

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013470.D
 Acq On : 20 Nov 2019 11:03
 Operator : JC/SP
 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Quant Time: Nov 21 00:44:03 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	702209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1045147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	471511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	400171	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.48	113	330920	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.71	98	1265004	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	452692	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	155509	19.220	ug/l	99
3) Chloromethane	1.31	50	172893	19.705	ug/l	99
4) Vinyl Chloride	1.40	62	203372	20.360	ug/l	99
5) Bromomethane	1.63	94	122565	17.607	ug/l	99
6) Chloroethane	1.71	64	114291	19.284	ug/l	97
7) Trichlorofluoromethane	1.92	101	230228	19.509	ug/l	98
8) Diethyl Ether	2.17	74	106790	20.463	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	150361	22.860	ug/l	97
10) Methyl Iodide	2.50	142	149273	18.330	ug/l	99
11) Tert butyl alcohol	3.03	59	207179	94.487	ug/l	100
12) 1,1-Dichloroethene	2.36	96	139572	21.668	ug/l	98
13) Acrolein	2.28	56	94584	79.592	ug/l	100
14) Allyl chloride	2.72	41	254844	21.775	ug/l	98
15) Acrylonitrile	3.12	53	446948	109.123	ug/l	99
16) Acetone	2.43	43	424029	102.189	ug/l	99
17) Carbon Disulfide	2.56	76	335006	19.432	ug/l	97
18) Methyl Acetate	2.76	43	258910	22.601	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	488101	22.720	ug/l	97
20) Methylene Chloride	2.84	84	159796	20.843	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	148301	21.146	ug/l	96
22) Diisopropyl ether	3.84	45	528335	23.383	ug/l	98
23) Vinyl Acetate	3.80	43	2148942	111.146	ug/l	99
24) 1,1-Dichloroethane	3.69	63	279346	22.101	ug/l	97
25) 2-Butanone	4.65	43	655986	107.763	ug/l	98
26) 2,2-Dichloropropane	4.57	77	227702	22.645	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	175381	22.323	ug/l	98
28) Bromochloromethane	5.00	49	71758	19.995	ug/l	98
29) Tetrahydrofuran	5.11	42	403699	107.617	ug/l	99
30) Chloroform	5.20	83	283352	22.703	ug/l	95
31) Cyclohexane	5.57	56	244126	21.464	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	232720	21.666	ug/l	99
36) 1,1-Dichloropropene	5.79	75	204107	22.764	ug/l	99
37) Ethyl Acetate	4.81	43	241326	21.782	ug/l	100
38) Carbon Tetrachloride	5.77	117	196639	22.428	ug/l	97

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Instrument :
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 ClientSampleId :
 VX1120WBS01

Quant Time: Nov 21 00:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	250355	22.409	ug/l	96
40) Benzene	6.13	78	621342	22.247	ug/l	99
41) Methacrylonitrile	5.02	41	139044	22.391	ug/l	97
42) 1,2-Dichloroethane	6.18	62	226486	22.482	ug/l	97
43) Isopropyl Acetate	6.43	43	397080	23.016	ug/l	99
44) Trichloroethene	7.20	130	169369	22.031	ug/l	98
45) 1,2-Dichloropropane	7.50	63	164378	23.099	ug/l	99
46) Dibromomethane	7.65	93	107852	22.197	ug/l	98
47) Bromodichloromethane	7.89	83	215399	23.510	ug/l	95
48) Methyl methacrylate	7.76	41	193935	22.520	ug/l	97
49) 1,4-Dioxane	7.73	88	83465	423.206	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1253251	110.723	ug/l	99
52) Toluene	8.78	92	399752	23.093	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	233261	23.282	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	267217	23.844	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	167335	23.322	ug/l	96
56) Ethyl methacrylate	9.17	69	264042	22.445	ug/l	96
57) 1,3-Dichloropropane	9.36	76	279735	22.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	466002	94.989	ug/l	100
59) 2-Hexanone	9.48	43	968433	110.717	ug/l	99
60) Dibromochloromethane	9.57	129	171283	23.342	ug/l	100
61) 1,2-Dibromoethane	9.67	107	172972	22.703	ug/l	99
64) Tetrachloroethene	9.33	164	152059	22.435	ug/l	97
65) Chlorobenzene	10.14	112	433285	22.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	163035	23.165	ug/l	99
67) Ethyl Benzene	10.25	91	759448	22.957	ug/l	99
68) m/p-Xylenes	10.36	106	586064	46.843	ug/l	98
69) o-Xylene	10.70	106	277889	22.687	ug/l	99
70) Styrene	10.71	104	475792	23.237	ug/l	99
71) Bromoform	10.85	173	132332	22.182	ug/l #	100
73) Isopropylbenzene	11.01	105	756472	24.198	ug/l	100
74) N-amyl acetate	10.89	43	340592	23.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	266140	23.336	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	296164	30.924	ug/l	80
77) Bromobenzene	11.25	156	195476	23.455	ug/l	99
78) n-propylbenzene	11.35	91	858743	24.660	ug/l	100
79) 2-Chlorotoluene	11.42	91	505256	24.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	635561	24.408	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	83552	22.456	ug/l	100
82) 4-Chlorotoluene	11.51	91	581745	23.686	ug/l	99
83) tert-Butylbenzene	11.76	119	641008	24.454	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	629672	24.106	ug/l	99
85) sec-Butylbenzene	11.94	105	739916	24.561	ug/l	100
86) p-Isopropyltoluene	12.06	119	679554	24.497	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	345506	23.258	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	343600	22.702	ug/l	99
89) n-Butylbenzene	12.39	91	583044	24.087	ug/l	100
90) Hexachloroethane	12.59	117	120953	24.472	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	345660	23.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	54990	19.791	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1120WBS01

Quant Time: Nov 21 00:44:03 2019
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

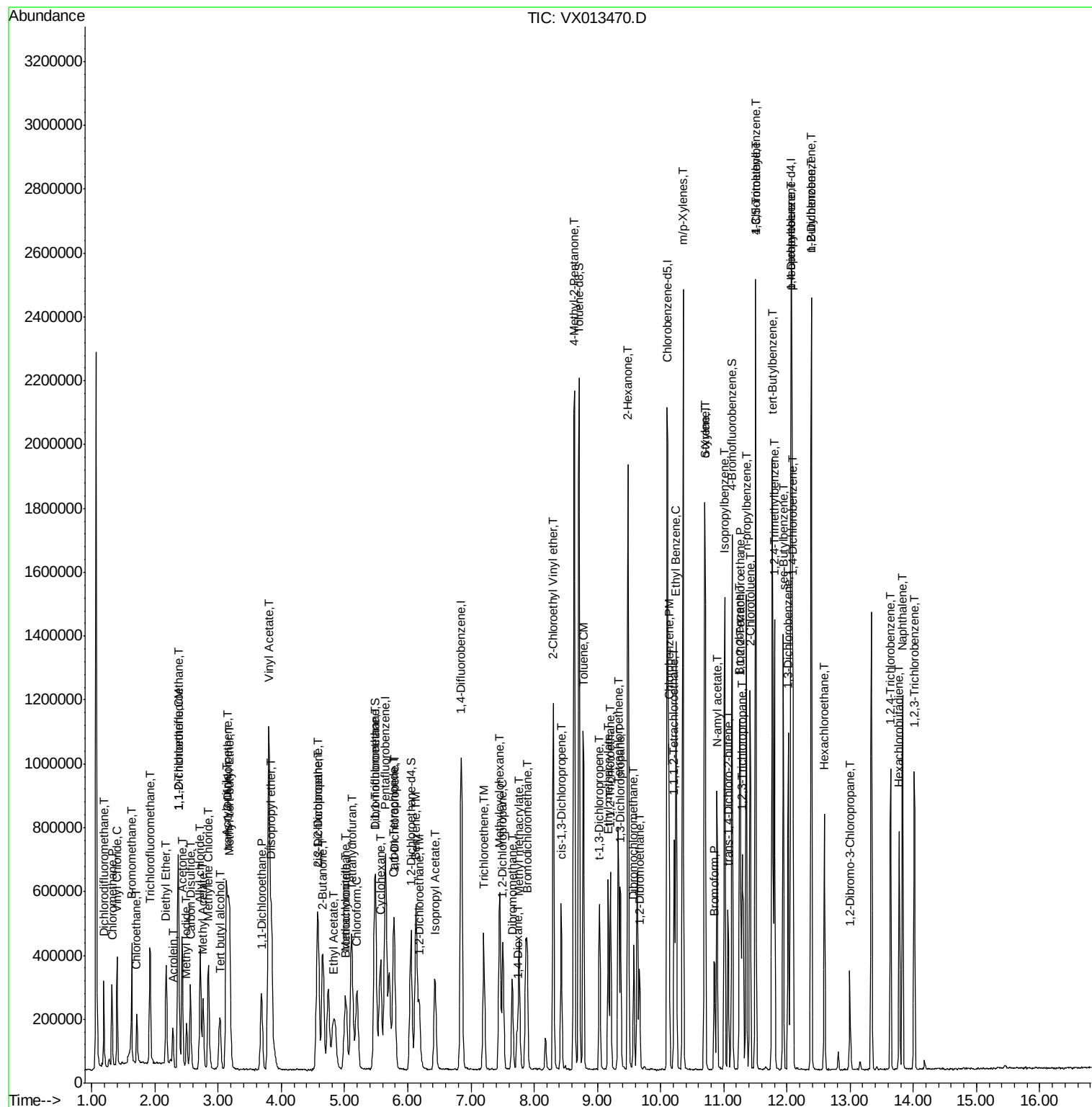
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	234061	22.597	ug/l	98
94) Hexachlorobutadiene	13.78	225	119289	23.540	ug/l	99
95) Naphthalene	13.83	128	702514	21.617	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	235990	22.718	ug/l	98

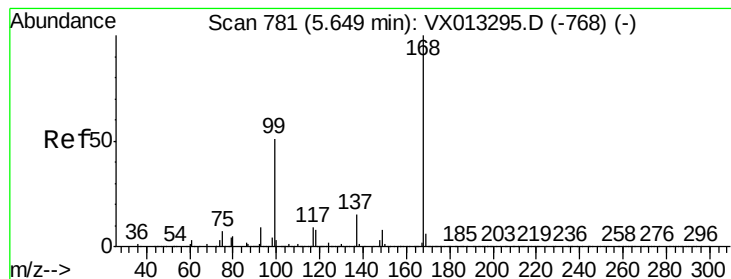
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013470.D
 Acq On : 20 Nov 2019 11:03
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 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

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 Client Sample Id :
 VX1120WBS01

Quant Time: Nov 21 00:44:03 2019
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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampled :

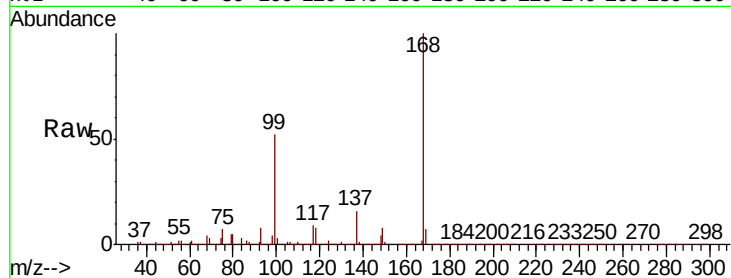
VX1120WBS01

Tot Ion:168 Resp: 702209

Ion Ratio Lower Upper

168 100

99 51.9 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

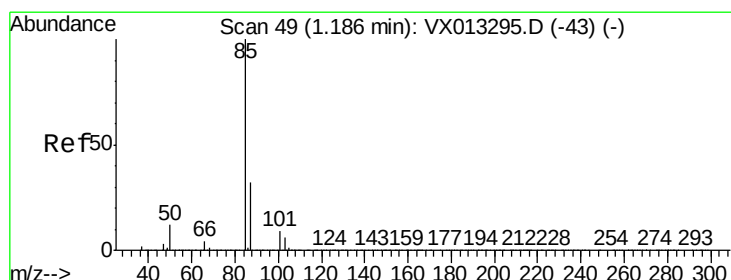
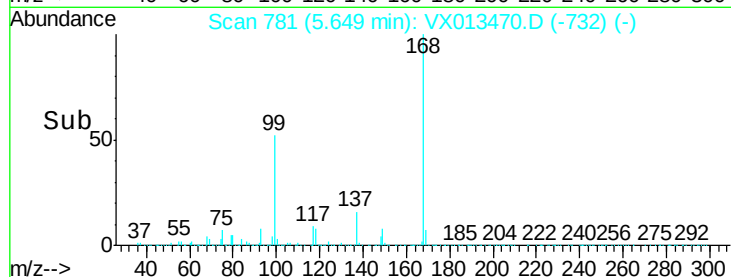
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.220 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013470.D

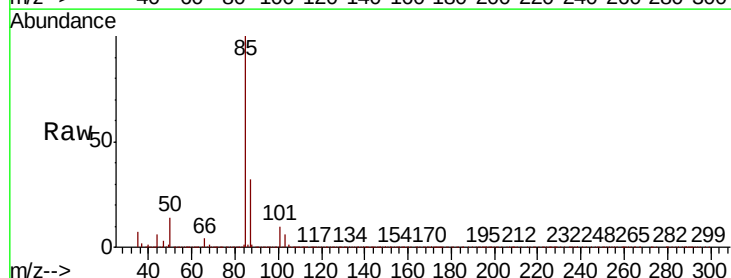
Acq: 20 Nov 2019 11:03

Tgt Ion: 85 Resp: 155509

Ion Ratio Lower Upper

85 100

87 32.4 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

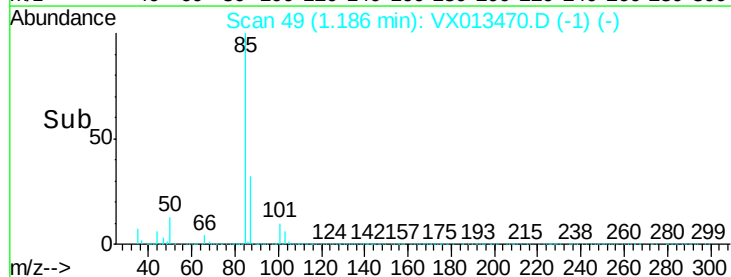
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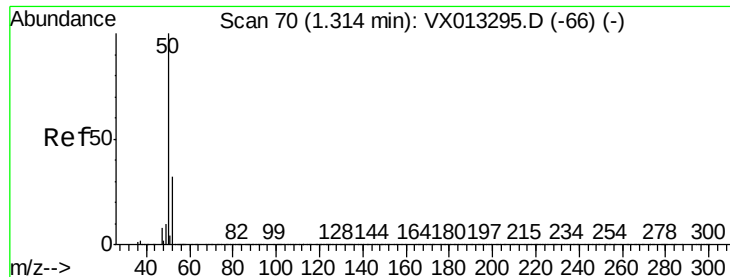
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Time-->

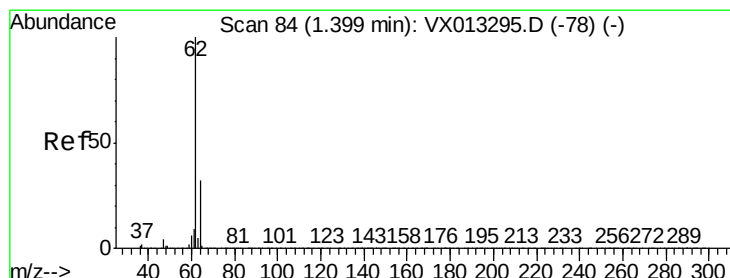
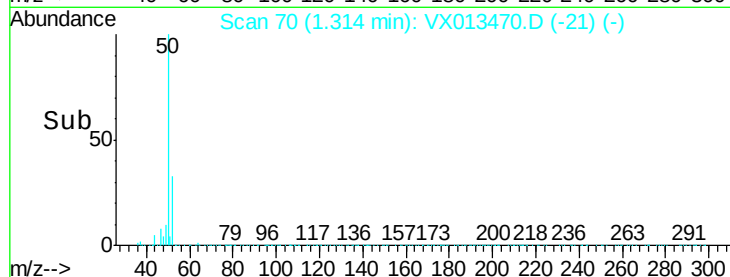
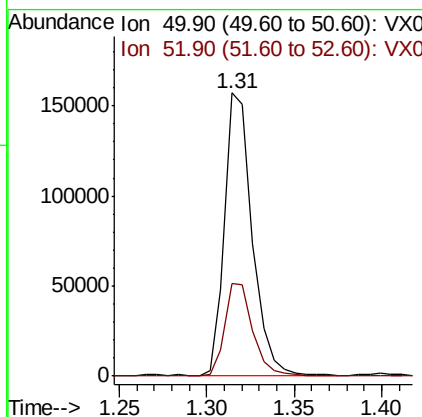
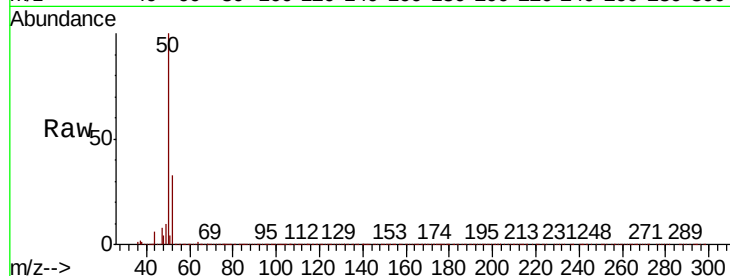




#3
Chloromethane
Concen: 19.705 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

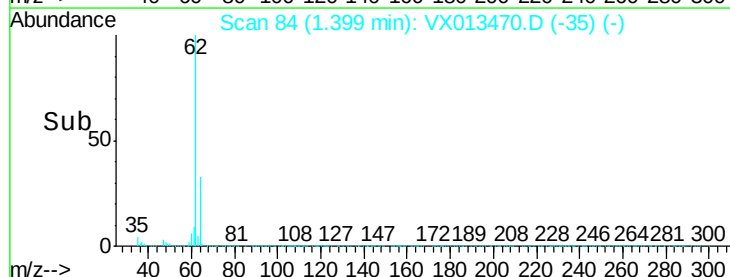
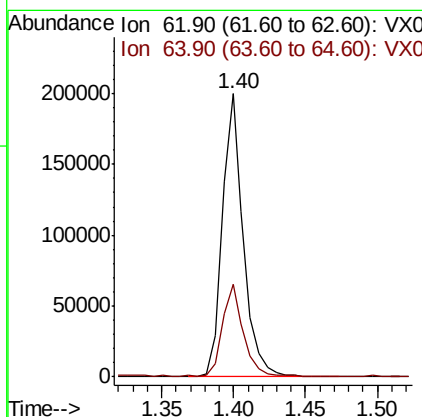
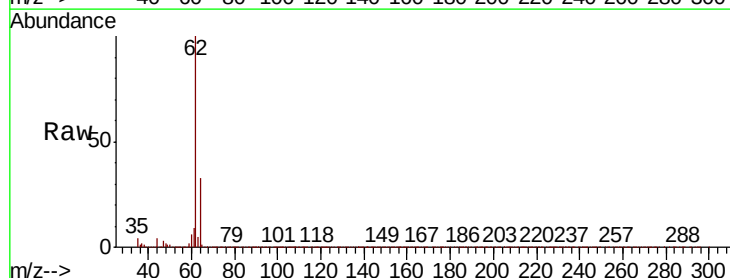
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

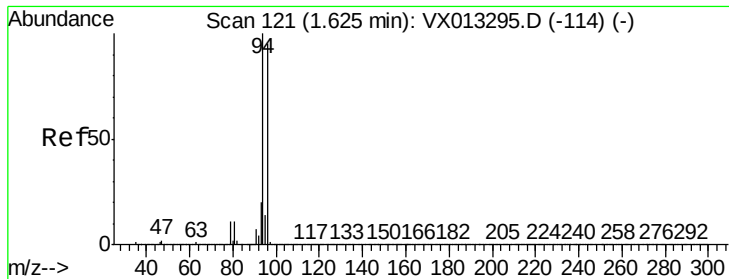
Tot Ion: 50 Resp: 172893
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3



#4
Vinyl Chloride
Concen: 20.360 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 62 Resp: 203372
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5

Bromomethane

Concen: 17.607 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampled :

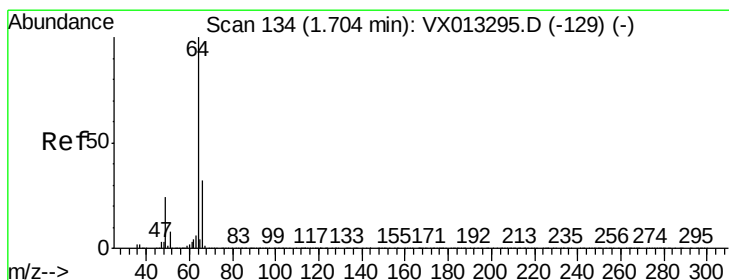
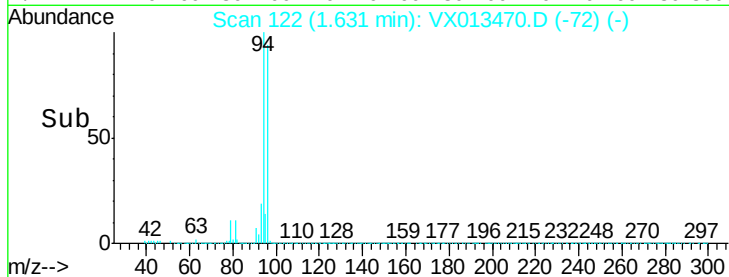
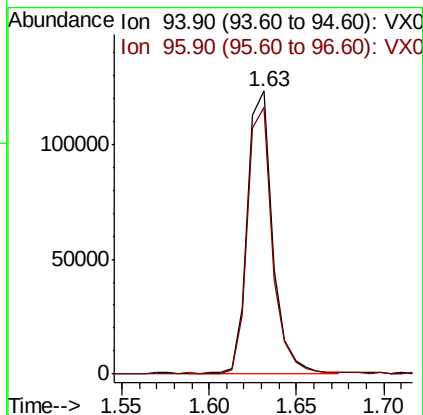
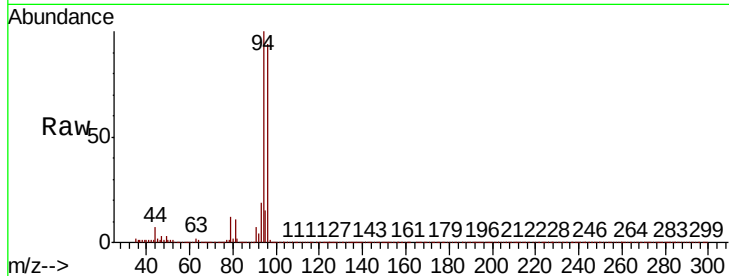
VX1120WBS01

Tot Ion: 94 Resp: 122565

Ion Ratio Lower Upper

94 100

96 94.1 75.8 113.8



#6

Chloroethane

Concen: 19.284 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013470.D

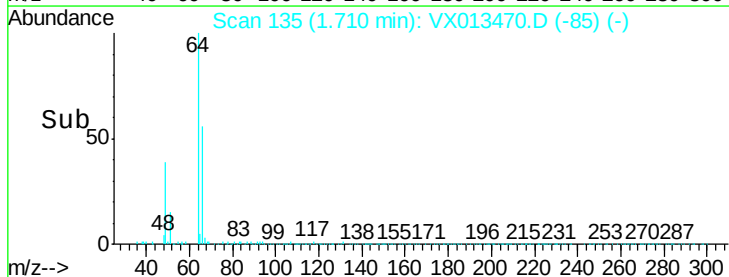
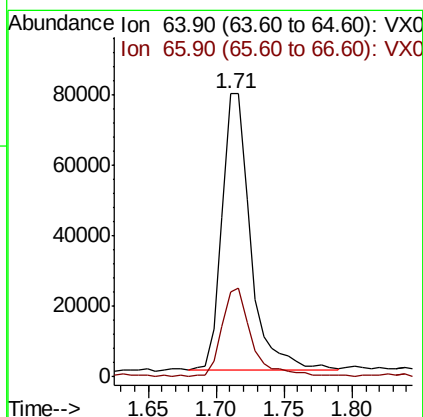
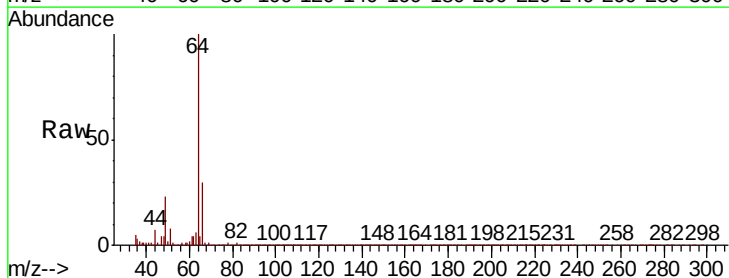
Acq: 20 Nov 2019 11:03

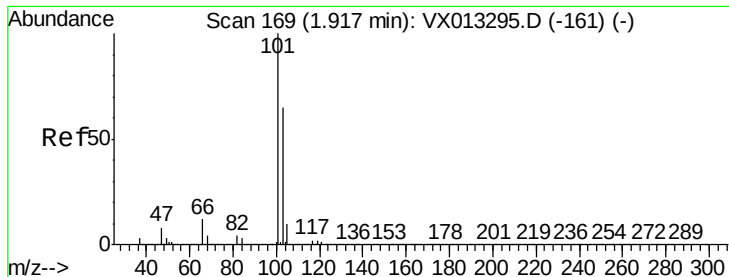
Tgt Ion: 64 Resp: 114291

Ion Ratio Lower Upper

64 100

66 30.5 25.6 38.4



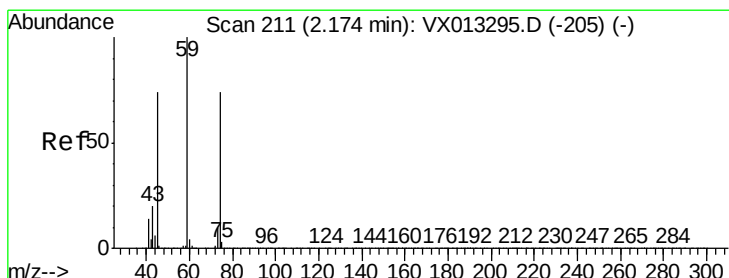
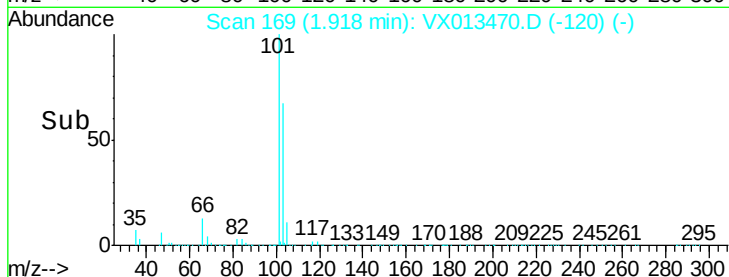
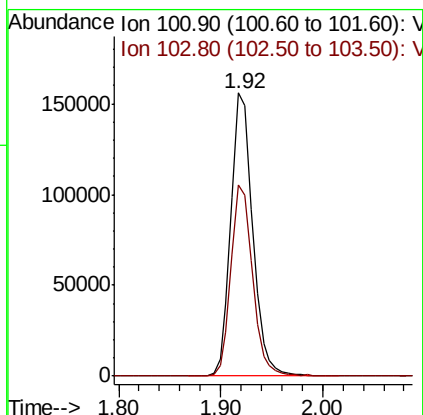
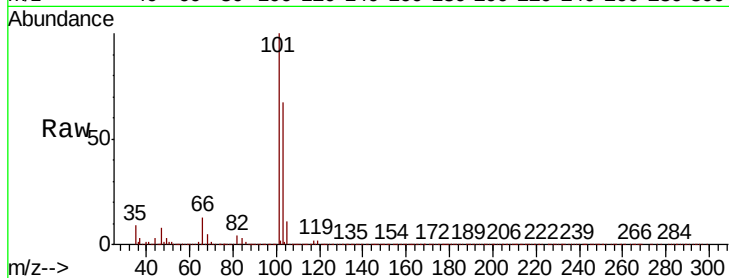


#7

Trichlorofluoromethane
Concen: 19.509 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

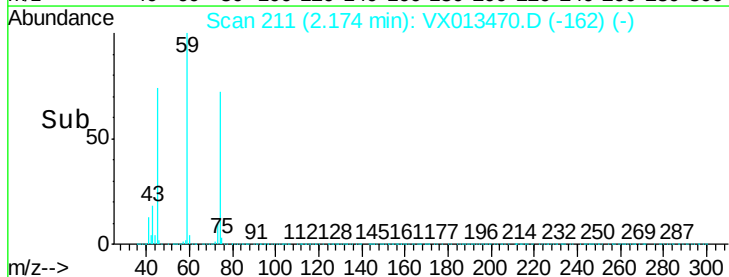
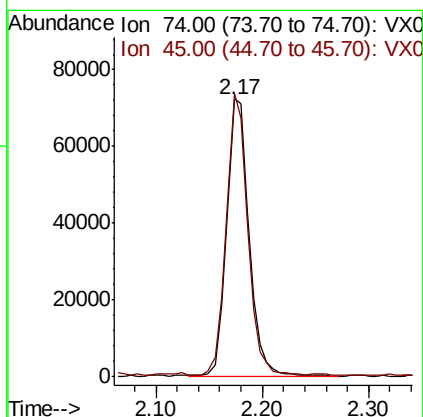
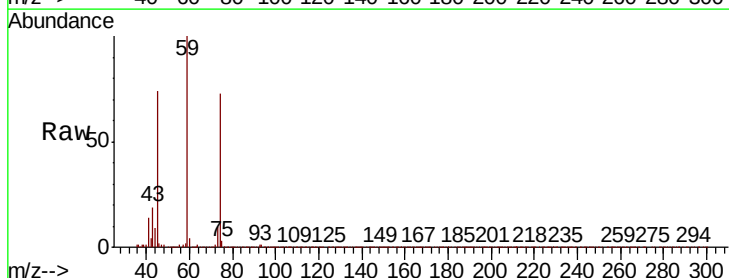
Tot Ion:101 Resp: 230228
Ion Ratio Lower Upper
101 100
103 67.2 52.3 78.5

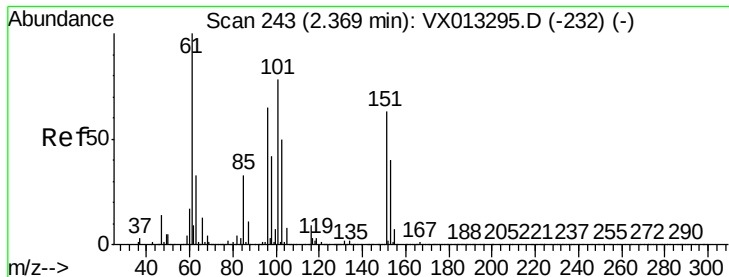


#8

Diethyl Ether
Concen: 20.463 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 74 Resp: 106790
Ion Ratio Lower Upper
74 100
45 96.8 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.860 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

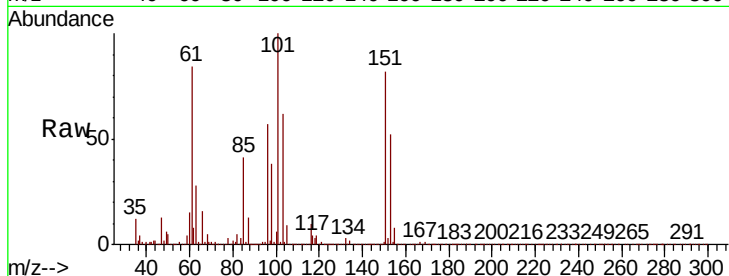
Tot Ion:101 Resp: 150361

Ion Ratio Lower Upper

101 100

85 41.6 34.4 51.6

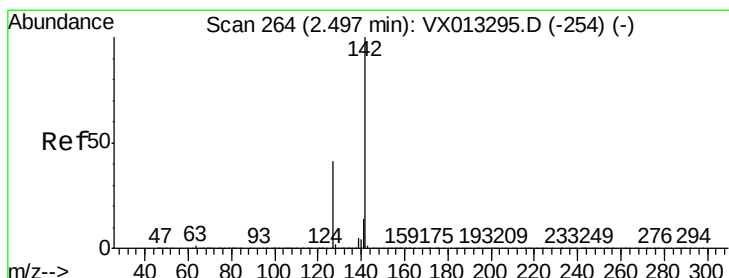
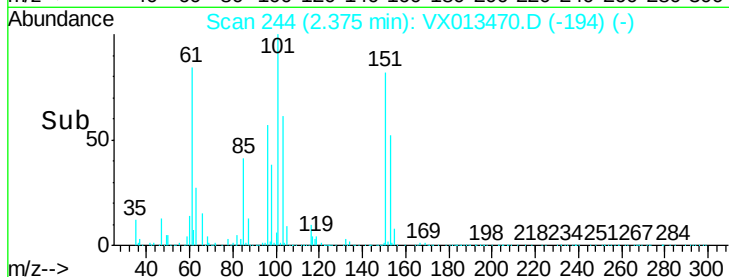
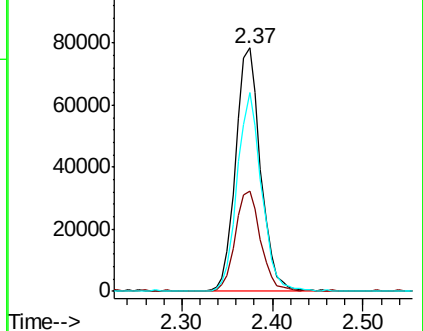
151 79.4 66.4 99.6



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: 18.330 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

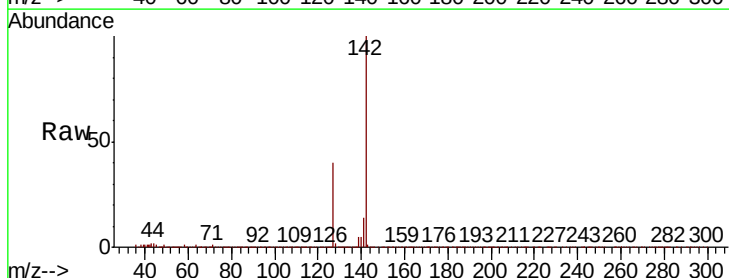
Tgt Ion:142 Resp: 149273

Ion Ratio Lower Upper

142 100

127 39.8 32.6 49.0

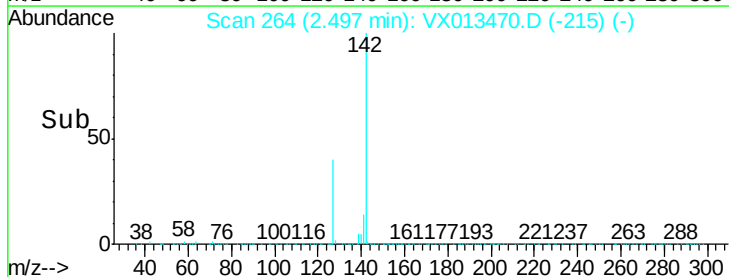
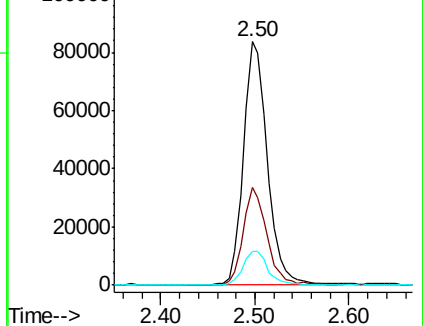
141 14.1 11.6 17.4

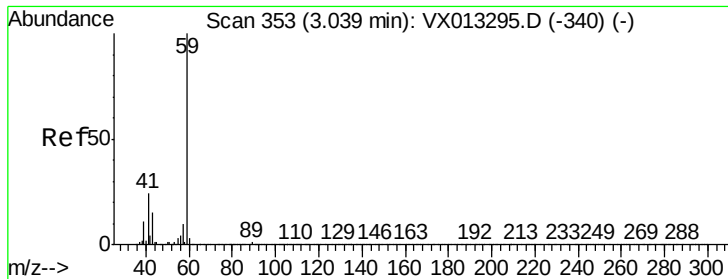


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



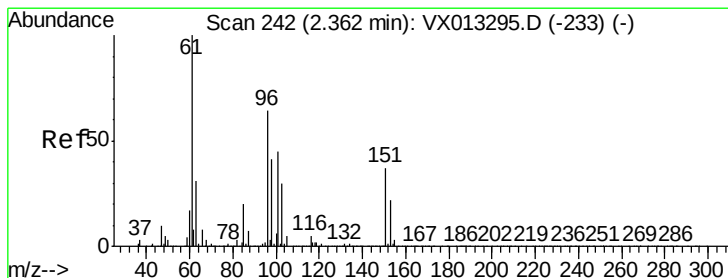
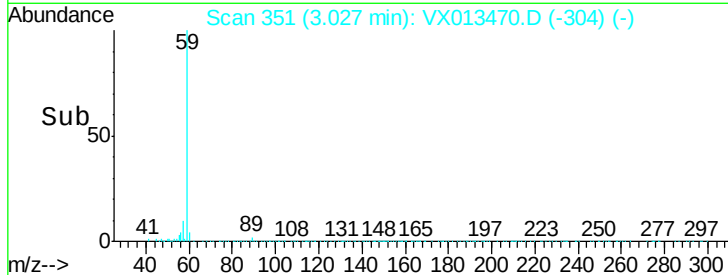
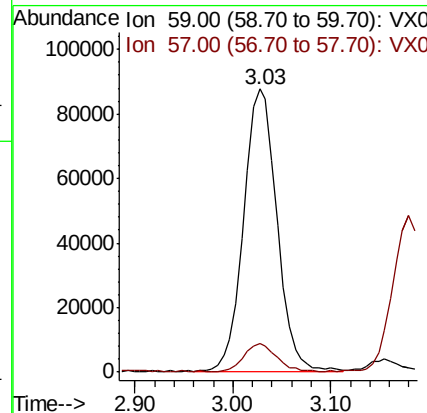
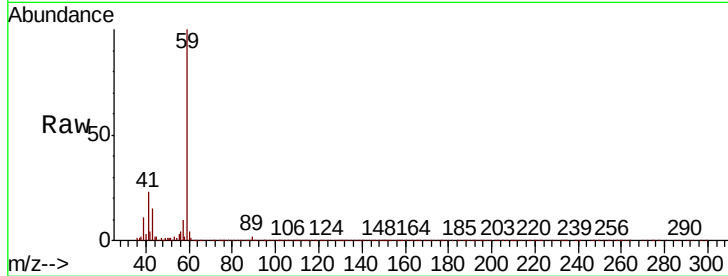


#11

Tert butyl alcohol
 Concen: 94.487 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

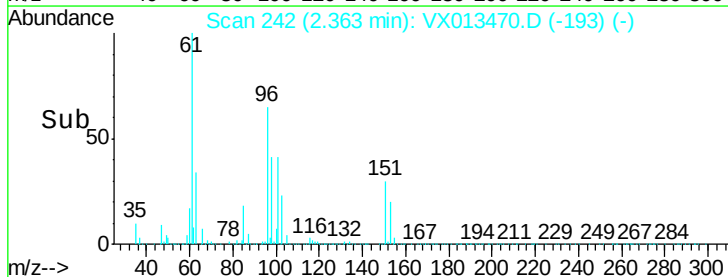
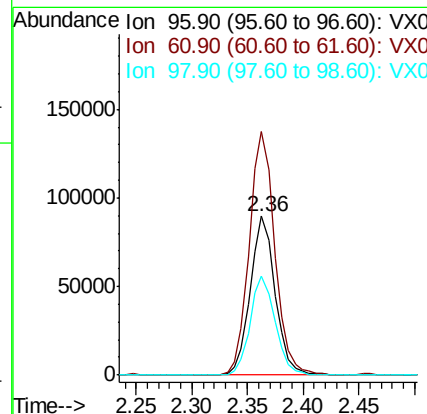
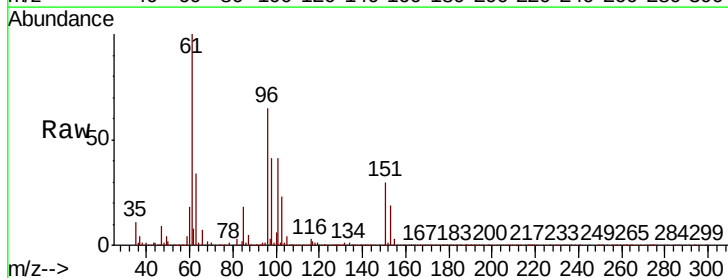
Tot Ion: 59 Resp: 207179
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.0 12.0

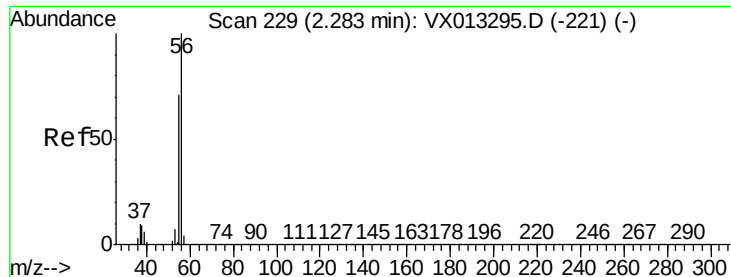


#12

1,1-Dichloroethene
 Concen: 21.668 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion: 96 Resp: 139572
 Ion Ratio Lower Upper
 96 100
 61 153.6 125.0 187.6
 98 62.1 50.7 76.1

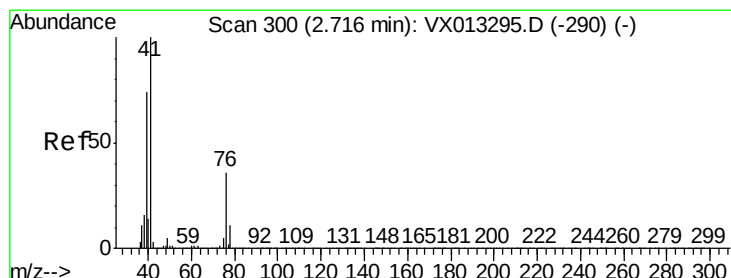
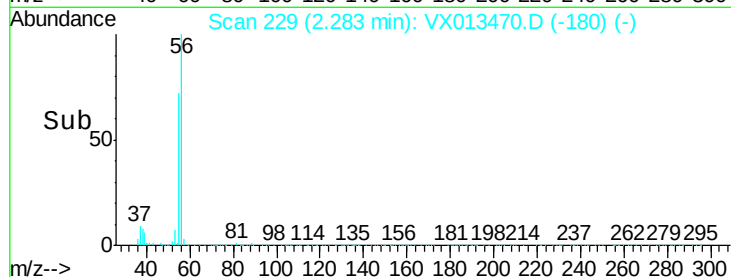
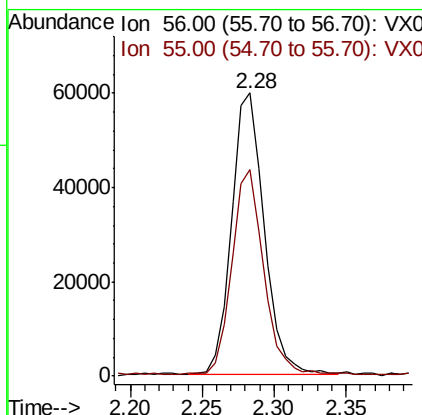
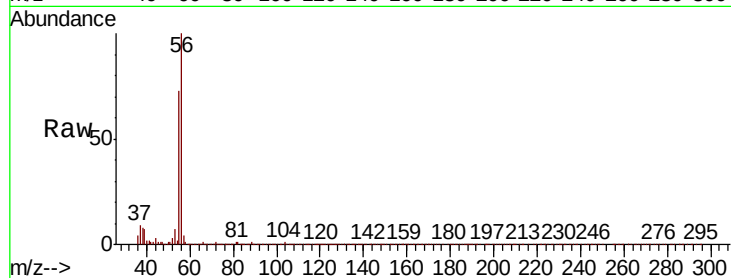




#13
Acrolein
Concen: 79.592 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

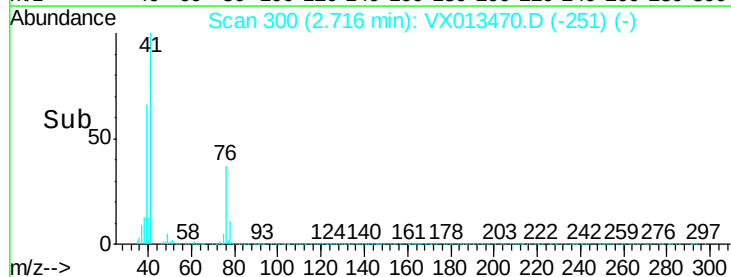
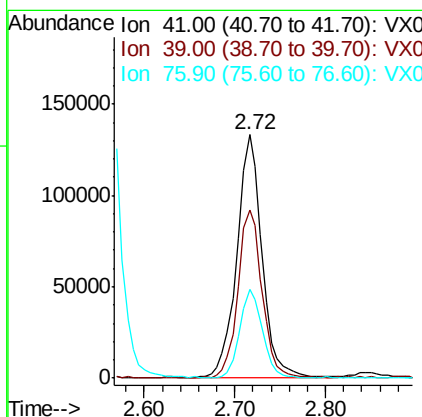
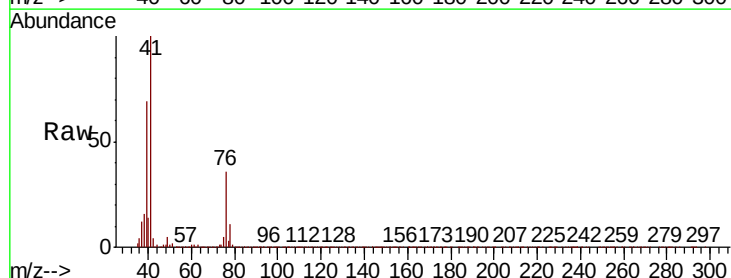
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

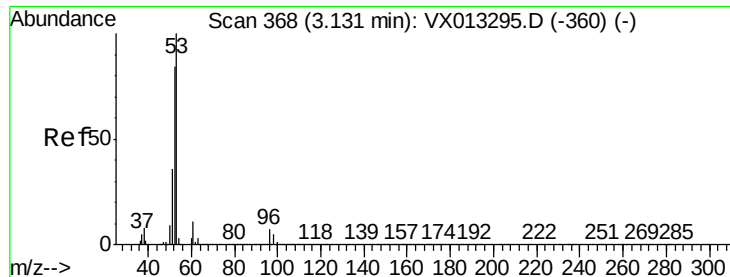
Tot Ion: 56 Resp: 94584
Ion Ratio Lower Upper
56 100
55 71.6 57.4 86.0



#14
Allyl chloride
Concen: 21.775 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 41 Resp: 254844
Ion Ratio Lower Upper
41 100
39 67.6 55.8 83.8
76 32.6 26.4 39.6





#15

Acrylonitrile

Concen: 109.123 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

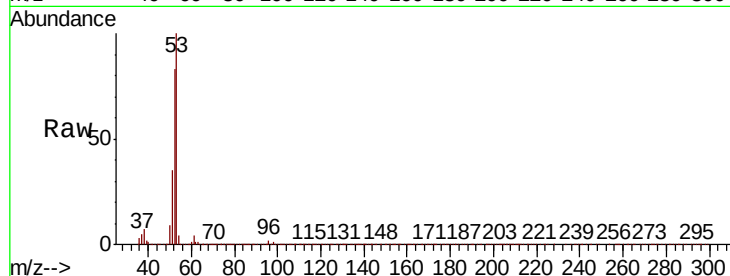
Tot Ion: 53 Resp: 446948

Ion Ratio Lower Upper

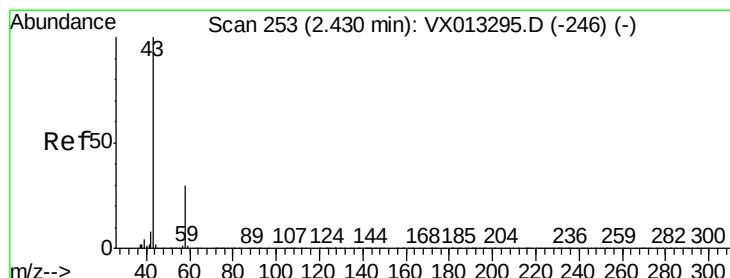
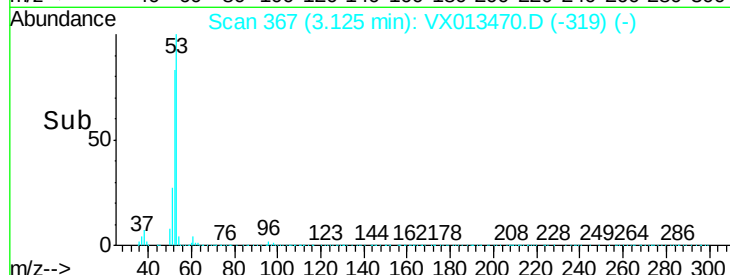
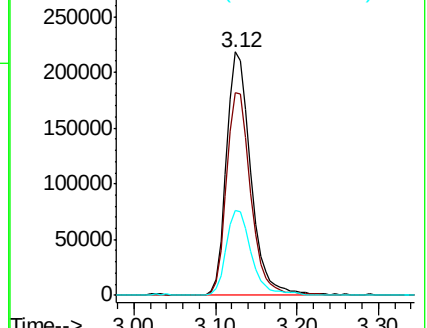
53 100

52 83.9 67.4 101.0

51 36.2 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX013470.D (-319) (-)



#16

Acetone

Concen: 102.189 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013470.D

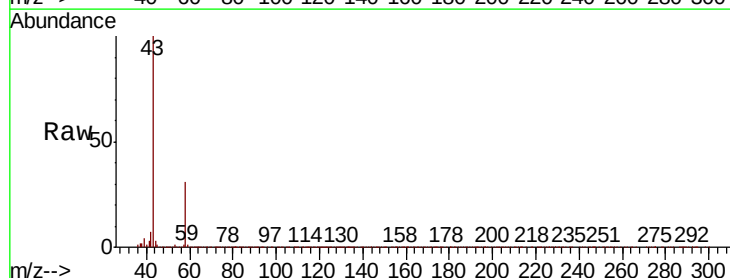
Acq: 20 Nov 2019 11:03

Tgt Ion: 43 Resp: 424029

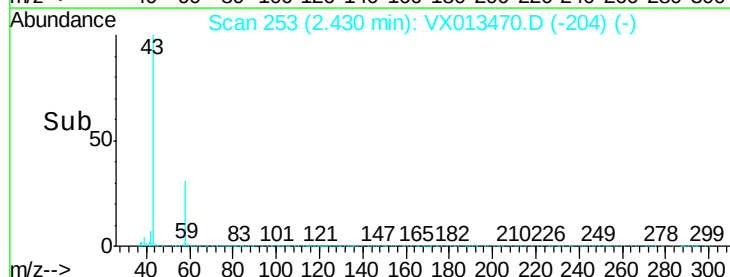
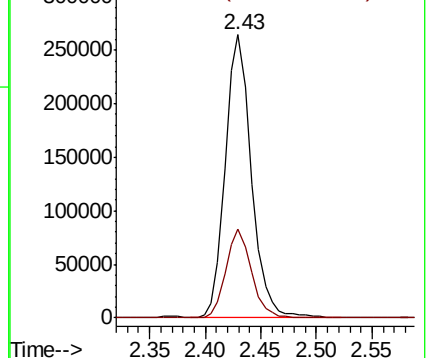
Ion Ratio Lower Upper

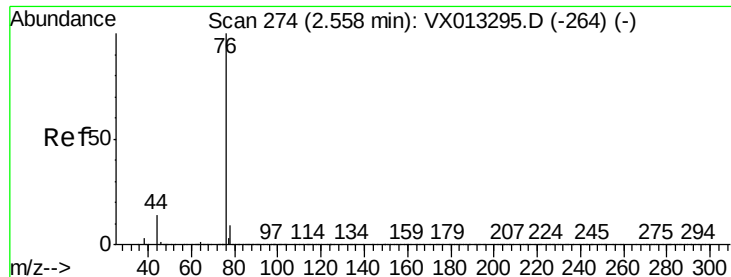
43 100

58 31.2 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX013470.D (-204) (-)





#17

Carbon Disulfide

Concen: 19.432 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

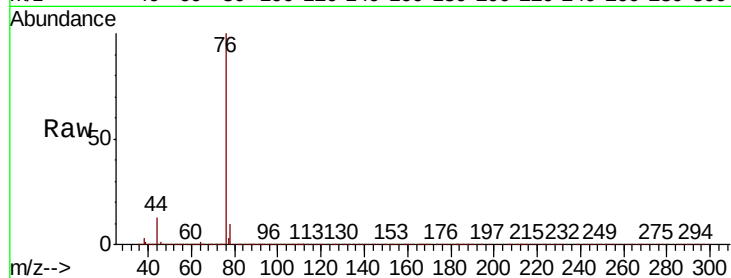
VX1120WBS01

Tot Ion: 76 Resp: 335006

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

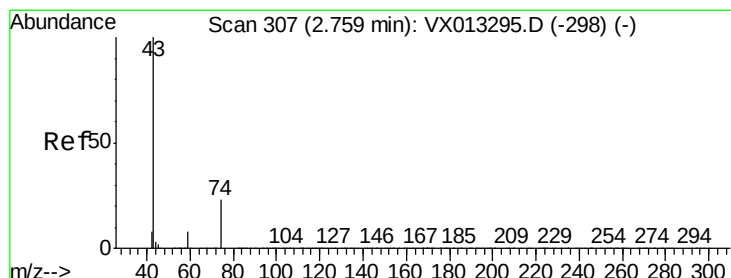
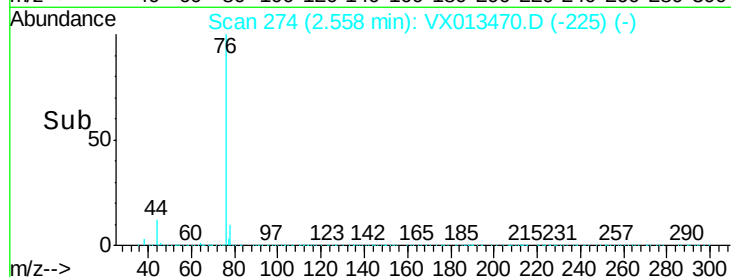
150000

100000

50000

0

Time--> 2.40 2.50 2.60 2.70



#18

Methyl Acetate

Concen: 22.601 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013470.D

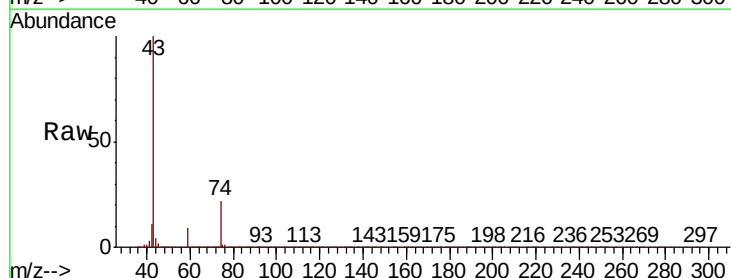
Acq: 20 Nov 2019 11:03

Tgt Ion: 43 Resp: 258910

Ion Ratio Lower Upper

43 100

74 23.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

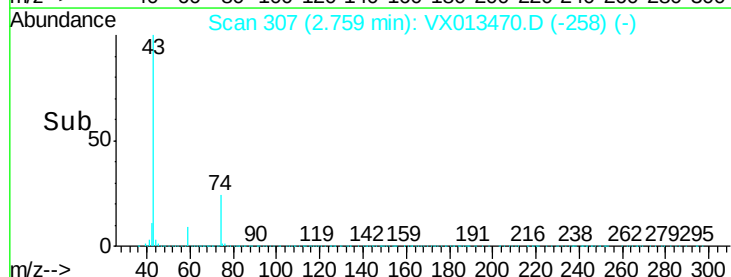
150000

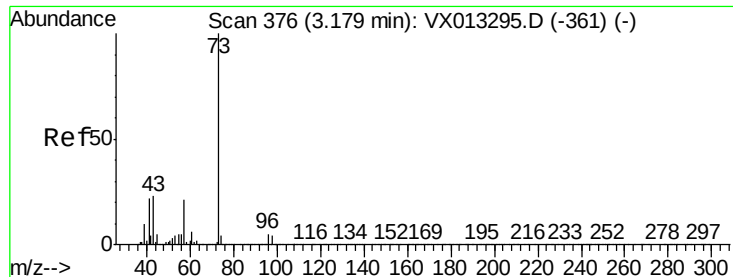
100000

50000

0

Time--> 2.65 2.70 2.75 2.80 2.85

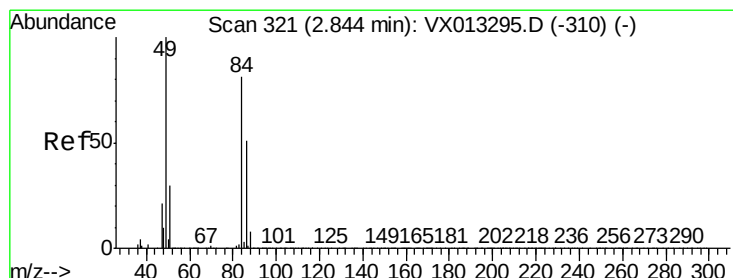
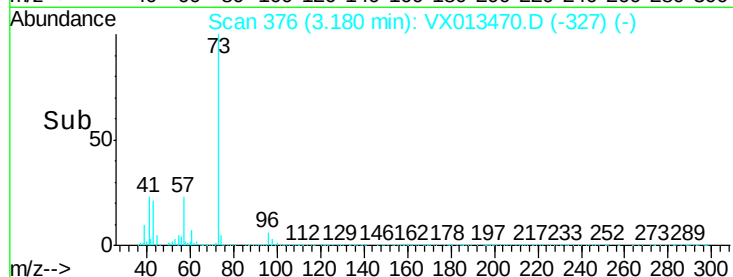
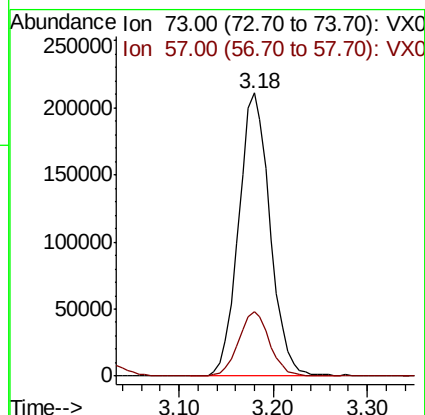
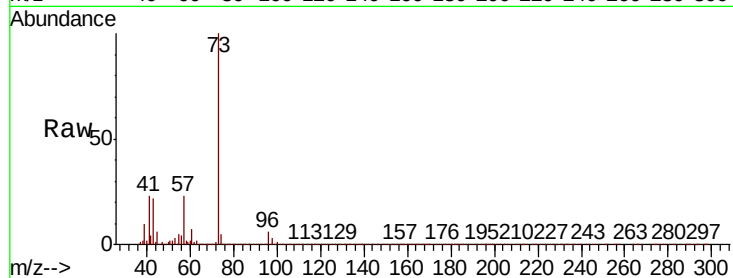




#19
Methyl tert-butyl Ether
Concen: 22.720 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

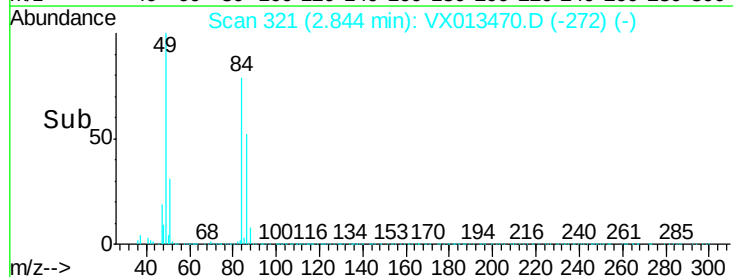
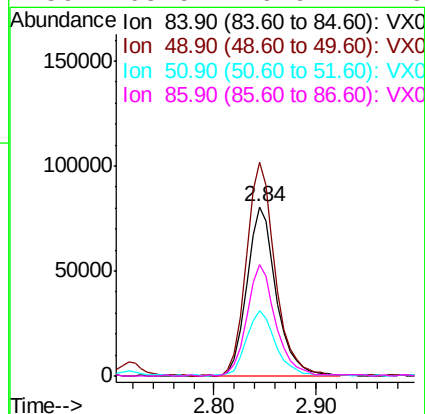
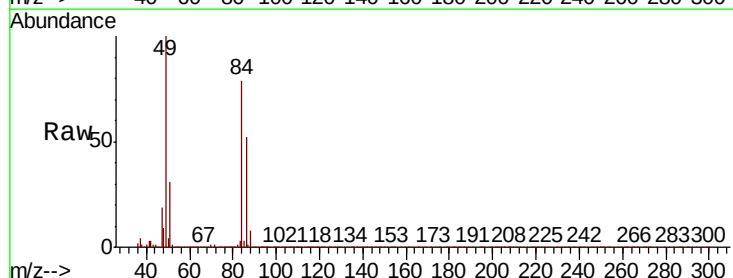
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

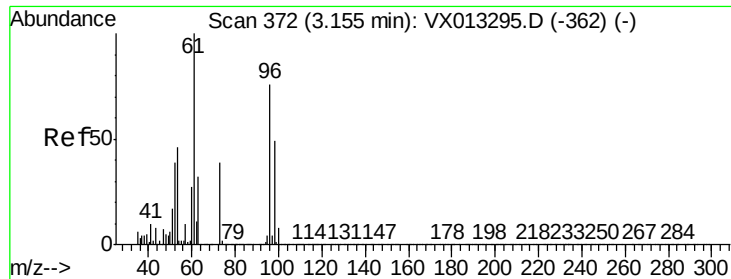
Tot Ion: 73 Resp: 488101
Ion Ratio Lower Upper
73 100
57 22.9 17.1 25.7



#20
Methylene Chloride
Concen: 20.843 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 84 Resp: 159796
Ion Ratio Lower Upper
84 100
49 125.8 98.2 147.4
51 38.2 29.9 44.9
86 65.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.146 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

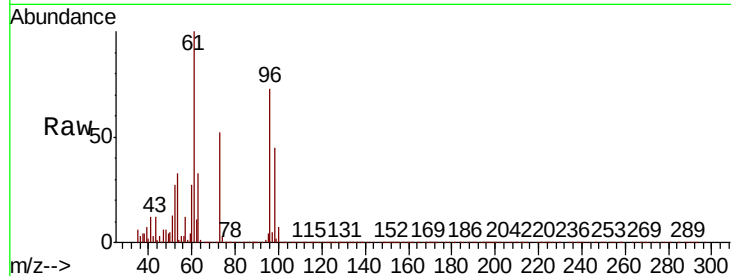
Tot Ion: 96 Resp: 148301

Ion Ratio Lower Upper

96 100

61 137.6 105.8 158.6

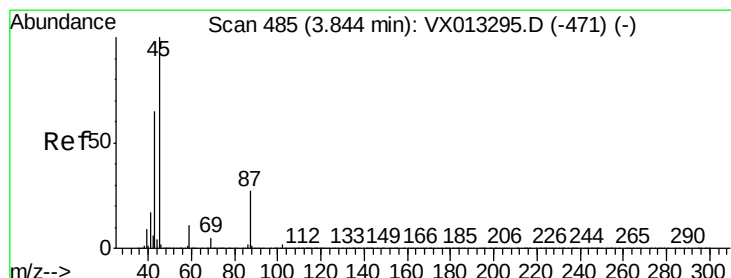
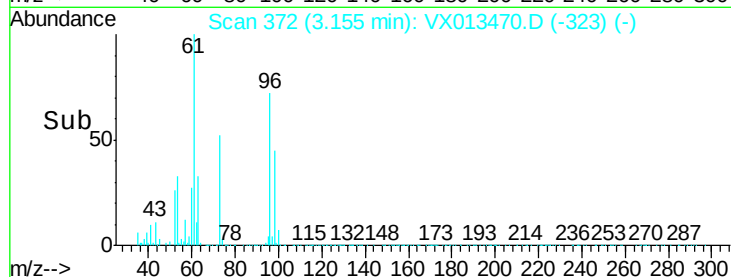
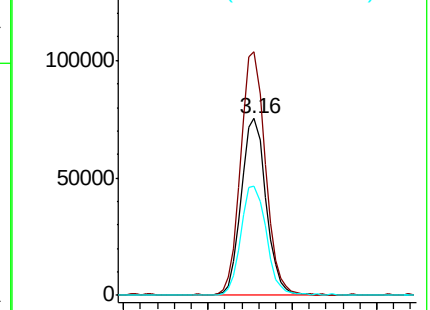
98 61.8 51.8 77.6



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: 23.383 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion: 45 Resp: 528335

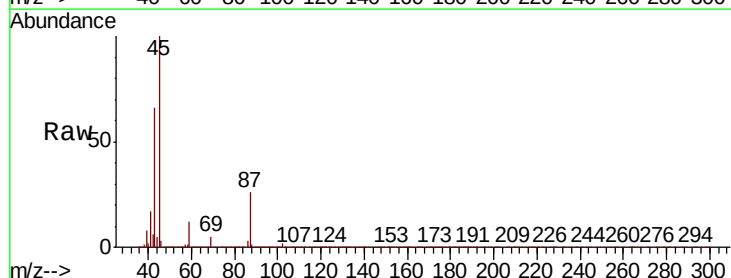
Ion Ratio Lower Upper

45 100

43 66.1 54.2 81.2

87 26.3 21.8 32.8

59 11.5 8.5 12.7

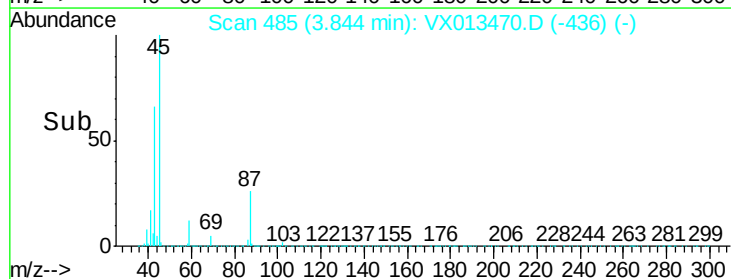
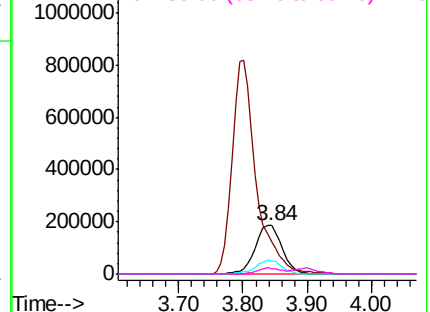


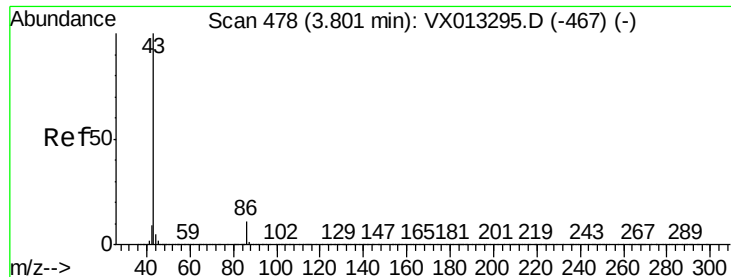
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 111.146 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

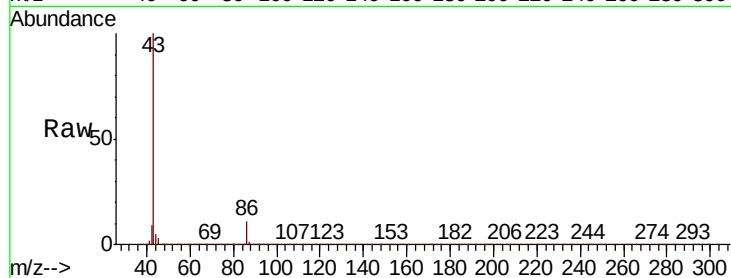
VX1120WBS01

Tot Ion: 43 Resp: 2148942

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

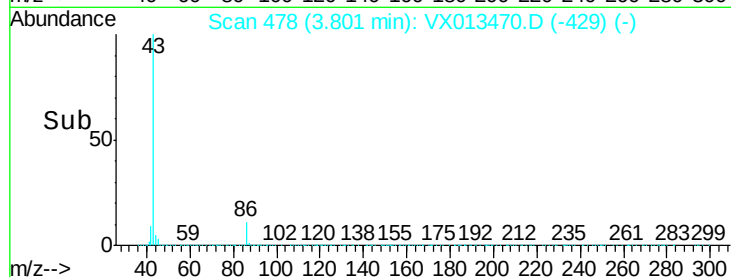
600000

400000

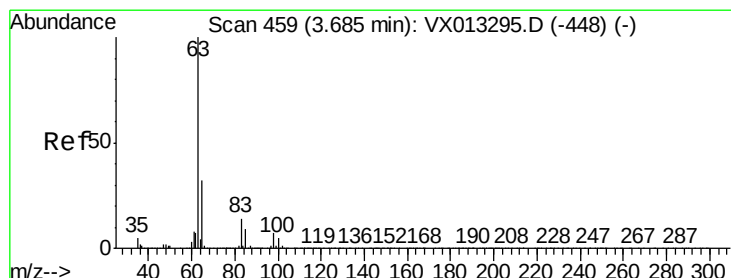
200000

0

3.60 3.70 3.80 3.90 4.00



Time-->



#24

1,1-Dichloroethane

Concen: 22.101 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

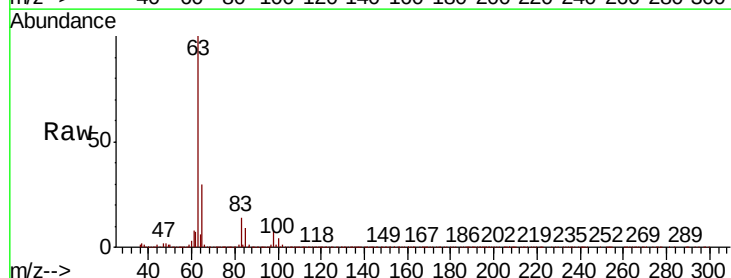
Tgt Ion: 63 Resp: 279346

Ion Ratio Lower Upper

63 100

98 8.3 3.5 10.4

100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

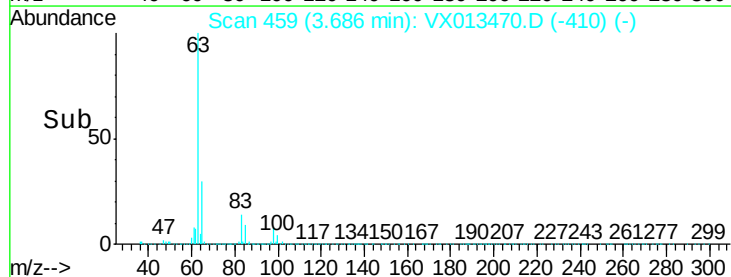
150000

100000

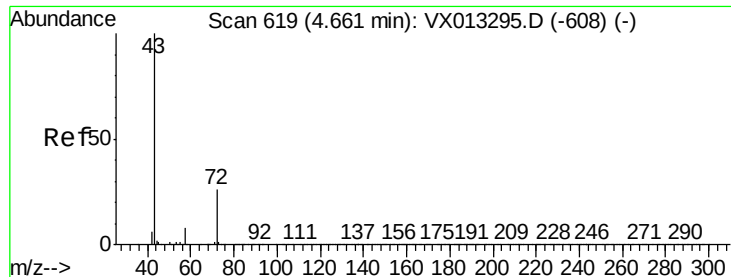
50000

0

3.60 3.70 3.80



Time-->



#25

2-Butanone

Concen: 107.763 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

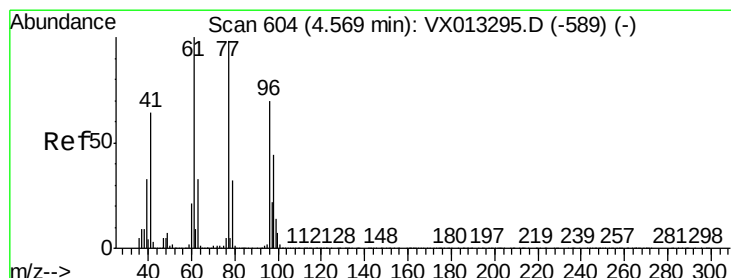
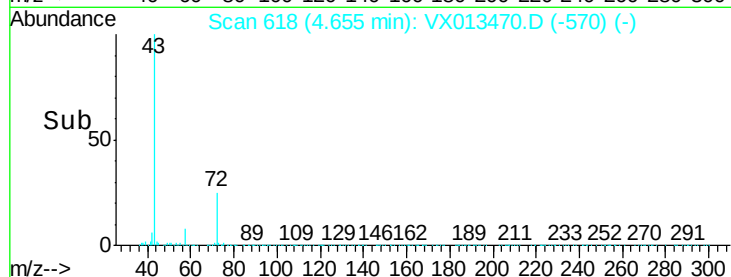
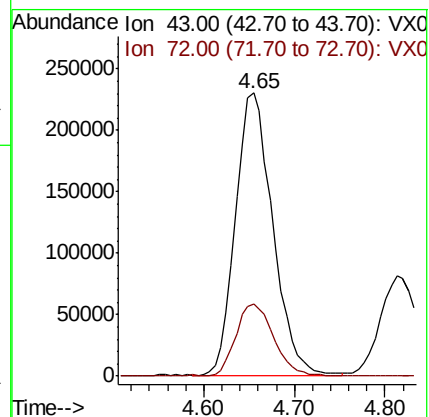
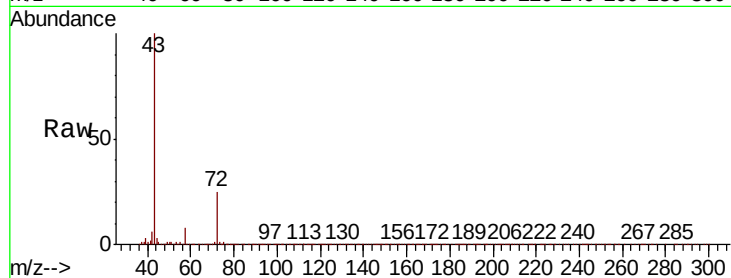
VX1120WBS01

Tot Ion: 43 Resp: 655986

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 22.645 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013470.D

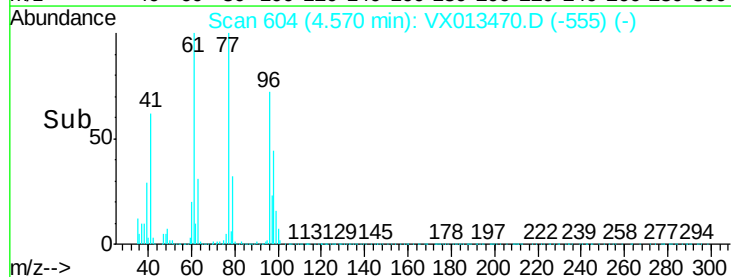
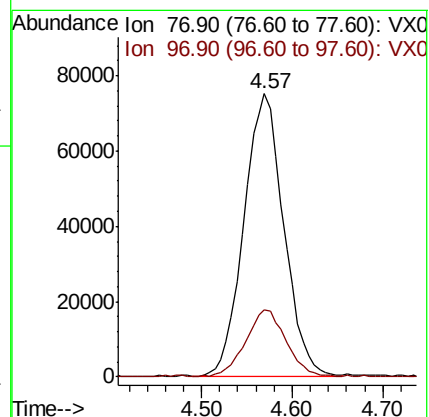
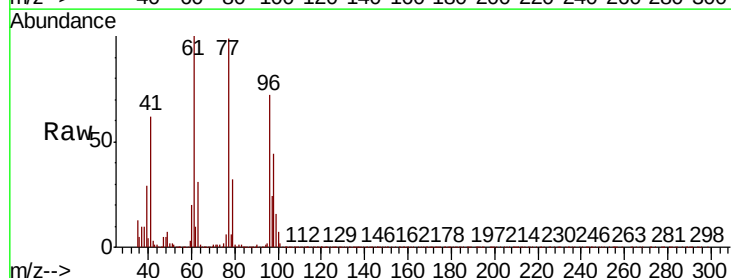
Acq: 20 Nov 2019 11:03

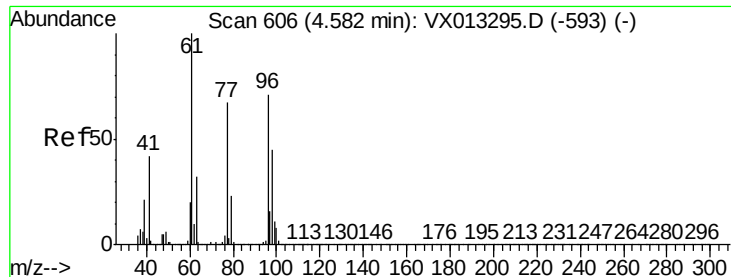
Tgt Ion: 77 Resp: 227702

Ion Ratio Lower Upper

77 100

97 24.4 11.3 33.8



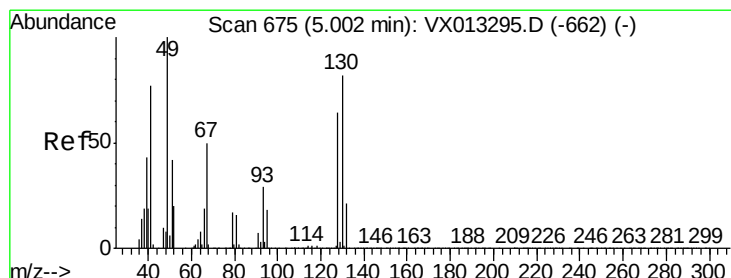
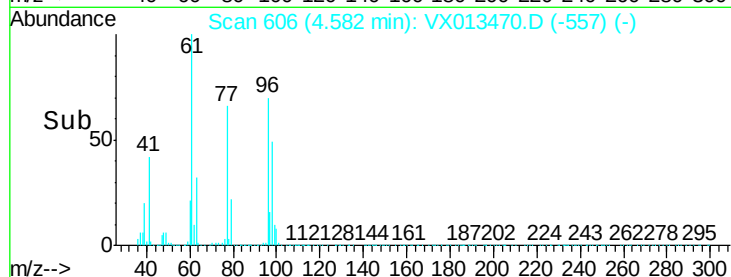
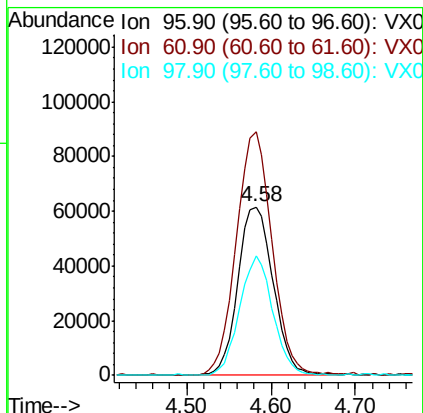
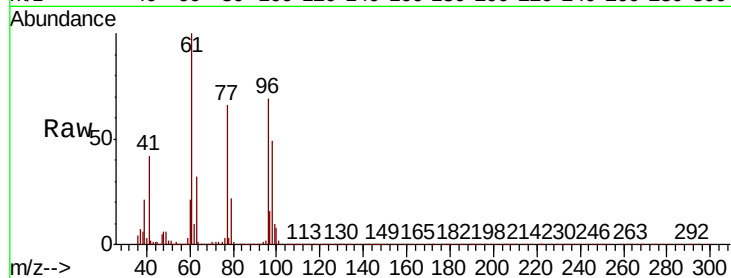


#27

cis-1,2-Dichloroethene
Concen: 22.323 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

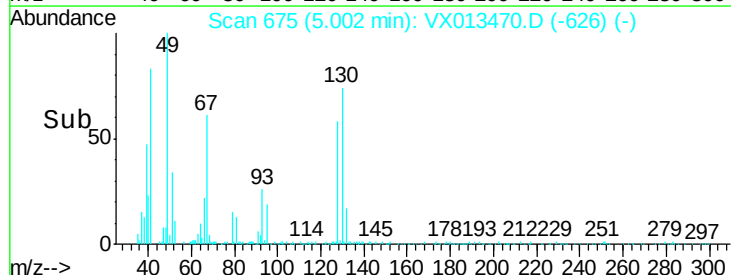
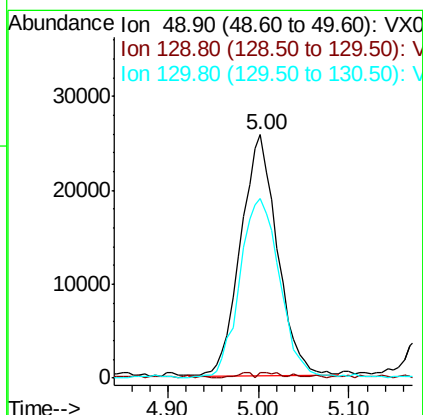
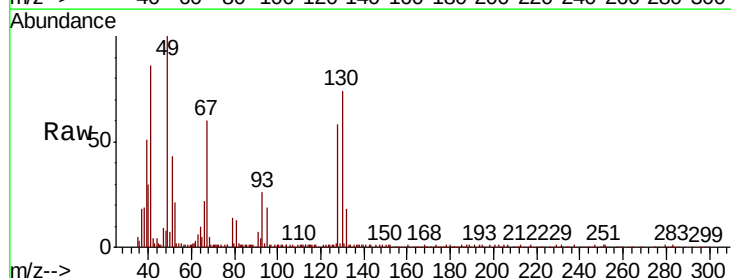
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	288.0
98	66.9	0.0	129.6

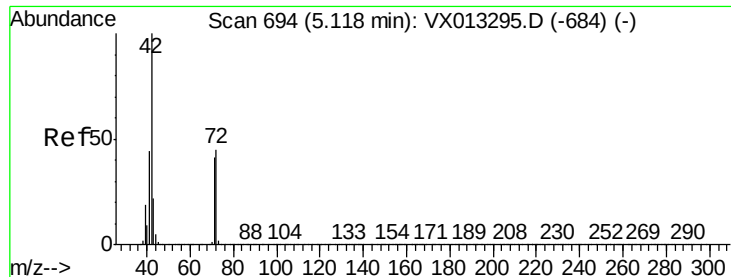


#28

Bromochloromethane
Concen: 19.995 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.2
130	81.6	63.8	95.6





#29

Tetrahydrofuran

Concen: 107.617 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampled :

VX1120WBS01

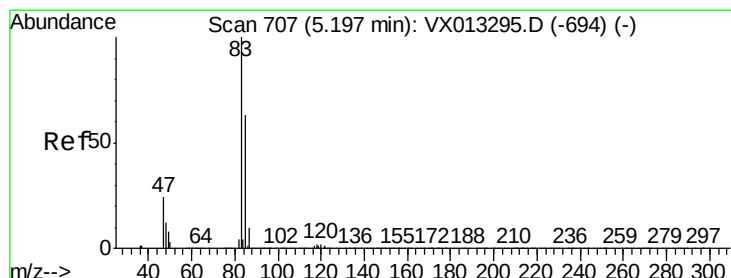
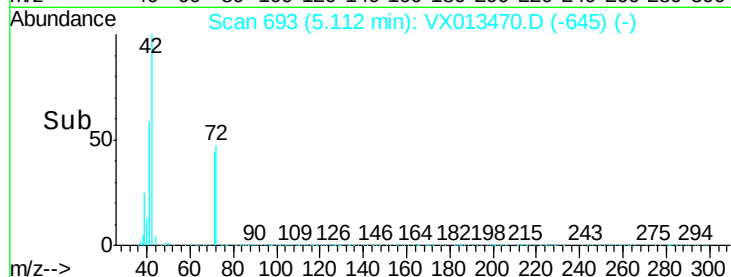
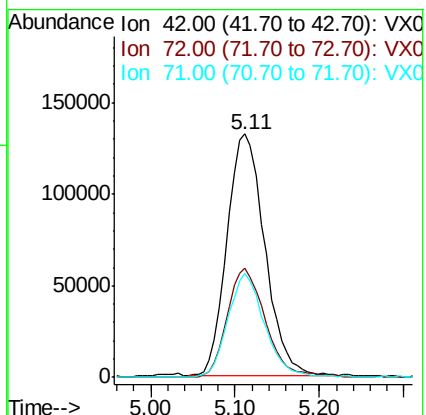
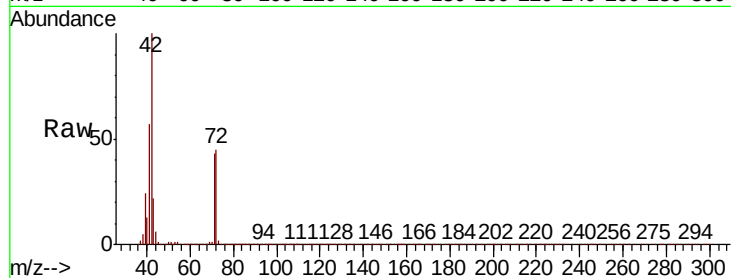
Tot Ion: 42 Resp: 403699

Ion Ratio Lower Upper

42 100

72 45.5 35.8 53.8

71 41.7 33.4 50.0



#30

Chloroform

Concen: 22.703 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013470.D

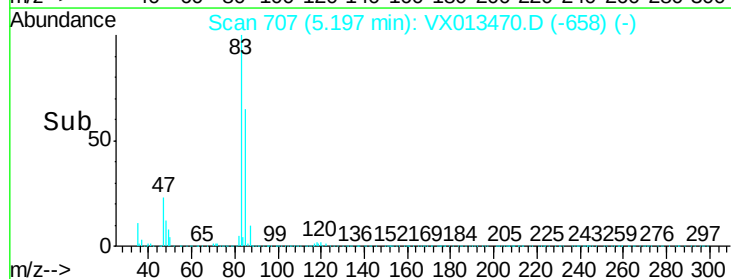
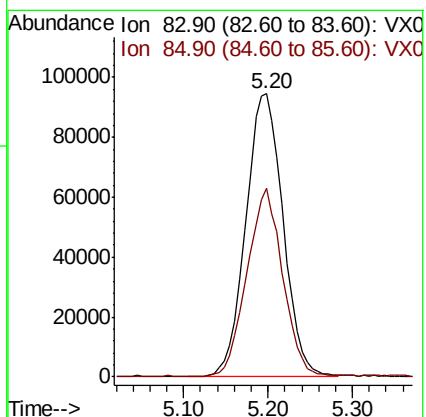
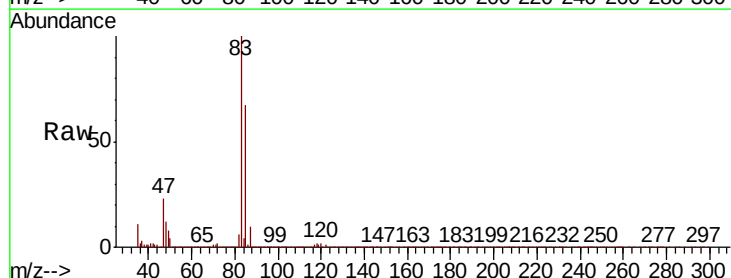
Acq: 20 Nov 2019 11:03

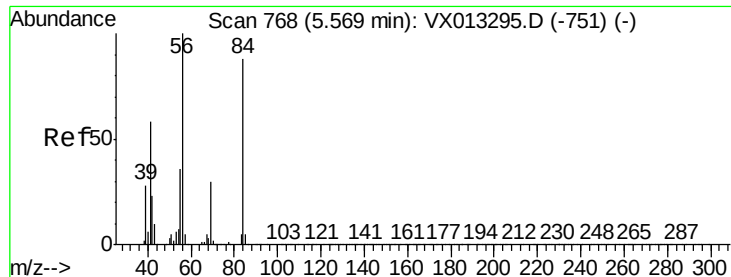
Tgt Ion: 83 Resp: 283352

Ion Ratio Lower Upper

83 100

85 66.6 50.2 75.4

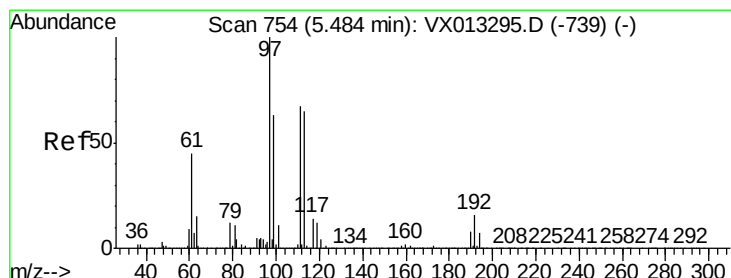
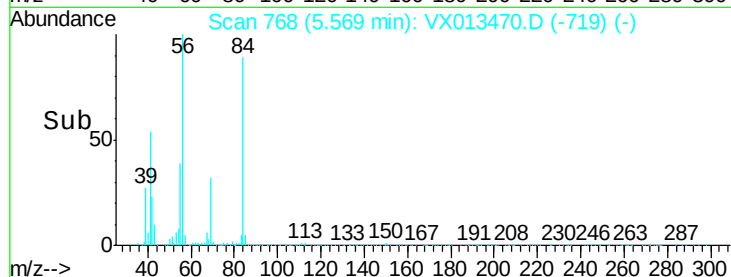
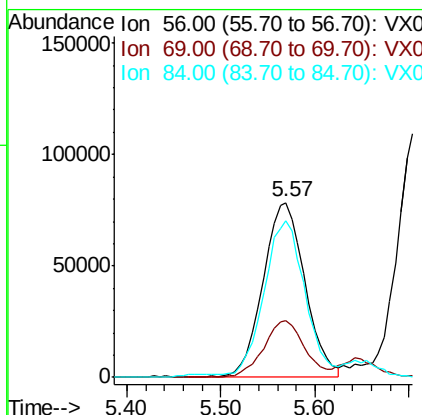
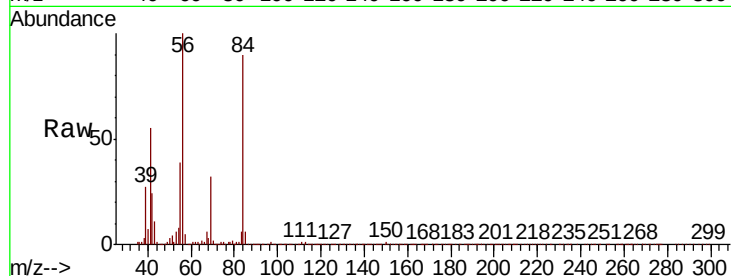




#31
Cyclohexane
Concen: 21.464 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

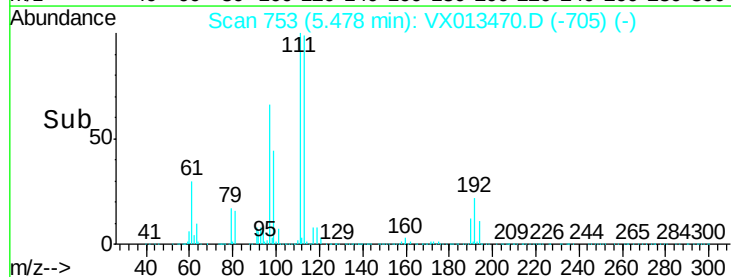
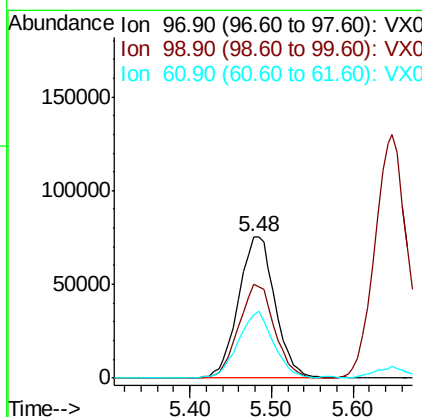
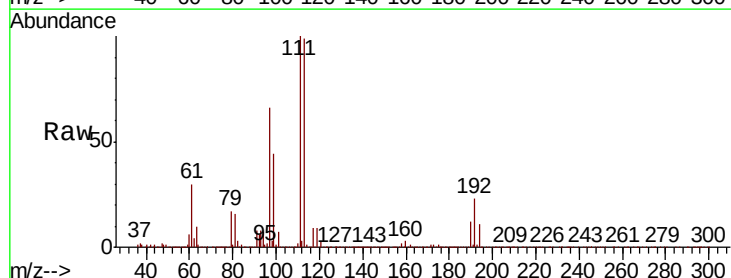
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

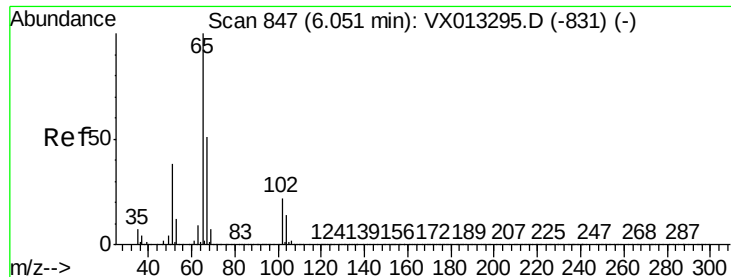
Tot Ion: 56 Resp: 244126
Ion Ratio Lower Upper
56 100
69 32.3 23.7 35.5
84 88.1 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 21.666 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 97 Resp: 232720
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 45.2 36.5 54.7

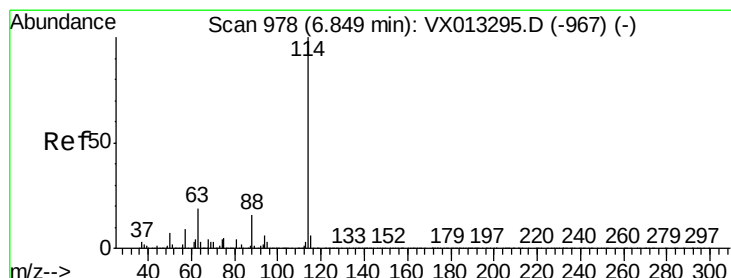
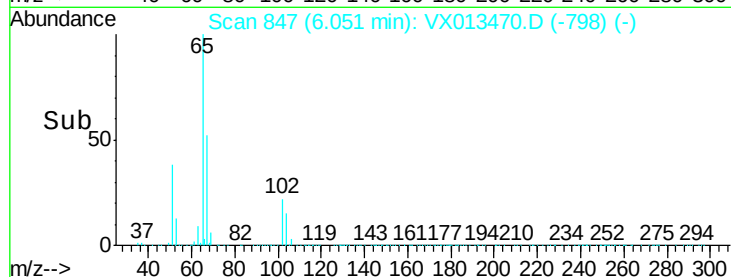
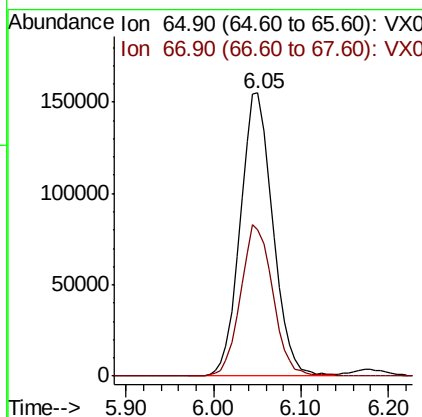
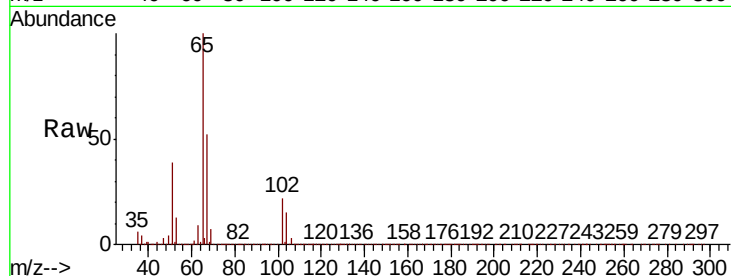




#33
 1,2-Dichloroethane-d4
 Concen: 48.103 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

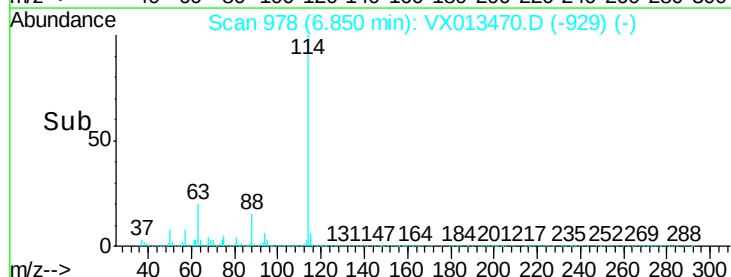
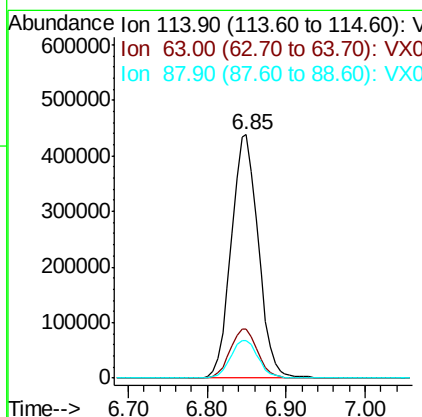
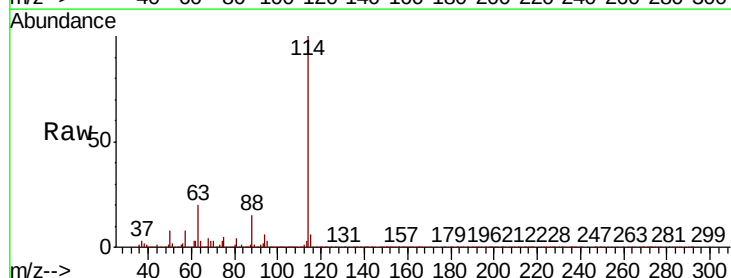
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

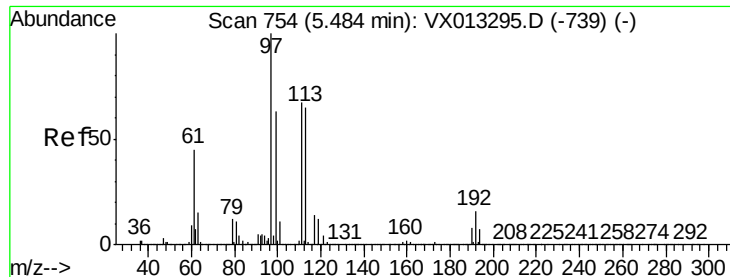
Tot Ion: 65 Resp: 400171
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion: 114 Resp: 1045147
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 15.4 0.0 32.2

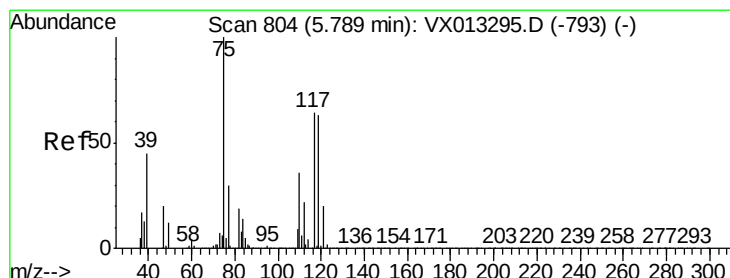
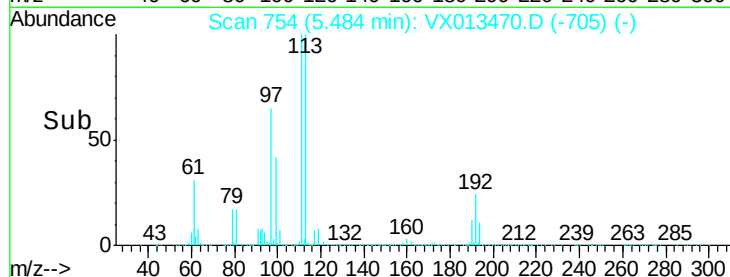
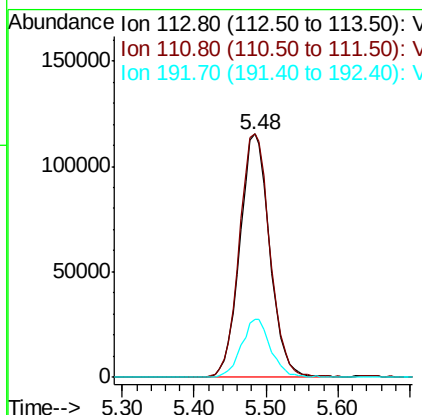
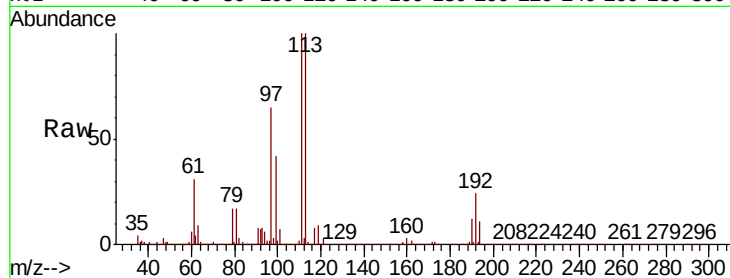




#35
 Dibromofluoromethane
 Concen: 50.481 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

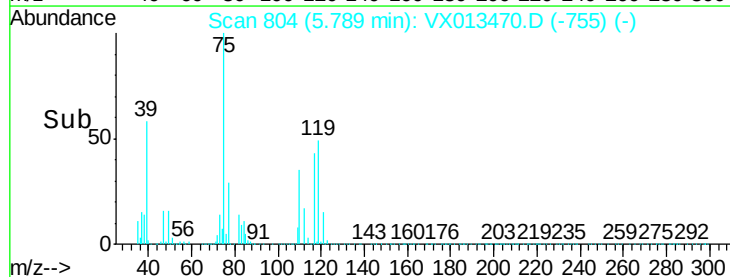
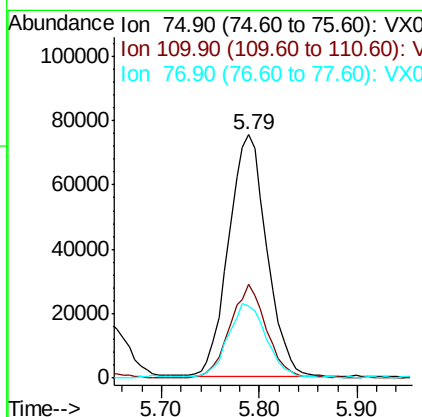
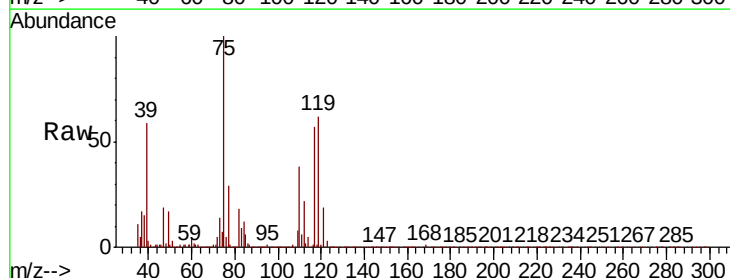
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

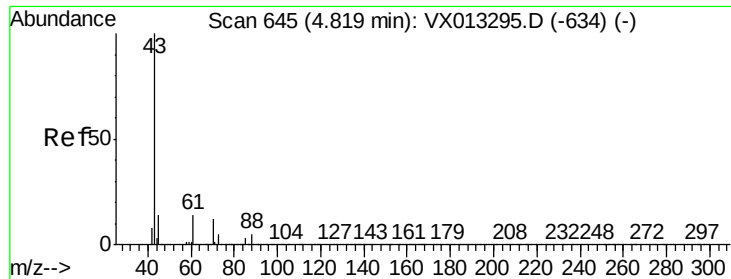
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	23.2	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 22.764 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.1
77	30.4	25.0	37.4

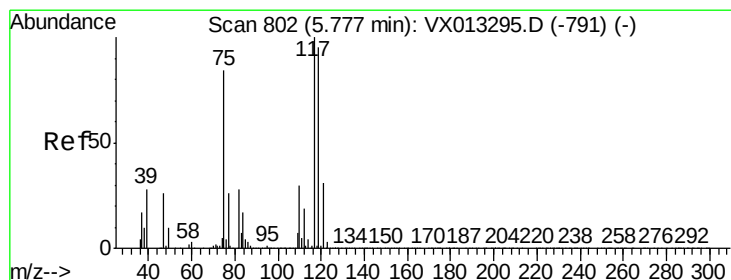
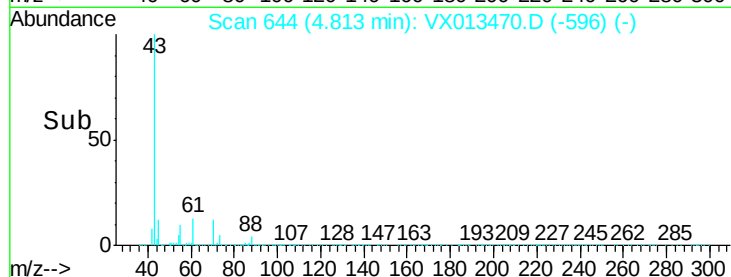
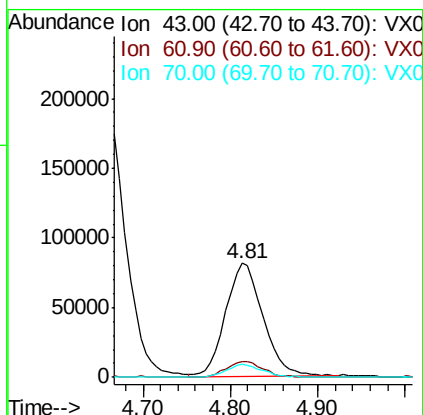
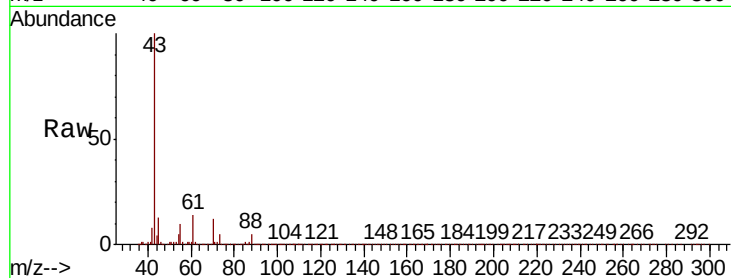




#37
Ethyl Acetate
Concen: 21.782 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

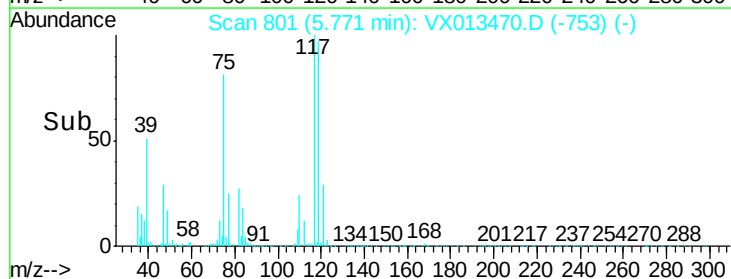
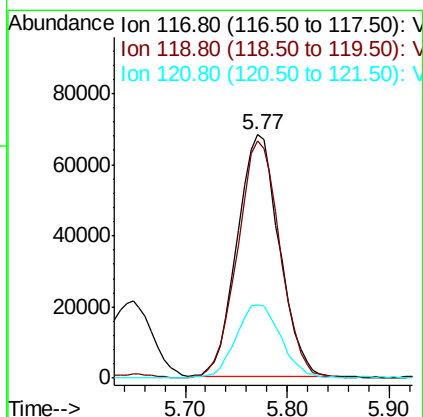
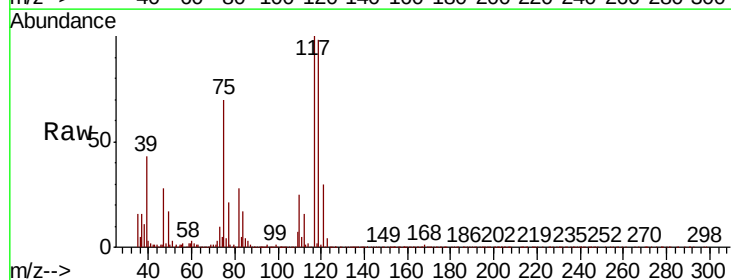
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

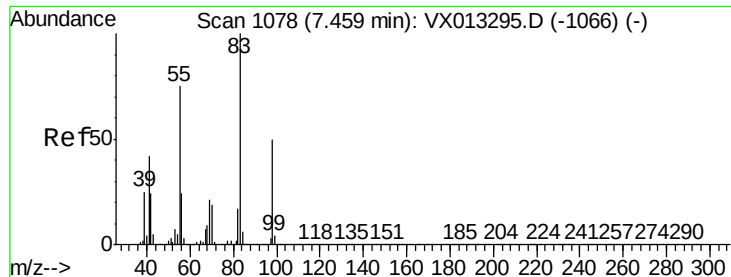
Tot Ion: 43 Resp: 241326
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 22.428 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 117 Resp: 196639
Ion Ratio Lower Upper
117 100
119 97.9 76.1 114.1
121 29.9 24.6 37.0

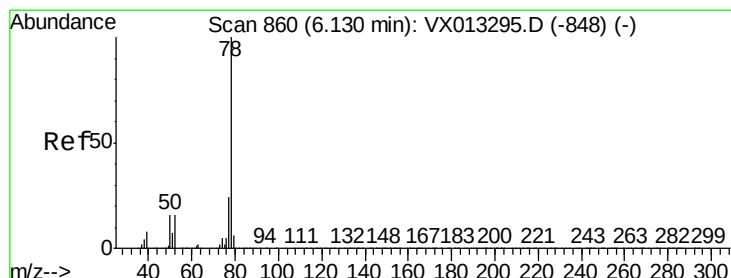
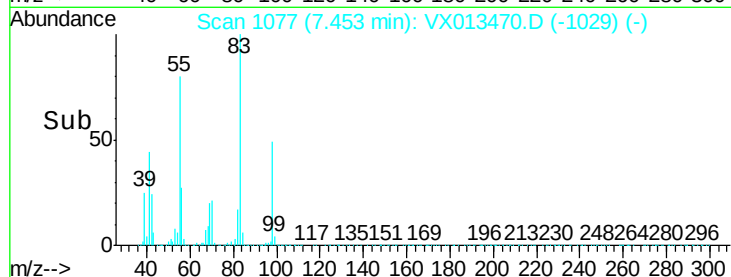
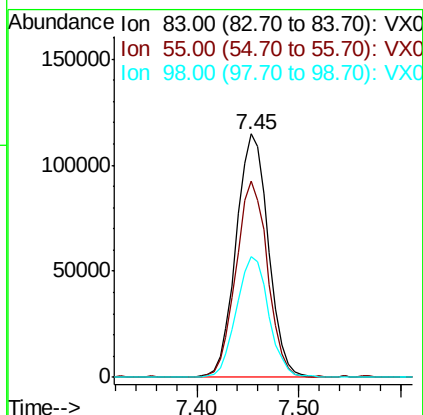
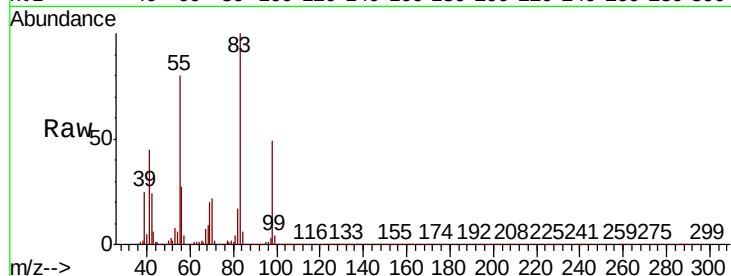




#39
Methylvlcyclohexane
Concen: 22.409 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

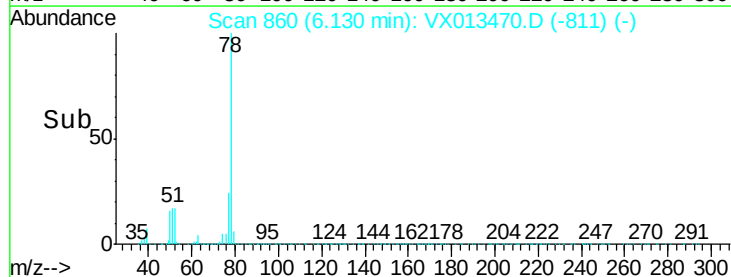
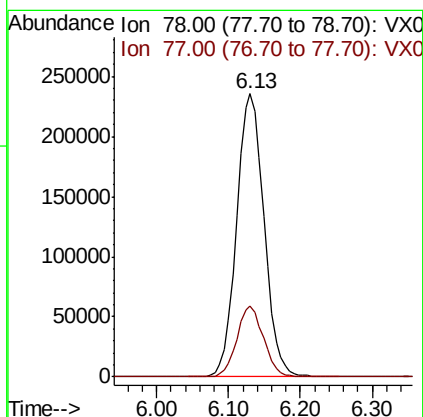
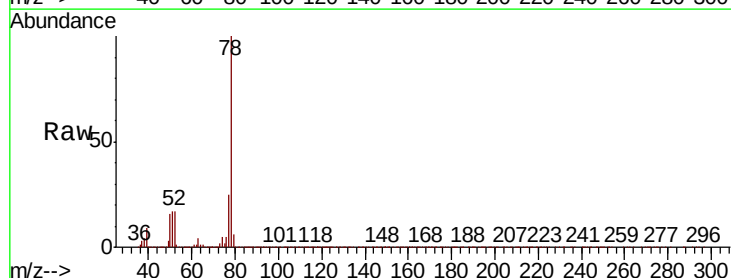
Instrument :
MSVOA_X
ClientSampled :
VX1120WBS01

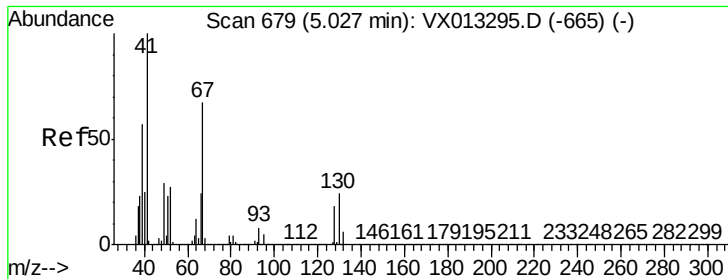
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	60.3	90.5
98	49.2	40.3	60.5



#40
Benzene
Concen: 22.247 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.5	29.3

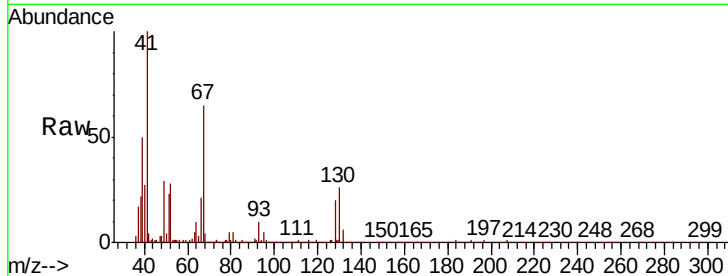




#41
Methacrylonitrile
Concen: 22.391 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion:	41	Resp:	139044
Ion	Ratio	Lower	Upper
41	100		
39	52.1	45.0	67.6
67	68.7	55.4	83.2
52	27.3	23.1	34.7



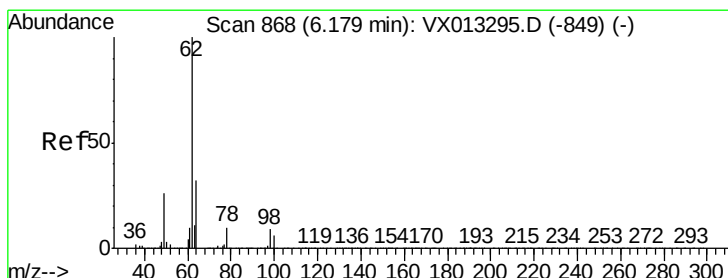
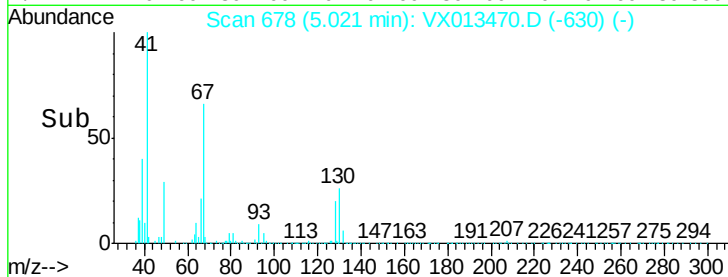
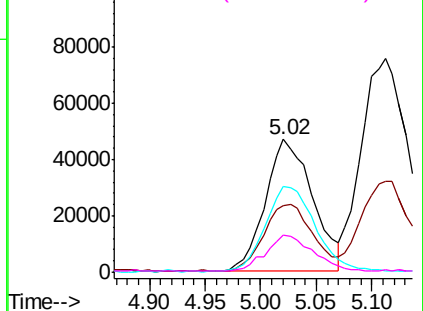
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

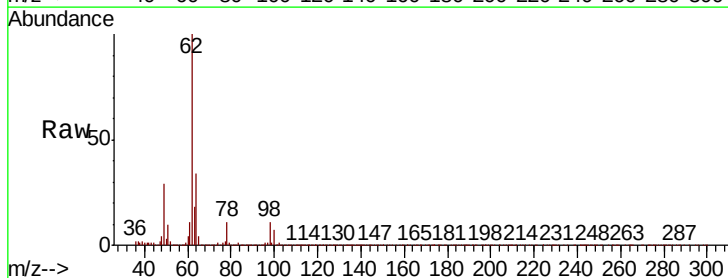
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 22.482 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

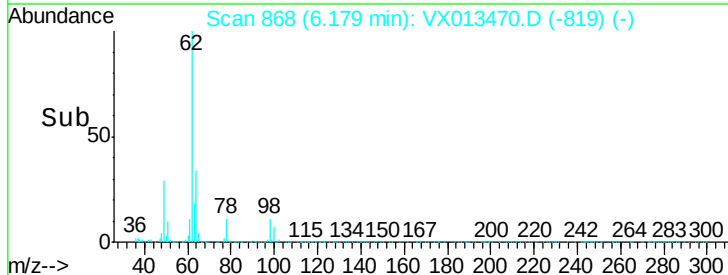
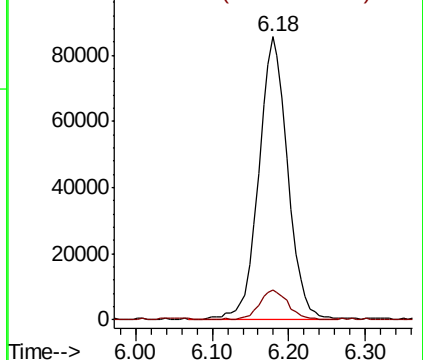
Tgt Ion:	62	Resp:	226486
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.4

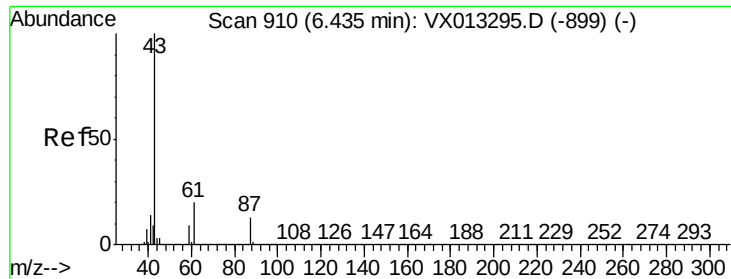


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 23.016 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

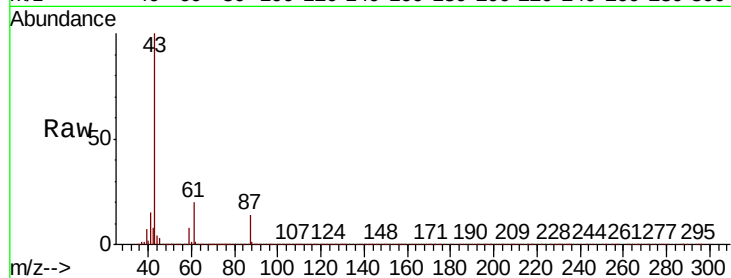
Tot Ion: 43 Resp: 397080

Ion Ratio Lower Upper

43 100

61 18.9 15.8 23.8

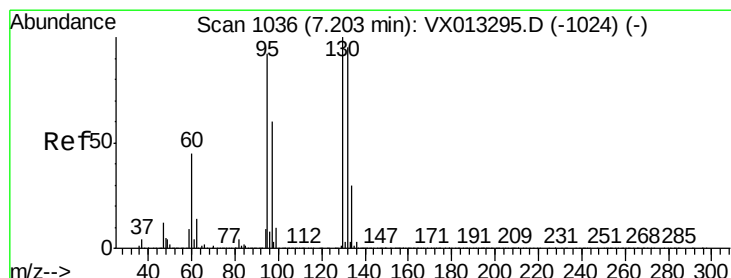
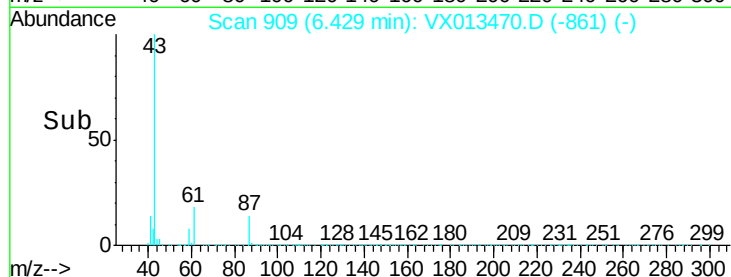
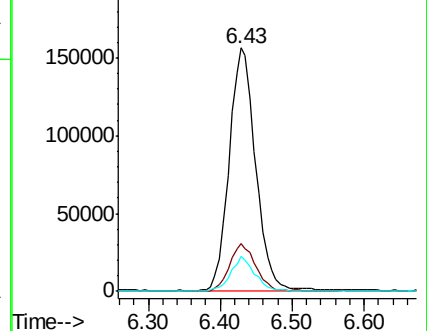
87 13.2 10.4 15.6



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: 22.031 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013470.D

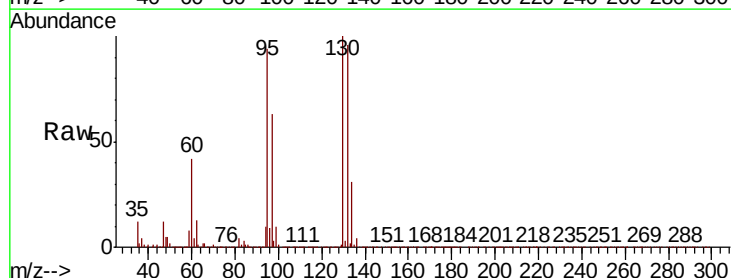
Acq: 20 Nov 2019 11:03

Tgt Ion:130 Resp: 169369

Ion Ratio Lower Upper

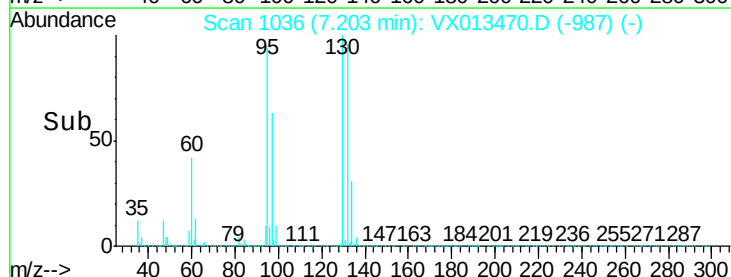
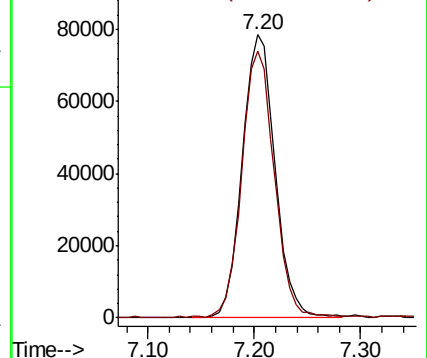
130 100

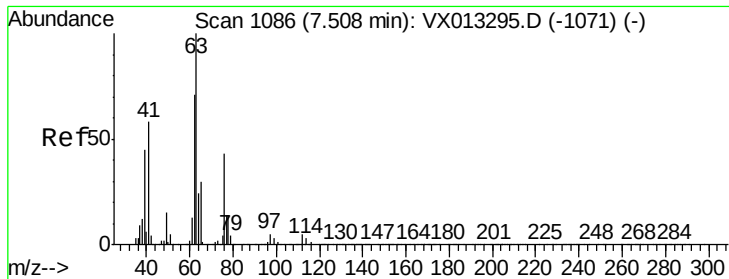
95 93.8 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

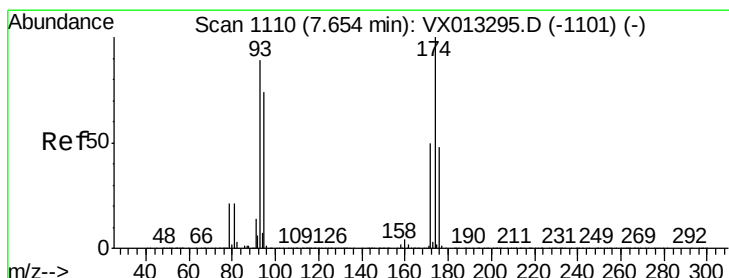
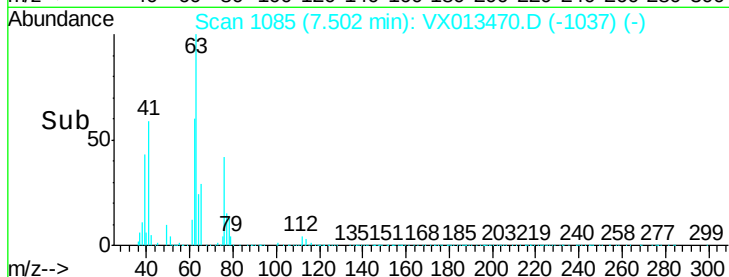
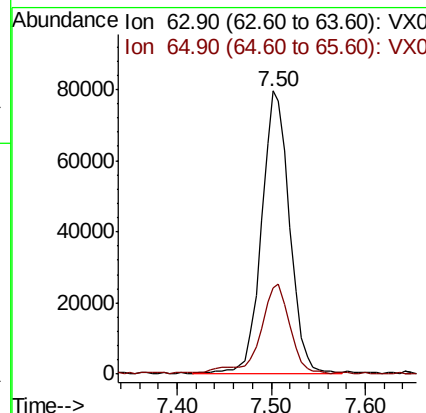
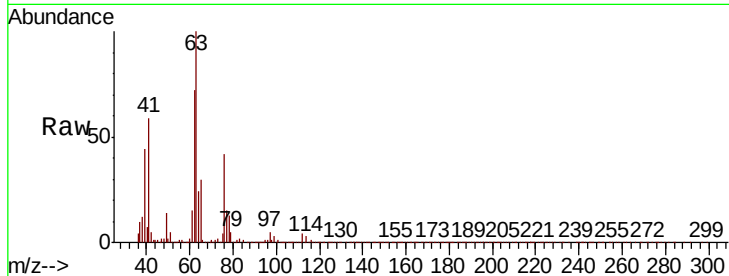




#45
 1,2-Dichloropropane
 Concen: 23.099 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

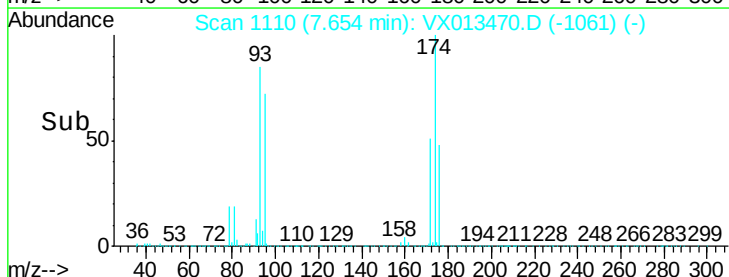
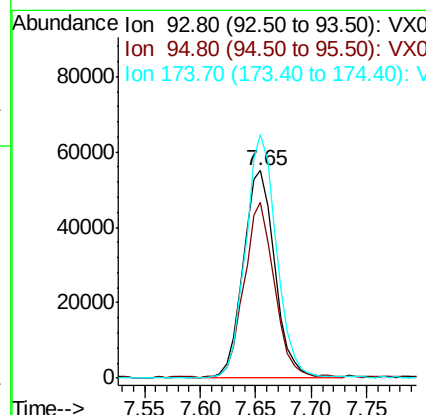
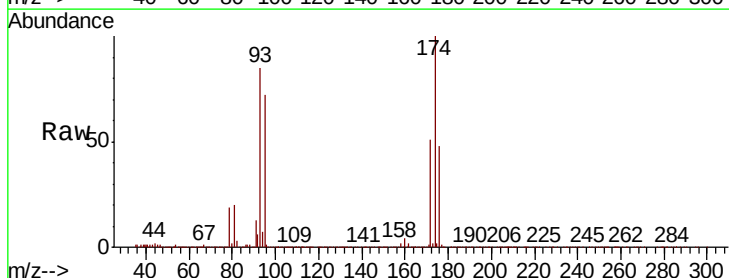
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

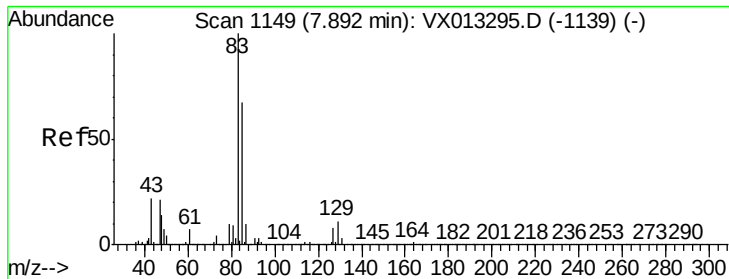
Tot Ion: 63 Resp: 164378
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.3 36.5



#46
 Dibromomethane
 Concen: 22.197 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion: 93 Resp: 107852
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.8 98.6
 174 115.4 90.4 135.6





#47

Bromodichloromethane

Concen: 23.510 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

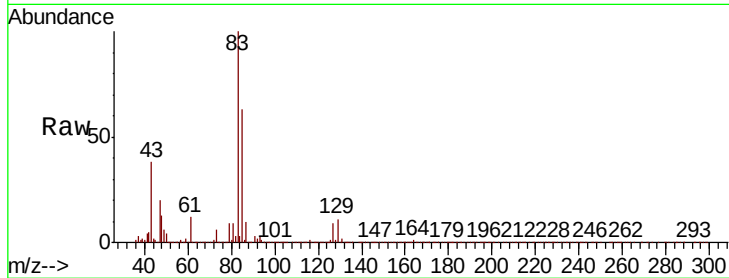
Tot Ion: 83 Resp: 215399

Ion Ratio Lower Upper

83 100

85 62.7 53.7 80.5

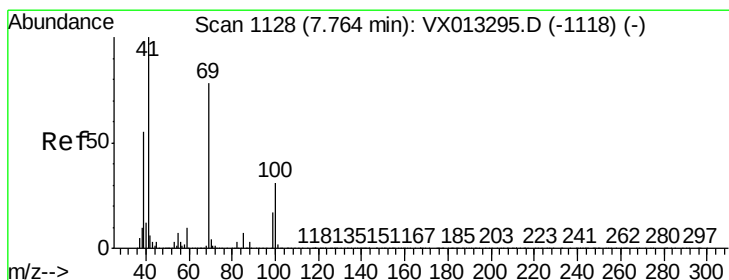
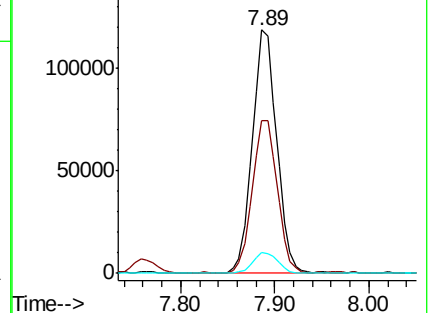
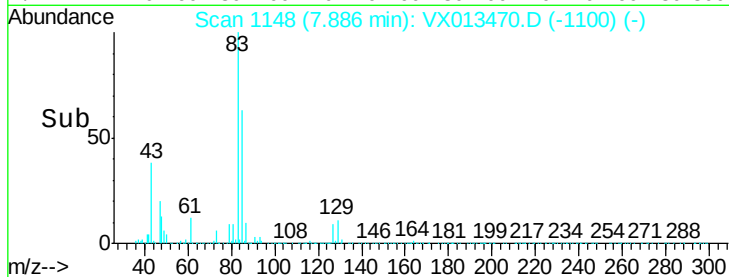
127 8.7 6.4 9.6



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: 22.520 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

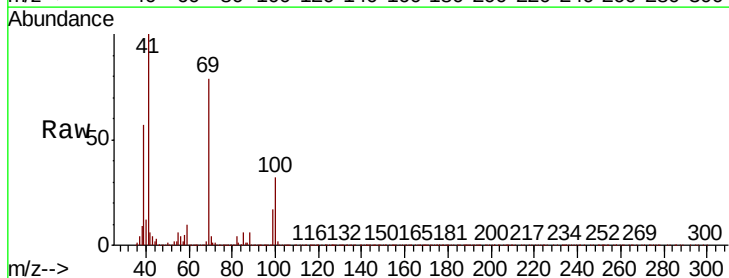
Tgt Ion: 41 Resp: 193935

Ion Ratio Lower Upper

41 100

69 81.3 63.0 94.6

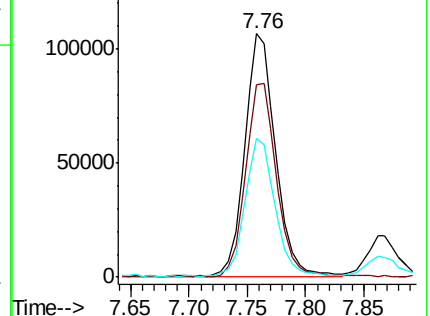
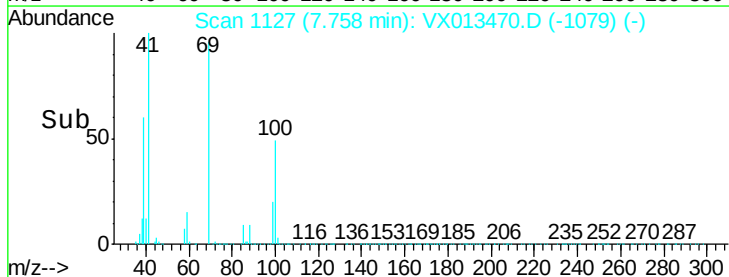
39 55.3 45.9 68.9

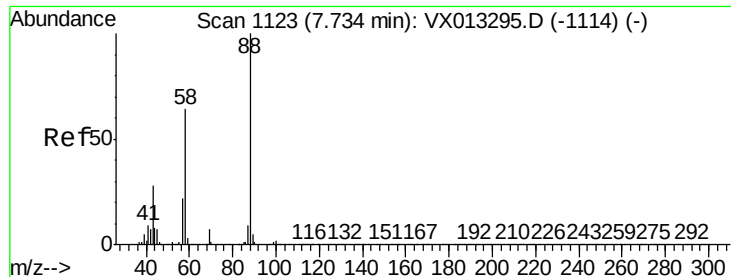


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

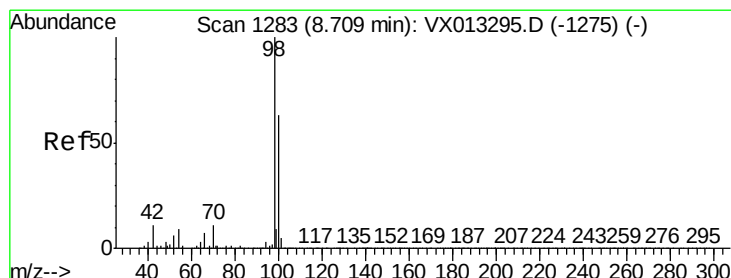
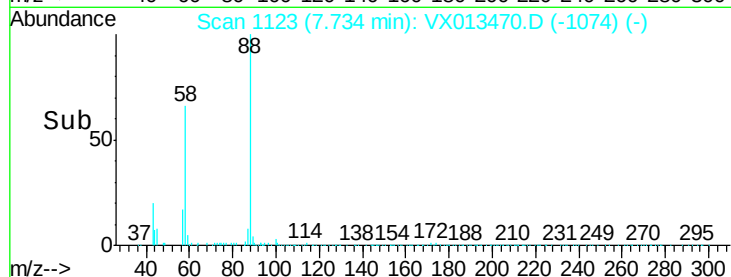
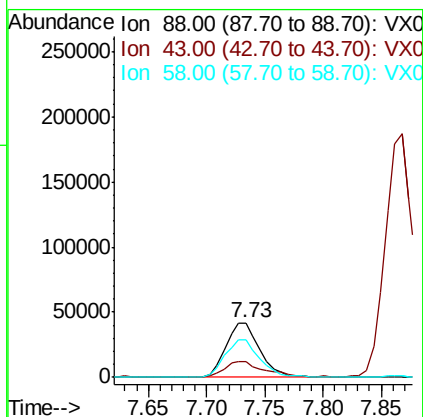
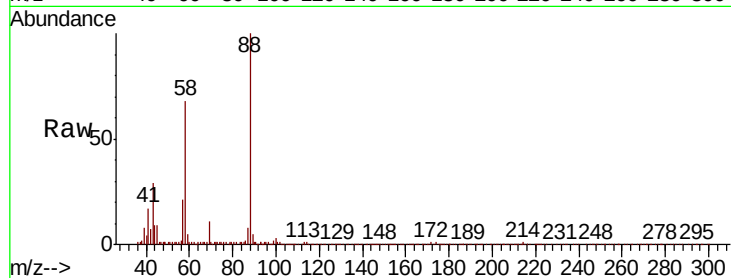




#49
1,4-Dioxane
Concen: 423.206 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

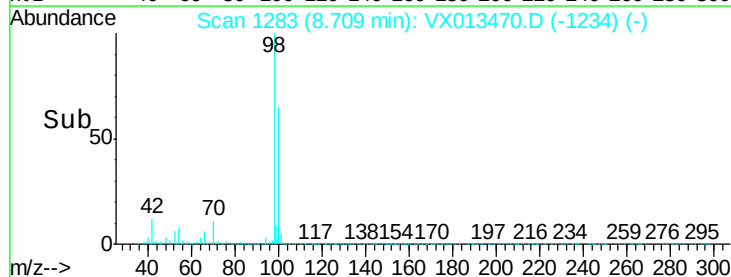
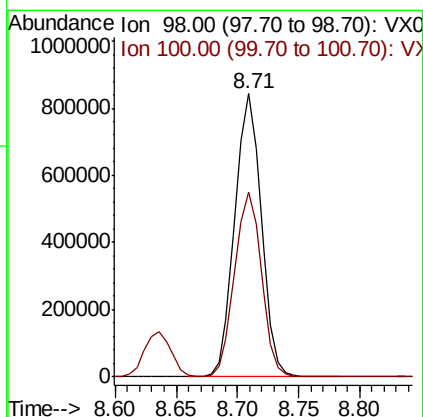
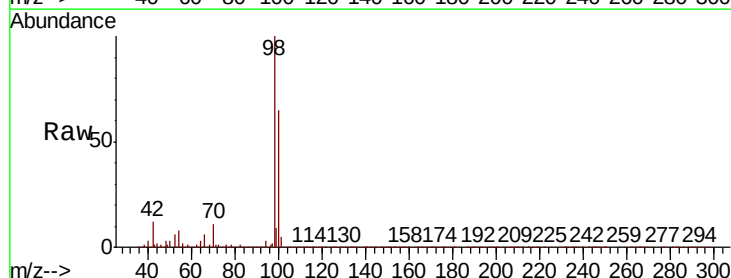
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

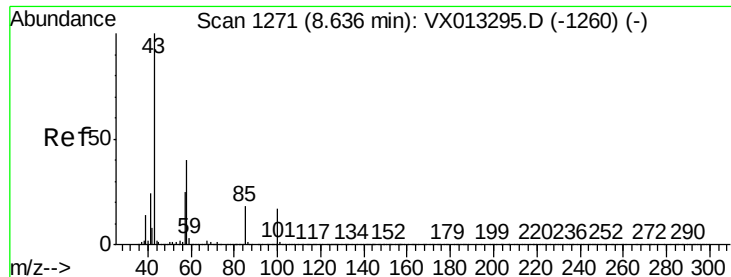
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.6	39.8
58	72.9	55.0	82.6



#50
Toluene-d8
Concen: 51.188 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 110.723 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

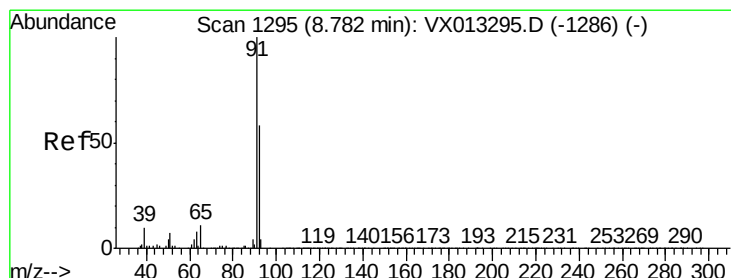
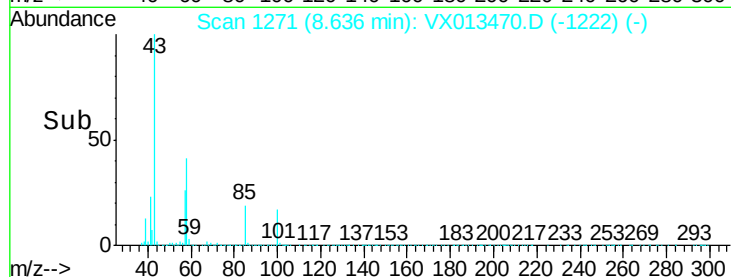
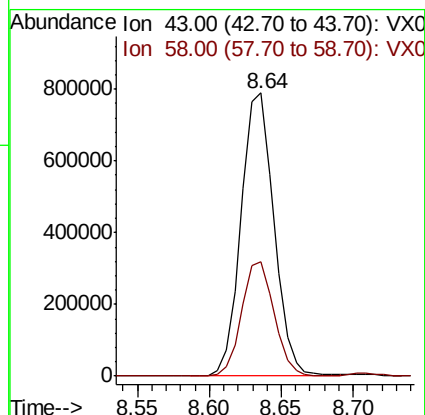
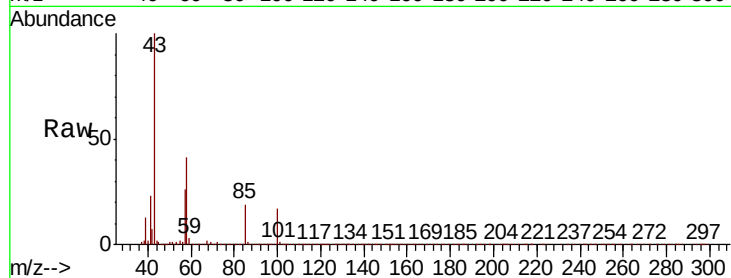
VX1120WBS01

Tot Ion: 43 Resp: 1253251

Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.0



#52

Toluene

Concen: 23.093 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013470.D

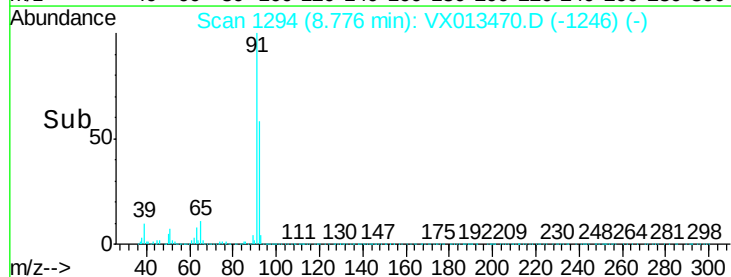
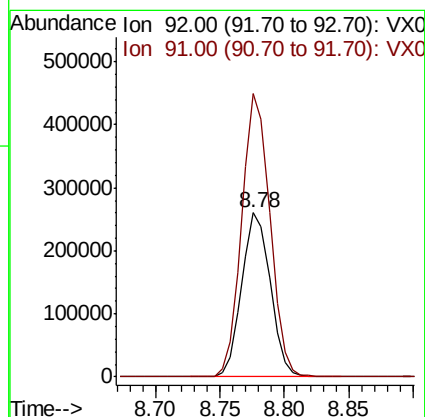
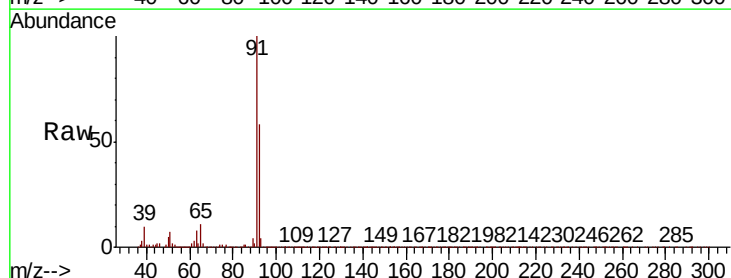
Acq: 20 Nov 2019 11:03

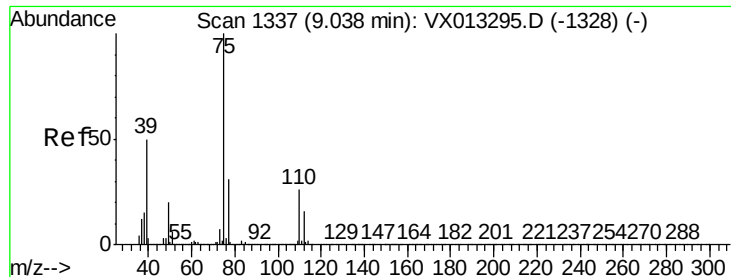
Tgt Ion: 92 Resp: 399752

Ion Ratio Lower Upper

92 100

91 170.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 23.282 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

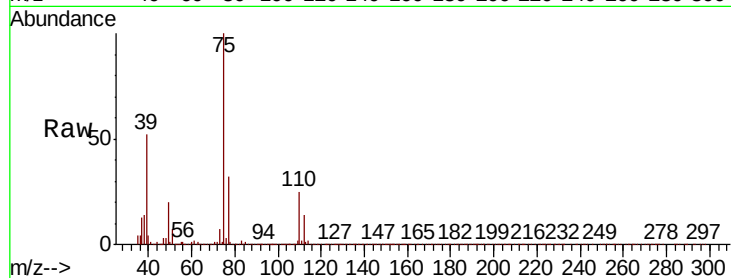
VX1120WBS01

Tot Ion: 75 Resp: 233261

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

150000

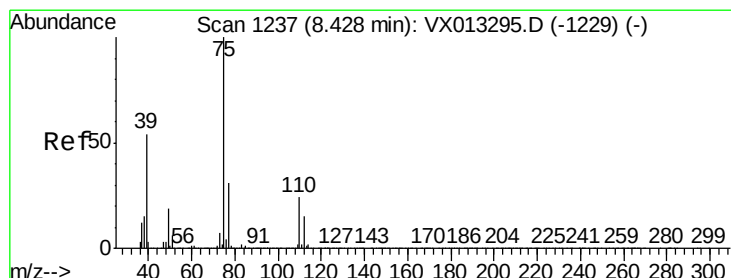
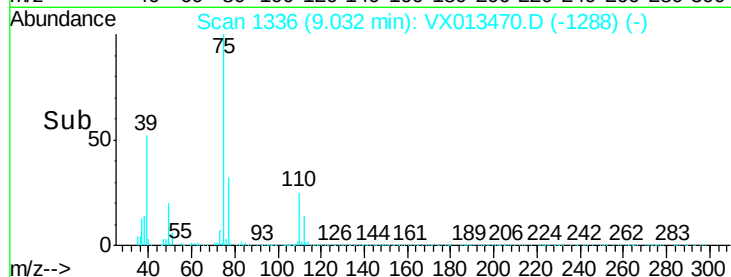
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 23.844 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

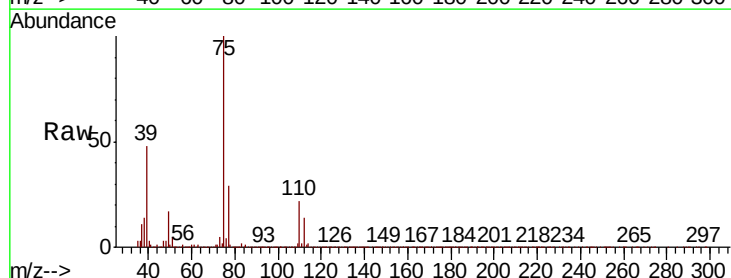
Tgt Ion: 75 Resp: 267217

Ion Ratio Lower Upper

75 100

77 29.0 24.7 37.1

39 47.9 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

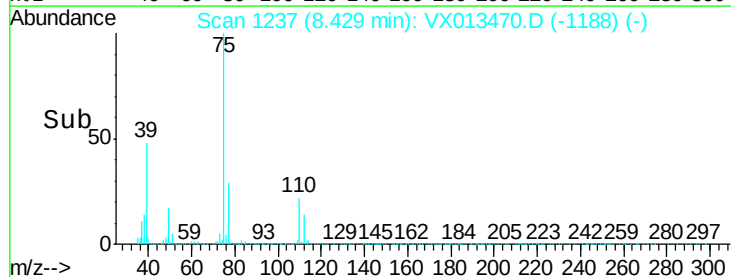
100000

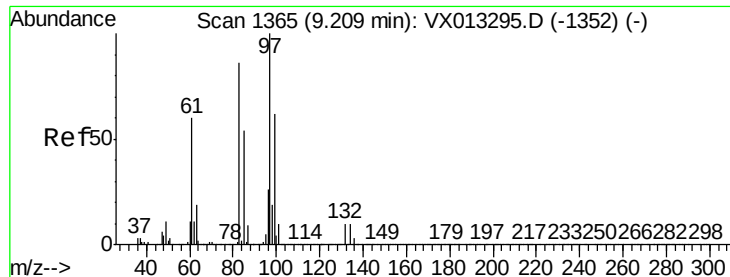
50000

0

Time-->

8.40 8.50

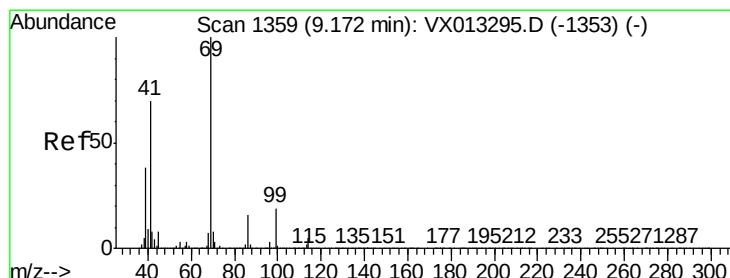
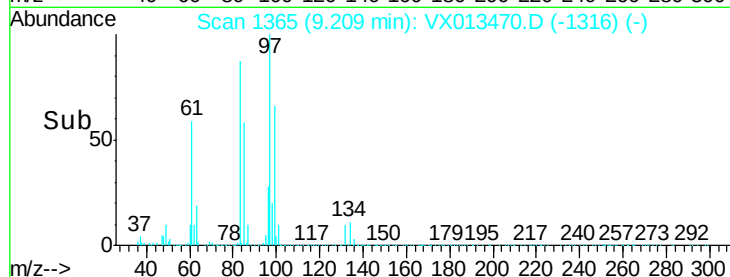
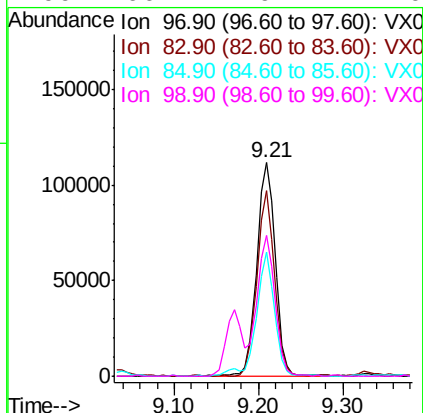
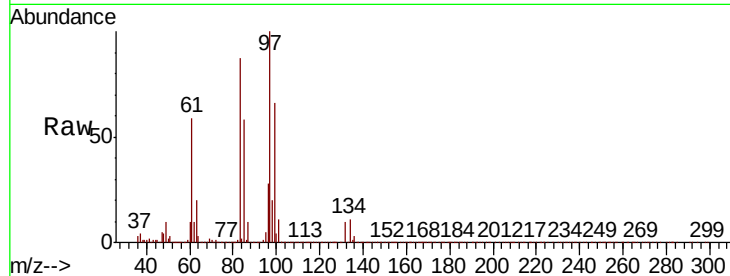




#55
 1,1,2-Trichloroethane
 Concen: 23.322 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

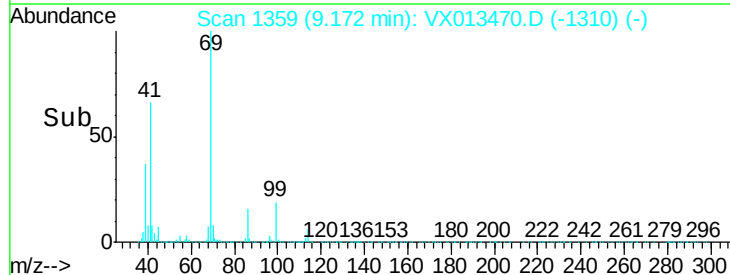
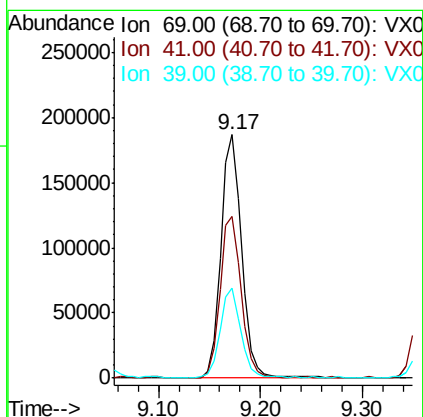
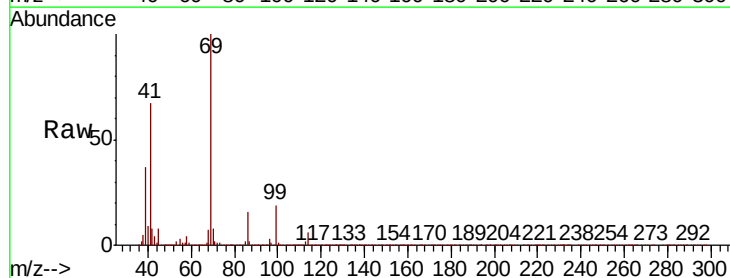
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

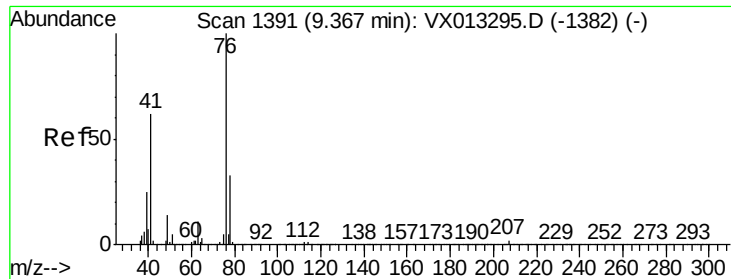
Tot Ion:	97	Resp:	167335
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.6	103.0
85	58.1	43.1	64.7
99	66.2	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 22.445 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion:	69	Resp:	264042
Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.2	84.2
39	36.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 22.967 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

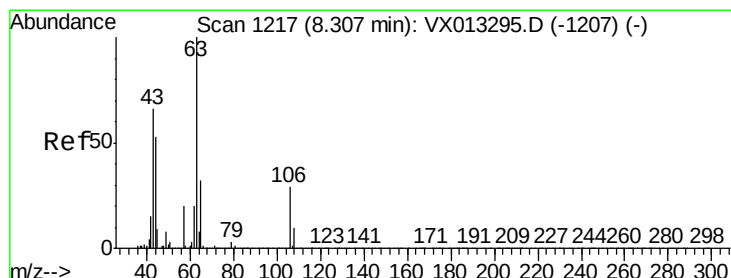
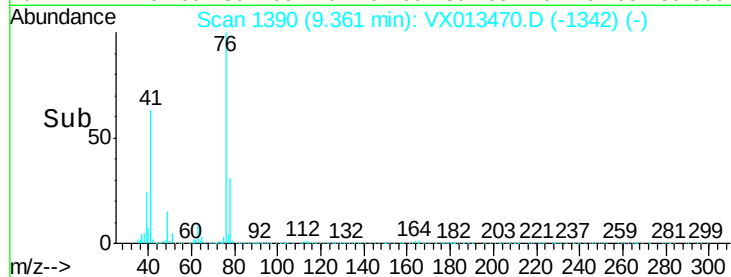
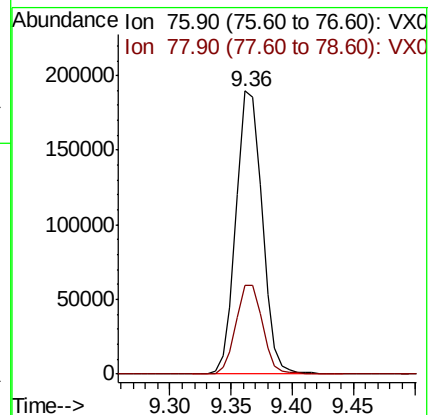
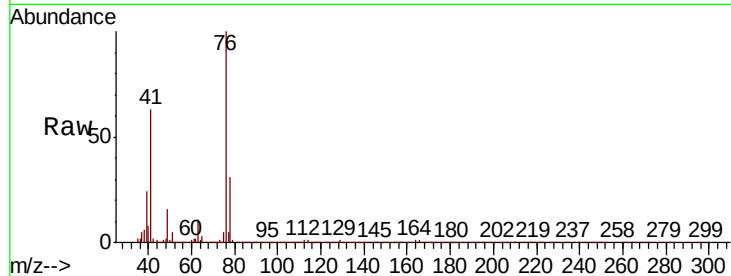
VX1120WBS01

Tot Ion: 76 Resp: 279735

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.989 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013470.D

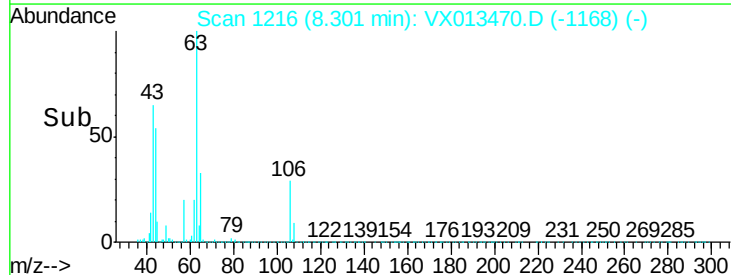
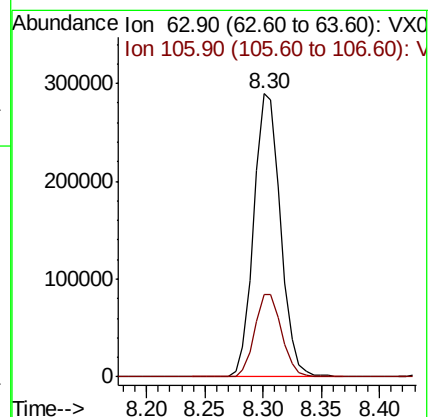
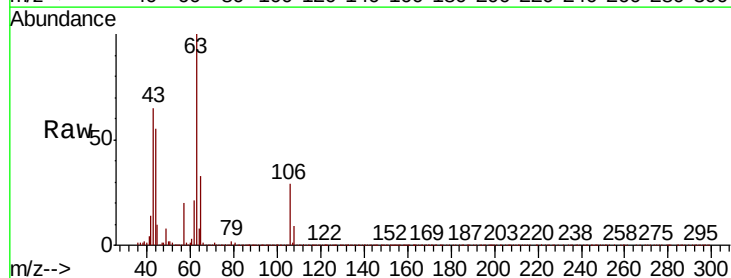
Acq: 20 Nov 2019 11:03

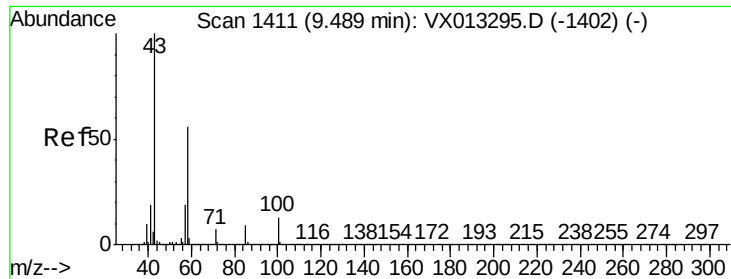
Tgt Ion: 63 Resp: 466002

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2

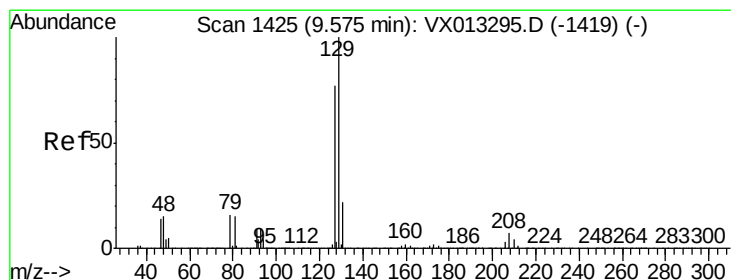
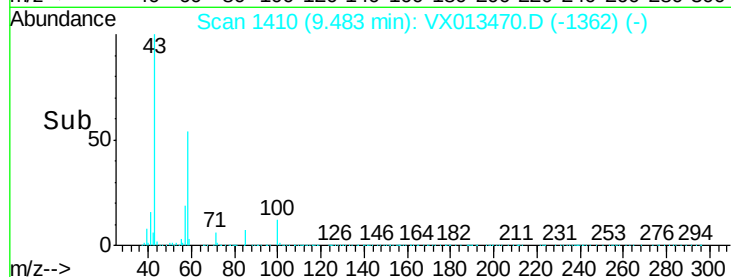
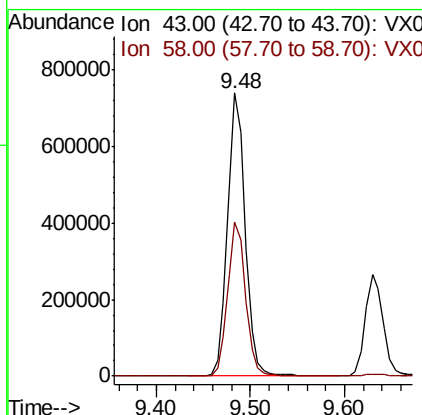
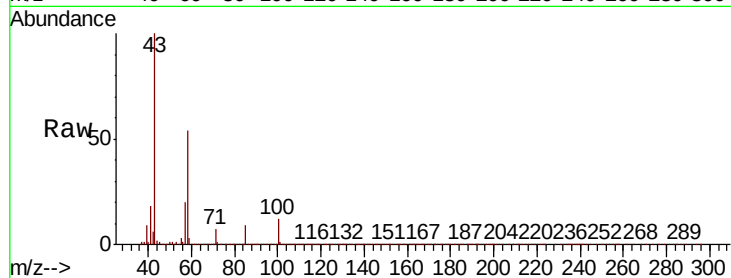




#59
2-Hexanone
Concen: 110.717 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

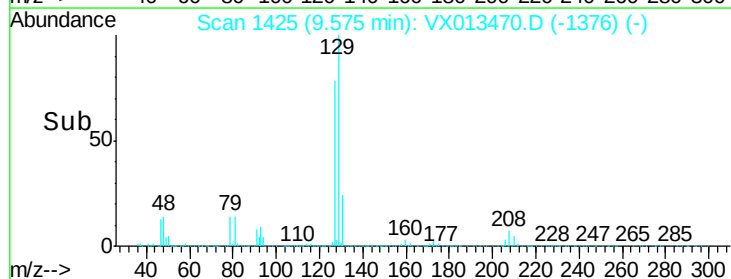
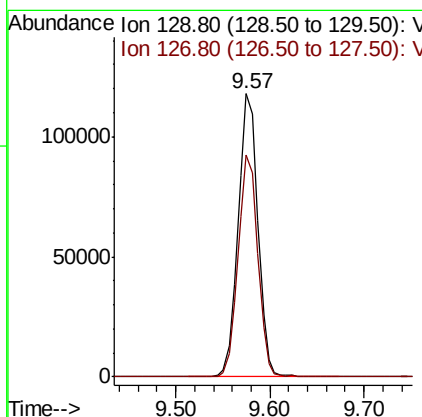
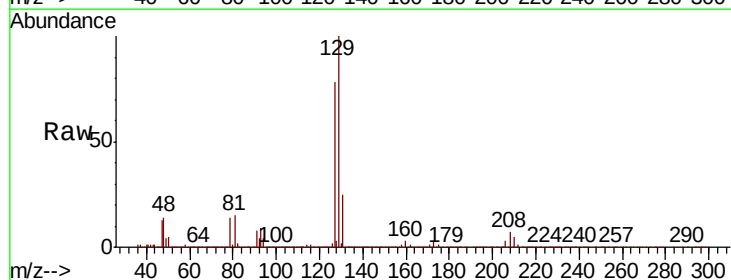
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

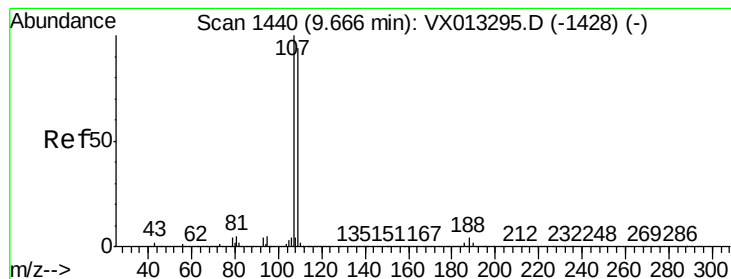
Tot Ion: 43 Resp: 968433
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 23.342 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 129 Resp: 171283
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.703 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

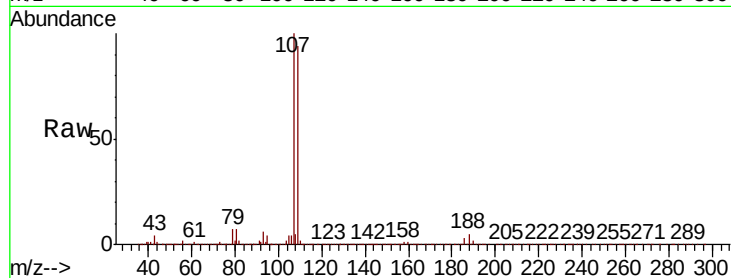
VX1120WBS01

Tot Ion:107 Resp: 172972

Ion Ratio Lower Upper

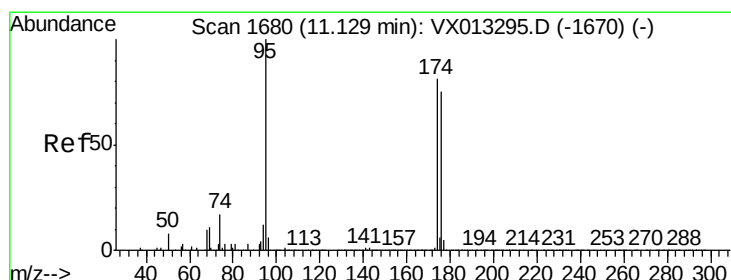
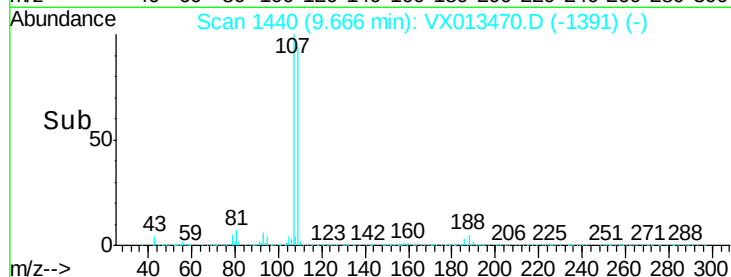
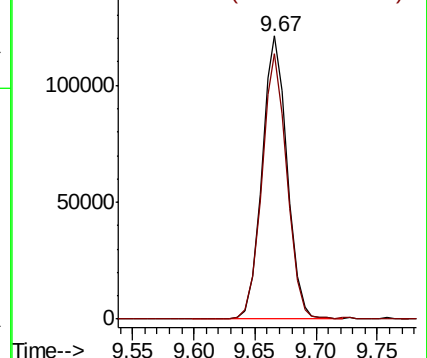
107 100

109 93.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.756 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

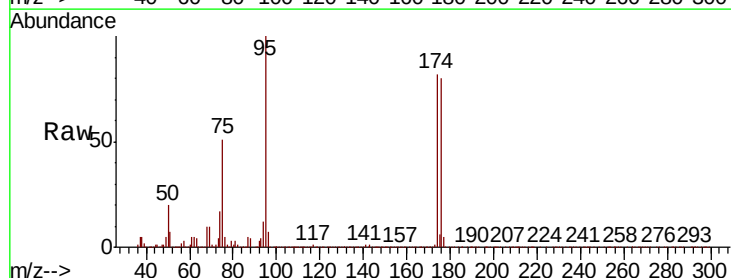
Tgt Ion: 95 Resp: 452692

Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.8

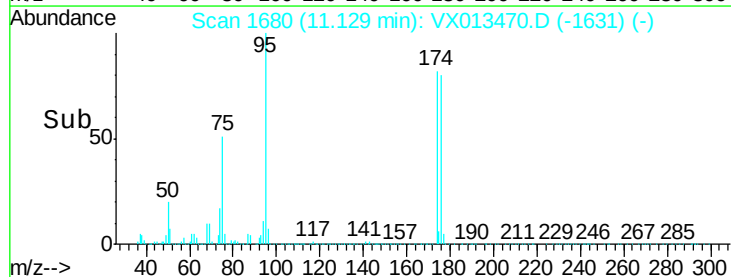
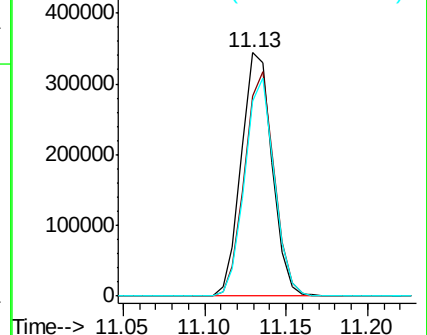
176 86.3 0.0 173.0

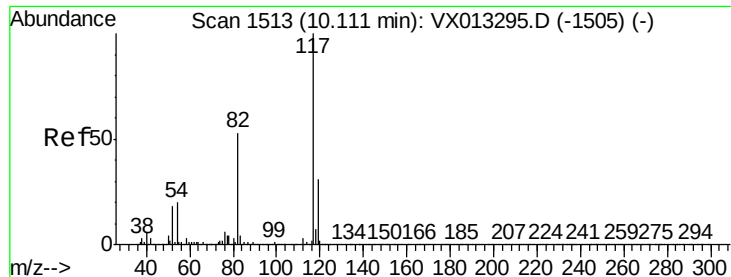


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

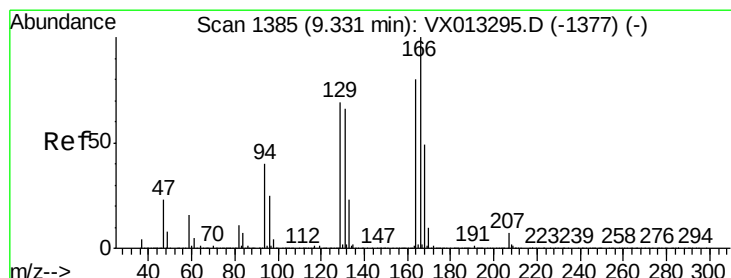
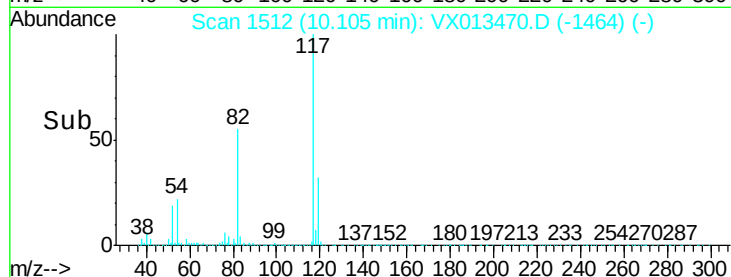
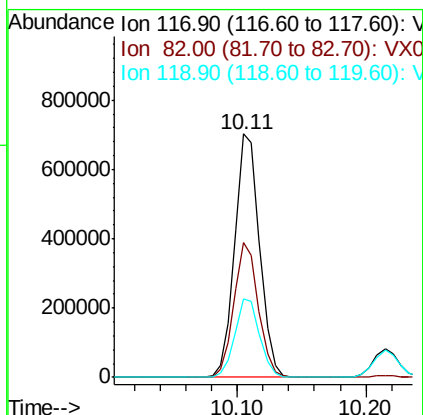
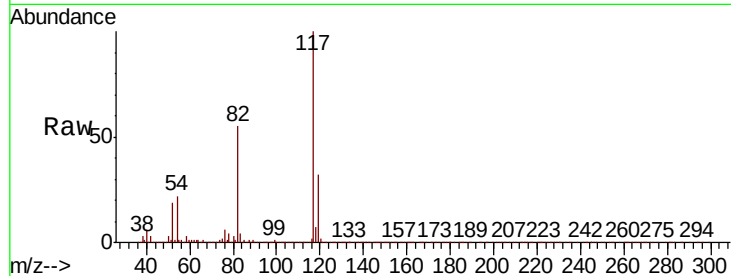




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

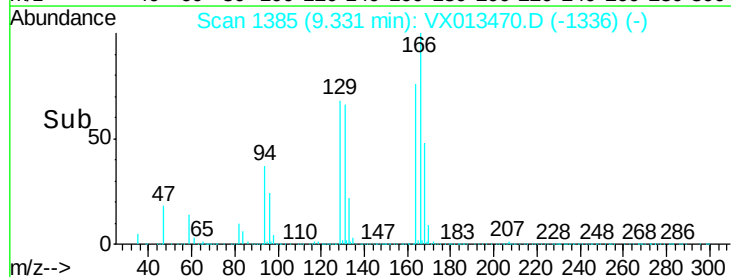
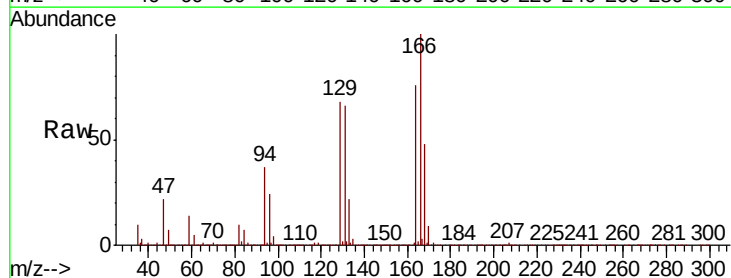
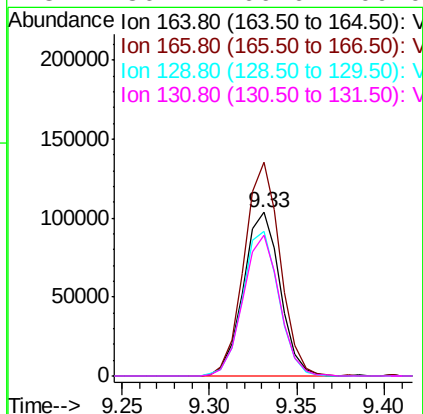
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

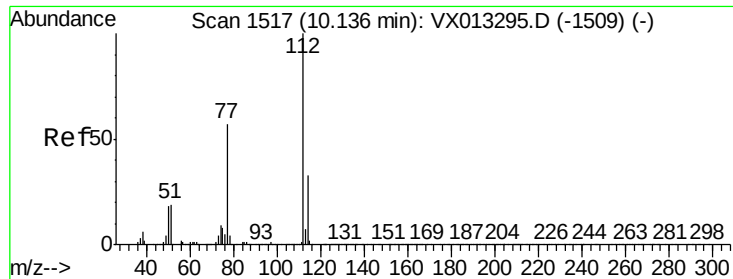
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.6	64.0
119	32.3	24.8	37.2



#64
Tetrachloroethene
Concen: 22.435 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	100.4	150.6
129	88.4	69.4	104.2
131	86.2	66.6	100.0





#65

Chlorobenzene

Concen: 22.604 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

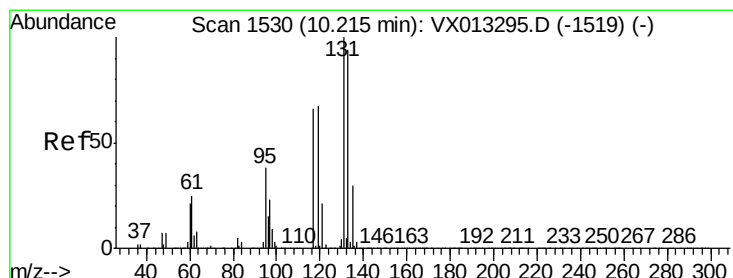
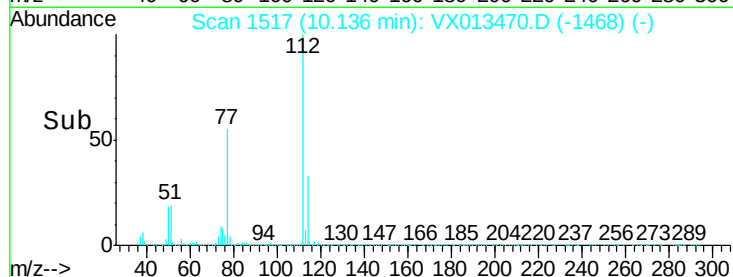
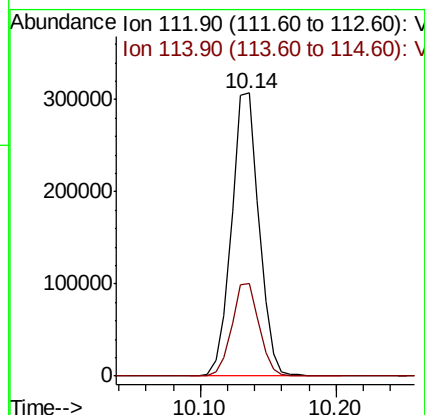
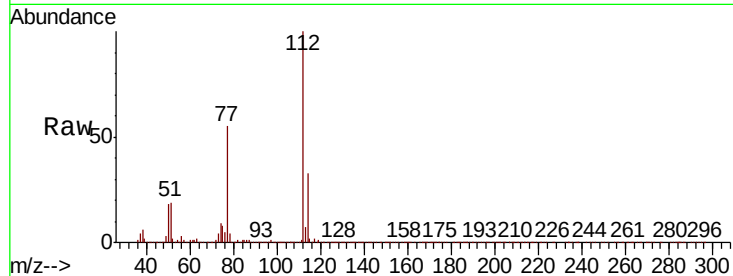
VX1120WBS01

Tot Ion:112 Resp: 433285

Ion Ratio Lower Upper

112 100

114 32.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 23.165 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

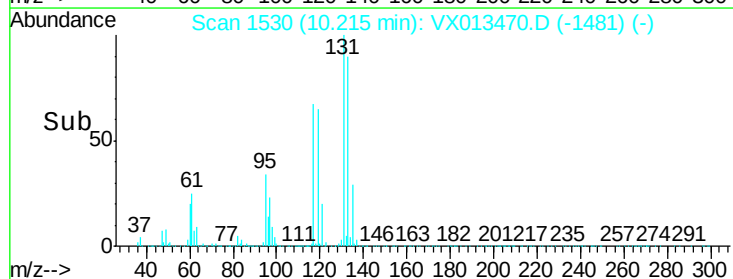
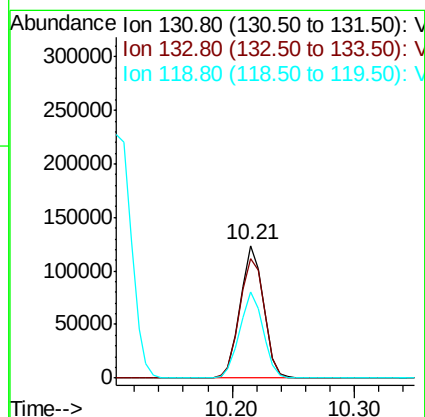
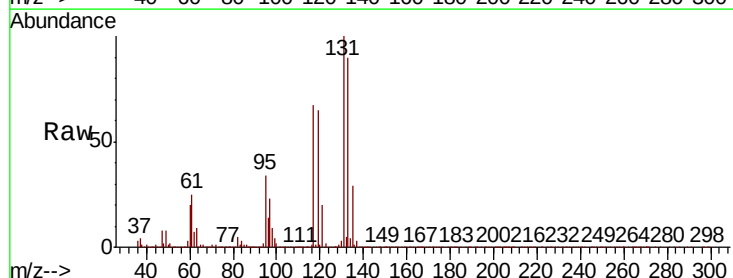
Tgt Ion:131 Resp: 163035

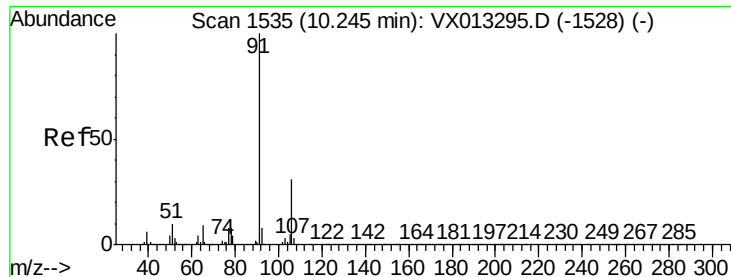
Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.0

119 64.8 33.0 99.0





#67

Ethyl Benzene

Concen: 22.957 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

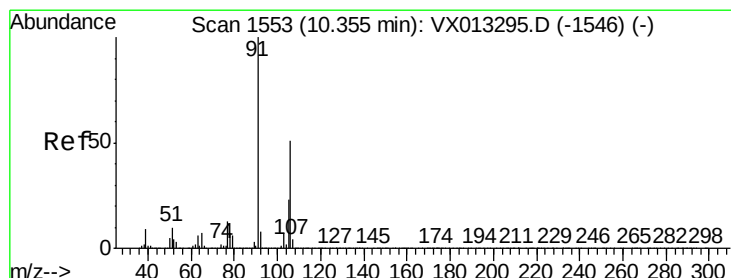
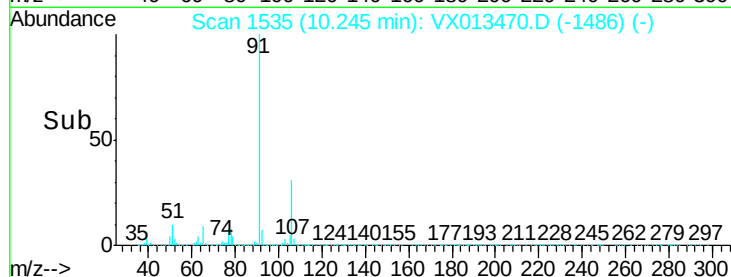
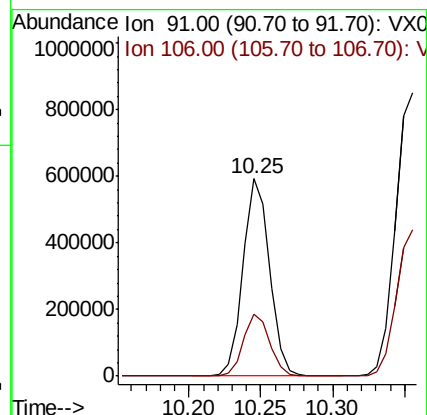
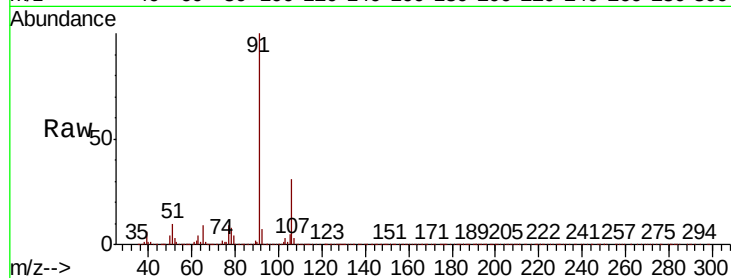
VX1120WBS01

Tot Ion: 91 Resp: 759448

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 46.843 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013470.D

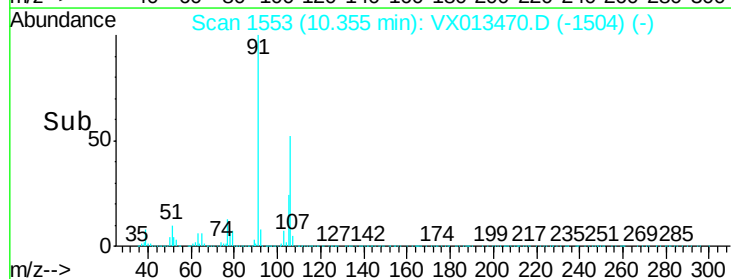
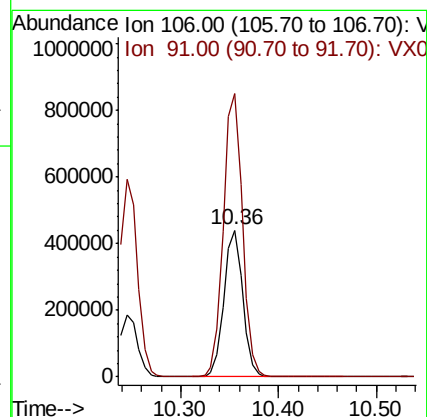
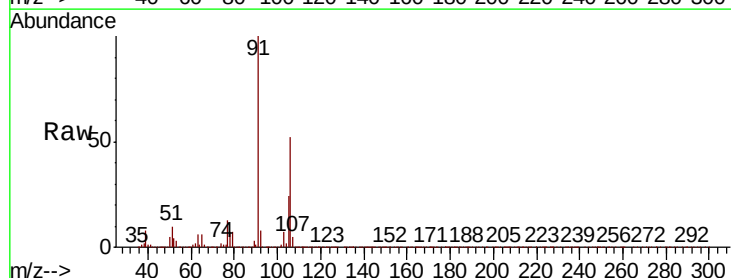
Acq: 20 Nov 2019 11:03

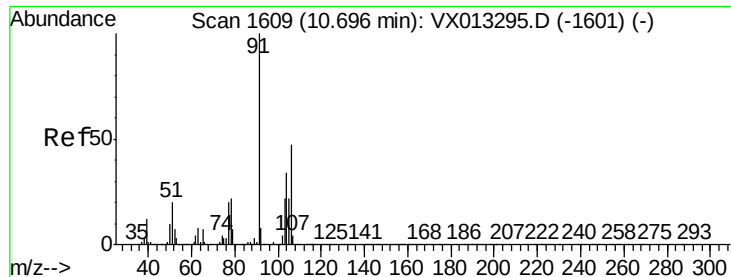
Tgt Ion: 106 Resp: 586064

Ion Ratio Lower Upper

106 100

91 196.6 159.3 238.9

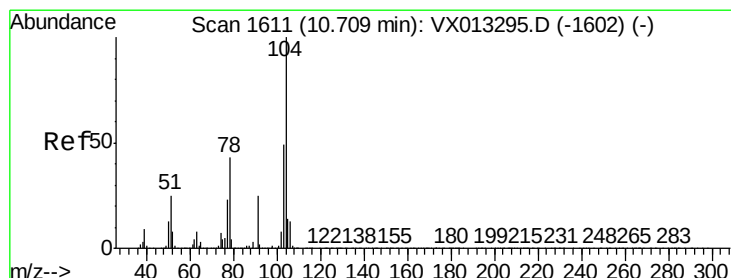
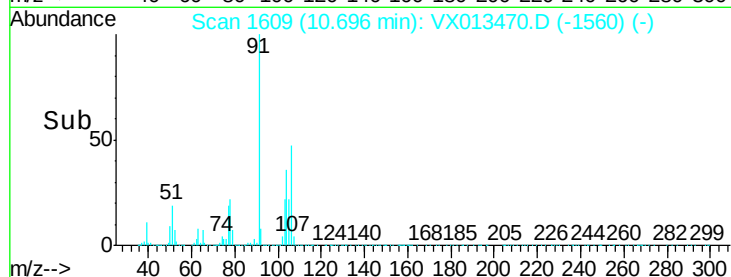
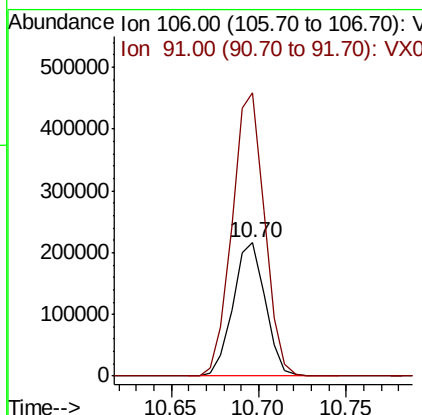
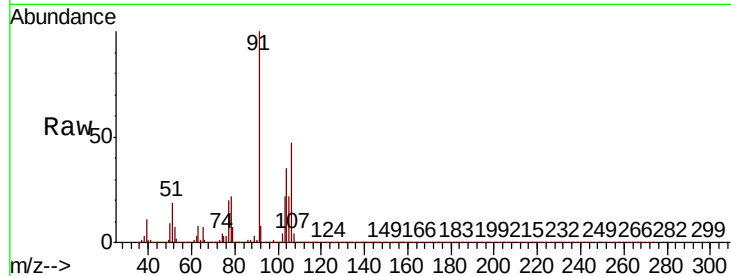




#69
o-Xylene
Concen: 22.687 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

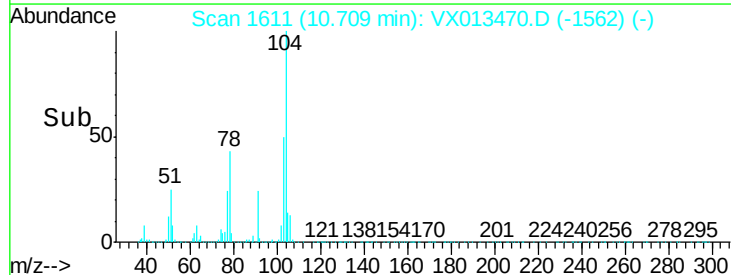
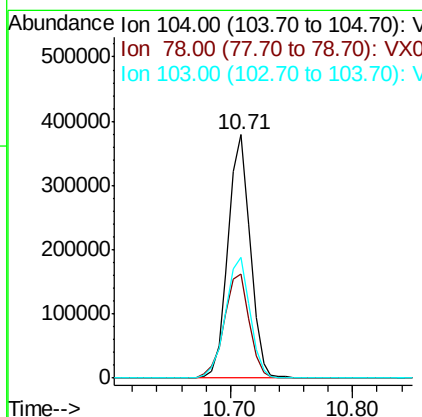
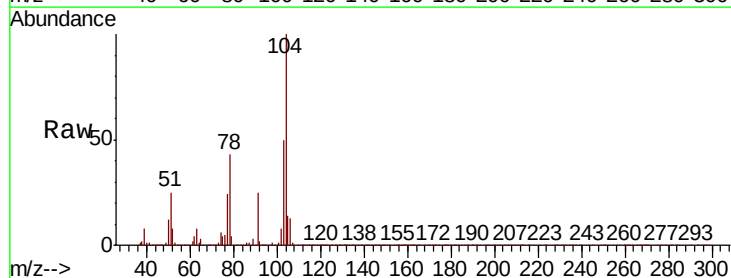
Instrument :
MSVOA_X
ClientSampled :
VX1120WBS01

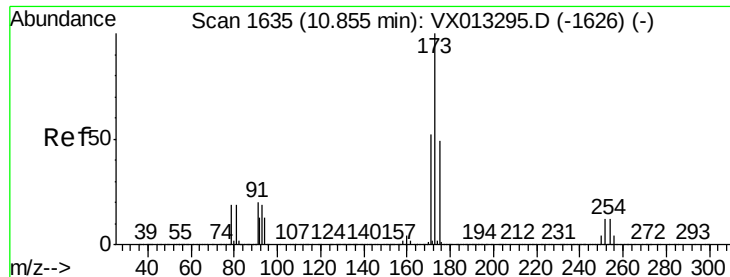
Tot Ion:106 Resp: 277889
Ion Ratio Lower Upper
106 100
91 212.7 105.7 317.0



#70
Styrene
Concen: 23.237 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion:104 Resp: 475792
Ion Ratio Lower Upper
104 100
78 48.7 40.0 60.0
103 54.5 44.1 66.1





#71

Bromoform

Concen: 22.182 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

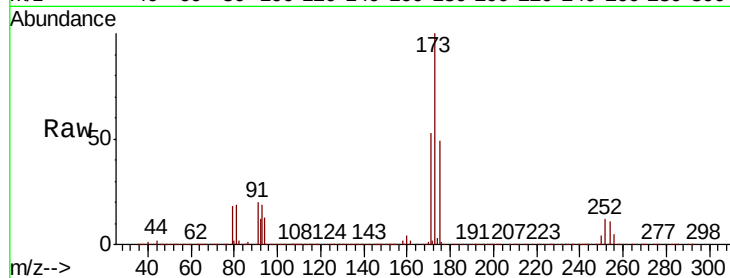
Tot Ion:173 Resp: 132332

Ion Ratio Lower Upper

173 100

175 49.6 24.8 74.4

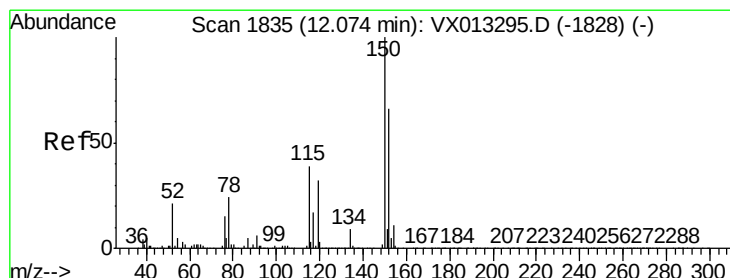
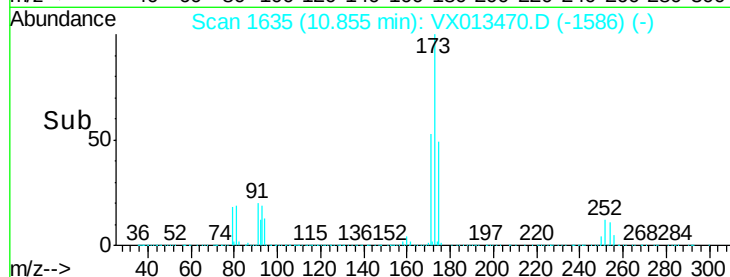
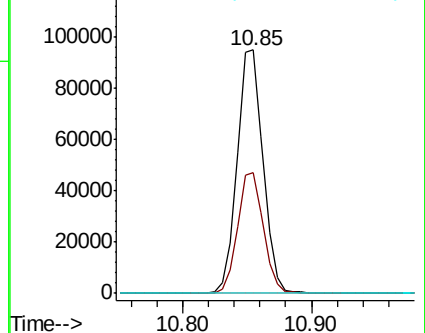
254 0.1 0.2 0.2#



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: VX013470.D

Acq: 20 Nov 2019 11:03

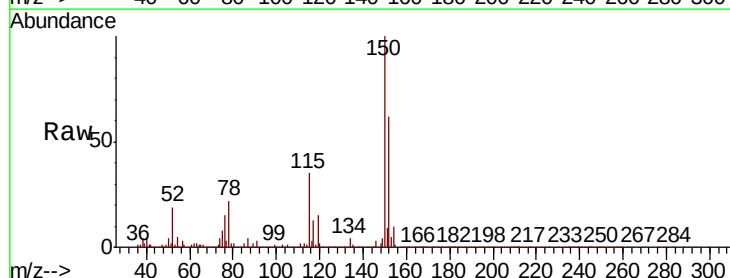
Tgt Ion:152 Resp: 471511

Ion Ratio Lower Upper

152 100

115 65.4 39.5 118.3

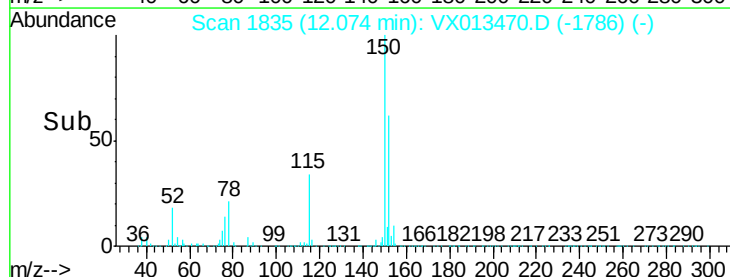
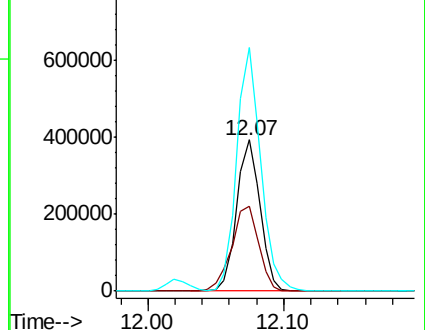
150 165.1 0.0 344.4

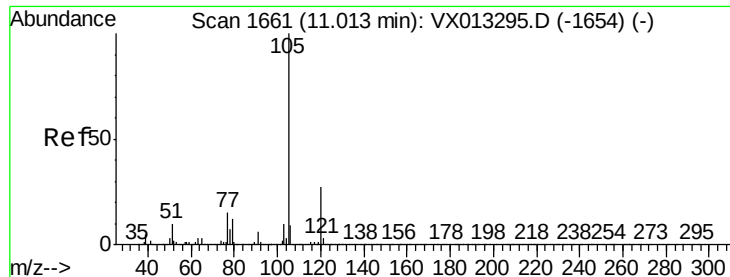


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 24.198 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

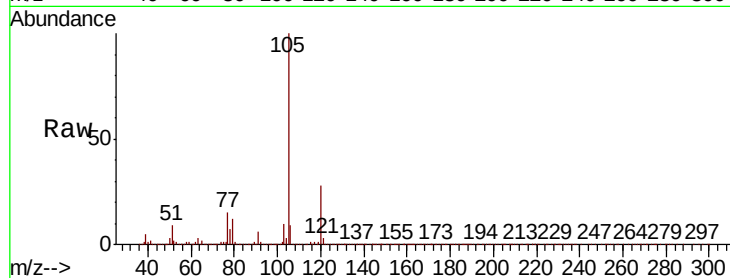
VX1120WBS01

Tot Ion:105 Resp: 756472

Ion Ratio Lower Upper

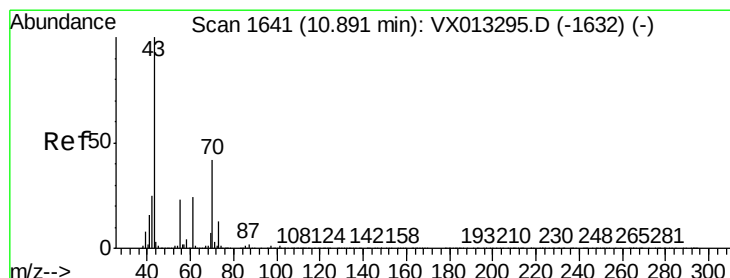
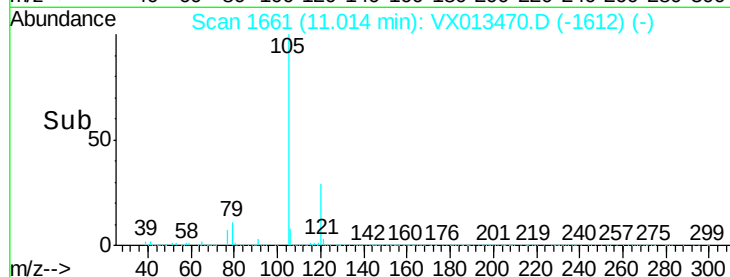
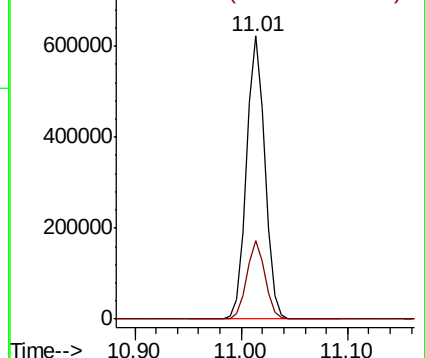
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.494 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion: 43 Resp: 340592

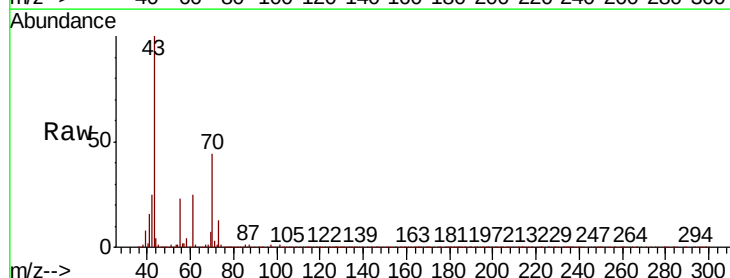
Ion Ratio Lower Upper

43 100

70 42.9 34.1 51.1

55 23.8 18.9 28.3

61 24.7 19.2 28.8

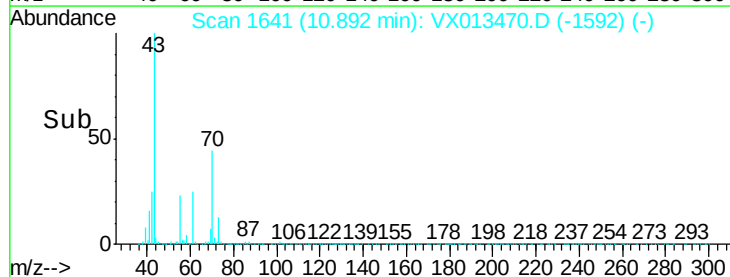
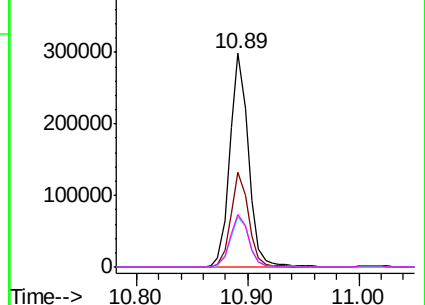


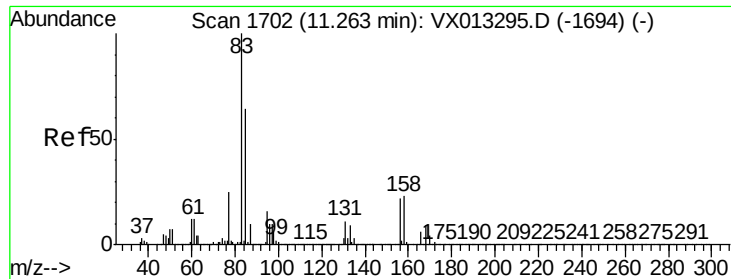
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.336 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

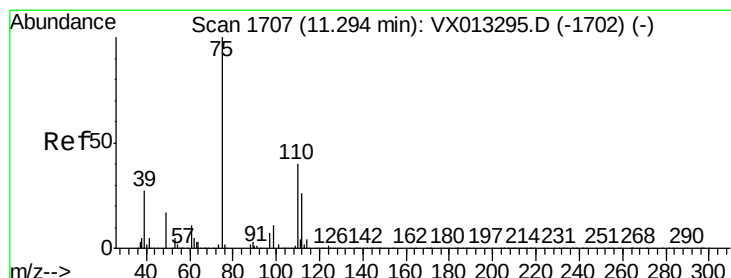
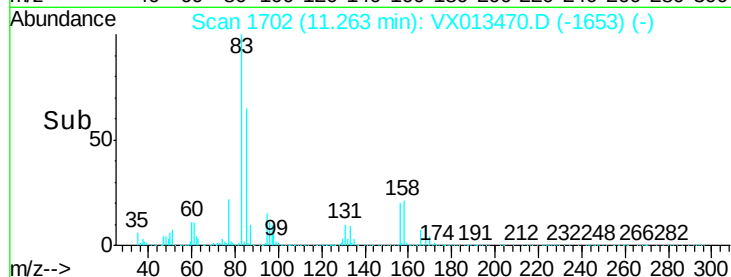
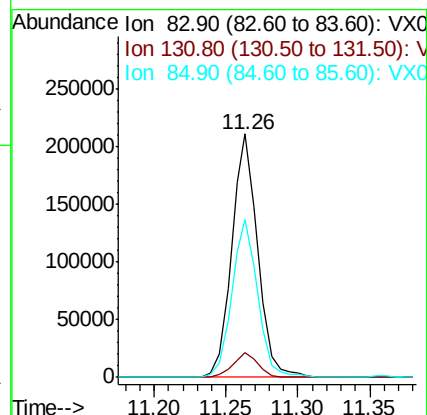
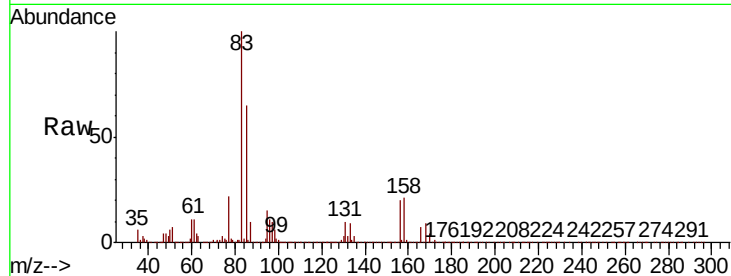
Tot Ion: 83 Resp: 266140

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 30.924 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013470.D

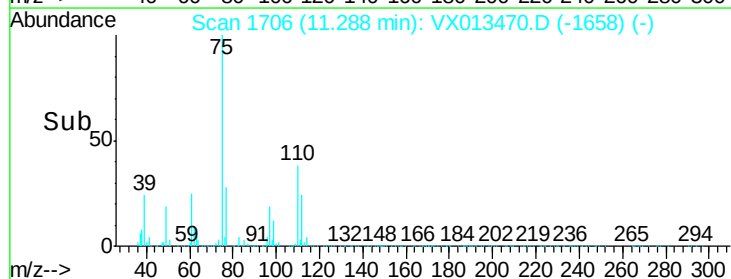
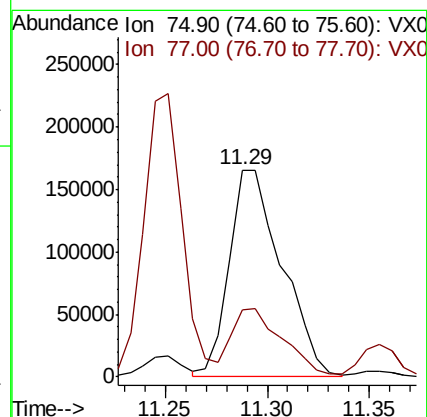
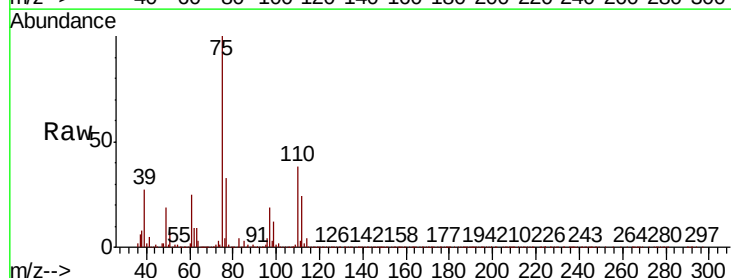
Acq: 20 Nov 2019 11:03

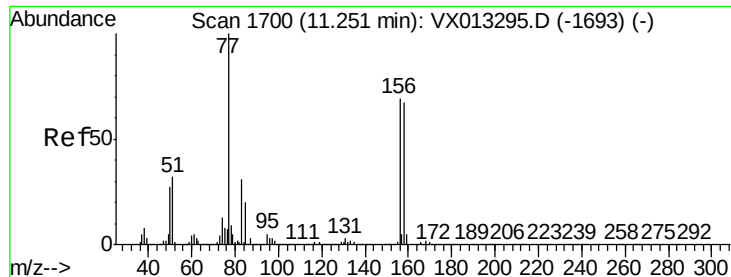
Tgt Ion: 75 Resp: 296164

Ion Ratio Lower Upper

75 100

77 31.6 22.3 66.8





#77

Bromobenzene

Concen: 23.455 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

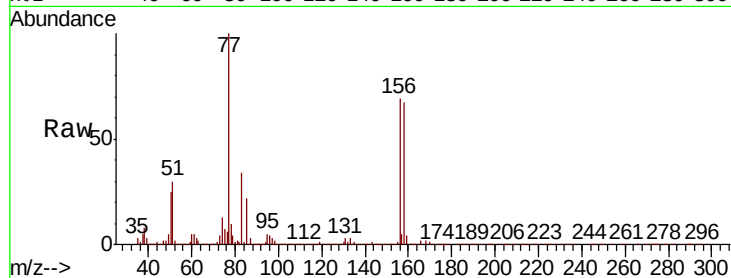
Tot Ion:156 Resp: 195476

Ion Ratio Lower Upper

156 100

77 151.6 75.8 227.4

158 98.2 47.6 142.8



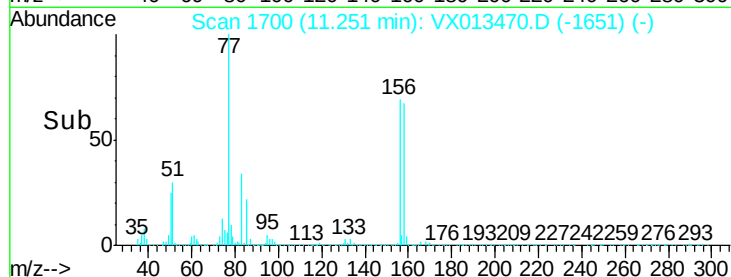
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

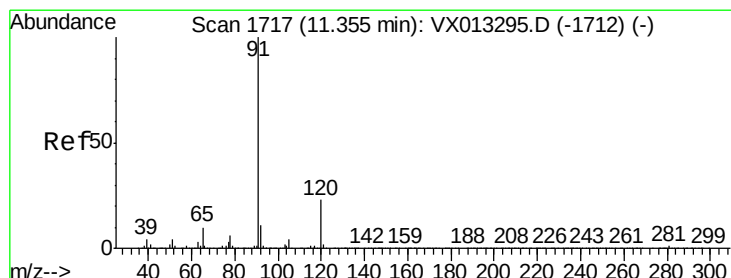
Ion 157.80 (157.50 to 158.50): V

11.25

Time-->



Time-->



#78

n-propylbenzene

Concen: 24.660 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013470.D

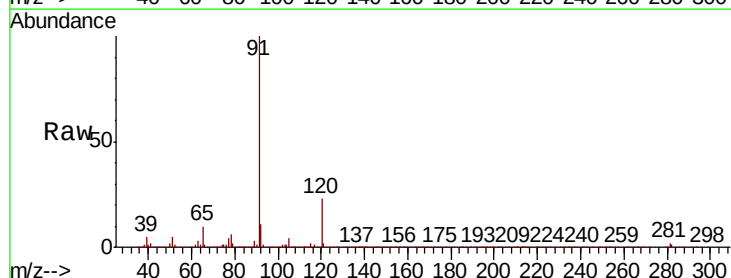
Acq: 20 Nov 2019 11:03

Tgt Ion: 91 Resp: 858743

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

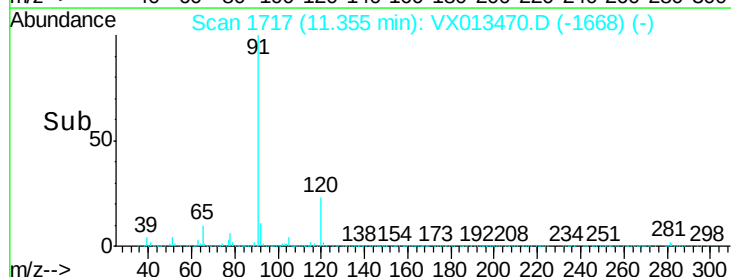


Abundance Ion 91.00 (90.70 to 91.70): VX0

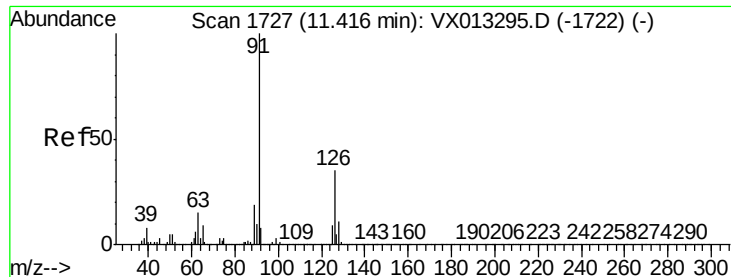
Ion 120.00 (119.70 to 120.70): V

11.35

Time-->



Time-->



#79

2-Chlorotoluene

Concen: 24.081 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

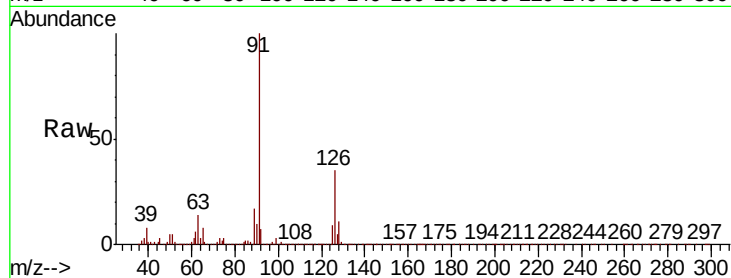
VX1120WBS01

Tot Ion: 91 Resp: 505256

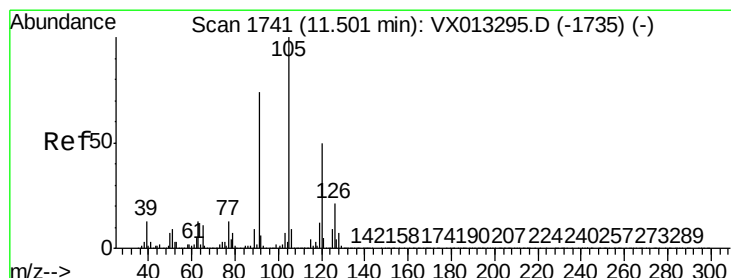
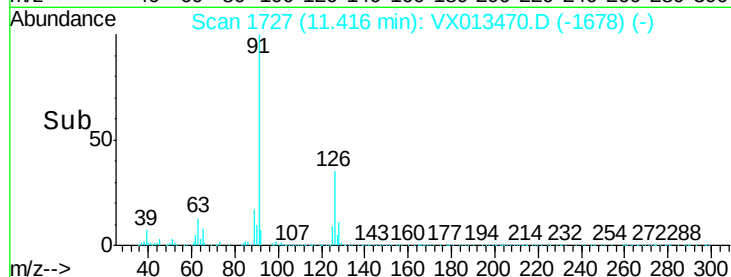
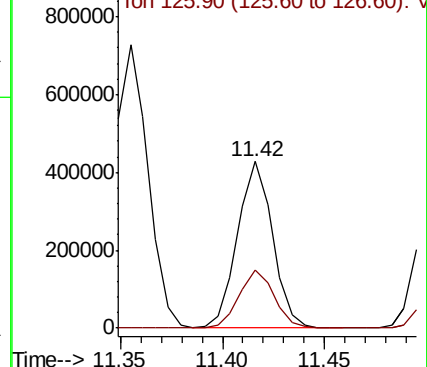
Ion Ratio Lower Upper

91 100

126 35.4 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX013295.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 24.408 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013470.D

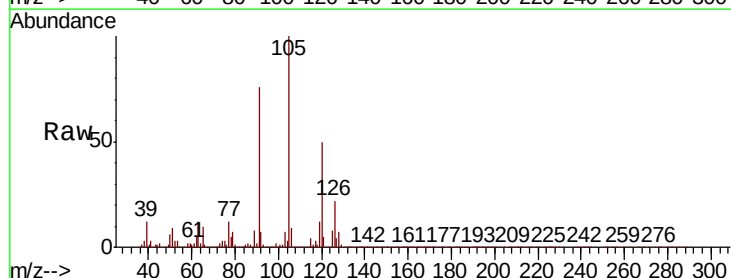
Acq: 20 Nov 2019 11:03

Tgt Ion: 105 Resp: 635561

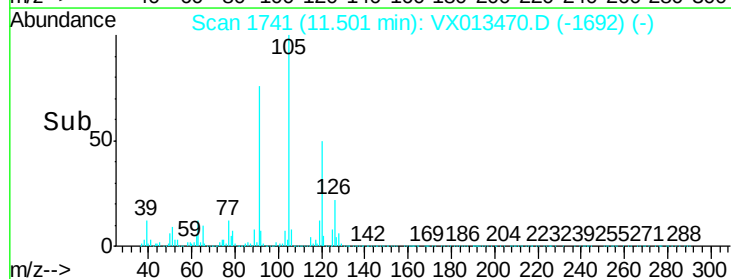
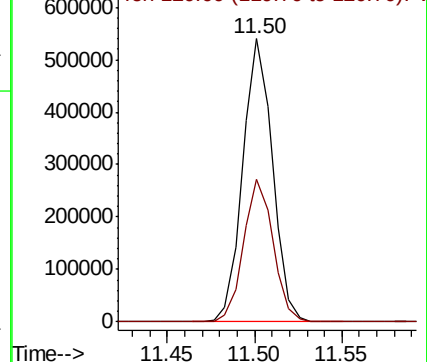
Ion Ratio Lower Upper

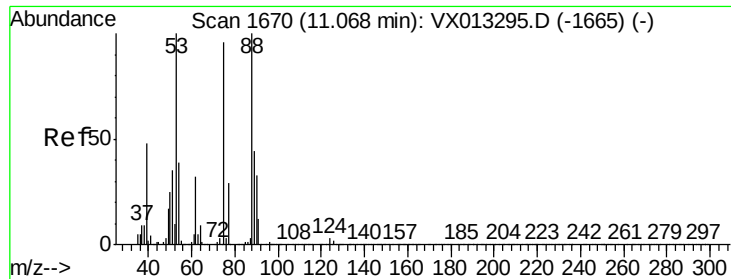
105 100

120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX013295.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.456 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

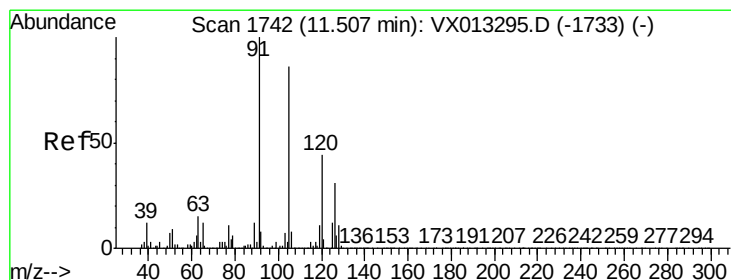
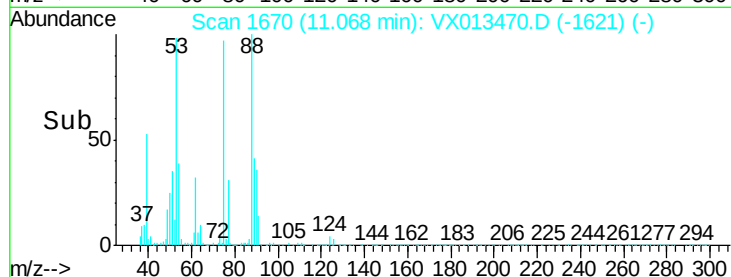
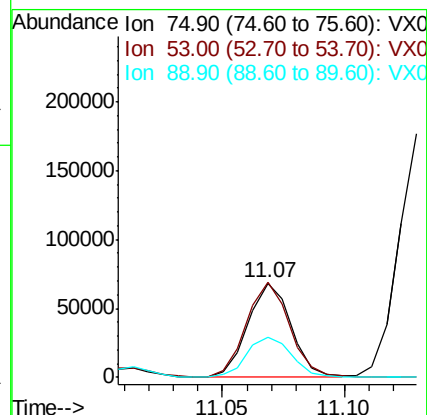
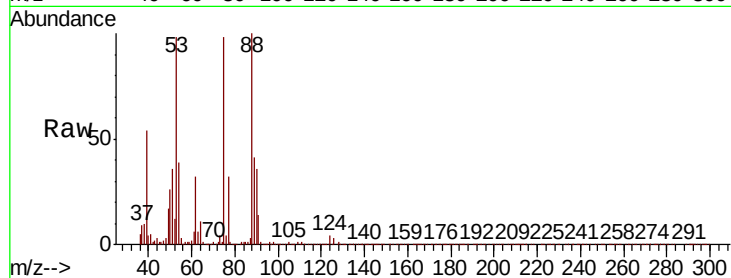
Tot Ion: 75 Resp: 83552

Ion Ratio Lower Upper

75 100

53 101.0 81.0 121.6

89 44.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 23.686 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013470.D

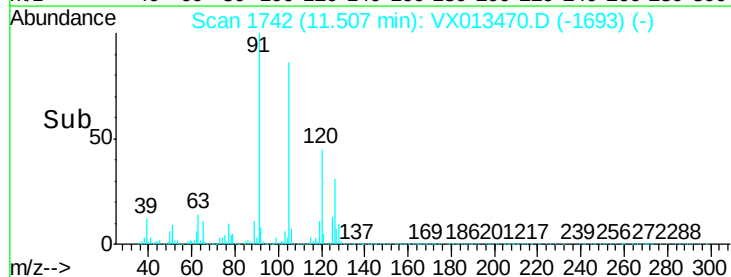
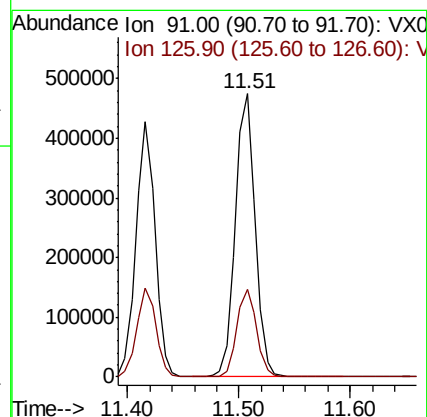
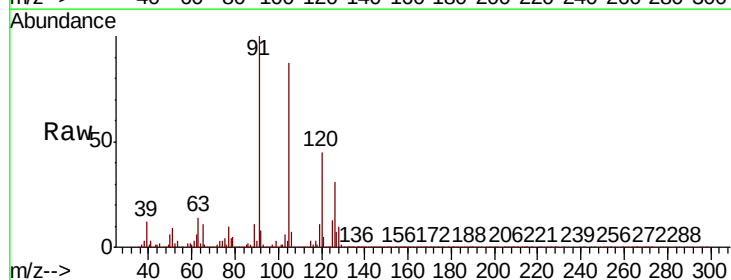
Acq: 20 Nov 2019 11:03

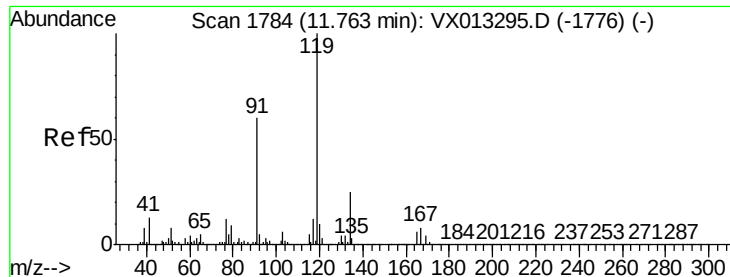
Tgt Ion: 91 Resp: 581745

Ion Ratio Lower Upper

91 100

126 30.9 15.3 45.8

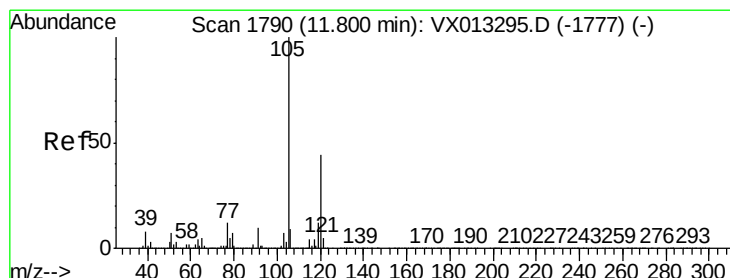
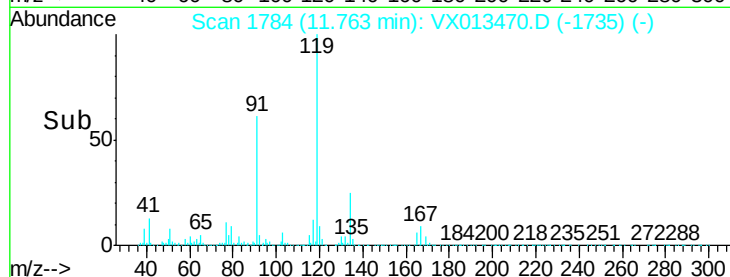
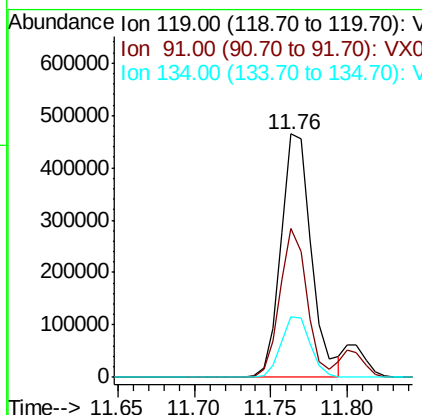
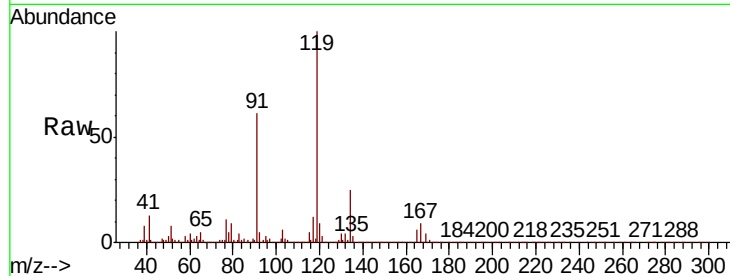




#83
 tert-Butylbenzene
 Concen: 24.454 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

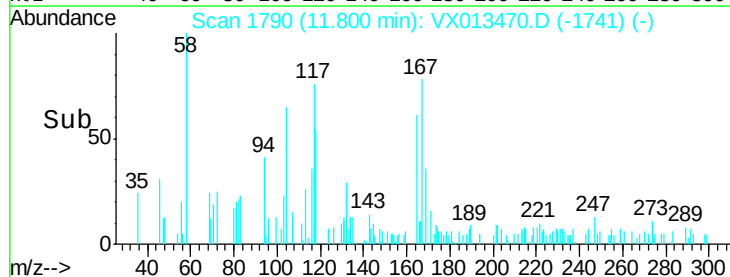
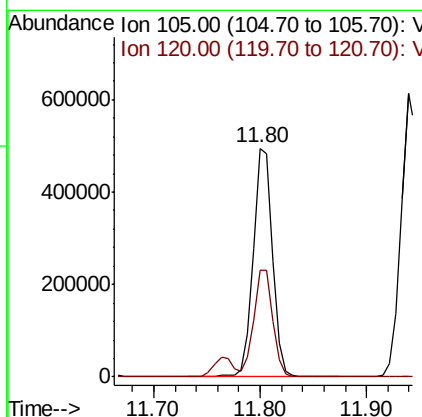
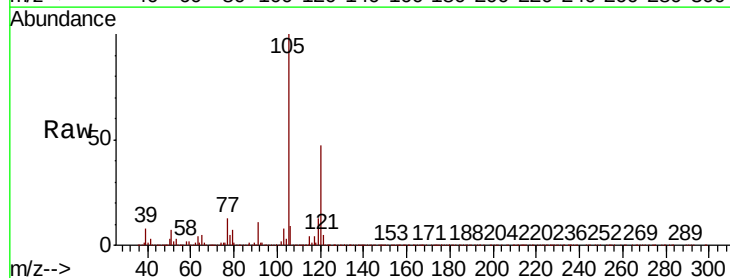
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

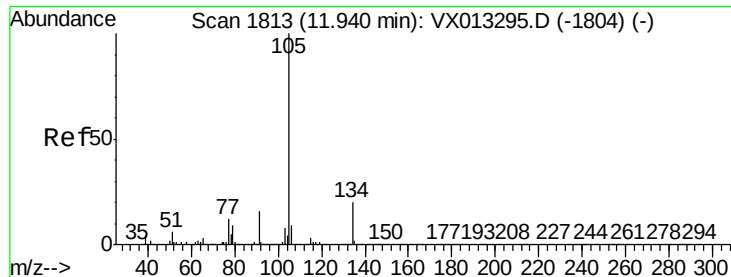
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.4	26.9	80.7
134	23.9	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 24.106 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 24.561 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

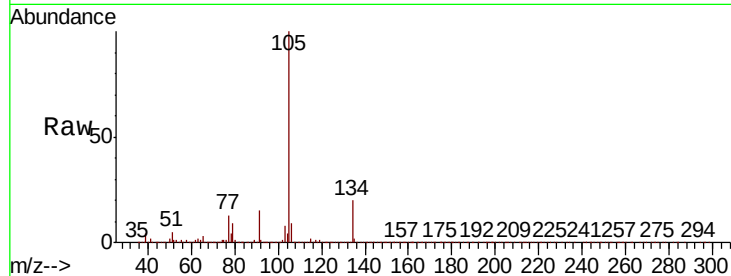
VX1120WBS01

Tot Ion:105 Resp: 739916

Ion Ratio Lower Upper

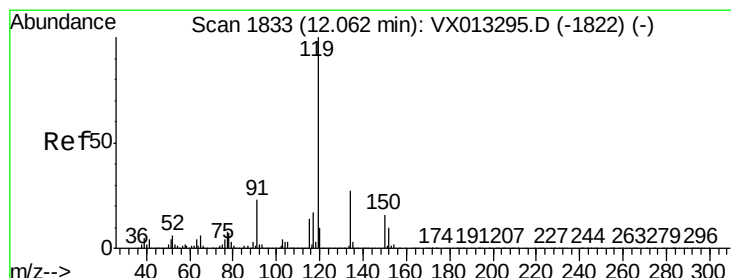
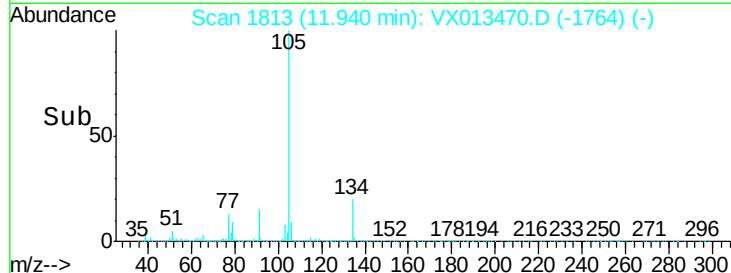
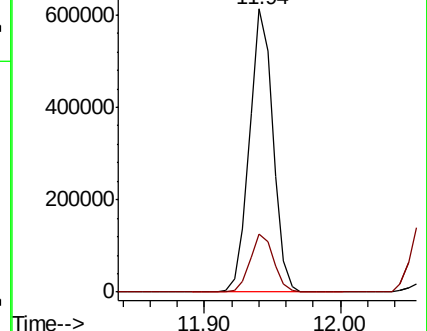
105 100

134 20.5 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 24.497 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

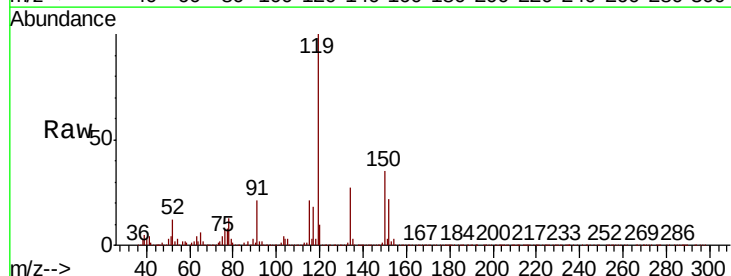
Tgt Ion:119 Resp: 679554

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

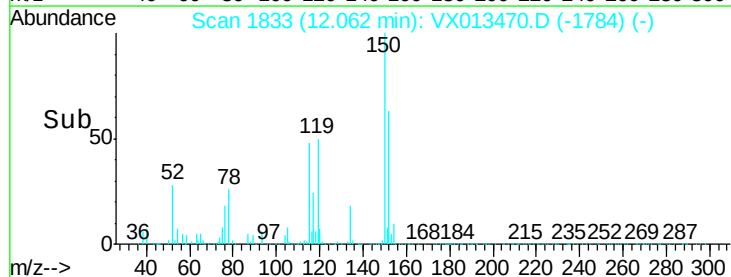
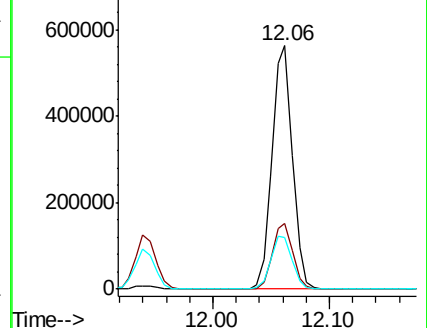
91 22.6 11.5 34.4

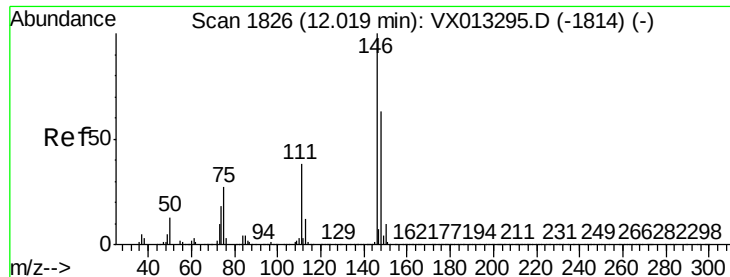


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

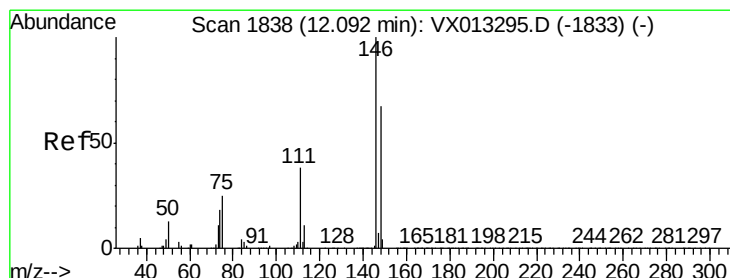
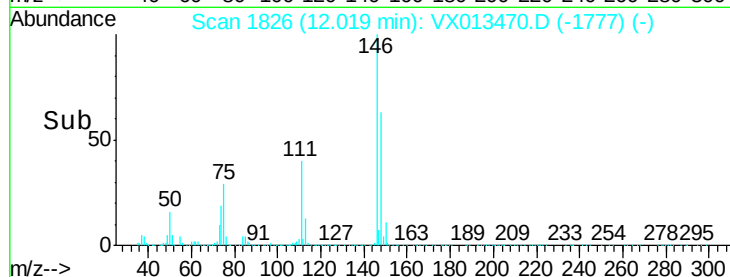
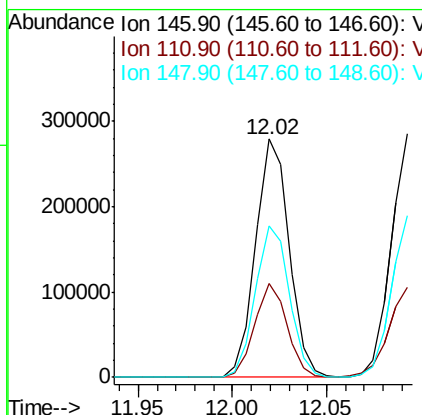
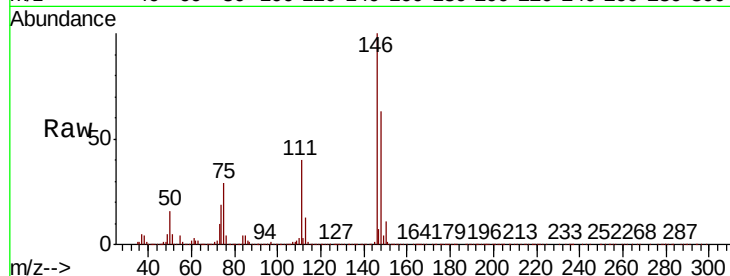




#87
 1,3-Dichlorobenzene
 Concen: 23.258 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

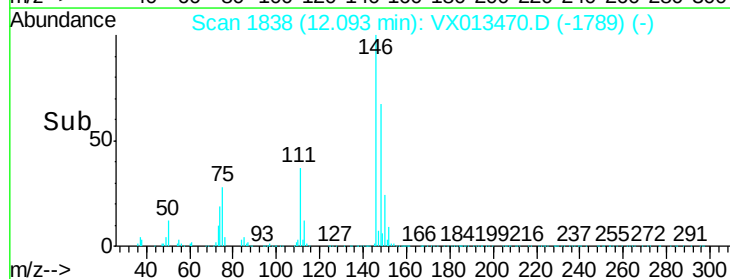
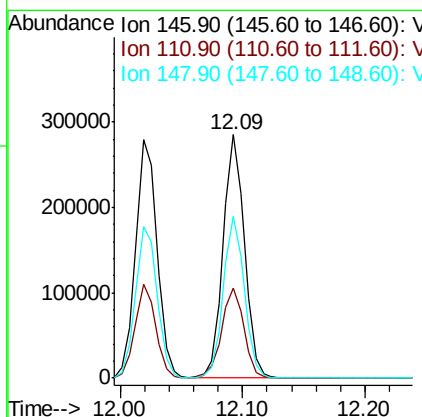
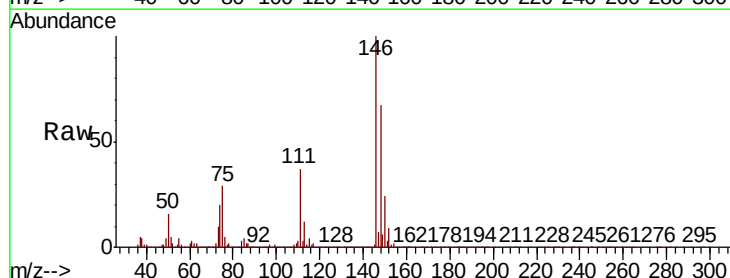
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

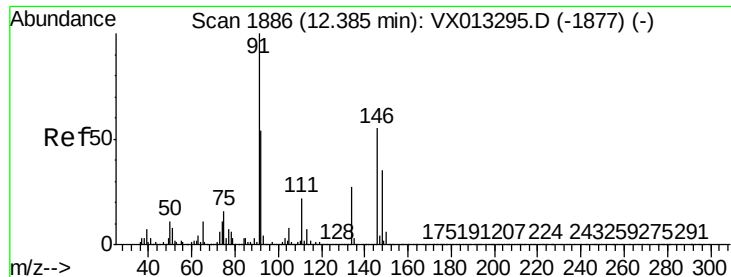
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	64.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 22.702 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.8	56.4
148	65.4	32.4	97.0

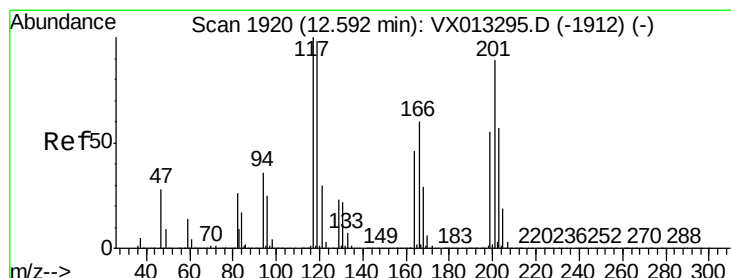
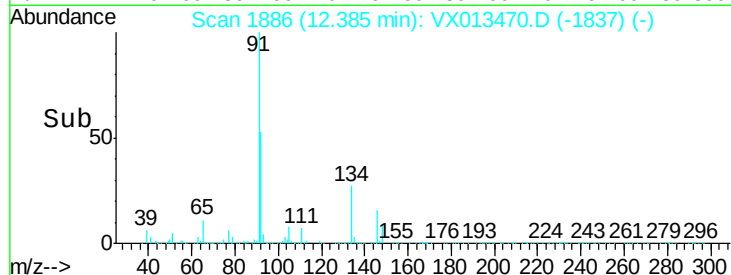
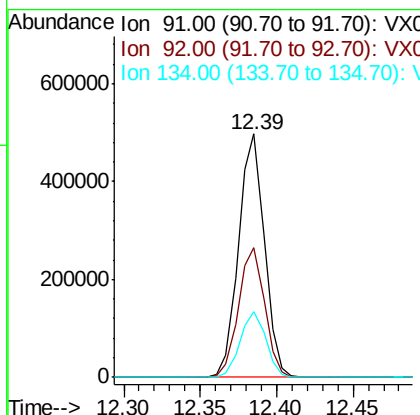
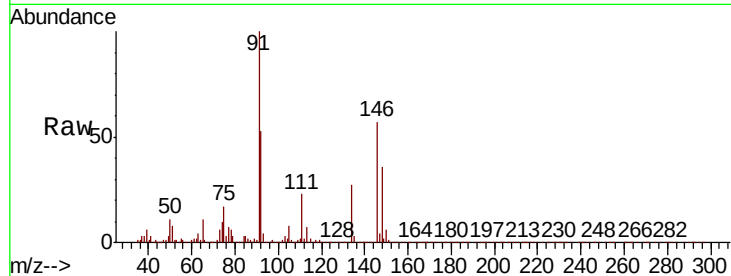




#89
n-Butylbenzene
Concen: 24.087 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

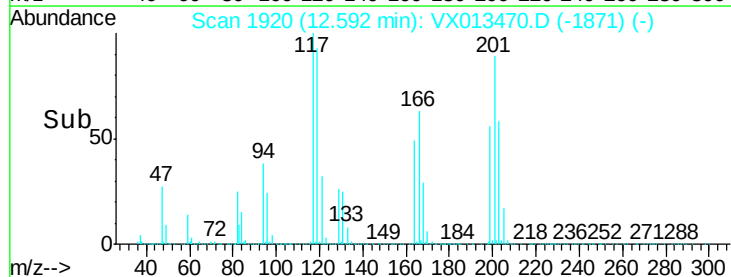
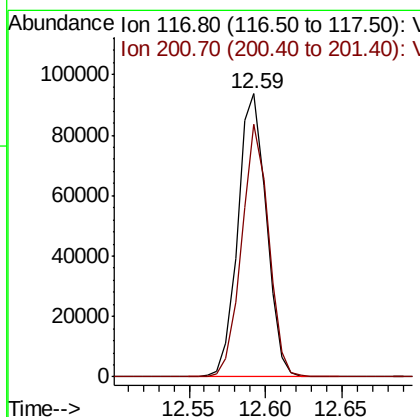
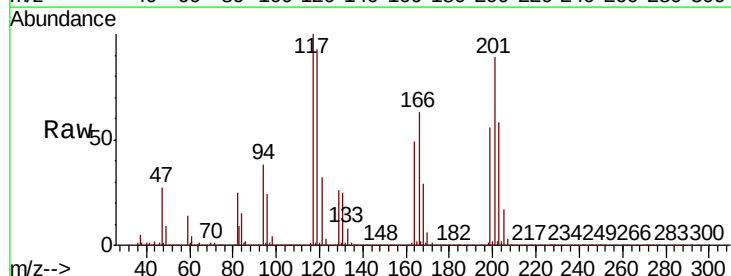
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

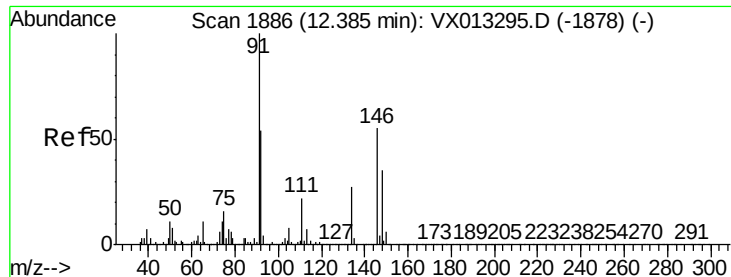
Tot Ion: 91 Resp: 583044
Ion Ratio Lower Upper
91 100
92 54.1 27.3 81.8
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 24.472 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 117 Resp: 120953
Ion Ratio Lower Upper
117 100
201 84.3 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 23.277 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

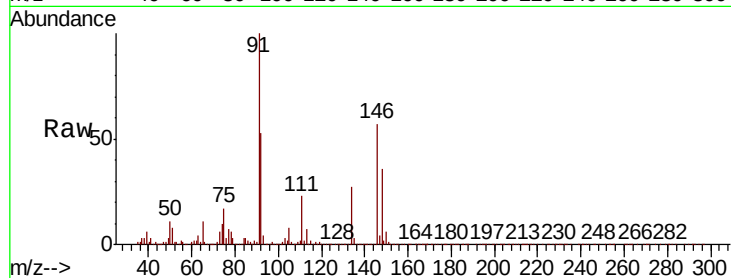
Tot Ion:146 Resp: 345660

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

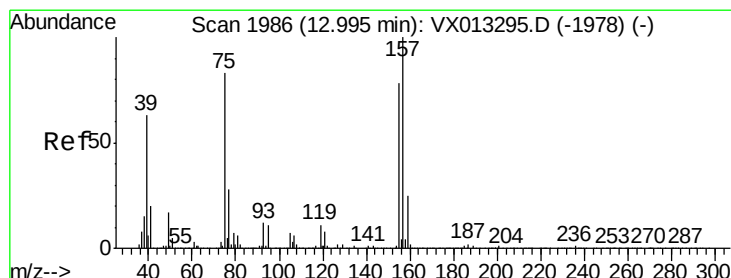
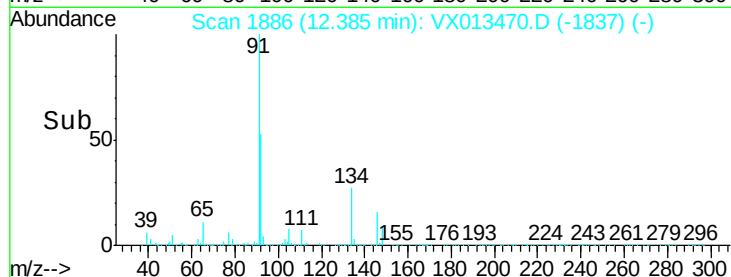
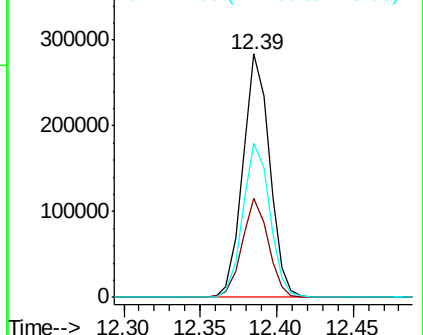
148 63.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.791 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

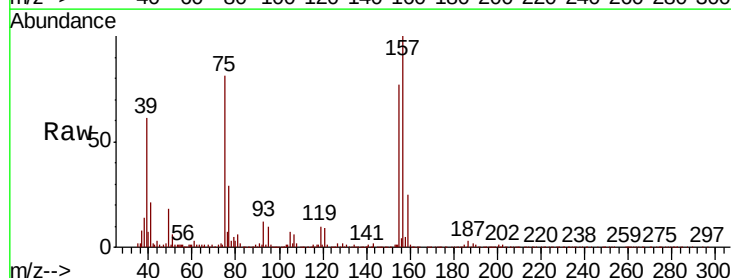
Tgt Ion: 75 Resp: 54990

Ion Ratio Lower Upper

75 100

155 98.8 47.1 141.4

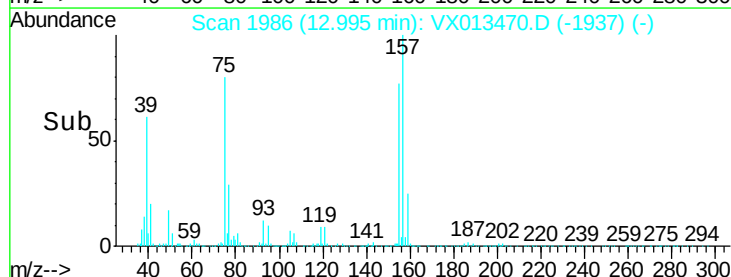
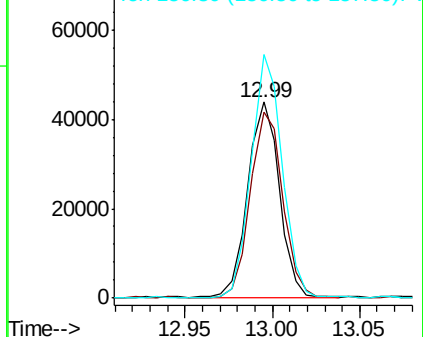
157 122.5 61.3 183.8

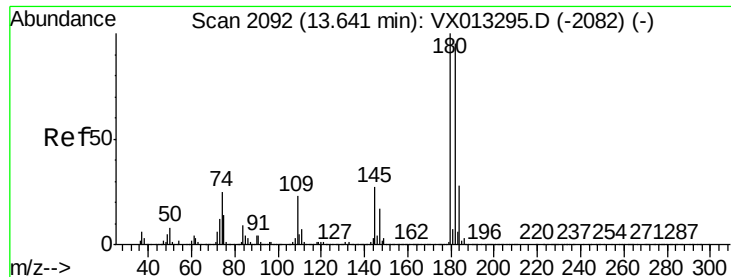


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

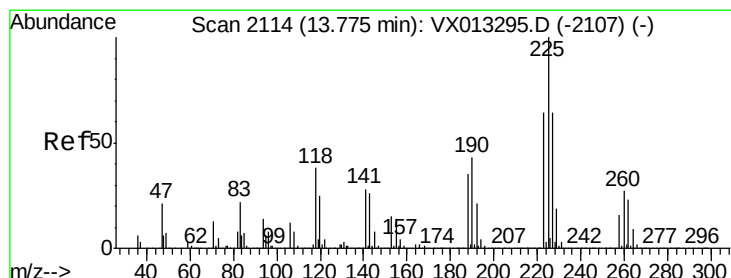
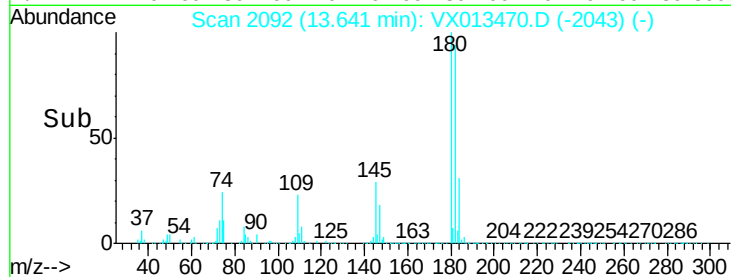
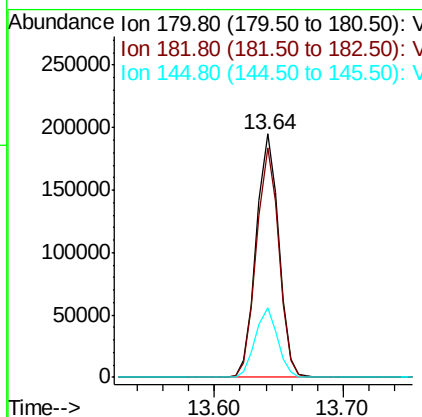
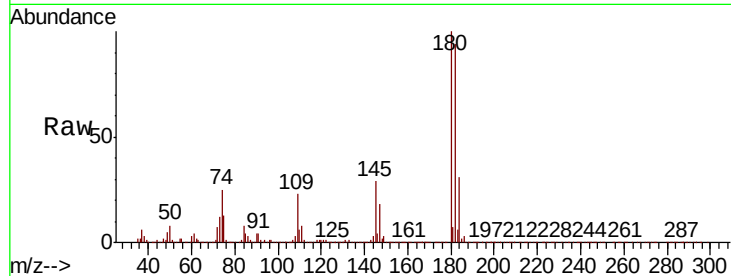




#93
 1,2,4-Trichlorobenzene
 Concen: 22.597 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

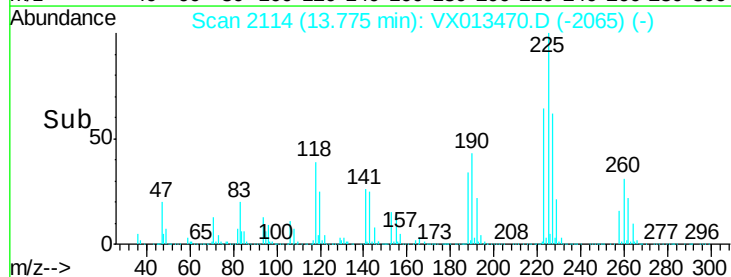
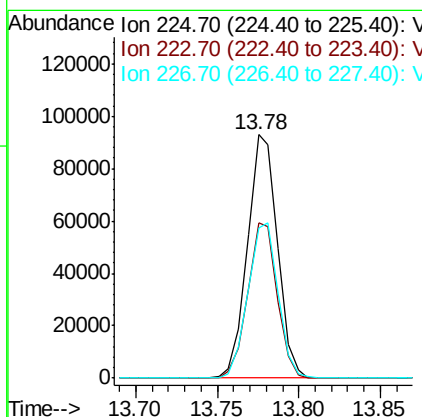
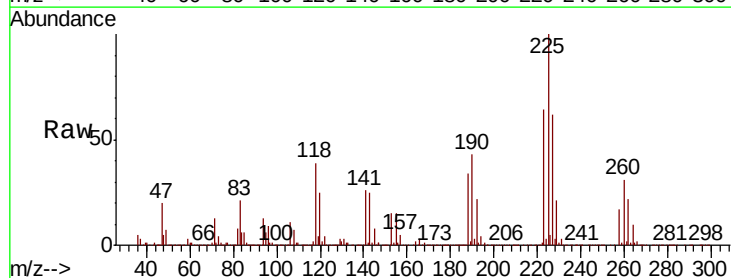
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

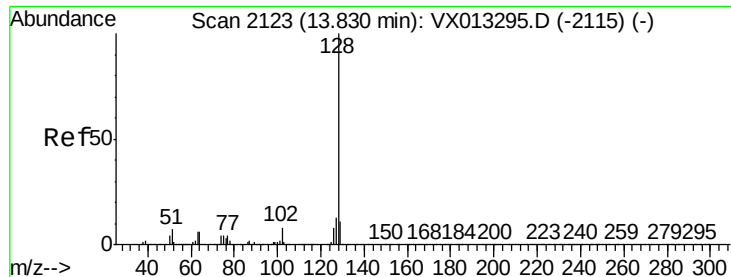
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.0
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 23.540 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	64.1	31.9	95.9





#95

Naphthalene

Concen: 21.617 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

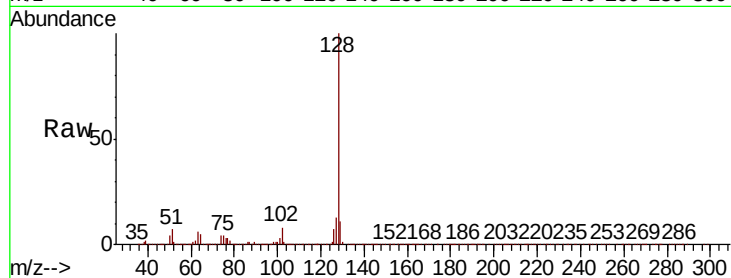
Tot Ion:128 Resp: 702514

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

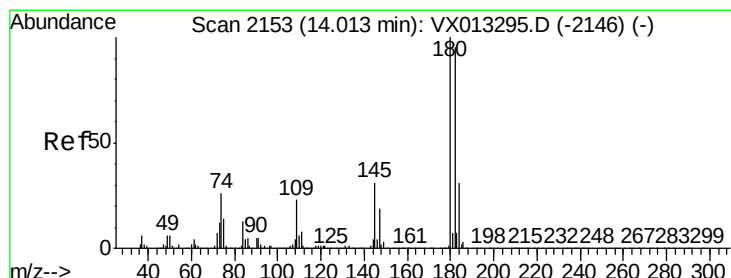
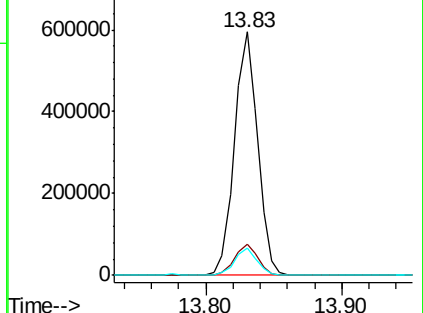
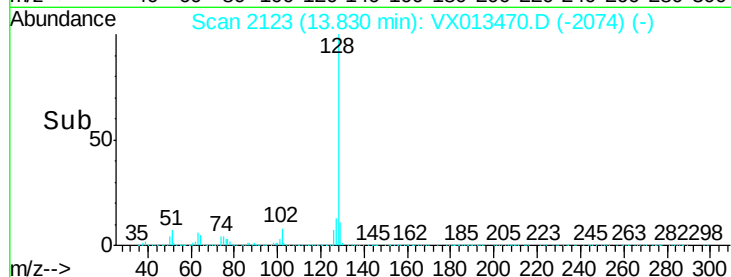
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.718 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

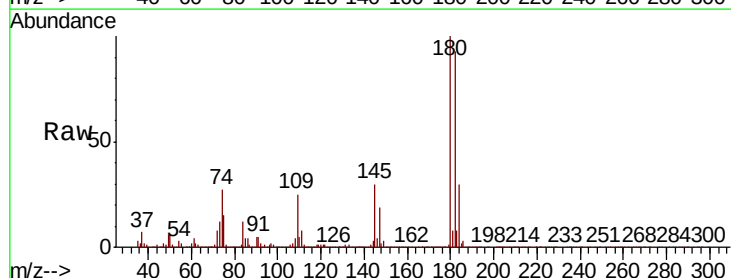
Tgt Ion:180 Resp: 235990

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.2

145 29.2 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

