

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
 Data File : VX013495.D
 Acq On : 21 Nov 2019 12:07
 Operator : JC/SP
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Quant Time: Nov 21 15:24:55 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	5.65	168	602409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	909137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	811149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	389774	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	382178	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	5.48	113	316104	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
50) Toluene-d8	8.71	98	1179875	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
62) 4-Bromofluorobenzene	11.14	95	421552	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	127783	18.410	ug/l	96
3) Chloromethane	1.31	50	144081	19.142	ug/l	96
4) Vinyl Chloride	1.40	62	172981	20.186	ug/l	98
5) Bromomethane	1.62	94	105373	17.646	ug/l	94
6) Chloroethane	1.72	64	98701	19.421	ug/l	100
7) Trichlorofluoromethane	1.92	101	197700	19.528	ug/l	99
8) Diethyl Ether	2.18	74	91438	20.424	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121605	21.551	ug/l	99
10) Methyl Iodide	2.50	142	118439	16.953	ug/l	95
11) Tert butyl alcohol	3.03	59	189261	100.615	ug/l	99
12) 1,1-Dichloroethene	2.36	96	120595	21.824	ug/l	97
13) Acrolein	2.28	56	88836	87.139	ug/l	98
14) Allyl chloride	2.72	41	217385	21.652	ug/l	98
15) Acrylonitrile	3.12	53	398137	113.310	ug/l	99
16) Acetone	2.43	43	348856	98.001	ug/l	100
17) Carbon Disulfide	2.56	76	274500	18.560	ug/l	100
18) Methyl Acetate	2.76	43	234432	23.854	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	427426	23.191	ug/l	98
20) Methylene Chloride	2.84	84	141673	21.541	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	125622	20.879	ug/l	98
22) Diisopropyl ether	3.84	45	455297	23.489	ug/l	98
23) Vinyl Acetate	3.80	43	1848896	111.470	ug/l	99
24) 1,1-Dichloroethane	3.69	63	242407	22.355	ug/l	98
25) 2-Butanone	4.65	43	553563	106.003	ug/l	100
26) 2,2-Dichloropropane	4.57	77	194194	22.512	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	153141	22.722	ug/l	99
28) Bromochloromethane	5.00	49	65307	21.212	ug/l	97
29) Tetrahydrofuran	5.11	42	359284	111.644	ug/l	99
30) Chloroform	5.20	83	249910	23.340	ug/l	94
31) Cyclohexane	5.57	56	201425	20.644	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	200465	21.755	ug/l	99
36) 1,1-Dichloropropene	5.79	75	168750	21.637	ug/l	98
37) Ethyl Acetate	4.82	43	209714	21.761	ug/l	98
38) Carbon Tetrachloride	5.78	117	170372	22.339	ug/l	98

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Quant Time: Nov 21 15:24:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202646	20.852	ug/l	99
40) Benzene	6.13	78	538795	22.178	ug/l	99
41) Methacrylonitrile	5.03	41	122942	22.760	ug/l	97
42) 1,2-Dichloroethane	6.18	62	194772	22.226	ug/l	99
43) Isopropyl Acetate	6.43	43	348444	23.219	ug/l	99
44) Trichloroethene	7.20	130	144805	21.653	ug/l	100
45) 1,2-Dichloropropane	7.51	63	138007	22.295	ug/l	100
46) Dibromomethane	7.65	93	93310	22.078	ug/l	98
47) Bromodichloromethane	7.89	83	183635	23.041	ug/l	93
48) Methyl methacrylate	7.76	41	170597	22.773	ug/l	97
49) 1,4-Dioxane	7.73	88	75306	438.961	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1109058	112.642	ug/l	98
52) Toluene	8.78	92	343201	22.793	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	199803	22.926	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	223877	22.965	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	147884	23.695	ug/l	97
56) Ethyl methacrylate	9.17	69	227517	22.249	ug/l	97
57) 1,3-Dichloropropane	9.37	76	244946	23.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	395958	92.786	ug/l	100
59) 2-Hexanone	9.48	43	850264	111.749	ug/l	99
60) Dibromochloromethane	9.57	129	149127	23.363	ug/l	99
61) 1,2-Dibromoethane	9.67	107	151007	22.785	ug/l	99
64) Tetrachloroethene	9.33	164	131653	22.672	ug/l	97
65) Chlorobenzene	10.14	112	370330	22.551	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	139974	23.214	ug/l	99
67) Ethyl Benzene	10.25	91	640892	22.612	ug/l	99
68) m/p-Xylenes	10.35	106	480752	44.851	ug/l	99
69) o-Xylene	10.70	106	243915	23.243	ug/l	98
70) Styrene	10.71	104	401486	22.887	ug/l	99
71) Bromoform	10.85	173	111272	21.831	ug/l	99
73) Isopropylbenzene	11.01	105	640121	24.770	ug/l	99
74) N-amyl acetate	10.89	43	295778	24.681	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	234050	24.826	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	254356	32.129	ug/l	80
77) Bromobenzene	11.25	156	169184	24.557	ug/l	96
78) n-propylbenzene	11.35	91	702957	24.419	ug/l	99
79) 2-Chlorotoluene	11.42	91	422878	24.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	530039	24.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69250	22.515	ug/l	97
82) 4-Chlorotoluene	11.51	91	478456	23.566	ug/l	100
83) tert-Butylbenzene	11.76	119	549134	25.342	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	539708	24.994	ug/l	99
85) sec-Butylbenzene	11.94	105	604663	24.280	ug/l	99
86) p-Isopropyltoluene	12.06	119	567486	24.747	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286581	23.337	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	287430	22.973	ug/l	99
89) n-Butylbenzene	12.39	91	452717	22.625	ug/l	100
90) Hexachloroethane	12.59	117	97866	23.953	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	294562	23.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48289	21.024	ug/l	94

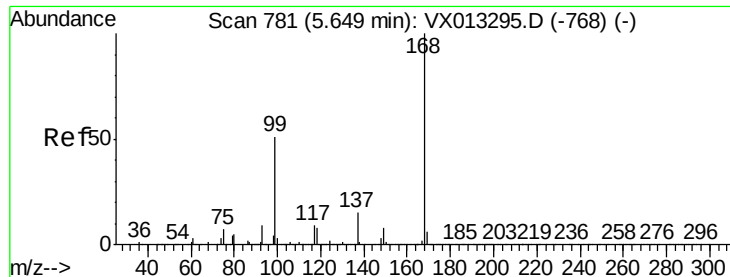
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
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Instrument :
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ClientSampleId :
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Quant Time: Nov 21 15:24:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
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	187004	21.840	ug/l	100
94) Hexachlorobutadiene	13.78	225	92038	21.971	ug/l	99
95) Naphthalene	13.83	128	601926	22.406	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	193695	22.556	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

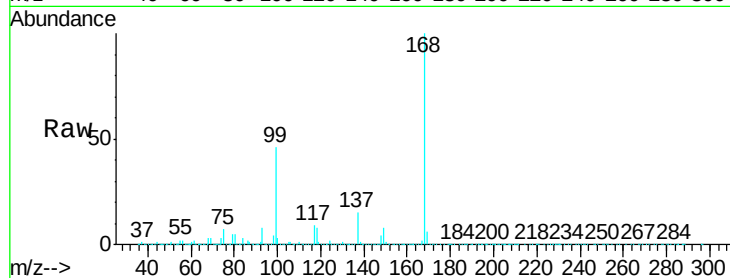
VX1121WBS01

Tgt Ion: 168 Resp: 602409

Ion Ratio Lower Upper

168 100

99 46.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

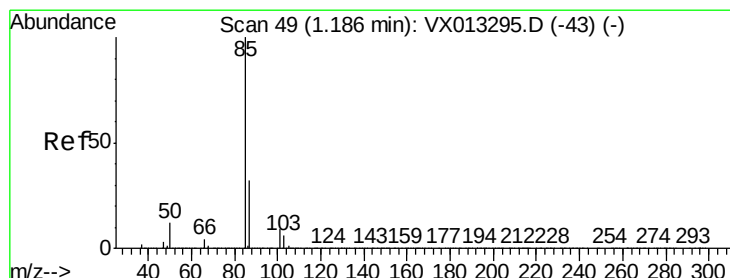
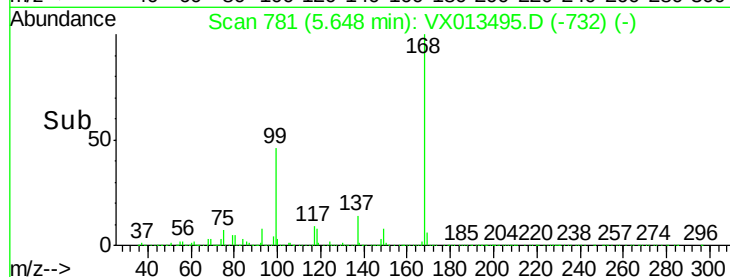
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.410 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013495.D

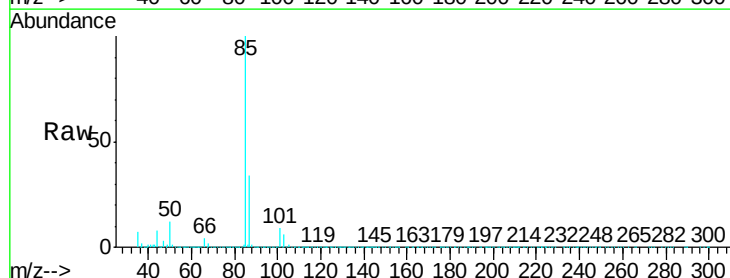
Acq: 21 Nov 2019 12:07

Tgt Ion: 85 Resp: 127783

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

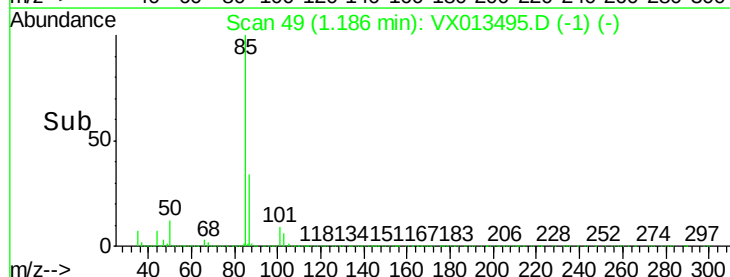
1.19

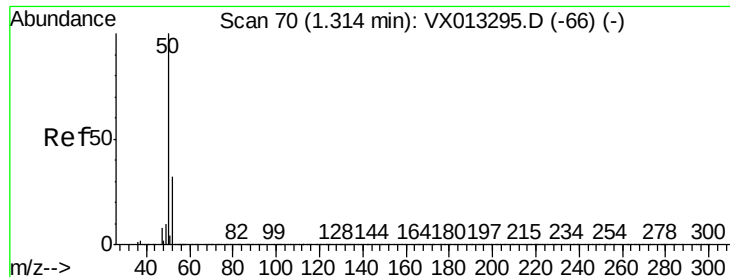
100000

50000

0

Time-->





#3

Chloromethane

Concen: 19.142 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampled :

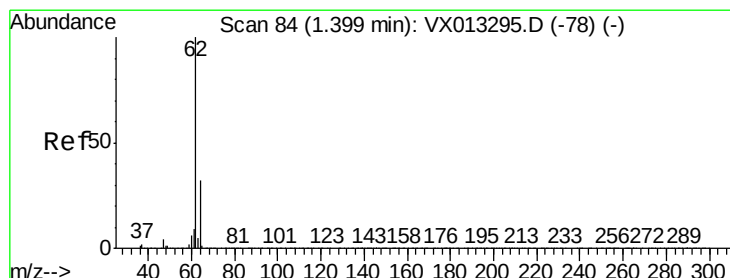
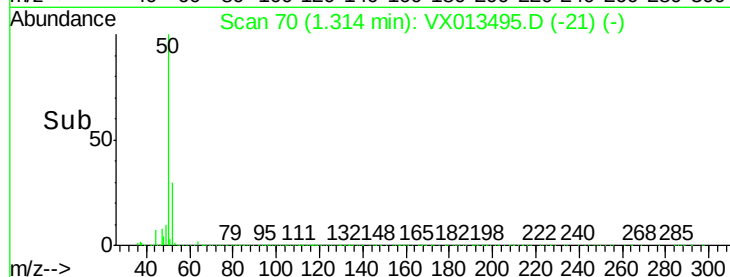
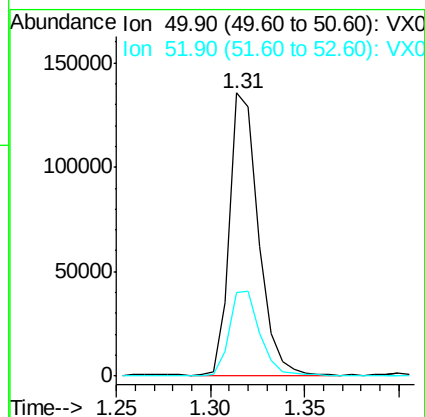
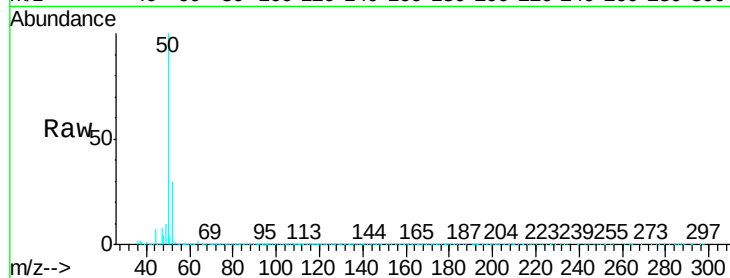
VX1121WBS01

Tgt Ion: 50 Resp: 144081

Ion Ratio Lower Upper

50 100

52 29.6 25.5 38.3



#4

Vinyl Chloride

Concen: 20.186 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013495.D

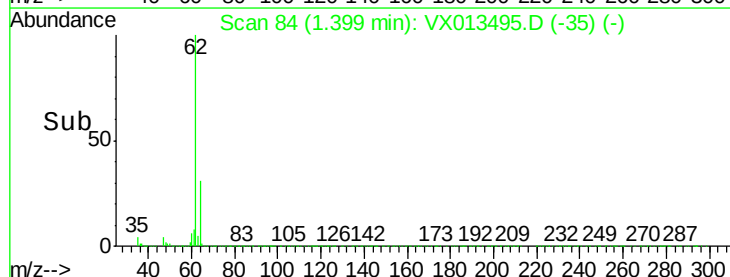
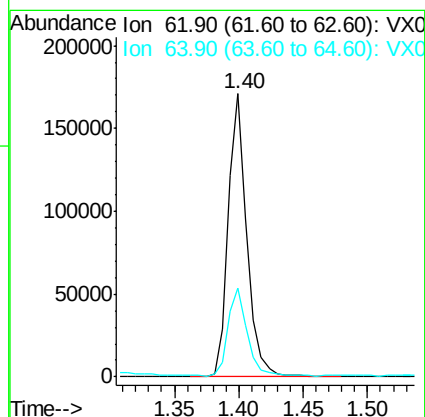
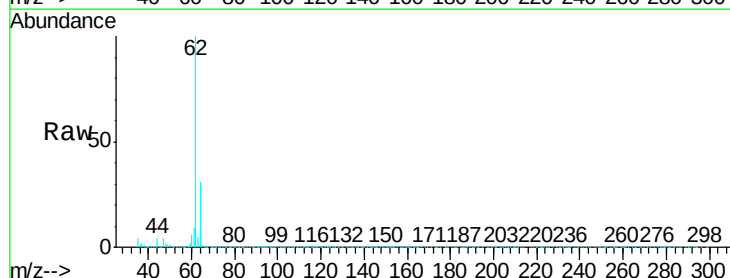
Acq: 21 Nov 2019 12:07

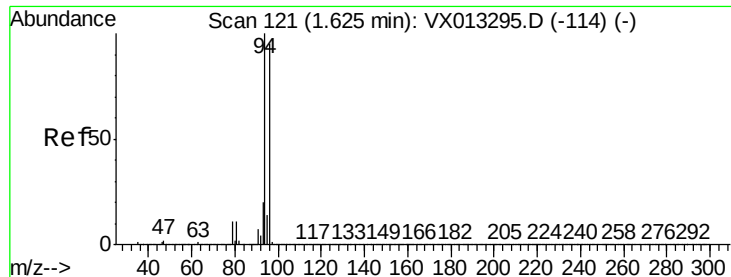
Tgt Ion: 62 Resp: 172981

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4





#5

Bromomethane

Concen: 17.646 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampled :

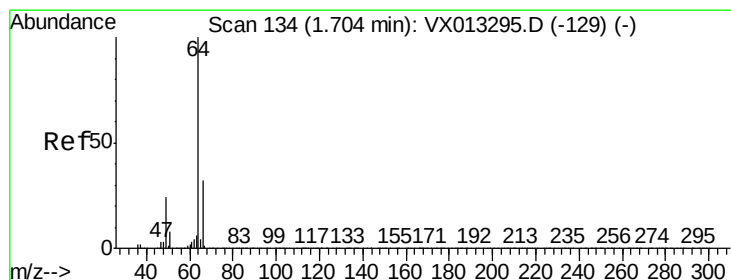
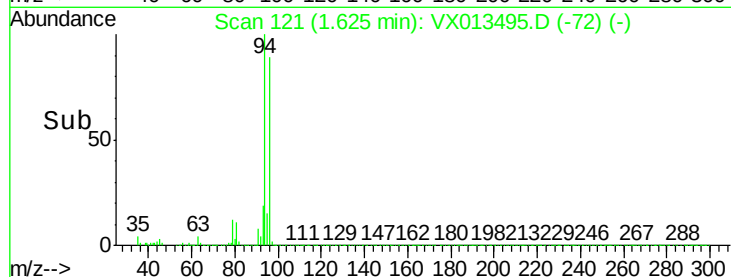
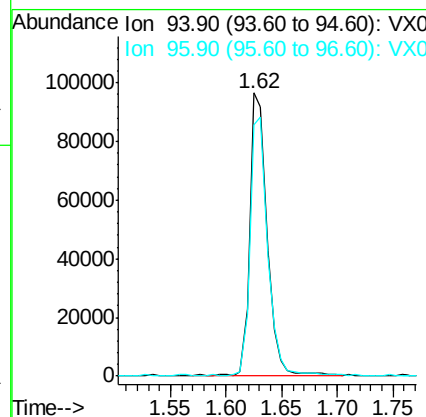
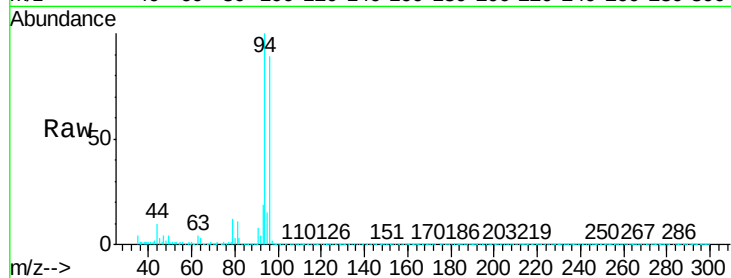
VX1121WBS01

Tgt Ion: 94 Resp: 105373

Ion Ratio Lower Upper

94 100

96 89.1 75.8 113.8



#6

Chloroethane

Concen: 19.421 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013495.D

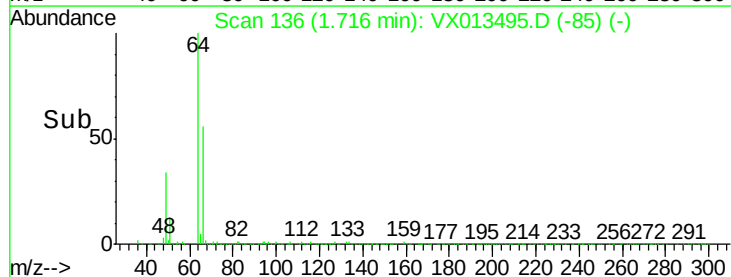
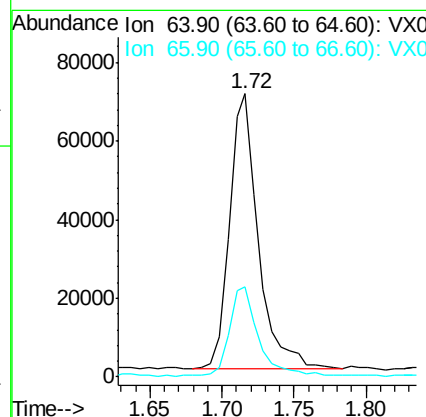
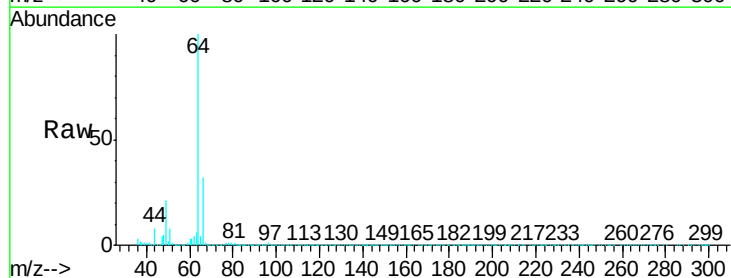
Acq: 21 Nov 2019 12:07

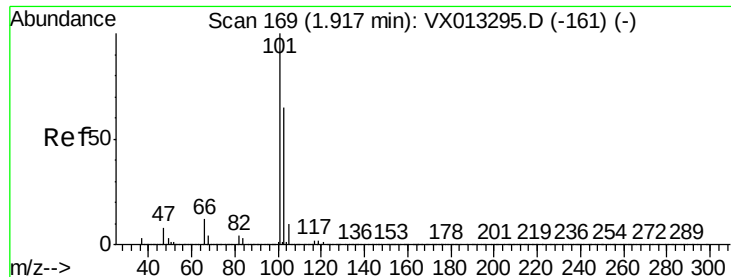
Tgt Ion: 64 Resp: 98701

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



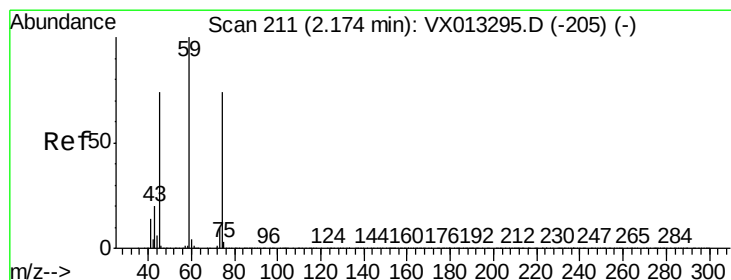
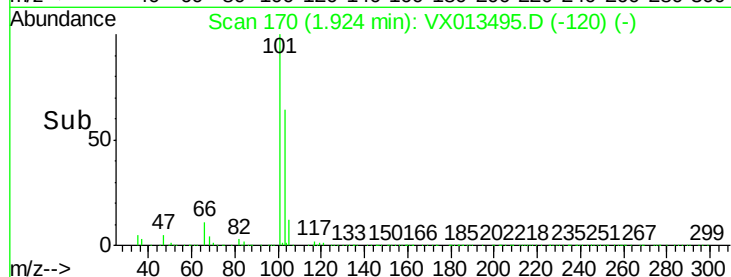
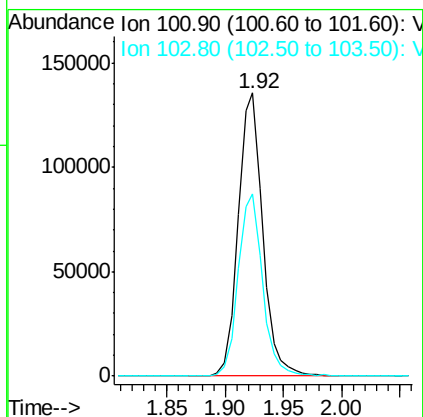
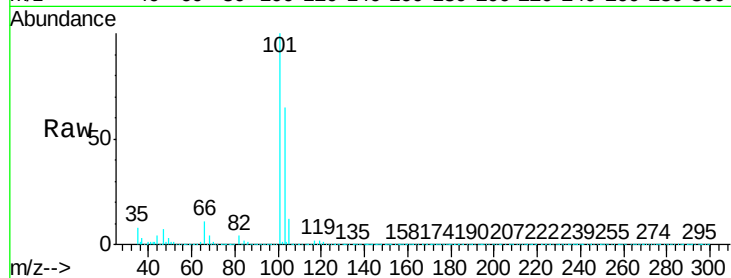


#7

Trichlorofluoromethane
Concen: 19.528 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

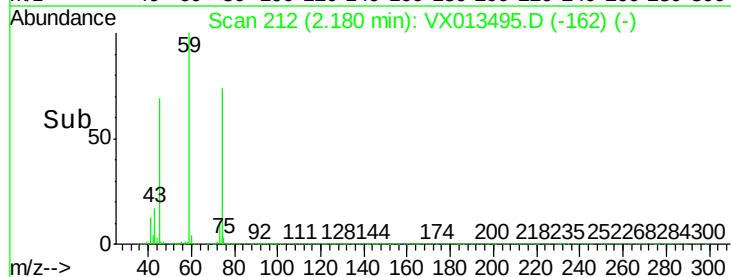
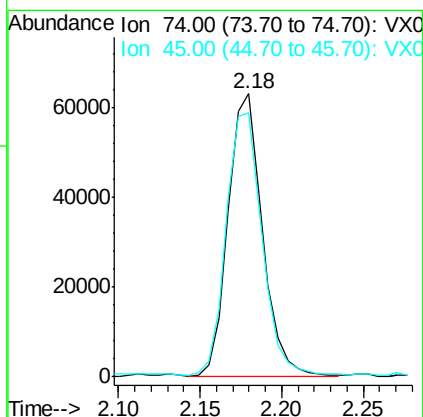
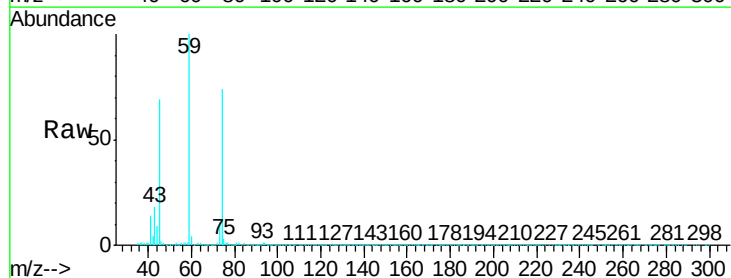
Tgt Ion:101 Resp: 197700
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

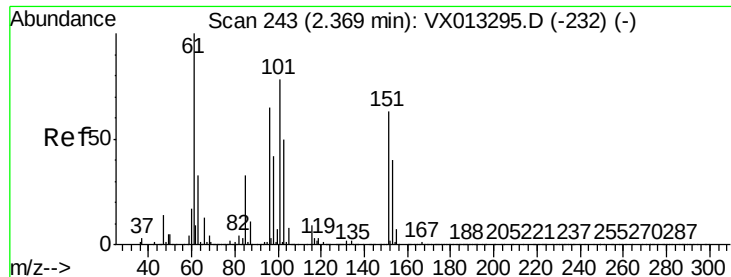


#8

Diethyl Ether
Concen: 20.424 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion: 74 Resp: 91438
Ion Ratio Lower Upper
74 100
45 98.8 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.551 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

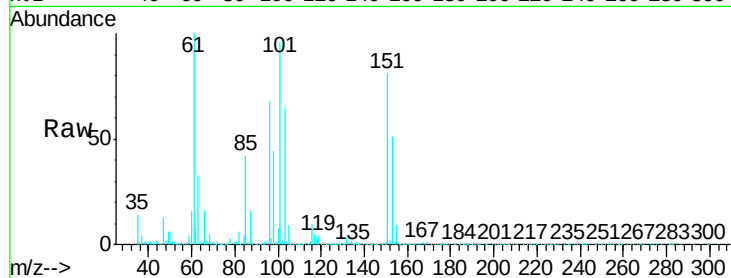
Tgt Ion:101 Resp: 121605

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

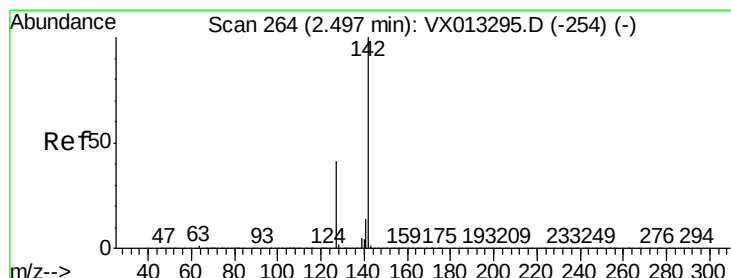
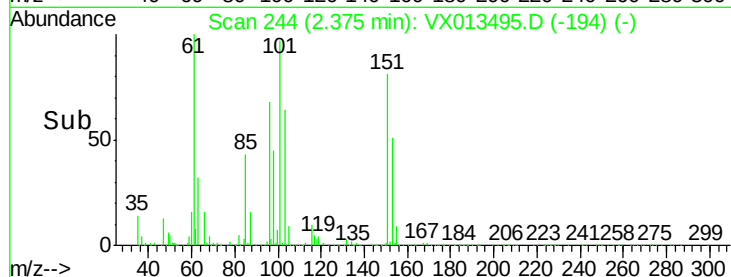
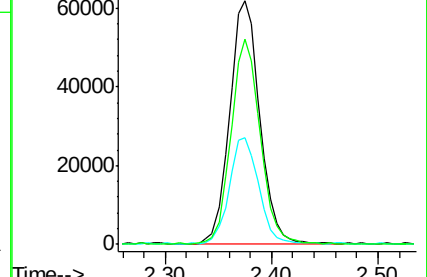
151 82.1 66.4 99.6



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: 16.953 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

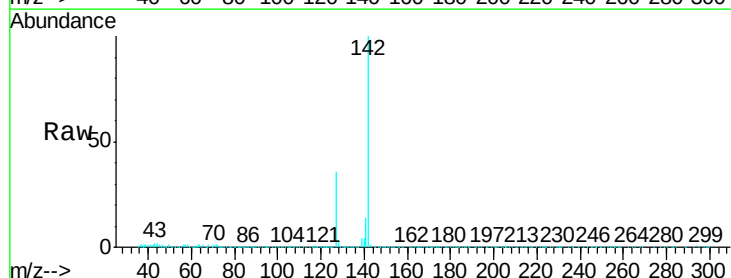
Tgt Ion:142 Resp: 118439

Ion Ratio Lower Upper

142 100

127 37.5 32.6 49.0

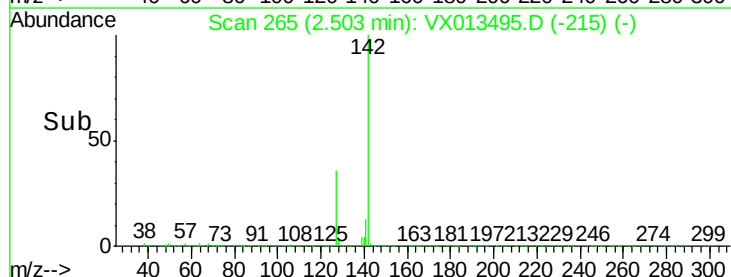
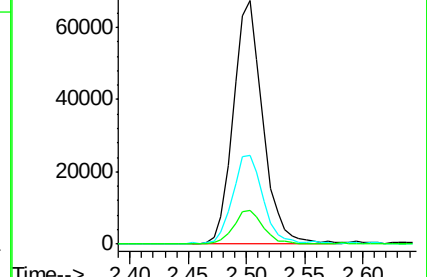
141 13.5 11.6 17.4

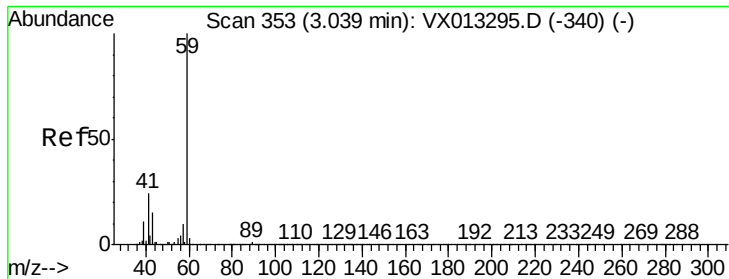


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



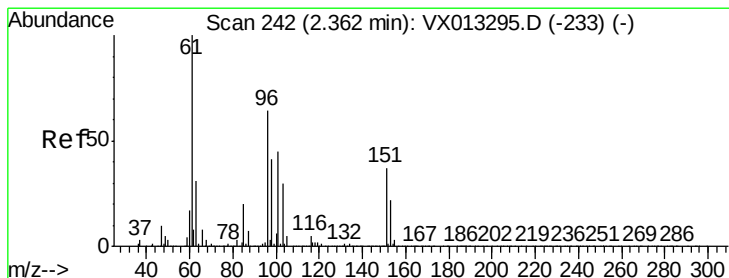
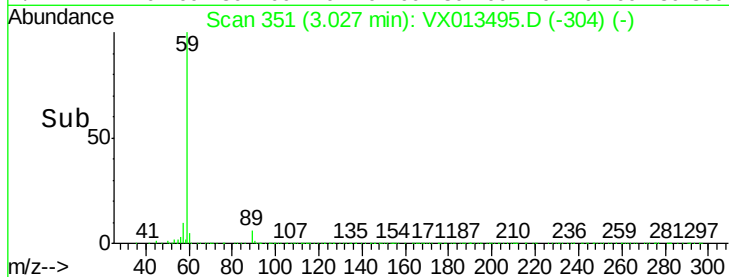
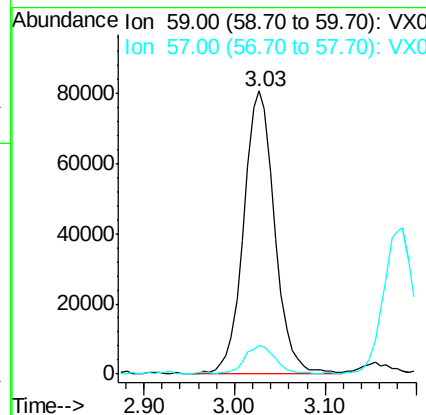
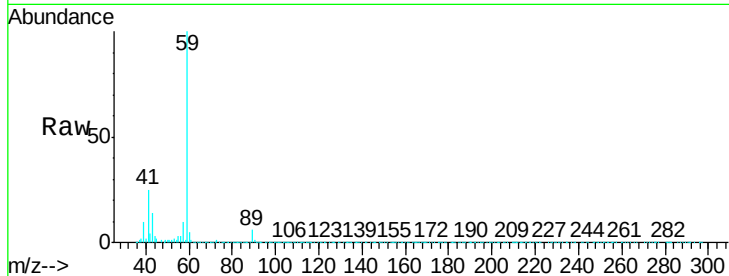


#11

Tert butyl alcohol
 Concen: 100.615 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

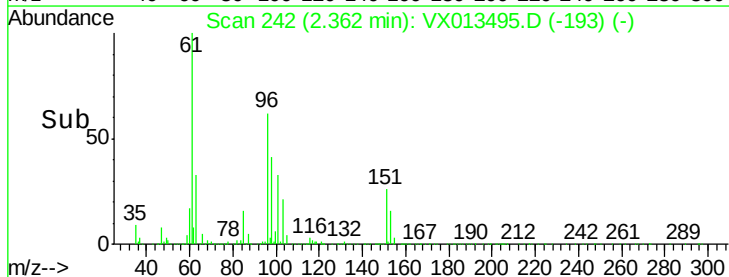
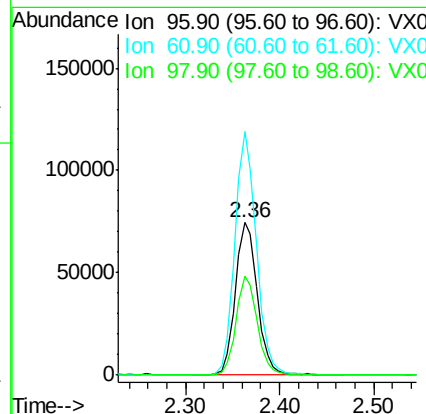
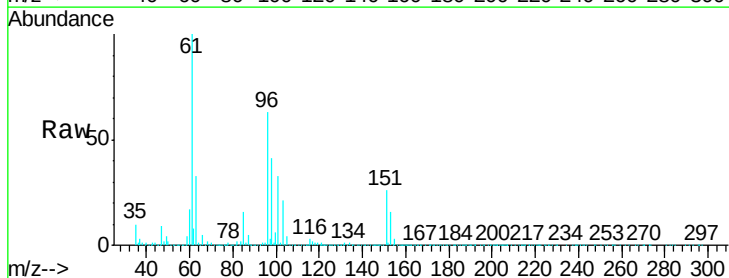
Tgt Ion: 59 Resp: 189261
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.0 12.0

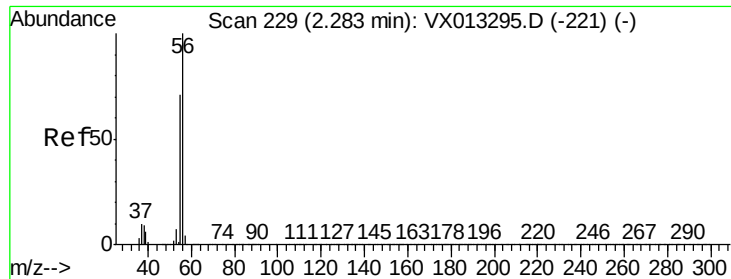


#12

1,1-Dichloroethene
 Concen: 21.824 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion: 96 Resp: 120595
 Ion Ratio Lower Upper
 96 100
 61 159.9 125.0 187.6
 98 65.0 50.7 76.1

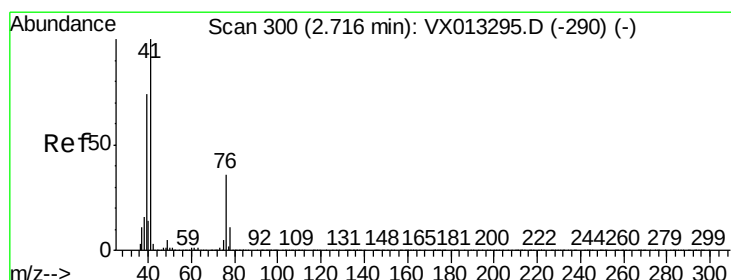
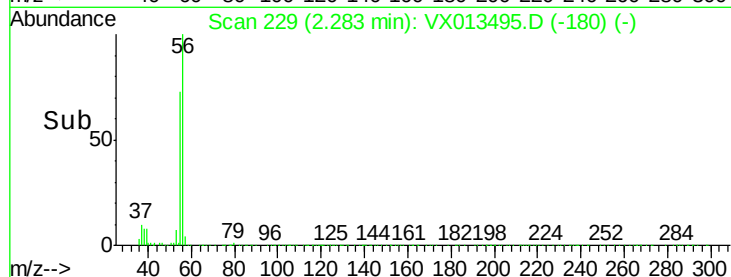
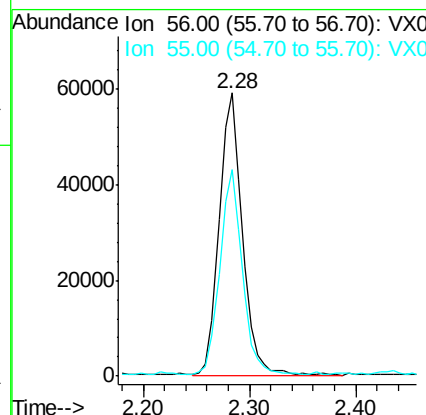
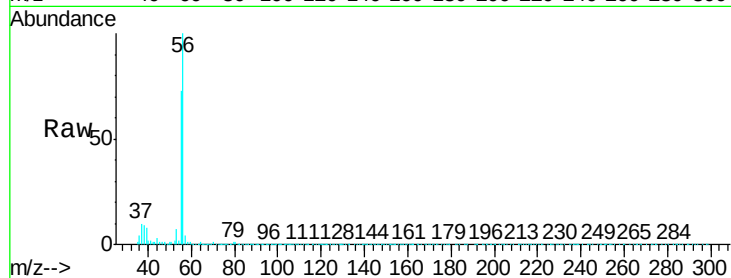




#13
Acrolein
Concen: 87.139 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

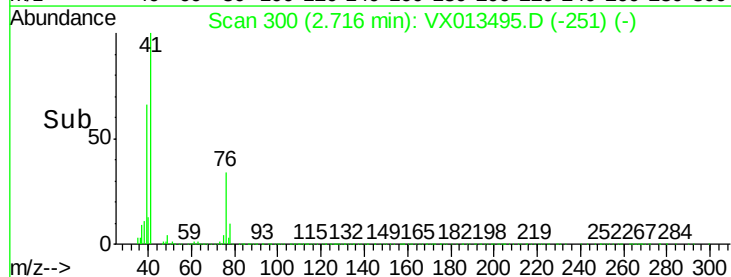
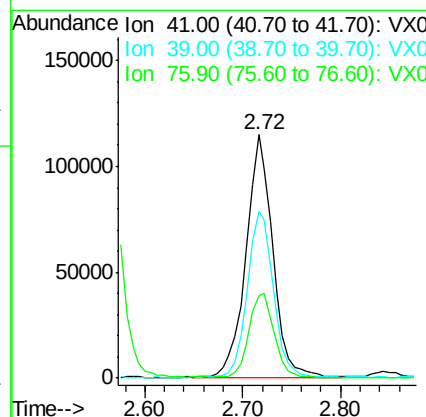
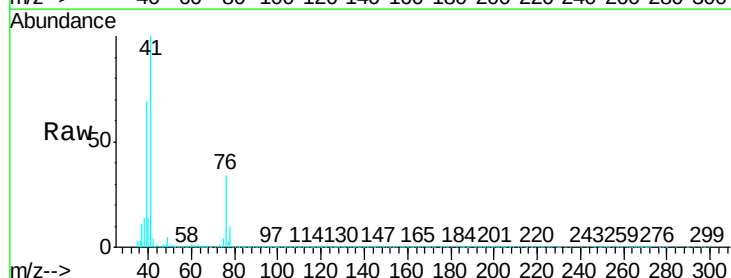
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

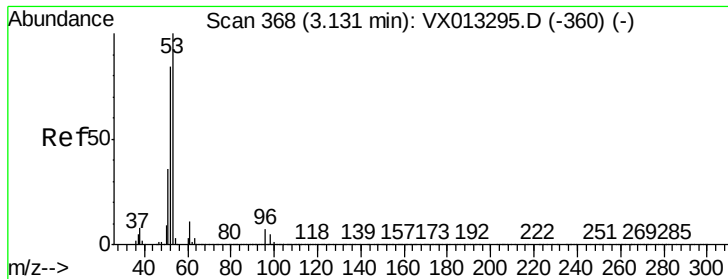
Tgt Ion: 56 Resp: 88836
Ion Ratio Lower Upper
56 100
55 70.2 57.4 86.0



#14
Allyl chloride
Concen: 21.652 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion: 41 Resp: 217385
Ion Ratio Lower Upper
41 100
39 66.9 55.8 83.8
76 32.9 26.4 39.6





#15

Acrylonitrile

Concen: 113.310 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

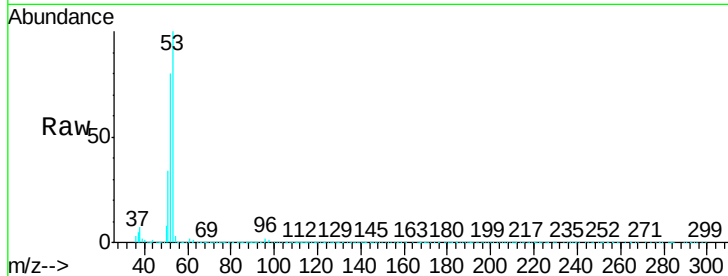
Tgt Ion: 53 Resp: 398137

Ion Ratio Lower Upper

53 100

52 83.4 67.4 101.0

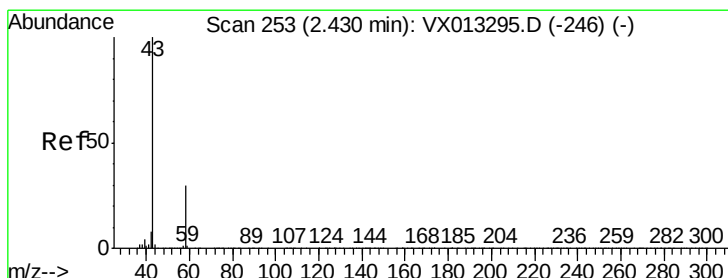
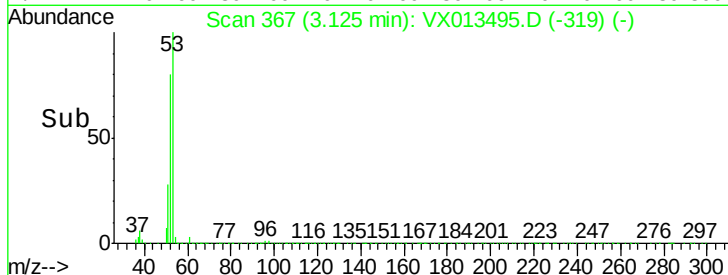
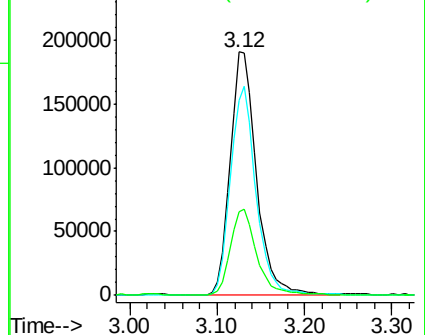
51 35.4 29.4 44.2



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: 98.001 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013495.D

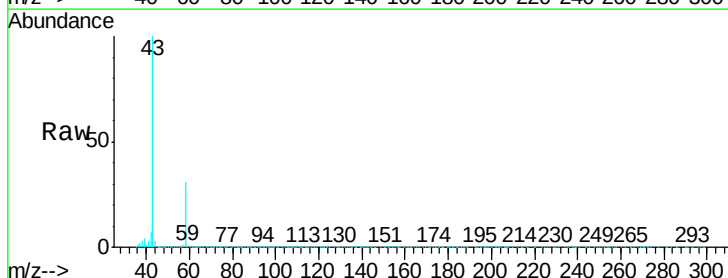
Acq: 21 Nov 2019 12:07

Tgt Ion: 43 Resp: 348856

Ion Ratio Lower Upper

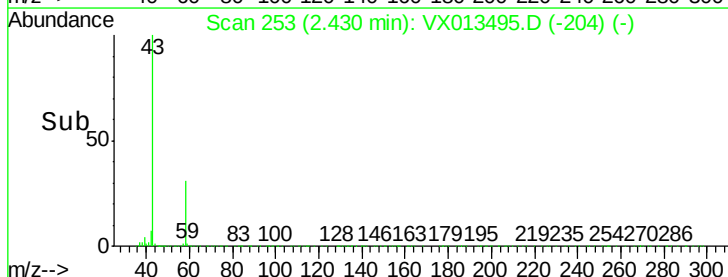
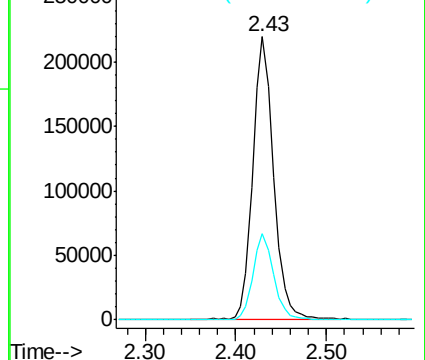
43 100

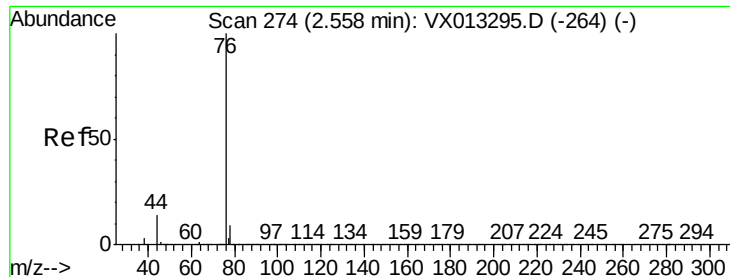
58 30.5 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.560 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

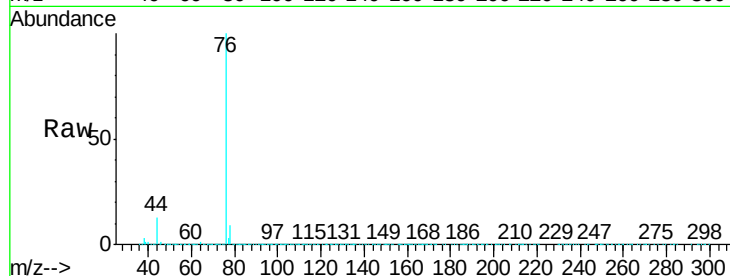
VX1121WBS01

Tgt Ion: 76 Resp: 274500

Ion Ratio Lower Upper

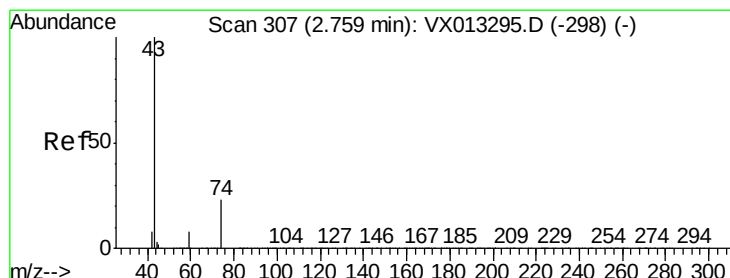
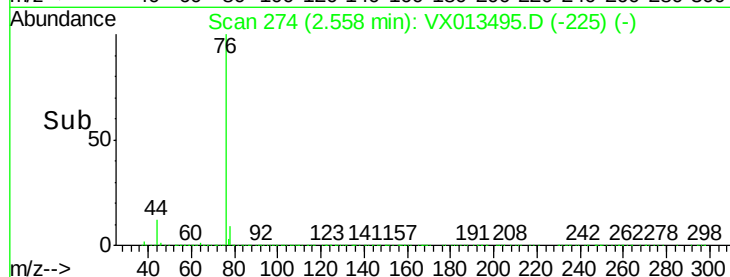
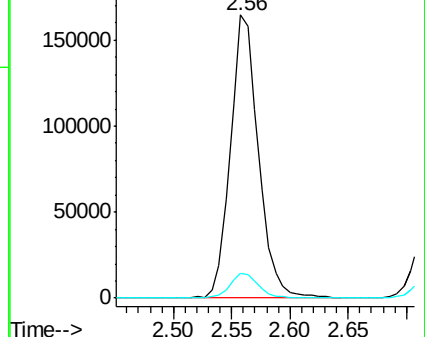
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.854 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013495.D

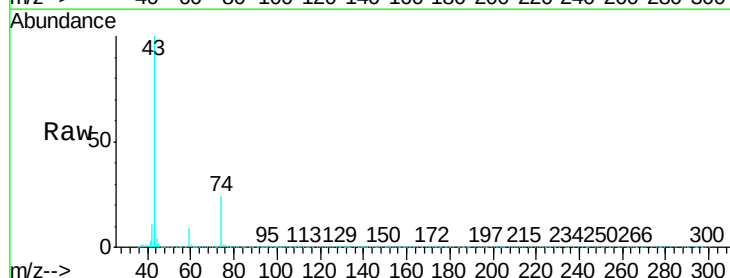
Acq: 21 Nov 2019 12:07

Tgt Ion: 43 Resp: 234432

Ion Ratio Lower Upper

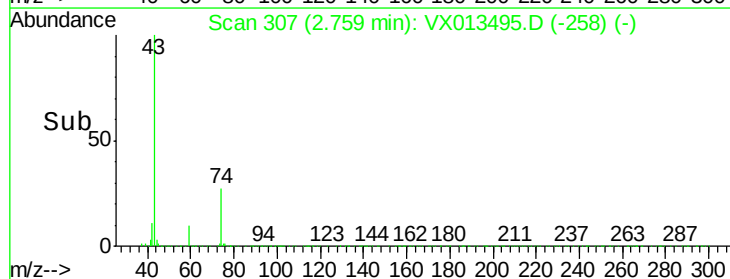
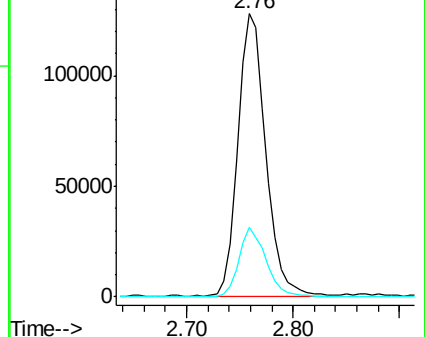
43 100

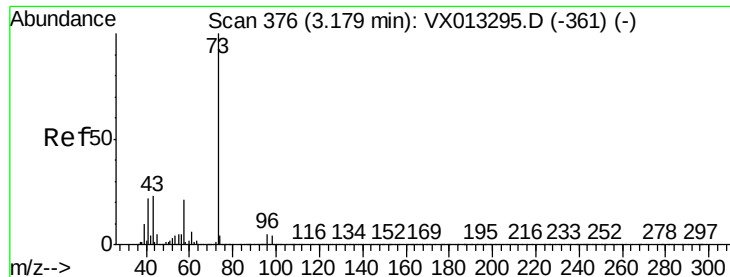
74 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 23.191 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

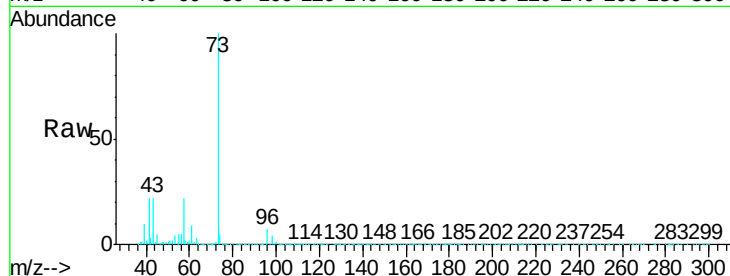
VX1121WBS01

Tgt Ion: 73 Resp: 427426

Ion Ratio Lower Upper

73 100

57 22.2 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

200000

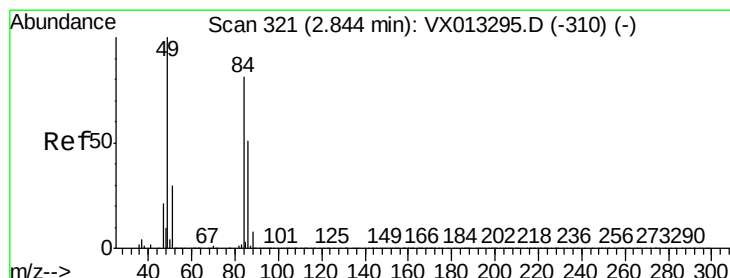
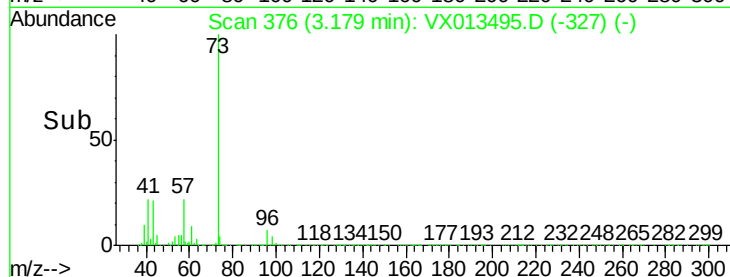
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 21.541 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Tgt Ion: 84 Resp: 141673

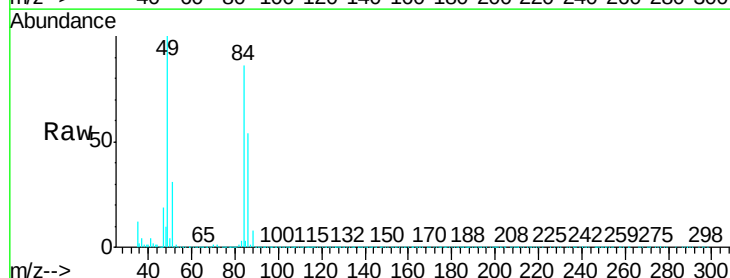
Ion Ratio Lower Upper

84 100

49 116.1 98.2 147.4

51 34.9 29.9 44.9

86 62.3 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

120000

100000

80000

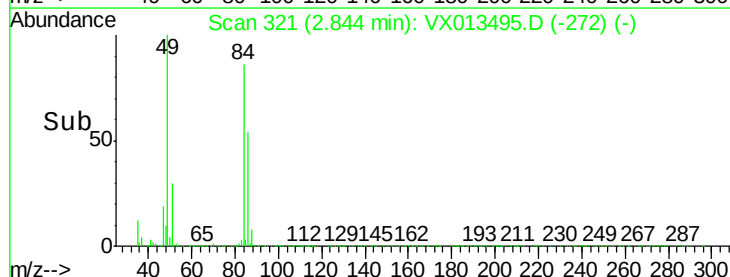
60000

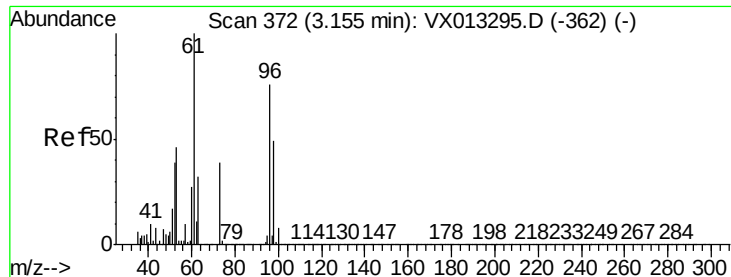
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 20.879 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

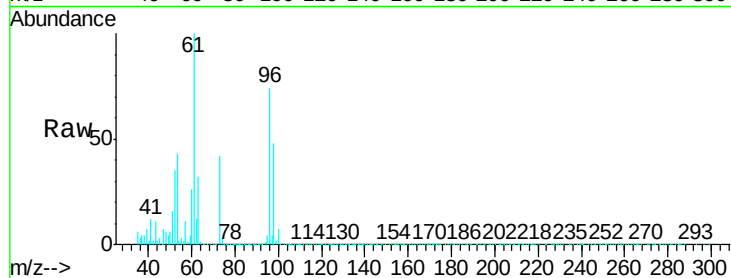
Tgt Ion: 96 Resp: 125622

Ion Ratio Lower Upper

96 100

61 135.5 105.8 158.6

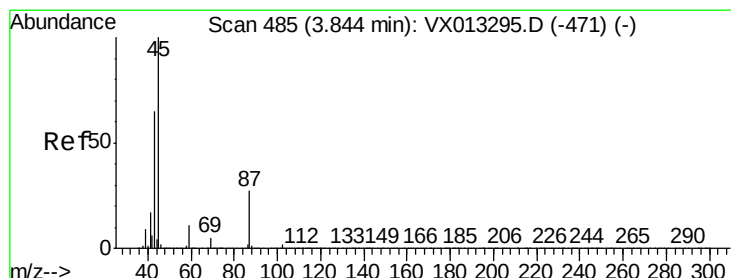
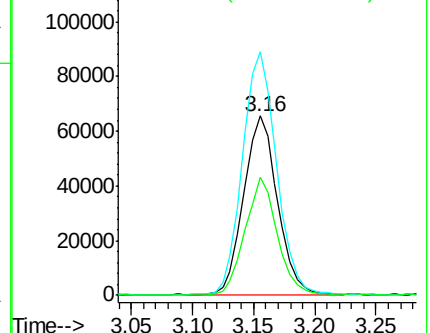
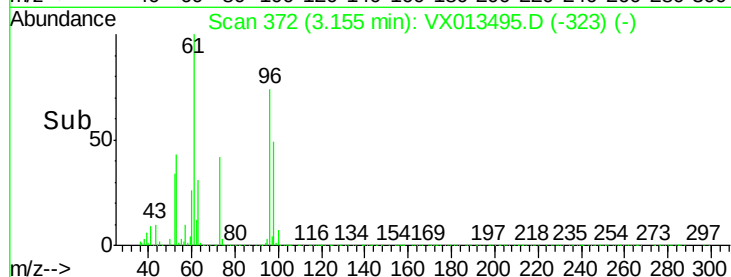
98 65.6 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 23.489 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Tgt Ion: 45 Resp: 455297

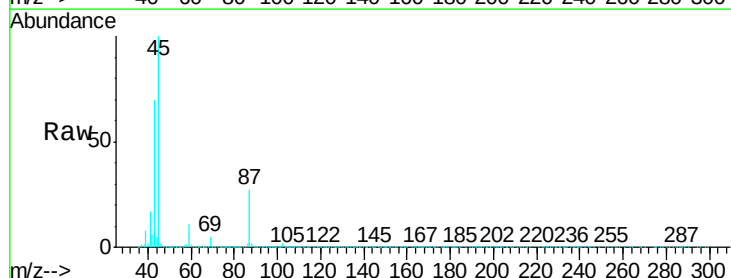
Ion Ratio Lower Upper

45 100

43 69.7 54.2 81.2

87 27.0 21.8 32.8

59 10.9 8.5 12.7

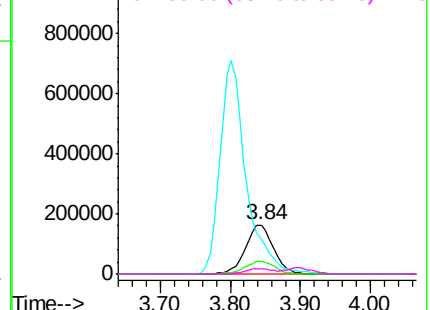
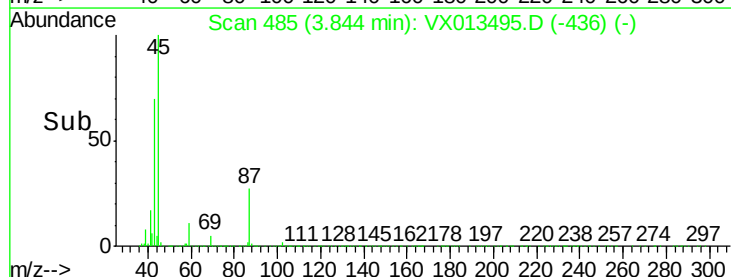


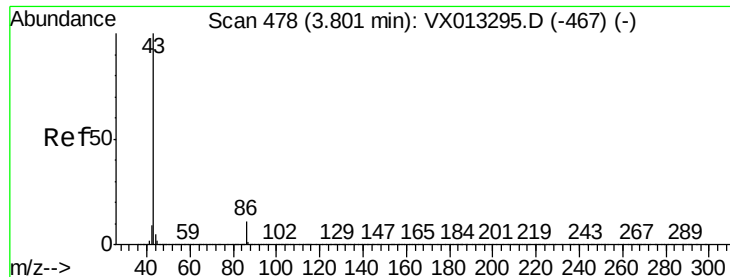
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 111.470 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

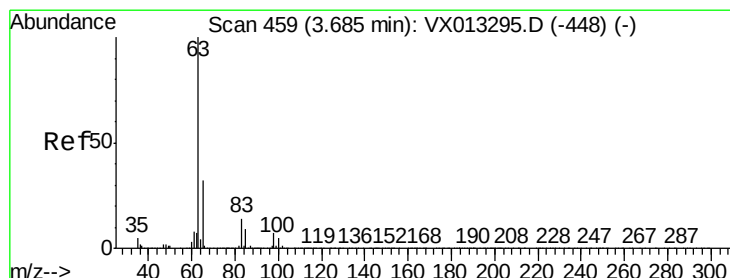
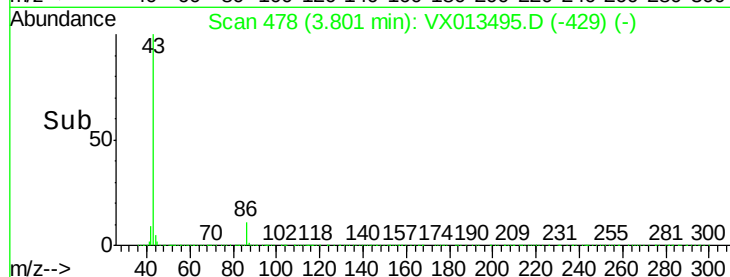
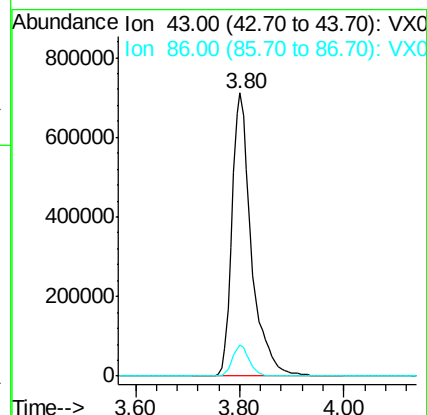
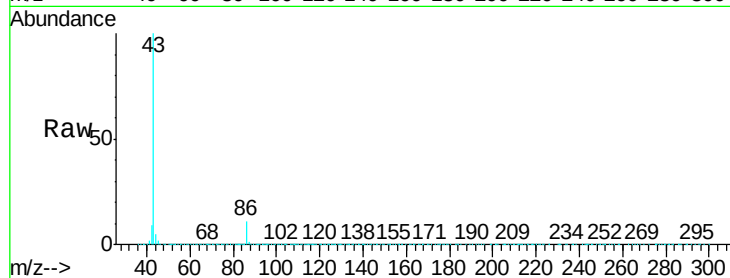
VX1121WBS01

Tgt Ion: 43 Resp: 1848896

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



#24

1,1-Dichloroethane

Concen: 22.355 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

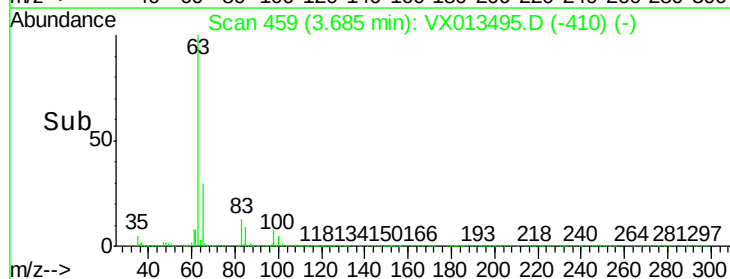
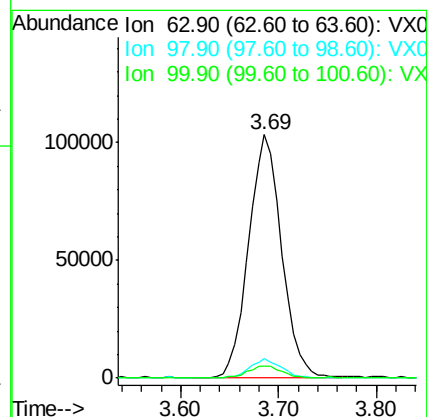
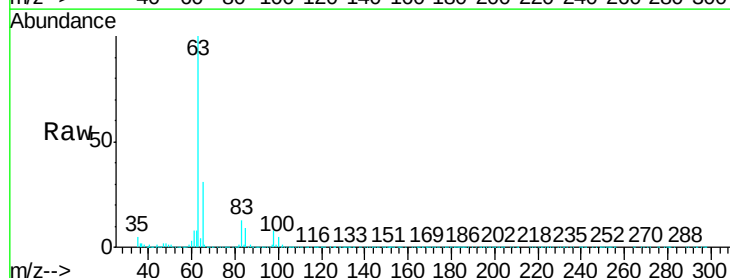
Tgt Ion: 63 Resp: 242407

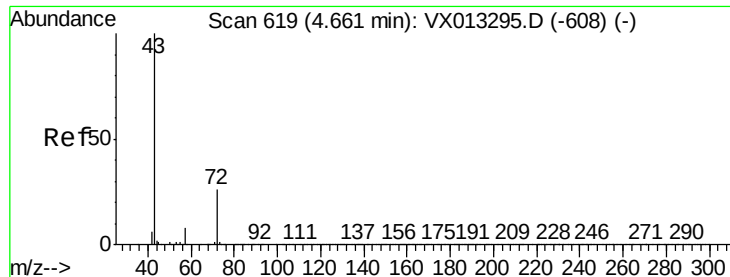
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 106.003 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

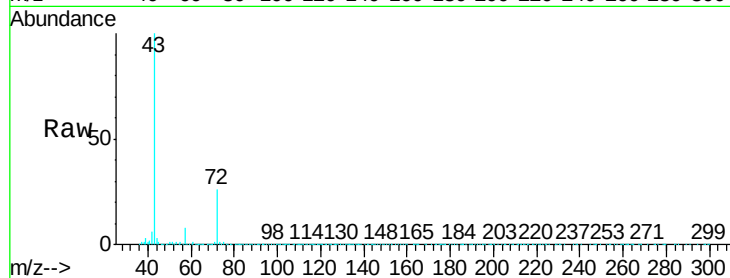
VX1121WBS01

Tgt Ion: 43 Resp: 553563

Ion Ratio Lower Upper

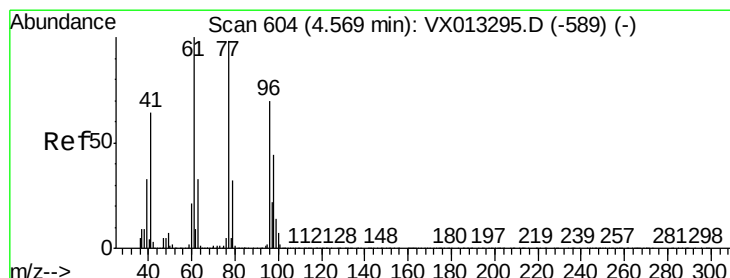
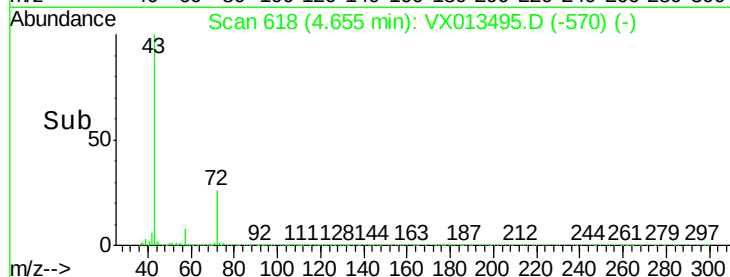
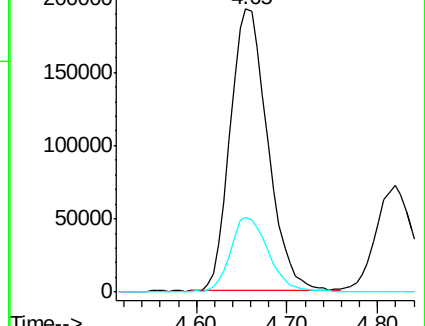
43 100

72 26.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.512 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013495.D

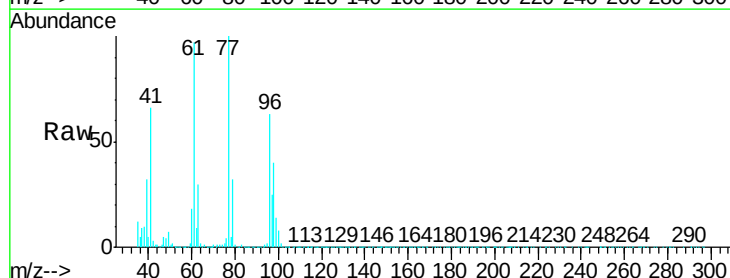
Acq: 21 Nov 2019 12:07

Tgt Ion: 77 Resp: 194194

Ion Ratio Lower Upper

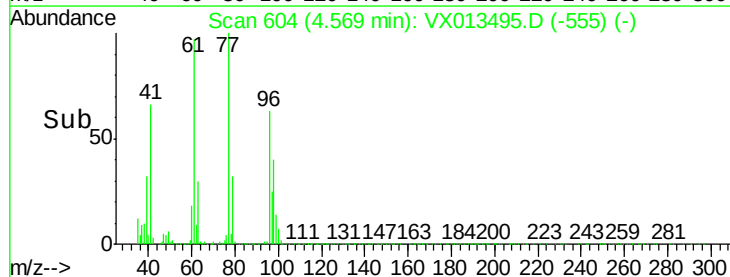
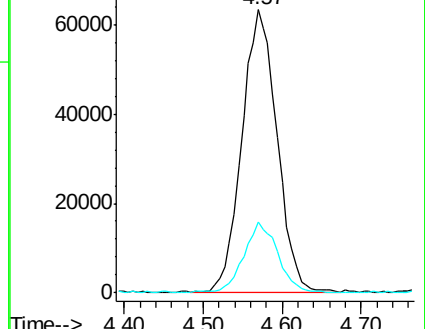
77 100

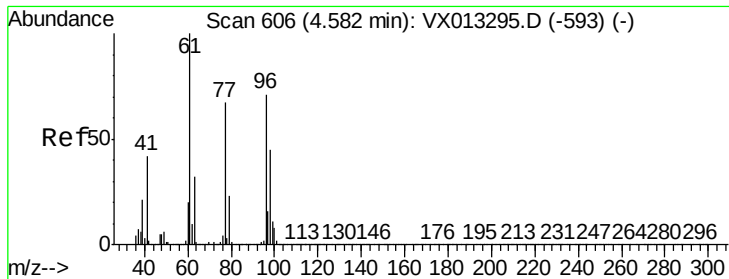
97 24.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



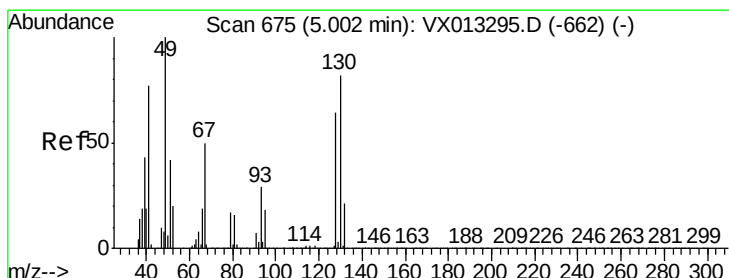
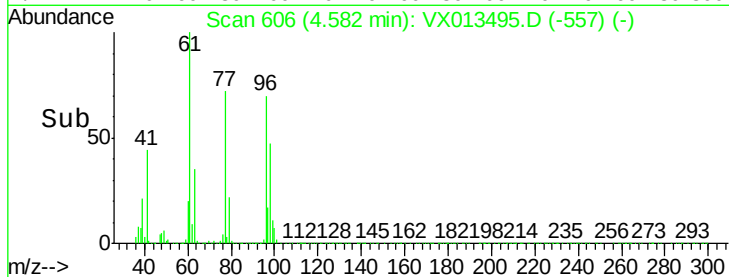
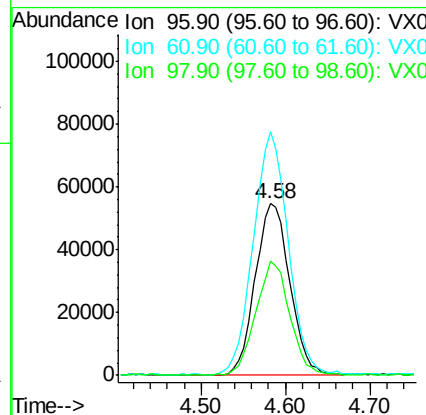
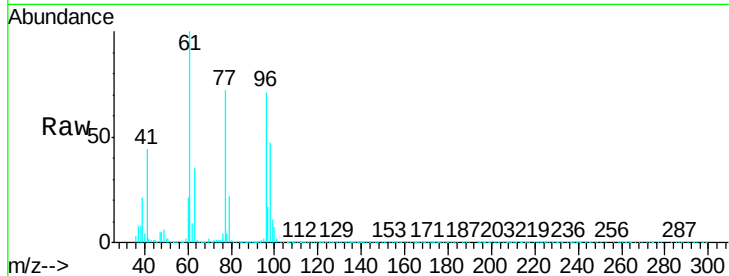


#27

cis-1,2-Dichloroethene
Concen: 22.722 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Instrument :
MSVOA_X
ClientSampled :
VX1121WBS01

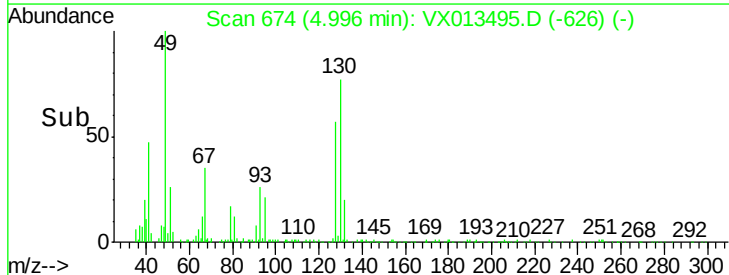
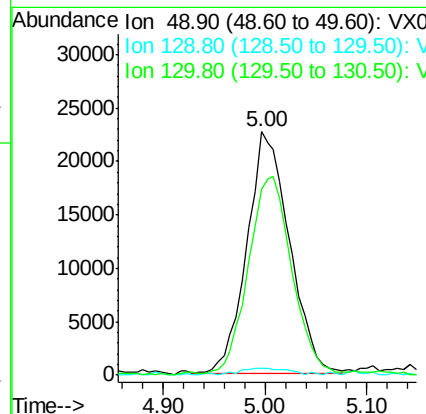
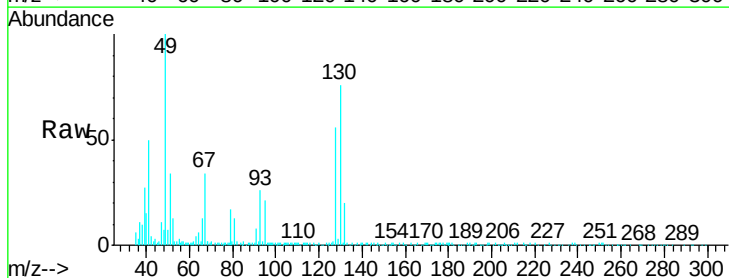
Tgt Ion: 96 Resp: 153141
Ion Ratio Lower Upper
96 100
61 142.8 0.0 288.0
98 65.7 0.0 129.6

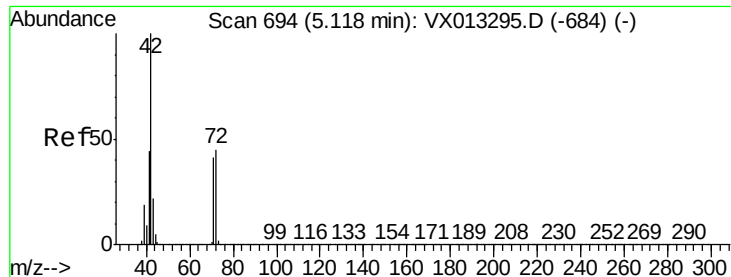


#28

Bromochloromethane
Concen: 21.212 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion: 49 Resp: 65307
Ion Ratio Lower Upper
49 100
129 3.1 0.0 5.2
130 82.6 63.8 95.6

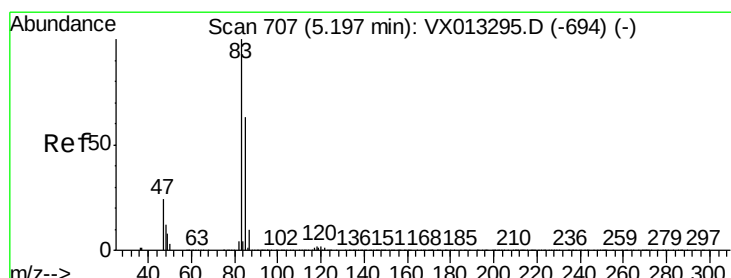
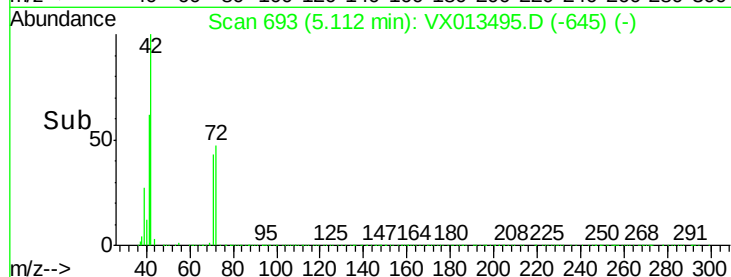
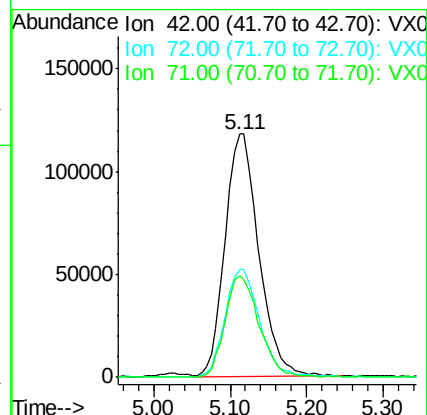
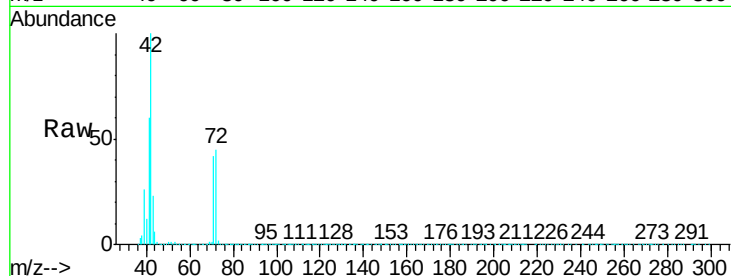




#29
Tetrahydrofuran
Concen: 111.644 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

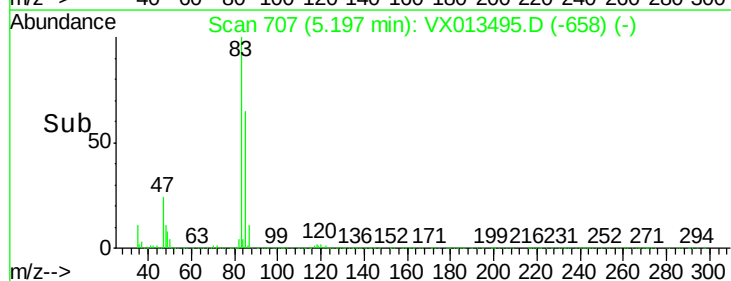
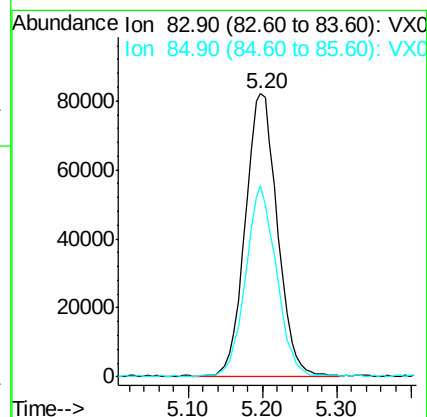
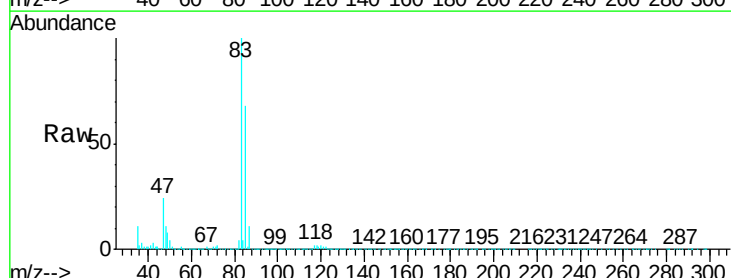
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

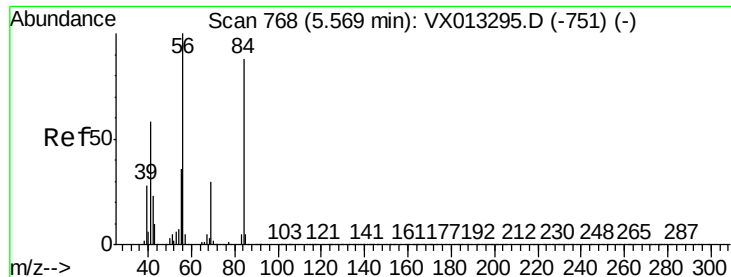
Tgt Ion: 42 Resp: 359284
Ion Ratio Lower Upper
42 100
72 45.8 35.8 53.8
71 42.1 33.4 50.0



#30
Chloroform
Concen: 23.340 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion: 83 Resp: 249910
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.4

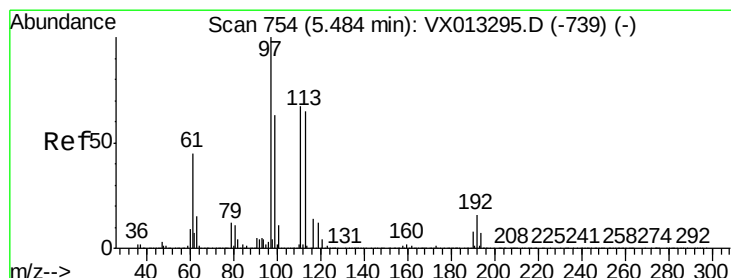
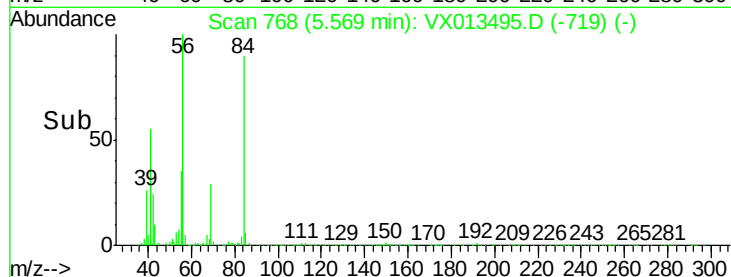
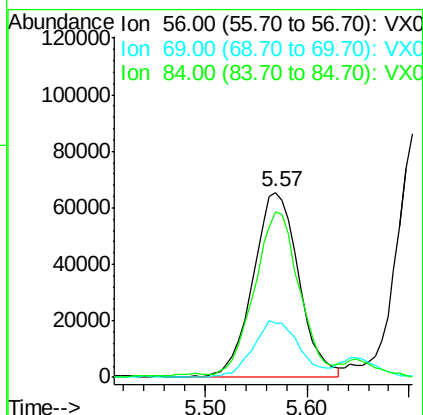
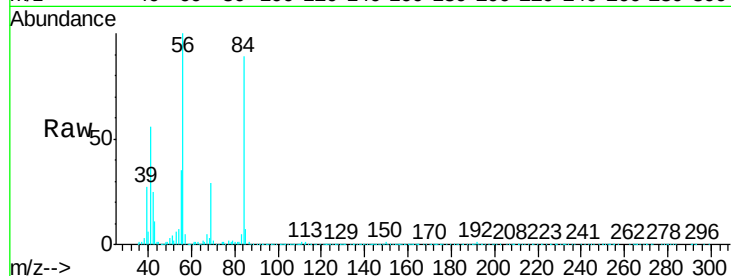




#31
Cyclohexane
Concen: 20.644 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

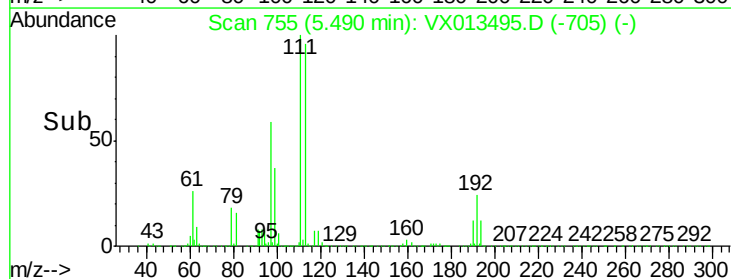
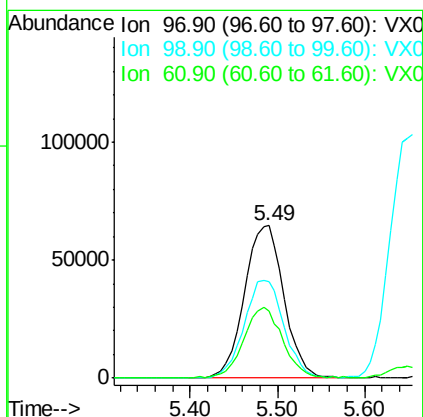
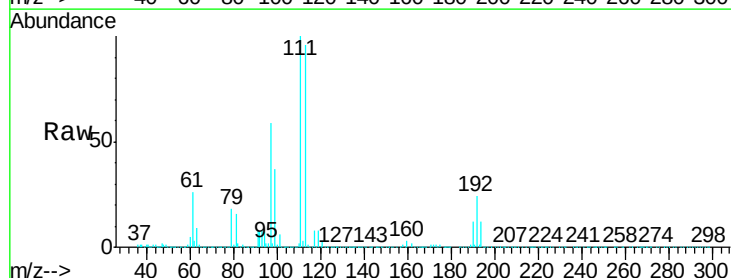
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

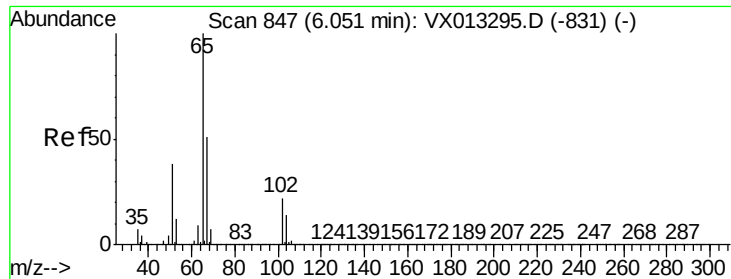
Tgt Ion: 56 Resp: 201425
Ion Ratio Lower Upper
56 100
69 28.8 23.7 35.5
84 88.7 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 21.755 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion: 97 Resp: 200465
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 45.5 36.5 54.7

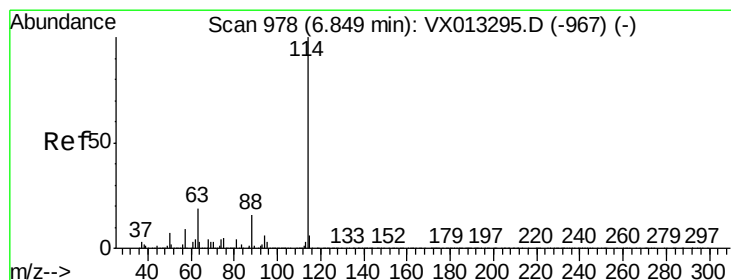
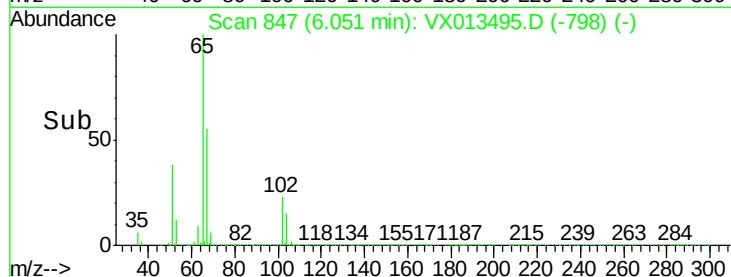
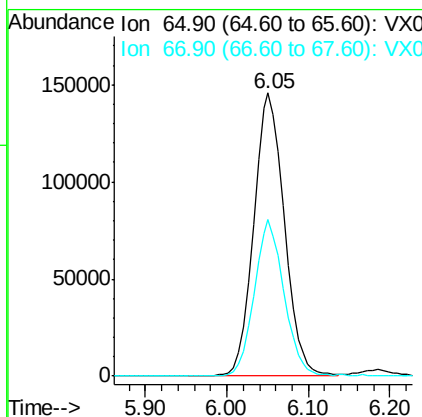
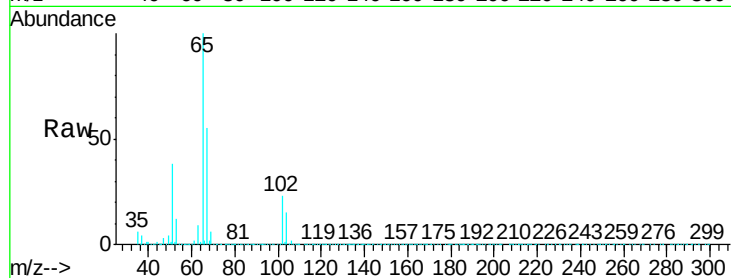




#33
 1,2-Dichloroethane-d4
 Concen: 53.551 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

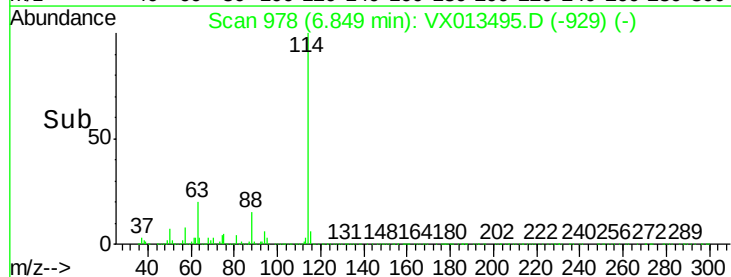
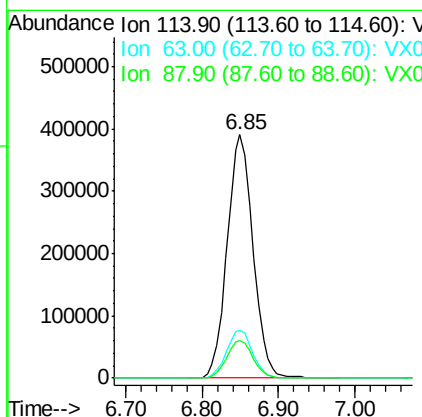
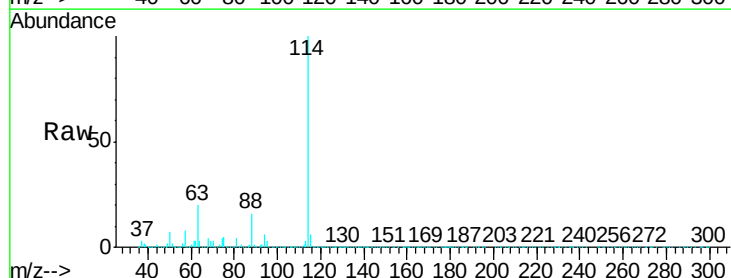
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

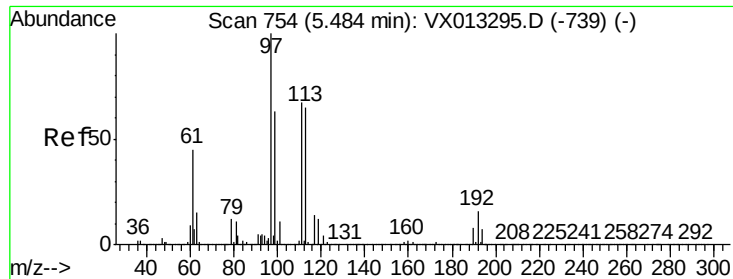
Tgt Ion: 65 Resp: 382178
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion: 114 Resp: 909137
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 15.5 0.0 32.2

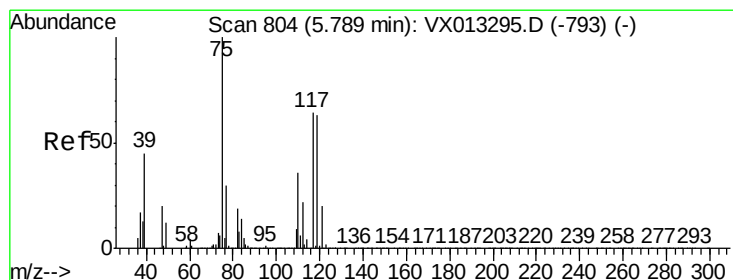
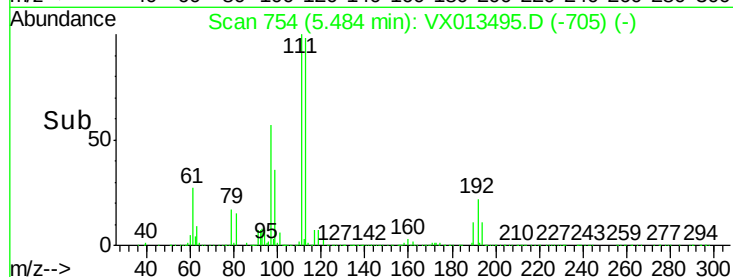
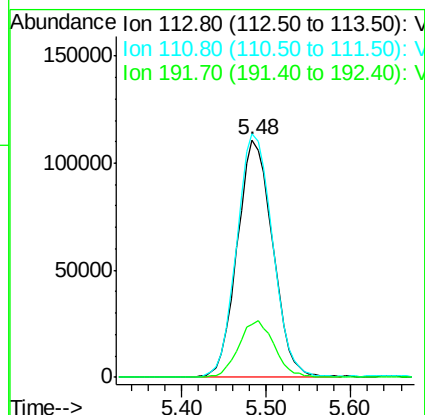
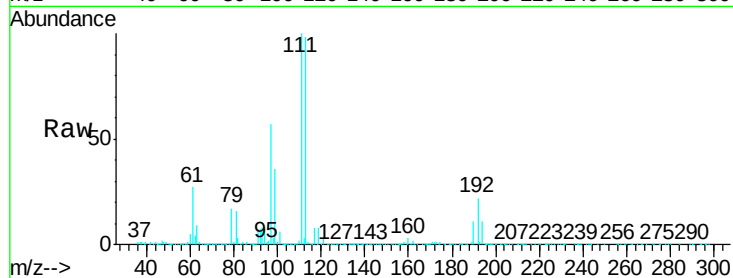




#35
Dibromofluoromethane
Concen: 55.435 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

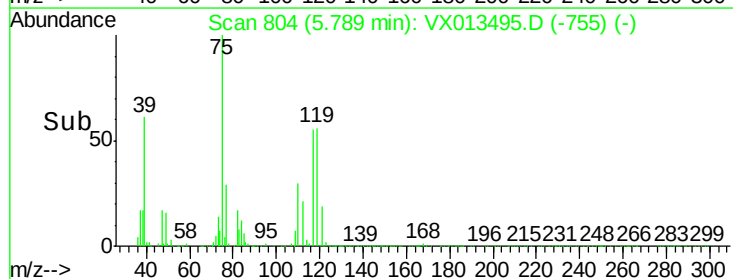
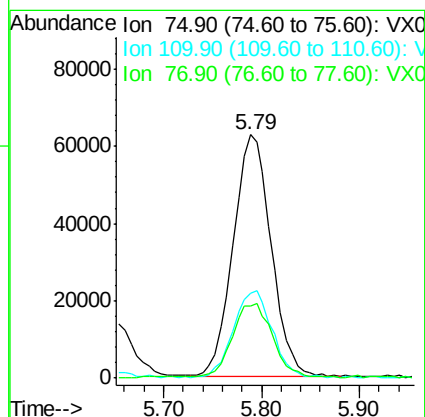
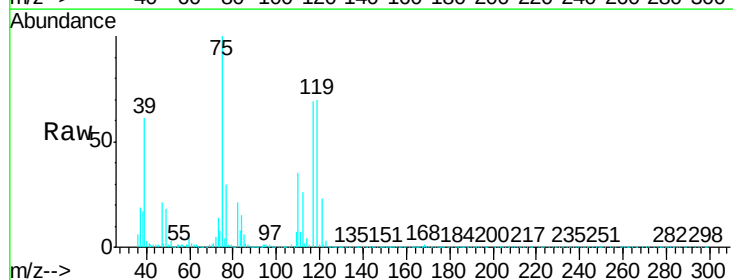
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

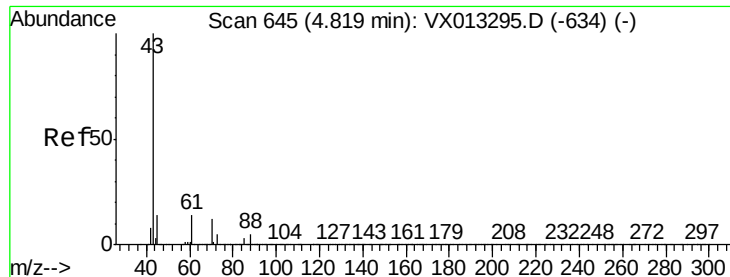
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	23.7	19.1	28.7



#36
1,1-Dichloropropene
Concen: 21.637 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.1
77	32.2	25.0	37.4

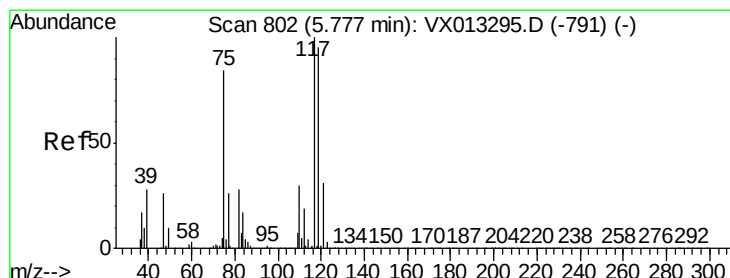
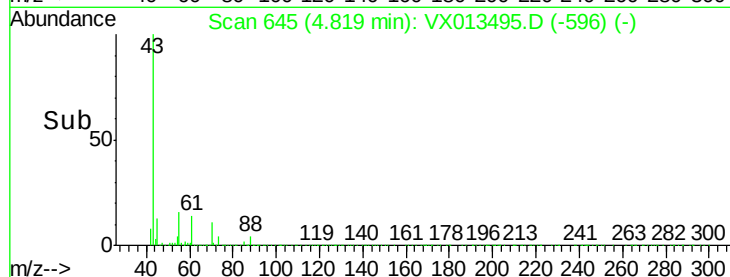
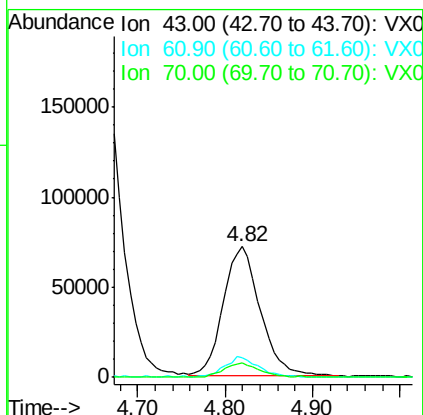
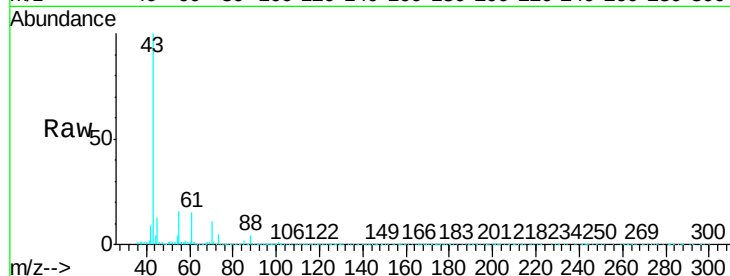




#37
Ethyl Acetate
Concen: 21.761 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

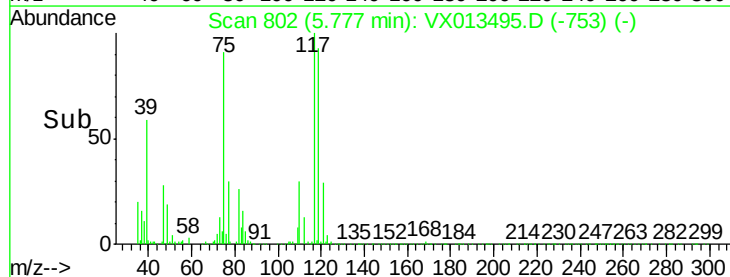
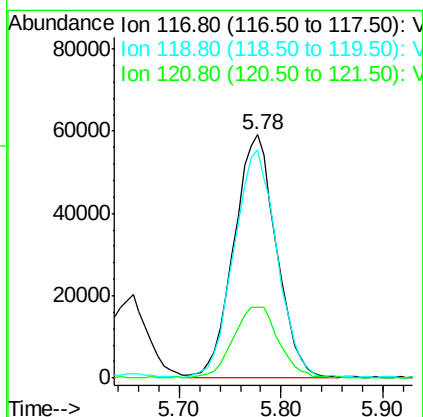
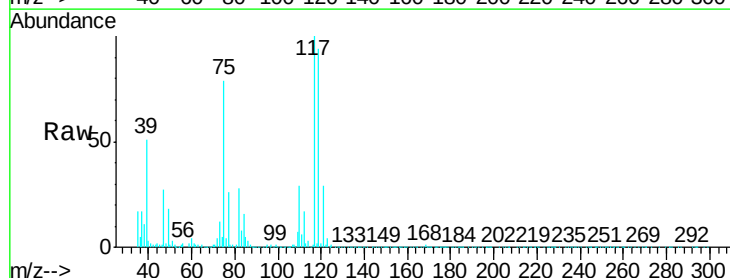
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

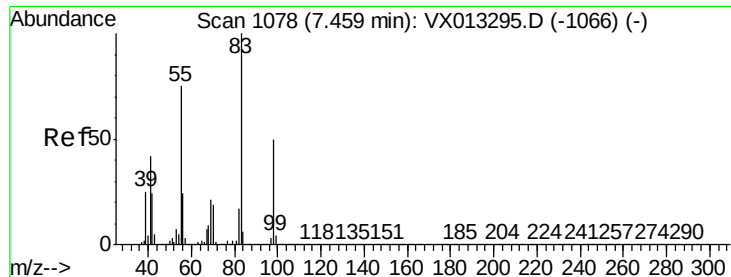
Tgt Ion: 43 Resp: 209714
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 22.339 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion: 117 Resp: 170372
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1
121 29.1 24.6 37.0

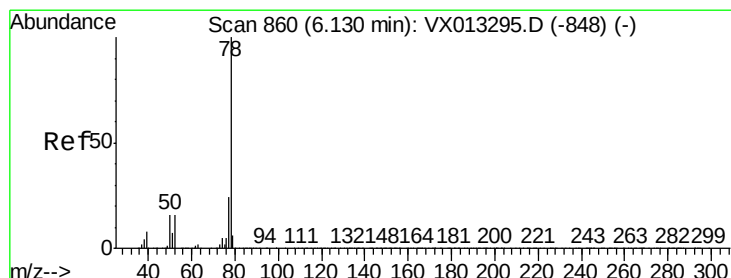
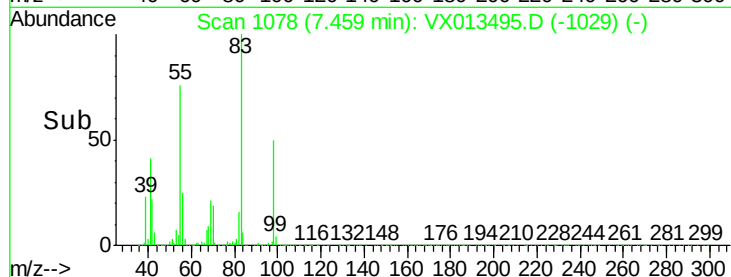
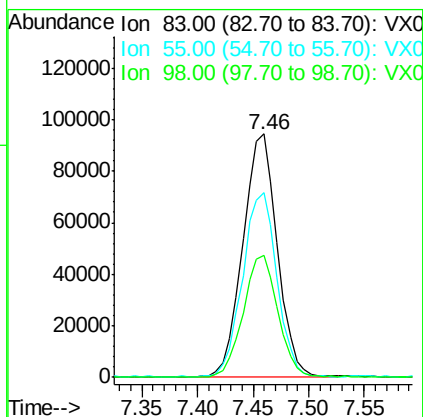
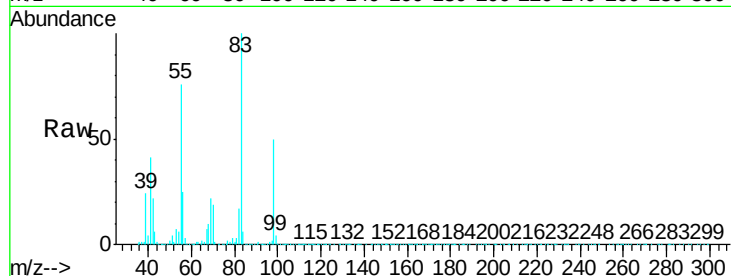




#39
Methylcyclohexane
Concen: 20.852 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

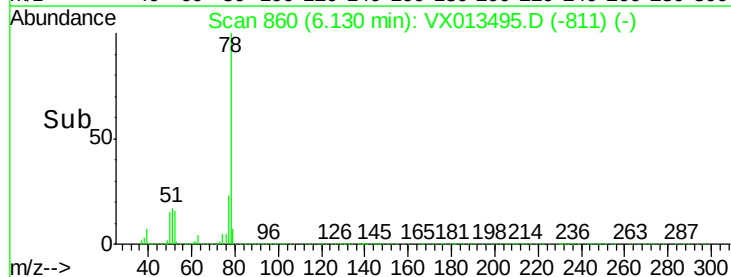
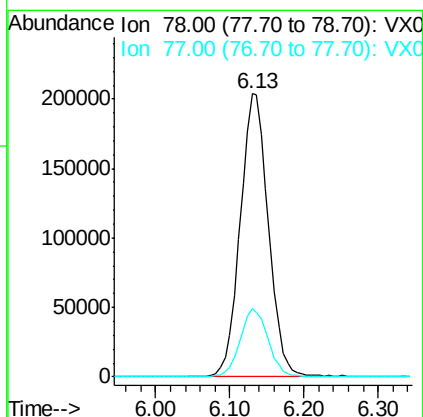
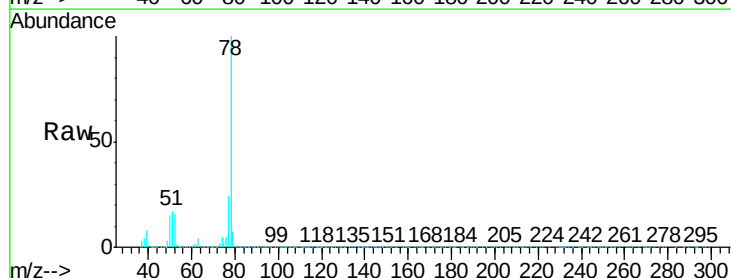
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

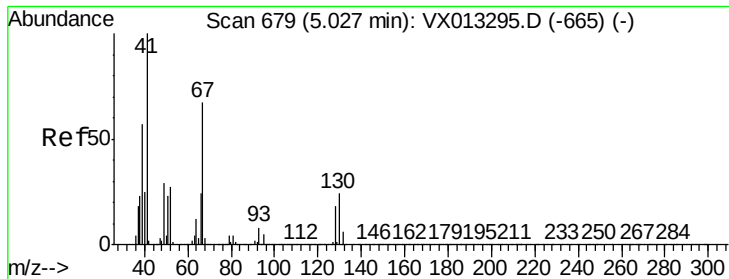
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.7	60.3	90.5
98	49.8	40.3	60.5



#40
Benzene
Concen: 22.178 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3

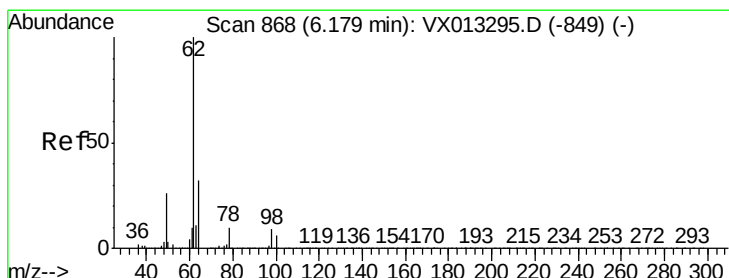
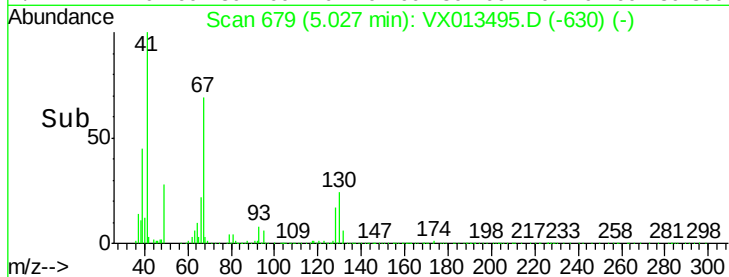
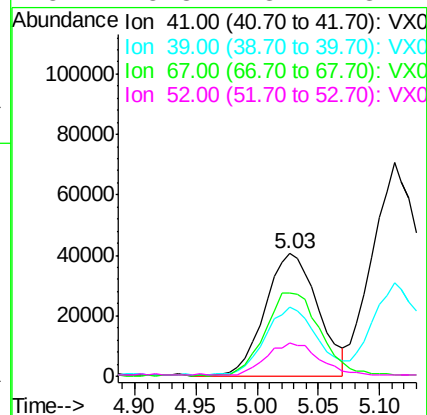
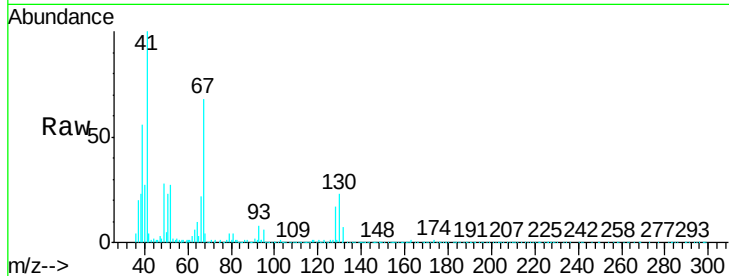




#41
Methacrylonitrile
Concen: 22.760 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

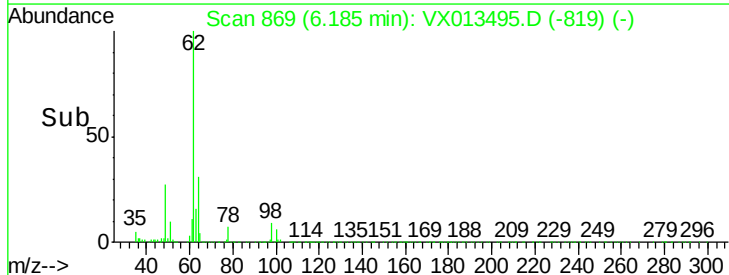
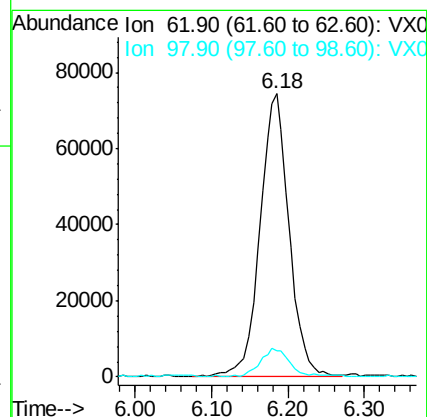
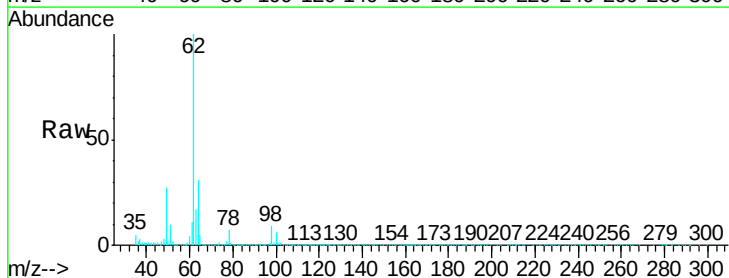
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

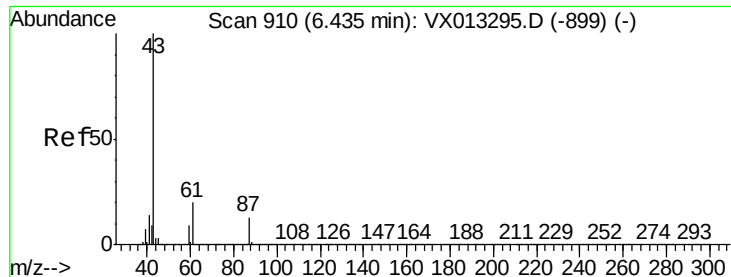
Tgt Ion:	41	Resp:	122942
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.0	67.6
67	70.1	55.4	83.2
52	25.8	23.1	34.7



#42
1,2-Dichloroethane
Concen: 22.226 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion:	62	Resp:	194772
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 23.219 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

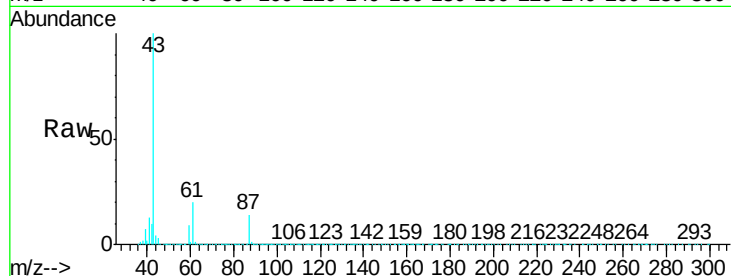
Tgt Ion: 43 Resp: 348444

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

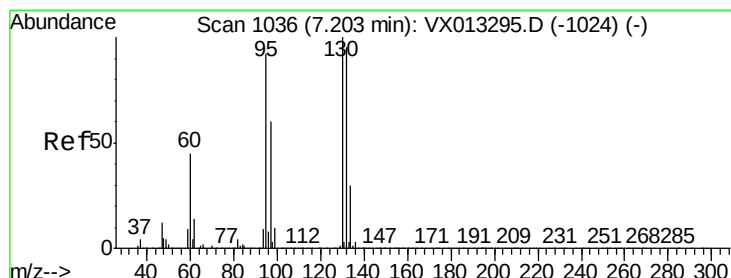
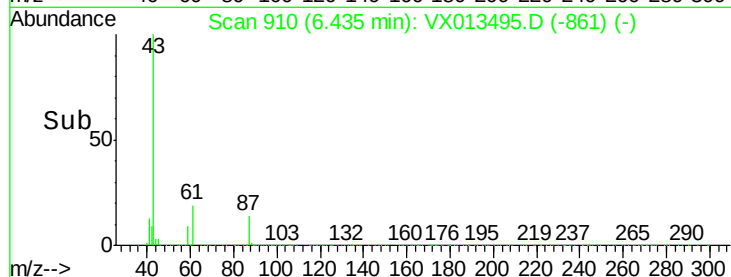
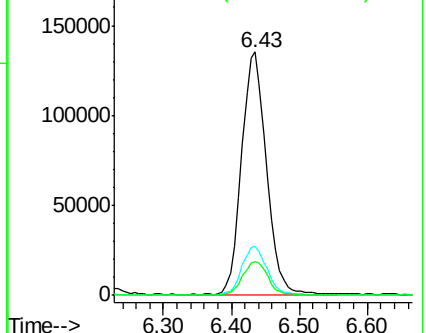
87 13.7 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.653 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013495.D

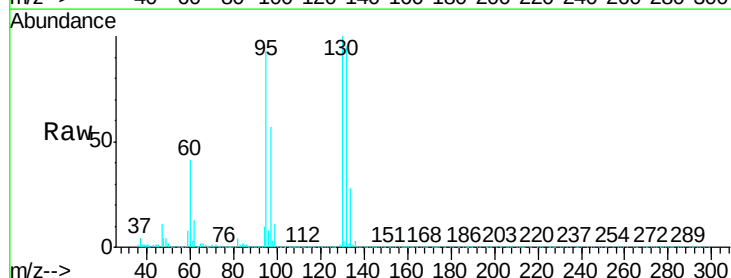
Acq: 21 Nov 2019 12:07

Tgt Ion: 130 Resp: 144805

Ion Ratio Lower Upper

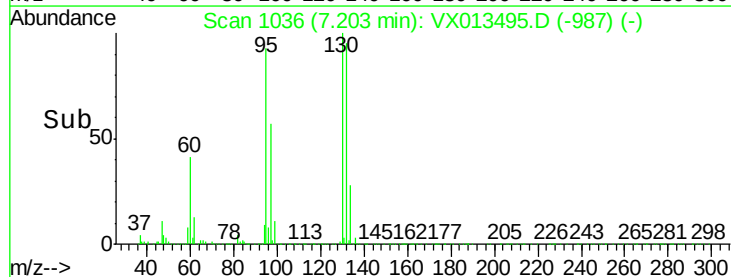
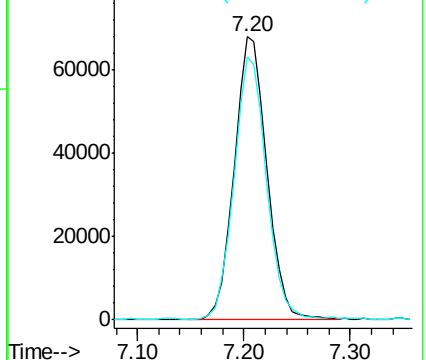
130 100

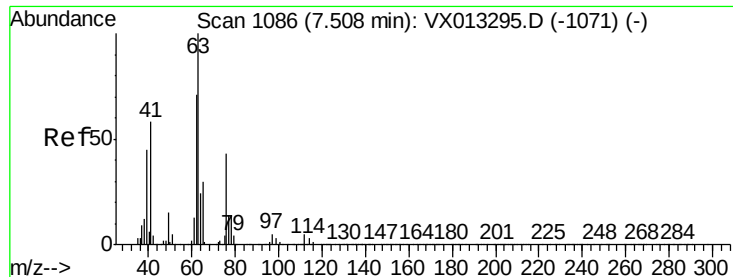
95 92.9 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 22.295 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

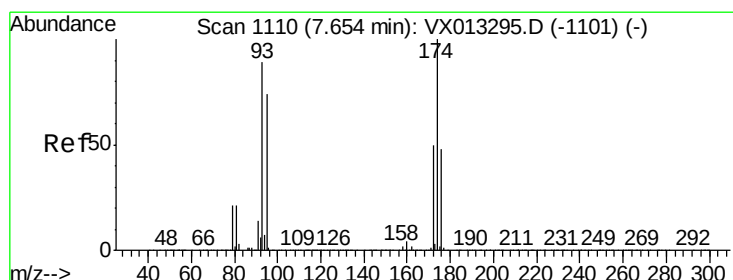
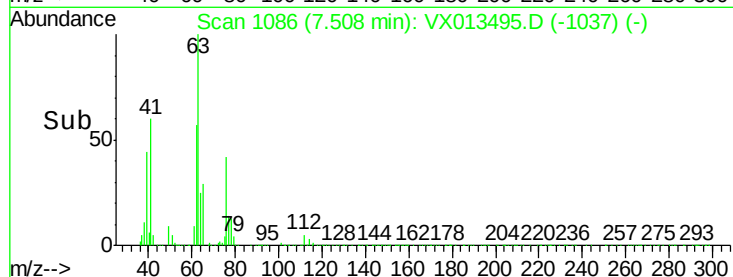
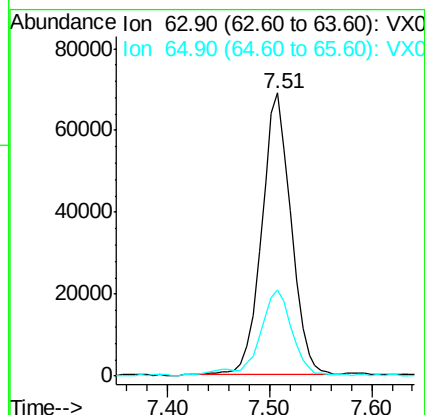
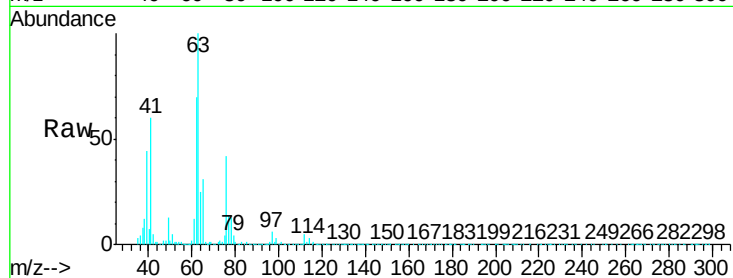
VX1121WBS01

Tgt Ion: 63 Resp: 138007

Ion Ratio Lower Upper

63 100

65 30.2 24.3 36.5



#46

Dibromomethane

Concen: 22.078 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

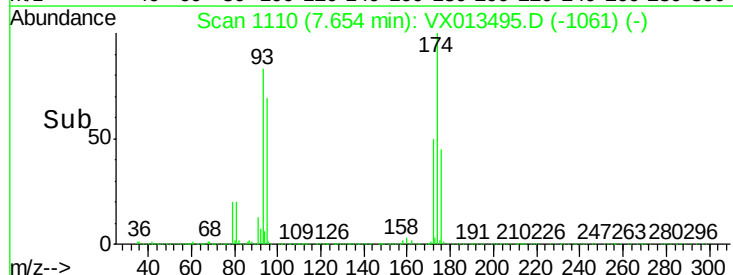
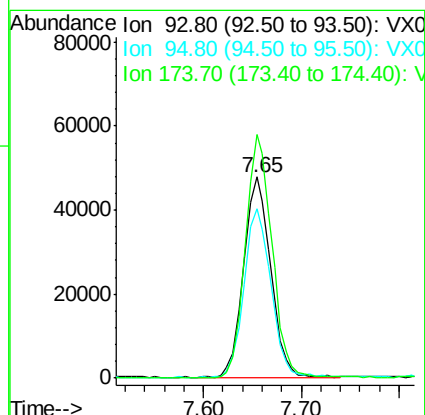
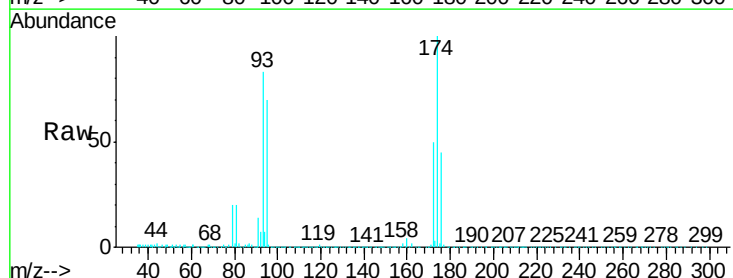
Tgt Ion: 93 Resp: 93310

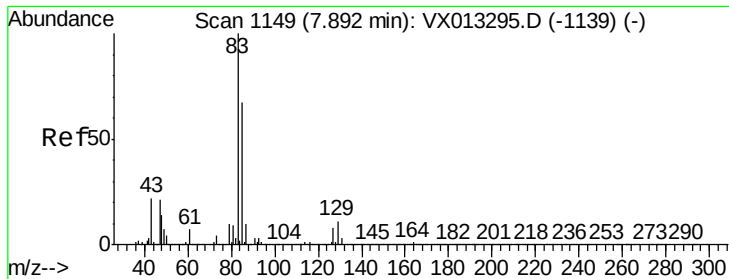
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 117.1 90.4 135.6





#47

Bromodichloromethane

Concen: 23.041 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

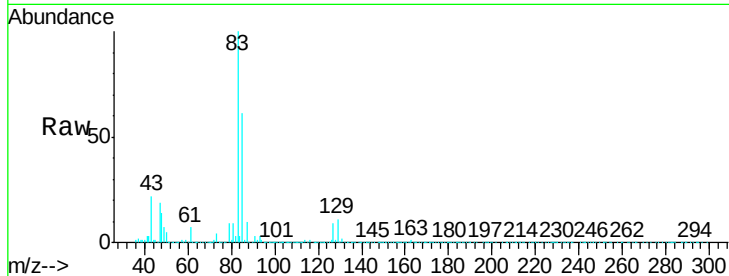
Tgt Ion: 83 Resp: 183635

Ion Ratio Lower Upper

83 100

85 61.1 53.7 80.5

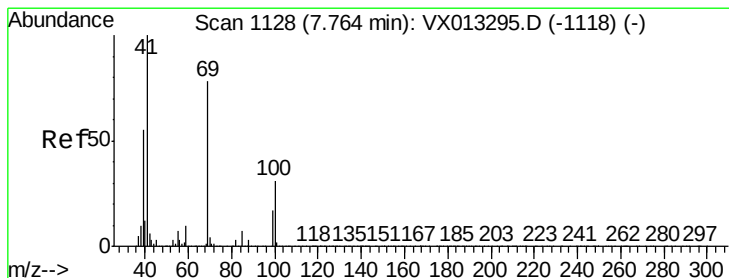
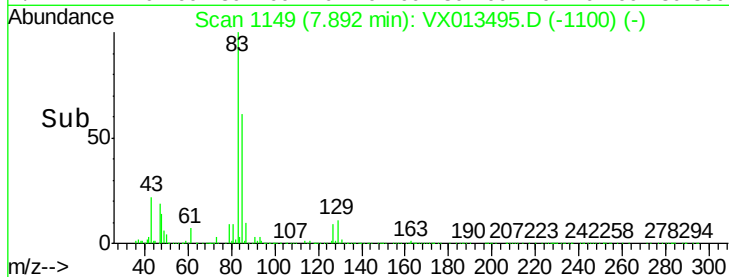
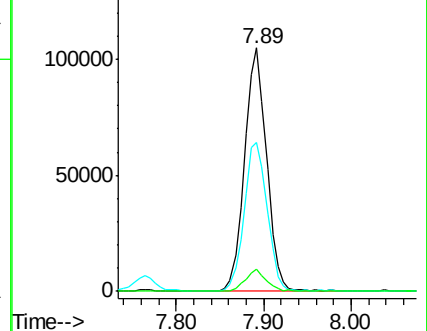
127 8.9 6.4 9.6



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: 22.773 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

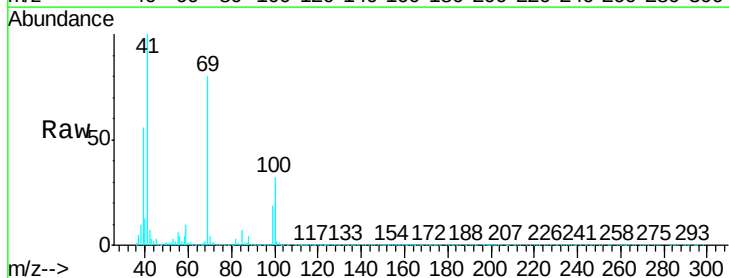
Tgt Ion: 41 Resp: 170597

Ion Ratio Lower Upper

41 100

69 81.6 63.0 94.6

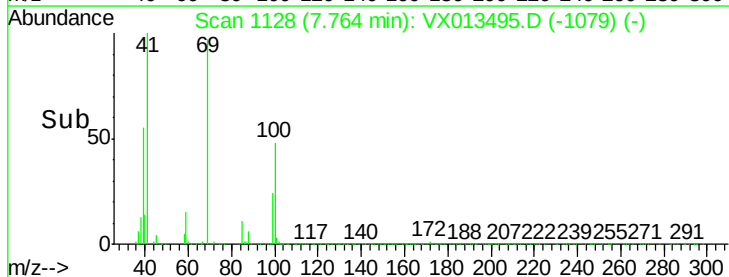
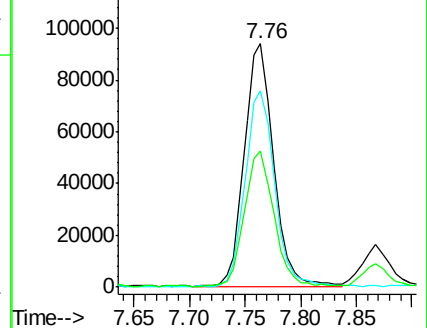
39 56.2 45.9 68.9

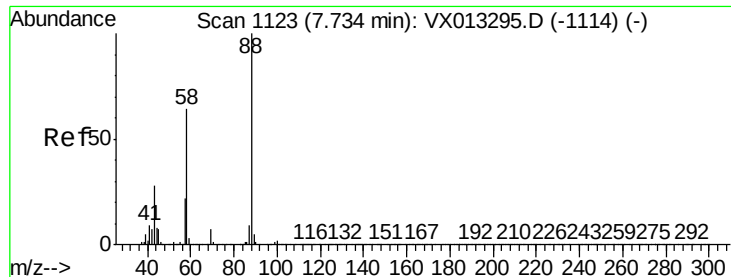


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

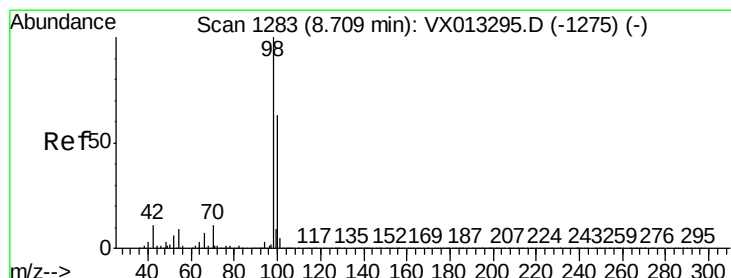
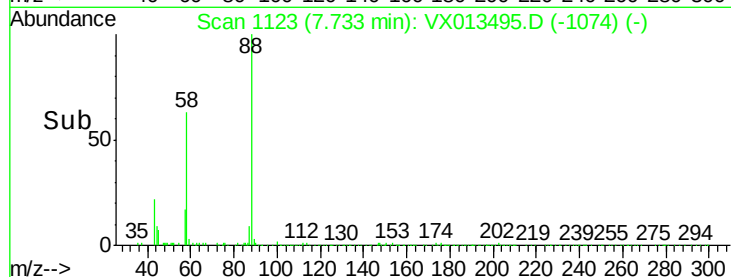
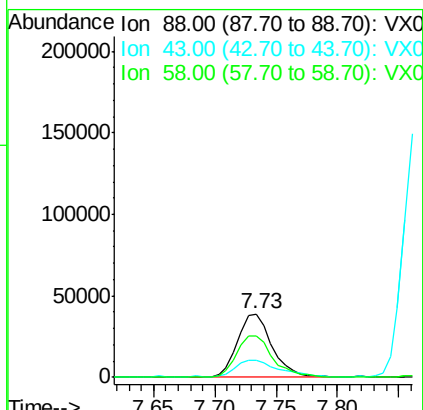
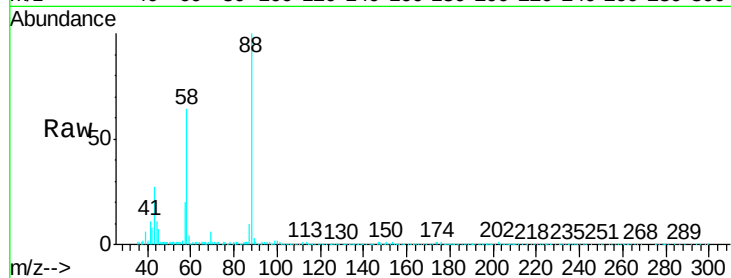




#49
1,4-Dioxane
Concen: 438.961 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

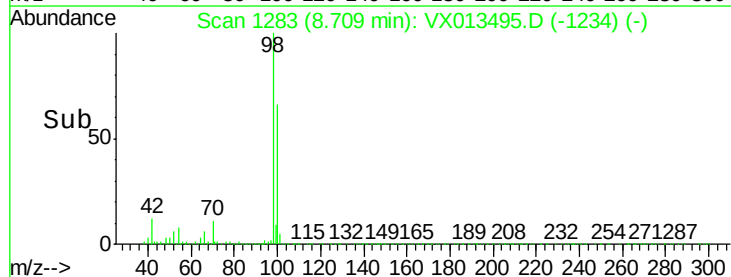
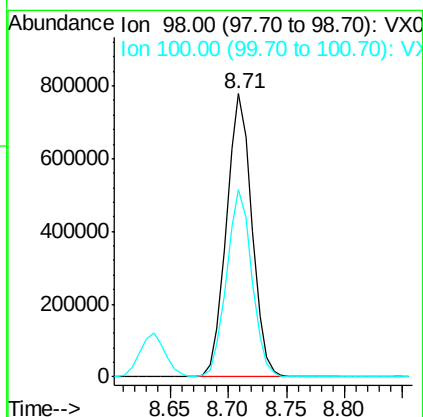
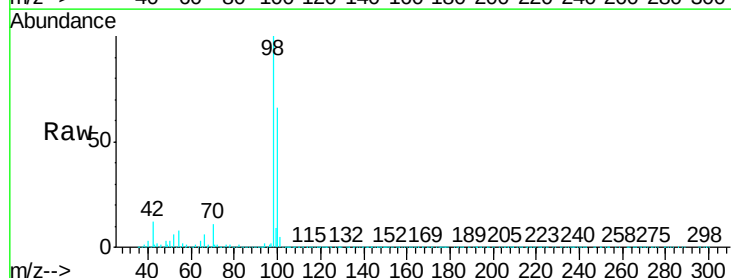
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

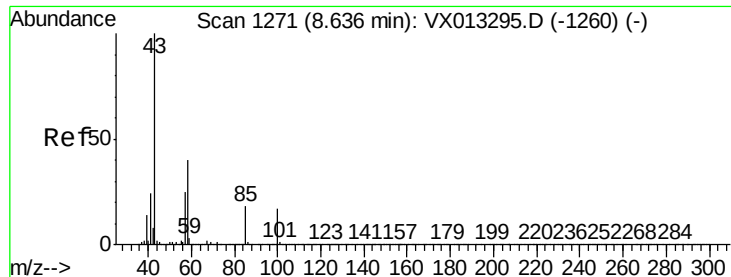
Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.6	39.8
58	71.1	55.0	82.6



#50
Toluene-d8
Concen: 54.886 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2

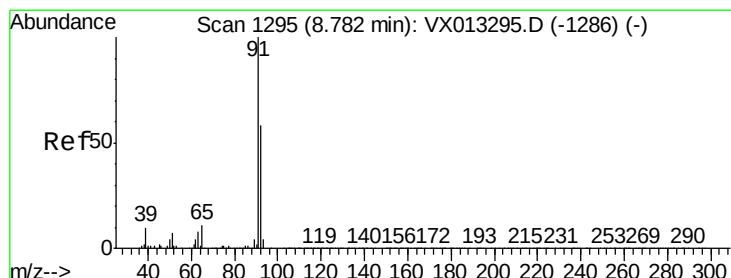
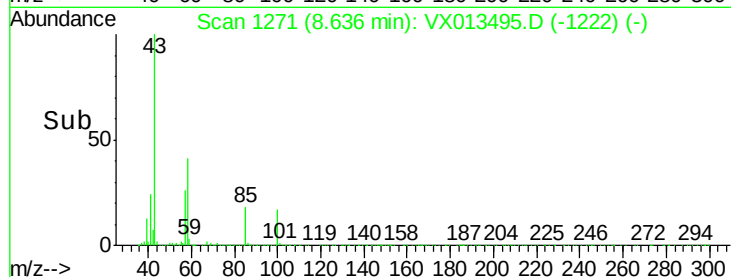
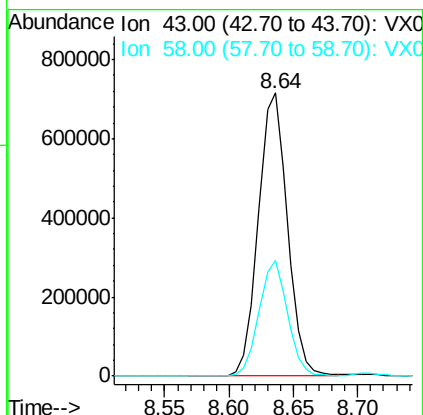
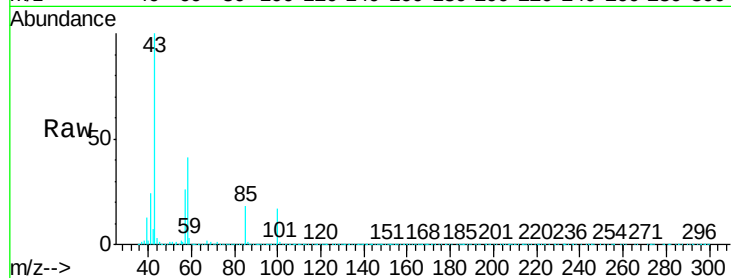




#51
 4-Methyl-2-Pentanone
 Concen: 112.642 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

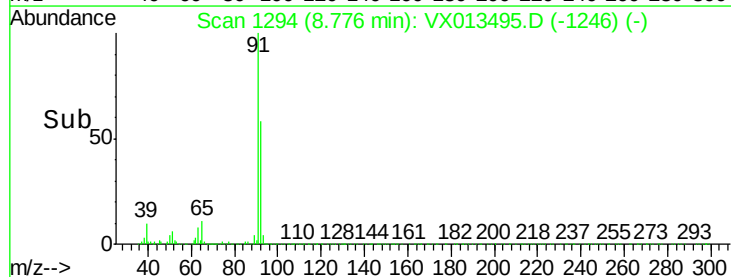
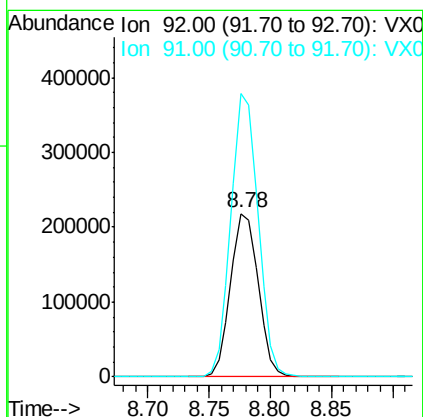
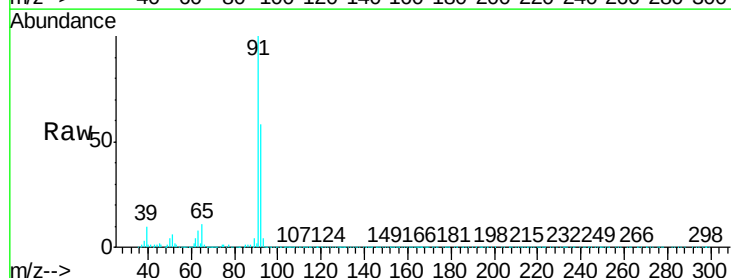
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

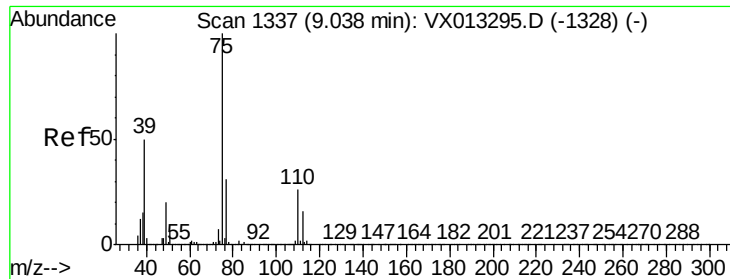
Tgt Ion: 43 Resp: 1109058
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.4 47.0



#52
 Toluene
 Concen: 22.793 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion: 92 Resp: 343201
 Ion Ratio Lower Upper
 92 100
 91 170.7 138.0 207.0

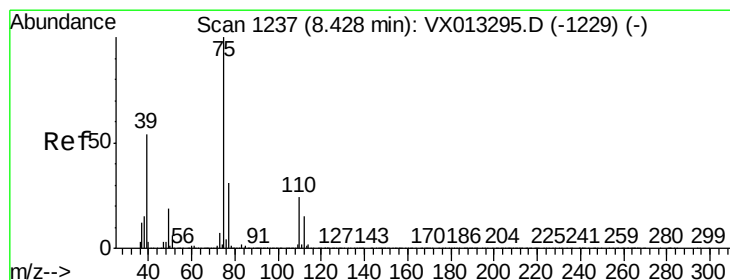
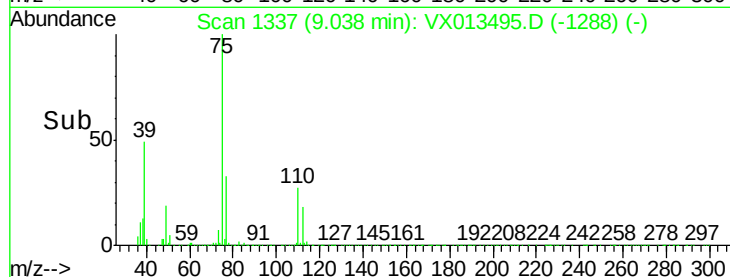
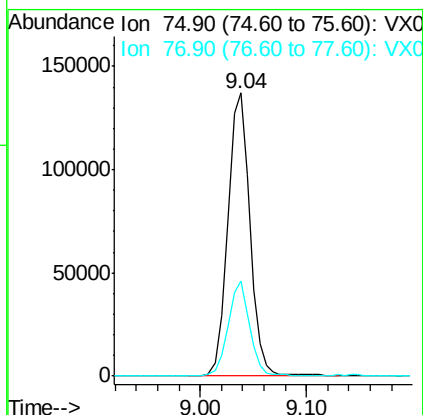
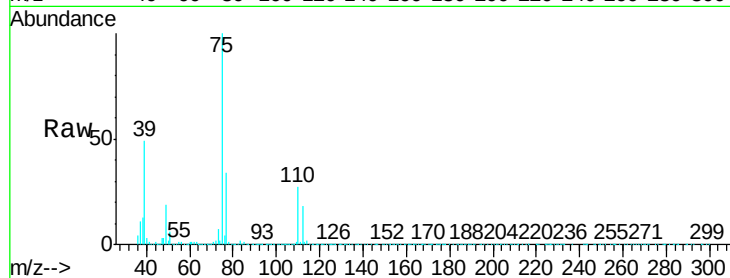




#53
t-1,3-Dichloropropene
Concen: 22.926 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

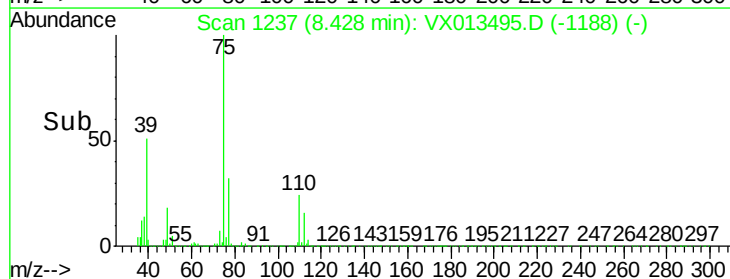
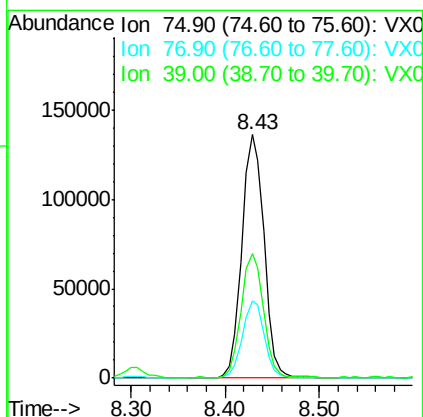
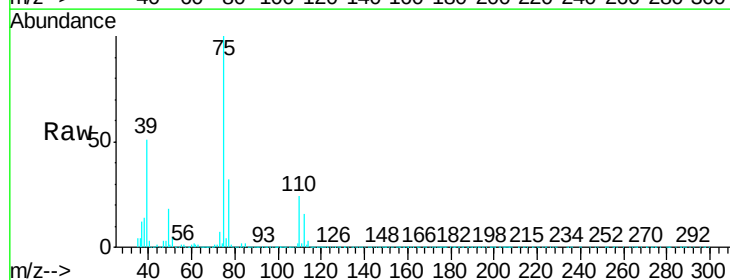
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

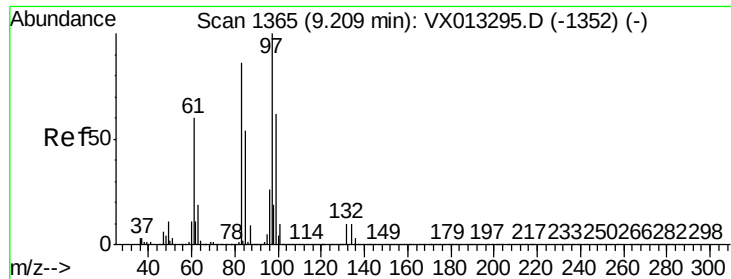
Tgt Ion: 75 Resp: 199803
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 22.965 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion: 75 Resp: 223877
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
39 50.7 43.0 64.6

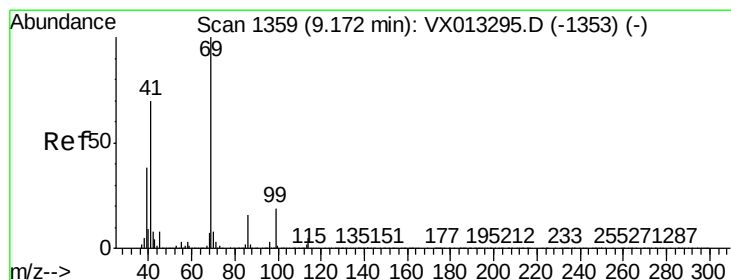
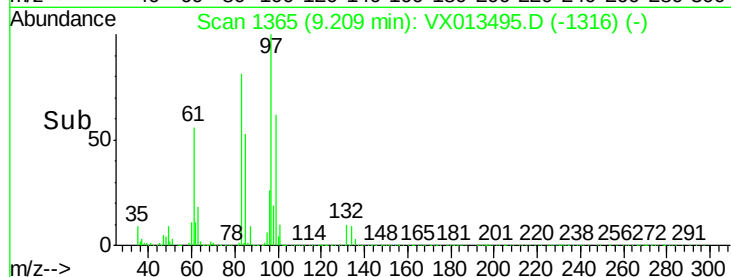
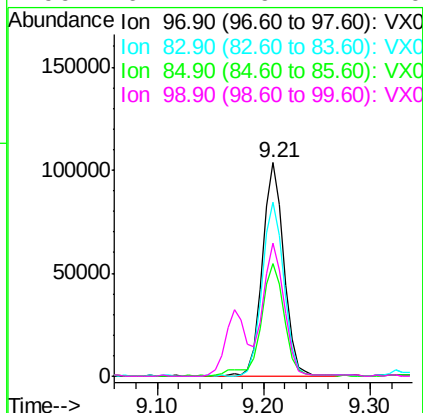
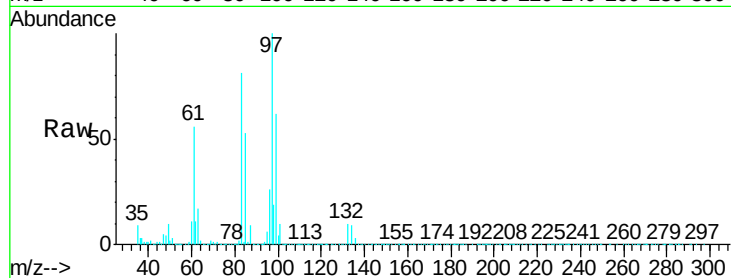




#55
 1,1,2-Trichloroethane
 Concen: 23.695 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

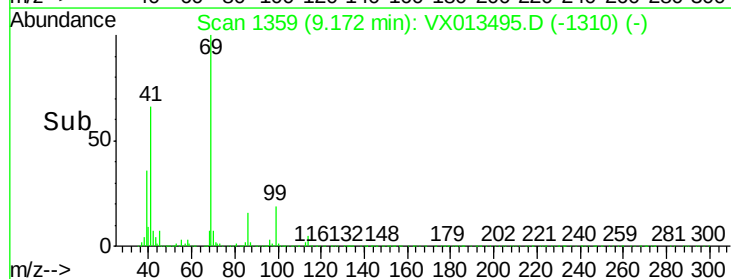
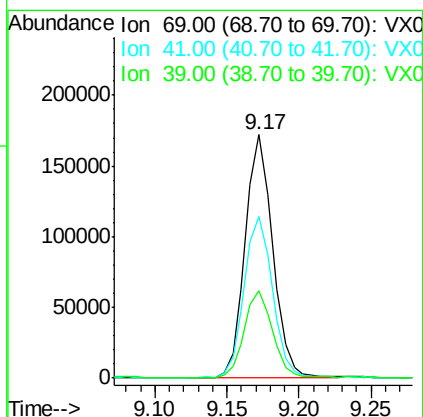
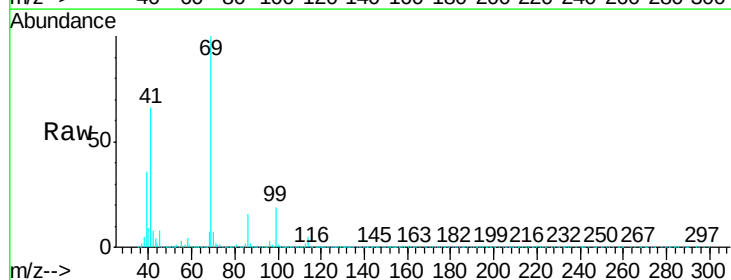
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

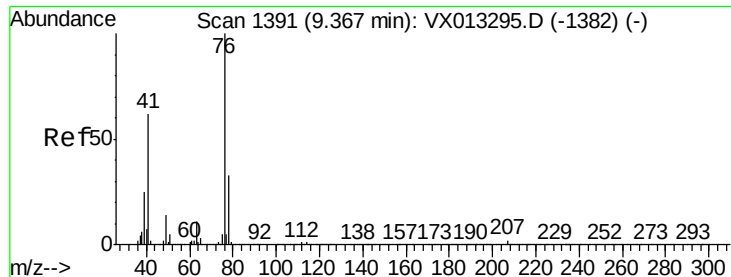
Tgt Ion:	97	Resp:	147884
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.6	103.0
85	52.2	43.1	64.7
99	62.1	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 22.249 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion:	69	Resp:	227517
Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.2	84.2
39	36.2	31.1	46.7

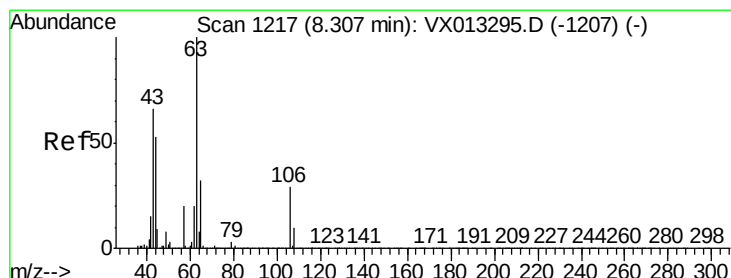
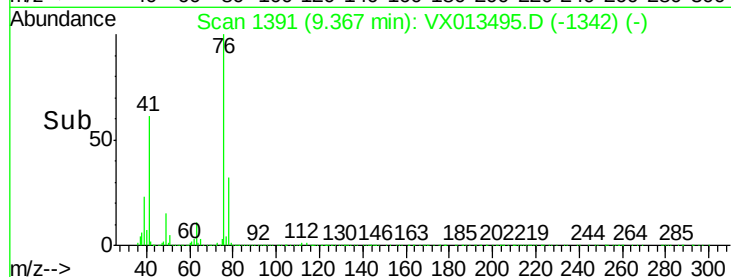
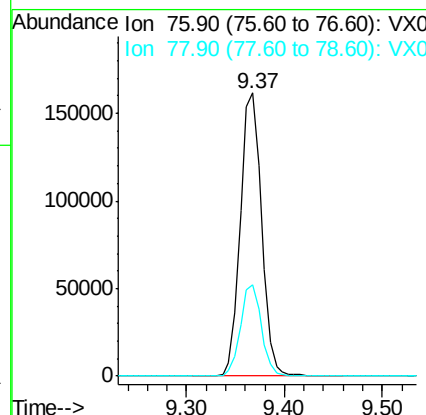
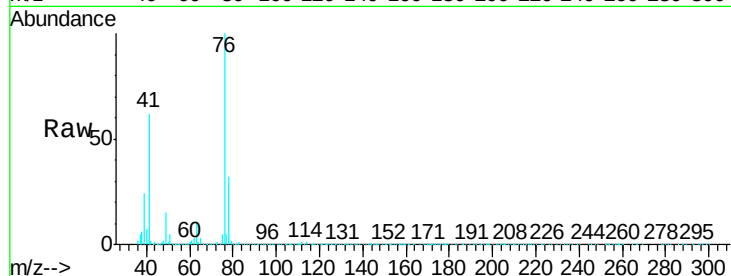




#57
 1,3-Dichloropropane
 Concen: 23.120 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

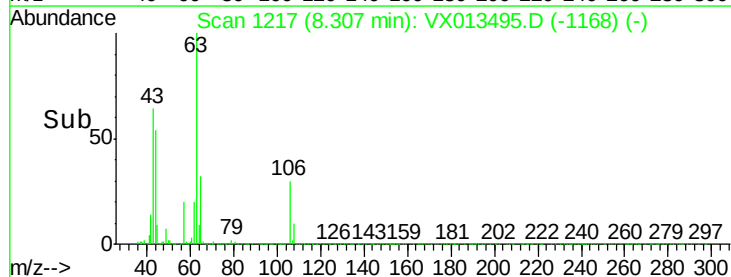
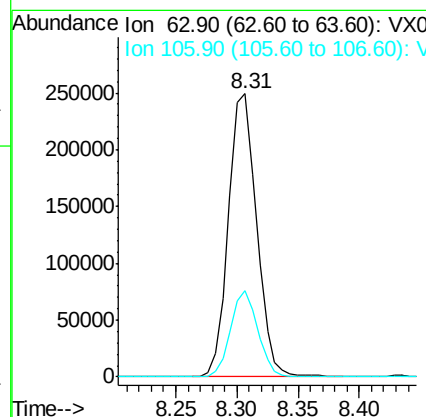
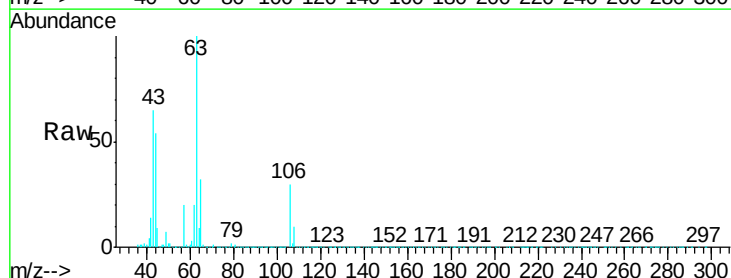
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

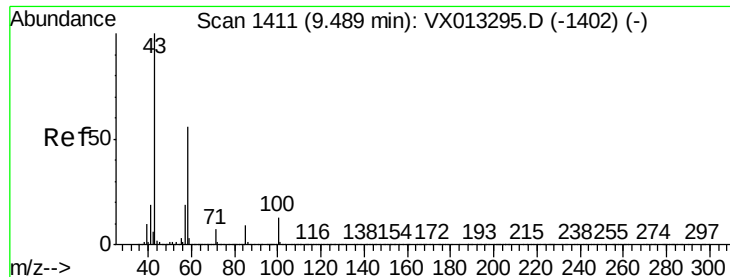
Tgt Ion: 76 Resp: 244946
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.786 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion: 63 Resp: 395958
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.4 35.2

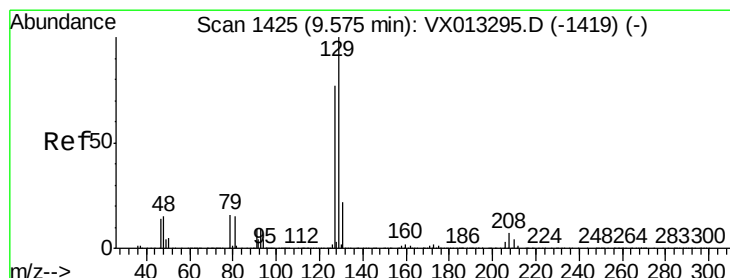
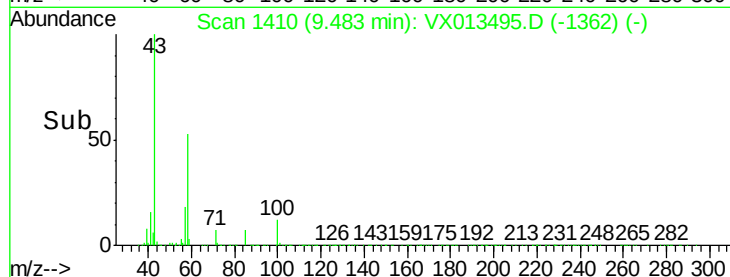
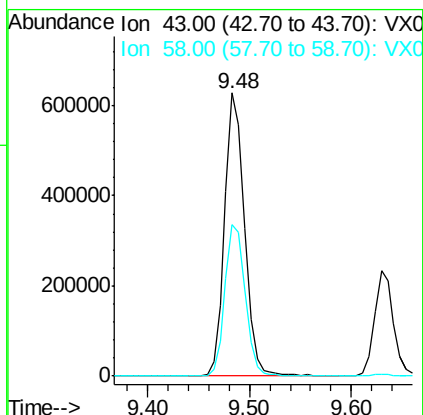
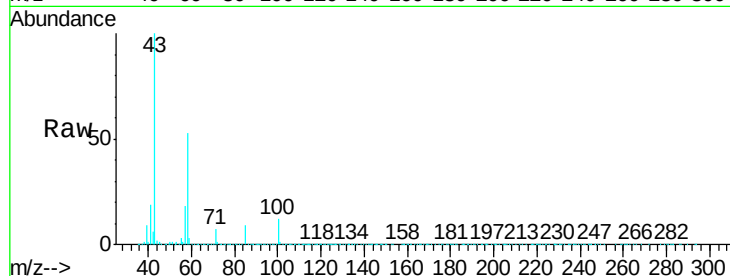




#59
2-Hexanone
Concen: 111.749 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

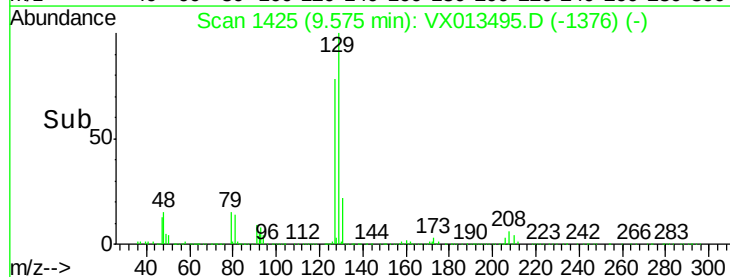
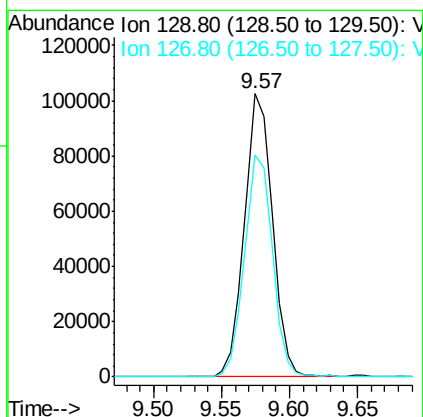
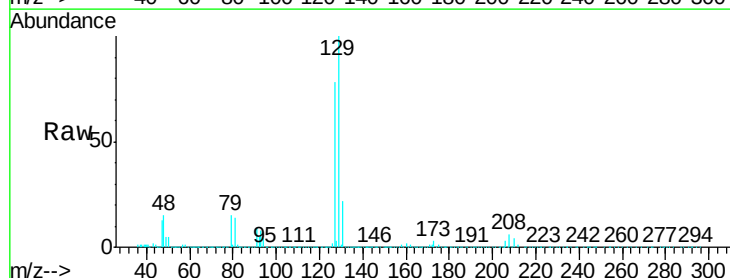
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

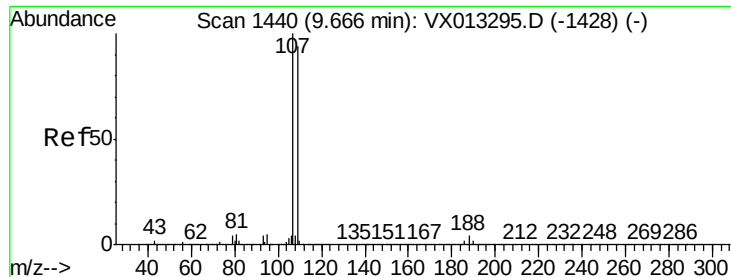
Tgt Ion: 43 Resp: 850264
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 23.363 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion: 129 Resp: 149127
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.785 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

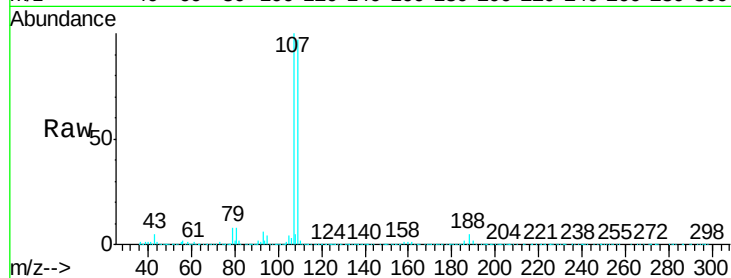
VX1121WBS01

Tgt Ion: 107 Resp: 151007

Ion Ratio Lower Upper

107 100

109 93.0 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

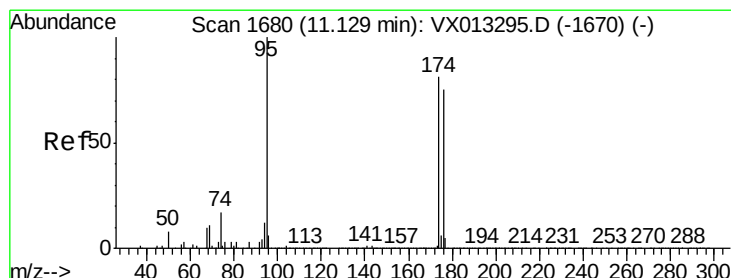
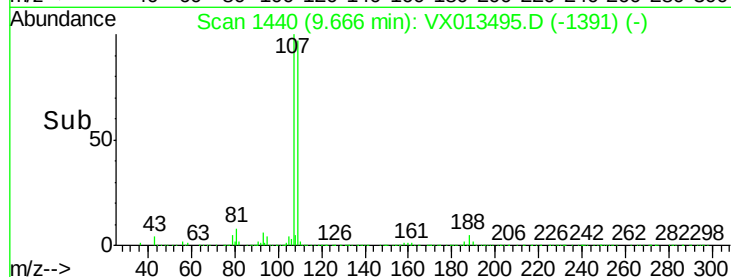
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.336 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

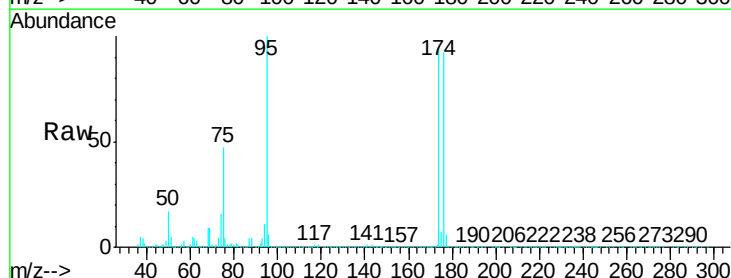
Tgt Ion: 95 Resp: 421552

Ion Ratio Lower Upper

95 100

174 89.7 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

400000

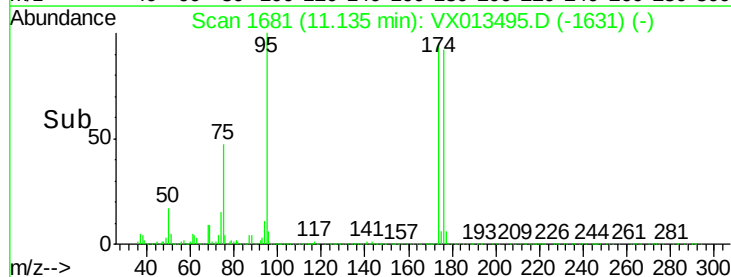
300000

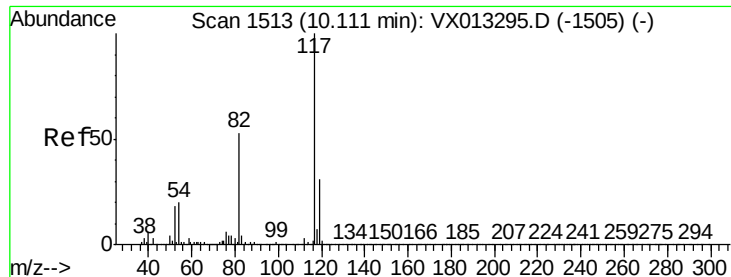
200000

100000

0

Time-->

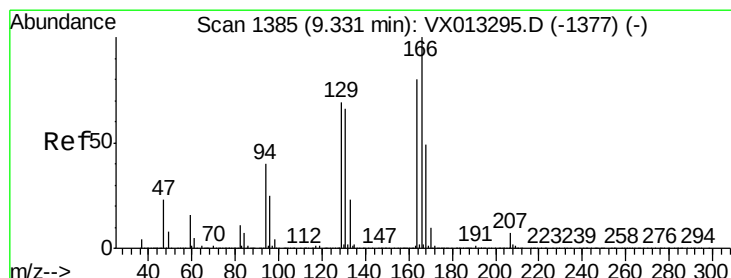
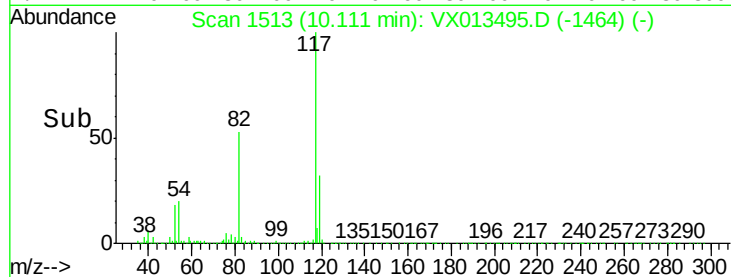
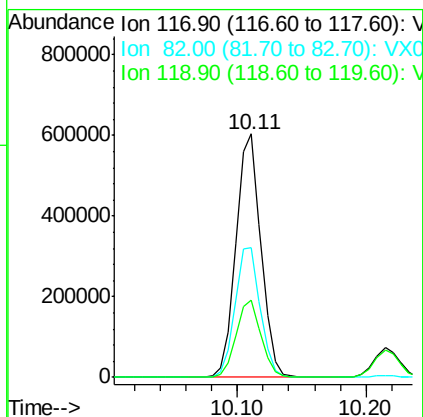
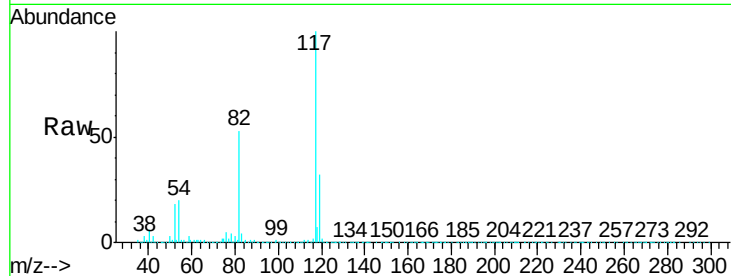




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

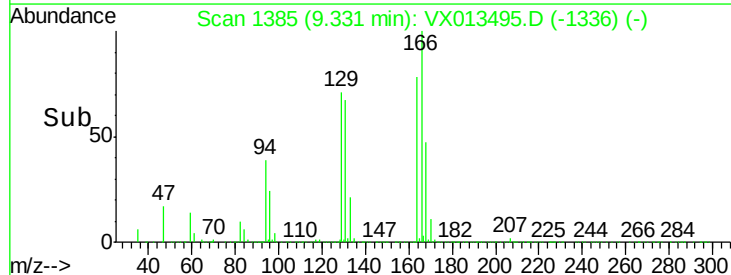
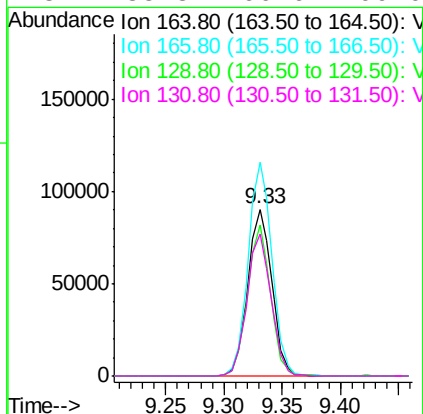
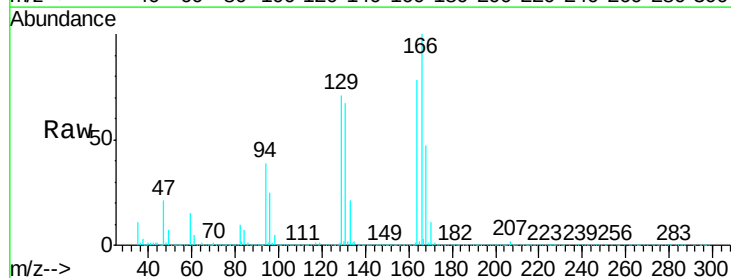
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

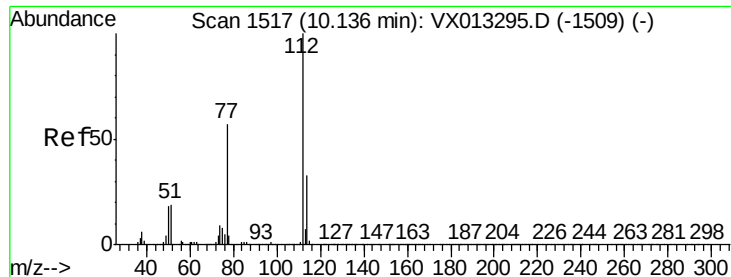
Tgt Ion:117 Resp: 811149
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 22.672 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion:164 Resp: 131653
Ion Ratio Lower Upper
164 100
166 127.9 100.4 150.6
129 90.1 69.4 104.2
131 85.3 66.6 100.0





#65

Chlorobenzene

Concen: 22.551 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

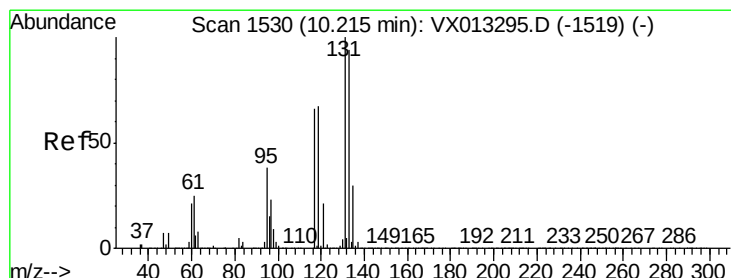
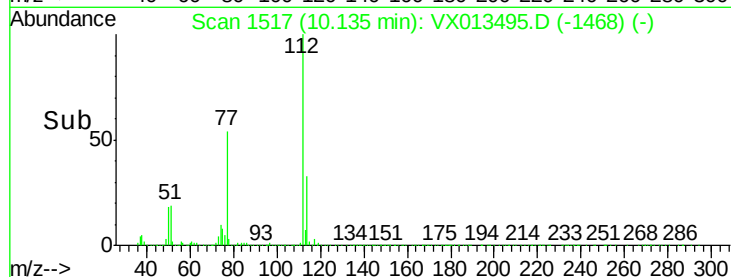
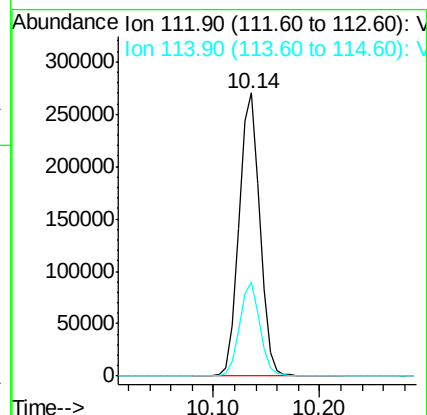
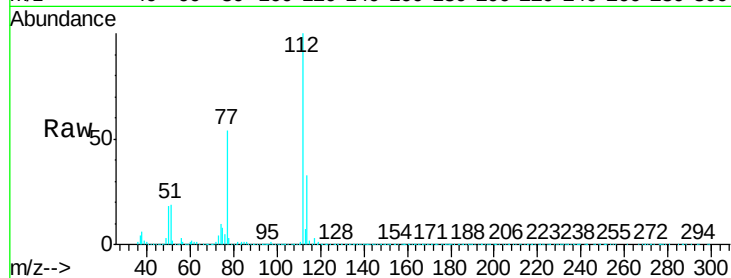
VX1121WBS01

Tgt Ion:112 Resp: 370330

Ion Ratio Lower Upper

112 100

114 33.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 23.214 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

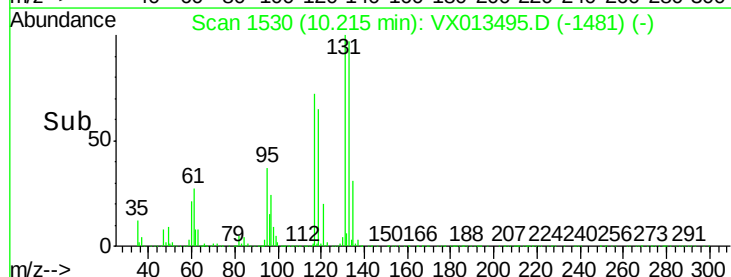
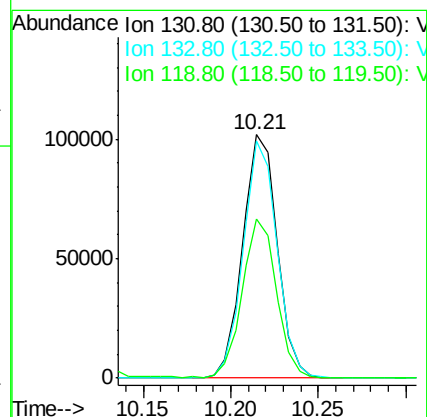
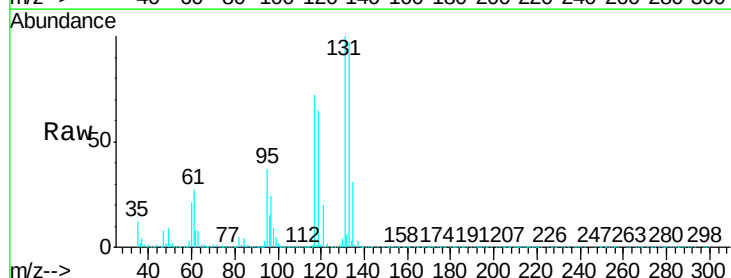
Tgt Ion:131 Resp: 139974

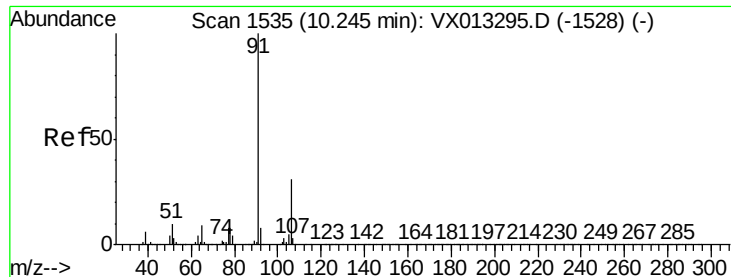
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

119 65.1 33.0 99.0





#67

Ethyl Benzene

Concen: 22.612 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

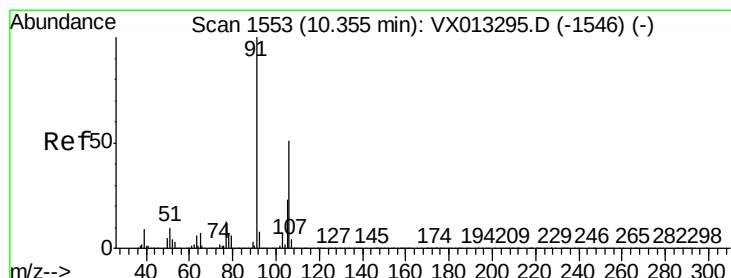
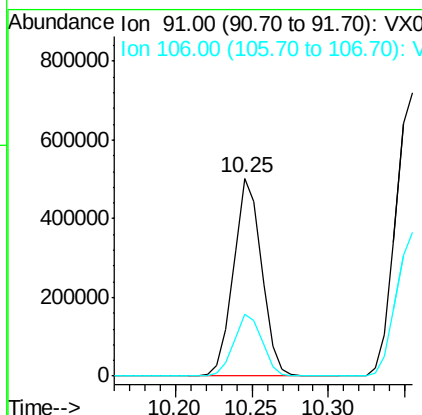
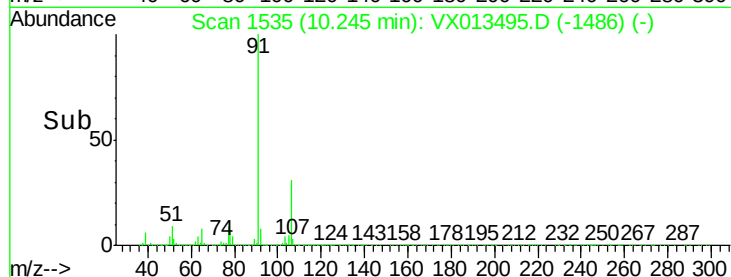
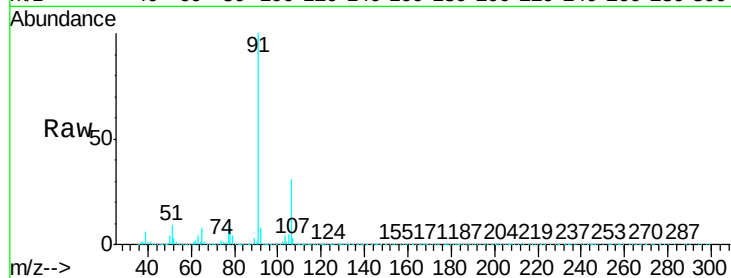
VX1121WBS01

Tgt Ion: 91 Resp: 640892

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 44.851 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013495.D

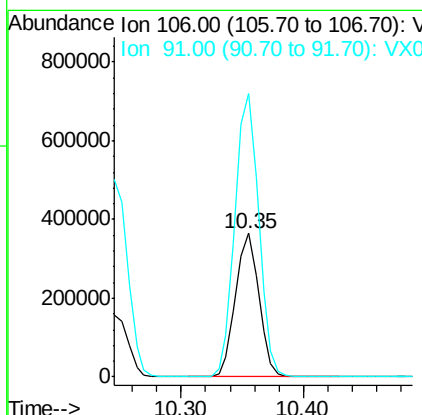
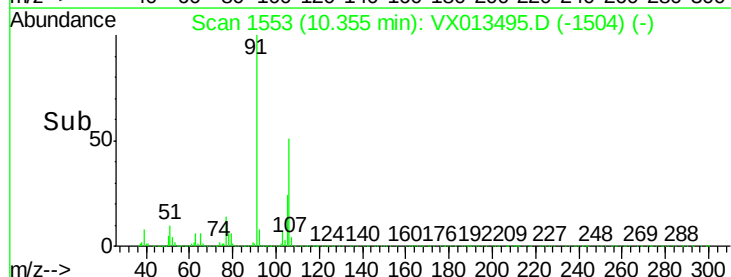
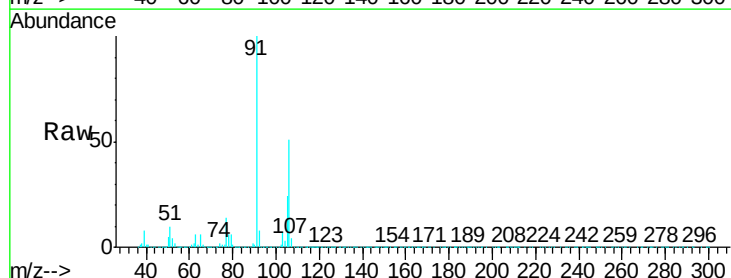
Acq: 21 Nov 2019 12:07

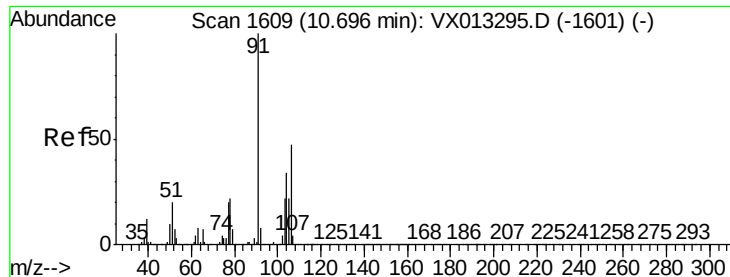
Tgt Ion: 106 Resp: 480752

Ion Ratio Lower Upper

106 100

91 201.0 159.3 238.9

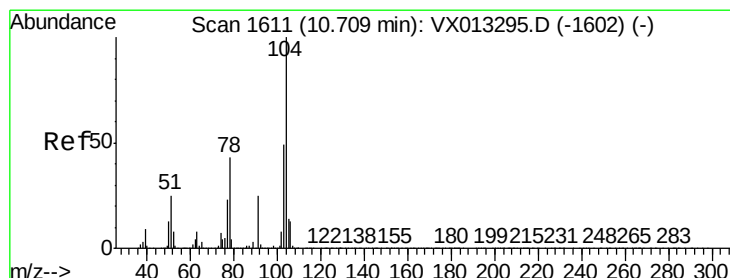
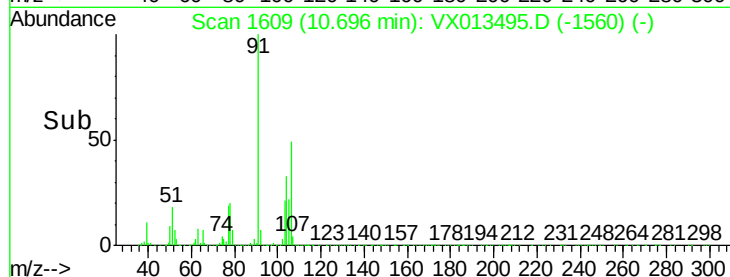
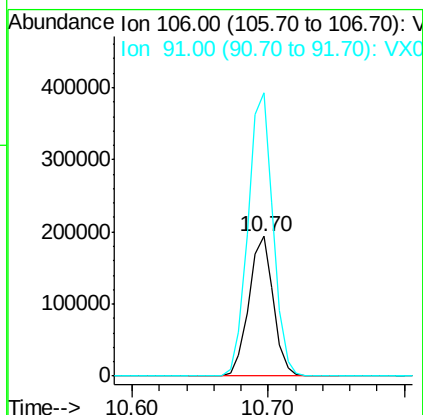
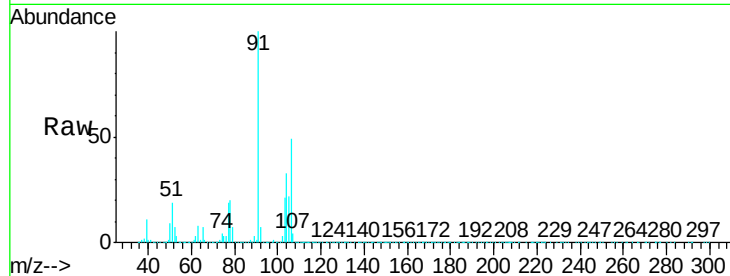




#69
o-Xylene
Concen: 23.243 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

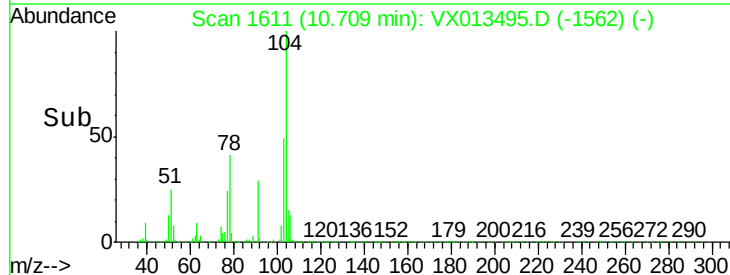
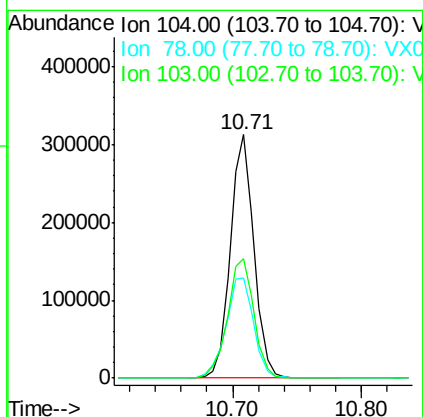
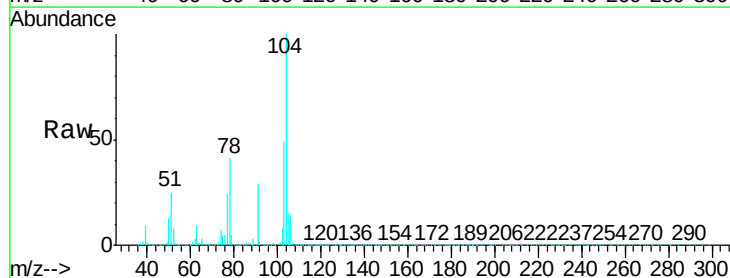
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

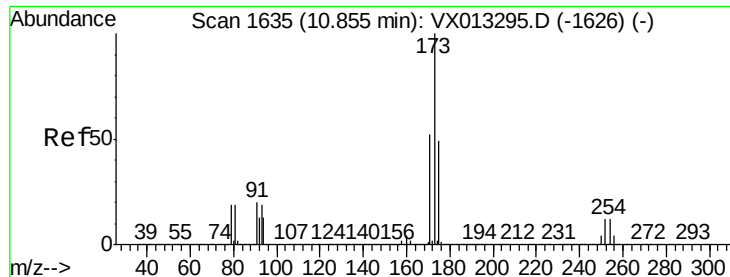
Tgt Ion:106 Resp: 243915
Ion Ratio Lower Upper
106 100
91 207.8 105.7 317.0



#70
Styrene
Concen: 22.887 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion:104 Resp: 401486
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 55.1 44.1 66.1

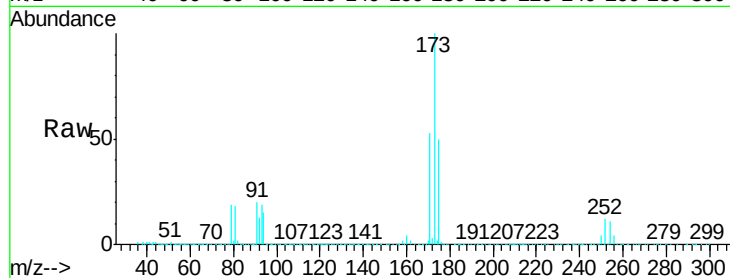




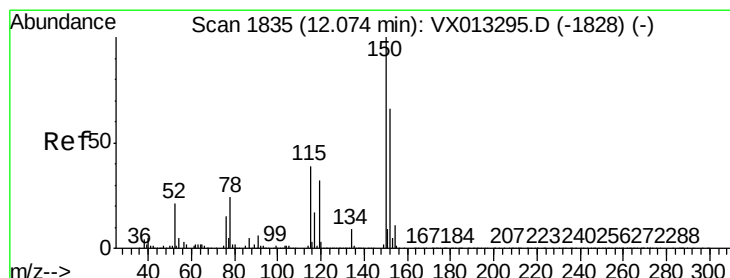
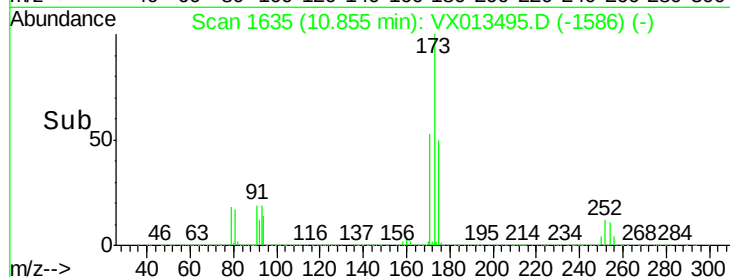
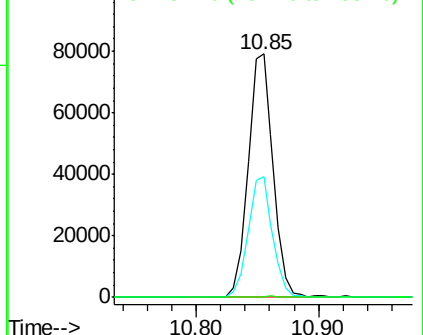
#71
Bromoform
Concen: 21.831 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Instrument :
MSVOA_X
ClientSampled :
VX1121WBS01

Tgt Ion:173 Resp: 111272
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.4
254 0.2 0.2 0.2

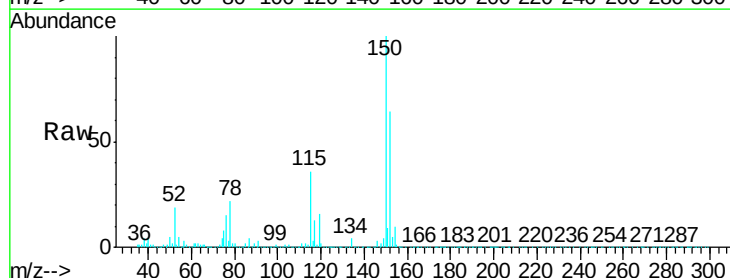


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

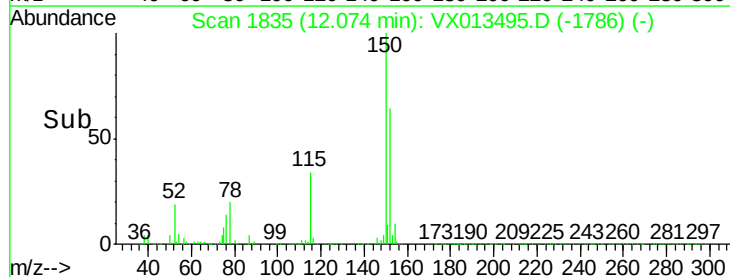
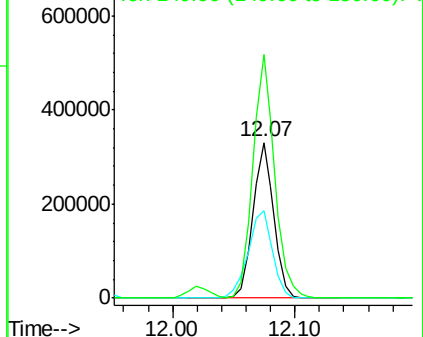


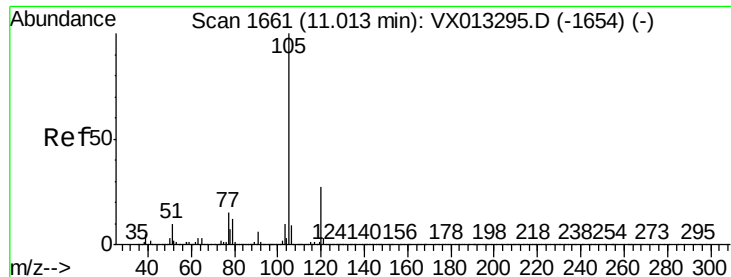
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion:152 Resp: 389774
Ion Ratio Lower Upper
152 100
115 66.3 39.5 118.3
150 164.9 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 24.770 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

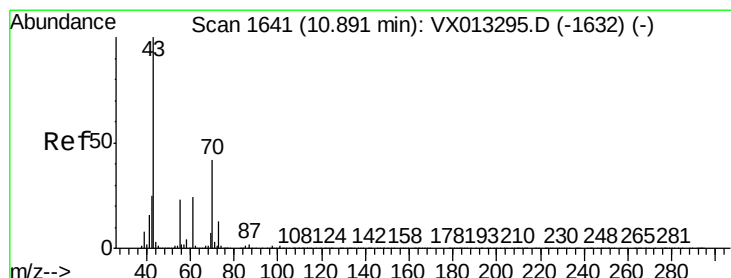
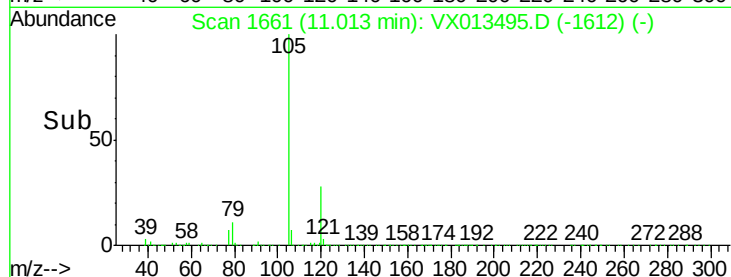
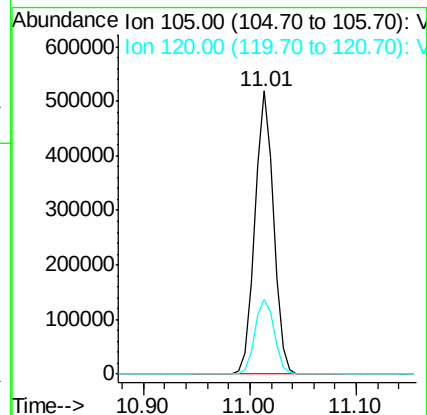
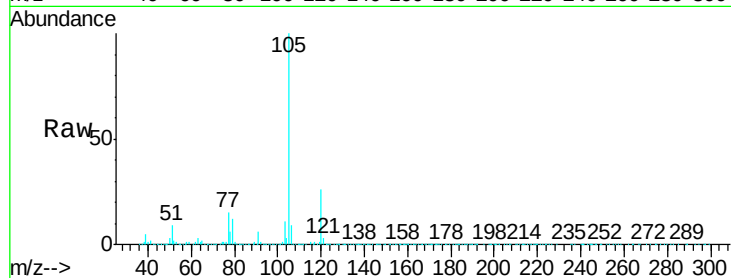
VX1121WBS01

Tgt Ion: 105 Resp: 640121

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 24.681 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Tgt Ion: 43 Resp: 295778

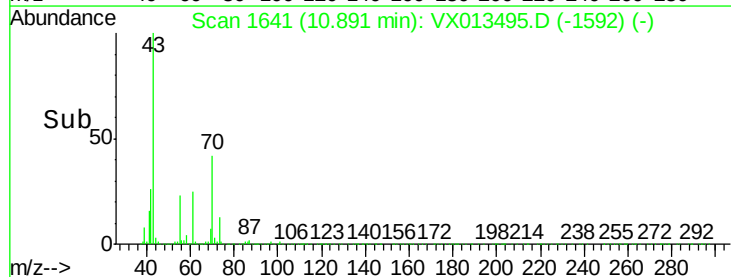
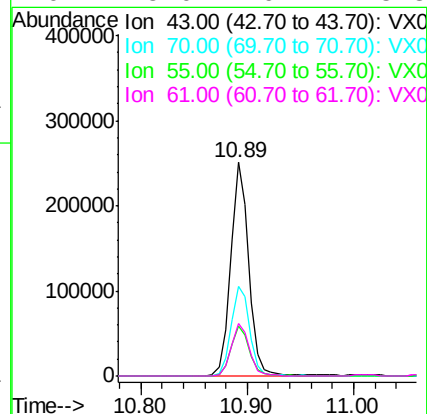
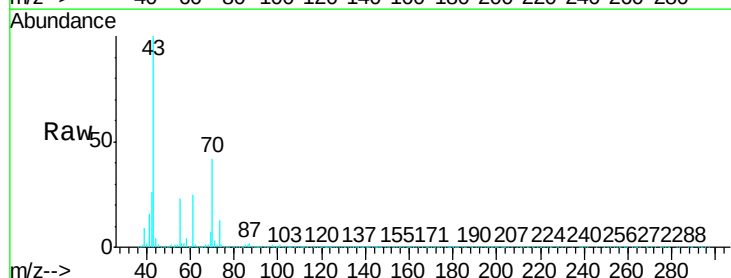
Ion Ratio Lower Upper

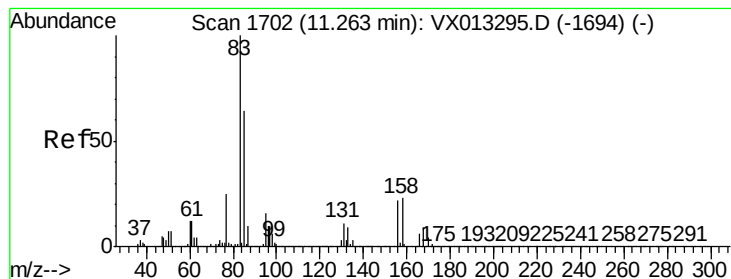
43 100

70 44.0 34.1 51.1

55 24.5 18.9 28.3

61 25.0 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 24.826 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampled :

VX1121WBS01

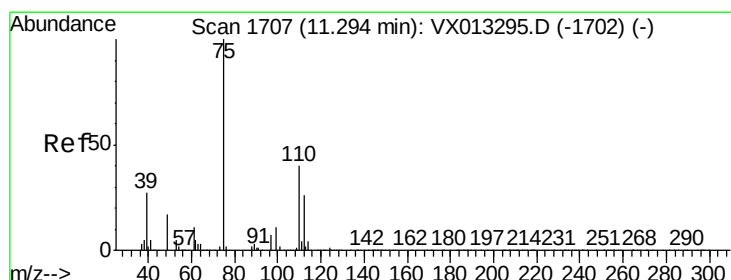
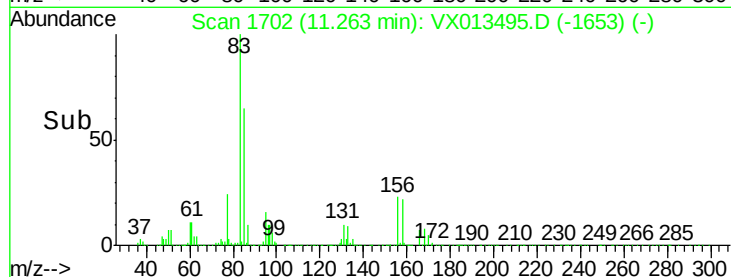
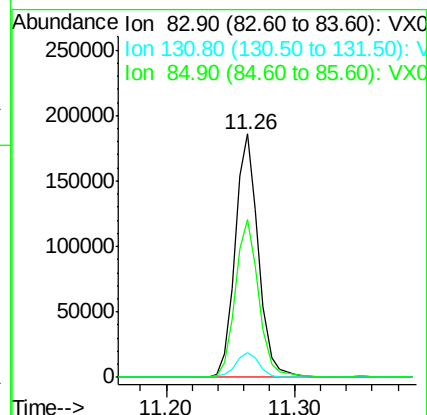
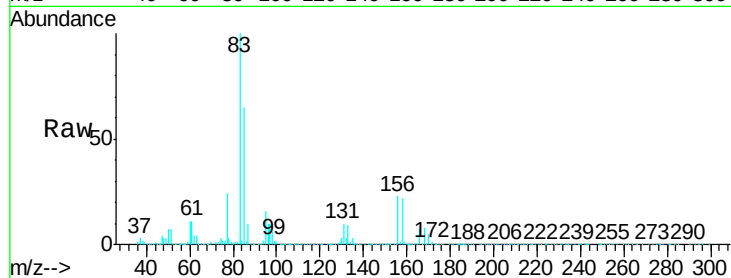
Tgt Ion: 83 Resp: 234050

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 65.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 32.129 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013495.D

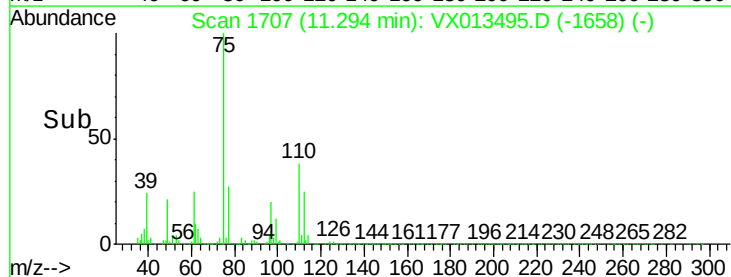
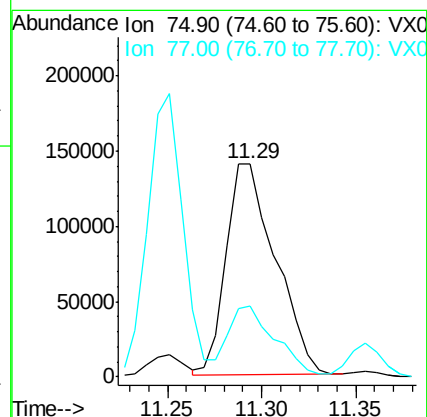
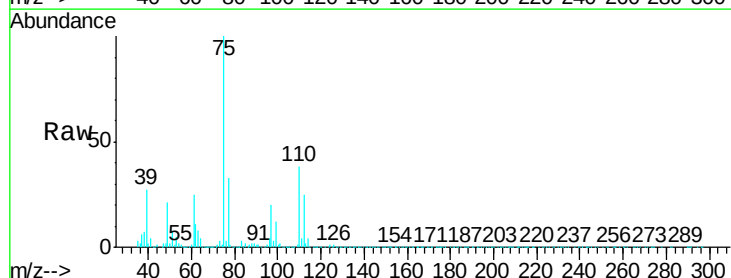
Acq: 21 Nov 2019 12:07

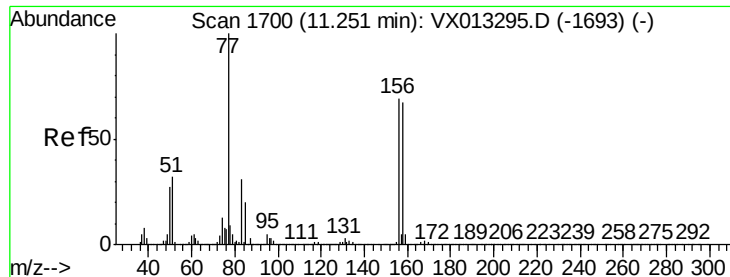
Tgt Ion: 75 Resp: 254356

Ion Ratio Lower Upper

75 100

77 31.2 22.3 66.8





#77

Bromobenzene

Concen: 24.557 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

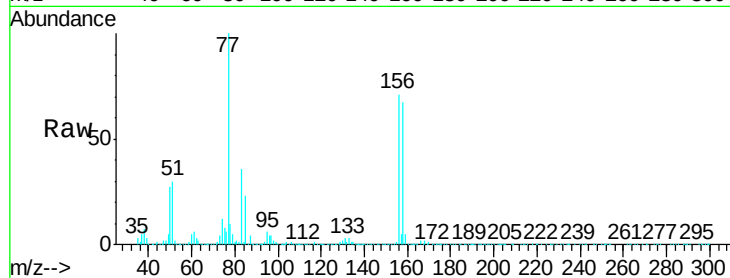
Tgt Ion:156 Resp: 169184

Ion Ratio Lower Upper

156 100

77 144.5 75.8 227.4

158 97.1 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

250000

200000

150000

100000

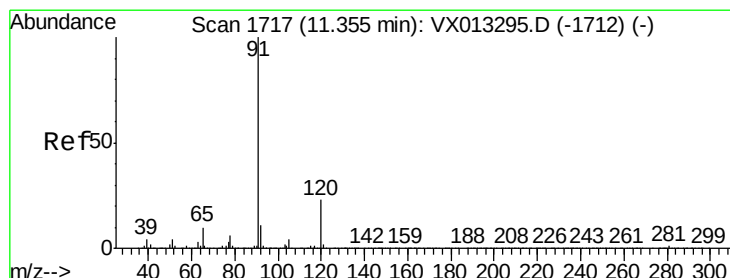
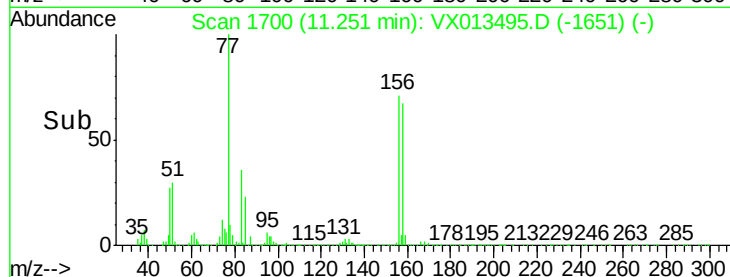
50000

0

11.25

11.30

Time-->



#78

n-propylbenzene

Concen: 24.419 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013495.D

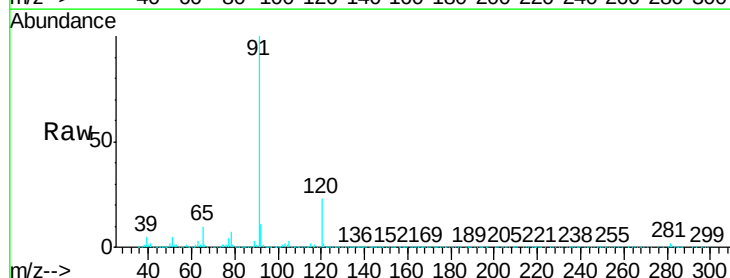
Acq: 21 Nov 2019 12:07

Tgt Ion: 91 Resp: 702957

Ion Ratio Lower Upper

91 100

120 23.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

400000

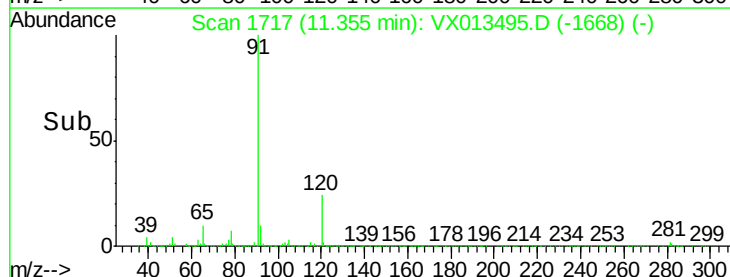
200000

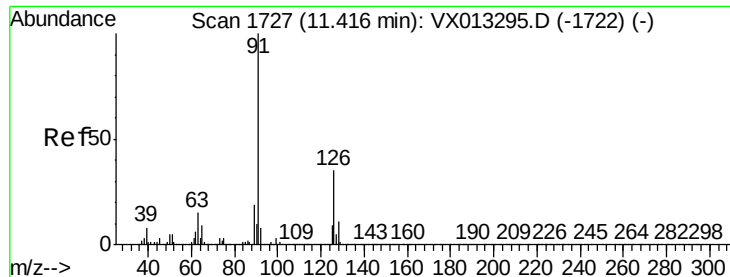
0

11.35

11.40

Time-->

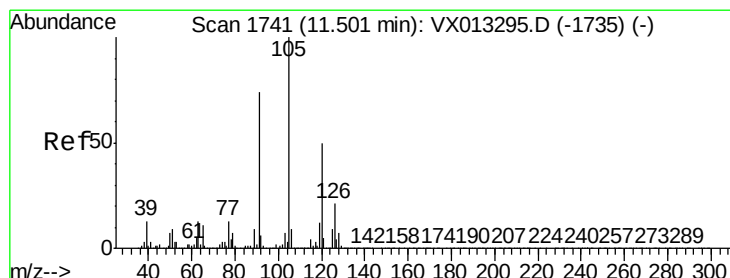
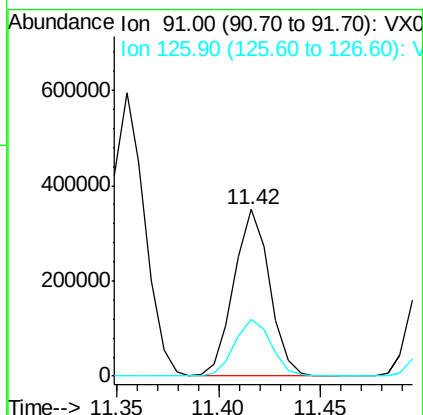
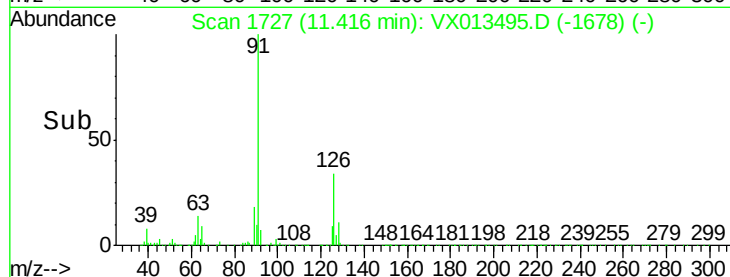
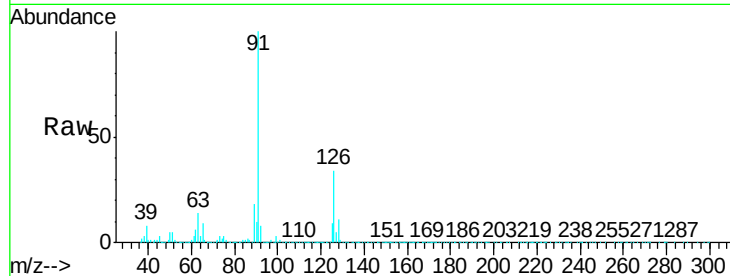




#79
 2-Chlorotoluene
 Concen: 24.382 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

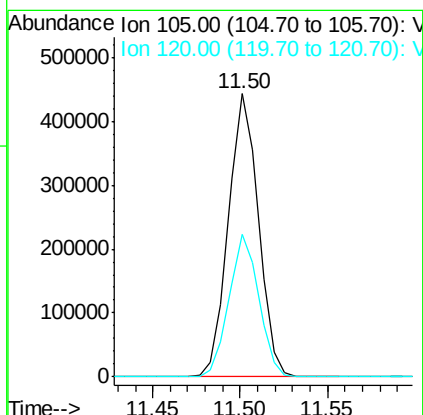
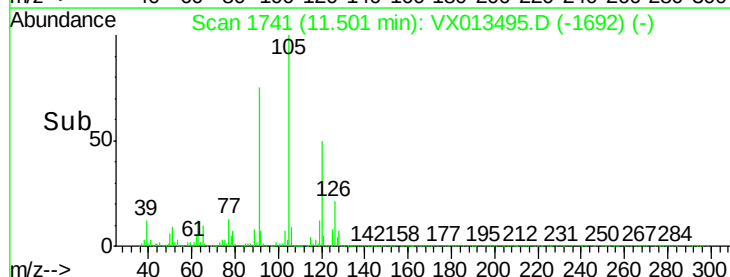
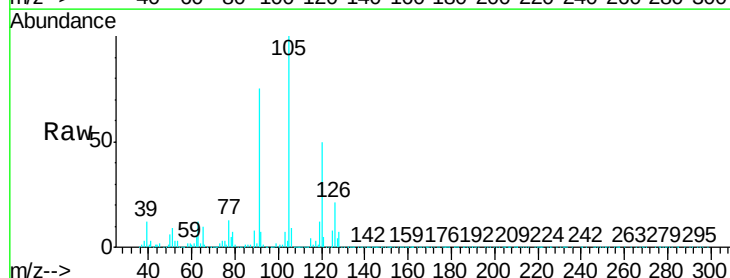
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

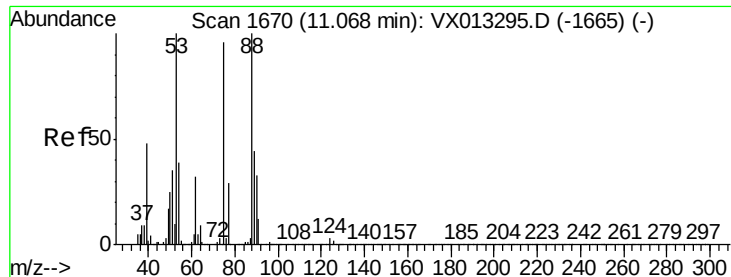
Tgt Ion: 91 Resp: 422878
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 24.624 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion: 105 Resp: 530039
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.515 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

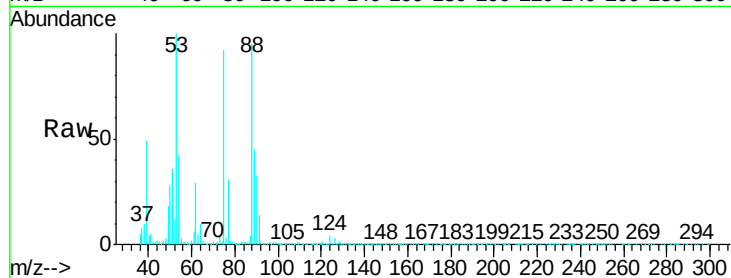
Tgt Ion: 75 Resp: 69250

Ion Ratio Lower Upper

75 100

53 105.2 81.0 121.6

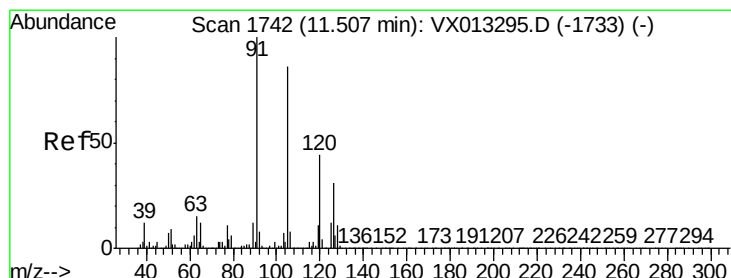
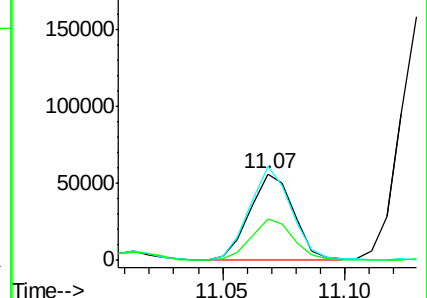
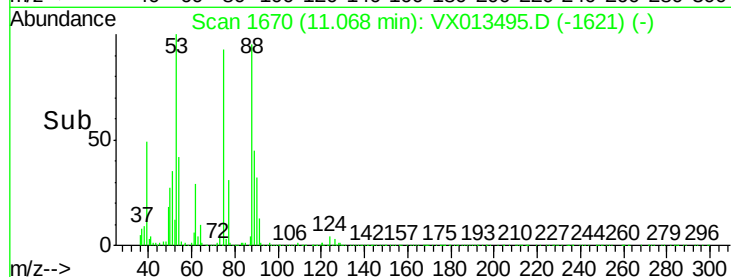
89 46.1 36.0 54.0



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: 23.566 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013495.D

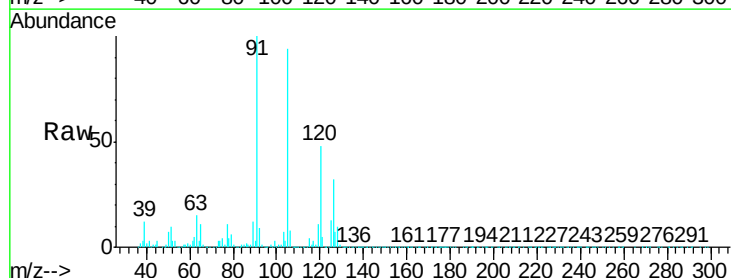
Acq: 21 Nov 2019 12:07

Tgt Ion: 91 Resp: 478456

Ion Ratio Lower Upper

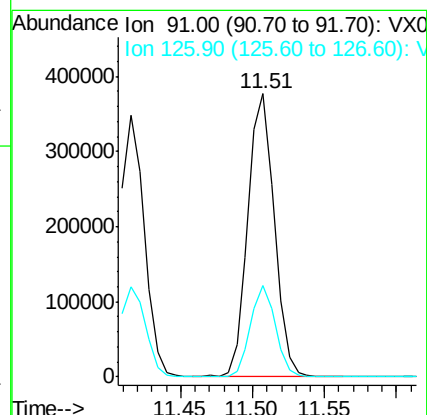
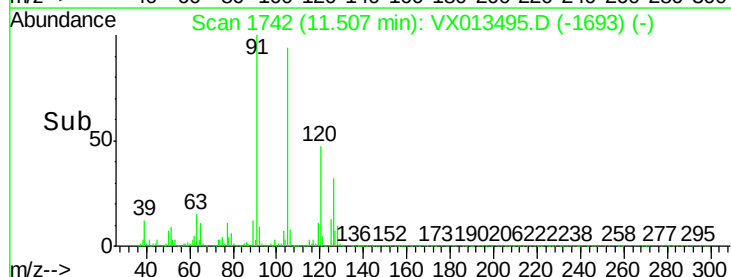
91 100

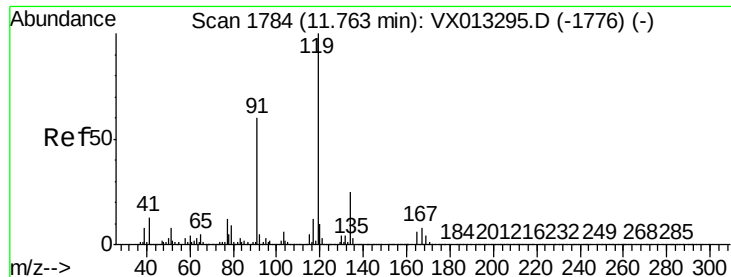
126 30.6 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

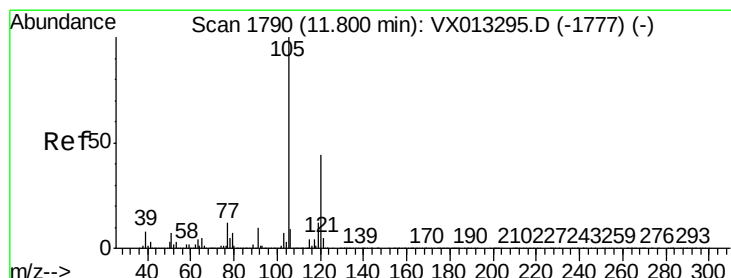
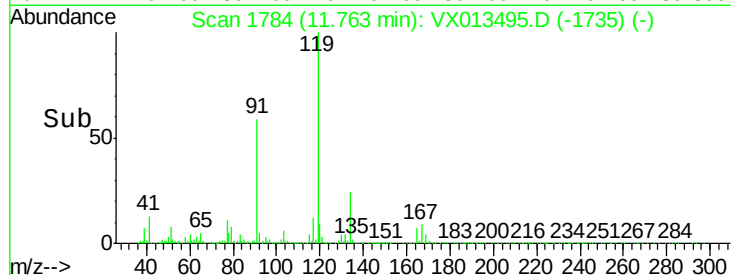
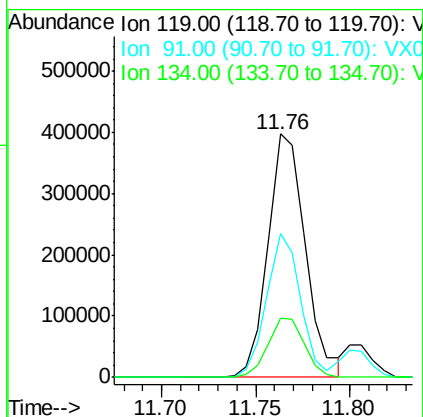
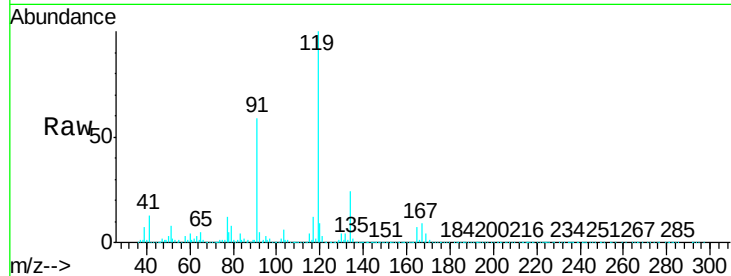




#83
 tert-Butylbenzene
 Concen: 25.342 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

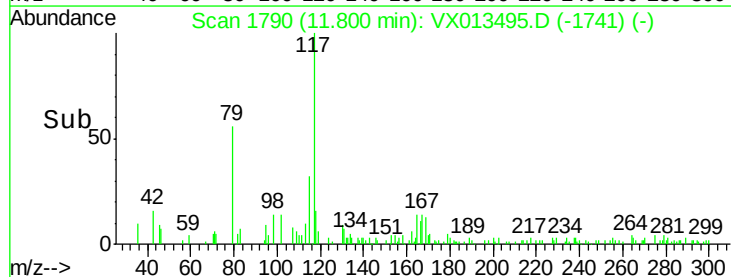
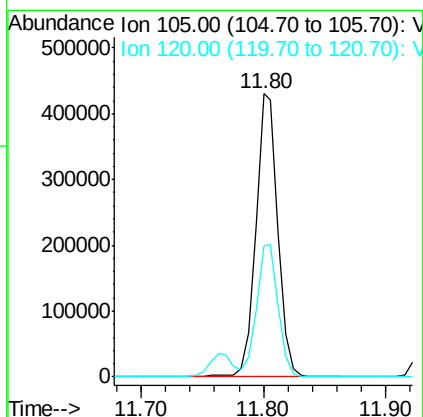
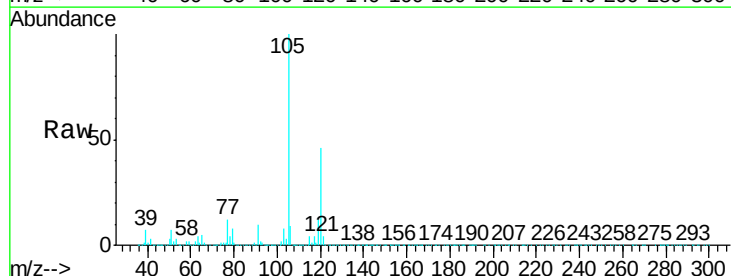
Instrument :
 MSVOA_X
 ClientSampled :
 VX1121WBS01

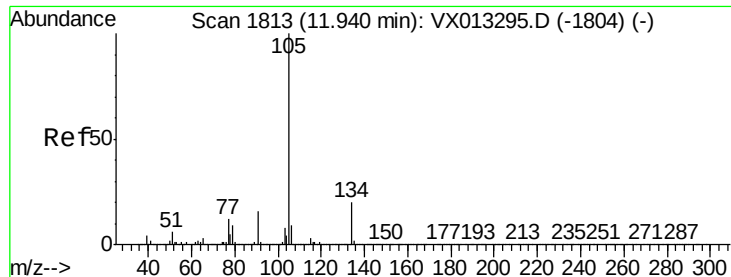
Tgt Ion:119 Resp: 549134
 Ion Ratio Lower Upper
 119 100
 91 53.3 26.9 80.7
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 24.994 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion:105 Resp: 539708
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.7 68.1

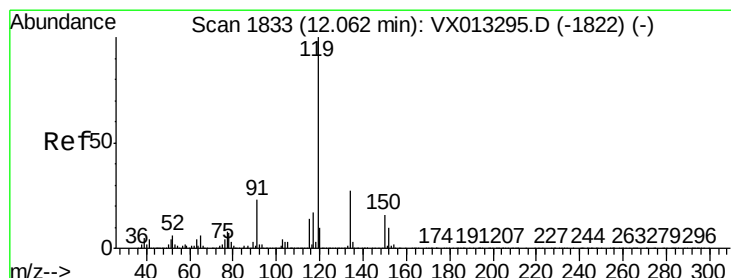
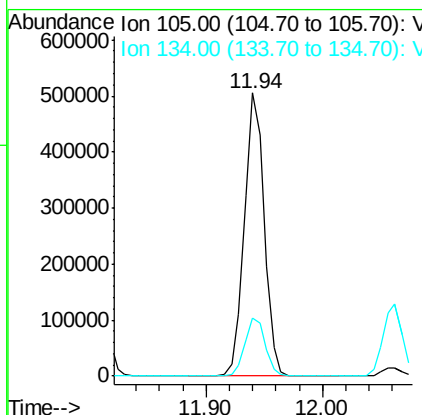
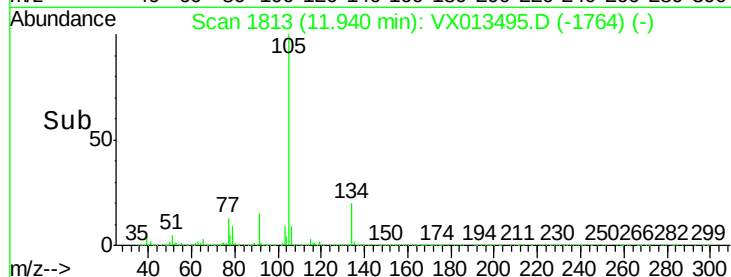
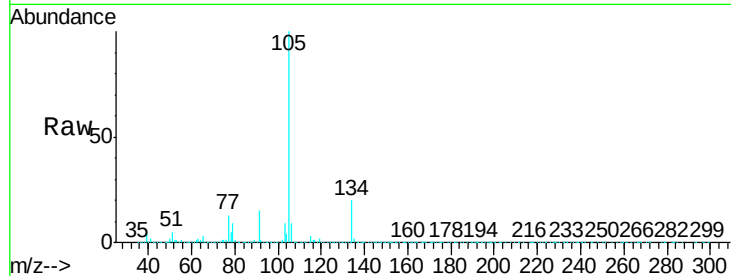




#85
 sec-Butylbenzene
 Concen: 24.280 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

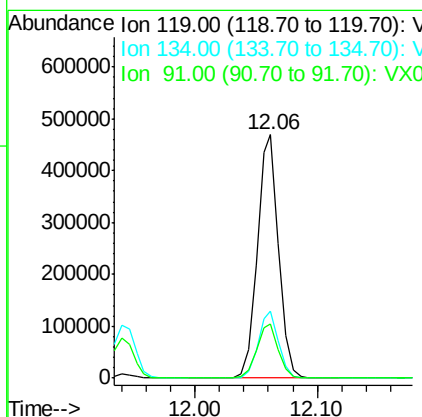
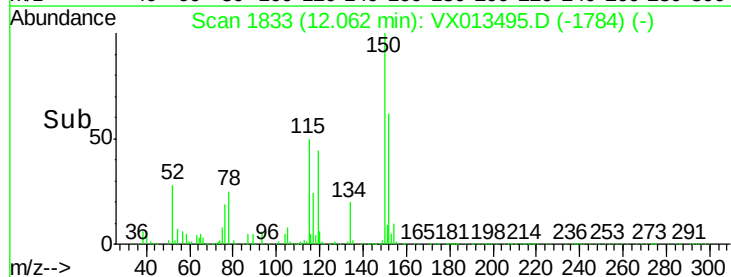
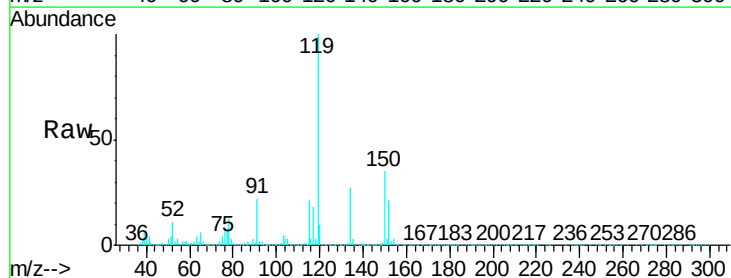
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

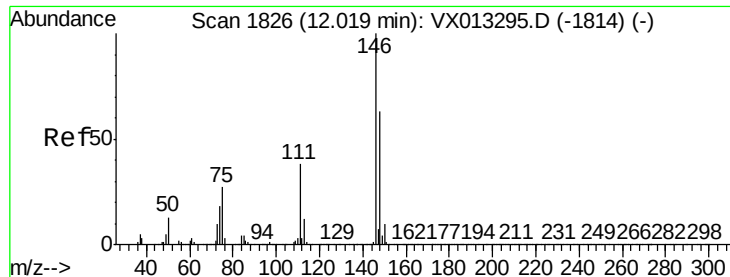
Tgt Ion:105 Resp: 604663
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 24.747 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion:119 Resp: 567486
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.6 11.5 34.4

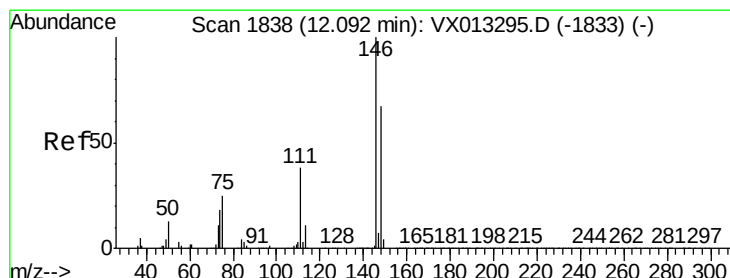
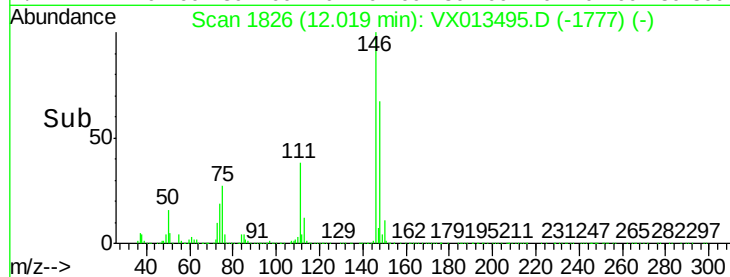
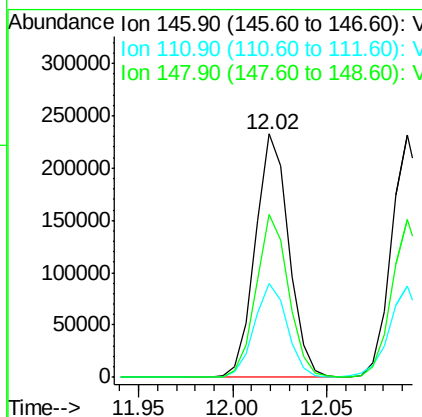
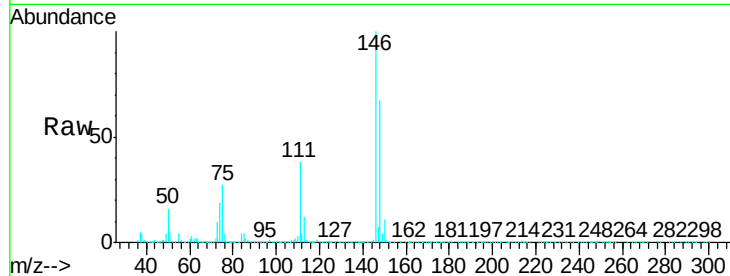




#87
 1,3-Dichlorobenzene
 Concen: 23.337 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

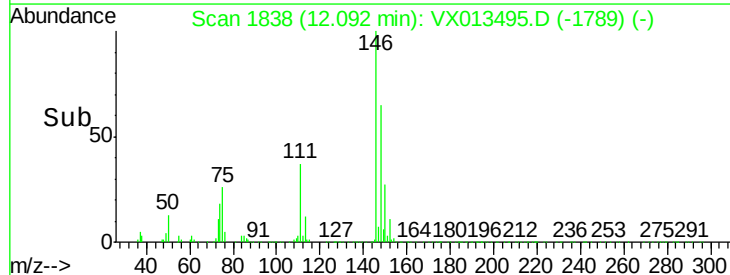
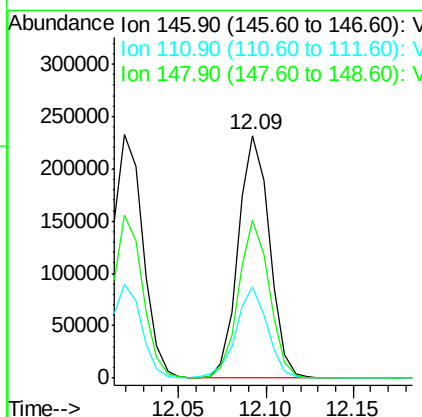
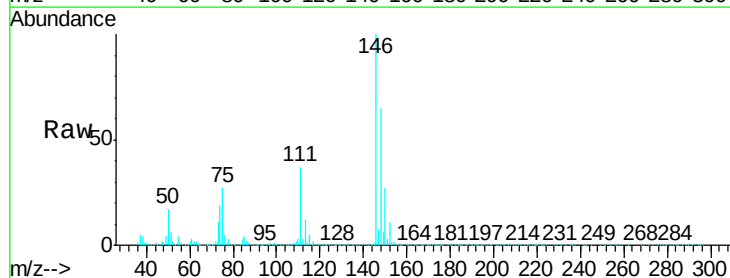
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

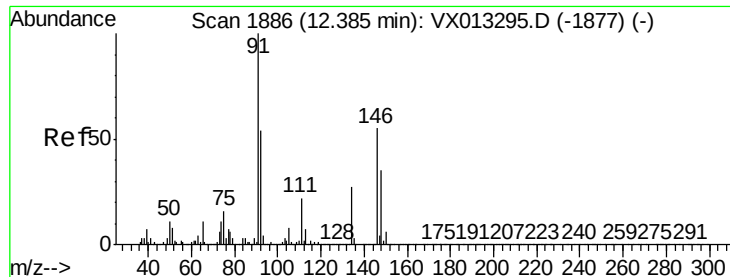
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	64.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 22.973 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.4
148	64.2	32.4	97.0





#89

n-Butylbenzene

Concen: 22.625 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

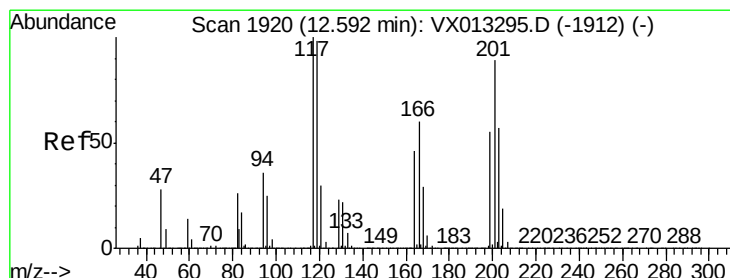
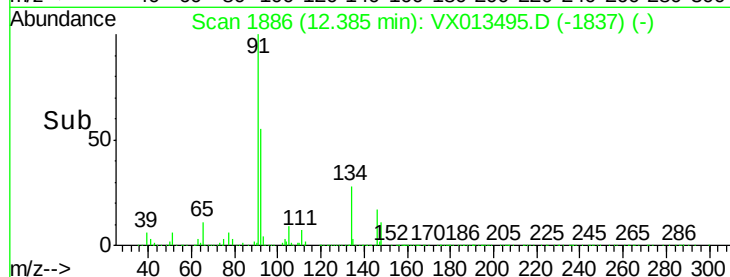
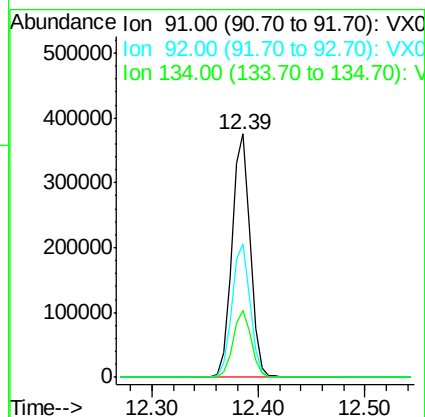
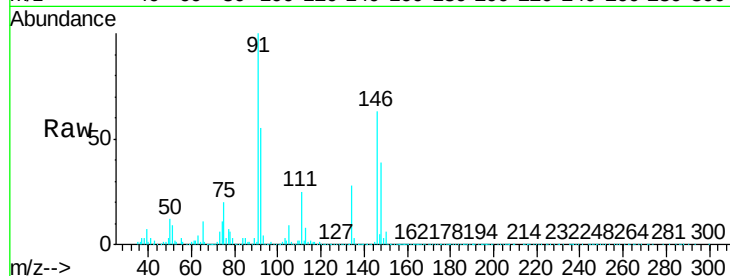
Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS01

Tgt Ion:	91	Resp:	452717
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	27.2	13.5	40.5



#90

Hexachloroethane

Concen: 23.953 ug/l

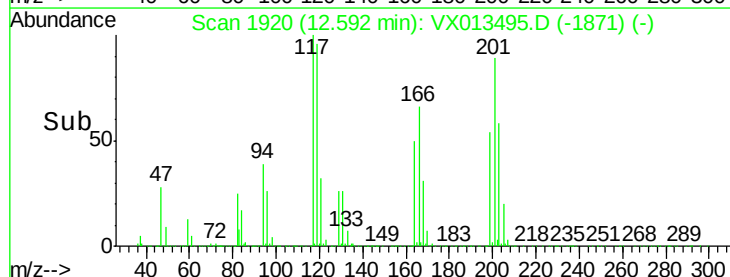
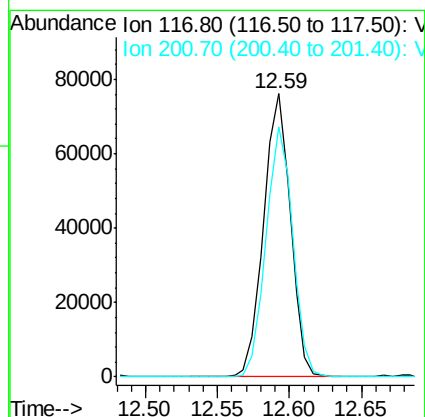
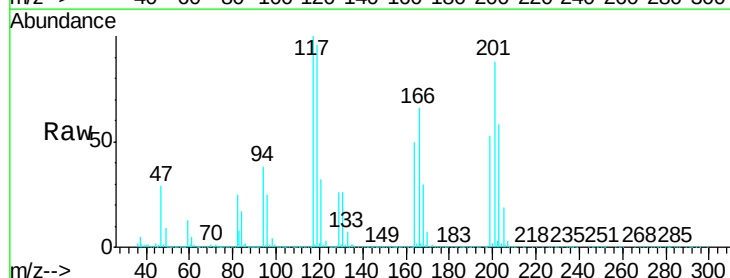
RT: 12.59 min Scan# 1920

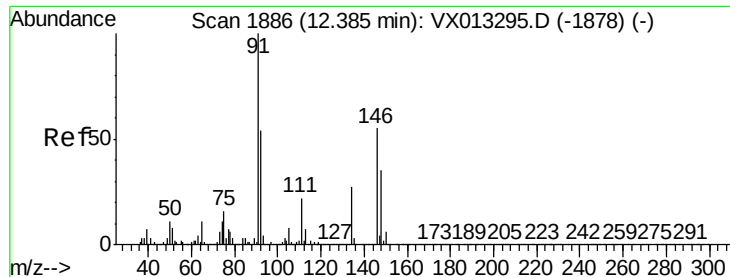
Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Tgt Ion:	117	Resp:	97866
Ion	Ratio	Lower	Upper
117	100		
201	88.2	43.9	131.7

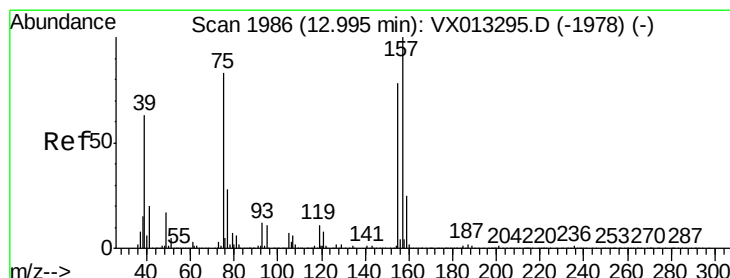
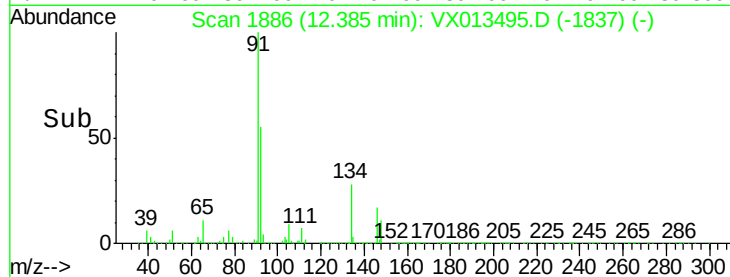
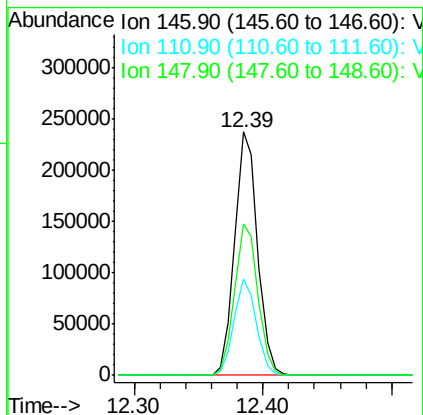
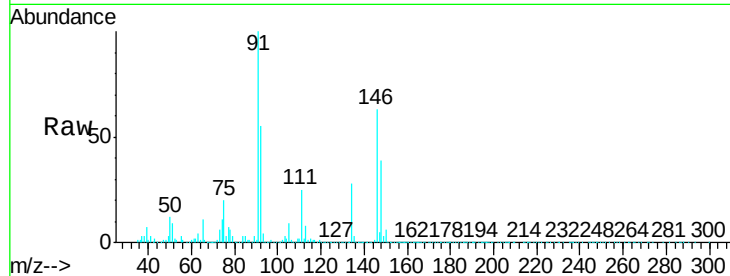




#91
 1,2-Dichlorobenzene
 Concen: 23.996 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

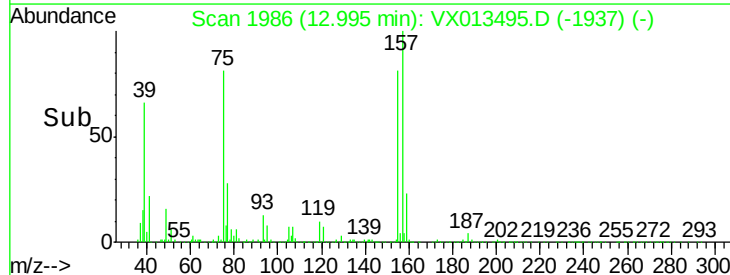
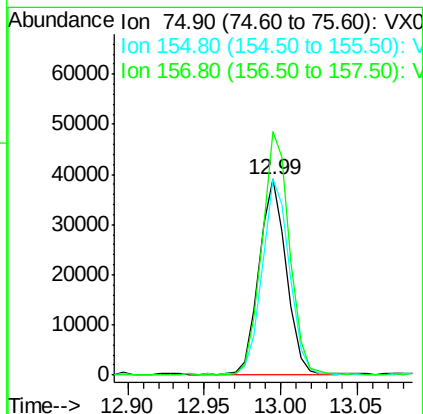
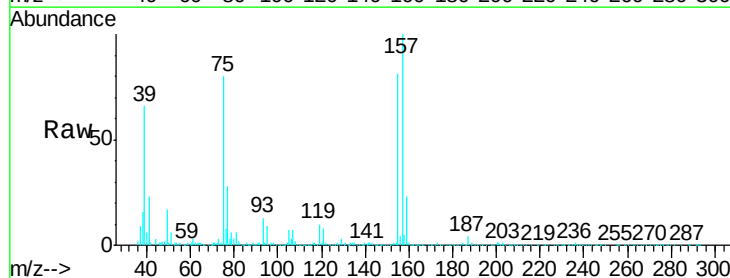
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

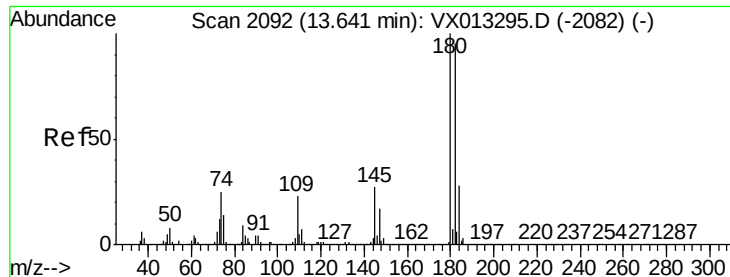
Tgt Ion:146 Resp: 294562
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.1 60.2
 148 63.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.024 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion: 75 Resp: 48289
 Ion Ratio Lower Upper
 75 100
 155 101.4 47.1 141.4
 157 128.1 61.3 183.8

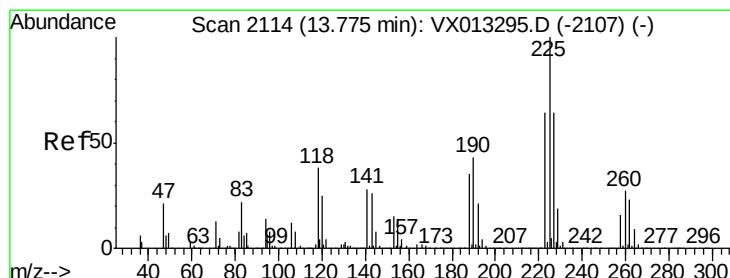
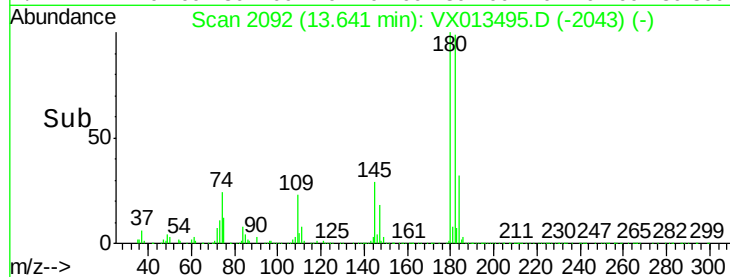
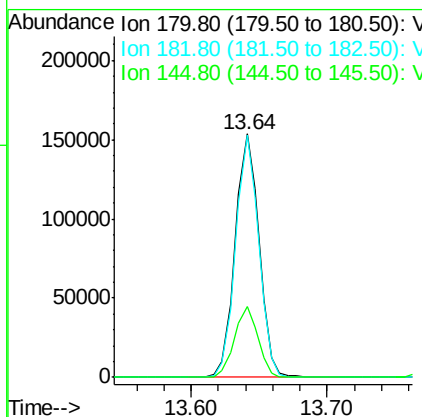
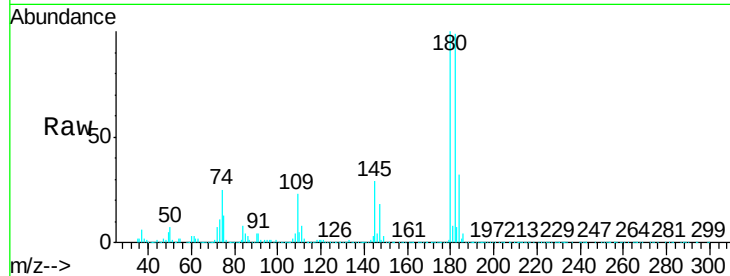




#93
 1,2,4-Trichlorobenzene
 Concen: 21.840 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

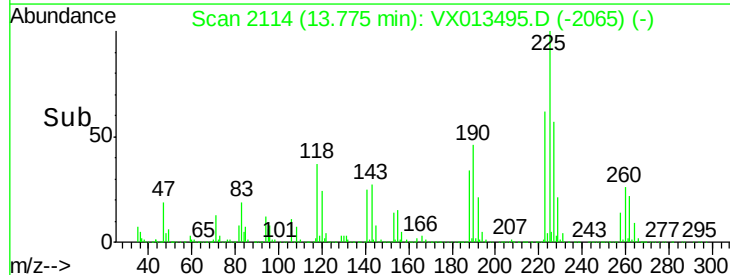
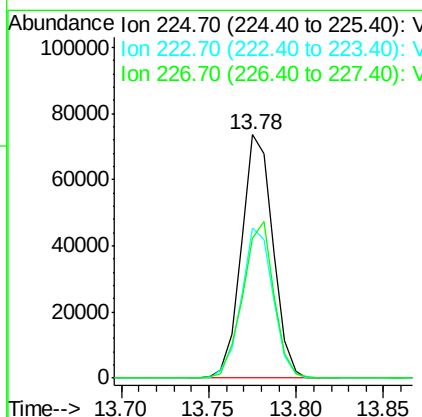
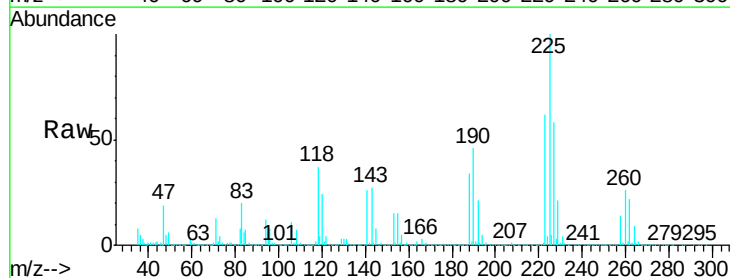
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

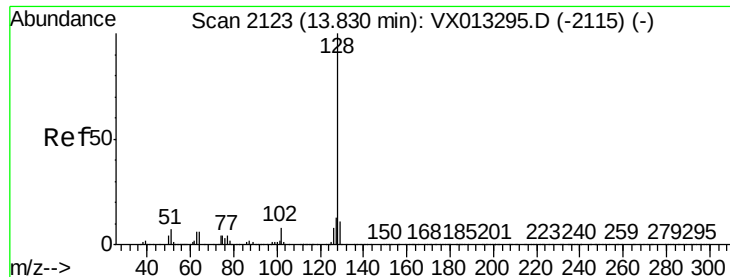
Tgt Ion:180 Resp: 187004
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.4 145.0
 145 29.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 21.971 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013495.D
 Acq: 21 Nov 2019 12:07

Tgt Ion:225 Resp: 92038
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.9 95.7
 227 63.7 31.9 95.9

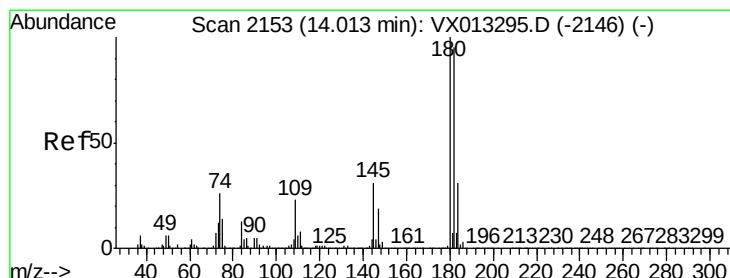
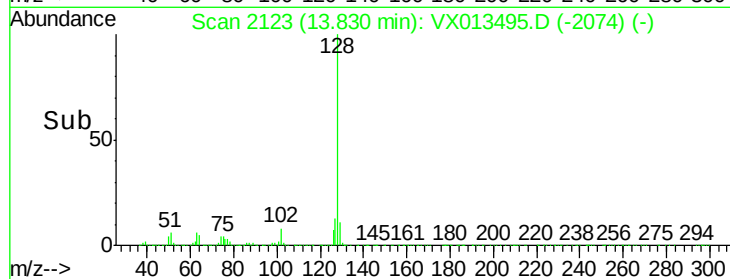
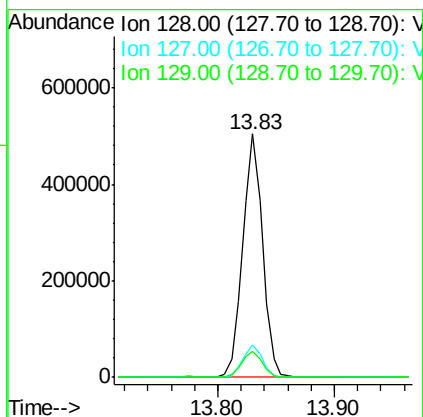
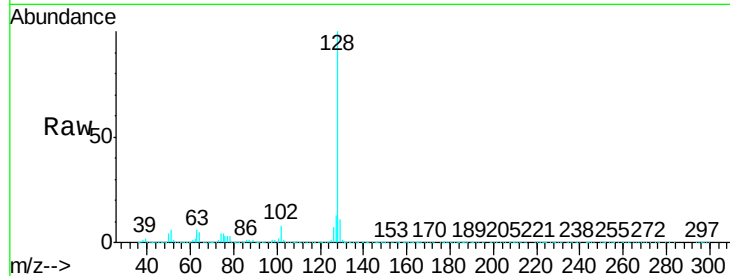




#95
Naphthalene
Concen: 22.406 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 22.556 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013495.D
Acq: 21 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.0	144.2
145	30.3	15.4	46.4

