

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013746.D
 Acq On : 04 Dec 2019 13:57
 Operator : JC/SP
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Quant Time: Dec 05 00:54:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	686680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1008677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	901129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453633	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	352161	44.18	ug/l	0.00
Spiked Amount			Recovery	=	88.36%	
35) Dibromofluoromethane	5.49	113	296034	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
50) Toluene-d8	8.71	98	1129018	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.13	95	401743	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	142156	18.599	ug/l	98
3) Chloromethane	1.32	50	150226	17.517	ug/l	97
4) Vinyl Chloride	1.40	62	178760	18.519	ug/l	99
5) Bromomethane	1.63	94	93435	14.414	ug/l	99
6) Chloroethane	1.72	64	100077	18.220	ug/l	97
7) Trichlorofluoromethane	1.92	101	199882	18.649	ug/l	98
8) Diethyl Ether	2.18	74	90396	18.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122035	18.640	ug/l	97
10) Methyl Iodide	2.50	142	96793	12.222	ug/l	100
11) Tert butyl alcohol	3.03	59	157537	80.072	ug/l	99
12) 1,1-Dichloroethene	2.36	96	121344	18.569	ug/l	96
13) Acrolein	2.28	56	91331	73.749	ug/l	99
14) Allyl chloride	2.72	41	212182	17.892	ug/l	98
15) Acrylonitrile	3.12	53	358559	88.290	ug/l	99
16) Acetone	2.43	43	398323	101.218	ug/l	99
17) Carbon Disulfide	2.56	76	323745	17.378	ug/l	100
18) Methyl Acetate	2.76	43	206360	18.831	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	410857	18.978	ug/l	99
20) Methylene Chloride	2.84	84	134845	17.836	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	127503	17.910	ug/l	97
22) Diisopropyl ether	3.84	45	425990	18.655	ug/l	# 87
23) Vinyl Acetate	3.80	43	1702565	89.624	ug/l	99
24) 1,1-Dichloroethane	3.69	63	232558	18.629	ug/l	97
25) 2-Butanone	4.65	43	531889	90.943	ug/l	99
26) 2,2-Dichloropropane	4.57	77	187385	18.143	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	149719	18.313	ug/l	98
28) Bromochloromethane	5.00	49	95236	19.298	ug/l	98
29) Tetrahydrofuran	5.11	42	315770	87.581	ug/l	99
30) Chloroform	5.20	83	229444	18.123	ug/l	96
31) Cyclohexane	5.56	56	207820	17.650	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	197912	18.707	ug/l	100
36) 1,1-Dichloropropene	5.79	75	172668	18.858	ug/l	99
37) Ethyl Acetate	4.81	43	191520	18.645	ug/l	99
38) Carbon Tetrachloride	5.78	117	166126	19.676	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013746.D
 Acq On : 04 Dec 2019 13:57
 Operator : JC/SP
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Quant Time: Dec 05 00:54:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	218933	19.344	ug/l	98
40) Benzene	6.13	78	530873	19.037	ug/l	98
41) Methacrylonitrile	5.02	41	111778	19.842	ug/l	98
42) 1,2-Dichloroethane	6.18	62	183103	19.253	ug/l	99
43) Isopropyl Acetate	6.43	43	316549	18.719	ug/l	100
44) Trichloroethene	7.20	130	146990	19.206	ug/l	95
45) 1,2-Dichloropropane	7.50	63	135661	19.443	ug/l	99
46) Dibromomethane	7.65	93	89959	18.984	ug/l	99
47) Bromodichloromethane	7.89	83	178530	19.929	ug/l	97
48) Methyl methacrylate	7.76	41	157287	19.143	ug/l	98
49) 1,4-Dioxane	7.73	88	63554	345.555	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	996438	93.674	ug/l	100
52) Toluene	8.78	92	336214	19.407	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	189982	18.631	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	216811	19.462	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	135306	19.381	ug/l	98
56) Ethyl methacrylate	9.17	69	214176	19.081	ug/l	99
57) 1,3-Dichloropropane	9.37	76	229956	19.109	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	390490	88.732	ug/l	98
59) 2-Hexanone	9.48	43	764040	92.094	ug/l	100
60) Dibromochloromethane	9.57	129	140257	19.358	ug/l	98
61) 1,2-Dibromoethane	9.67	107	143268	19.214	ug/l	99
64) Tetrachloroethene	9.33	164	141668	21.081	ug/l	95
65) Chlorobenzene	10.14	112	363709	19.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	135421	20.157	ug/l	100
67) Ethyl Benzene	10.25	91	638152	19.849	ug/l	100
68) m/p-Xylenes	10.35	106	490626	39.860	ug/l	98
69) o-Xylene	10.70	106	233301	19.434	ug/l	98
70) Styrene	10.71	104	397593	19.689	ug/l	99
71) Bromoform	10.85	173	108689	19.552	ug/l	97
73) Isopropylbenzene	11.01	105	630259	19.807	ug/l	100
74) N-amyl acetate	10.89	43	271130	18.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	210163	19.045	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	233460	22.881	ug/l	88
77) Bromobenzene	11.25	156	164912	19.184	ug/l	100
78) n-propylbenzene	11.35	91	706367	19.886	ug/l	100
79) 2-Chlorotoluene	11.42	91	420104	19.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	521851	20.010	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65659	17.606	ug/l	99
82) 4-Chlorotoluene	11.51	91	479676	19.436	ug/l	99
83) tert-Butylbenzene	11.76	119	528795	19.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	530427	20.040	ug/l	100
85) sec-Butylbenzene	11.94	105	610571	20.168	ug/l	99
86) p-Isopropyltoluene	12.06	119	564442	20.041	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288567	19.257	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	288093	18.875	ug/l	99
89) n-Butylbenzene	12.39	91	473347	19.705	ug/l	99
90) Hexachloroethane	12.59	117	99384	19.523	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	288340	19.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42135	17.534	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013746.D
Acq On : 04 Dec 2019 13:57
Operator : JC/SP
Sample : VX1204WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Quant Time: Dec 05 00:54:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

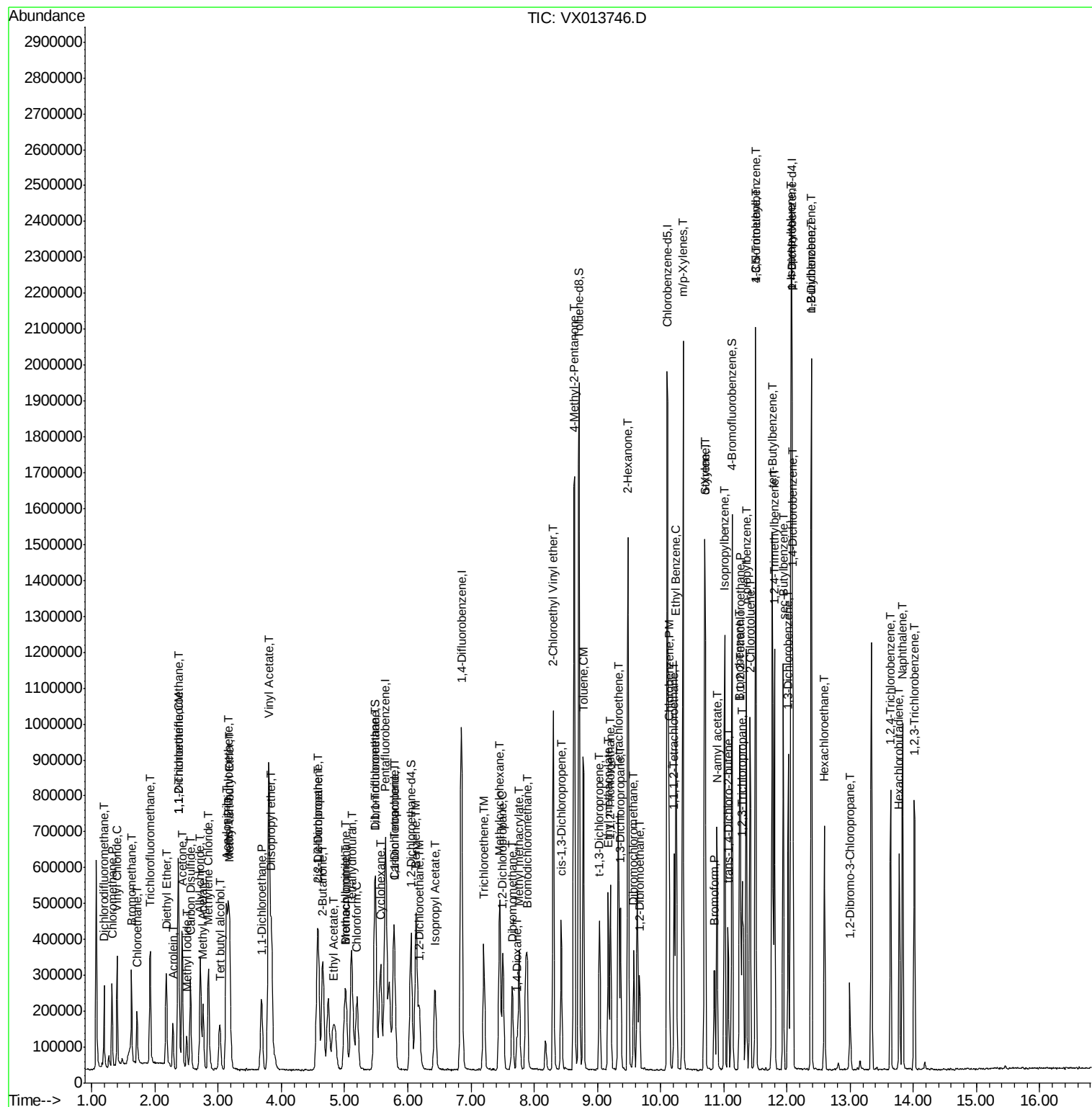
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	194174	18.818	ug/l	98
94) Hexachlorobutadiene	13.78	225	97578	19.686	ug/l	98
95) Naphthalene	13.83	128	588413	19.148	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	196337	19.217	ug/l	98

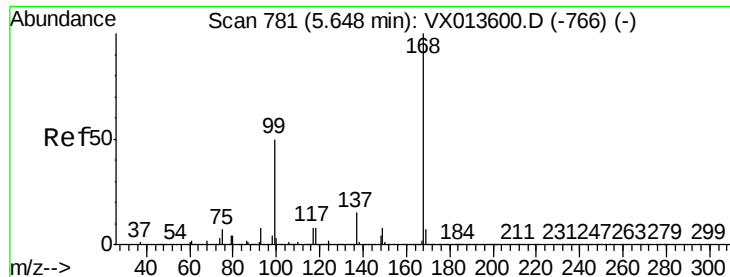
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013746.D
Acq On : 04 Dec 2019 13:57
Operator : JC/SP
Sample : VX1204WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
VX1204WBS01

Quant Time: Dec 05 00:54:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 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: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

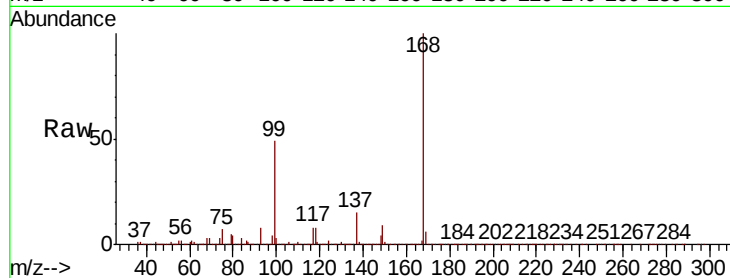
VX1204WBS01

Tot Ion:168 Resp: 686680

Ion Ratio Lower Upper

168 100

99 49.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

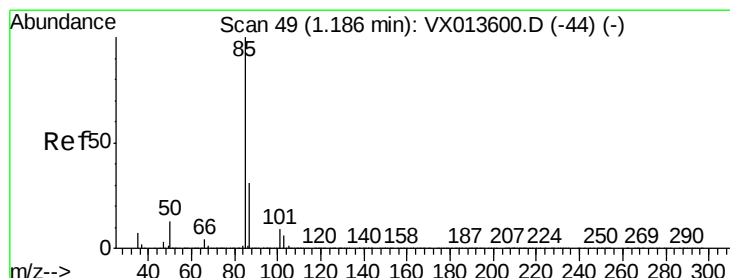
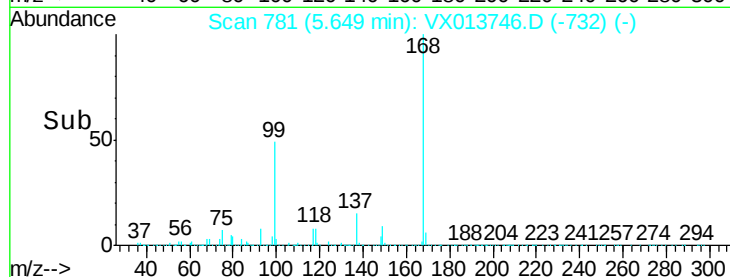
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.599 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013746.D

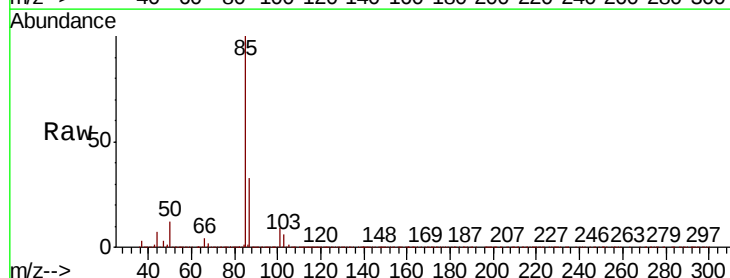
Acq: 04 Dec 2019 13:57

Tgt Ion: 85 Resp: 142156

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

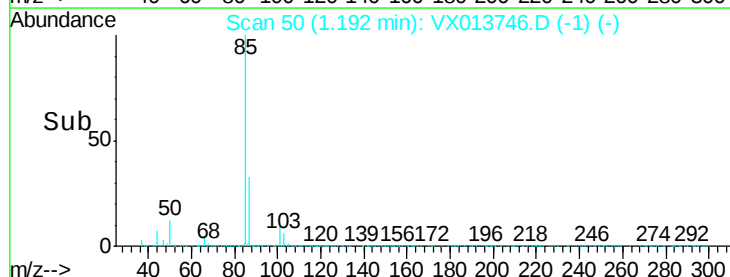
150000

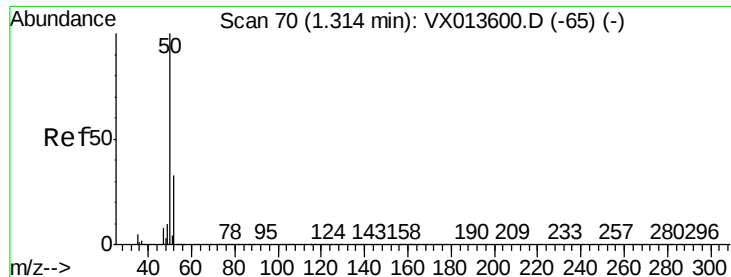
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.517 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

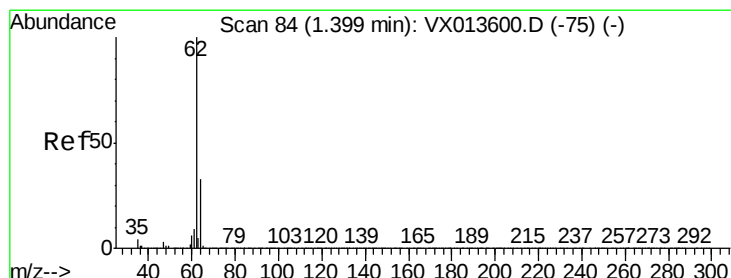
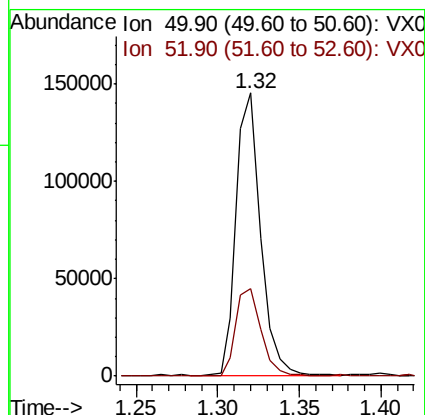
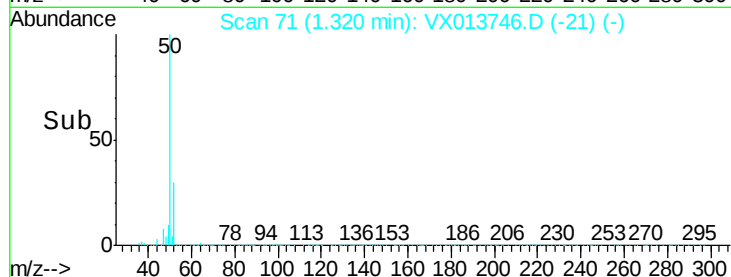
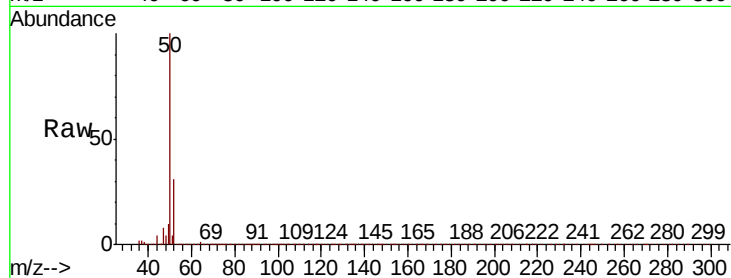
VX1204WBS01

Tot Ion: 50 Resp: 150226

Ion Ratio Lower Upper

50 100

52 30.7 26.0 39.0



#4

Vinyl Chloride

Concen: 18.519 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013746.D

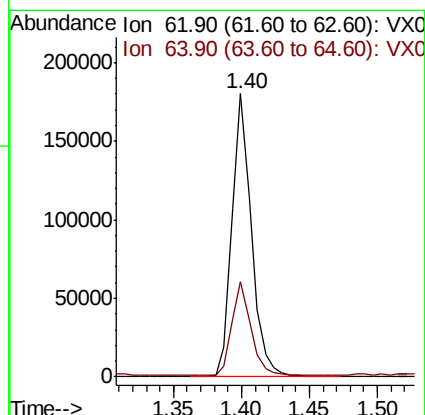
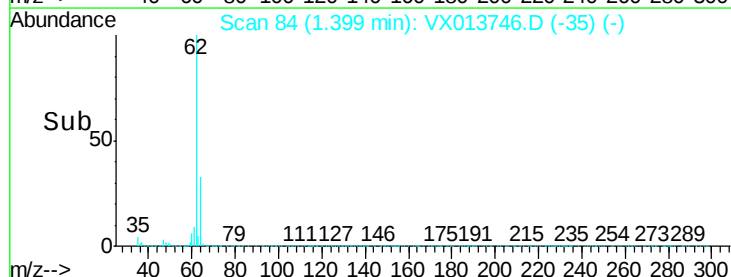
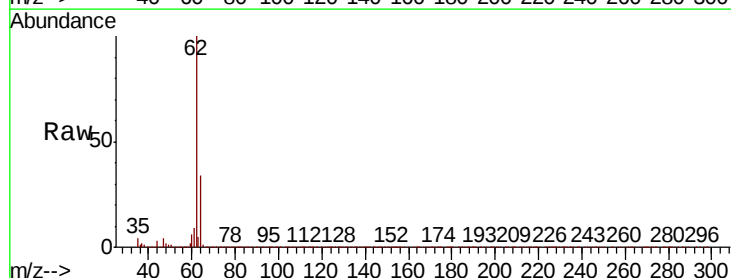
Acq: 04 Dec 2019 13:57

Tgt Ion: 62 Resp: 178760

Ion Ratio Lower Upper

62 100

64 33.1 26.0 39.0





#5

Bromomethane

Concen: 14.414 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

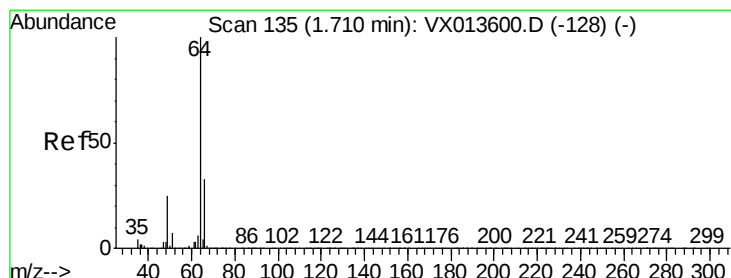
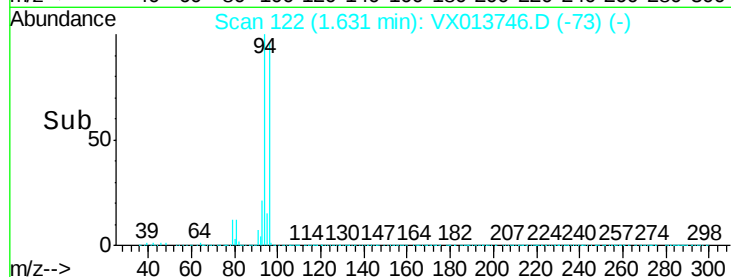
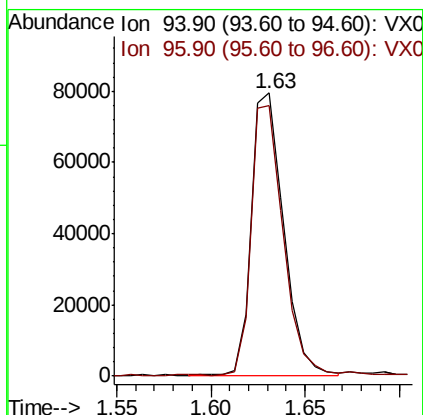
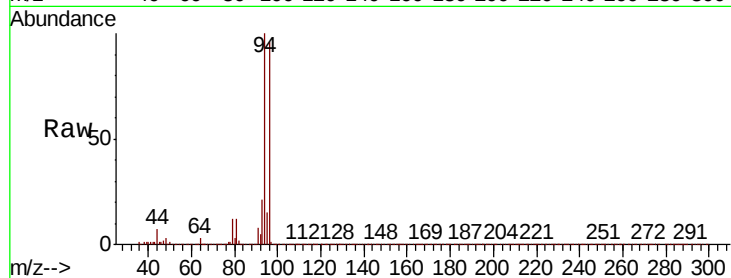
VX1204WBS01

Tot Ion: 94 Resp: 93435

Ion Ratio Lower Upper

94 100

96 95.3 77.0 115.4



#6

Chloroethane

Concen: 18.220 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013746.D

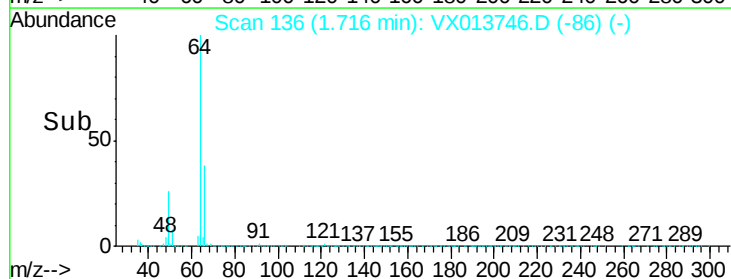
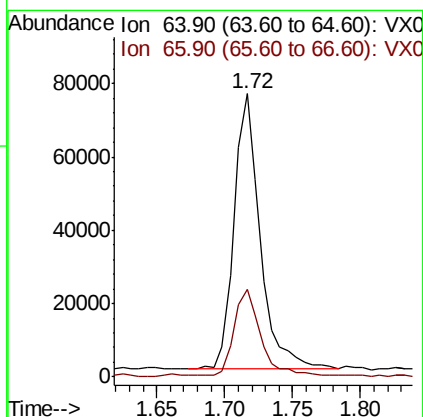
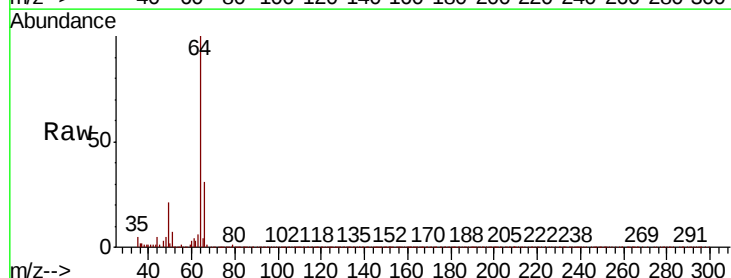
Acq: 04 Dec 2019 13:57

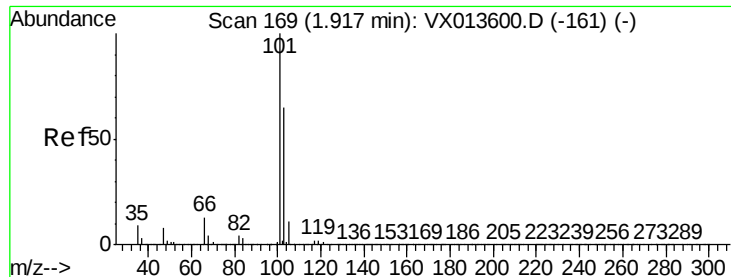
Tgt Ion: 64 Resp: 100077

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1



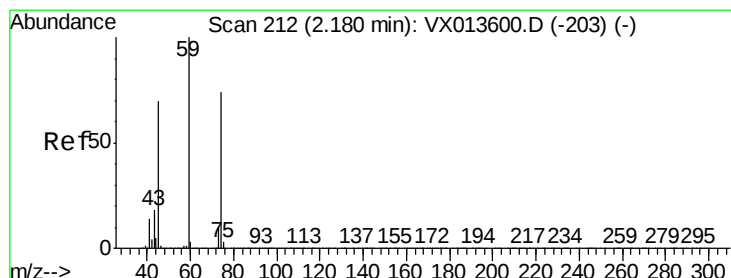
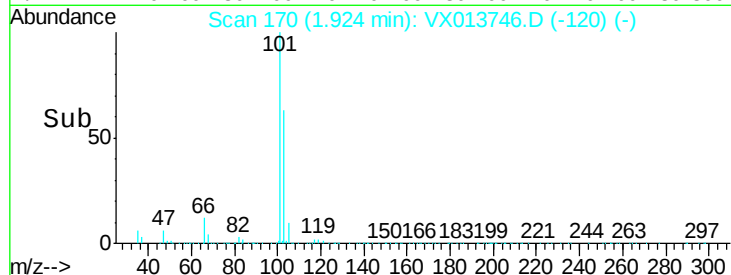
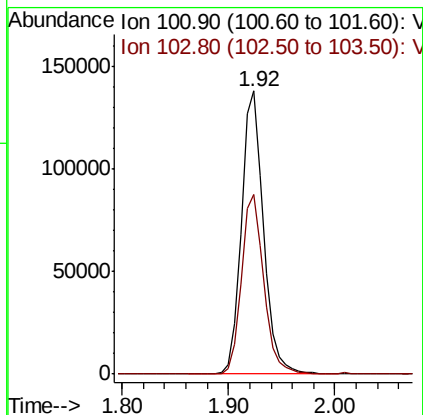
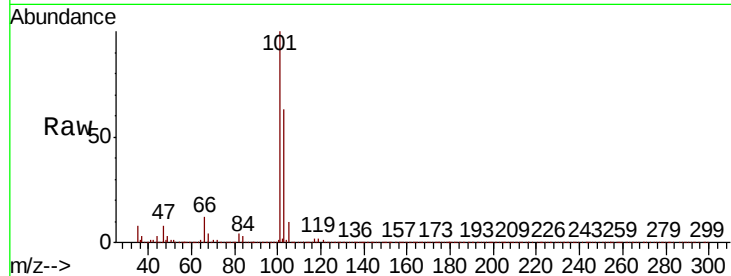


#7

Trichlorofluoromethane
Concen: 18.649 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

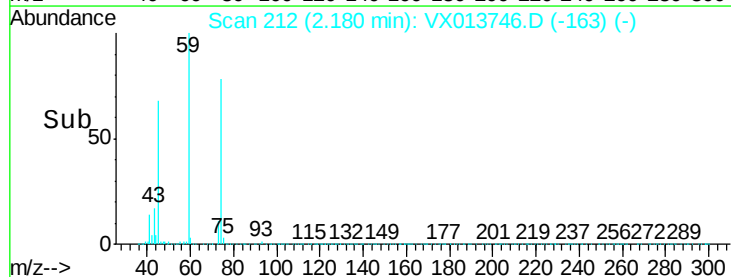
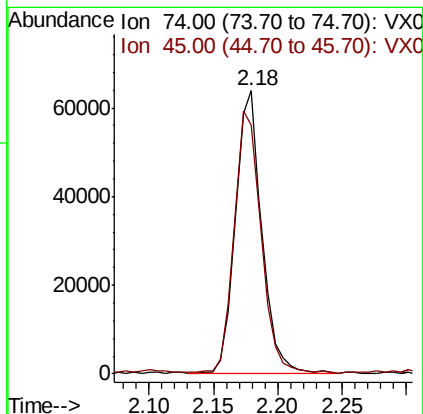
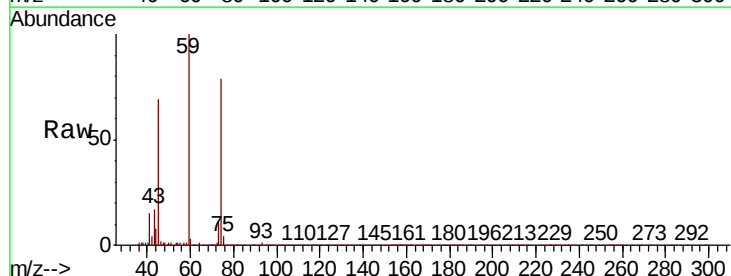
Tot Ion:101 Resp: 199882
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.6

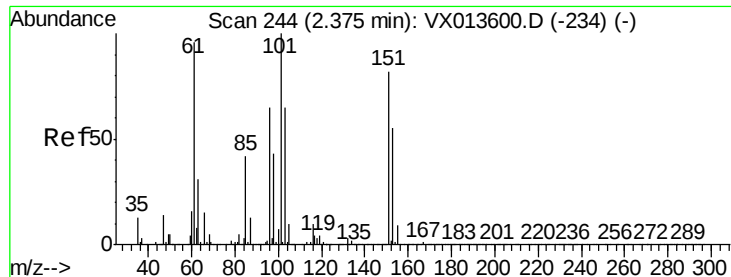


#8

Diethyl Ether
Concen: 18.642 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 74 Resp: 90396
Ion Ratio Lower Upper
74 100
45 95.2 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.640 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

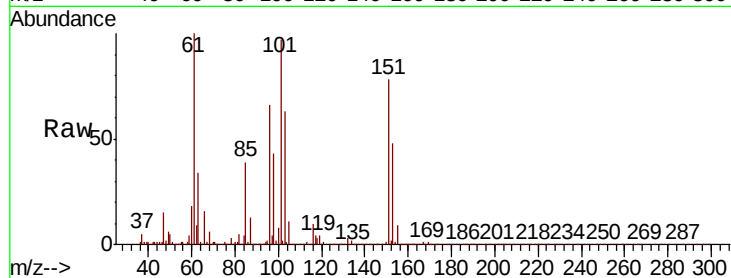
Tot Ion:101 Resp: 122035

Ion Ratio Lower Upper

101 100

85 41.8 33.9 50.9

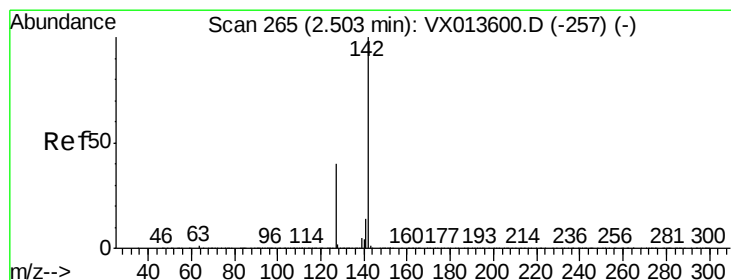
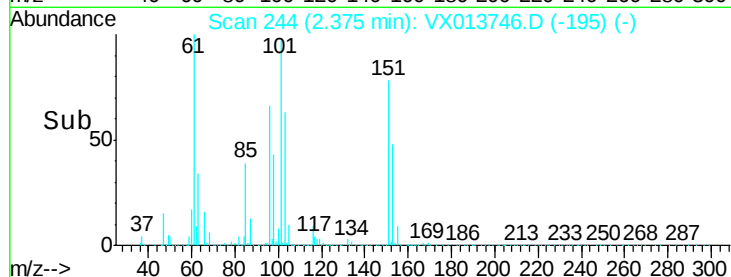
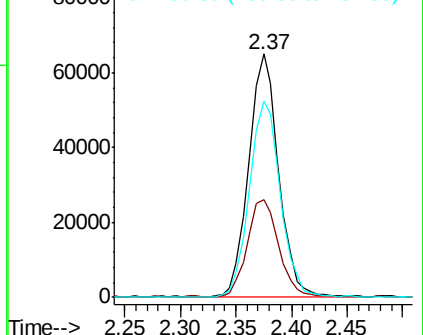
151 84.5 64.2 96.2



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: 12.222 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

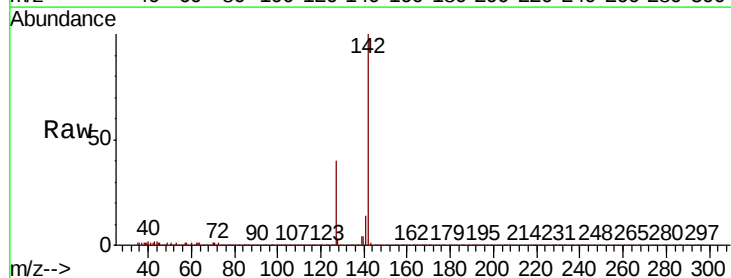
Tgt Ion:142 Resp: 96793

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

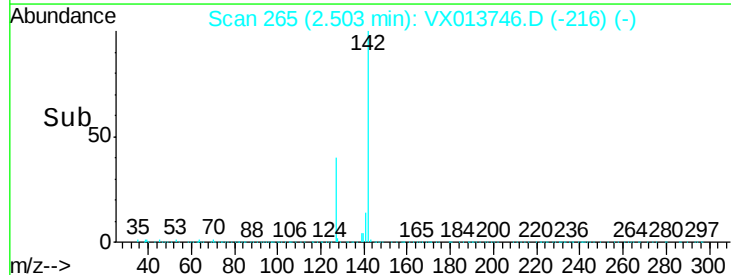
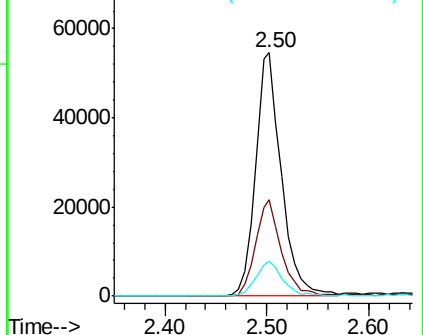
141 14.9 11.6 17.4

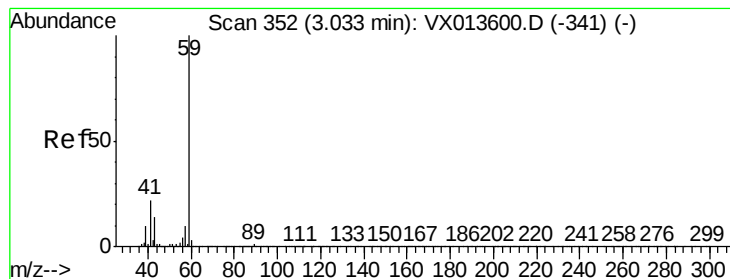


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



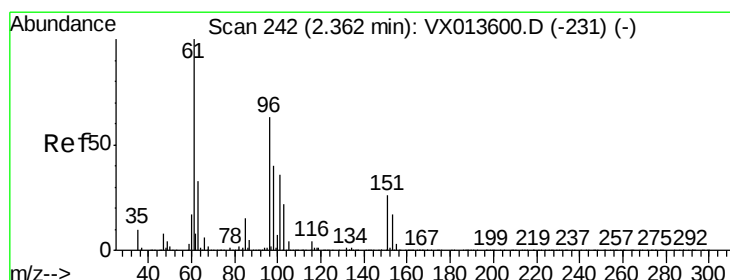
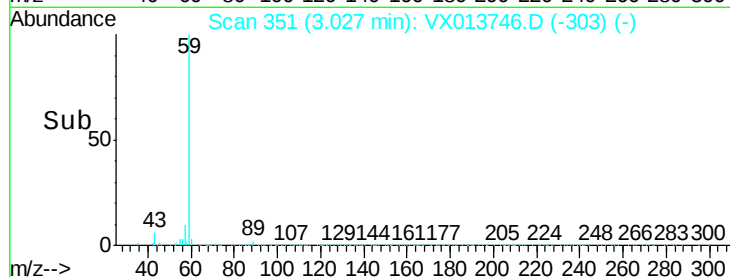
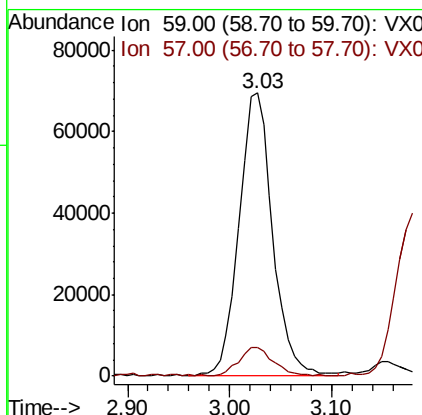
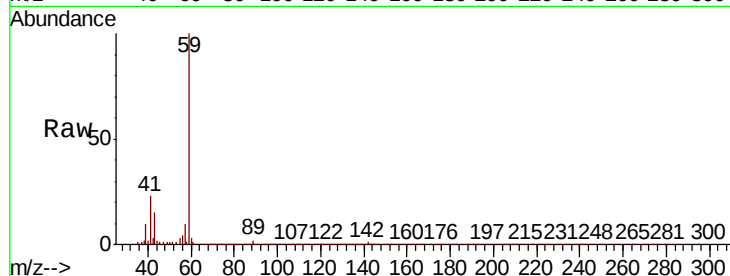


#11

Tert butyl alcohol
 Concen: 80.072 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

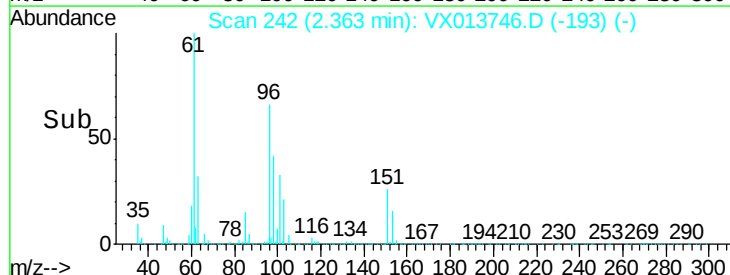
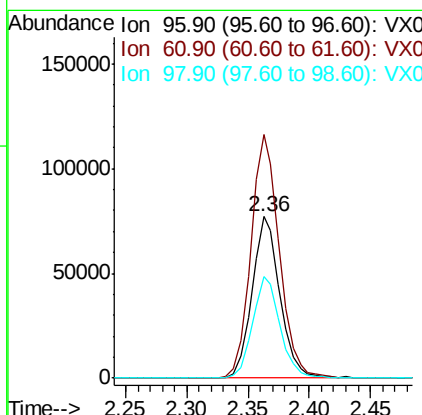
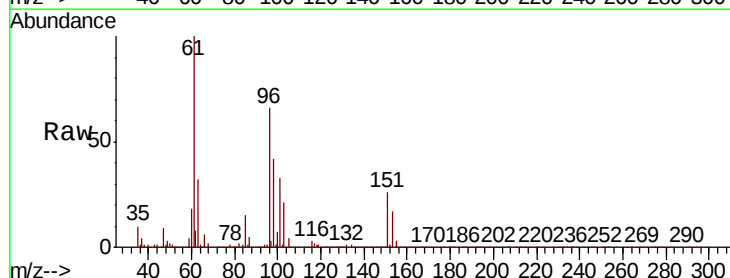
Tot Ion: 59 Resp: 157537
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

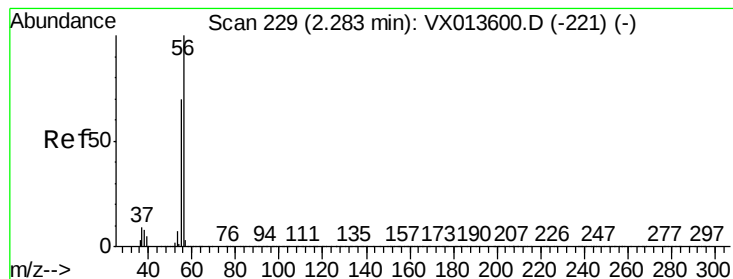


#12

1,1-Dichloroethene
 Concen: 18.569 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion: 96 Resp: 121344
 Ion Ratio Lower Upper
 96 100
 61 150.8 126.6 190.0
 98 63.0 50.6 76.0





#13

Acrolein

Concen: 73.749 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

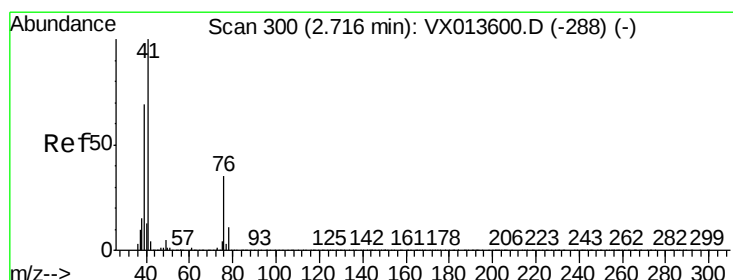
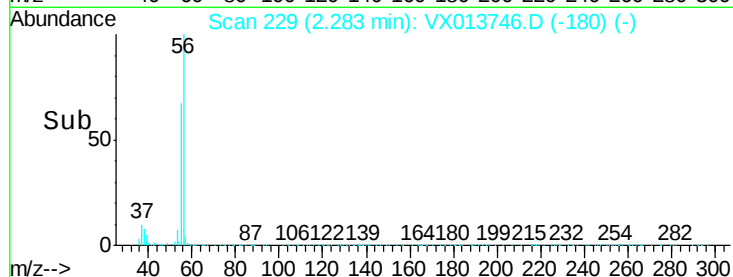
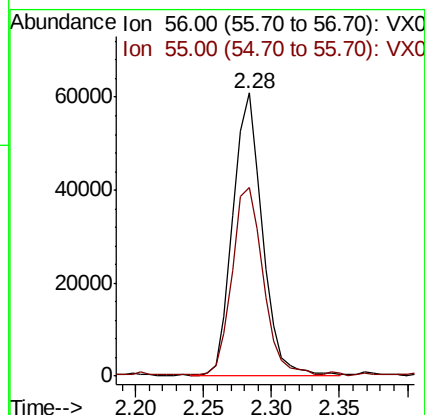
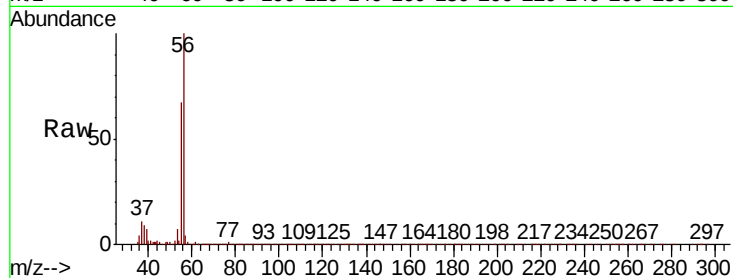
VX1204WBS01

Tot Ion: 56 Resp: 91331

Ion Ratio Lower Upper

56 100

55 69.6 56.2 84.4



#14

Allyl chloride

Concen: 17.892 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

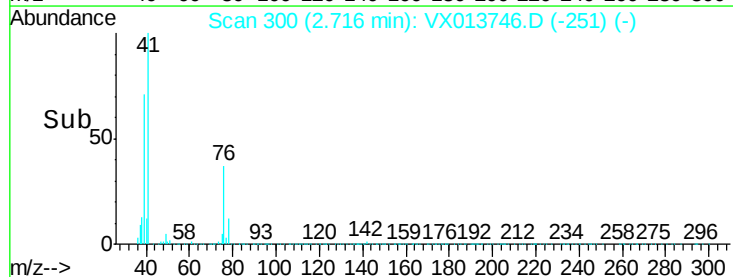
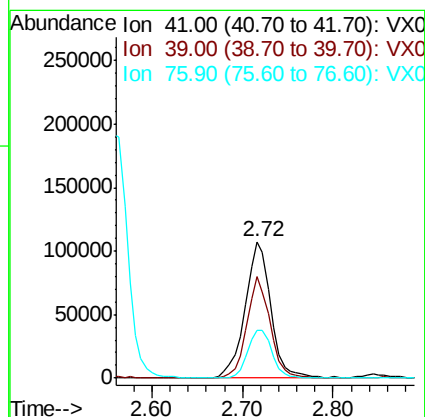
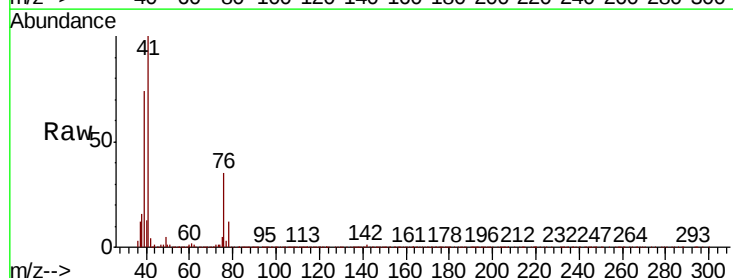
Tgt Ion: 41 Resp: 212182

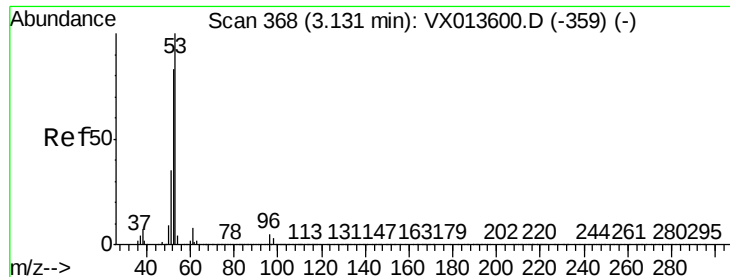
Ion Ratio Lower Upper

41 100

39 66.1 51.7 77.5

76 33.1 25.9 38.9





#15

Acrylonitrile

Concen: 88.290 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

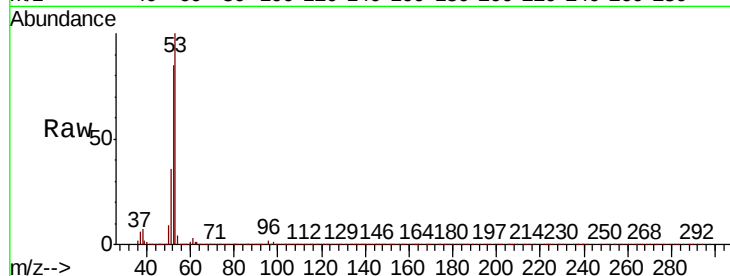
Tot Ion: 53 Resp: 358559

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.2

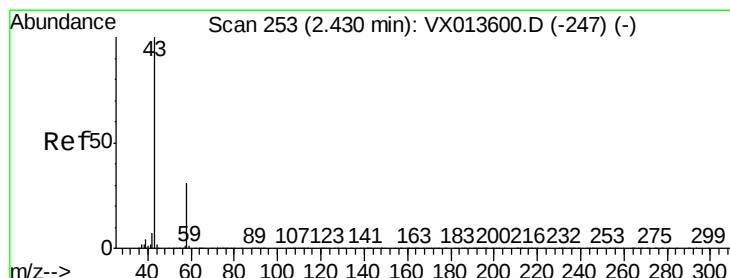
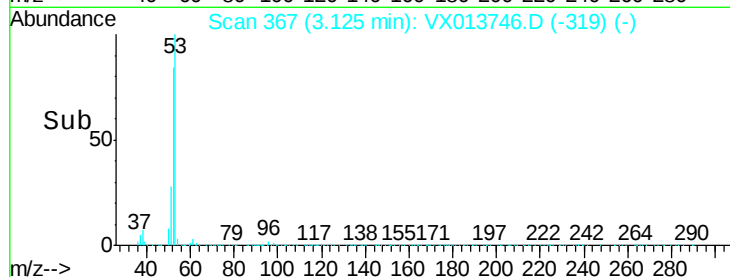
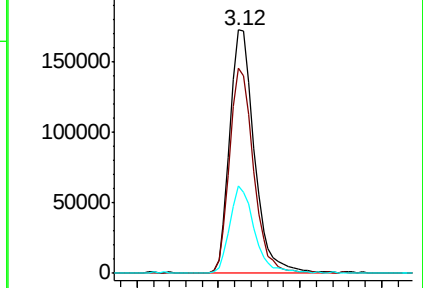
51 35.6 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 101.218 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013746.D

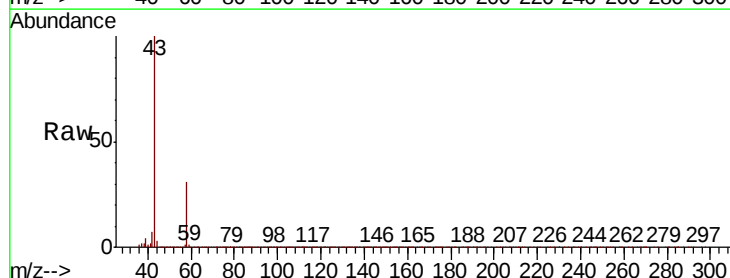
Acq: 04 Dec 2019 13:57

Tgt Ion: 43 Resp: 398323

Ion Ratio Lower Upper

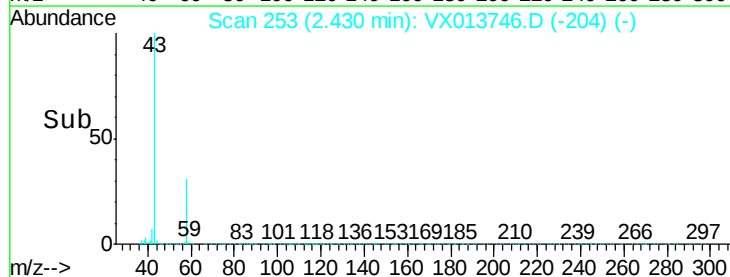
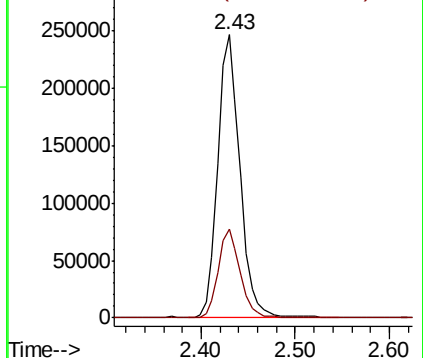
43 100

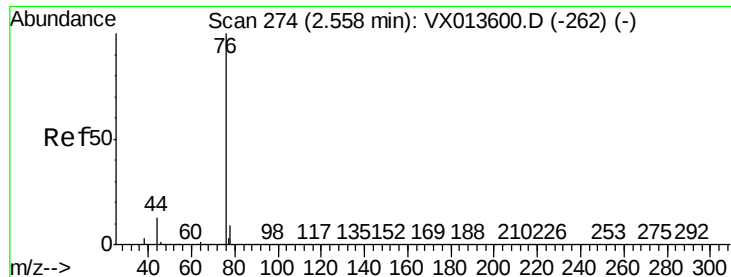
58 31.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.378 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

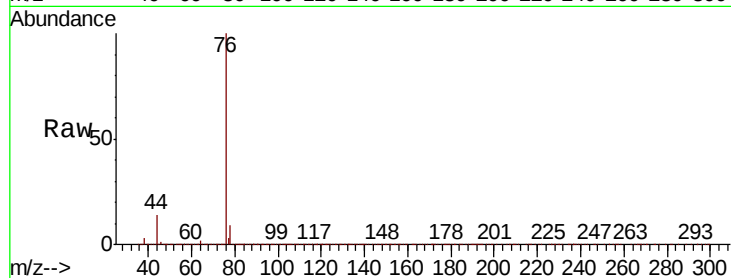
VX1204WBS01

Tot Ion: 76 Resp: 323745

Ion Ratio Lower Upper

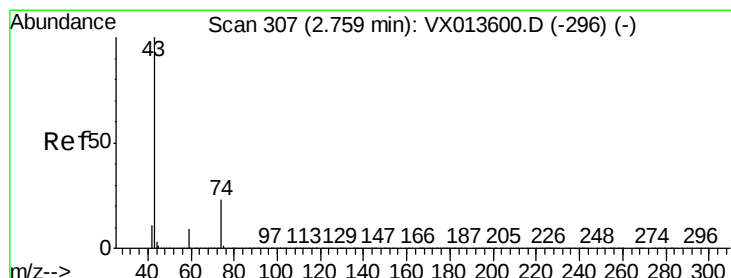
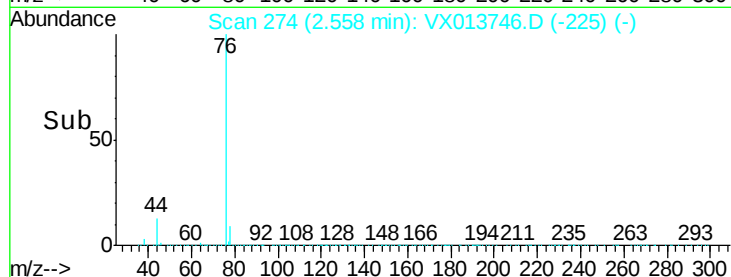
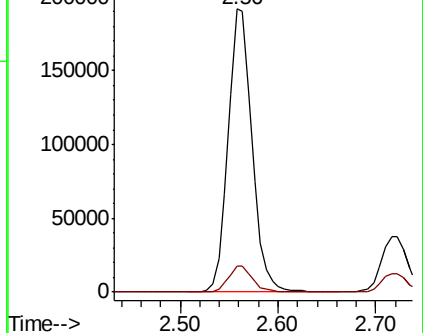
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.831 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013746.D

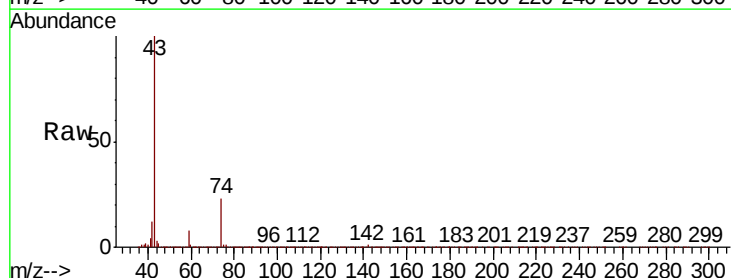
Acq: 04 Dec 2019 13:57

Tgt Ion: 43 Resp: 206360

Ion Ratio Lower Upper

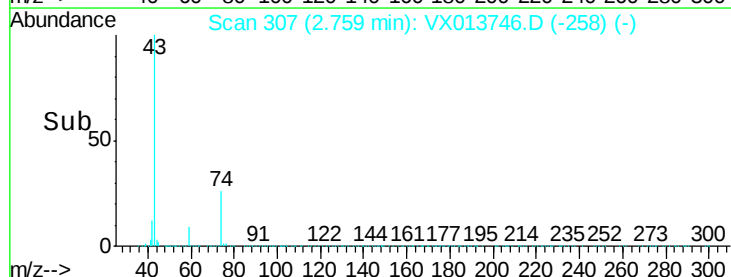
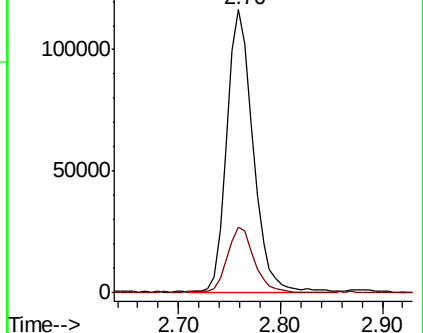
43 100

74 23.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



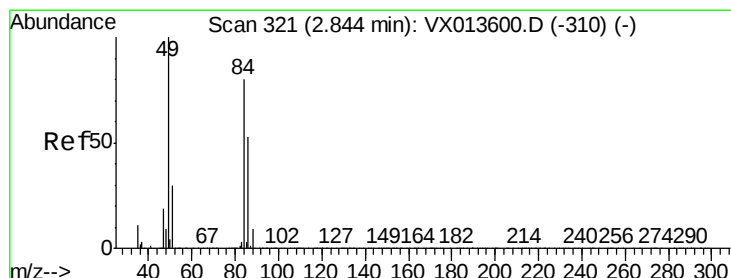
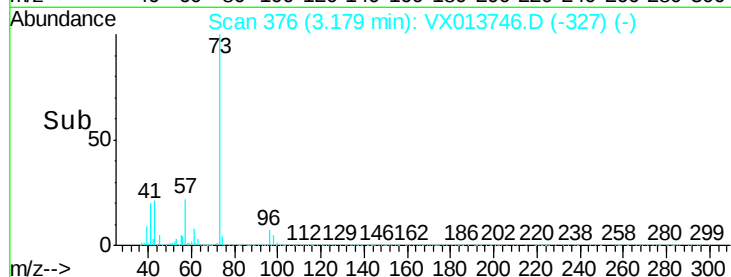
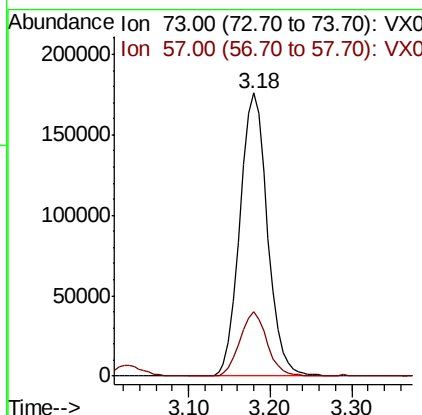
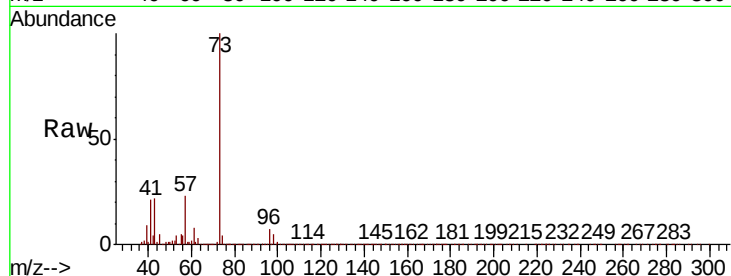


#19

Methyl tert-butyl Ether
 Concen: 18.978 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

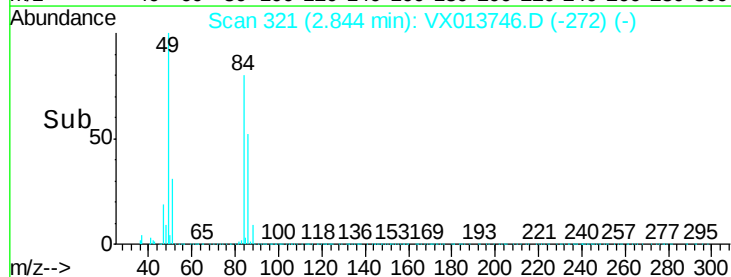
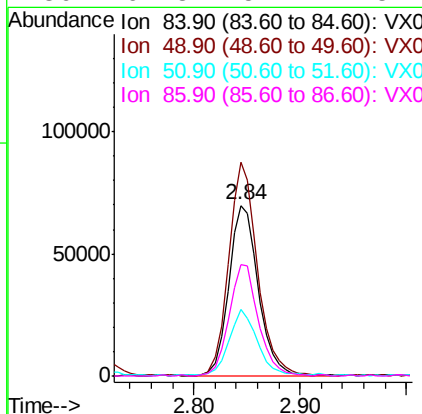
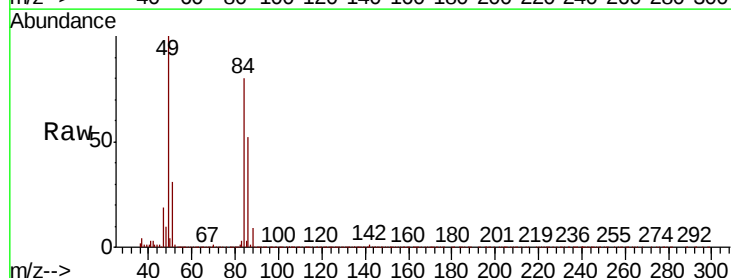
Tot Ion: 73 Resp: 410857
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.3 27.5

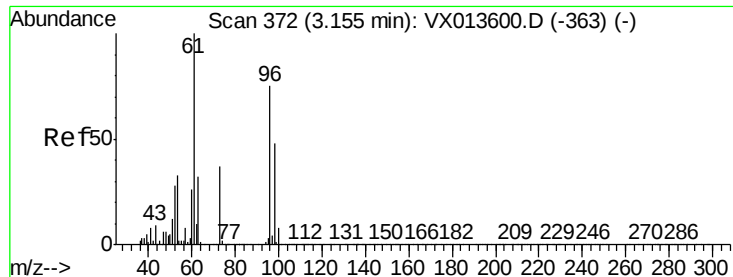


#20

Methylene Chloride
 Concen: 17.836 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion: 84 Resp: 134845
 Ion Ratio Lower Upper
 84 100
 49 125.0 99.7 149.5
 51 38.6 29.9 44.9
 86 64.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 17.910 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

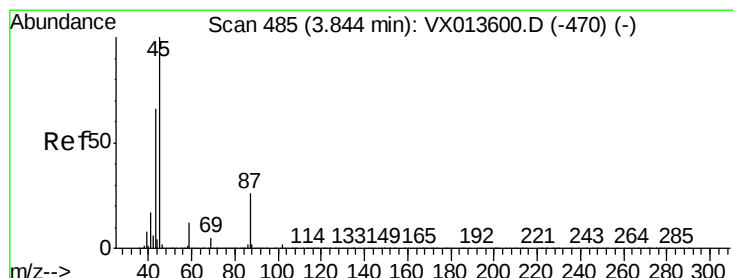
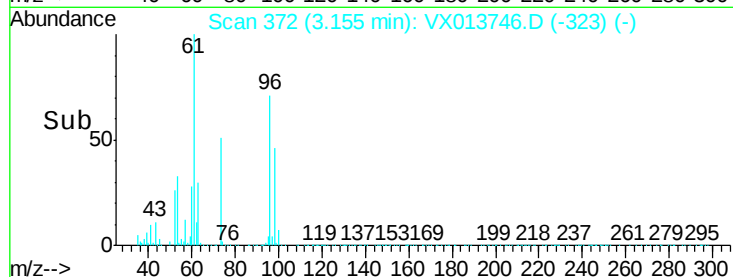
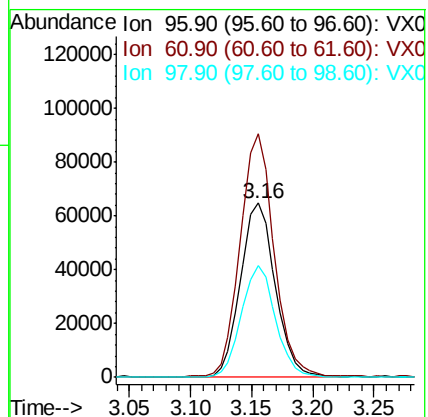
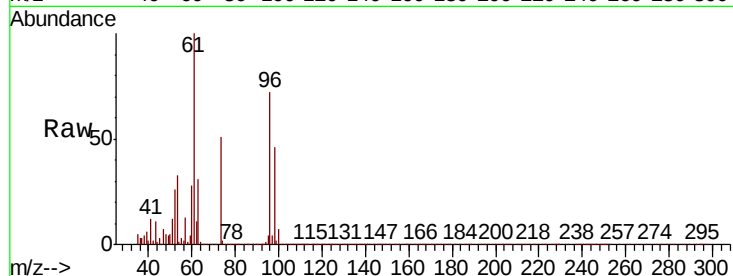
Tot Ion: 96 Resp: 127503

Ion Ratio Lower Upper

96 100

61 139.4 107.2 160.8

98 64.1 51.4 77.0



#22

Diisopropyl ether

Concen: 18.655 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion: 45 Resp: 425990

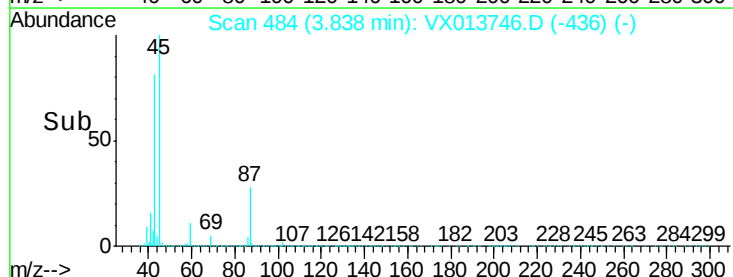
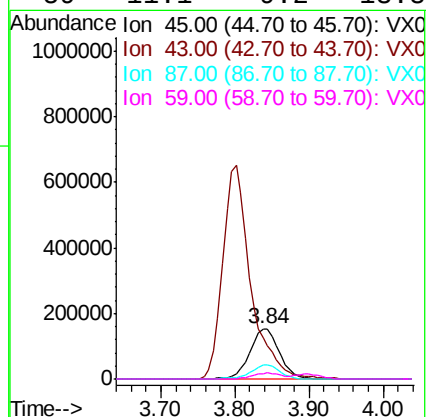
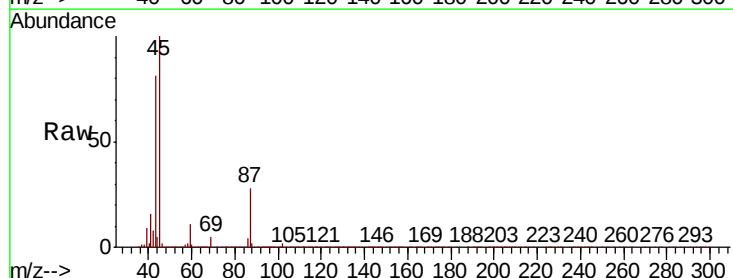
Ion Ratio Lower Upper

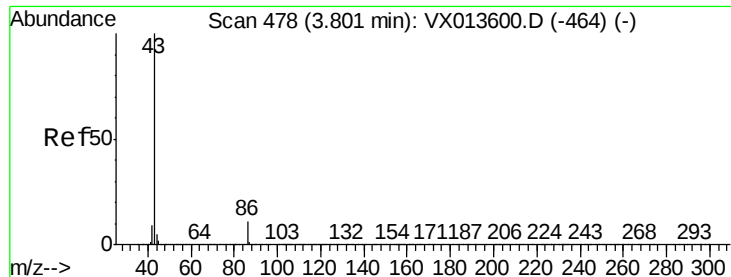
45 100

43 80.9 52.6 79.0#

87 27.5 21.1 31.7

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 89.624 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

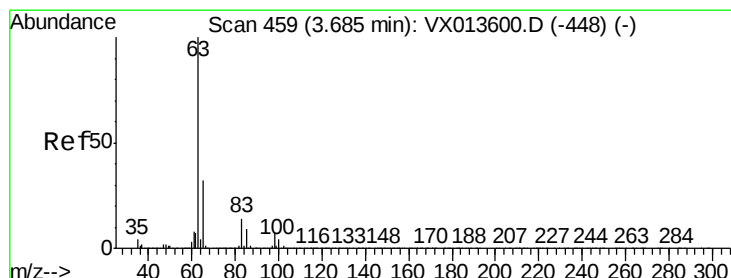
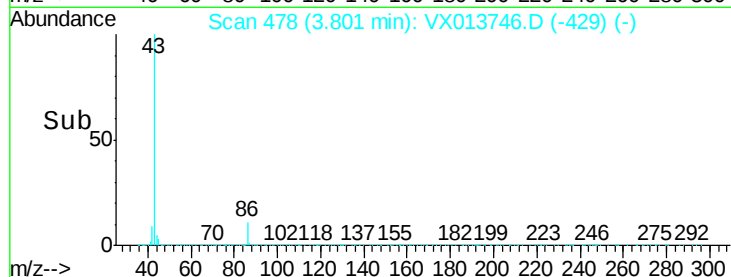
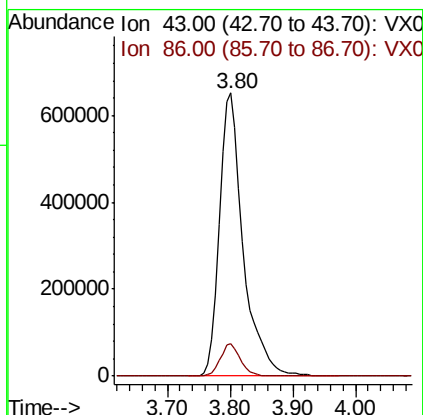
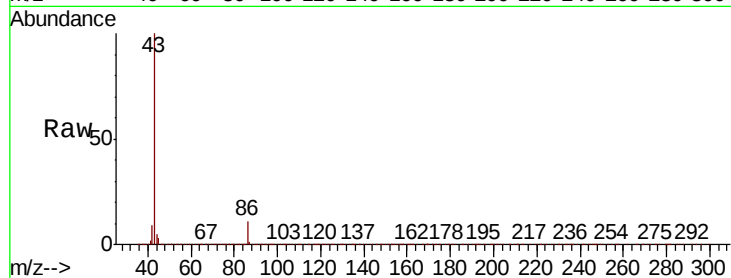
VX1204WBS01

Tot Ion: 43 Resp: 1702565

Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1



#24

1,1-Dichloroethane

Concen: 18.629 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

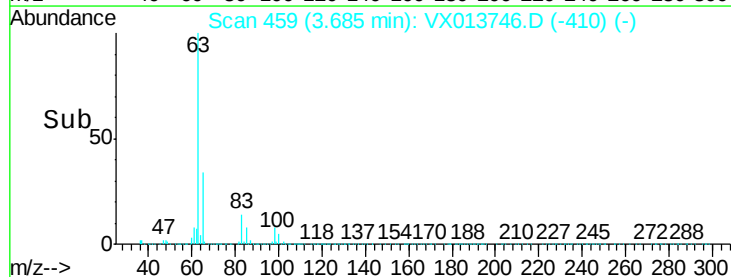
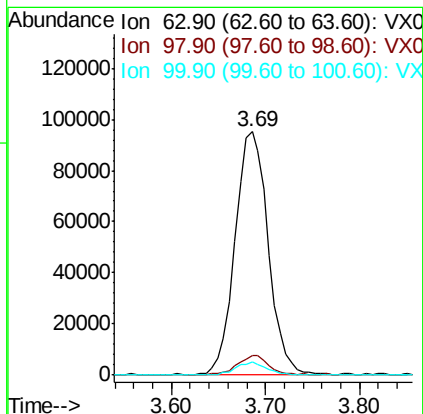
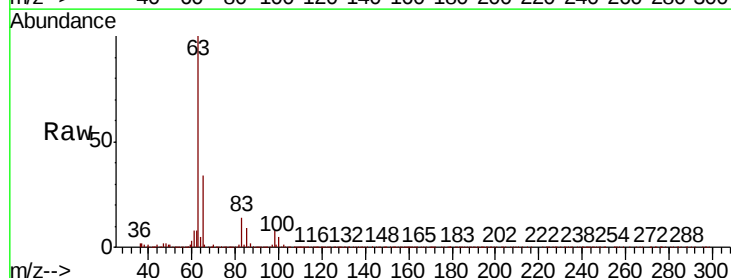
Tgt Ion: 63 Resp: 232558

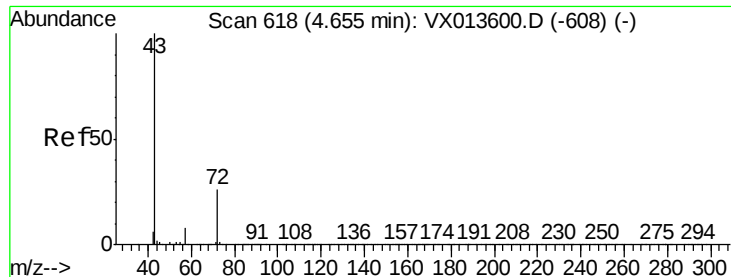
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 5.3 2.1 6.3

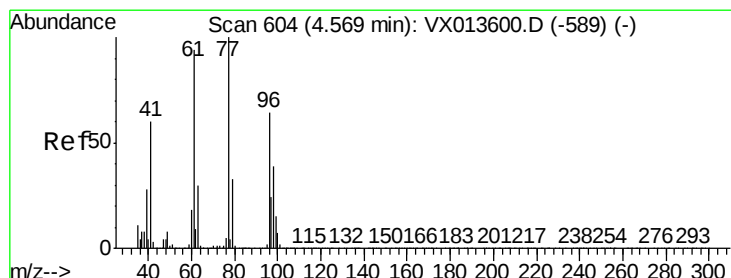
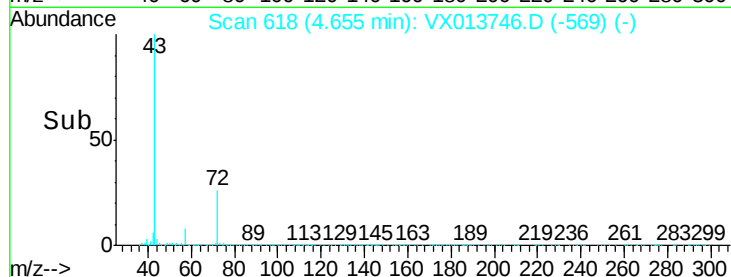
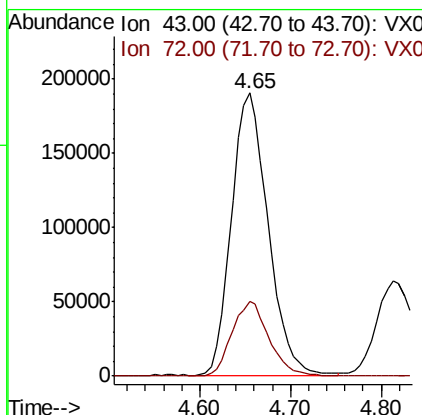
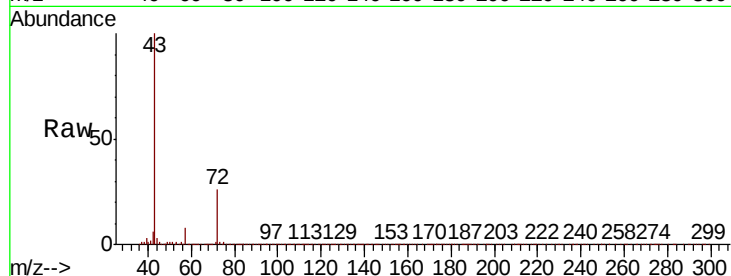




#25
2-Butanone
Concen: 90.943 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

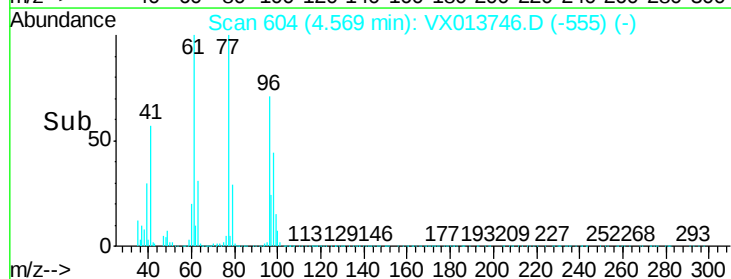
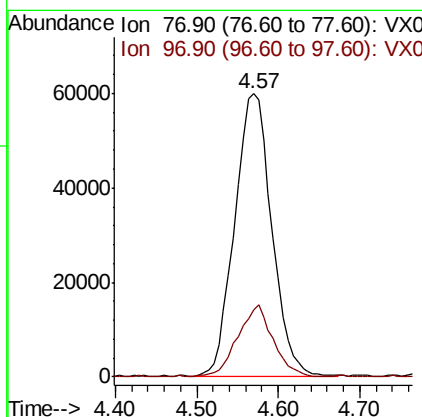
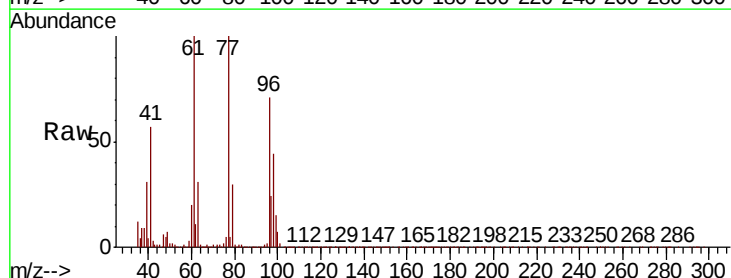
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

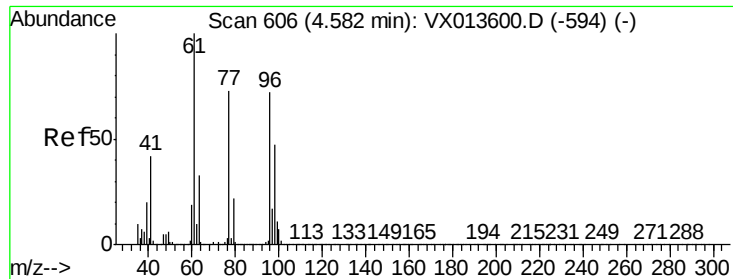
Tot Ion: 43 Resp: 531889
Ion Ratio Lower Upper
43 100
72 26.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.143 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 77 Resp: 187385
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.1



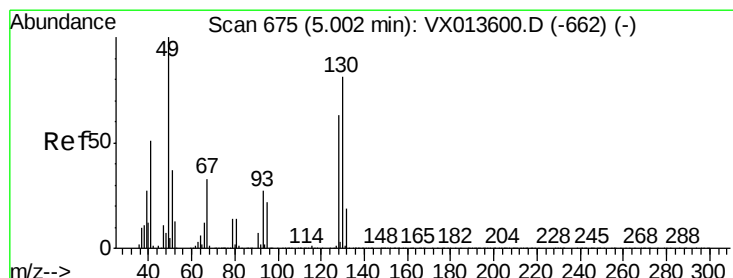
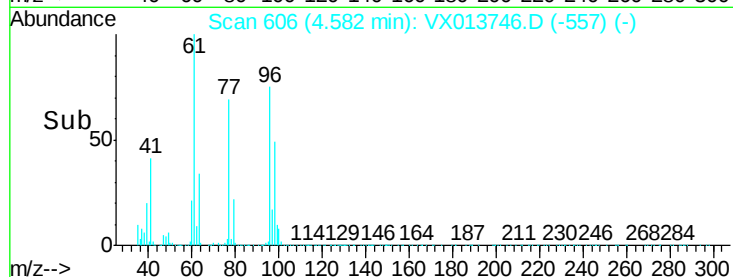
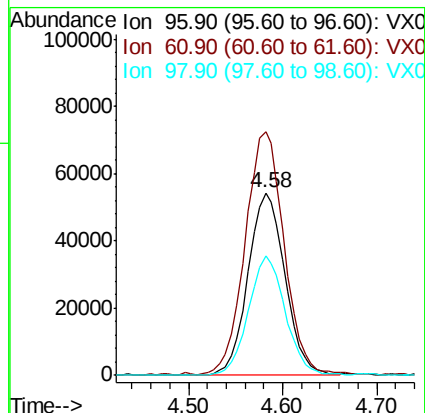
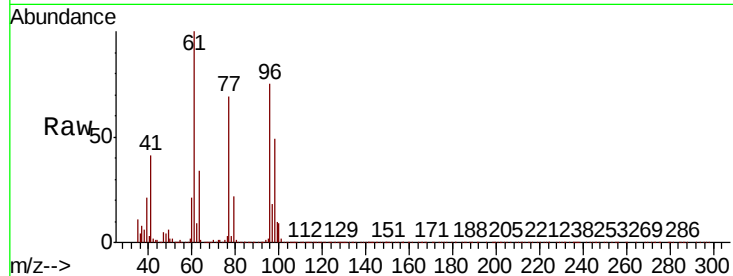


#27

cis-1,2-Dichloroethene
Concen: 18.313 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

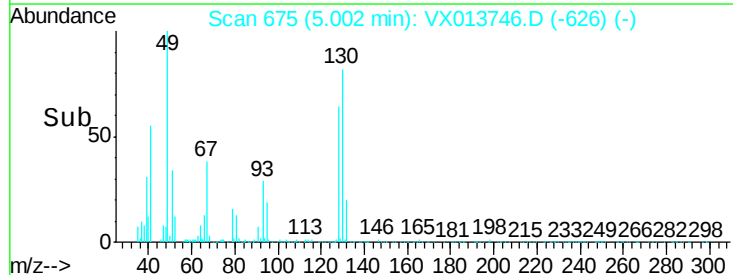
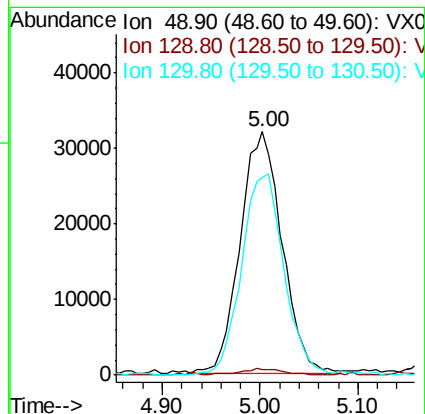
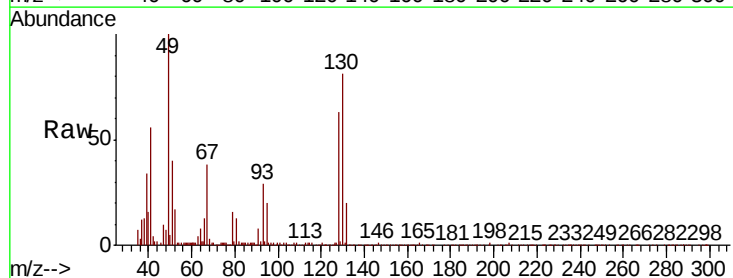
Tot Ion: 96 Resp: 149719
Ion Ratio Lower Upper
96 100
61 139.7 0.0 286.4
98 64.6 0.0 127.4

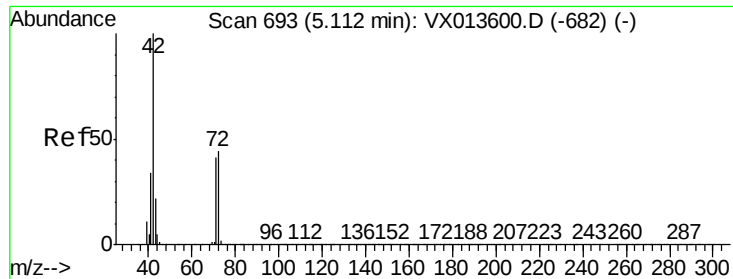


#28

Bromochloromethane
Concen: 19.298 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 49 Resp: 95236
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.0
130 84.0 65.4 98.0

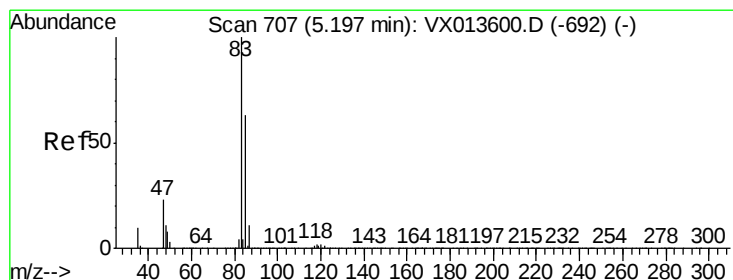
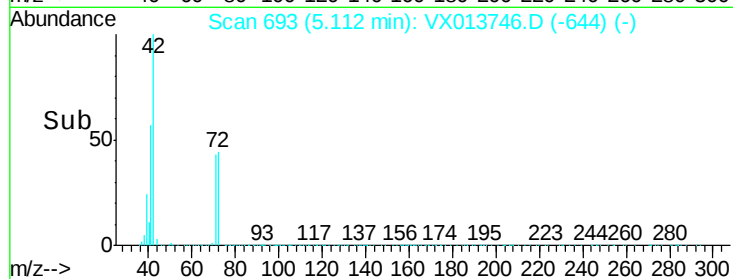
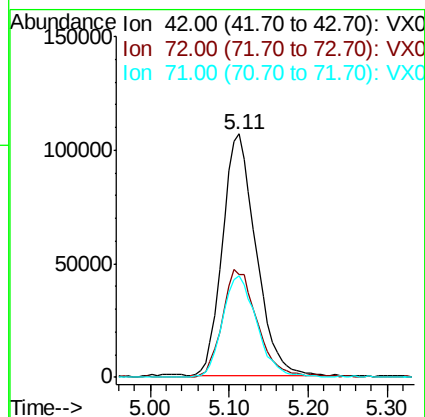
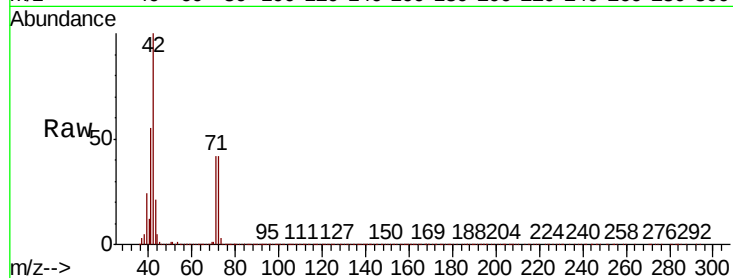




#29
Tetrahydrofuran
Concen: 87.581 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

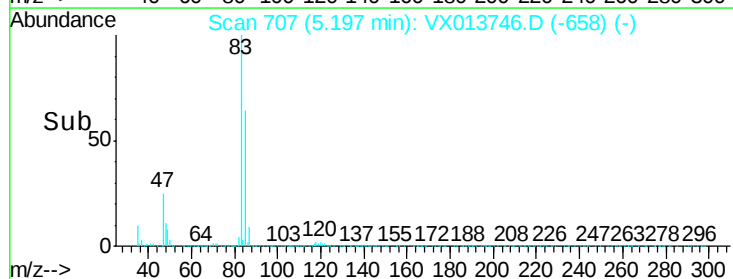
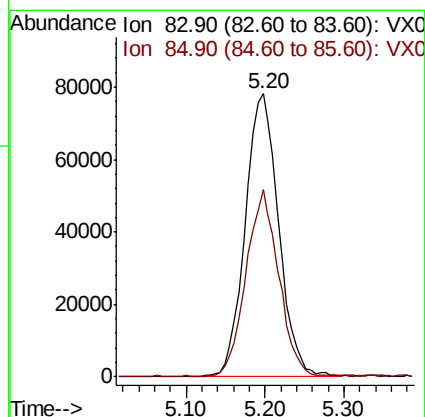
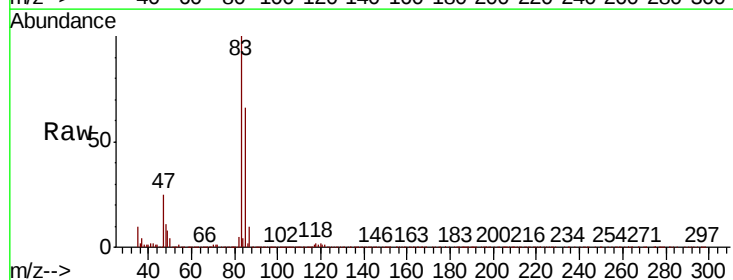
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

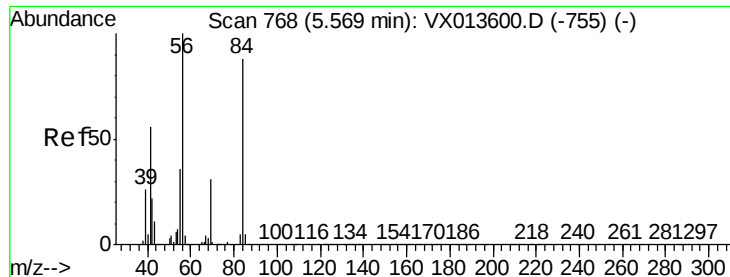
Tot Ion: 42 Resp: 315770
Ion Ratio Lower Upper
42 100
72 45.2 36.3 54.5
71 42.5 33.2 49.8



#30
Chloroform
Concen: 18.123 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 83 Resp: 229444
Ion Ratio Lower Upper
83 100
85 66.1 50.2 75.4

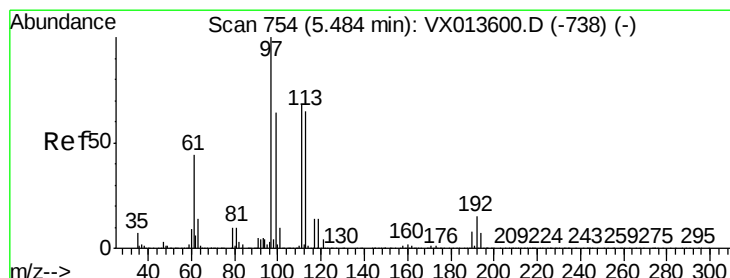
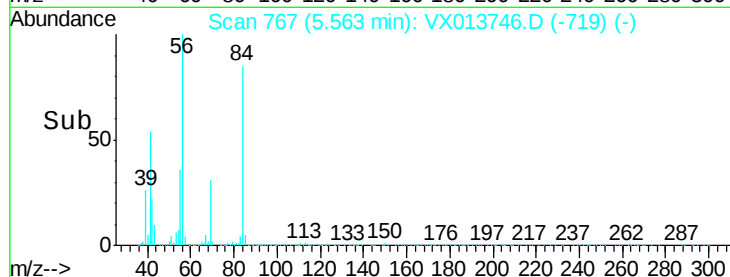
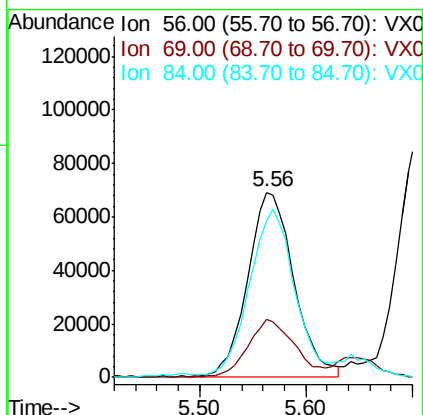
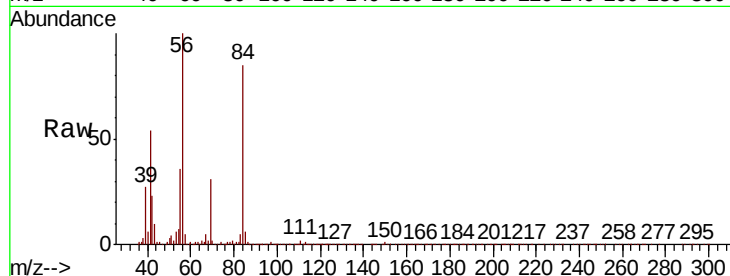




#31
Cyclohexane
Concen: 17.650 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

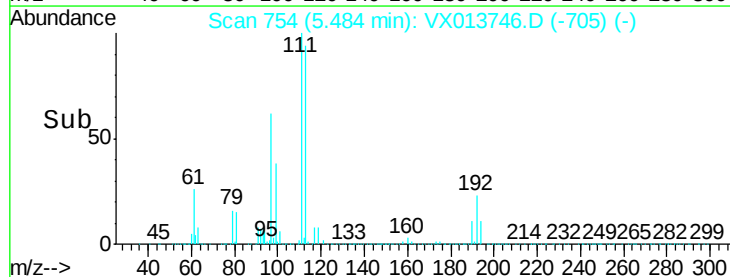
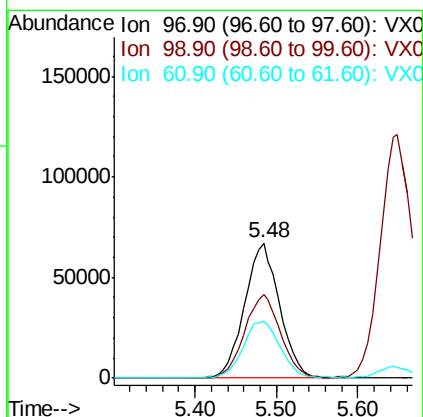
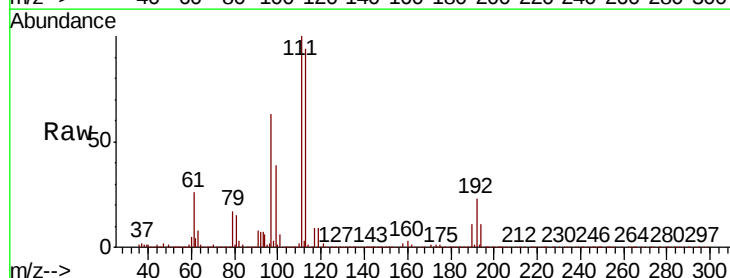
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

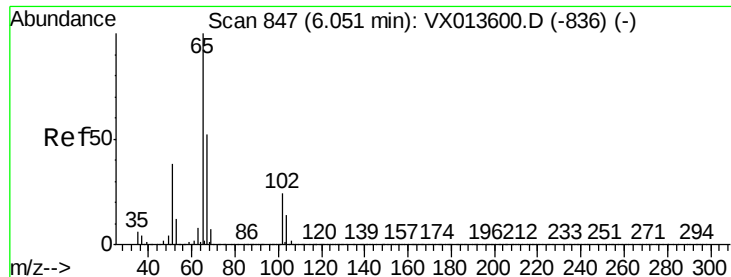
Tot Ion: 56 Resp: 207820
Ion Ratio Lower Upper
56 100
69 30.8 24.6 36.8
84 83.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.707 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 97 Resp: 197912
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 45.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 44.181 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

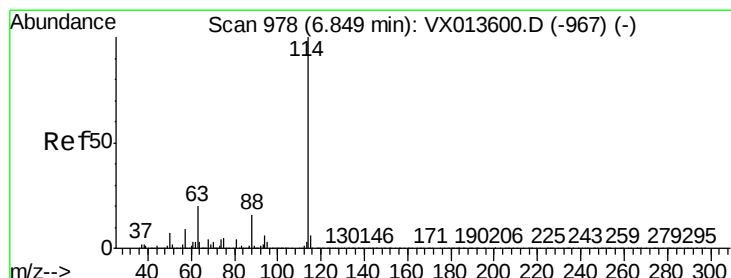
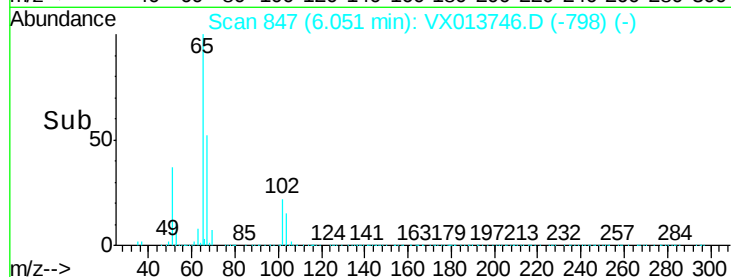
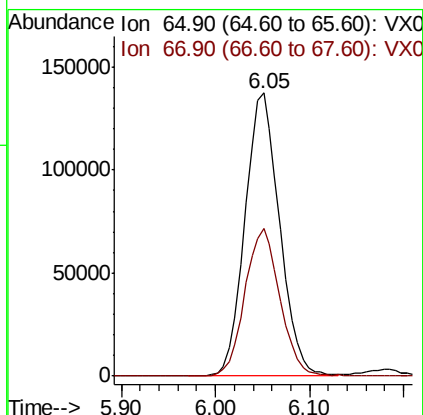
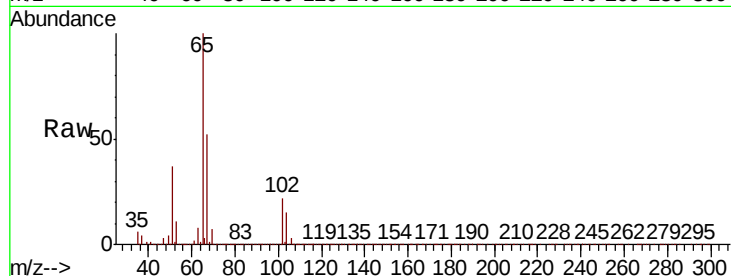
VX1204WBS01

Tot Ion: 65 Resp: 352161

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

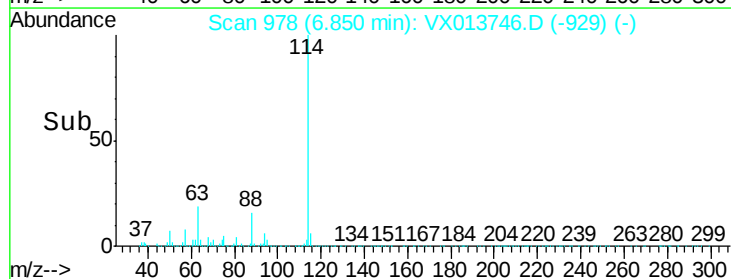
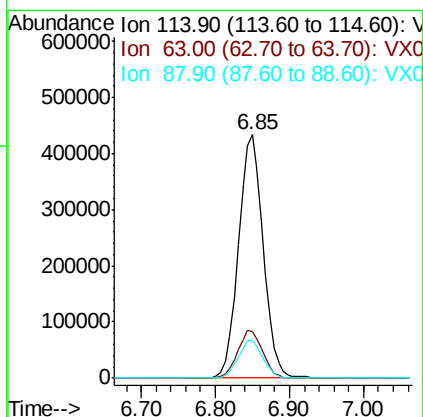
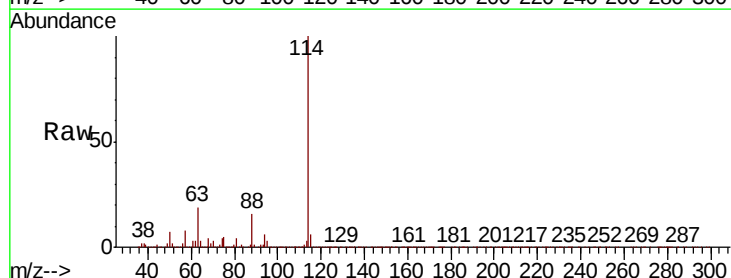
Tgt Ion: 114 Resp: 1008677

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.5 0.0 31.4

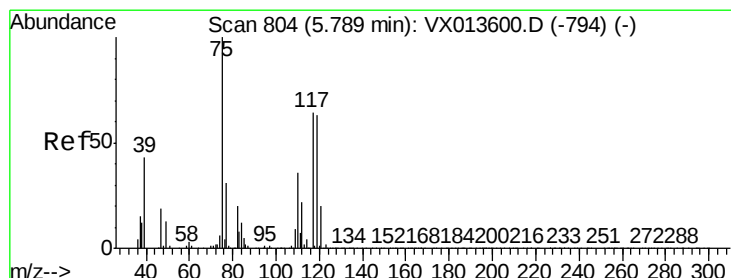
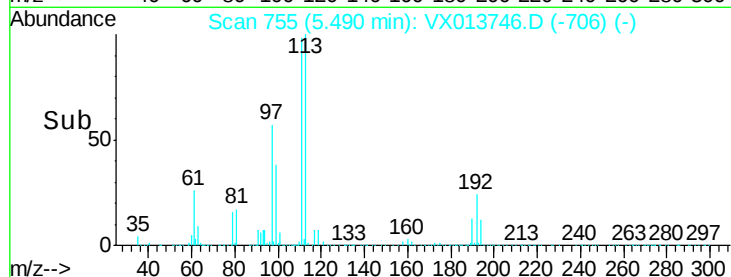
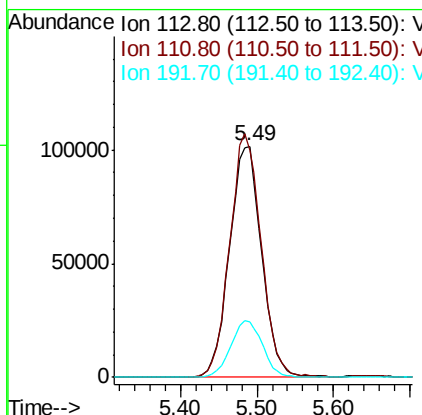
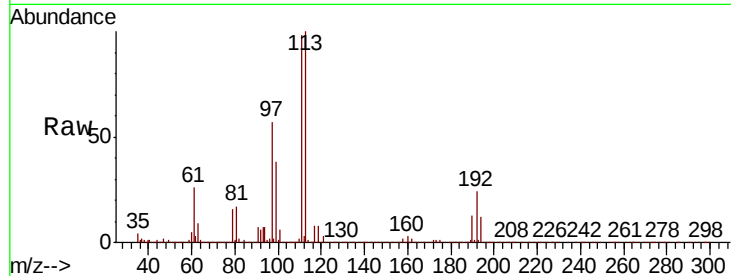




#35
 Dibromofluoromethane
 Concen: 47.474 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

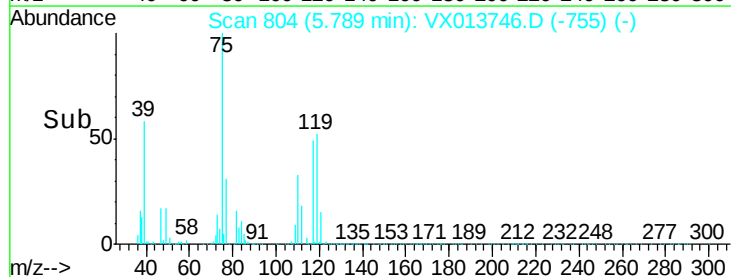
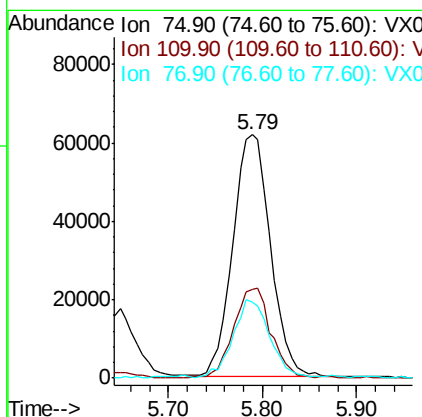
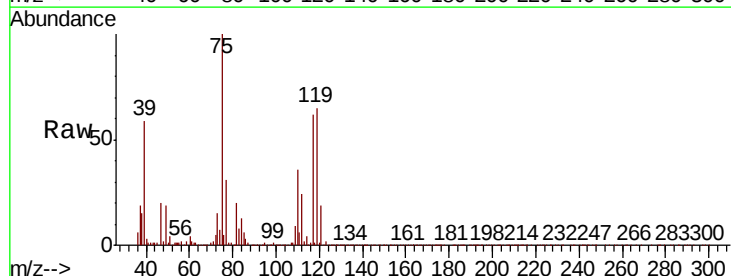
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

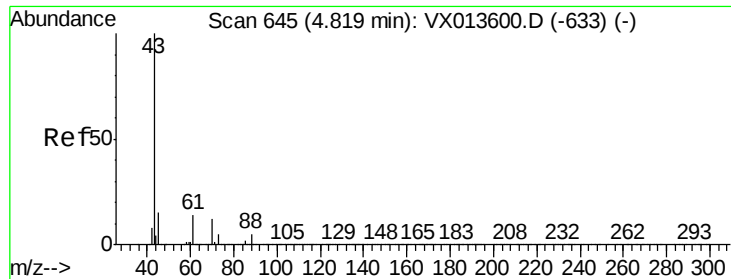
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.6	125.4
192	24.1	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 18.858 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.1	54.1
77	30.9	24.5	36.7

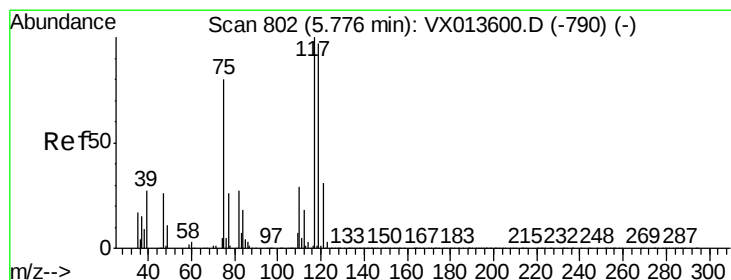
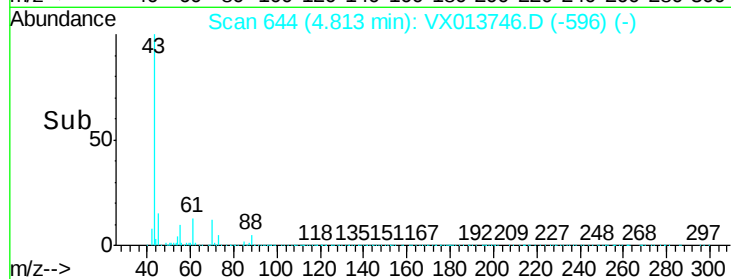
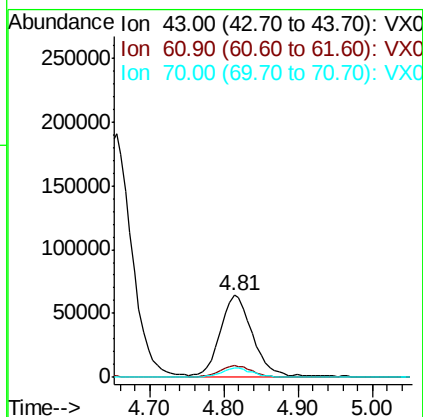
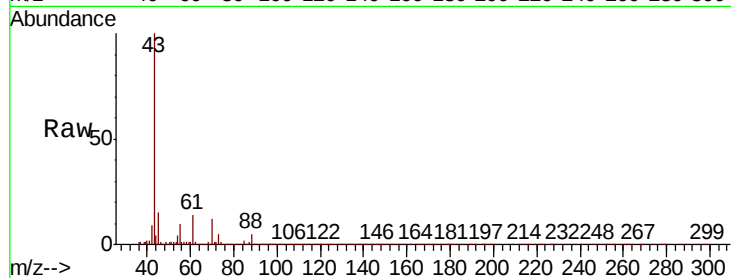




#37
Ethyl Acetate
Concen: 18.645 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

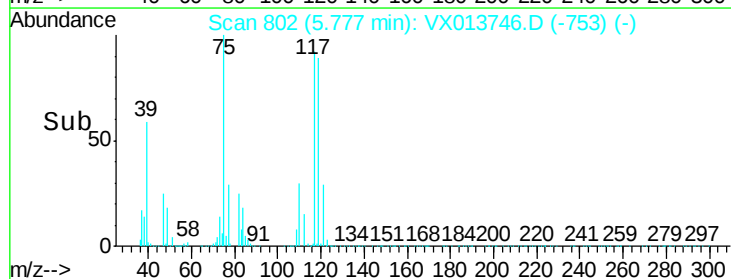
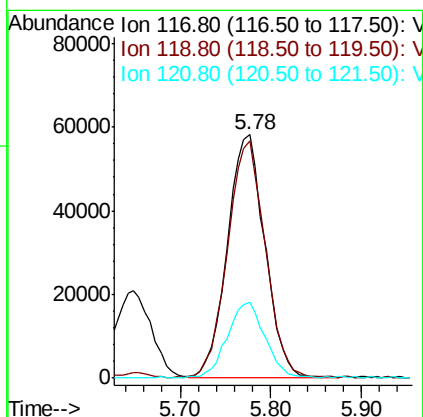
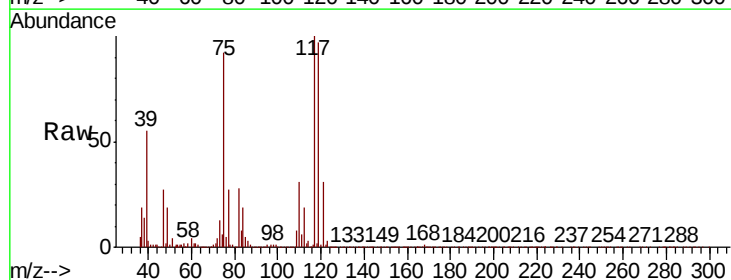
Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

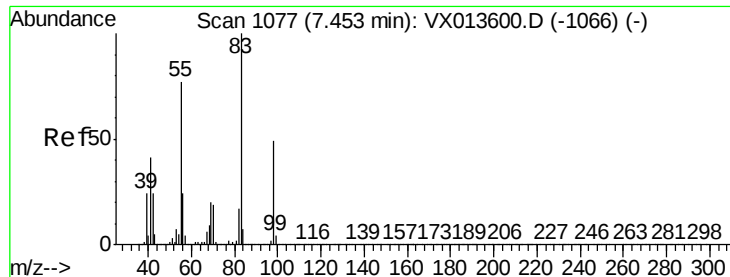
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	11.2	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.676 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.5	116.3
121	30.6	25.0	37.6

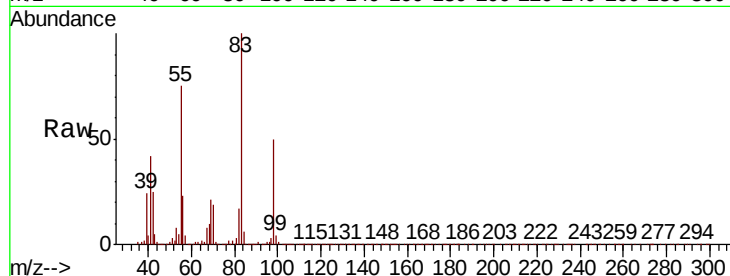




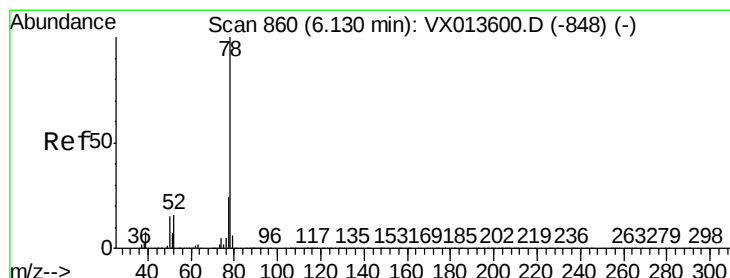
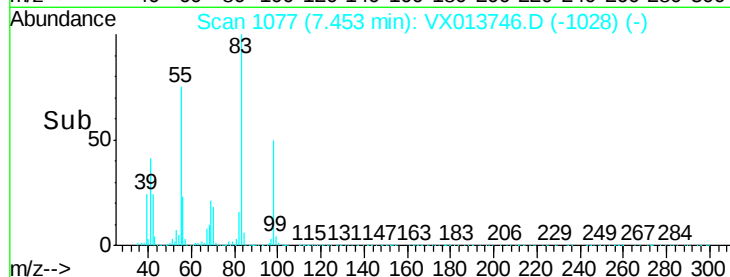
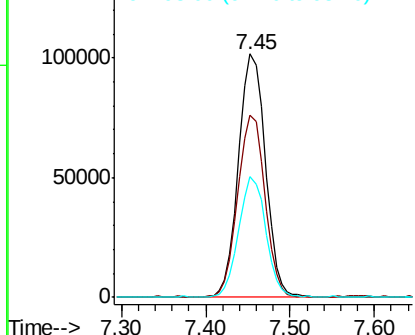
#39
Methvlcvclohexane
Concen: 19.344 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.9	92.9
98	49.7	39.4	59.0

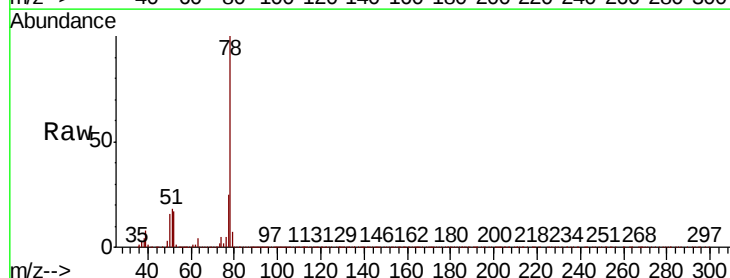


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

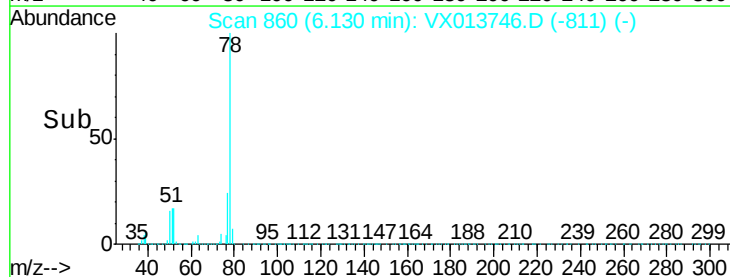
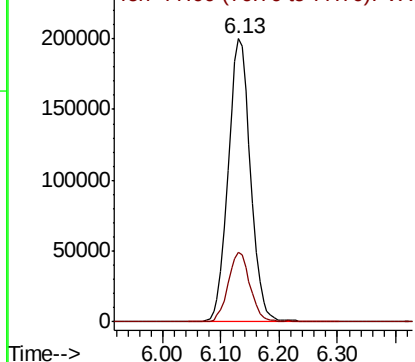


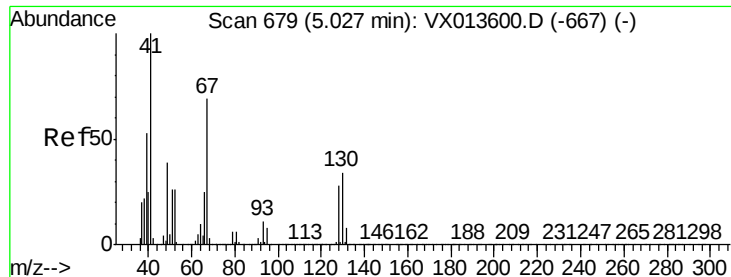
#40
Benzene
Concen: 19.037 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4



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





#41

Methacrylonitrile

Concen: 19.842 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 41 Resp: 111778

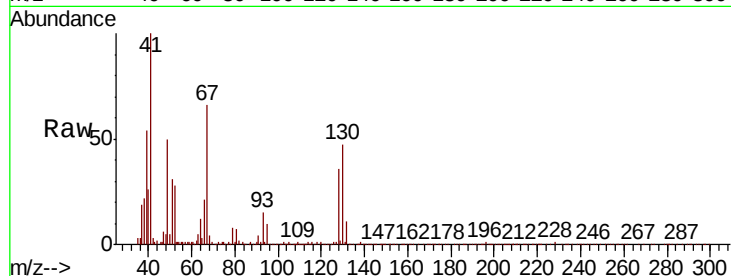
Ion Ratio Lower Upper

41 100

39 53.3 42.9 64.3

67 67.9 57.4 86.0

52 27.7 22.4 33.6

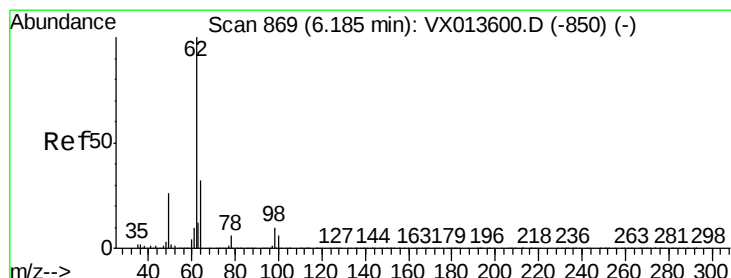
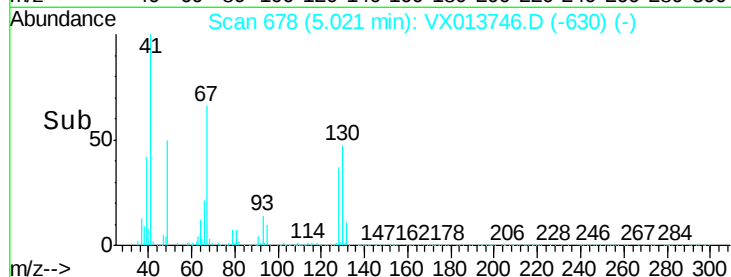
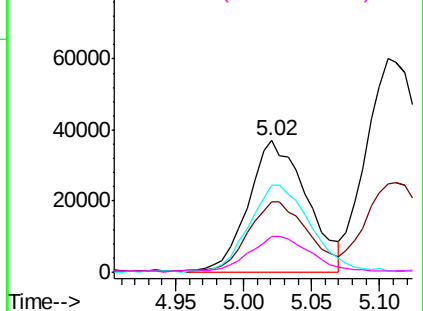


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.253 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013746.D

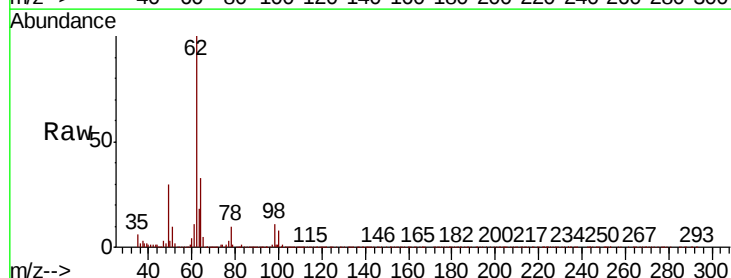
Acq: 04 Dec 2019 13:57

Tgt Ion: 62 Resp: 183103

Ion Ratio Lower Upper

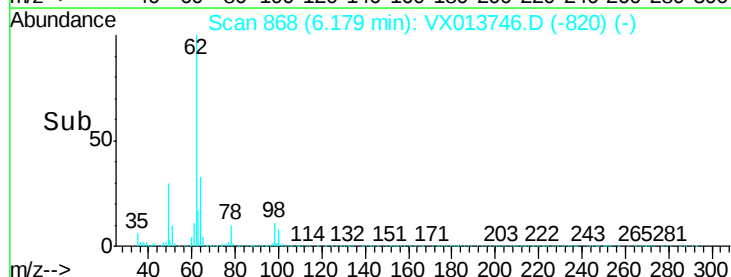
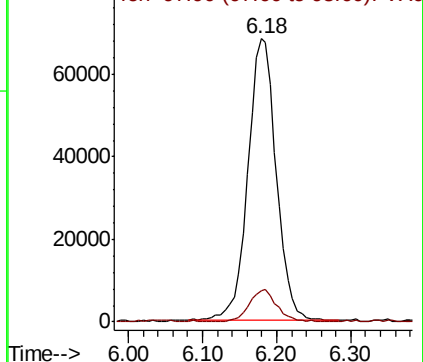
62 100

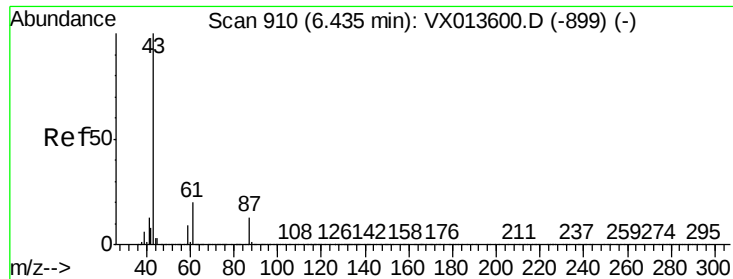
98 10.7 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



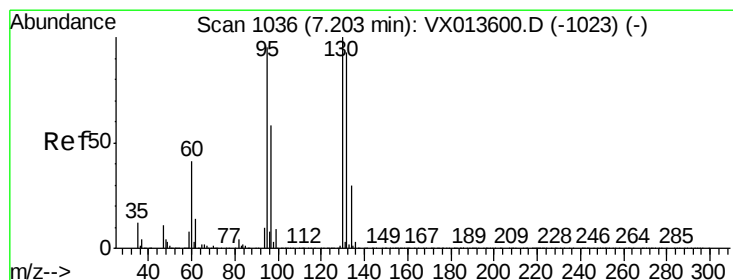
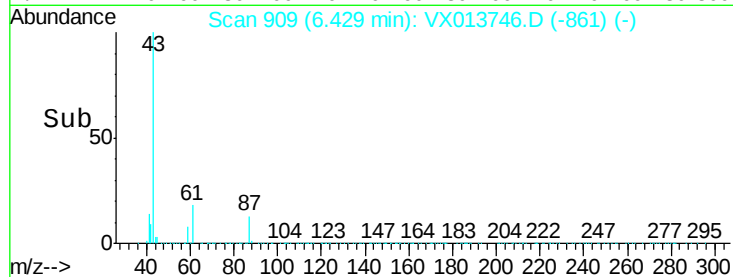
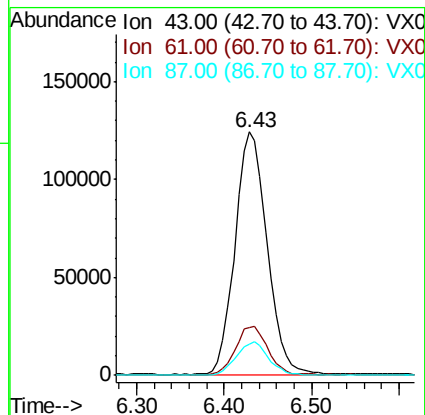
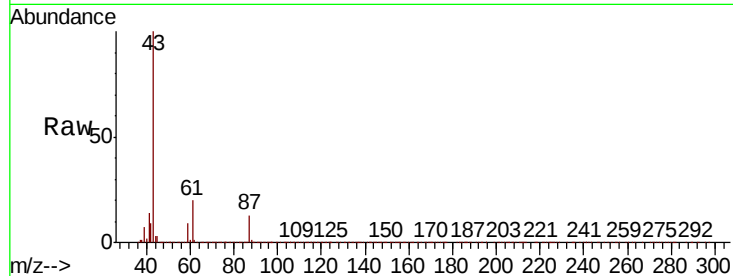


#43

Isopropyl Acetate
 Concen: 18.719 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

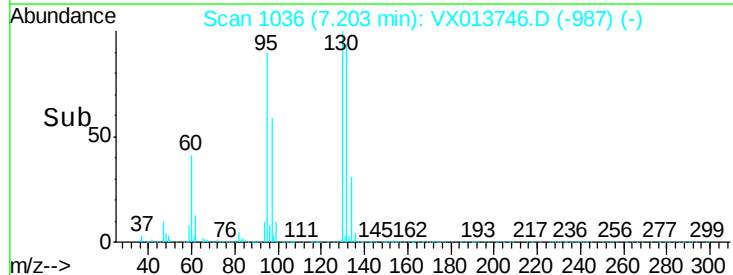
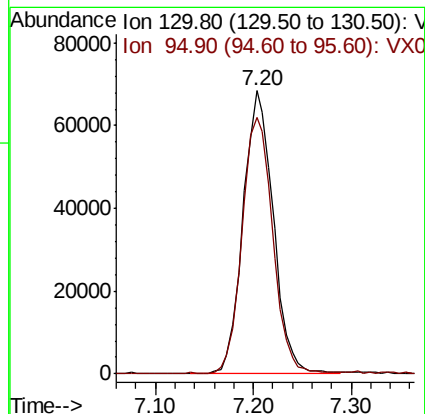
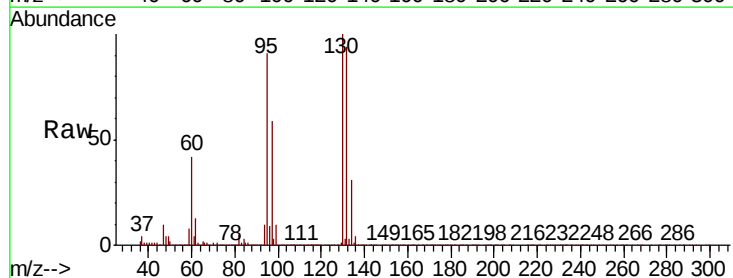
Tot Ion	43	Resp	316549
Ion Ratio	Lower	Upper	
43	100		
61	20.1	16.3	24.5
87	13.5	10.8	16.2



#44

Trichloroethene
 Concen: 19.206 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	130	Resp	146990
Ion Ratio	Lower	Upper	
130	100		
95	90.4	0.0	190.8

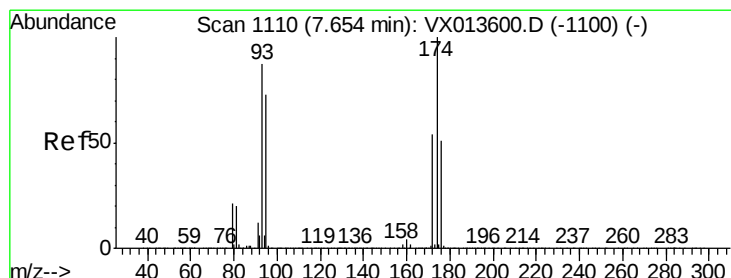
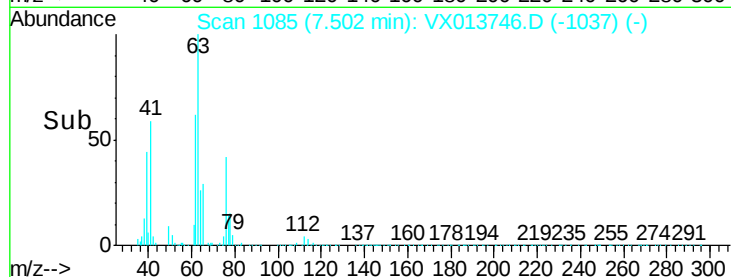
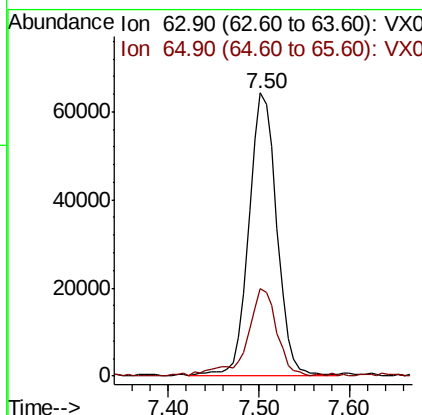
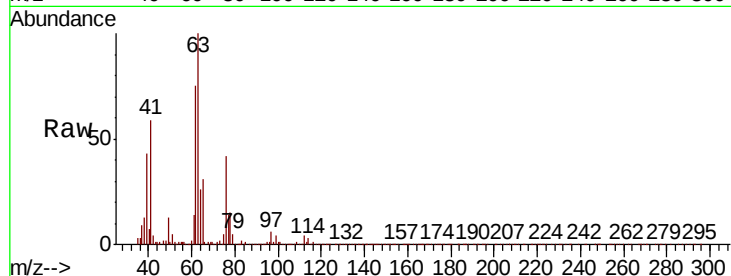




#45
 1,2-Dichloropropane
 Concen: 19.443 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

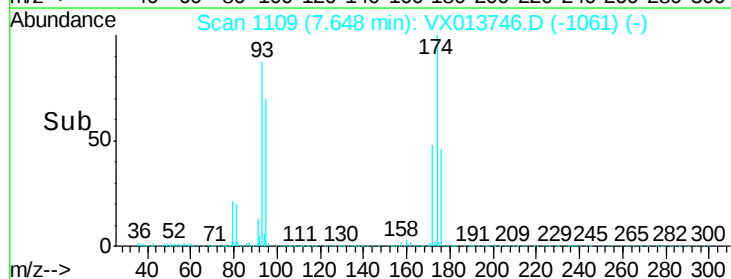
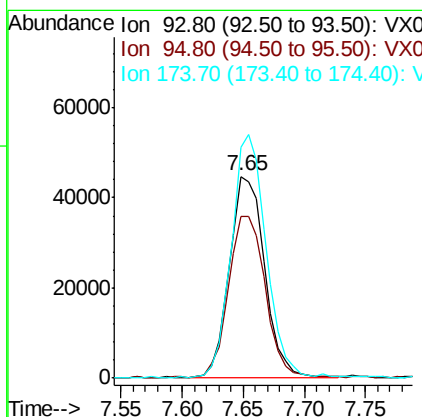
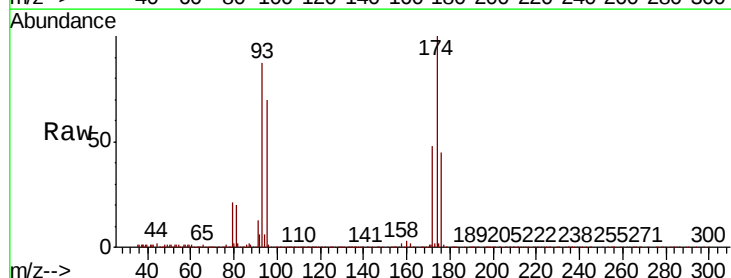
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion: 63 Resp: 135661
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.5 38.3



#46
 Dibromomethane
 Concen: 18.984 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion: 93 Resp: 89959
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.2 99.2
 174 118.5 93.4 140.0





#47

Bromodichloromethane

Concen: 19.929 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

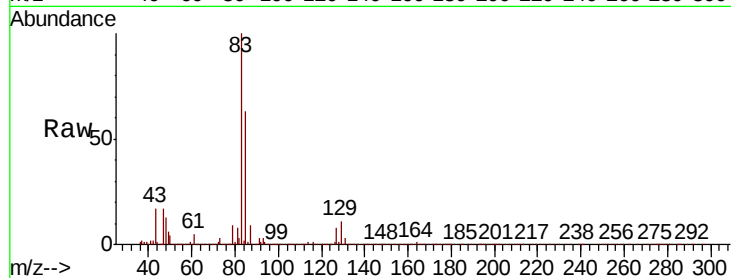
Tot Ion: 83 Resp: 178530

Ion Ratio Lower Upper

83 100

85 63.1 52.1 78.1

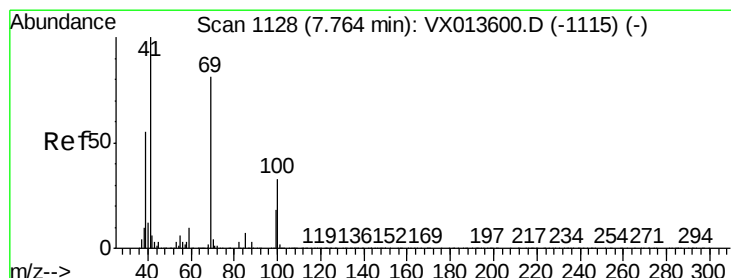
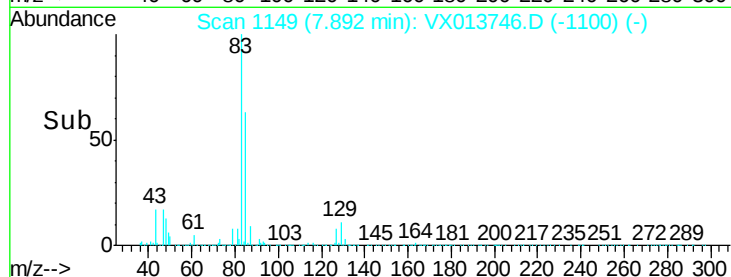
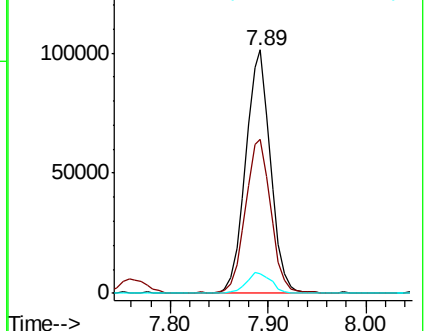
127 7.7 7.0 10.4



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: 19.143 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

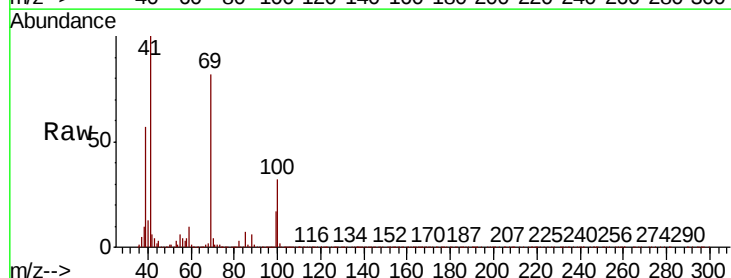
Tgt Ion: 41 Resp: 157287

Ion Ratio Lower Upper

41 100

69 81.4 64.7 97.1

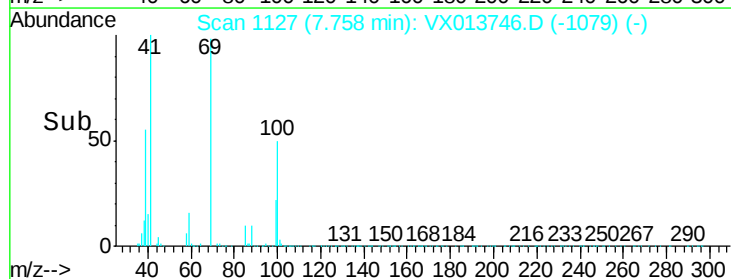
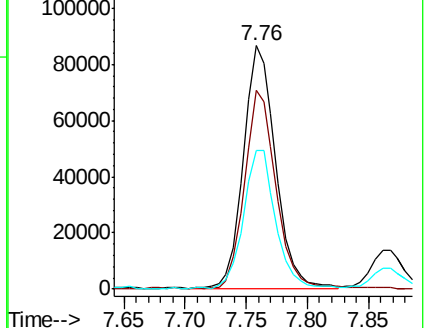
39 56.9 43.8 65.6

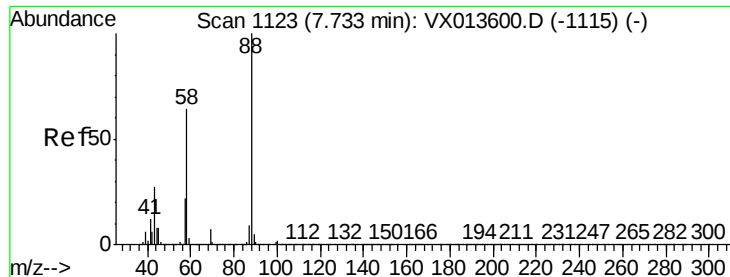


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 345.555 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

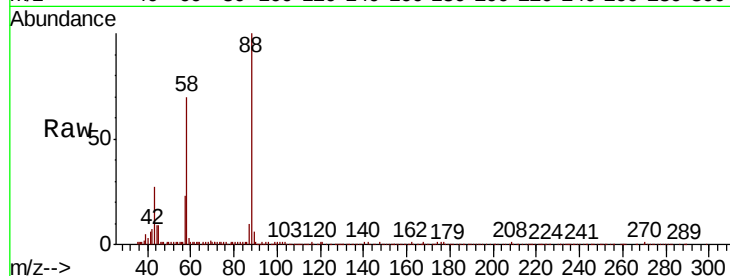
Tot Ion: 88 Resp: 63554

Ion Ratio Lower Upper

88 100

43 31.6 25.8 38.6

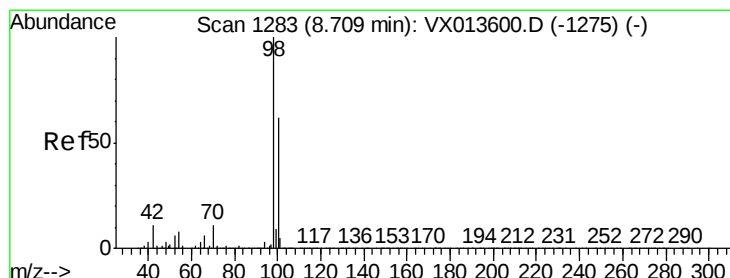
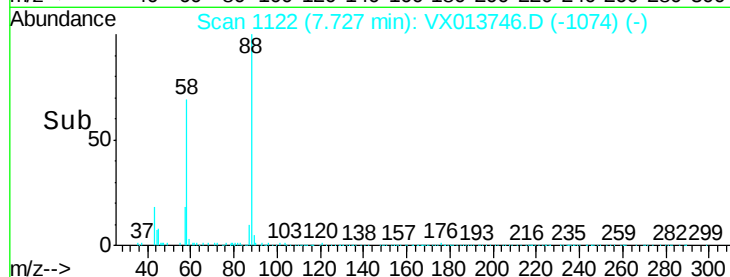
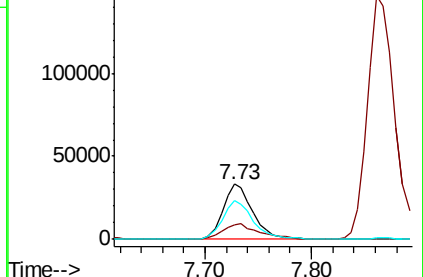
58 71.9 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.471 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013746.D

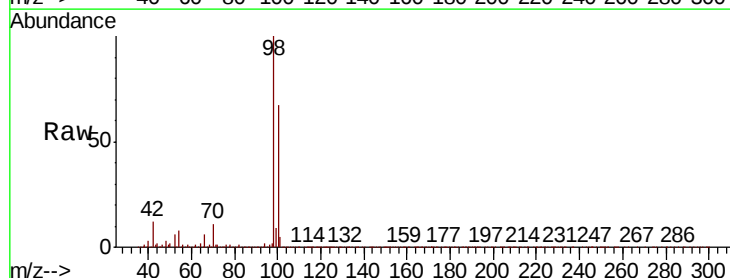
Acq: 04 Dec 2019 13:57

Tgt Ion: 98 Resp: 1129018

Ion Ratio Lower Upper

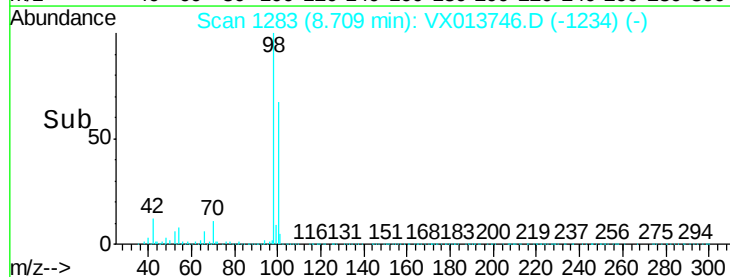
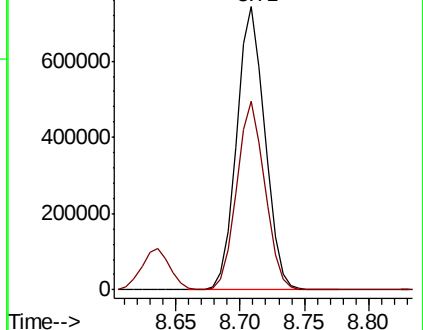
98 100

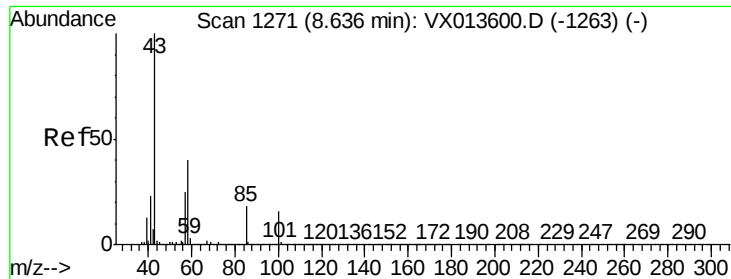
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 93.674 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

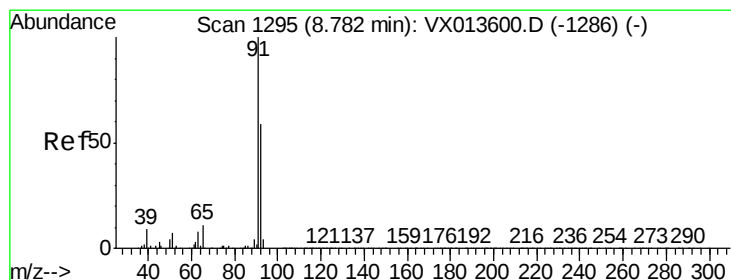
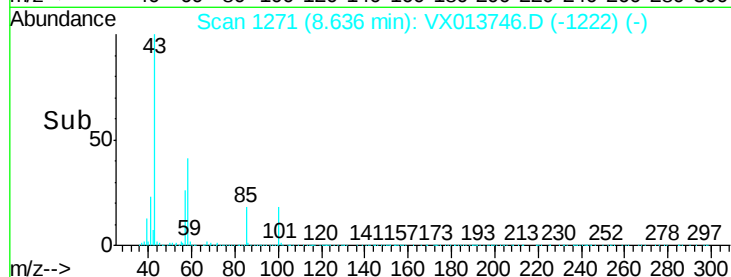
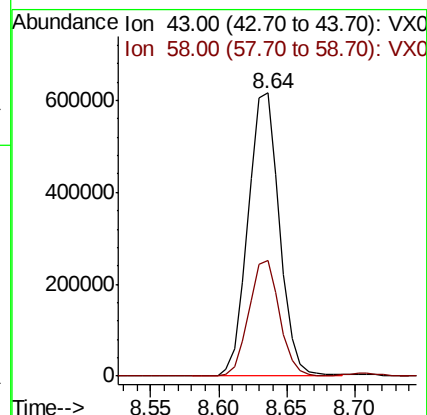
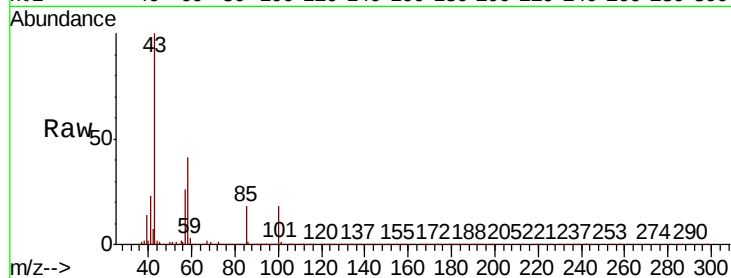
VX1204WBS01

Tot Ion: 43 Resp: 996438

Ion Ratio Lower Upper

43 100

58 39.8 32.1 48.1



#52

Toluene

Concen: 19.407 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013746.D

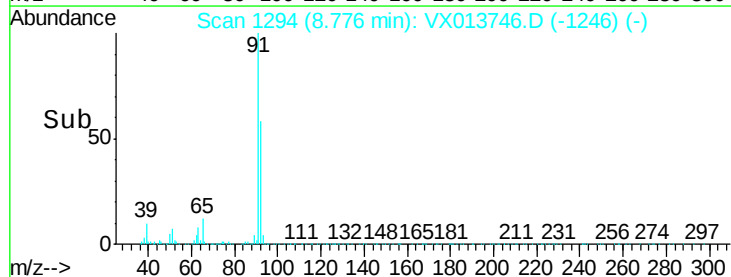
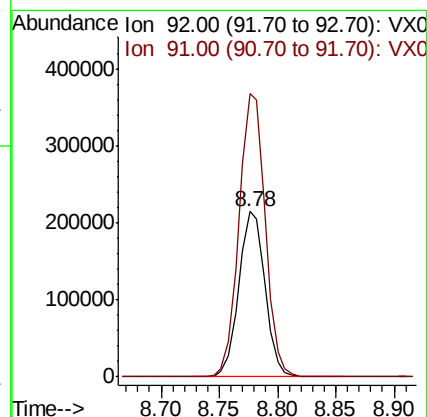
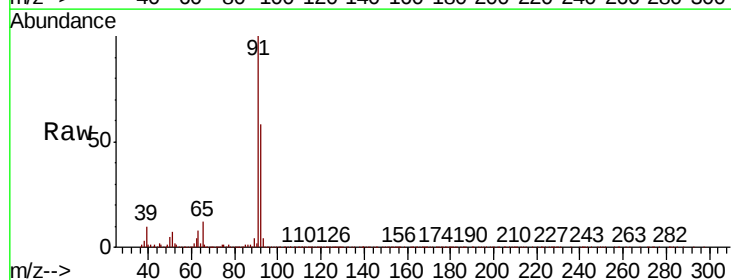
Acq: 04 Dec 2019 13:57

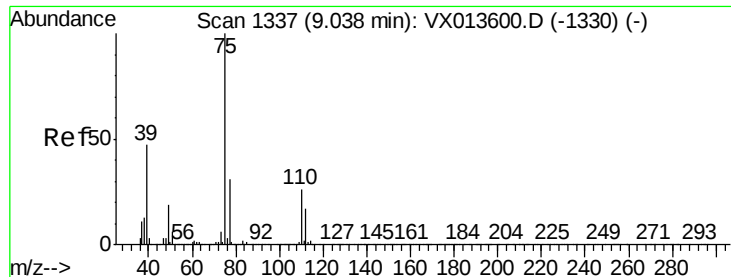
Tgt Ion: 92 Resp: 336214

Ion Ratio Lower Upper

92 100

91 172.4 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 18.631 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

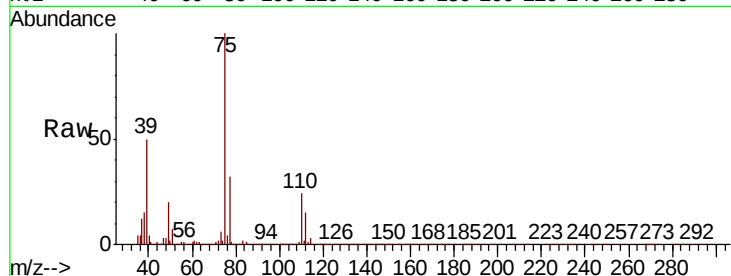
VX1204WBS01

Tot Ion: 75 Resp: 189982

Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

150000

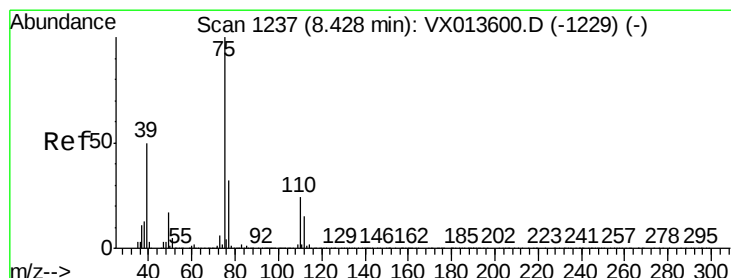
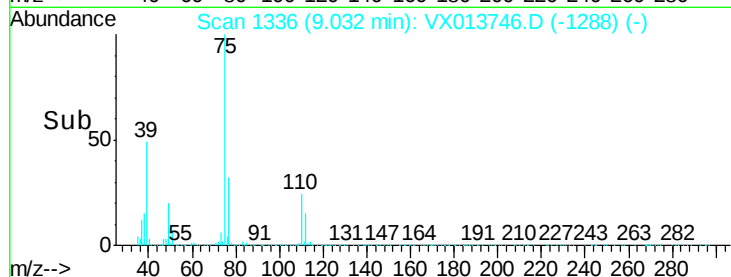
100000

50000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 19.462 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

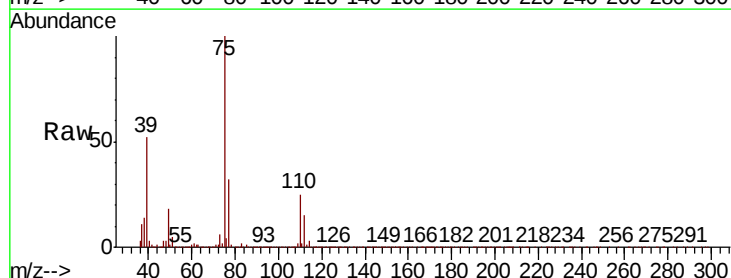
Tgt Ion: 75 Resp: 216811

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 51.7 39.9 59.9



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

8.43

150000

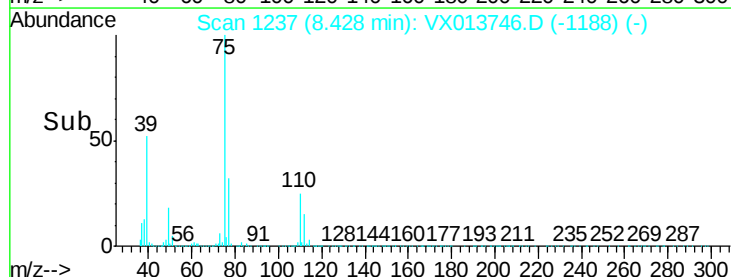
100000

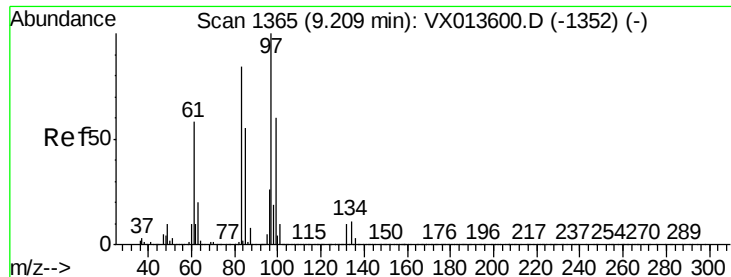
50000

0

Time-->

8.30 8.40 8.50

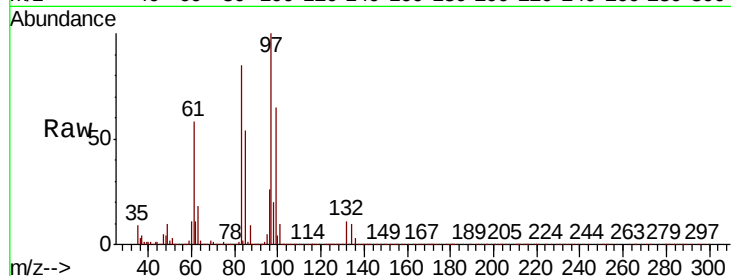




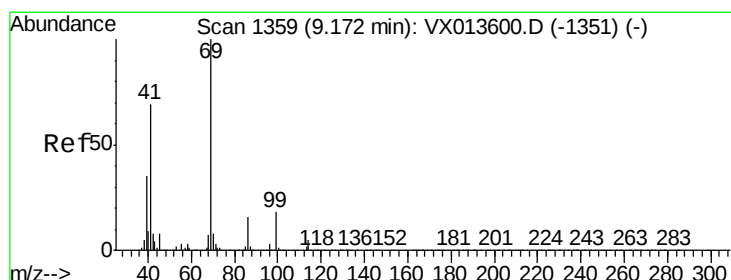
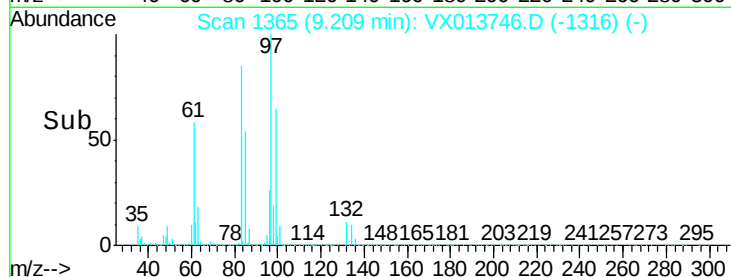
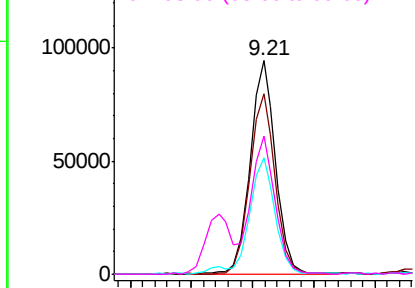
#55
 1,1,2-Trichloroethane
 Concen: 19.381 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion:	97	Resp:	135306
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.3	100.9
85	54.3	43.6	65.4
99	64.4	48.2	72.4

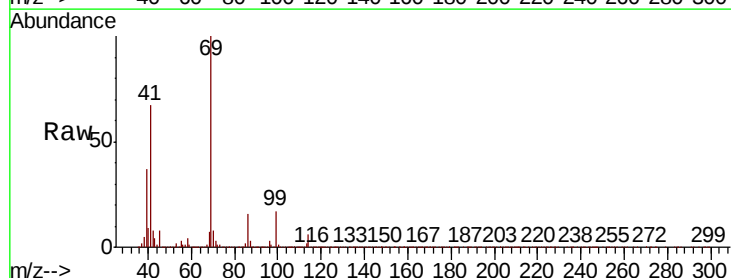


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

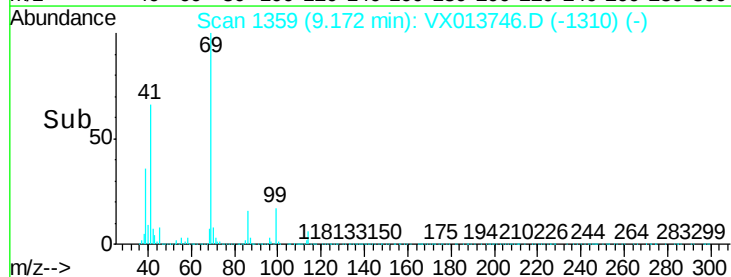
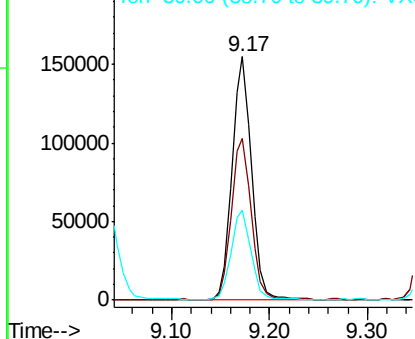


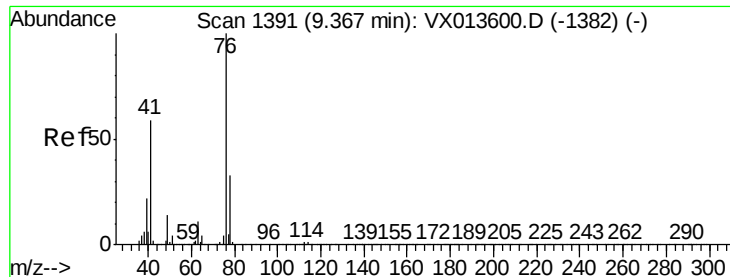
#56
 Ethyl methacrylate
 Concen: 19.081 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion:	69	Resp:	214176
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.0	82.4
39	36.7	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.109 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

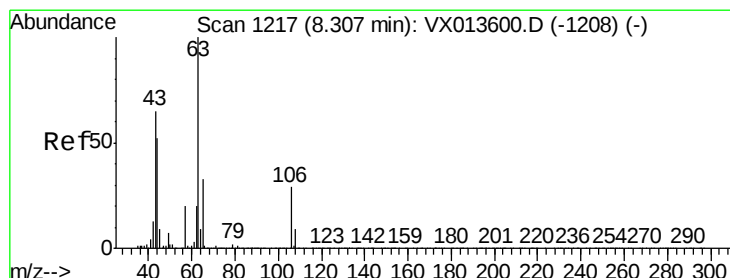
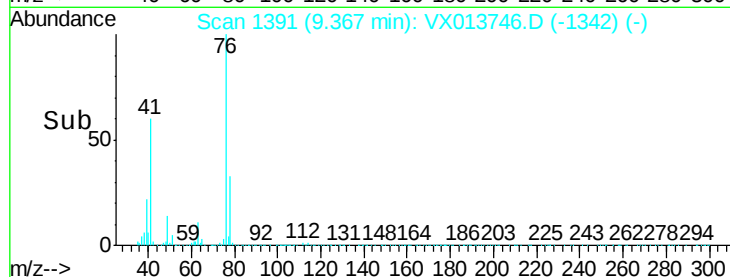
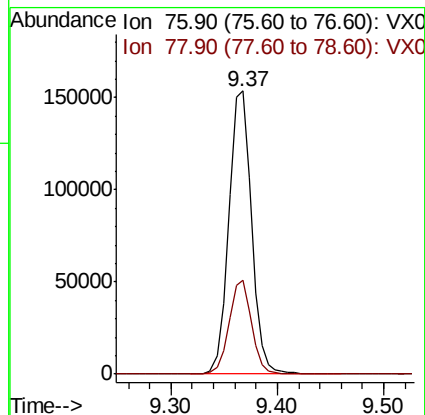
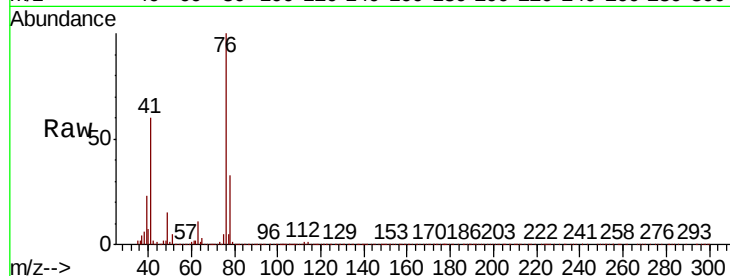
VX1204WBS01

Tot Ion: 76 Resp: 229956

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 88.732 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013746.D

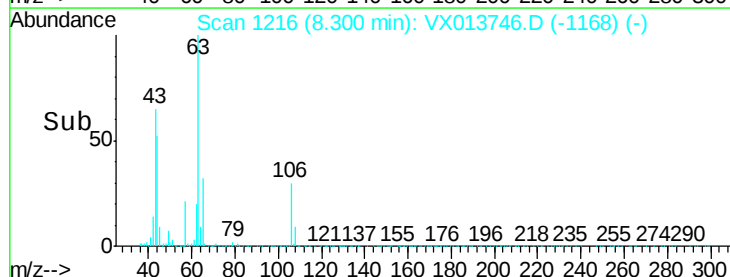
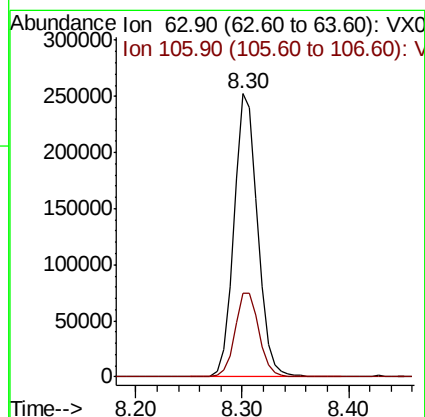
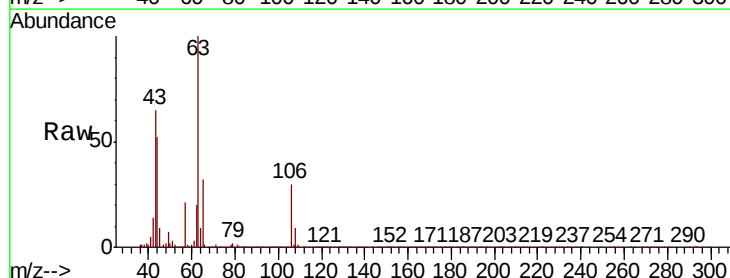
Acq: 04 Dec 2019 13:57

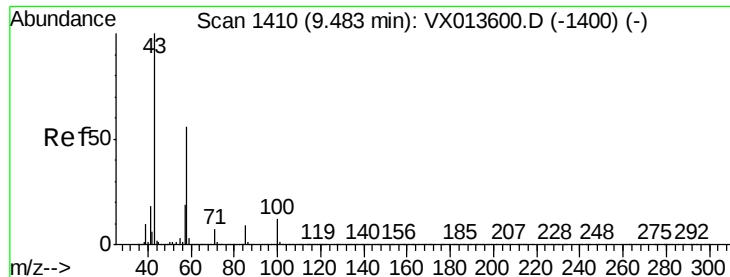
Tgt Ion: 63 Resp: 390490

Ion Ratio Lower Upper

63 100

106 30.2 23.4 35.0

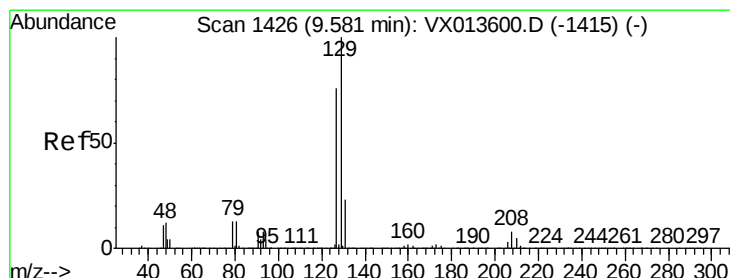
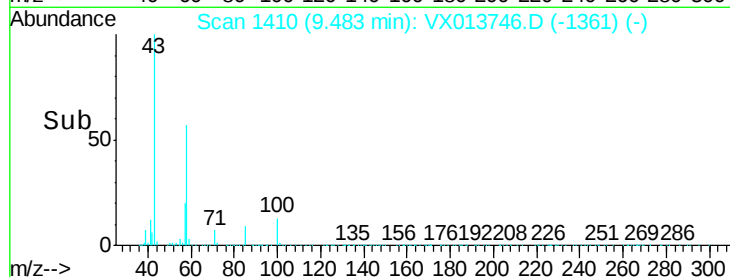
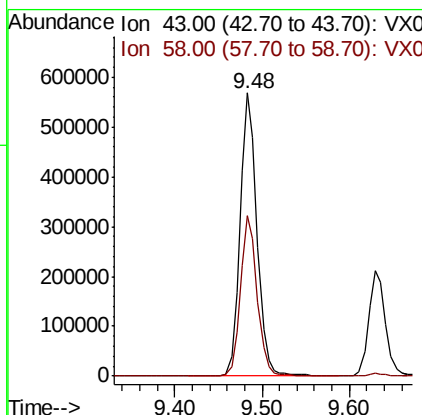
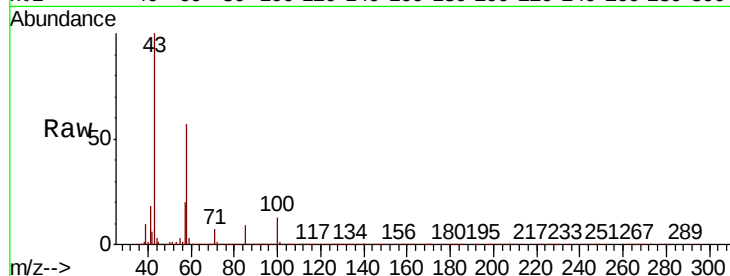




#59
2-Hexanone
Concen: 92.094 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

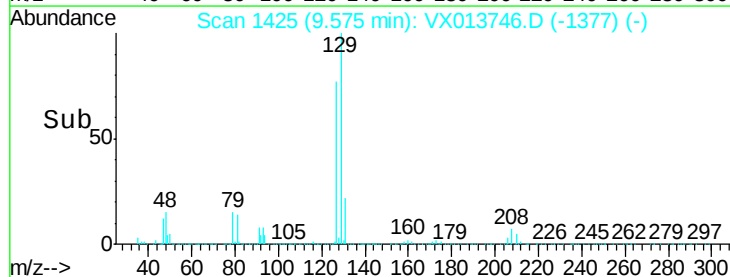
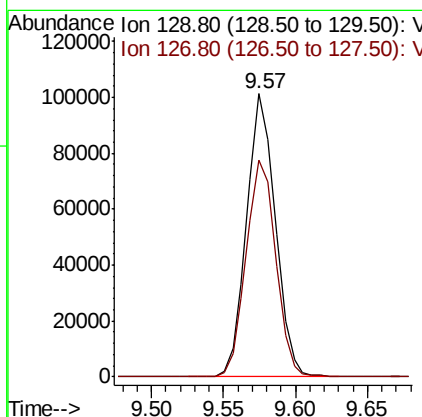
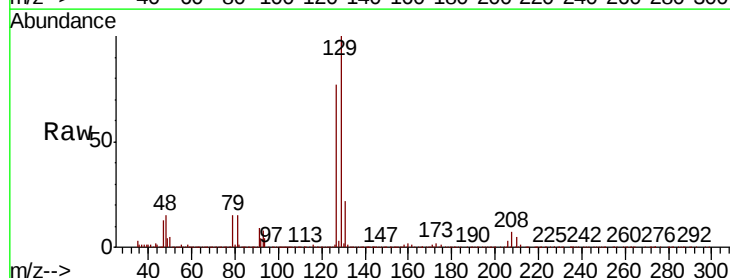
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion: 43 Resp: 764040
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.4



#60
Dibromochloromethane
Concen: 19.358 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 129 Resp: 140257
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.214 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

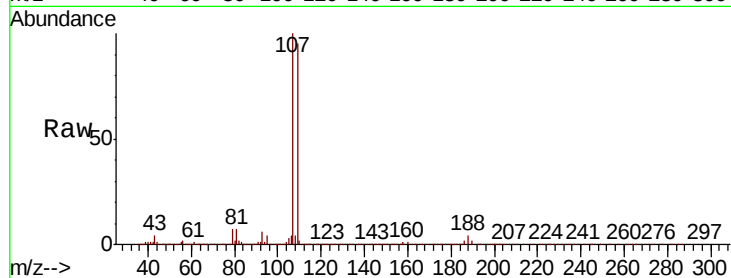
VX1204WBS01

Tot Ion: 107 Resp: 143268

Ion Ratio Lower Upper

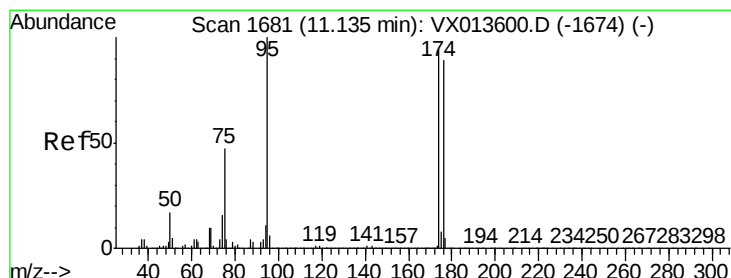
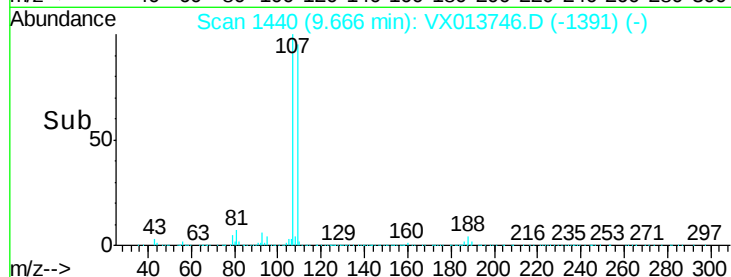
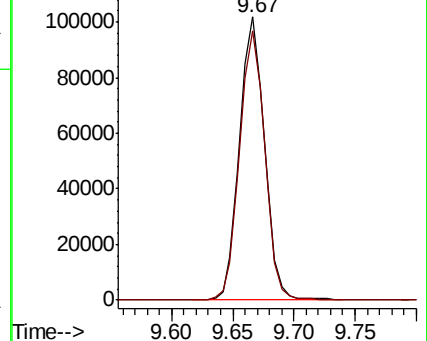
107 100

109 95.9 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.856 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

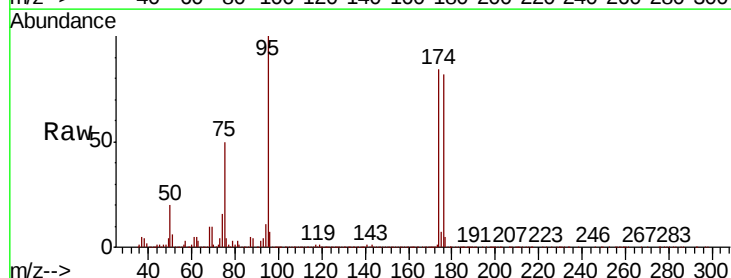
Tgt Ion: 95 Resp: 401743

Ion Ratio Lower Upper

95 100

174 92.3 0.0 180.0

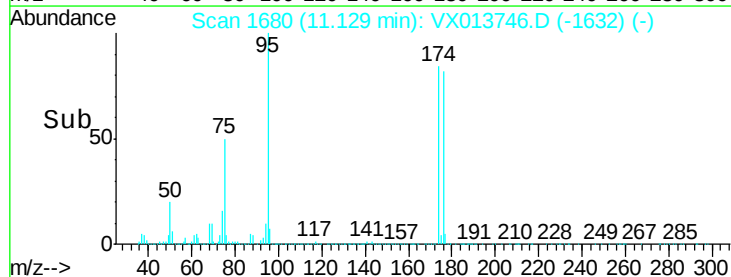
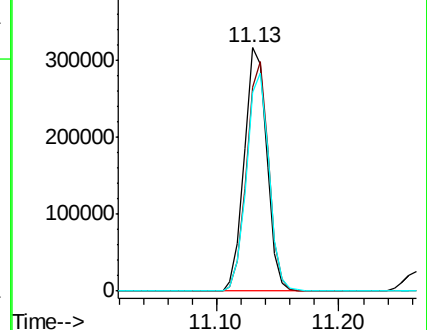
176 89.4 0.0 173.6

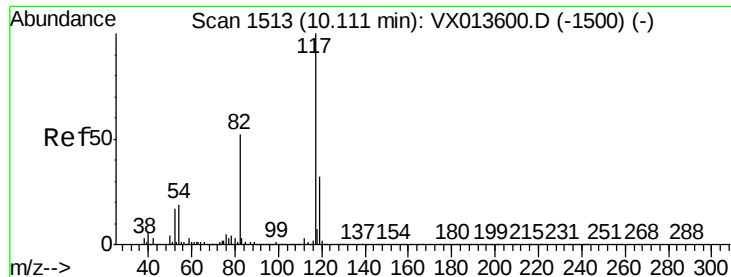


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

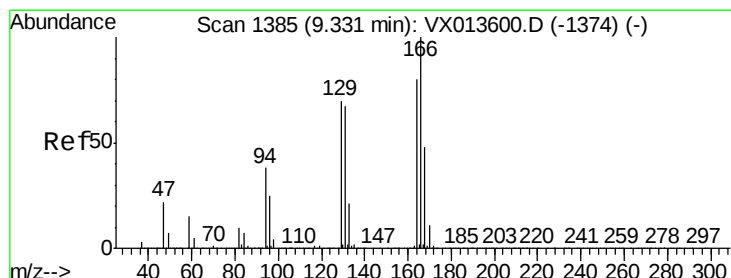
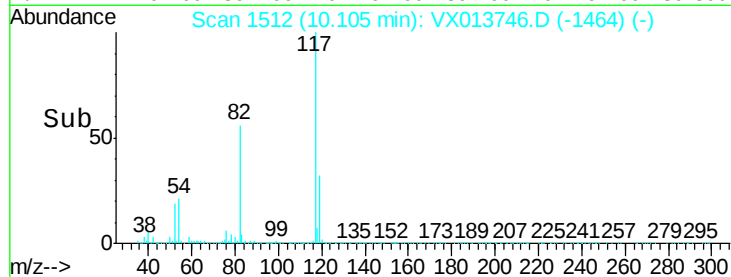
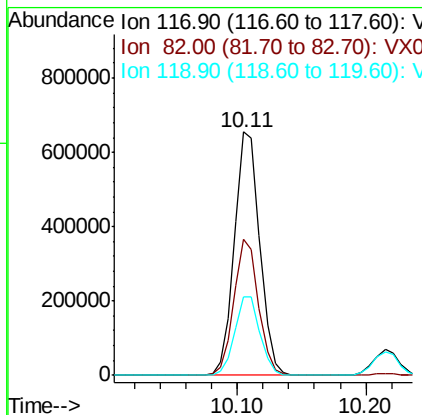
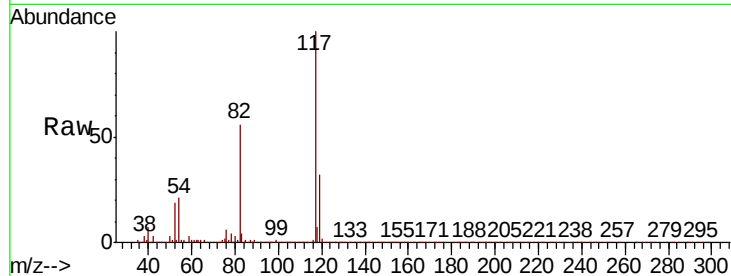




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

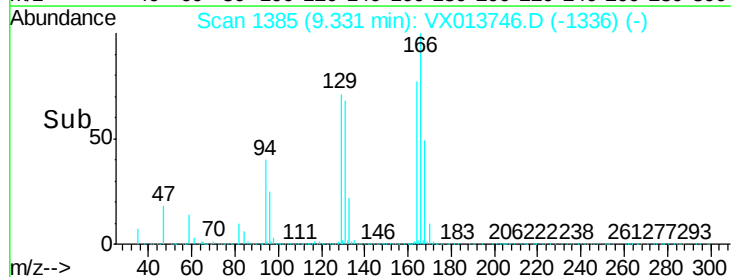
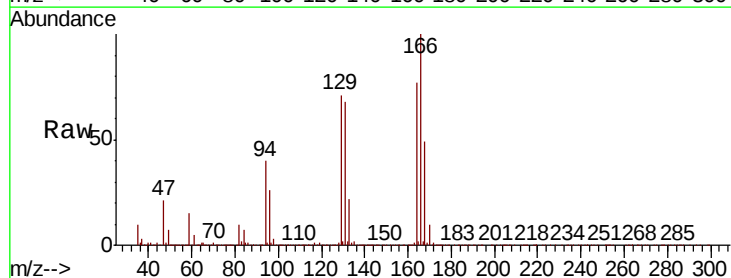
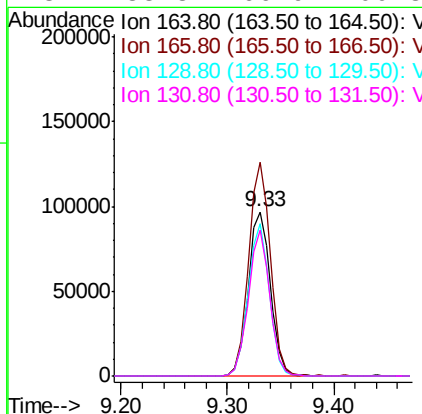
Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

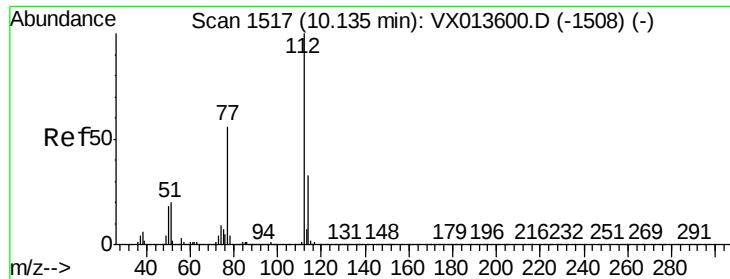
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	41.8	62.8
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 21.081 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.7	149.5
129	92.6	70.1	105.1
131	88.8	66.9	100.3





#65

Chlorobenzene

Concen: 19.440 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

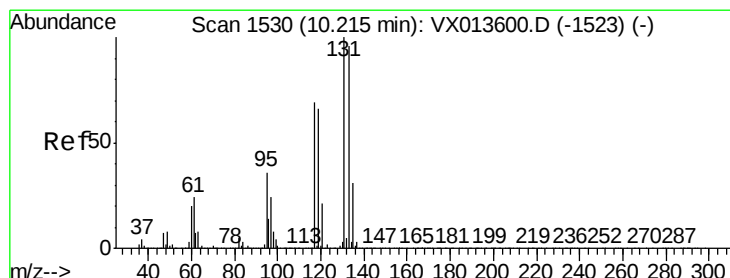
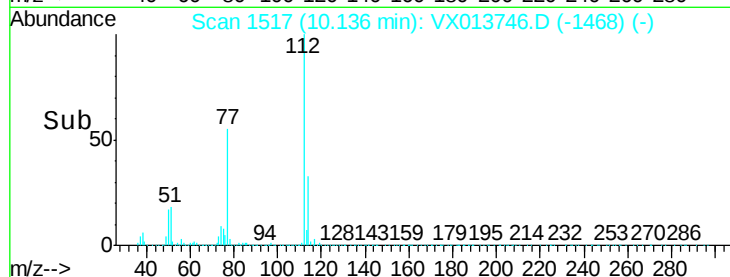
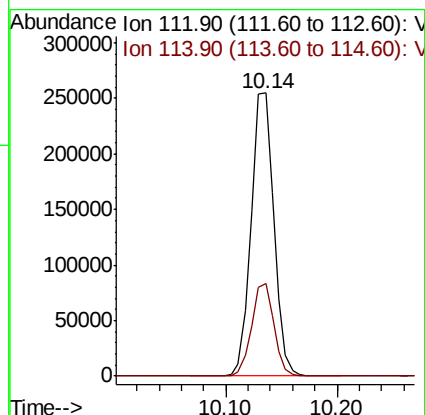
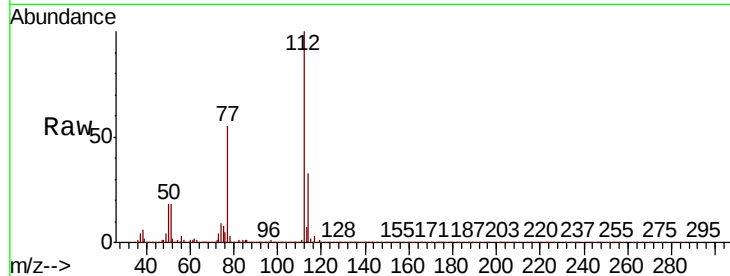
VX1204WBS01

Tot Ion:112 Resp: 363709

Ion Ratio Lower Upper

112 100

114 32.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.157 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

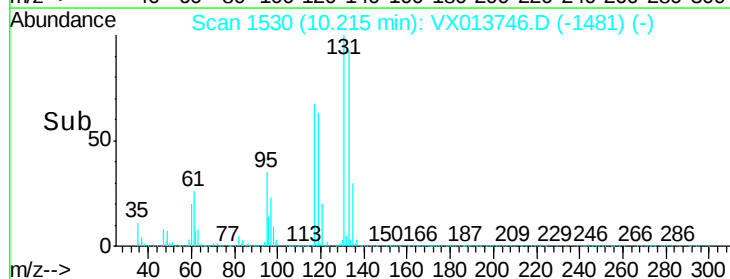
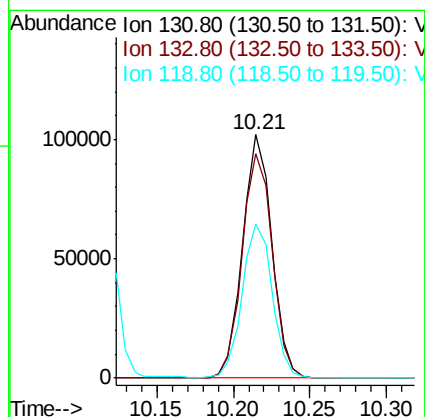
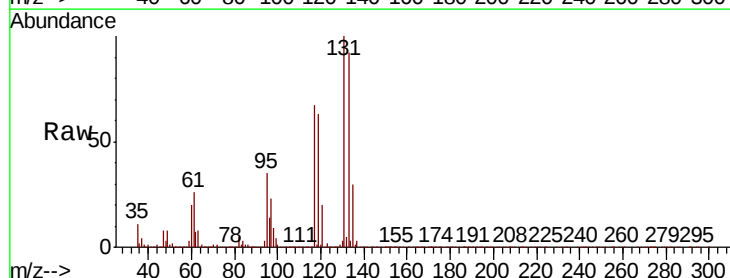
Tgt Ion:131 Resp: 135421

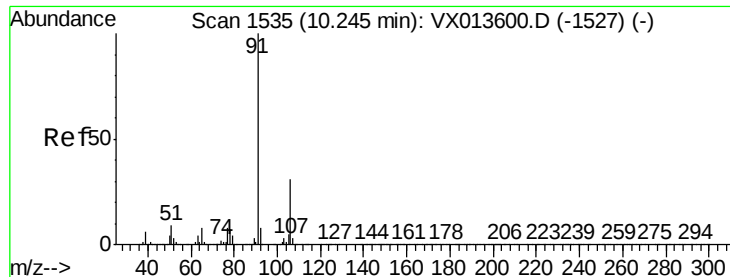
Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

119 65.0 32.9 98.6

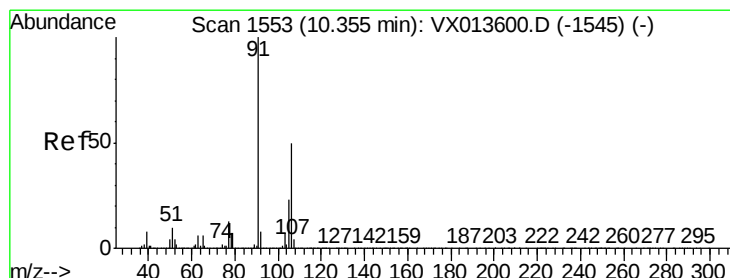
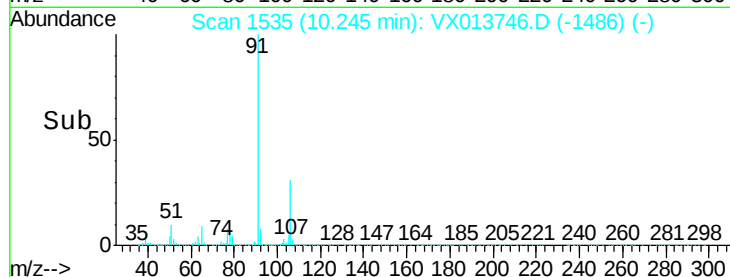
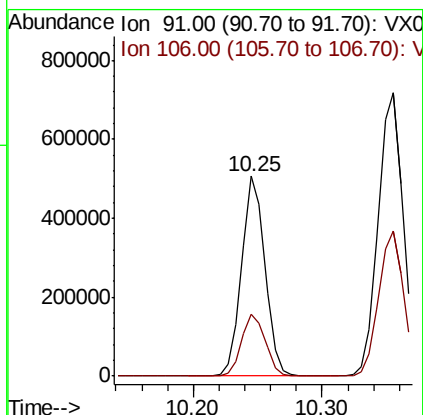
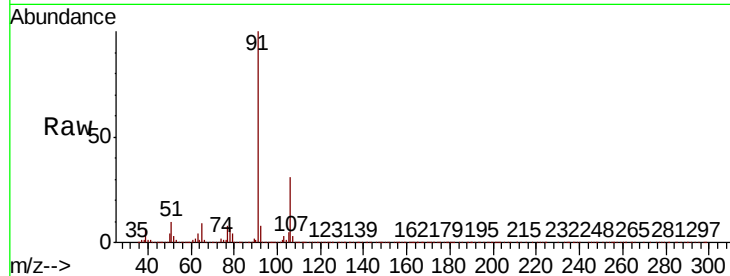




#67
Ethyl Benzene
Concen: 19.849 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

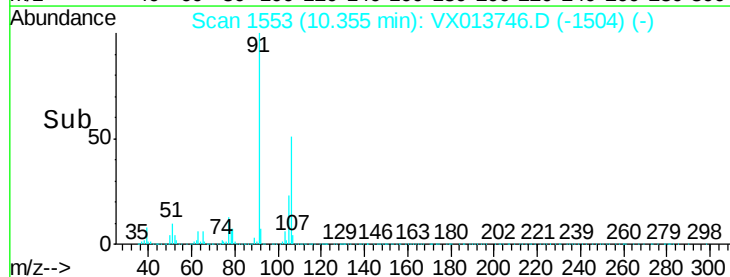
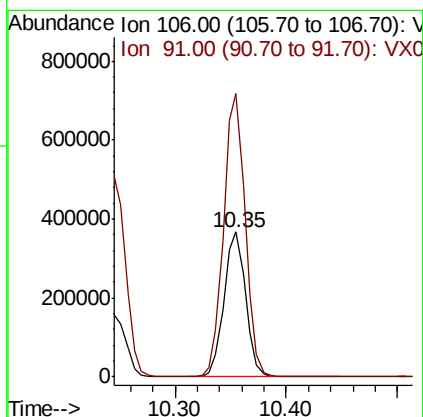
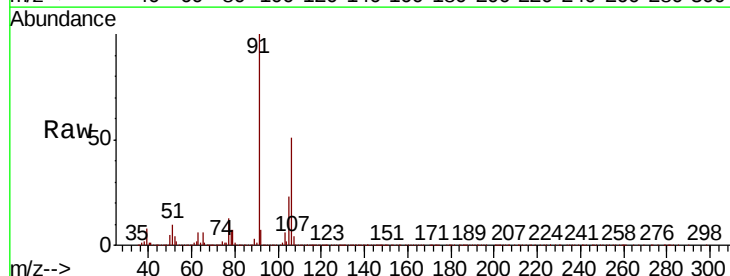
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

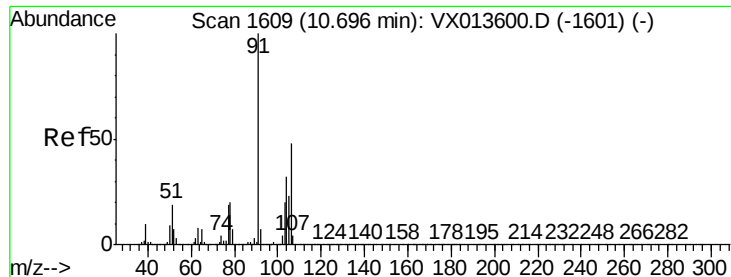
Tot Ion: 91 Resp: 638152
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 39.860 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 106 Resp: 490626
Ion Ratio Lower Upper
106 100
91 195.9 159.0 238.4

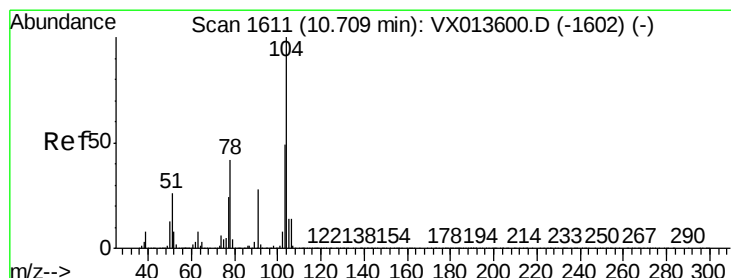
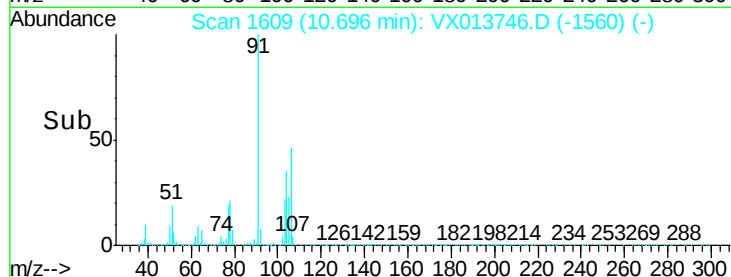
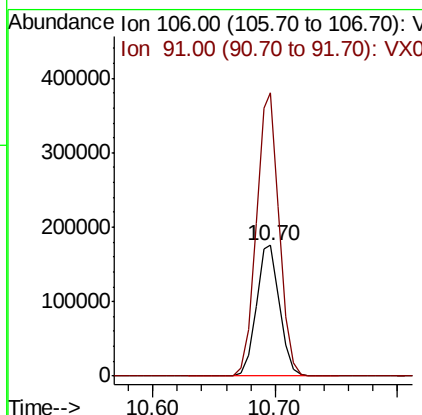
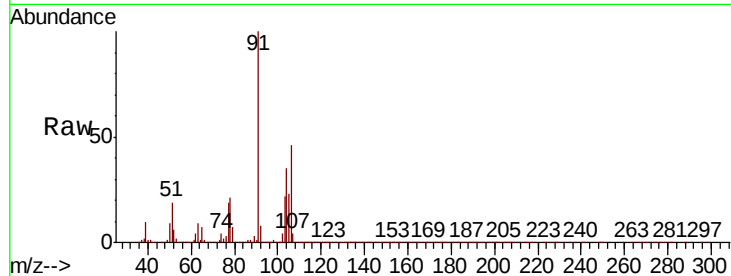




#69
o-Xylene
Concen: 19.434 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

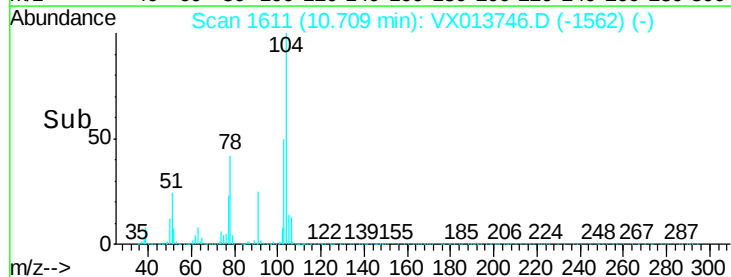
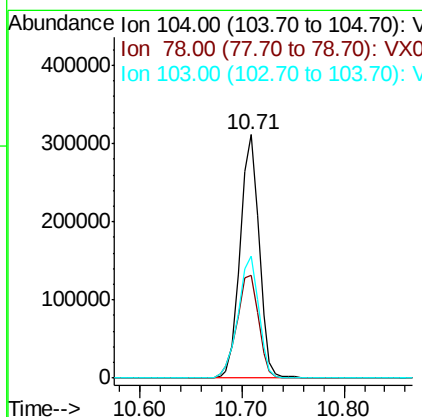
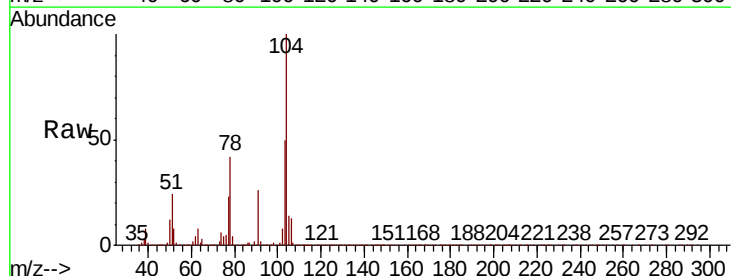
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

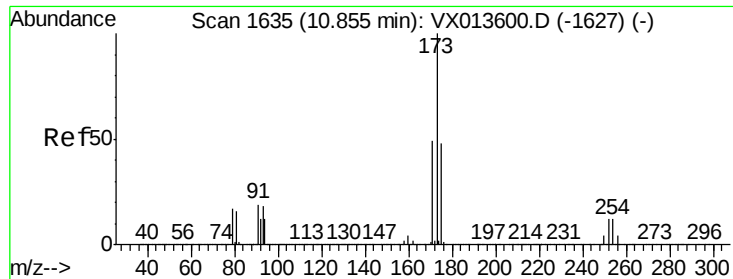
Tot Ion:106 Resp: 233301
Ion Ratio Lower Upper
106 100
91 211.9 104.1 312.2



#70
Styrene
Concen: 19.689 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion:104 Resp: 397593
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.8 43.7 65.5

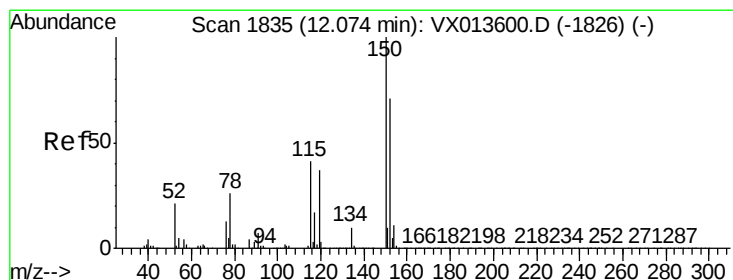
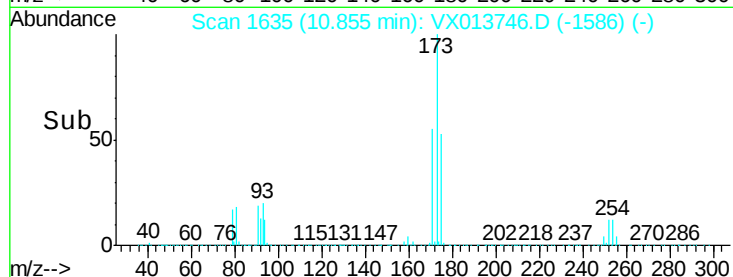
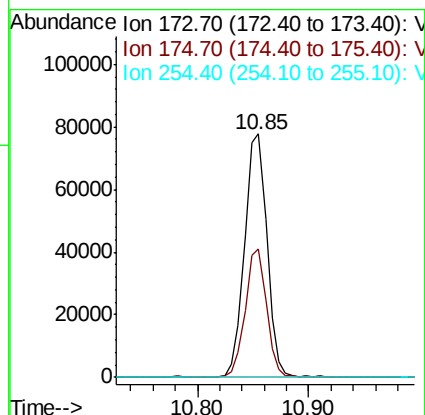
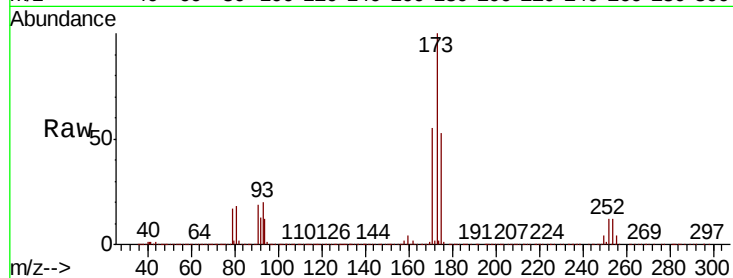




#71
Bromoform
Concen: 19.552 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

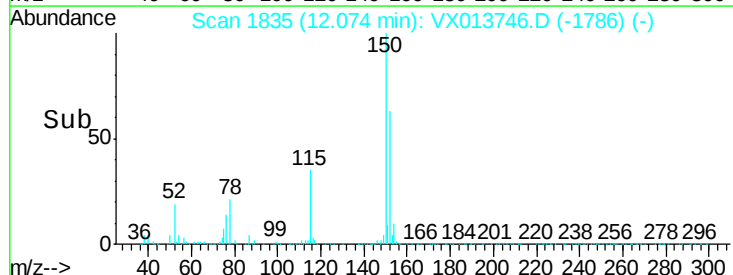
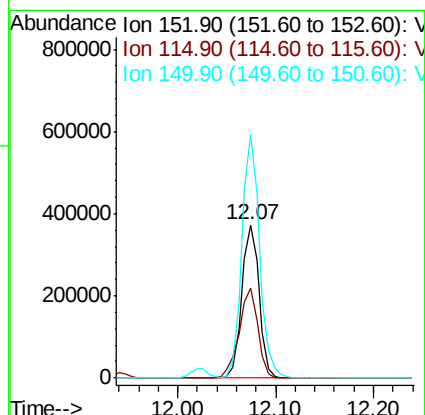
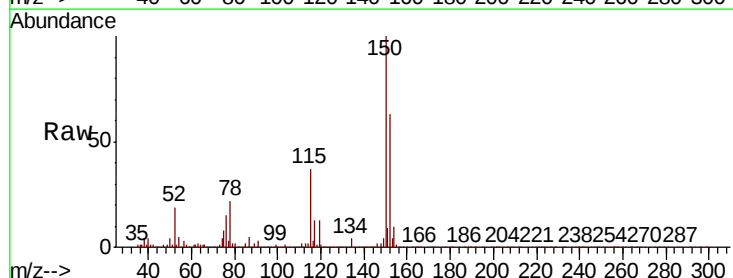
Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

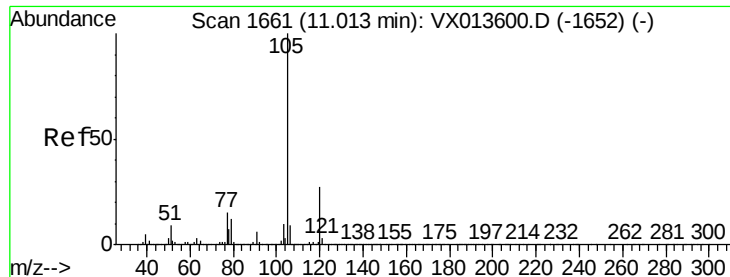
Tot Ion:173 Resp: 108689
Ion Ratio Lower Upper
173 100
175 50.7 24.3 72.8
254 0.3 0.2 0.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion:152 Resp: 453633
Ion Ratio Lower Upper
152 100
115 64.1 38.4 115.1
150 163.0 0.0 346.8





#73

Isopropylbenzene

Concen: 19.807 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

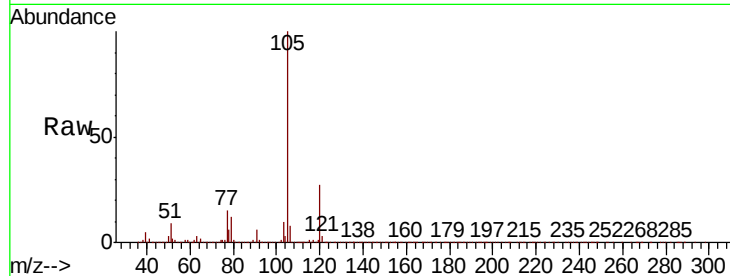
VX1204WBS01

Tot Ion:105 Resp: 630259

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

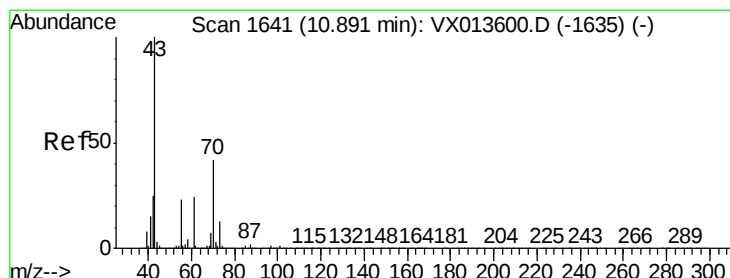
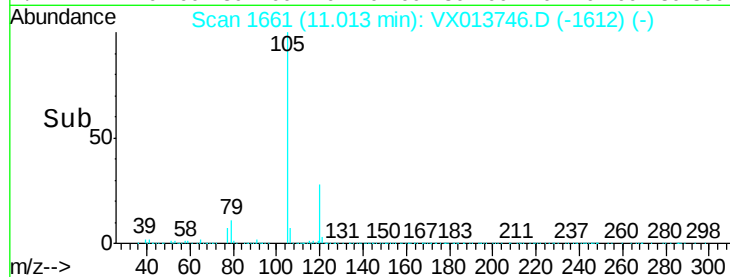
200000

100000

0

11.01

Time-->



#74

N-ethyl acetate

Concen: 18.600 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion: 43 Resp: 271130

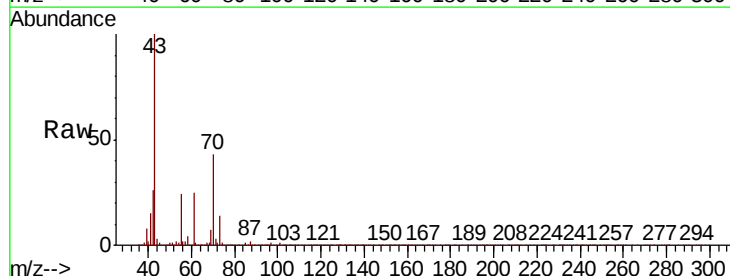
Ion Ratio Lower Upper

43 100

70 44.3 34.3 51.5

55 23.9 18.5 27.7

61 25.5 19.8 29.8



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

300000

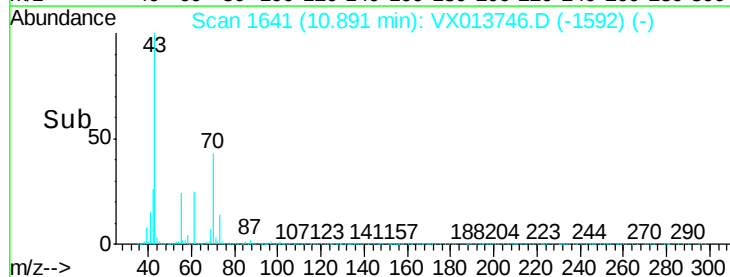
200000

100000

0

10.89

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.045 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

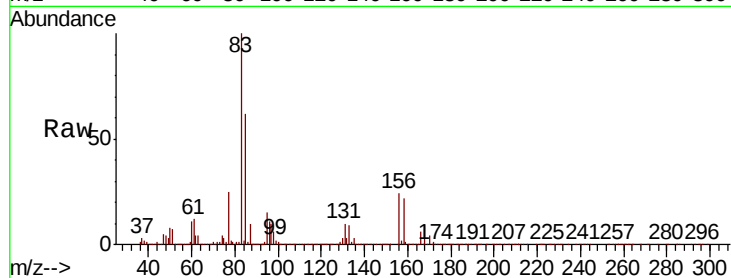
Tot Ion: 83 Resp: 210163

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

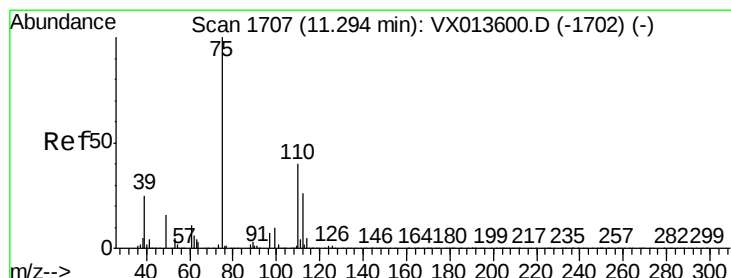
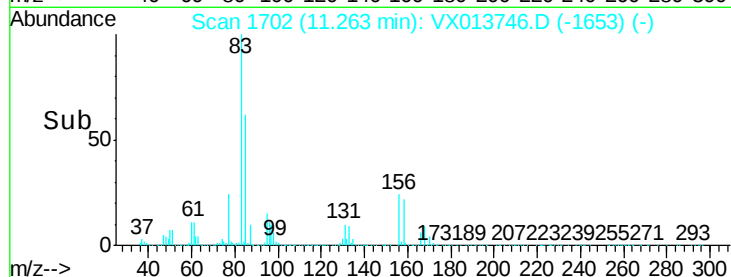
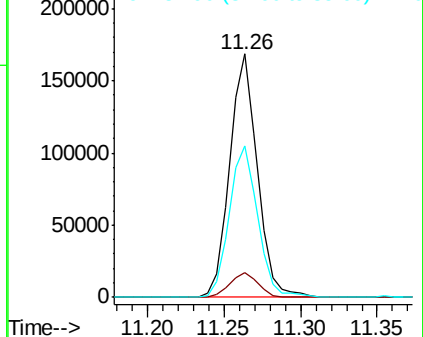
85 64.2 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.881 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013746.D

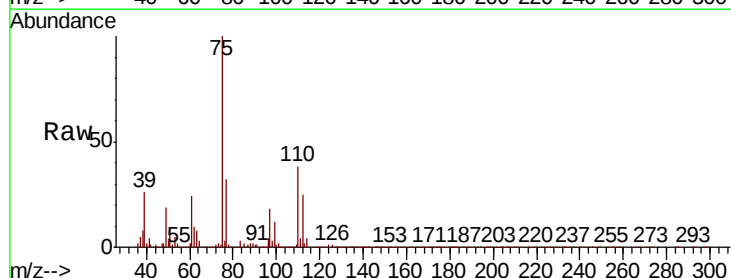
Acq: 04 Dec 2019 13:57

Tgt Ion: 75 Resp: 233460

Ion Ratio Lower Upper

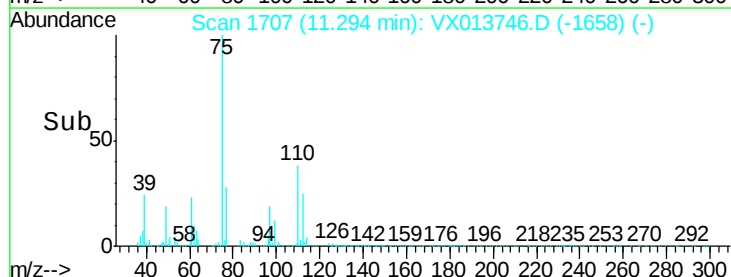
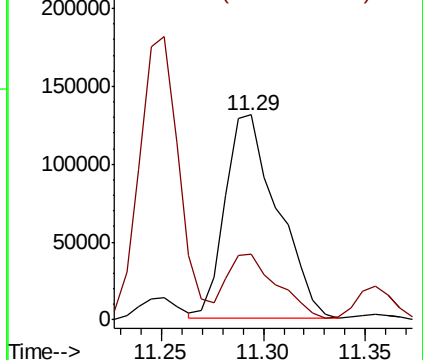
75 100

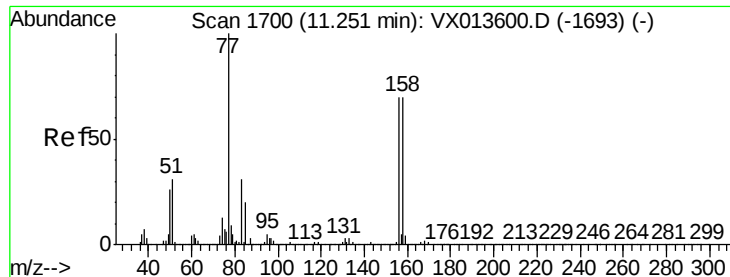
77 30.7 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.184 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

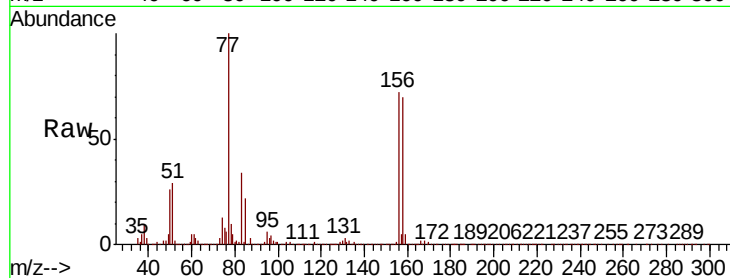
Tot Ion:156 Resp: 164912

Ion Ratio Lower Upper

156 100

77 148.1 74.4 223.1

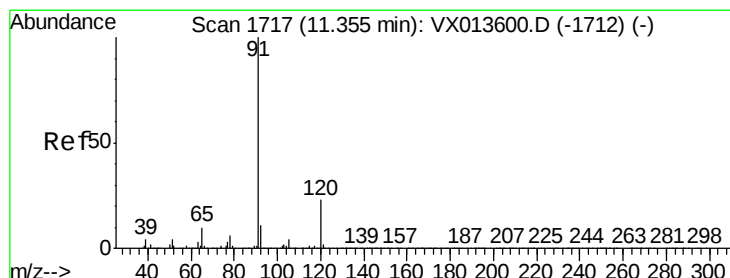
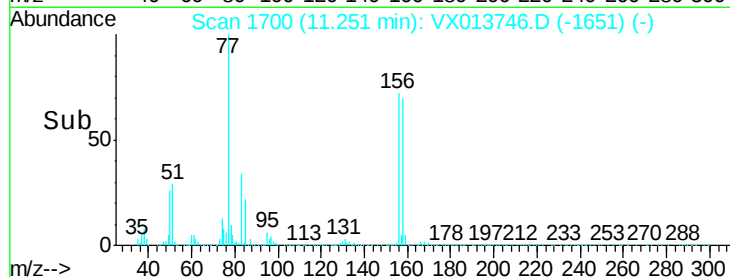
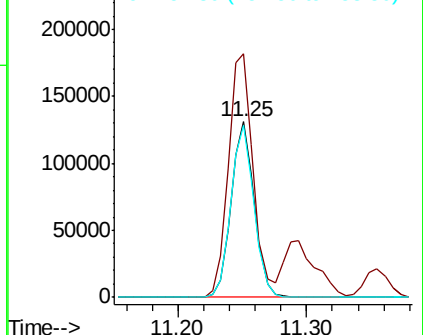
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.886 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013746.D

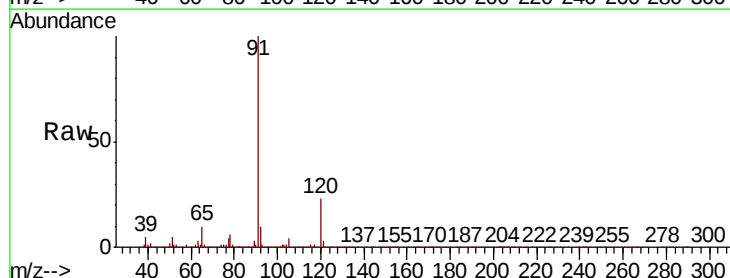
Acq: 04 Dec 2019 13:57

Tgt Ion: 91 Resp: 706367

Ion Ratio Lower Upper

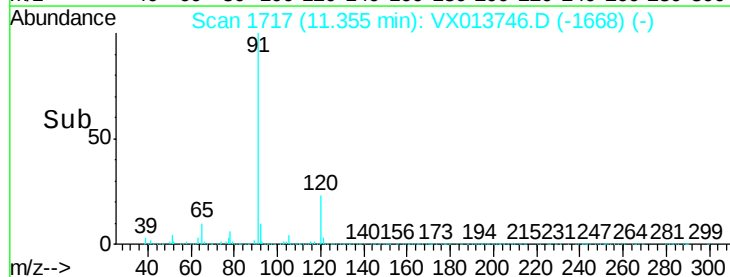
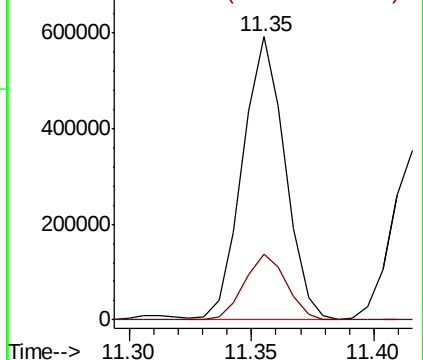
91 100

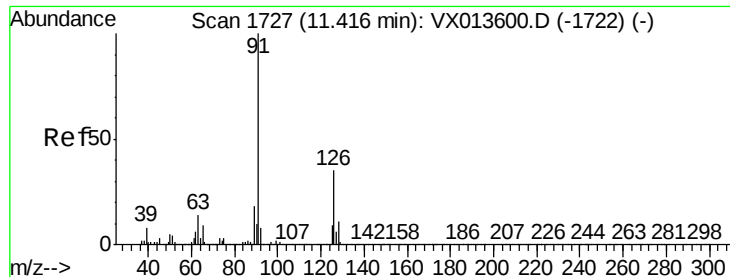
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.715 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

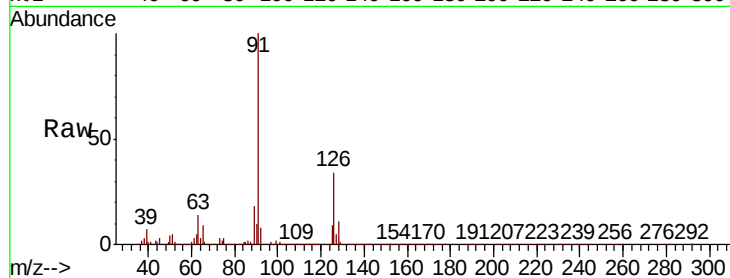
VX1204WBS01

Tot Ion: 91 Resp: 420104

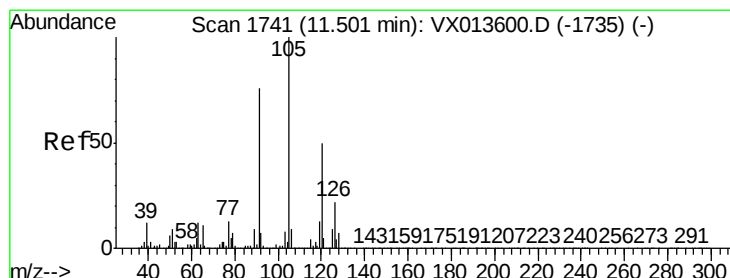
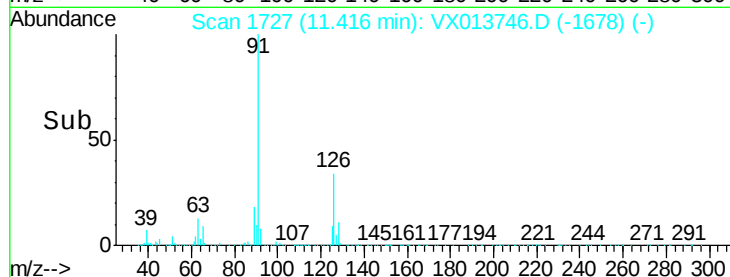
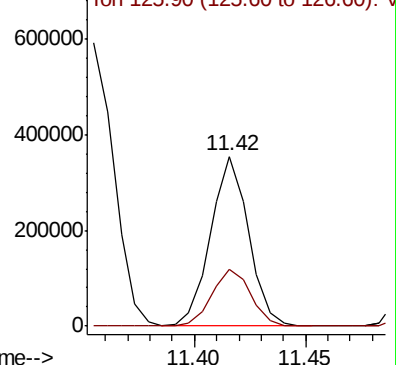
Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013746.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.010 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013746.D

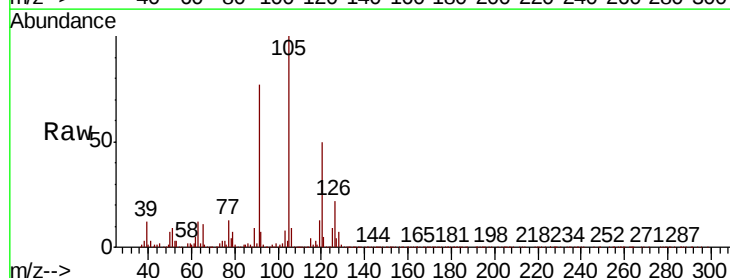
Acq: 04 Dec 2019 13:57

Tgt Ion: 105 Resp: 521851

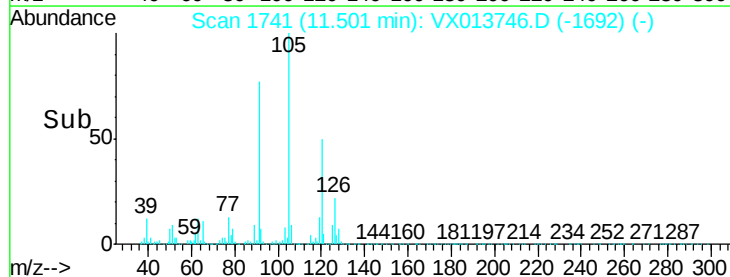
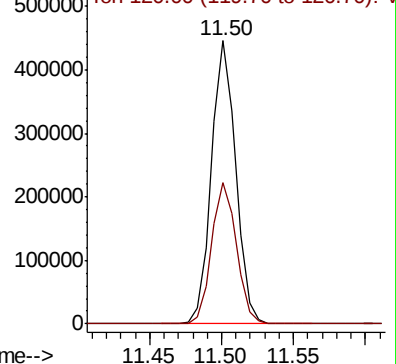
Ion Ratio Lower Upper

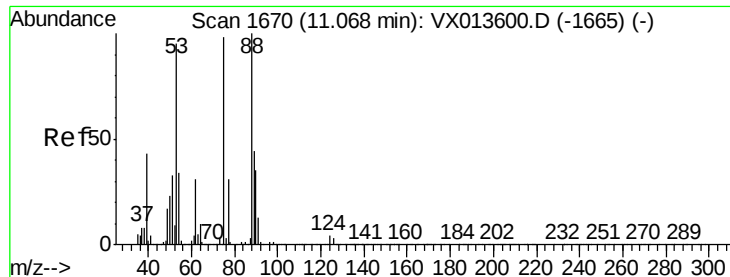
105 100

120 50.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013746.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.606 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

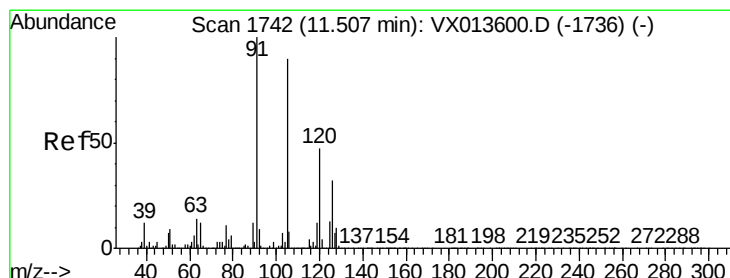
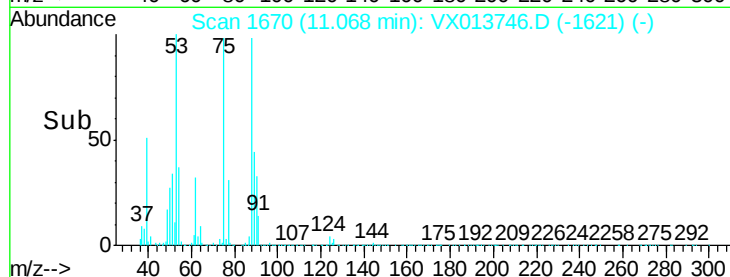
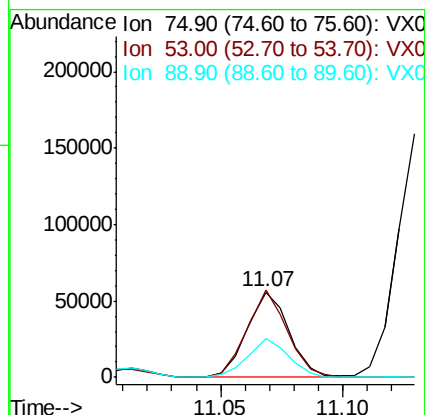
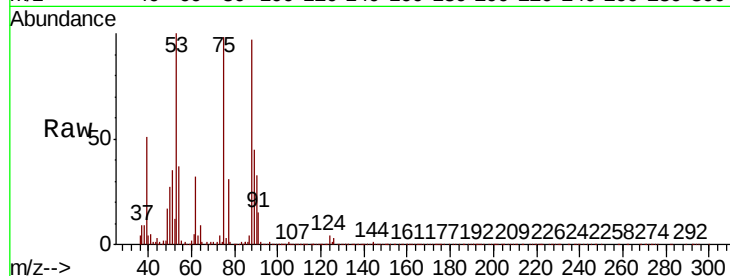
Tot Ion: 75 Resp: 65659

Ion Ratio Lower Upper

75 100

53 98.2 78.2 117.2

89 43.9 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.436 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013746.D

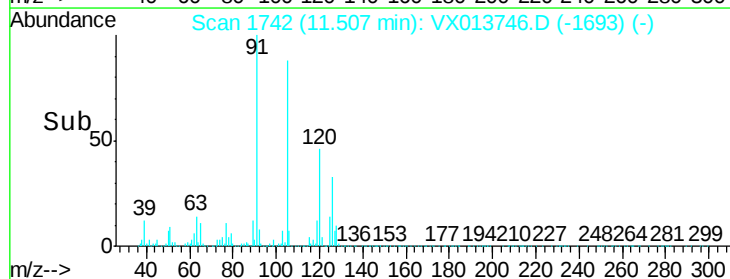
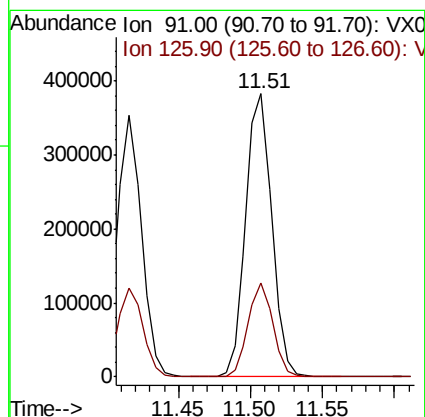
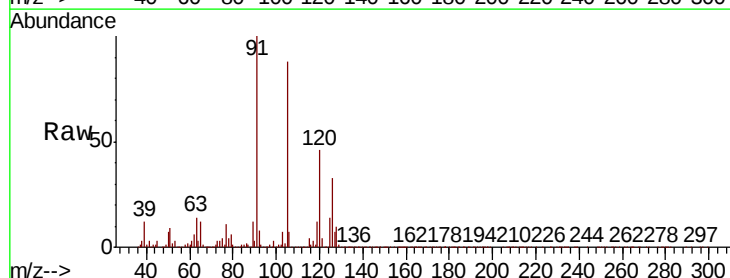
Acq: 04 Dec 2019 13:57

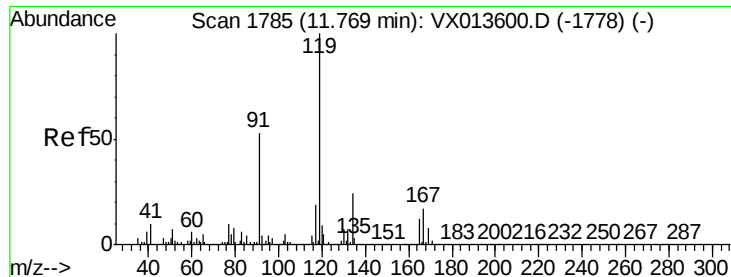
Tgt Ion: 91 Resp: 479676

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.0





#83

tert-Butylbenzene

Concen: 19.951 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

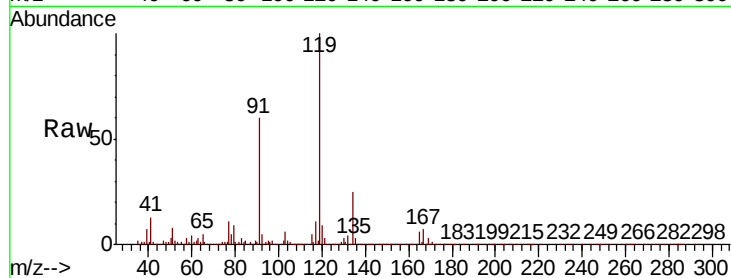
Tot Ion:119 Resp: 528795

Ion Ratio Lower Upper

119 100

91 54.7 27.2 81.6

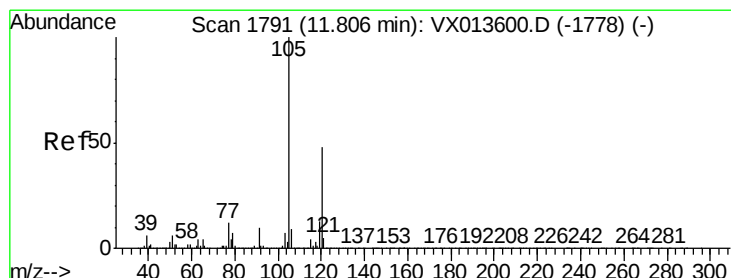
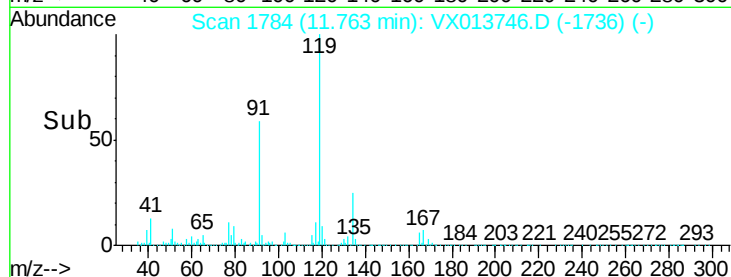
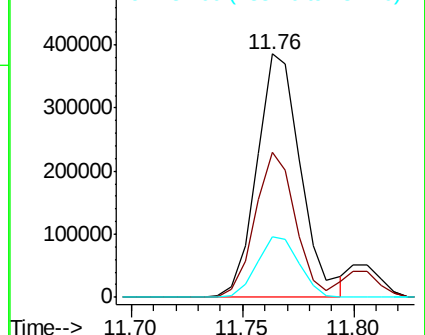
134 23.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.040 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013746.D

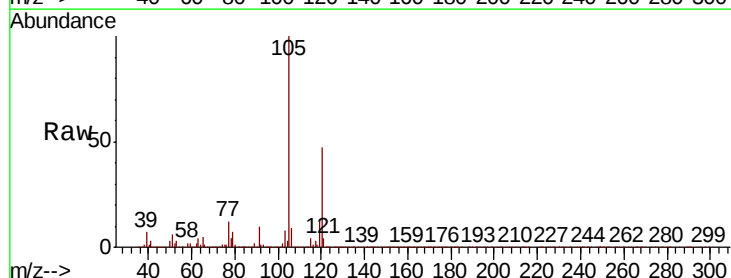
Acq: 04 Dec 2019 13:57

Tgt Ion:105 Resp: 530427

Ion Ratio Lower Upper

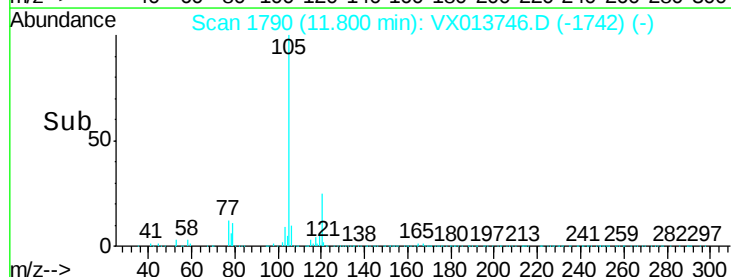
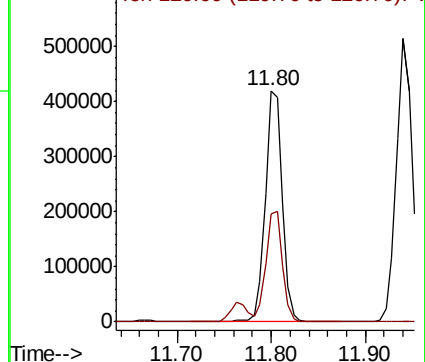
105 100

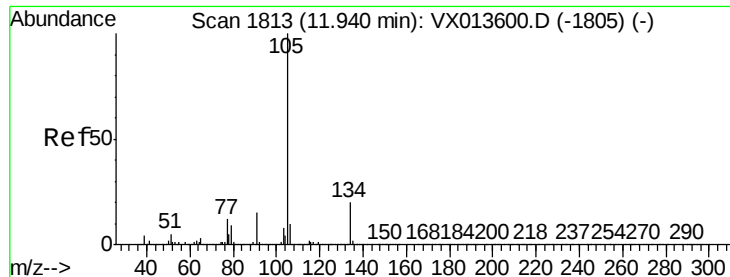
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.168 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

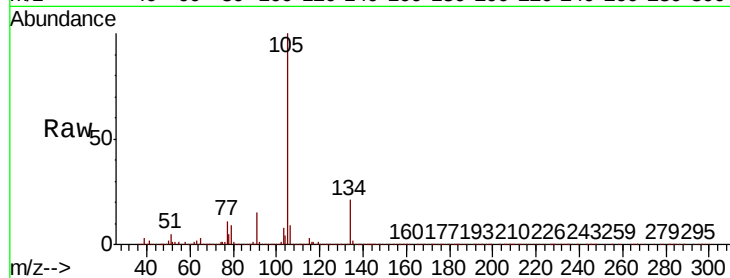
VX1204WBS01

Tot Ion:105 Resp: 610571

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

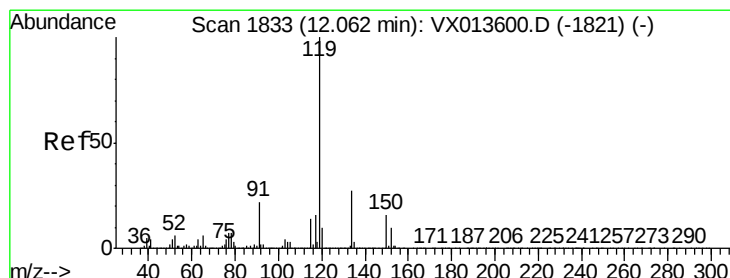
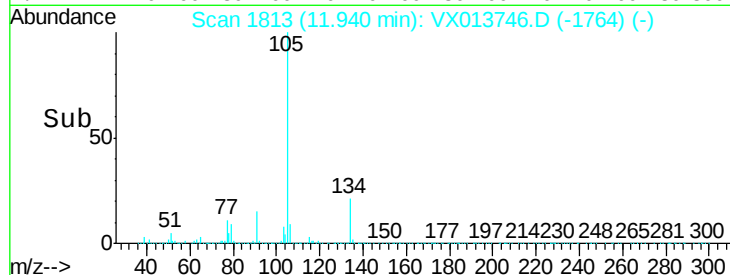
200000

100000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.041 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

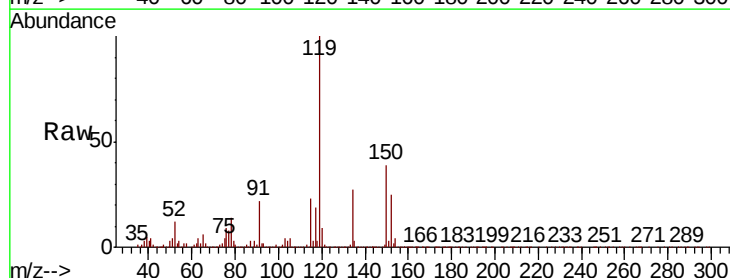
Tgt Ion:119 Resp: 564442

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.5 11.3 33.8



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): V

600000

500000

400000

300000

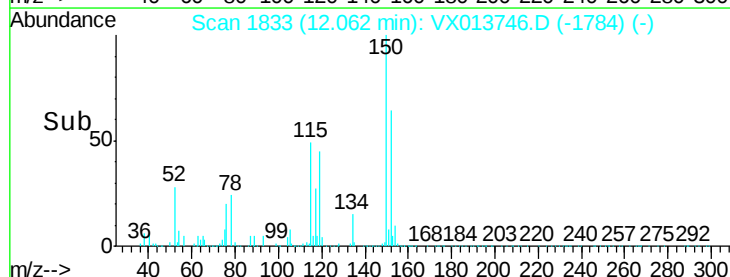
200000

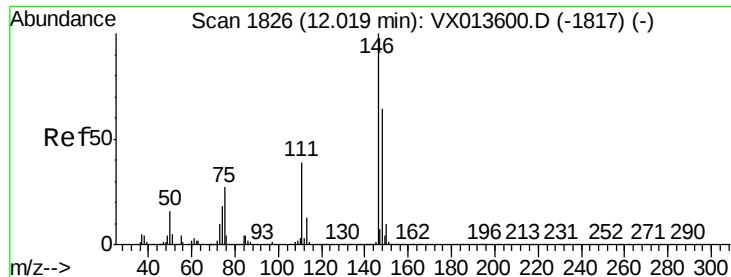
100000

0

12.00 12.10

Time-->

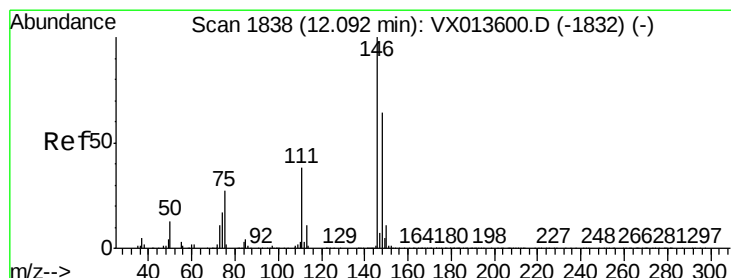
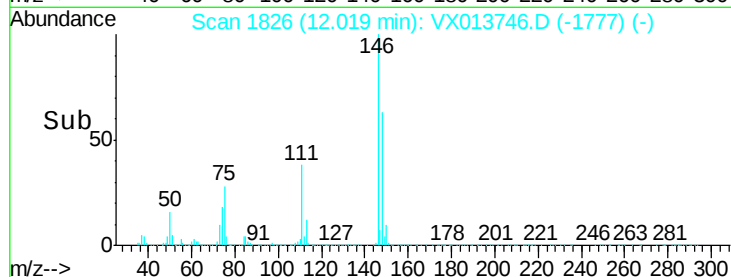
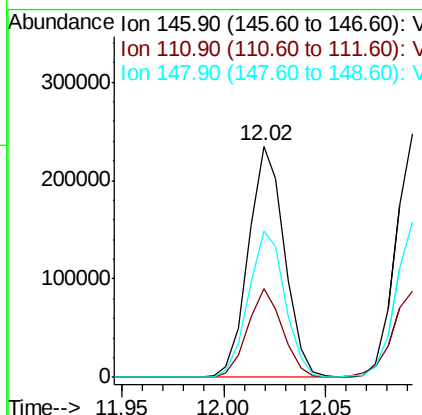
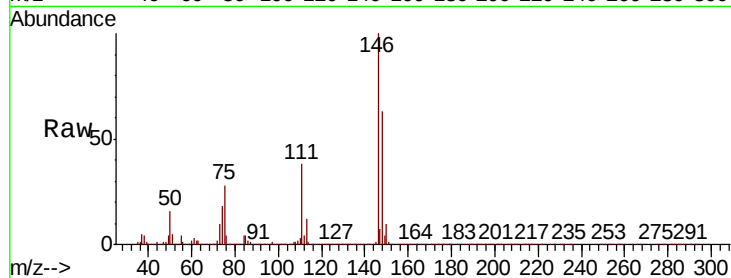




#87
 1,3-Dichlorobenzene
 Concen: 19.257 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

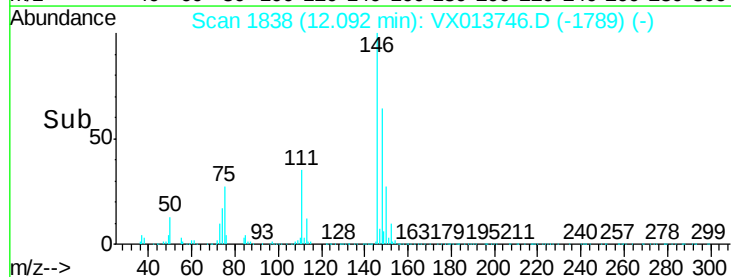
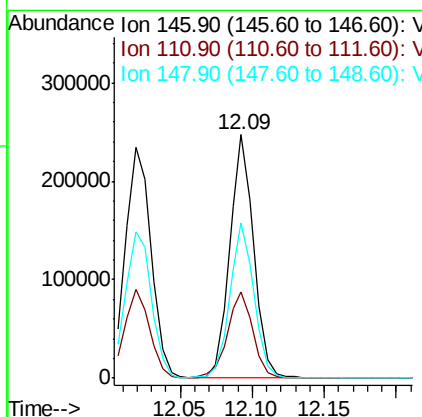
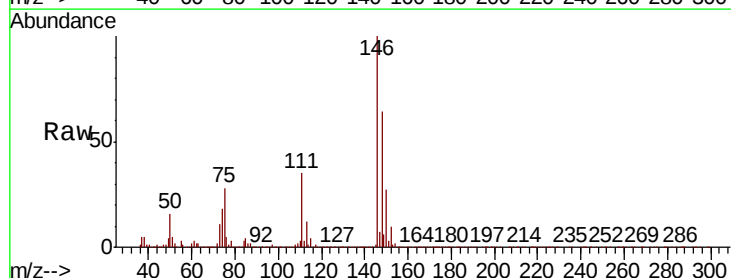
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

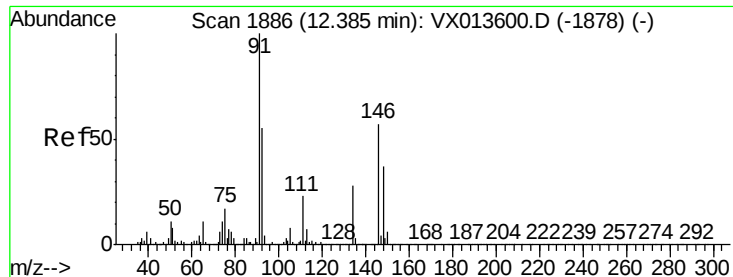
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	64.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.875 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	64.1	31.9	95.5

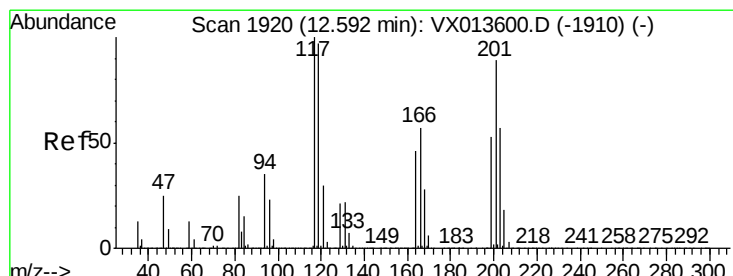
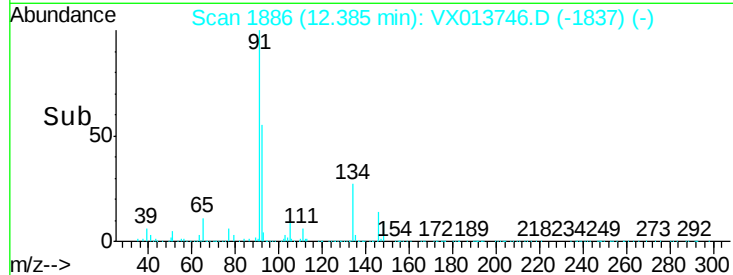
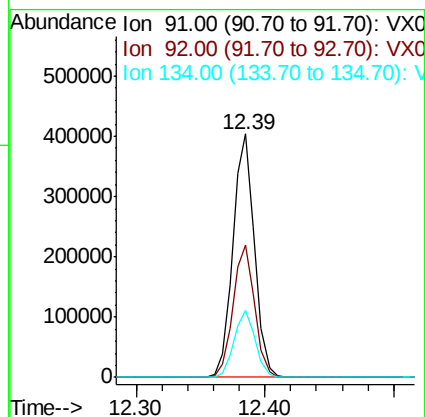
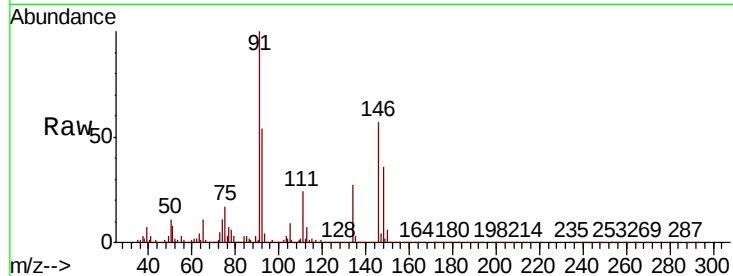




#89
n-Butylbenzene
Concen: 19.705 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

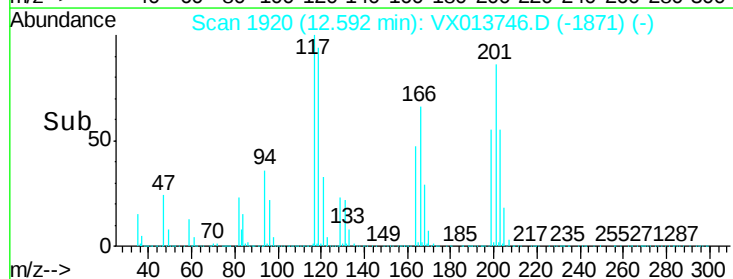
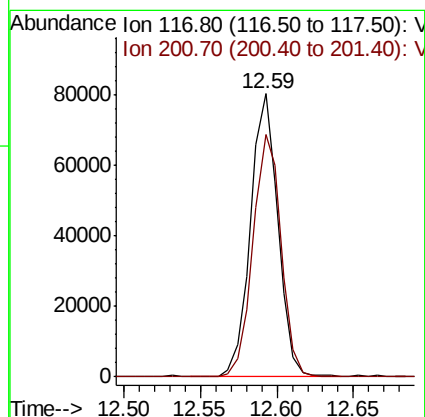
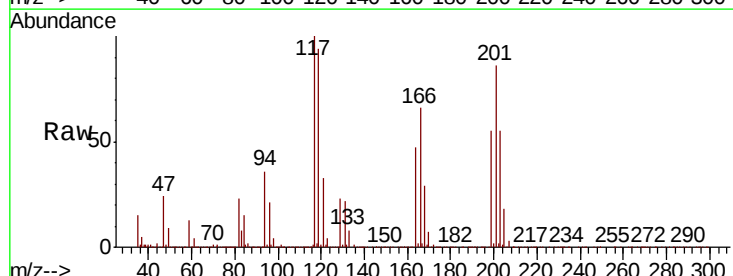
Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

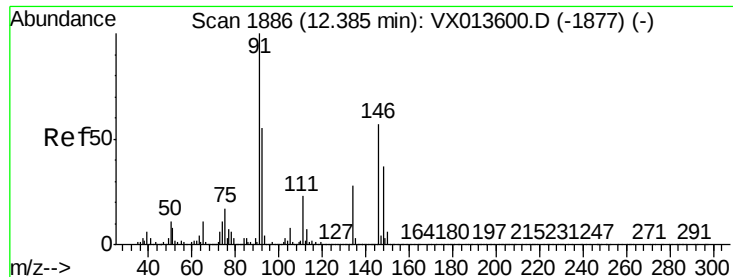
Tot Ion: 91 Resp: 473347
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.2
134 27.0 13.5 40.4



#90
Hexachloroethane
Concen: 19.523 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 117 Resp: 99384
Ion Ratio Lower Upper
117 100
201 88.4 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.475 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

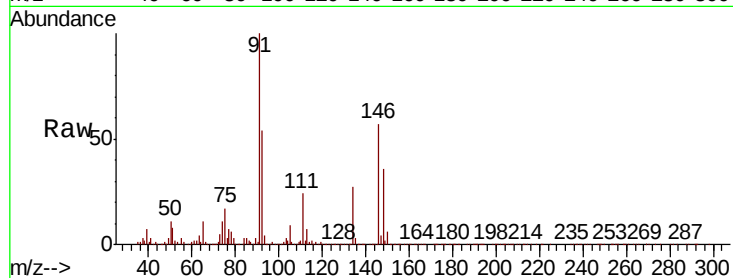
Tot Ion:146 Resp: 288340

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

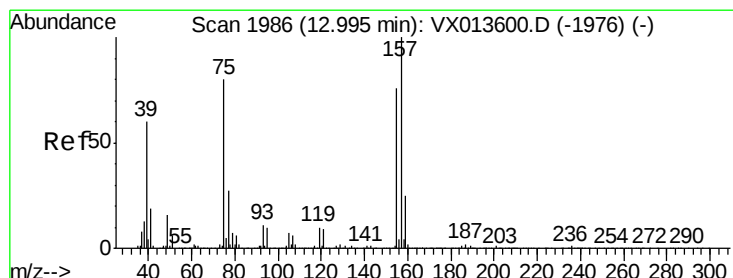
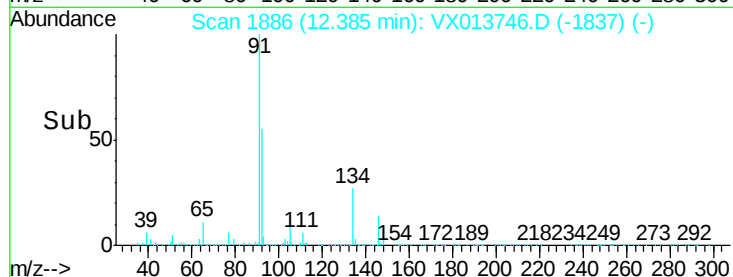
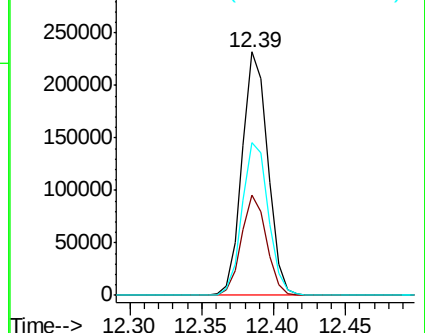
148 64.1 31.9 95.7



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: 17.534 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

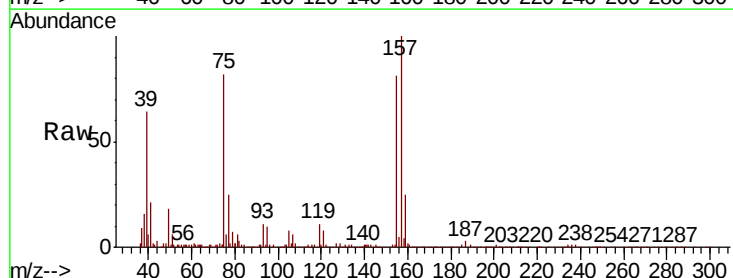
Tgt Ion: 75 Resp: 42135

Ion Ratio Lower Upper

75 100

155 101.5 47.6 142.8

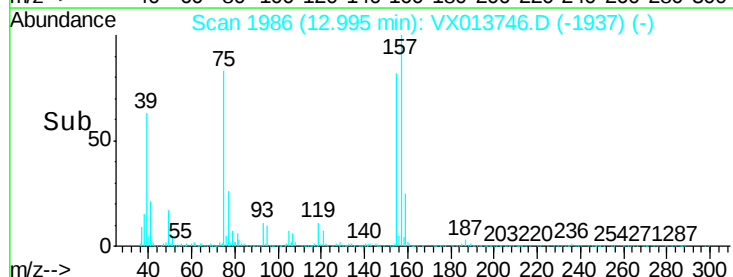
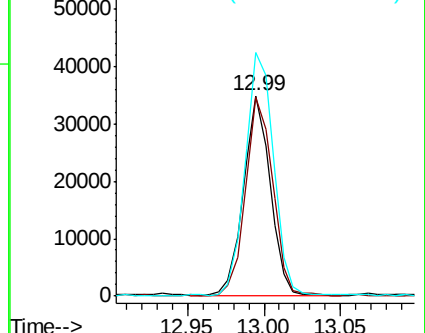
157 131.4 62.1 186.2

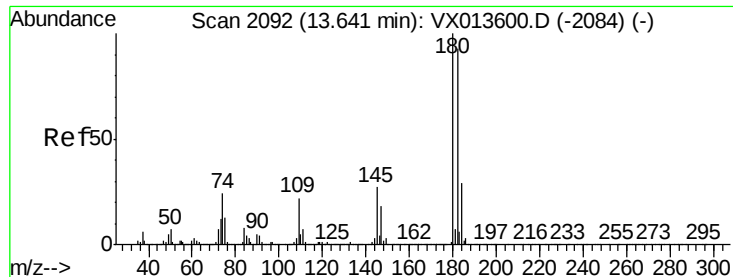


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

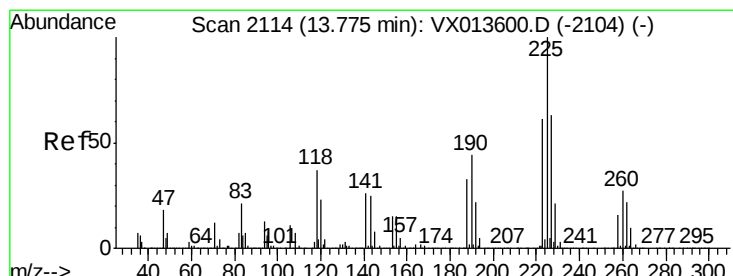
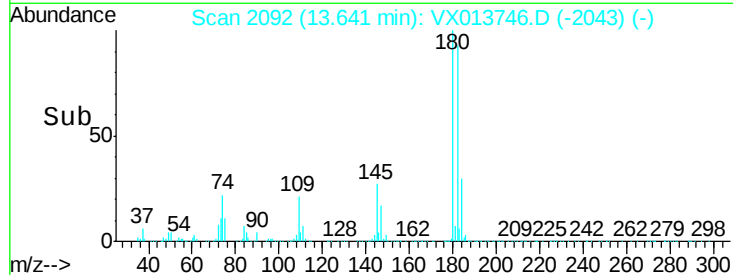
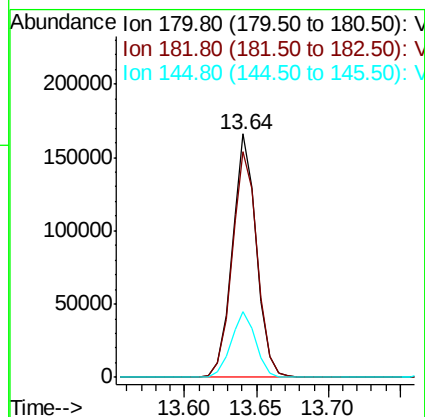
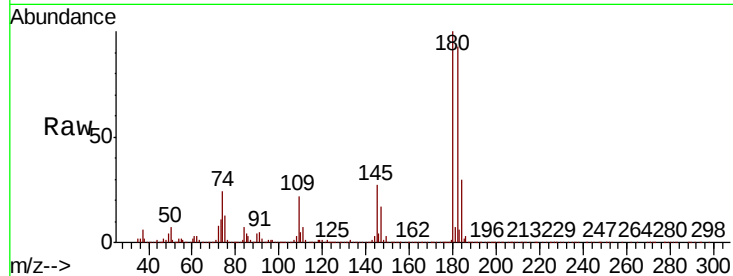




#93
 1,2,4-Trichlorobenzene
 Concen: 18.818 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

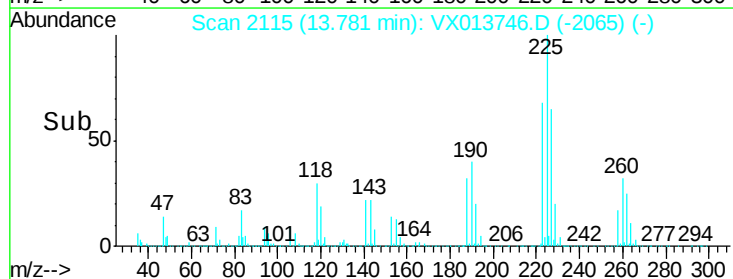
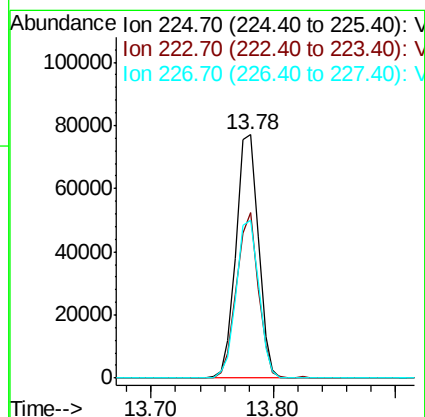
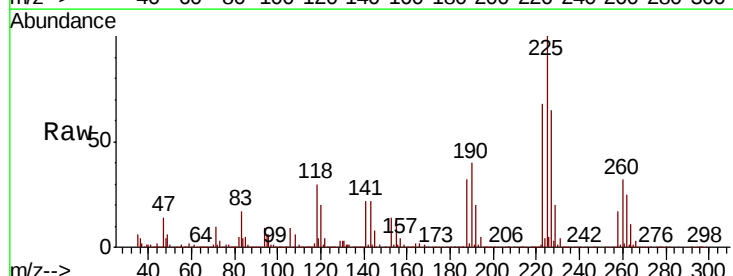
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

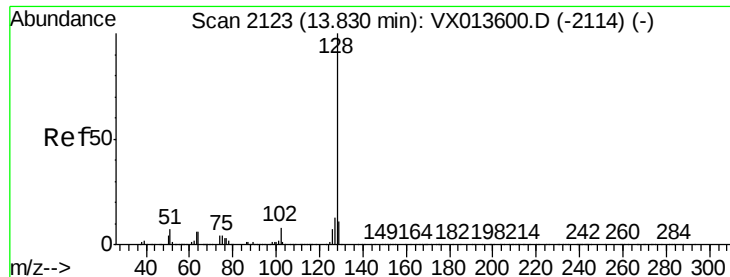
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.2	141.6
145	28.2	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 19.686 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	31.9	95.5
227	65.8	32.1	96.3

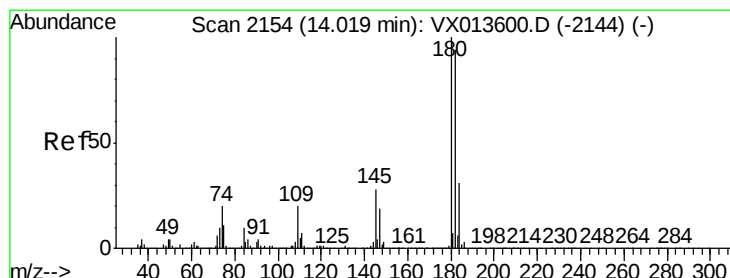
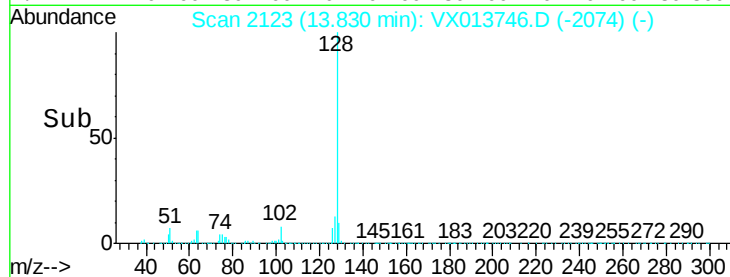
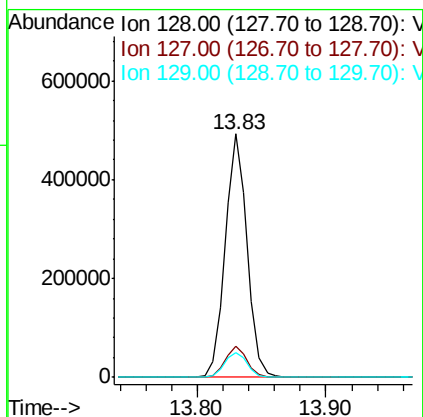
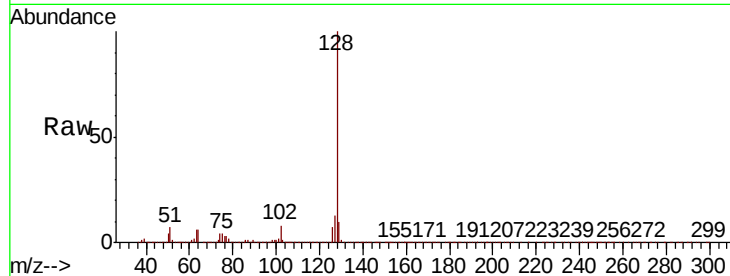




#95
Naphthalene
Concen: 19.148 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion:128 Resp: 588413
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.217 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion:180 Resp: 196337
Ion Ratio Lower Upper
180 100
182 97.8 47.6 142.8
145 29.6 15.0 45.0

