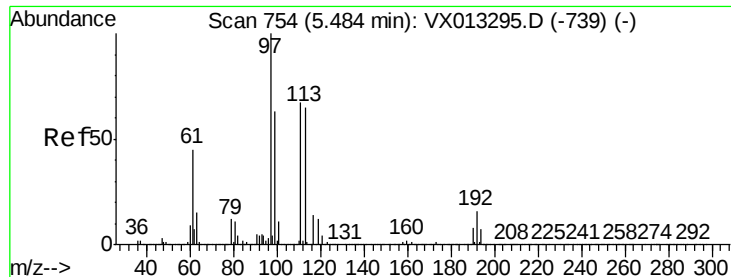
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 15.3 0.0 32.2

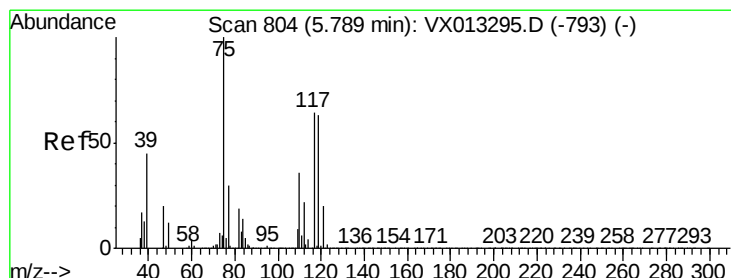
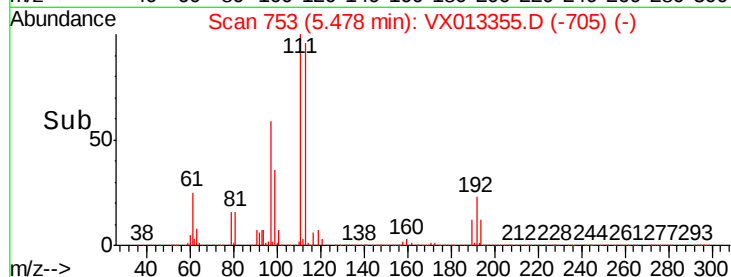
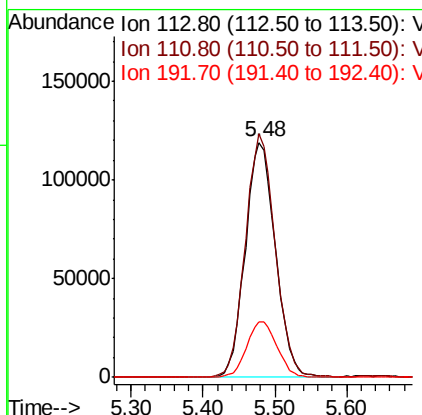
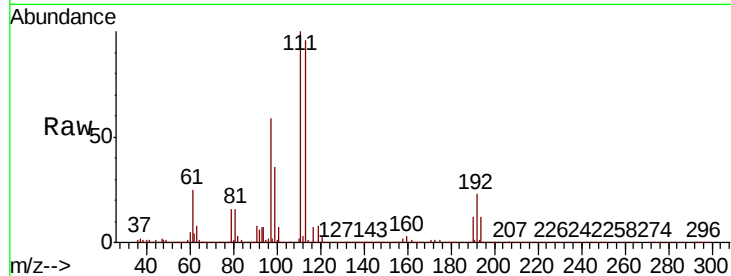




#35
 Dibromofluoromethane
 Concen: 49.222 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

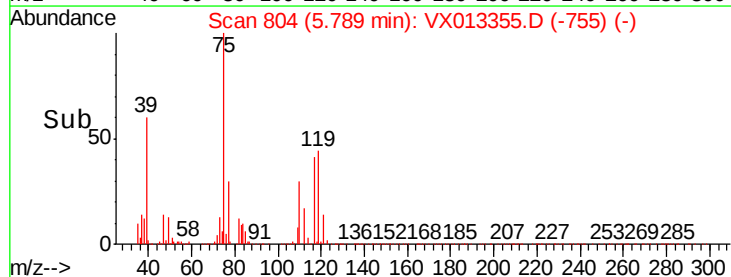
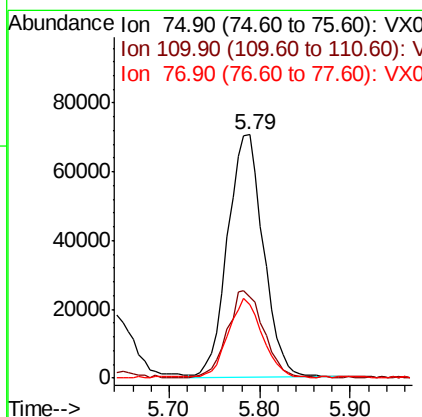
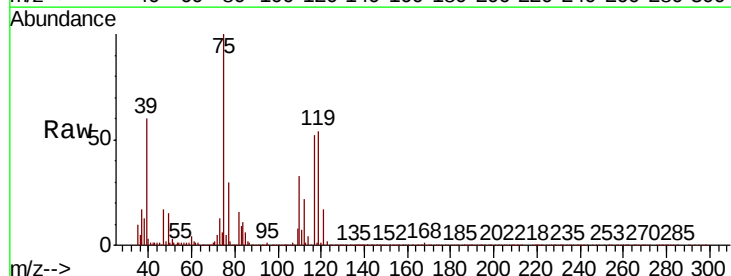
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

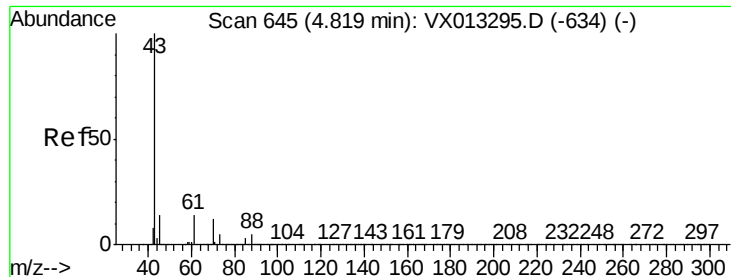
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	24.2	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 20.202 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	30.7	25.0	37.4

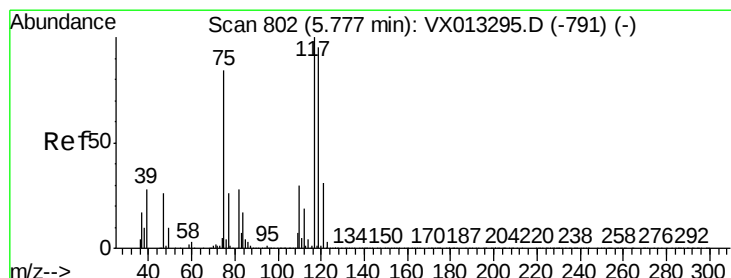
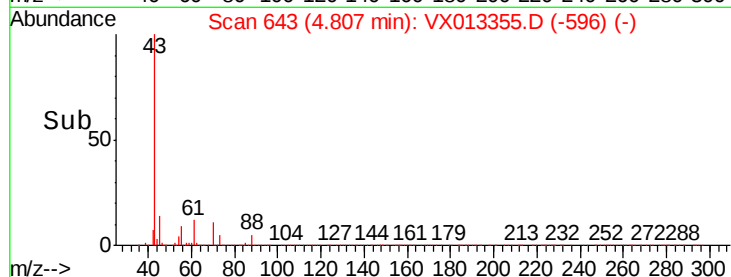
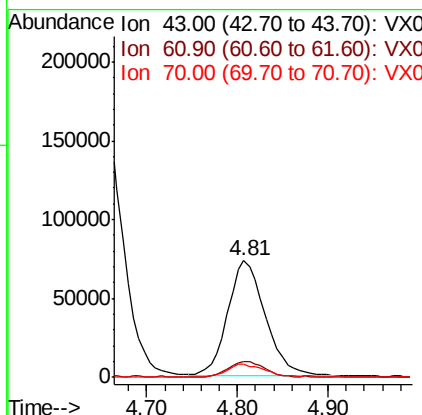
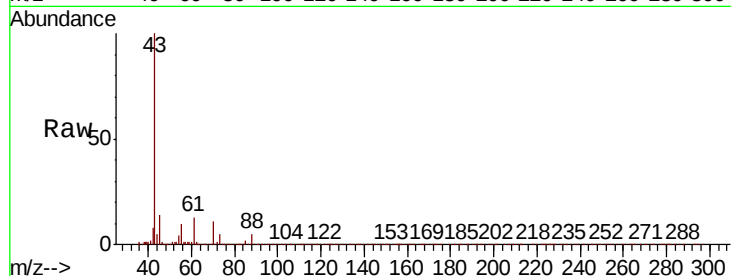




#37
Ethyl Acetate
Concen: 17.915 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

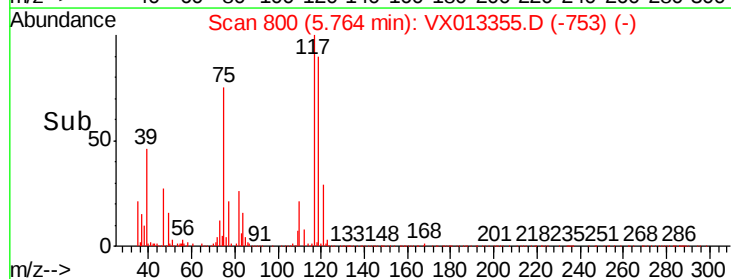
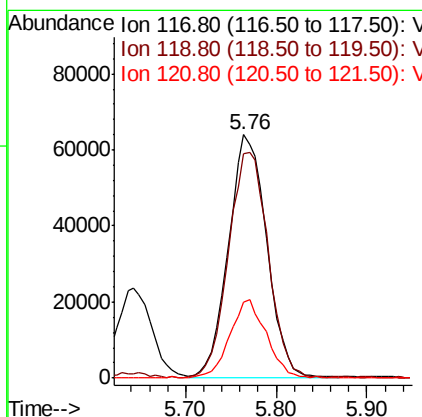
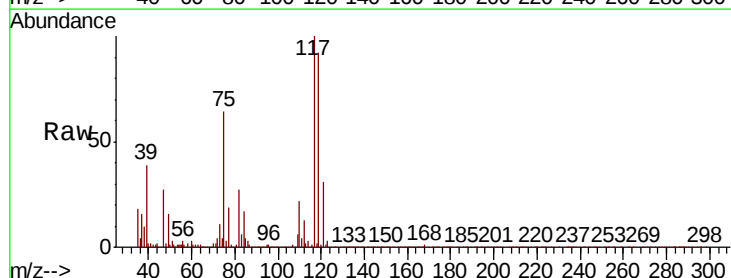
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

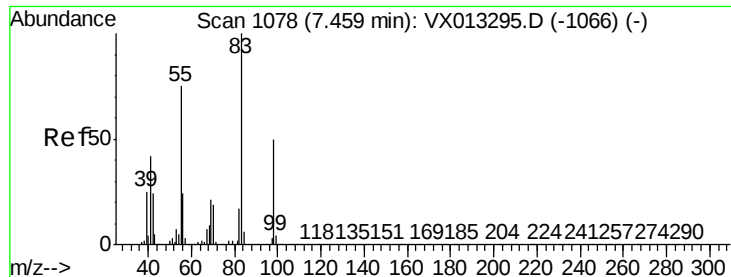
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.7	16.1
70	11.3	8.7	13.1



#38
Carbon Tetrachloride
Concen: 19.937 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.1	114.1
121	31.0	24.6	37.0

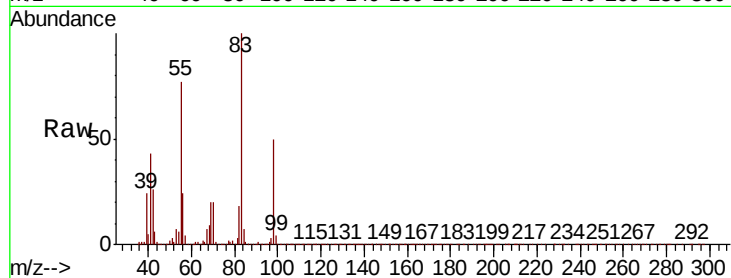




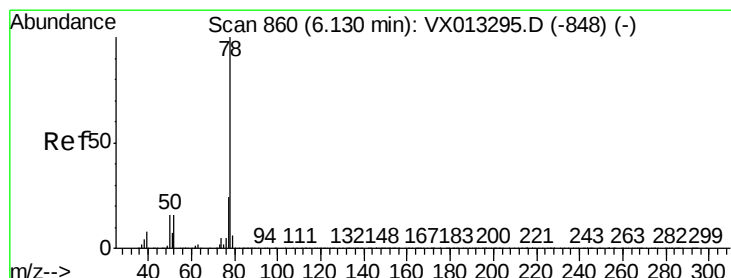
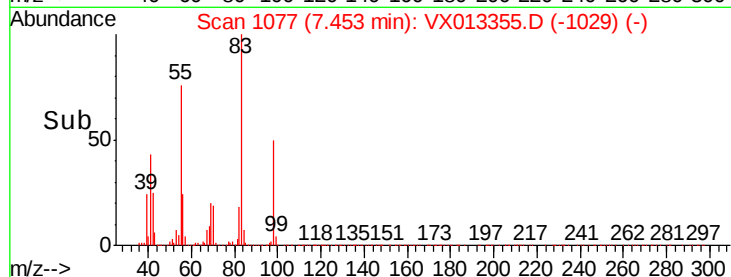
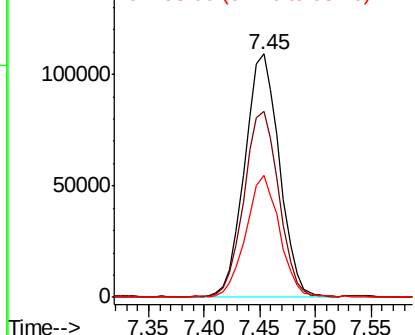
#39
Methvlcvclohexane
Concen: 19.981 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	60.3	90.5
98	49.8	40.3	60.5

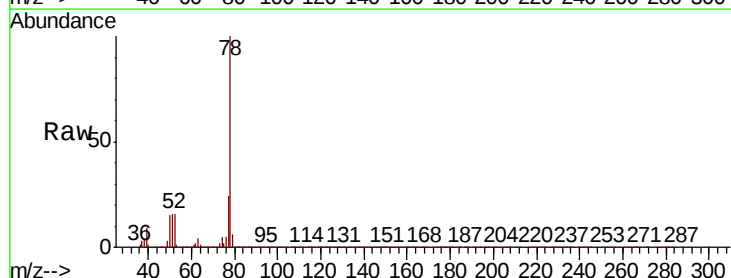


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

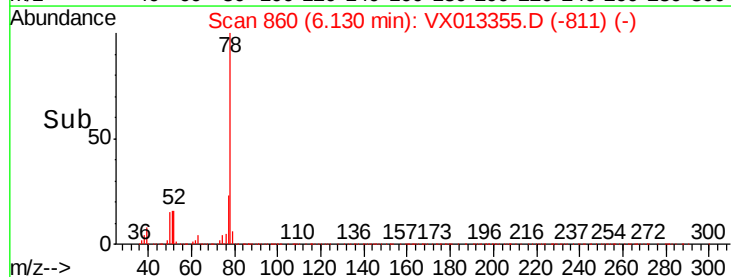
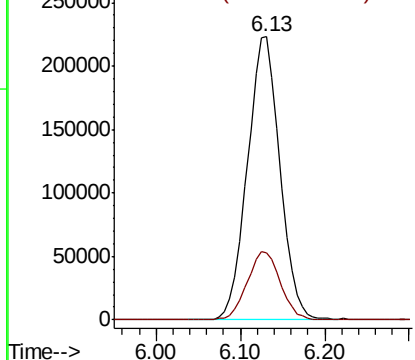


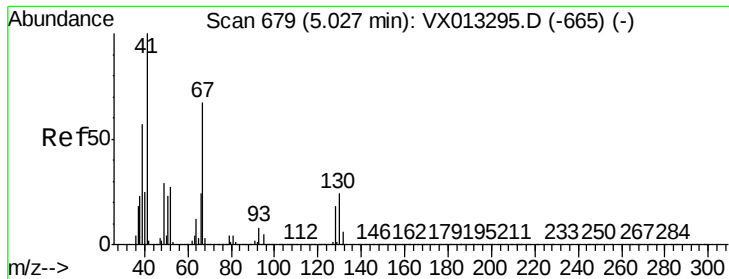
#40
Benzene
Concen: 19.784 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3



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

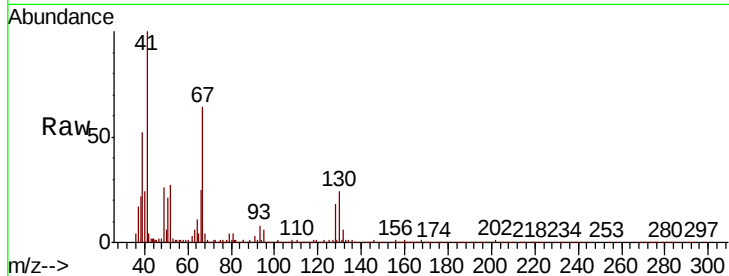




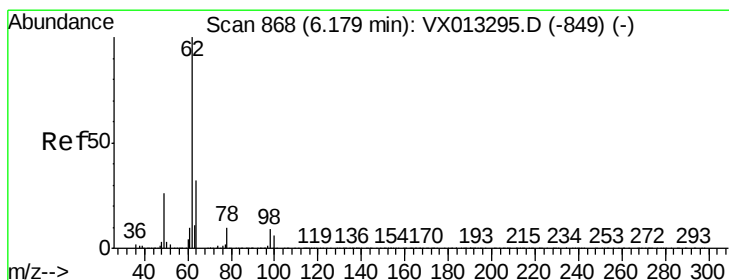
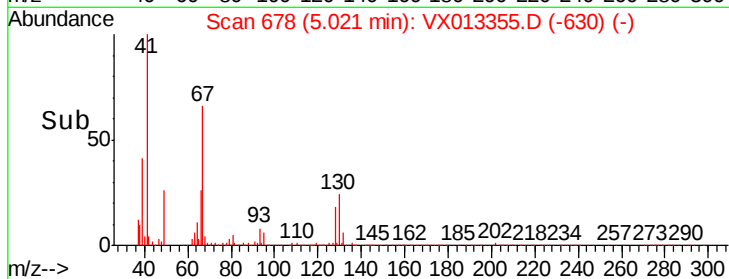
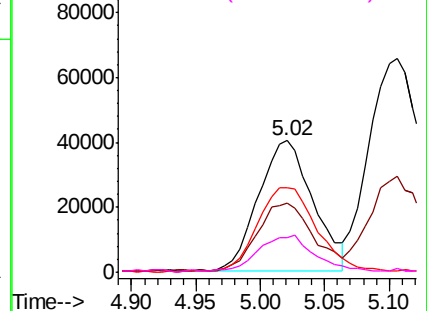
#41
Methacrylonitrile
Concen: 17.991 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion:	41	Resp:	119097
Ion	Ratio	Lower	Upper
41	100		
39	52.0	45.0	67.6
67	70.2	55.4	83.2
52	27.5	23.1	34.7

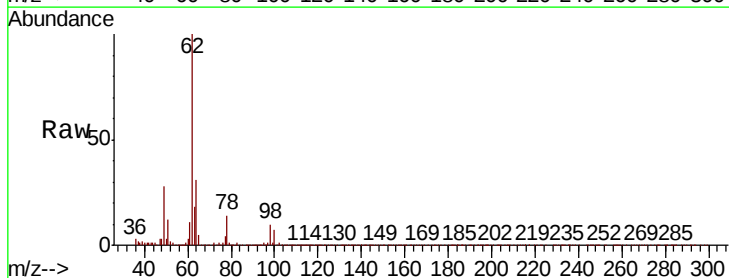


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

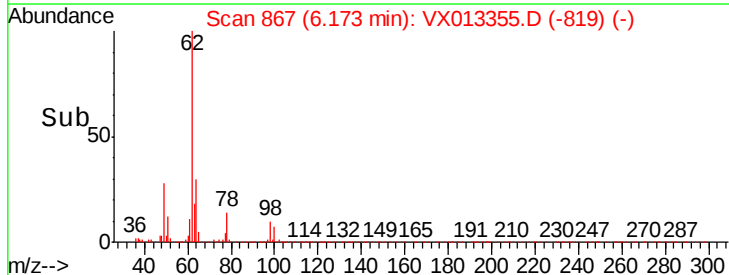
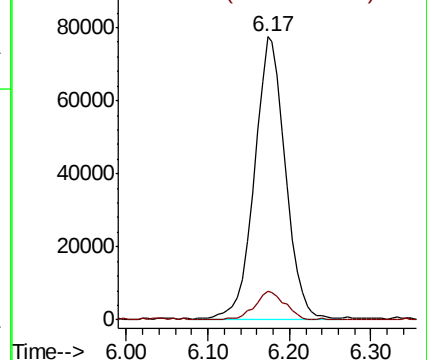


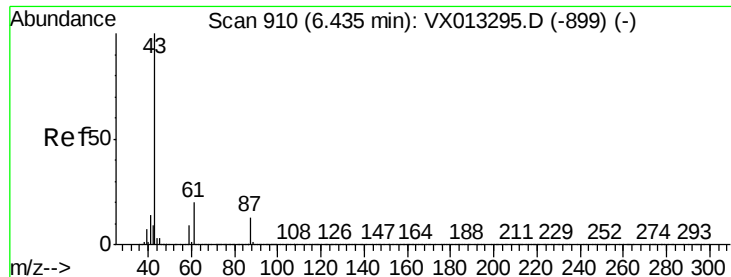
#42
1,2-Dichloroethane
Concen: 19.208 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion:	62	Resp:	206283
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4



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



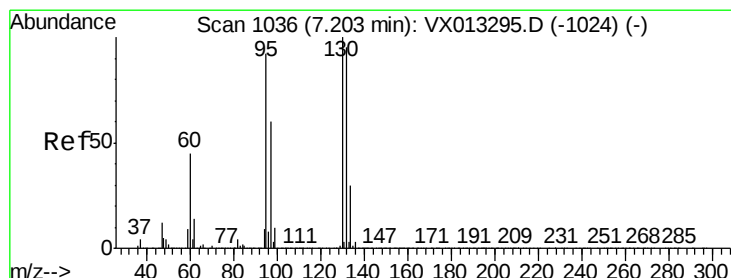
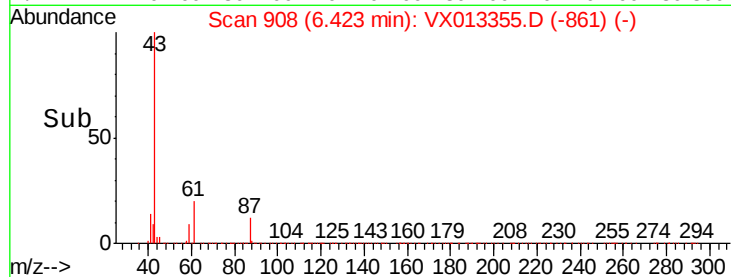
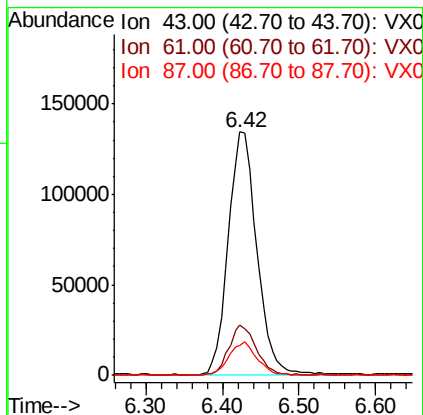
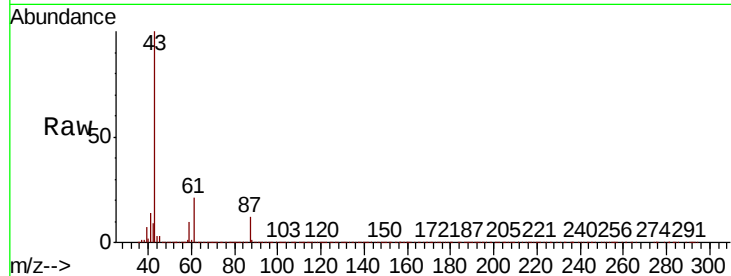


#43

Isopropyl Acetate
 Concen: 18.804 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampled :
 VX1108WBSD01

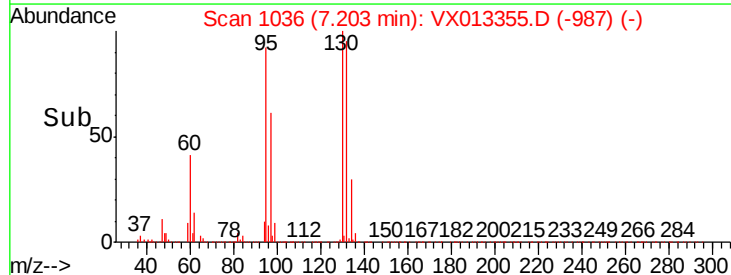
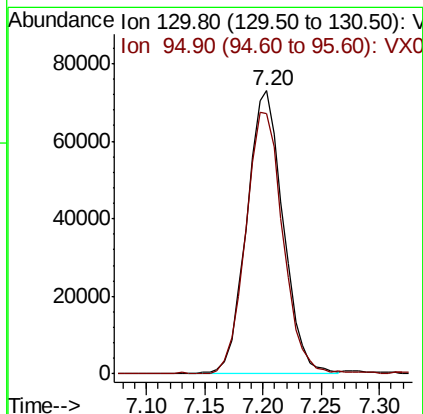
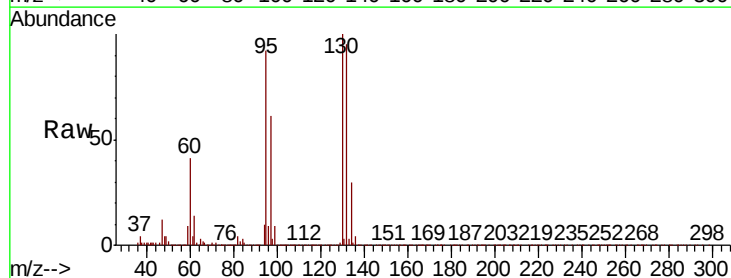
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.8	23.8
87	13.0	10.4	15.6

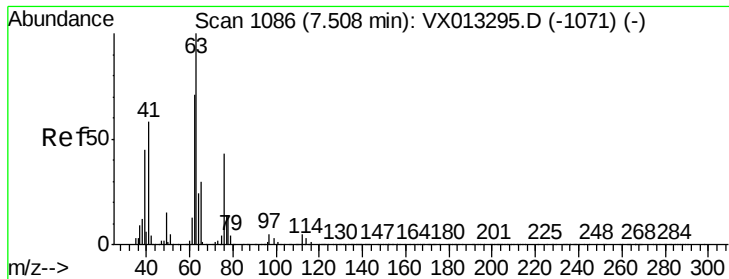


#44

Trichloroethene
 Concen: 19.331 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	184.8





#45

1,2-Dichloropropane

Concen: 20.086 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

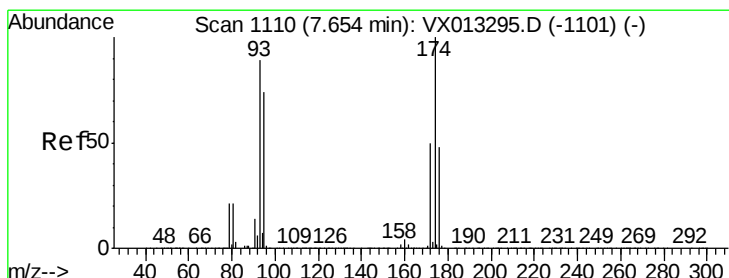
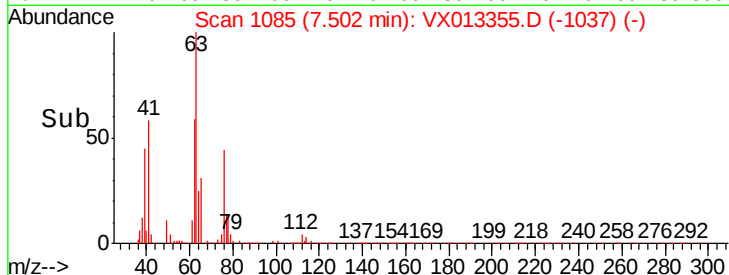
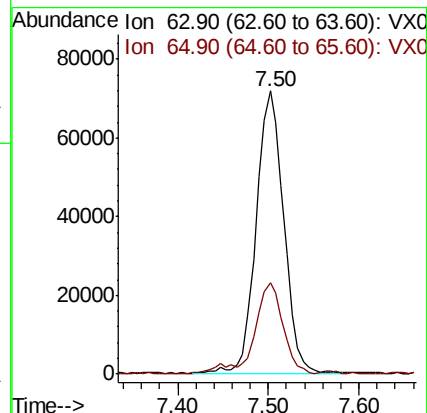
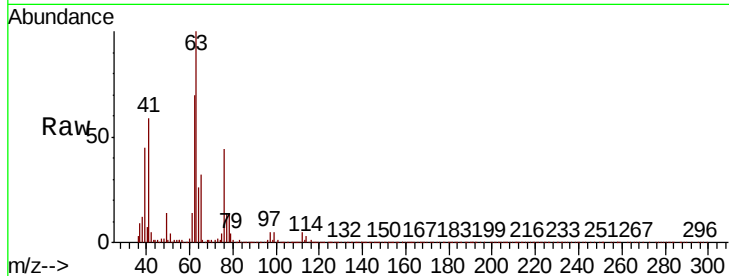
VX1108WBSD01

Tot Ion: 63 Resp: 152379

Ion Ratio Lower Upper

63 100

65 32.0 24.3 36.5



#46

Dibromomethane

Concen: 18.837 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

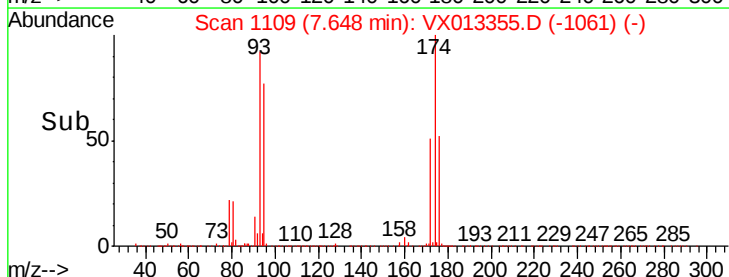
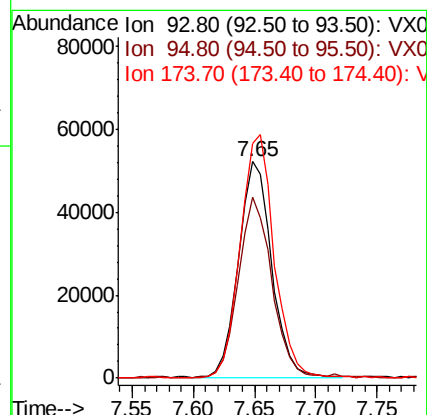
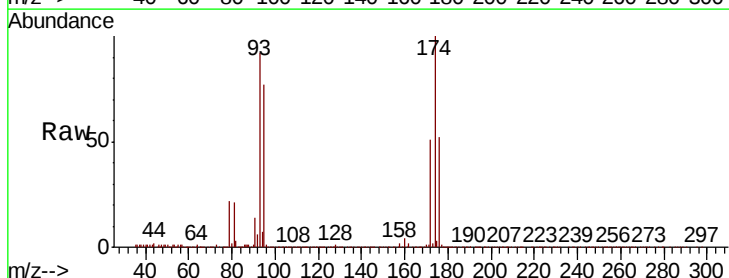
Tgt Ion: 93 Resp: 97569

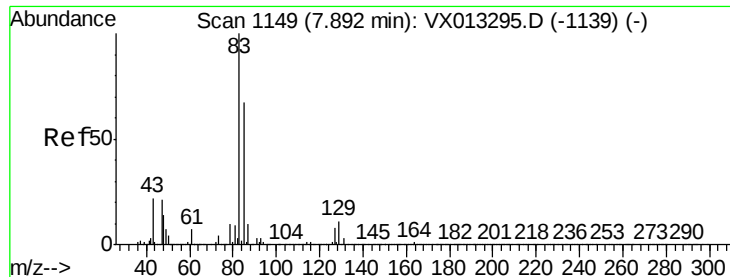
Ion Ratio Lower Upper

93 100

95 85.6 65.8 98.6

174 115.3 90.4 135.6





#47

Bromodichloromethane

Concen: 19.864 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

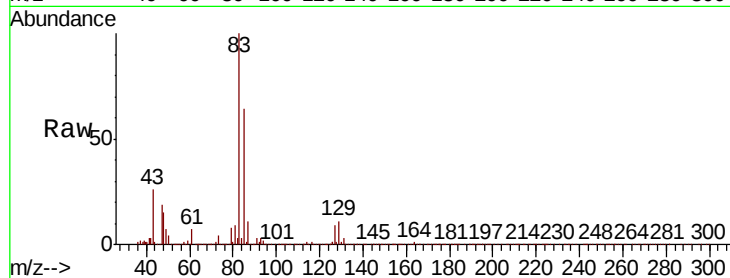
Tot Ion: 83 Resp: 194019

Ion Ratio Lower Upper

83 100

85 63.9 53.7 80.5

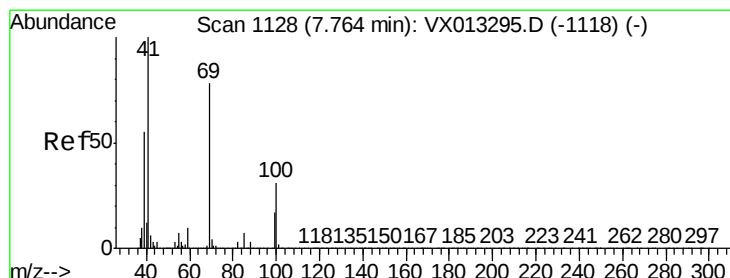
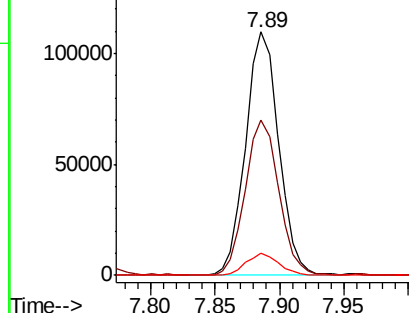
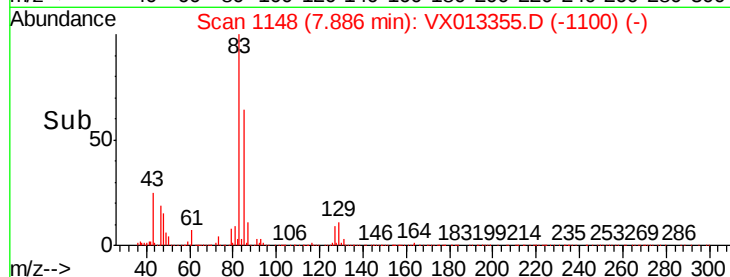
127 9.1 6.4 9.6



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: 18.885 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

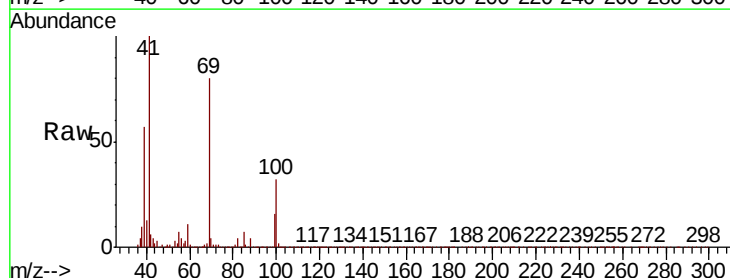
Tgt Ion: 41 Resp: 173377

Ion Ratio Lower Upper

41 100

69 80.1 63.0 94.6

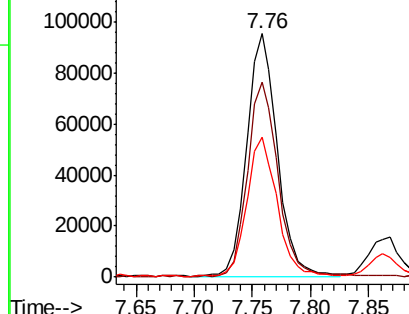
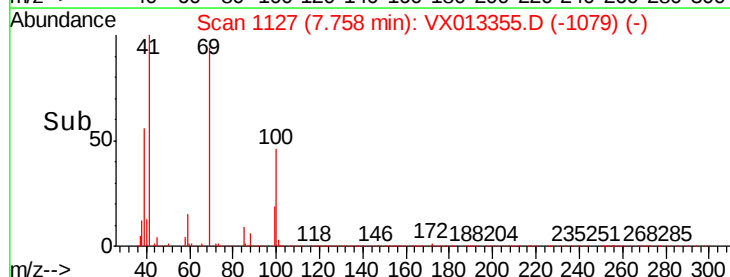
39 56.6 45.9 68.9

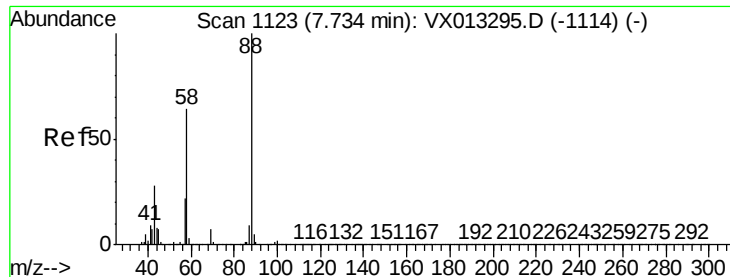


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 357.385 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

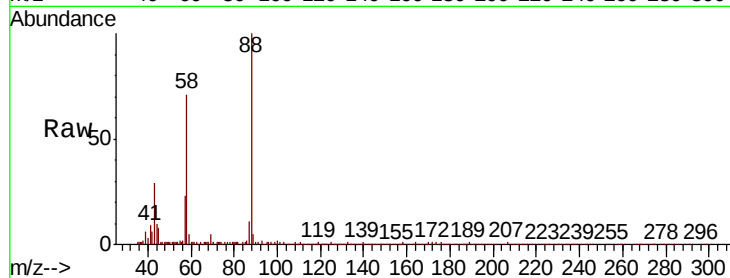
Tot Ion: 88 Resp: 75139

Ion Ratio Lower Upper

88 100

43 31.8 26.6 39.8

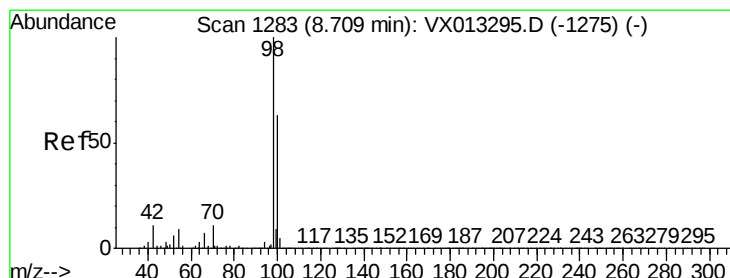
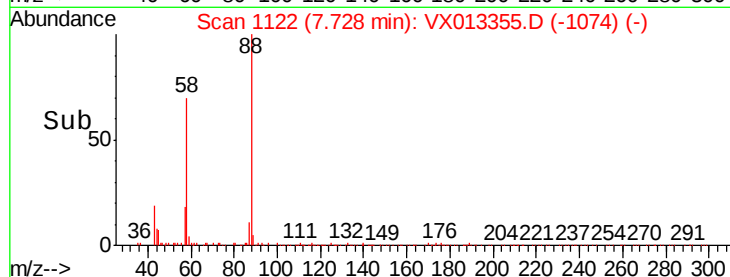
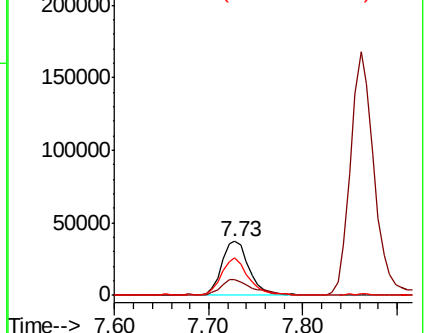
58 67.9 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.459 ug/l

RT: 8.70 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VX013355.D

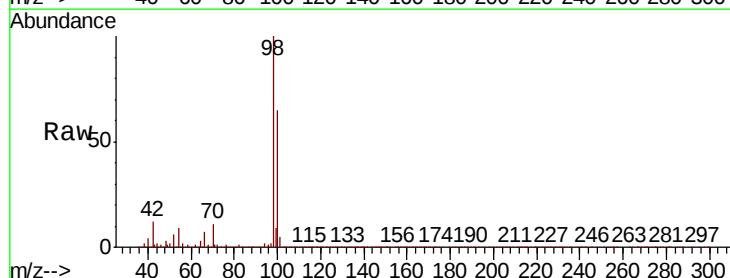
Acq: 08 Nov 2019 11:44

Tgt Ion: 98 Resp: 1329332

Ion Ratio Lower Upper

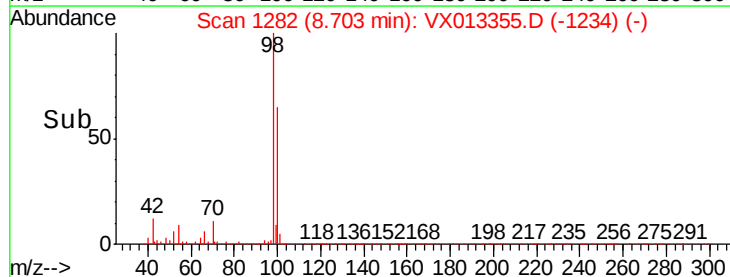
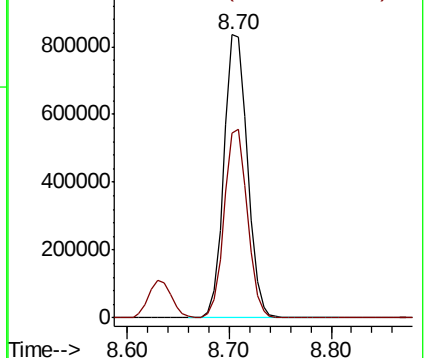
98 100

100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 90.111 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

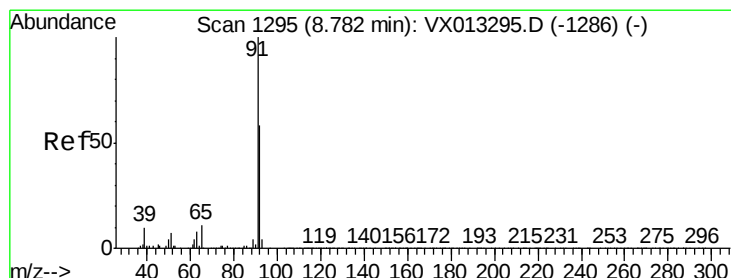
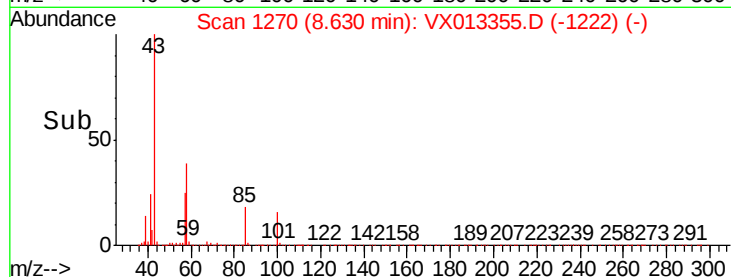
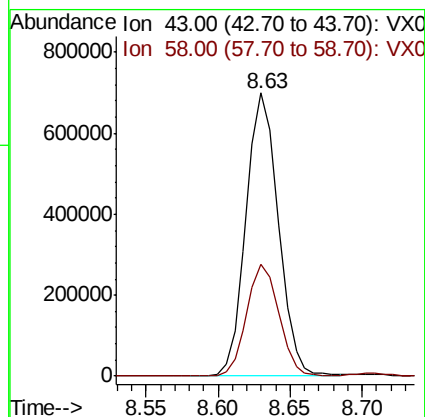
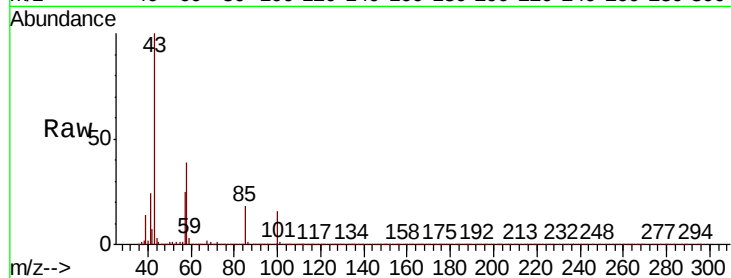
VX1108WBSD01

Tot Ion: 43 Resp: 1087320

Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.0



#52

Toluene

Concen: 20.021 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013355.D

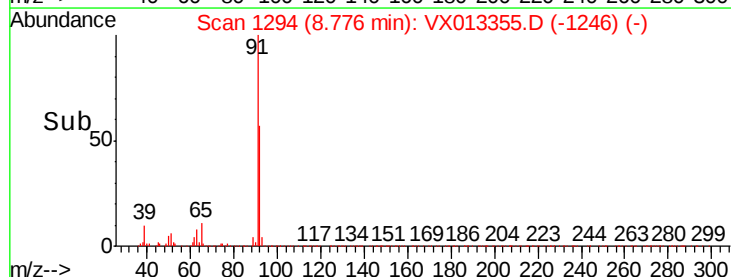
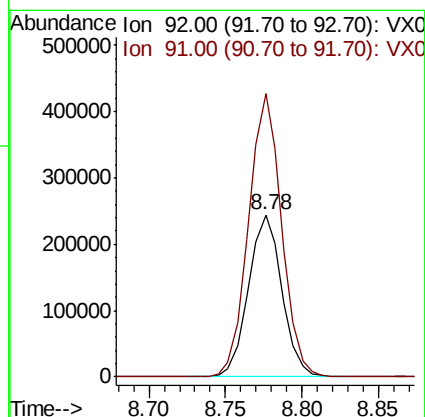
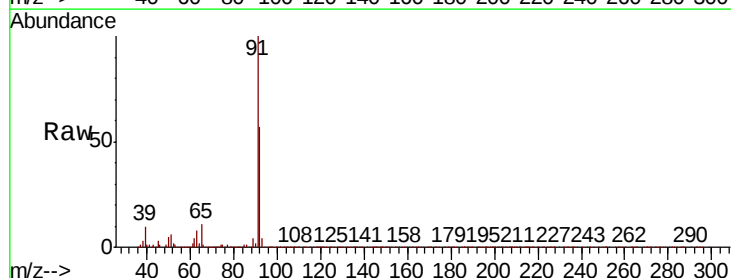
Acq: 08 Nov 2019 11:44

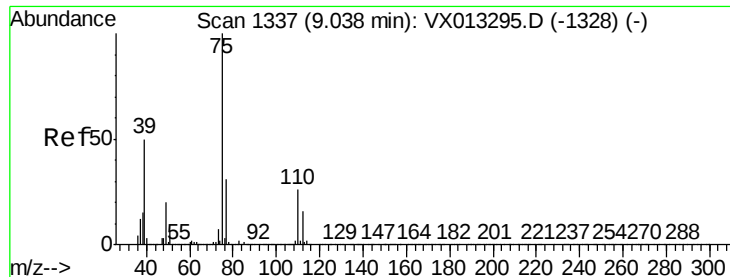
Tgt Ion: 92 Resp: 369464

Ion Ratio Lower Upper

92 100

91 173.1 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 20.238 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

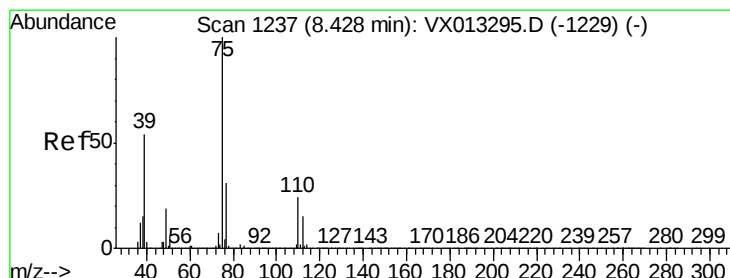
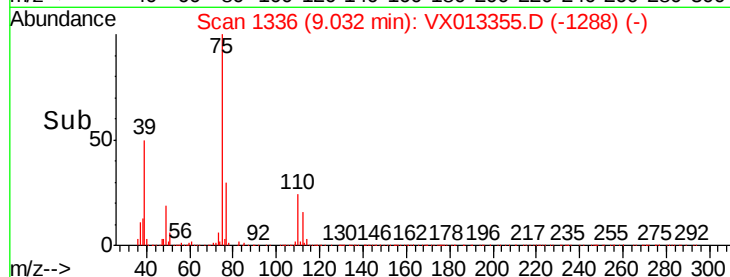
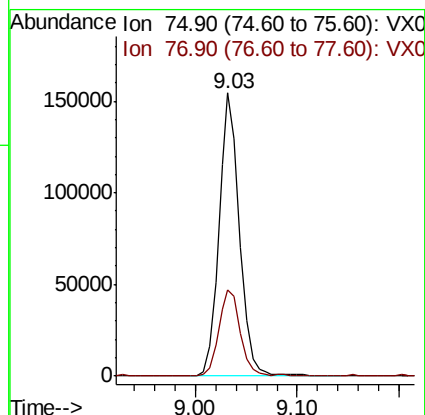
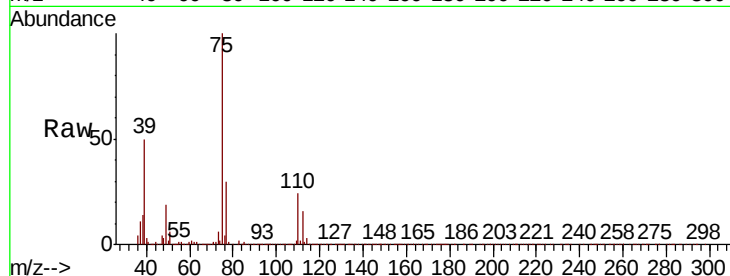
VX1108WBSD01

Tot Ion: 75 Resp: 216150

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.986 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

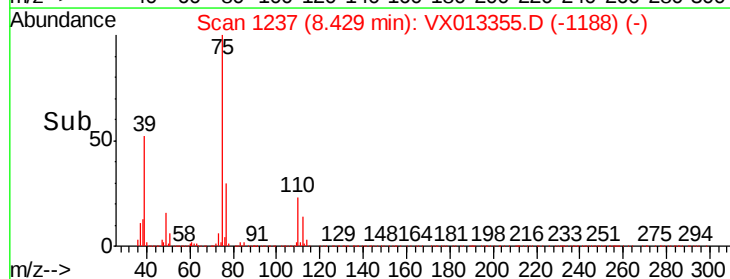
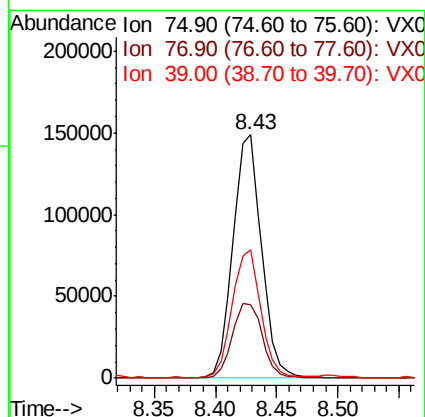
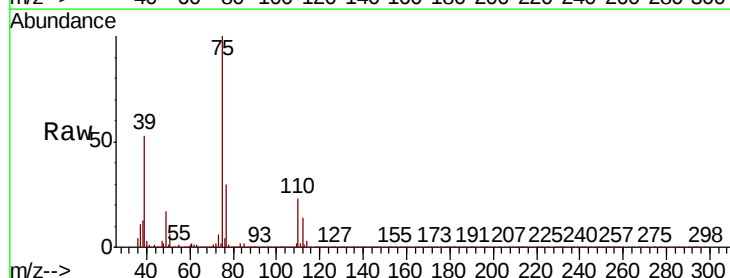
Tgt Ion: 75 Resp: 238775

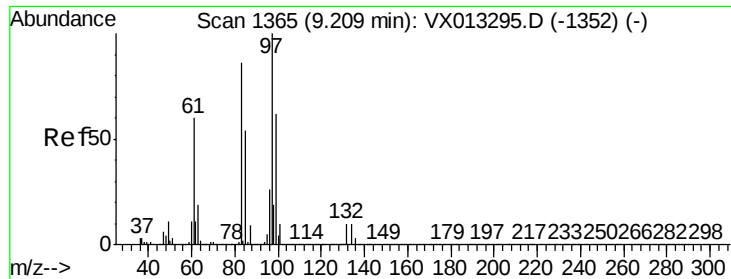
Ion Ratio Lower Upper

75 100

77 29.7 24.7 37.1

39 52.4 43.0 64.6

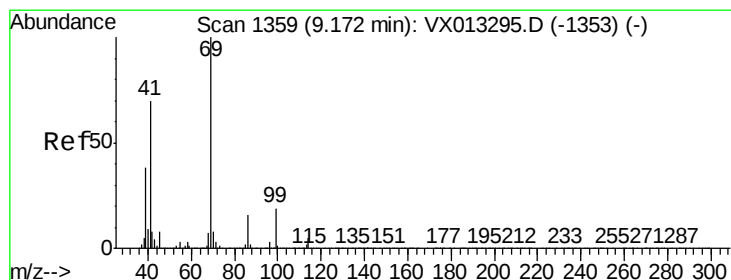
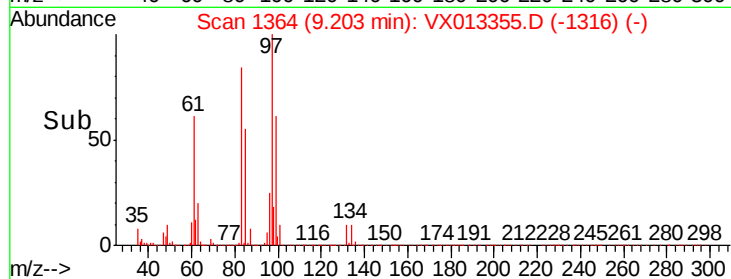
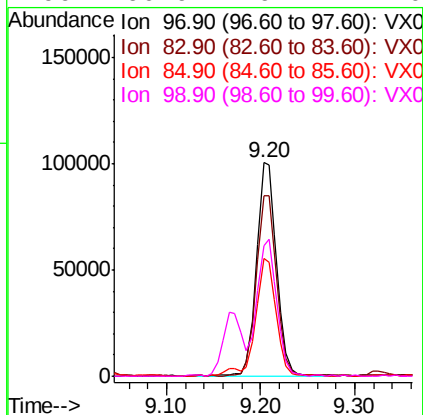
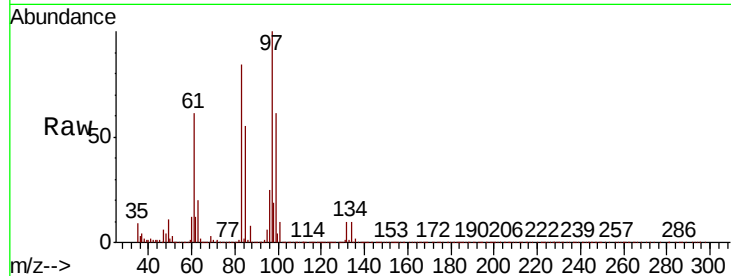




#55
 1,1,2-Trichloroethane
 Concen: 19.662 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

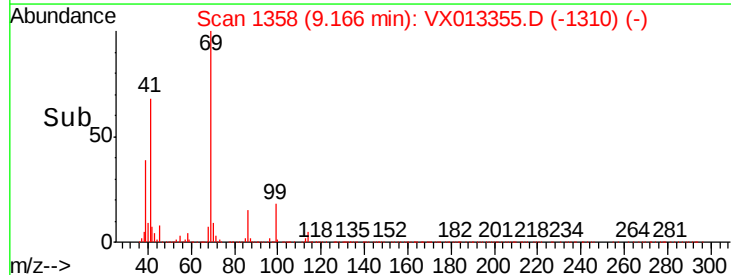
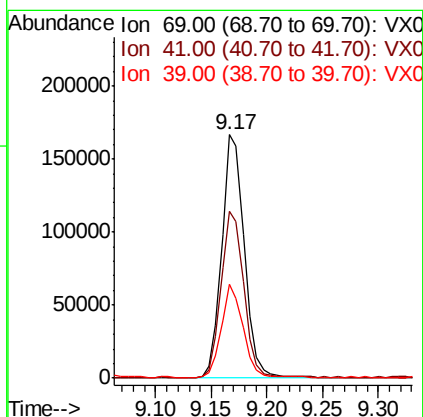
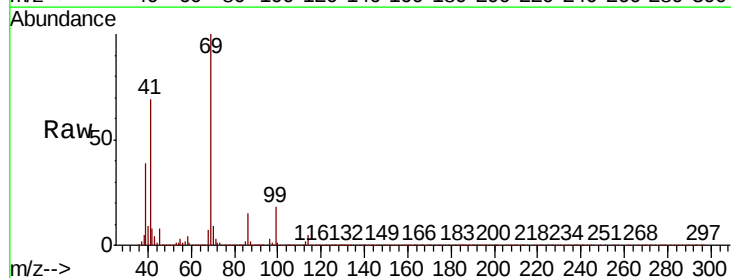
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

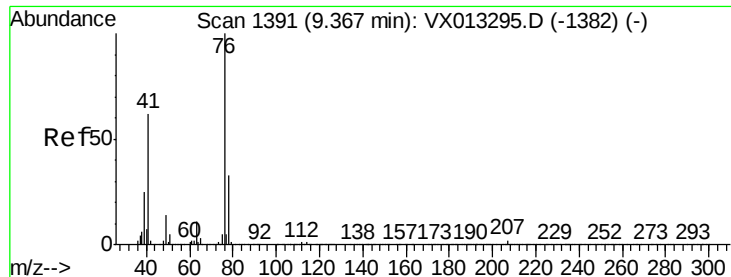
Tot Ion:	97	Resp:	150391
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.6	103.0
85	54.9	43.1	64.7
99	60.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.955 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion:	69	Resp:	234437
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.2	84.2
39	35.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 19.765 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

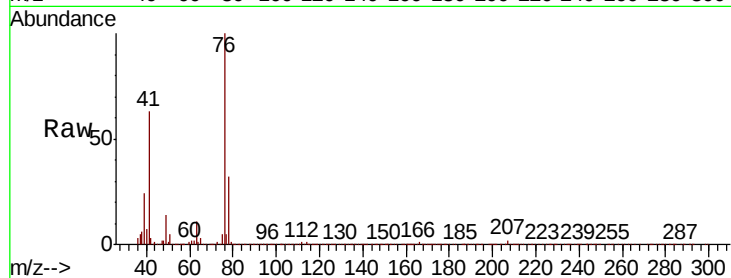
VX1108WBSD01

Tot Ion: 76 Resp: 256634

Ion Ratio Lower Upper

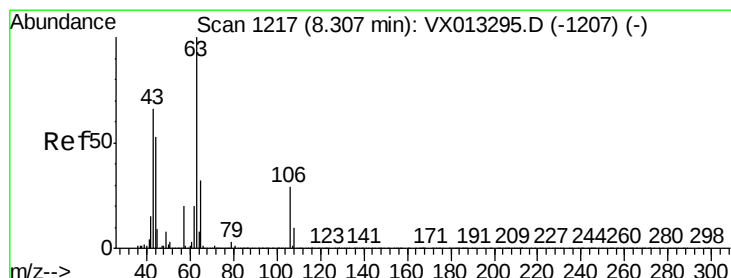
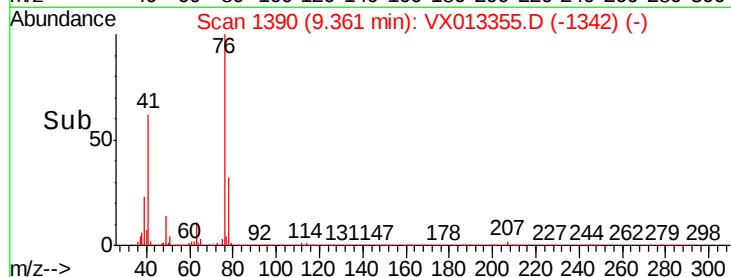
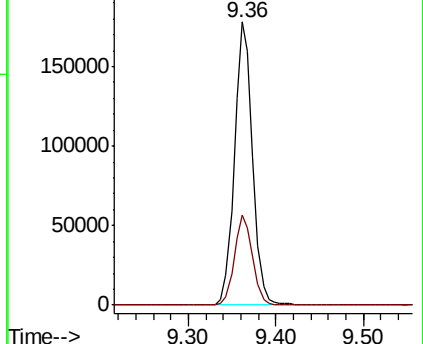
76 100

78 31.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.914 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013355.D

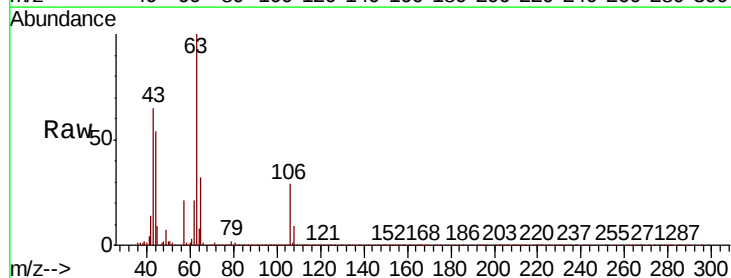
Acq: 08 Nov 2019 11:44

Tgt Ion: 63 Resp: 491156

Ion Ratio Lower Upper

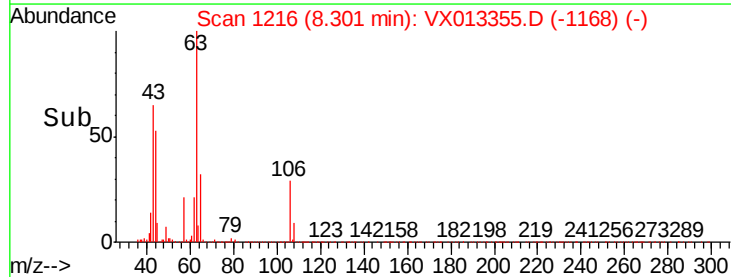
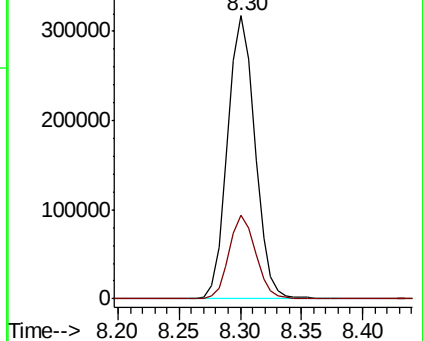
63 100

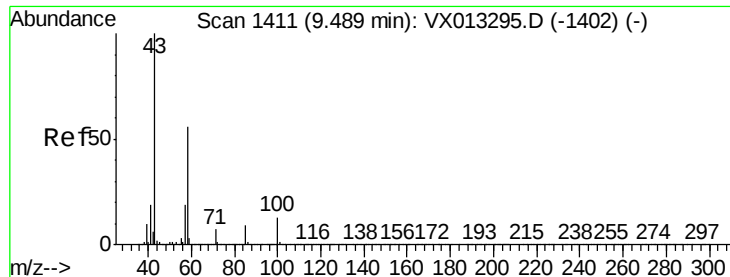
106 28.7 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

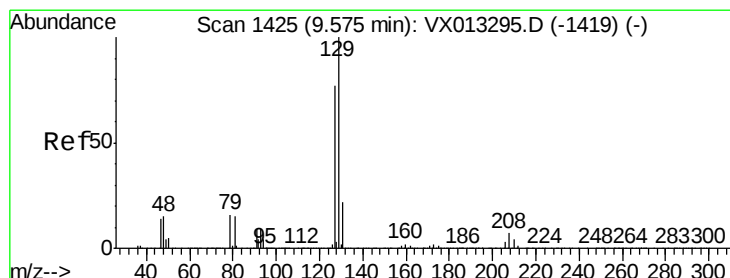
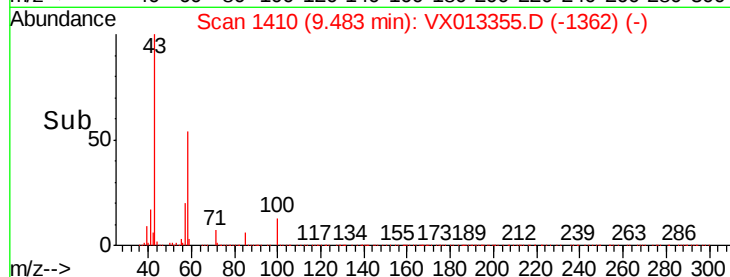
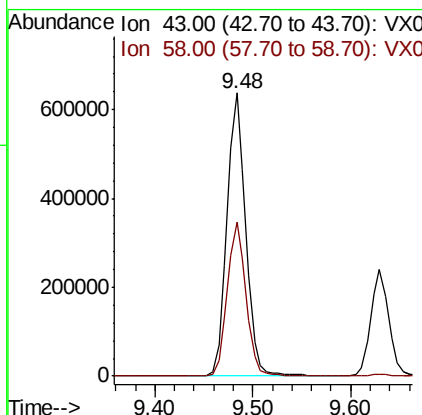
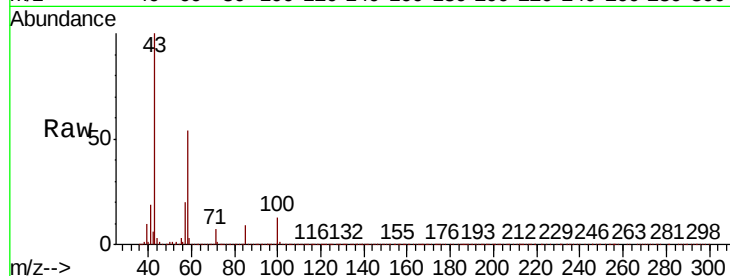




#59
2-Hexanone
Concen: 90.597 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

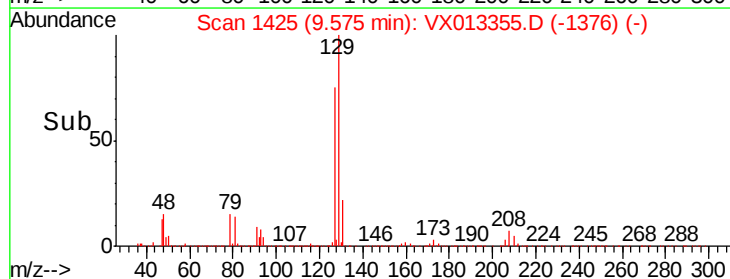
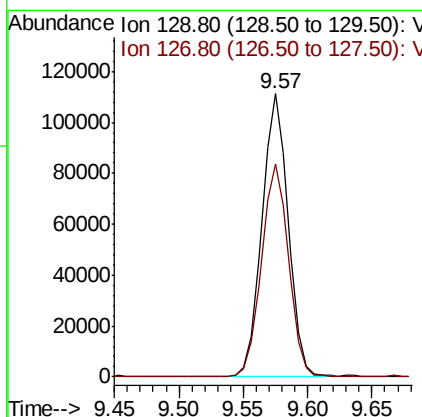
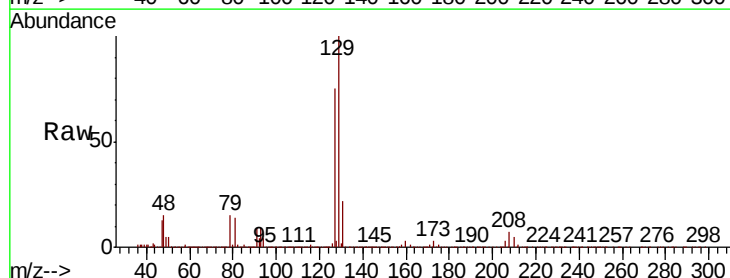
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

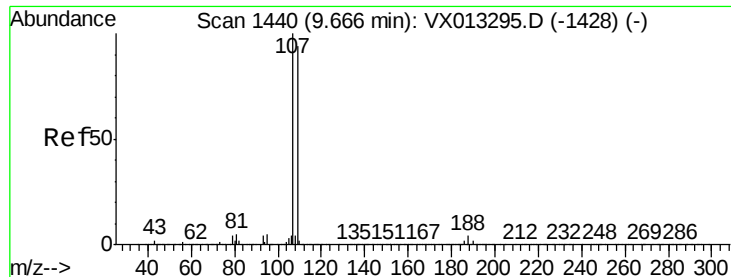
Tot Ion: 43 Resp: 844787
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 19.968 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion: 129 Resp: 156201
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.487 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

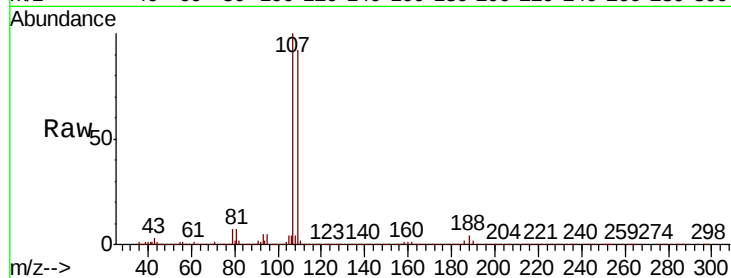
VX1108WBSD01

Tot Ion: 107 Resp: 158272

Ion Ratio Lower Upper

107 100

109 93.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

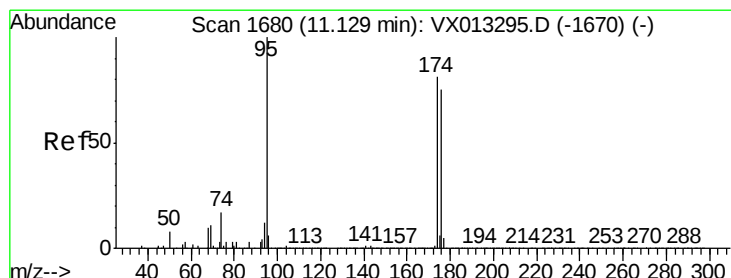
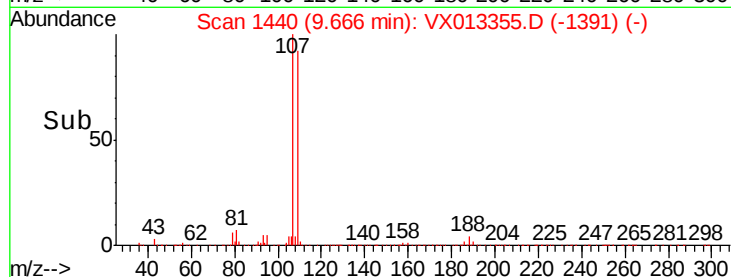
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.755 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

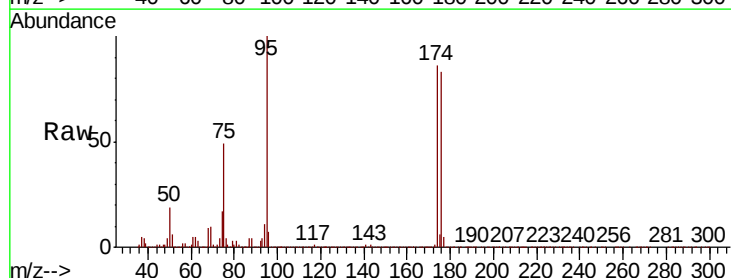
Tgt Ion: 95 Resp: 473073

Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.8

176 87.1 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

500000

400000

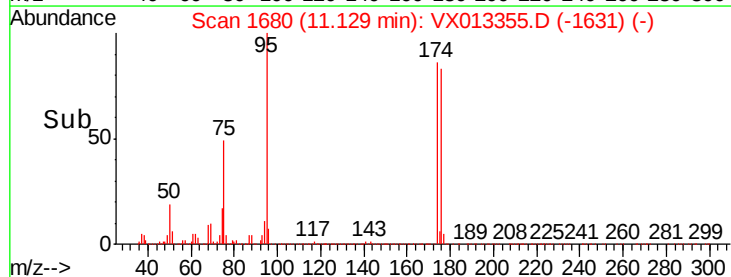
300000

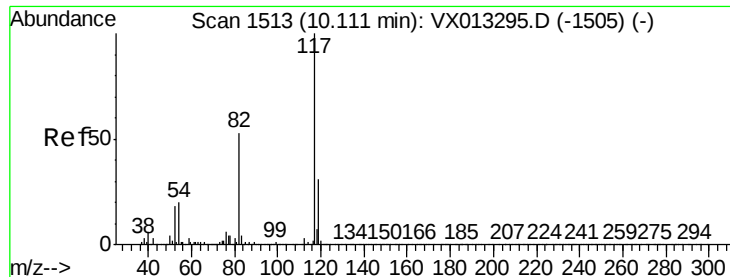
200000

100000

0

Time-->

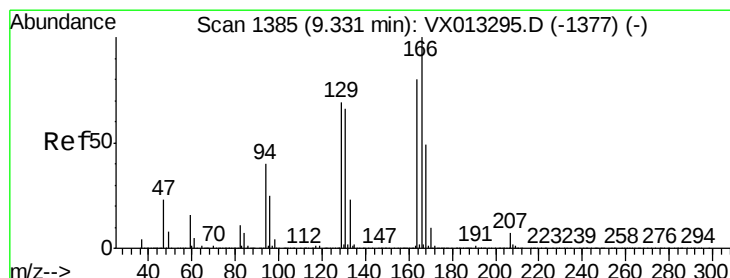
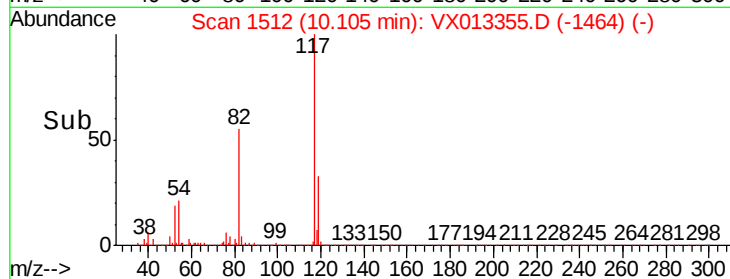
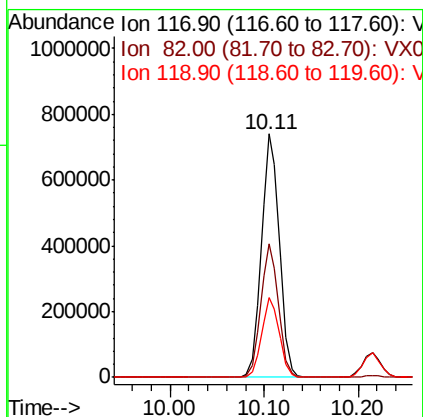
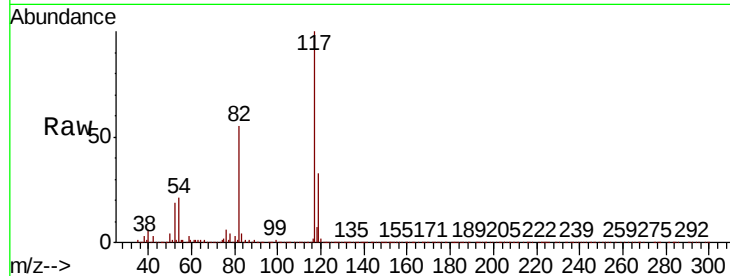




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

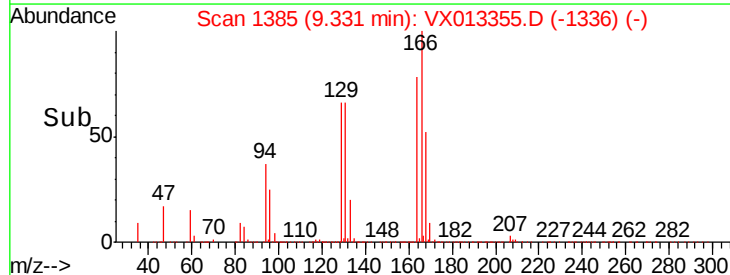
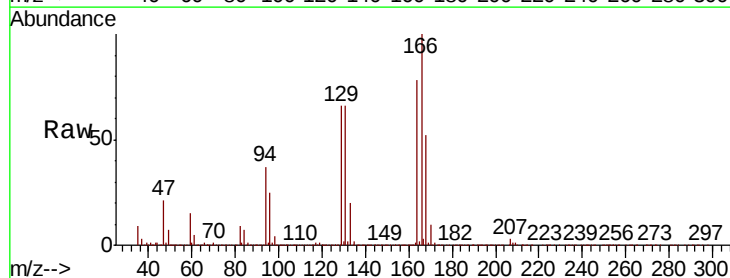
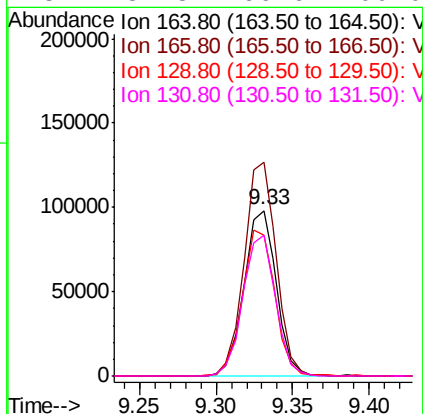
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

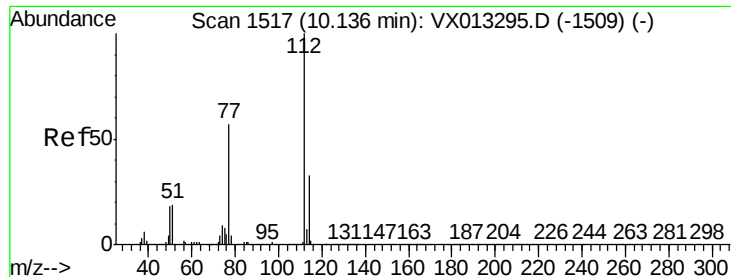
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.6	64.0
119	32.7	24.8	37.2



#64
Tetrachloroethene
Concen: 20.117 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	100.4	150.6
129	85.1	69.4	104.2
131	84.8	66.6	100.0

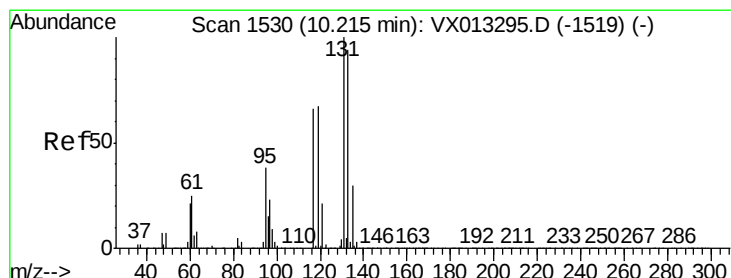
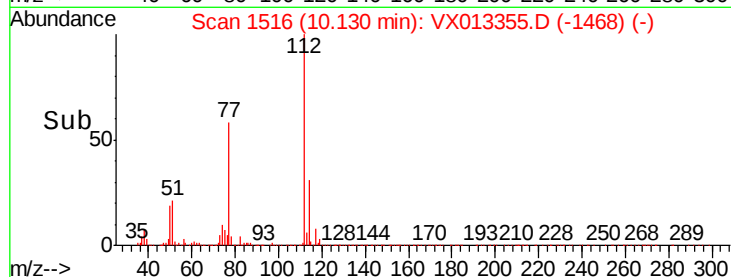
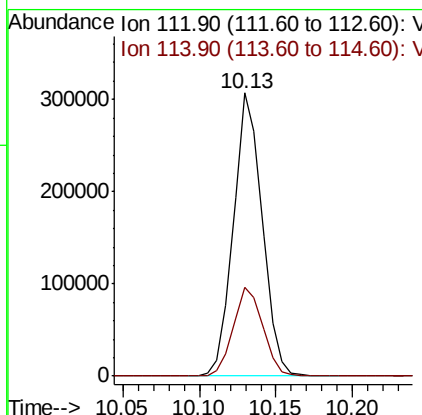
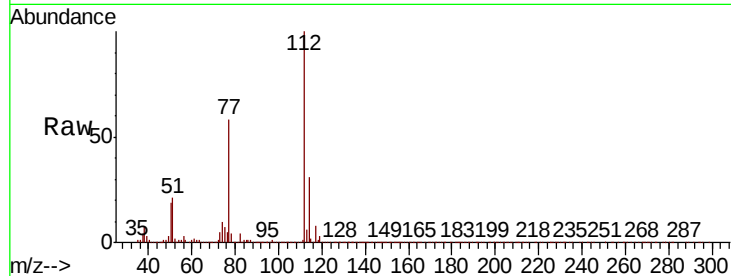




#65
Chlorobenzene
Concen: 19.839 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

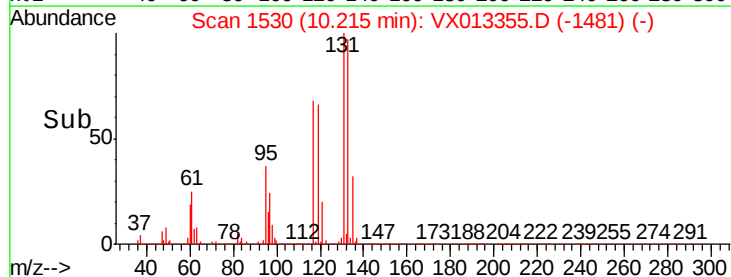
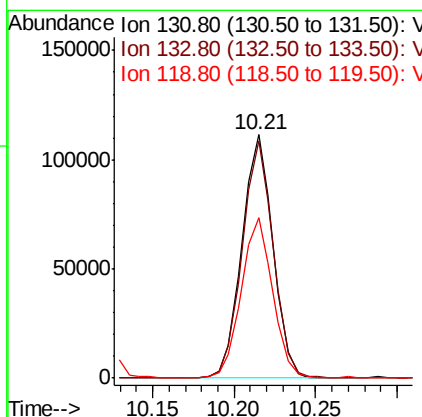
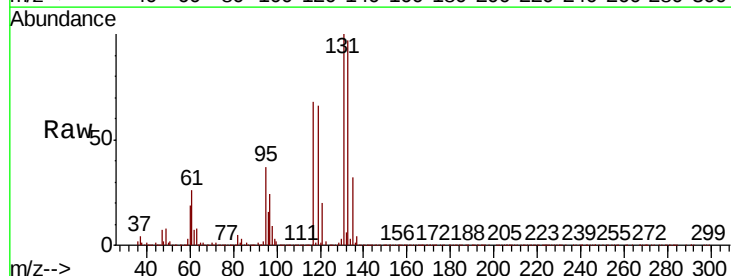
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

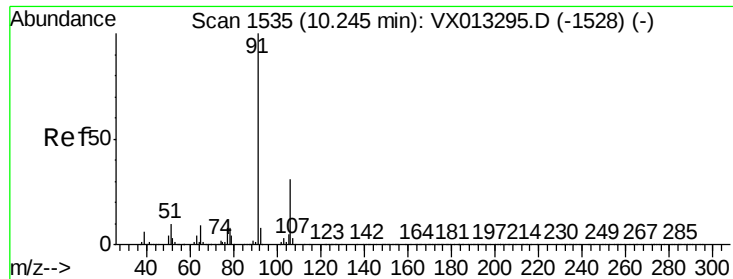
Tot Ion:112 Resp: 400027
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.005 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion:131 Resp: 148105
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.0
119 66.1 33.0 99.0

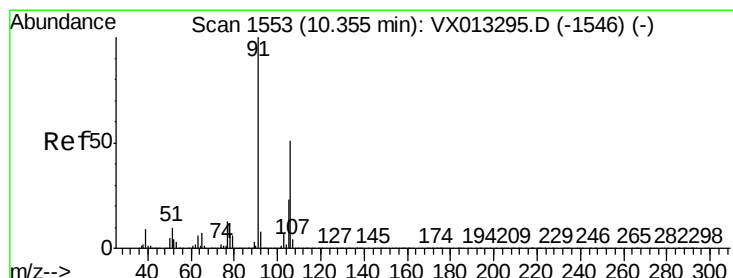
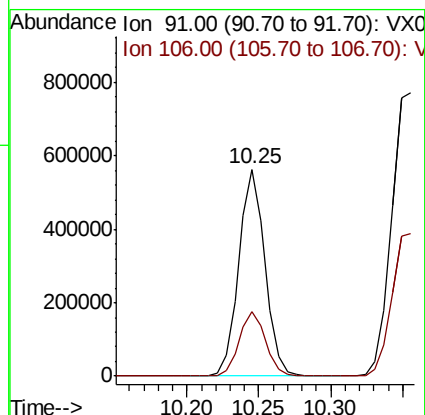
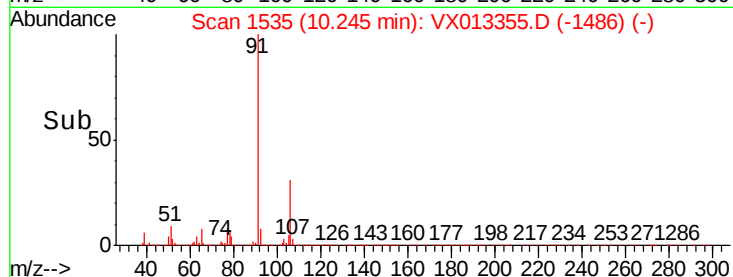
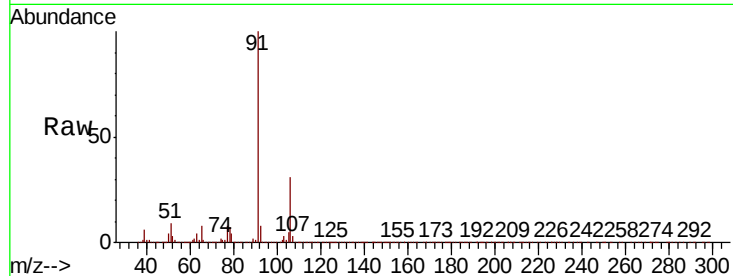




#67
Ethyl Benzene
Concen: 20.475 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

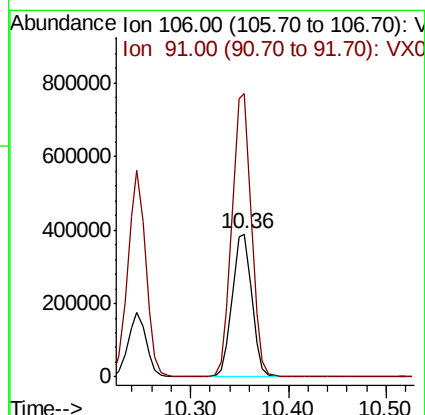
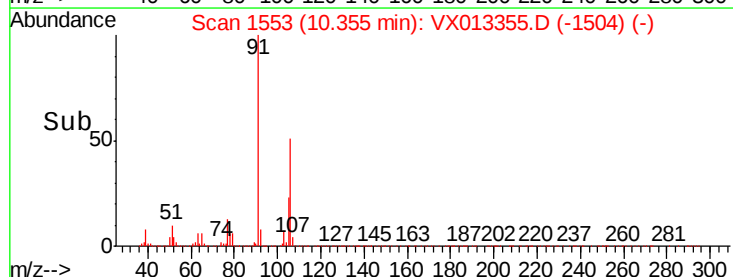
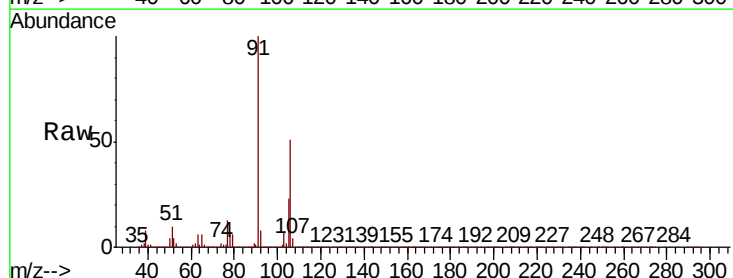
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tot Ion: 91 Resp: 712523
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 41.140 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion: 106 Resp: 541437
Ion Ratio Lower Upper
106 100
91 196.7 159.3 238.9

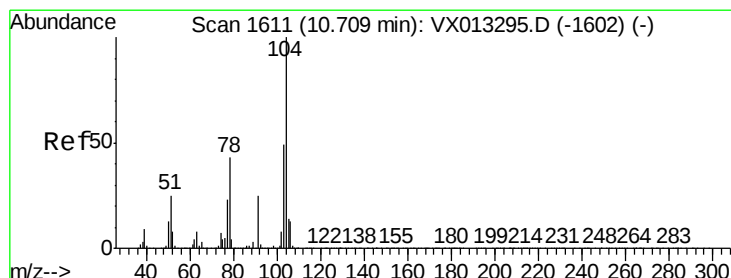
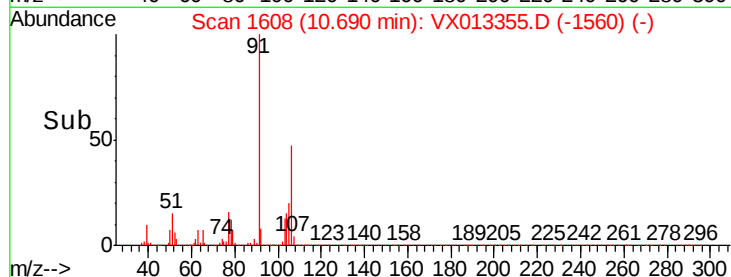
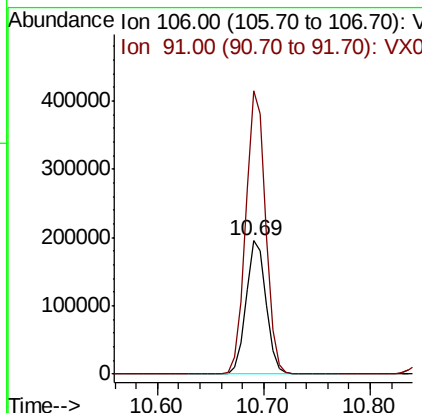
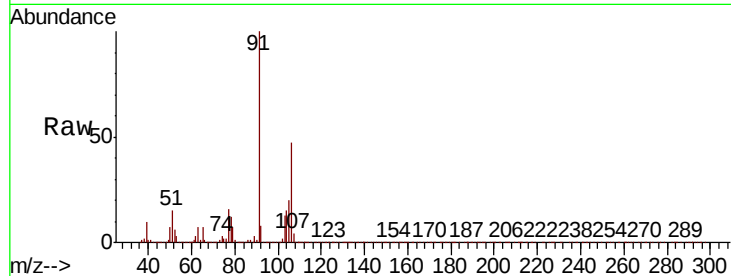




#69
o-Xylene
Concen: 20.068 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

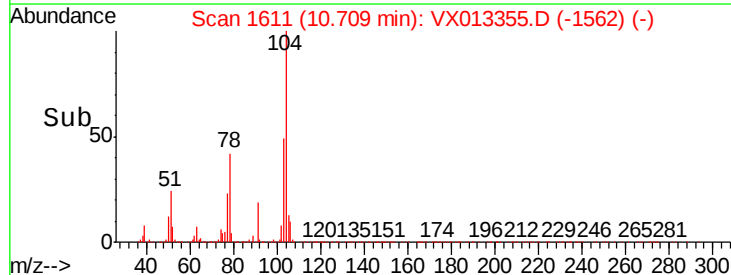
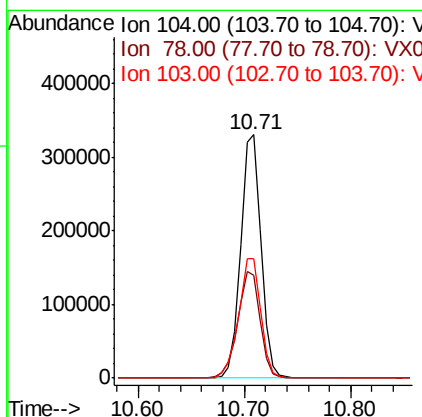
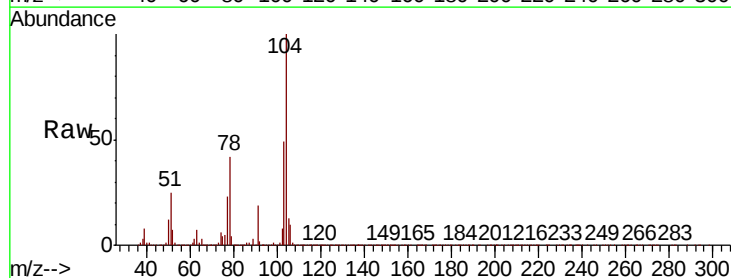
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

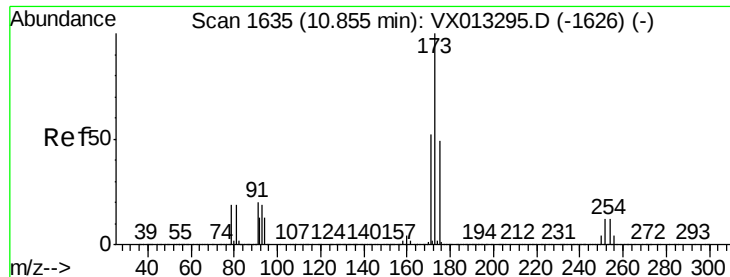
Tot Ion:106 Resp: 258574
Ion Ratio Lower Upper
106 100
91 209.9 105.7 317.0



#70
Styrene
Concen: 20.576 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013355.D
Acq: 08 Nov 2019 11:44

Tgt Ion:104 Resp: 443173
Ion Ratio Lower Upper
104 100
78 48.3 40.0 60.0
103 54.1 44.1 66.1





#71

Bromoform

Concen: 19.439 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

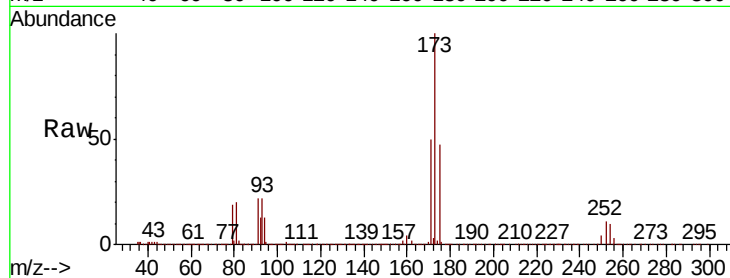
Tot Ion:173 Resp: 119083

Ion Ratio Lower Upper

173 100

175 48.3 24.8 74.4

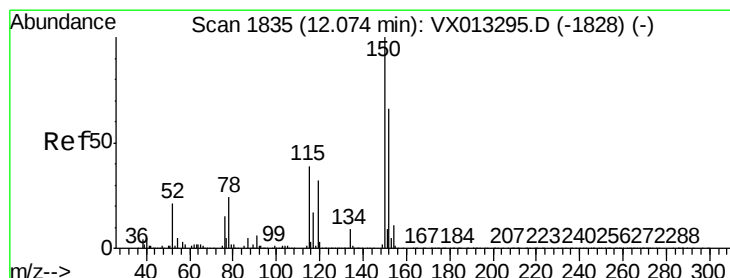
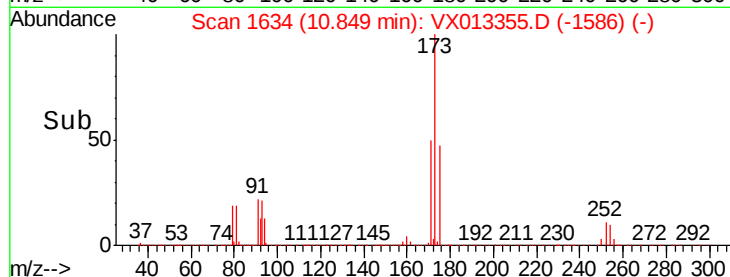
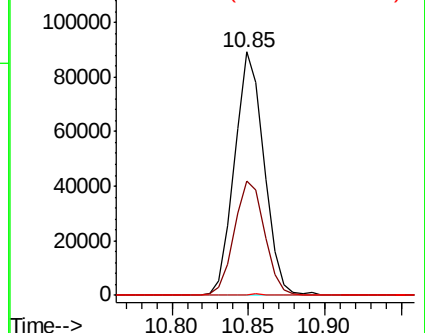
254 0.3 0.2 0.2#



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: VX013355.D

Acq: 08 Nov 2019 11:44

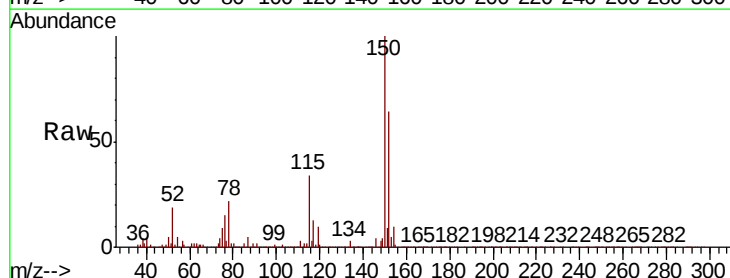
Tgt Ion:152 Resp: 500762

Ion Ratio Lower Upper

152 100

115 63.3 39.5 118.3

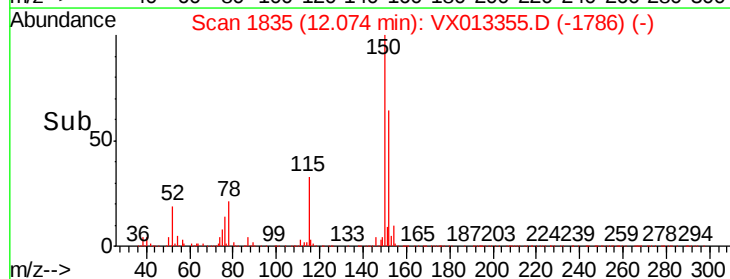
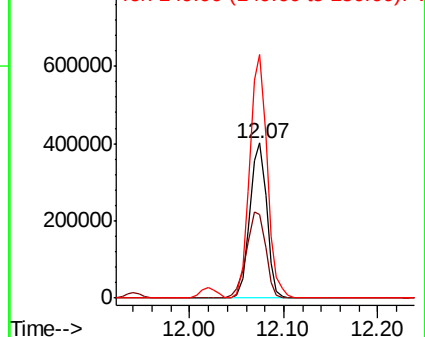
150 162.5 0.0 344.4

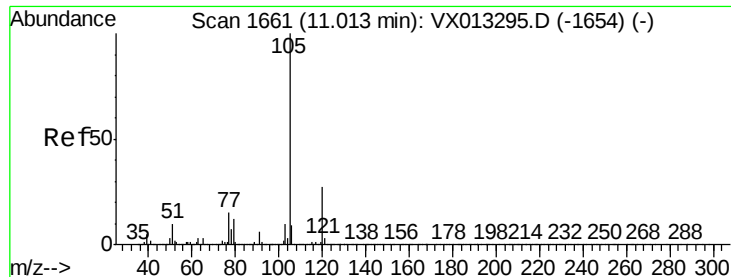


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.088 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

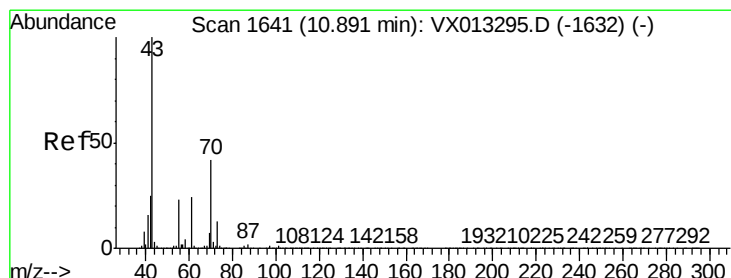
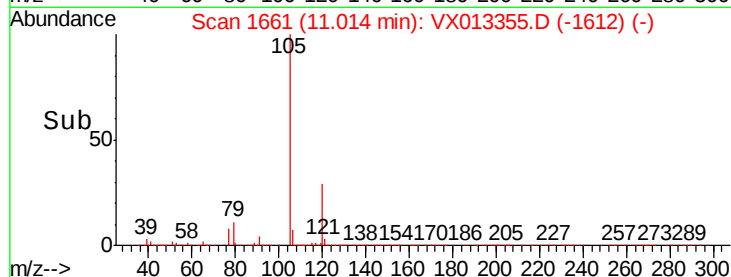
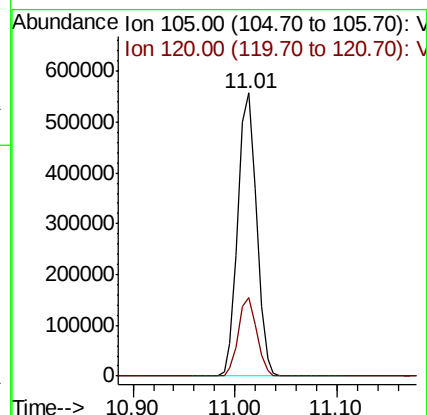
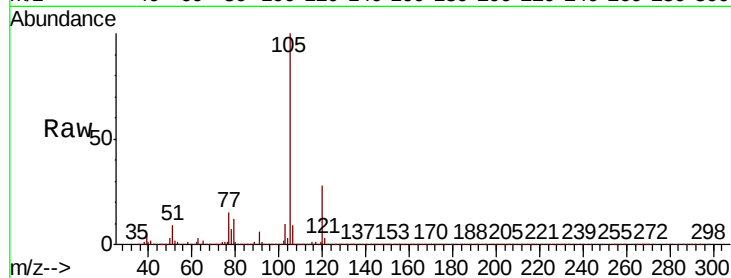
VX1108WBSD01

Tot Ion:105 Resp: 700155

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 19.627 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Tgt Ion: 43 Resp: 302181

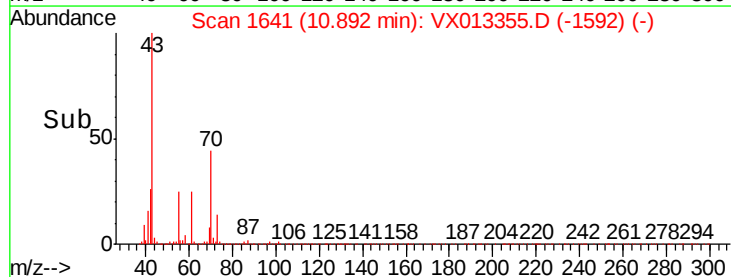
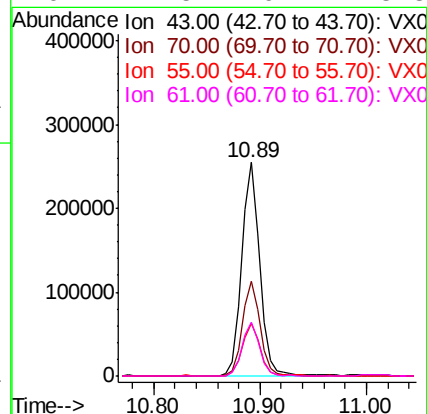
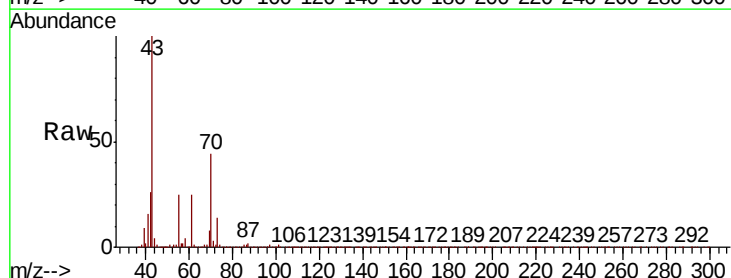
Ion Ratio Lower Upper

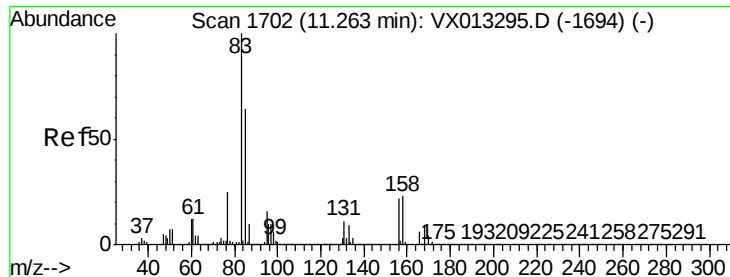
43 100

70 44.1 34.1 51.1

55 24.5 18.9 28.3

61 24.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.175 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

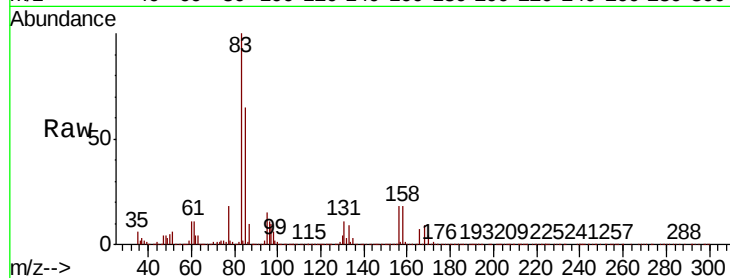
Tot Ion: 83 Resp: 232253

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

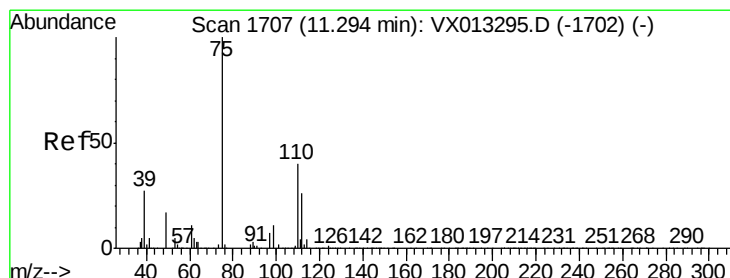
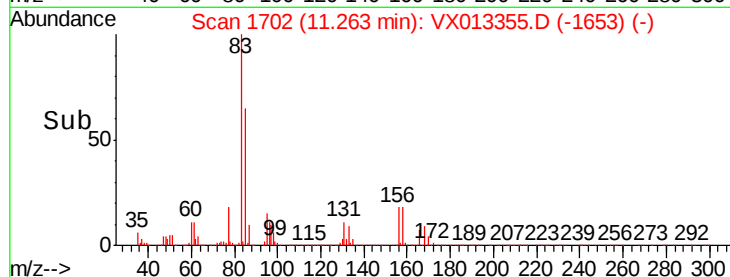
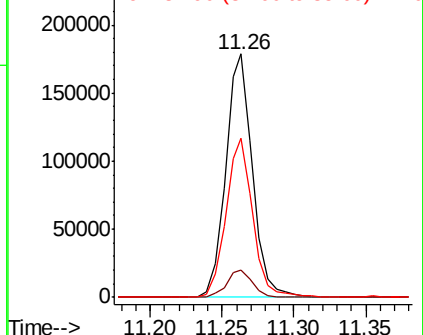
85 65.2 32.3 96.8



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: 25.197 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013355.D

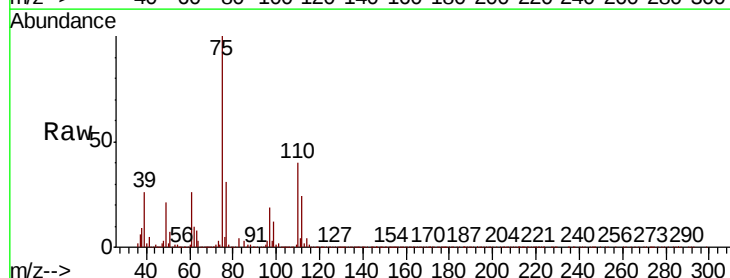
Acq: 08 Nov 2019 11:44

Tgt Ion: 75 Resp: 256281

Ion Ratio Lower Upper

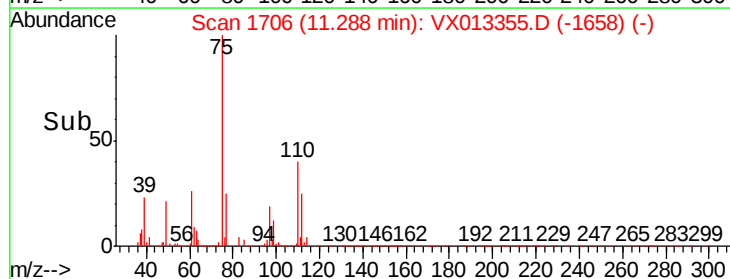
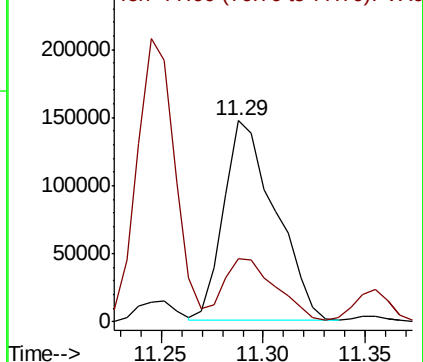
75 100

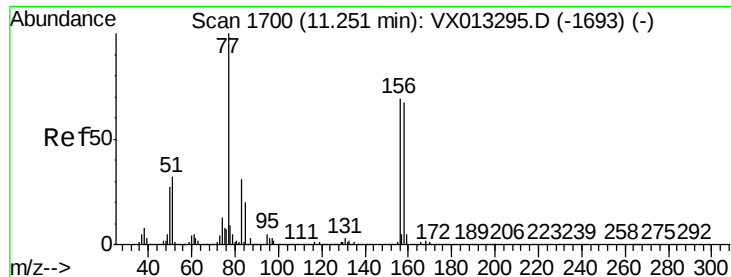
77 32.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.394 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

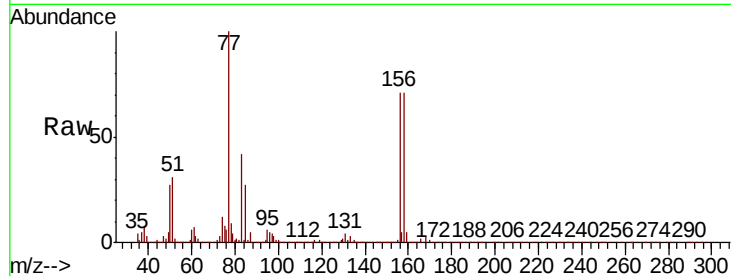
Tot Ion:156 Resp: 180512

Ion Ratio Lower Upper

156 100

77 147.5 75.8 227.4

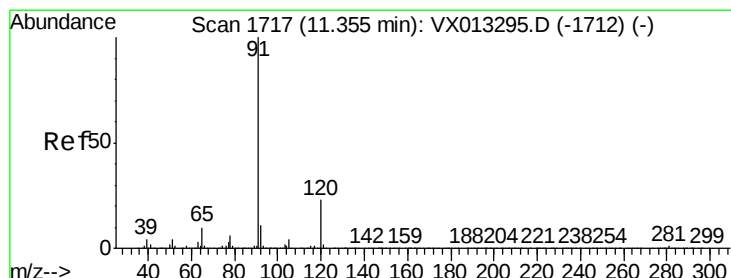
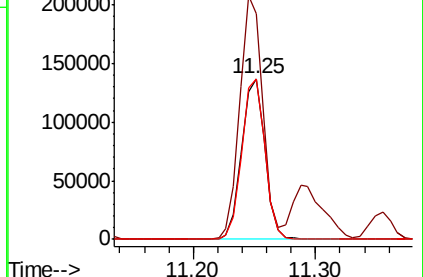
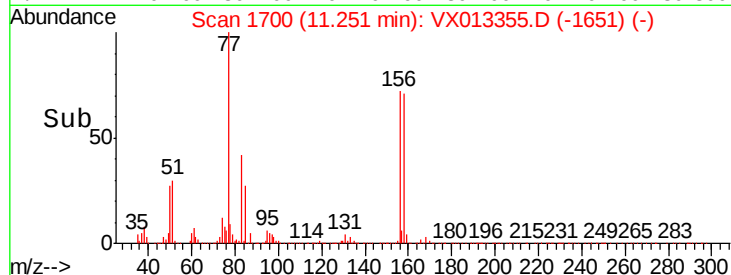
158 99.3 47.6 142.8



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: 21.477 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013355.D

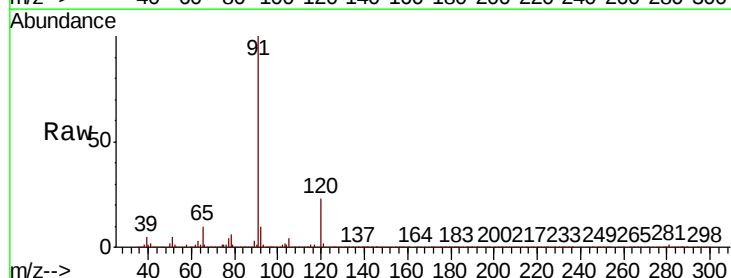
Acq: 08 Nov 2019 11:44

Tgt Ion: 91 Resp: 794295

Ion Ratio Lower Upper

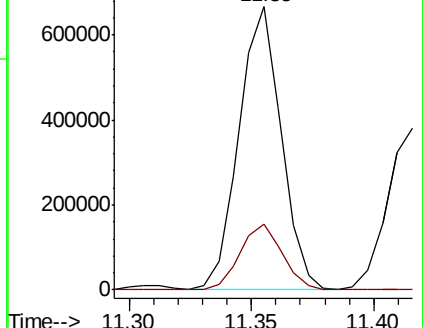
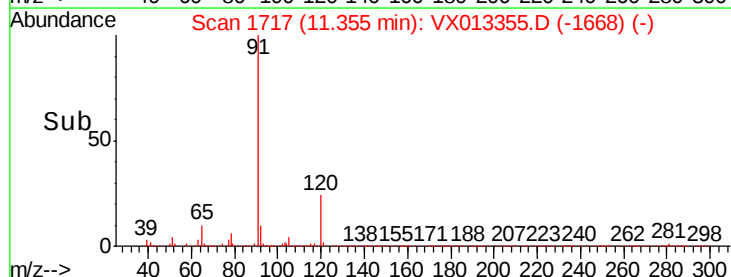
91 100

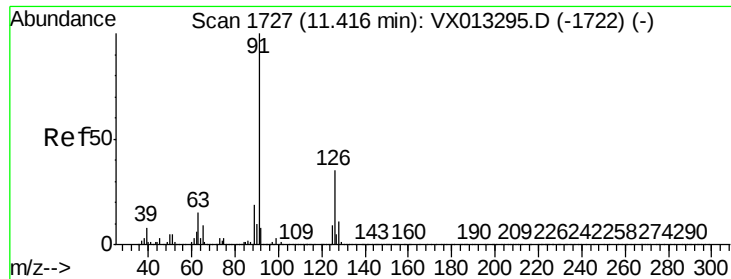
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

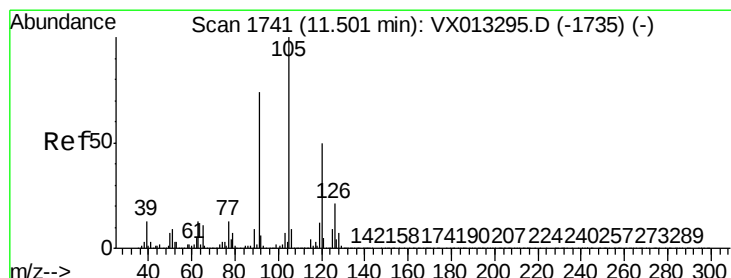
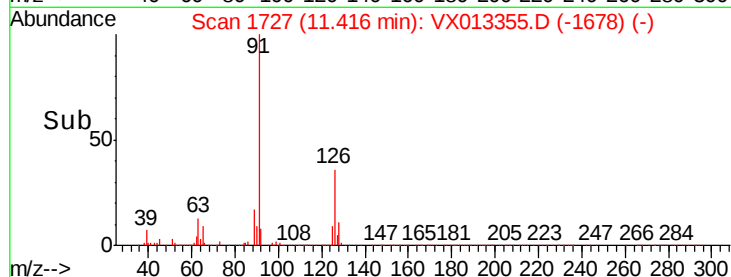
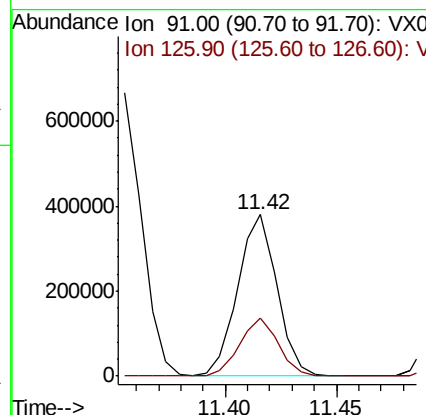
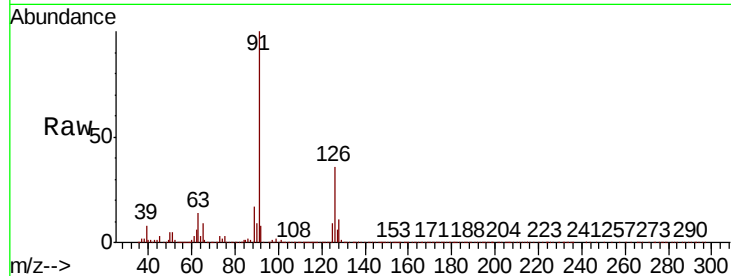




#79
 2-Chlorotoluene
 Concen: 20.785 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

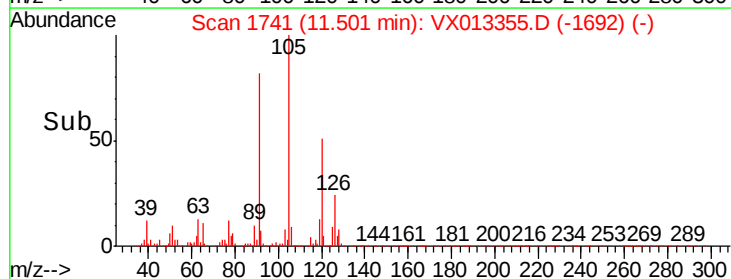
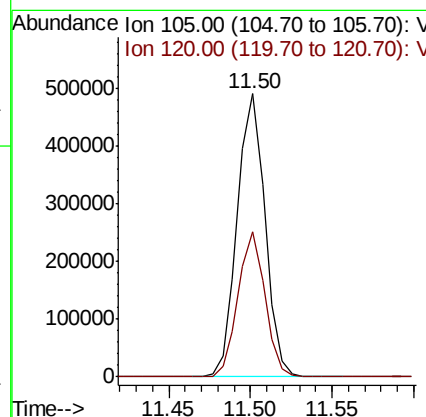
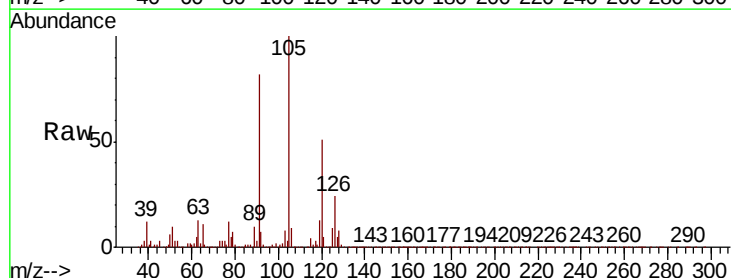
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

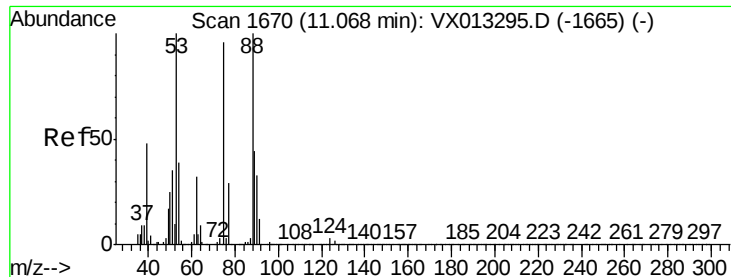
Tot Ion: 91 Resp: 463157
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.043 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion: 105 Resp: 581932
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.792 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

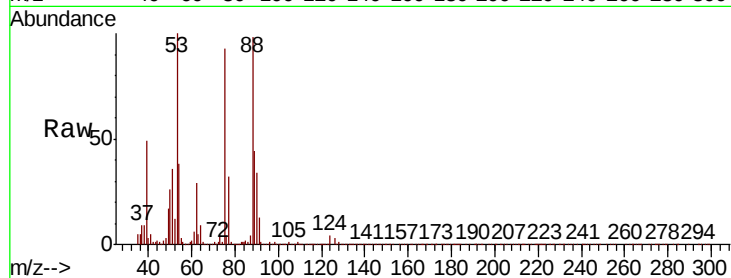
Tot Ion: 75 Resp: 74258

Ion Ratio Lower Upper

75 100

53 101.7 81.0 121.6

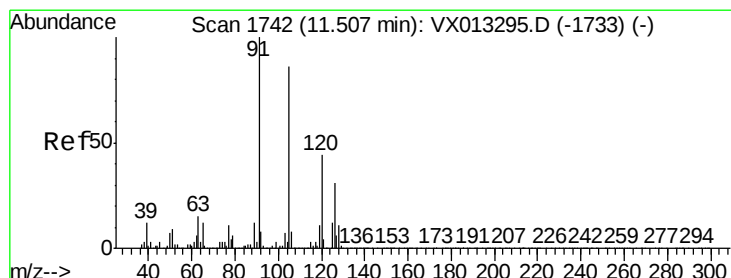
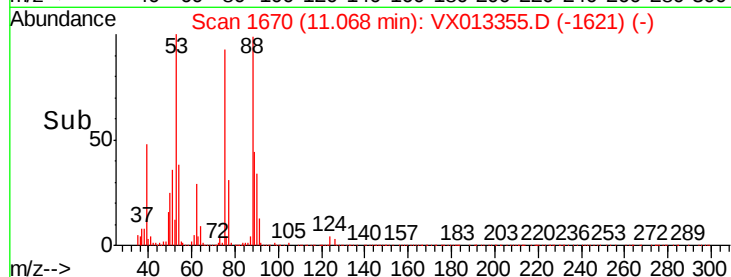
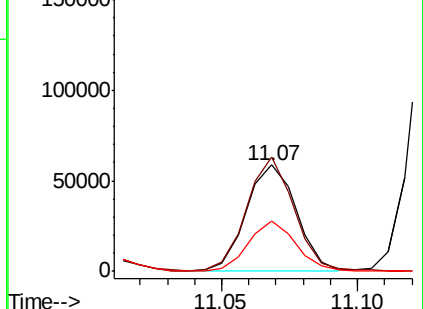
89 45.4 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.458 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013355.D

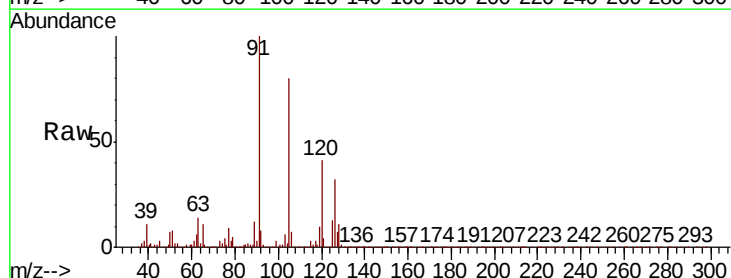
Acq: 08 Nov 2019 11:44

Tgt Ion: 91 Resp: 533638

Ion Ratio Lower Upper

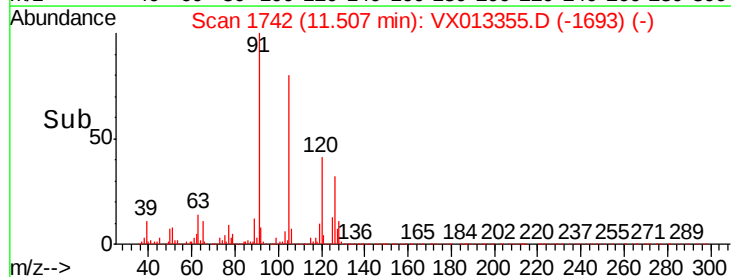
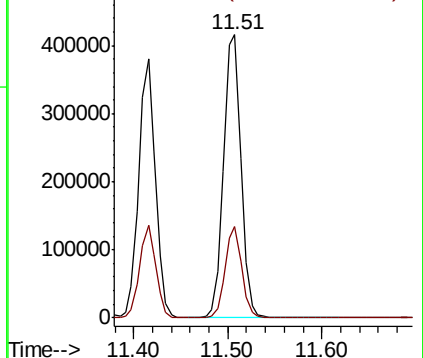
91 100

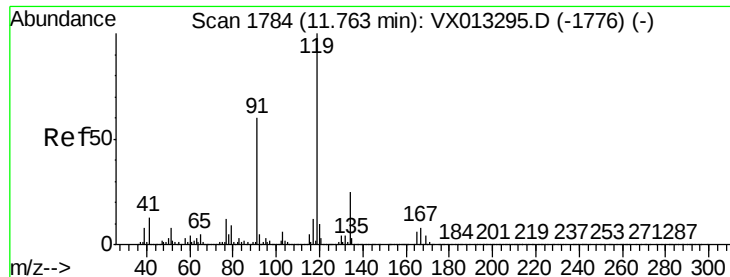
126 30.6 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.896 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

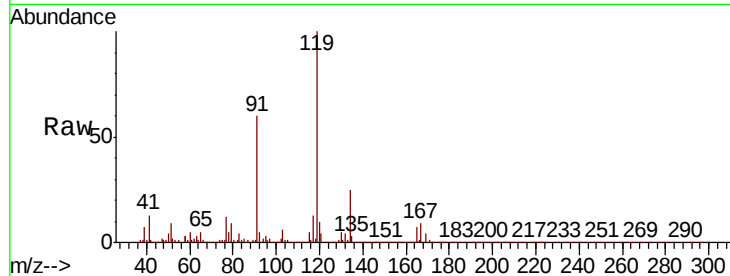
Tot Ion:119 Resp: 581718

Ion Ratio Lower Upper

119 100

91 55.6 26.9 80.7

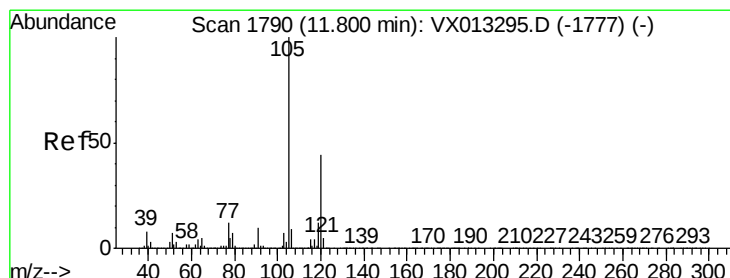
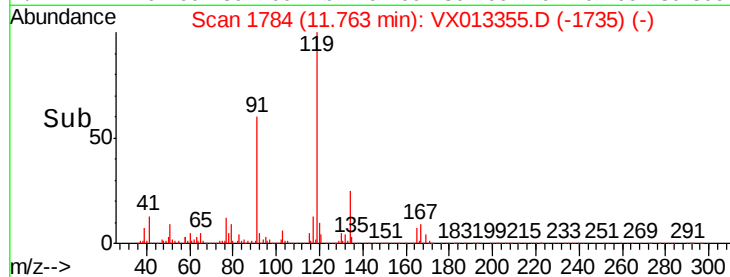
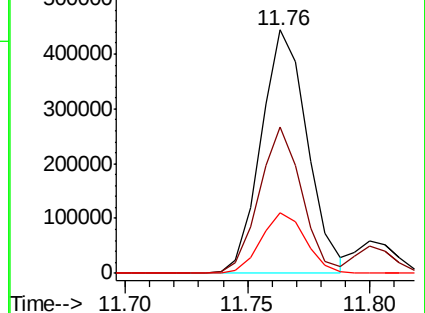
134 24.1 11.7 35.1



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: 21.116 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013355.D

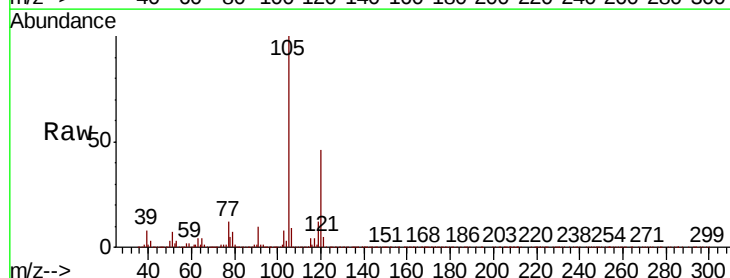
Acq: 08 Nov 2019 11:44

Tgt Ion:105 Resp: 585807

Ion Ratio Lower Upper

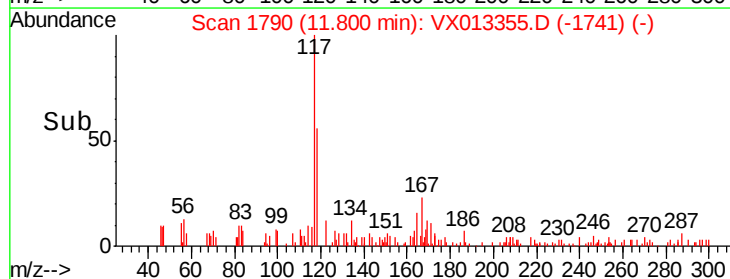
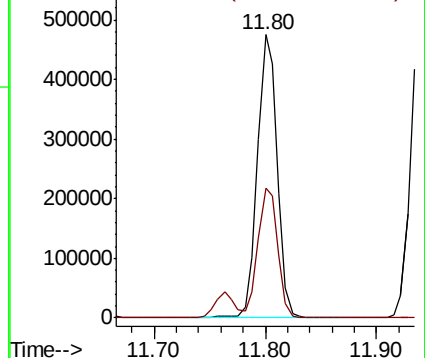
105 100

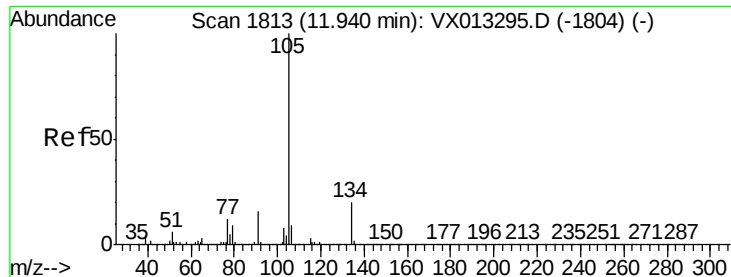
120 45.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

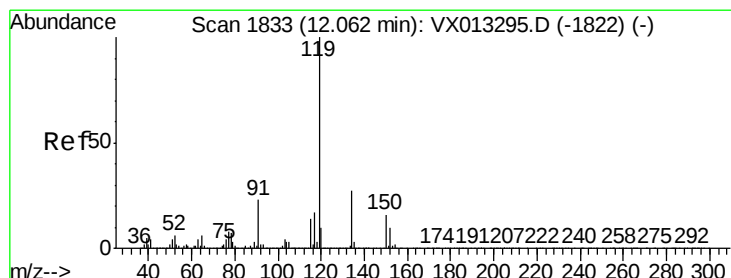
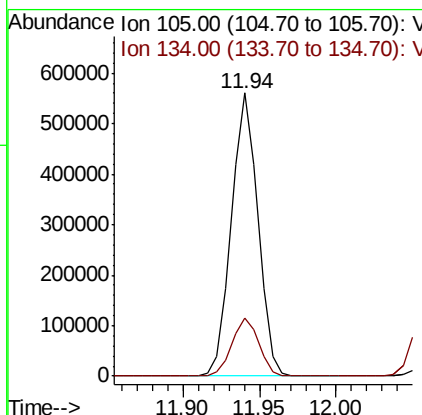
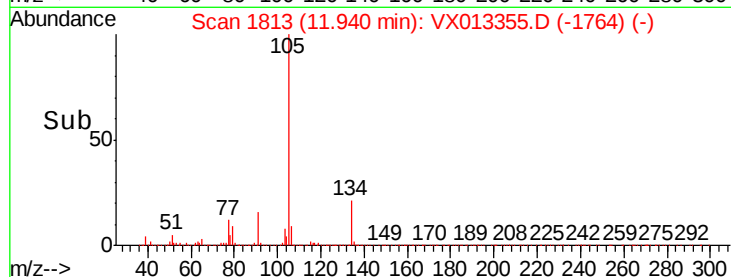
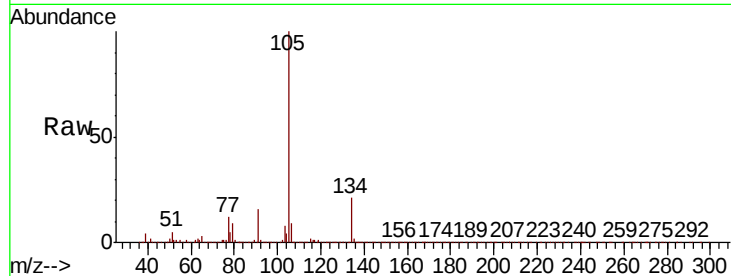




#85
 sec-Butylbenzene
 Concen: 20.965 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

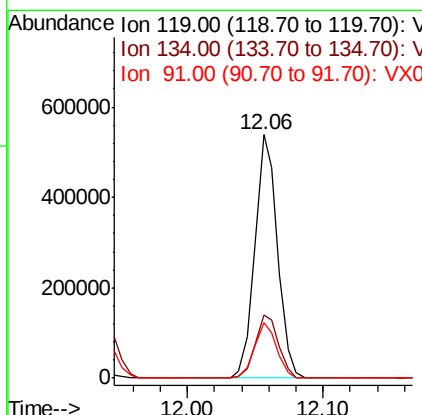
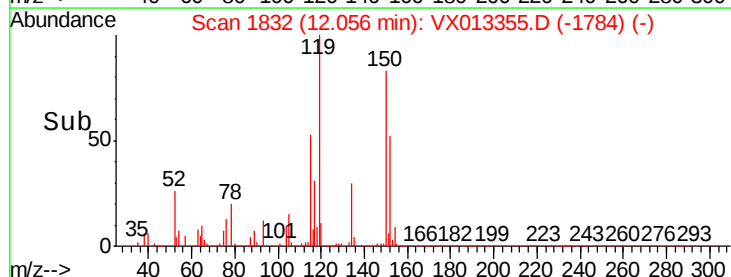
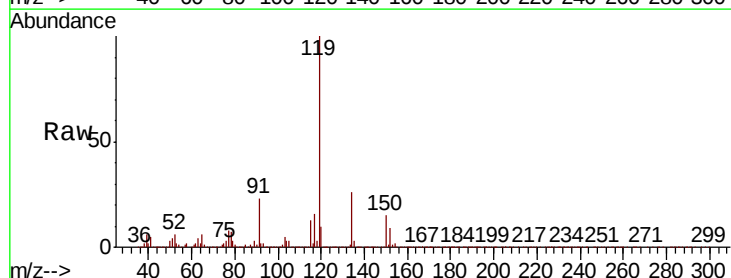
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

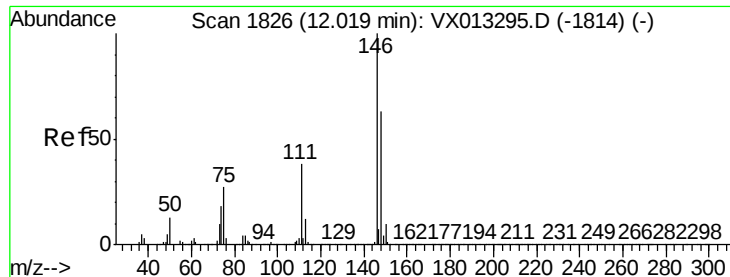
Tot Ion:105 Resp: 670764
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 21.400 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion:119 Resp: 630473
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.3 11.5 34.4

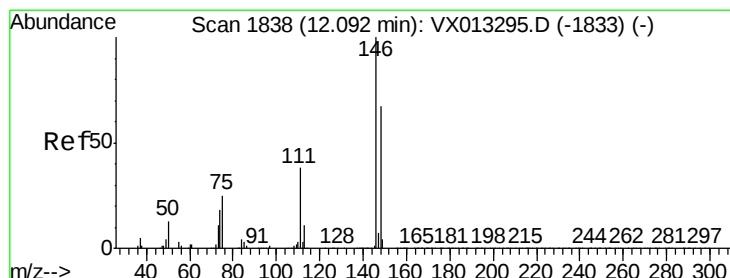
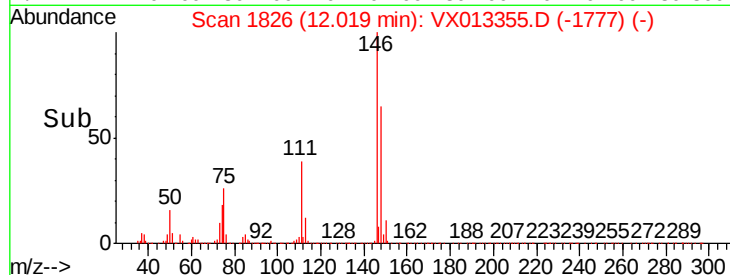
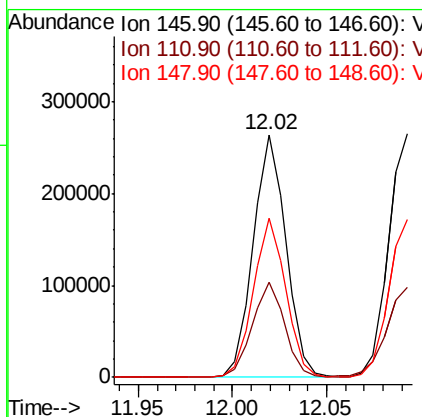
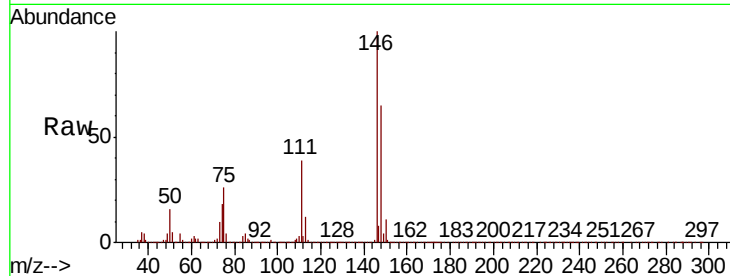




#87
 1,3-Dichlorobenzene
 Concen: 20.159 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

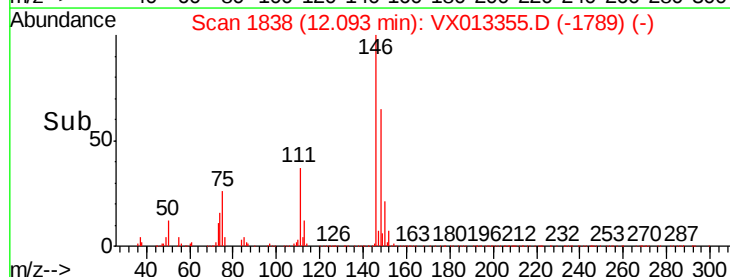
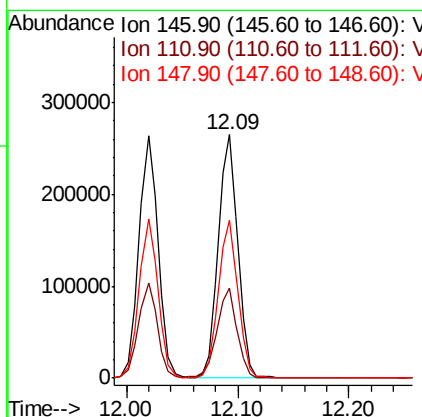
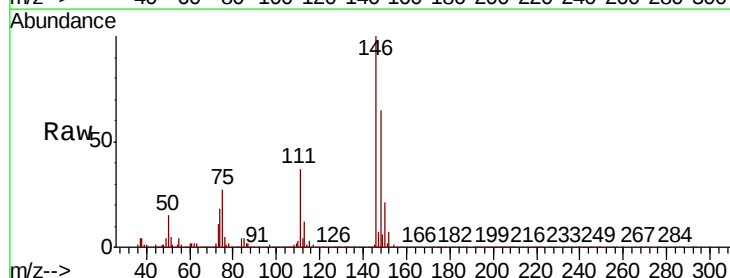
Instrument :
 MSVOA_X
 ClientSampled :
 VX1108WBSD01

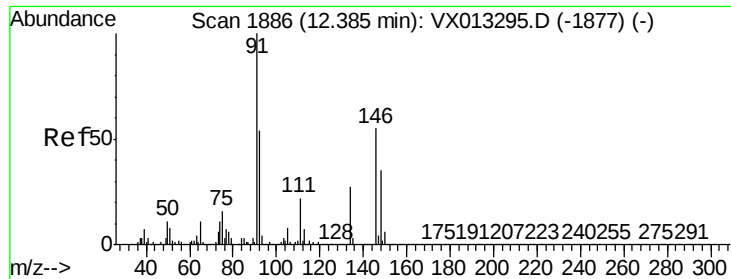
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	64.9	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.984 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 20.605 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

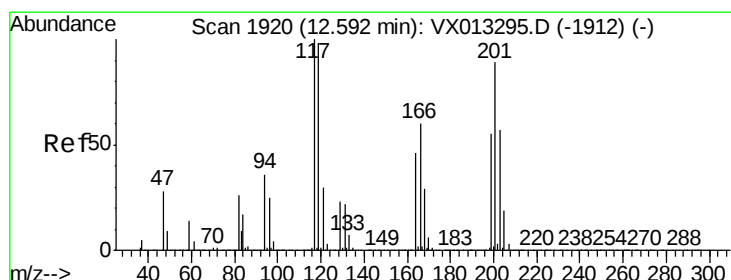
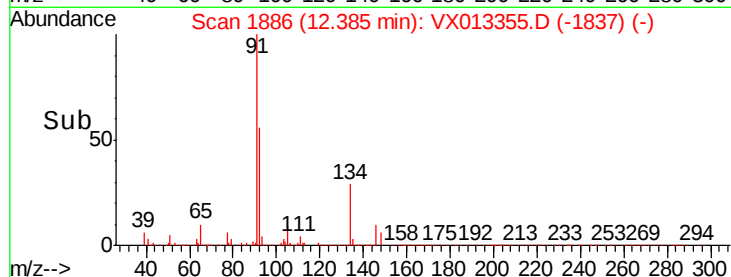
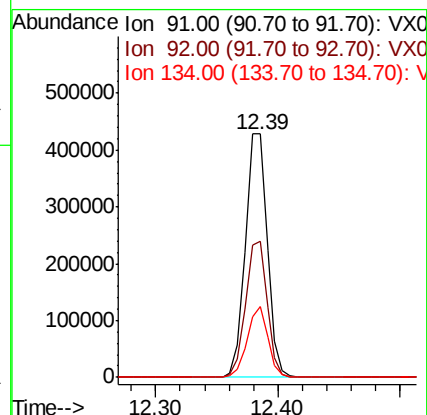
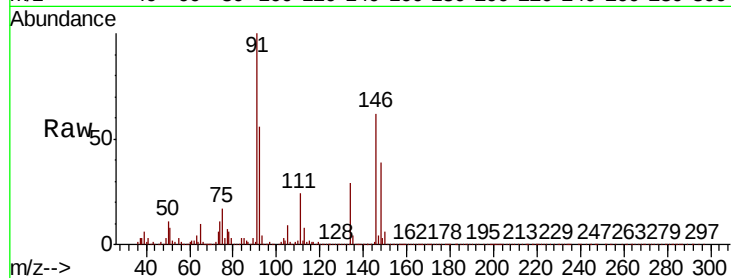
Tot Ion: 91 Resp: 529689

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 20.539 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013355.D

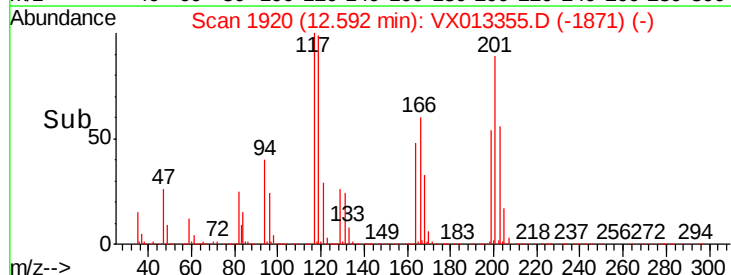
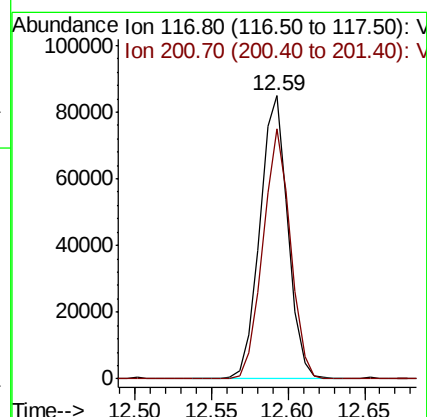
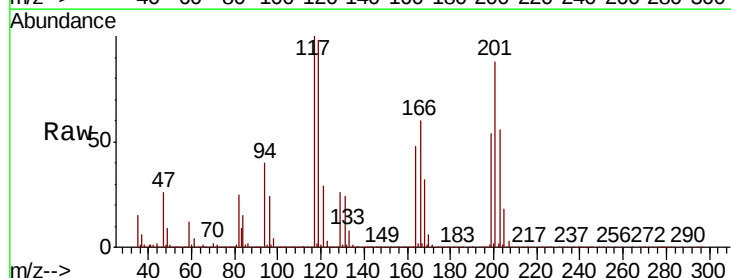
Acq: 08 Nov 2019 11:44

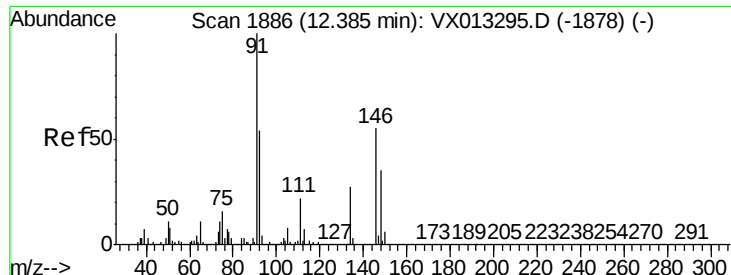
Tgt Ion: 117 Resp: 107811

Ion Ratio Lower Upper

117 100

201 87.4 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 20.616 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

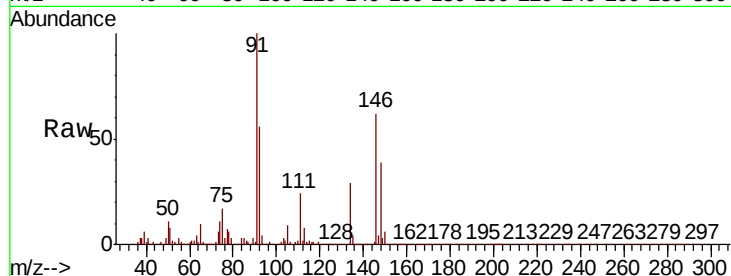
Tot Ion:146 Resp: 325135

Ion Ratio Lower Upper

146 100

111 38.8 20.1 60.2

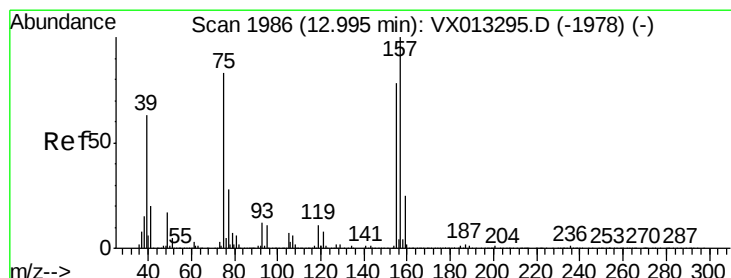
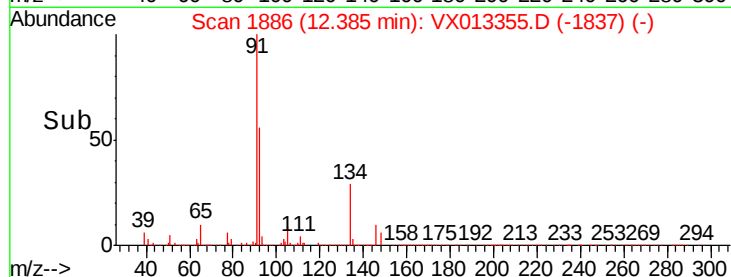
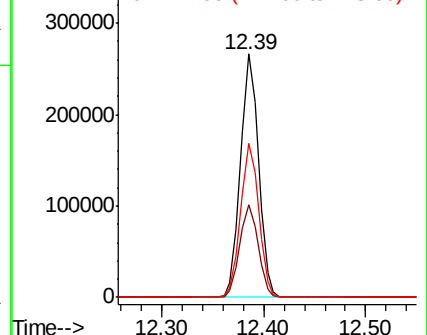
148 63.2 32.0 96.0



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: 16.667 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

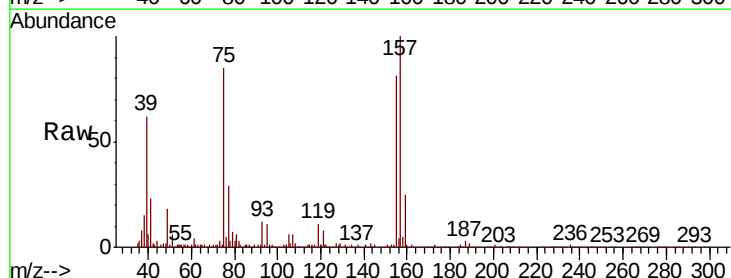
Tgt Ion: 75 Resp: 49182

Ion Ratio Lower Upper

75 100

155 93.3 47.1 141.4

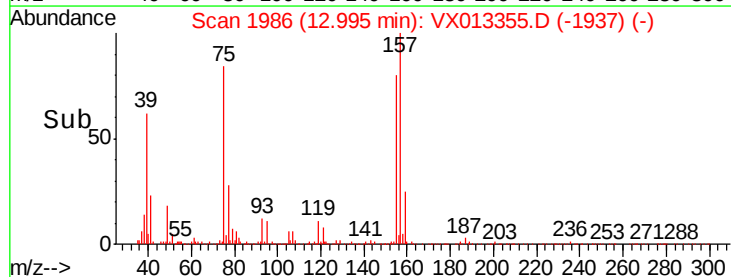
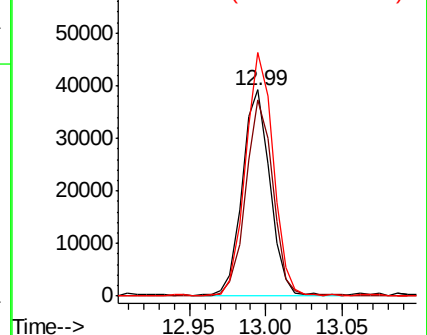
157 117.7 61.3 183.8

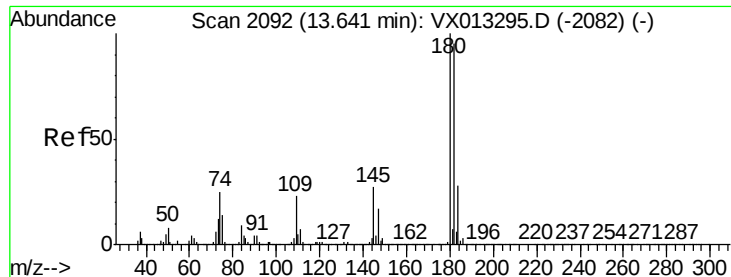


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

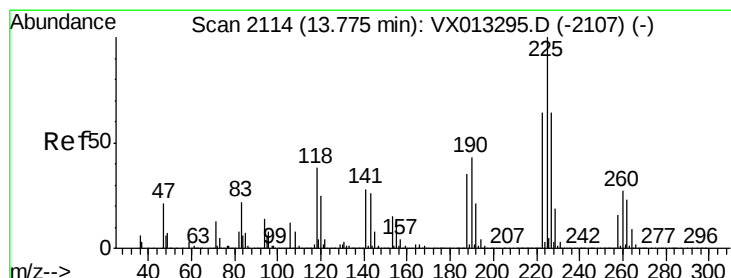
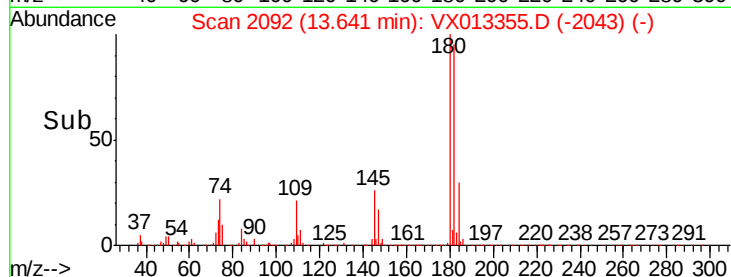
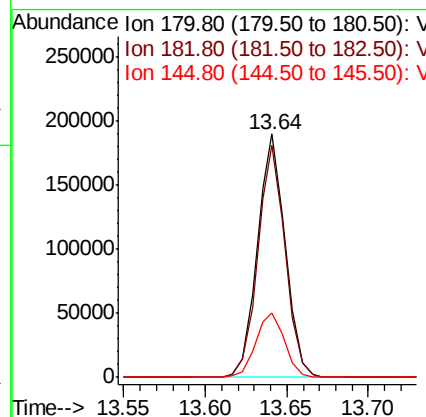
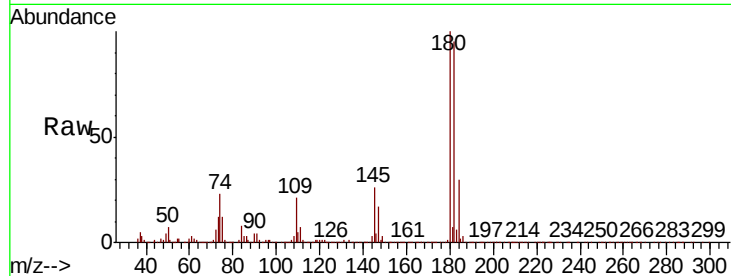




#93
 1,2,4-Trichlorobenzene
 Concen: 20.369 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

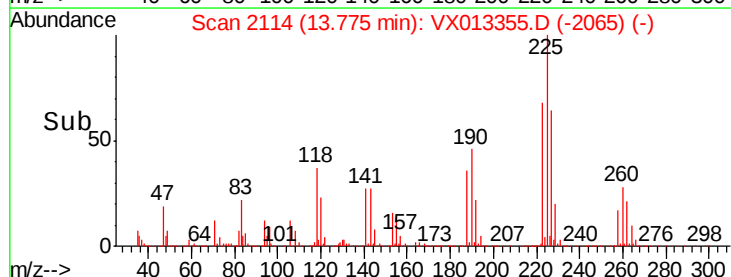
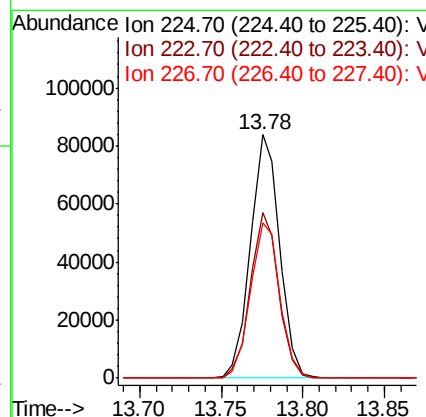
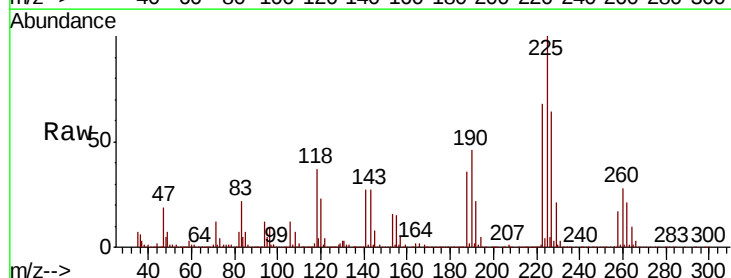
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

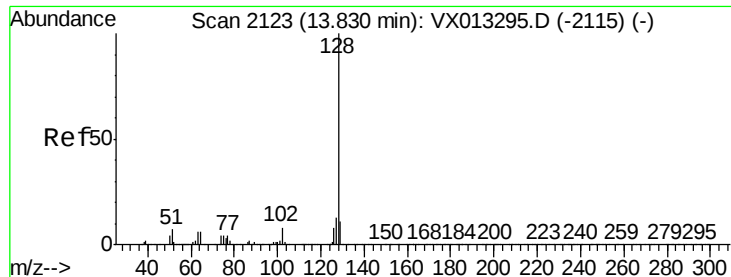
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.0
145	27.7	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 19.353 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013355.D
 Acq: 08 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	31.9	95.7
227	64.9	31.9	95.9





#95

Naphthalene

Concen: 19.165 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

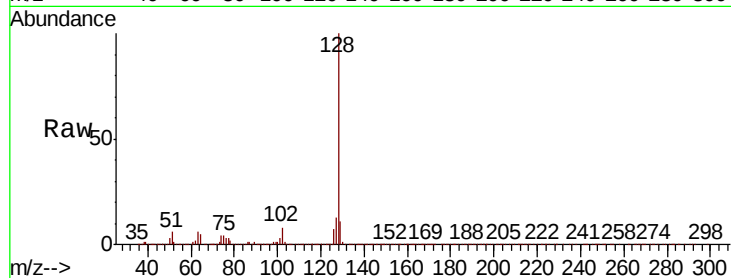
Tot Ion:128 Resp: 661472

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

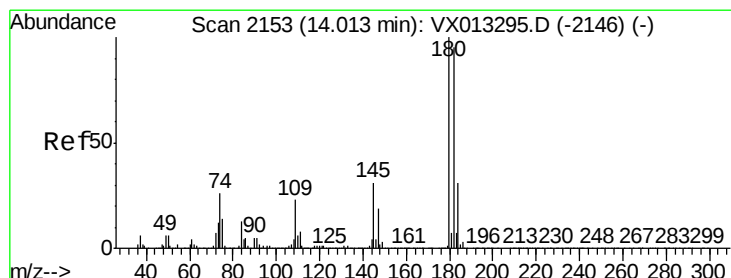
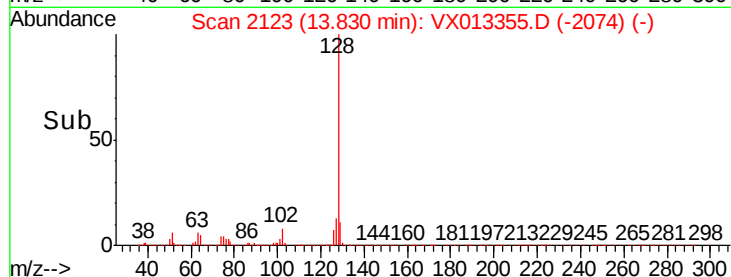
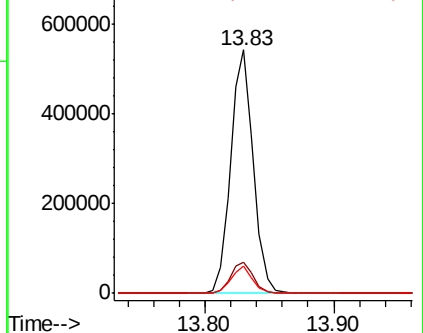
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.876 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013355.D

Acq: 08 Nov 2019 11:44

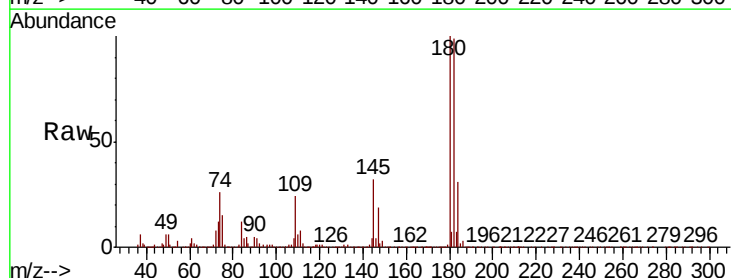
Tgt Ion:180 Resp: 219283

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 30.0 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

