

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\
 Data File : VX013721.D
 Acq On : 03 Dec 2019 13:46
 Operator : JC/SP
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 14:38:49 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	657185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1012588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	901269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441964	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	360052	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
35) Dibromofluoromethane	5.49	113	296732	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	8.71	98	1146987	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.13	95	398568	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	145147	19.843	ug/l	98
3) Chloromethane	1.32	50	163200	19.884	ug/l	94
4) Vinyl Chloride	1.40	62	188044	20.355	ug/l	100
5) Bromomethane	1.63	94	97964	15.790	ug/l	100
6) Chloroethane	1.72	64	102597	19.517	ug/l	99
7) Trichlorofluoromethane	1.92	101	199041	19.404	ug/l	100
8) Diethyl Ether	2.18	74	93491	20.145	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121565	19.402	ug/l	99
10) Methyl Iodide	2.50	142	117886	15.553	ug/l	98
11) Tert butyl alcohol	3.03	59	169073	89.792	ug/l	98
12) 1,1-Dichloroethene	2.36	96	120283	19.232	ug/l	99
13) Acrolein	2.28	56	106008	88.165	ug/l	99
14) Allyl chloride	2.72	41	222716	19.623	ug/l	99
15) Acrylonitrile	3.13	53	390712	100.525	ug/l	99
16) Acetone	2.43	43	415975	110.448	ug/l	100
17) Carbon Disulfide	2.56	76	317106	17.786	ug/l	99
18) Methyl Acetate	2.76	43	224319	21.389	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	411781	19.875	ug/l	99
20) Methylene Chloride	2.85	84	140836	19.464	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	130261	19.119	ug/l	97
22) Diisopropyl ether	3.84	45	446805	20.444	ug/l	96
23) Vinyl Acetate	3.80	43	1767955	97.243	ug/l	99
24) 1,1-Dichloroethane	3.69	63	238903	19.997	ug/l	99
25) 2-Butanone	4.66	43	579422	103.517	ug/l	98
26) 2,2-Dichloropropane	4.57	77	193025	19.528	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	149196	19.068	ug/l	97
28) Bromochloromethane	5.01	49	101033	21.392	ug/l	97
29) Tetrahydrofuran	5.12	42	351861	101.971	ug/l	100
30) Chloroform	5.20	83	230517	19.025	ug/l	97
31) Cyclohexane	5.57	56	215326	19.109	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	198005	19.556	ug/l	100
36) 1,1-Dichloropropene	5.79	75	173700	18.897	ug/l	99
37) Ethyl Acetate	4.82	43	209085	20.276	ug/l	99
38) Carbon Tetrachloride	5.78	117	163780	19.324	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013721.D
 Acq On : 03 Dec 2019 13:46
 Operator : JC/SP
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 14:38:49 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	210767	18.550	ug/l	97
40) Benzene	6.14	78	548449	19.591	ug/l	98
41) Methacrylonitrile	5.03	41	118451	20.946	ug/l	99
42) 1,2-Dichloroethane	6.18	62	184589	19.334	ug/l	98
43) Isopropyl Acetate	6.43	43	337562	19.884	ug/l	99
44) Trichloroethene	7.21	130	144902	18.860	ug/l	97
45) 1,2-Dichloropropane	7.51	63	139123	19.863	ug/l	98
46) Dibromomethane	7.65	93	90679	19.062	ug/l	99
47) Bromodichloromethane	7.89	83	177763	19.766	ug/l	98
48) Methyl methacrylate	7.76	41	166320	20.164	ug/l	98
49) 1,4-Dioxane	7.73	88	70454	381.592	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1082715	101.391	ug/l	99
52) Toluene	8.78	92	341860	19.657	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	195844	19.132	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	220432	19.710	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	140582	20.059	ug/l	99
56) Ethyl methacrylate	9.17	69	223646	19.848	ug/l	99
57) 1,3-Dichloropropane	9.37	76	234912	19.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	411008	93.033	ug/l	100
59) 2-Hexanone	9.48	43	836582	100.448	ug/l	99
60) Dibromochloromethane	9.57	129	141034	19.390	ug/l	98
61) 1,2-Dibromoethane	9.67	107	145508	19.439	ug/l	100
64) Tetrachloroethene	9.33	164	149497	22.243	ug/l	99
65) Chlorobenzene	10.14	112	363680	19.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	133641	19.889	ug/l	99
67) Ethyl Benzene	10.25	91	629773	19.586	ug/l	100
68) m/p-Xylenes	10.35	106	481484	39.111	ug/l	100
69) o-Xylene	10.70	106	233756	19.469	ug/l	98
70) Styrene	10.71	104	401915	19.900	ug/l	99
71) Bromoform	10.85	173	106791	19.208	ug/l #	100
73) Isopropylbenzene	11.01	105	620138	20.003	ug/l	99
74) N-amyl acetate	10.89	43	290365	20.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	220729	20.530	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	243765	24.522	ug/l	88
77) Bromobenzene	11.25	156	160909	19.212	ug/l	99
78) n-propylbenzene	11.35	91	694921	20.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	407198	19.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	510515	20.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68379	18.819	ug/l	97
82) 4-Chlorotoluene	11.51	91	466138	19.386	ug/l	99
83) tert-Butylbenzene	11.76	119	501854	19.434	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	514090	19.936	ug/l	99
85) sec-Butylbenzene	11.94	105	589514	19.987	ug/l	99
86) p-Isopropyltoluene	12.06	119	535252	19.507	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	275925	18.900	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	276852	18.617	ug/l	99
89) n-Butylbenzene	12.39	91	443577	18.954	ug/l	100
90) Hexachloroethane	12.59	117	95734	19.302	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	281499	19.515	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45946	19.624	ug/l	99

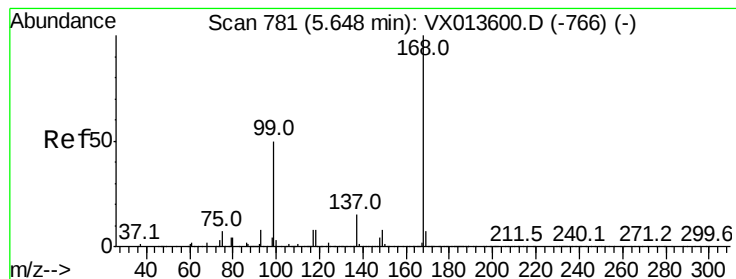
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013721.D
Acq On : 03 Dec 2019 13:46
Operator : JC/SP
Sample : VX1203WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 03 14:38:49 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	182009	18.105	ug/l	100
94) Hexachlorobutadiene	13.78	225	85945	17.797	ug/l	99
95) Naphthalene	13.83	128	577342	19.284	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	186666	18.753	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

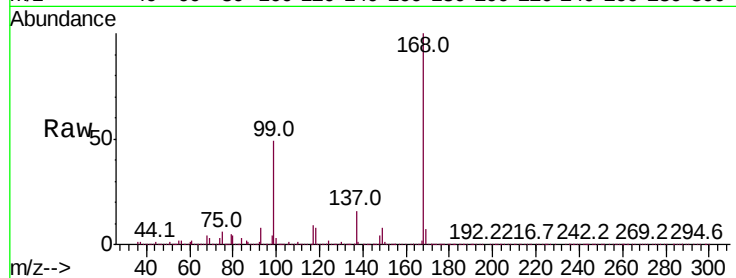
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 657185

Ion Ratio Lower Upper

168 100

99 49.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

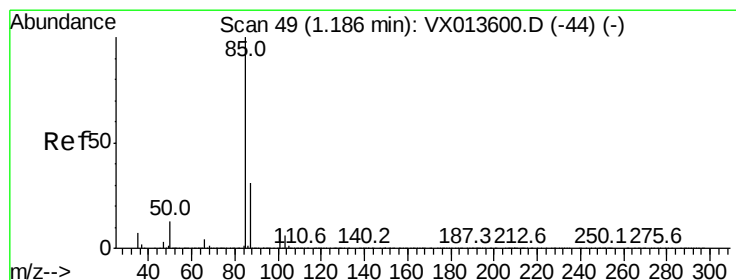
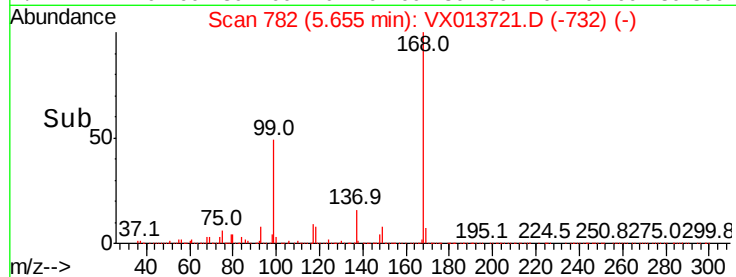
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.843 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013721.D

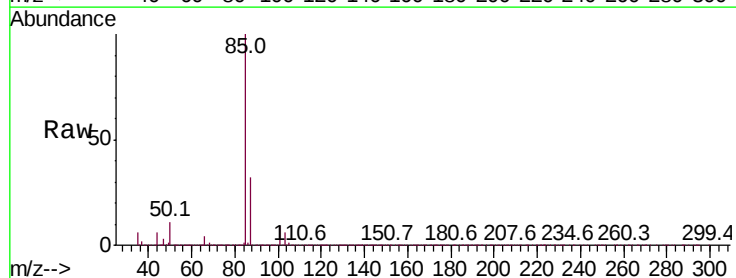
Acq: 03 Dec 2019 13:46

Tgt Ion: 85 Resp: 145147

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

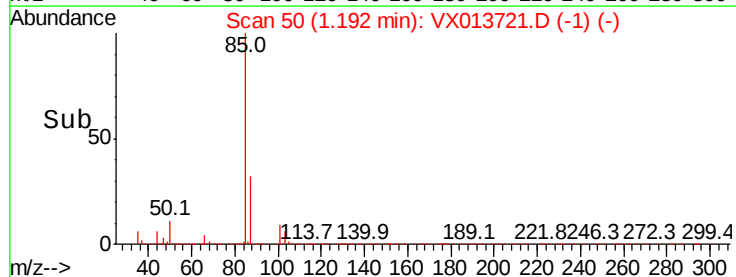
100000

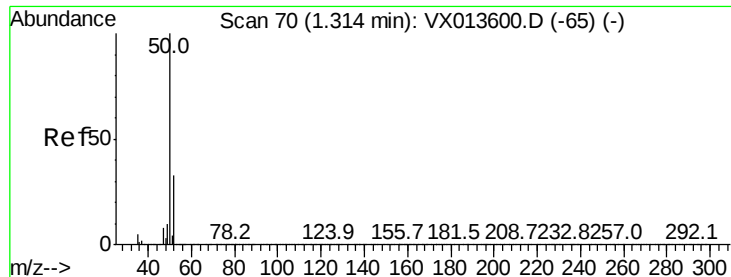
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 19.884 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

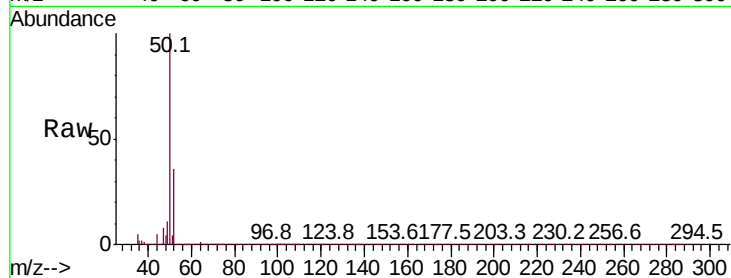
ClientSampleId :

Tot Ion: 50 Resp: 163200

Ion Ratio Lower Upper

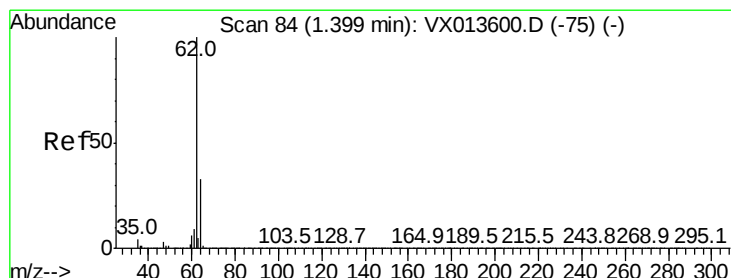
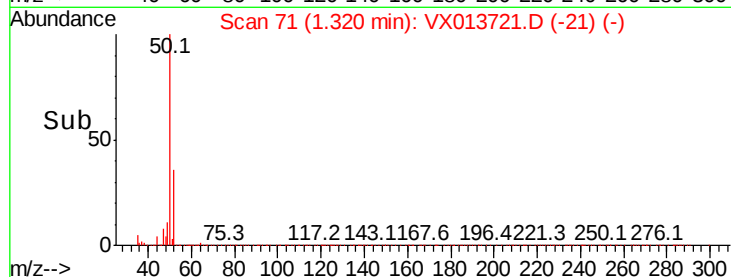
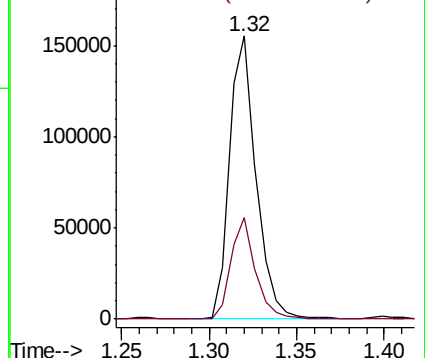
50 100

52 35.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.355 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013721.D

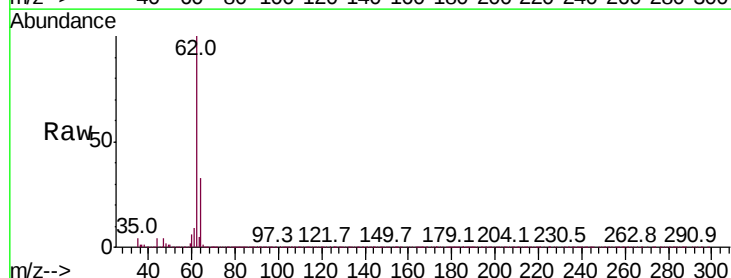
Acq: 03 Dec 2019 13:46

Tgt Ion: 62 Resp: 188044

Ion Ratio Lower Upper

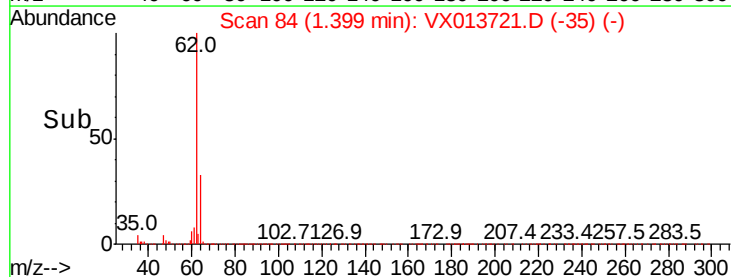
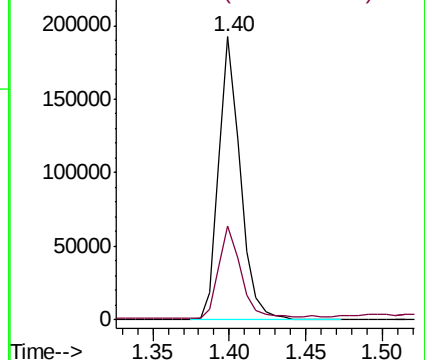
62 100

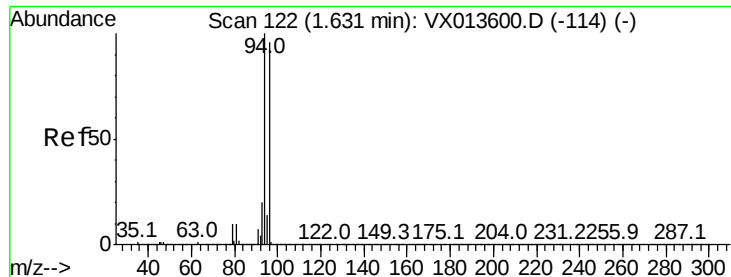
64 32.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.790 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

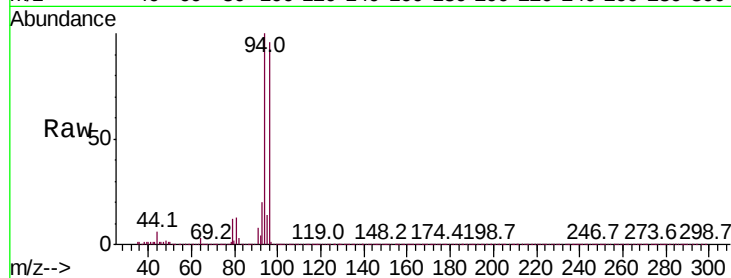
ClientSampleId :

Tot Ion: 94 Resp: 97964

Ion Ratio Lower Upper

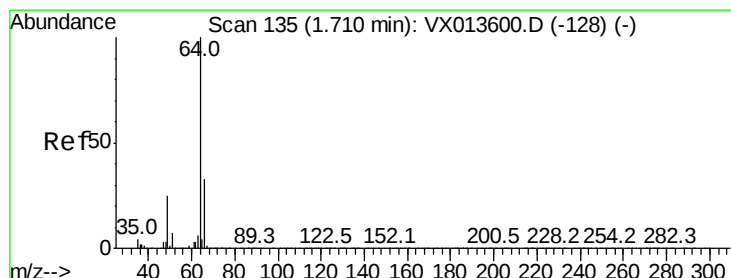
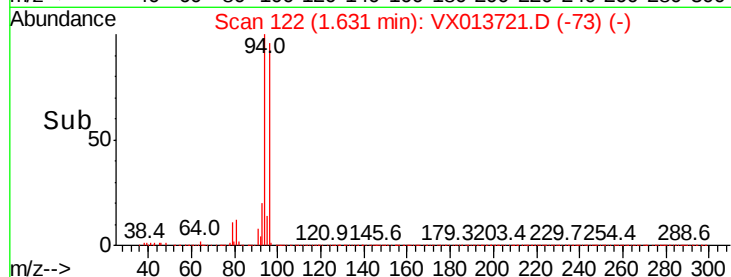
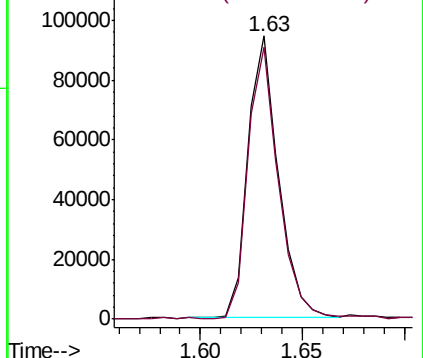
94 100

96 95.8 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: 19.517 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013721.D

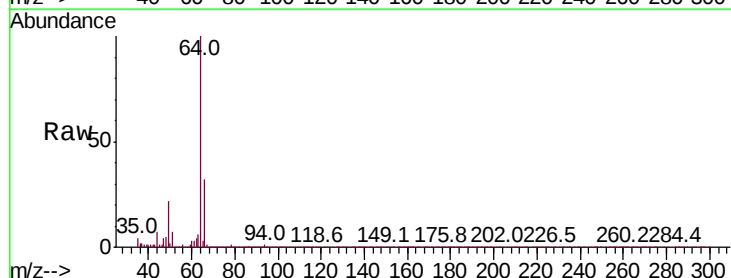
Acq: 03 Dec 2019 13:46

Tgt Ion: 64 Resp: 102597

Ion Ratio Lower Upper

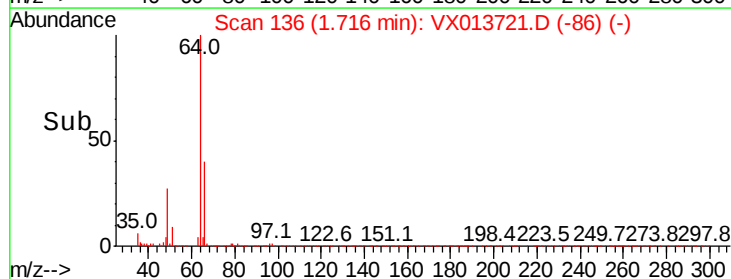
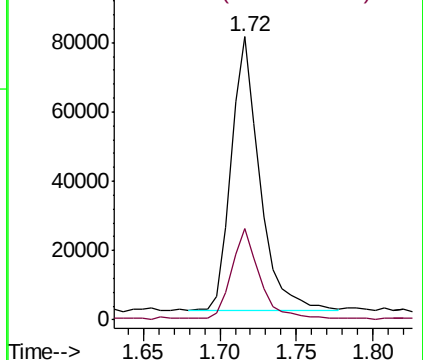
64 100

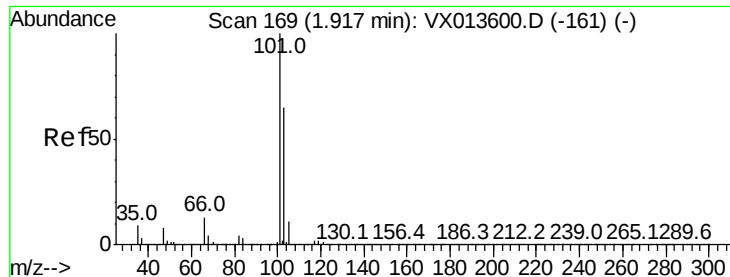
66 32.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



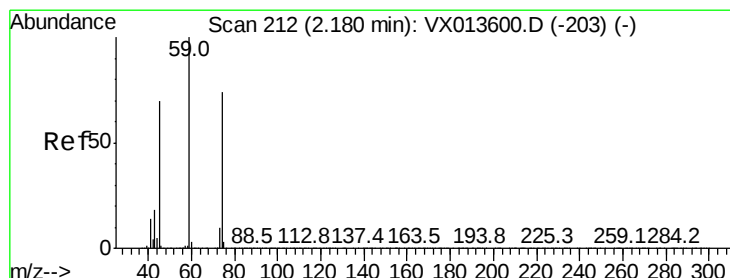
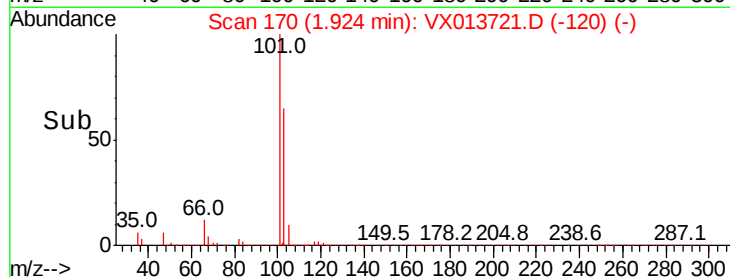
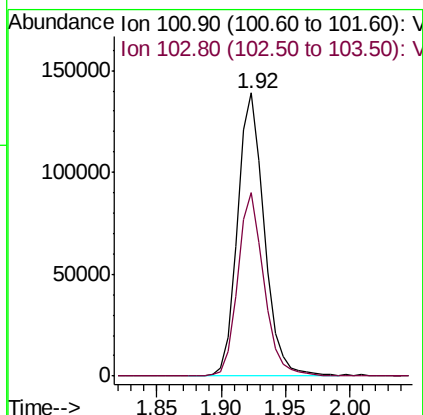
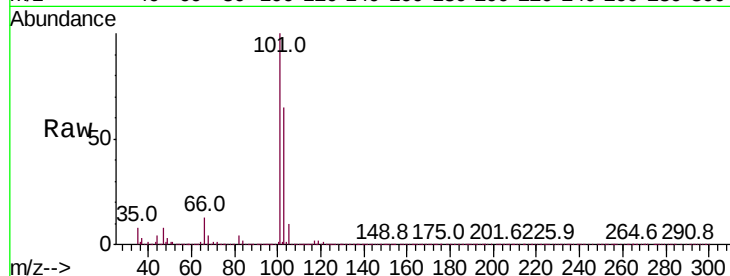


#7

Trichlorofluoromethane
Concen: 19.404 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

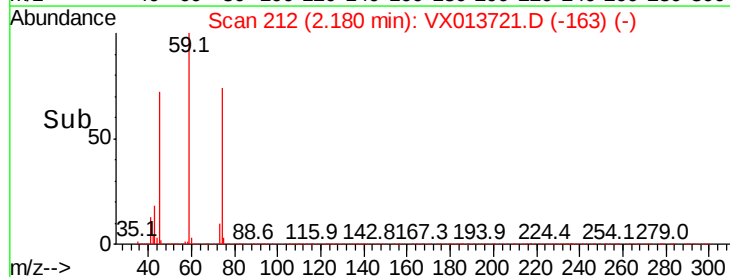
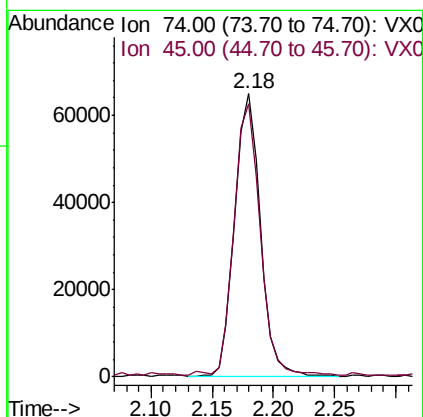
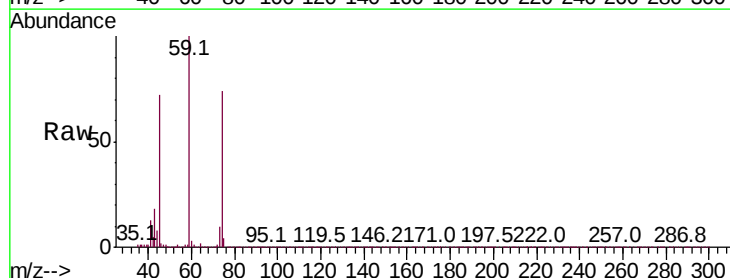
Tot Ion:101 Resp: 199041
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

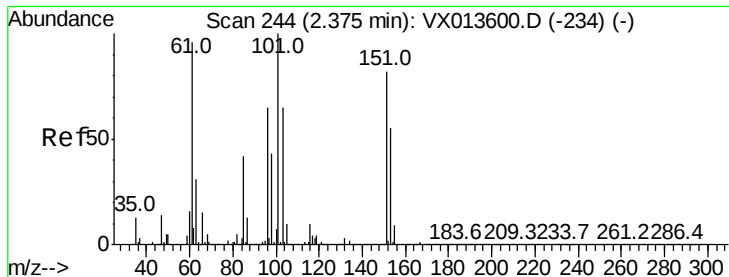


#8

Diethyl Ether
Concen: 20.145 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 74 Resp: 93491
Ion Ratio Lower Upper
74 100
45 98.3 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.402 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

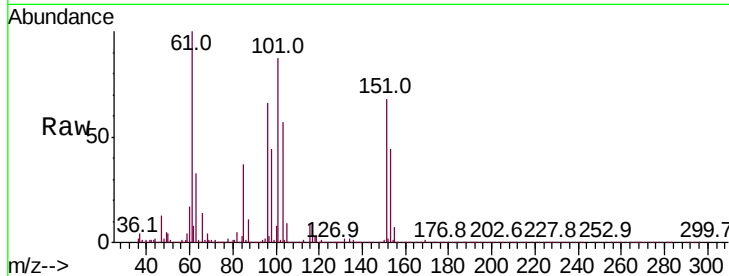
Tot Ion:101 Resp: 121565

Ion Ratio Lower Upper

101 100

85 41.5 33.9 50.9

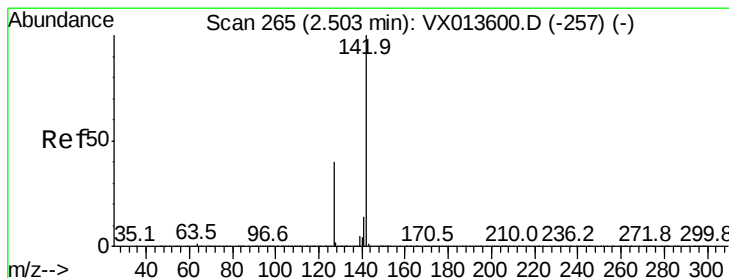
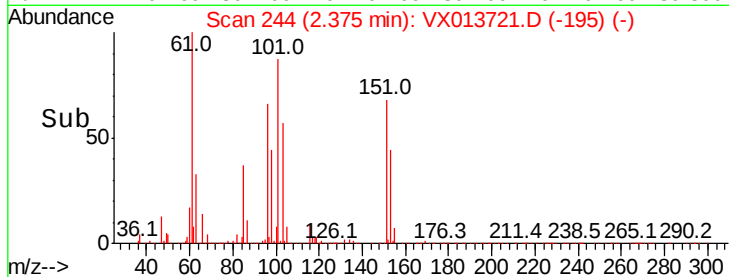
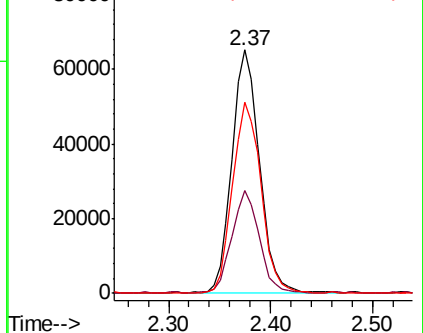
151 80.8 64.2 96.2



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: 15.553 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

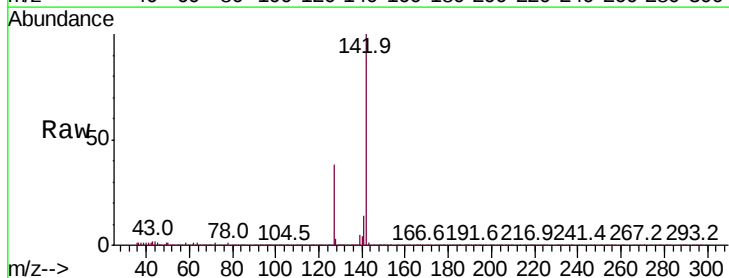
Tgt Ion:142 Resp: 117886

Ion Ratio Lower Upper

142 100

127 39.8 31.0 46.4

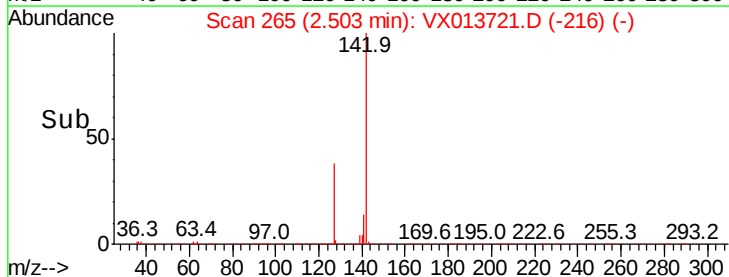
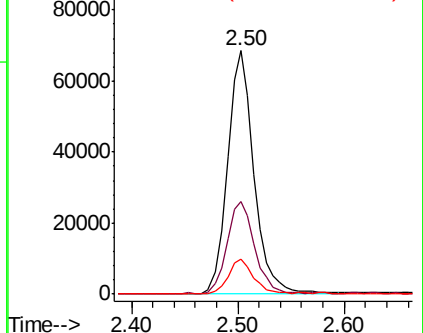
141 14.1 11.6 17.4

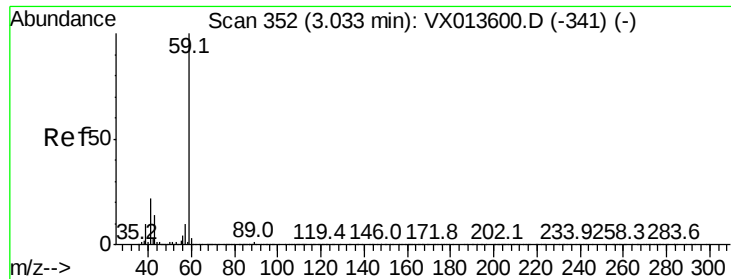


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

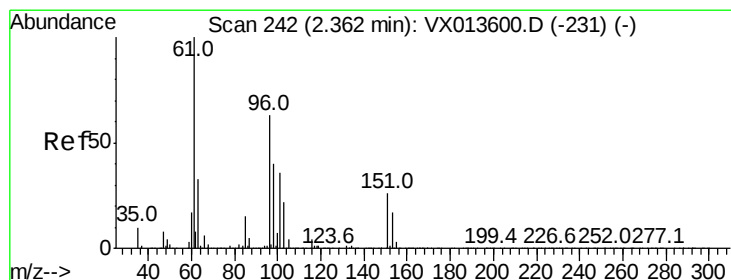
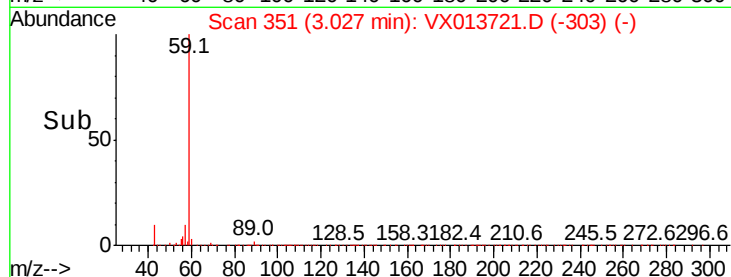
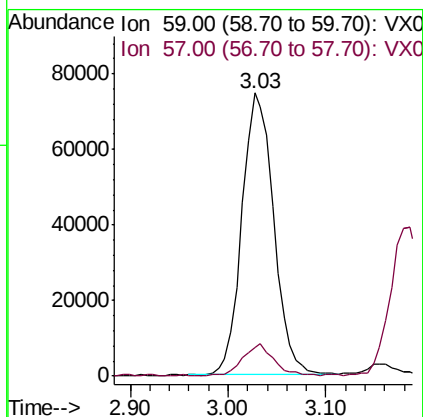
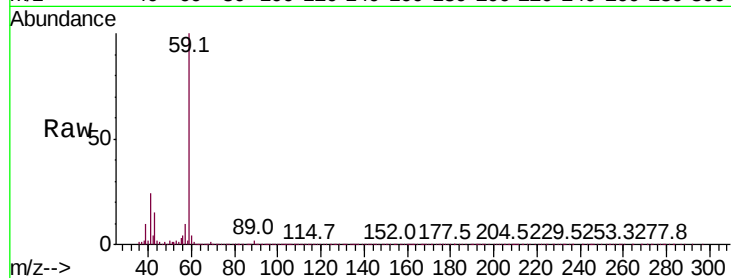




#11
Tert butyl alcohol
Concen: 89.792 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

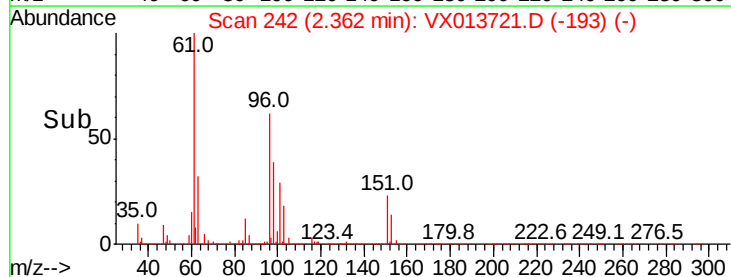
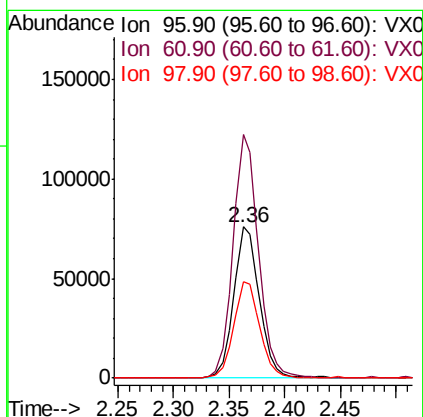
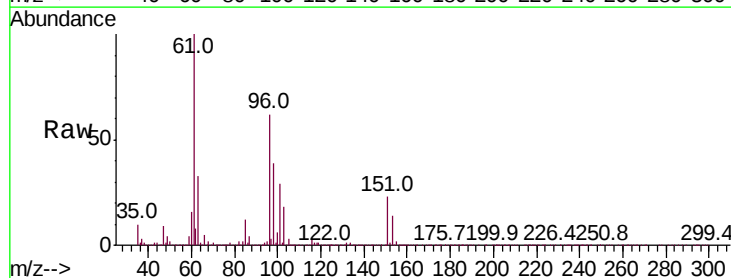
Instrument :
MSVOA_X
ClientSampled :

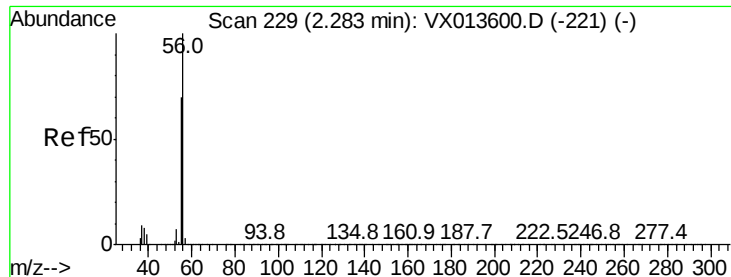
Tot Ion: 59 Resp: 169073
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.6



#12
1,1-Dichloroethene
Concen: 19.232 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 96 Resp: 120283
Ion Ratio Lower Upper
96 100
61 161.0 126.6 190.0
98 63.2 50.6 76.0

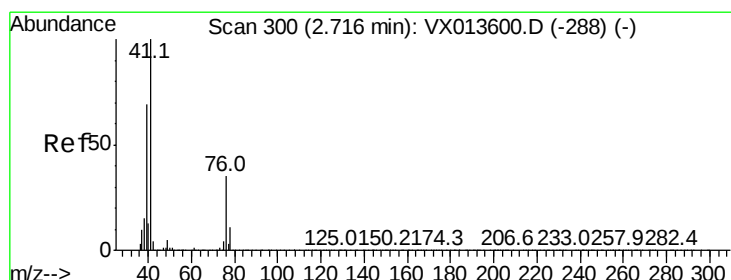
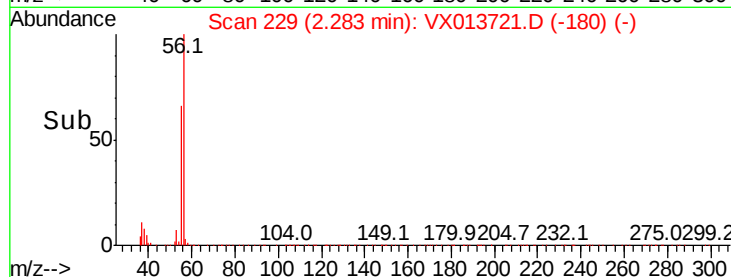
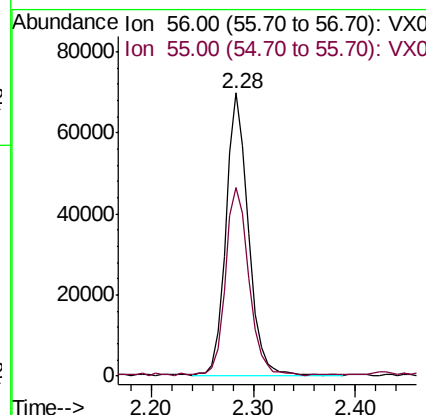
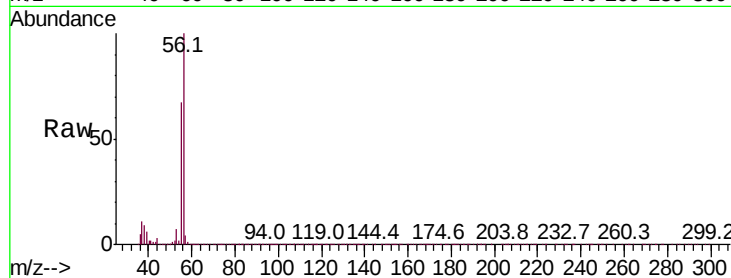




#13
Acrolein
Concen: 88.165 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

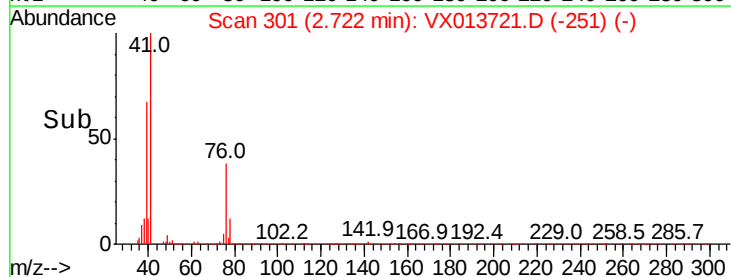
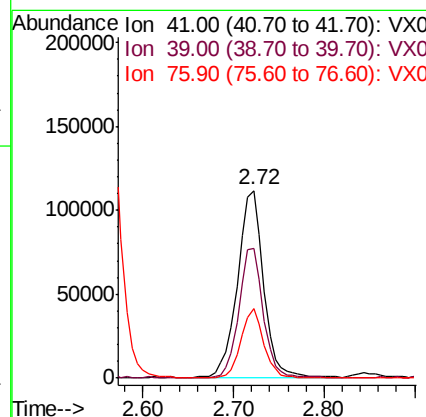
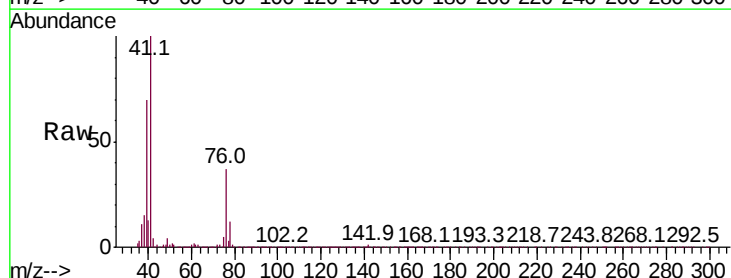
Instrument :
MSVOA_X
ClientSampleId :

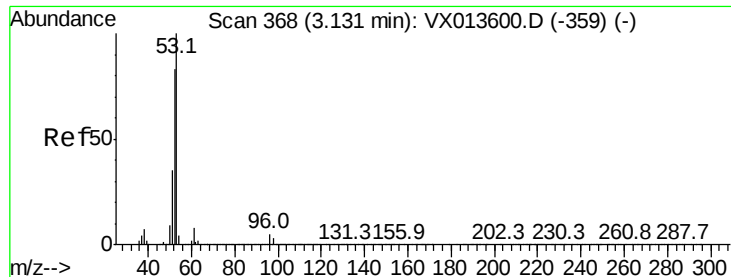
Tot Ion: 56 Resp: 106008
Ion Ratio Lower Upper
56 100
55 70.8 56.2 84.4



#14
Allyl chloride
Concen: 19.623 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 41 Resp: 222716
Ion Ratio Lower Upper
41 100
39 65.5 51.7 77.5
76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 100.525 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

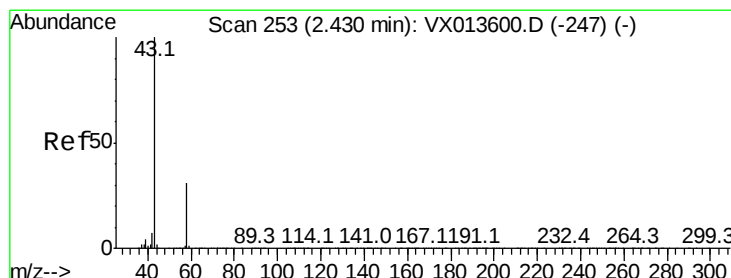
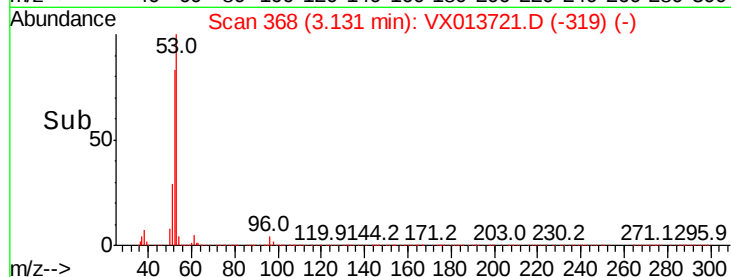
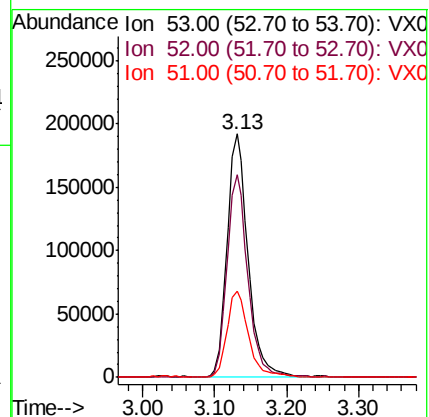
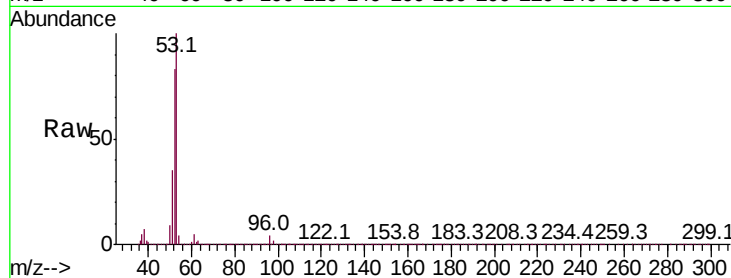
Tot Ion: 53 Resp: 390712

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 35.8 29.0 43.6



#16

Acetone

Concen: 110.448 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013721.D

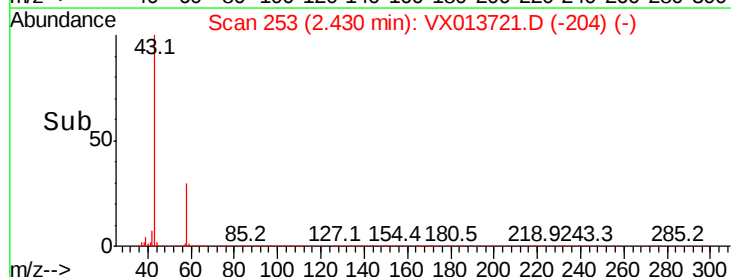
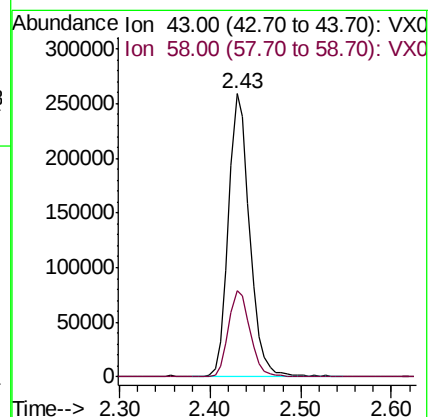
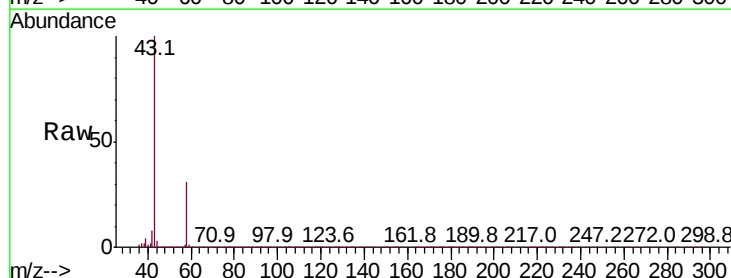
Acq: 03 Dec 2019 13:46

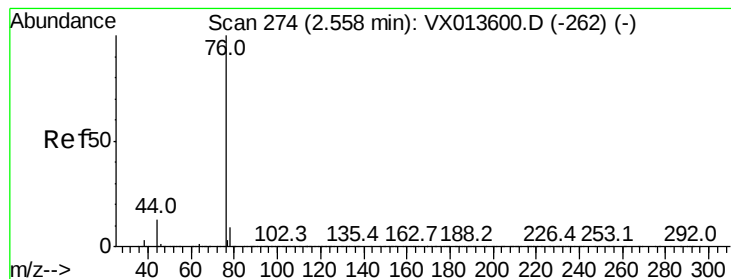
Tgt Ion: 43 Resp: 415975

Ion Ratio Lower Upper

43 100

58 30.5 24.6 36.8





#17

Carbon Disulfide

Concen: 17.786 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

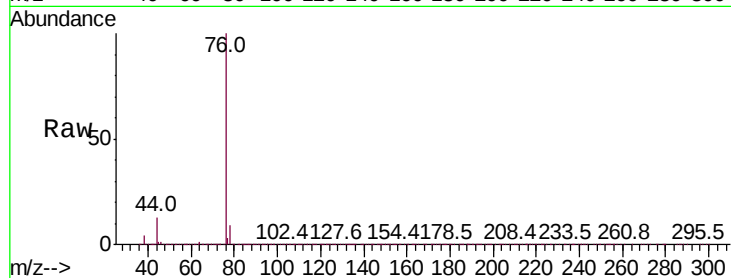
ClientSampleId :

Tot Ion: 76 Resp: 317106

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

150000

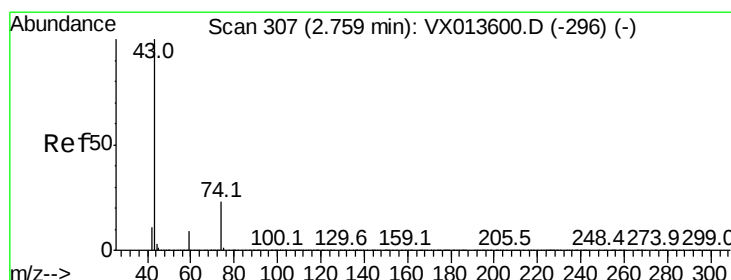
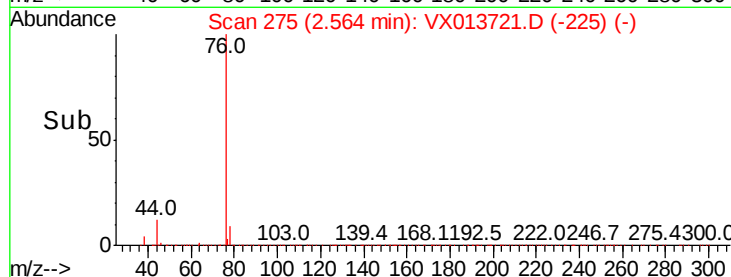
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 21.389 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013721.D

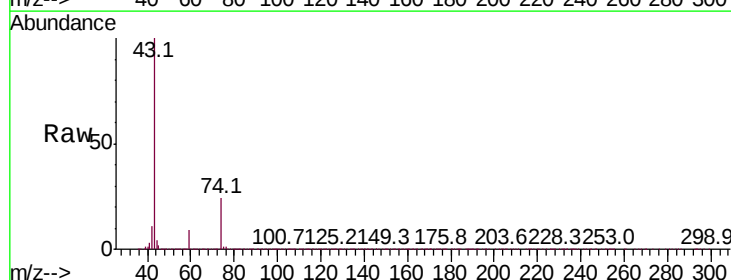
Acq: 03 Dec 2019 13:46

Tgt Ion: 43 Resp: 224319

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

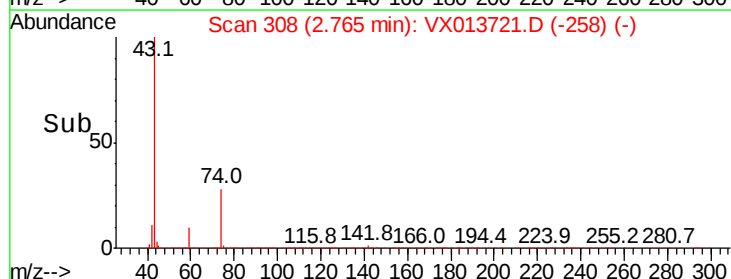
100000

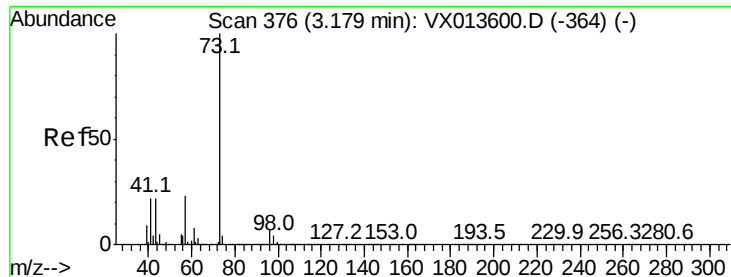
50000

0

Time-->

2.65 2.70 2.75 2.80 2.85

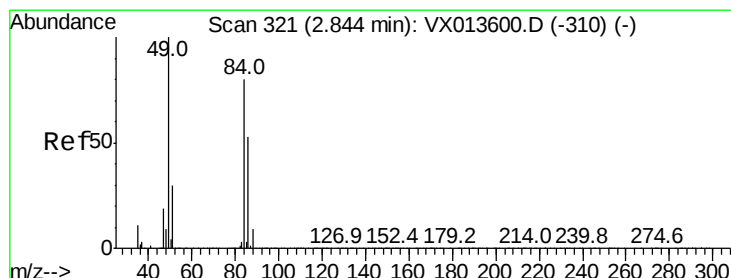
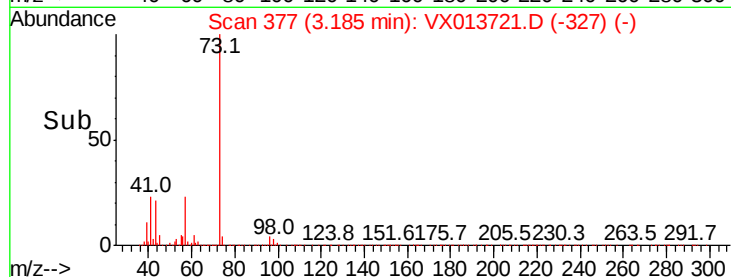
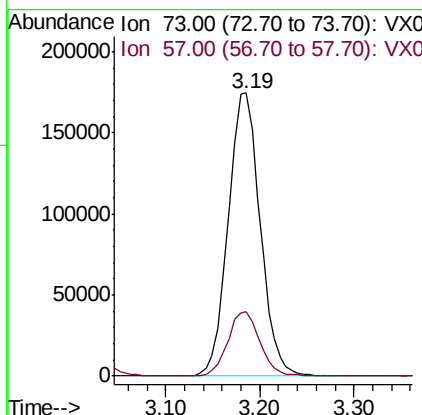
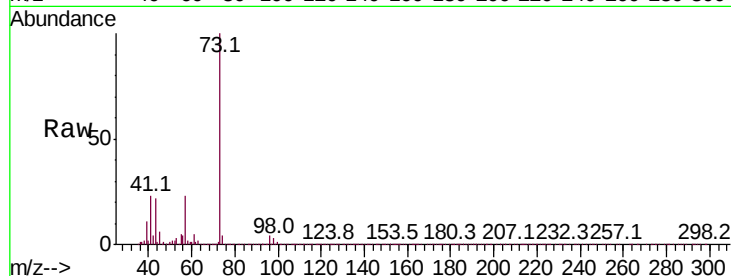




#19
Methvl tert-butvl Ether
Concen: 19.875 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

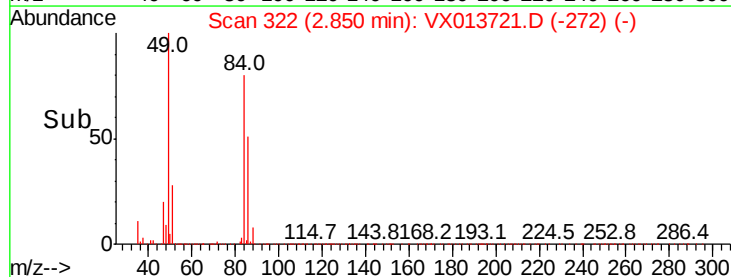
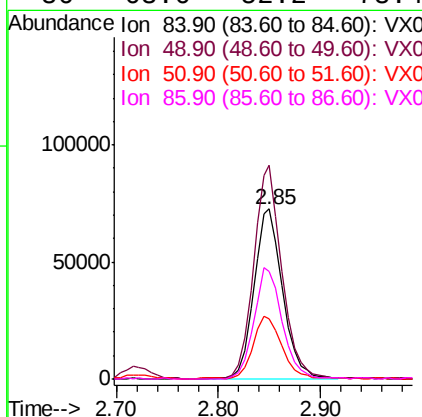
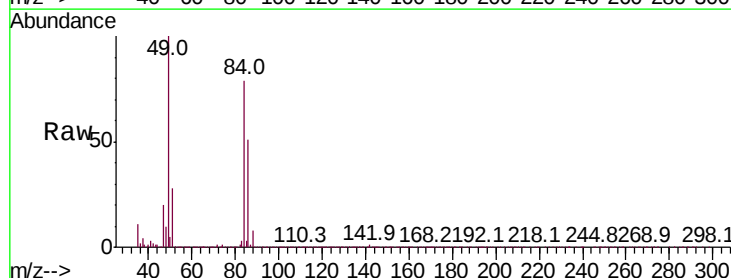
Instrument :
MSVOA_X
ClientSampleId :

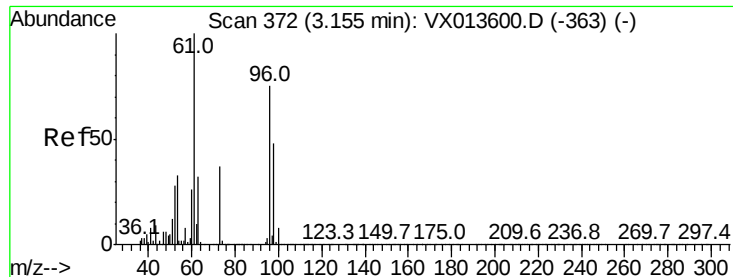
Tot Ion: 73 Resp: 411781
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 19.464 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 84 Resp: 140836
Ion Ratio Lower Upper
84 100
49 125.6 99.7 149.5
51 35.4 29.9 44.9
86 63.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.119 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

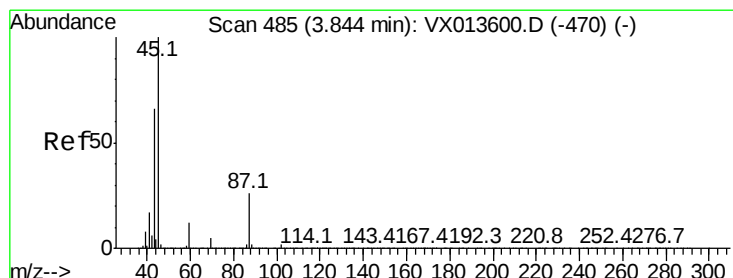
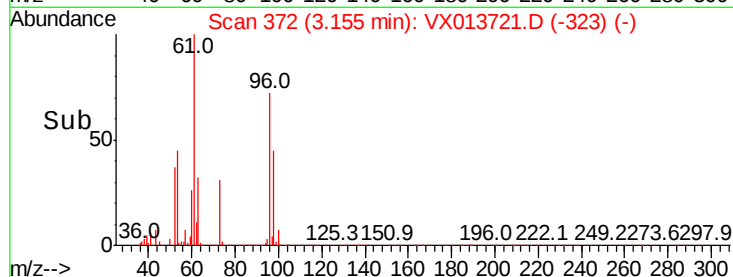
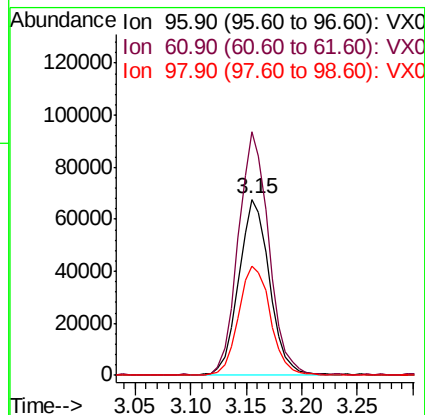
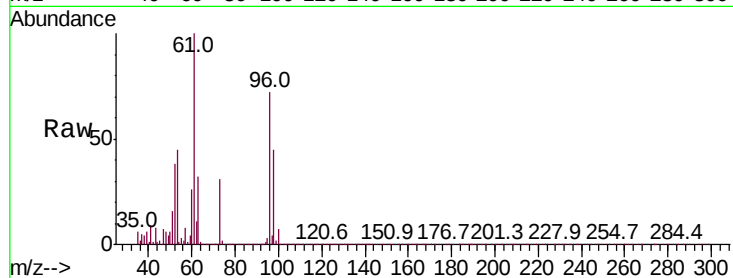
Tot Ion: 96 Resp: 130261

Ion Ratio Lower Upper

96 100

61 137.7 107.2 160.8

98 62.2 51.4 77.0



#22

Diisopropyl ether

Concen: 20.444 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion: 45 Resp: 446805

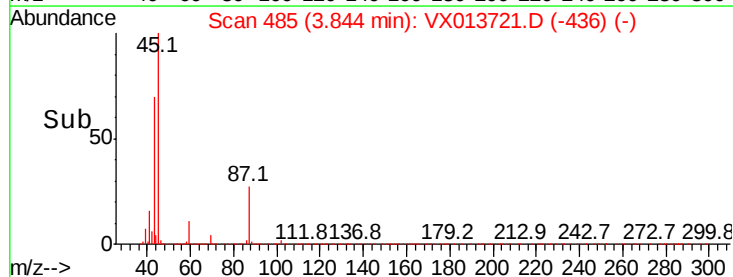
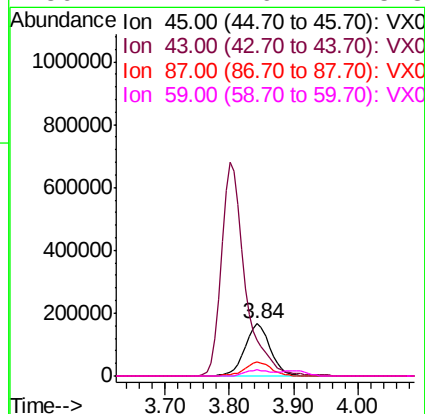
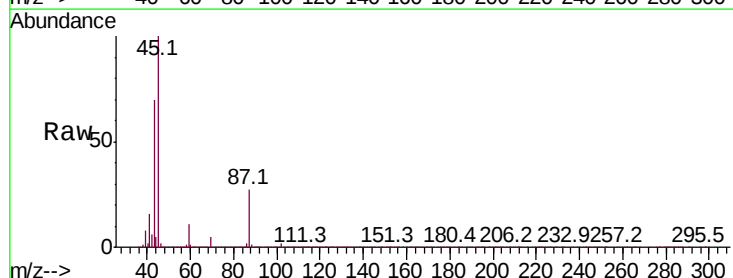
Ion Ratio Lower Upper

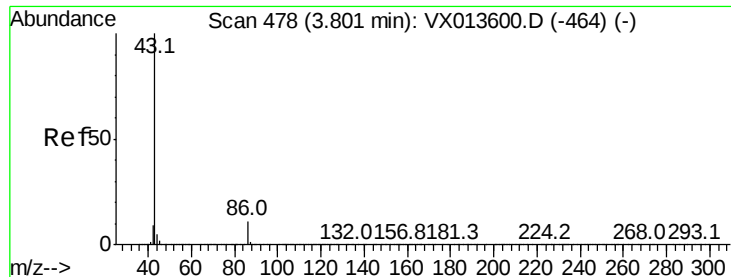
45 100

43 69.7 52.6 79.0

87 27.0 21.1 31.7

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 97.243 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

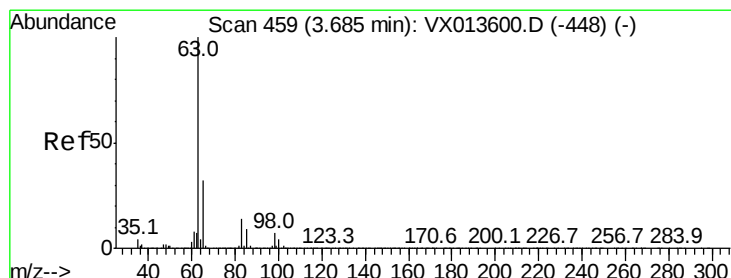
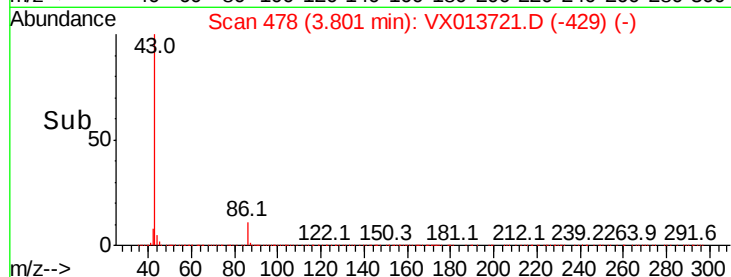
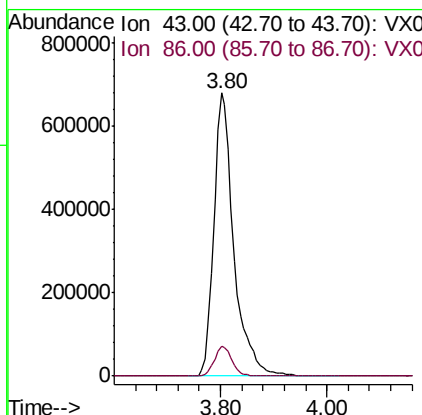
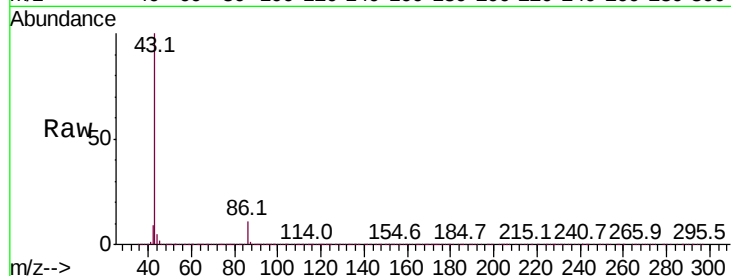
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1767955

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.997 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

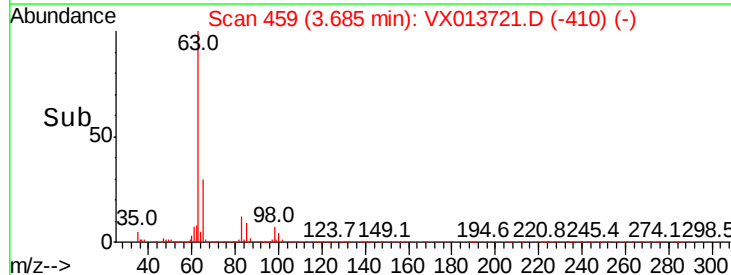
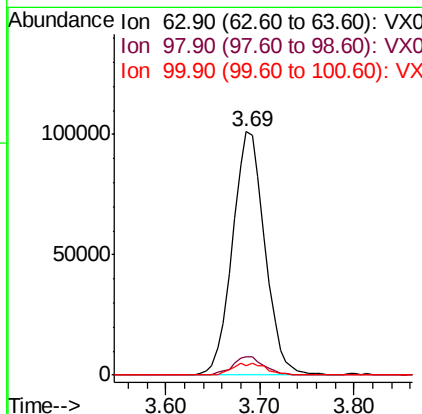
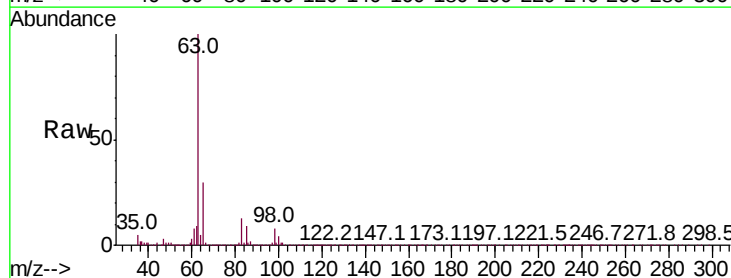
Tgt Ion: 63 Resp: 238903

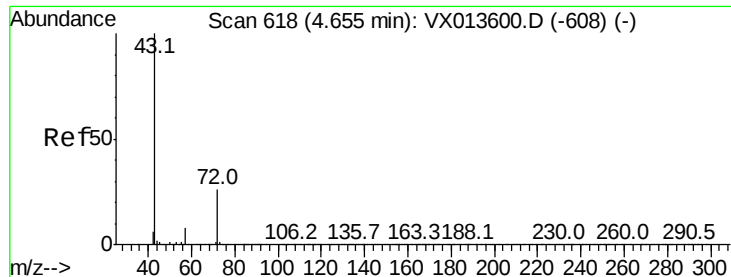
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 103.517 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

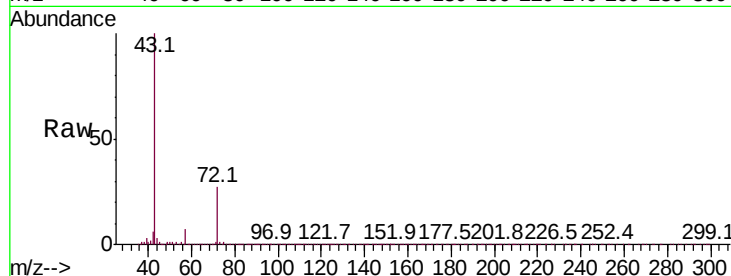
ClientSampled :

Tot Ion: 43 Resp: 579422

Ion Ratio Lower Upper

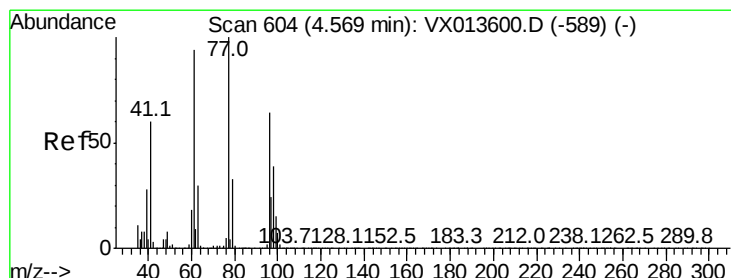
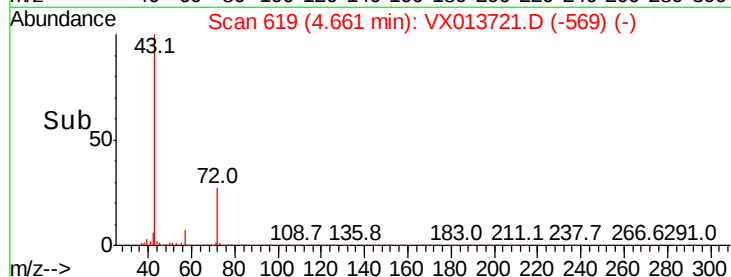
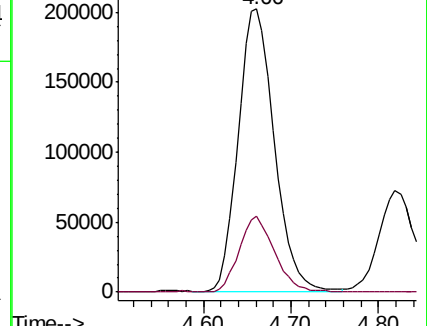
43 100

72 26.6 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: 19.528 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013721.D

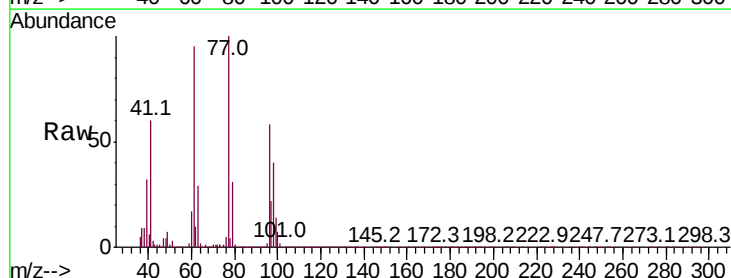
Acq: 03 Dec 2019 13:46

Tgt Ion: 77 Resp: 193025

Ion Ratio Lower Upper

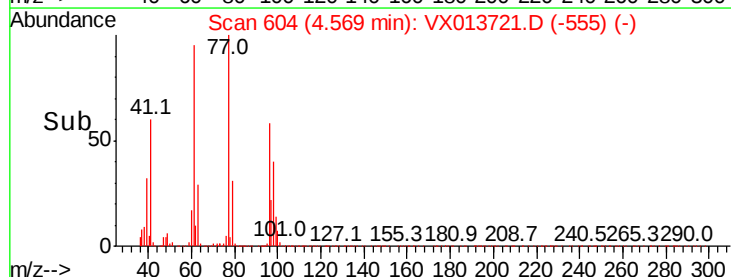
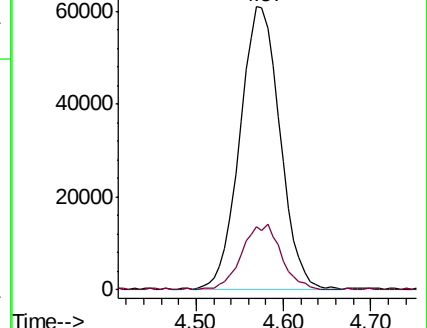
77 100

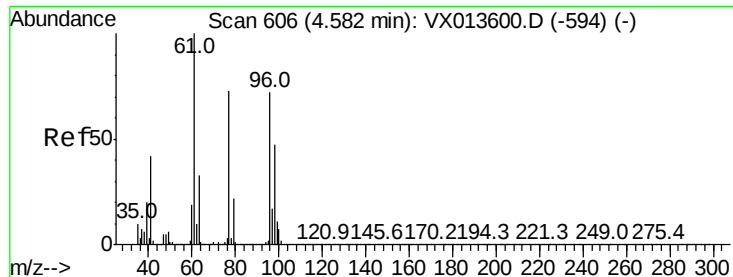
97 22.5 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



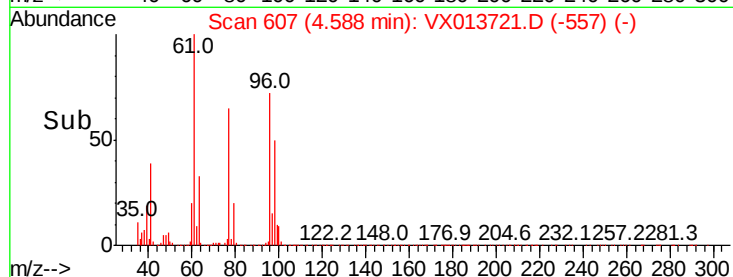
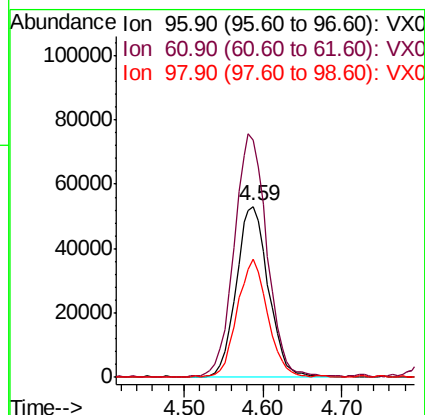
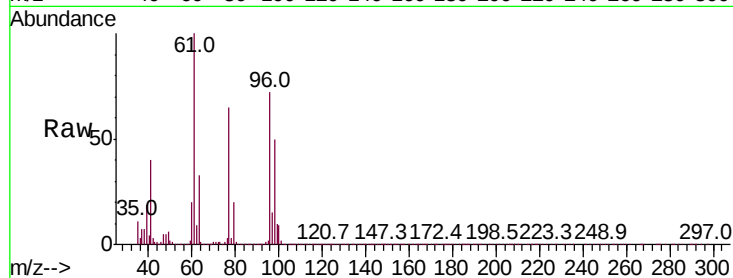


#27

cis-1,2-Dichloroethene
Concen: 19.068 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

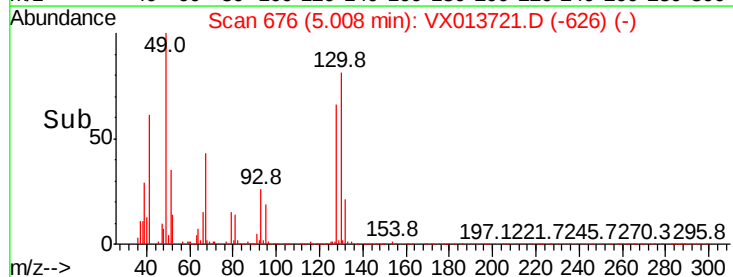
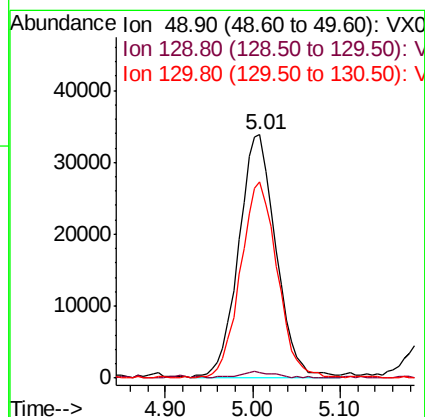
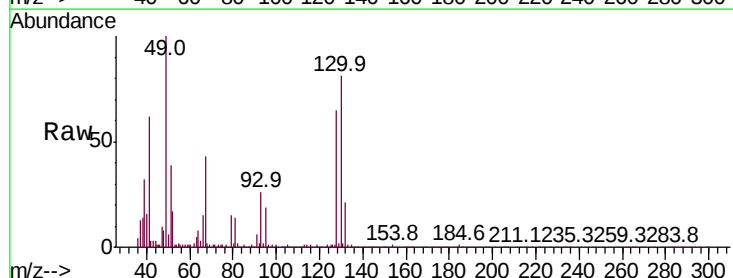
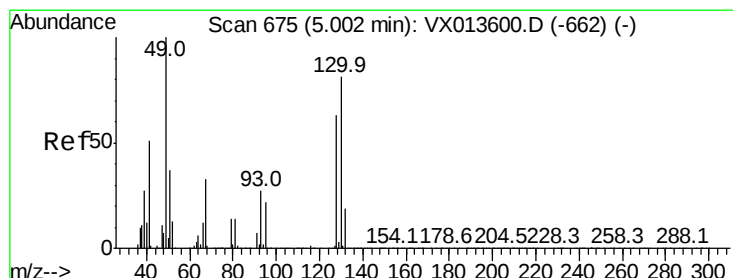
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	286.4
98	66.8	0.0	127.4

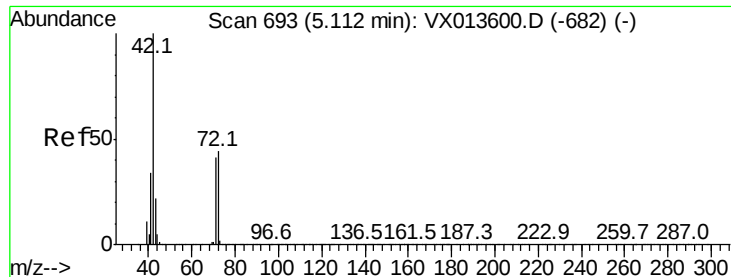


#28

Bromochloromethane
Concen: 21.392 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	78.6	65.4	98.0





#29

Tetrahydrofuran

Concen: 101.971 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

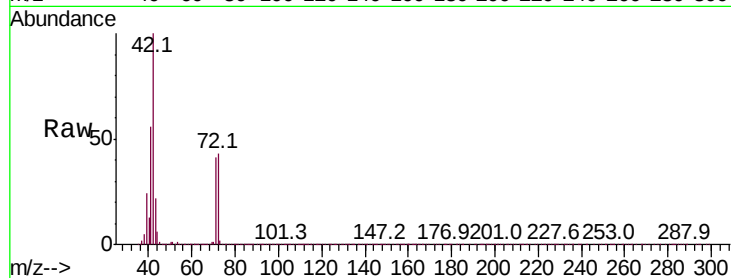
Tot Ion: 42 Resp: 351861

Ion Ratio Lower Upper

42 100

72 45.6 36.3 54.5

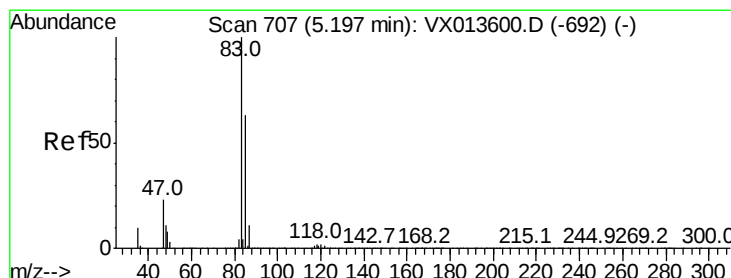
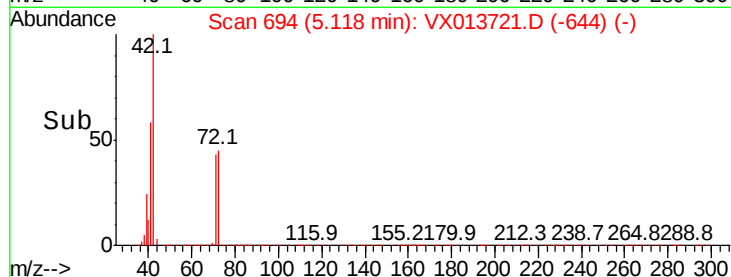
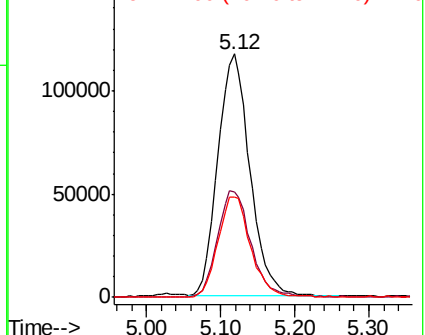
71 41.7 33.2 49.8



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: 19.025 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013721.D

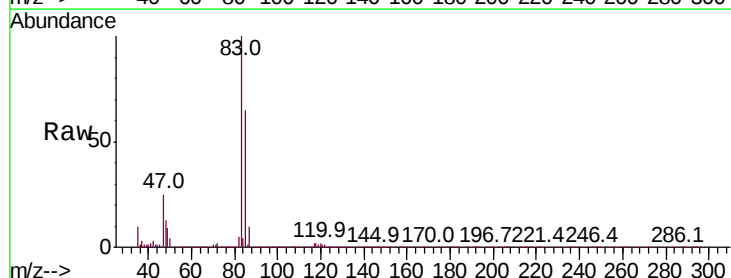
Acq: 03 Dec 2019 13:46

Tgt Ion: 83 Resp: 230517

Ion Ratio Lower Upper

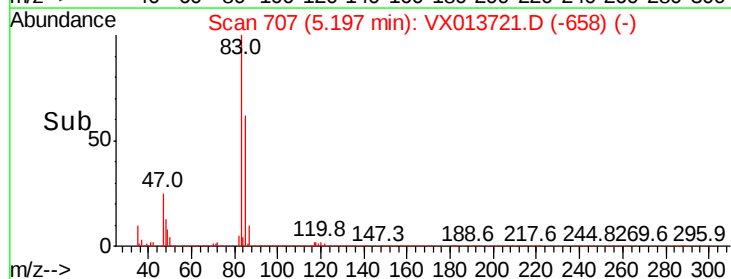
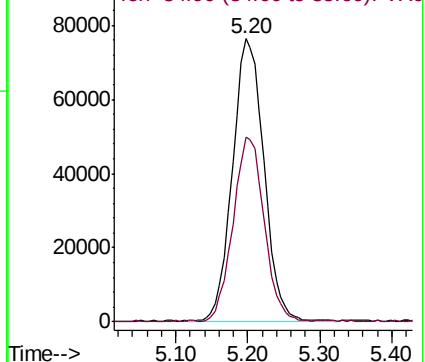
83 100

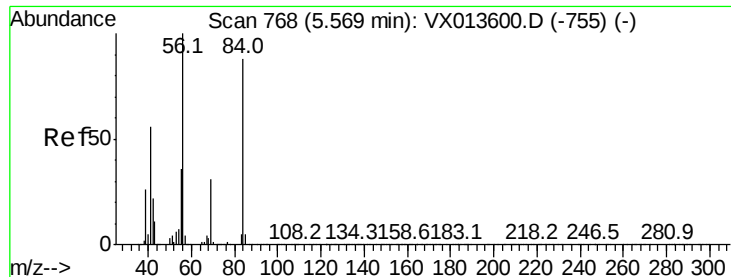
85 64.9 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

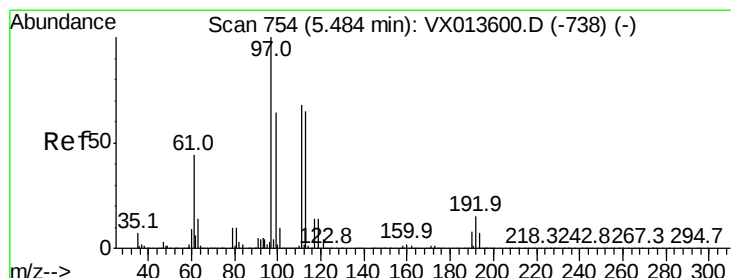
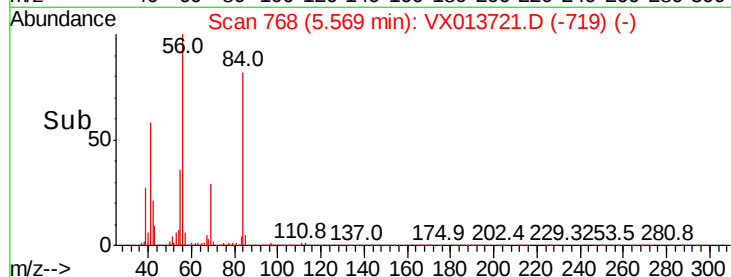
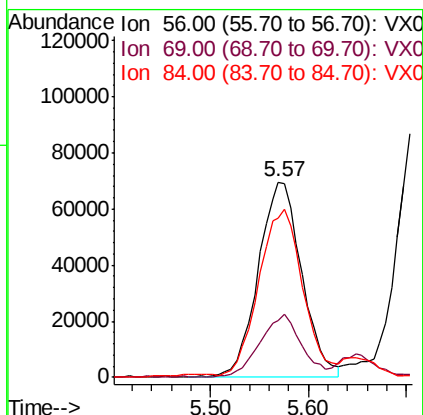
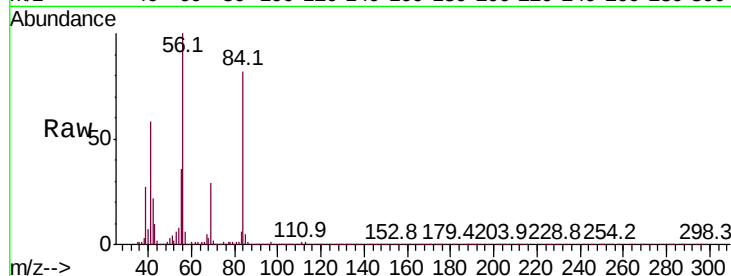




#31
Cyclohexane
Concen: 19.109 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

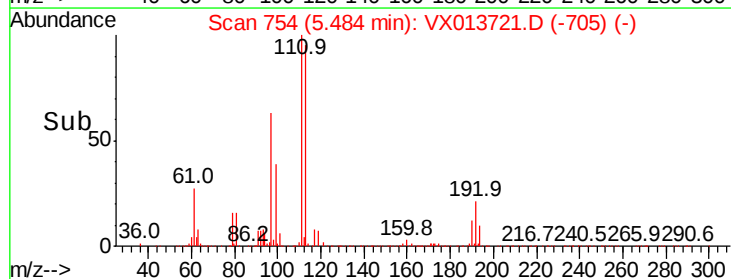
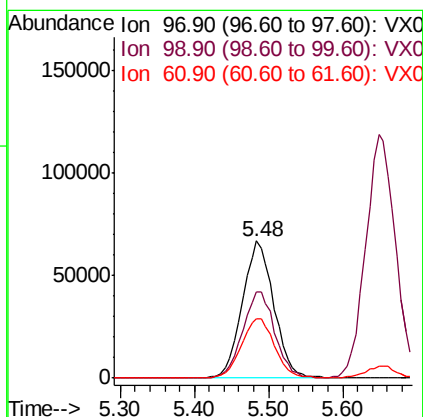
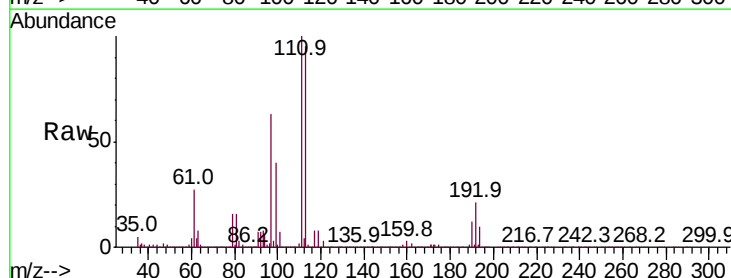
Instrument :
MSVOA_X
ClientSampleId :

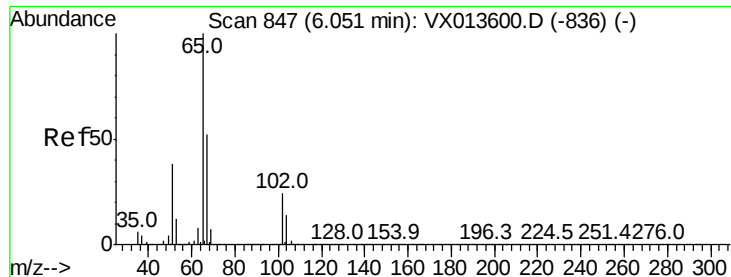
Tot Ion: 56 Resp: 215326
Ion Ratio Lower Upper
56 100
69 28.9 24.6 36.8
84 80.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.556 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 97 Resp: 198005
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 45.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.199 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

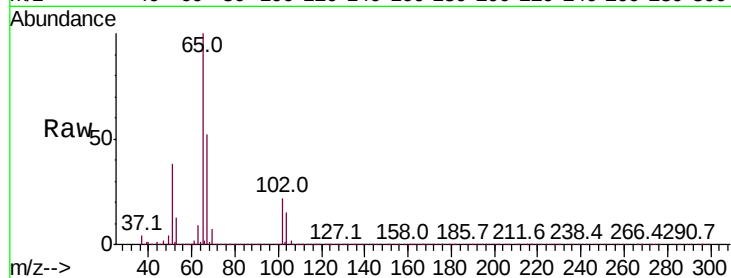
ClientSampleId :

Tot Ion: 65 Resp: 360052

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

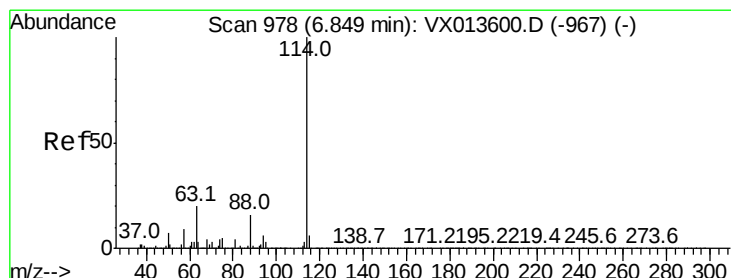
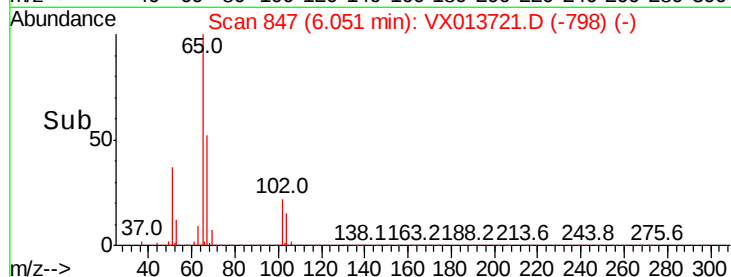
100000

50000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

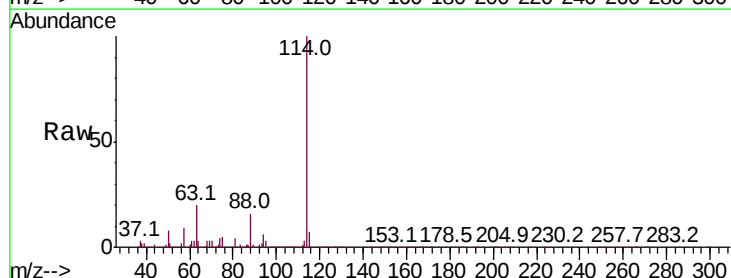
Tgt Ion: 114 Resp: 1012588

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

300000

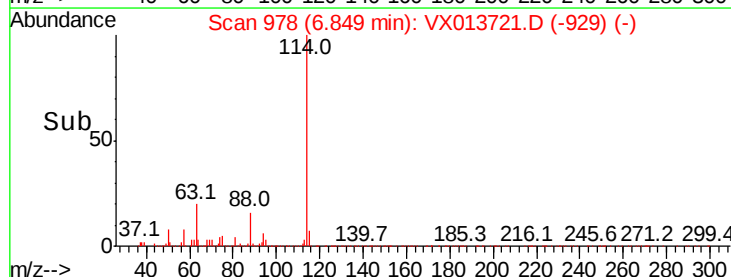
200000

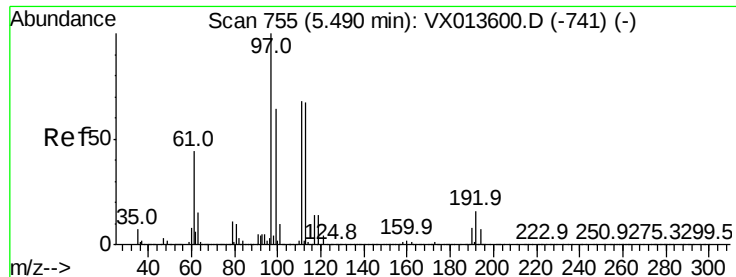
100000

0

6.70 6.80 6.90 7.00

Time-->

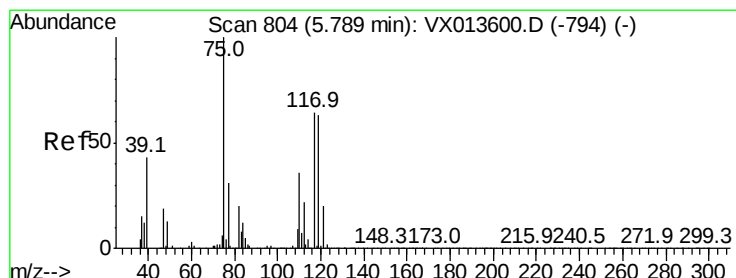
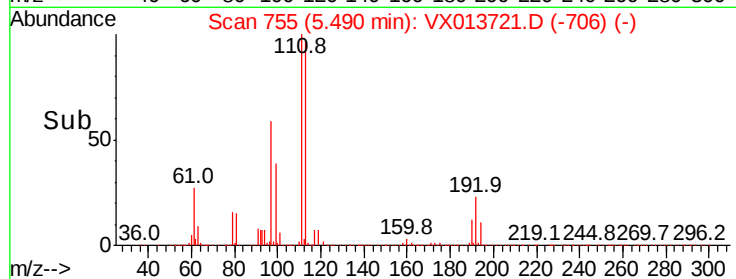
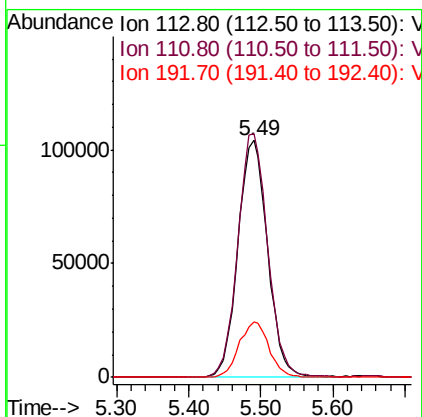
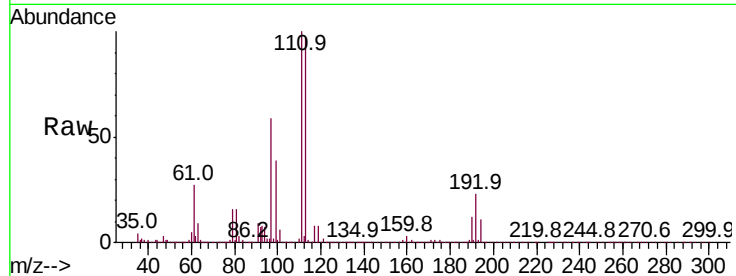




#35
Dibromofluoromethane
Concen: 47.402 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

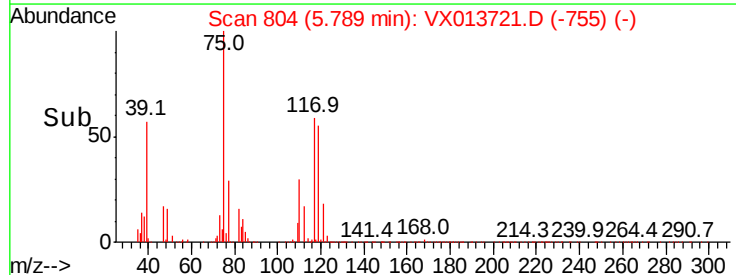
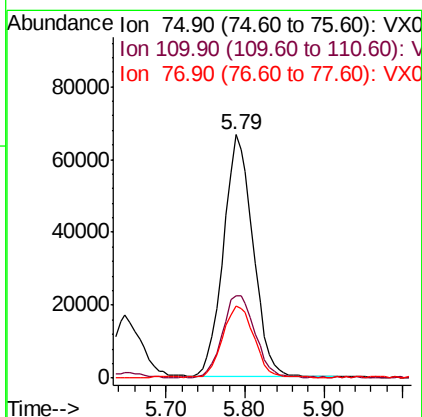
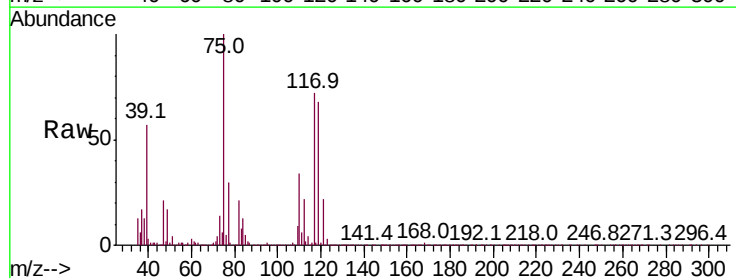
Instrument :
MSVOA_X
ClientSampleId :

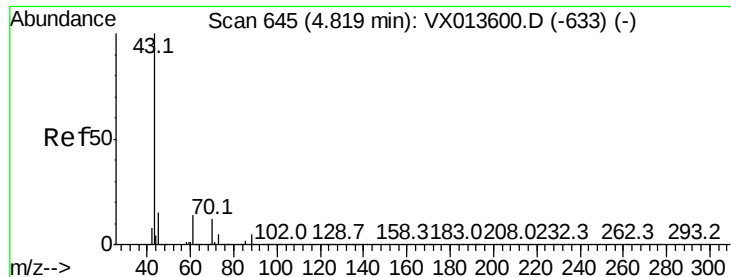
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.6	125.4
192	23.7	19.2	28.8



#36
1,1-Dichloropropene
Concen: 18.897 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.1
77	30.6	24.5	36.7

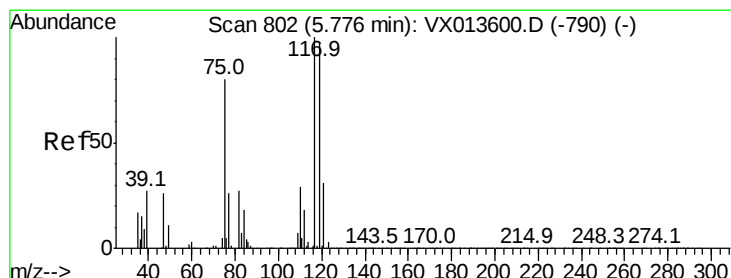
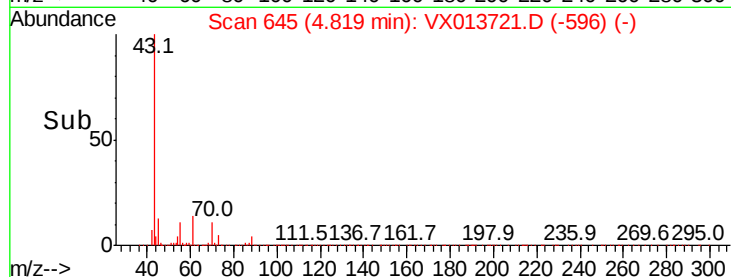
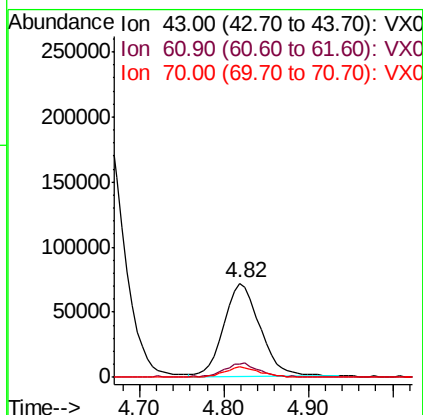
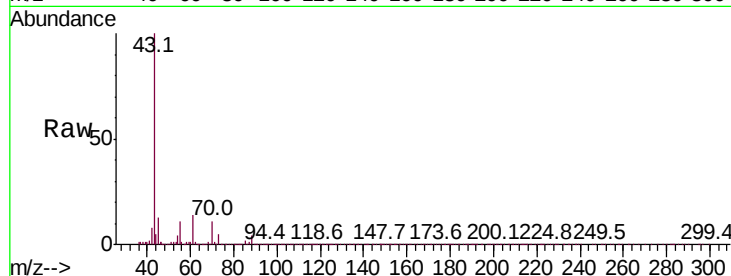




#37
Ethyl Acetate
Concen: 20.276 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

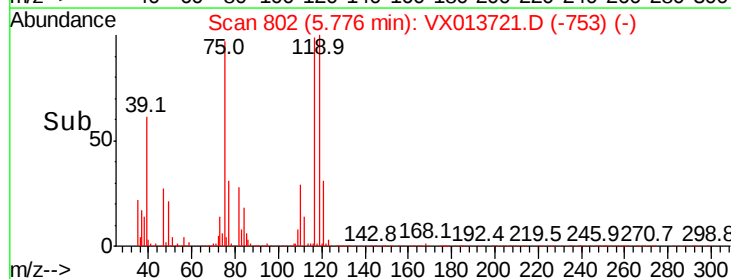
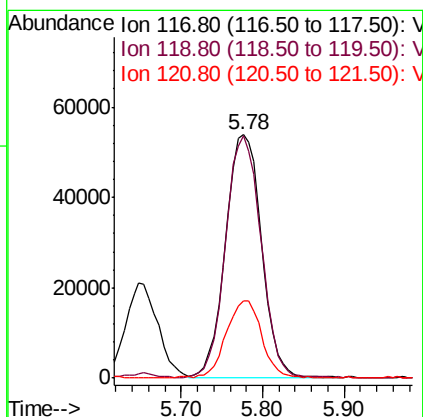
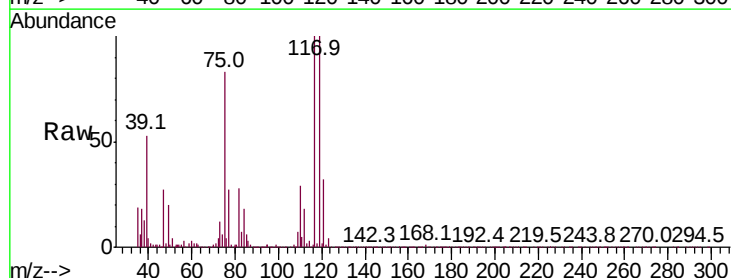
Instrument :
MSVOA_X
ClientSampled :

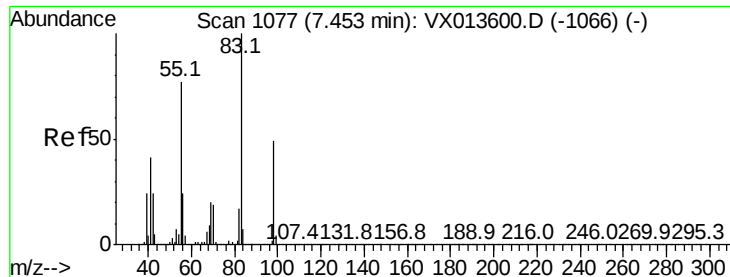
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.4
70	10.4	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.324 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.5	116.3
121	31.2	25.0	37.6





#39

Methvlcvclohexane

Concen: 18.550 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

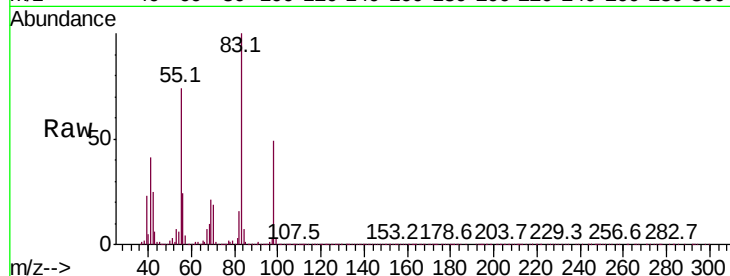
Tot Ion: 83 Resp: 210767

Ion Ratio Lower Upper

83 100

55 73.8 61.9 92.9

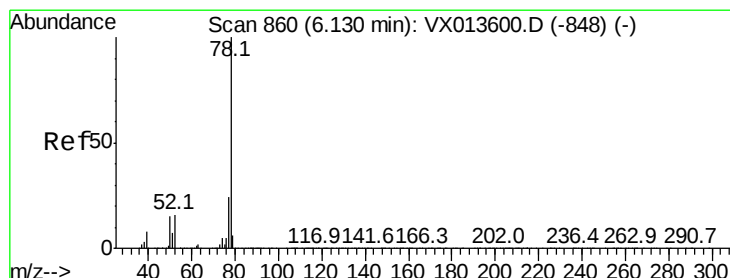
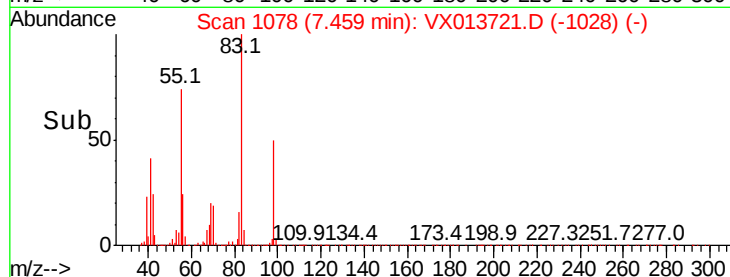
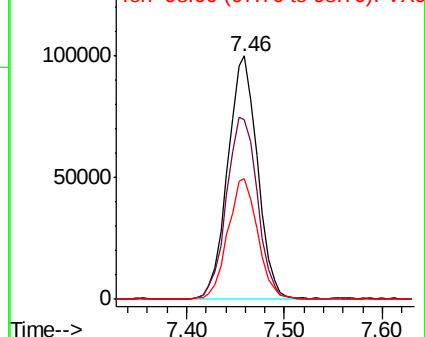
98 49.4 39.4 59.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.591 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013721.D

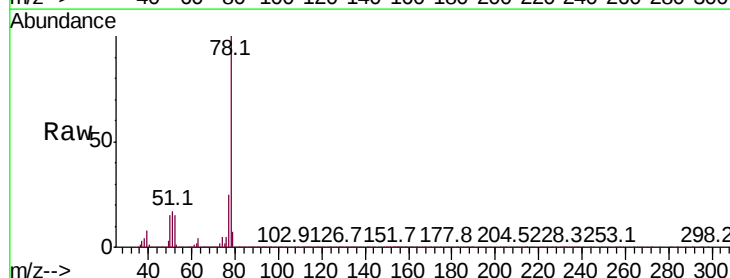
Acq: 03 Dec 2019 13:46

Tgt Ion: 78 Resp: 548449

Ion Ratio Lower Upper

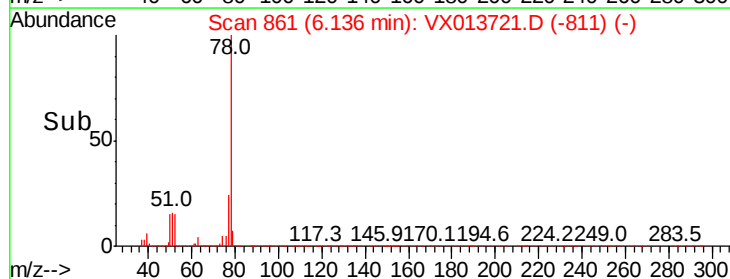
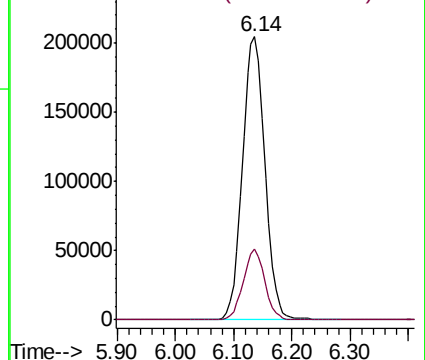
78 100

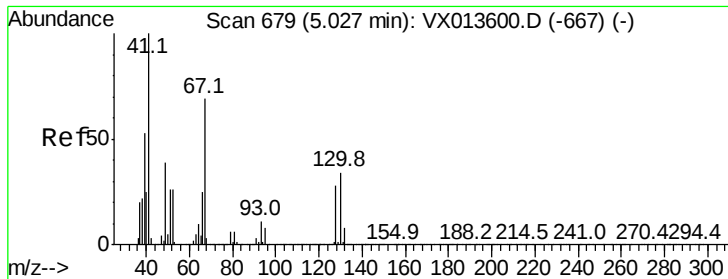
77 24.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

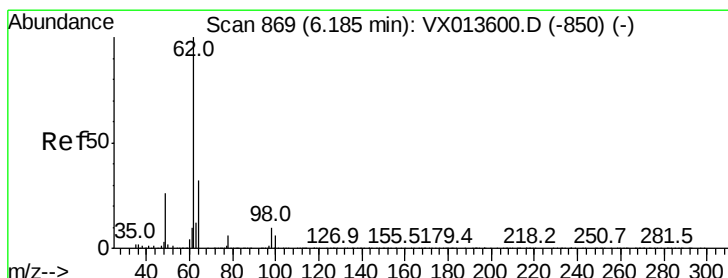
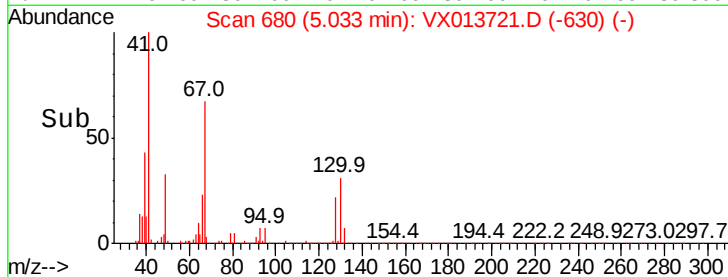
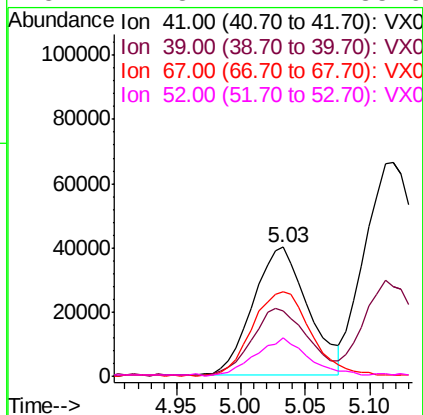
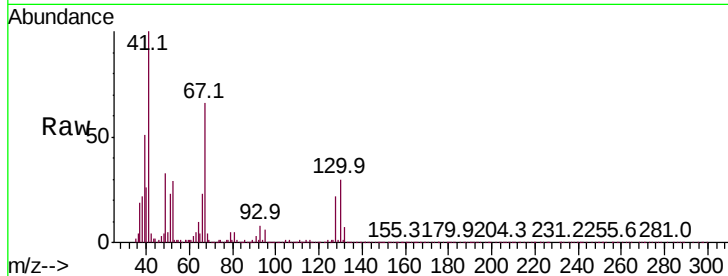




#41
Methacrylonitrile
Concen: 20.946 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

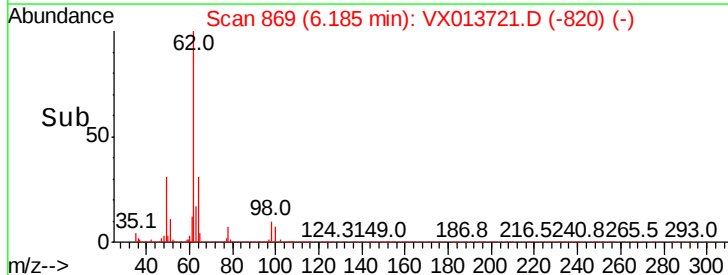
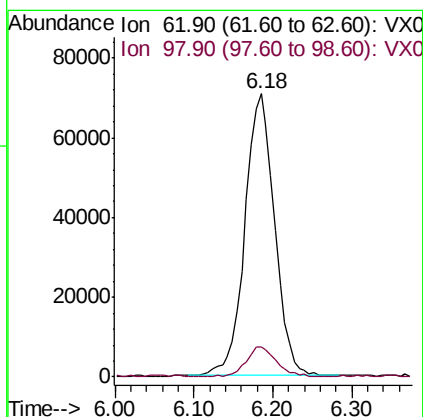
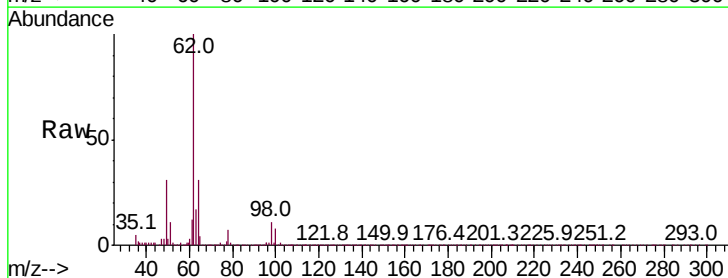
Instrument :
MSVOA_X
ClientSampleId :

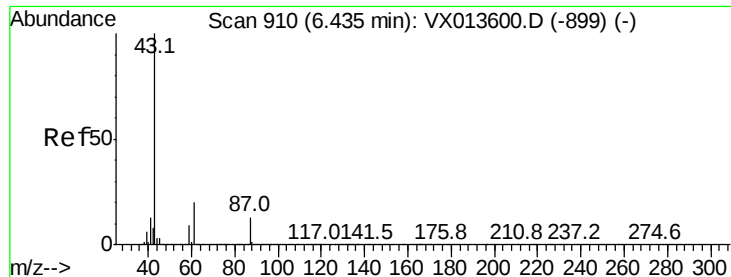
Tot Ion:	41	Resp:	118451
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.9	64.3
67	70.2	57.4	86.0
52	27.8	22.4	33.6



#42
1,2-Dichloroethane
Concen: 19.334 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion:	62	Resp:	184589
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.8



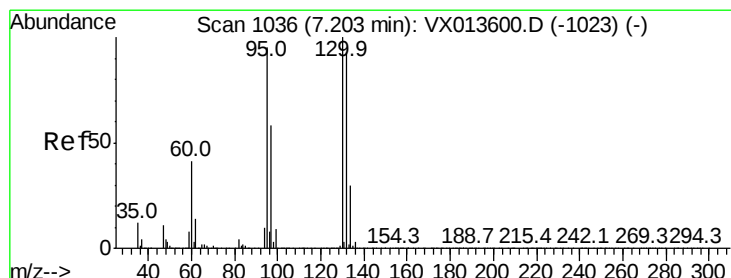
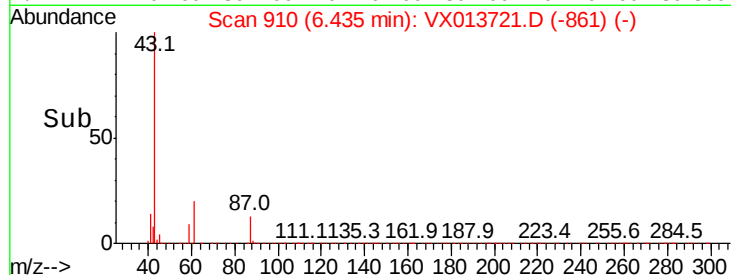
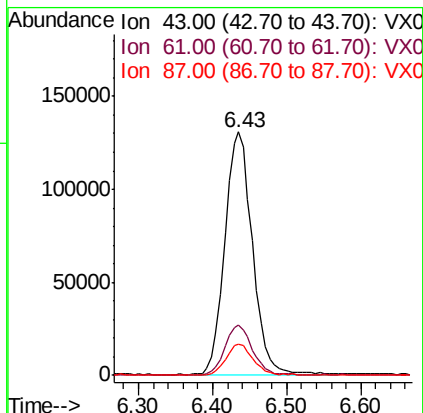
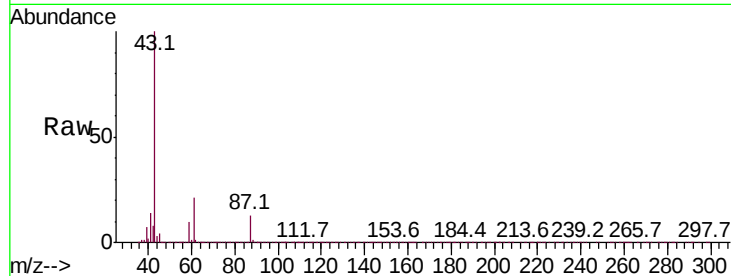


#43

Isopropyl Acetate
 Concen: 19.884 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :

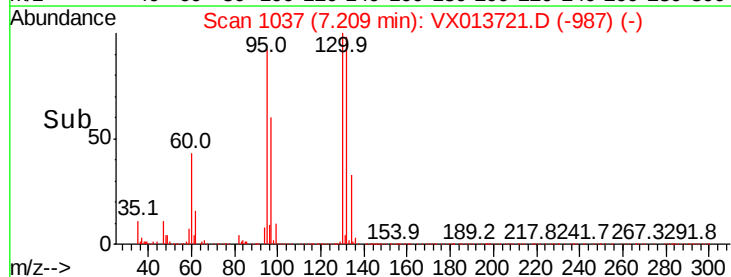
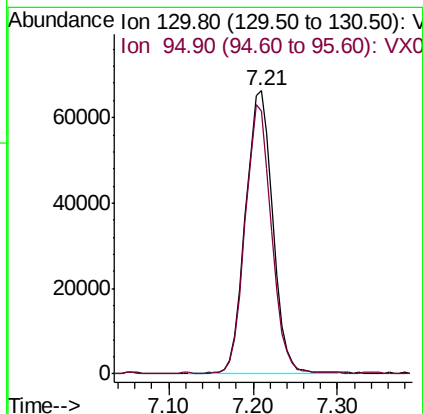
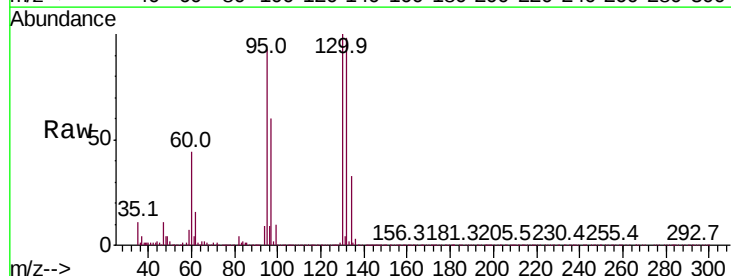
Tot Ion	43	Resp	337562
Ion Ratio	100	Lower	Upper
61	20.2	16.3	24.5
87	12.4	10.8	16.2

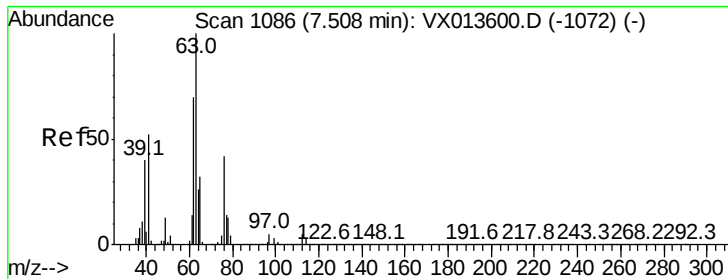


#44

Trichloroethene
 Concen: 18.860 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Tgt Ion	130	Resp	144902
Ion Ratio	100	Lower	Upper
95	92.5	0.0	190.8

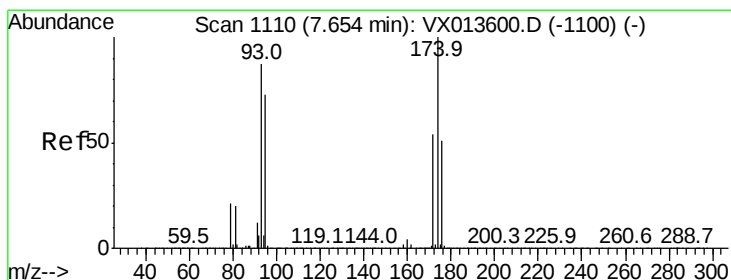
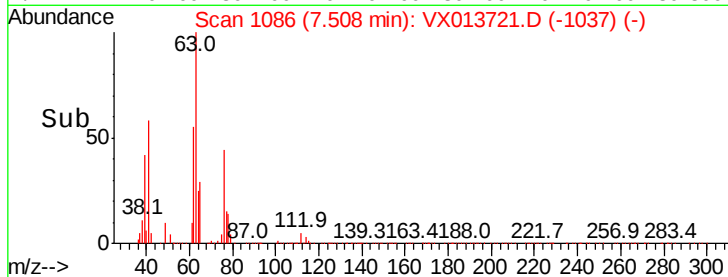
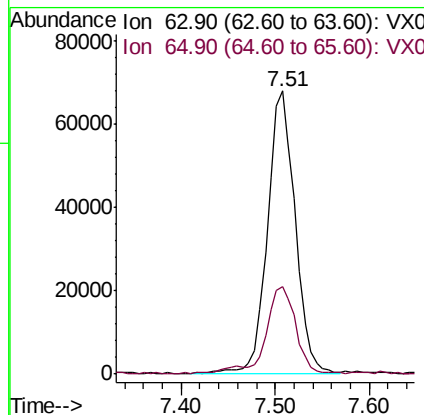
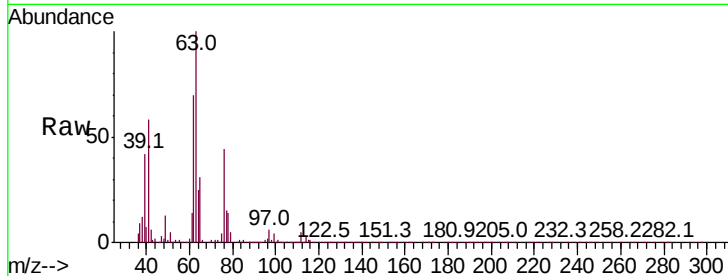




#45
 1,2-Dichloropropane
 Concen: 19.863 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

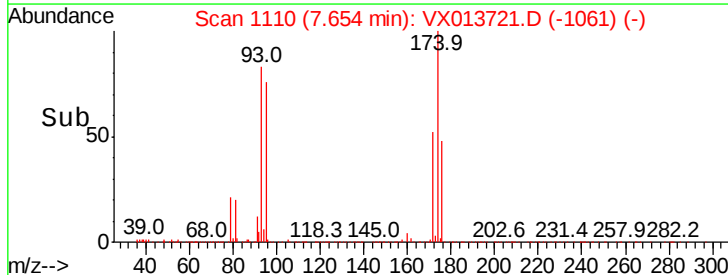
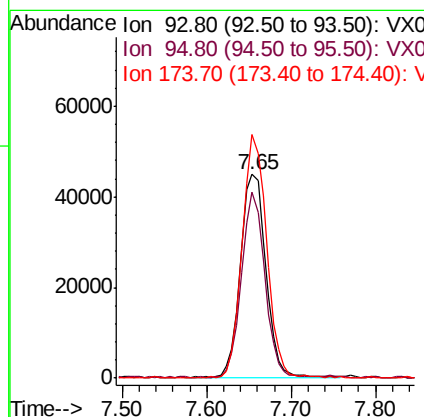
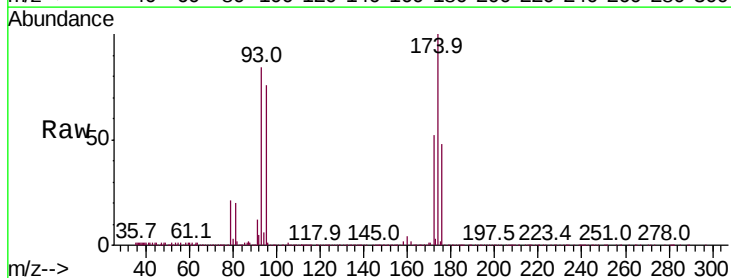
Instrument :
 MSVOA_X
 ClientSampleId :

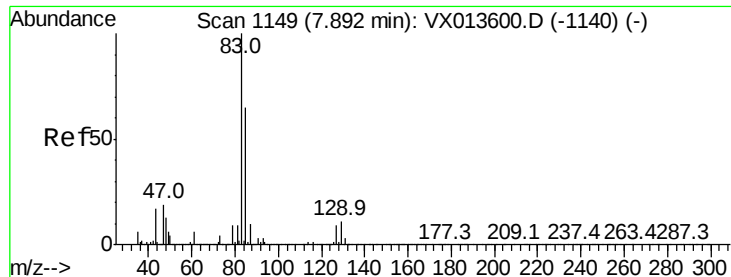
Tot Ion: 63 Resp: 139123
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.5 38.3



#46
 Dibromomethane
 Concen: 19.062 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Tgt Ion: 93 Resp: 90679
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.2
 174 116.1 93.4 140.0





#47

Bromodichloromethane

Concen: 19.766 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

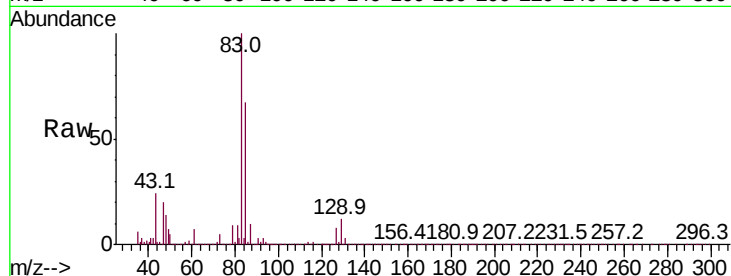
Tot Ion: 83 Resp: 177763

Ion Ratio Lower Upper

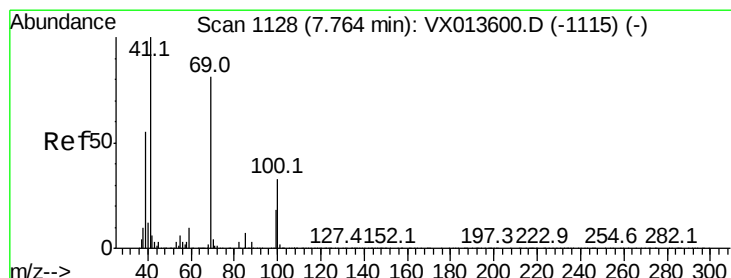
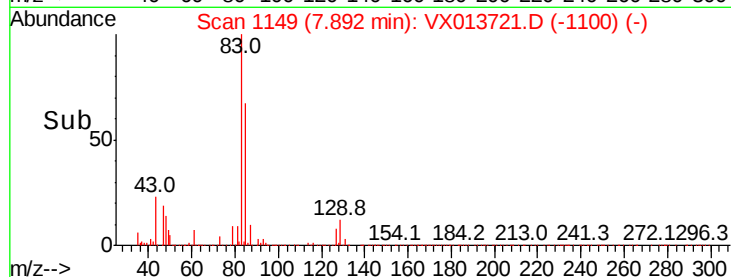
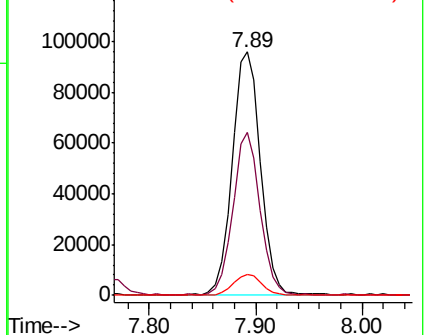
83 100

85 66.8 52.1 78.1

127 8.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.164 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

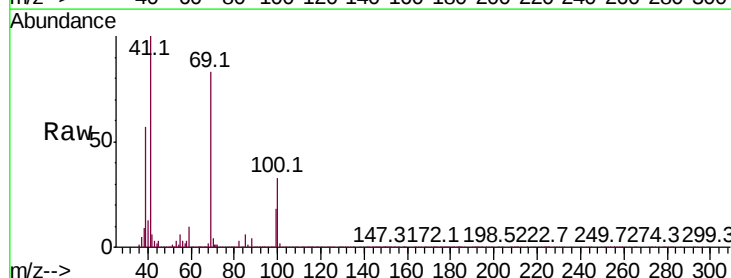
Tgt Ion: 41 Resp: 166320

Ion Ratio Lower Upper

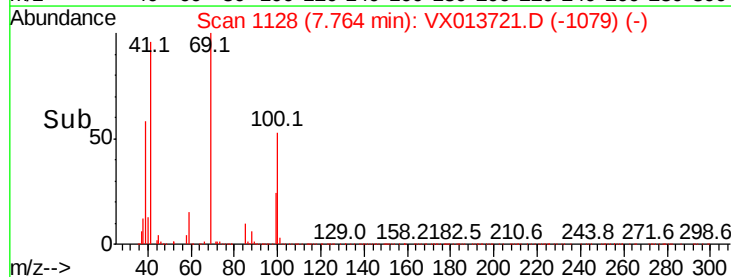
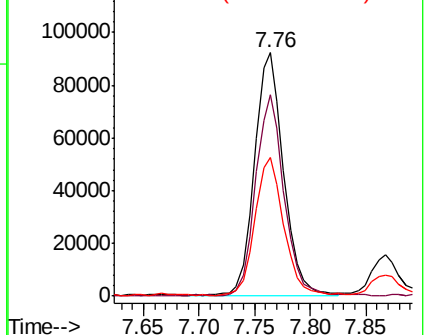
41 100

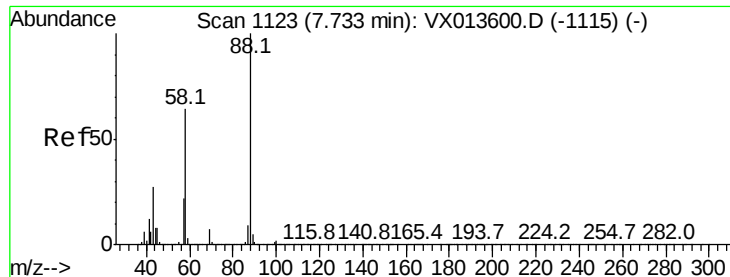
69 81.3 64.7 97.1

39 58.1 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: 381.592 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

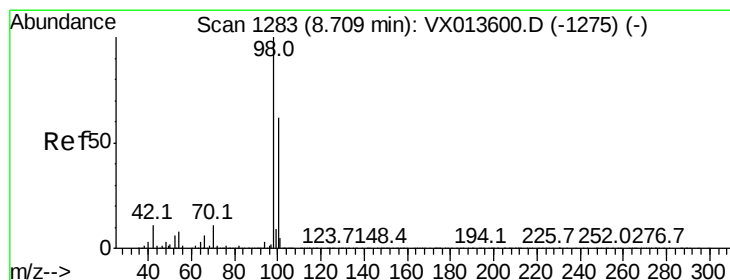
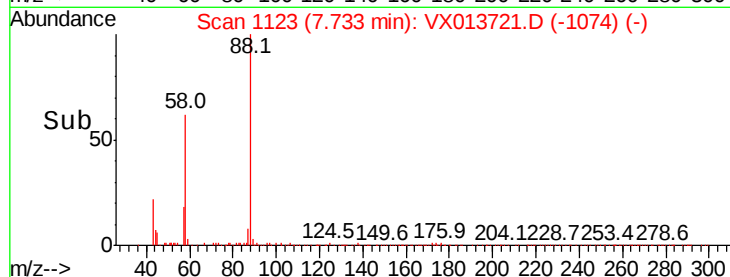
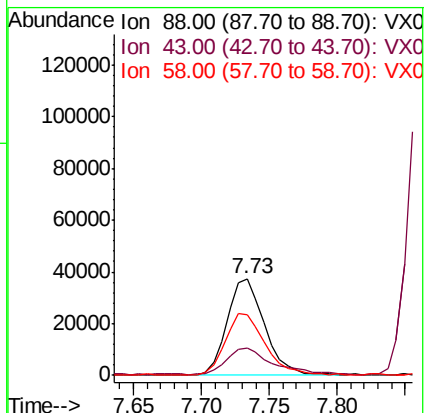
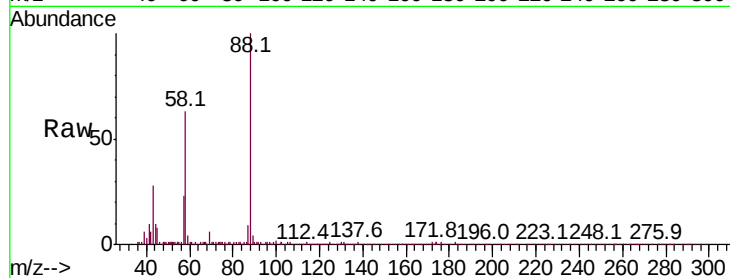
Tot Ion: 88 Resp: 70454

Ion Ratio Lower Upper

88 100

43 33.0 25.8 38.6

58 70.0 54.6 82.0



#50

Toluene-d8

Concen: 47.028 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013721.D

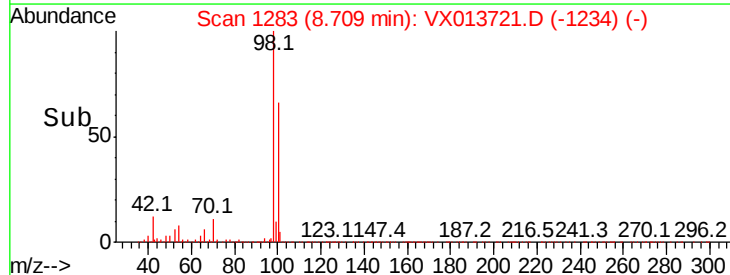
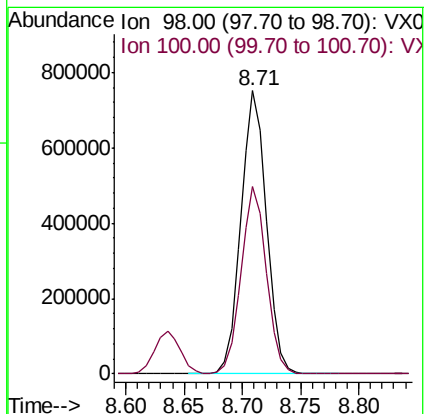
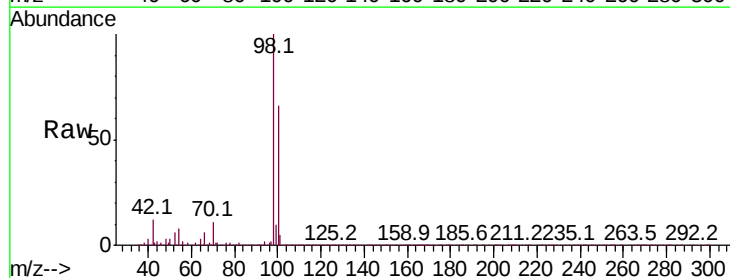
Acq: 03 Dec 2019 13:46

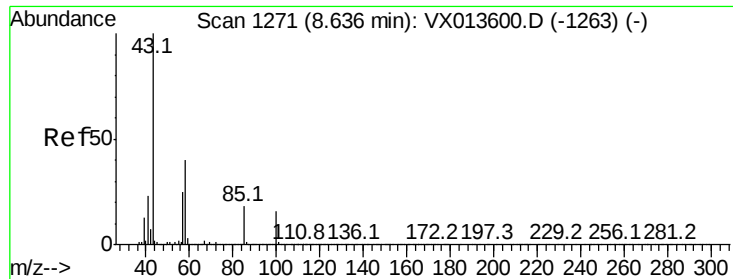
Tgt Ion: 98 Resp: 1146987

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7

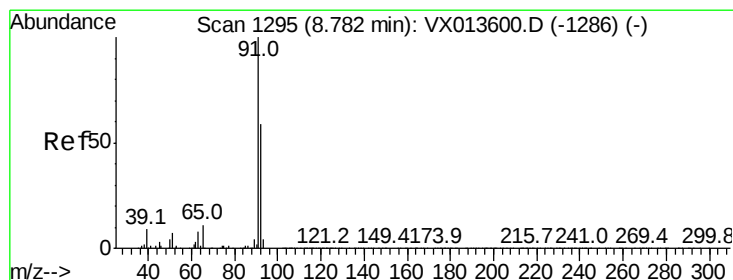
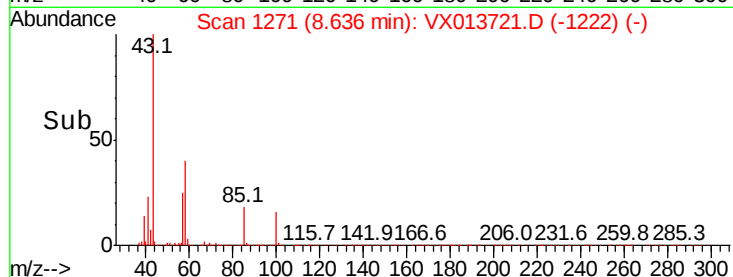
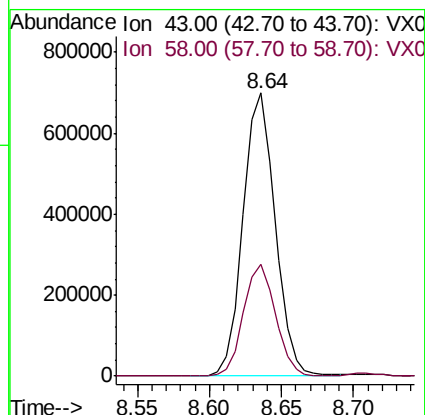
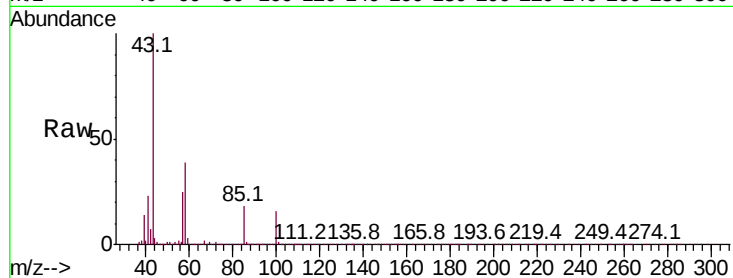




#51
4-Methyl-2-Pentanone
Concen: 101.391 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

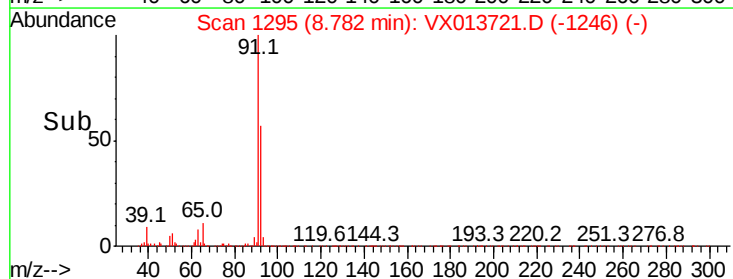
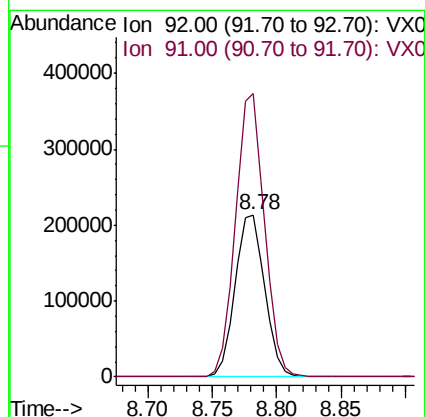
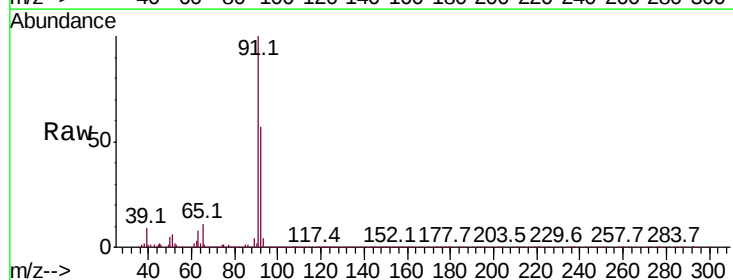
Instrument :
MSVOA_X
ClientSampleId :

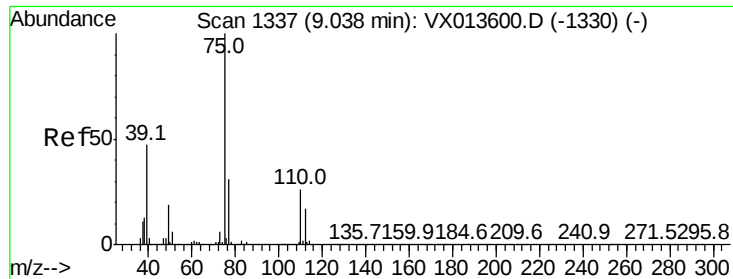
Tot Ion: 43 Resp: 1082715
Ion Ratio Lower Upper
43 100
58 39.4 32.1 48.1



#52
Toluene
Concen: 19.657 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 92 Resp: 341860
Ion Ratio Lower Upper
92 100
91 170.8 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 19.132 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

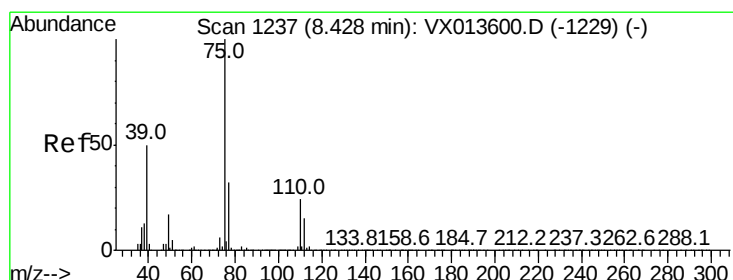
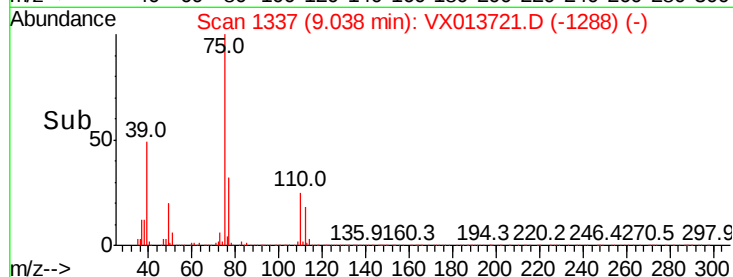
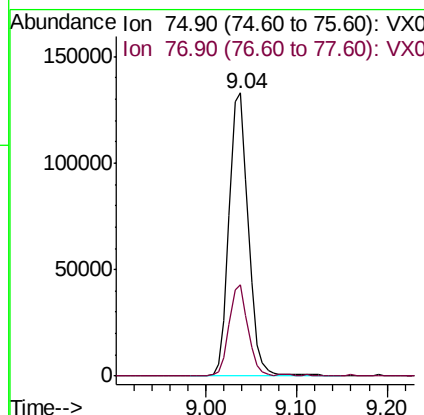
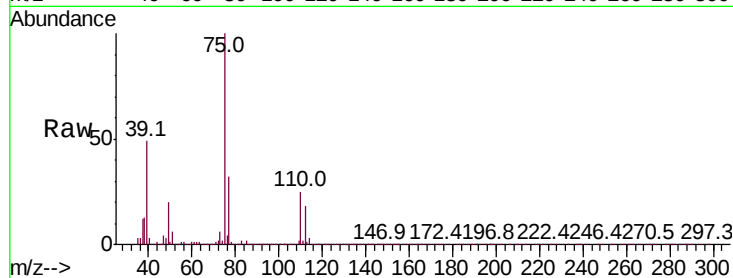
Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 195844

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.4	36.6



#54

cis-1,3-Dichloropropene

Concen: 19.710 ug/l

RT: 8.43 min Scan# 1237

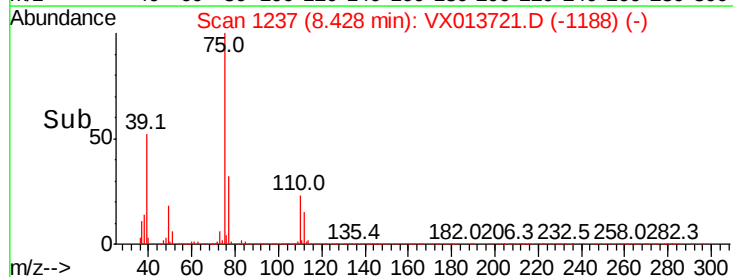
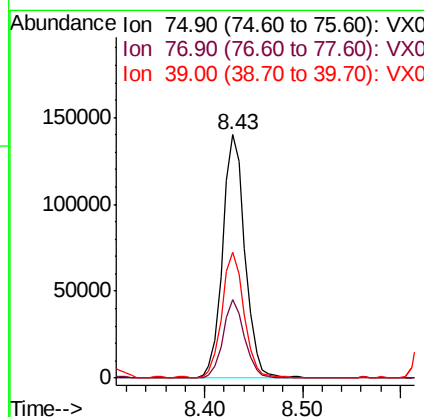
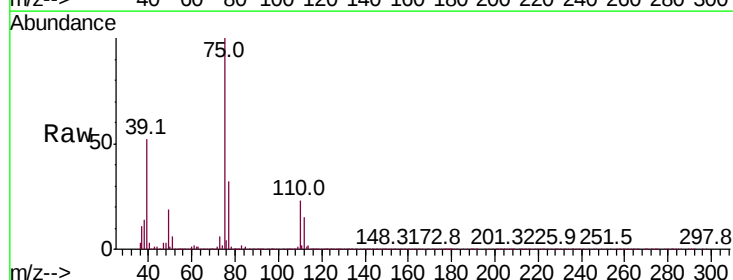
Delta R.T. -0.00 min

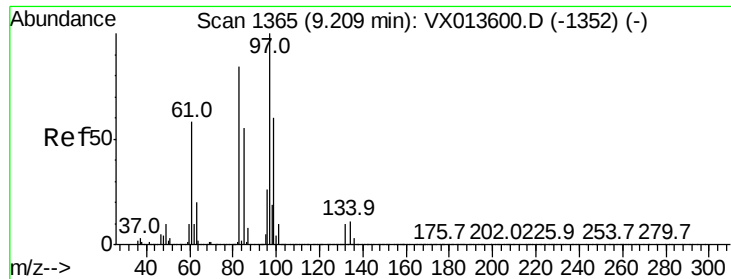
Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion: 75 Resp: 220432

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	51.6	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 20.059 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 140582

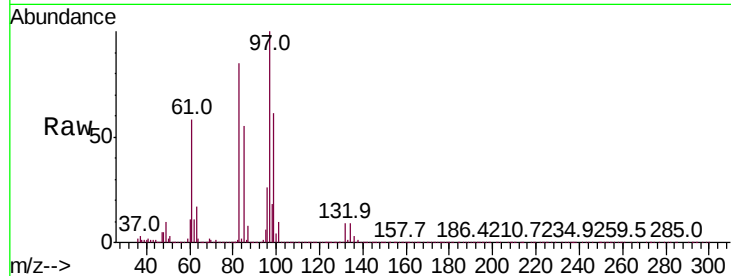
Ion Ratio Lower Upper

97 100

83 85.1 67.3 100.9

85 54.3 43.6 65.4

99 60.5 48.2 72.4

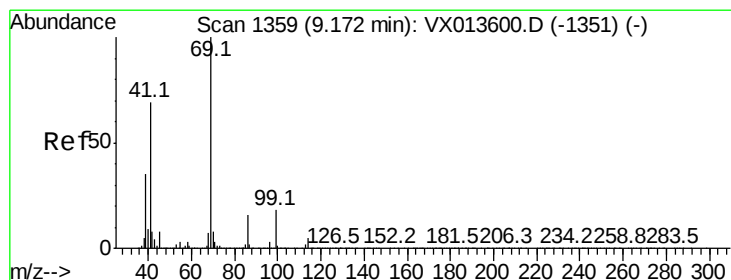
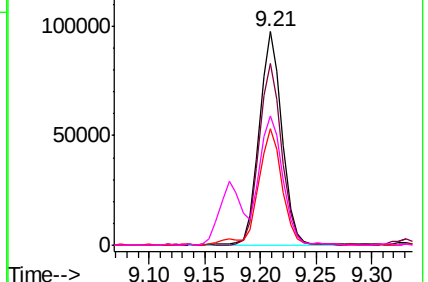
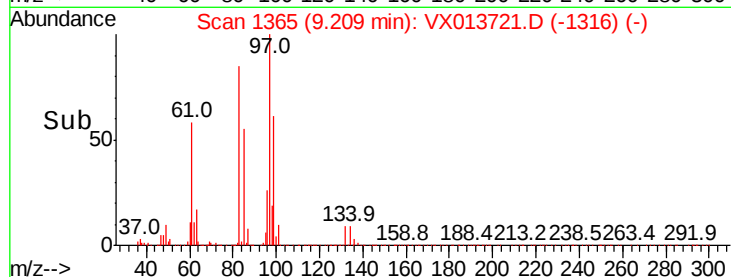


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.848 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

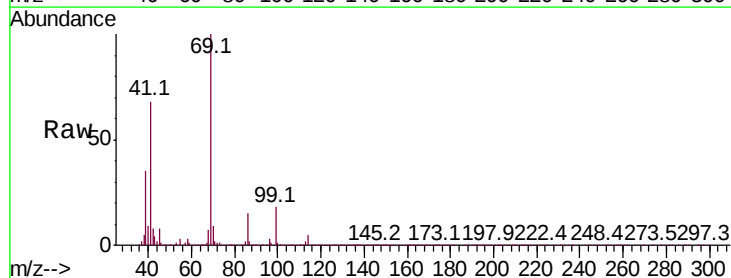
Tgt Ion: 69 Resp: 223646

Ion Ratio Lower Upper

69 100

41 67.4 55.0 82.4

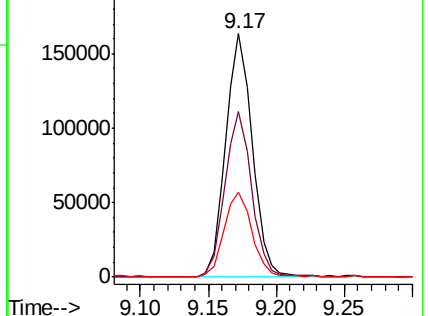
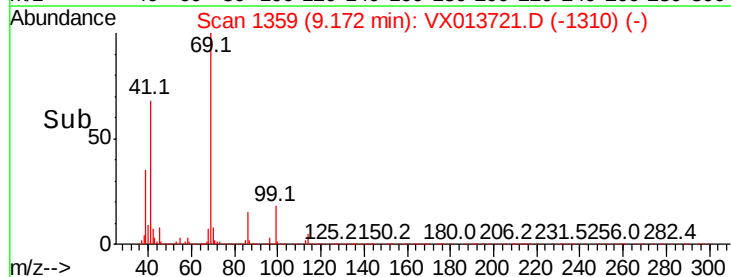
39 35.8 28.7 43.1

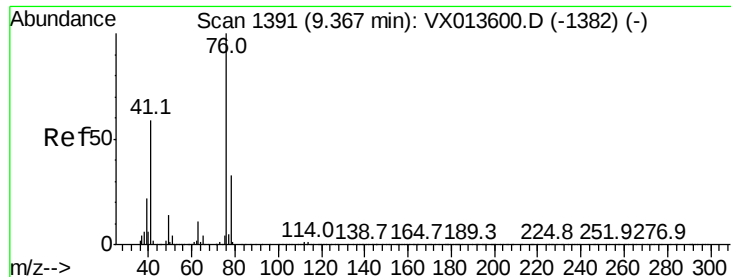


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.446 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

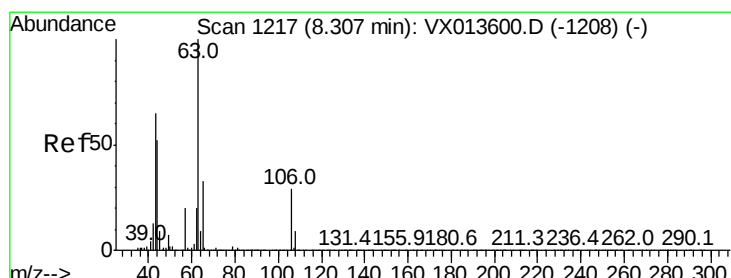
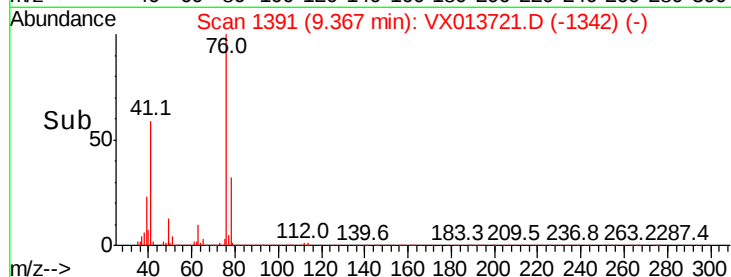
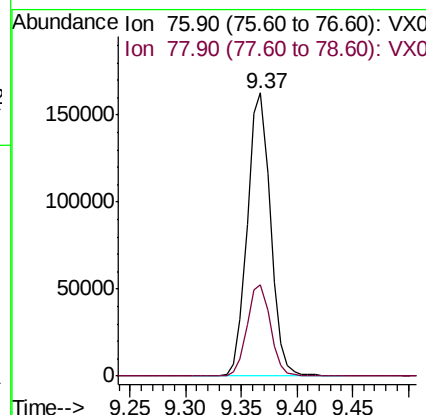
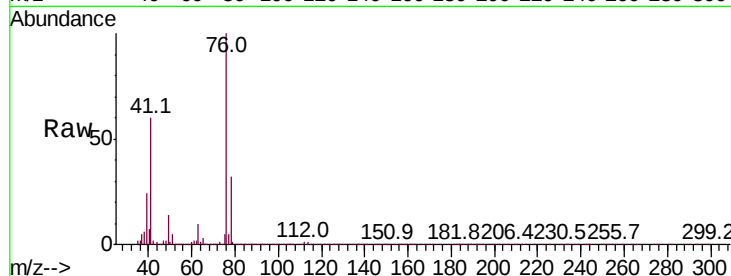
Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 234912

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.033 ug/l

RT: 8.31 min Scan# 1217

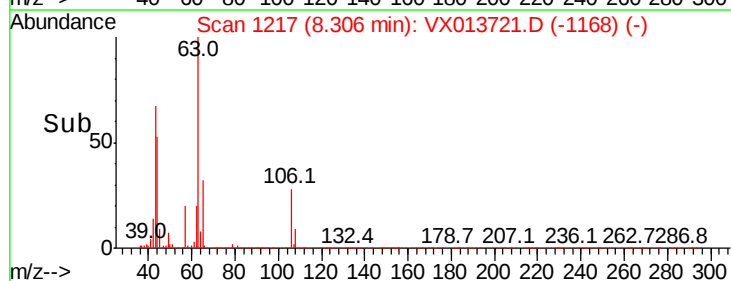
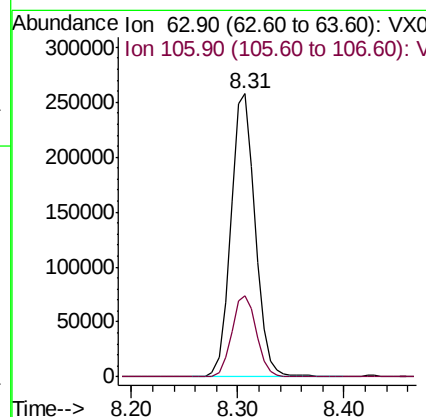
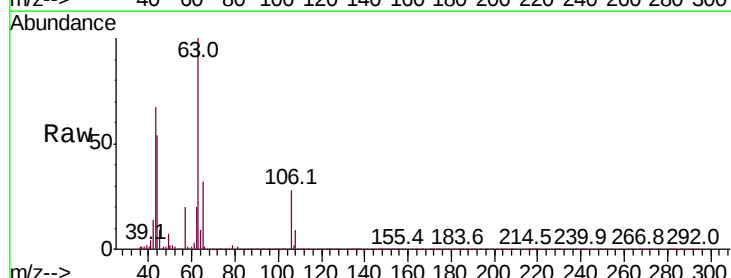
Delta R.T. -0.00 min

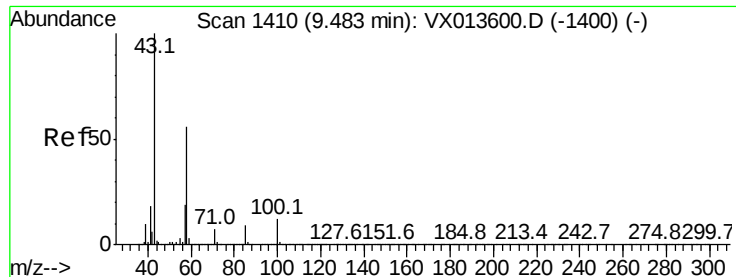
Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion: 63 Resp: 411008

Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.4	35.0

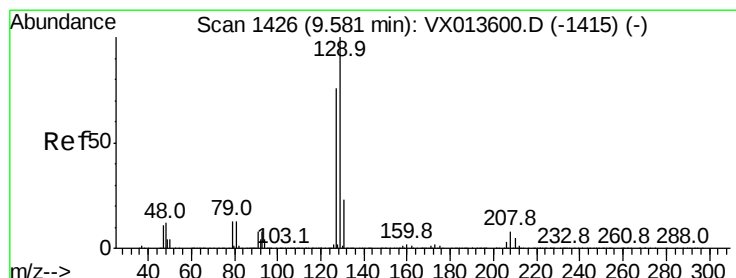
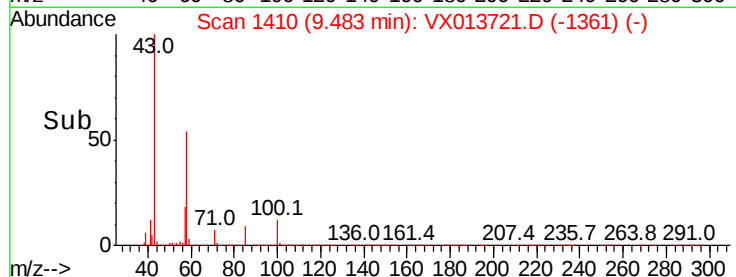
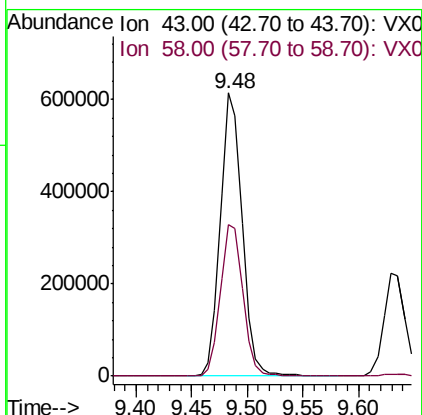
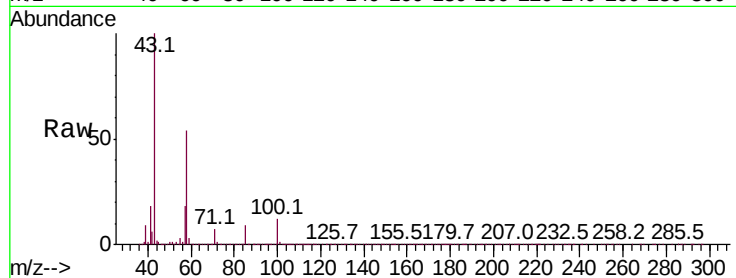




#59
2-Hexanone
Concen: 100.448 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

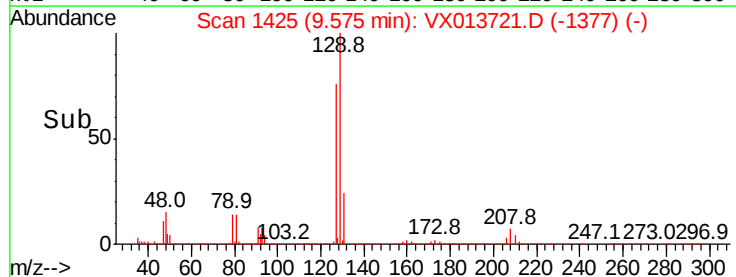
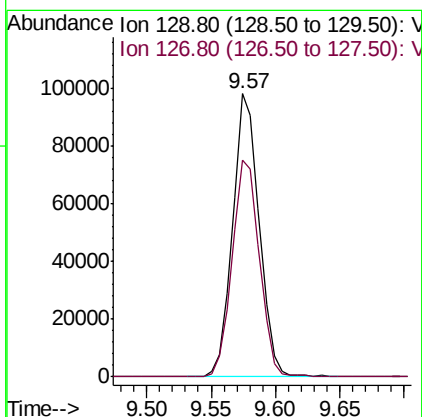
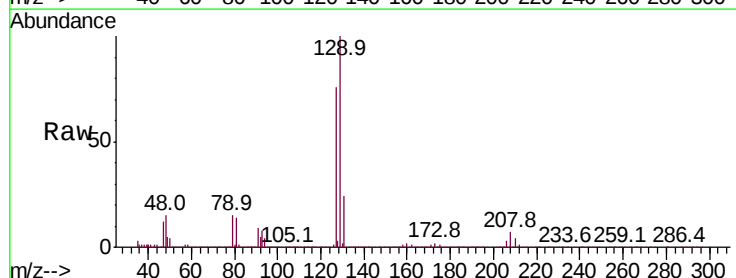
Instrument :
MSVOA_X
ClientSampleId :

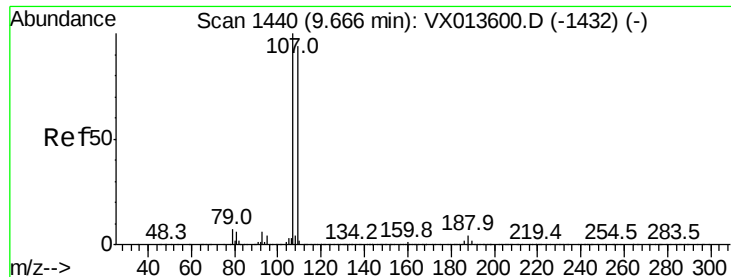
Tot Ion: 43 Resp: 836582
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.4



#60
Dibromochloromethane
Concen: 19.390 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 129 Resp: 141034
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.439 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

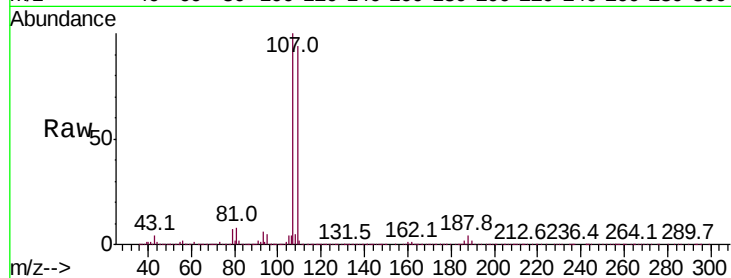
ClientSampleId :

Tot Ion:107 Resp: 145508

Ion Ratio Lower Upper

107 100

109 94.7 76.1 114.1

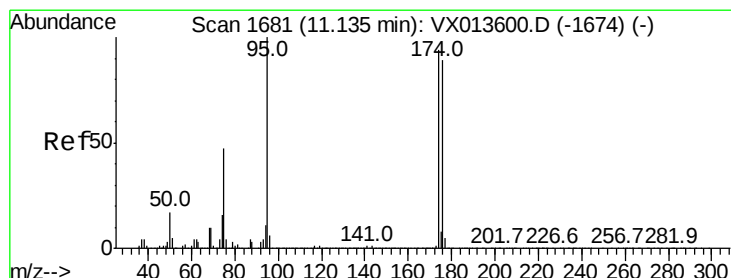
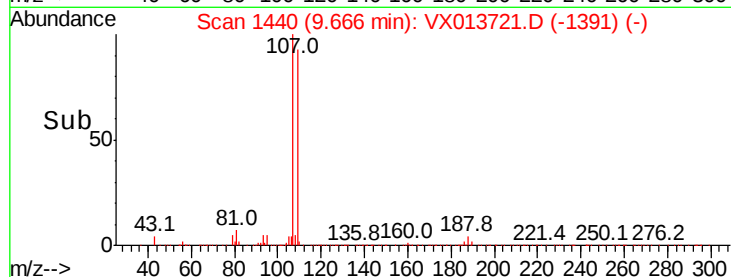


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 45.318 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

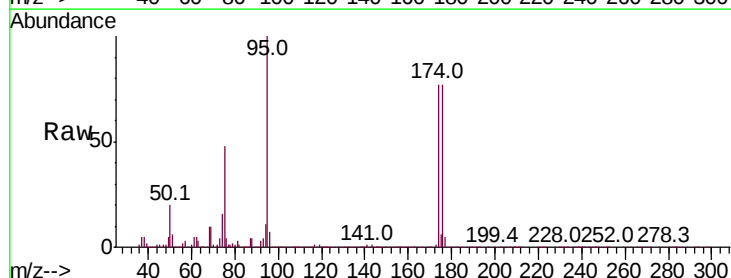
Tgt Ion: 95 Resp: 398568

Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.0

176 86.1 0.0 173.6



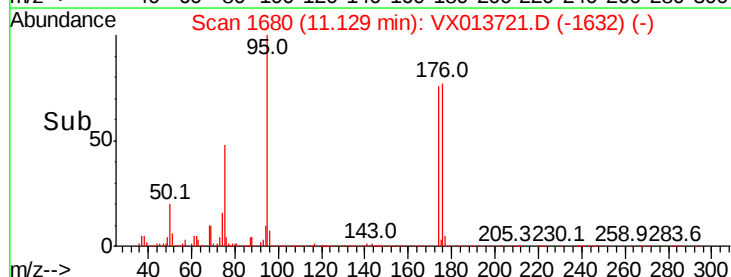
Abundance Ion 94.90 (94.60 to 95.60): VX0

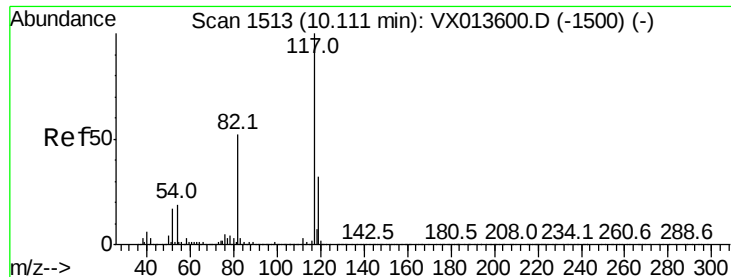
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->

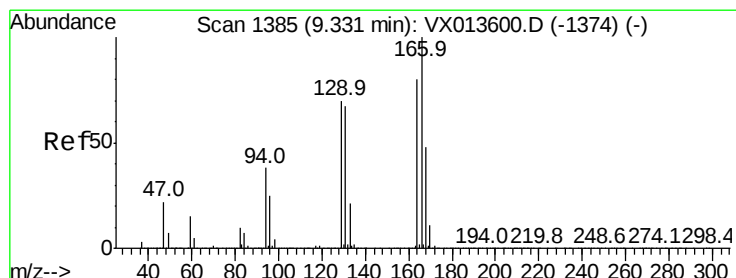
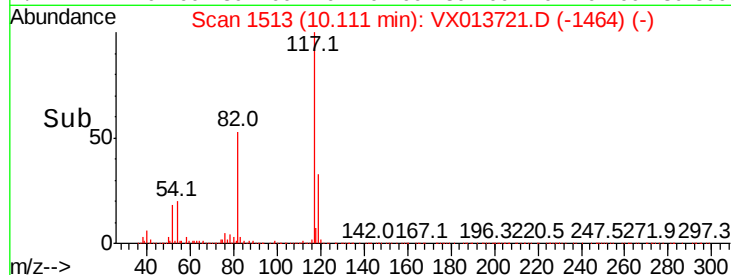
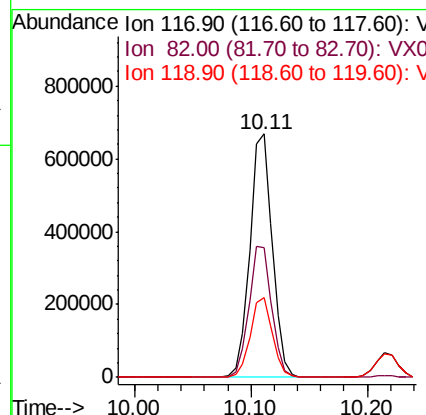
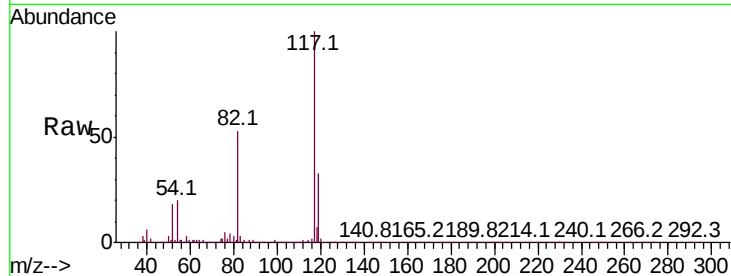




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

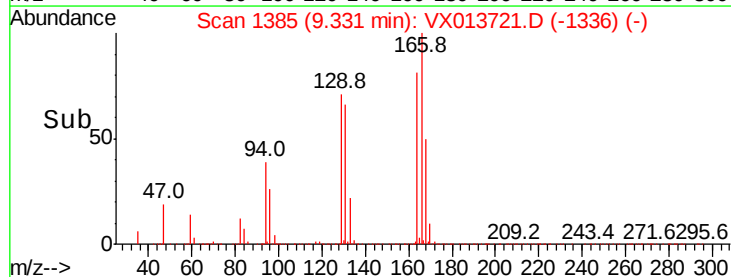
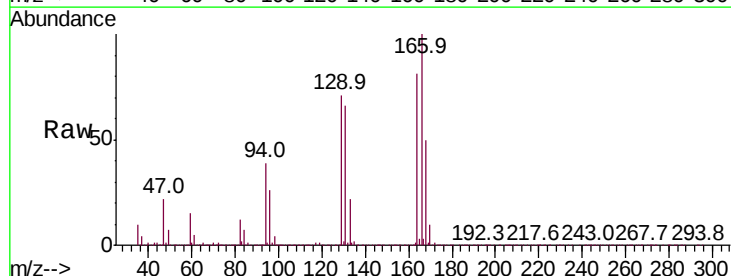
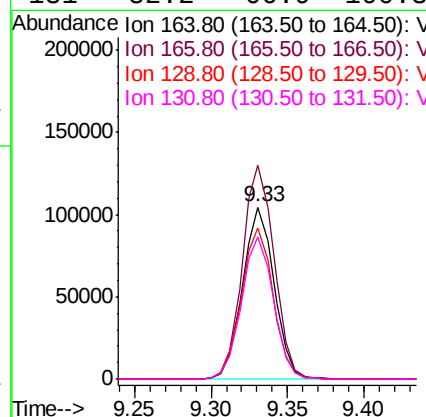
Instrument :
MSVOA_X
ClientSampleId :

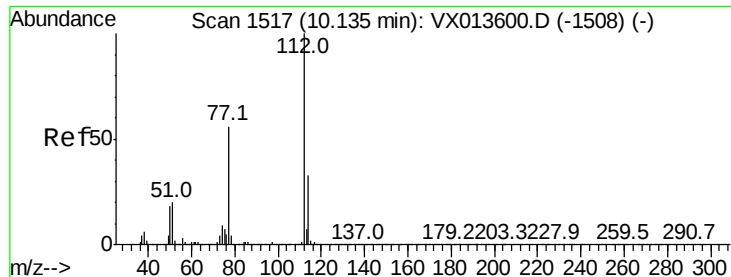
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.8
119	32.9	25.8	38.8



#64
Tetrachloroethene
Concen: 22.243 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	99.7	149.5
129	87.7	70.1	105.1
131	82.2	66.9	100.3

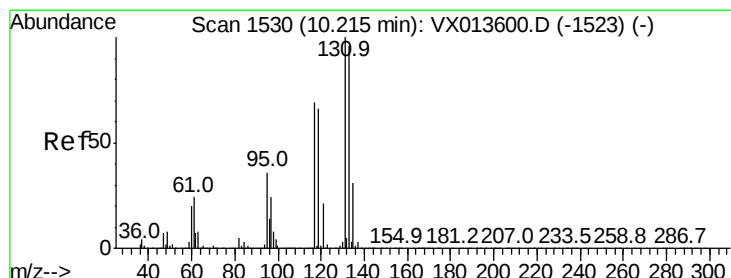
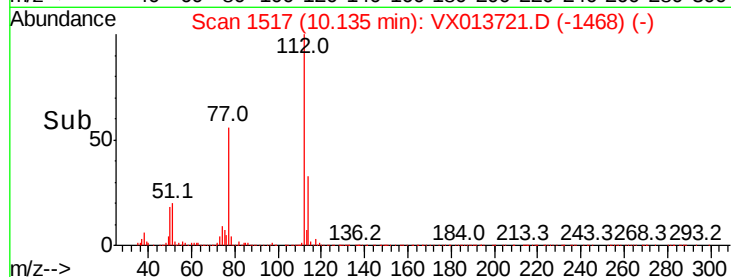
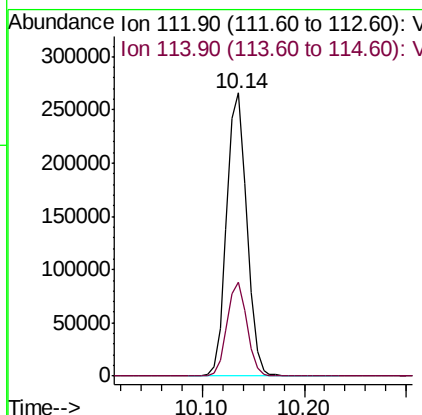
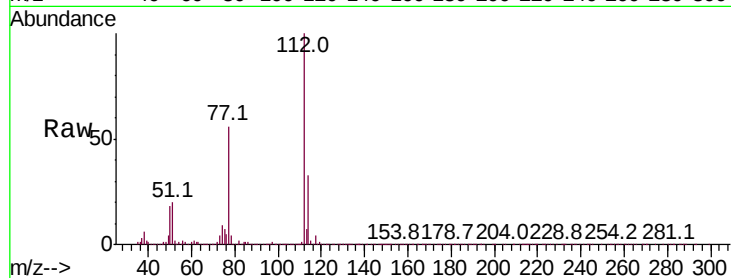




#65
Chlorobenzene
Concen: 19.435 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

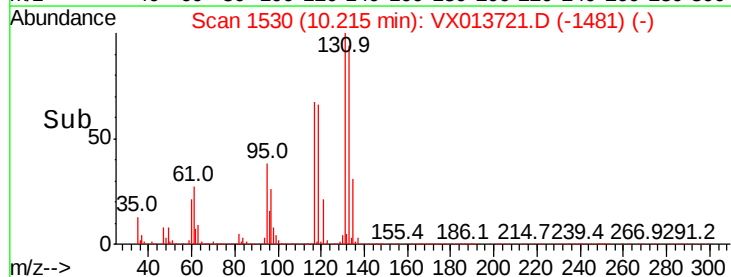
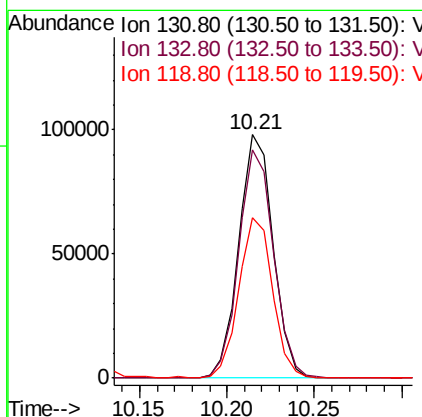
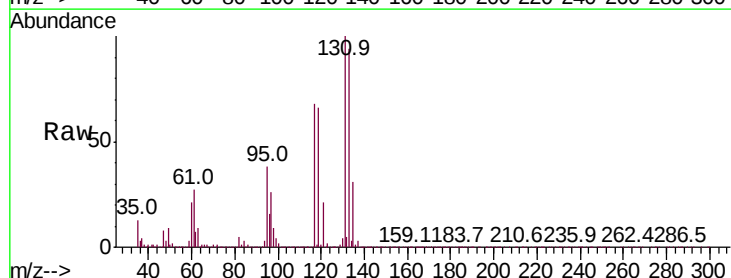
Instrument :
MSVOA_X
ClientSampleId :

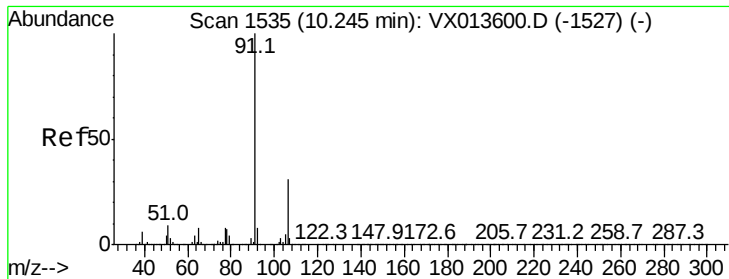
Tot Ion:112 Resp: 363680
Ion Ratio Lower Upper
112 100
114 33.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.889 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion:131 Resp: 133641
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 64.7 32.9 98.6





#67

Ethyl Benzene

Concen: 19.586 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

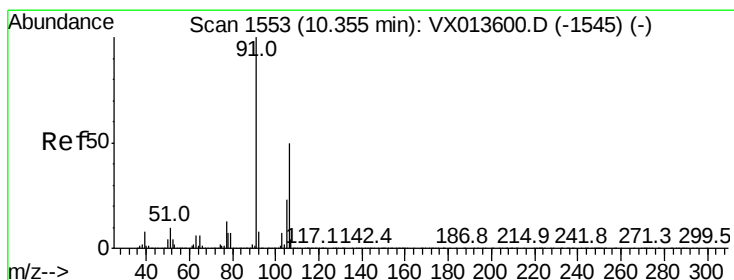
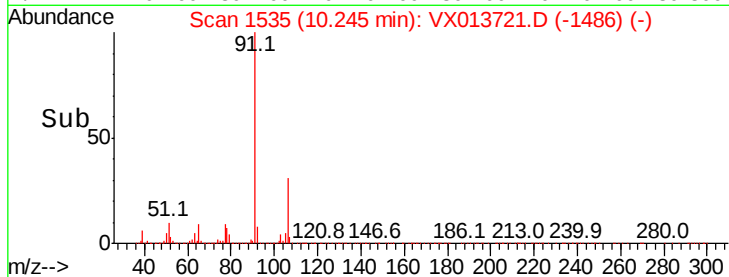
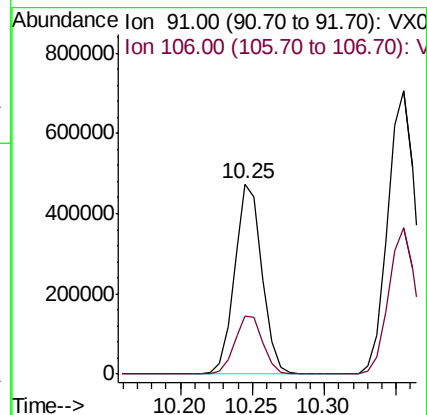
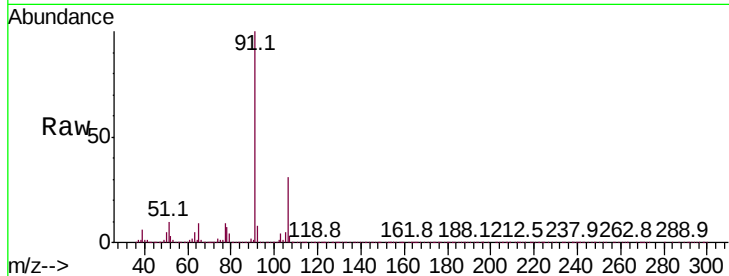
ClientSampleId :

Tot Ion: 91 Resp: 629773

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 39.111 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013721.D

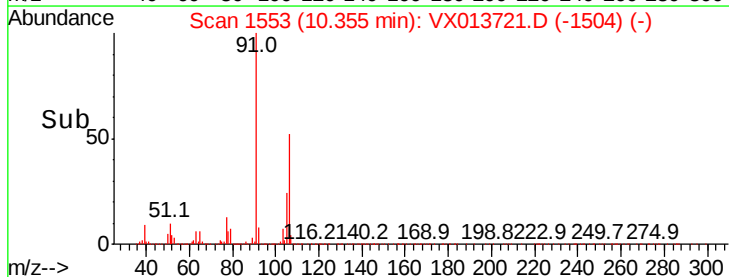
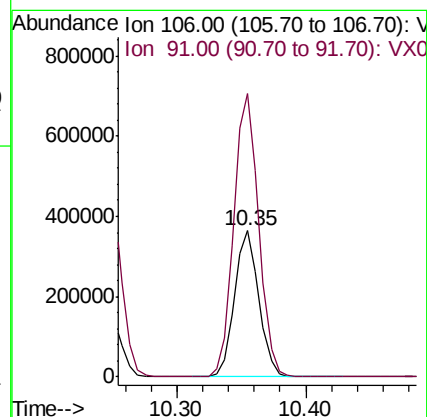
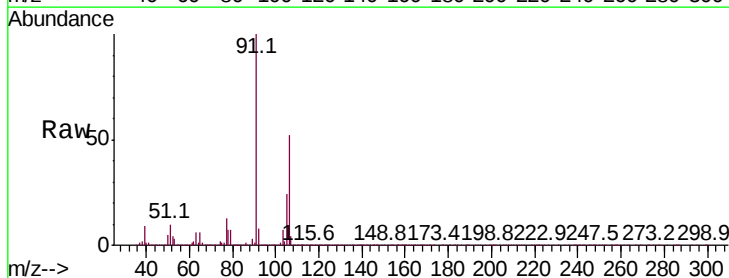
Acq: 03 Dec 2019 13:46

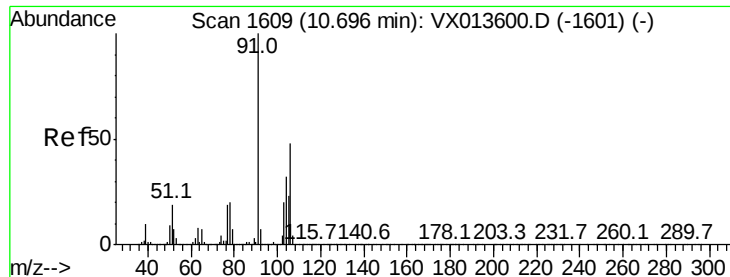
Tgt Ion: 106 Resp: 481484

Ion Ratio Lower Upper

106 100

91 198.5 159.0 238.4

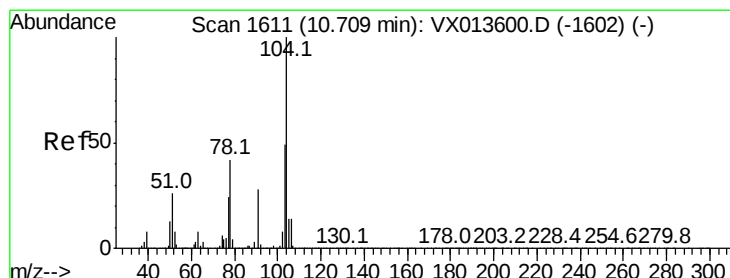
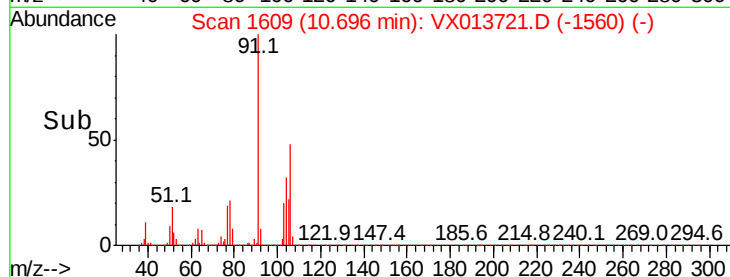
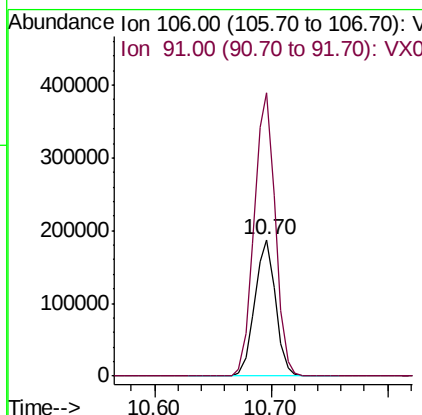
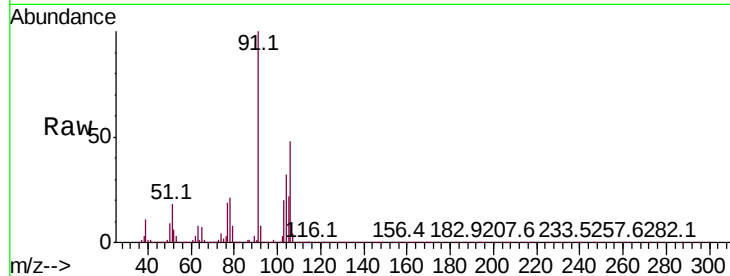




#69
o-Xylene
Concen: 19.469 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

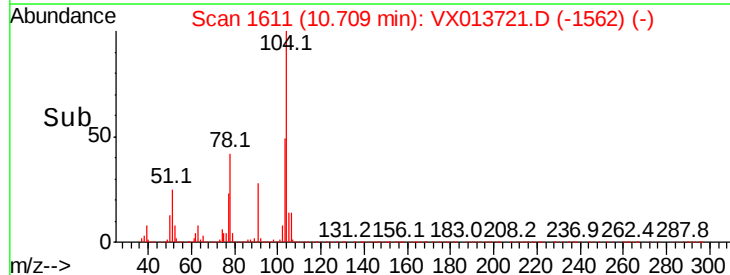
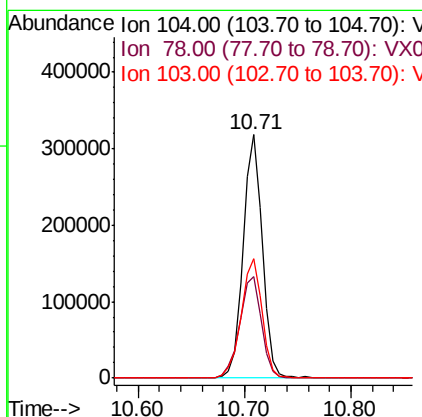
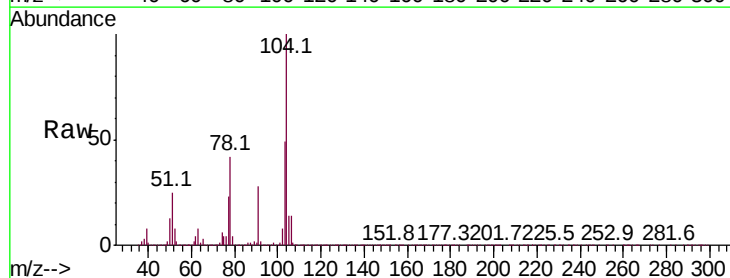
Instrument :
MSVOA_X
ClientSampleId :

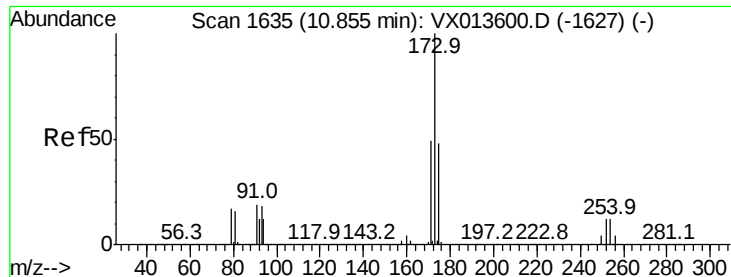
Tot Ion:106 Resp: 233756
Ion Ratio Lower Upper
106 100
91 210.6 104.1 312.2



#70
Styrene
Concen: 19.900 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion:104 Resp: 401915
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 53.9 43.7 65.5

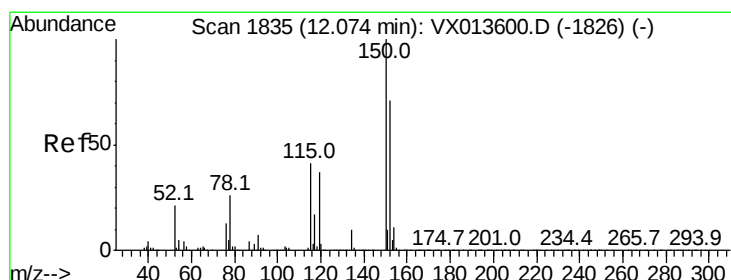
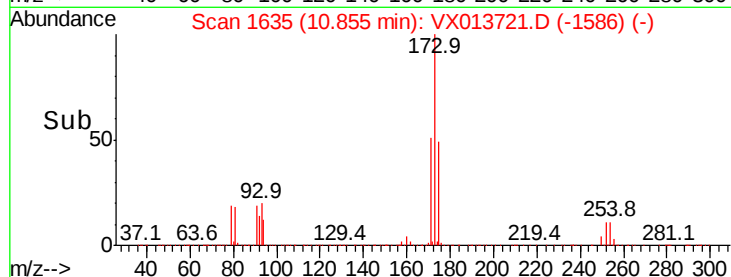
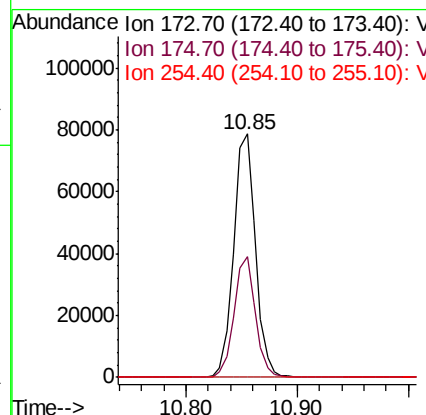
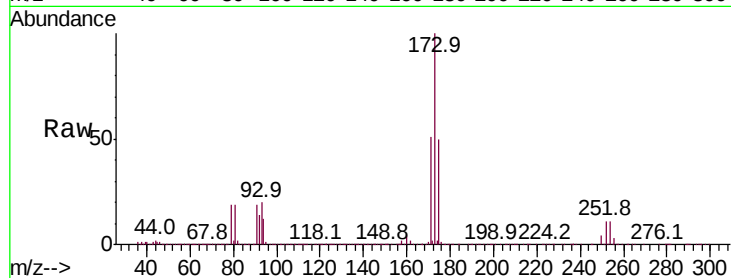




#71
Bromoform
Concen: 19.208 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

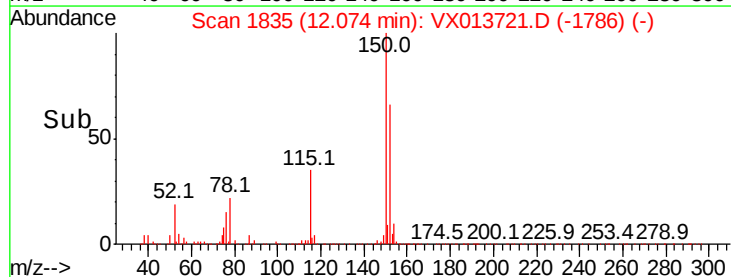
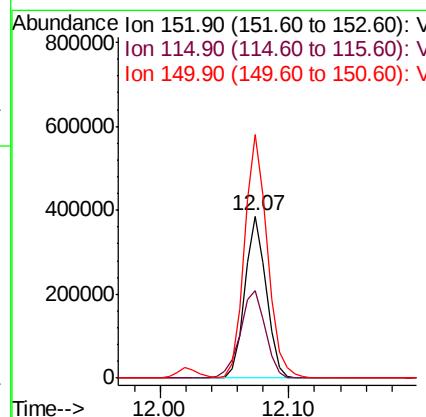
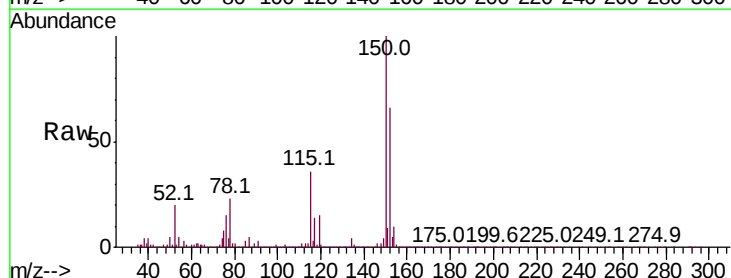
Instrument :
MSVOA_X
ClientSampleId :

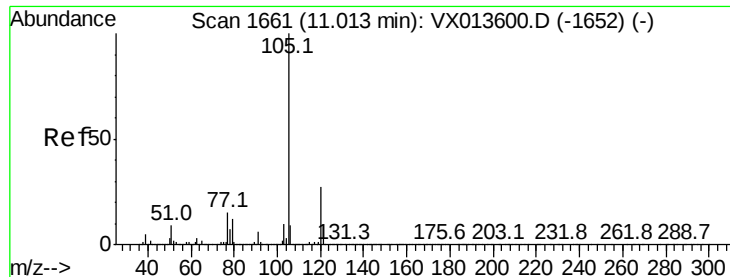
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.8
254	0.2	0.2	0.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	38.4	115.1
150	160.2	0.0	346.8





#73

Isopropylbenzene

Concen: 20.003 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

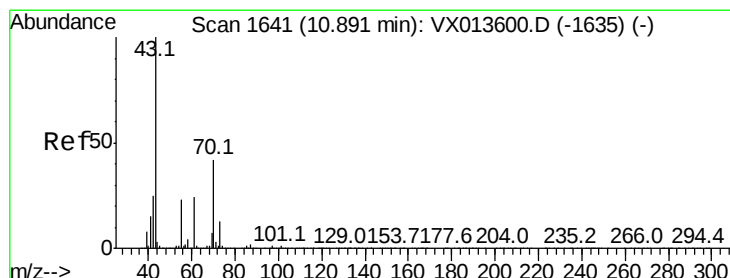
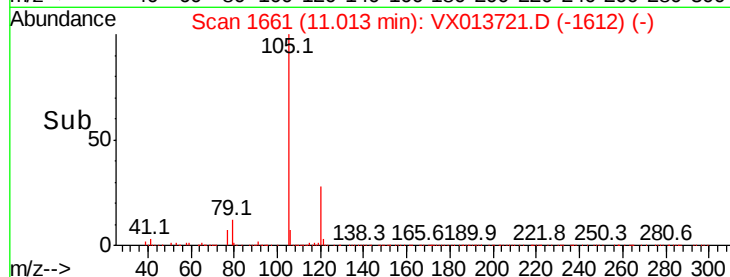
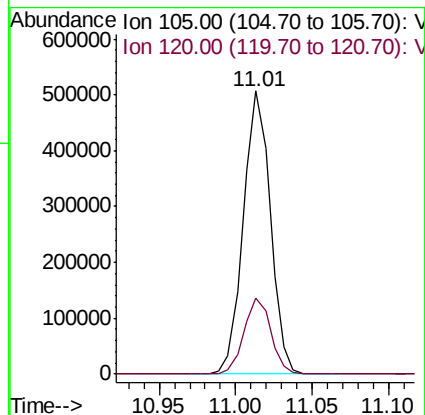
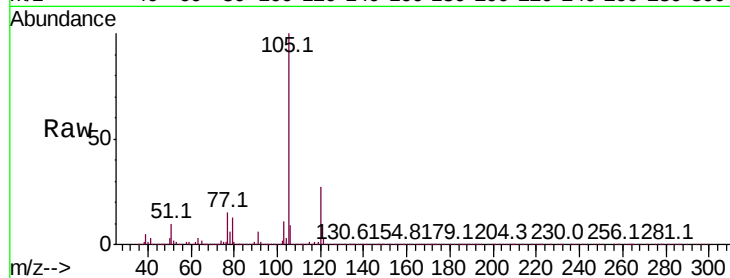
ClientSampleId :

Tot Ion:105 Resp: 620138

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 20.446 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion: 43 Resp: 290365

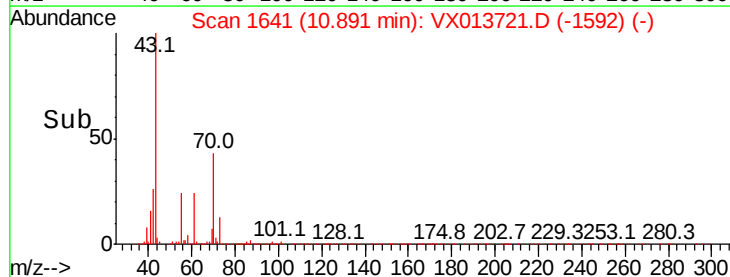
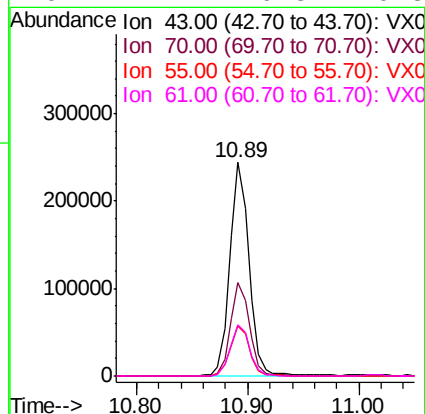
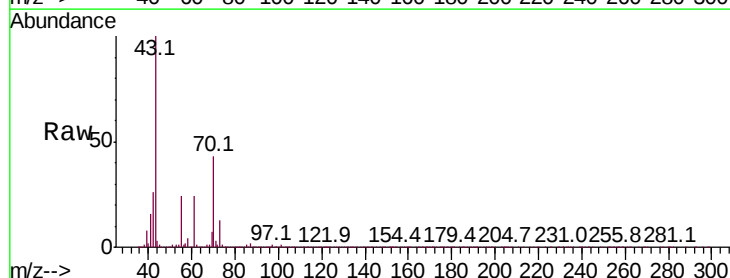
Ion Ratio Lower Upper

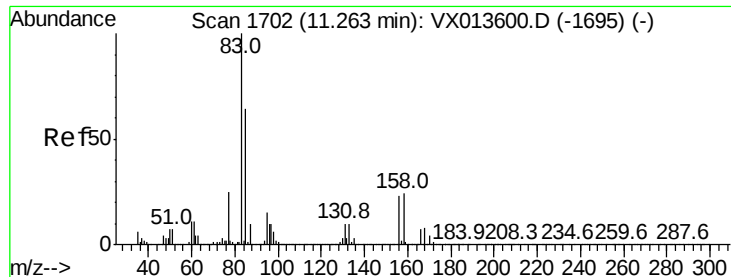
43 100

70 43.3 34.3 51.5

55 23.6 18.5 27.7

61 24.4 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.530 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

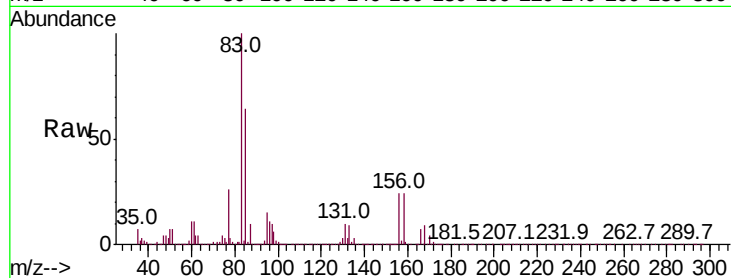
Tot Ion: 83 Resp: 220729

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

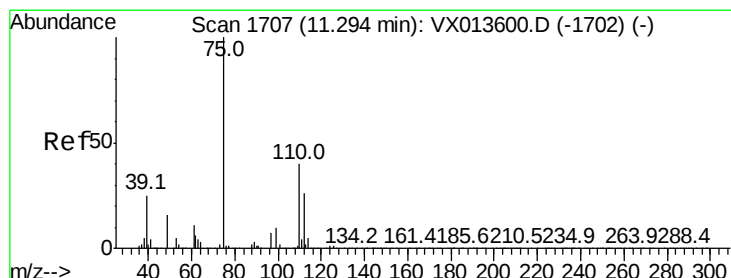
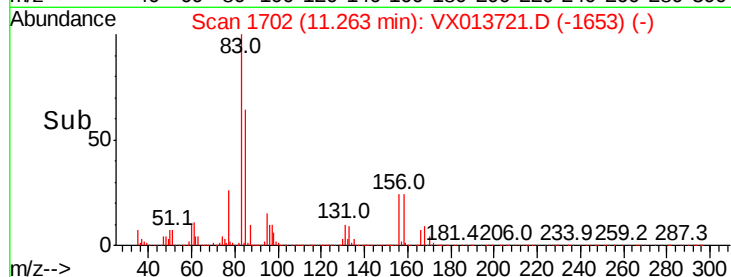
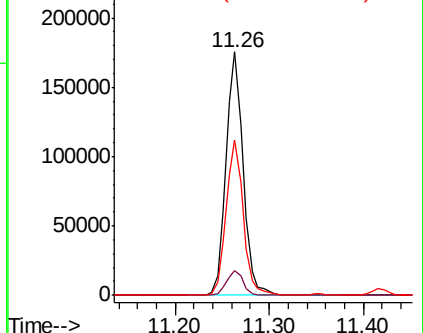
85 63.8 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.522 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013721.D

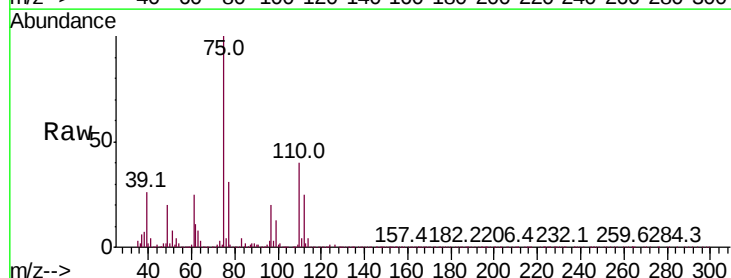
Acq: 03 Dec 2019 13:46

Tgt Ion: 75 Resp: 243765

Ion Ratio Lower Upper

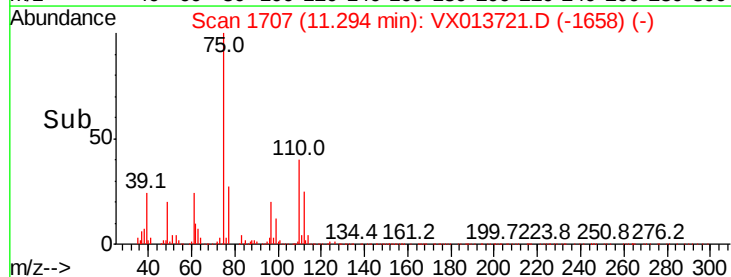
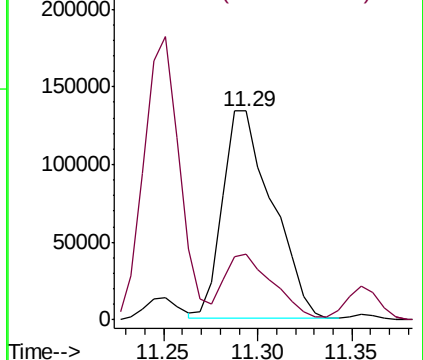
75 100

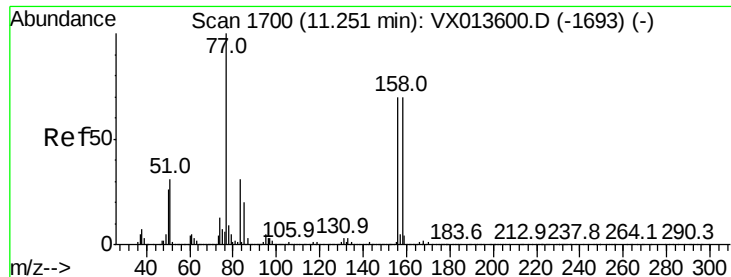
77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.212 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

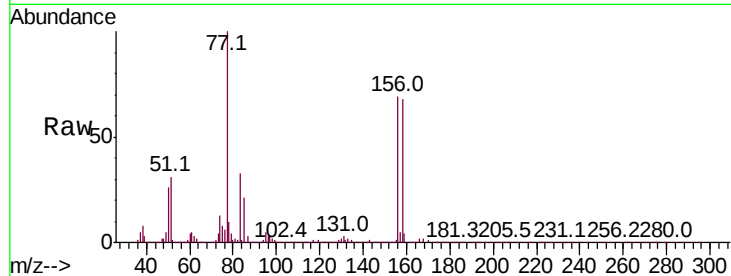
Tot Ion:156 Resp: 160909

Ion Ratio Lower Upper

156 100

77 150.8 74.4 223.1

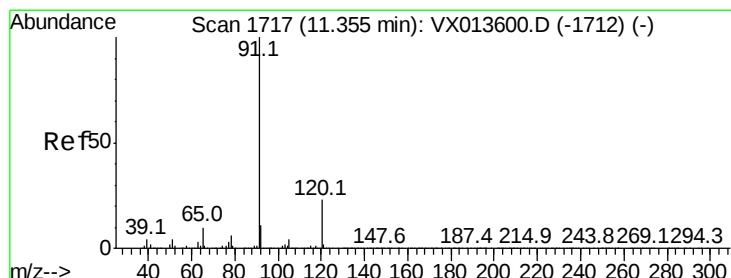
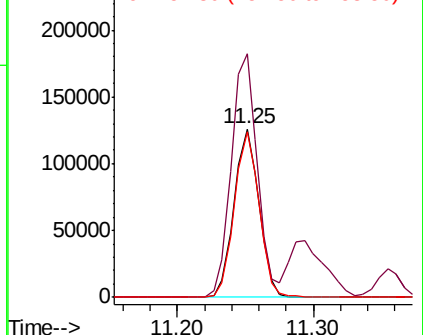
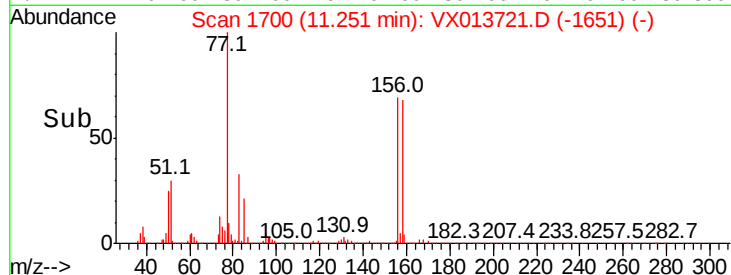
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.080 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013721.D

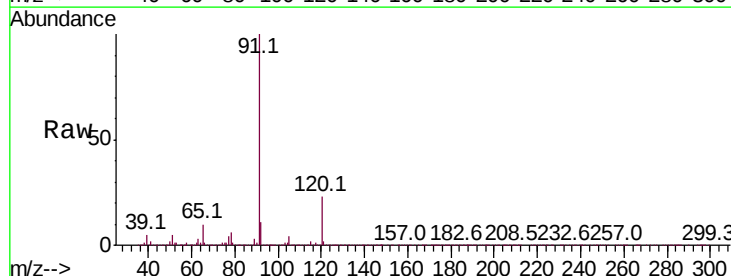
Acq: 03 Dec 2019 13:46

Tgt Ion: 91 Resp: 694921

Ion Ratio Lower Upper

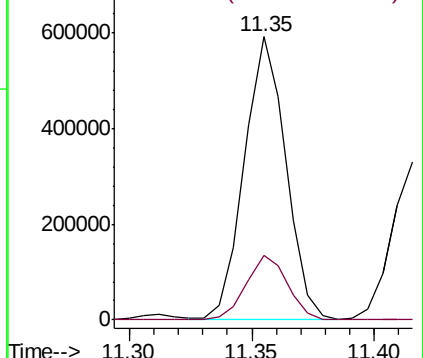
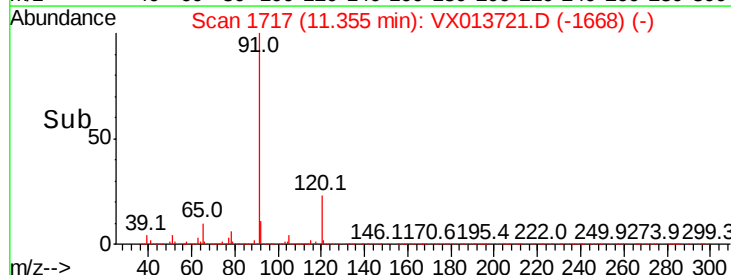
91 100

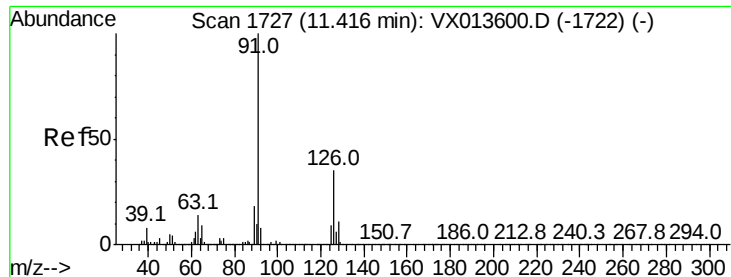
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.614 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

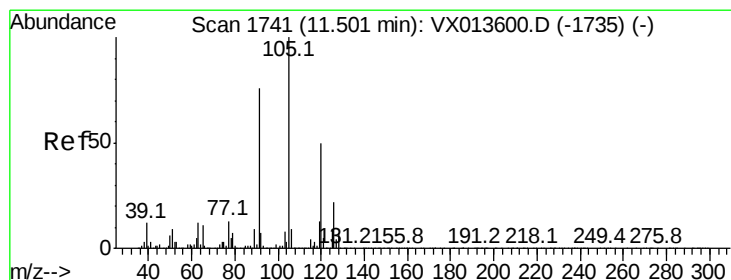
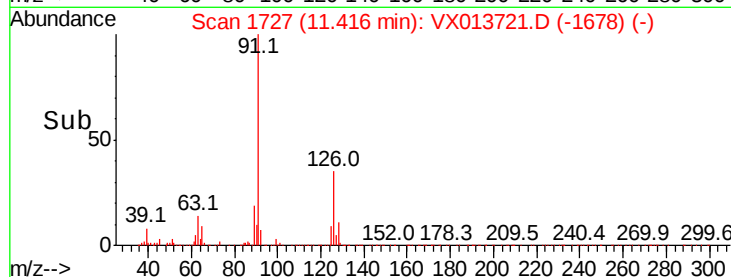
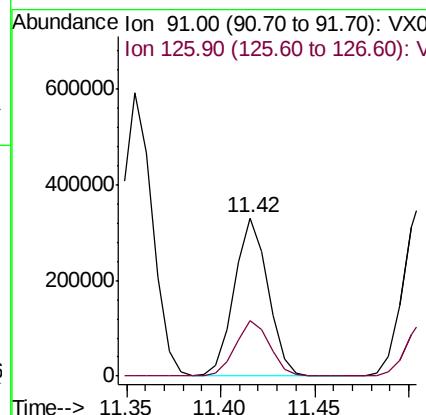
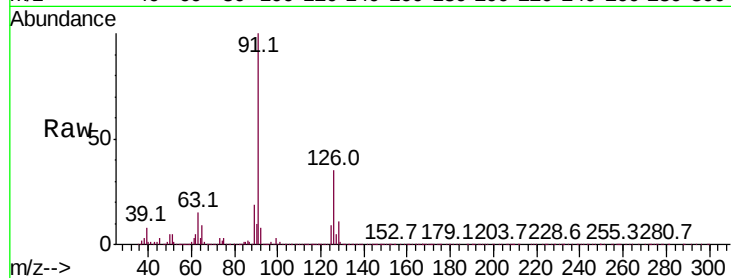
ClientSampleId :

Tot Ion: 91 Resp: 407198

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.092 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013721.D

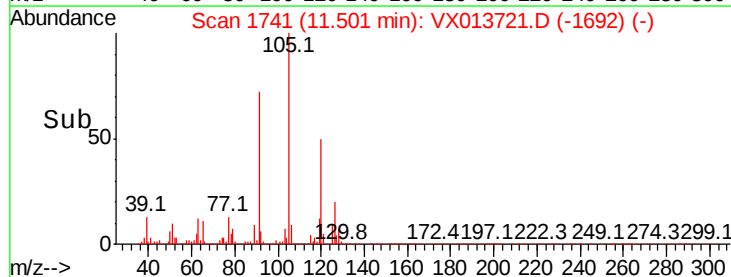
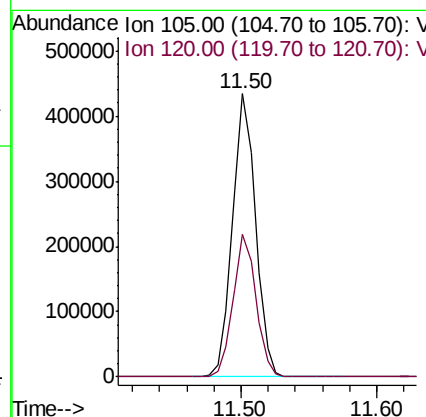
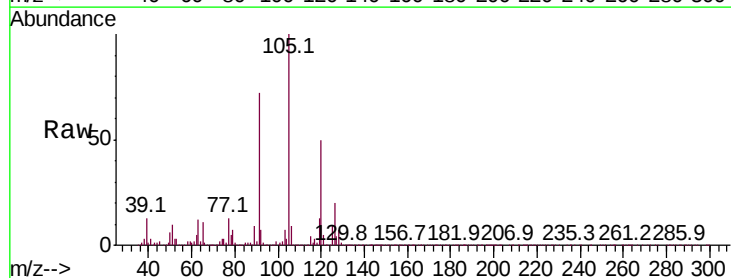
Acq: 03 Dec 2019 13:46

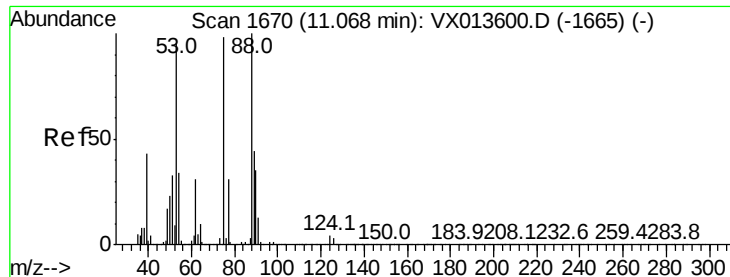
Tgt Ion: 105 Resp: 510515

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.819 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

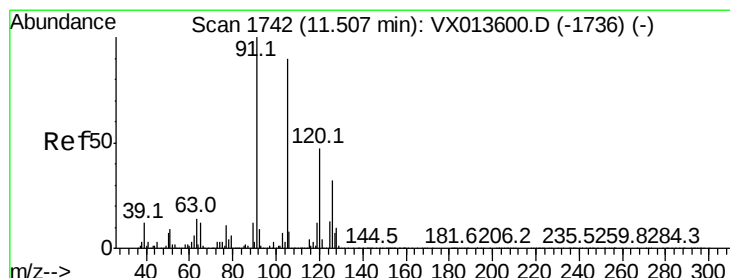
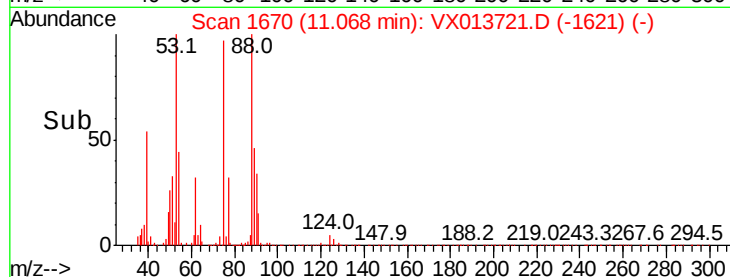
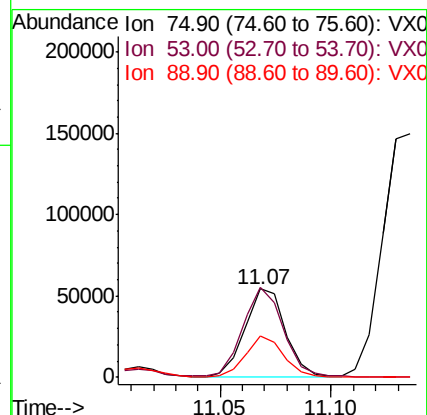
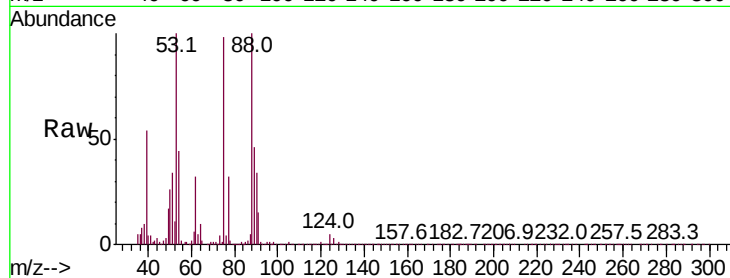
Tot Ion: 75 Resp: 68379

Ion Ratio Lower Upper

75 100

53 101.3 78.2 117.2

89 44.9 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.386 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013721.D

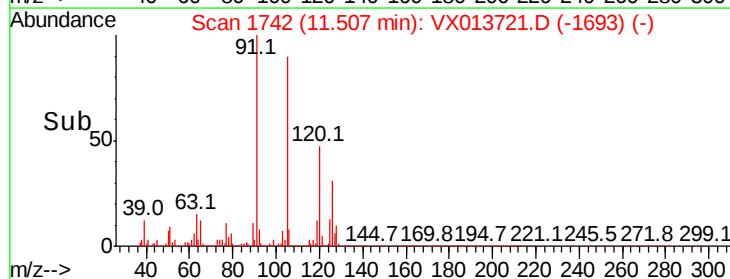
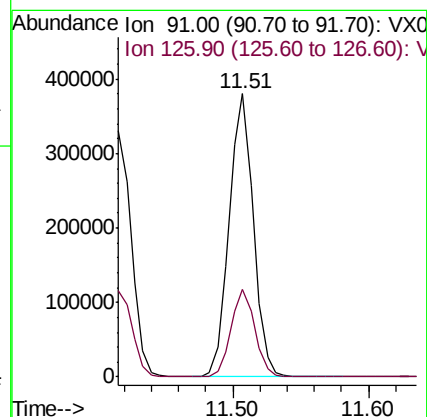
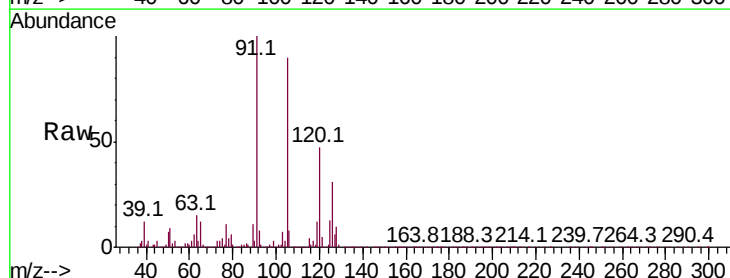
Acq: 03 Dec 2019 13:46

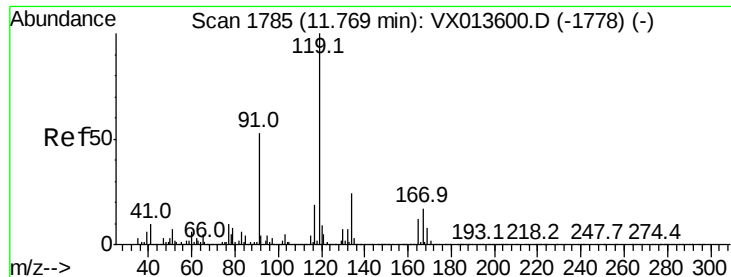
Tgt Ion: 91 Resp: 466138

Ion Ratio Lower Upper

91 100

126 30.5 15.7 47.0

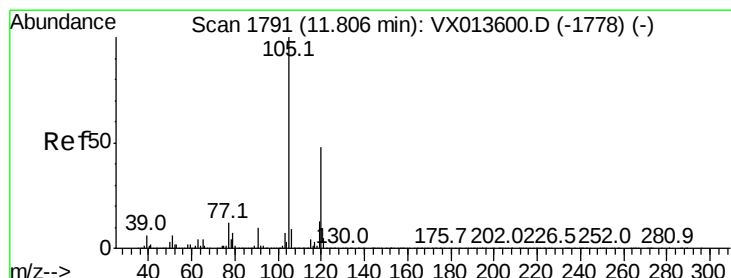
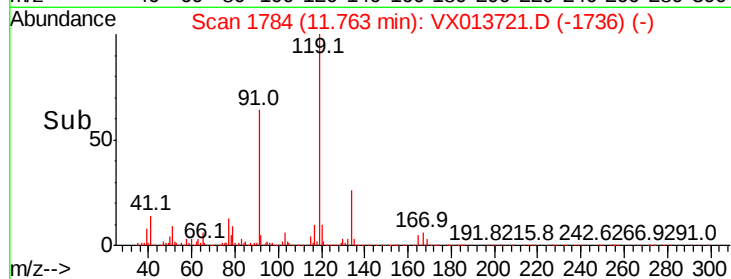
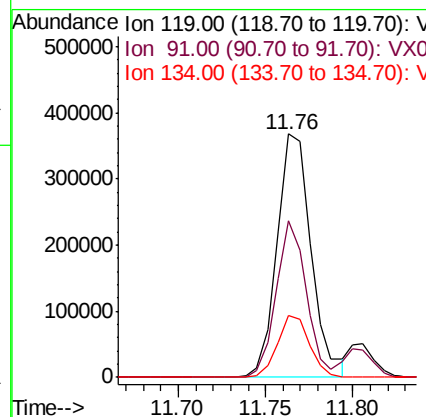
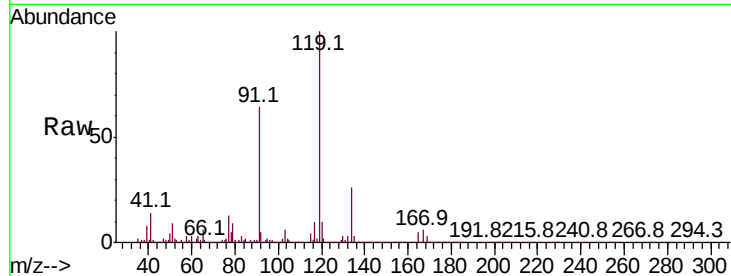




#83
tert-Butylbenzene
Concen: 19.434 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

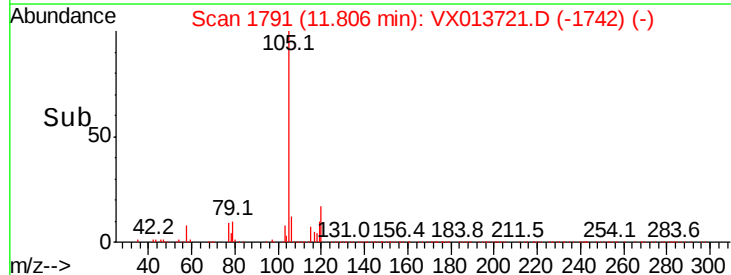
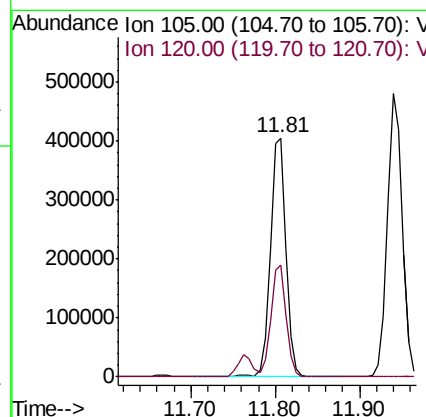
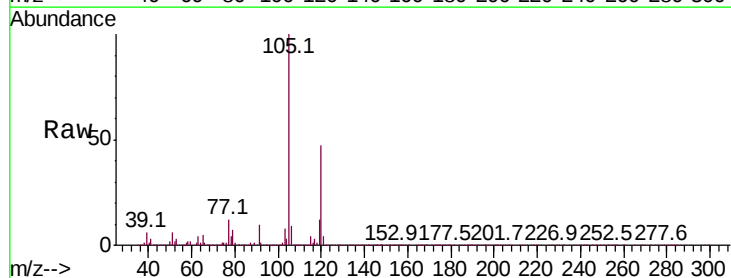
Instrument :
MSVOA_X
ClientSampleId :

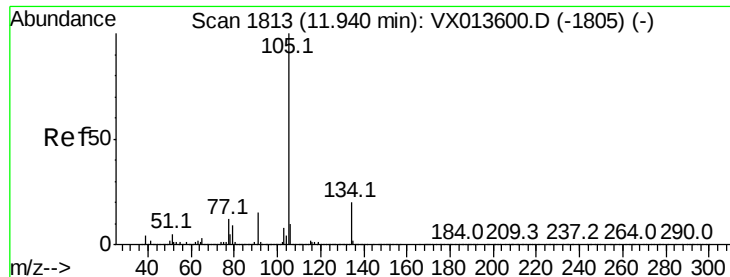
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	27.2	81.6
134	23.8	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.936 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.987 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

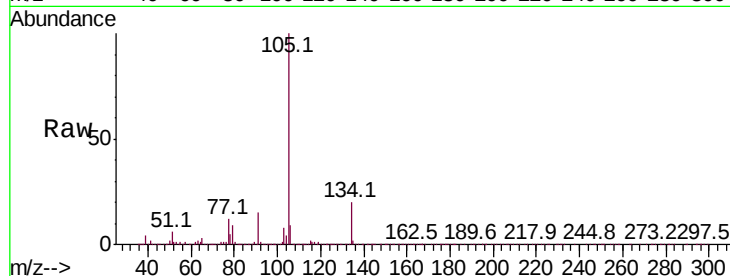
ClientSampled :

Tot Ion:105 Resp: 589514

Ion Ratio Lower Upper

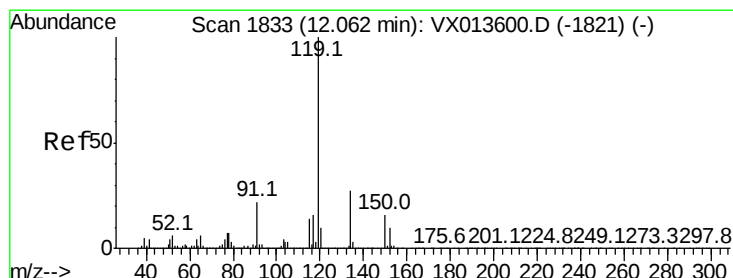
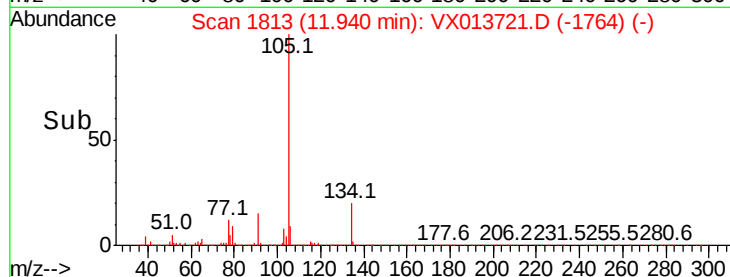
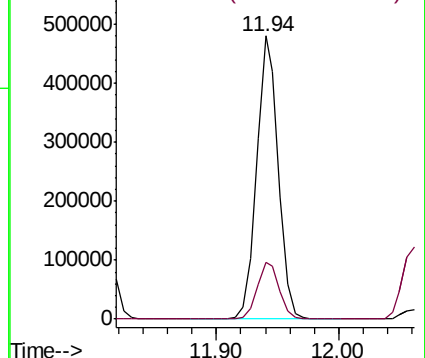
105 100

134 20.5 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: 19.507 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

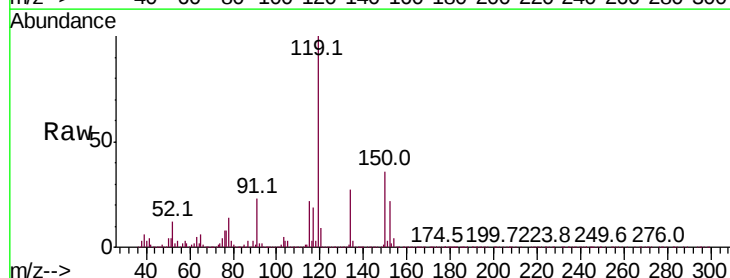
Tgt Ion:119 Resp: 535252

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

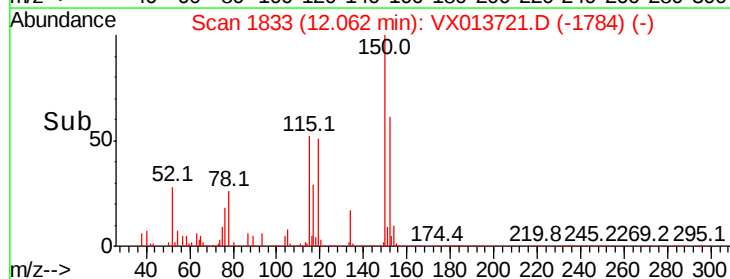
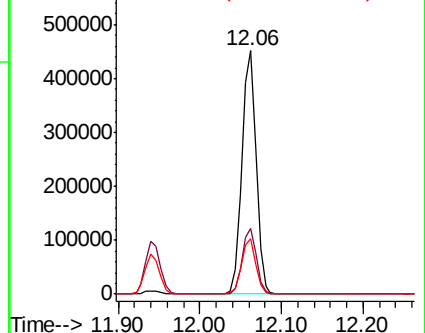
91 22.5 11.3 33.8

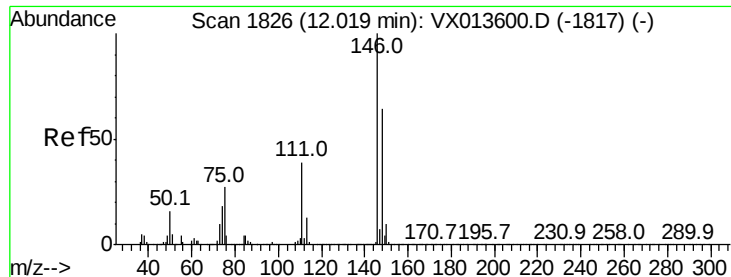


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

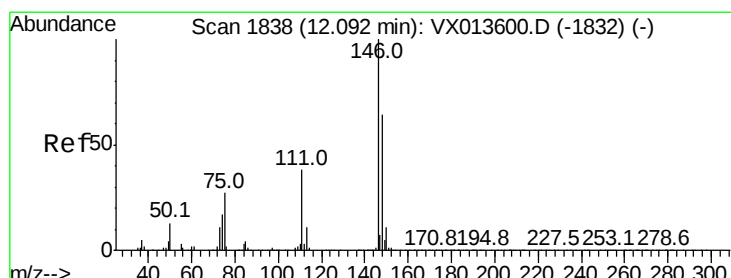
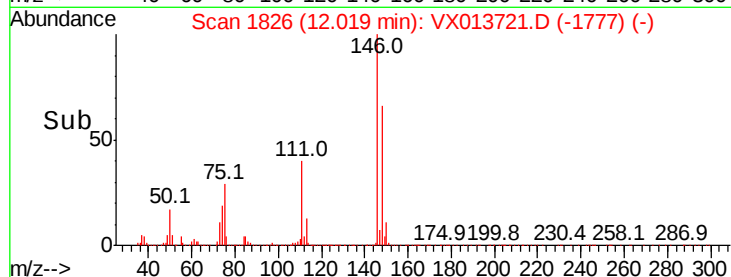
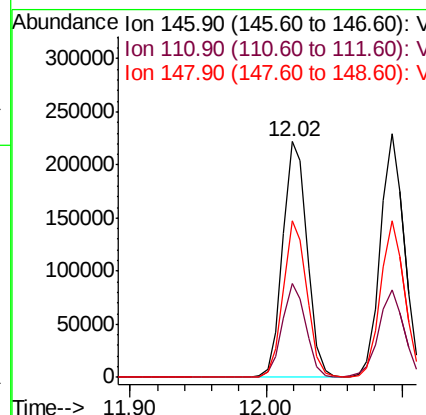
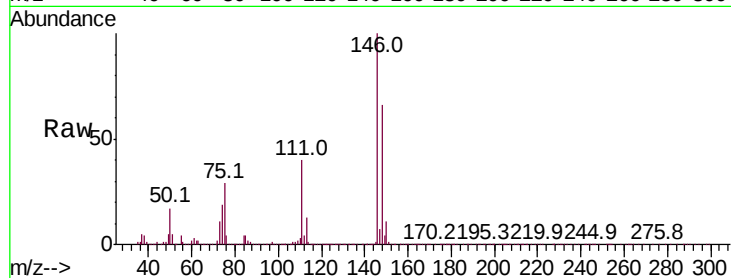




#87
 1,3-Dichlorobenzene
 Concen: 18.900 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

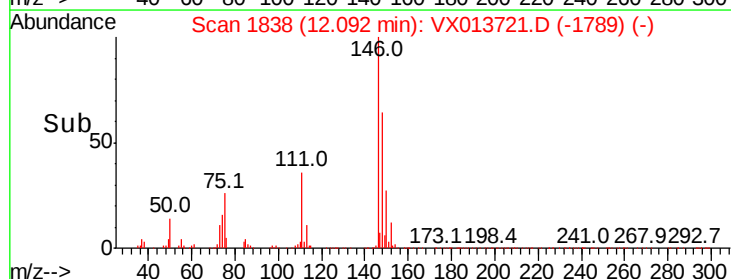
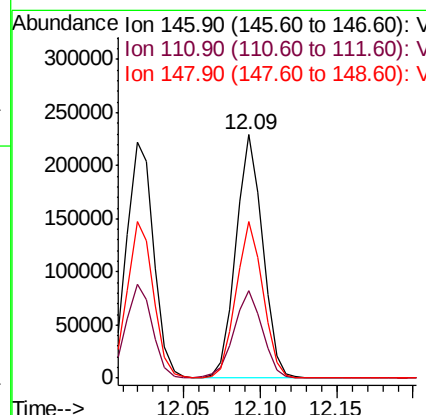
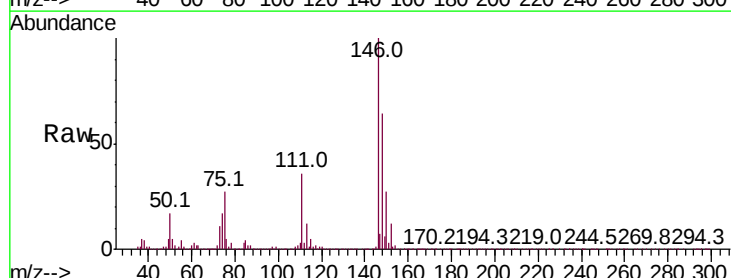
Instrument :
 MSVOA_X
 ClientSampled :

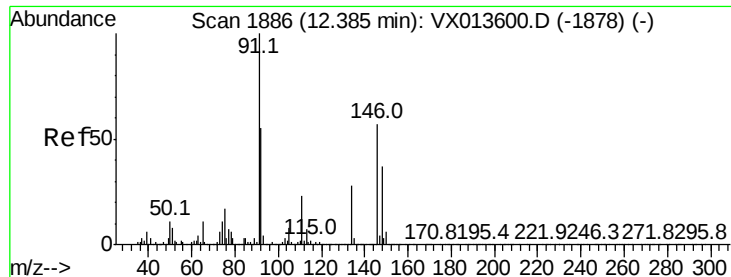
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.617 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.7	31.9	95.5





#89

n-Butylbenzene

Concen: 18.954 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

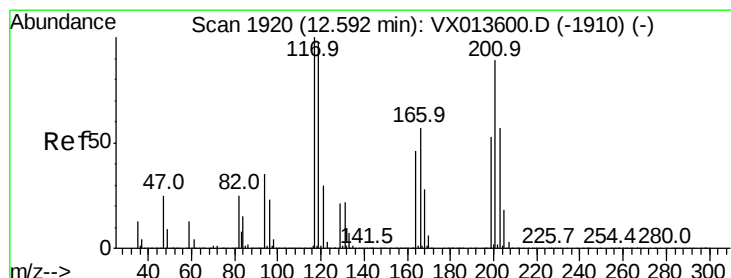
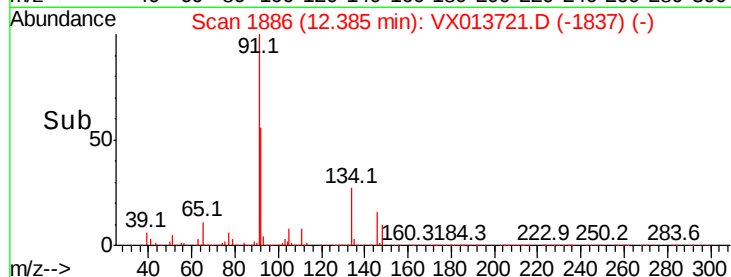
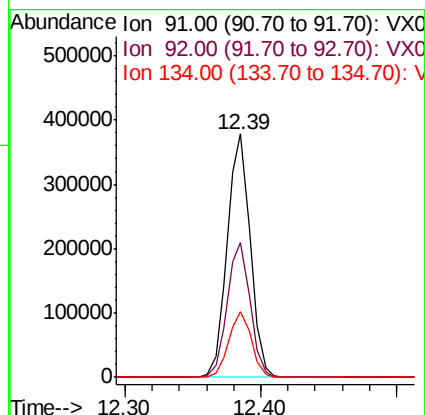
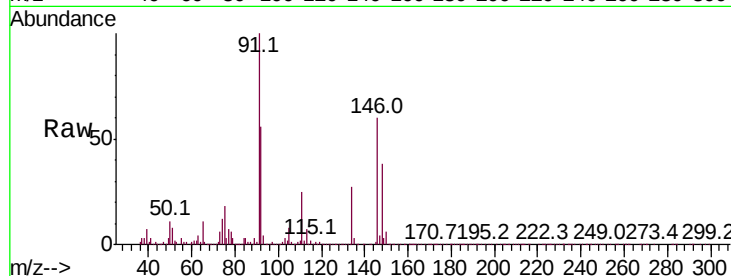
Tot Ion: 91 Resp: 443577

Ion Ratio Lower Upper

91 100

92 55.0 27.4 82.2

134 26.9 13.5 40.4



#90

Hexachloroethane

Concen: 19.302 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013721.D

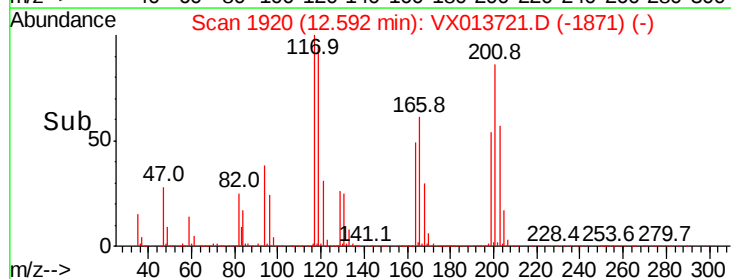
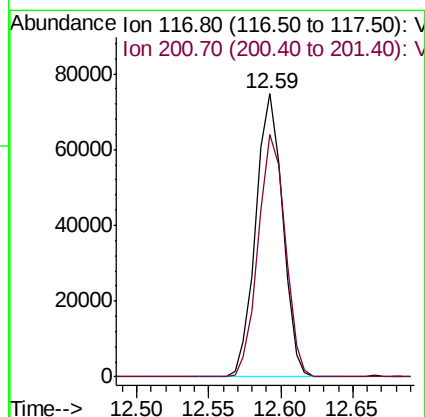
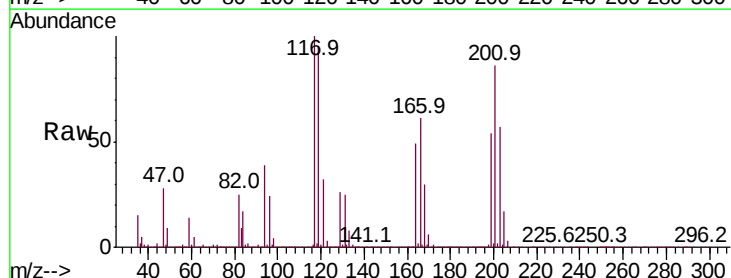
Acq: 03 Dec 2019 13:46

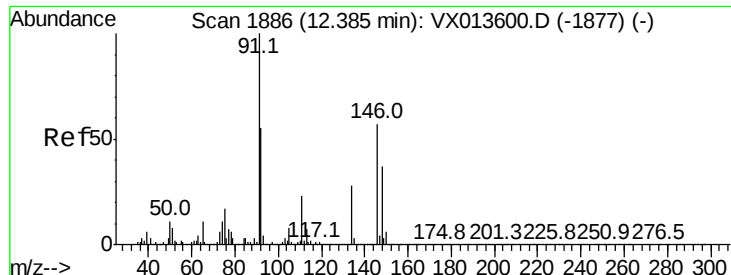
Tgt Ion: 117 Resp: 95734

Ion Ratio Lower Upper

117 100

201 87.1 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.515 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

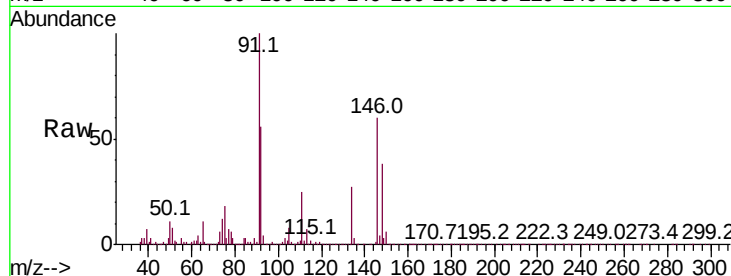
Tot Ion:146 Resp: 281499

Ion Ratio Lower Upper

146 100

111 40.8 19.6 58.7

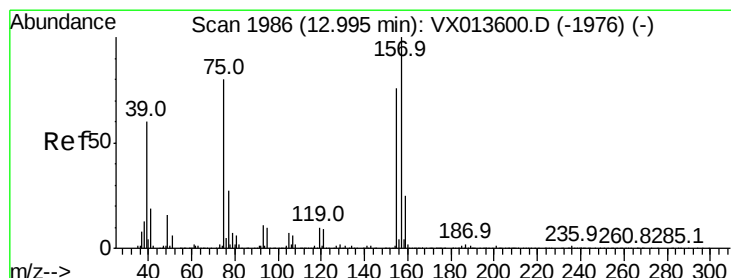
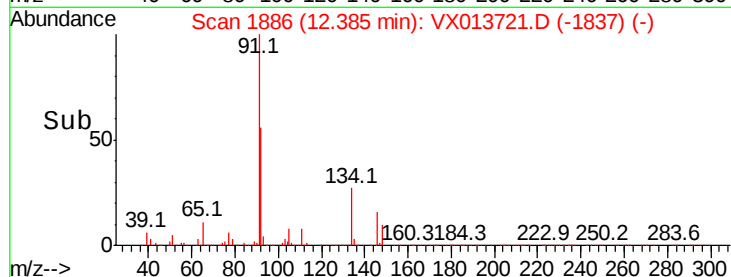
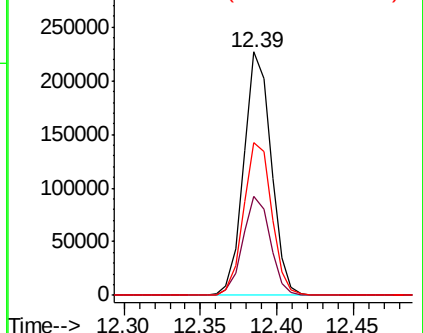
148 64.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.624 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

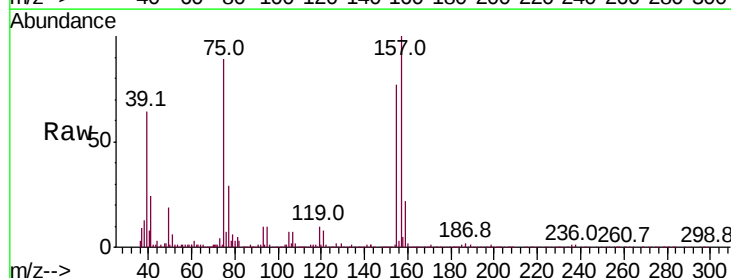
Tgt Ion: 75 Resp: 45946

Ion Ratio Lower Upper

75 100

155 97.1 47.6 142.8

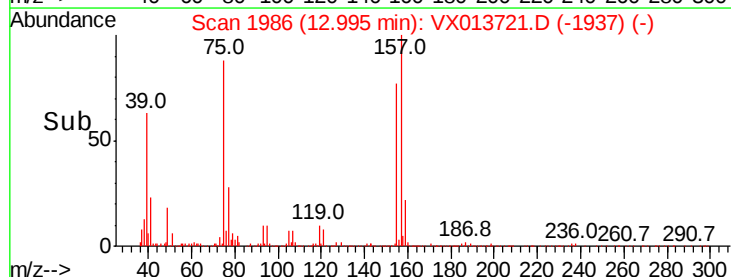
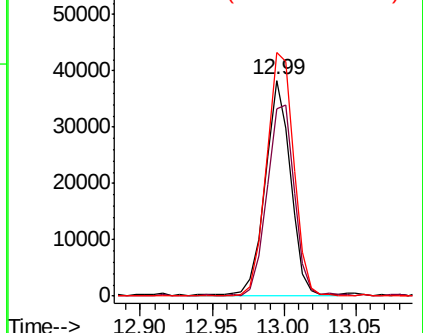
157 123.6 62.1 186.2

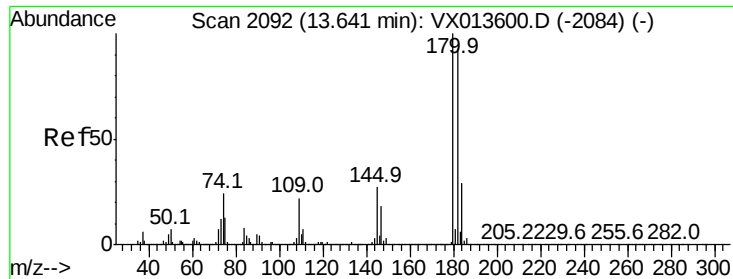


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.105 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

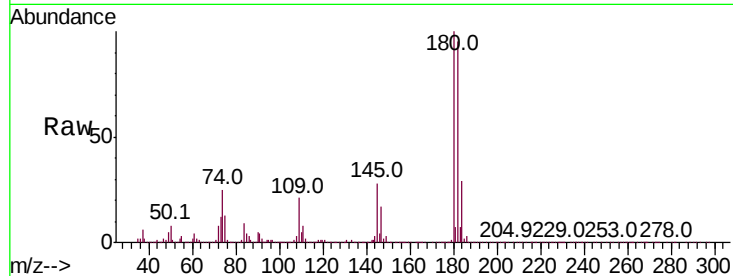
Tot Ion:180 Resp: 182009

Ion Ratio Lower Upper

180 100

182 94.3 47.2 141.6

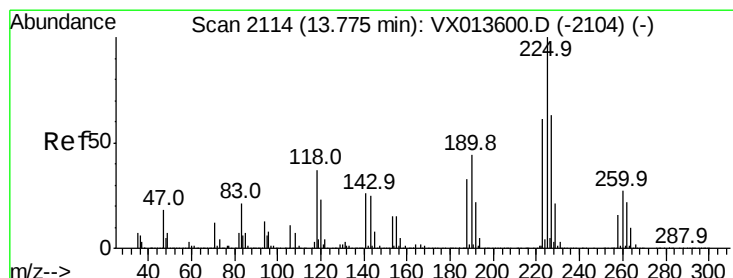
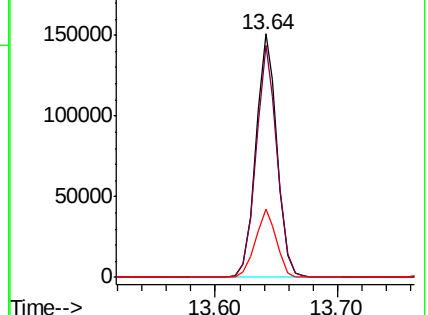
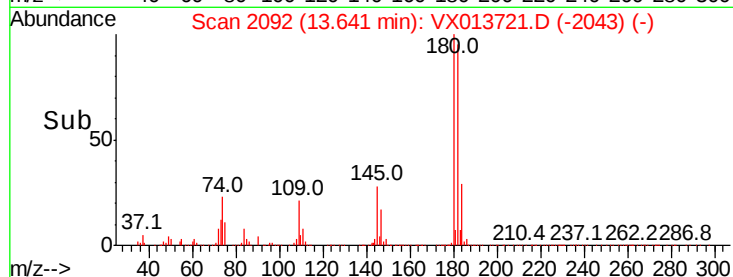
145 28.0 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.797 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

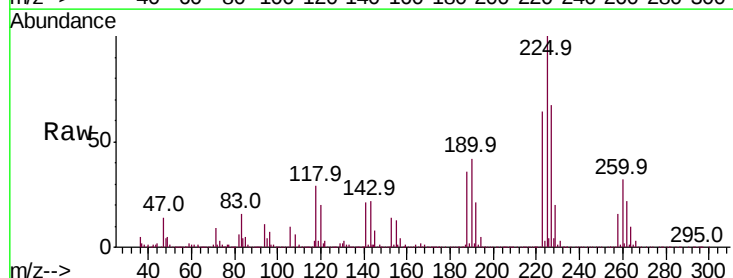
Tgt Ion:225 Resp: 85945

Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.5

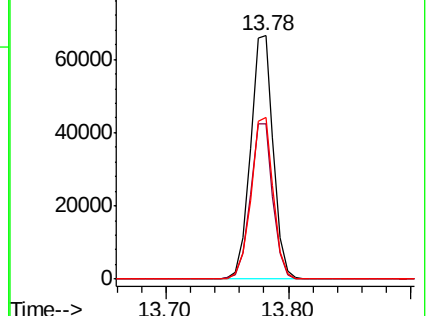
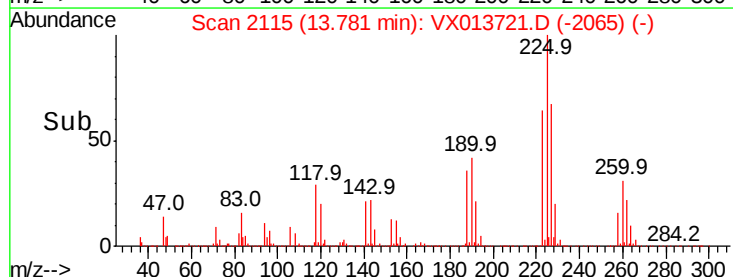
227 65.3 32.1 96.3

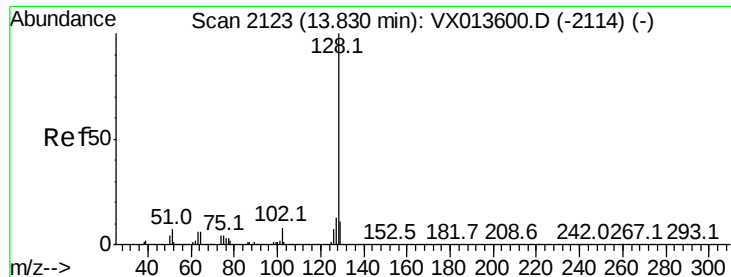


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.284 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

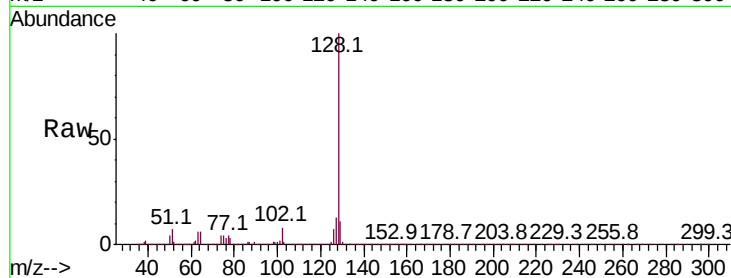
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 577342

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	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

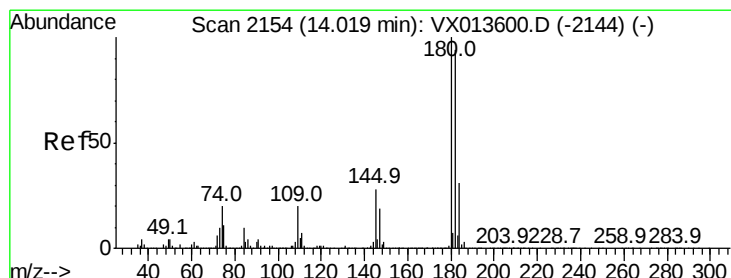
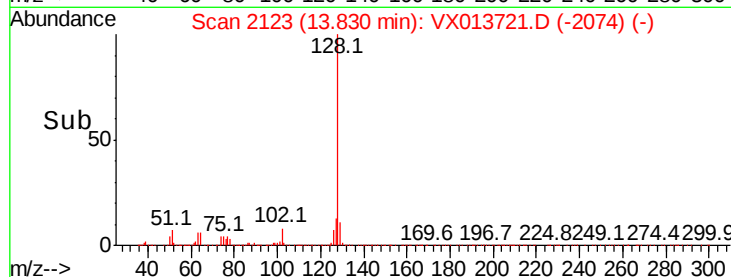
13.83

400000

200000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 18.753 ug/l

RT: 14.01 min Scan# 2153

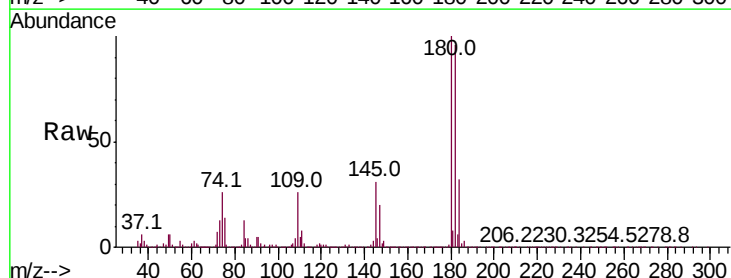
Delta R.T. -0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:180 Resp: 186666

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	30.7	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

14.01

150000

100000

50000

0

Time-->

