

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013697.D
 Acq On : 29 Nov 2019 13:34
 Operator : JC/SP
 Sample : VX1129WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

Quant Time: Nov 29 22:26:48 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	655983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1007474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	900686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	439414	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	371906	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
35) Dibromofluoromethane	5.49	113	302579	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	1160945	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.14	95	413288	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	145382	19.911	ug/l	98
3) Chloromethane	1.32	50	160361	19.574	ug/l	100
4) Vinyl Chloride	1.40	62	183777	19.930	ug/l	100
5) Bromomethane	1.63	94	103655	16.738	ug/l	100
6) Chloroethane	1.72	64	101573	19.357	ug/l	97
7) Trichlorofluoromethane	1.92	101	199709	19.504	ug/l	100
8) Diethyl Ether	2.18	74	93306	20.142	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	119780	19.152	ug/l	98
10) Methyl Iodide	2.50	142	121434	16.051	ug/l	100
11) Tert butyl alcohol	3.03	59	162241	86.321	ug/l	100
12) 1,1-Dichloroethene	2.36	96	119767	19.185	ug/l	98
13) Acrolein	2.28	56	91411	76.981	ug/l	100
14) Allyl chloride	2.72	41	214015	18.891	ug/l	98
15) Acrylonitrile	3.13	53	368431	94.966	ug/l	99
16) Acetone	2.43	43	352992	93.897	ug/l	98
17) Carbon Disulfide	2.56	76	315142	17.708	ug/l	99
18) Methyl Acetate	2.76	43	210491	20.107	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	405017	19.584	ug/l	98
20) Methylene Chloride	2.84	84	139488	19.313	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	127827	18.796	ug/l	99
22) Diisopropyl ether	3.84	45	431693	19.789	ug/l	95
23) Vinyl Acetate	3.80	43	1737811	95.760	ug/l	100
24) 1,1-Dichloroethane	3.69	63	235227	19.725	ug/l	98
25) 2-Butanone	4.65	43	530484	94.947	ug/l	99
26) 2,2-Dichloropropane	4.58	77	176915	17.931	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	147705	18.912	ug/l	100
28) Bromochloromethane	5.00	49	95052	20.162	ug/l	98
29) Tetrahydrofuran	5.12	42	334718	97.181	ug/l	99
30) Chloroform	5.20	83	266305	22.019	ug/l	100
31) Cyclohexane	5.57	56	213037	18.940	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	192486	19.046	ug/l	100
36) 1,1-Dichloropropene	5.79	75	172460	18.858	ug/l	99
37) Ethyl Acetate	4.82	43	199255	19.421	ug/l	99
38) Carbon Tetrachloride	5.78	117	163277	19.362	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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 ClientSampleId :
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Quant Time: Nov 29 22:26:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207651	18.369	ug/l	95
40) Benzene	6.14	78	536977	19.279	ug/l	97
41) Methacrylonitrile	5.03	41	109232	19.414	ug/l	98
42) 1,2-Dichloroethane	6.18	62	186071	19.588	ug/l	100
43) Isopropyl Acetate	6.43	43	318488	18.856	ug/l	100
44) Trichloroethene	7.20	130	145056	18.976	ug/l	94
45) 1,2-Dichloropropane	7.51	63	139608	20.033	ug/l	98
46) Dibromomethane	7.65	93	91007	19.228	ug/l	99
47) Bromodichloromethane	7.89	83	175732	19.640	ug/l	99
48) Methyl methacrylate	7.76	41	156919	19.121	ug/l	99
49) 1,4-Dioxane	7.73	88	69038	375.821	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1022540	96.242	ug/l	100
52) Toluene	8.78	92	333652	19.282	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	186194	18.282	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	208909	18.775	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	138188	19.817	ug/l	99
56) Ethyl methacrylate	9.17	69	212889	18.989	ug/l	99
57) 1,3-Dichloropropane	9.37	76	230341	19.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	413119	93.986	ug/l	99
59) 2-Hexanone	9.48	43	783902	94.601	ug/l	99
60) Dibromochloromethane	9.58	129	136951	18.925	ug/l	99
61) 1,2-Dibromoethane	9.67	107	144861	19.451	ug/l	98
64) Tetrachloroethene	9.33	164	130313	19.401	ug/l	98
65) Chlorobenzene	10.14	112	357807	19.134	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	131771	19.623	ug/l	99
67) Ethyl Benzene	10.25	91	625671	19.471	ug/l	99
68) m/p-Xylenes	10.35	106	472371	38.396	ug/l	99
69) o-Xylene	10.70	106	228597	19.052	ug/l	96
70) Styrene	10.71	104	394895	19.565	ug/l	99
71) Bromoform	10.85	173	104609	18.828	ug/l #	99
73) Isopropylbenzene	11.01	105	615776	19.978	ug/l	100
74) N-amyl acetate	10.89	43	276333	19.571	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	214955	20.109	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	233275	23.603	ug/l	89
77) Bromobenzene	11.25	156	160954	19.329	ug/l	99
78) n-propylbenzene	11.35	91	676925	19.673	ug/l	100
79) 2-Chlorotoluene	11.42	91	409799	19.854	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	508374	20.124	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63495	17.576	ug/l	97
82) 4-Chlorotoluene	11.51	91	466928	19.532	ug/l	99
83) tert-Butylbenzene	11.77	119	512216	19.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	510281	19.903	ug/l	99
85) sec-Butylbenzene	11.94	105	579884	19.774	ug/l	99
86) p-Isopropyltoluene	12.06	119	529531	19.410	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	277313	19.105	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	272477	18.430	ug/l	99
89) n-Butylbenzene	12.39	91	441216	18.962	ug/l	99
90) Hexachloroethane	12.59	117	91885	18.634	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	276251	19.262	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43609	18.734	ug/l	98

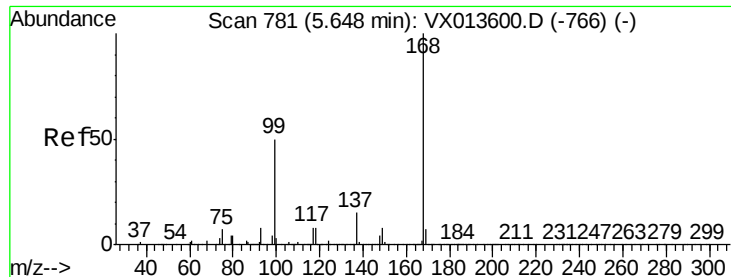
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013697.D
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Operator : JC/SP
Sample : VX1129WBS01
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Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

Quant Time: Nov 29 22:26:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	179893	17.998	ug/l	99
94) Hexachlorobutadiene	13.78	225	85763	17.862	ug/l	98
95) Naphthalene	13.83	128	562314	18.891	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	183181	18.510	ug/l	100

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

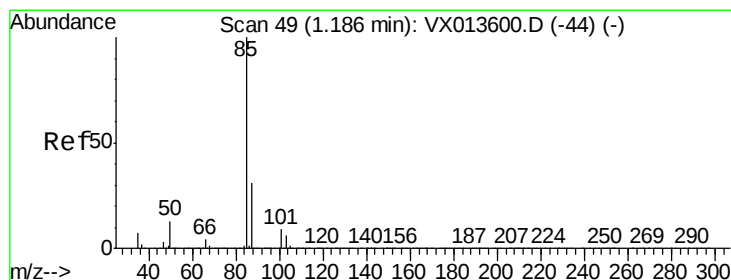
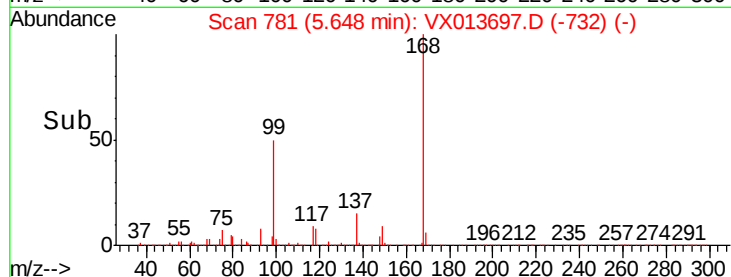
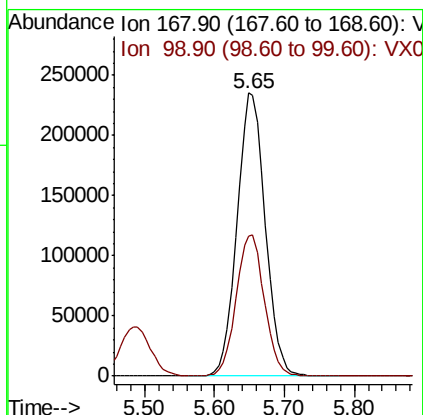
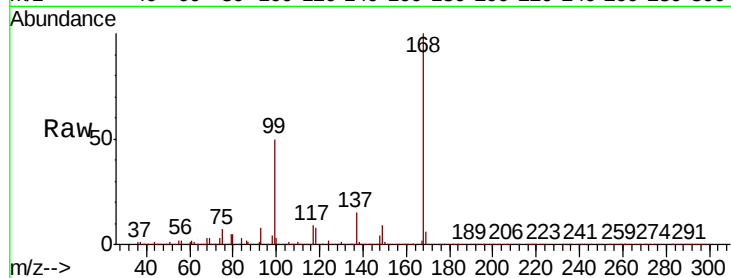


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX1129WBS01

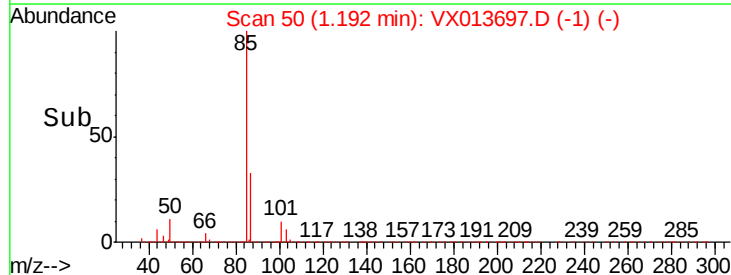
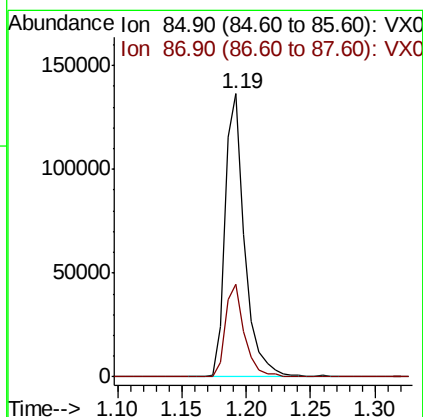
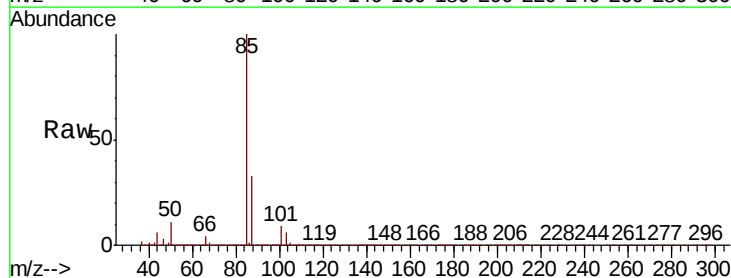
Tot Ion:168 Resp: 655983
 Ion Ratio Lower Upper
 168 100
 99 49.5 39.8 59.8

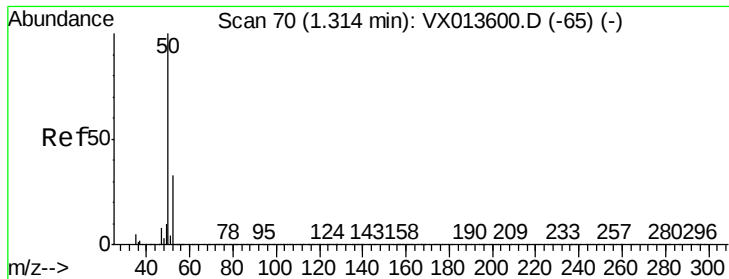


#2

Dichlorodifluoromethane
 Concen: 19.911 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Tgt Ion: 85 Resp: 145382
 Ion Ratio Lower Upper
 85 100
 87 32.4 15.7 47.1





#3

Chloromethane

Concen: 19.574 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

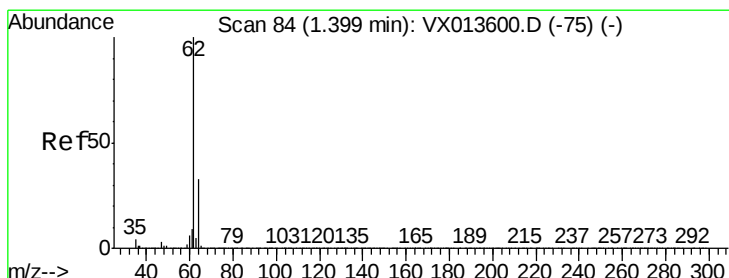
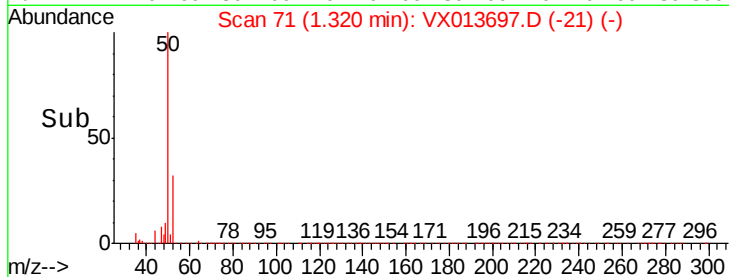
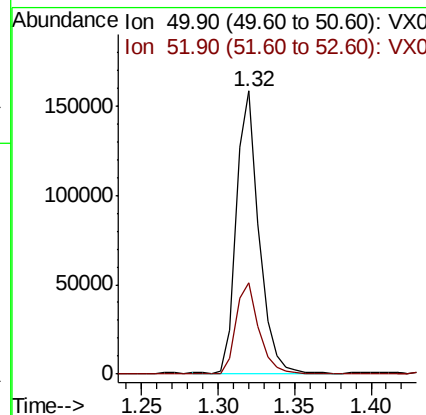
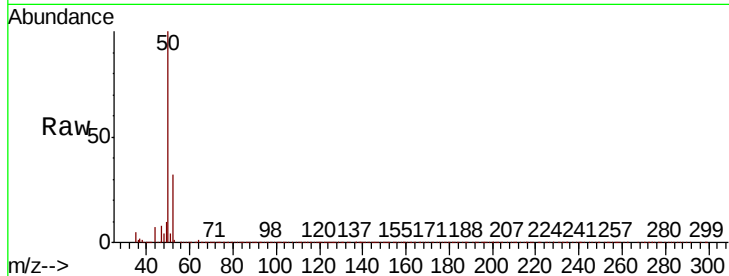
VX1129WBS01

Tot Ion: 50 Resp: 160361

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 19.930 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013697.D

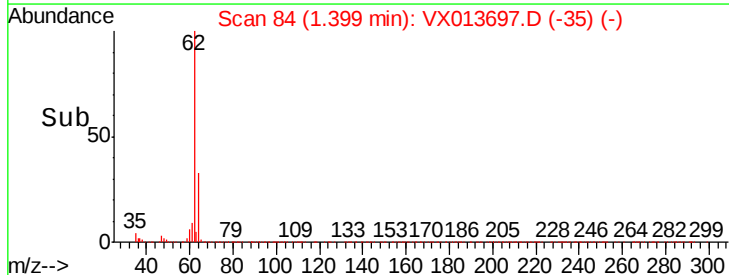
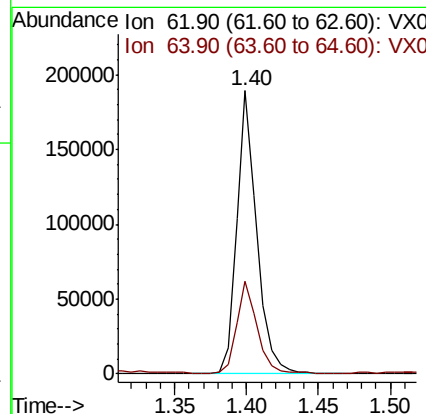
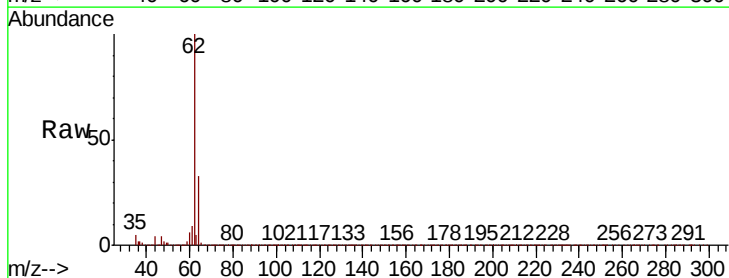
Acq: 29 Nov 2019 13:34

Tgt Ion: 62 Resp: 183777

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 16.738 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

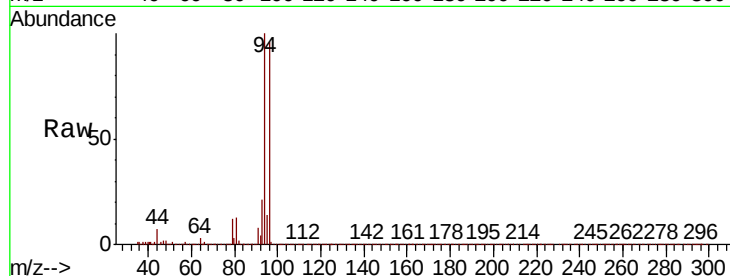
VX1129WBS01

Tot Ion: 94 Resp: 103655

Ion Ratio Lower Upper

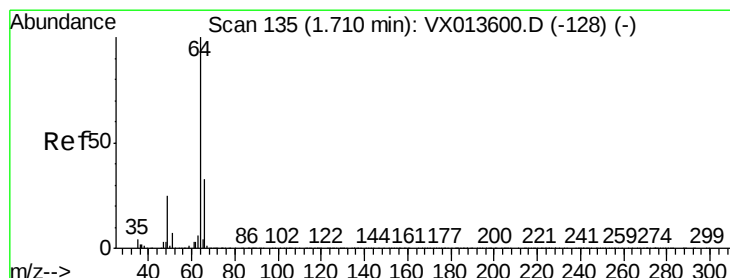
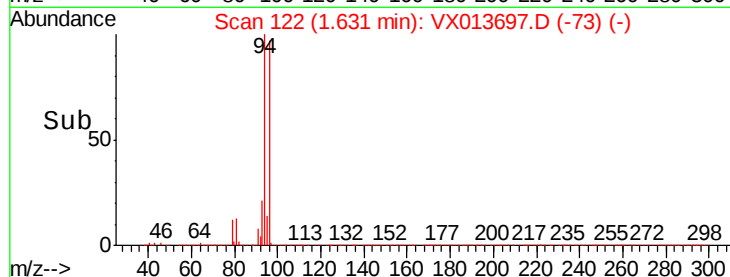
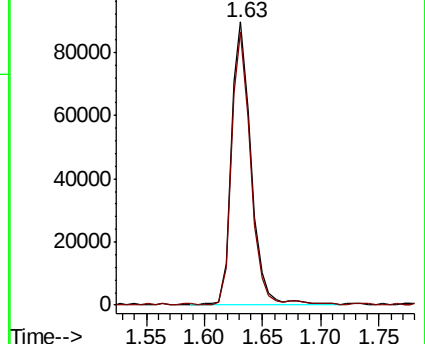
94 100

96 96.4 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.357 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013697.D

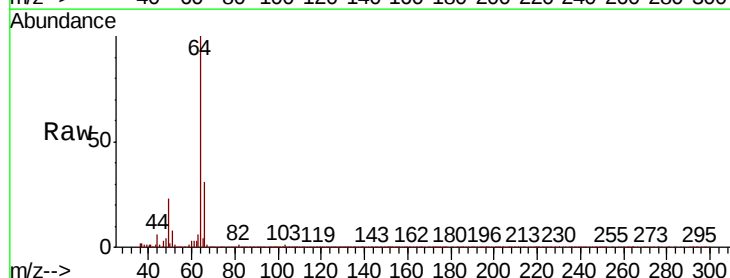
Acq: 29 Nov 2019 13:34

Tgt Ion: 64 Resp: 101573

Ion Ratio Lower Upper

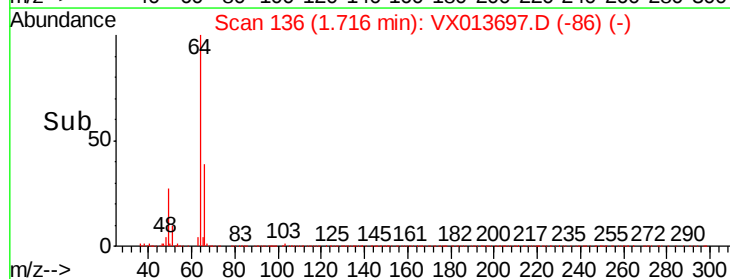
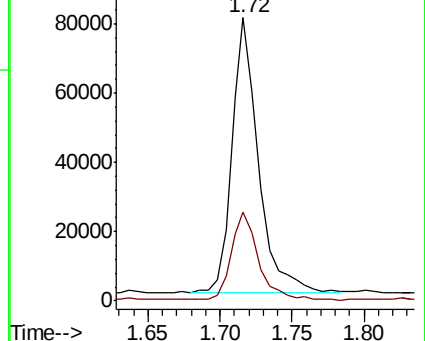
64 100

66 31.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



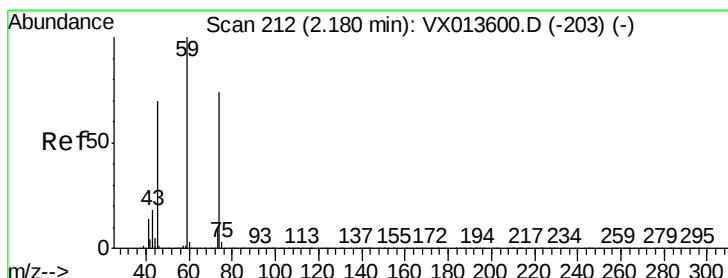
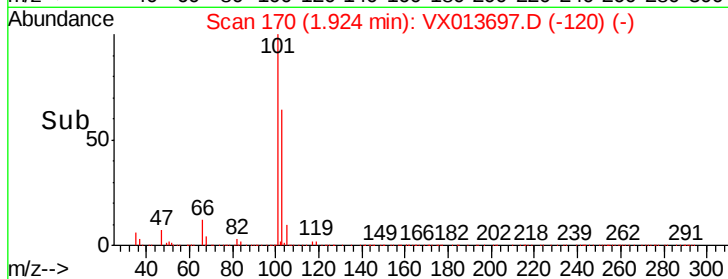
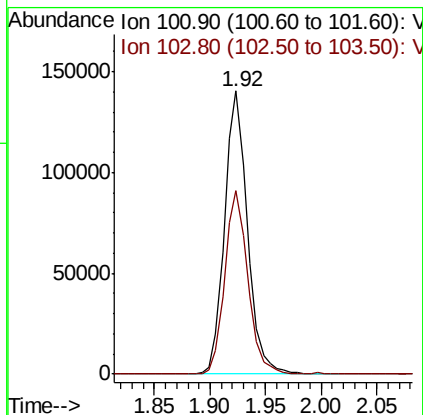
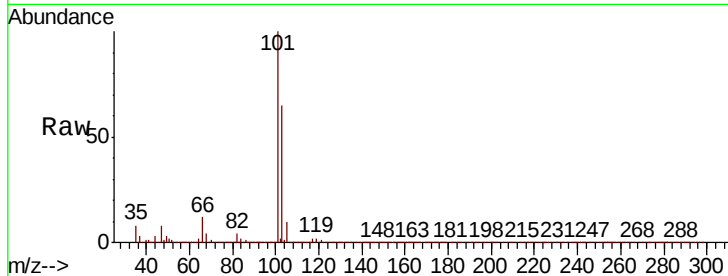


#7

Trichlorofluoromethane
Concen: 19.504 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

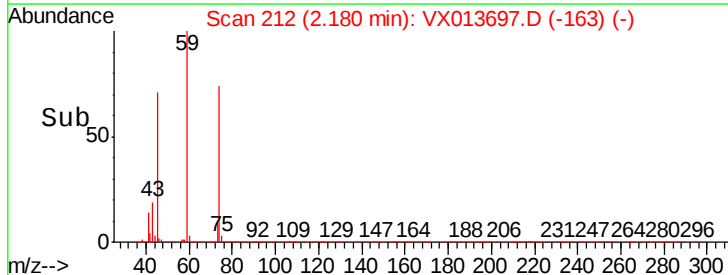
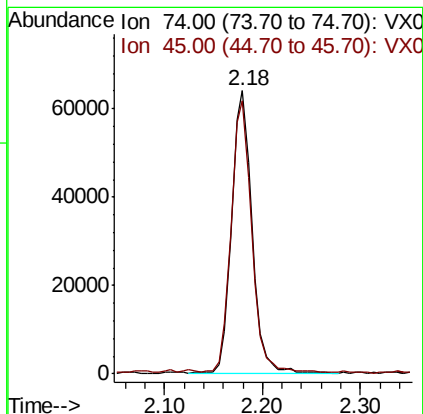
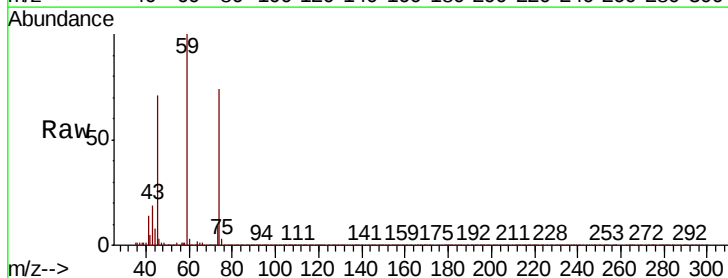
Tot Ion:101 Resp: 199709
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

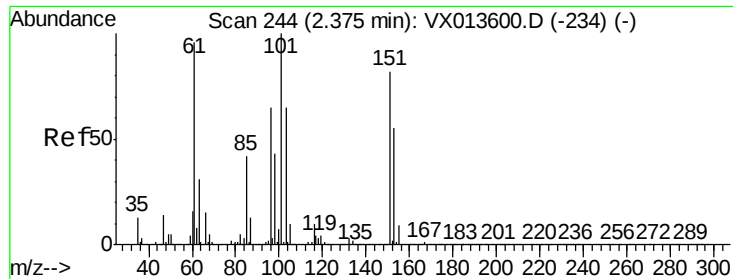


#8

Diethyl Ether
Concen: 20.142 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion: 74 Resp: 93306
Ion Ratio Lower Upper
74 100
45 95.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.152 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBS01

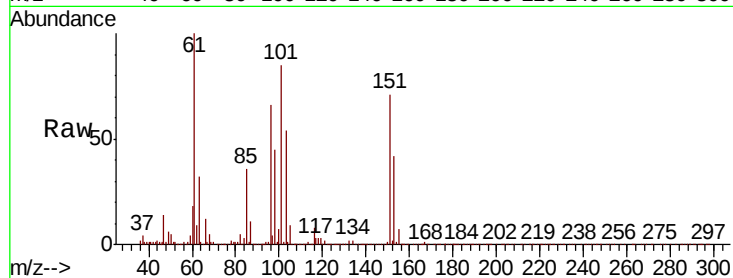
Tot Ion:101 Resp: 119780

Ion Ratio Lower Upper

101 100

85 42.7 33.9 50.9

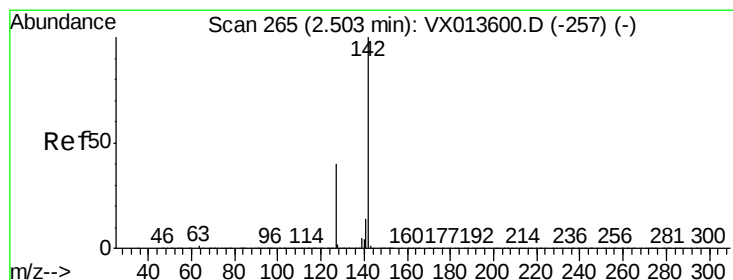
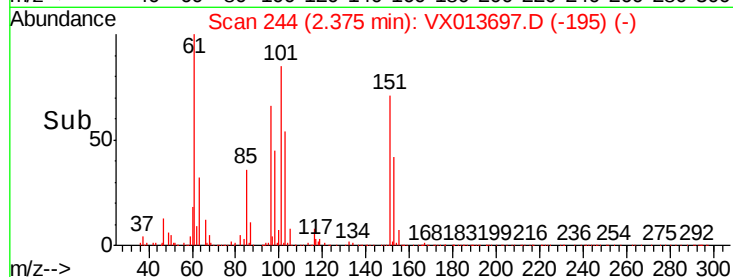
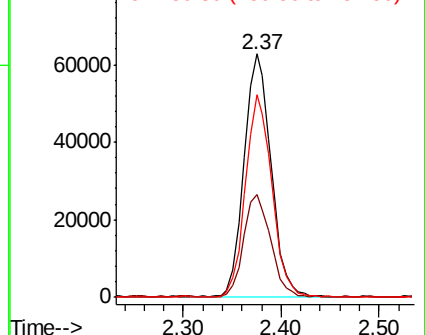
151 82.3 64.2 96.2



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: 16.051 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

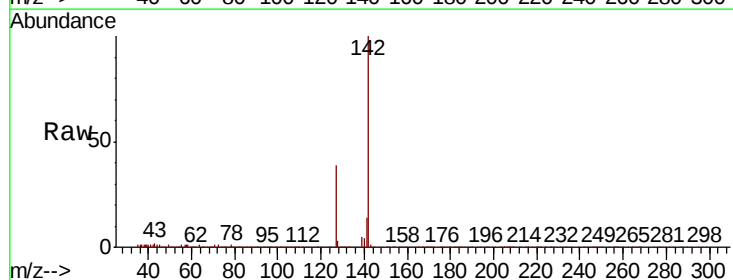
Tgt Ion:142 Resp: 121434

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

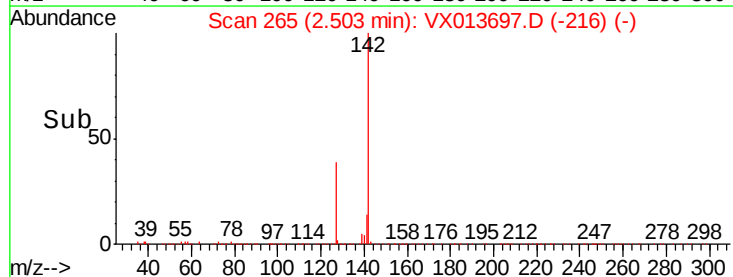
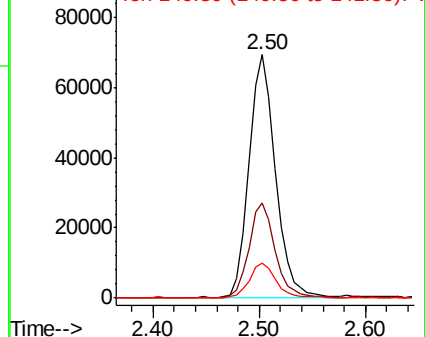
141 14.3 11.6 17.4



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



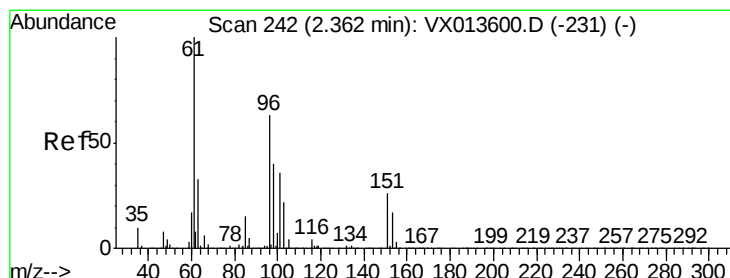
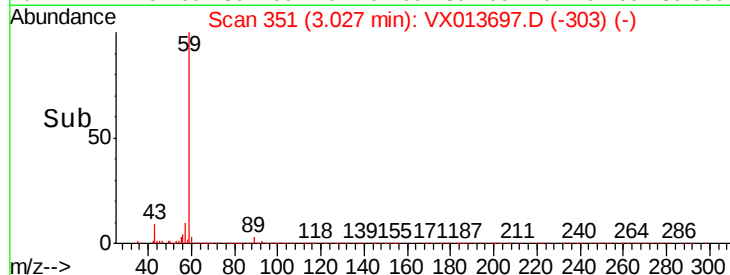
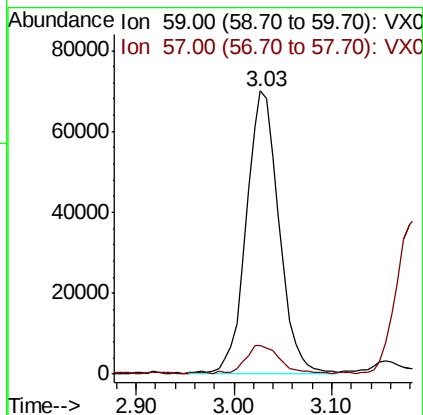
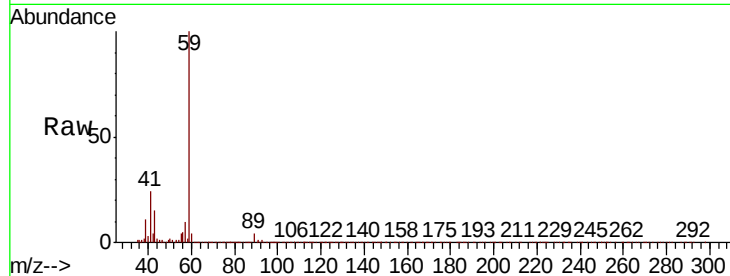


#11

Tert butyl alcohol
Concen: 86.321 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

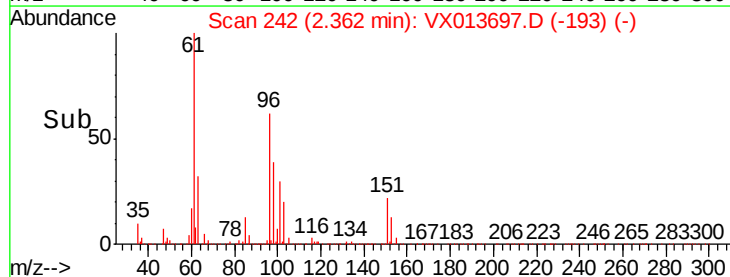
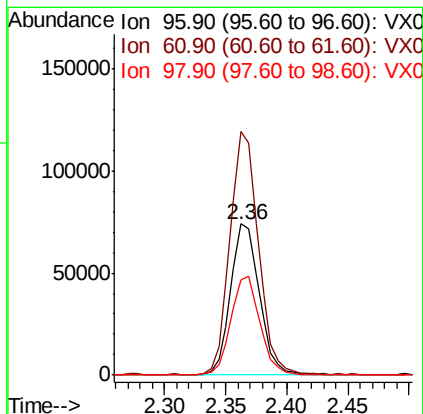
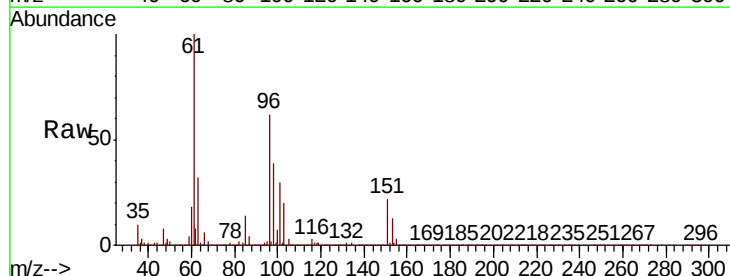
Tot Ion: 59 Resp: 162241
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6

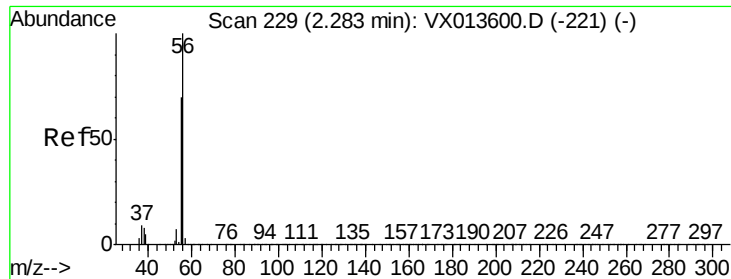


#12

1,1-Dichloroethene
Concen: 19.185 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion: 96 Resp: 119767
Ion Ratio Lower Upper
96 100
61 160.9 126.6 190.0
98 62.8 50.6 76.0

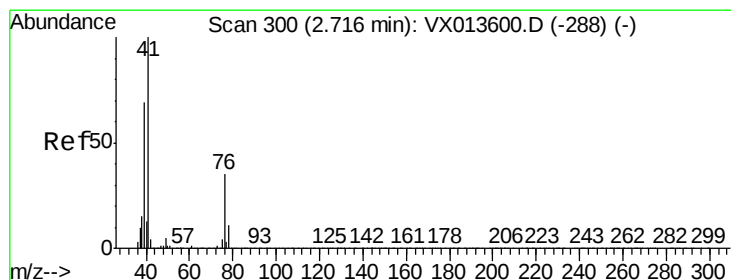
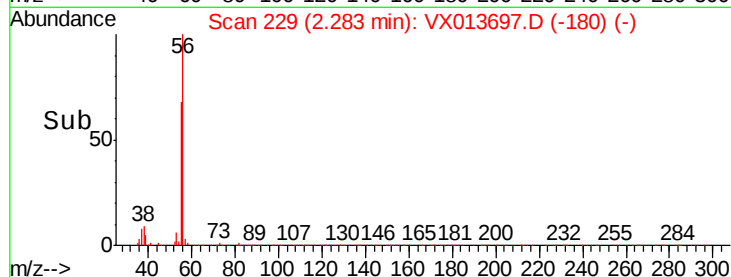
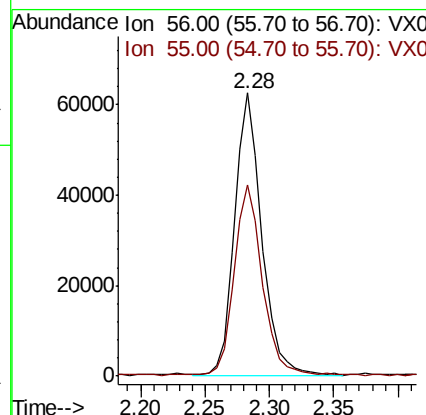
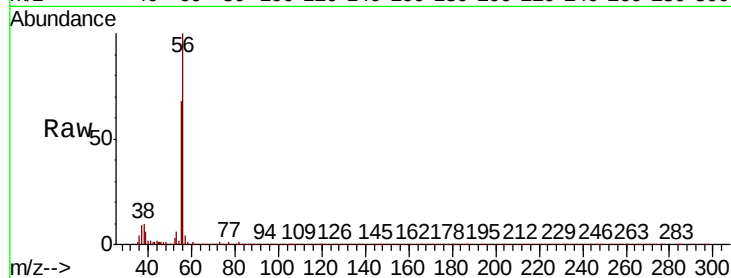




#13
Acrolein
Concen: 76.981 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

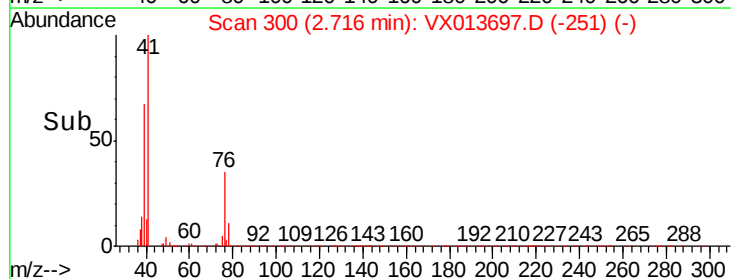
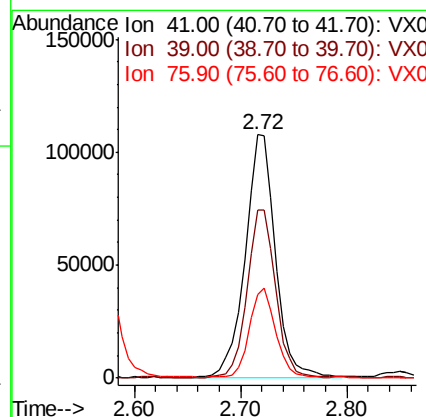
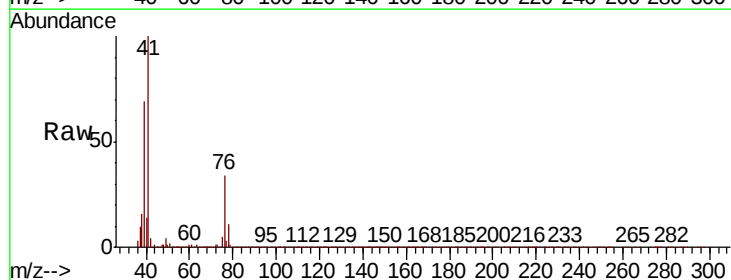
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

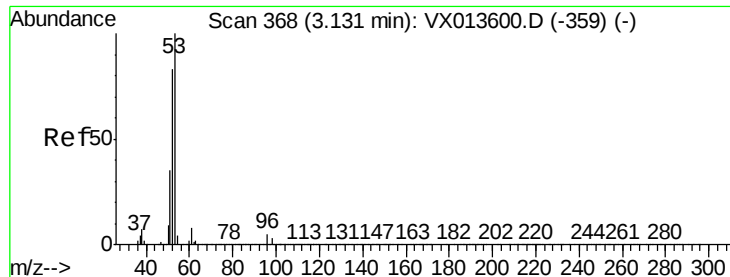
Tot Ion: 56 Resp: 91411
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.4



#14
Allyl chloride
Concen: 18.891 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion: 41 Resp: 214015
Ion Ratio Lower Upper
41 100
39 66.2 51.7 77.5
76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 94.966 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

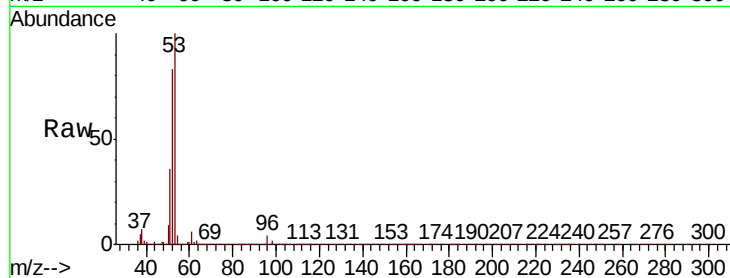
MSVOA_X

ClientSampleId :

VX1129WBS01

Tot Ion: 53 Resp: 368431

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	35.9	29.0	43.6

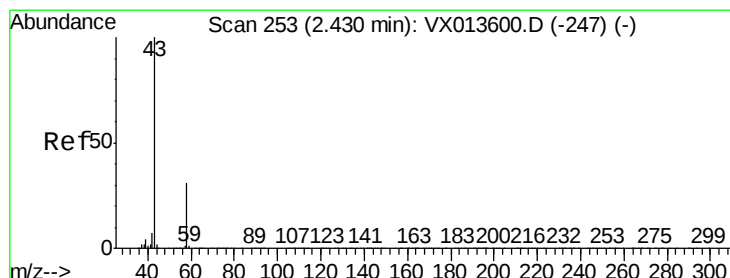
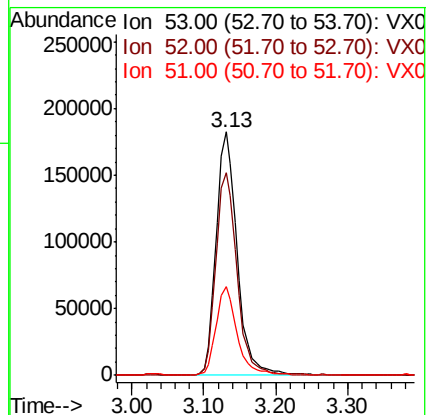
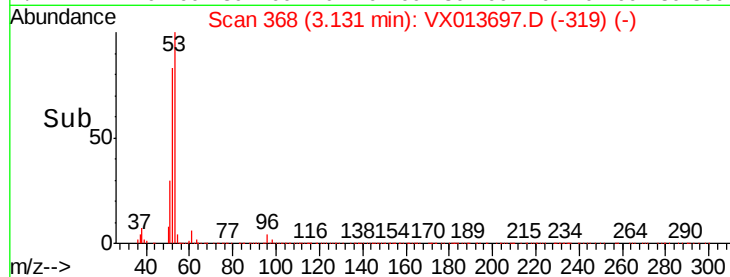


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.897 ug/l

RT: 2.43 min Scan# 253

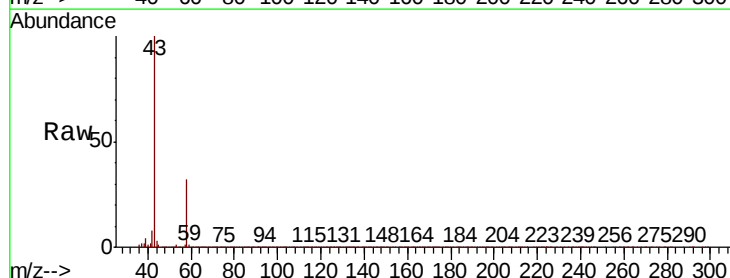
Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Tgt Ion: 43 Resp: 352992

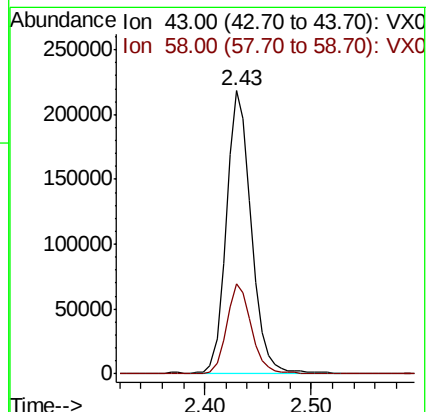
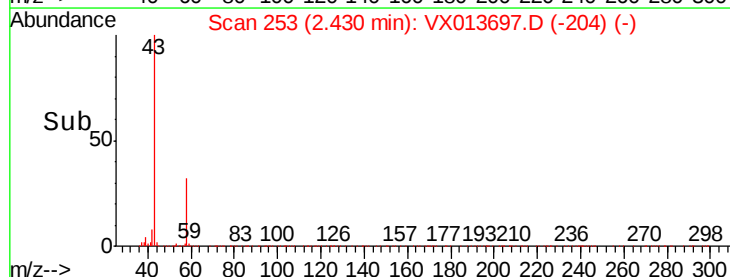
Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.6	36.8

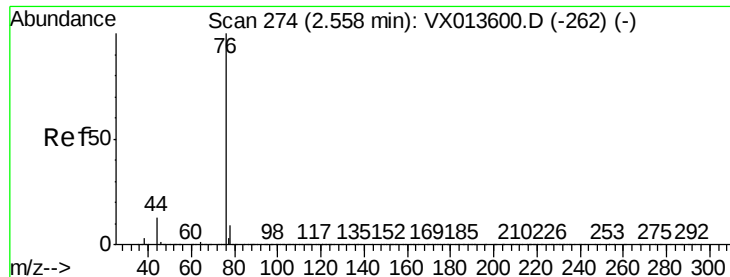


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.708 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

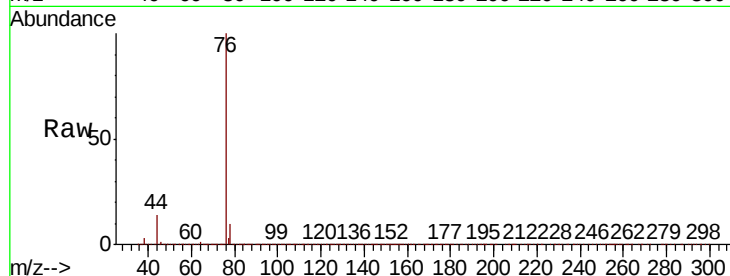
VX1129WBS01

Tot Ion: 76 Resp: 315142

Ion Ratio Lower Upper

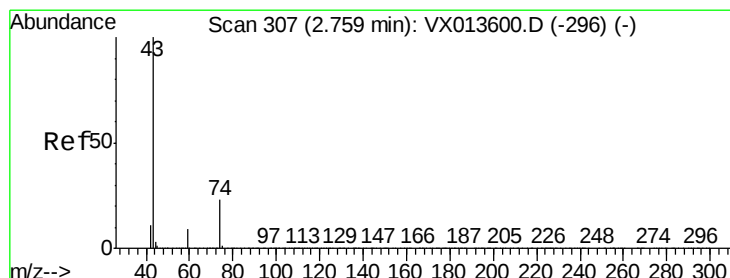
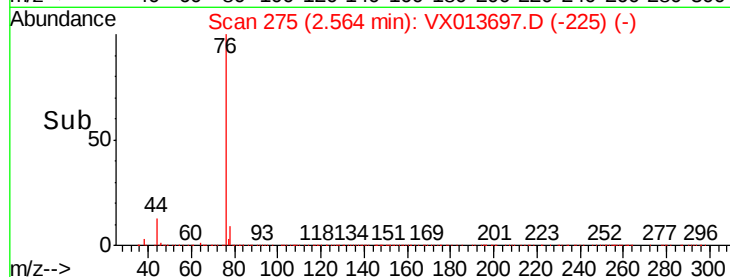
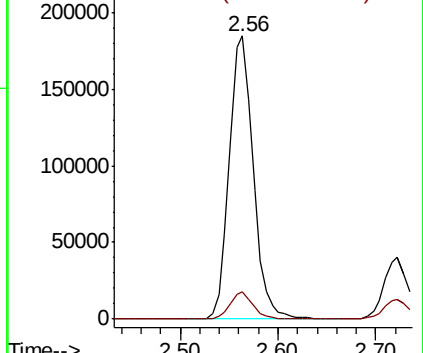
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.107 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013697.D

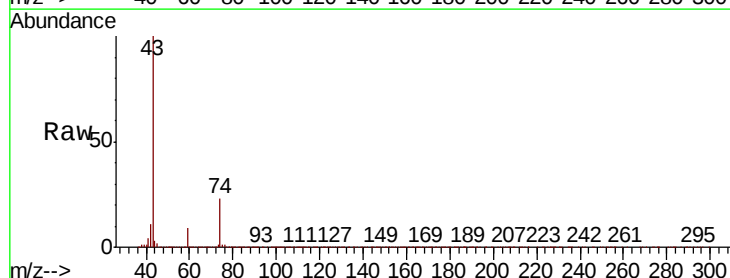
Acq: 29 Nov 2019 13:34

Tgt Ion: 43 Resp: 210491

Ion Ratio Lower Upper

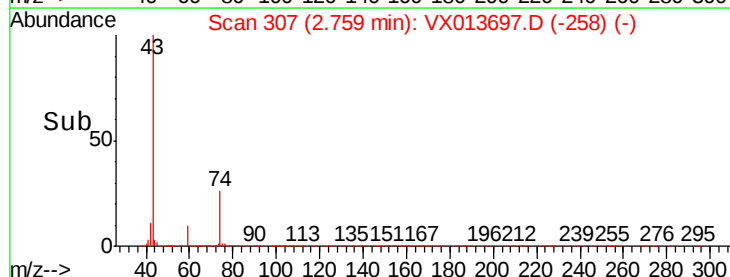
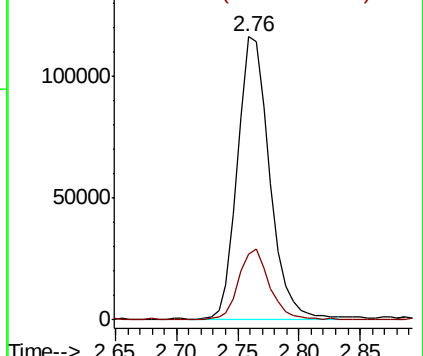
43 100

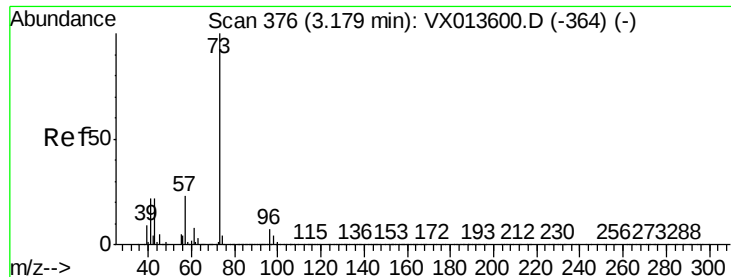
74 24.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

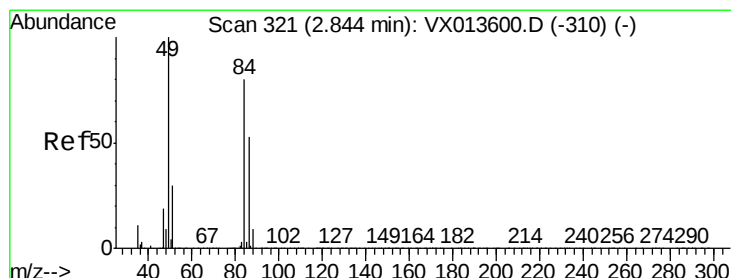
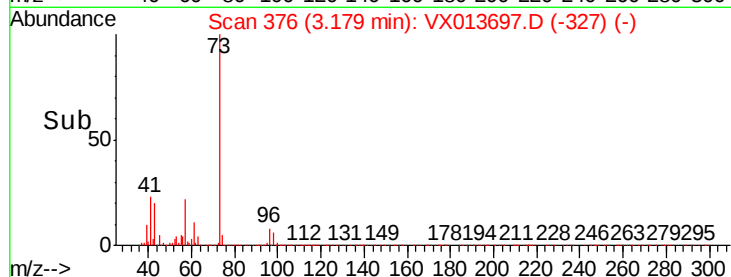
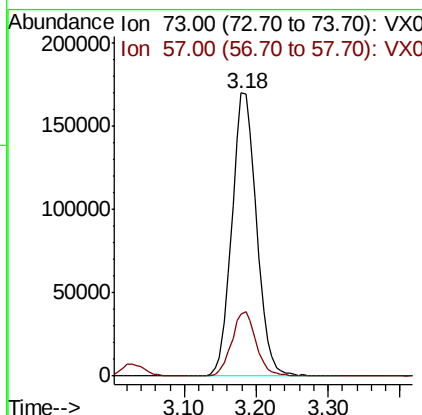
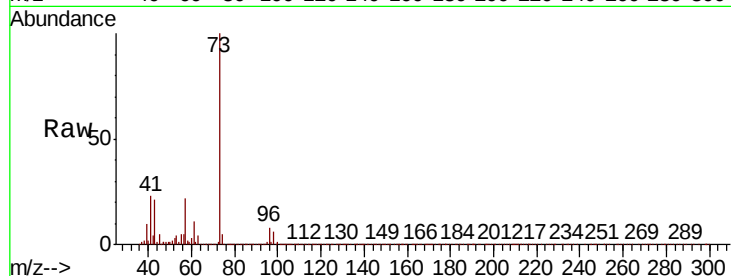




#19
Methvl tert-butvl Ether
Concen: 19.584 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

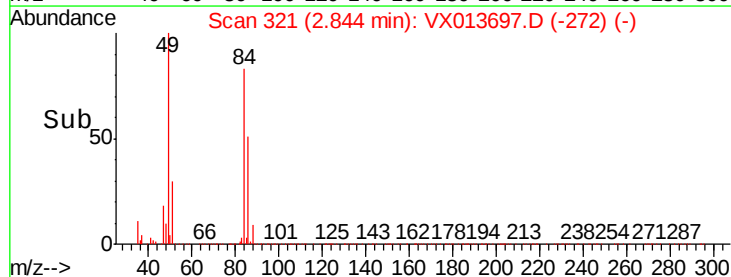
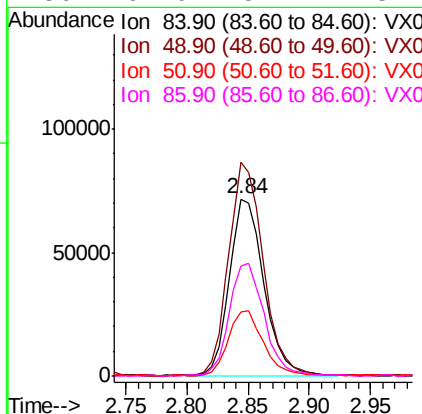
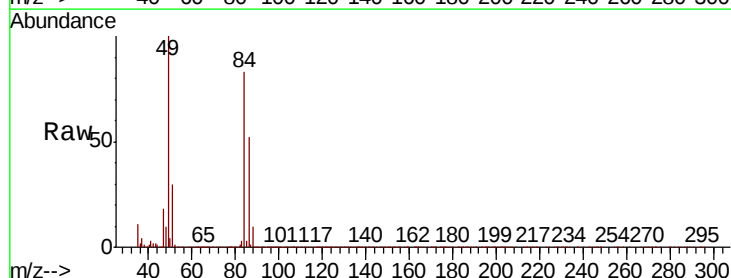
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

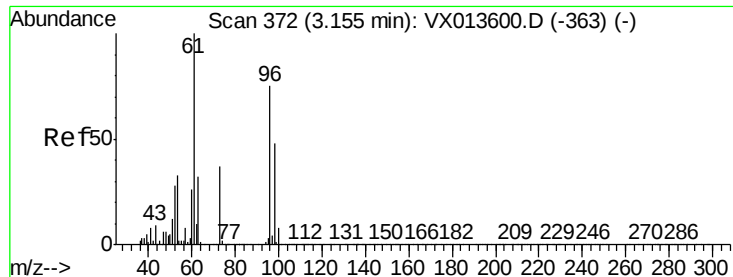
Tot Ion: 73 Resp: 405017
Ion Ratio Lower Upper
73 100
57 21.7 18.3 27.5



#20
Methylene Chloride
Concen: 19.313 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion: 84 Resp: 139488
Ion Ratio Lower Upper
84 100
49 120.2 99.7 149.5
51 36.1 29.9 44.9
86 61.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.796 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBS01

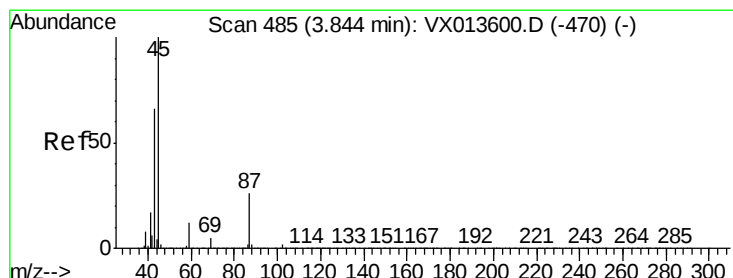
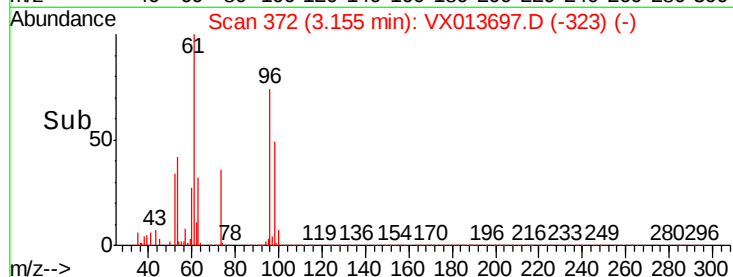
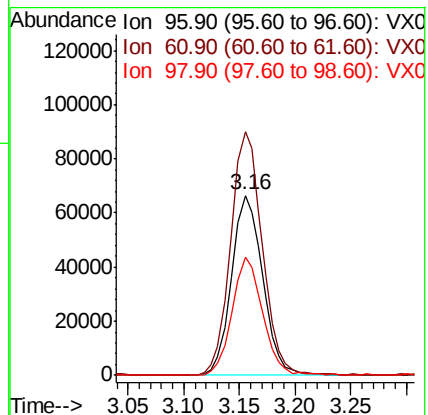
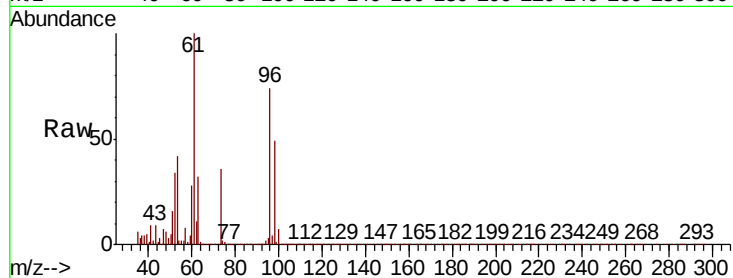
Tot Ion: 96 Resp: 127827

Ion Ratio Lower Upper

96 100

61 135.6 107.2 160.8

98 65.6 51.4 77.0



#22

Diisopropyl ether

Concen: 19.789 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Tgt Ion: 45 Resp: 431693

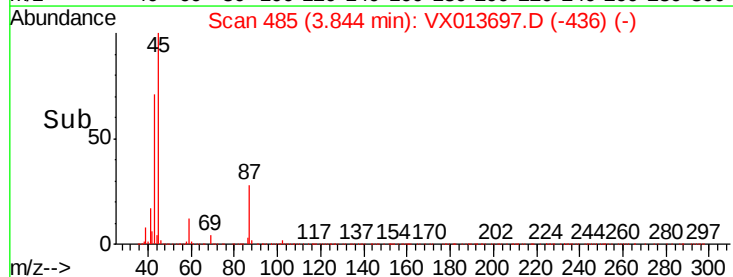
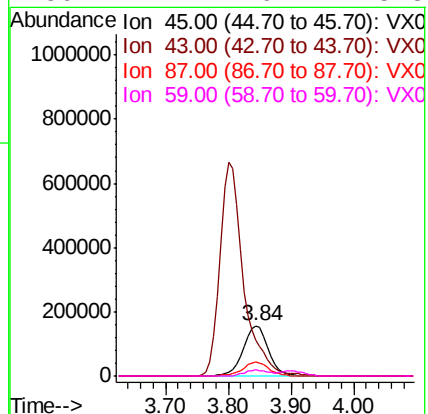
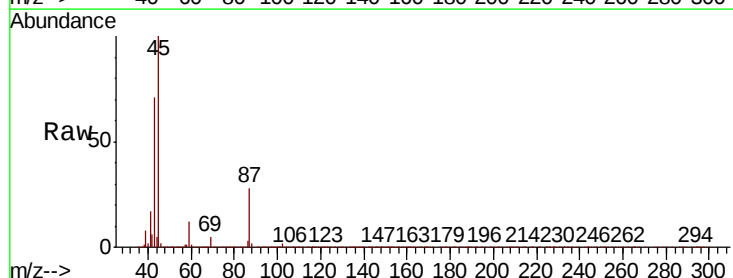
Ion Ratio Lower Upper

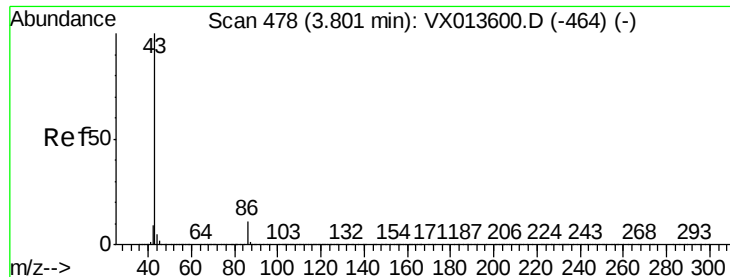
45 100

43 70.5 52.6 79.0

87 27.9 21.1 31.7

59 12.2 9.2 13.8

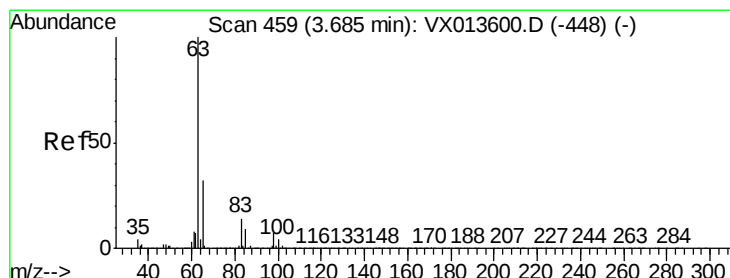
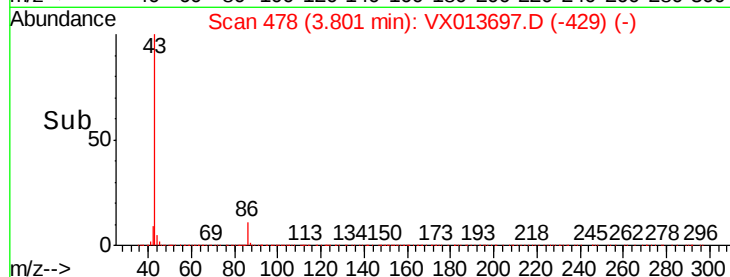
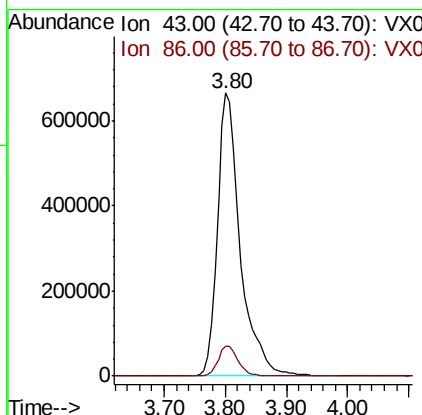
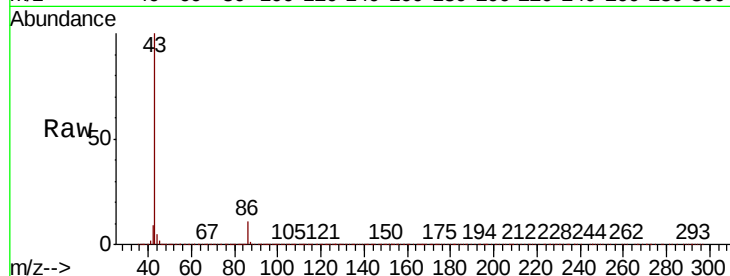




#23
 Vinyl Acetate
 Concen: 95.760 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

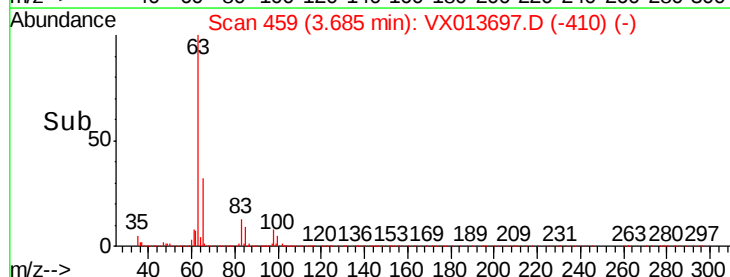
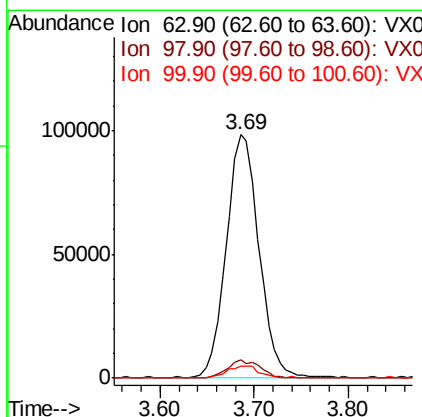
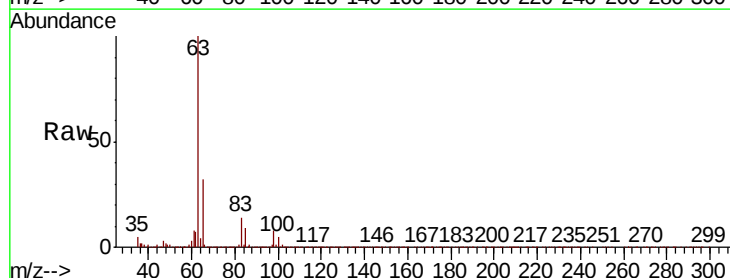
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

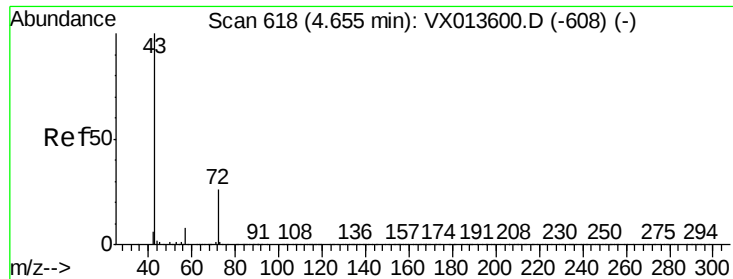
Tot Ion: 43 Resp: 1737811
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.725 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Tgt Ion: 63 Resp: 235227
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.0 2.1 6.3





#25

2-Butanone

Concen: 94.947 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

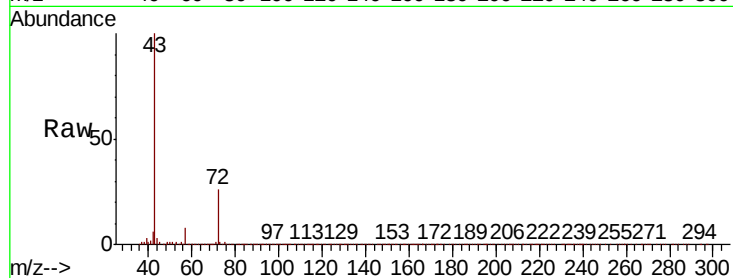
VX1129WBS01

Tot Ion: 43 Resp: 530484

Ion Ratio Lower Upper

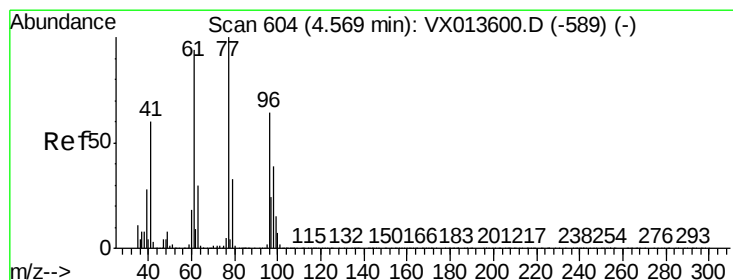
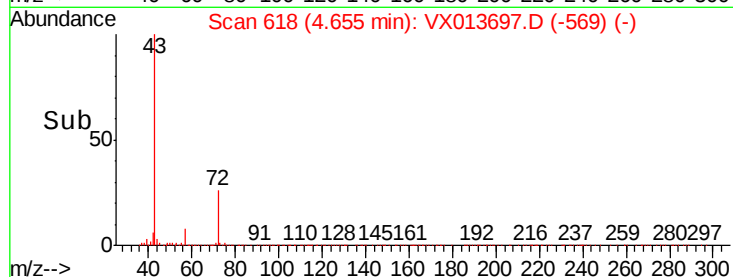
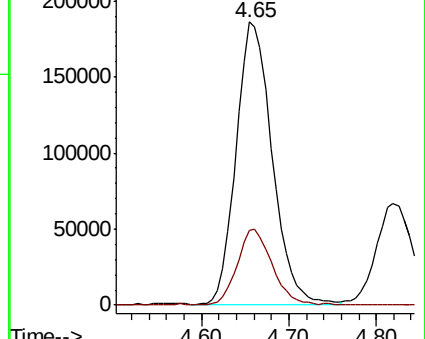
43 100

72 26.2 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: 17.931 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013697.D

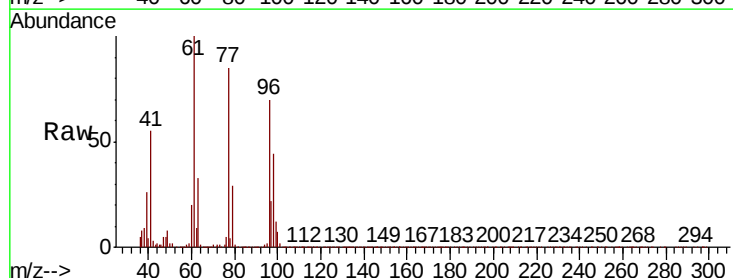
Acq: 29 Nov 2019 13:34

Tgt Ion: 77 Resp: 176915

Ion Ratio Lower Upper

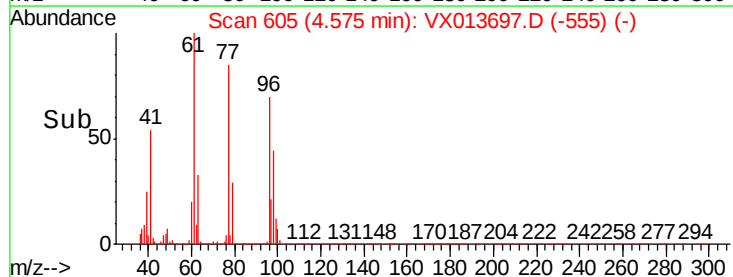
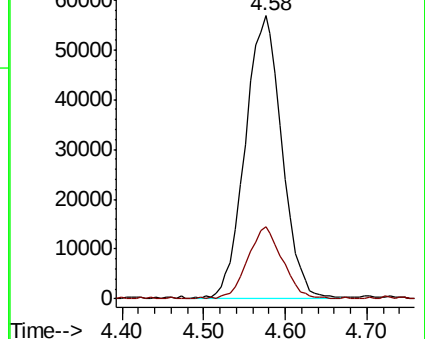
77 100

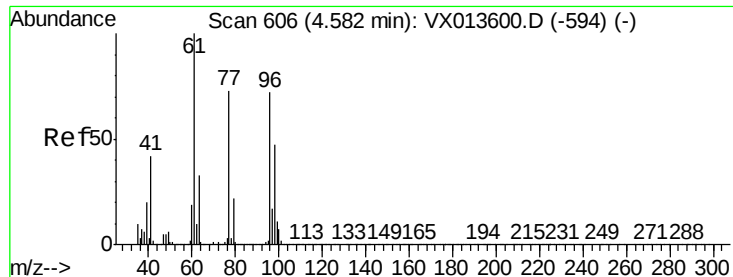
97 23.7 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



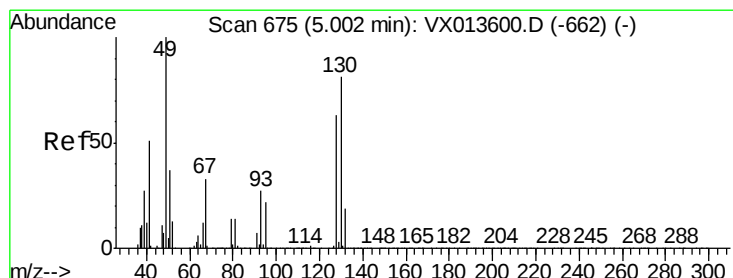
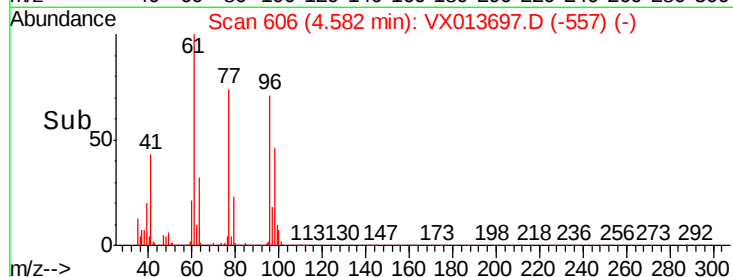
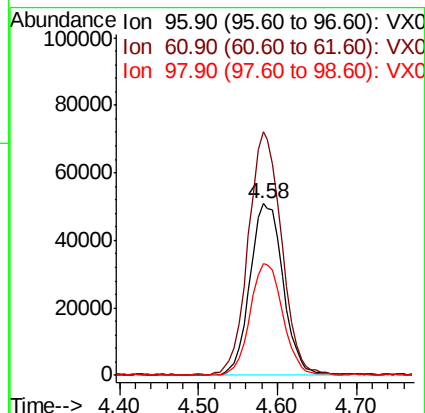
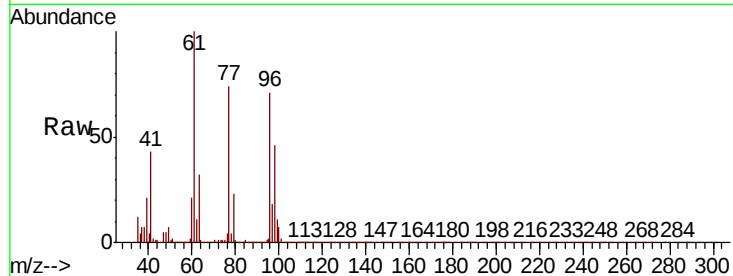


#27

cis-1,2-Dichloroethene
Concen: 18.912 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

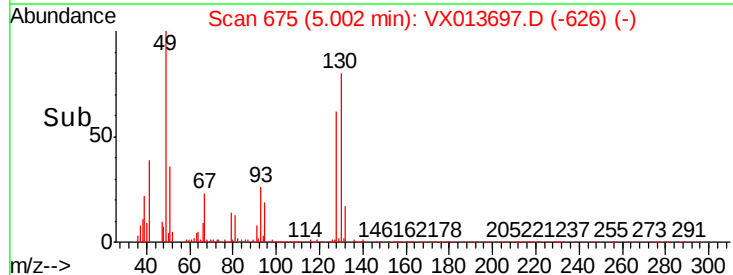
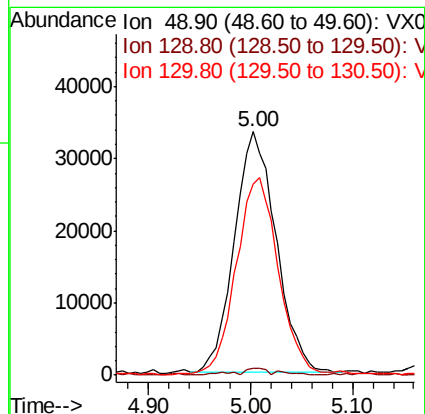
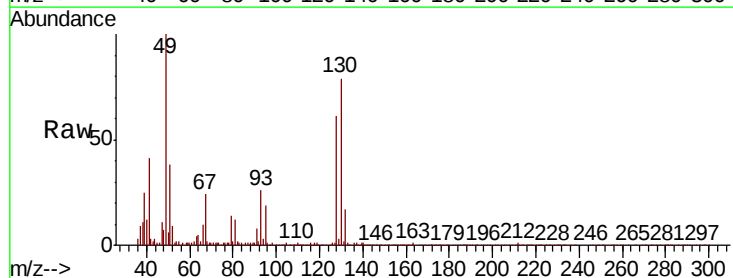
Tot Ion: 96 Resp: 147705
Ion Ratio Lower Upper
96 100
61 142.8 0.0 286.4
98 64.1 0.0 127.4

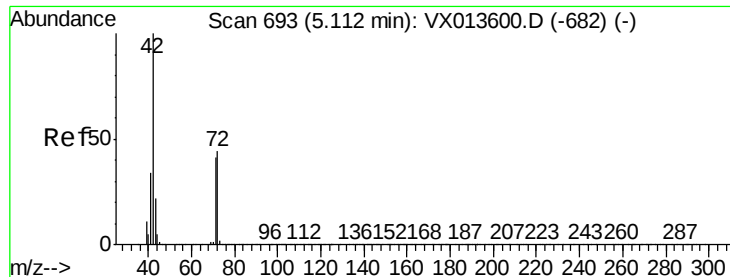


#28

Bromochloromethane
Concen: 20.162 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion: 49 Resp: 95052
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.0
130 83.2 65.4 98.0





#29

Tetrahydrofuran

Concen: 97.181 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampled :

VX1129WBS01

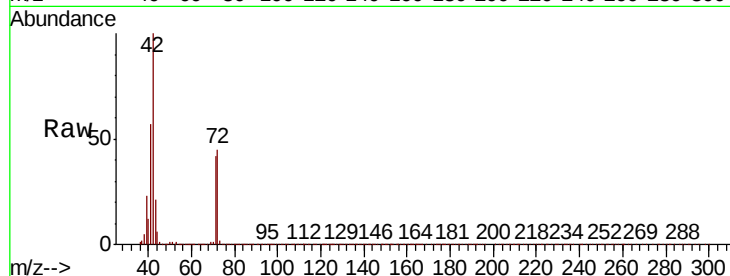
Tot Ion: 42 Resp: 334718

Ion Ratio Lower Upper

42 100

72 45.3 36.3 54.5

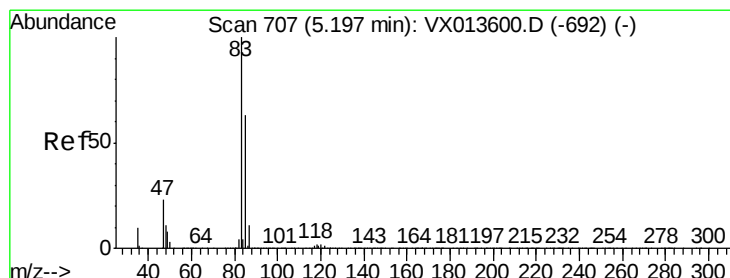
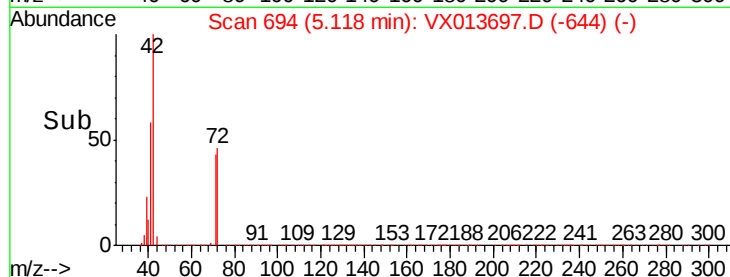
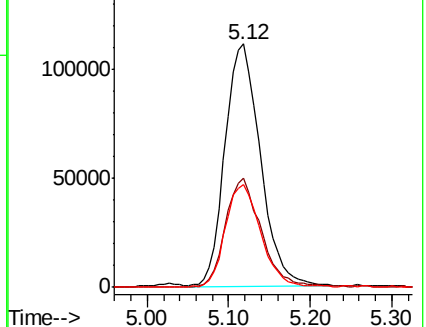
71 42.1 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.019 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013697.D

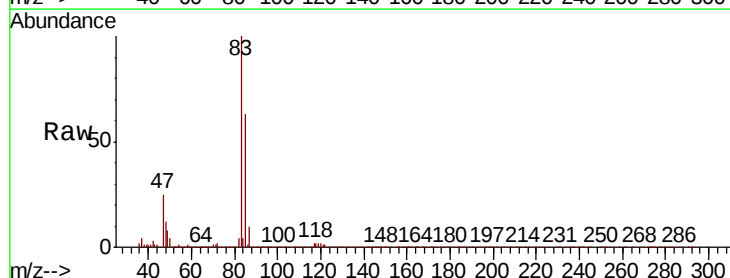
Acq: 29 Nov 2019 13:34

Tgt Ion: 83 Resp: 266305

Ion Ratio Lower Upper

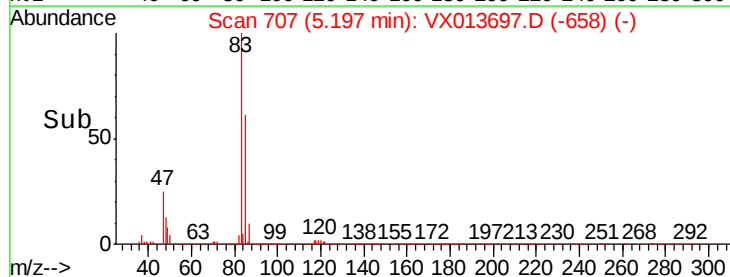
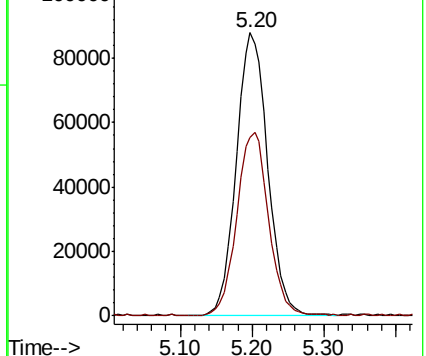
83 100

85 63.0 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

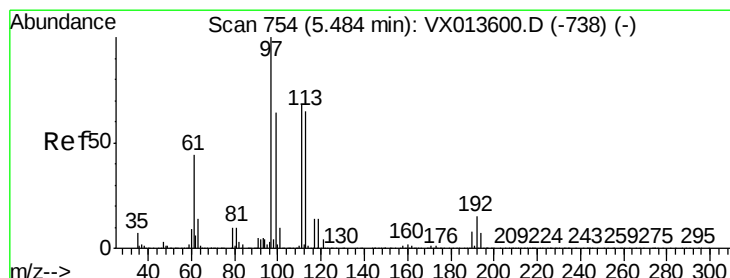
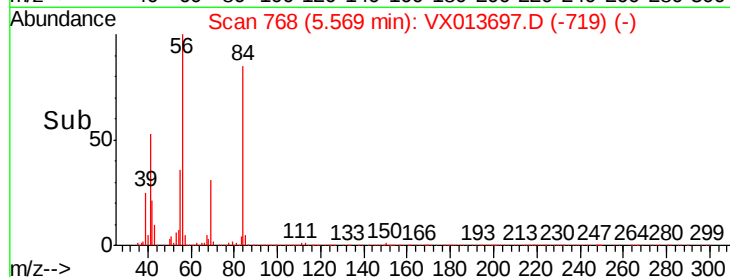
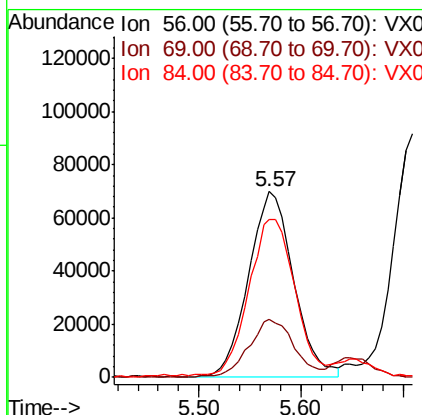
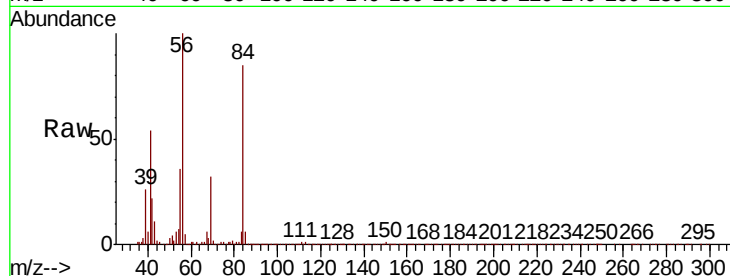




#31
Cyclohexane
Concen: 18.940 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

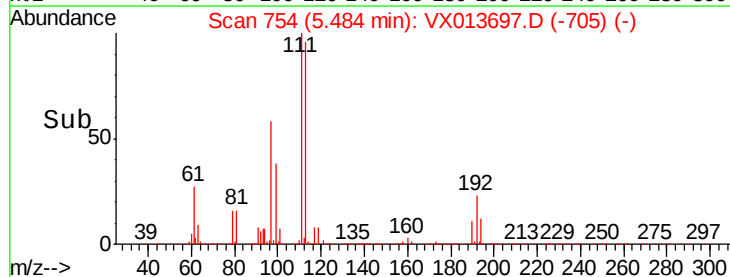
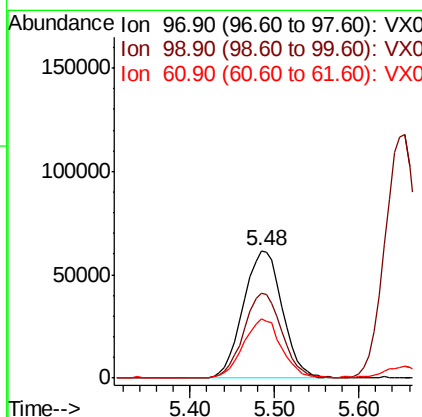
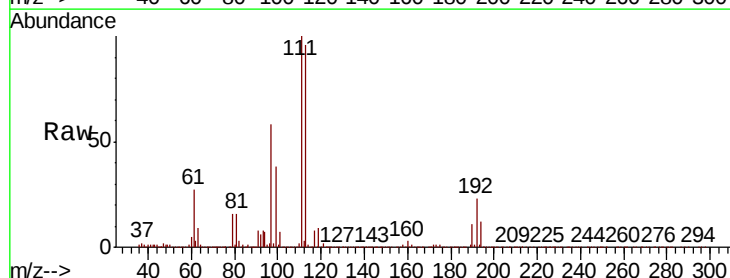
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

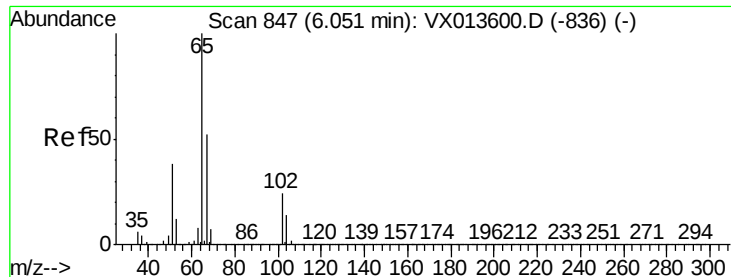
Tot Ion: 56 Resp: 213037
Ion Ratio Lower Upper
56 100
69 31.6 24.6 36.8
84 83.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.046 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion: 97 Resp: 192486
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 44.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.842 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

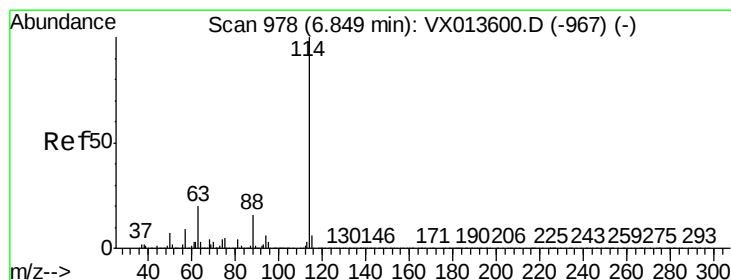
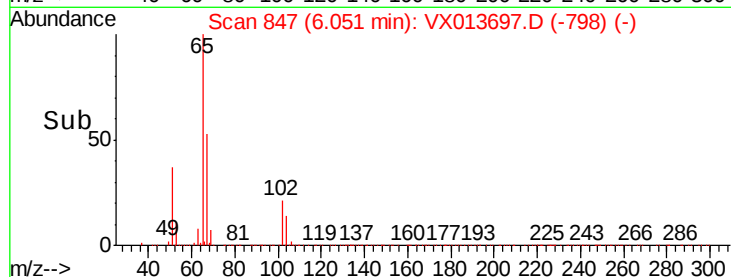
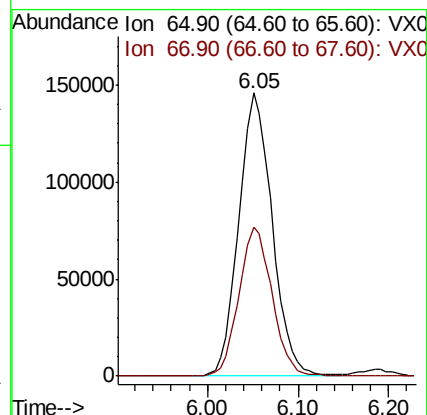
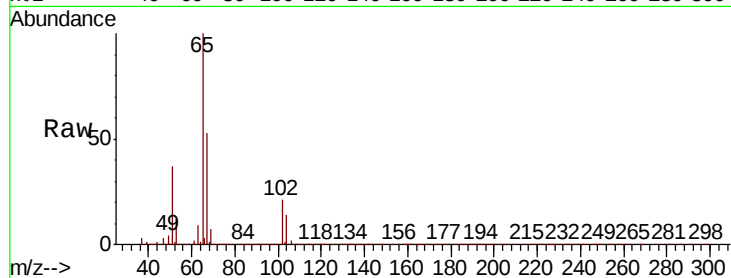
VX1129WBS01

Tot Ion: 65 Resp: 371906

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

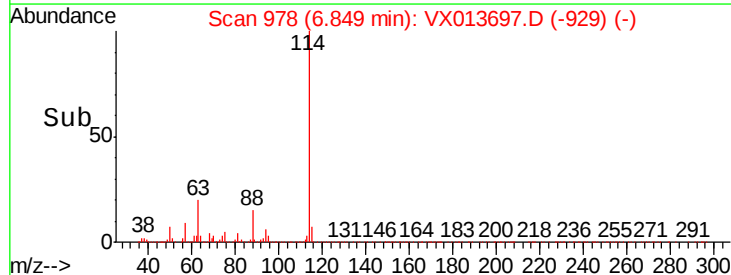
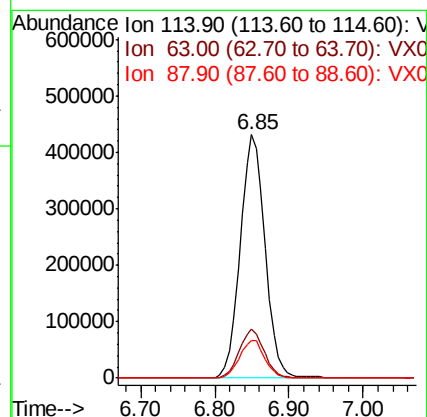
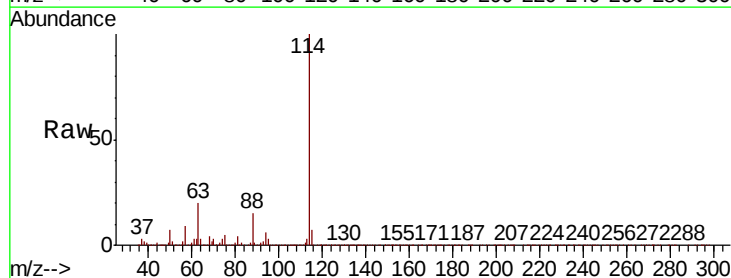
Tgt Ion: 114 Resp: 1007474

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.2 0.0 31.4

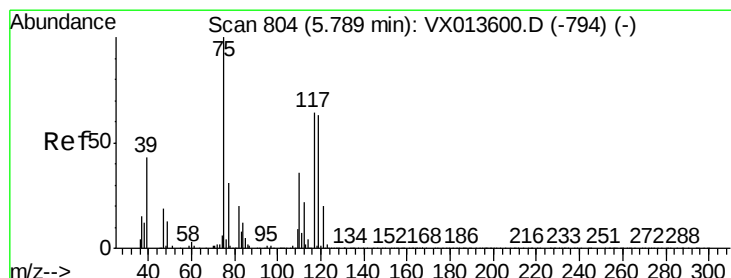
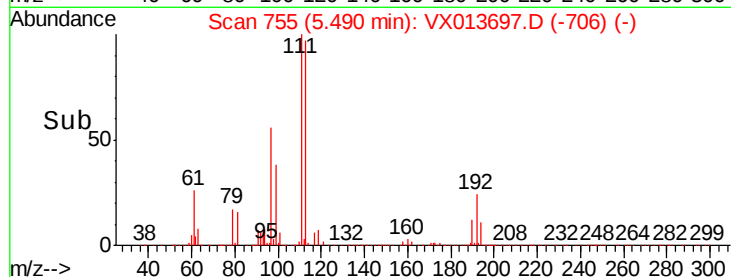
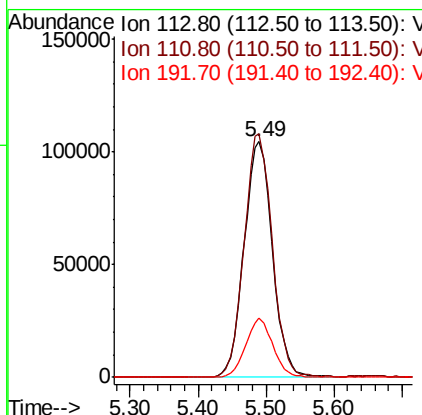
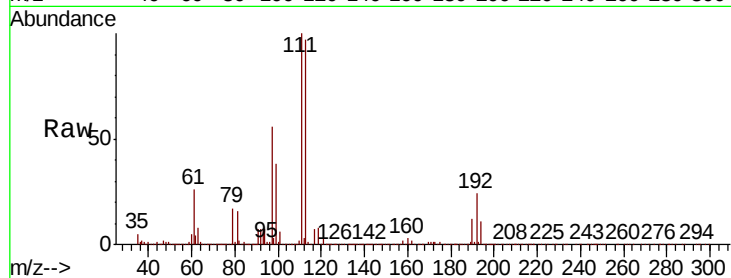




#35
Dibromofluoromethane
Concen: 48.581 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

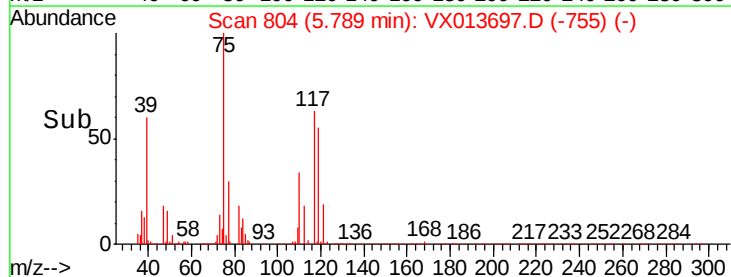
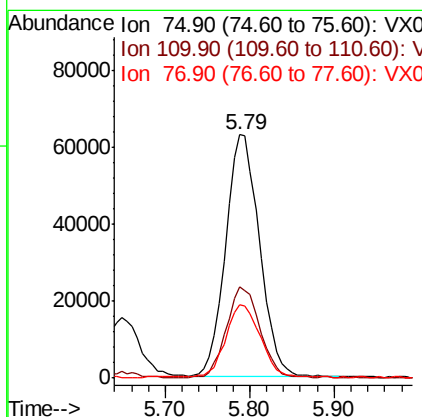
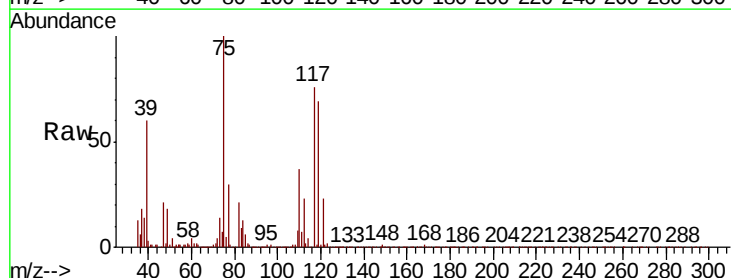
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

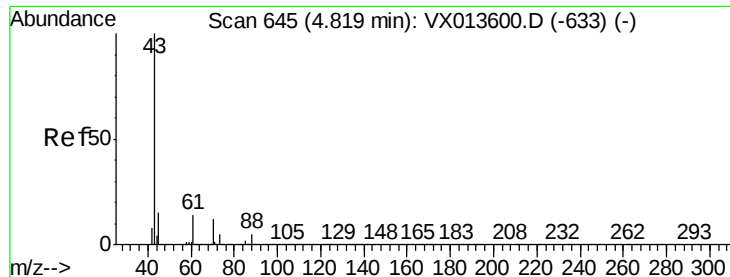
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.6	125.4
192	24.1	19.2	28.8



#36
1,1-Dichloropropene
Concen: 18.858 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.1
77	30.8	24.5	36.7

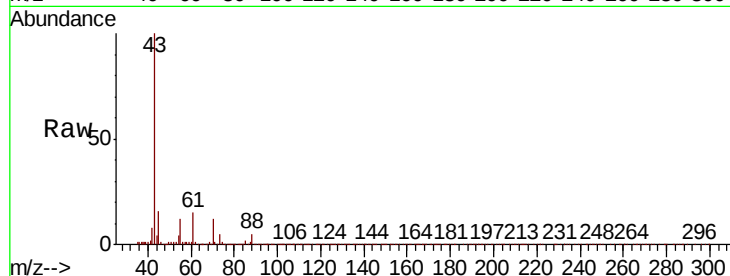




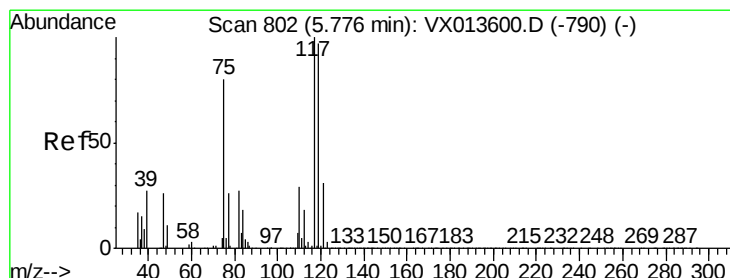
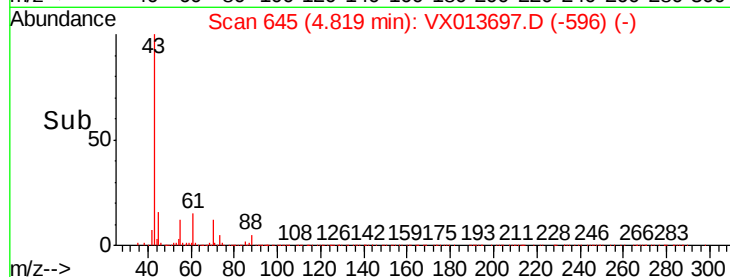
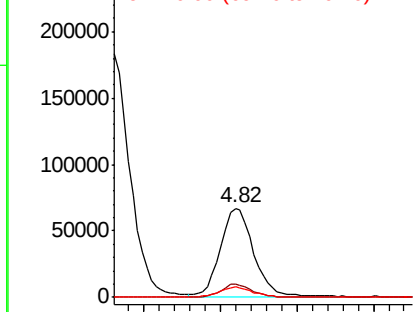
#37
Ethyl Acetate
Concen: 19.421 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	11.6	8.6	12.8

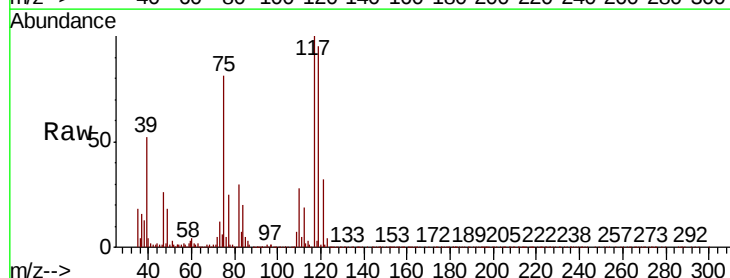


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

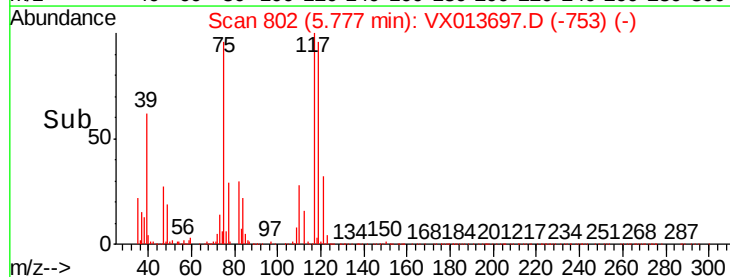
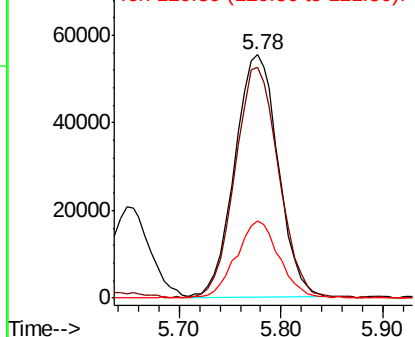


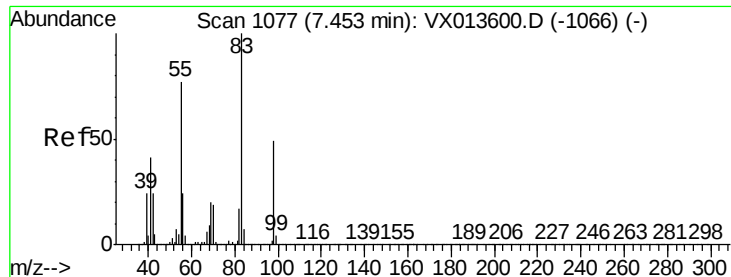
#38
Carbon Tetrachloride
Concen: 19.362 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.5	116.3
121	31.7	25.0	37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

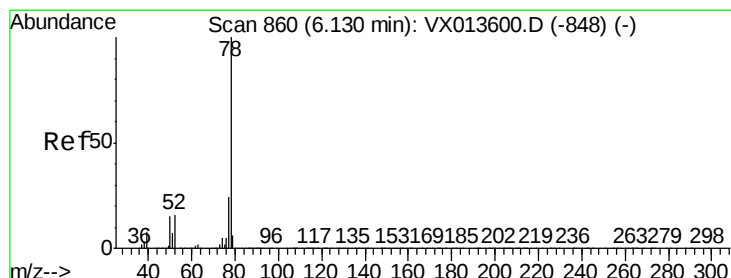
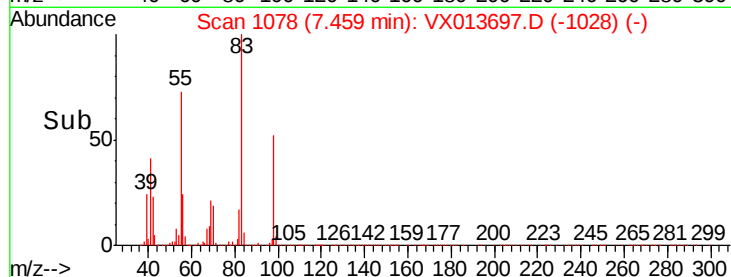
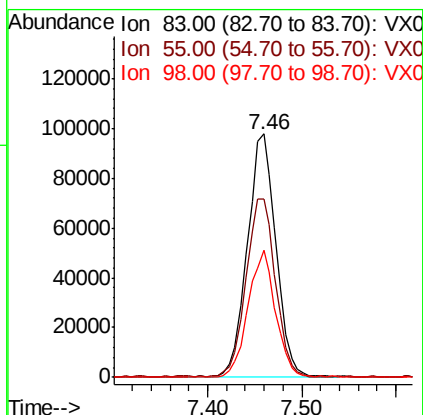
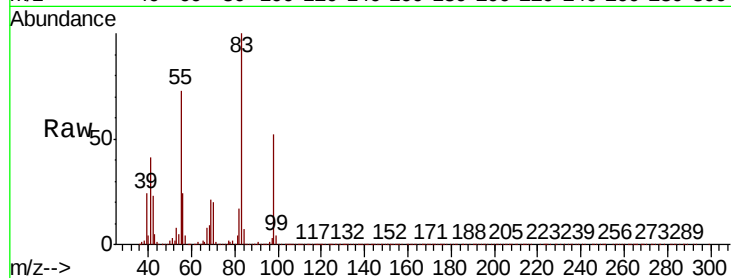




#39
Methvlcvclohexane
Concen: 18.369 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

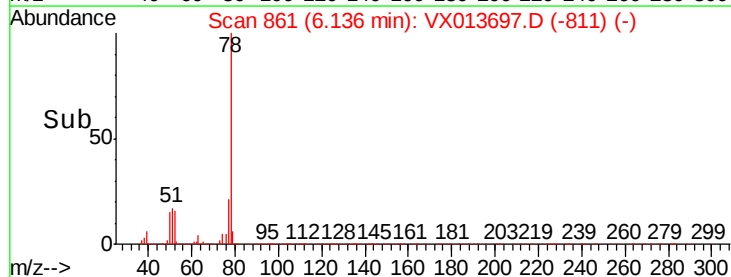
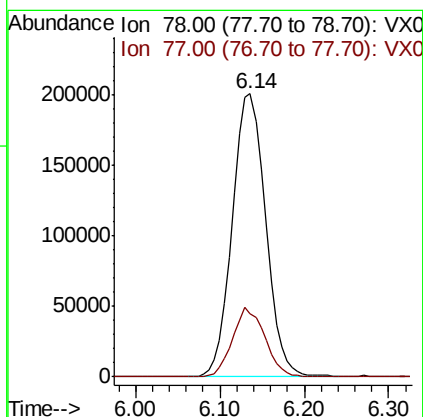
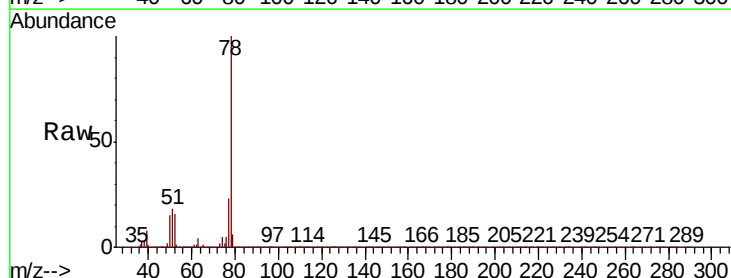
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

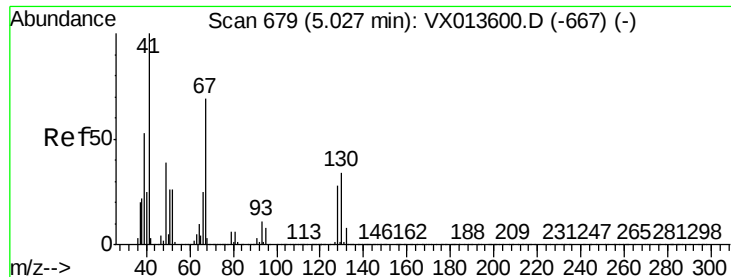
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	61.9	92.9
98	52.0	39.4	59.0



#40
Benzene
Concen: 19.279 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4

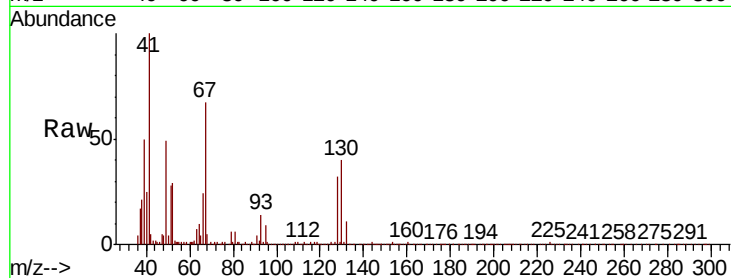




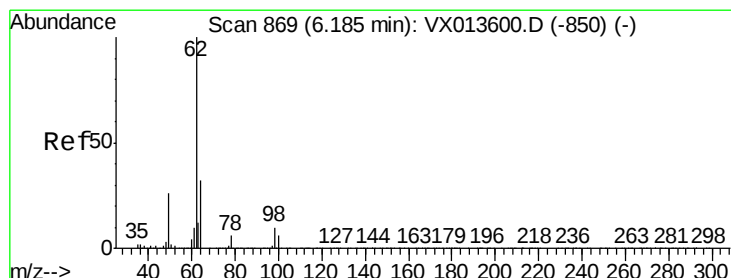
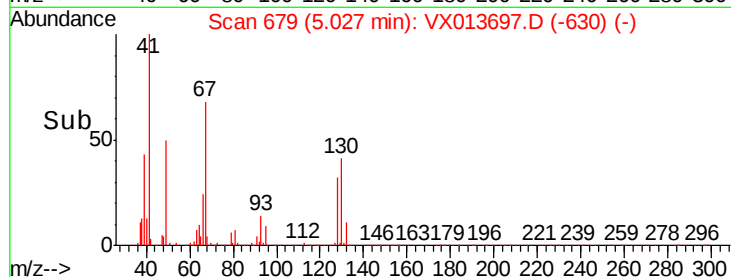
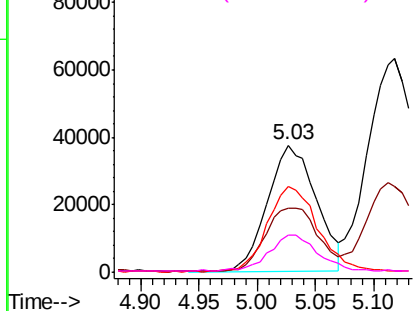
#41
Methacrylonitrile
Concen: 19.414 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampled :
VX1129WBS01

Tot Ion:	41	Resp:	109232
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.9	64.3
67	69.6	57.4	86.0
52	29.4	22.4	33.6

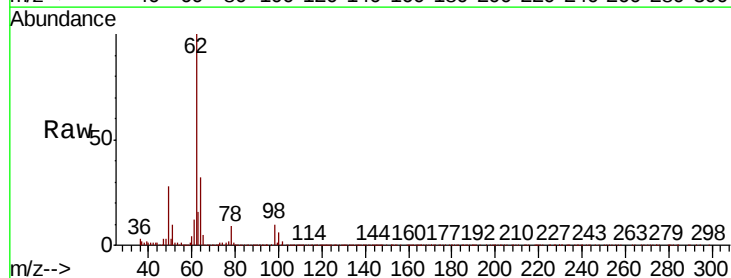


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

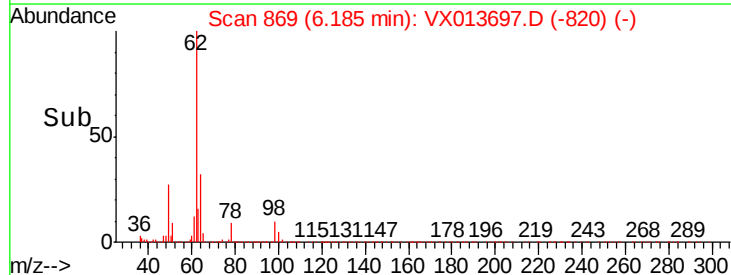
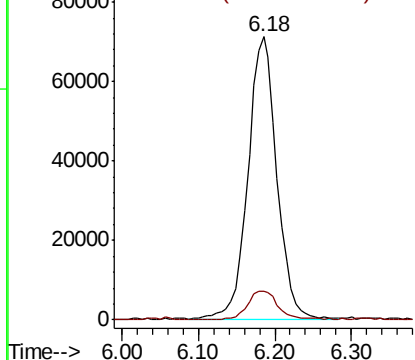


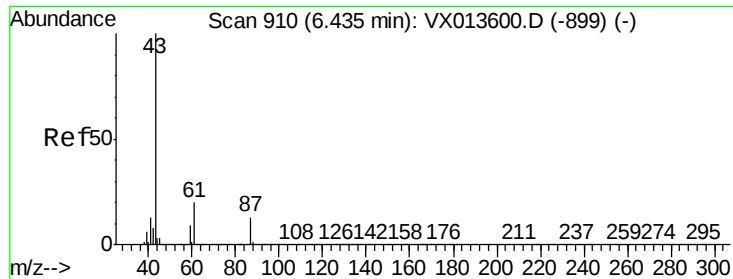
#42
1,2-Dichloroethane
Concen: 19.588 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion:	62	Resp:	186071
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8



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



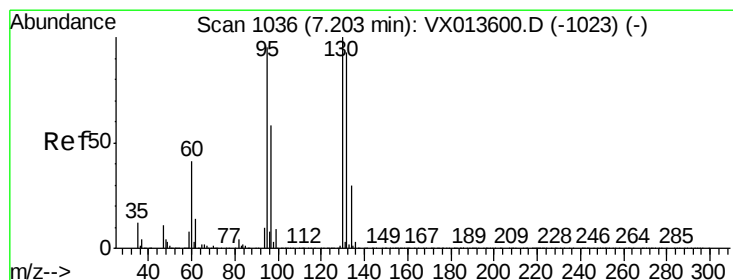
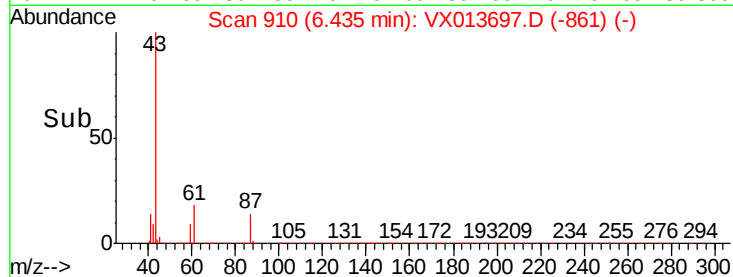
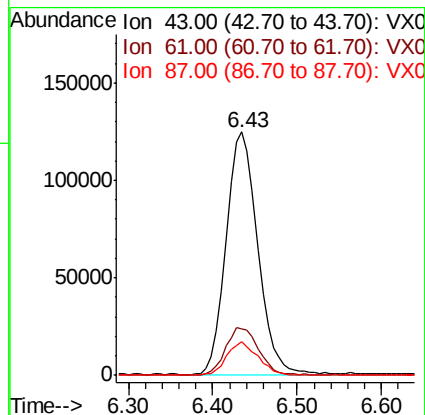
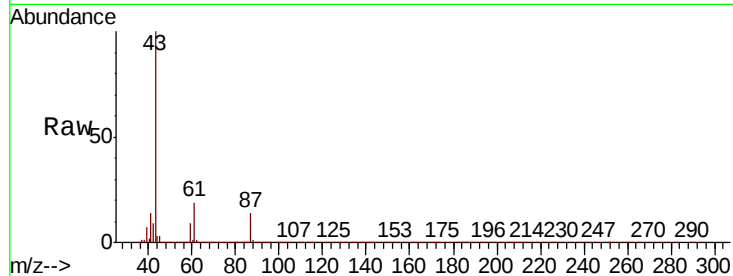


#43

Isopropyl Acetate
 Concen: 18.856 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

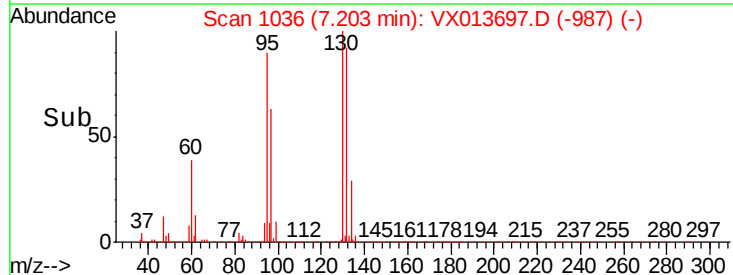
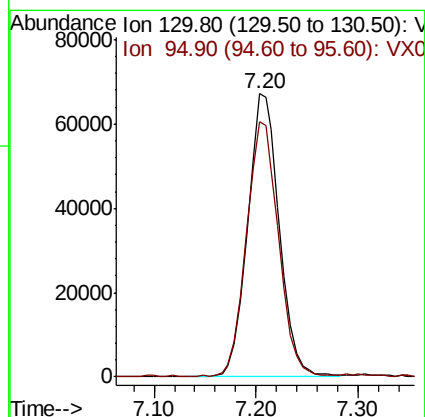
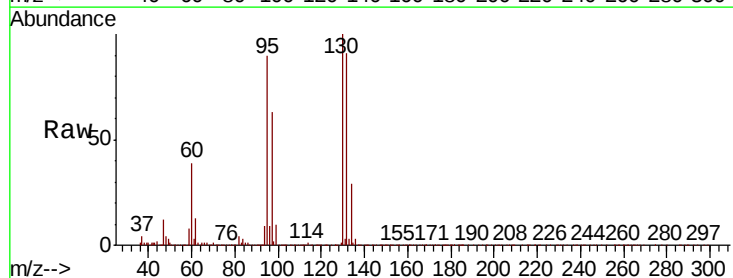
Tot Ion	43	Resp	318488
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.3	24.5
87	13.5	10.8	16.2

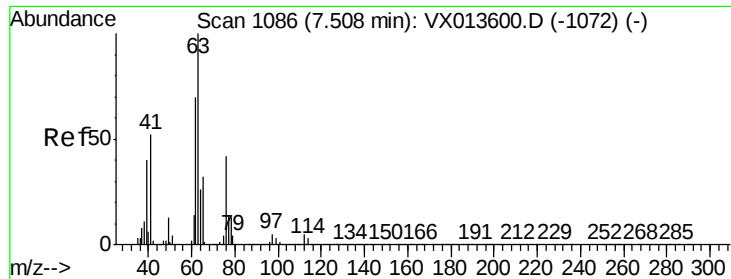


#44

Trichloroethene
 Concen: 18.976 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Tgt Ion	130	Resp	145056
Ion Ratio	Lower	Upper	
130	100		
95	89.8	0.0	190.8

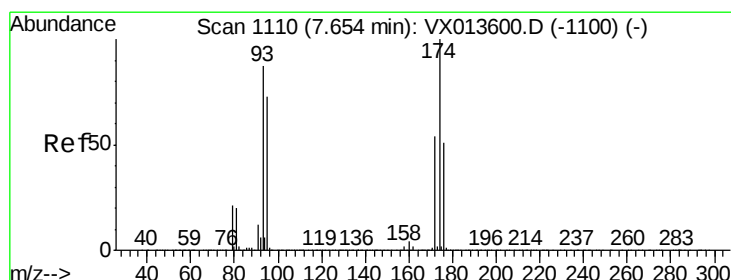
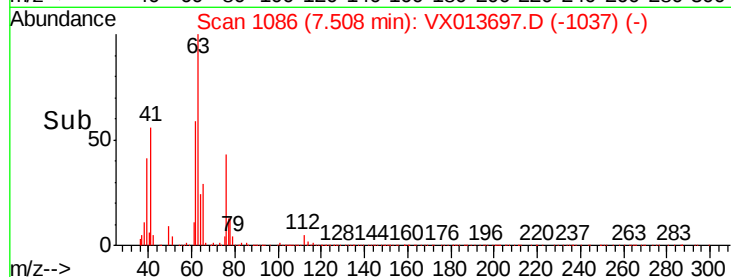
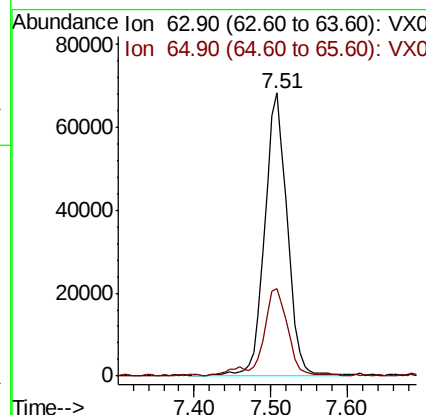
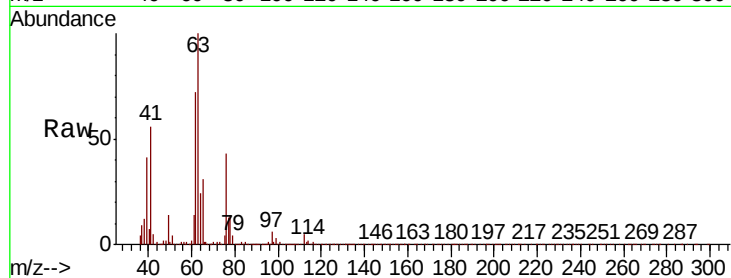




#45
 1,2-Dichloropropane
 Concen: 20.033 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

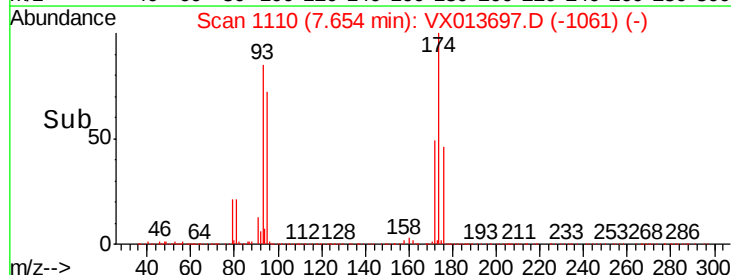
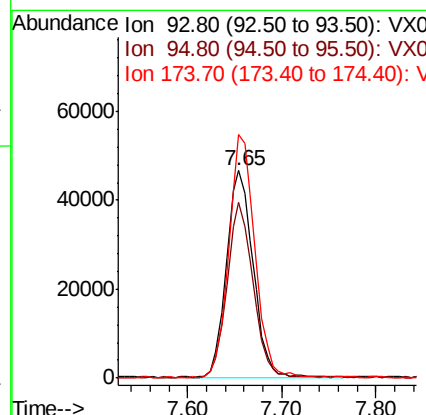
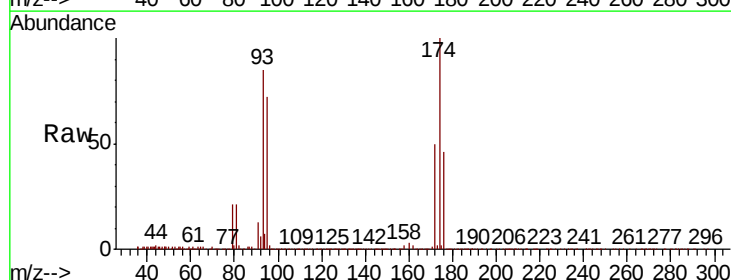
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

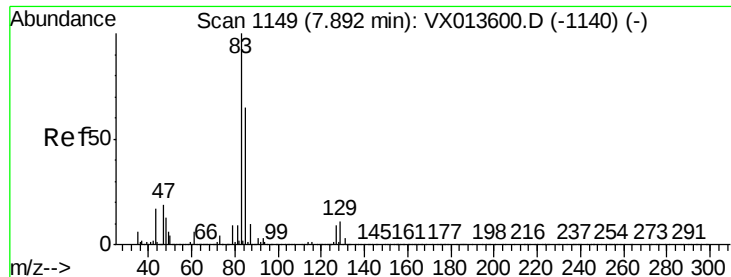
Tot Ion: 63 Resp: 139608
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.5 38.3



#46
 Dibromomethane
 Concen: 19.228 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Tgt Ion: 93 Resp: 91007
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.2
 174 115.1 93.4 140.0





#47

Bromodichloromethane

Concen: 19.640 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBS01

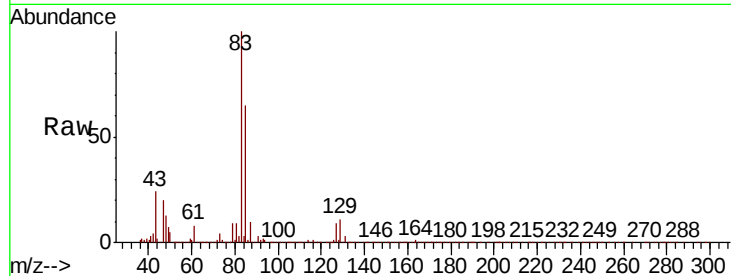
Tot Ion: 83 Resp: 175732

Ion Ratio Lower Upper

83 100

85 64.2 52.1 78.1

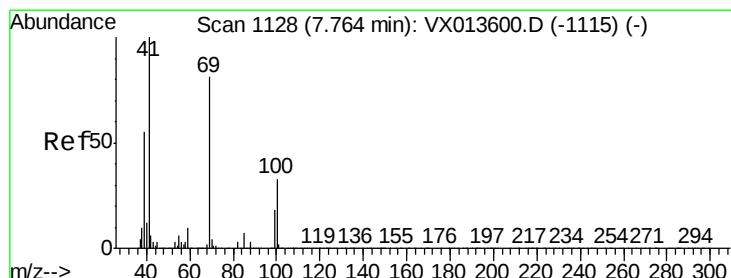
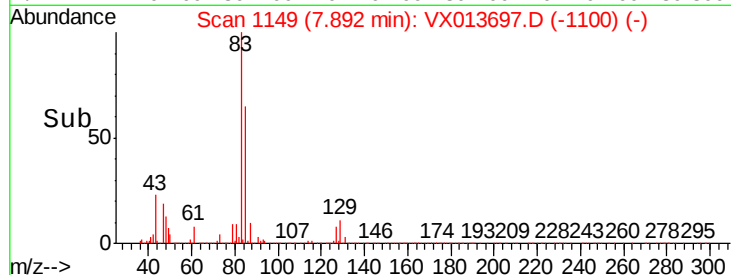
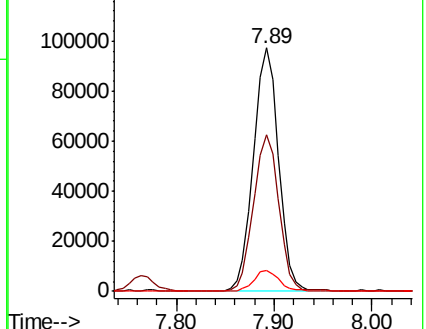
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.121 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

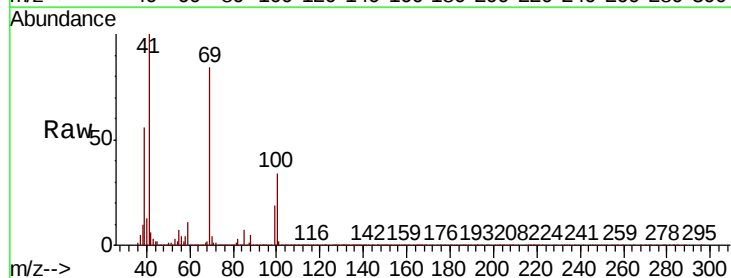
Tgt Ion: 41 Resp: 156919

Ion Ratio Lower Upper

41 100

69 82.5 64.7 97.1

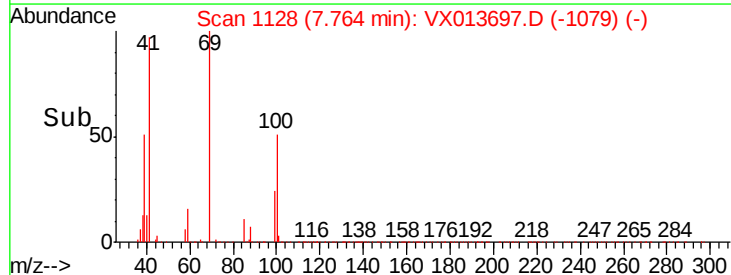
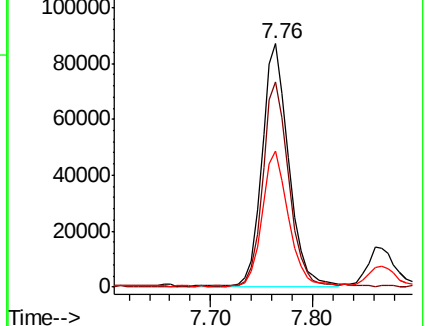
39 55.1 43.8 65.6

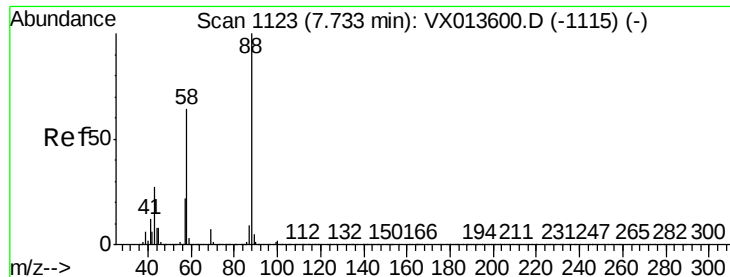


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

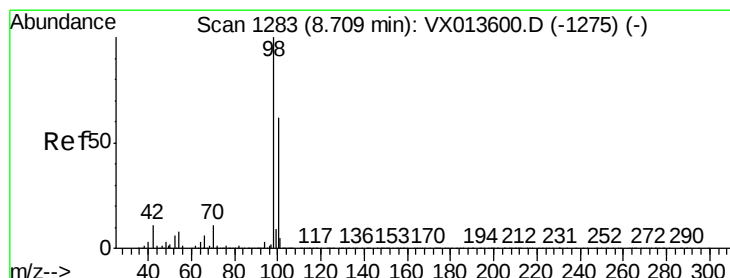
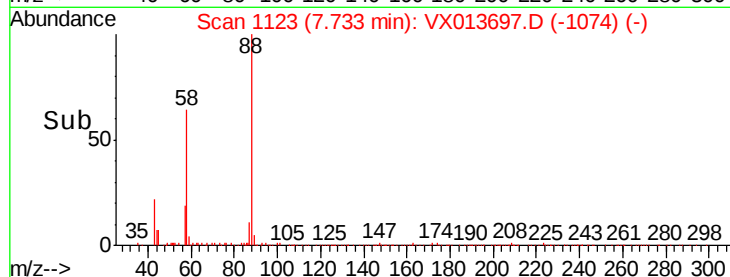
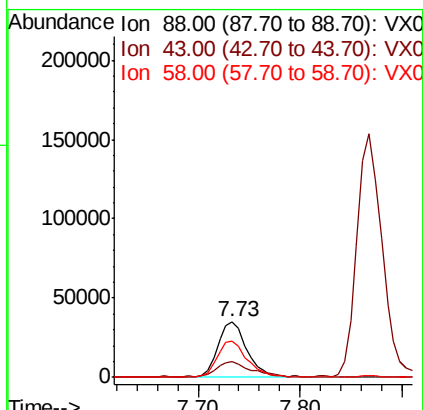
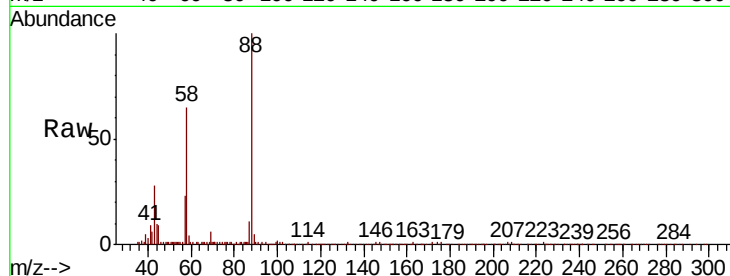




#49
1,4-Dioxane
Concen: 375.821 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

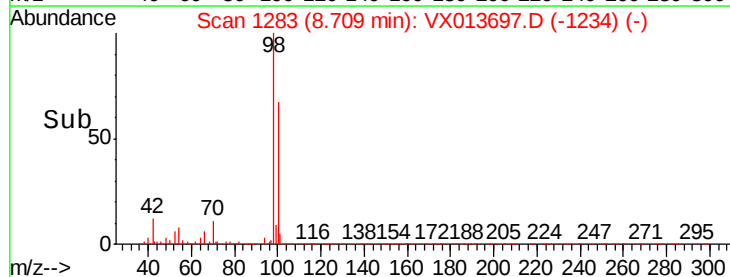
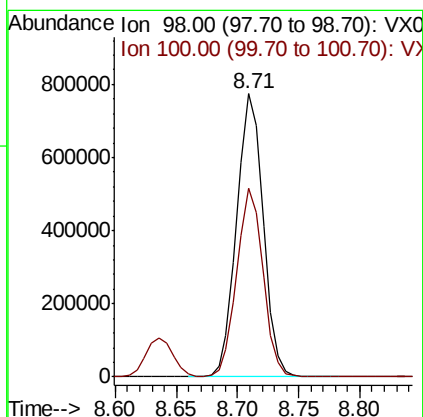
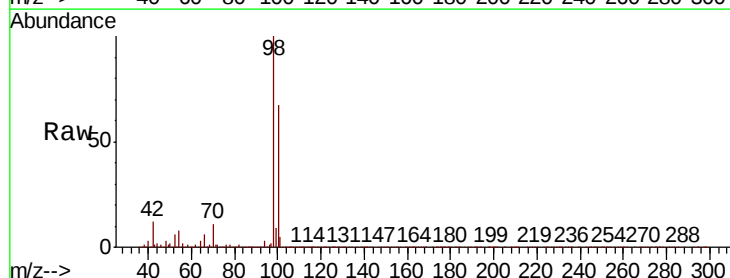
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

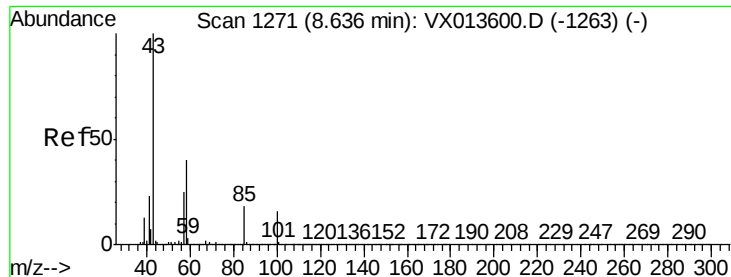
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.8	38.6
58	71.1	54.6	82.0



#50
Toluene-d8
Concen: 47.842 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 96.242 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

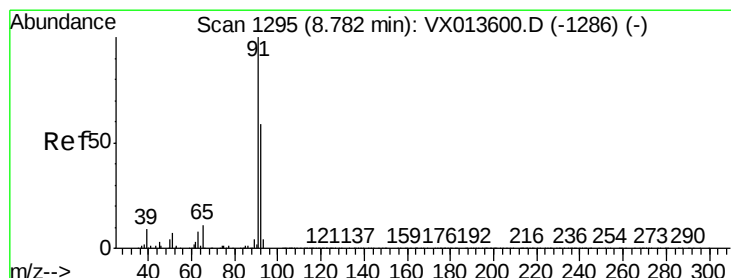
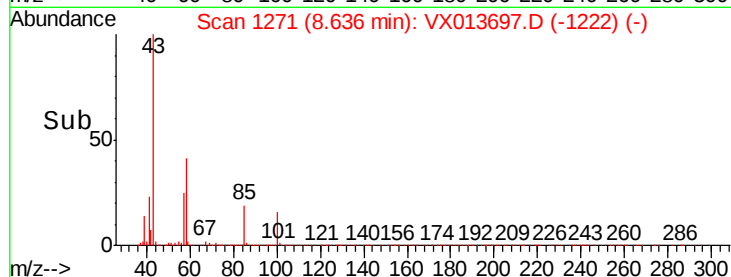
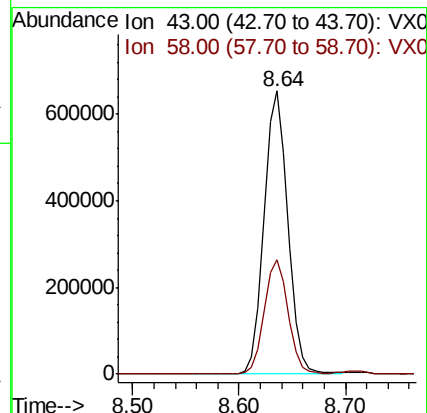
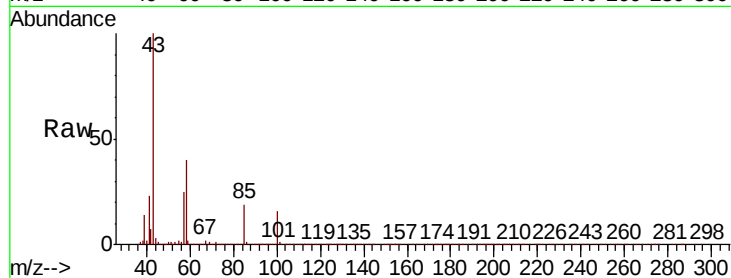
VX1129WBS01

Tot Ion: 43 Resp: 1022540

Ion Ratio Lower Upper

43 100

58 40.4 32.1 48.1



#52

Toluene

Concen: 19.282 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013697.D

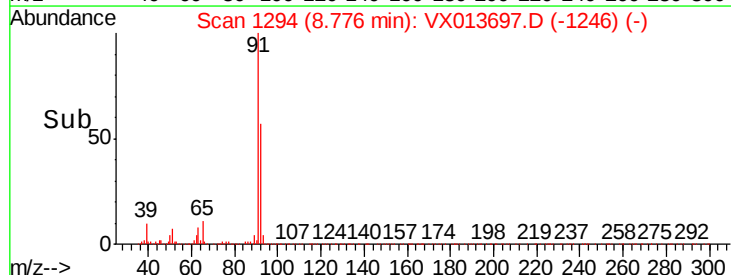
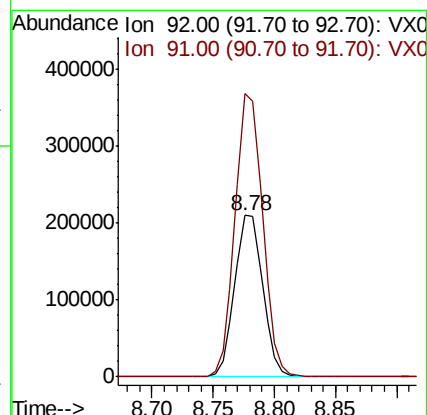
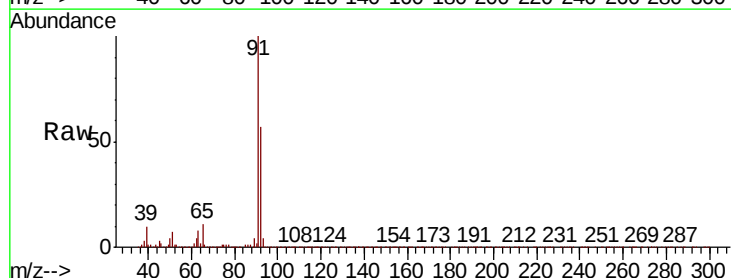
Acq: 29 Nov 2019 13:34

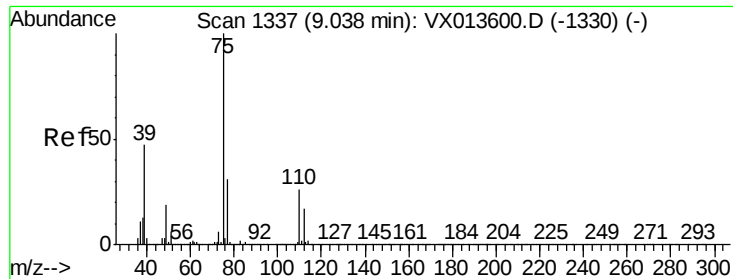
Tgt Ion: 92 Resp: 333652

Ion Ratio Lower Upper

92 100

91 172.5 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 18.282 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

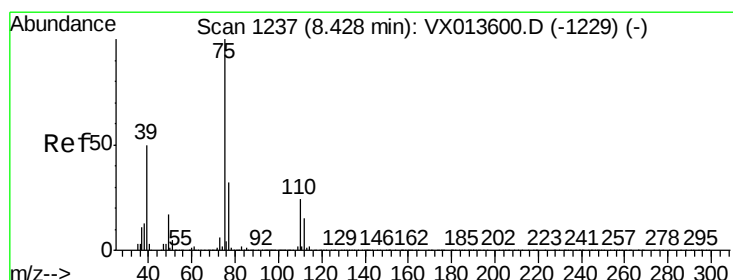
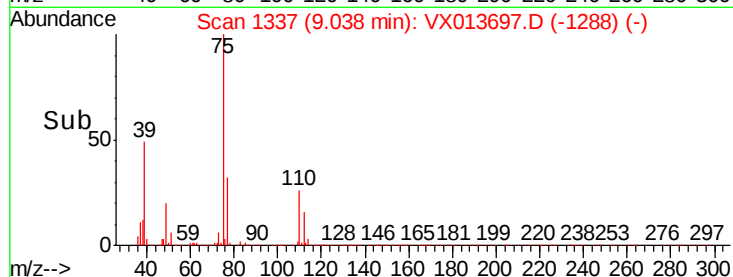
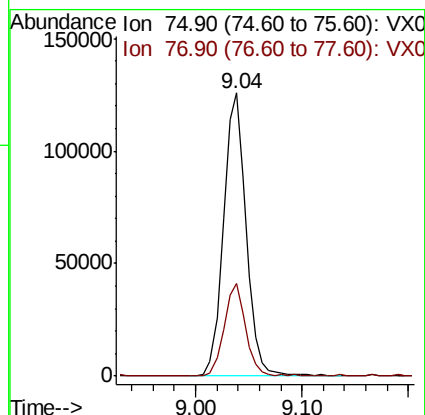
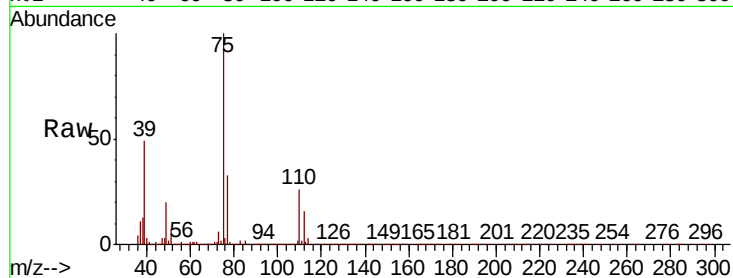
VX1129WBS01

Tot Ion: 75 Resp: 186194

Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 18.775 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

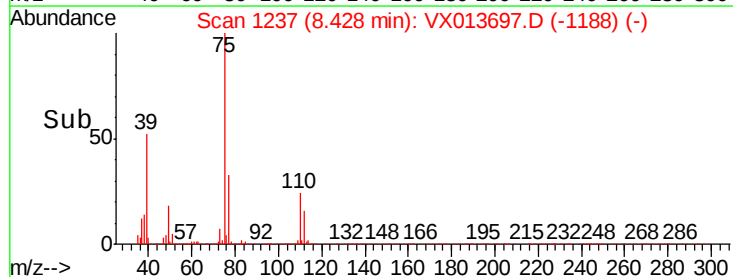
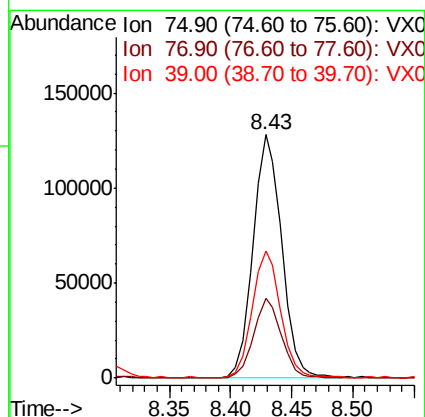
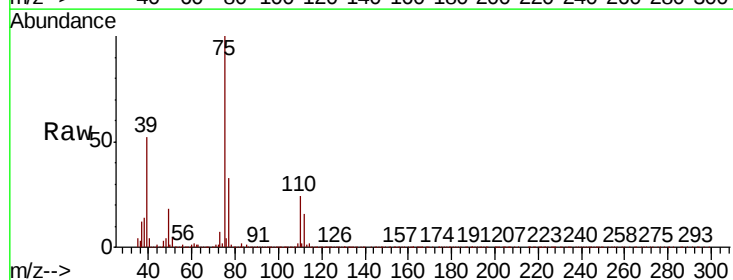
Tgt Ion: 75 Resp: 208909

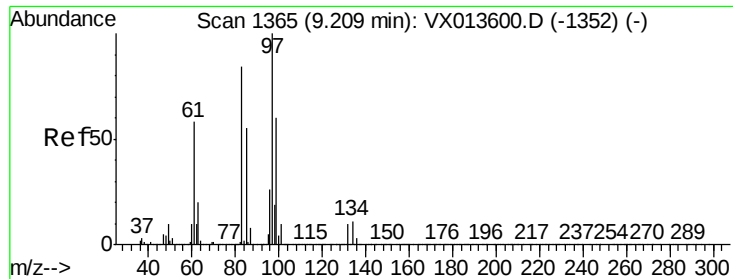
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

39 51.7 39.9 59.9

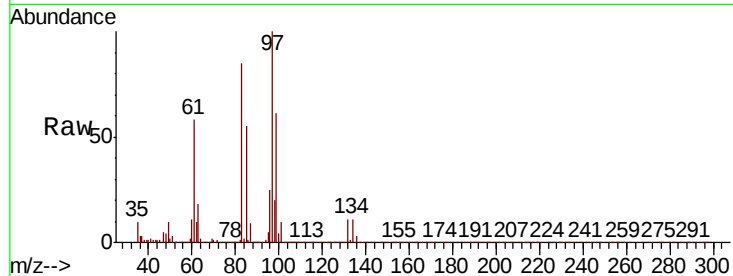




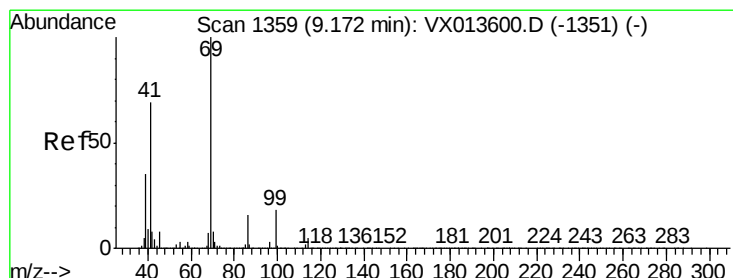
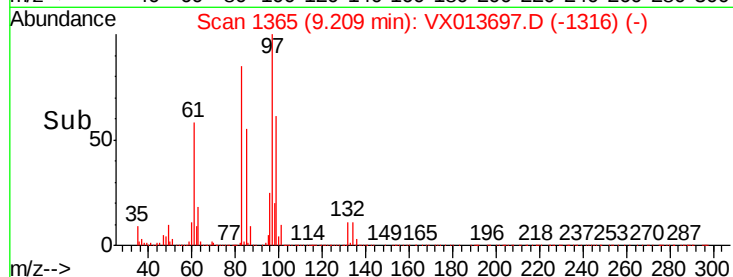
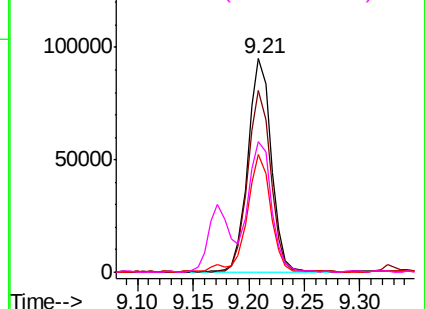
#55
 1,1,2-Trichloroethane
 Concen: 19.817 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

Tot Ion:	97	Resp:	138188
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.3	100.9
85	55.2	43.6	65.4
99	61.2	48.2	72.4

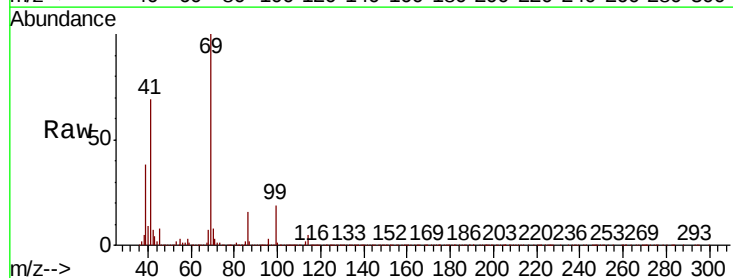


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

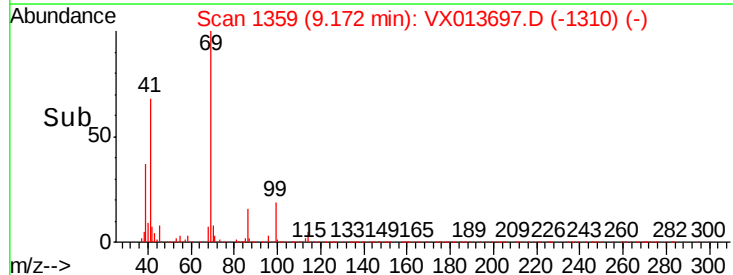
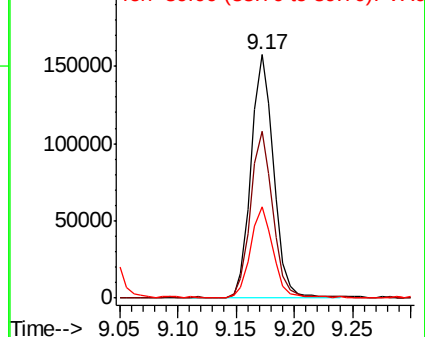


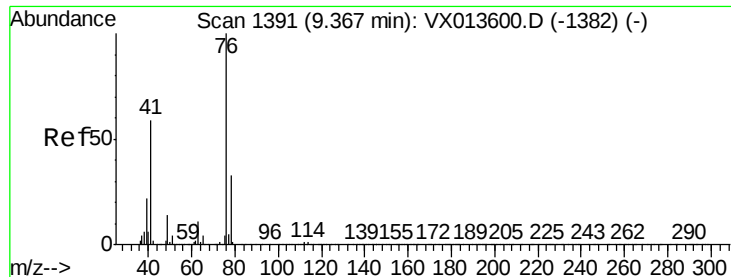
#56
 Ethyl methacrylate
 Concen: 18.989 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Tgt Ion:	69	Resp:	212889
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.0	82.4
39	36.6	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: 19.164 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

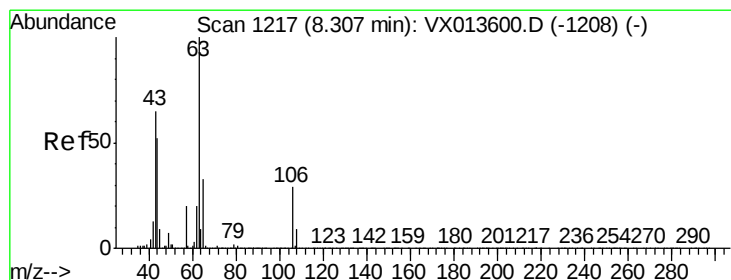
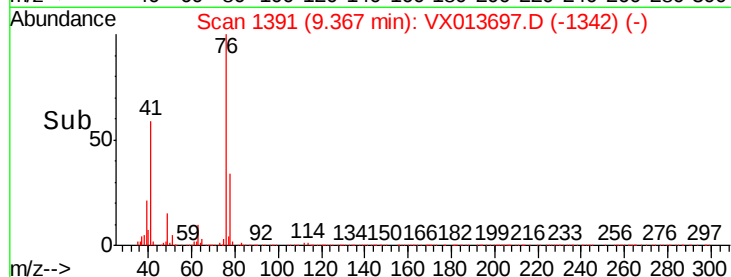
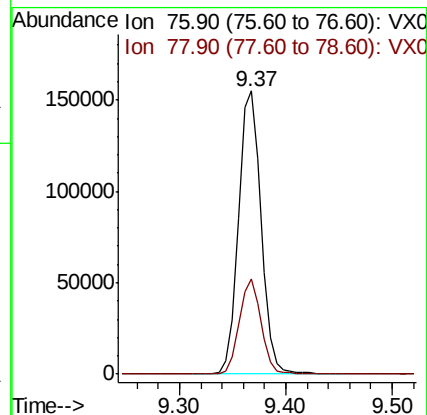
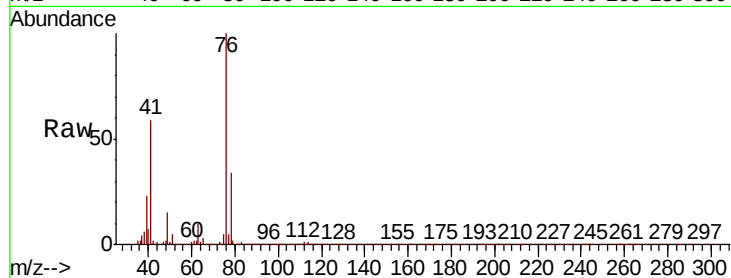
VX1129WBS01

Tot Ion: 76 Resp: 230341

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.986 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013697.D

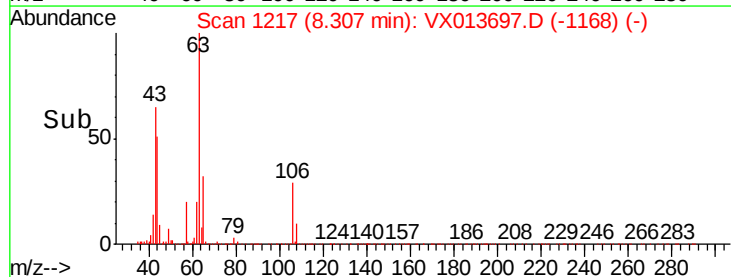
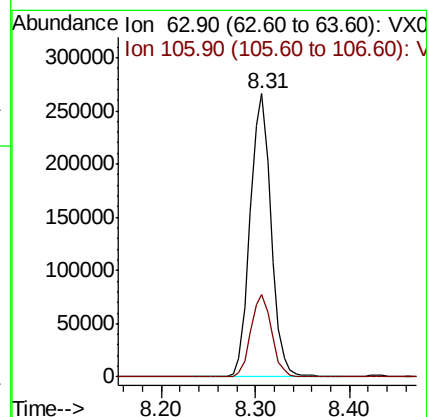
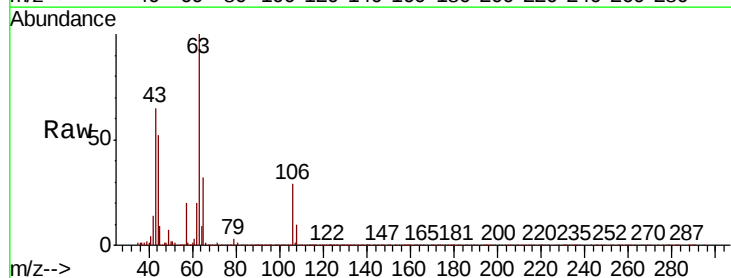
Acq: 29 Nov 2019 13:34

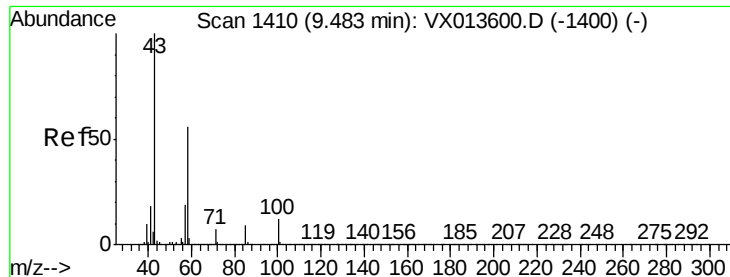
Tgt Ion: 63 Resp: 413119

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.0

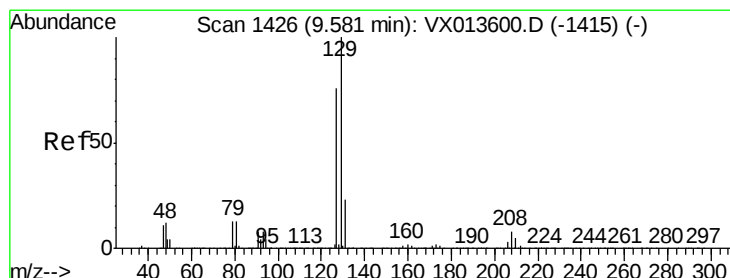
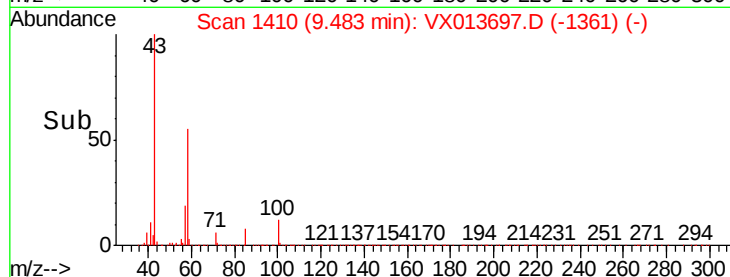
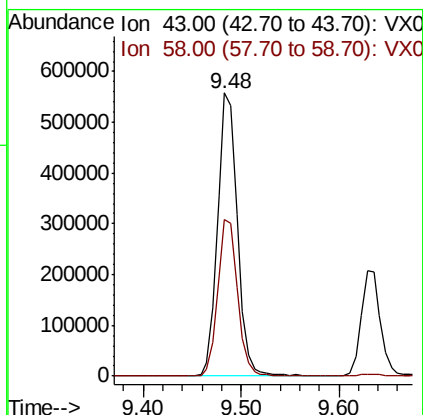
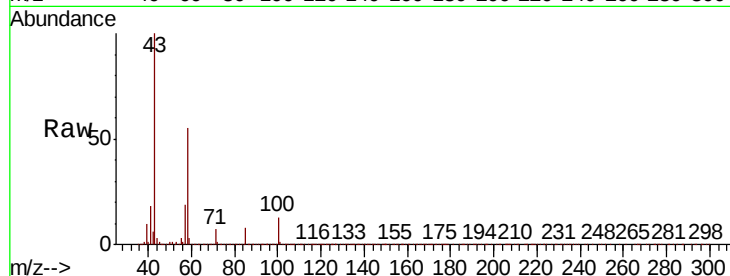




#59
2-Hexanone
Concen: 94.601 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

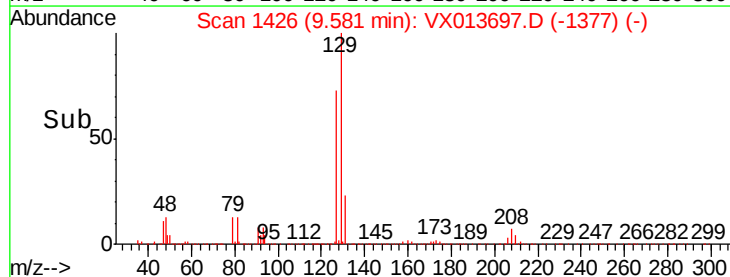
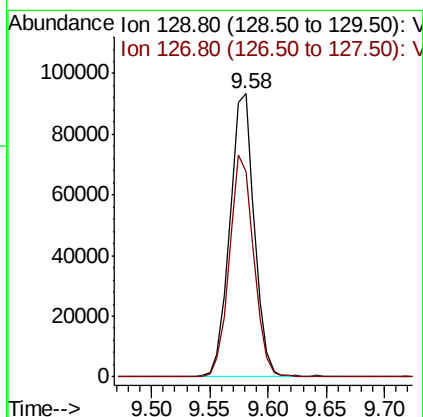
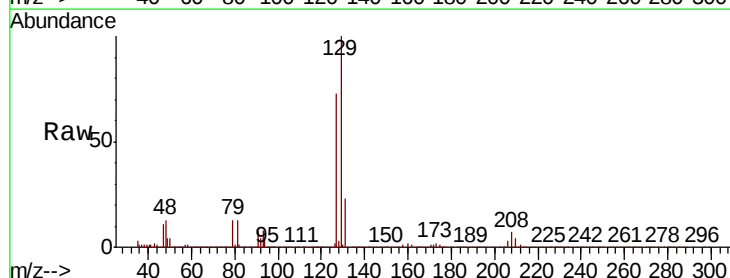
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

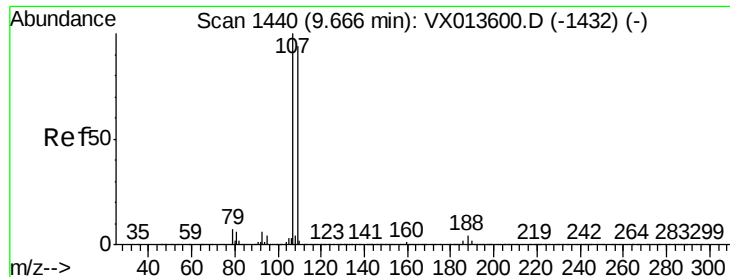
Tot Ion: 43 Resp: 783902
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4



#60
Dibromochloromethane
Concen: 18.925 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion: 129 Resp: 136951
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.451 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

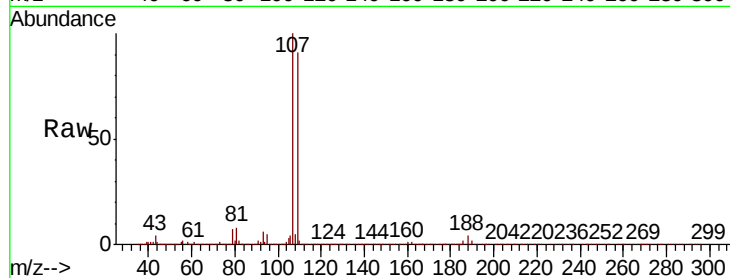
VX1129WBS01

Tot Ion:107 Resp: 144861

Ion Ratio Lower Upper

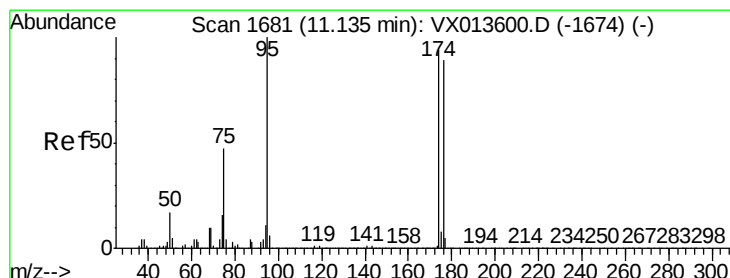
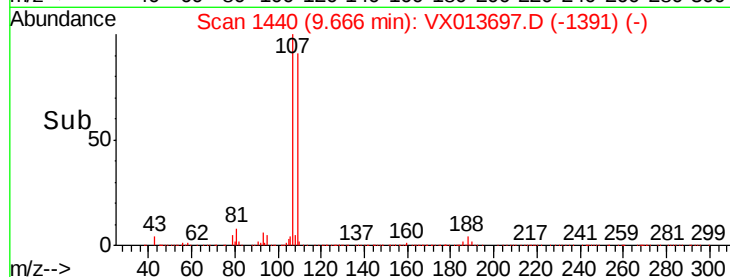
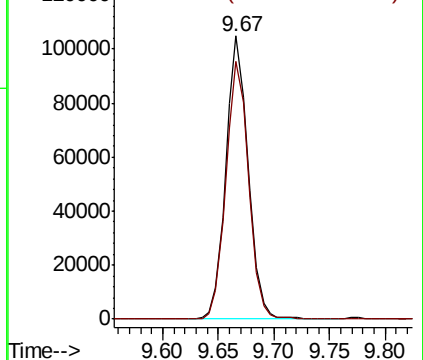
107 100

109 93.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.230 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

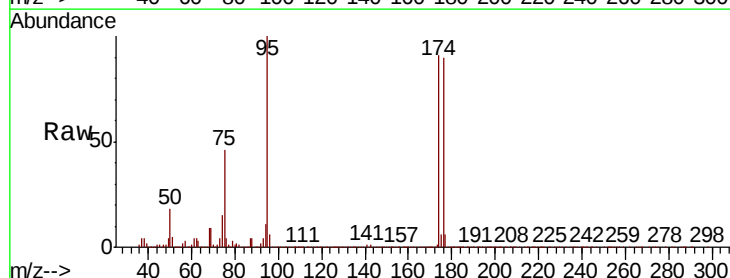
Tgt Ion: 95 Resp: 413288

Ion Ratio Lower Upper

95 100

174 88.1 0.0 180.0

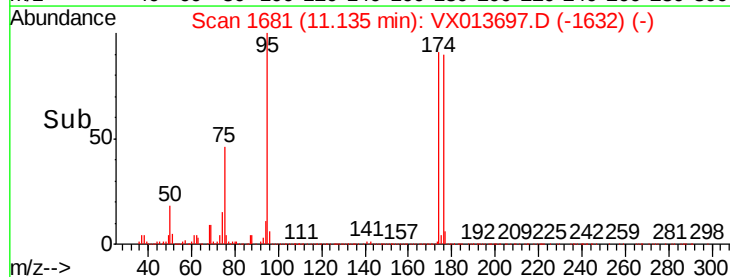
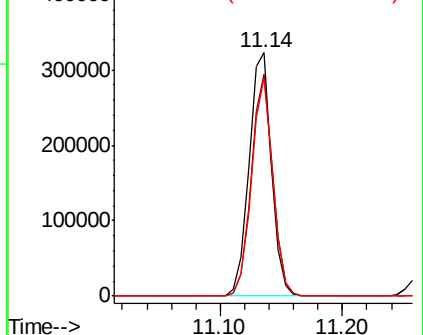
176 85.6 0.0 173.6

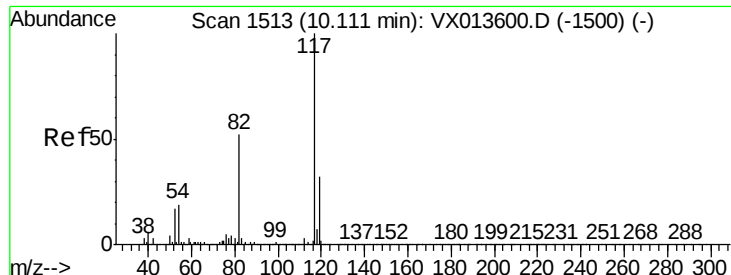


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

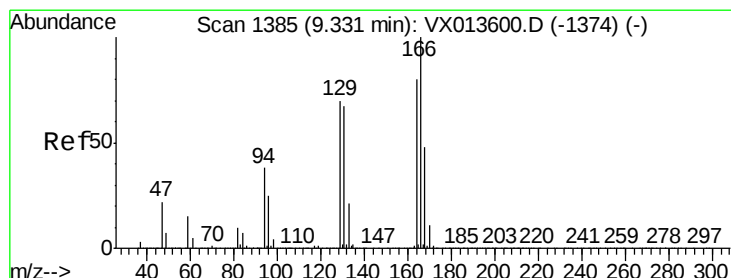
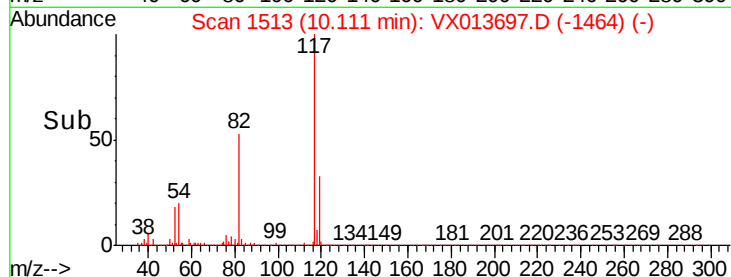
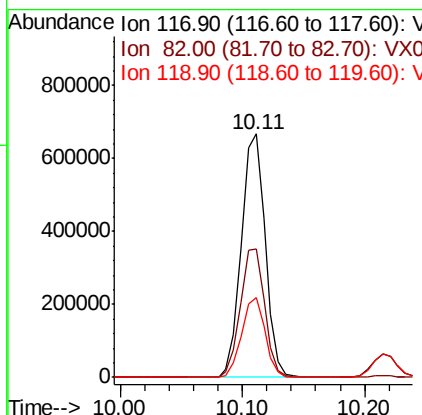
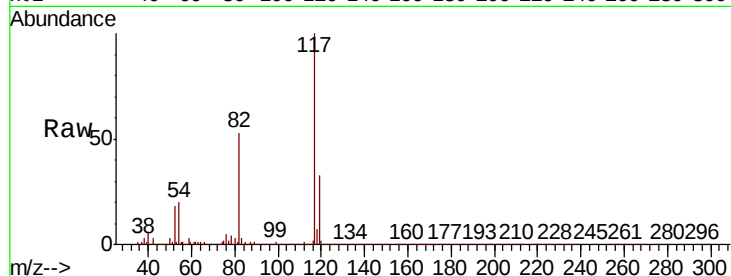




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

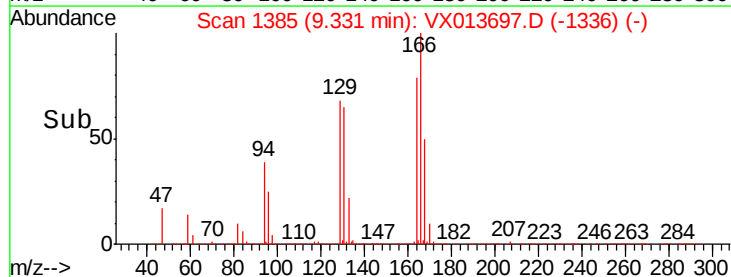
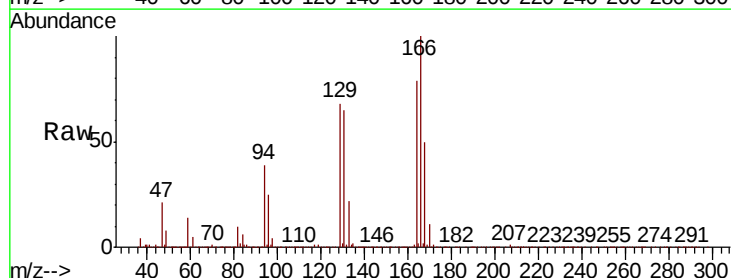
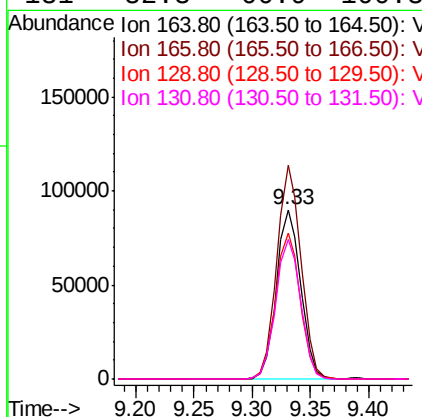
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

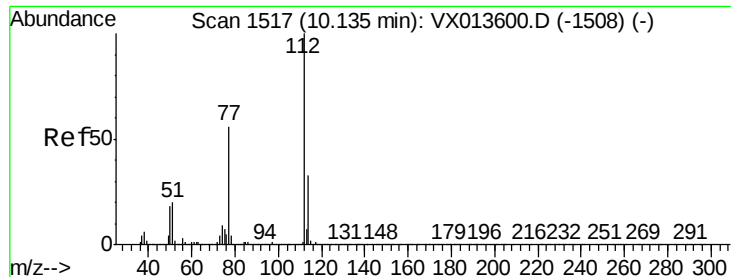
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.8
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 19.401 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.7	149.5
129	85.7	70.1	105.1
131	82.3	66.9	100.3





#65

Chlorobenzene

Concen: 19.134 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

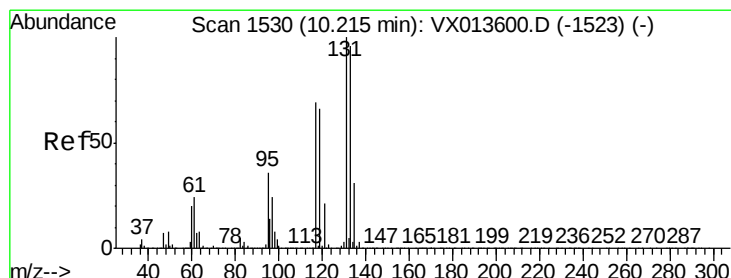
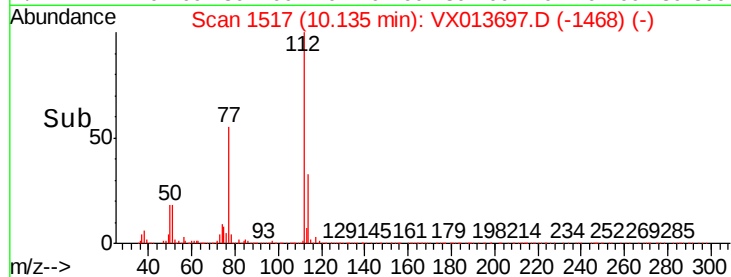
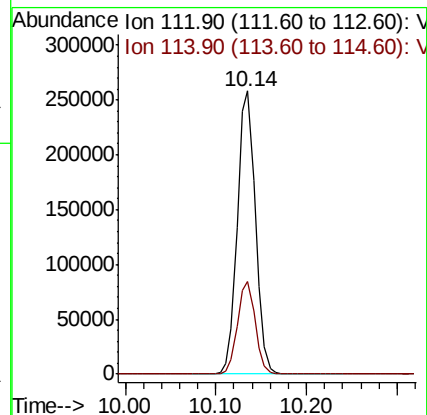
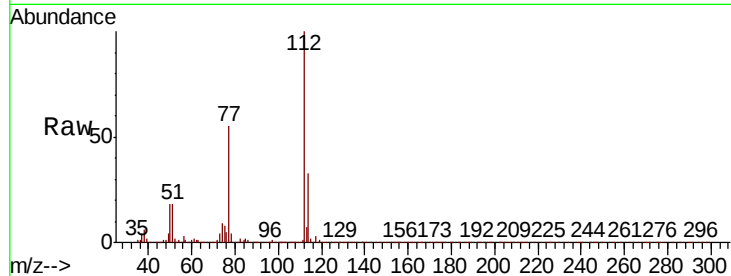
VX1129WBS01

Tot Ion:112 Resp: 357807

Ion Ratio Lower Upper

112 100

114 32.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.623 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

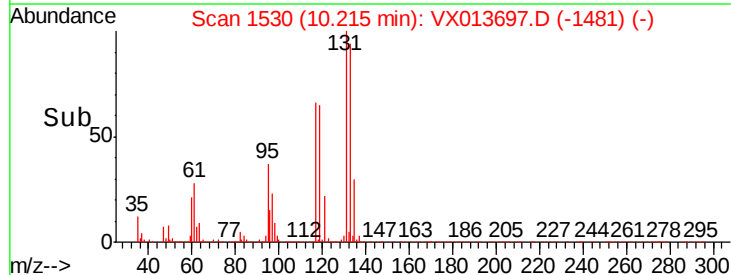
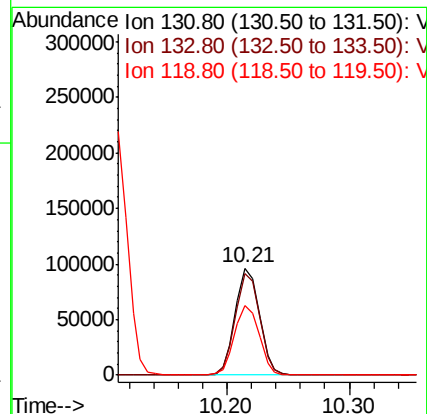
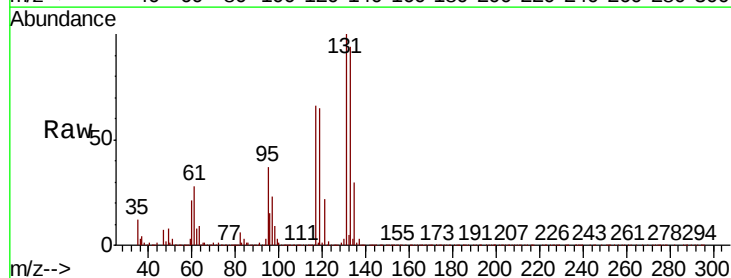
Tgt Ion:131 Resp: 131771

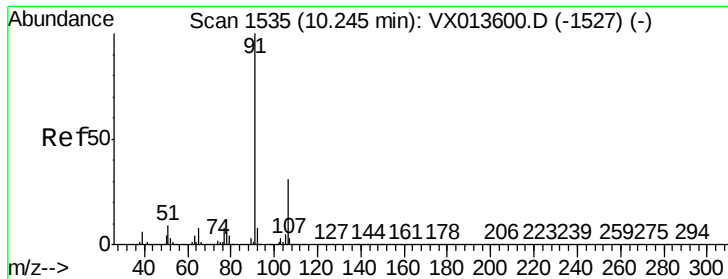
Ion Ratio Lower Upper

131 100

133 96.1 47.7 143.1

119 66.0 32.9 98.6





#67

Ethyl Benzene

Concen: 19.471 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

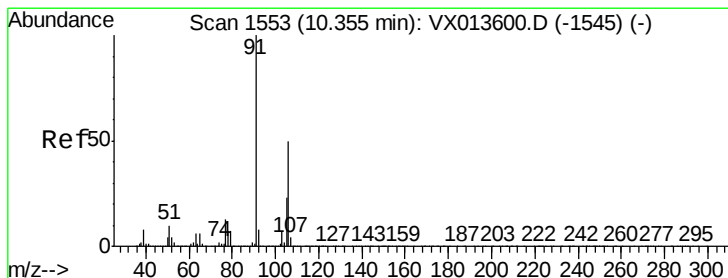
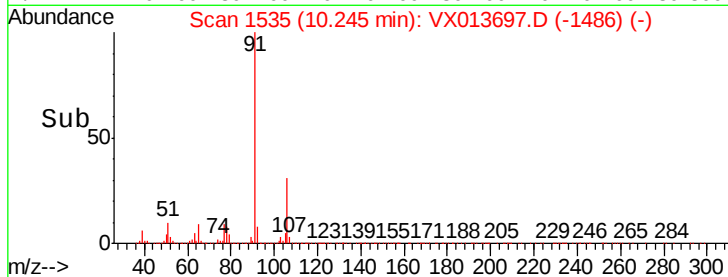
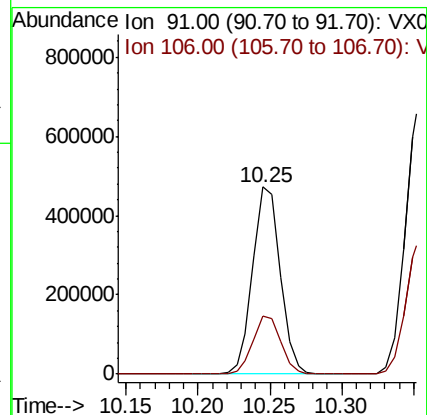
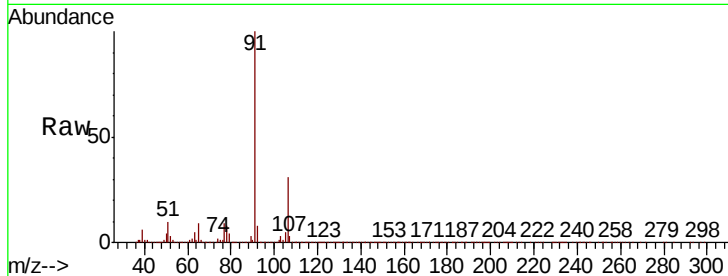
VX1129WBS01

Tot Ion: 91 Resp: 625671

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 38.396 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013697.D

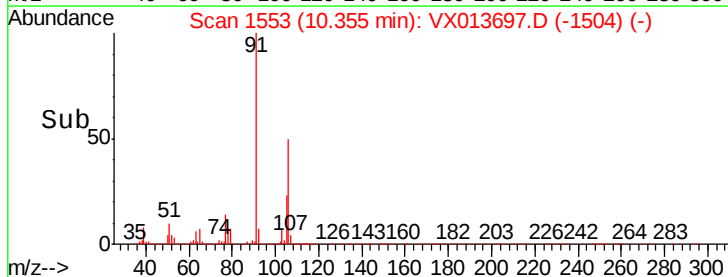
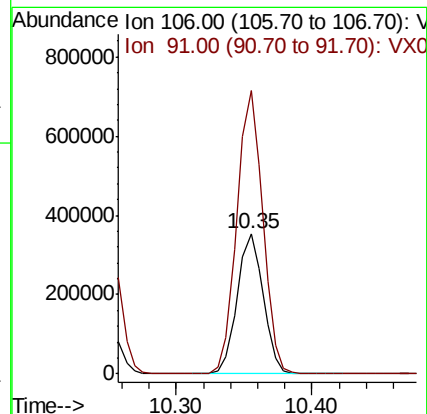
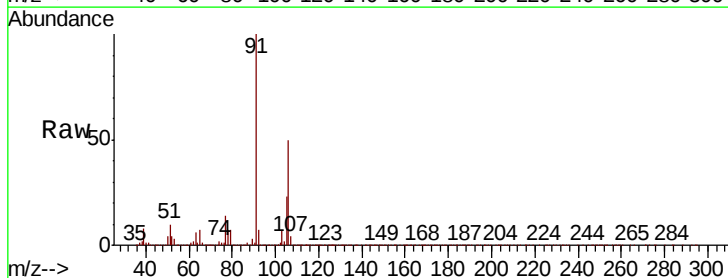
Acq: 29 Nov 2019 13:34

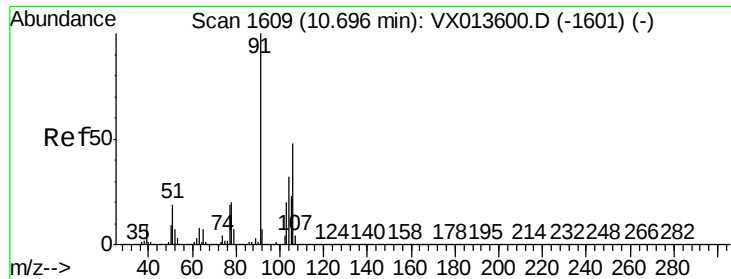
Tgt Ion: 106 Resp: 472371

Ion Ratio Lower Upper

106 100

91 200.7 159.0 238.4

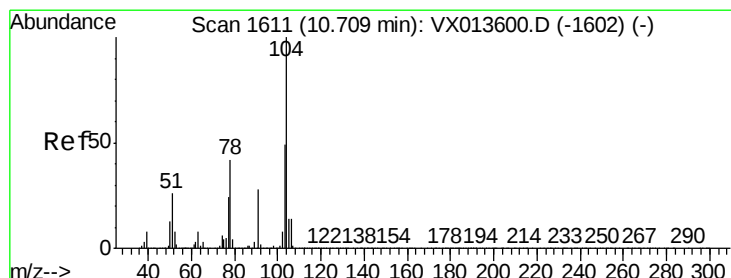
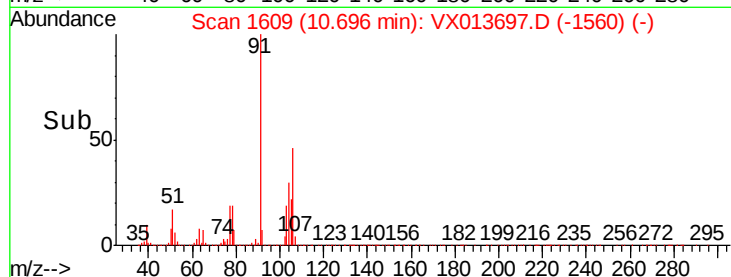
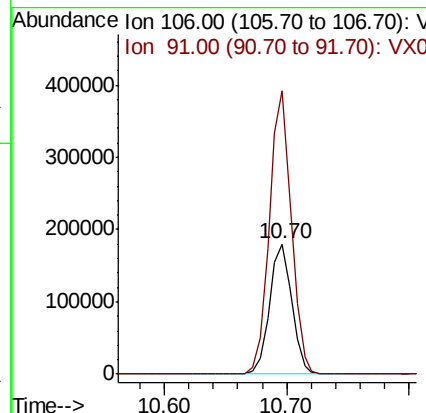
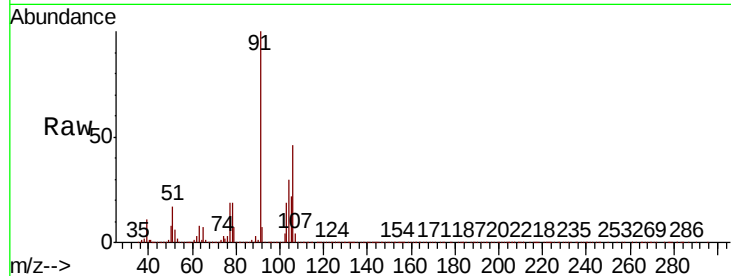




#69
o-Xylene
Concen: 19.052 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

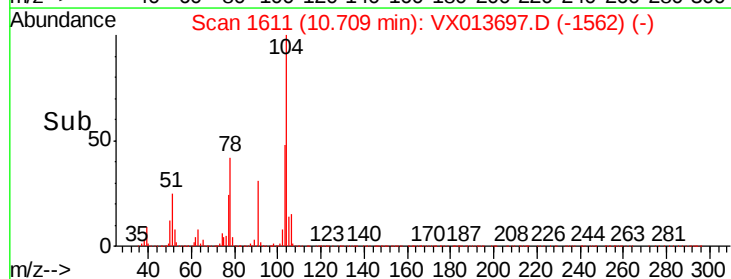
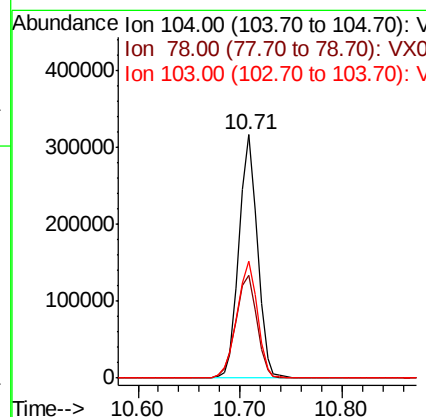
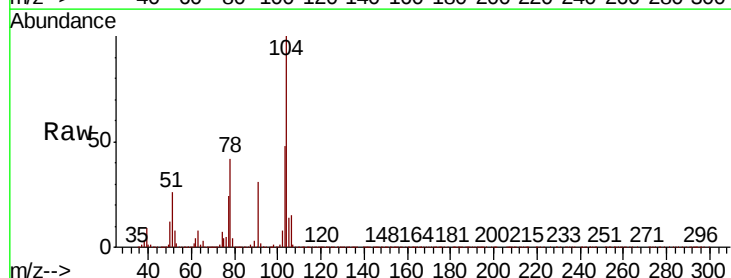
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

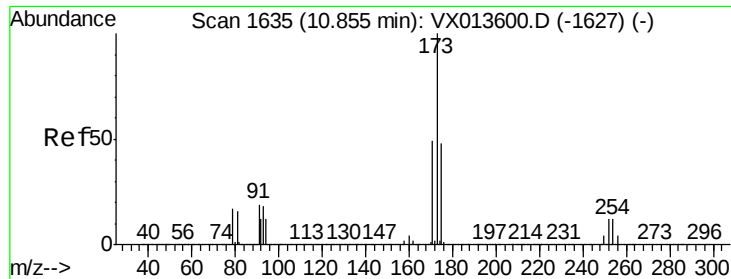
Tot Ion:106 Resp: 228597
Ion Ratio Lower Upper
106 100
91 213.8 104.1 312.2



#70
Styrene
Concen: 19.565 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion:104 Resp: 394895
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.2 43.7 65.5

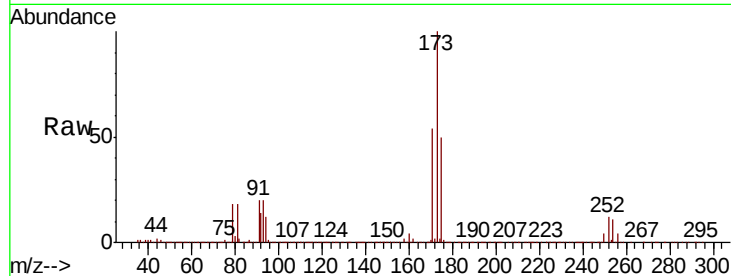




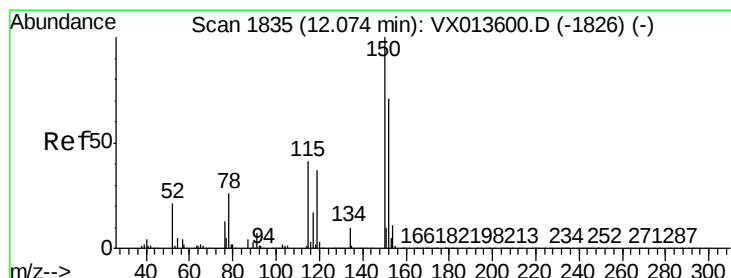
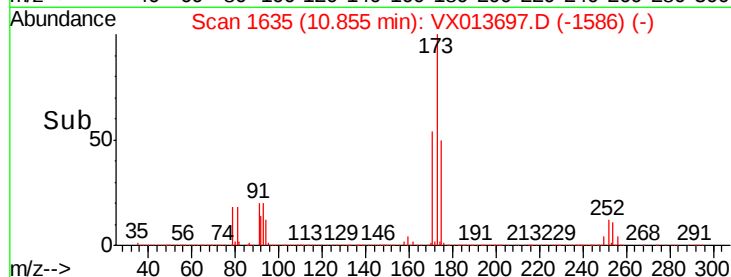
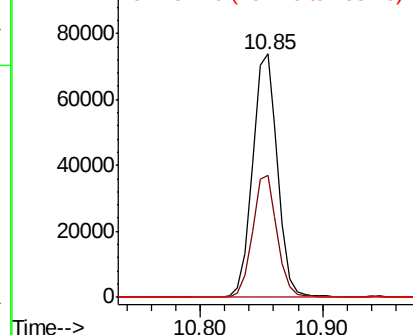
#71
Bromoform
Concen: 18.828 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Instrument :
MSVOA_X
ClientSampled :
VX1129WBS01

Tot Ion:173 Resp: 104609
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.6 0.2 0.4#

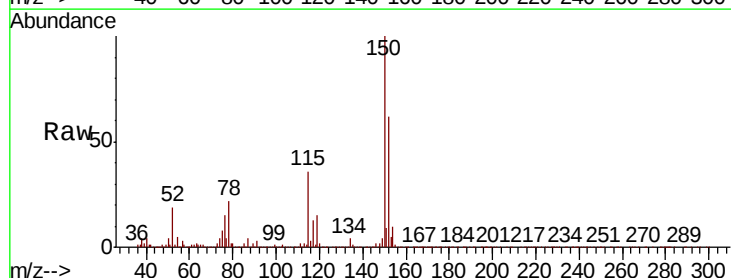


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

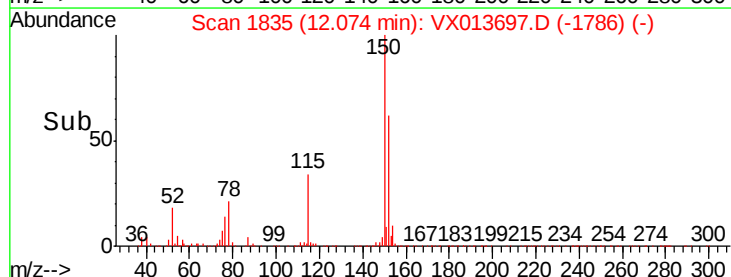
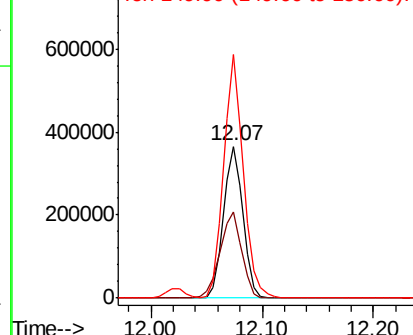


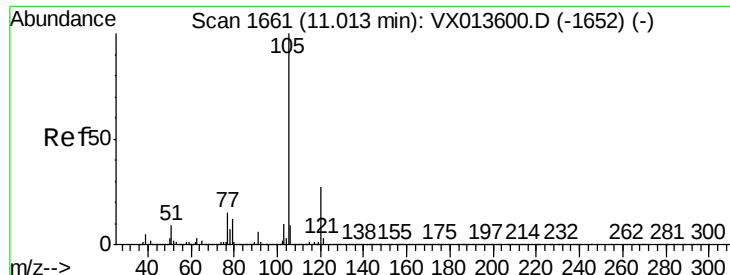
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion:152 Resp: 439414
Ion Ratio Lower Upper
152 100
115 63.3 38.4 115.1
150 162.2 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: 19.978 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

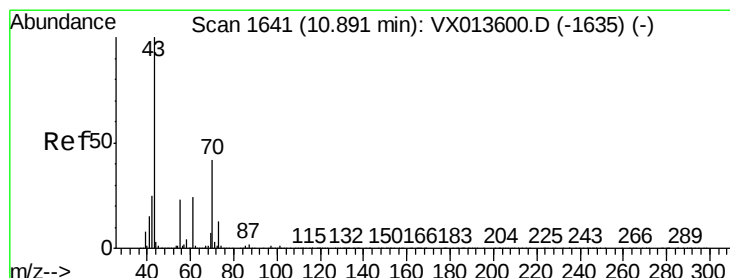
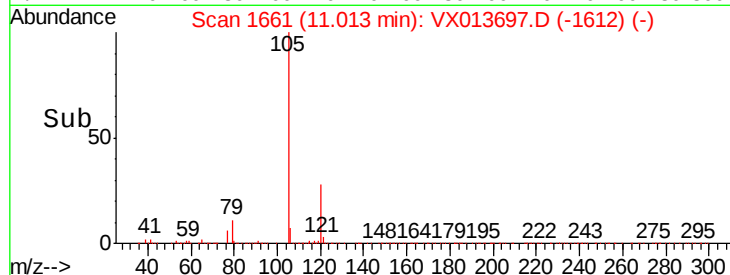
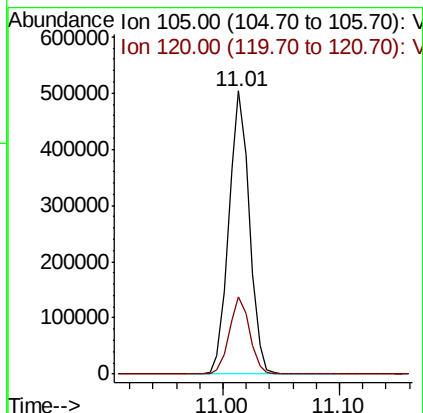
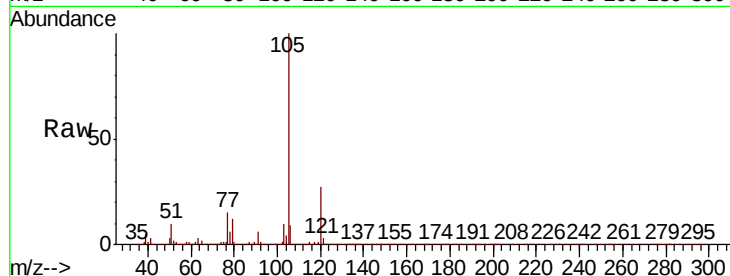
VX1129WBS01

Tot Ion:105 Resp: 615776

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 19.571 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Tgt Ion: 43 Resp: 276333

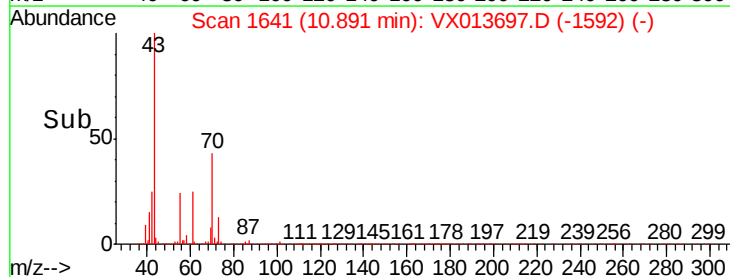
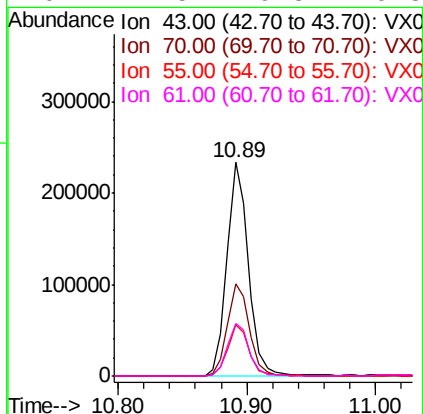
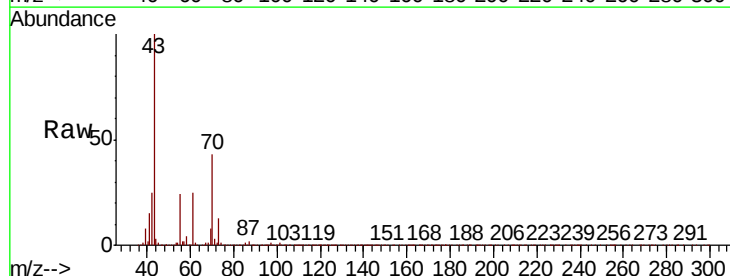
Ion Ratio Lower Upper

43 100

70 43.9 34.3 51.5

55 24.5 18.5 27.7

61 24.5 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.109 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBS01

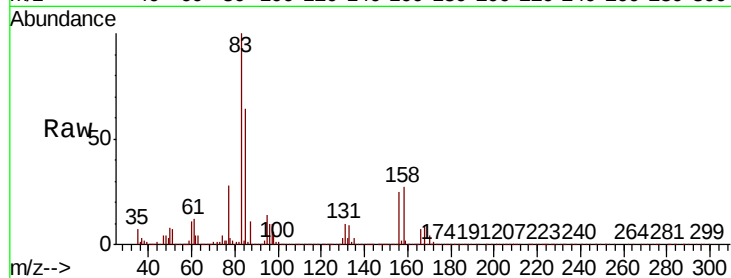
Tot Ion: 83 Resp: 214955

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.4	31.8	95.3

83 100

131 10.2 5.1 15.3

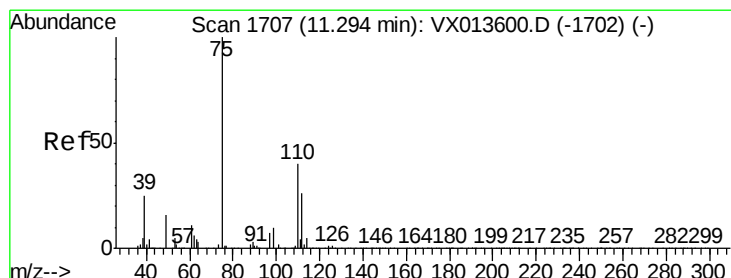
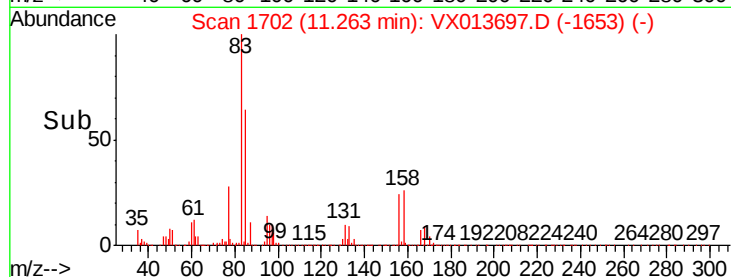
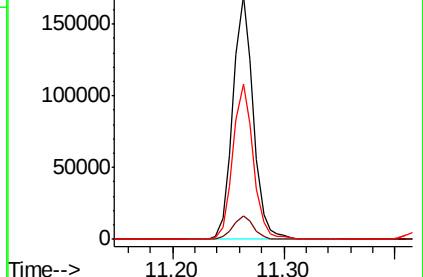
85 64.4 31.8 95.3



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: 23.603 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013697.D

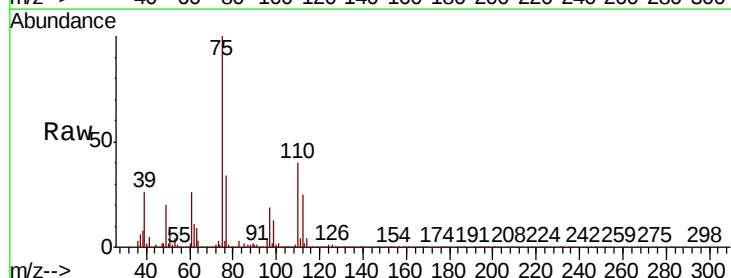
Acq: 29 Nov 2019 13:34

Tgt Ion: 75 Resp: 233275

Ion	Ratio	Lower	Upper
75	100		
77	31.8	19.1	57.5

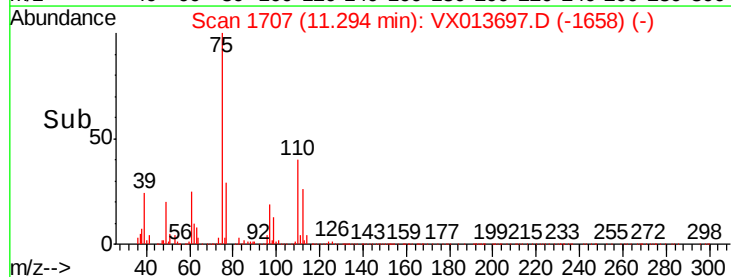
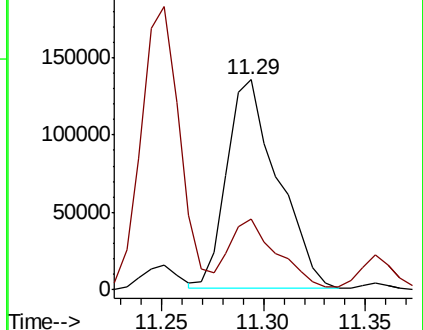
75 100

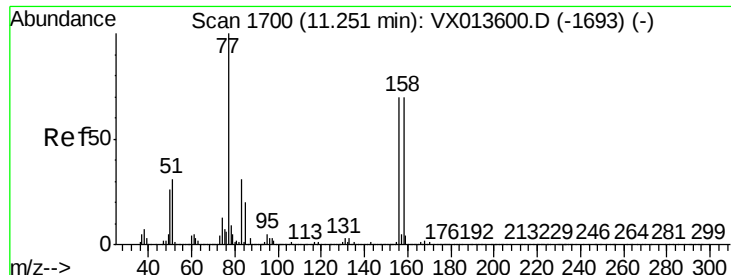
77 31.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.329 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBS01

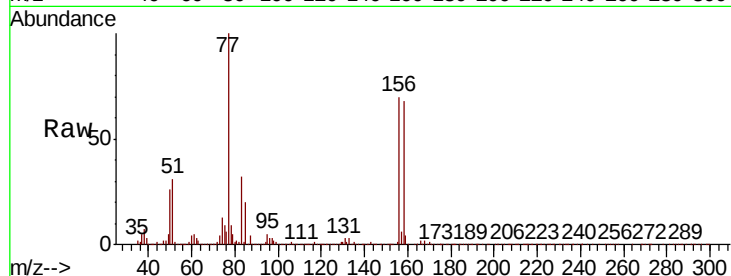
Tot Ion:156 Resp: 160954

Ion Ratio Lower Upper

156 100

77 150.3 74.4 223.1

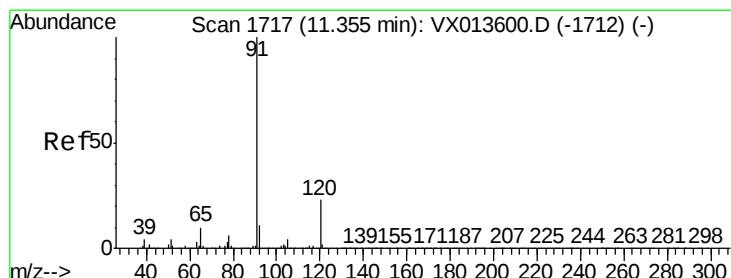
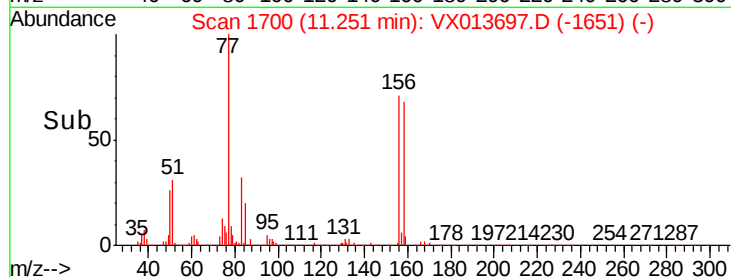
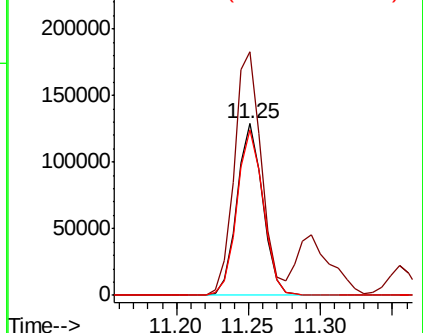
158 98.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.673 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013697.D

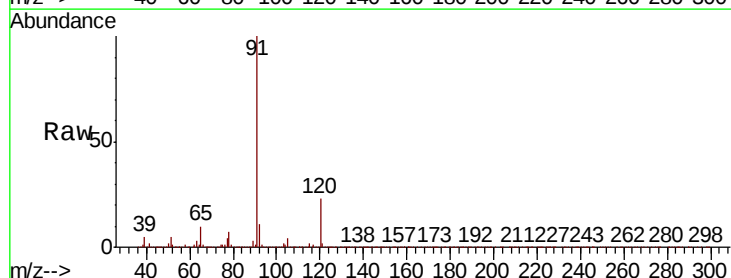
Acq: 29 Nov 2019 13:34

Tgt Ion: 91 Resp: 676925

Ion Ratio Lower Upper

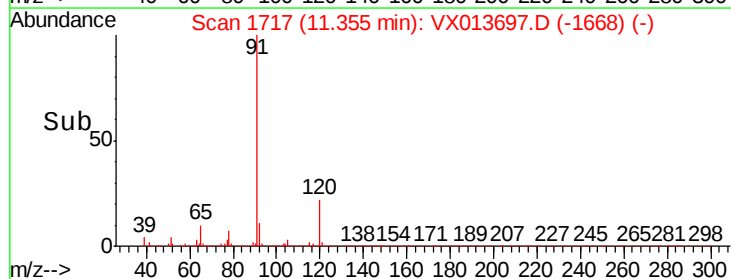
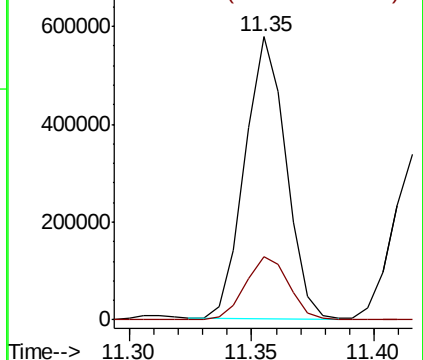
91 100

120 23.7 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: 19.854 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

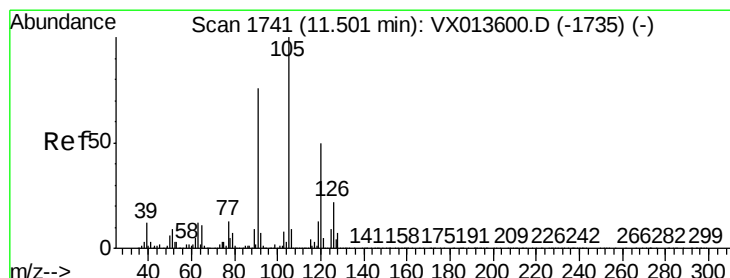
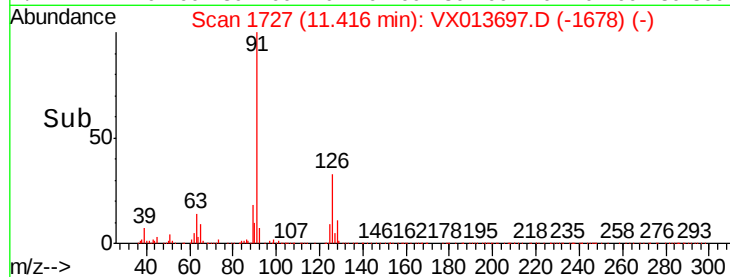
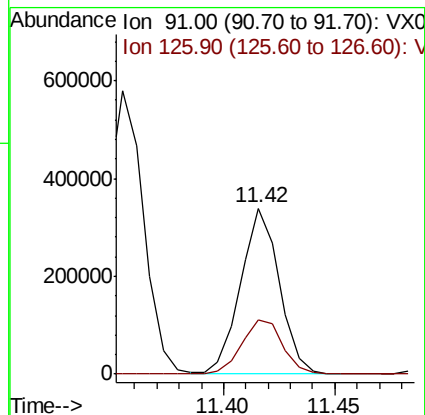
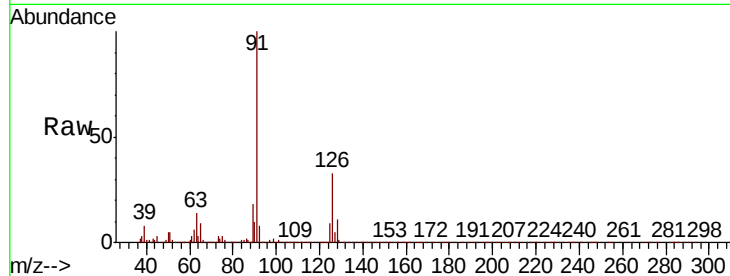
VX1129WBS01

Tot Ion: 91 Resp: 409799

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.124 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013697.D

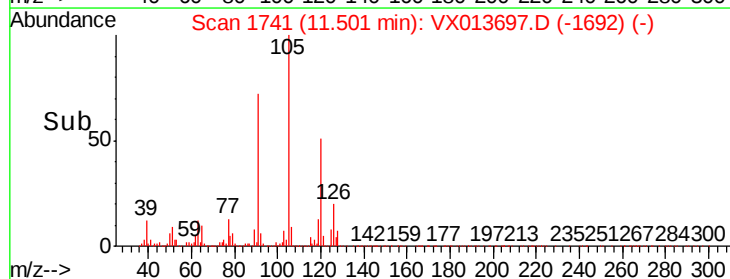
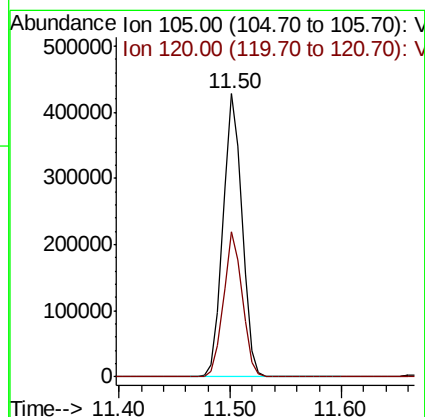
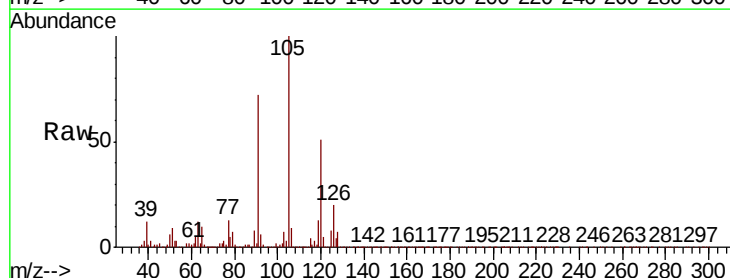
Acq: 29 Nov 2019 13:34

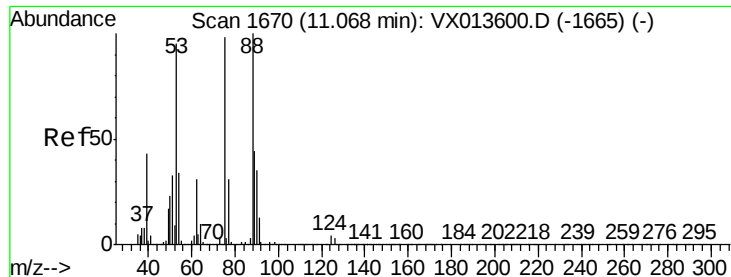
Tgt Ion: 105 Resp: 508374

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.576 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBS01

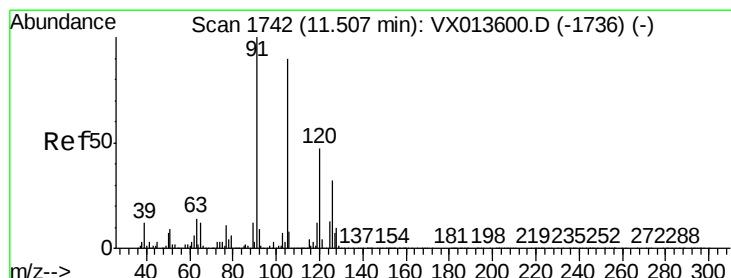
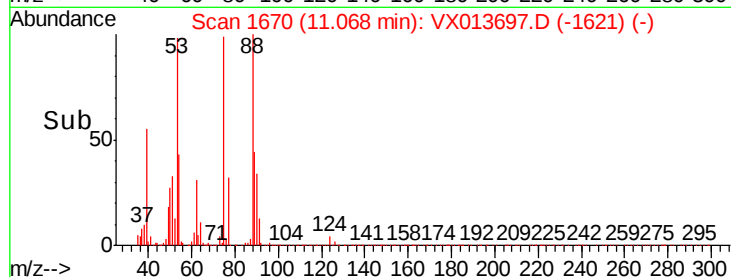
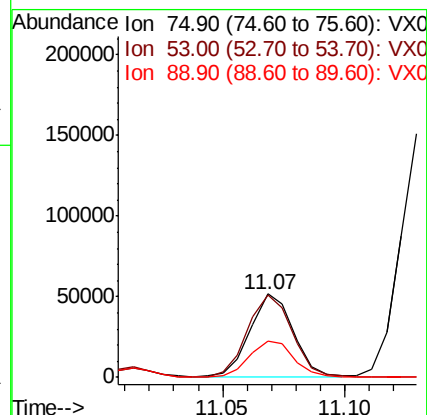
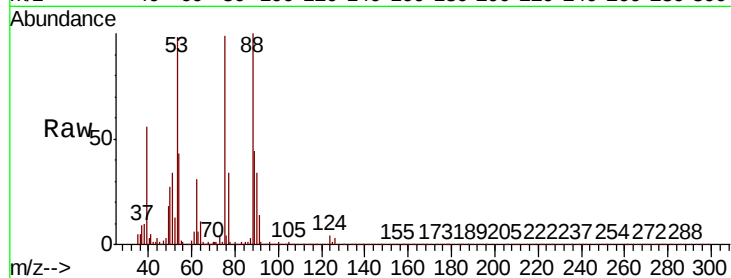
Tot Ion: 75 Resp: 63495

Ion Ratio Lower Upper

75 100

53 101.1 78.2 117.2

89 46.0 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.532 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013697.D

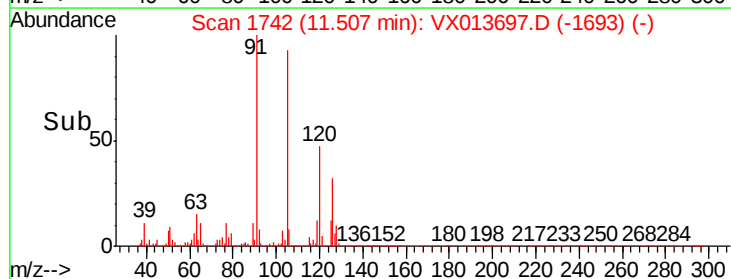
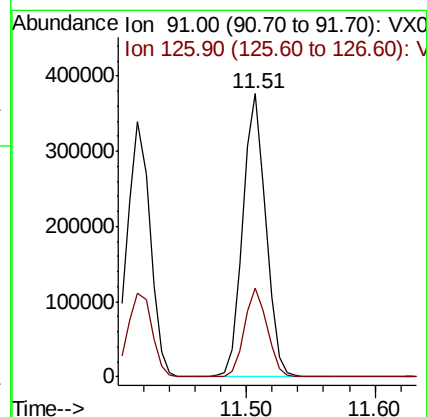
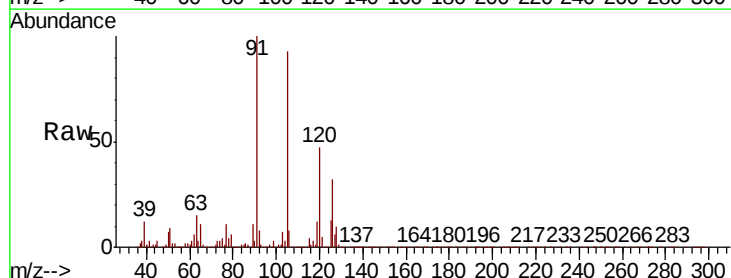
Acq: 29 Nov 2019 13:34

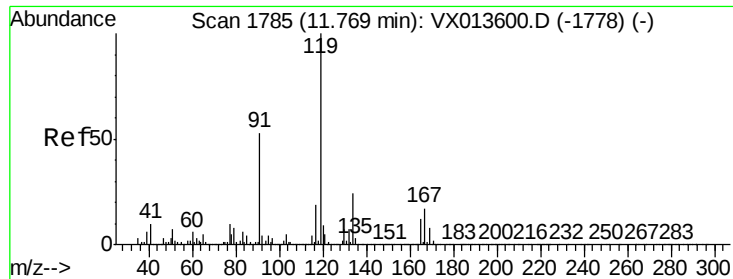
Tgt Ion: 91 Resp: 466928

Ion Ratio Lower Upper

91 100

126 30.7 15.7 47.0

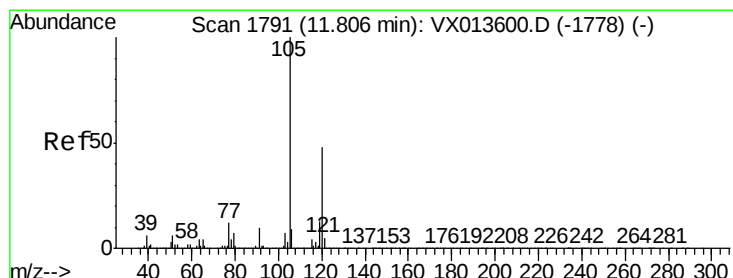
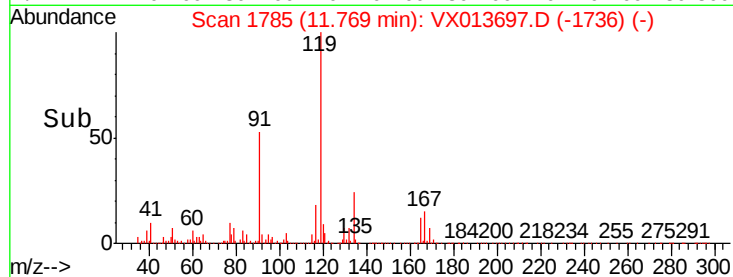
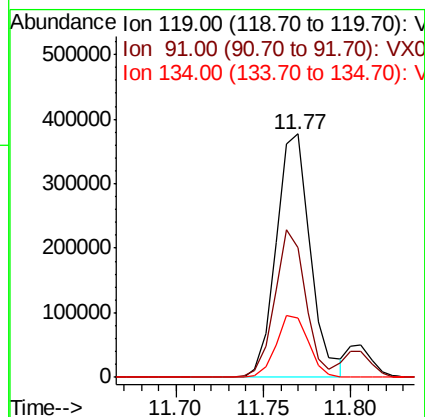
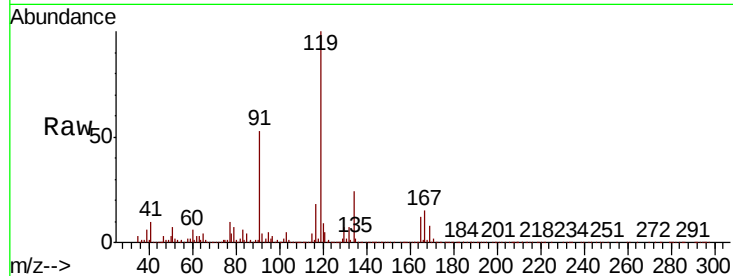




#83
tert-Butylbenzene
Concen: 19.951 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

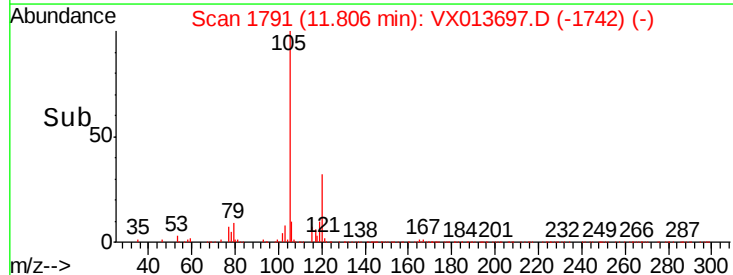
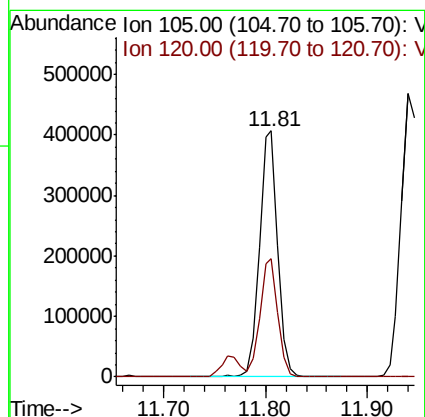
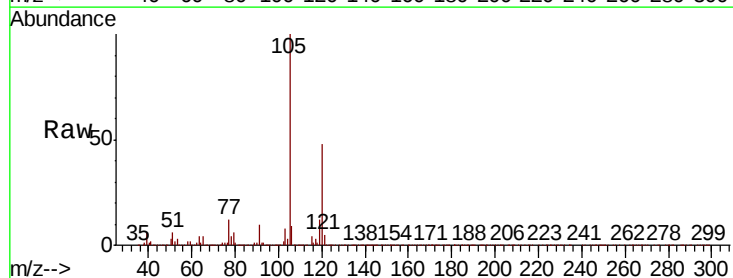
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBS01

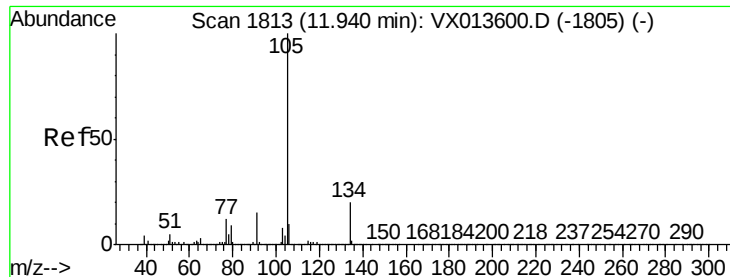
Tot Ion:119 Resp: 512216
Ion Ratio Lower Upper
119 100
91 54.7 27.2 81.6
134 24.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.903 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion:105 Resp: 510281
Ion Ratio Lower Upper
105 100
120 46.9 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.774 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

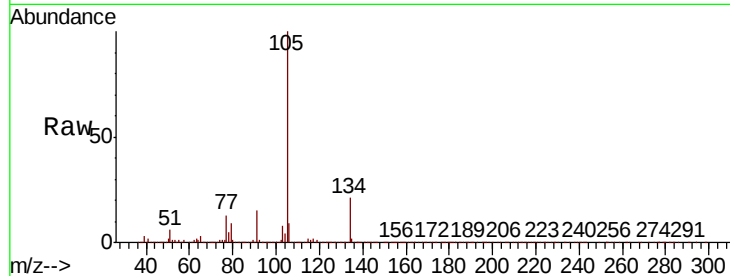
VX1129WBS01

Tot Ion:105 Resp: 579884

Ion Ratio Lower Upper

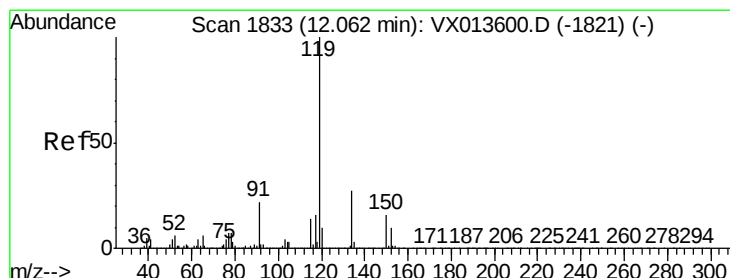
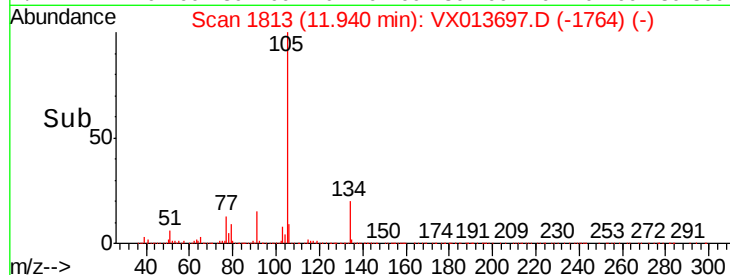
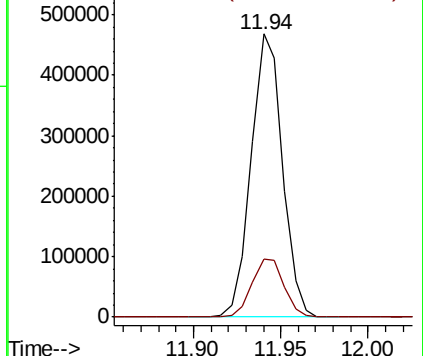
105 100

134 21.4 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: 19.410 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

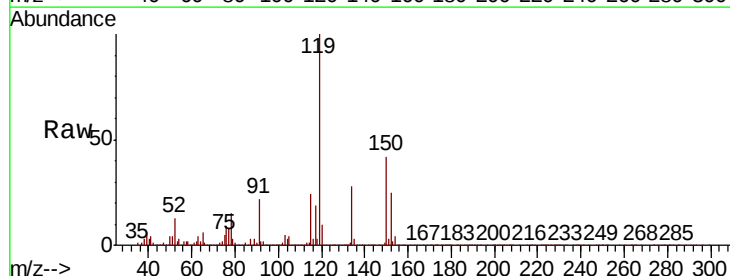
Tgt Ion:119 Resp: 529531

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

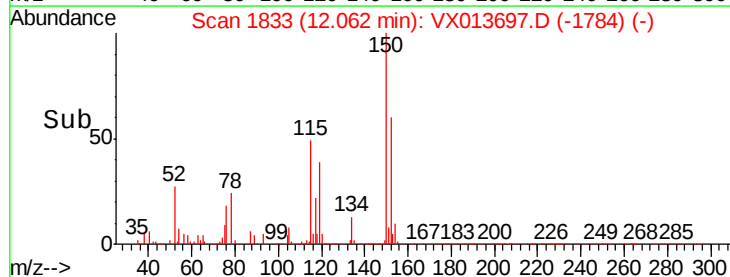
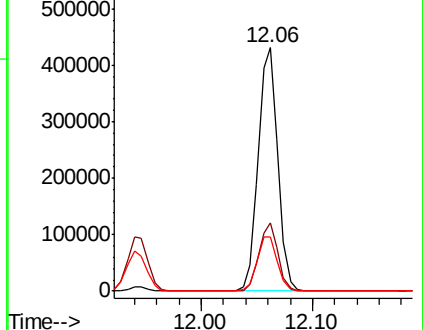
91 22.9 11.3 33.8

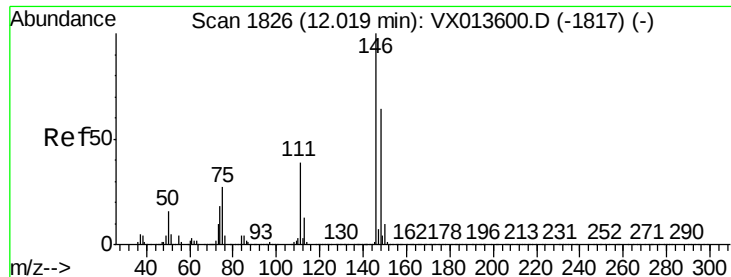


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

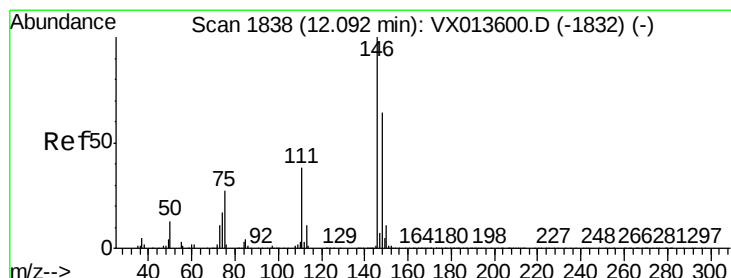
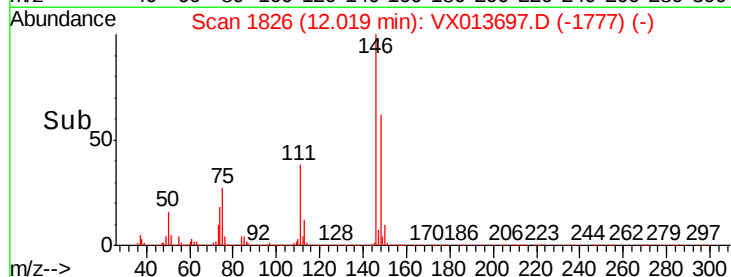
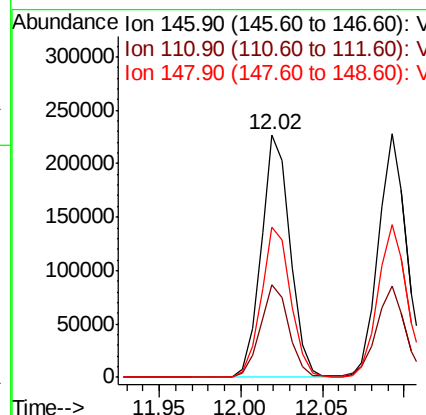
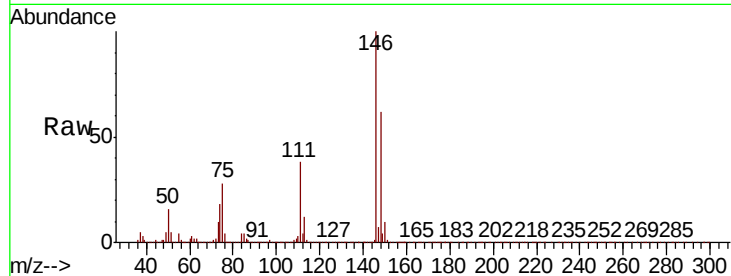




#87
 1,3-Dichlorobenzene
 Concen: 19.105 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

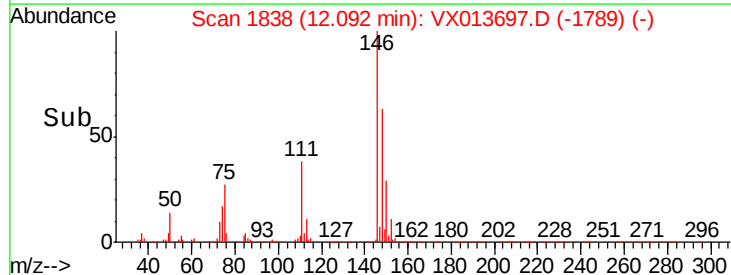
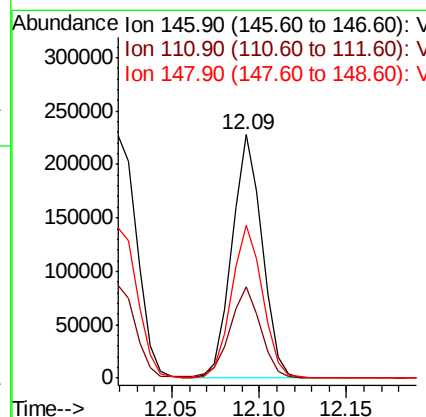
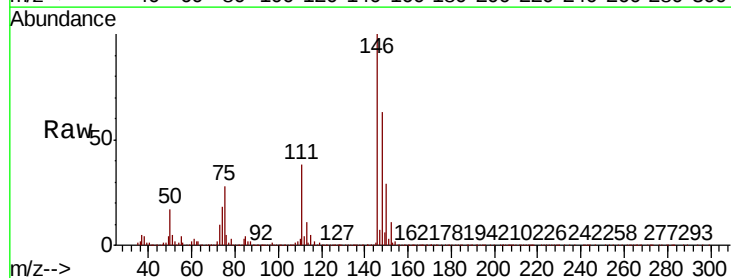
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

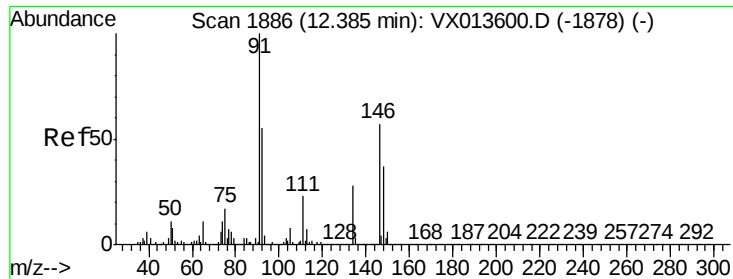
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.1	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.430 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	64.8	31.9	95.5

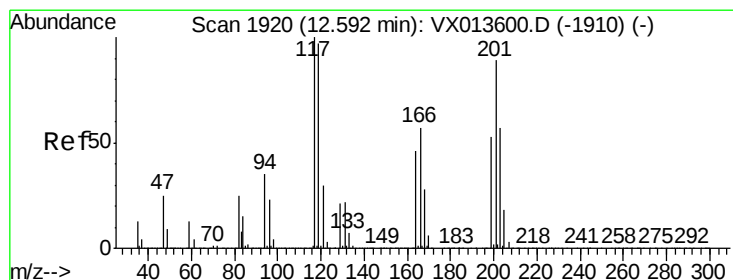
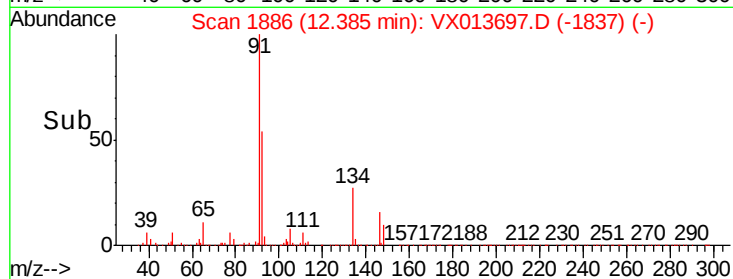
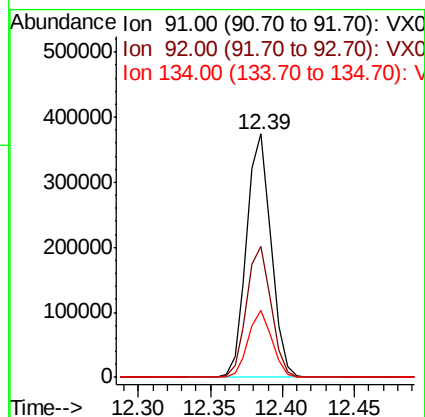
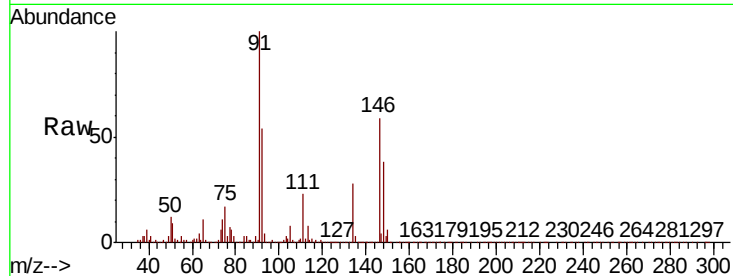




#89
n-Butylbenzene
Concen: 18.962 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

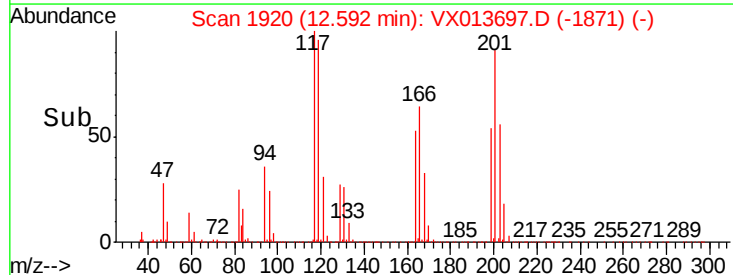
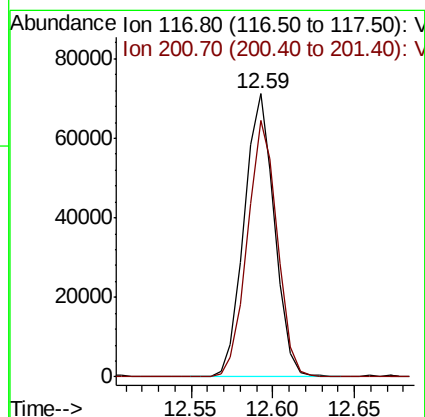
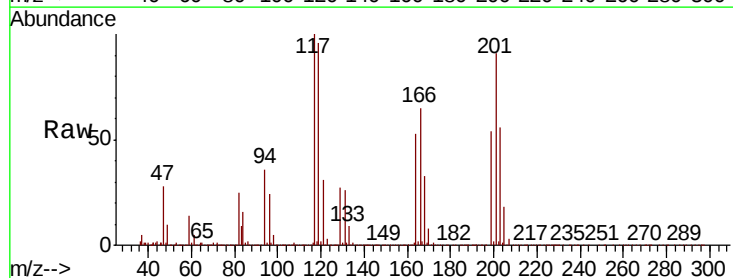
Instrument :
MSVOA_X
ClientSampled :
VX1129WBS01

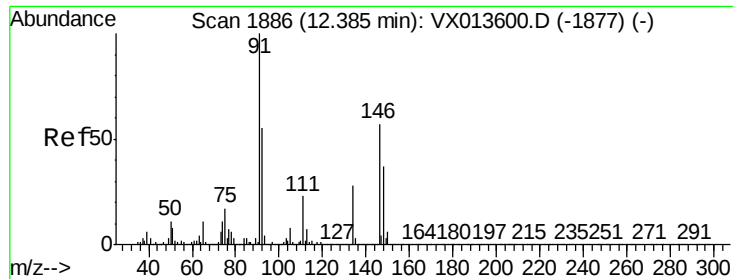
Tot Ion: 91 Resp: 441216
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.2
134 26.5 13.5 40.4



#90
Hexachloroethane
Concen: 18.634 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013697.D
Acq: 29 Nov 2019 13:34

Tgt Ion: 117 Resp: 91885
Ion Ratio Lower Upper
117 100
201 89.5 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.262 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBS01

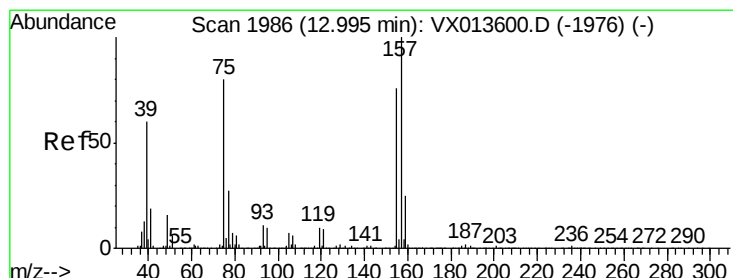
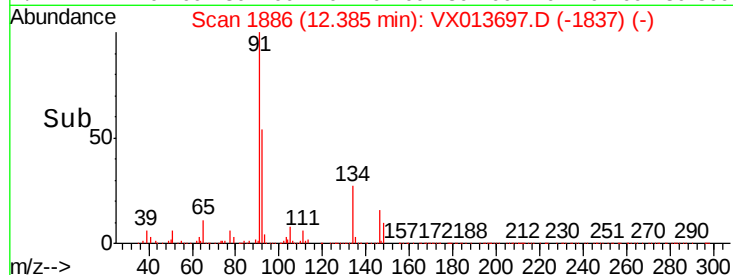
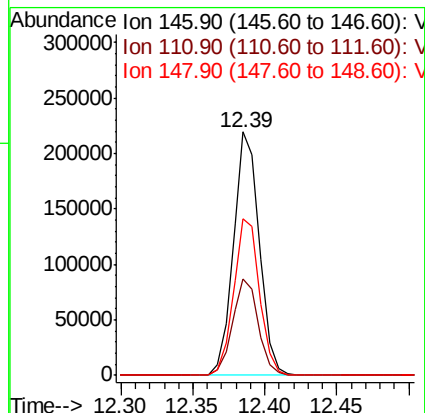
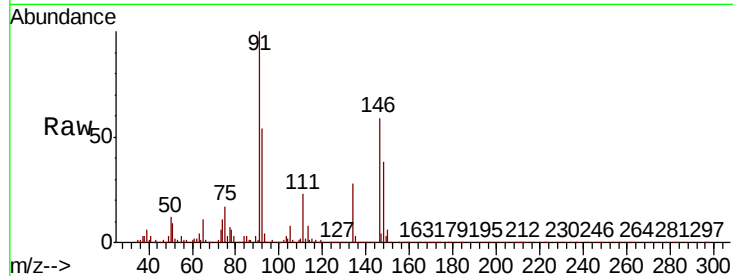
Tot Ion:146 Resp: 276251

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

148 64.3 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.734 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

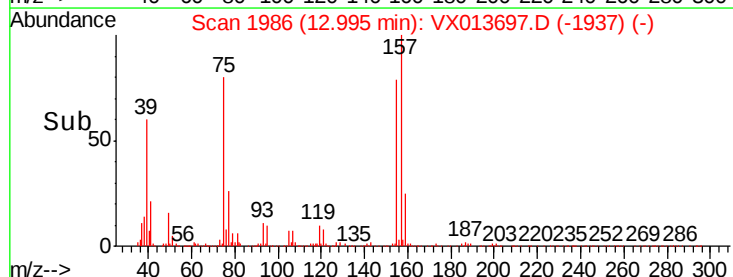
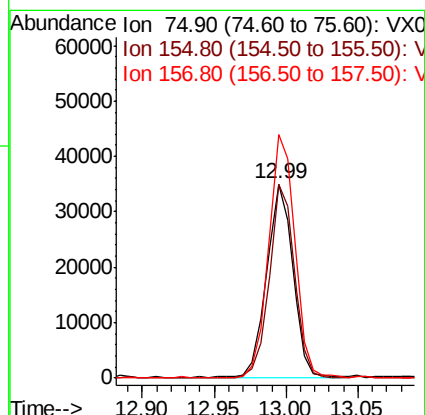
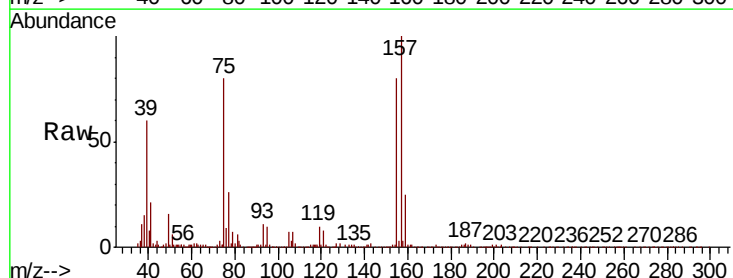
Tgt Ion: 75 Resp: 43609

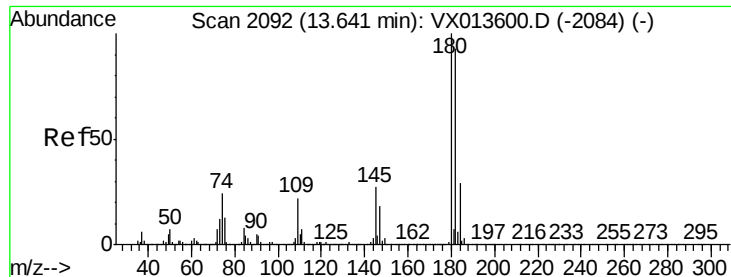
Ion Ratio Lower Upper

75 100

155 96.1 47.6 142.8

157 127.7 62.1 186.2

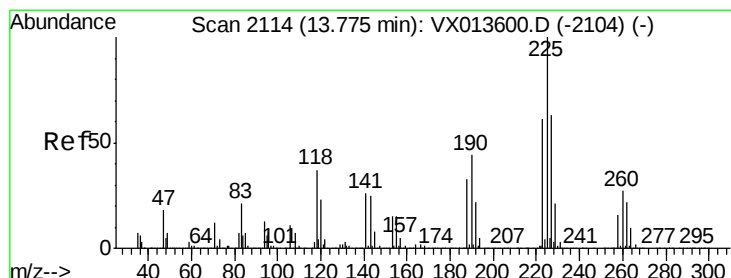
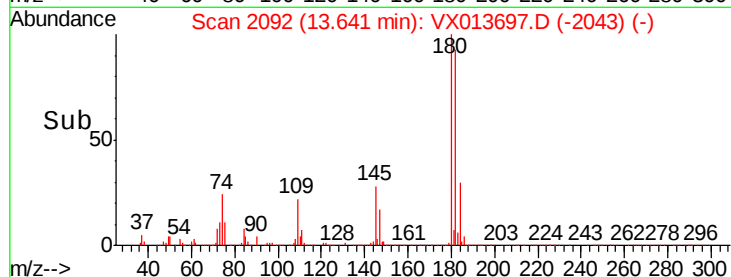
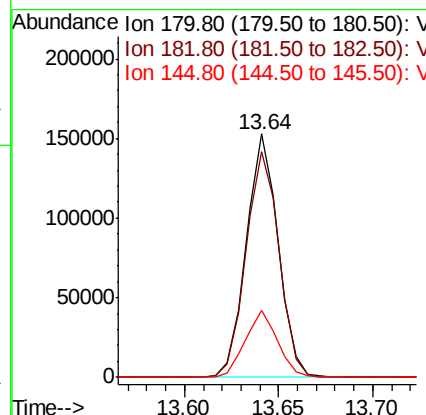
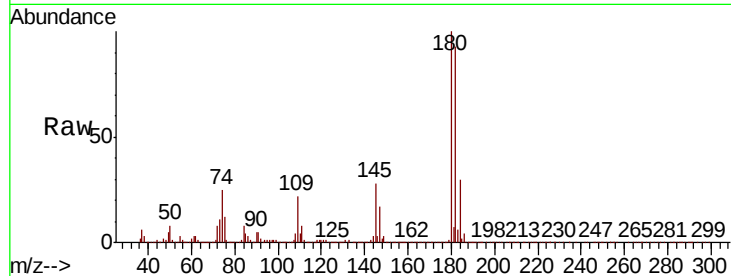




#93
 1,2,4-Trichlorobenzene
 Concen: 17.998 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

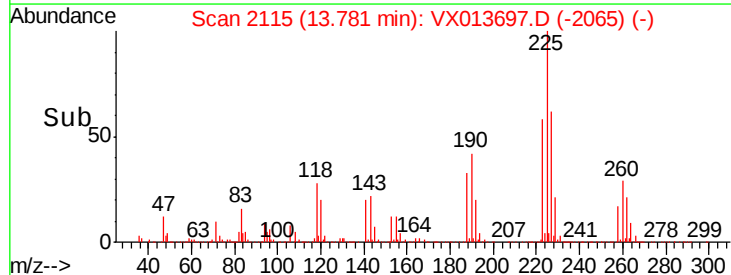
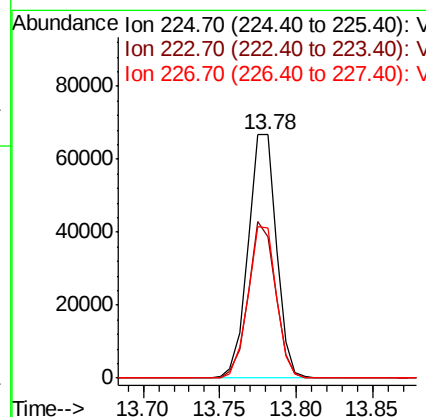
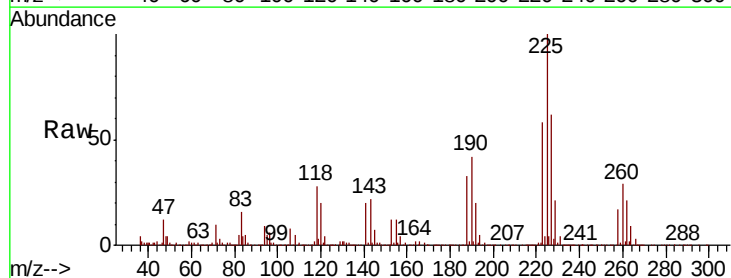
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBS01

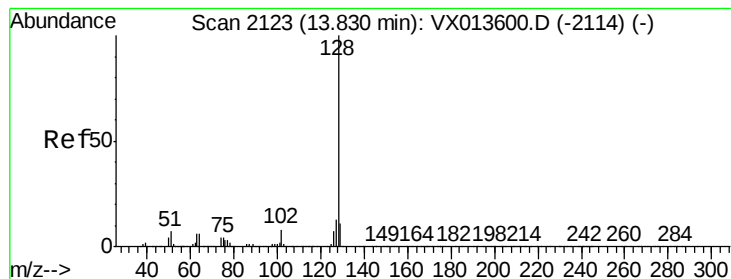
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.2	141.6
145	27.7	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 17.862 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013697.D
 Acq: 29 Nov 2019 13:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.5
227	61.9	32.1	96.3





#95

Naphthalene

Concen: 18.891 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBS01

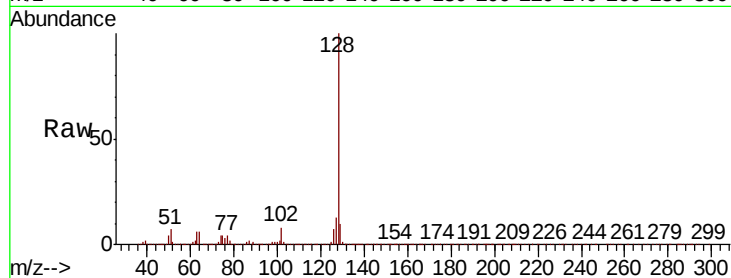
Tot Ion:128 Resp: 562314

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

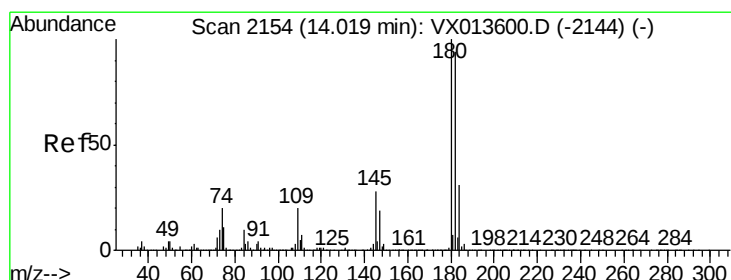
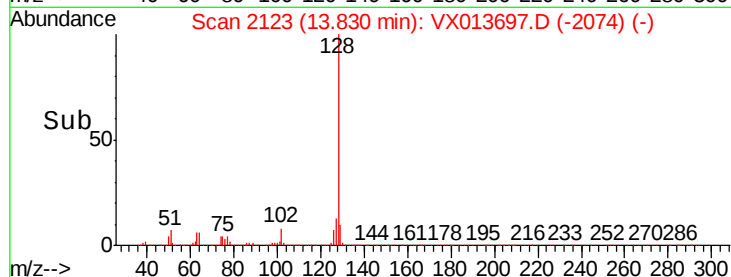
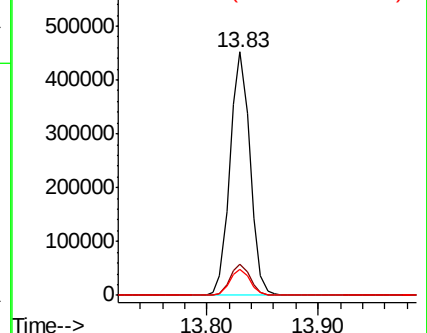
129 10.7 8.7 13.1



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: 18.510 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013697.D

Acq: 29 Nov 2019 13:34

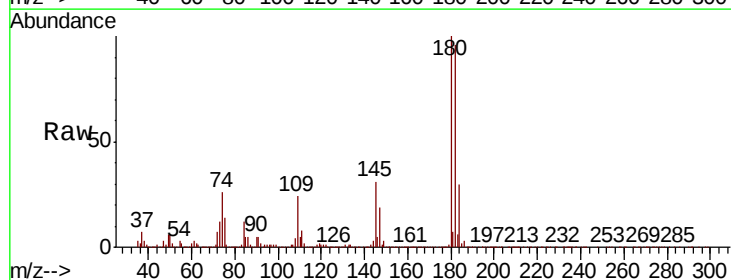
Tgt Ion:180 Resp: 183181

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 29.9 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

