

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\
 Data File : VX013722.D
 Acq On : 03 Dec 2019 14:14
 Operator : JC/SP
 Sample : VX1203MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Quant Time: Dec 03 14:39:26 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	645128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	970367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	878145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	435025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	351431	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.48	113	287130	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1101043	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.14	95	395107	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	141137	19.655	ug/l	98
3) Chloromethane	1.32	50	156558	19.431	ug/l	99
4) Vinyl Chloride	1.40	62	174733	19.268	ug/l	100
5) Bromomethane	1.63	94	96069	15.774	ug/l	100
6) Chloroethane	1.72	64	97423	18.879	ug/l	96
7) Trichlorofluoromethane	1.92	101	191218	18.989	ug/l	100
8) Diethyl Ether	2.18	74	90665	19.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118962	19.341	ug/l	97
10) Methyl Iodide	2.50	142	124305	16.707	ug/l	99
11) Tert butyl alcohol	3.03	59	161085	87.148	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115251	18.772	ug/l	93
13) Acrolein	2.28	56	99097	84.244	ug/l	100
14) Allyl chloride	2.72	41	211213	18.957	ug/l	100
15) Acrylonitrile	3.13	53	373507	97.894	ug/l	100
16) Acetone	2.43	43	408973	110.618	ug/l	98
17) Carbon Disulfide	2.56	76	306534	17.514	ug/l	98
18) Methyl Acetate	2.76	43	214482	20.833	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	404268	19.877	ug/l	100
20) Methylene Chloride	2.84	84	138605	19.514	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	126301	18.884	ug/l	98
22) Diisopropyl ether	3.84	45	435956	20.321	ug/l	99
23) Vinyl Acetate	3.80	43	1709733	95.799	ug/l	100
24) 1,1-Dichloroethane	3.69	63	229433	19.563	ug/l	98
25) 2-Butanone	4.65	43	563989	102.643	ug/l	98
26) 2,2-Dichloropropane	4.57	77	178356	18.381	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	145238	18.909	ug/l	99
28) Bromochloromethane	5.00	49	95251	20.545	ug/l	100
29) Tetrahydrofuran	5.11	42	342088	100.991	ug/l	99
30) Chloroform	5.20	83	222546	18.711	ug/l	96
31) Cyclohexane	5.57	56	208020	18.805	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	190246	19.141	ug/l	98
36) 1,1-Dichloropropene	5.79	75	169332	19.224	ug/l	99
37) Ethyl Acetate	4.81	43	200765	20.317	ug/l	99
38) Carbon Tetrachloride	5.78	117	160645	19.778	ug/l	97

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 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	215136	19.759	ug/l	95
40) Benzene	6.13	78	521074	19.423	ug/l	97
41) Methacrylonitrile	5.03	41	110064	20.309	ug/l	99
42) 1,2-Dichloroethane	6.18	62	184965	20.216	ug/l	99
43) Isopropyl Acetate	6.43	43	326110	20.045	ug/l	99
44) Trichloroethene	7.20	130	140927	19.140	ug/l	97
45) 1,2-Dichloropropane	7.51	63	136333	20.311	ug/l	100
46) Dibromomethane	7.65	93	89799	19.698	ug/l	97
47) Bromodichloromethane	7.89	83	174078	20.199	ug/l	98
48) Methyl methacrylate	7.76	41	162486	20.556	ug/l	98
49) 1,4-Dioxane	7.73	88	66055	373.333	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1038928	101.524	ug/l	99
52) Toluene	8.78	92	326481	19.589	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	191044	19.475	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	212693	19.846	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	137172	20.424	ug/l	98
56) Ethyl methacrylate	9.17	69	218139	20.202	ug/l	100
57) 1,3-Dichloropropane	9.37	76	228296	19.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	406067	95.914	ug/l	99
59) 2-Hexanone	9.48	43	812186	101.762	ug/l	98
60) Dibromochloromethane	9.57	129	137460	19.721	ug/l	99
61) 1,2-Dibromoethane	9.67	107	139043	19.384	ug/l	98
64) Tetrachloroethene	9.33	164	155085	23.682	ug/l	98
65) Chlorobenzene	10.14	112	355668	19.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129117	19.722	ug/l	99
67) Ethyl Benzene	10.25	91	619108	19.761	ug/l	99
68) m/p-Xylenes	10.35	106	472223	39.369	ug/l	99
69) o-Xylene	10.70	106	227937	19.484	ug/l	97
70) Styrene	10.71	104	387016	19.667	ug/l	99
71) Bromoform	10.85	173	107276	19.803	ug/l #	98
73) Isopropylbenzene	11.01	105	610445	20.005	ug/l	100
74) N-amyl acetate	10.89	43	283092	20.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	208717	19.723	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	237559	24.279	ug/l	89
77) Bromobenzene	11.25	156	160308	19.446	ug/l	99
78) n-propylbenzene	11.35	91	682778	20.044	ug/l	100
79) 2-Chlorotoluene	11.42	91	404668	19.803	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	507745	20.302	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67124	18.768	ug/l	94
82) 4-Chlorotoluene	11.51	91	464131	19.611	ug/l	98
83) tert-Butylbenzene	11.76	119	491262	19.328	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	512637	20.196	ug/l	99
85) sec-Butylbenzene	11.94	105	593981	20.459	ug/l	100
86) p-Isopropyltoluene	12.06	119	544402	20.156	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	276343	19.230	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	274890	18.780	ug/l	99
89) n-Butylbenzene	12.38	91	454385	19.725	ug/l	99
90) Hexachloroethane	12.59	117	94255	19.307	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	276709	19.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45029	19.539	ug/l	98

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Instrument :
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ClientSampleId :
VX1203MBS01

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

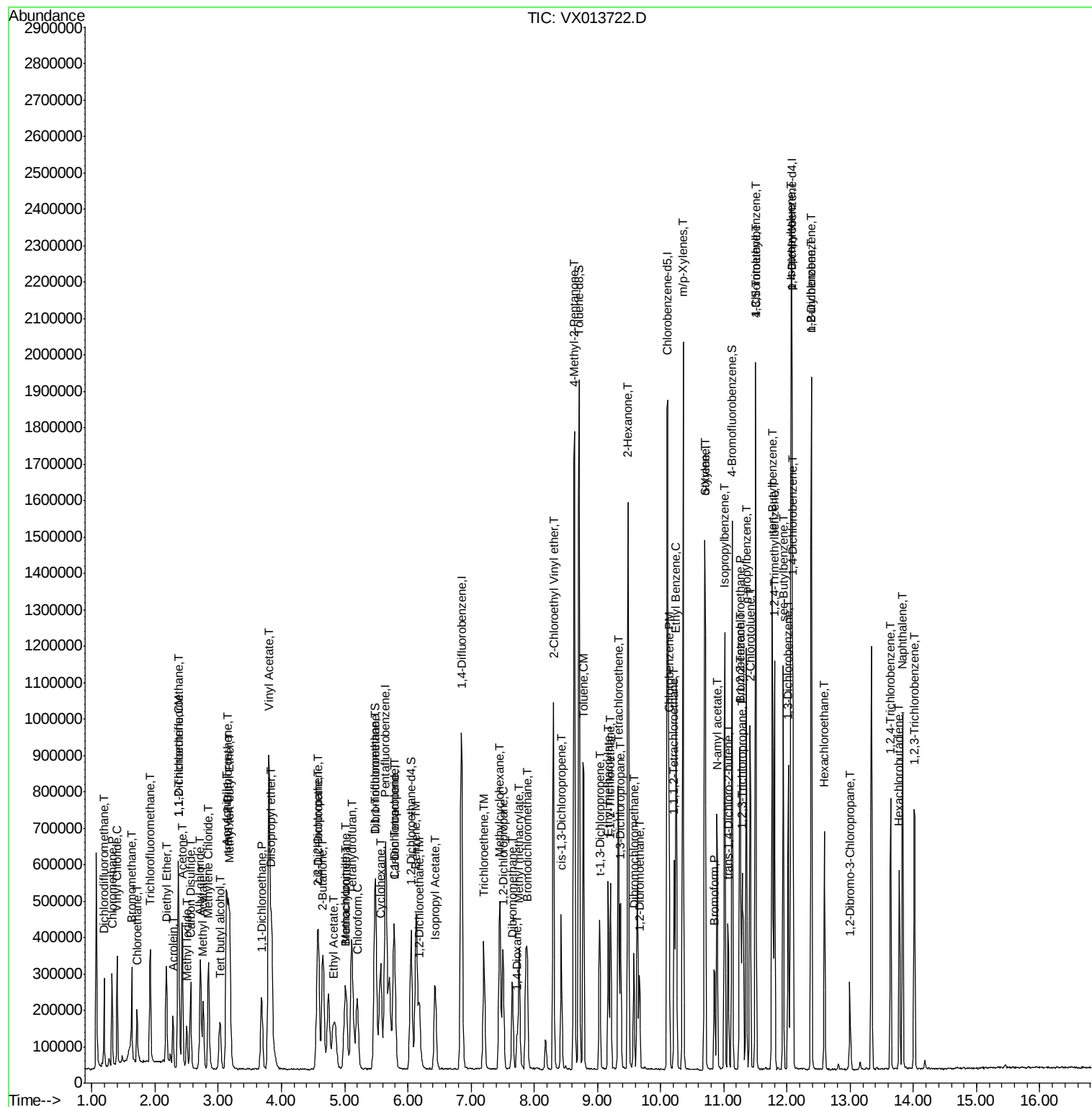
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	186929	18.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	88936	18.710	ug/l	97
95) Naphthalene	13.83	128	577746	19.606	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	187366	19.124	ug/l	98

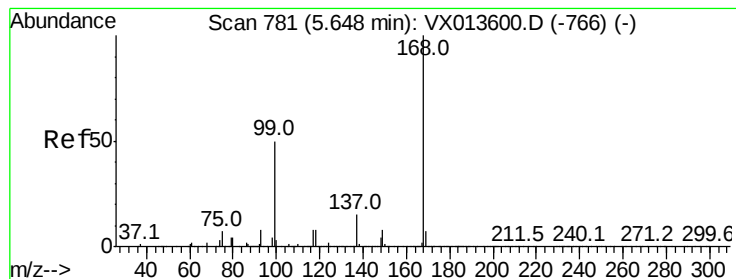
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

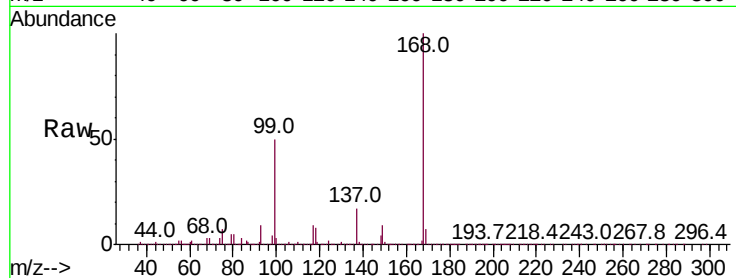
VX1203MBS01

Tot Ion:168 Resp: 645128

Ion Ratio Lower Upper

168 100

99 50.0 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

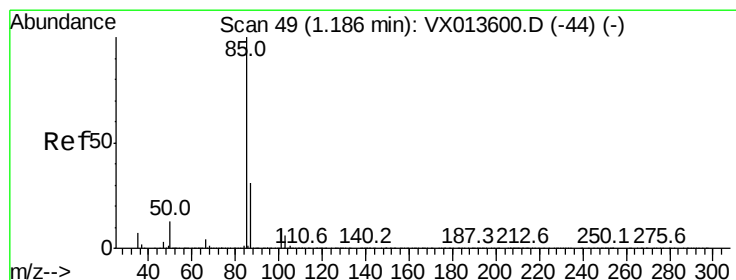
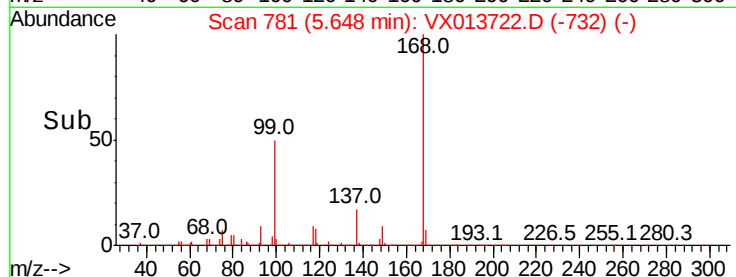
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.655 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013722.D

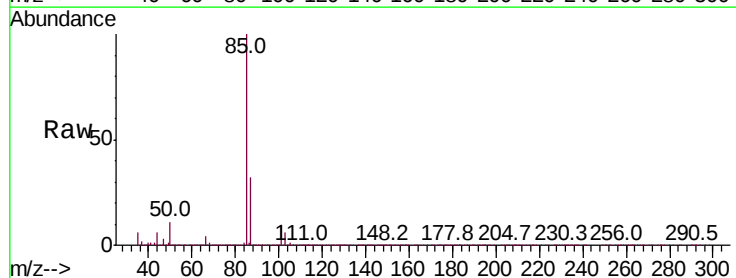
Acq: 03 Dec 2019 14:14

Tgt Ion: 85 Resp: 141137

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

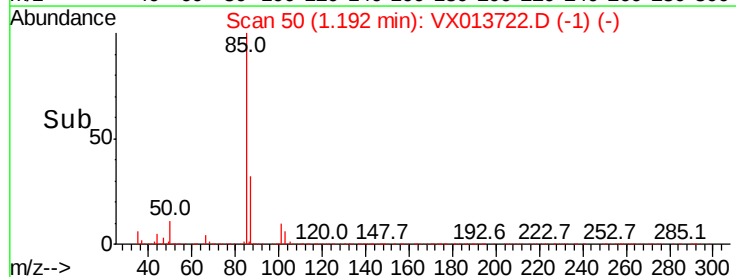
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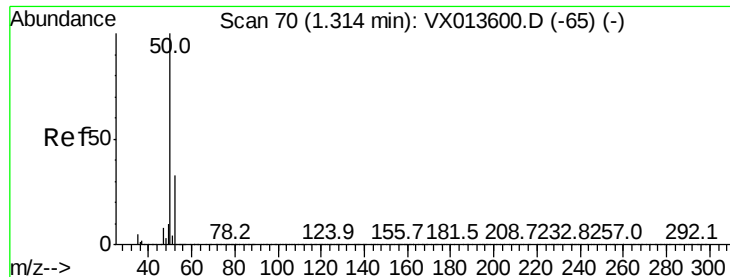
100000

50000

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Time-->





#3

Chloromethane

Concen: 19.431 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

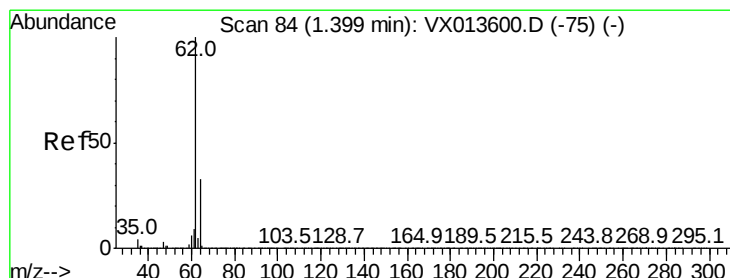
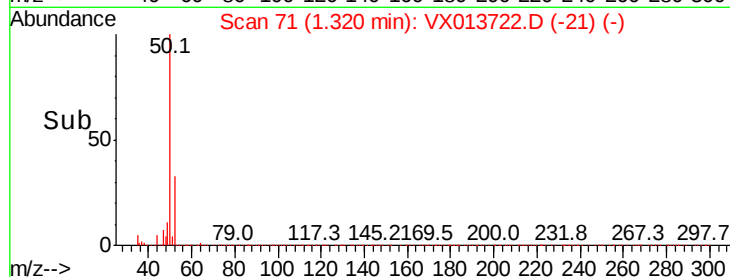
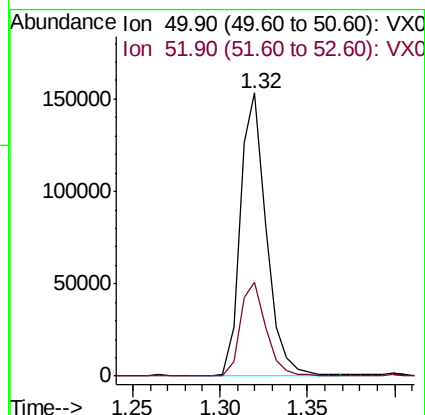
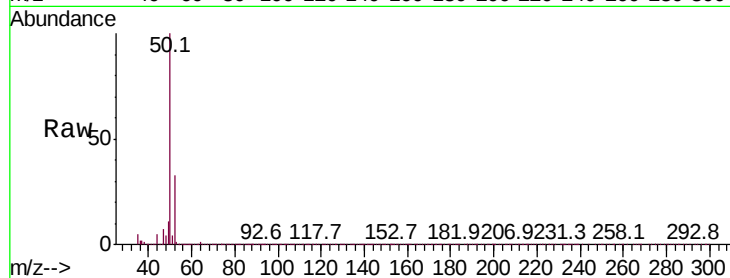
VX1203MBS01

Tot Ion: 50 Resp: 156558

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 19.268 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013722.D

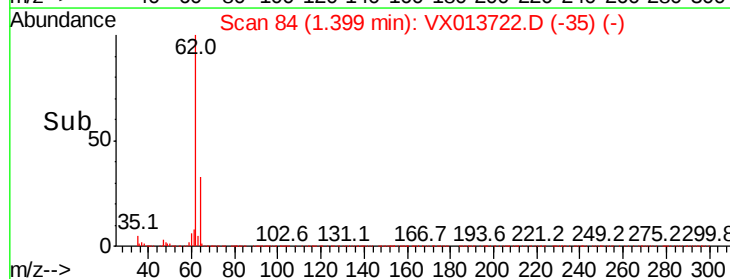
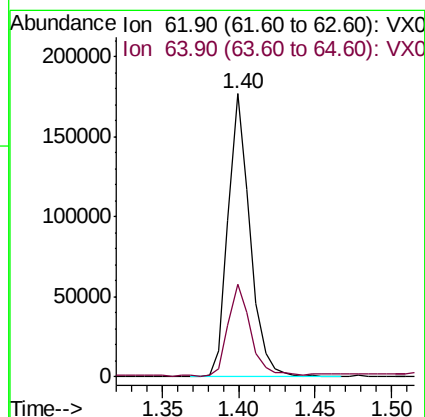
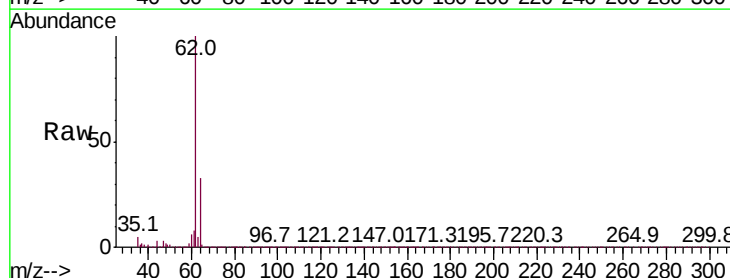
Acq: 03 Dec 2019 14:14

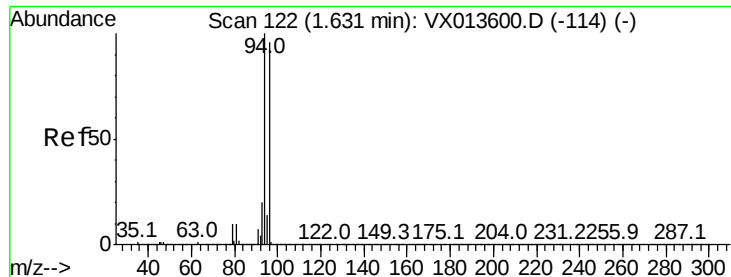
Tgt Ion: 62 Resp: 174733

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 15.774 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

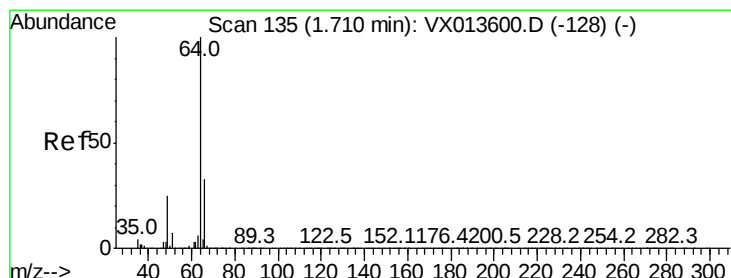
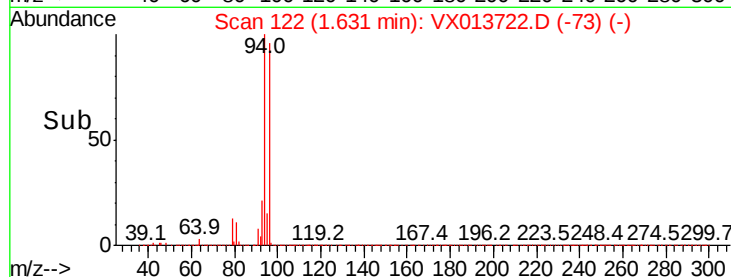
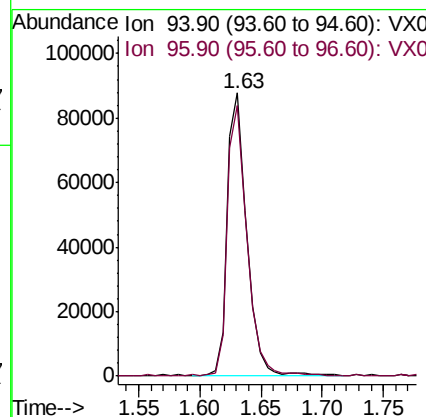
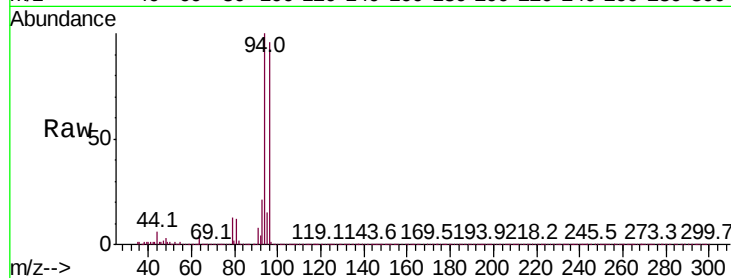
VX1203MBS01

Tot Ion: 94 Resp: 96069

Ion Ratio Lower Upper

94 100

96 95.8 77.0 115.4



#6

Chloroethane

Concen: 18.879 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013722.D

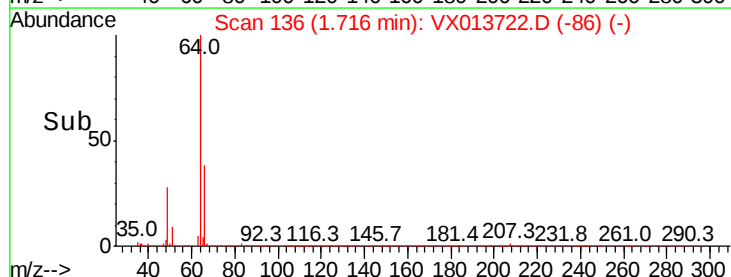
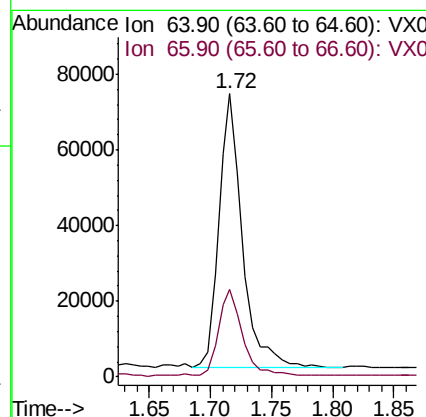
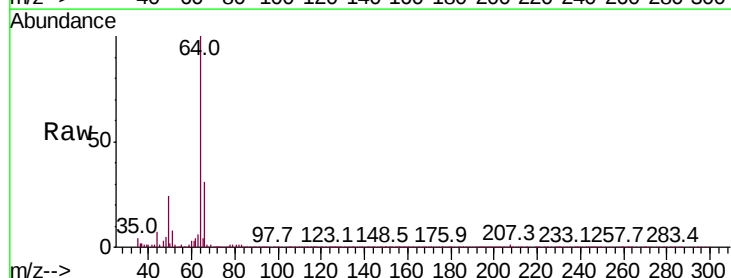
Acq: 03 Dec 2019 14:14

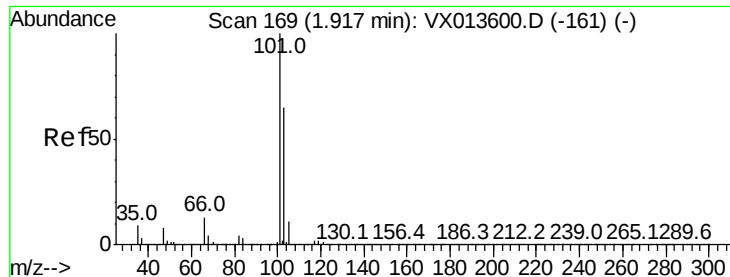
Tgt Ion: 64 Resp: 97423

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1



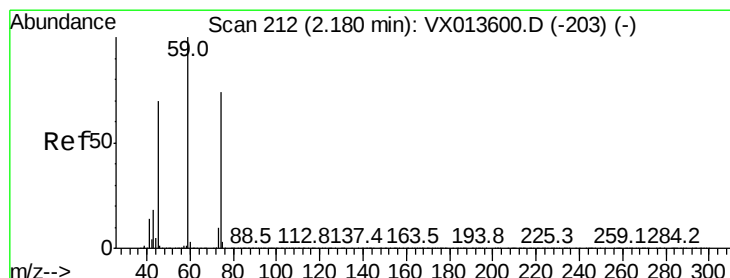
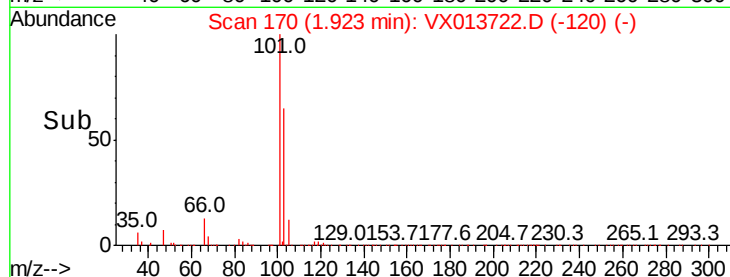
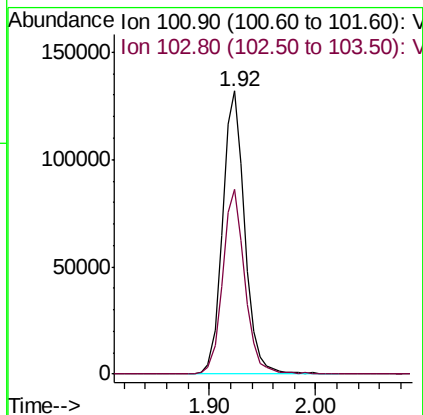
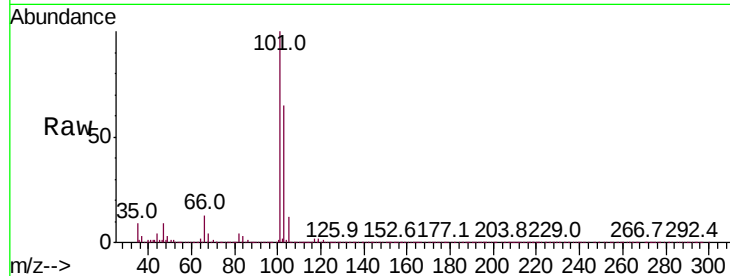


#7

Trichlorofluoromethane
Concen: 18.989 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

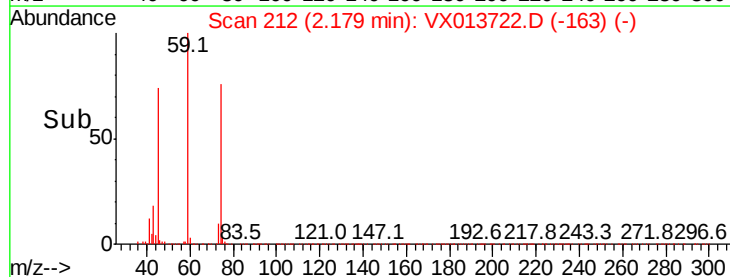
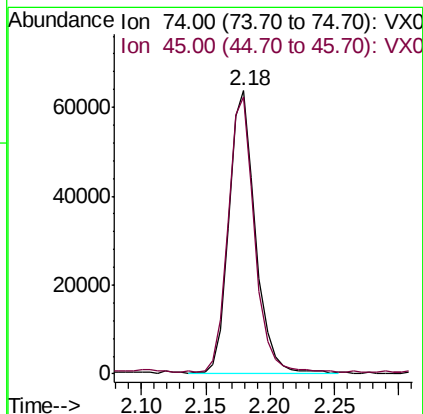
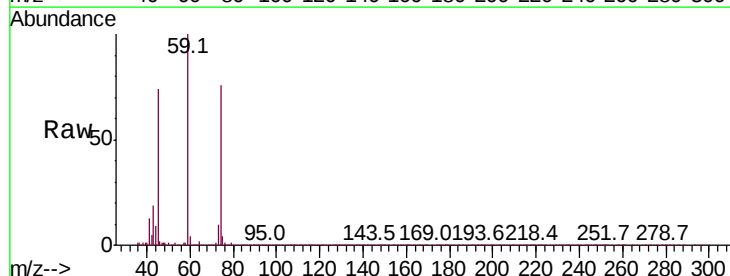
Tot Ion:101 Resp: 191218
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

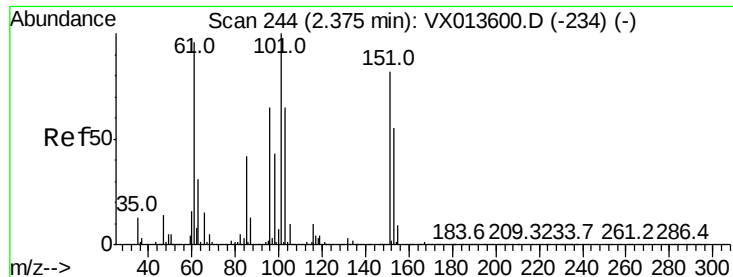


#8

Diethyl Ether
Concen: 19.902 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 74 Resp: 90665
Ion Ratio Lower Upper
74 100
45 99.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.341 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

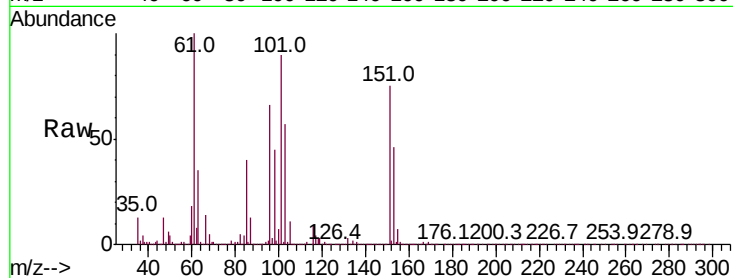
Tot Ion:101 Resp: 118962

Ion Ratio Lower Upper

101 100

85 41.6 33.9 50.9

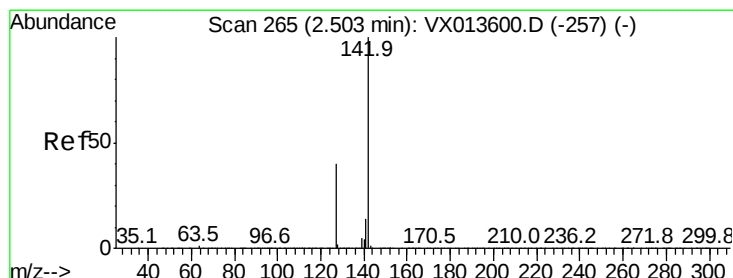
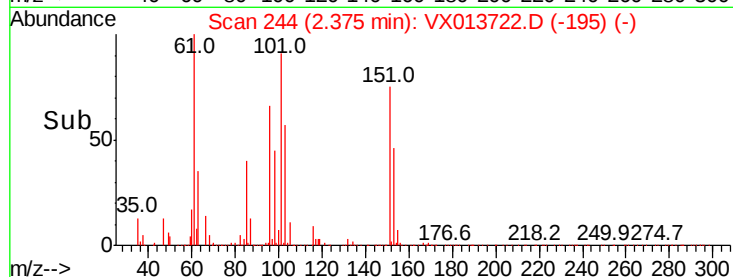
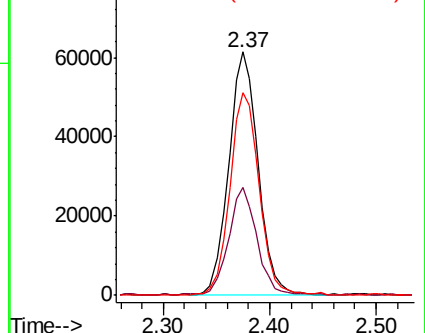
151 83.4 64.2 96.2



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: 16.707 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

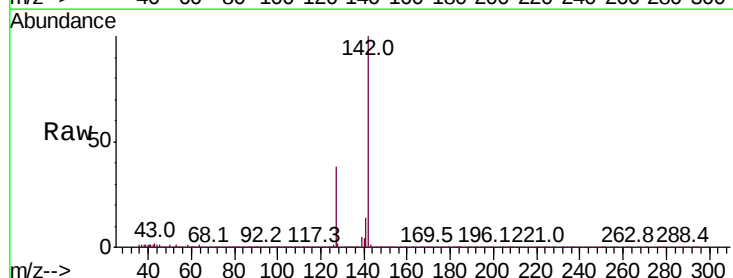
Tgt Ion:142 Resp: 124305

Ion Ratio Lower Upper

142 100

127 39.1 31.0 46.4

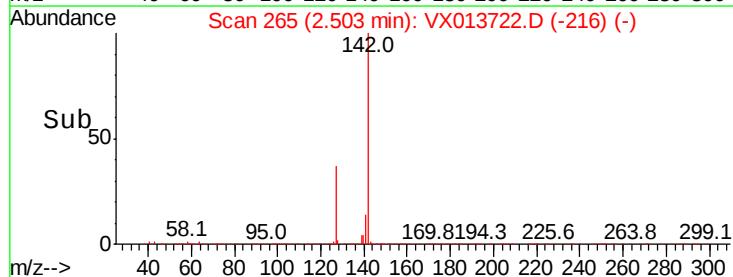
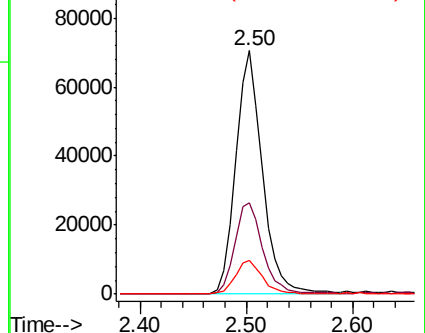
141 14.1 11.6 17.4

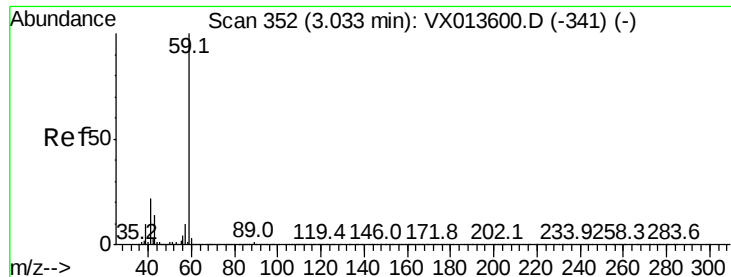


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

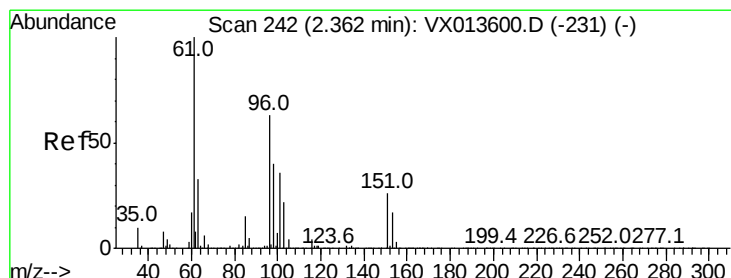
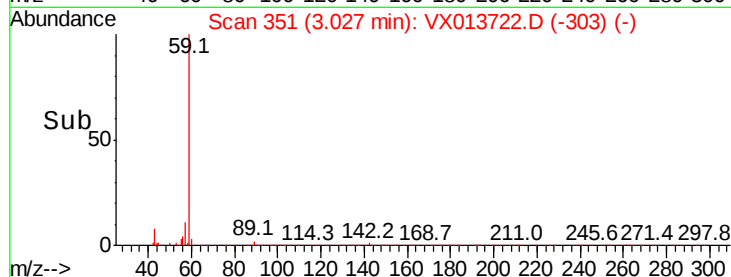
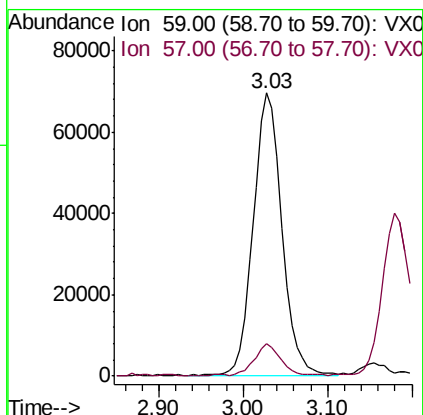
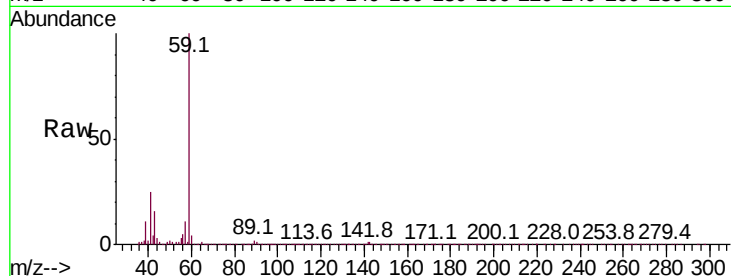




#11
Tert butyl alcohol
Concen: 87.148 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

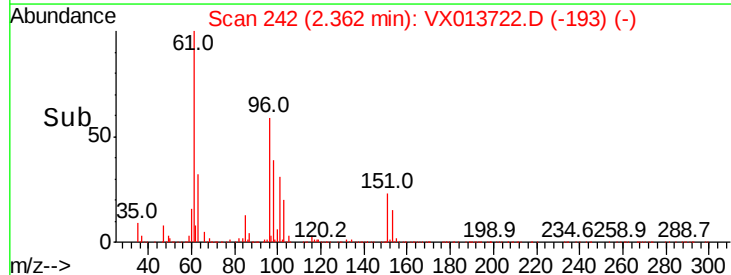
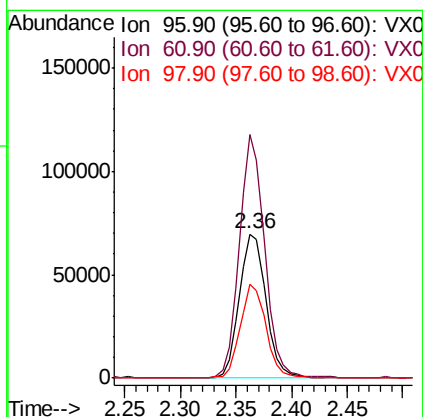
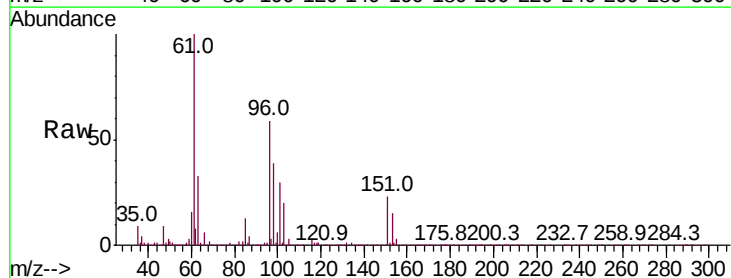
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

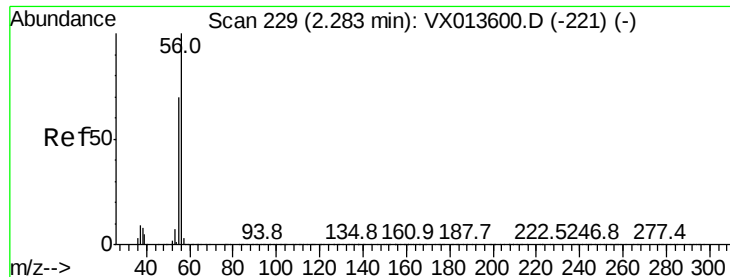
Tot Ion: 59 Resp: 161085
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.772 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 96 Resp: 115251
Ion Ratio Lower Upper
96 100
61 169.0 126.6 190.0
98 65.3 50.6 76.0

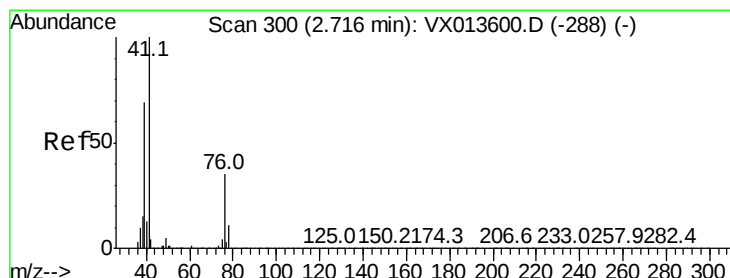
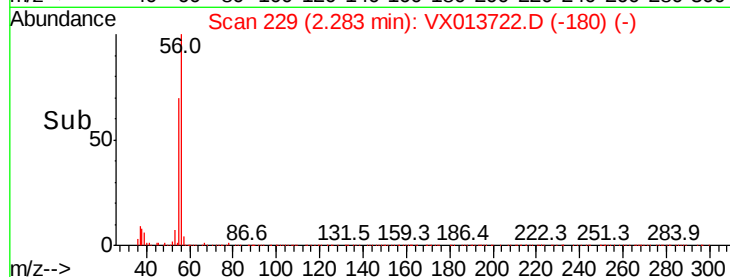
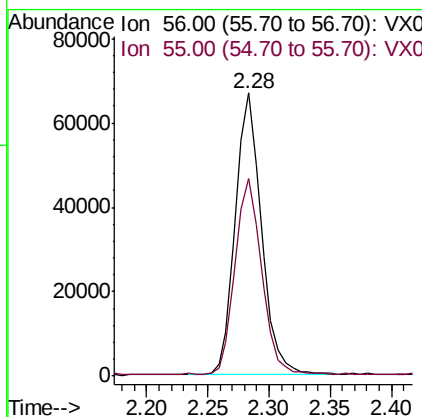
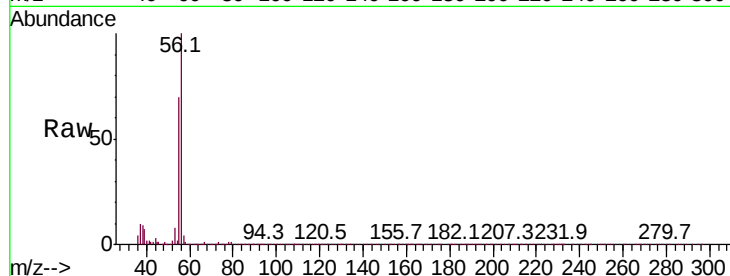




#13
Acrolein
Concen: 84.244 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

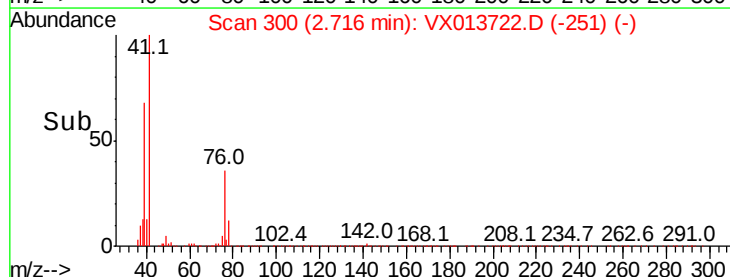
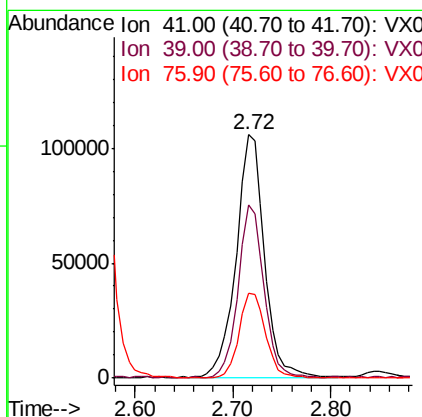
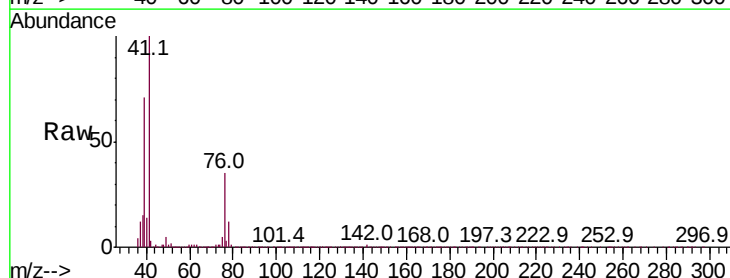
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

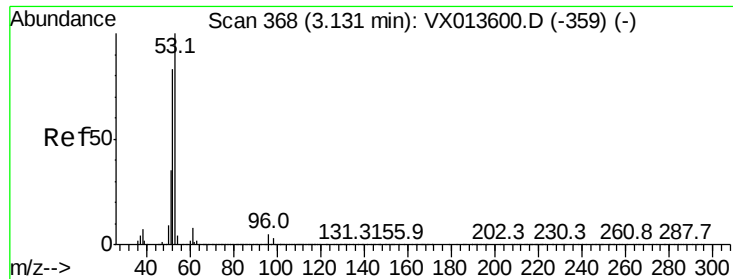
Tot Ion: 56 Resp: 99097
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4



#14
Allyl chloride
Concen: 18.957 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 41 Resp: 211213
Ion Ratio Lower Upper
41 100
39 64.5 51.7 77.5
76 32.3 25.9 38.9

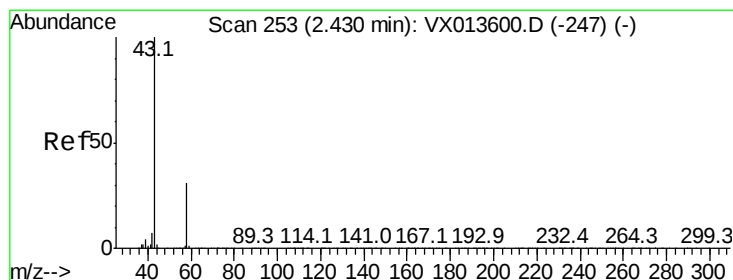
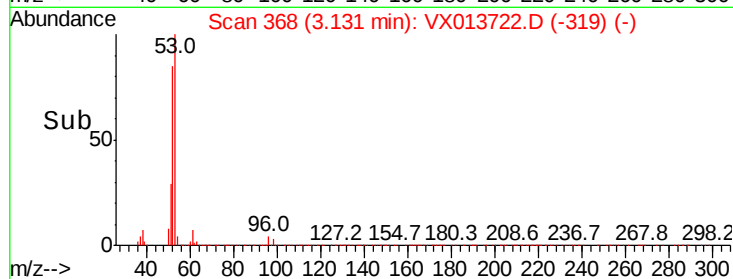
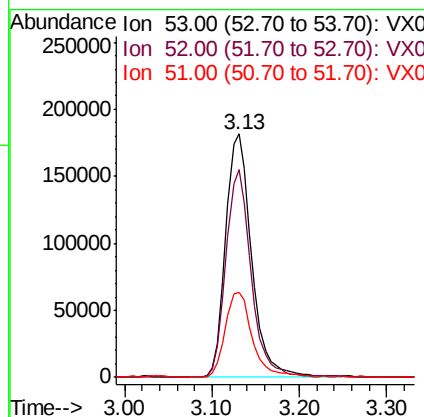
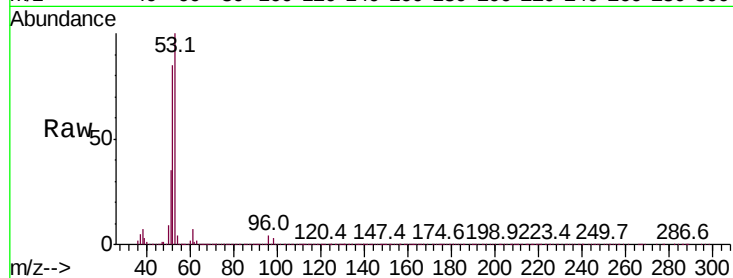




#15
 Acrylonitrile
 Concen: 97.894 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

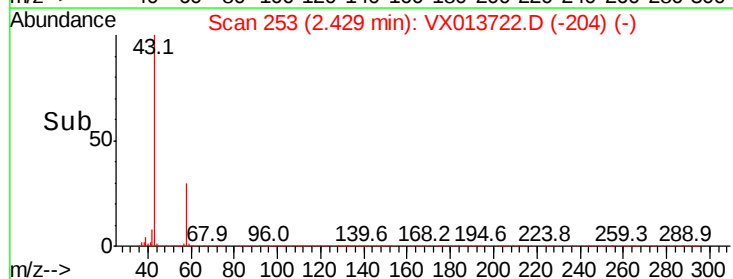
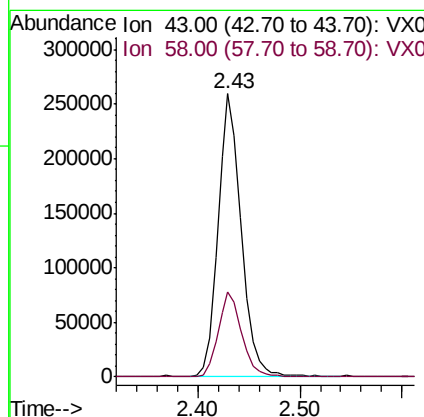
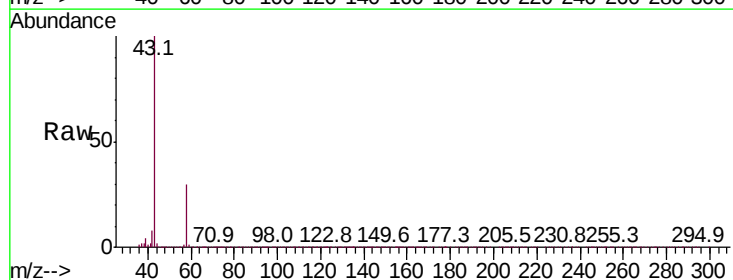
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

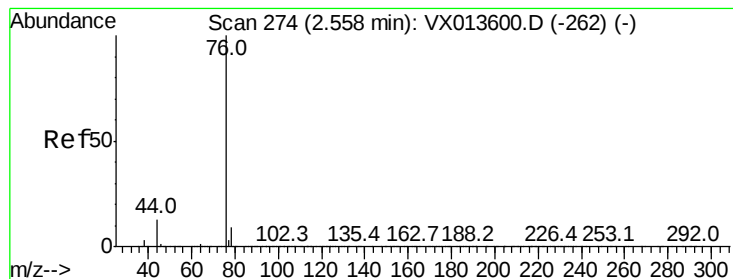
Tot Ion:	53	Resp:	373507
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.2	29.0	43.6



#16
 Acetone
 Concen: 110.618 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion:	43	Resp:	408973
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.6	36.8





#17

Carbon Disulfide

Concen: 17.514 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

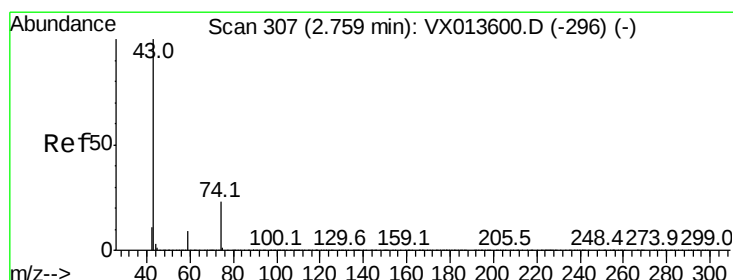
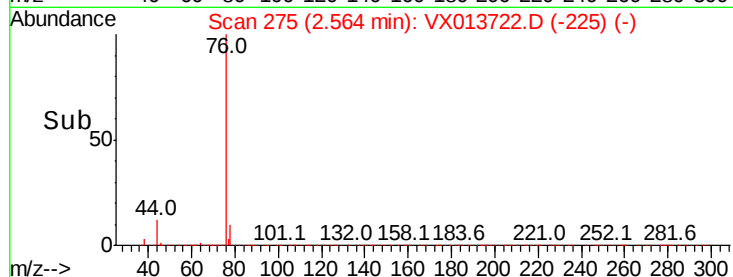
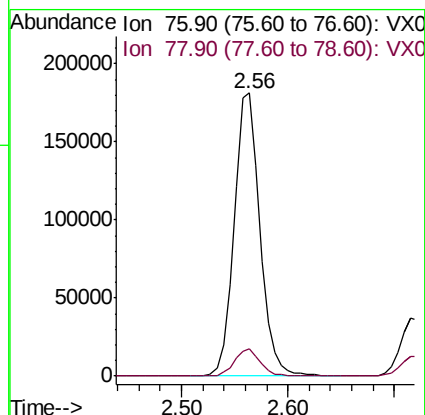
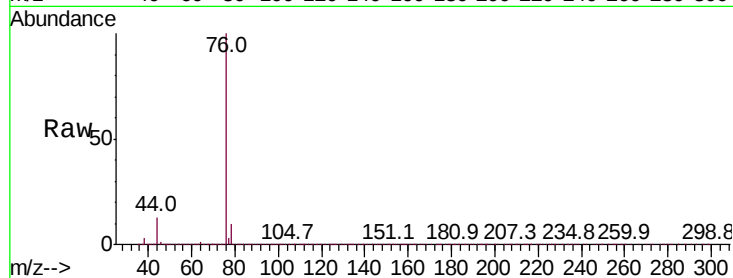
VX1203MBS01

Tot Ion: 76 Resp: 306534

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#18

Methyl Acetate

Concen: 20.833 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013722.D

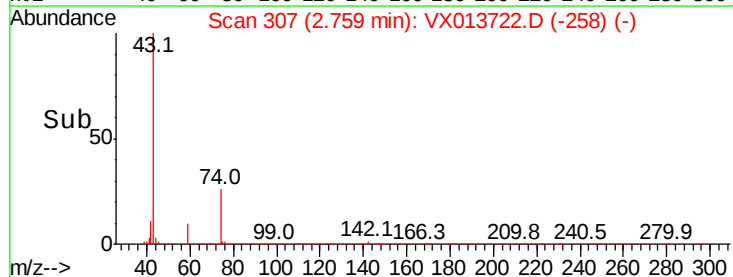
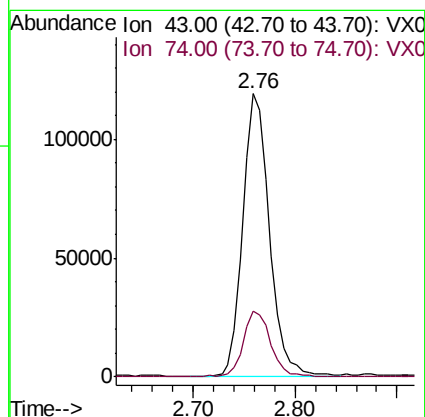
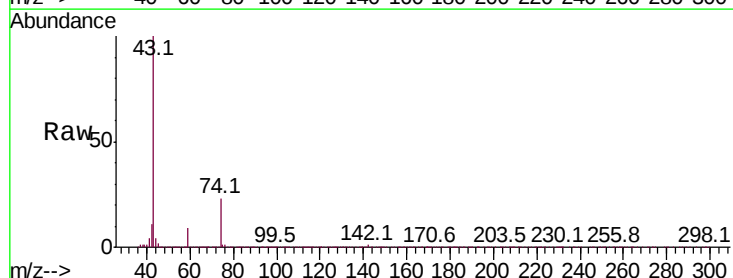
Acq: 03 Dec 2019 14:14

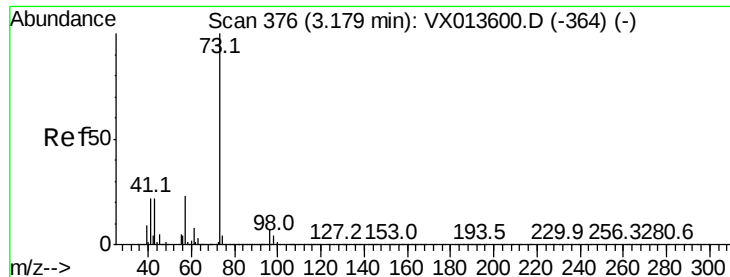
Tgt Ion: 43 Resp: 214482

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3



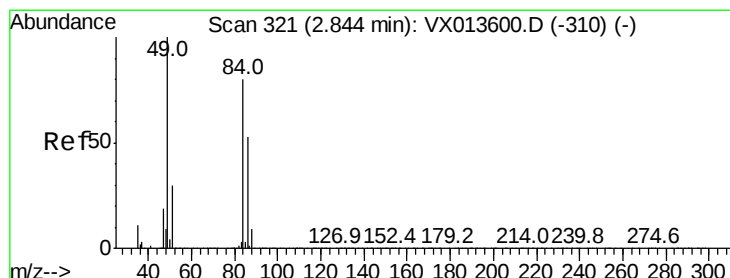
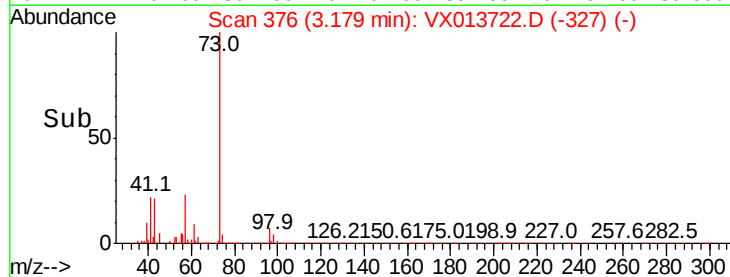
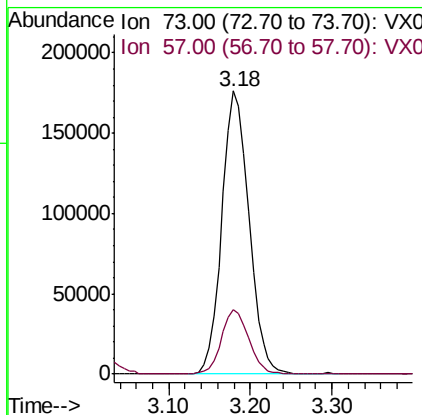
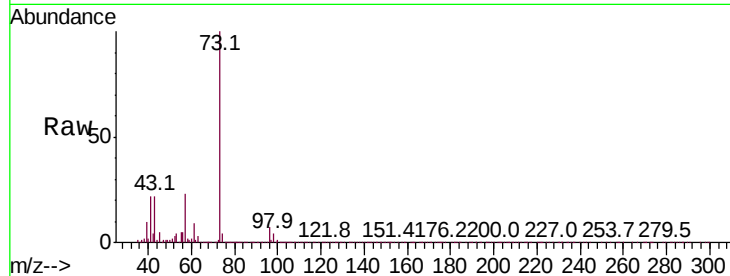


#19

Methyl tert-butyl Ether
 Concen: 19.877 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

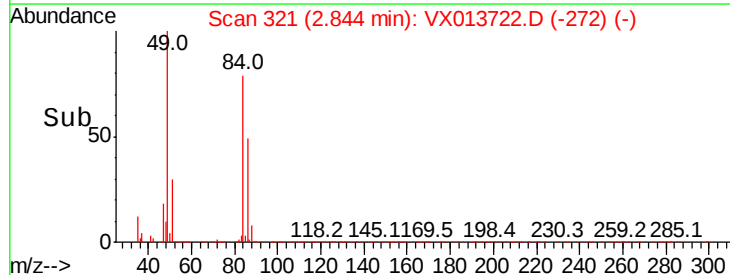
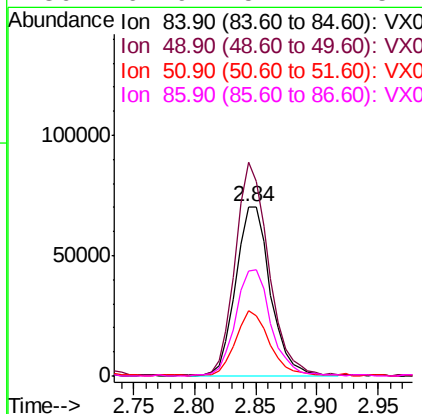
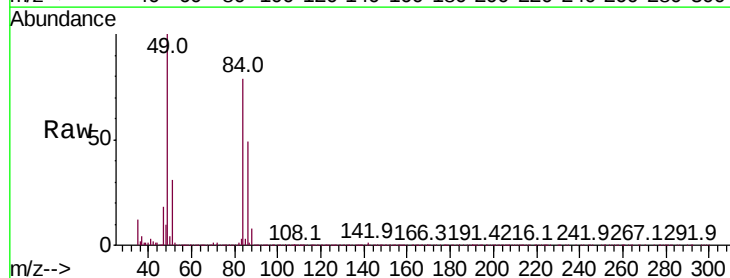
Tot Ion: 73 Resp: 404268
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.3 27.5

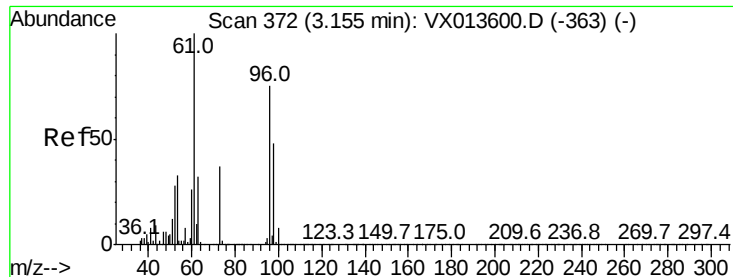


#20

Methylene Chloride
 Concen: 19.514 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion: 84 Resp: 138605
 Ion Ratio Lower Upper
 84 100
 49 125.9 99.7 149.5
 51 38.3 29.9 44.9
 86 61.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.884 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

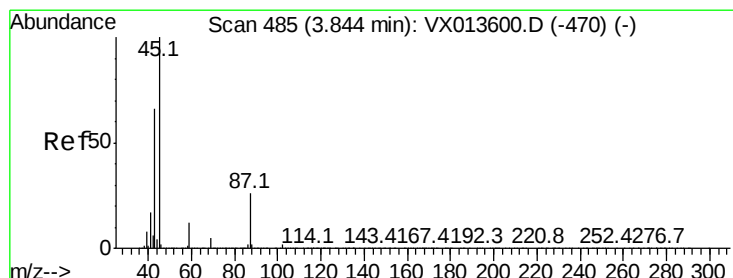
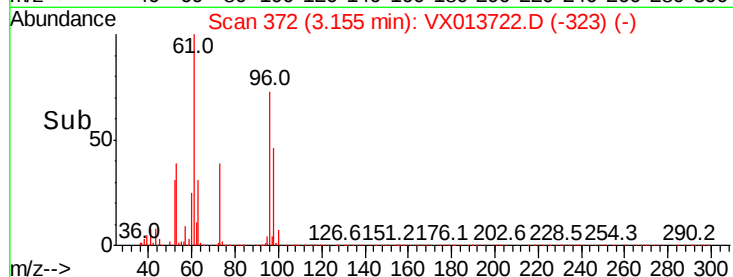
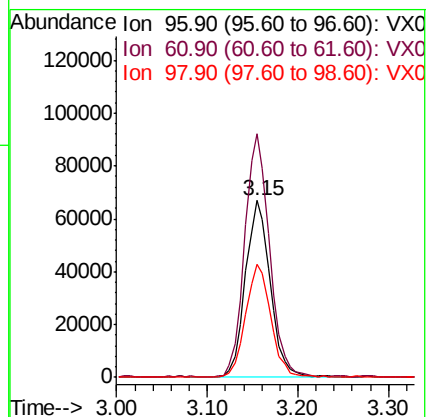
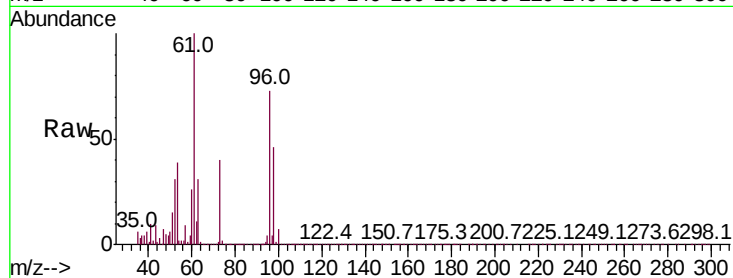
Tot Ion: 96 Resp: 126301

Ion Ratio Lower Upper

96 100

61 137.8 107.2 160.8

98 63.7 51.4 77.0



#22

Diisopropyl ether

Concen: 20.321 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion: 45 Resp: 435956

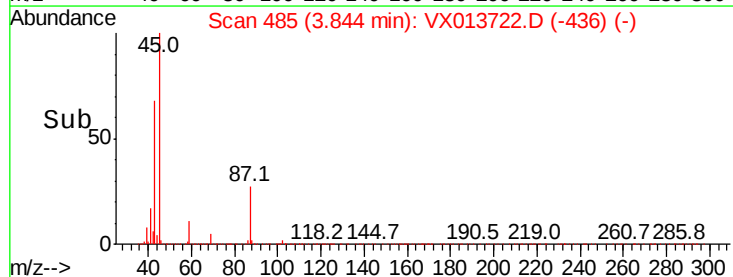
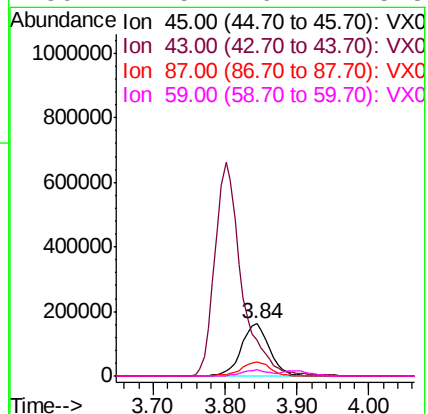
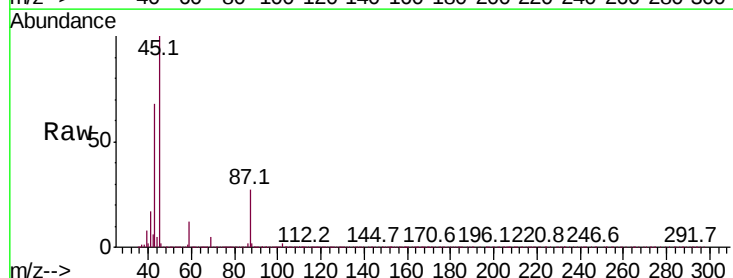
Ion Ratio Lower Upper

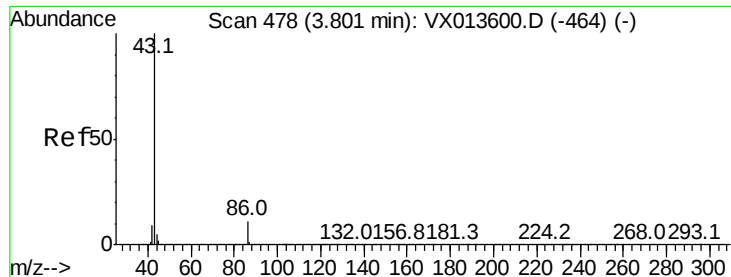
45 100

43 67.3 52.6 79.0

87 26.6 21.1 31.7

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 95.799 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

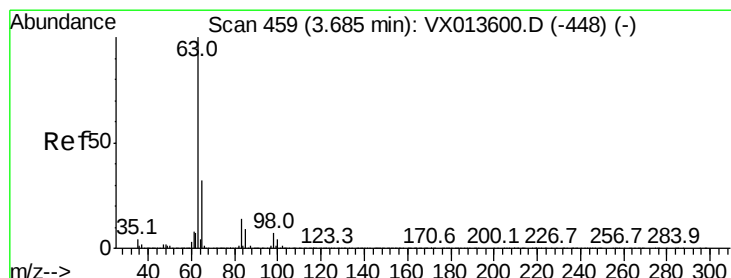
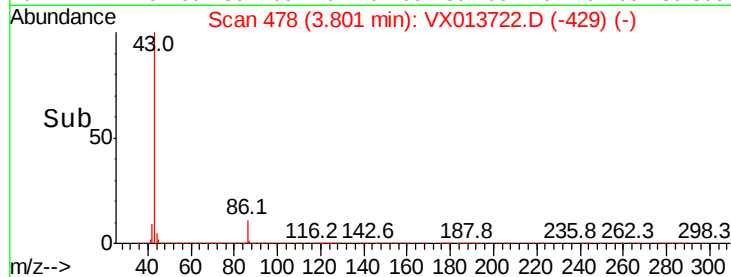
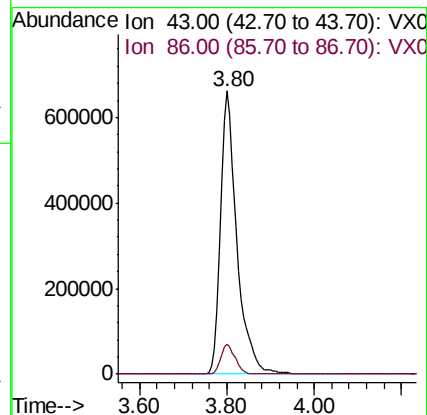
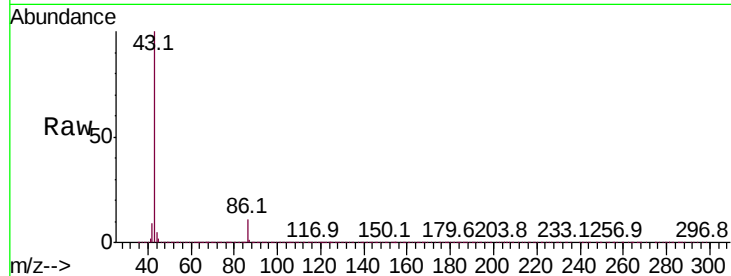
VX1203MBS01

Tot Ion: 43 Resp: 1709733

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.563 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

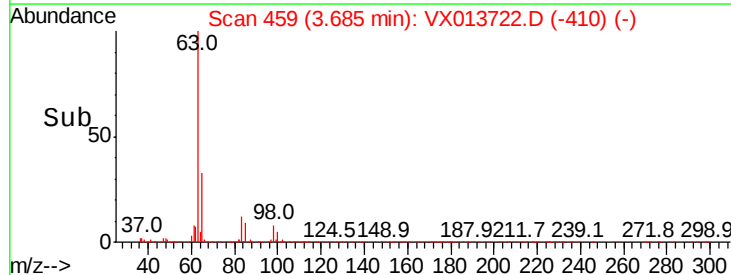
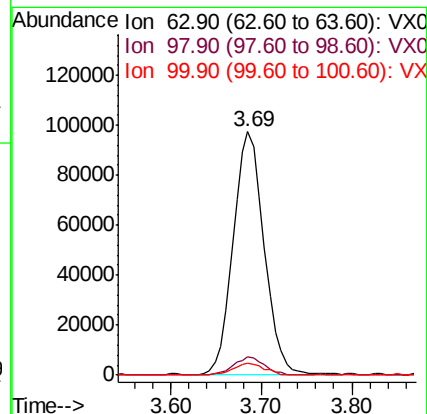
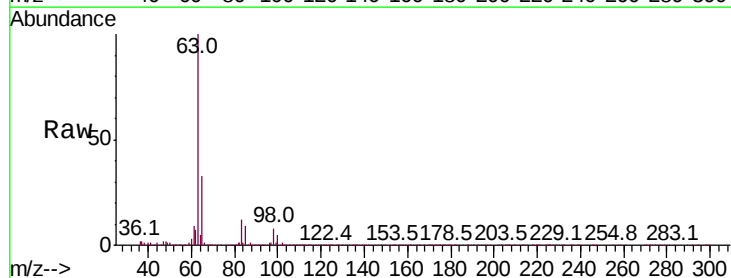
Tgt Ion: 63 Resp: 229433

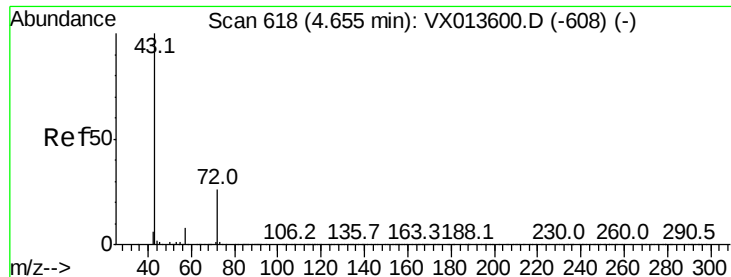
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 102.643 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

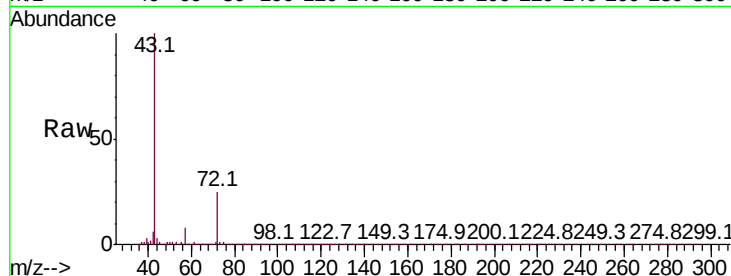
VX1203MBS01

Tot Ion: 43 Resp: 563989

Ion Ratio Lower Upper

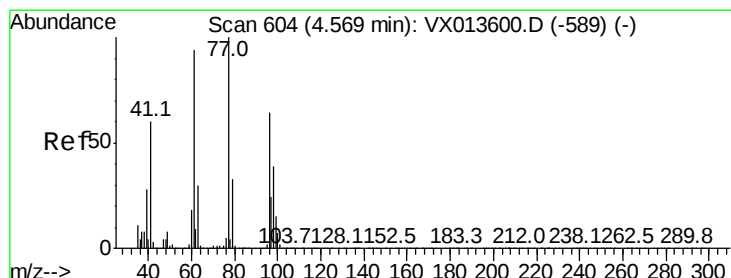
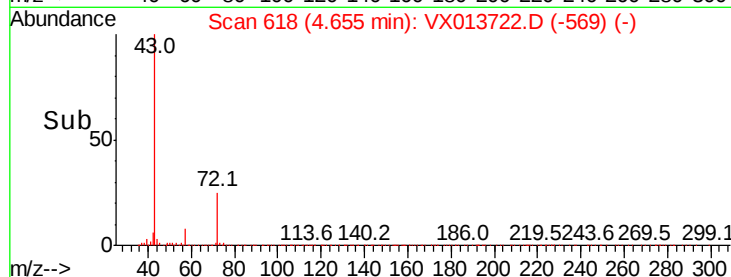
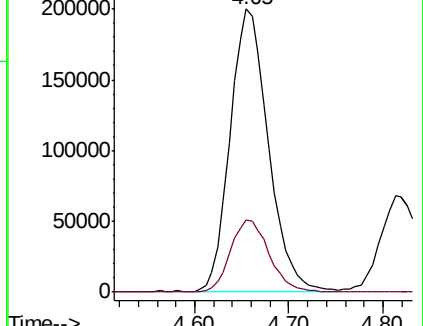
43 100

72 25.0 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.381 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013722.D

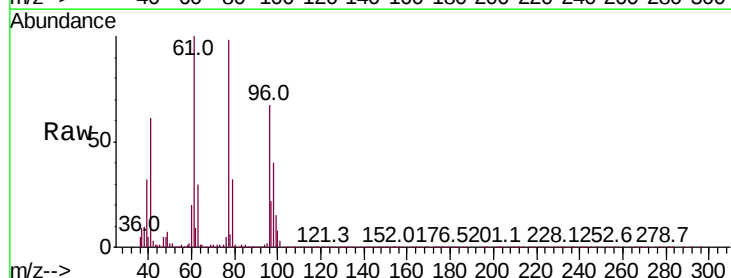
Acq: 03 Dec 2019 14:14

Tgt Ion: 77 Resp: 178356

Ion Ratio Lower Upper

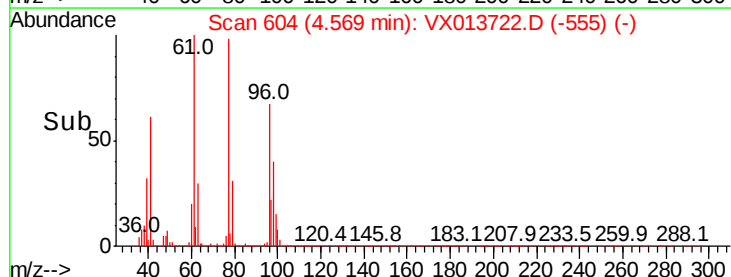
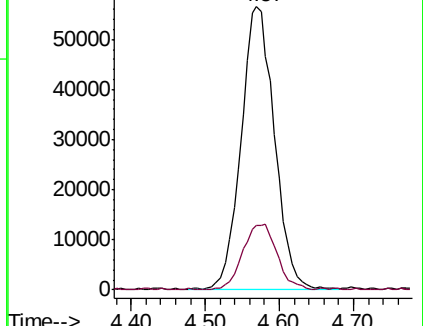
77 100

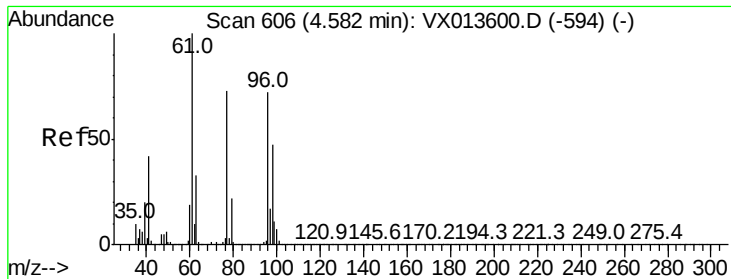
97 23.2 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



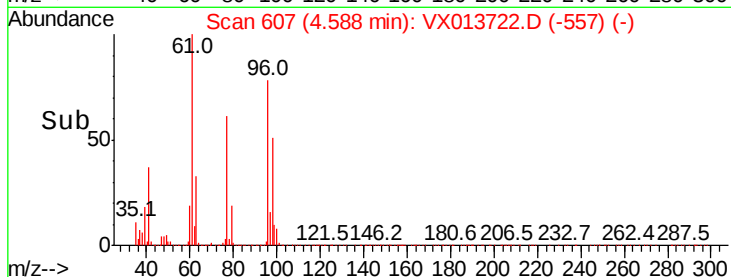
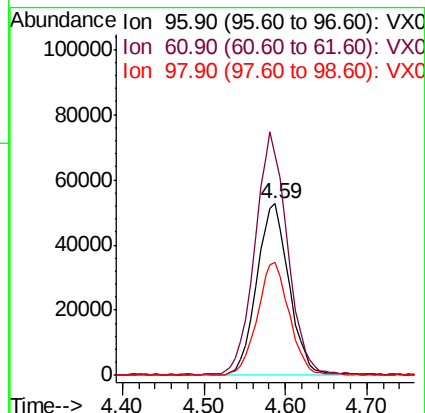
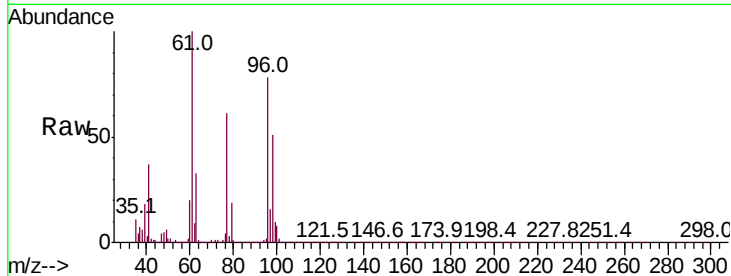


#27

cis-1,2-Dichloroethene
Concen: 18.909 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

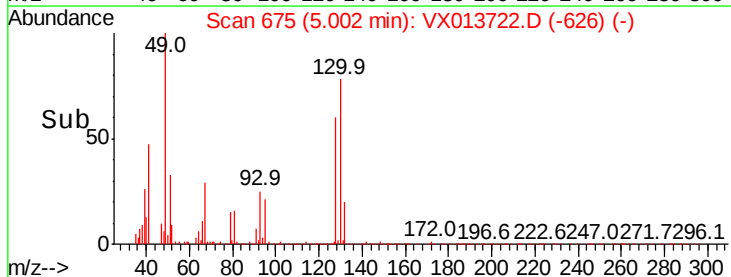
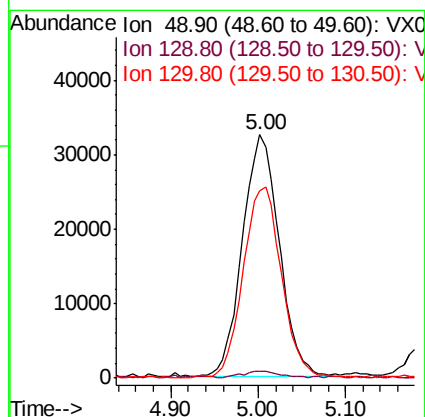
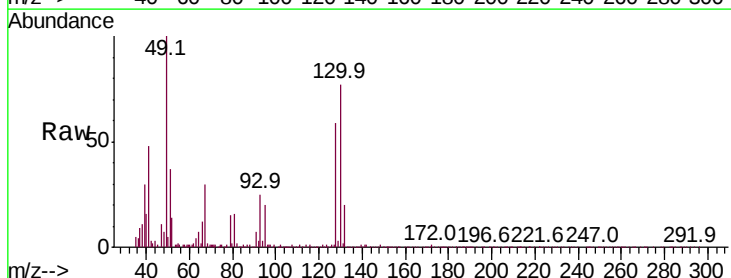
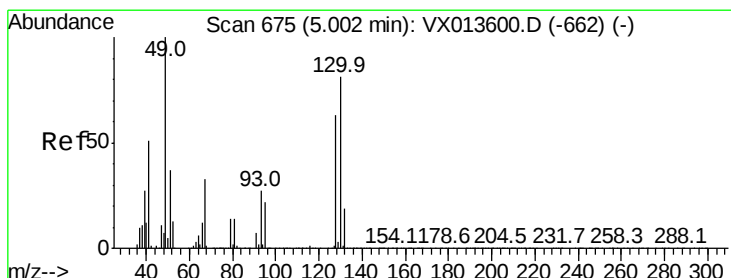
Tot Ion	96	Resp	145238
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.4
98	64.3	0.0	127.4

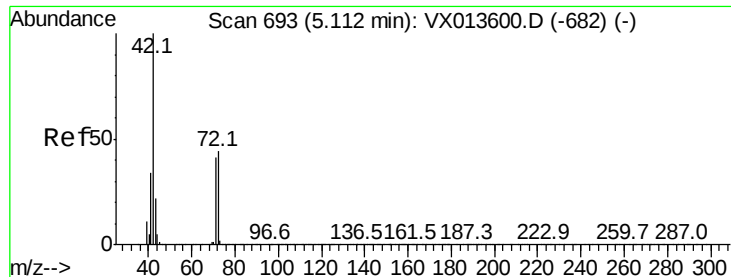


#28

Bromochloromethane
Concen: 20.545 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	49	Resp	95251
Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	81.8	65.4	98.0

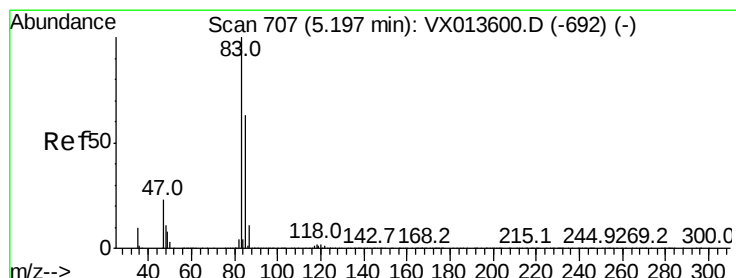
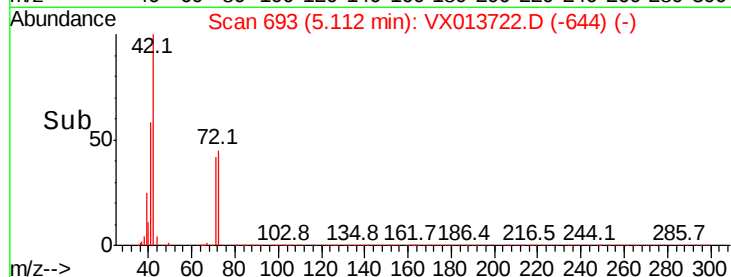
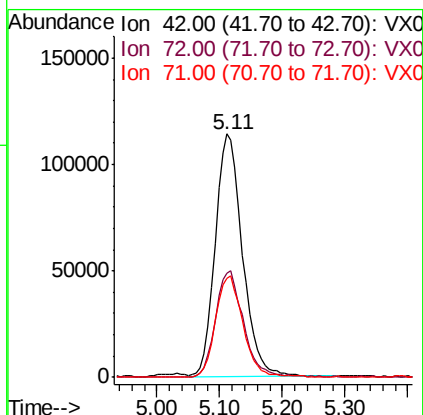
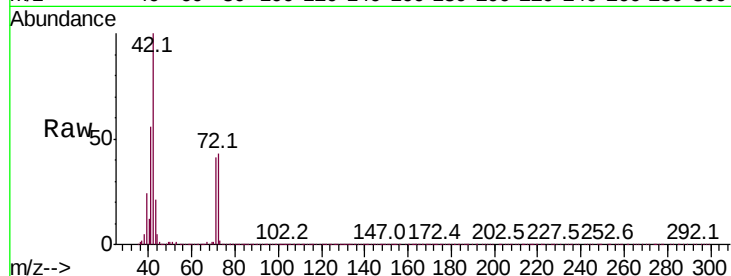




#29
Tetrahydrofuran
Concen: 100.991 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

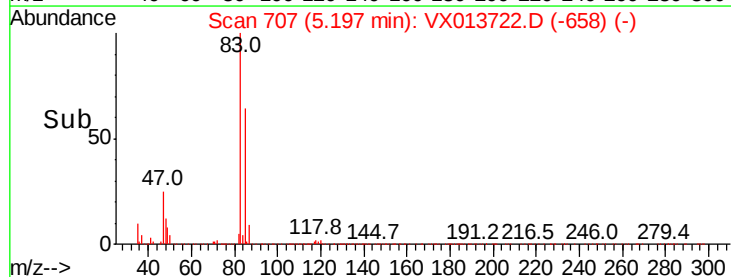
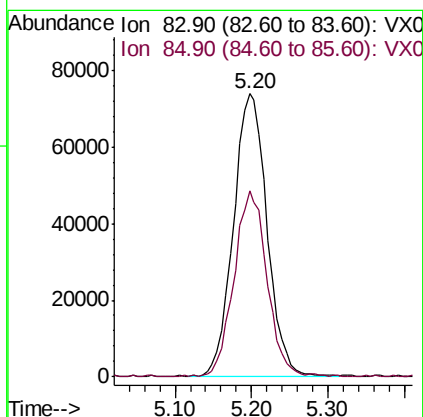
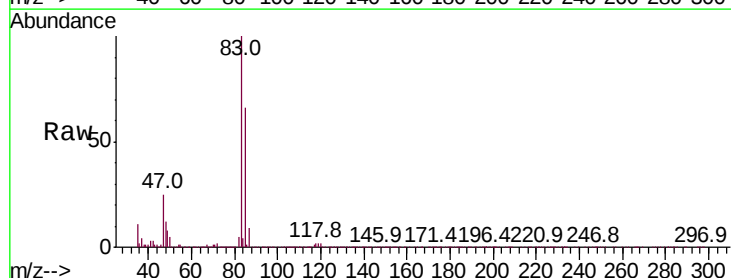
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

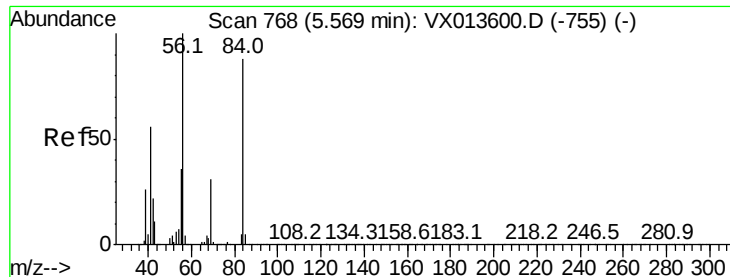
Tot Ion: 42 Resp: 342088
Ion Ratio Lower Upper
42 100
72 44.7 36.3 54.5
71 42.4 33.2 49.8



#30
Chloroform
Concen: 18.711 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 83 Resp: 222546
Ion Ratio Lower Upper
83 100
85 65.8 50.2 75.4

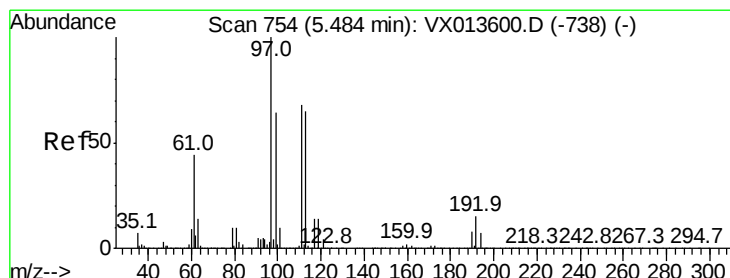
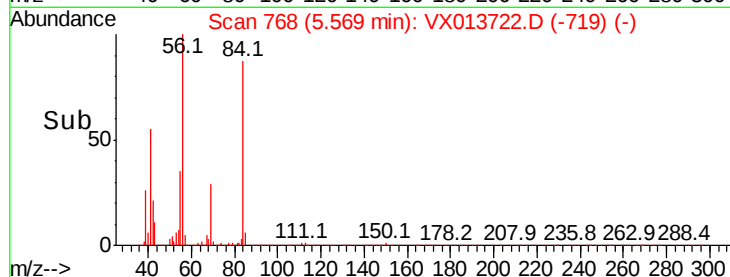
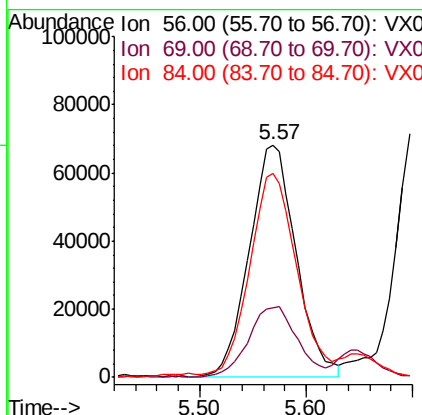
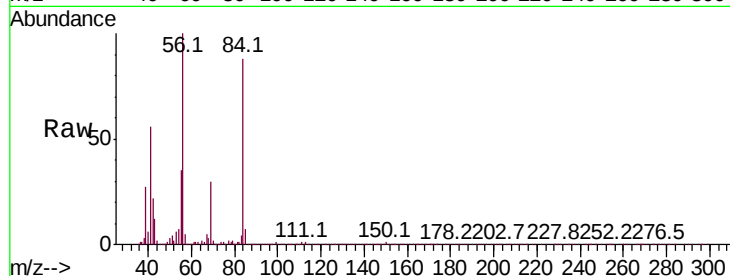




#31
Cyclohexane
Concen: 18.805 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

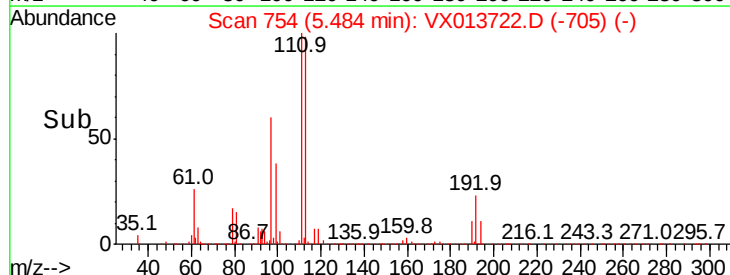
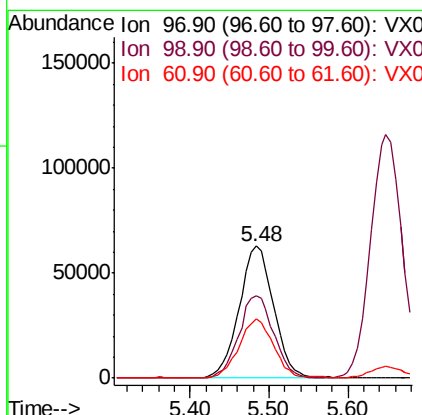
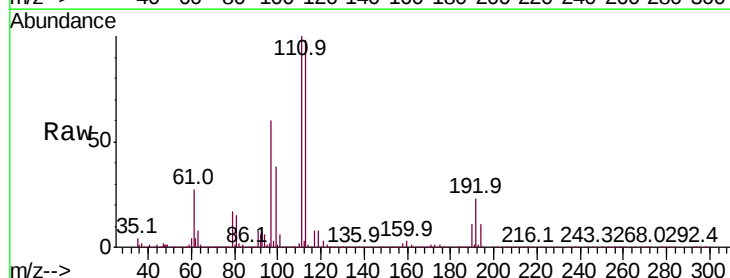
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

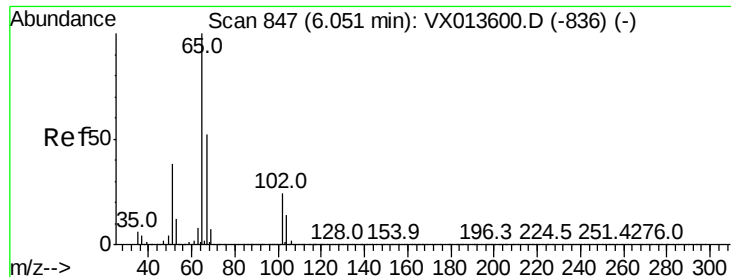
Tot Ion: 56 Resp: 208020
Ion Ratio Lower Upper
56 100
69 29.6 24.6 36.8
84 86.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.141 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 97 Resp: 190246
Ion Ratio Lower Upper
97 100
99 62.7 51.6 77.4
61 44.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.930 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

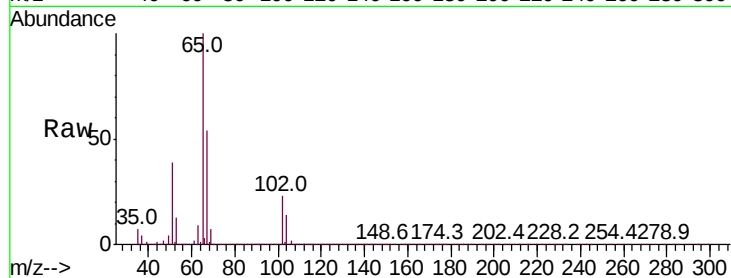
VX1203MBS01

Tot Ion: 65 Resp: 351431

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

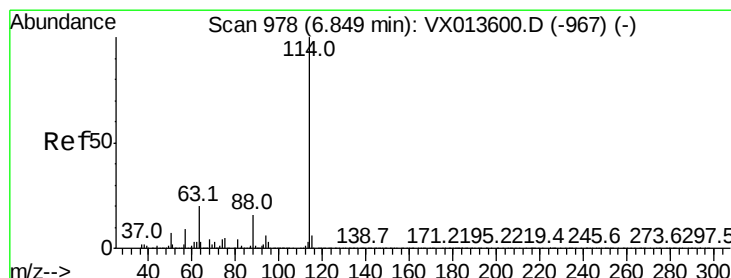
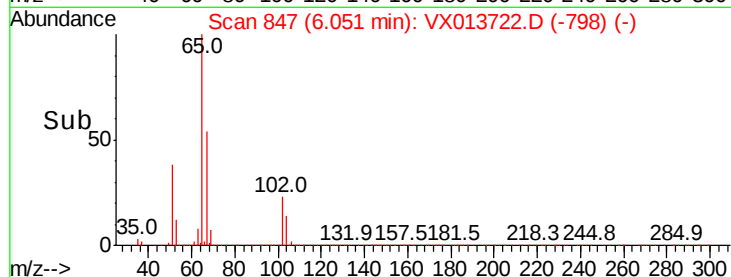
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

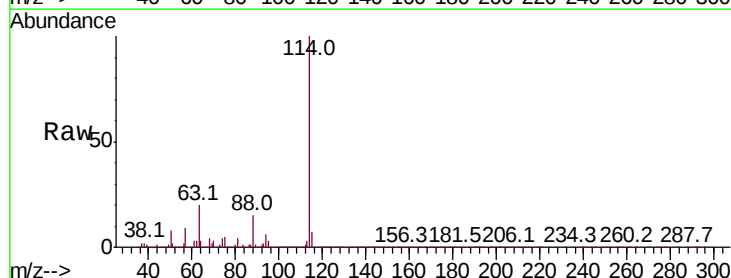
Tgt Ion: 114 Resp: 970367

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

300000

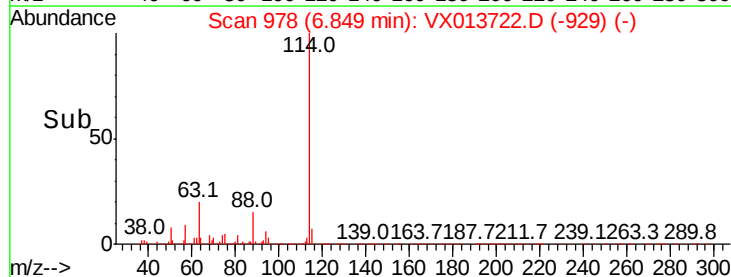
200000

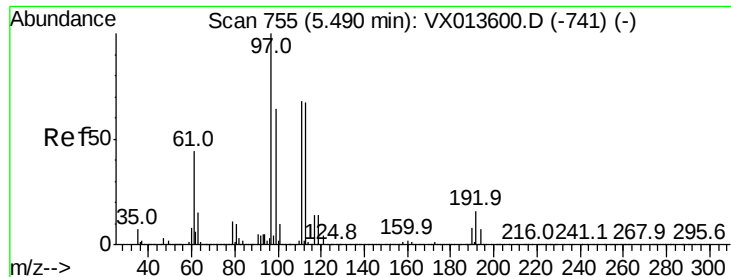
100000

0

Time-->

6.70 6.80 6.90

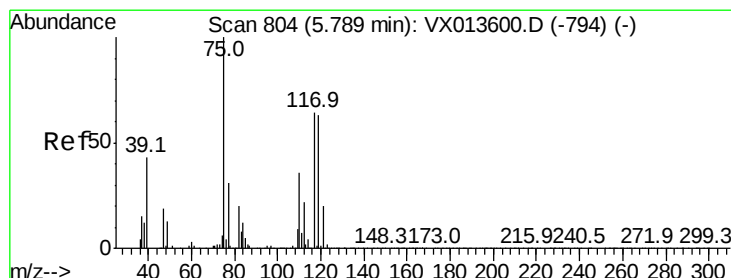
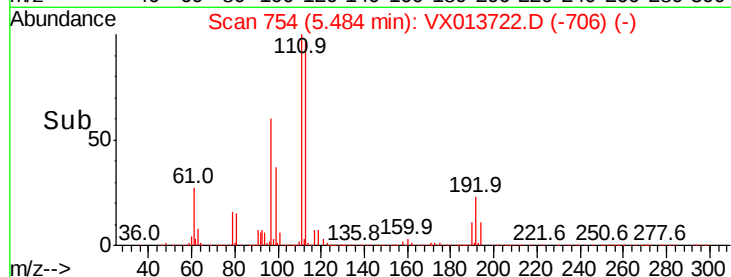
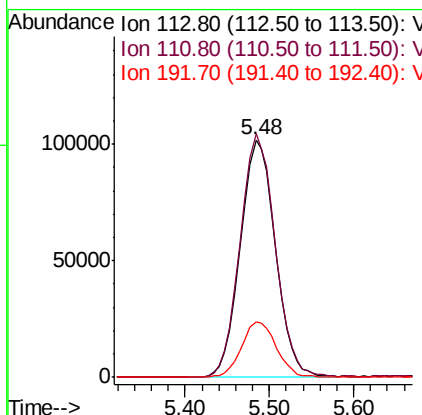
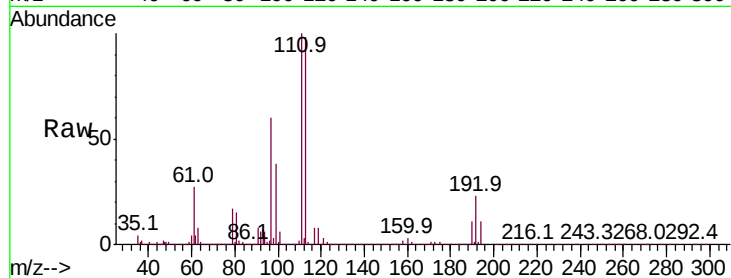




#35
Dibromofluoromethane
Concen: 47.864 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

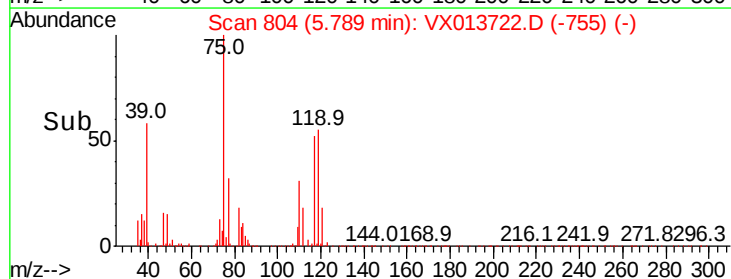
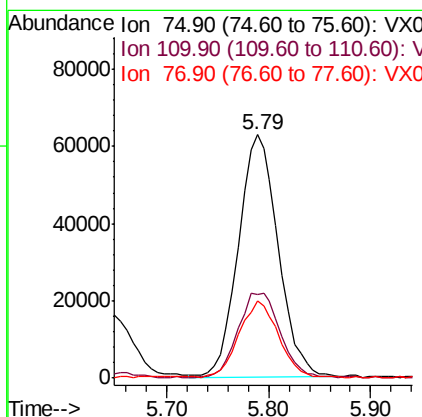
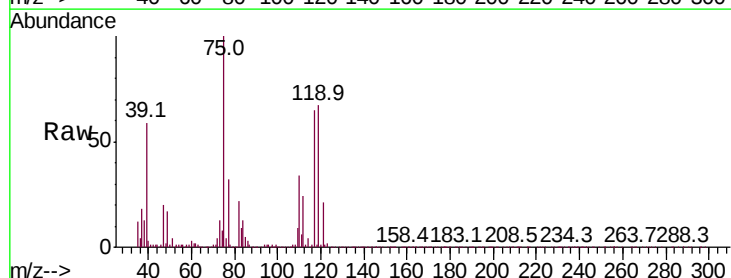
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

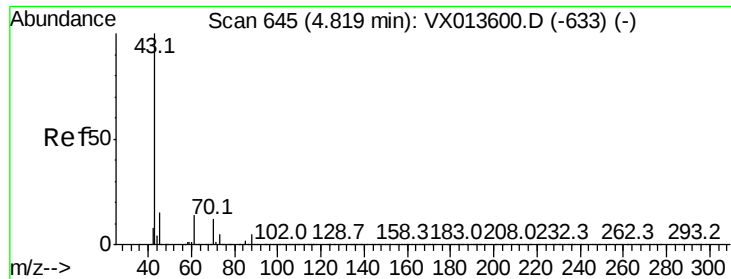
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.6	125.4
192	23.6	19.2	28.8



#36
1,1-Dichloropropene
Concen: 19.224 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.1	54.1
77	31.1	24.5	36.7

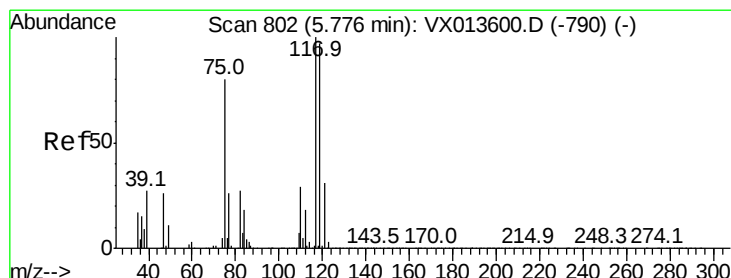
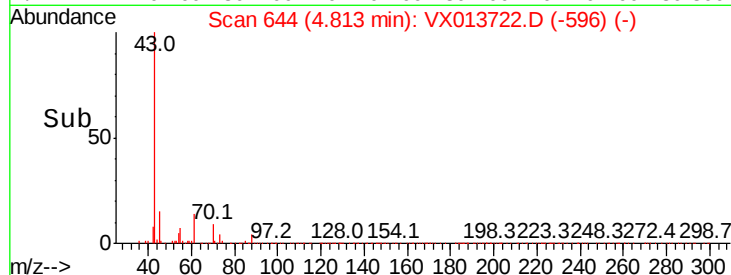
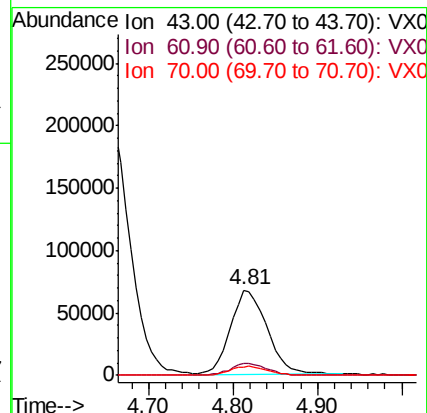
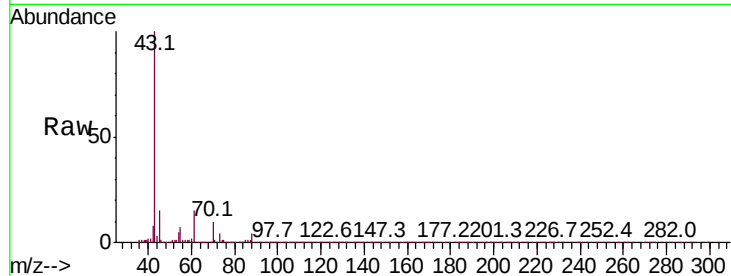




#37
Ethyl Acetate
Concen: 20.317 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

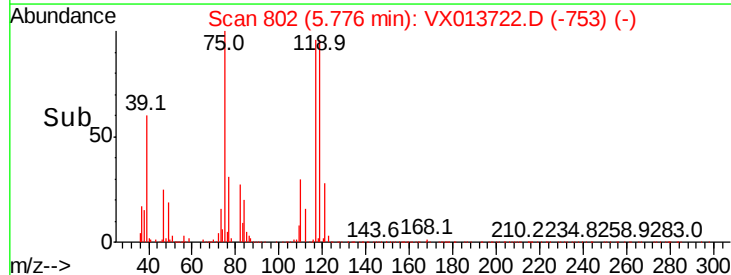
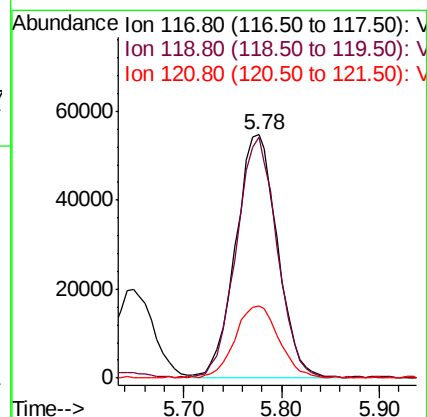
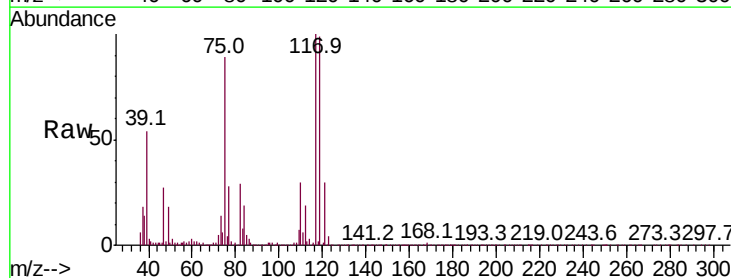
Instrument :
MSVOA_X
ClientSampled :
VX1203MBS01

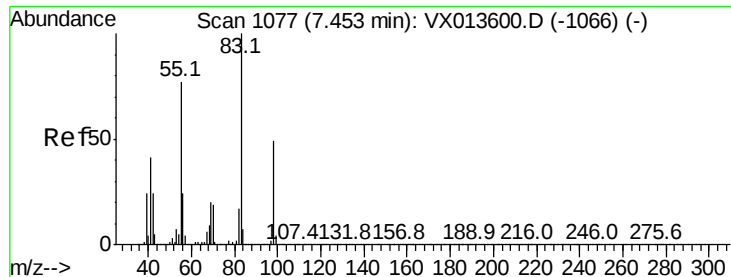
Tot Ion: 43 Resp: 200765
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 11.3 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.778 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 117 Resp: 160645
Ion Ratio Lower Upper
117 100
119 99.2 77.5 116.3
121 29.3 25.0 37.6

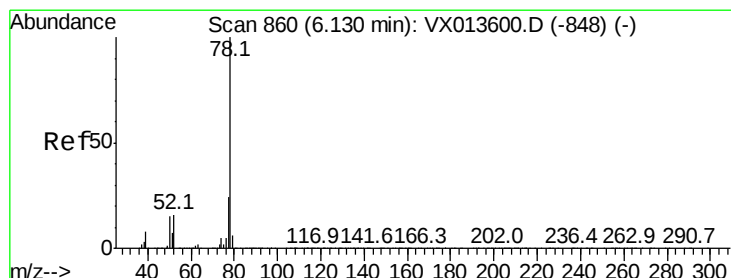
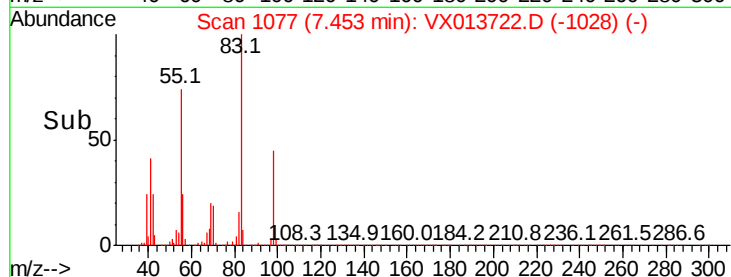
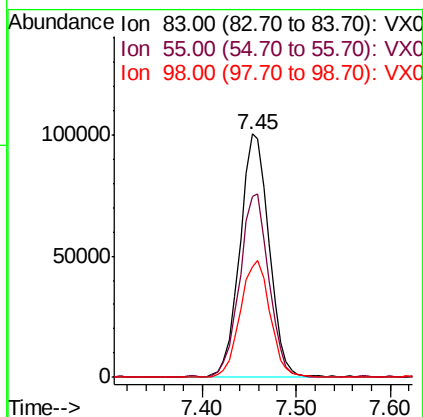
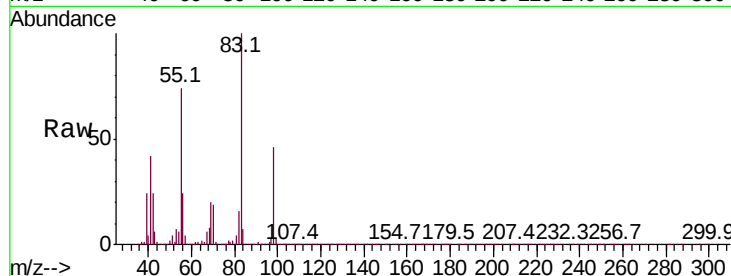




#39
Methvlcvclohexane
Concen: 19.759 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

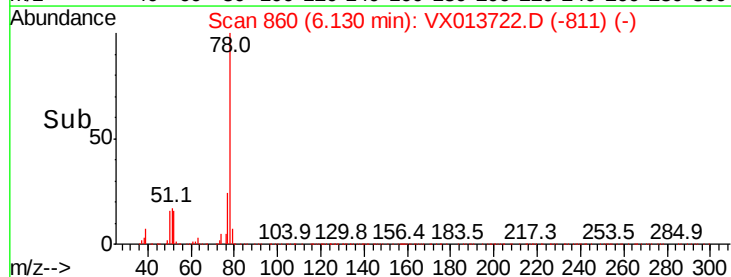
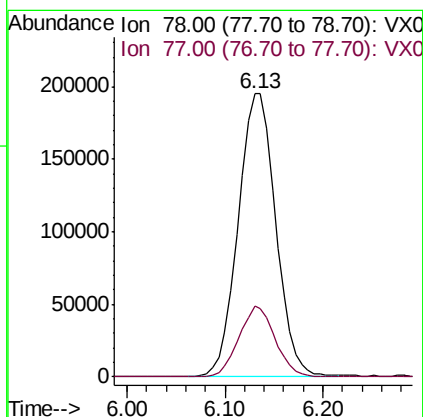
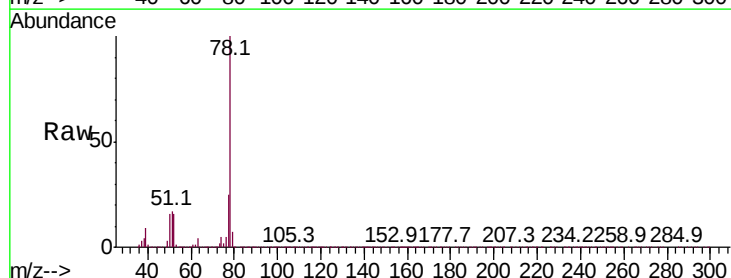
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

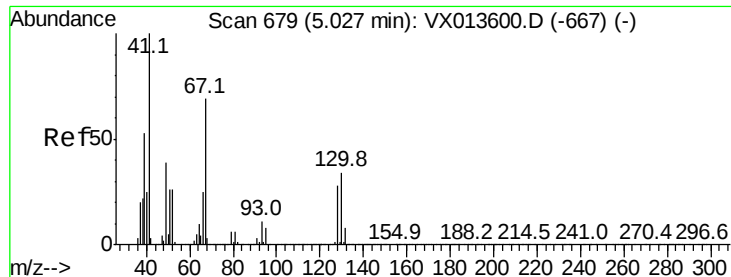
Tot Ion: 83 Resp: 215136
Ion Ratio Lower Upper
83 100
55 73.9 61.9 92.9
98 45.4 39.4 59.0



#40
Benzene
Concen: 19.423 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 78 Resp: 521074
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4





#41

Methacrylonitrile

Concen: 20.309 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 41 Resp: 110064

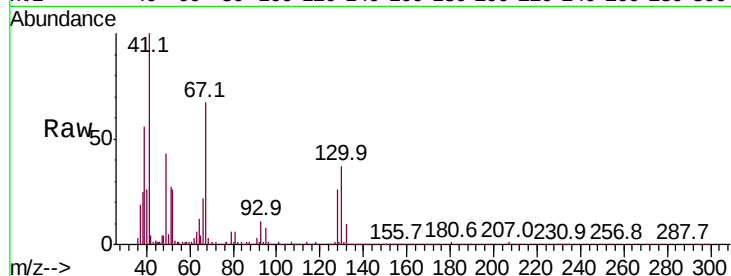
Ion Ratio Lower Upper

41 100

39 54.7 42.9 64.3

67 72.3 57.4 86.0

52 28.5 22.4 33.6

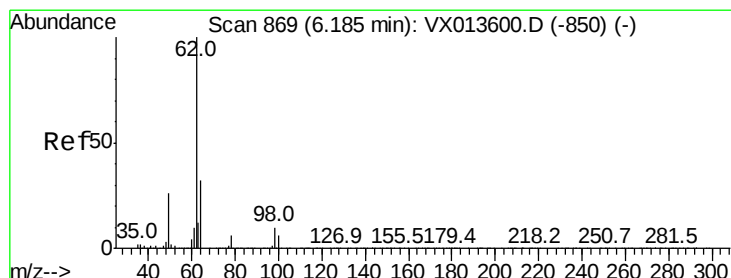
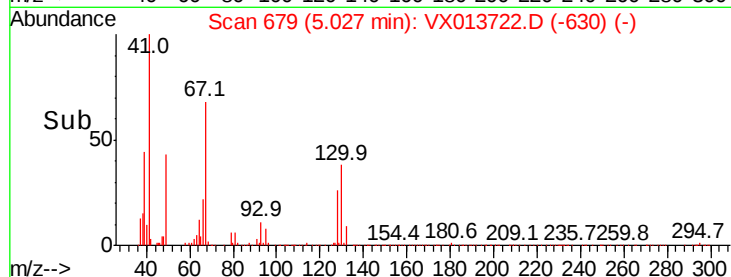
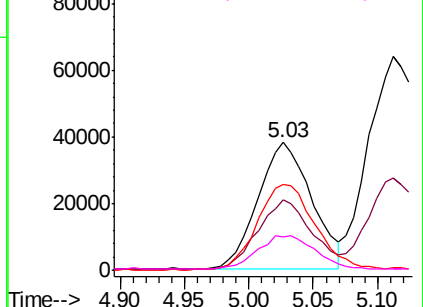


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.216 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013722.D

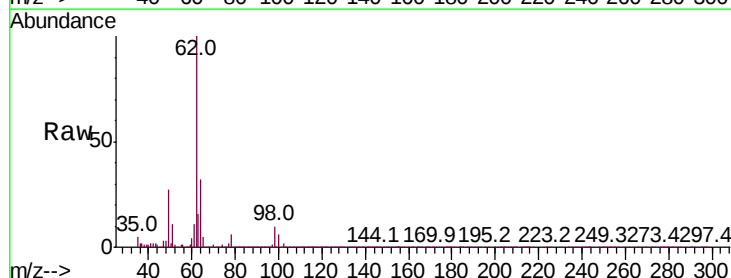
Acq: 03 Dec 2019 14:14

Tgt Ion: 62 Resp: 184965

Ion Ratio Lower Upper

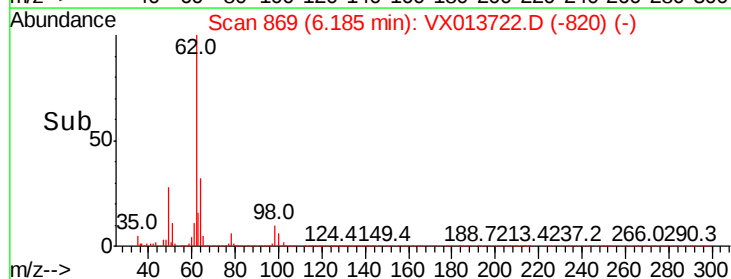
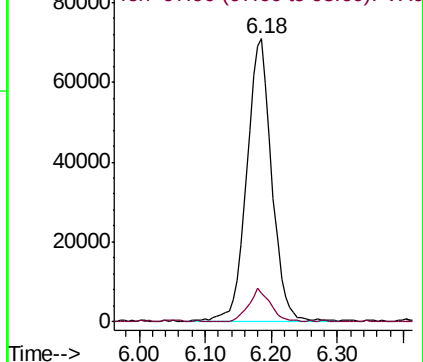
62 100

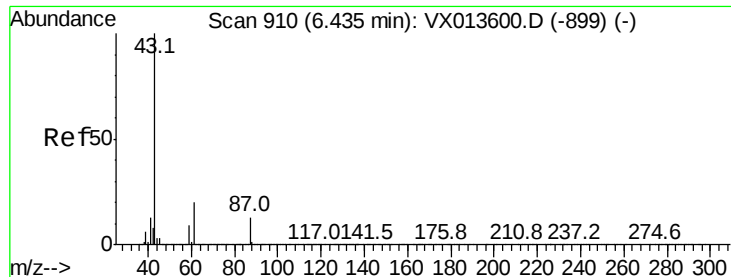
98 10.1 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.045 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

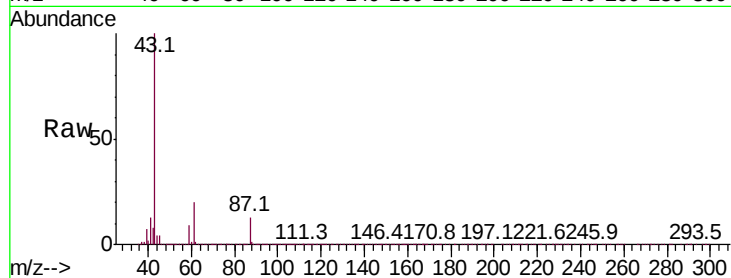
MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 43 Resp: 326110

Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.3	24.5
87	13.4	10.8	16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.43

150000

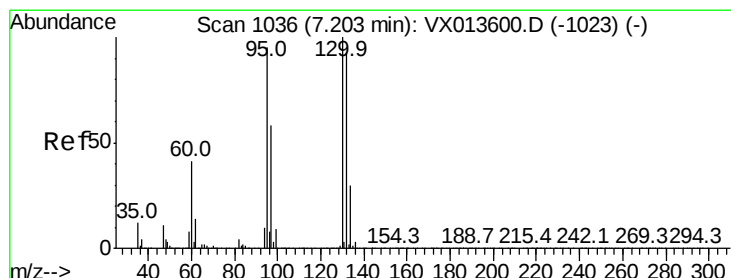
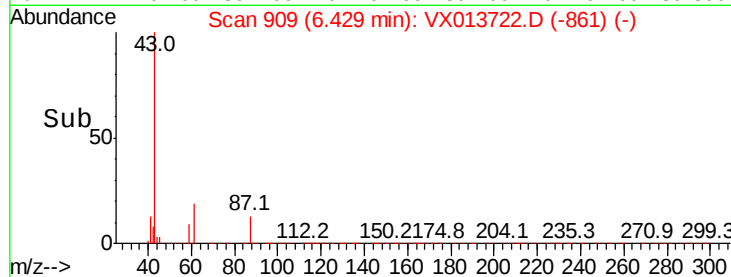
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 19.140 ug/l

RT: 7.20 min Scan# 1036

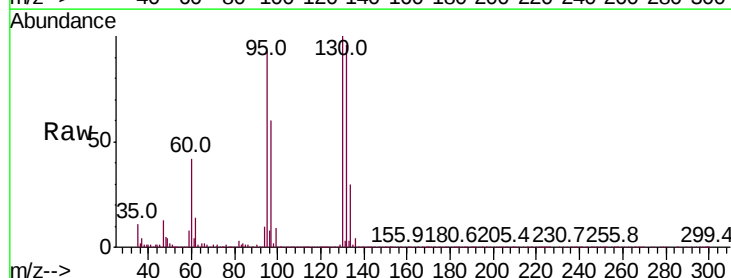
Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion: 130 Resp: 140927

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

60000

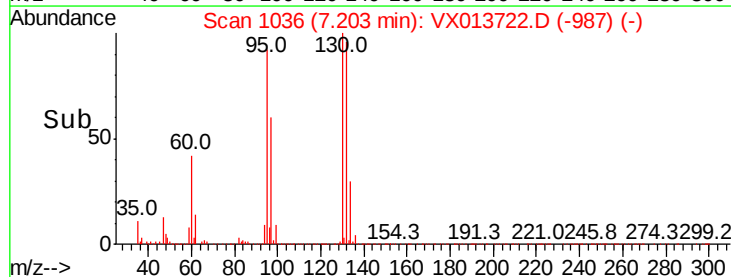
40000

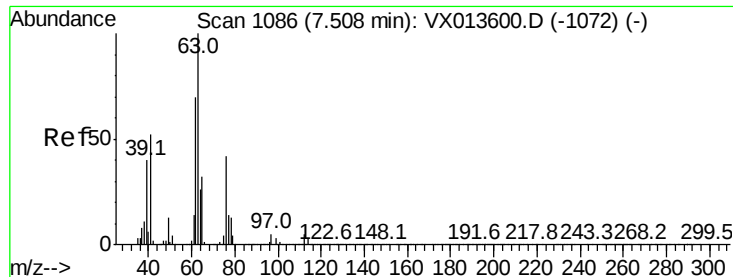
20000

0

7.10 7.20 7.30

Time-->





#45

1,2-Dichloropropane

Concen: 20.311 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

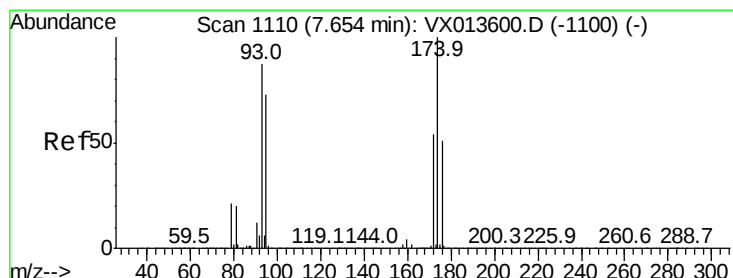
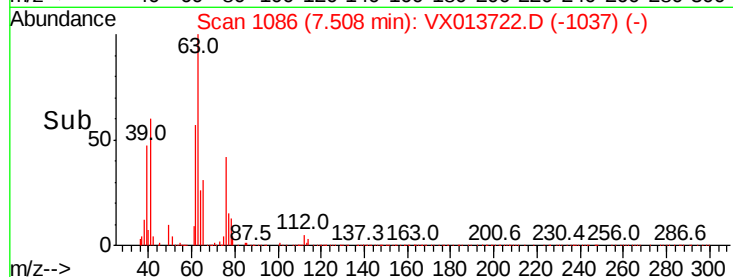
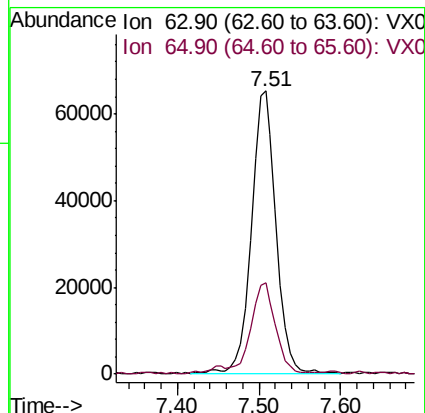
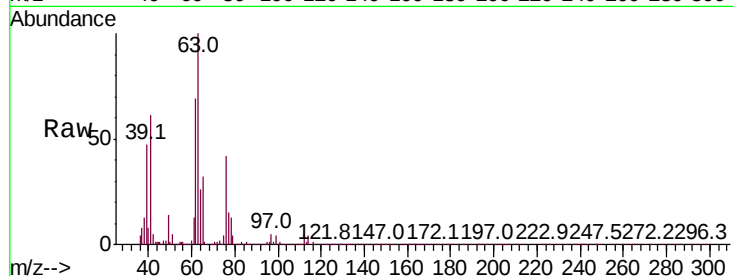
VX1203MBS01

Tot Ion: 63 Resp: 136333

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 19.698 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

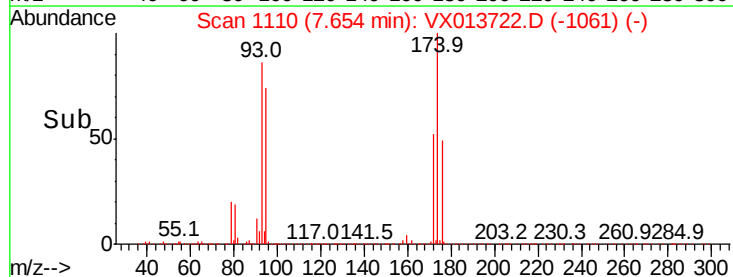
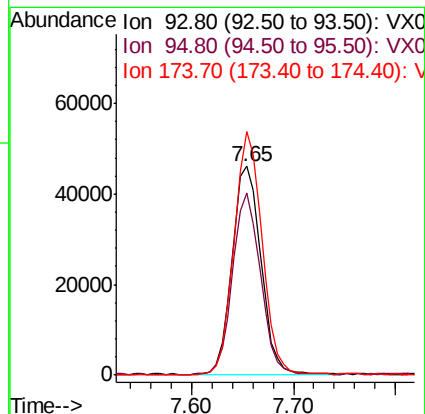
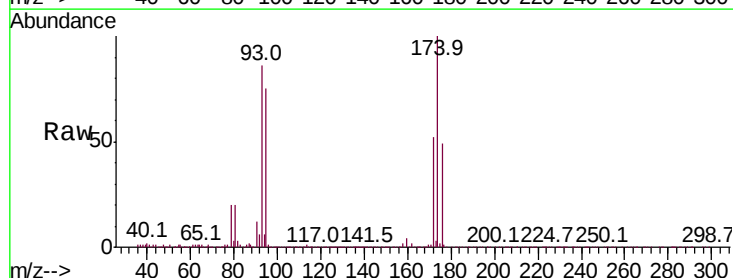
Tgt Ion: 93 Resp: 89799

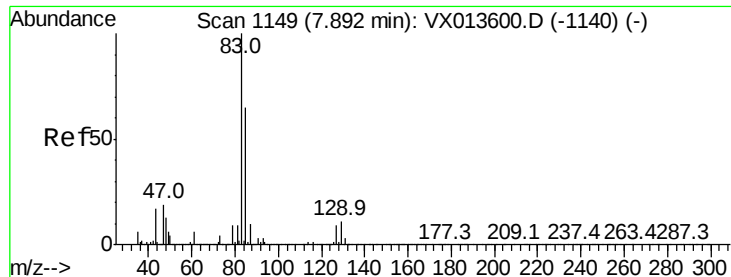
Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.2

174 113.4 93.4 140.0





#47

Bromodichloromethane

Concen: 20.199 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

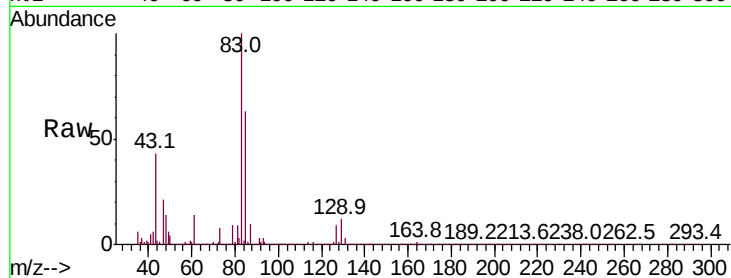
Tot Ion: 83 Resp: 174078

Ion Ratio Lower Upper

83 100

85 62.9 52.1 78.1

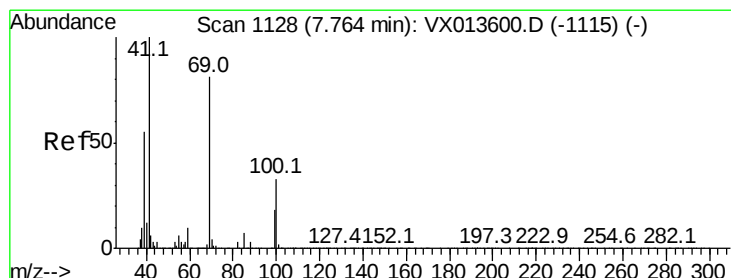
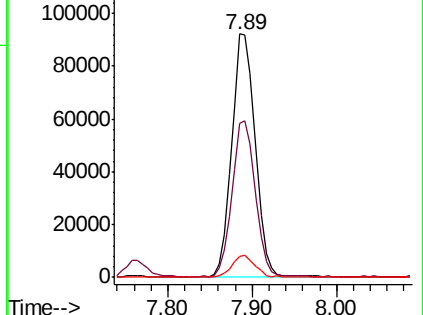
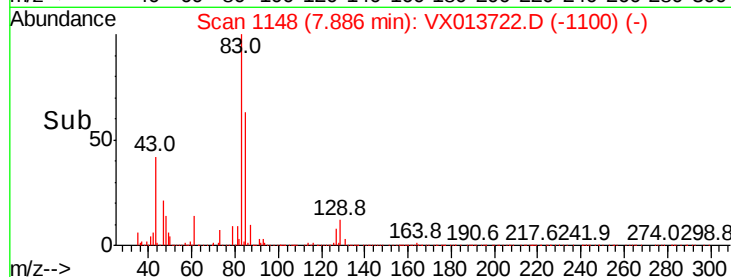
127 8.5 7.0 10.4



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: 20.556 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

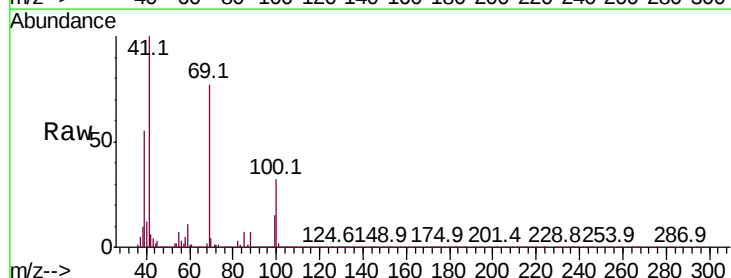
Tgt Ion: 41 Resp: 162486

Ion Ratio Lower Upper

41 100

69 79.3 64.7 97.1

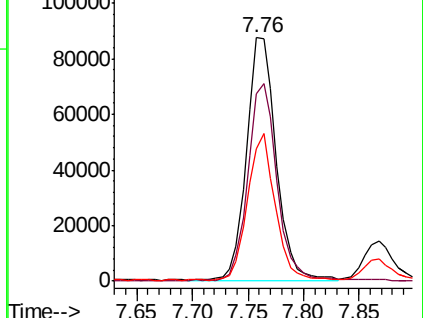
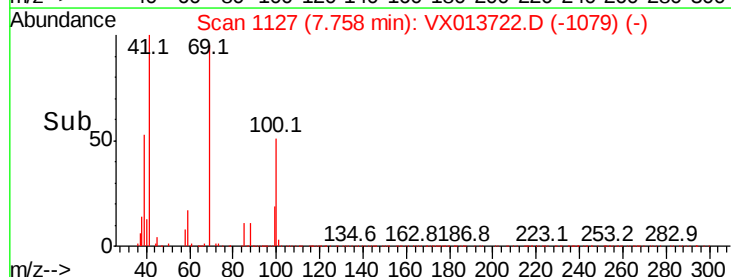
39 56.1 43.8 65.6

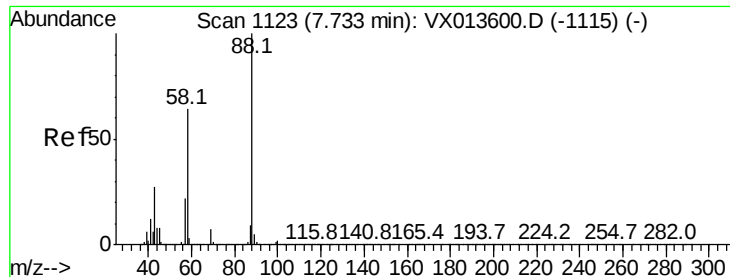


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 373.333 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

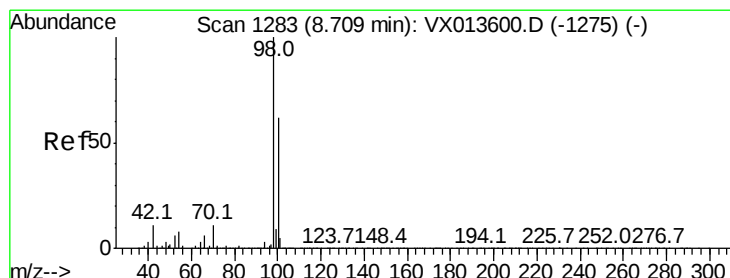
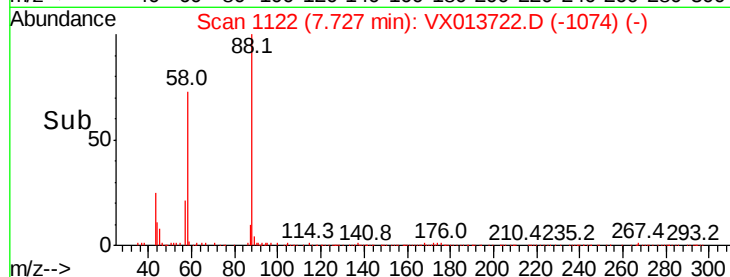
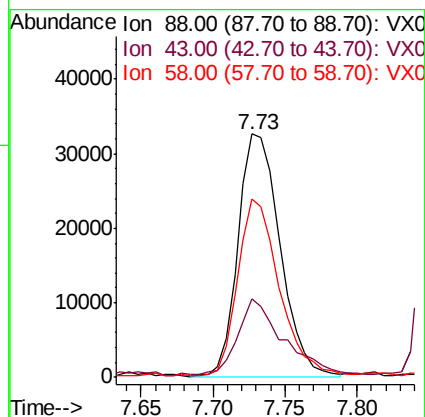
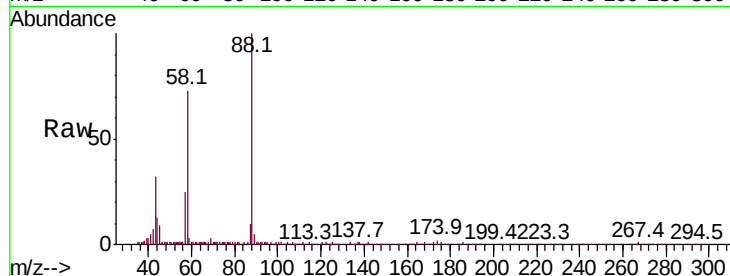
Tot Ion: 88 Resp: 66055

Ion Ratio Lower Upper

88 100

43 33.6 25.8 38.6

58 71.5 54.6 82.0



#50

Toluene-d8

Concen: 47.108 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013722.D

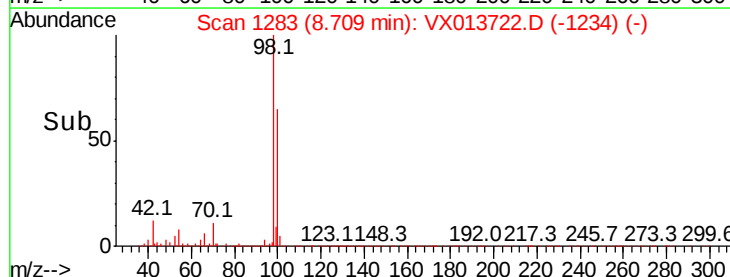
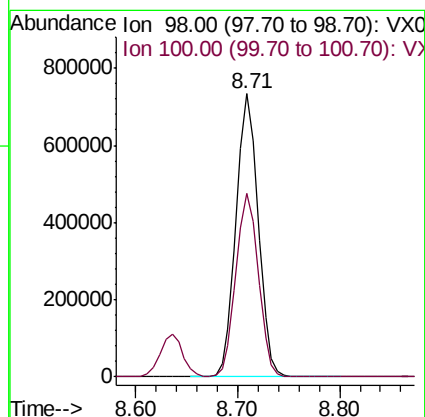
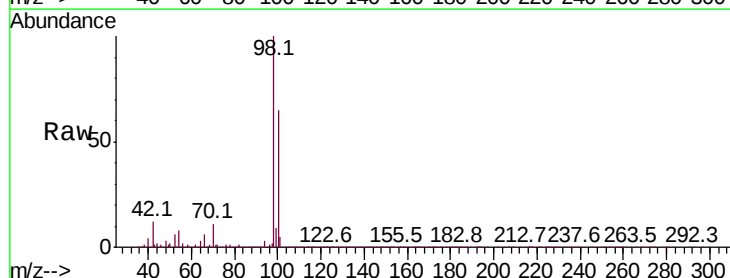
Acq: 03 Dec 2019 14:14

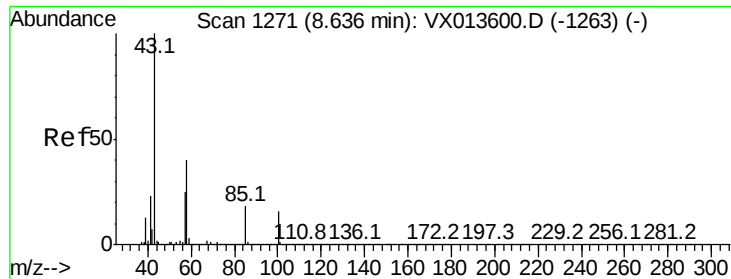
Tgt Ion: 98 Resp: 1101043

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

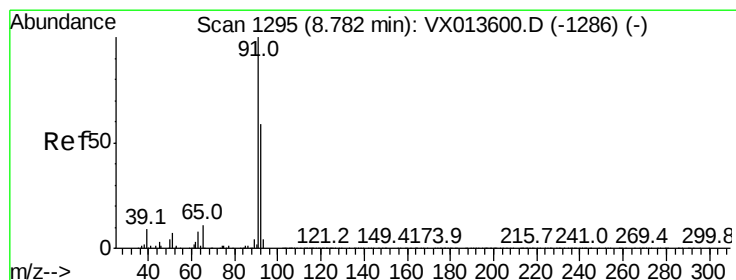
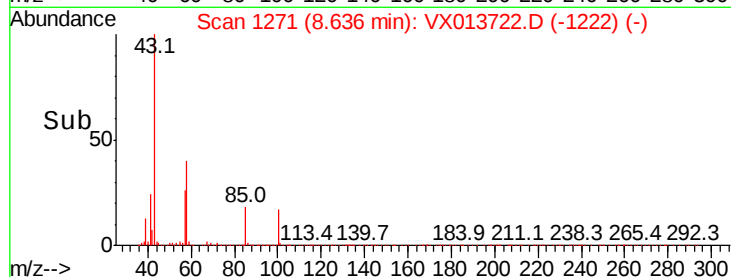
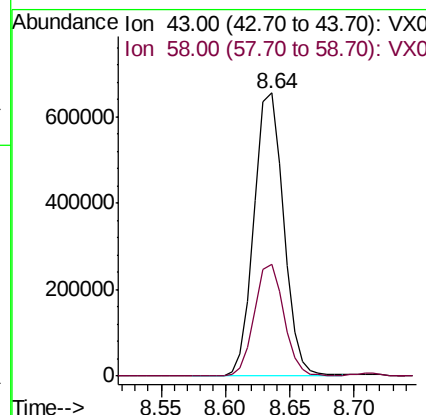
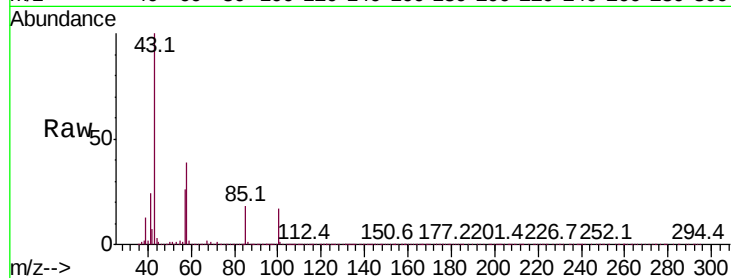




#51
4-Methyl-2-Pentanone
Concen: 101.524 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

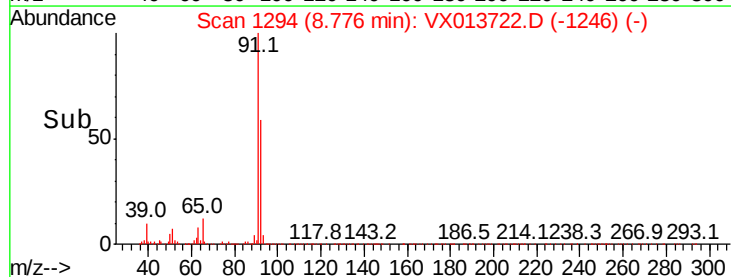
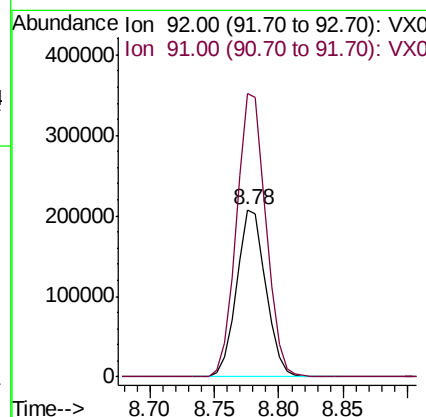
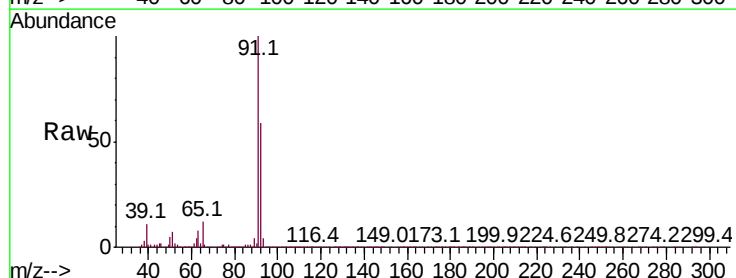
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

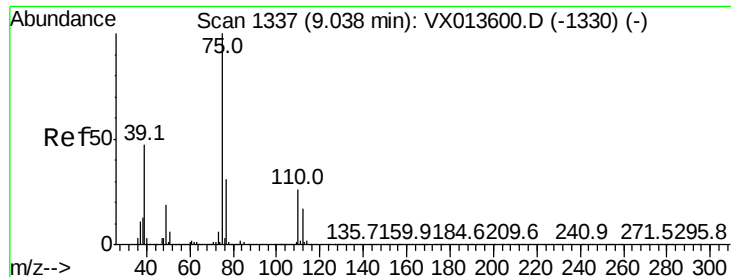
Tot Ion: 43 Resp: 1038928
Ion Ratio Lower Upper
43 100
58 39.3 32.1 48.1



#52
Toluene
Concen: 19.589 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 92 Resp: 326481
Ion Ratio Lower Upper
92 100
91 171.5 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 19.475 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

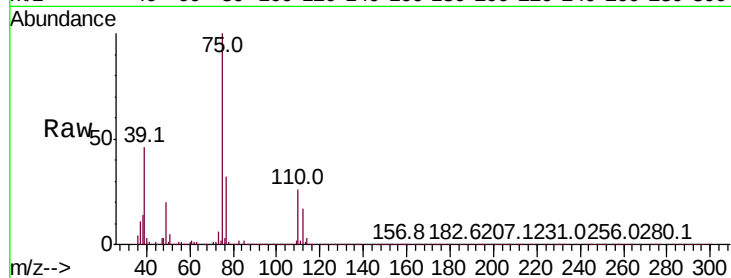
VX1203MBS01

Tot Ion: 75 Resp: 191044

Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

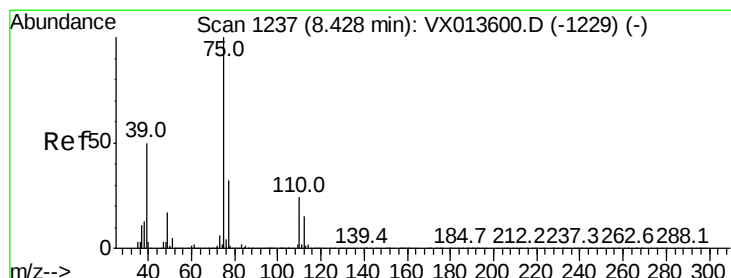
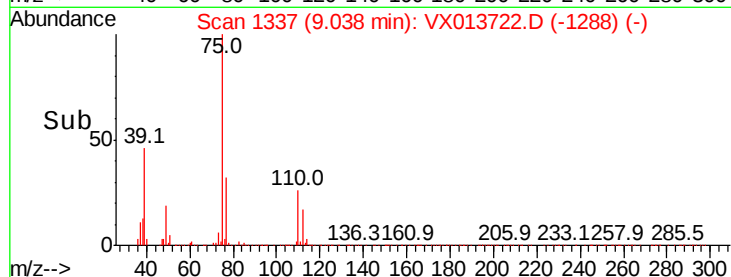
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 19.846 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

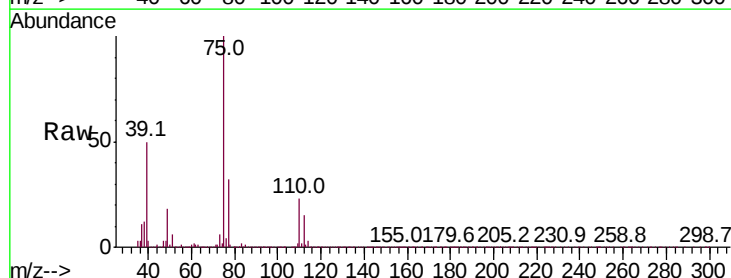
Tgt Ion: 75 Resp: 212693

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 49.7 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

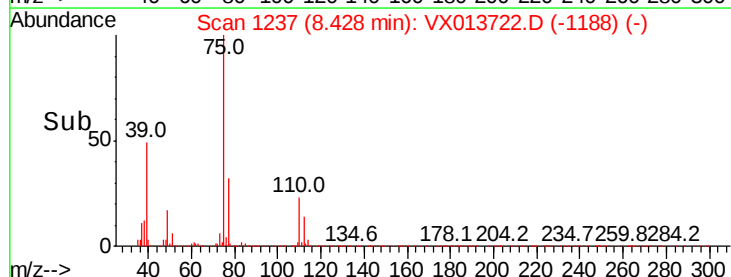
100000

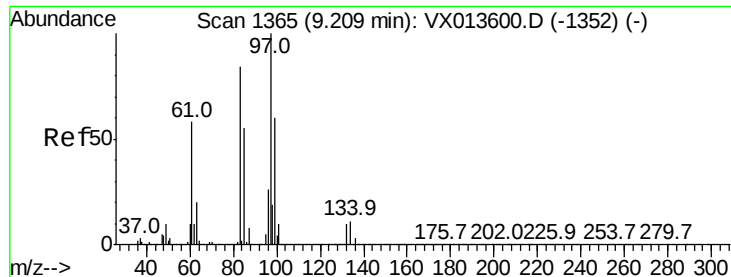
50000

0

Time-->

8.35 8.40 8.45 8.50





#55

1,1,2-Trichloroethane

Concen: 20.424 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 97 Resp: 137172

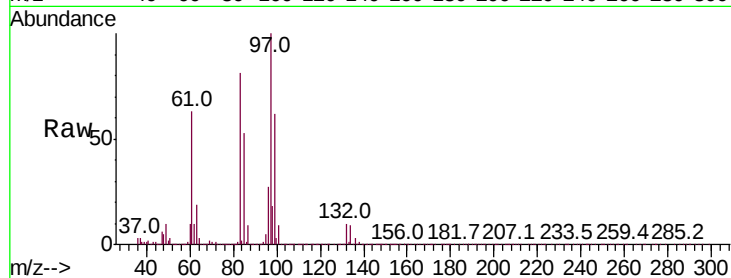
Ion Ratio Lower Upper

97 100

83 81.3 67.3 100.9

85 53.2 43.6 65.4

99 62.0 48.2 72.4

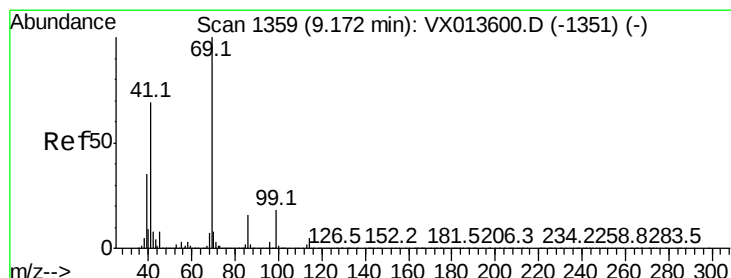
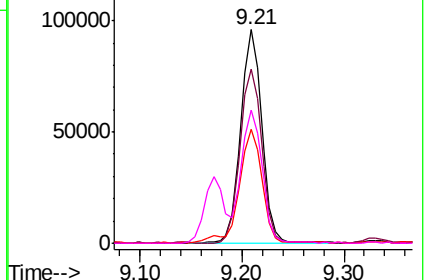
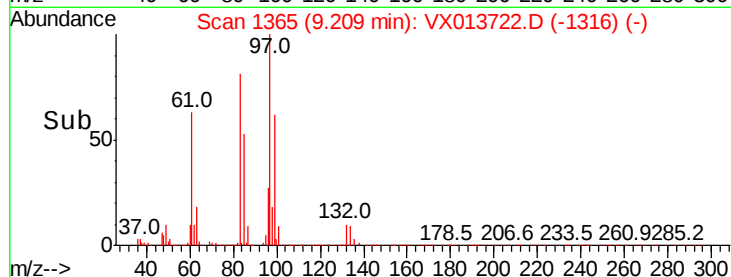


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.202 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

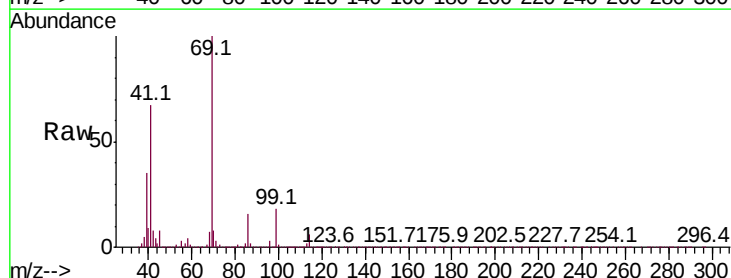
Tgt Ion: 69 Resp: 218139

Ion Ratio Lower Upper

69 100

41 68.2 55.0 82.4

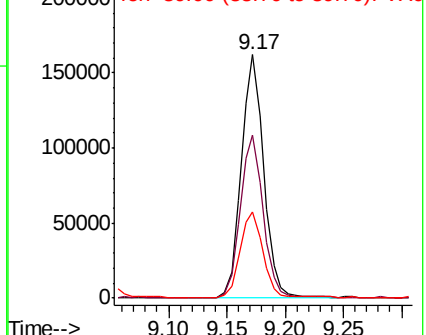
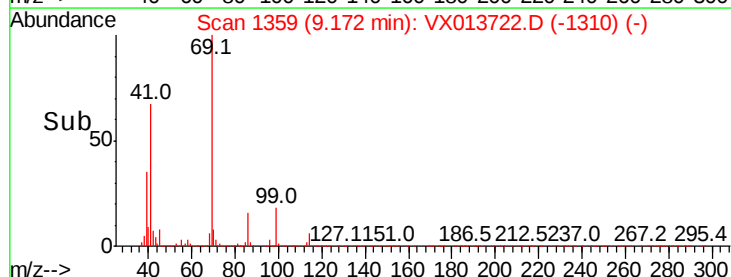
39 35.9 28.7 43.1

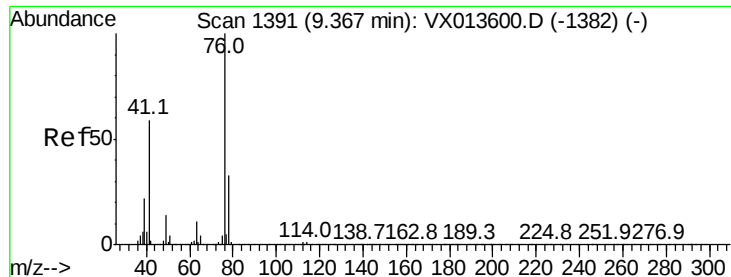


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.720 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

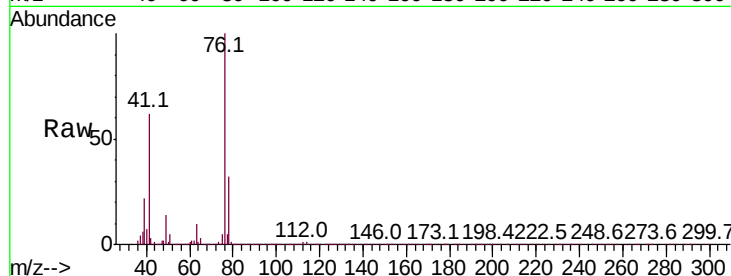
VX1203MBS01

Tot Ion: 76 Resp: 228296

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

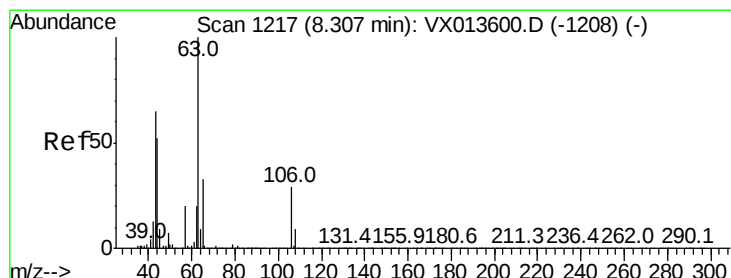
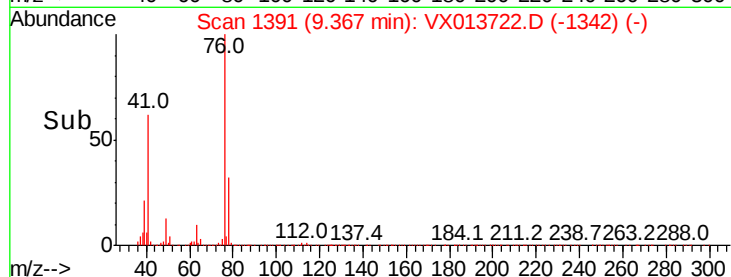
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 95.914 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013722.D

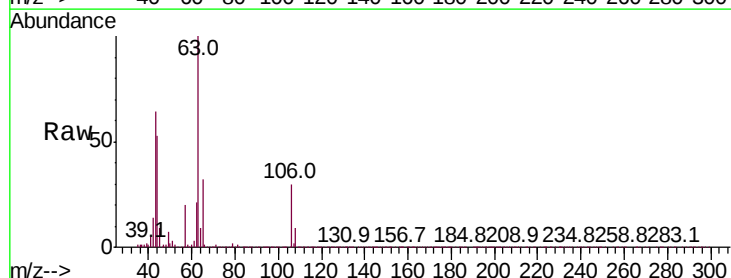
Acq: 03 Dec 2019 14:14

Tgt Ion: 63 Resp: 406067

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

150000

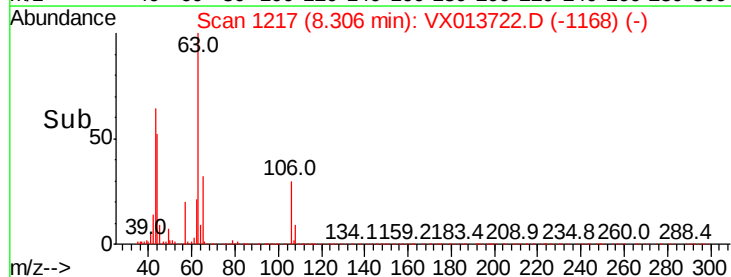
100000

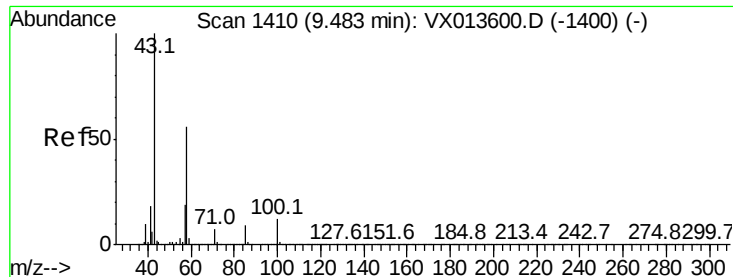
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

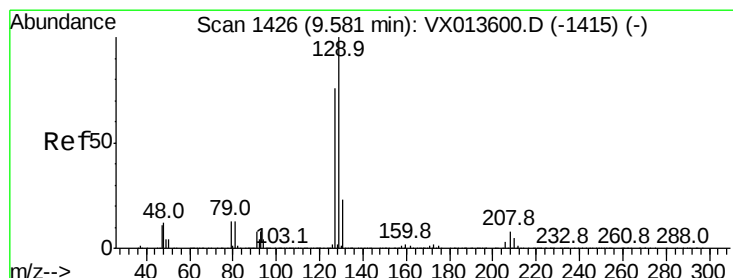
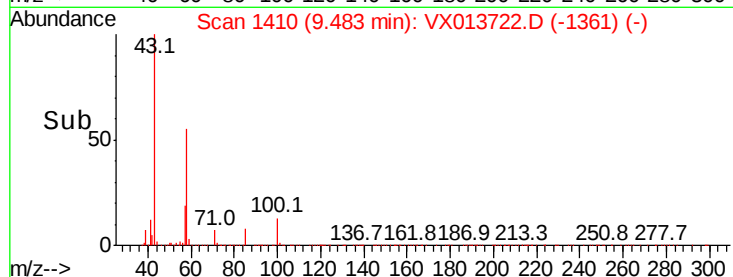
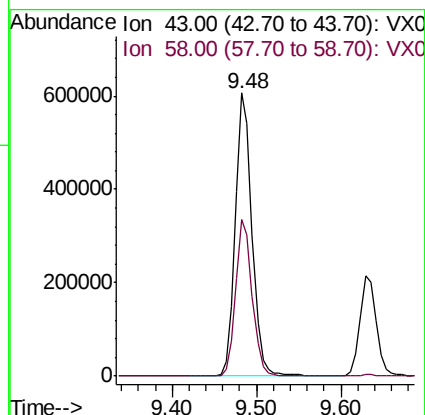
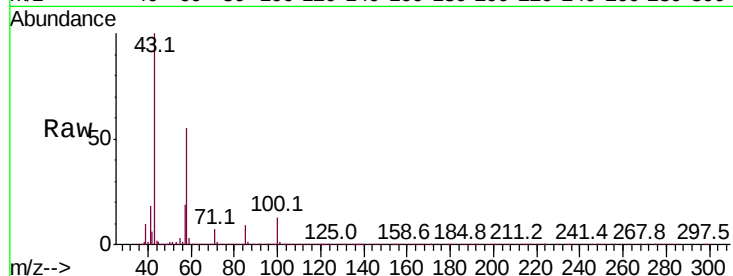




#59
2-Hexanone
Concen: 101.762 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

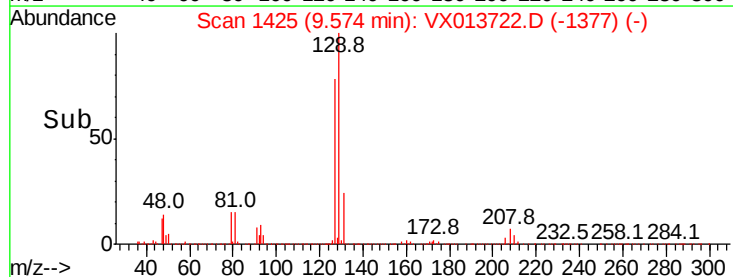
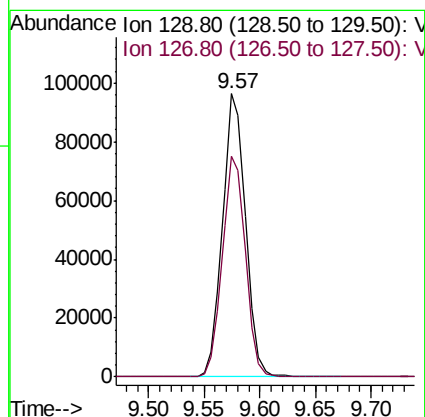
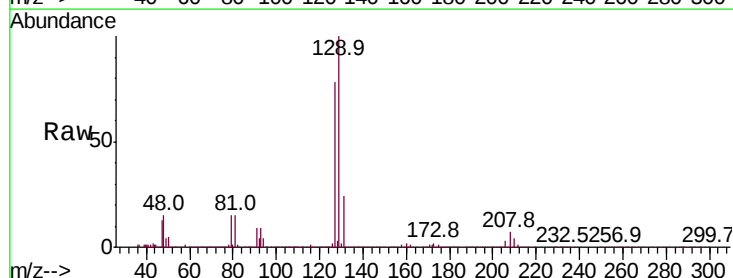
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

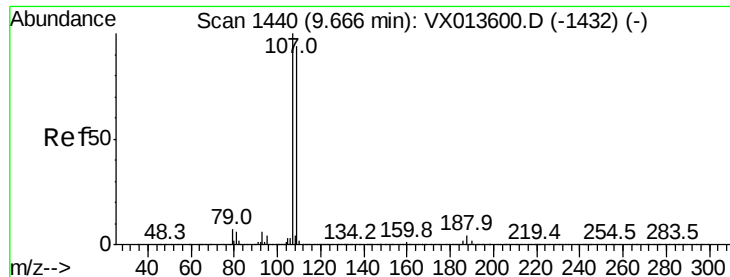
Tot Ion: 43 Resp: 812186
Ion Ratio Lower Upper
43 100
58 54.7 28.1 84.4



#60
Dibromochloromethane
Concen: 19.721 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 129 Resp: 137460
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.384 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

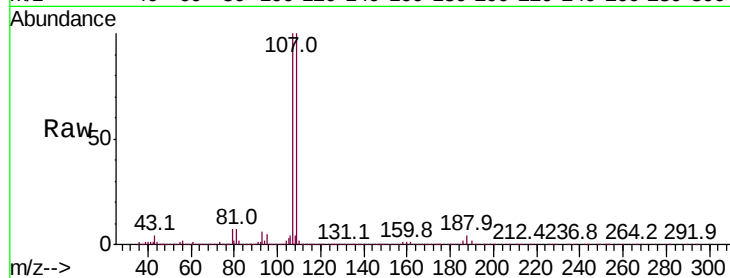
VX1203MBS01

Tot Ion:107 Resp: 139043

Ion Ratio Lower Upper

107 100

109 97.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

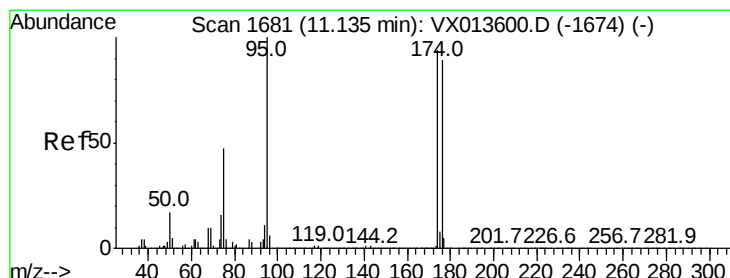
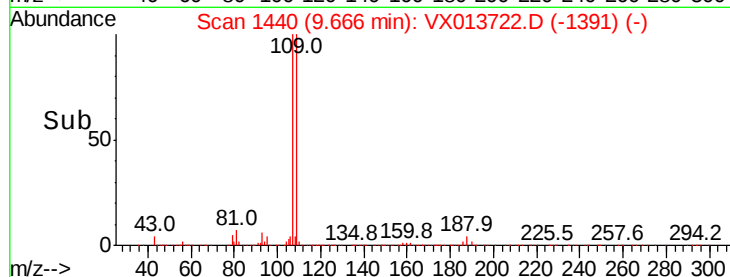
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.879 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

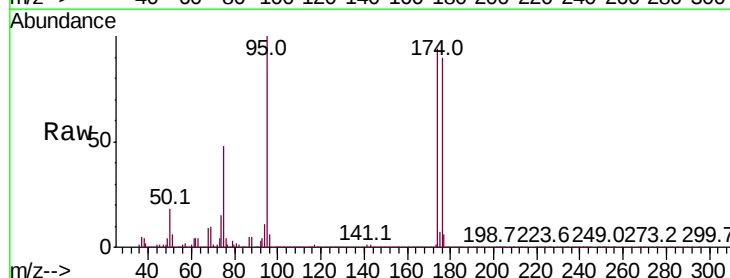
Tgt Ion: 95 Resp: 395107

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.0

176 86.6 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

400000

300000

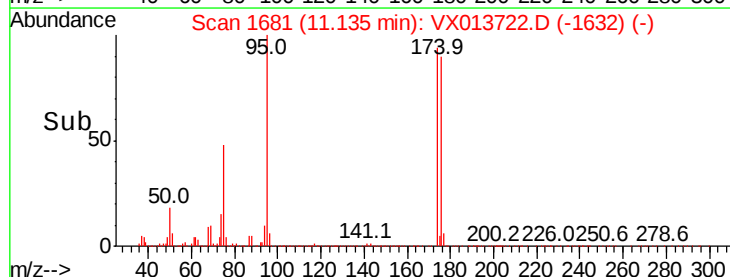
200000

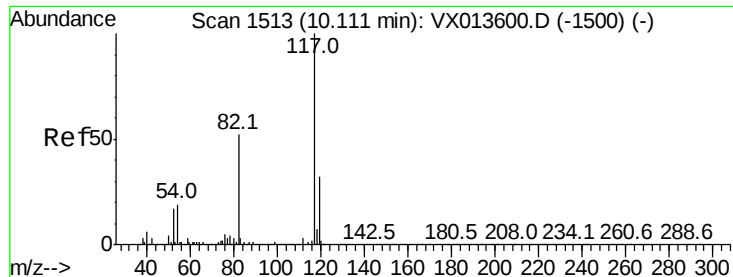
100000

0

Time-->

11.10 11.20

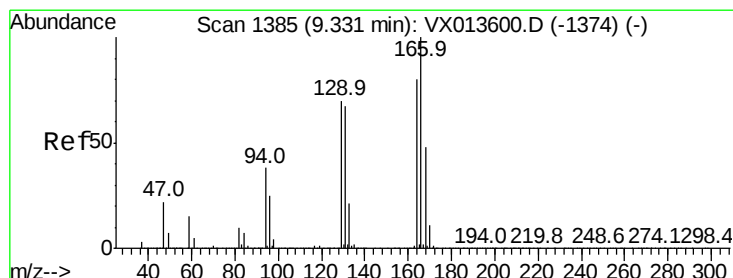
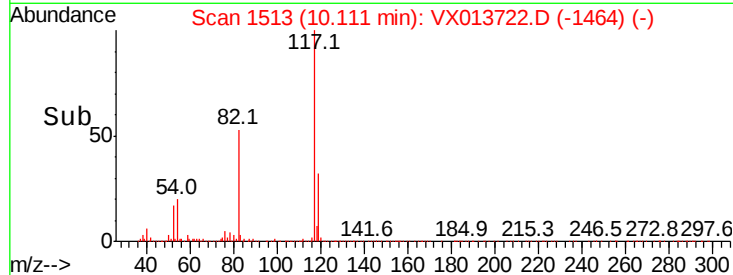
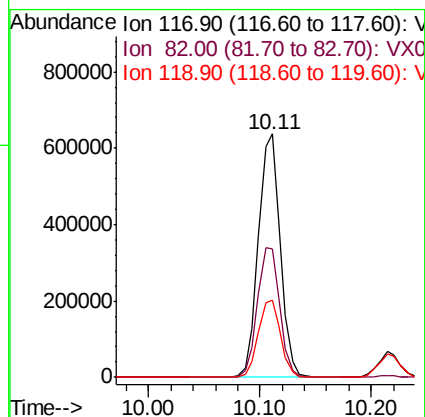
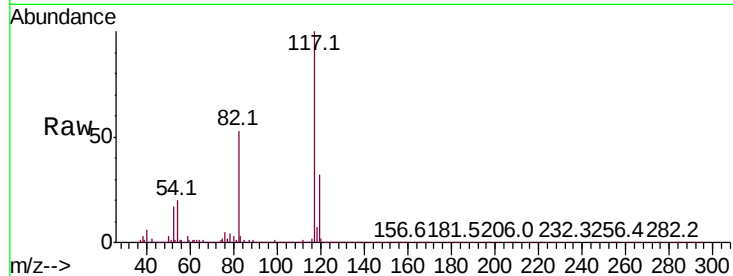




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

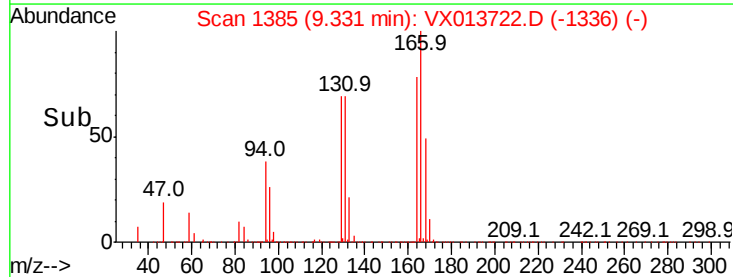
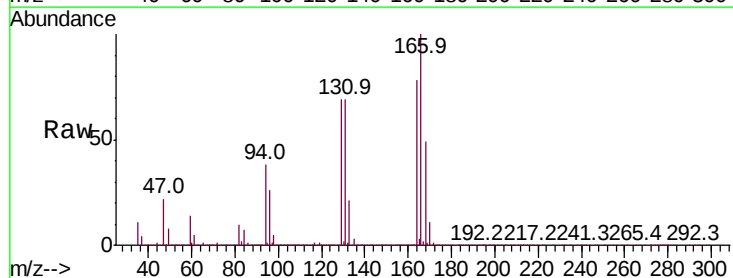
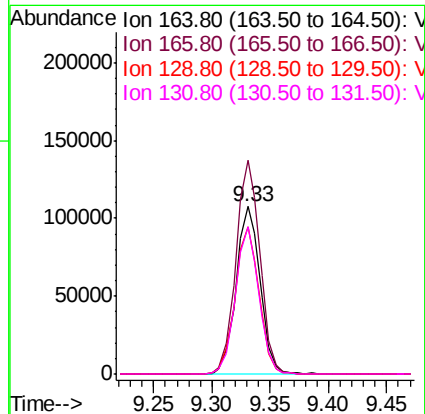
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

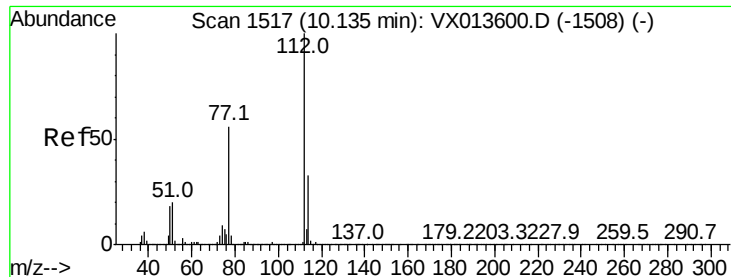
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	31.6	25.8	38.8



#64
Tetrachloroethene
Concen: 23.682 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	99.7	149.5
129	87.9	70.1	105.1
131	87.9	66.9	100.3





#65

Chlorobenzene

Concen: 19.508 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

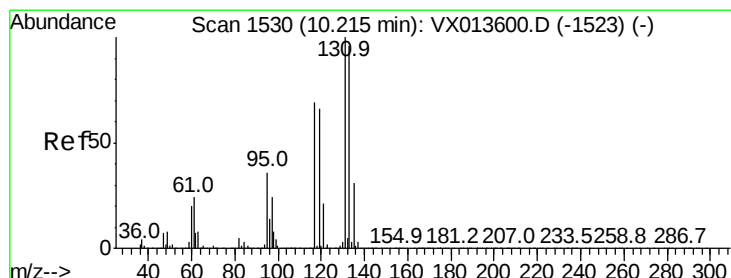
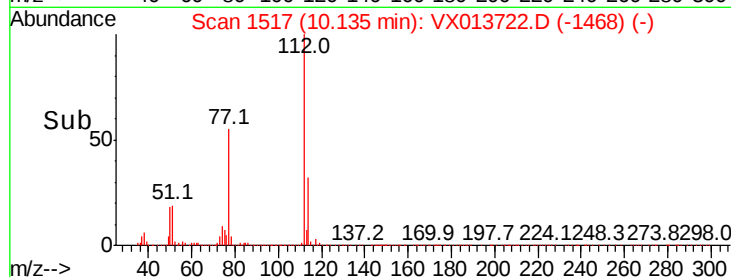
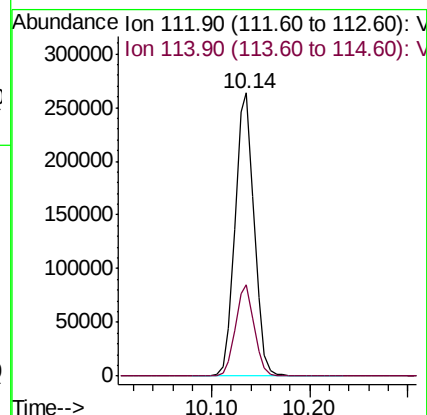
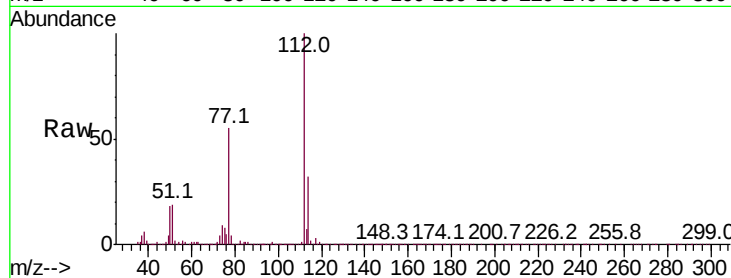
VX1203MBS01

Tot Ion:112 Resp: 355668

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.722 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

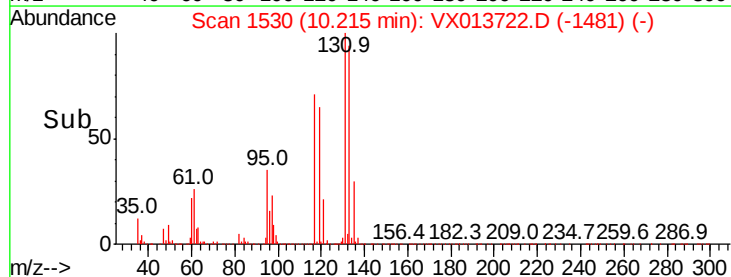
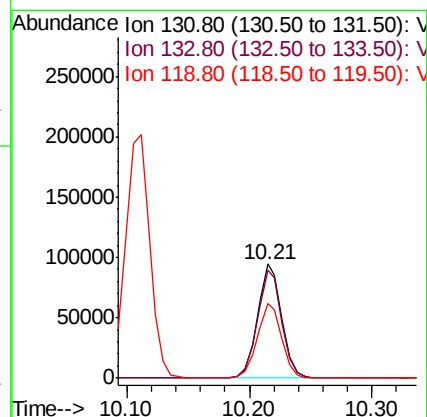
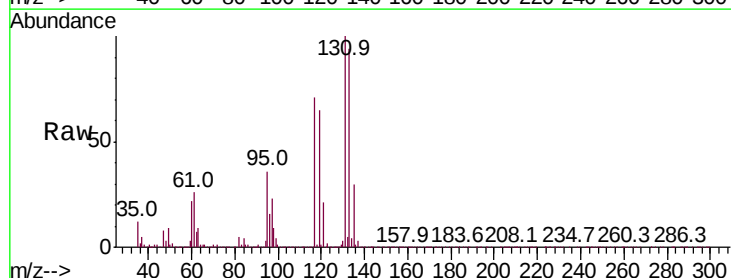
Tgt Ion:131 Resp: 129117

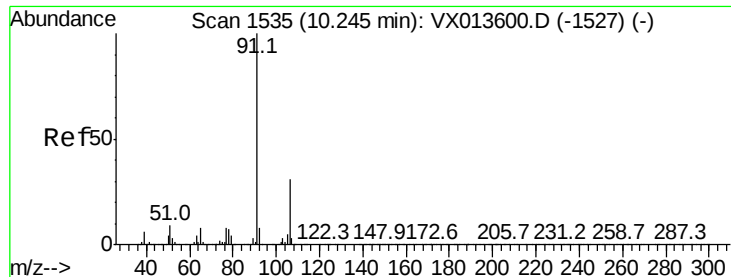
Ion Ratio Lower Upper

131 100

133 96.2 47.7 143.1

119 66.2 32.9 98.6

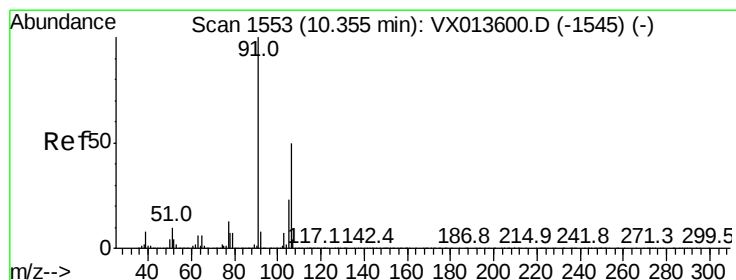
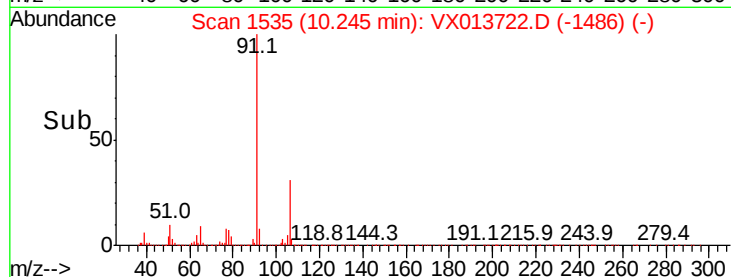
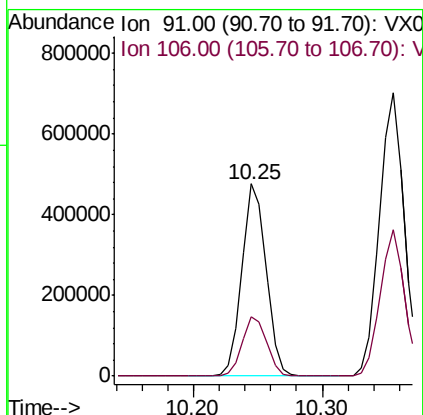
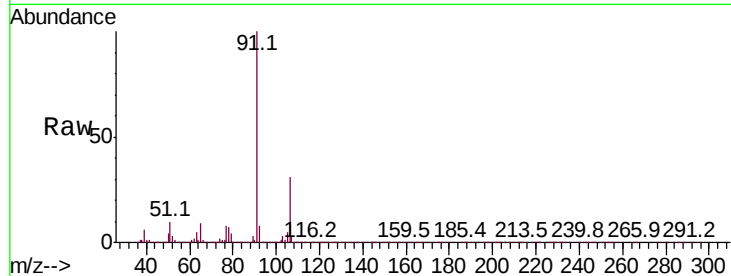




#67
Ethyl Benzene
Concen: 19.761 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

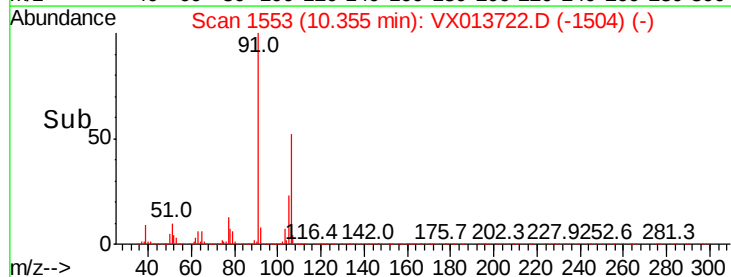
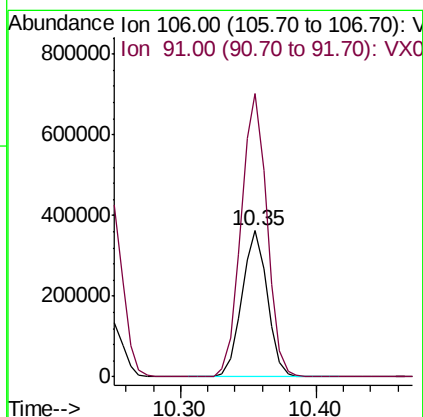
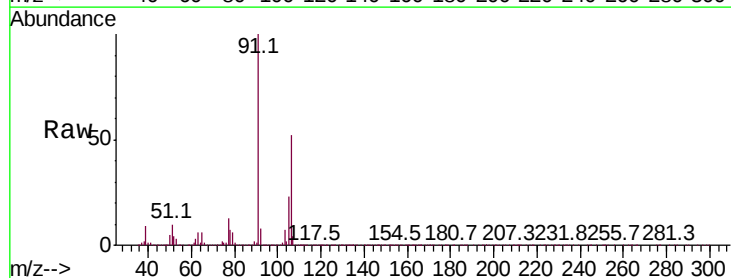
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

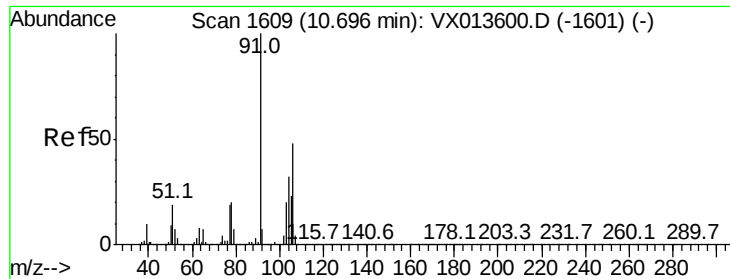
Tot Ion: 91 Resp: 619108
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 39.369 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 106 Resp: 472223
Ion Ratio Lower Upper
106 100
91 197.6 159.0 238.4

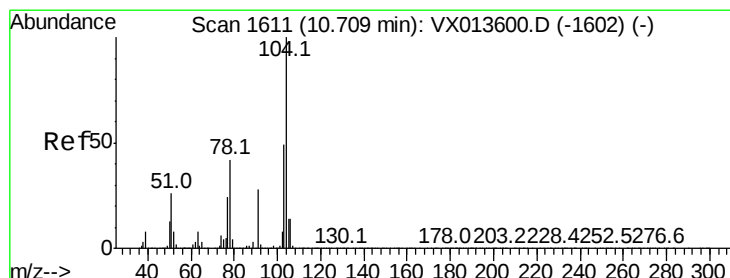
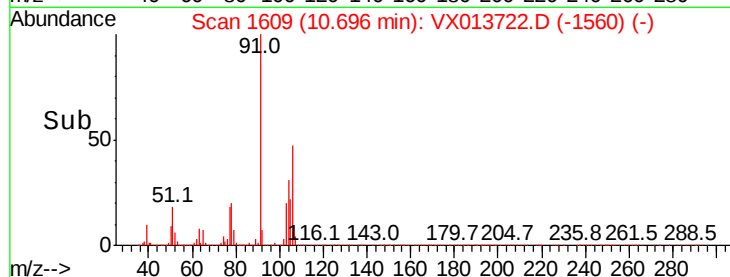
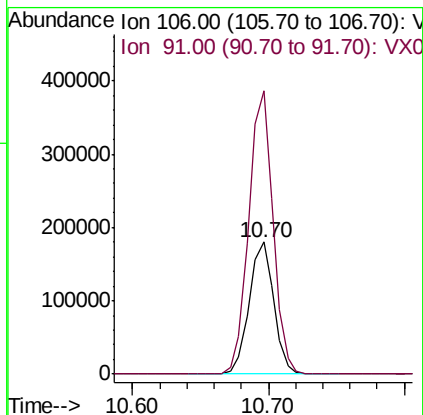
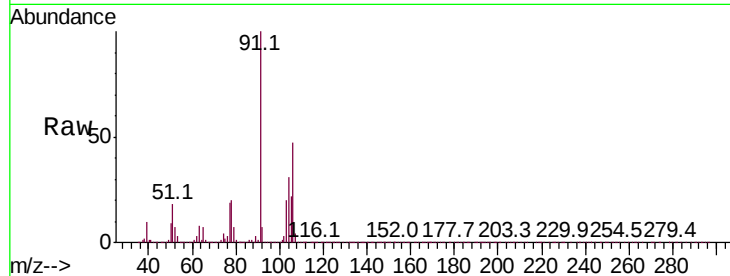




#69
o-Xylene
Concen: 19.484 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

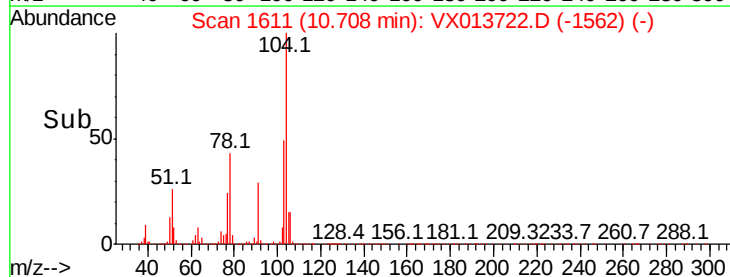
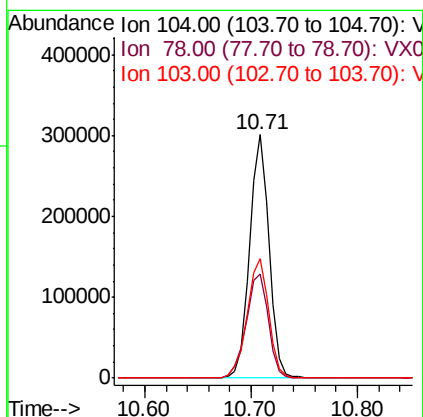
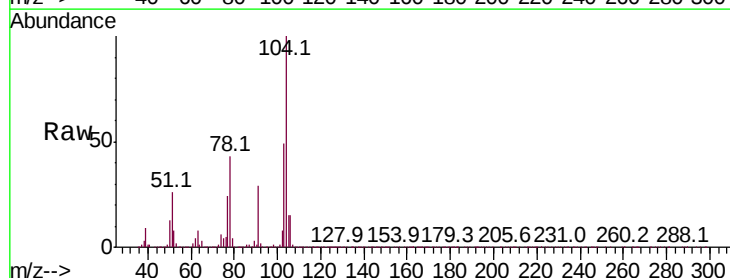
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

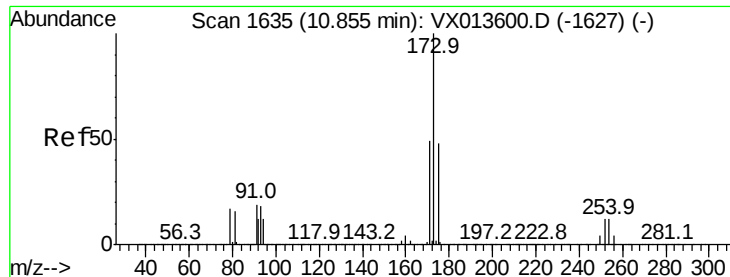
Tot Ion:106 Resp: 227937
Ion Ratio Lower Upper
106 100
91 212.2 104.1 312.2



#70
Styrene
Concen: 19.667 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion:104 Resp: 387016
Ion Ratio Lower Upper
104 100
78 49.2 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 19.803 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

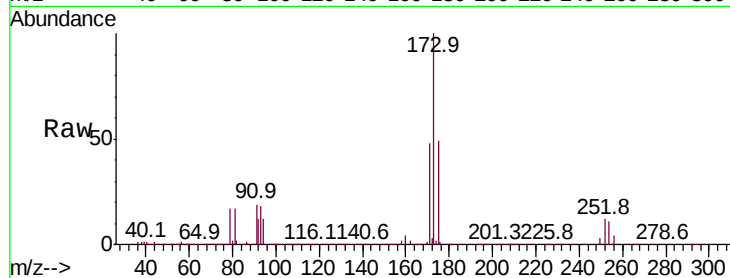
Tot Ion:173 Resp: 107276

Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.8

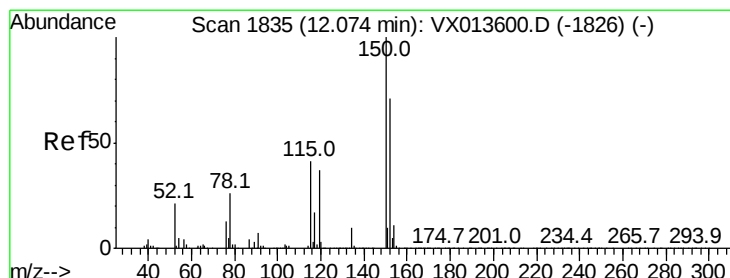
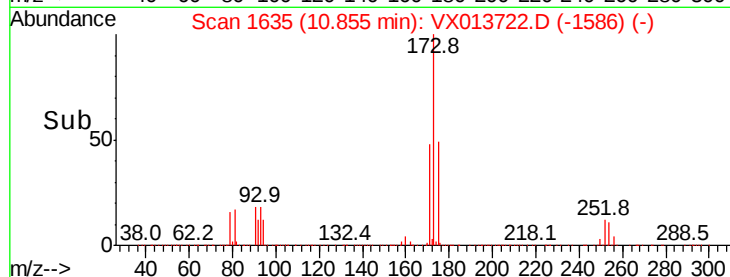
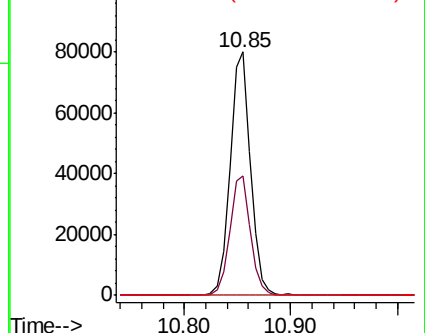
254 0.4 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

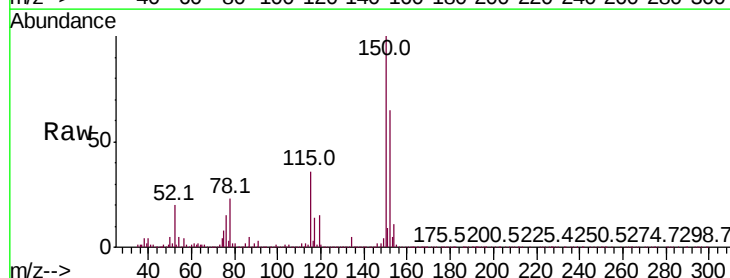
Tgt Ion:152 Resp: 435025

Ion Ratio Lower Upper

152 100

115 64.2 38.4 115.1

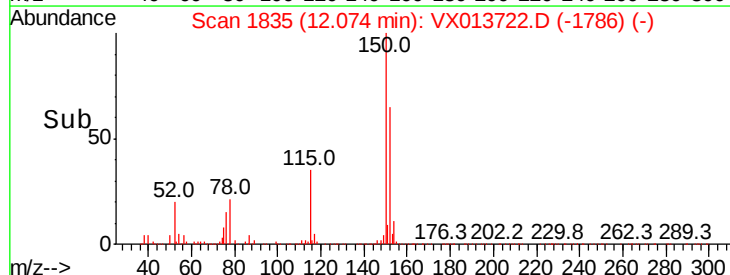
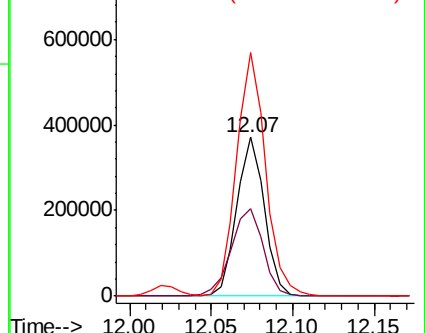
150 161.9 0.0 346.8

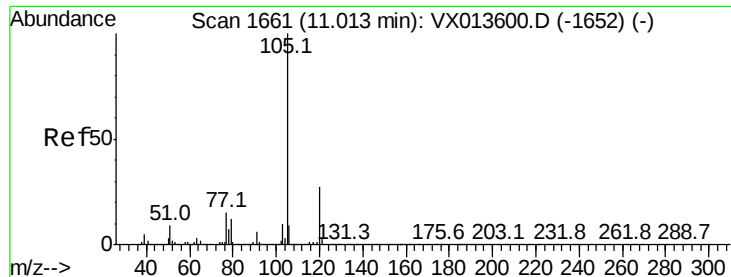


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.005 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

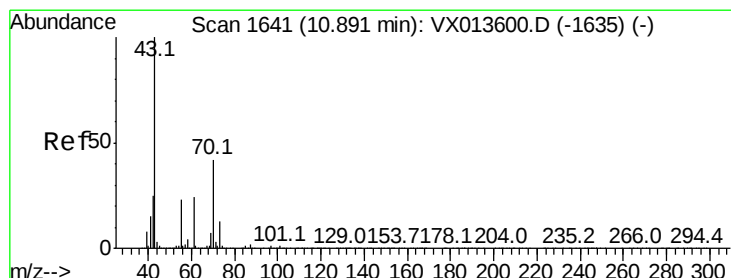
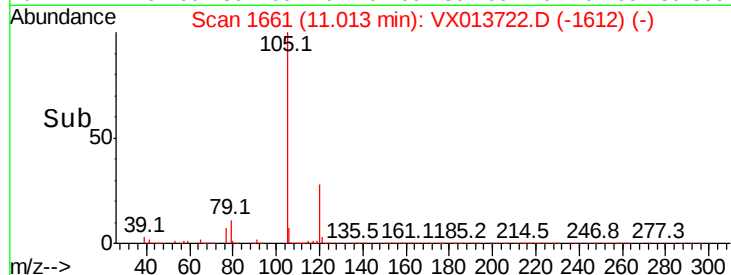
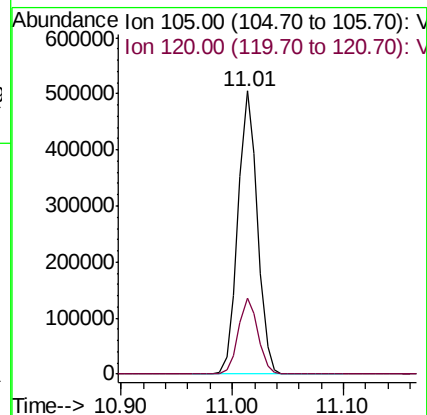
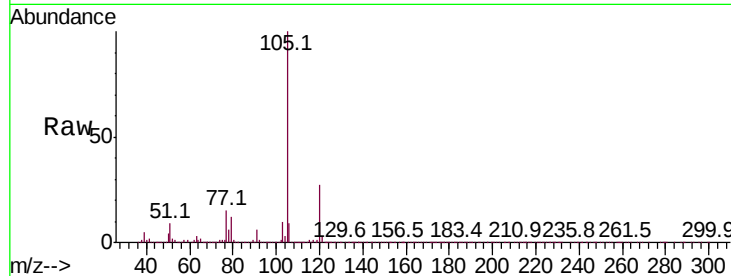
VX1203MBS01

Tot Ion:105 Resp: 610445

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 20.252 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion: 43 Resp: 283092

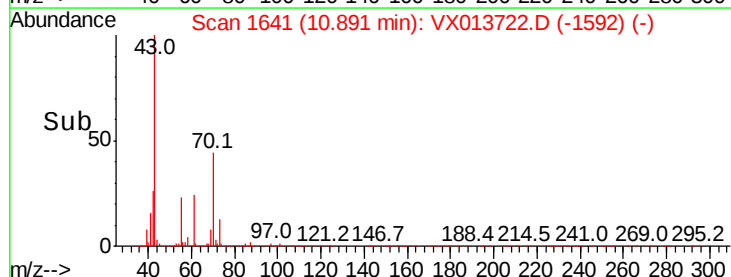
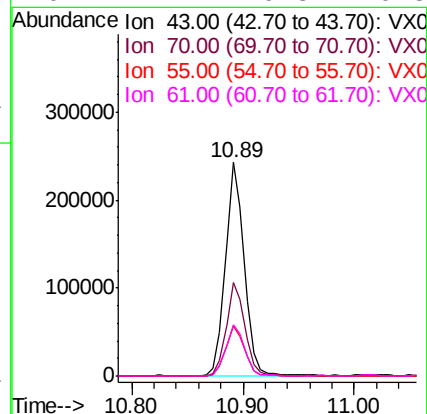
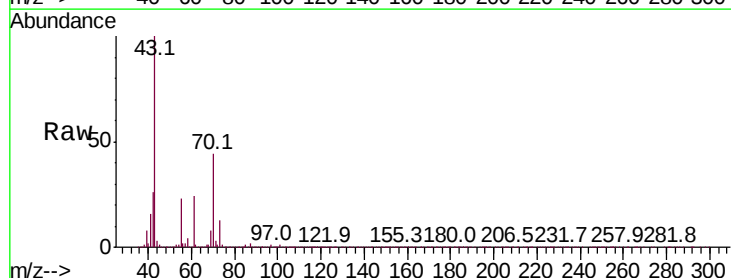
Ion Ratio Lower Upper

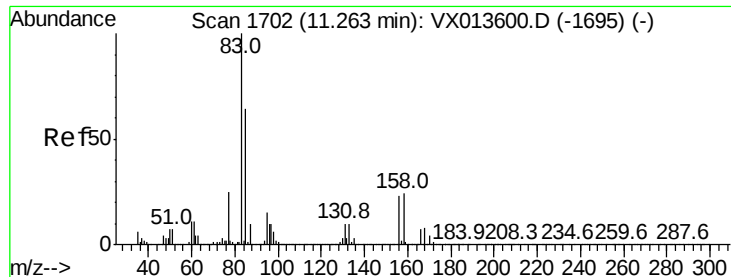
43 100

70 43.2 34.3 51.5

55 23.9 18.5 27.7

61 24.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.723 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

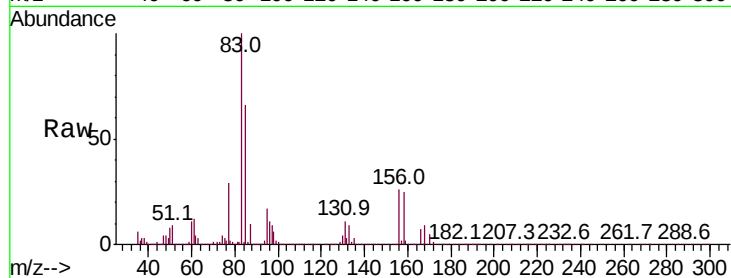
Tot Ion: 83 Resp: 208717

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

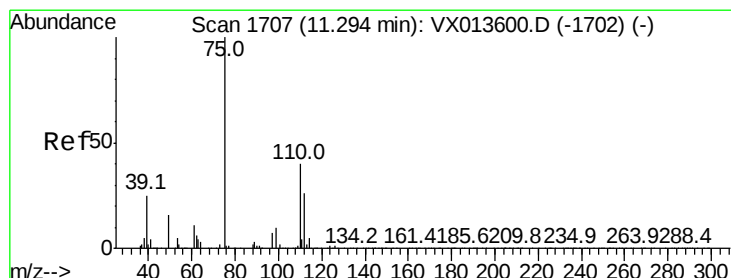
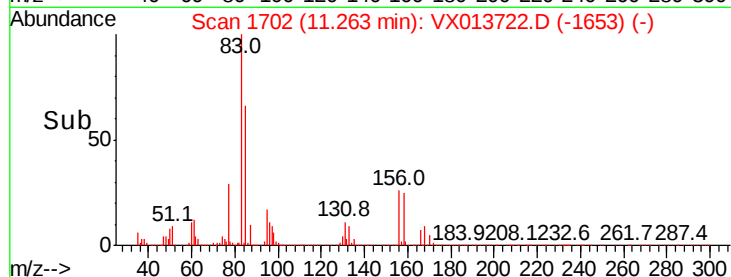
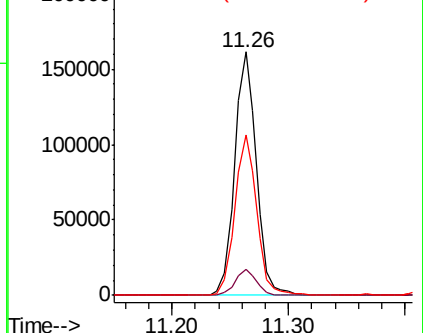
85 66.8 31.8 95.3



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: 24.279 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013722.D

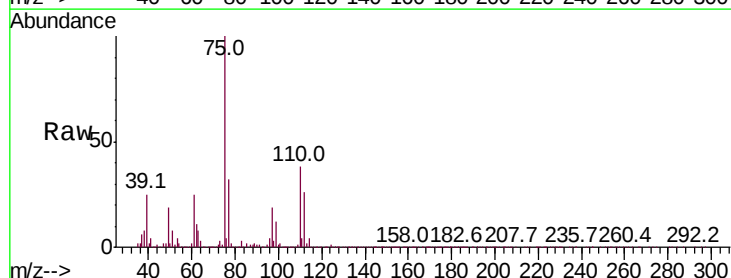
Acq: 03 Dec 2019 14:14

Tgt Ion: 75 Resp: 237559

Ion Ratio Lower Upper

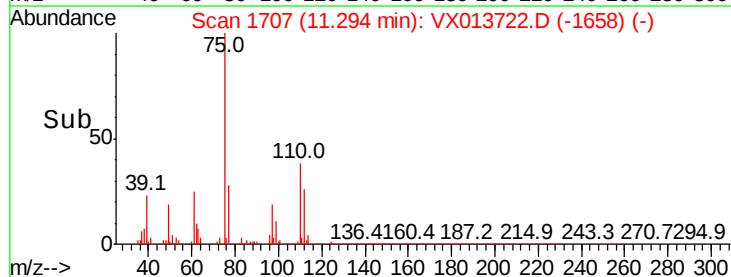
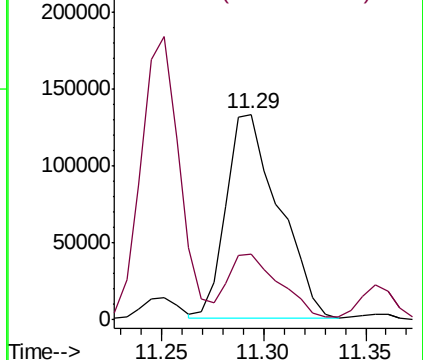
75 100

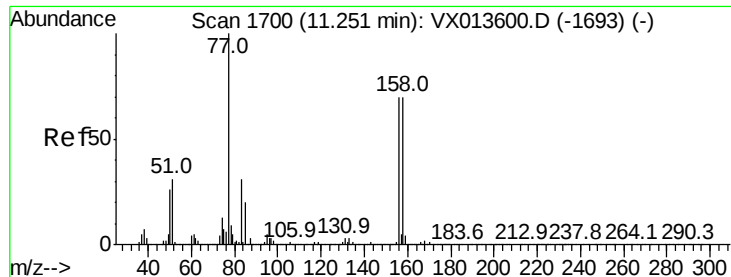
77 31.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.446 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

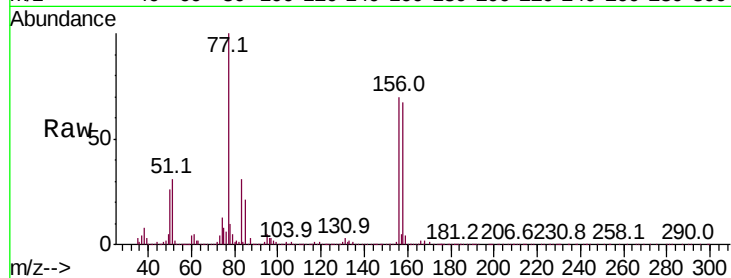
Tot Ion:156 Resp: 160308

Ion Ratio Lower Upper

156 100

77 150.6 74.4 223.1

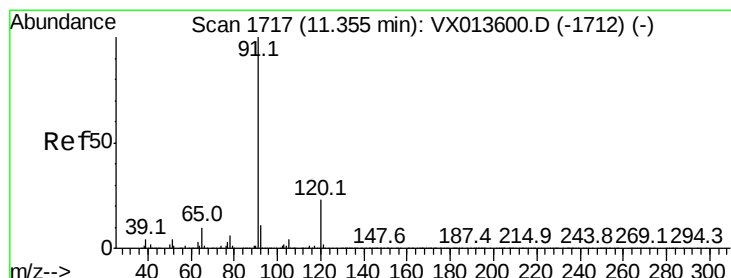
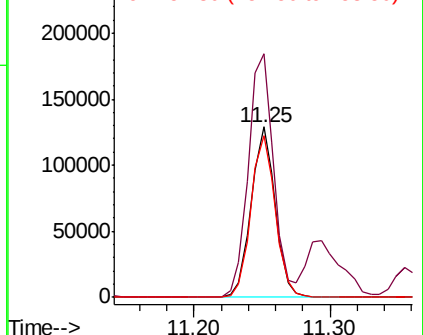
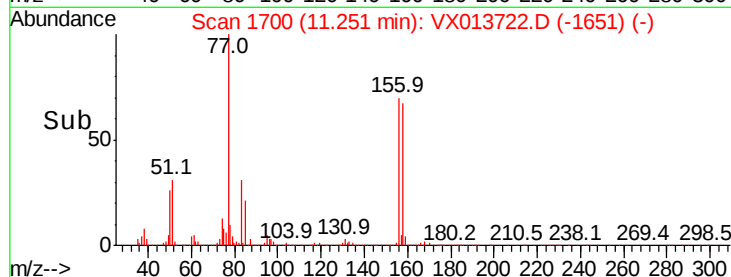
158 96.7 48.9 146.6



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: 20.044 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013722.D

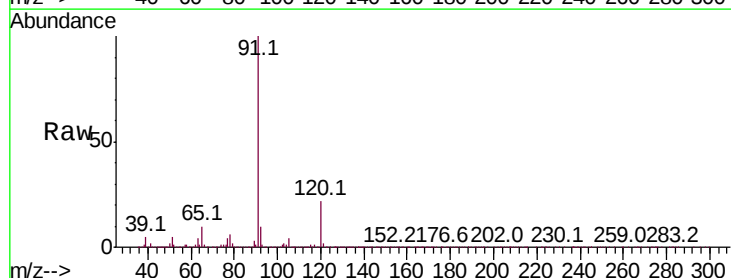
Acq: 03 Dec 2019 14:14

Tgt Ion: 91 Resp: 682778

Ion Ratio Lower Upper

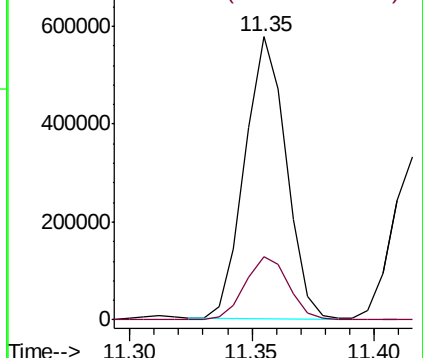
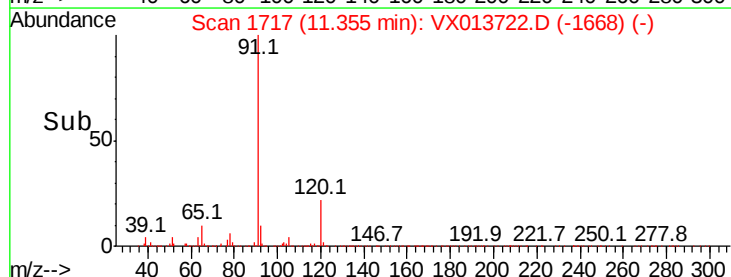
91 100

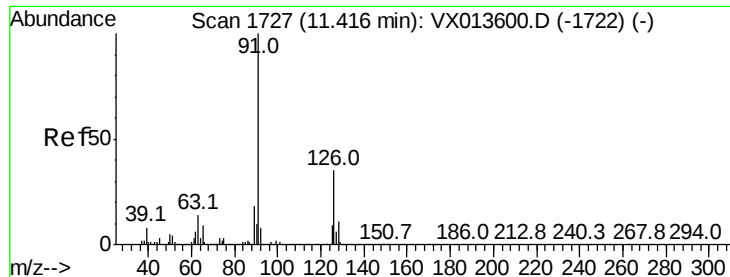
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.803 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

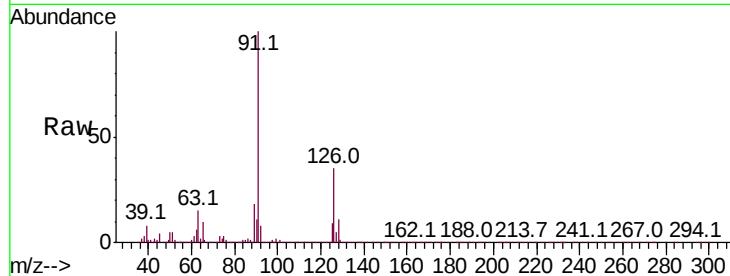
VX1203MBS01

Tot Ion: 91 Resp: 404668

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

600000

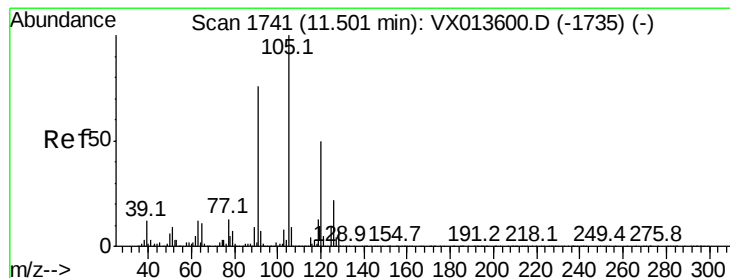
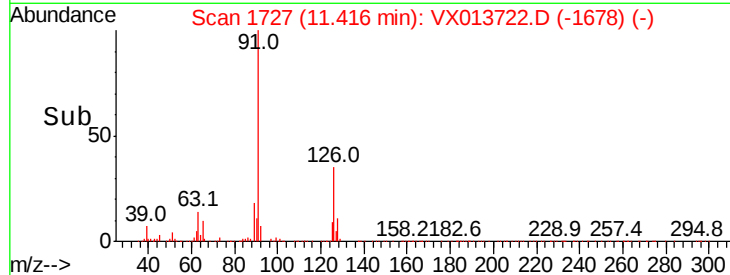
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.302 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013722.D

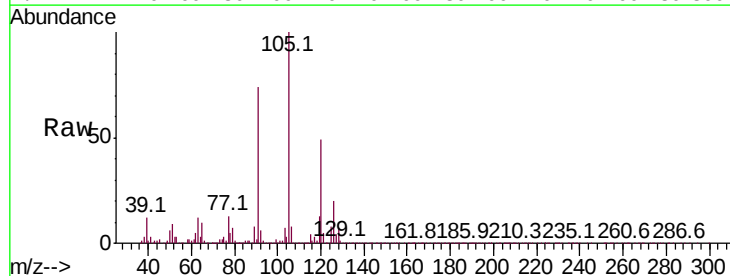
Acq: 03 Dec 2019 14:14

Tgt Ion:105 Resp: 507745

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

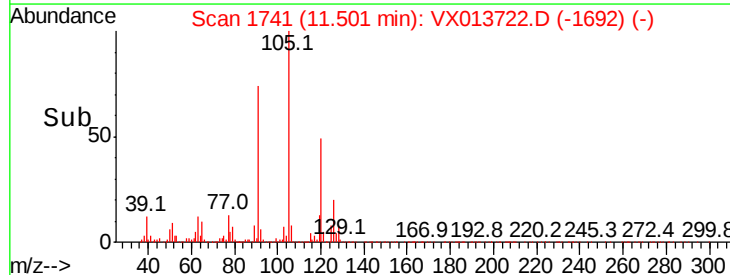
200000

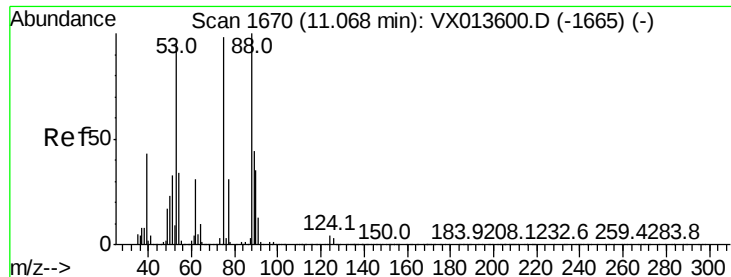
100000

0

11.45 11.50 11.55

Time-->

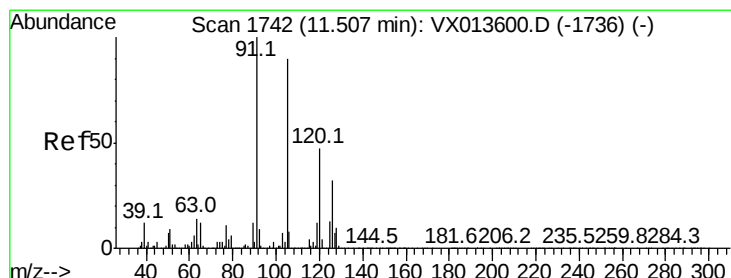
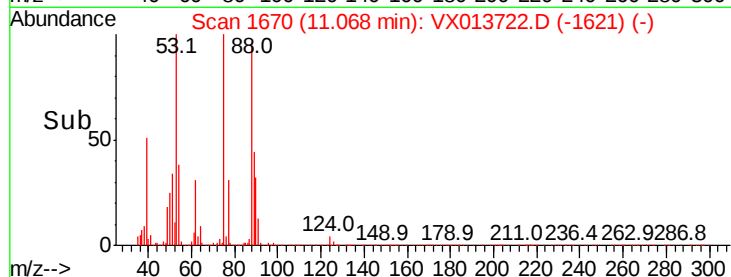
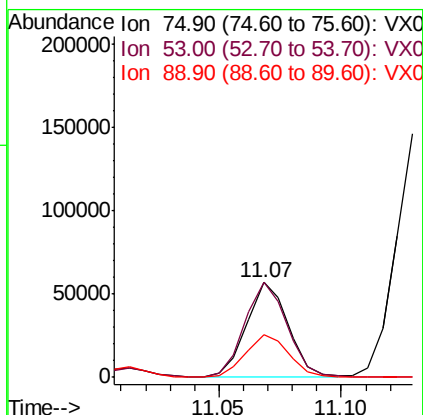
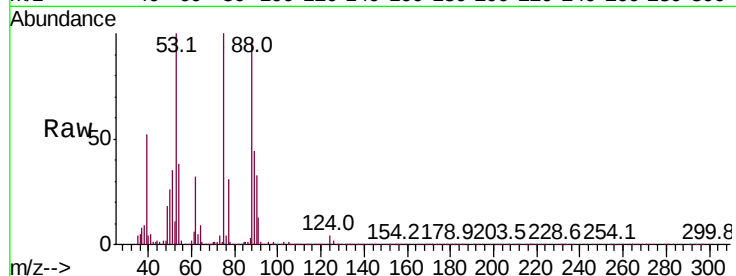




#81
trans-1,4-Dichloro-2-butene
Concen: 18.768 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

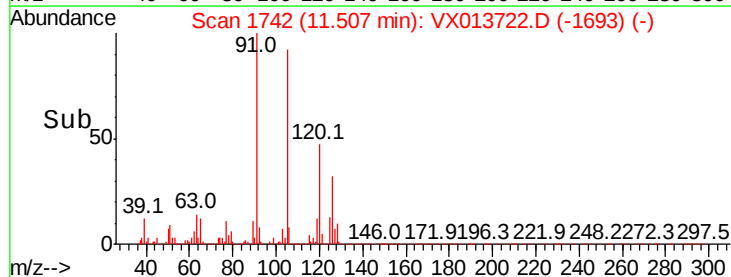
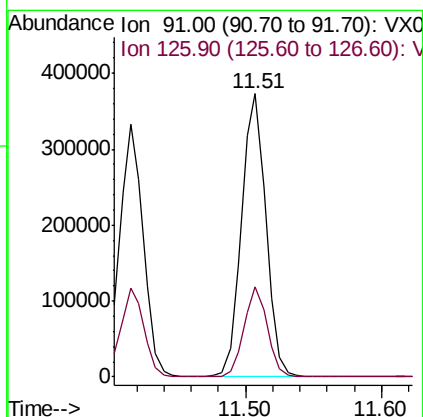
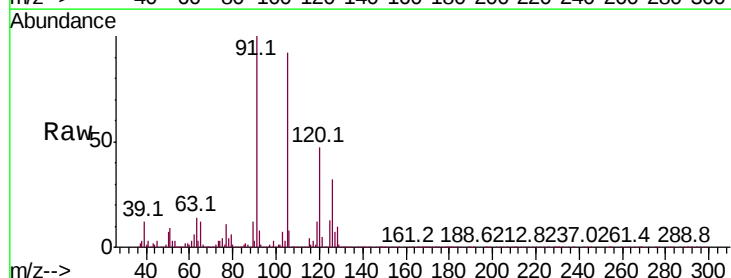
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

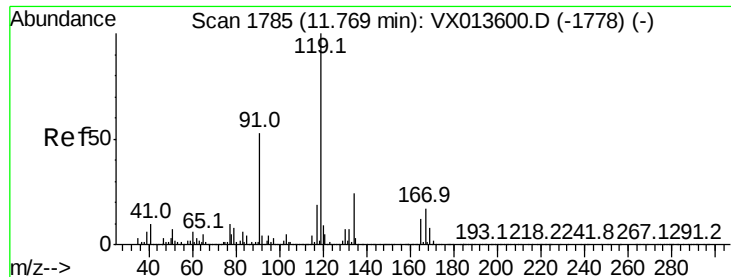
Tot Ion: 75 Resp: 67124
Ion Ratio Lower Upper
75 100
53 104.5 78.2 117.2
89 47.4 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.611 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 91 Resp: 464131
Ion Ratio Lower Upper
91 100
126 30.3 15.7 47.0





#83

tert-Butylbenzene

Concen: 19.328 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

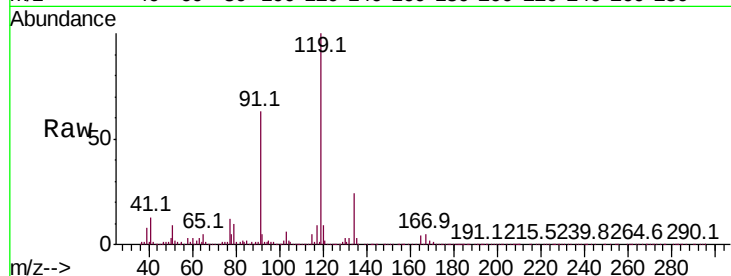
Tot Ion:119 Resp: 491262

Ion Ratio Lower Upper

119 100

91 56.9 27.2 81.6

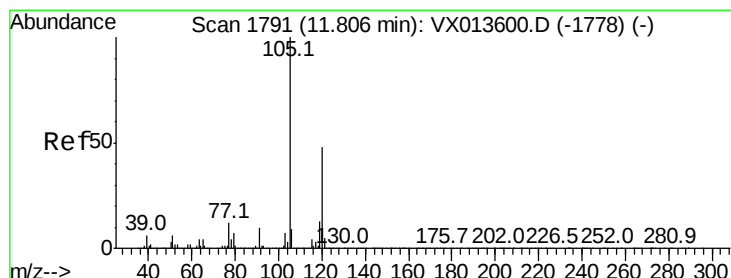
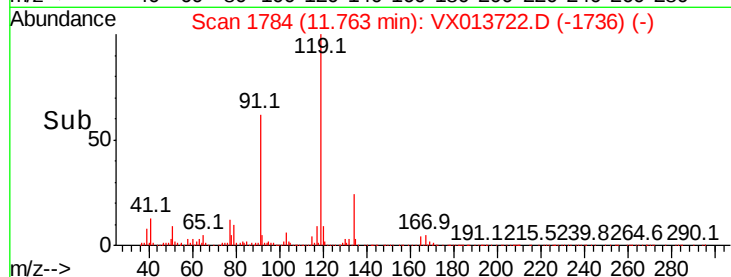
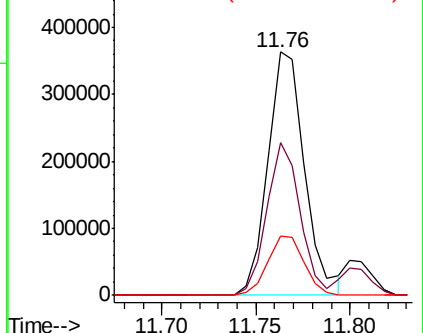
134 24.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.196 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013722.D

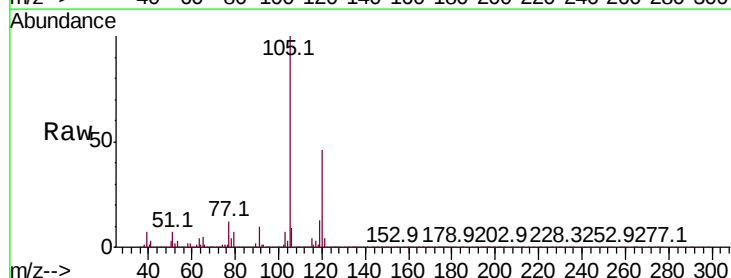
Acq: 03 Dec 2019 14:14

Tgt Ion:105 Resp: 512637

Ion Ratio Lower Upper

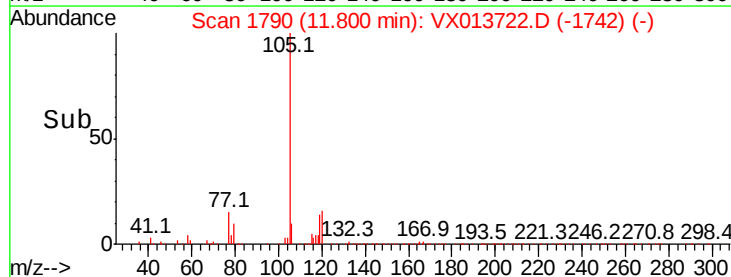
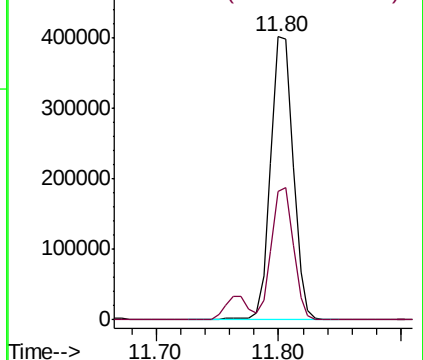
105 100

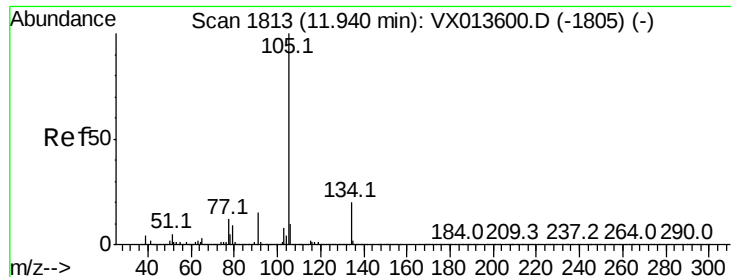
120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.459 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

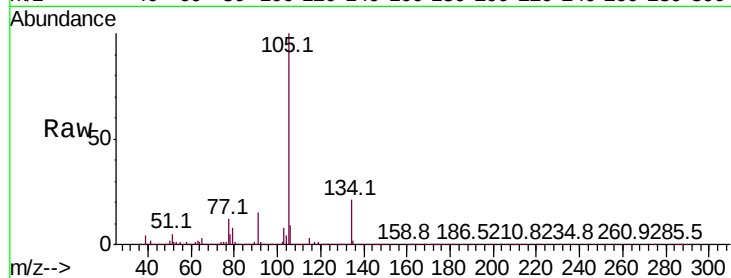
VX1203MBS01

Tot Ion:105 Resp: 593981

Ion Ratio Lower Upper

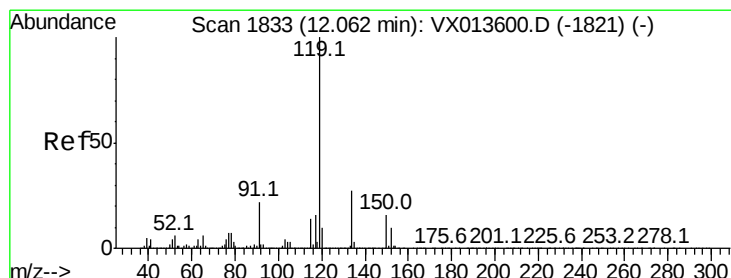
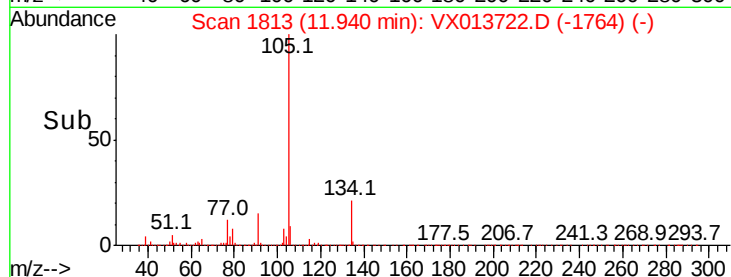
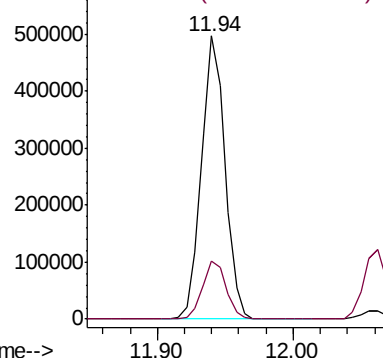
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.156 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

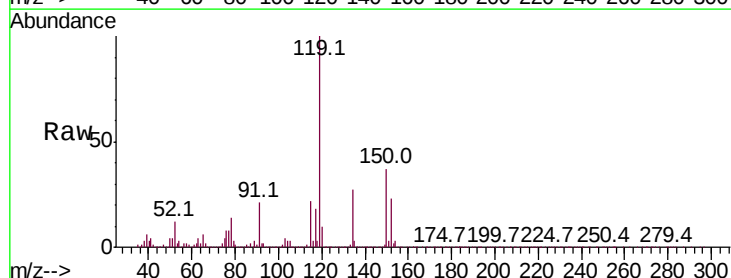
Tgt Ion:119 Resp: 544402

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

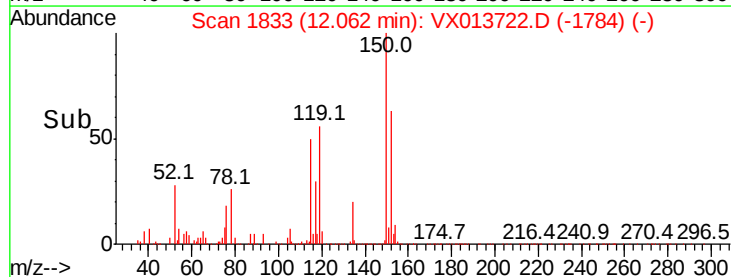
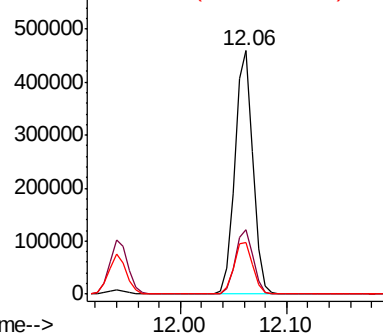
91 22.3 11.3 33.8

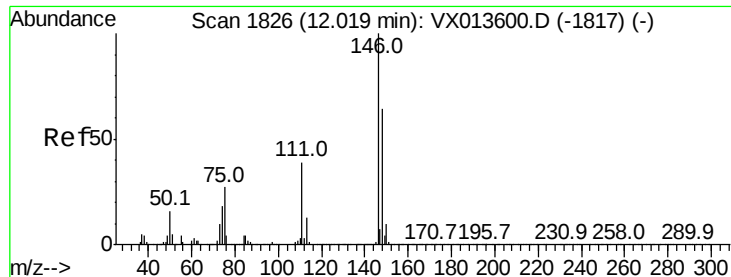


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

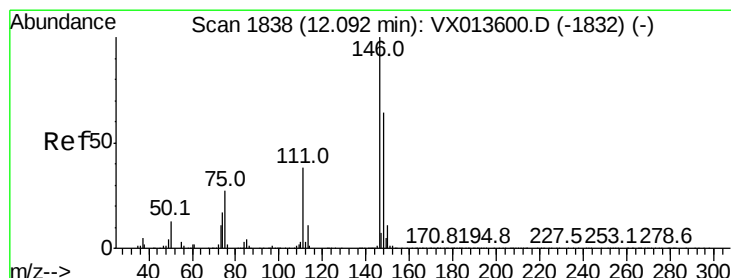
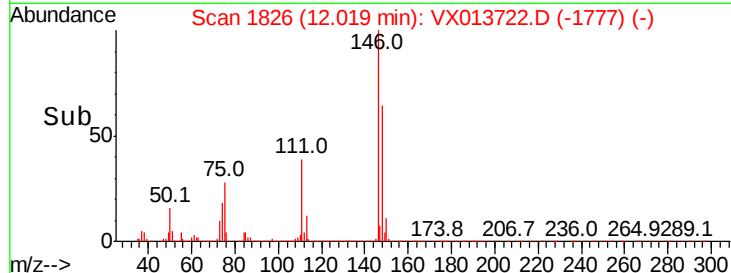
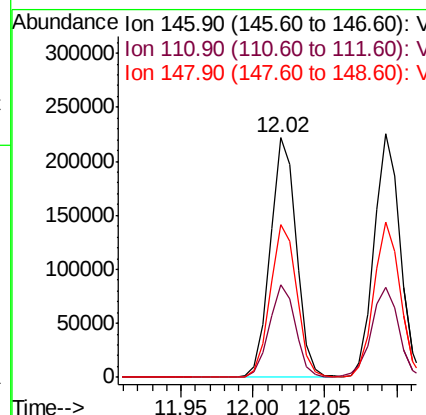
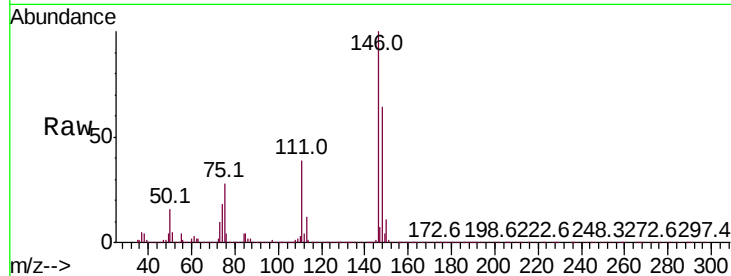




#87
 1,3-Dichlorobenzene
 Concen: 19.230 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

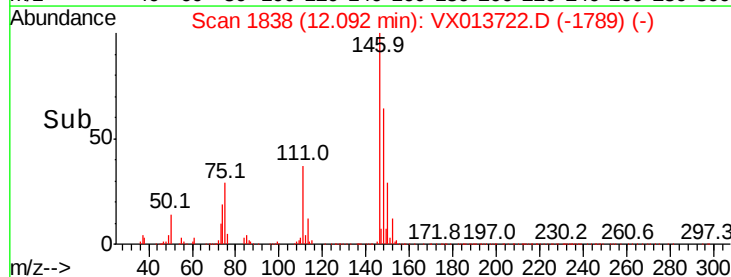
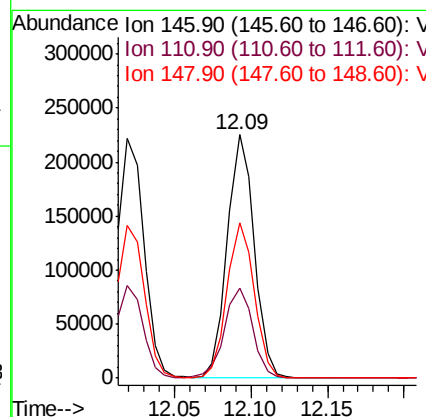
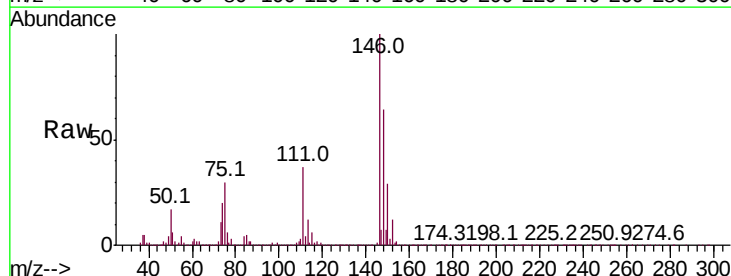
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

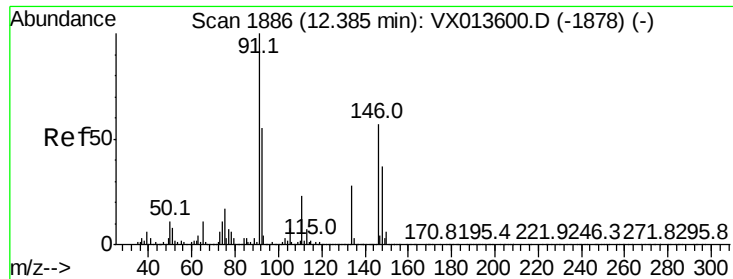
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.6	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.780 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	64.7	31.9	95.5

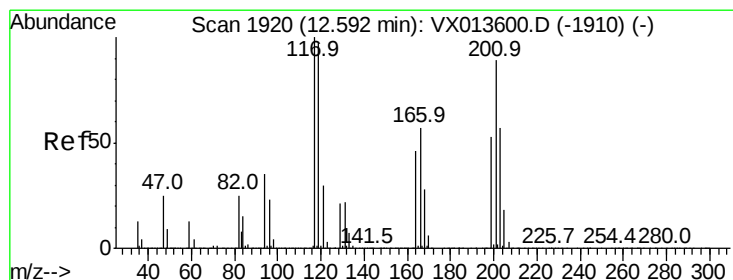
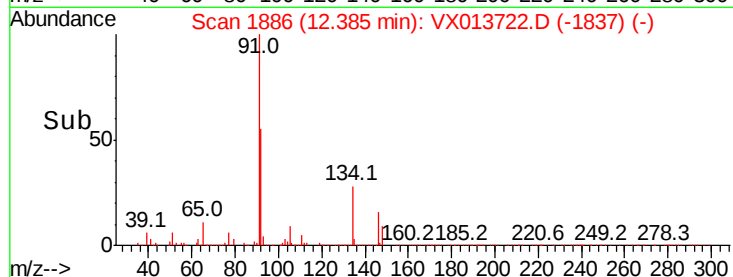
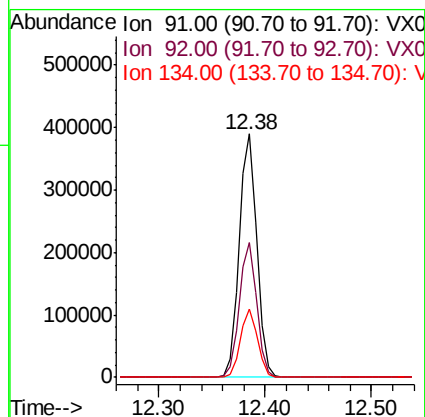
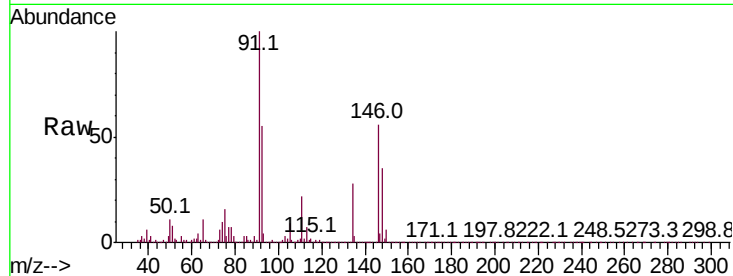




#89
n-Butylbenzene
Concen: 19.725 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

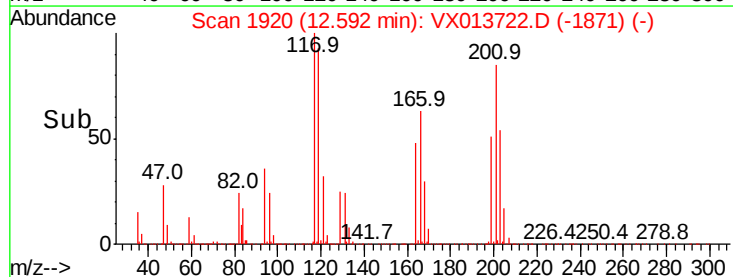
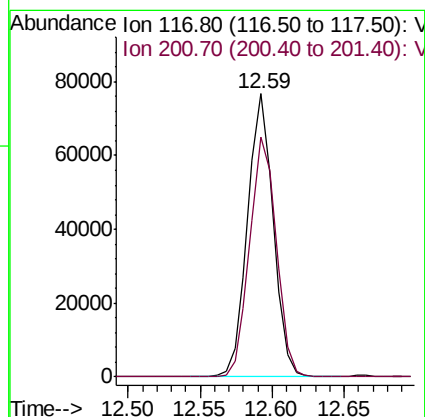
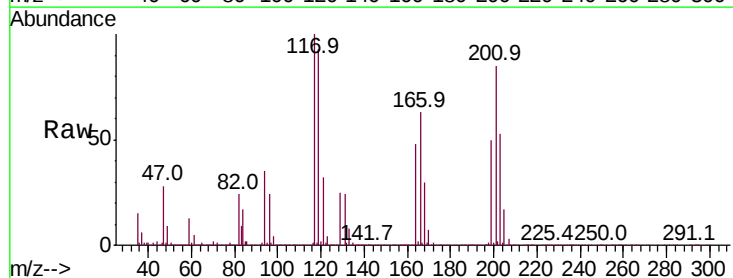
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

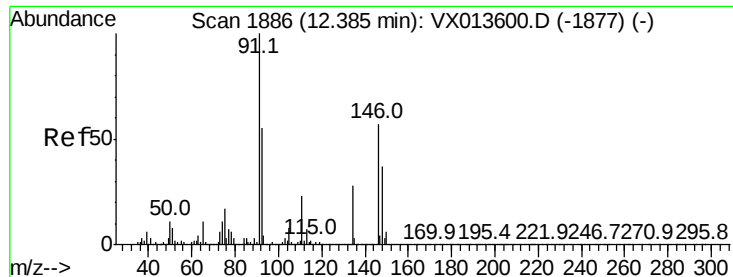
Tot Ion: 91 Resp: 454385
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 27.2 13.5 40.4



#90
Hexachloroethane
Concen: 19.307 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 117 Resp: 94255
Ion Ratio Lower Upper
117 100
201 87.7 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.489 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

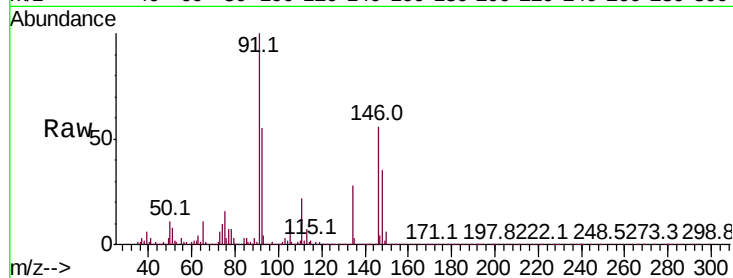
Tot Ion:146 Resp: 276709

Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.7

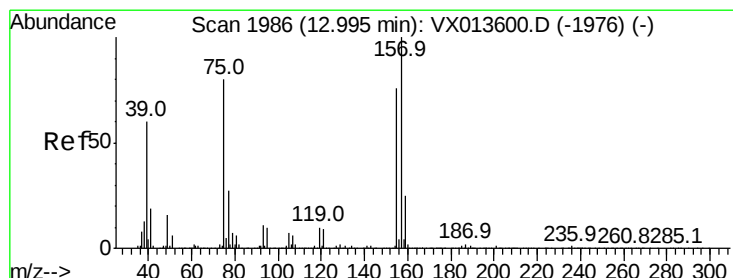
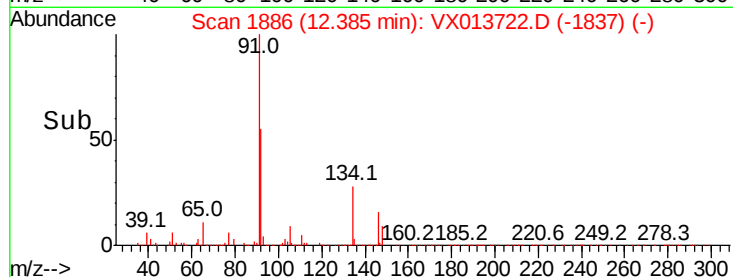
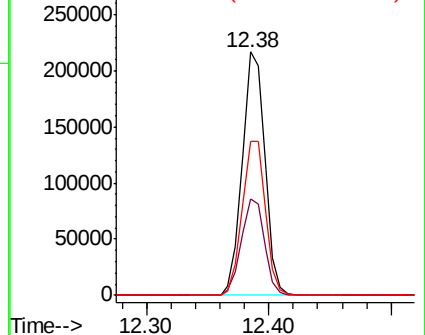
148 64.9 31.9 95.7



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: 19.539 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

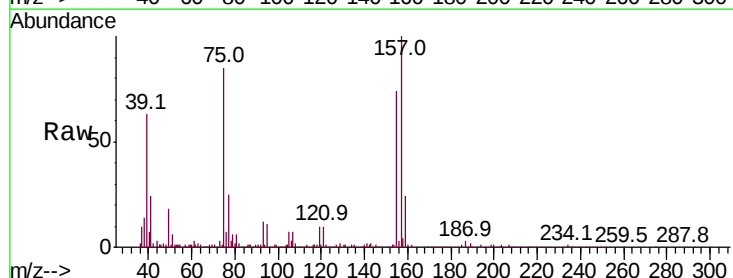
Tgt Ion: 75 Resp: 45029

Ion Ratio Lower Upper

75 100

155 91.9 47.6 142.8

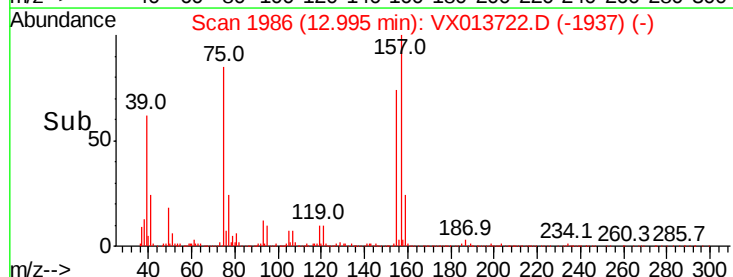
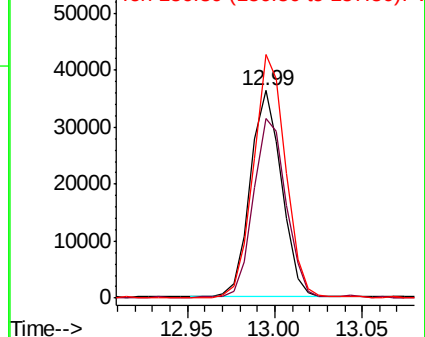
157 122.4 62.1 186.2

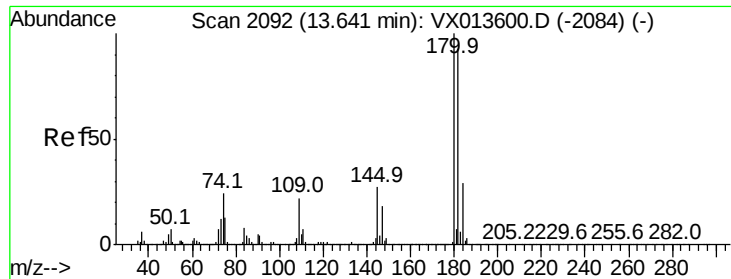


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.891 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

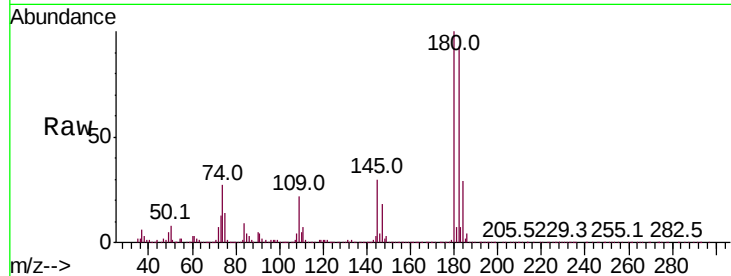
Tot Ion:180 Resp: 186929

Ion Ratio Lower Upper

180 100

182 94.9 47.2 141.6

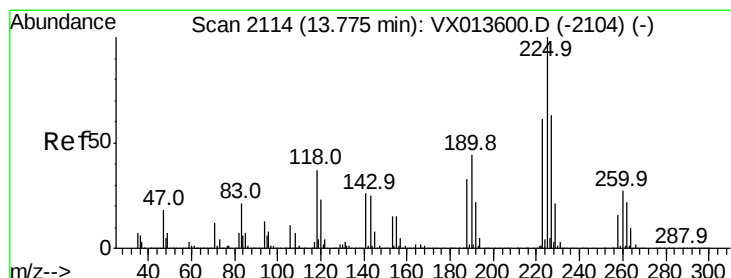
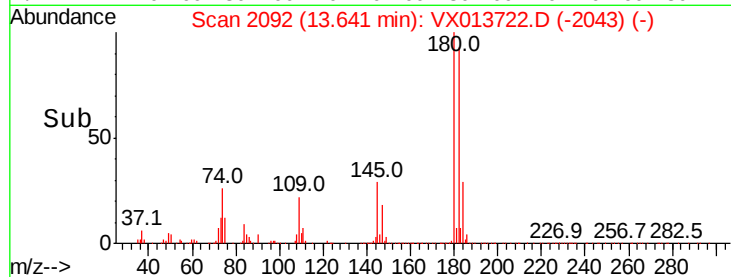
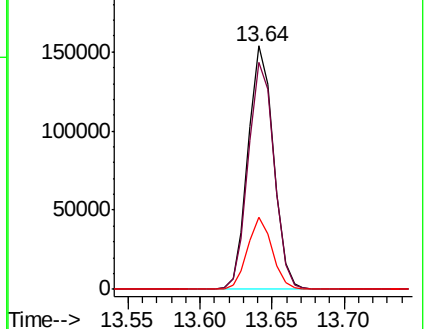
145 28.3 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.710 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

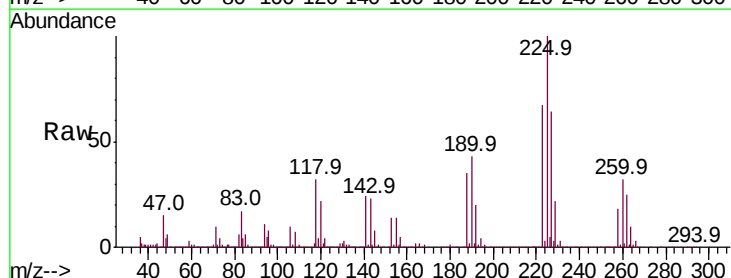
Tgt Ion:225 Resp: 88936

Ion Ratio Lower Upper

225 100

223 65.3 31.9 95.5

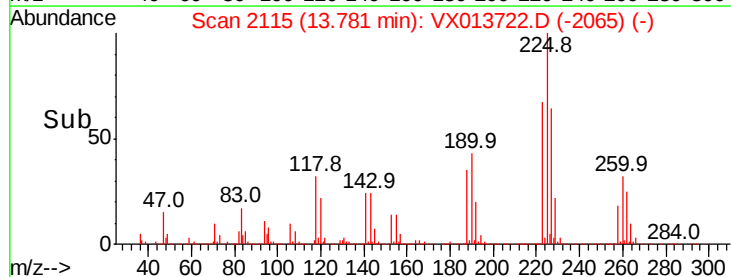
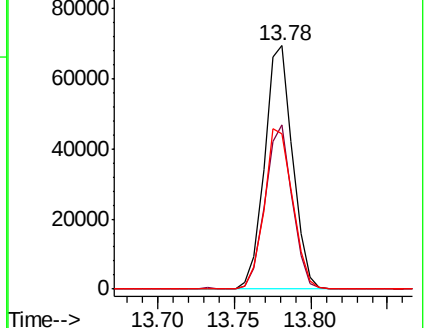
227 66.9 32.1 96.3

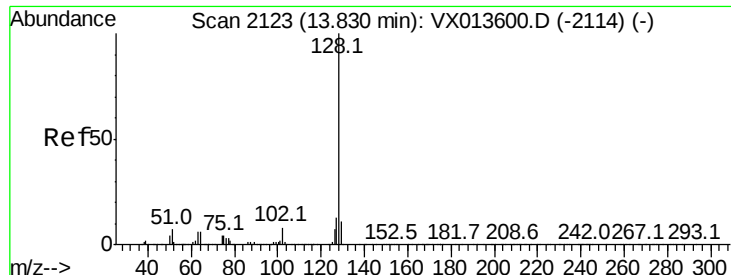


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.606 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

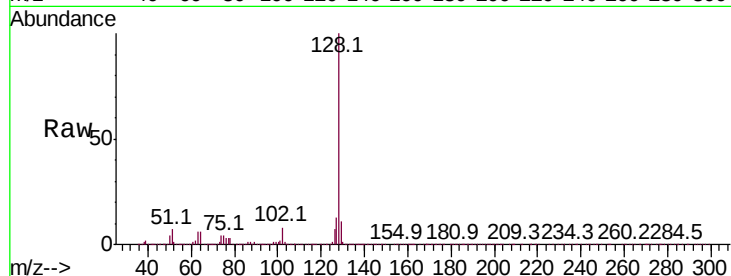
MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion:128 Resp: 577746

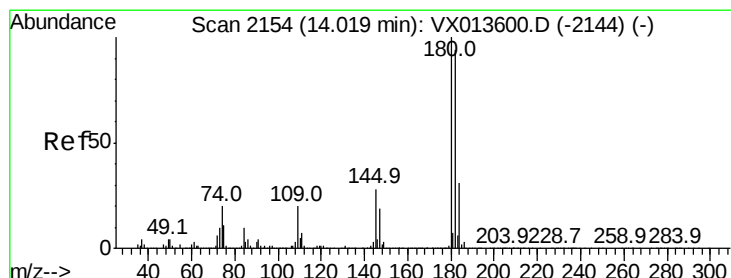
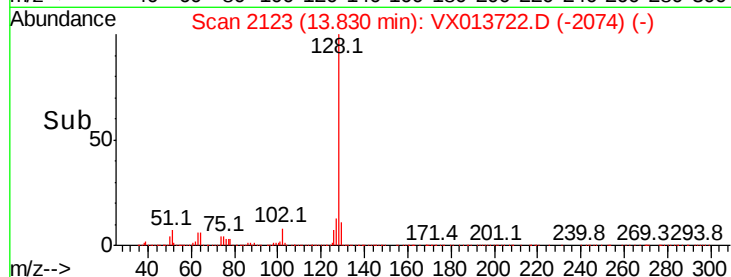
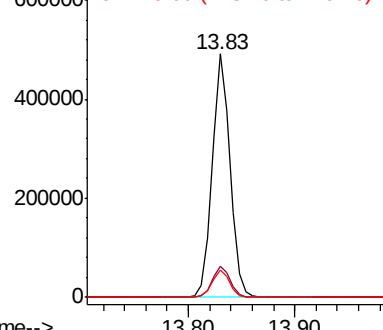
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.124 ug/l

RT: 14.02 min Scan# 2154

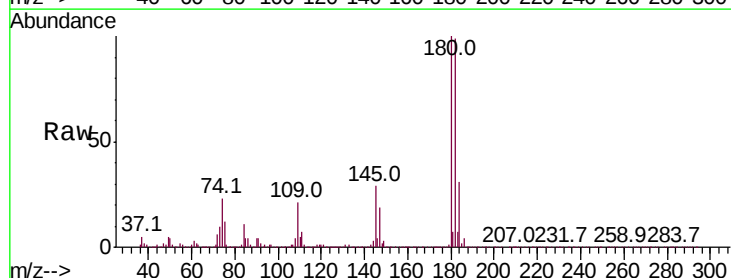
Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:180 Resp: 187366

Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.6	142.8
145	30.0	15.0	45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

