

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013607.D
 Acq On : 26 Nov 2019 18:33
 Operator : JC/SP
 Sample : VX1126WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 03:40:21 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	680070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1041428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	936123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	460800	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	386664	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
35) Dibromofluoromethane	5.49	113	317273	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
50) Toluene-d8	8.71	98	1239443	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	435513	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	154056	20.352	ug/l	98
3) Chloromethane	1.32	50	178778	21.049	ug/l	99
4) Vinyl Chloride	1.40	62	202865	21.221	ug/l	100
5) Bromomethane	1.63	94	119000	18.536	ug/l	97
6) Chloroethane	1.72	64	109338	20.099	ug/l	98
7) Trichlorofluoromethane	1.92	101	210961	19.874	ug/l	99
8) Diethyl Ether	2.18	74	101329	21.100	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127082	19.600	ug/l	99
10) Methyl Iodide	2.50	142	140311	17.889	ug/l	99
11) Tert butyl alcohol	3.03	59	174678	89.647	ug/l	97
12) 1,1-Dichloroethene	2.36	96	129569	20.020	ug/l	99
13) Acrolein	2.28	56	115007	92.140	ug/l	100
14) Allyl chloride	2.72	41	231679	19.726	ug/l	99
15) Acrylonitrile	3.13	53	403554	100.335	ug/l	99
16) Acetone	2.43	43	345338	88.607	ug/l	99
17) Carbon Disulfide	2.56	76	355705	19.280	ug/l	99
18) Methyl Acetate	2.76	43	238952	22.018	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	440087	20.526	ug/l	99
20) Methylene Chloride	2.85	84	156239	20.866	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	141970	20.136	ug/l	97
22) Diisopropyl ether	3.84	45	465686	20.591	ug/l	95
23) Vinyl Acetate	3.80	43	1887858	100.344	ug/l	100
24) 1,1-Dichloroethane	3.69	63	250690	20.277	ug/l	99
25) 2-Butanone	4.66	43	571129	98.602	ug/l	98
26) 2,2-Dichloropropane	4.57	77	201928	19.741	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	161582	19.956	ug/l	98
28) Bromochloromethane	5.00	49	97317	19.911	ug/l	99
29) Tetrahydrofuran	5.11	42	374776	104.957	ug/l	100
30) Chloroform	5.20	83	247943	19.775	ug/l	99
31) Cyclohexane	5.58	56	229077	19.645	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	208087	19.860	ug/l	99
36) 1,1-Dichloropropene	5.79	75	189076	20.000	ug/l	99
37) Ethyl Acetate	4.82	43	220227	20.765	ug/l	99
38) Carbon Tetrachloride	5.78	117	177088	20.315	ug/l	98

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Instrument :
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 ClientSampleId :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232211	19.872	ug/l	97
40) Benzene	6.14	78	572837	19.895	ug/l	99
41) Methacrylonitrile	5.03	41	120352	20.692	ug/l	99
42) 1,2-Dichloroethane	6.19	62	201994	20.571	ug/l	98
43) Isopropyl Acetate	6.44	43	355726	20.374	ug/l	99
44) Trichloroethene	7.21	130	158944	20.114	ug/l	96
45) 1,2-Dichloropropane	7.51	63	144989	20.127	ug/l	98
46) Dibromomethane	7.65	93	94846	19.385	ug/l	97
47) Bromodichloromethane	7.89	83	185636	20.070	ug/l	98
48) Methyl methacrylate	7.76	41	175296	20.664	ug/l	98
49) 1,4-Dioxane	7.73	88	71384	375.922	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1126532	102.573	ug/l	100
52) Toluene	8.78	92	360475	20.153	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	204741	19.447	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	232537	20.217	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	146160	20.277	ug/l	95
56) Ethyl methacrylate	9.17	69	232135	20.031	ug/l	99
57) 1,3-Dichloropropane	9.37	76	250255	20.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	456165	100.395	ug/l	99
59) 2-Hexanone	9.48	43	854481	99.756	ug/l	99
60) Dibromochloromethane	9.57	129	150190	20.077	ug/l	99
61) 1,2-Dibromoethane	9.67	107	155150	20.153	ug/l	98
64) Tetrachloroethene	9.33	164	154792	22.173	ug/l	98
65) Chlorobenzene	10.14	112	385180	19.818	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	141512	20.276	ug/l	99
67) Ethyl Benzene	10.25	91	682467	20.434	ug/l	99
68) m/p-Xylenes	10.36	106	517579	40.478	ug/l	100
69) o-Xylene	10.70	106	250776	20.109	ug/l	98
70) Styrene	10.71	104	424926	20.256	ug/l	100
71) Bromoform	10.86	173	113583	19.669	ug/l #	98
73) Isopropylbenzene	11.01	105	666339	20.615	ug/l	100
74) N-amyl acetate	10.89	43	302278	20.415	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	226496	20.206	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	253726	24.481	ug/l	89
77) Bromobenzene	11.25	156	174729	20.010	ug/l	99
78) n-propylbenzene	11.35	91	745546	20.662	ug/l	100
79) 2-Chlorotoluene	11.42	91	443381	20.484	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	550968	20.798	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	73011	19.273	ug/l	98
82) 4-Chlorotoluene	11.51	91	507334	20.237	ug/l	99
83) tert-Butylbenzene	11.76	119	546839	20.311	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	558249	20.763	ug/l	100
85) sec-Butylbenzene	11.94	105	640291	20.821	ug/l	100
86) p-Isopropyltoluene	12.06	119	589212	20.595	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	308122	20.242	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	302247	19.494	ug/l	98
89) n-Butylbenzene	12.39	91	499580	20.474	ug/l	100
90) Hexachloroethane	12.59	117	98260	19.002	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	305881	20.338	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	50949	20.872	ug/l	97

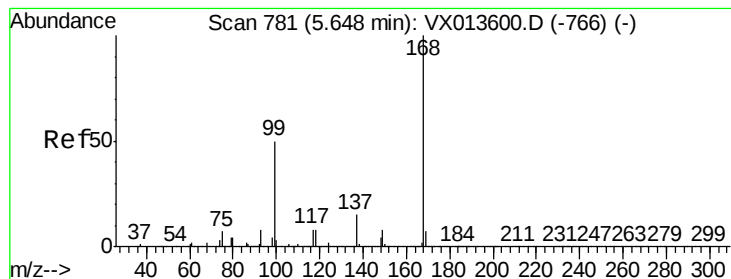
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	208030	19.847	ug/l	98
94) Hexachlorobutadiene	13.78	225	97204	19.305	ug/l	100
95) Naphthalene	13.83	128	643146	20.604	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	210933	20.325	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

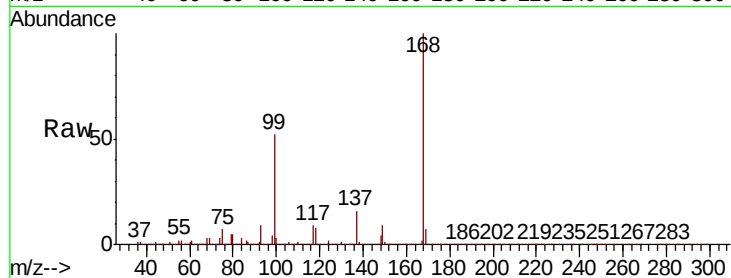
ClientSampled :

Tot Ion:168 Resp: 680070

Ion Ratio Lower Upper

168 100

99 52.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

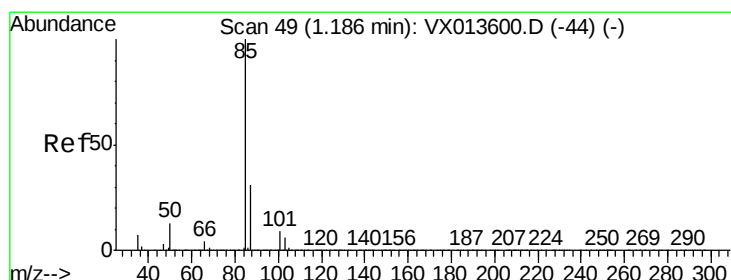
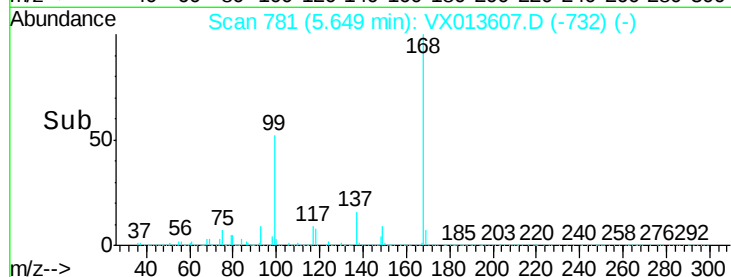
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.352 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013607.D

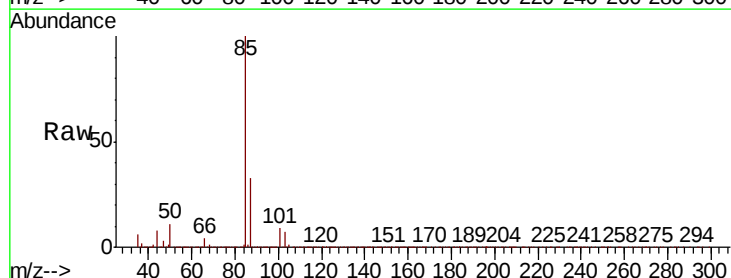
Acq: 26 Nov 2019 18:33

Tgt Ion: 85 Resp: 154056

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

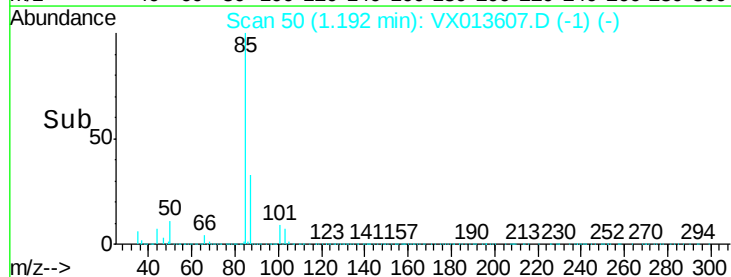
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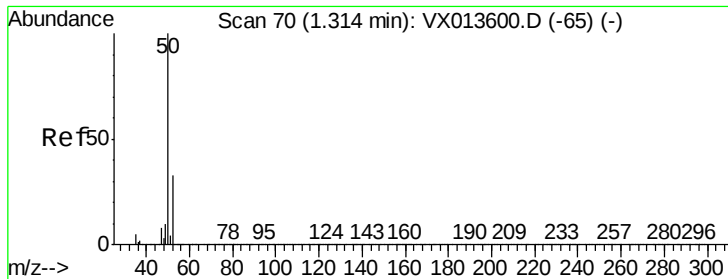
100000

50000

0

Time-->





#3

Chloromethane

Concen: 21.049 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

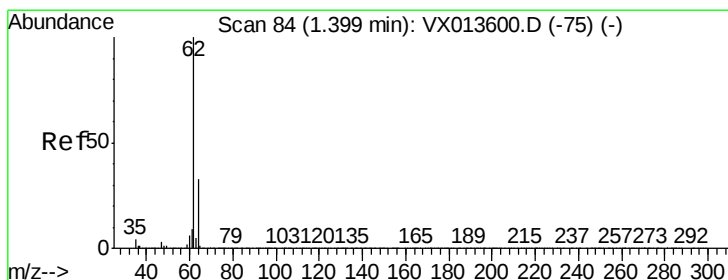
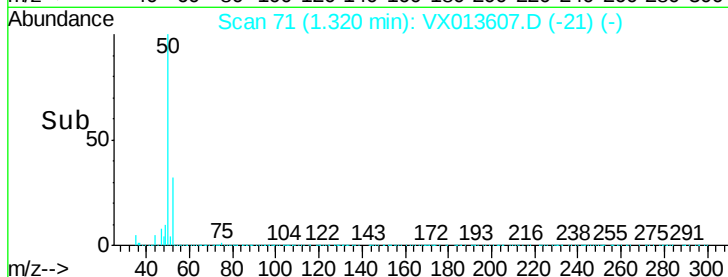
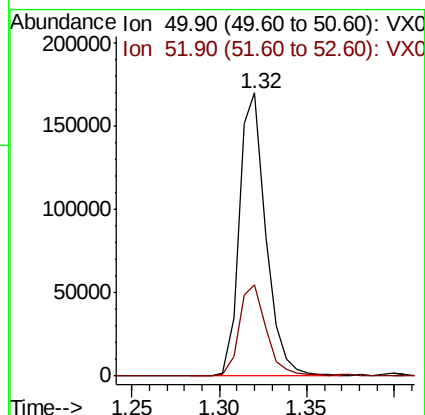
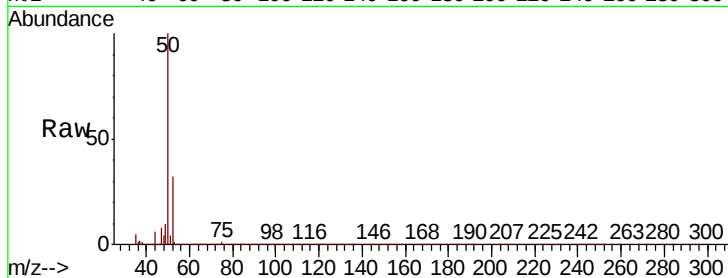
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 178778

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 21.221 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013607.D

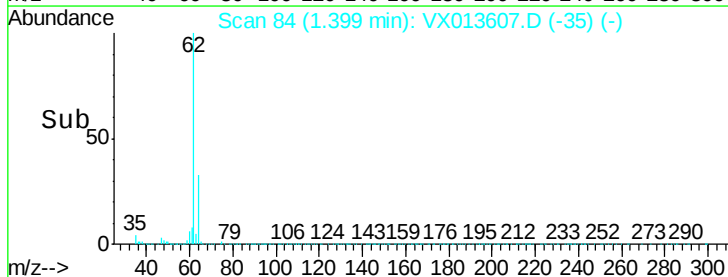
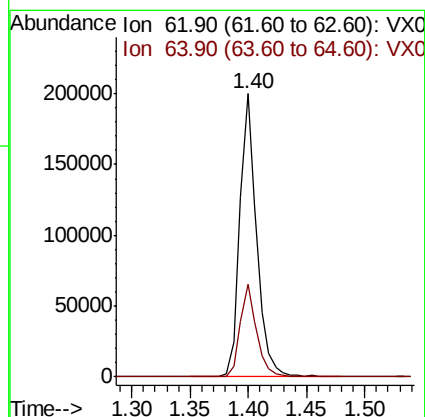
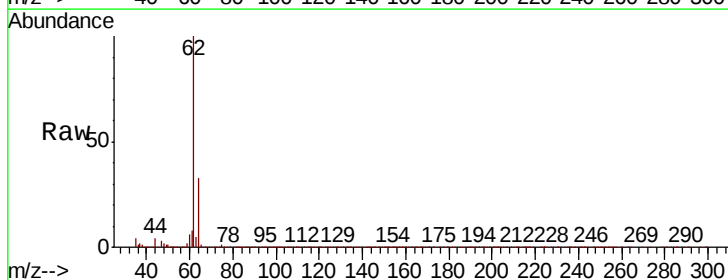
Acq: 26 Nov 2019 18:33

Tgt Ion: 62 Resp: 202865

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 18.536 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

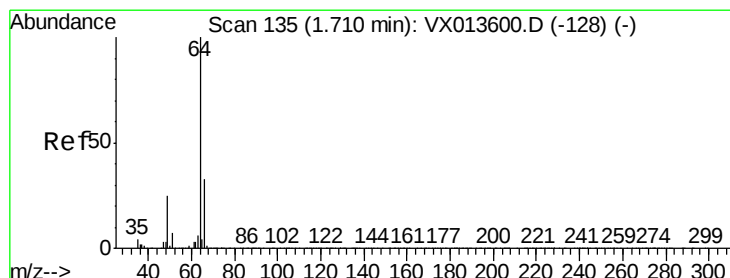
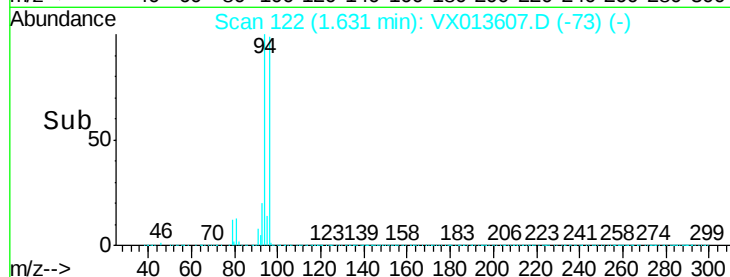
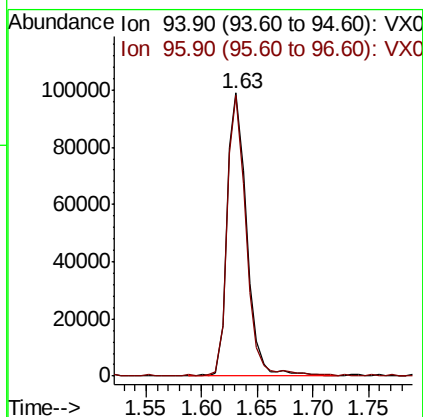
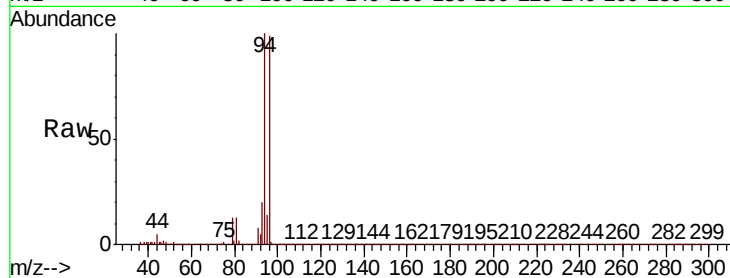
ClientSampled :

Tot Ion: 94 Resp: 119000

Ion Ratio Lower Upper

94 100

96 99.3 77.0 115.4



#6

Chloroethane

Concen: 20.099 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013607.D

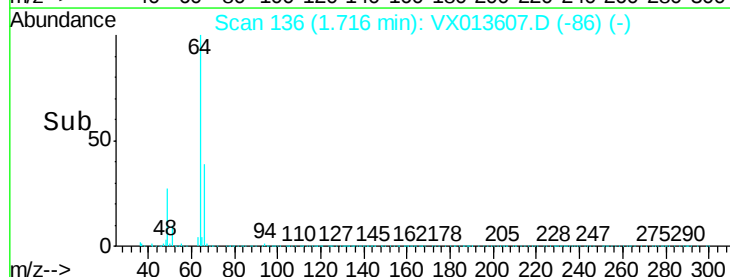
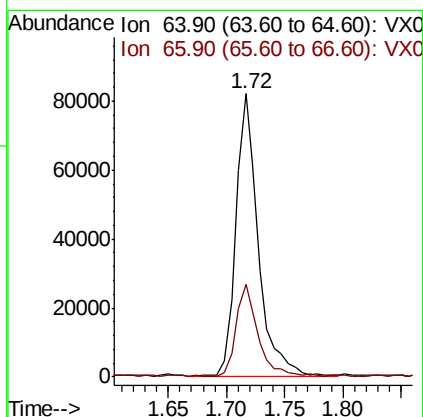
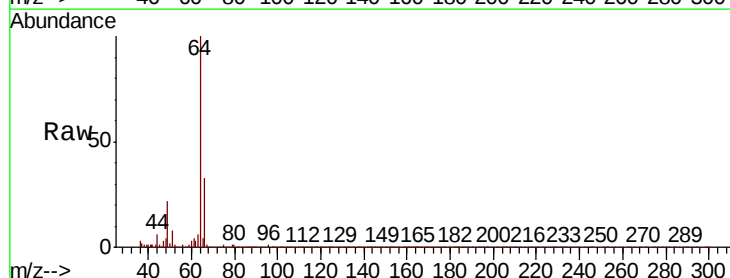
Acq: 26 Nov 2019 18:33

Tgt Ion: 64 Resp: 109338

Ion Ratio Lower Upper

64 100

66 32.4 26.7 40.1



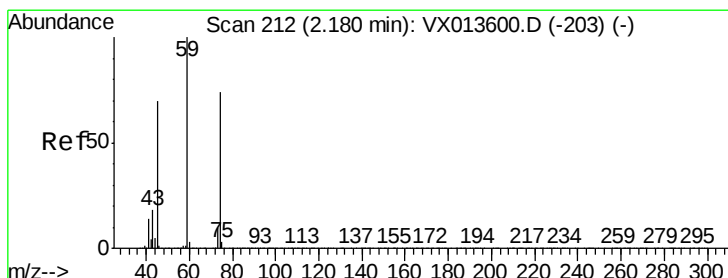
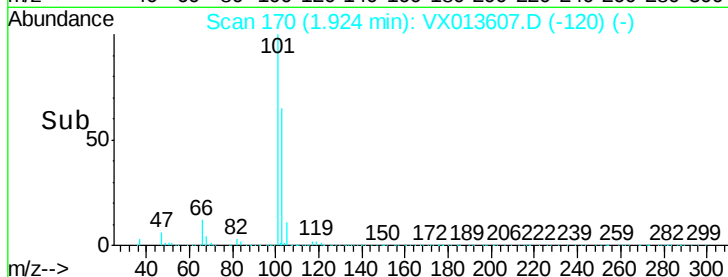
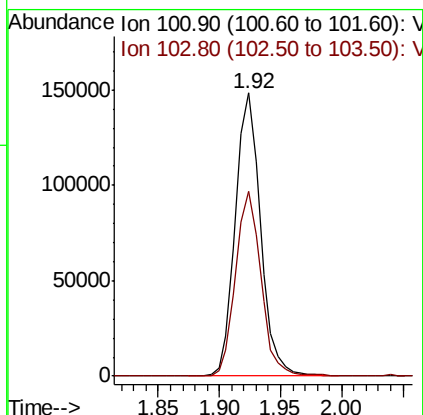
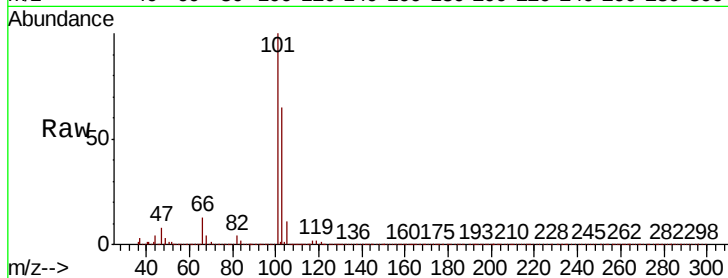


#7

Trichlorofluoromethane
Concen: 19.874 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :

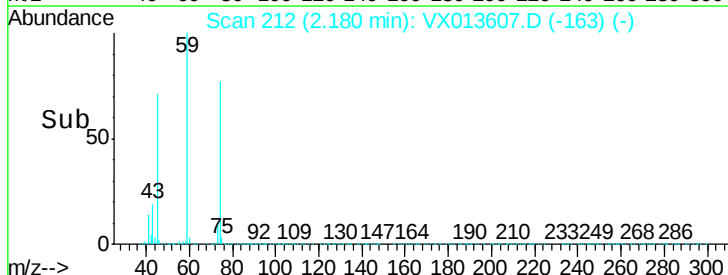
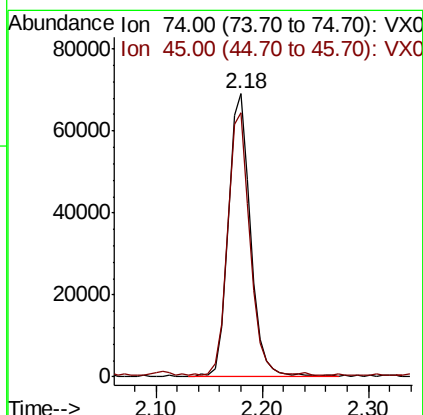
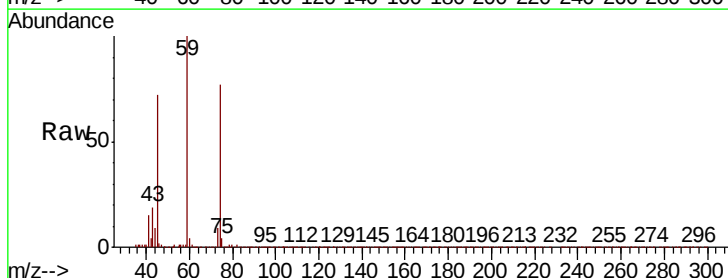
Tot Ion:101 Resp: 210961
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

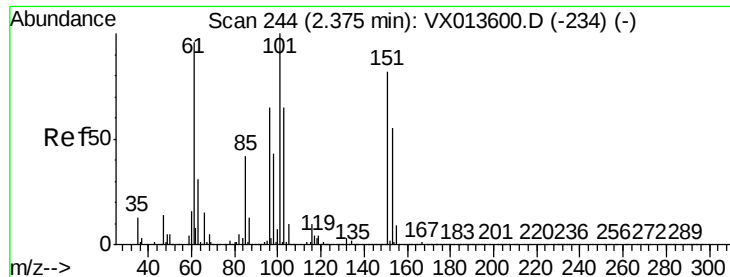


#8

Diethyl Ether
Concen: 21.100 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion: 74 Resp: 101329
Ion Ratio Lower Upper
74 100
45 91.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.600 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

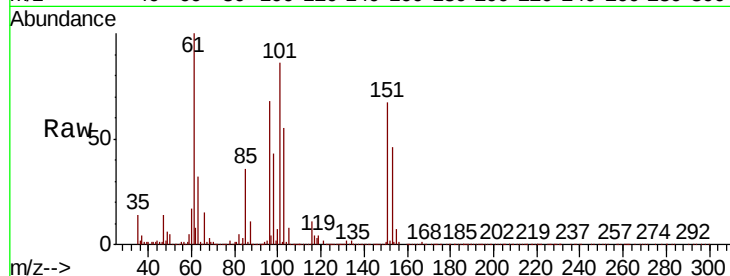
Tot Ion:101 Resp: 127082

Ion Ratio Lower Upper

101 100

85 42.7 33.9 50.9

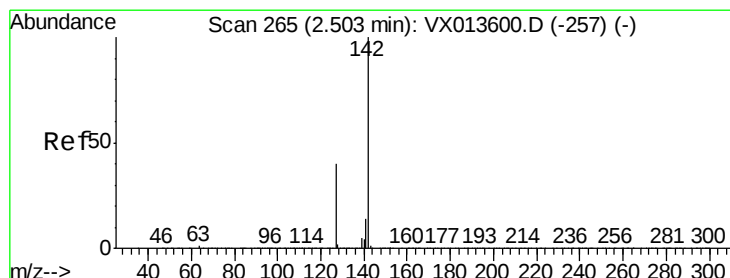
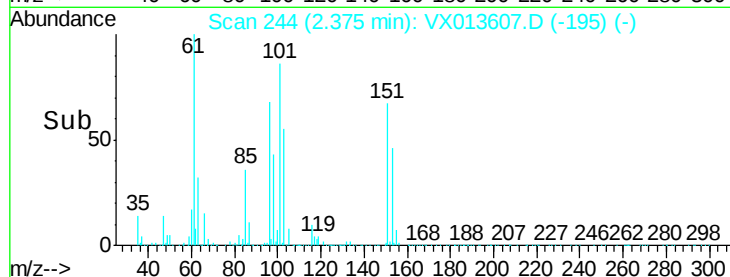
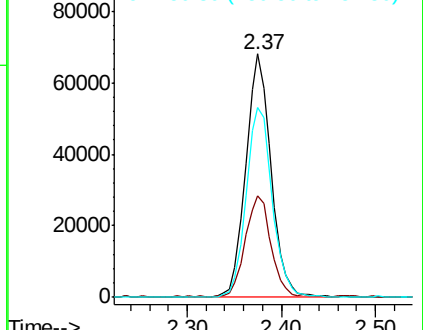
151 81.5 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.889 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

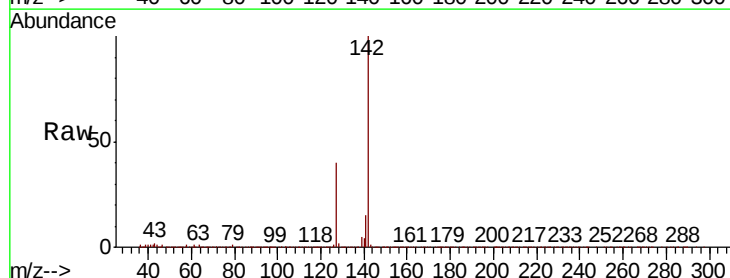
Tgt Ion:142 Resp: 140311

Ion Ratio Lower Upper

142 100

127 39.1 31.0 46.4

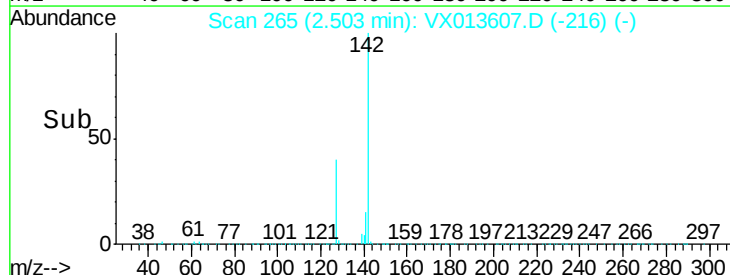
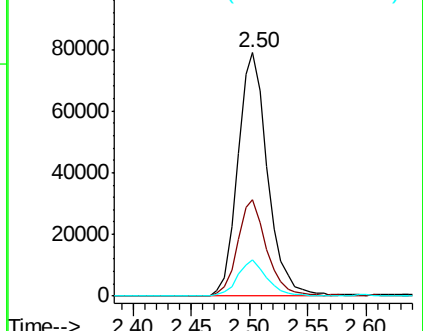
141 14.3 11.6 17.4

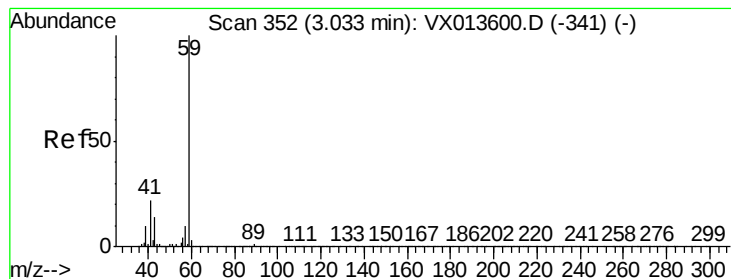


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



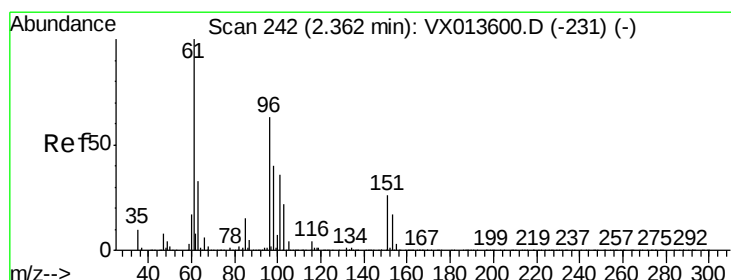
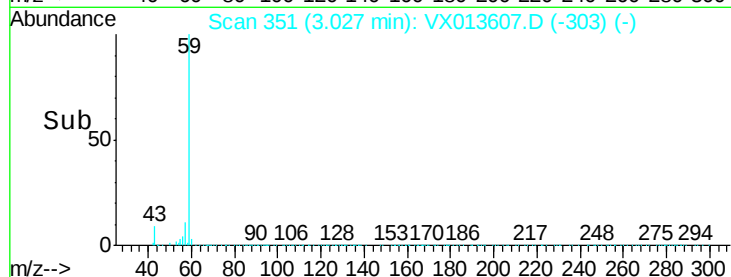
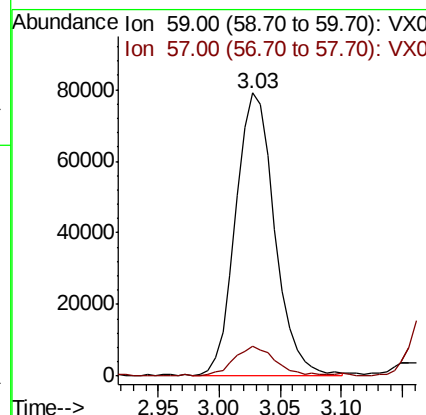
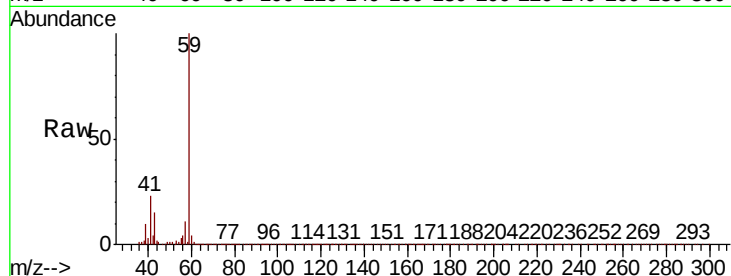


#11

Tert butyl alcohol
Concen: 89.647 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :

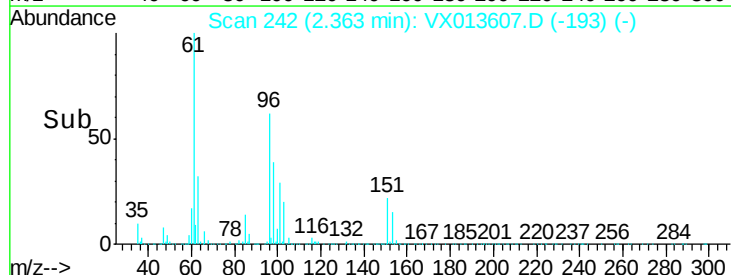
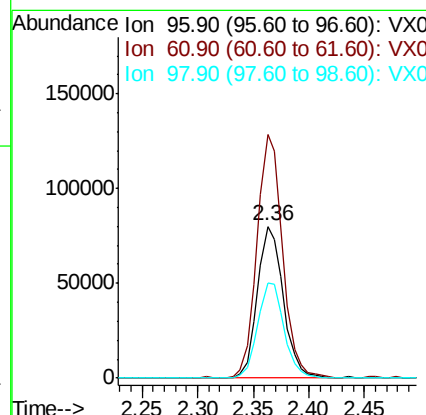
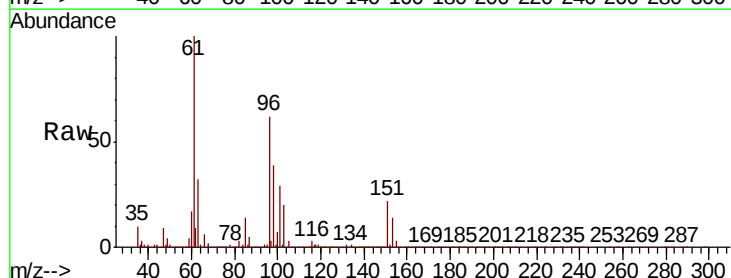
Tot Ion: 59 Resp: 174678
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.6

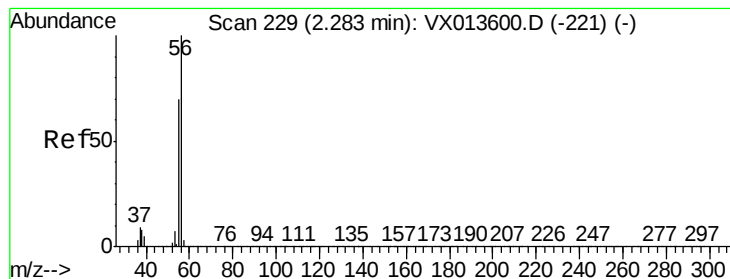


#12

1,1-Dichloroethene
Concen: 20.020 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion: 96 Resp: 129569
Ion Ratio Lower Upper
96 100
61 160.2 126.6 190.0
98 62.1 50.6 76.0





#13

Acrolein

Concen: 92.140 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

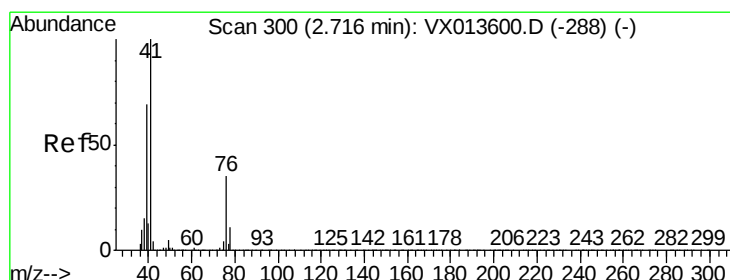
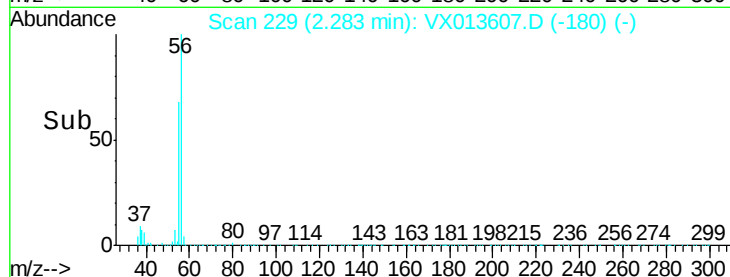
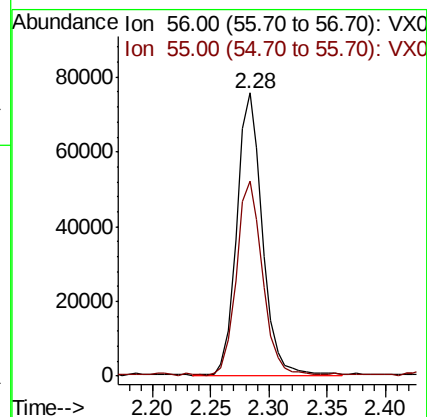
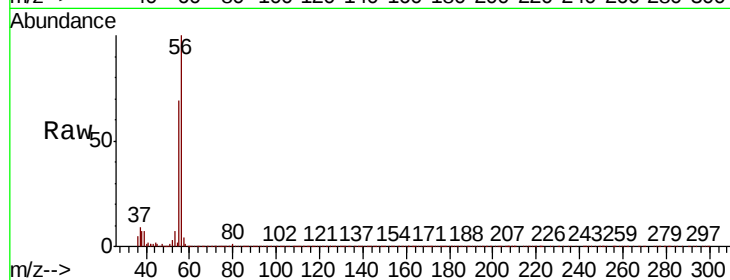
ClientSampleId :

Tot Ion: 56 Resp: 115007

Ion Ratio Lower Upper

56 100

55 70.4 56.2 84.4



#14

Allyl chloride

Concen: 19.726 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

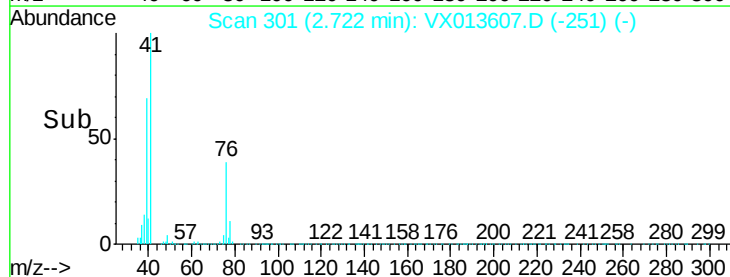
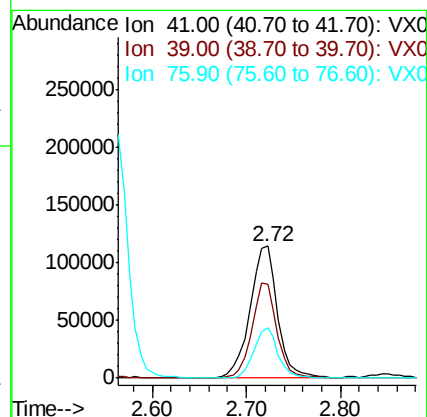
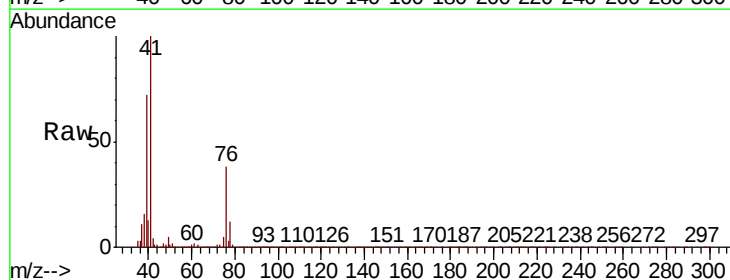
Tgt Ion: 41 Resp: 231679

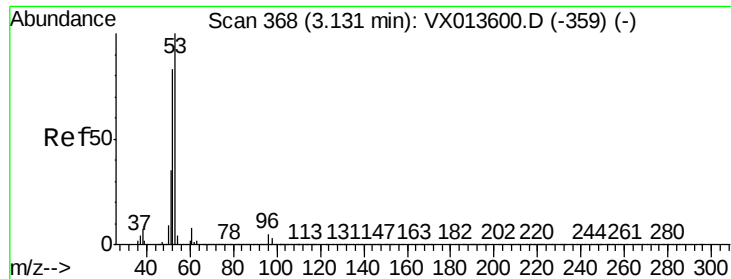
Ion Ratio Lower Upper

41 100

39 65.1 51.7 77.5

76 32.8 25.9 38.9

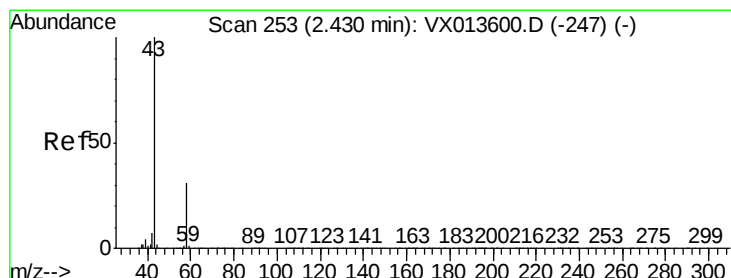
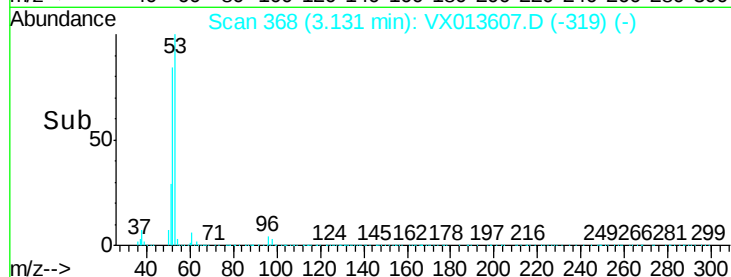
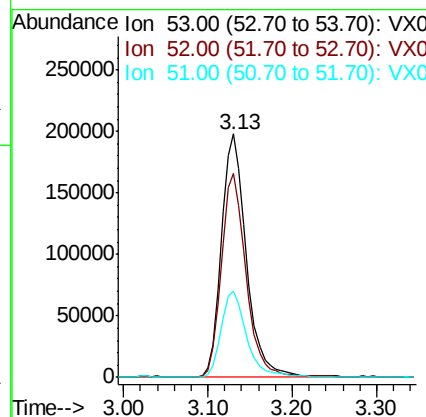
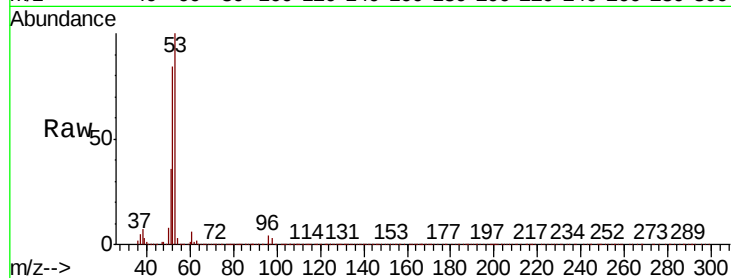




#15
 Acrylonitrile
 Concen: 100.335 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

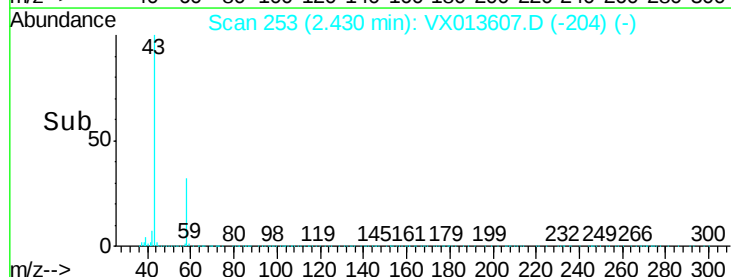
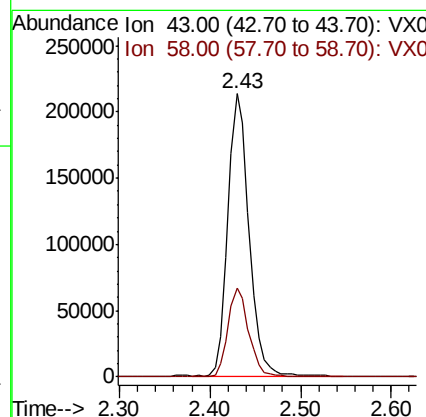
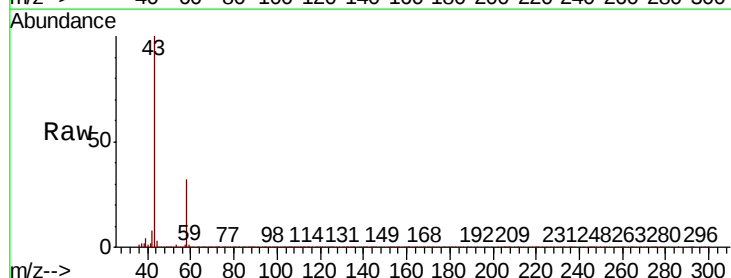
Instrument :
 MSVOA_X
 ClientSampleId :

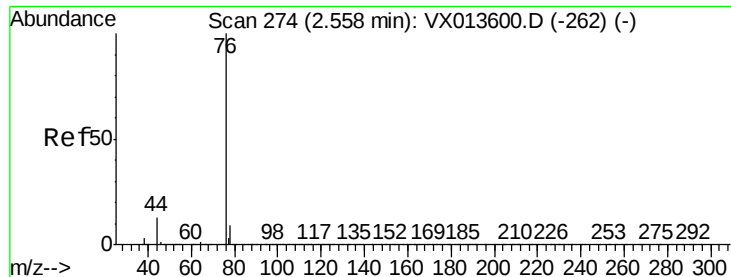
Tot Ion	53	Resp	403554
Ion Ratio	100	Lower	Upper
52	83.1	66.2	99.2
51	35.9	29.0	43.6



#16
 Acetone
 Concen: 88.607 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

Tgt Ion	43	Resp	345338
Ion Ratio	100	Lower	Upper
58	31.5	24.6	36.8





#17

Carbon Disulfide

Concen: 19.280 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

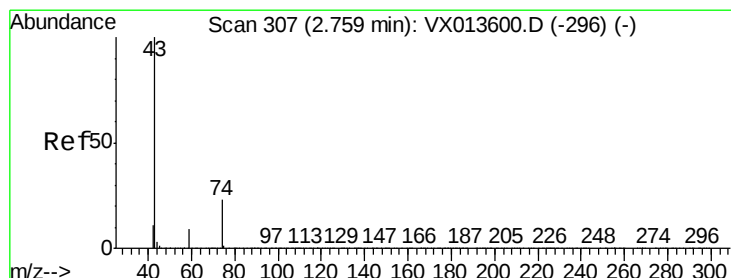
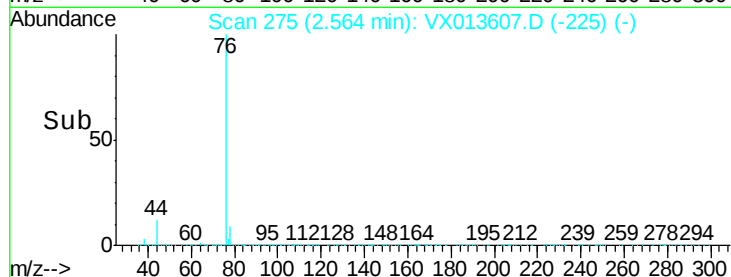
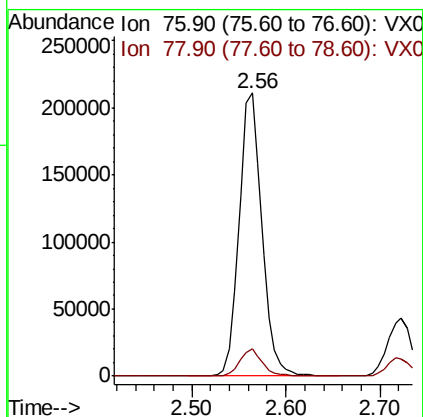
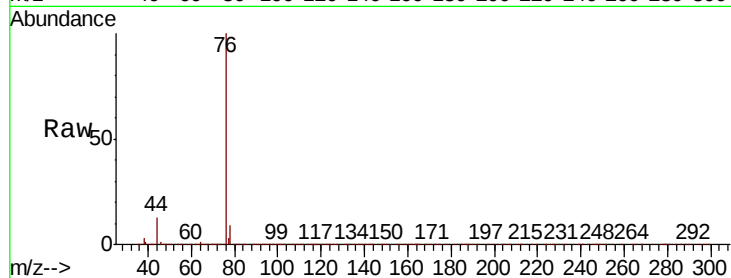
ClientSampleId :

Tot Ion: 76 Resp: 355705

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 22.018 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013607.D

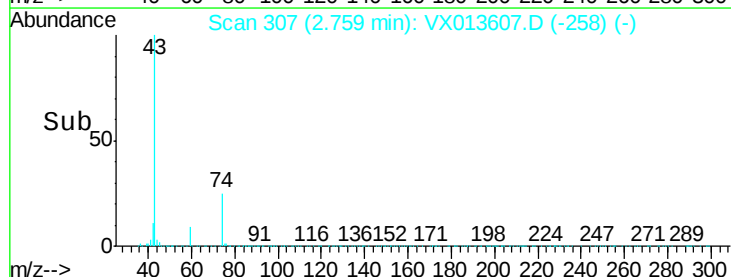
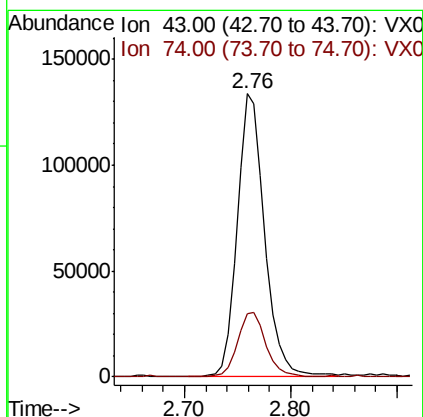
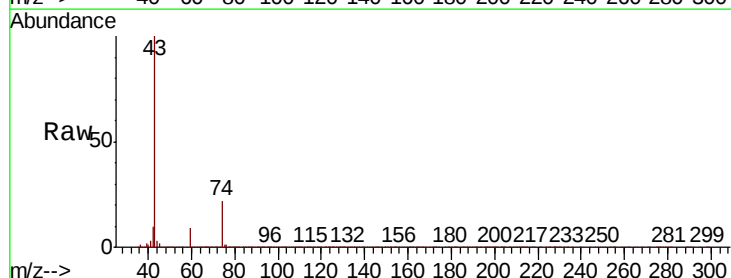
Acq: 26 Nov 2019 18:33

Tgt Ion: 43 Resp: 238952

Ion Ratio Lower Upper

43 100

74 24.0 19.5 29.3



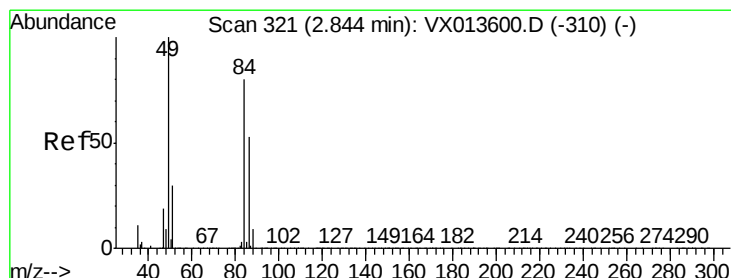
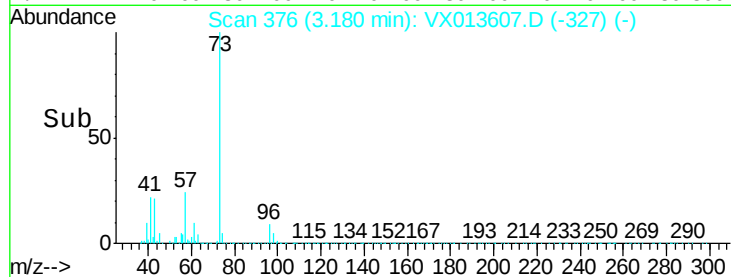
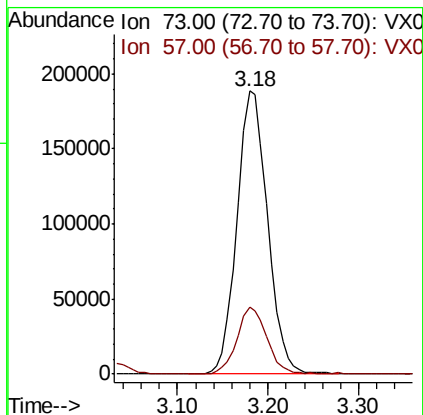
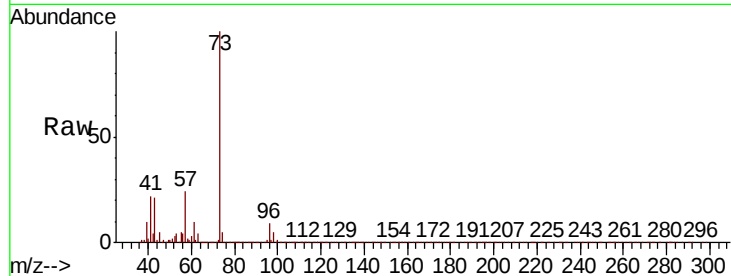


#19

Methyl tert-butyl Ether
 Concen: 20.526 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :

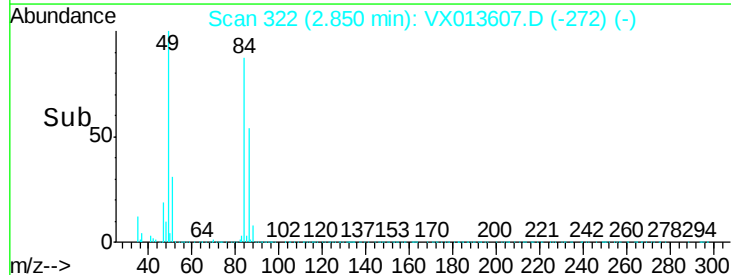
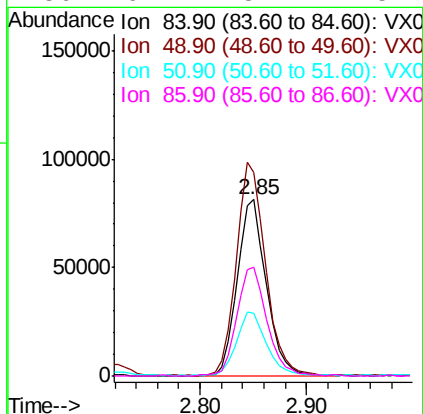
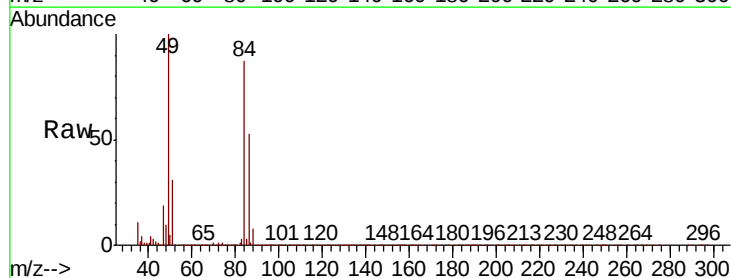
Tot Ion: 73 Resp: 440087
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.3 27.5

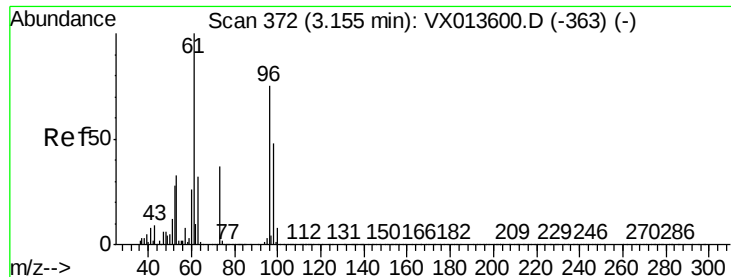


#20

Methylene Chloride
 Concen: 20.866 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

Tgt Ion: 84 Resp: 156239
 Ion Ratio Lower Upper
 84 100
 49 114.7 99.7 149.5
 51 35.4 29.9 44.9
 86 61.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.136 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :
MSVOA_X
ClientSampled :

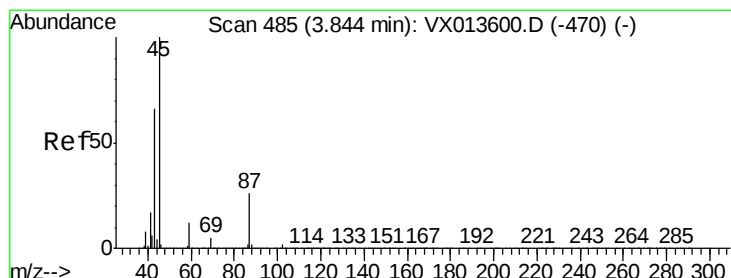
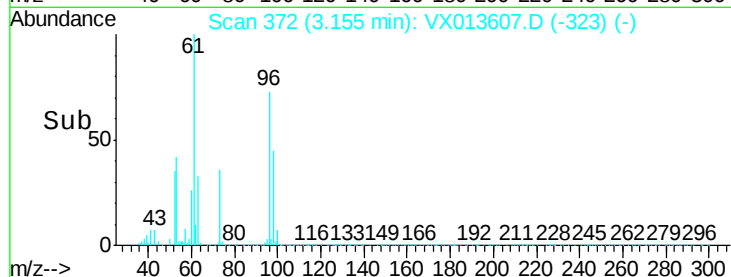
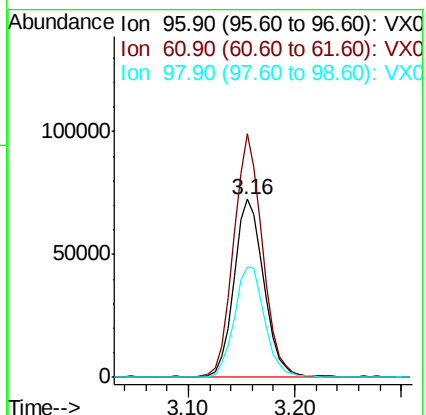
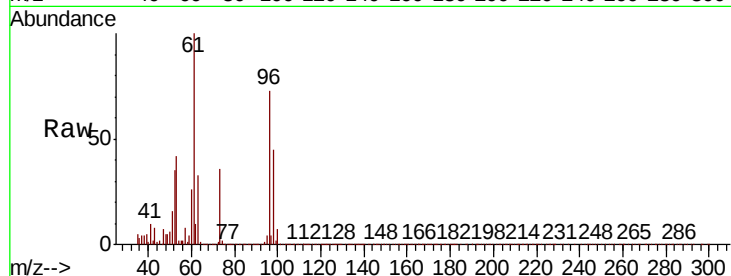
Tot Ion: 96 Resp: 141970

Ion Ratio Lower Upper

96 100

61 136.6 107.2 160.8

98 61.5 51.4 77.0



#22

Diisopropyl ether

Concen: 20.591 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Tgt Ion: 45 Resp: 465686

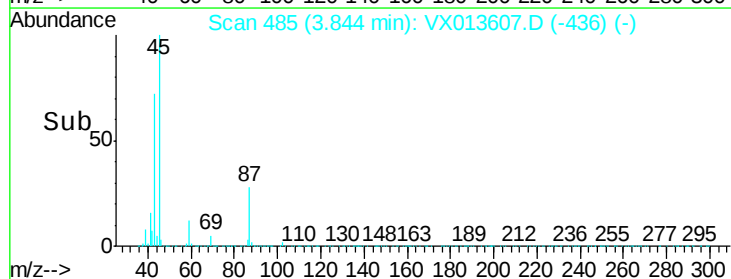
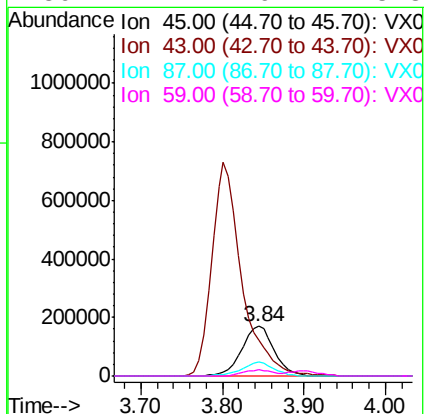
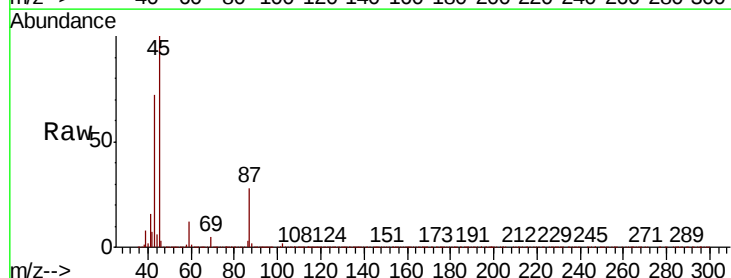
Ion Ratio Lower Upper

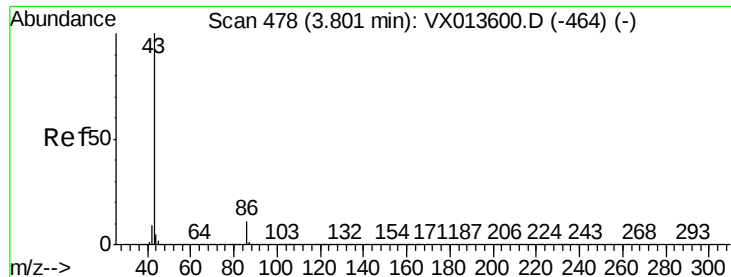
45 100

43 70.9 52.6 79.0

87 27.6 21.1 31.7

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 100.344 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

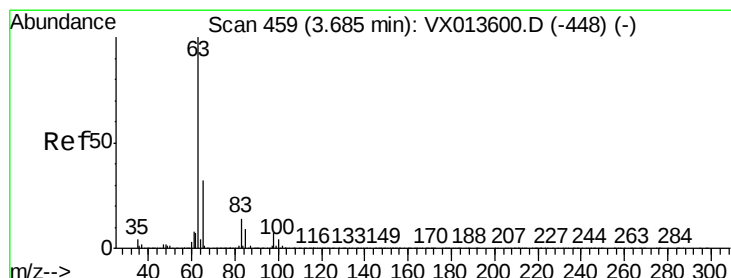
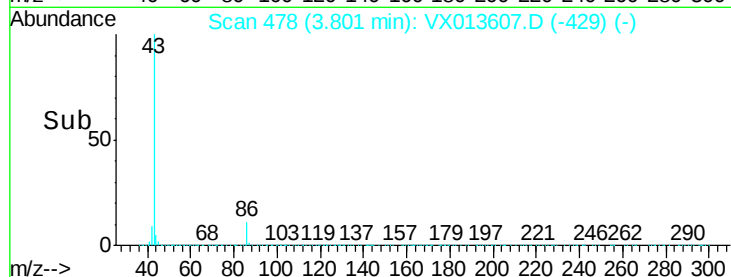
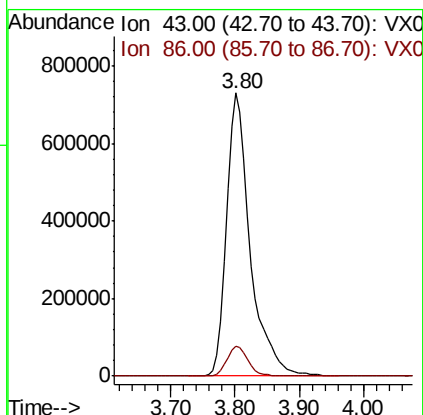
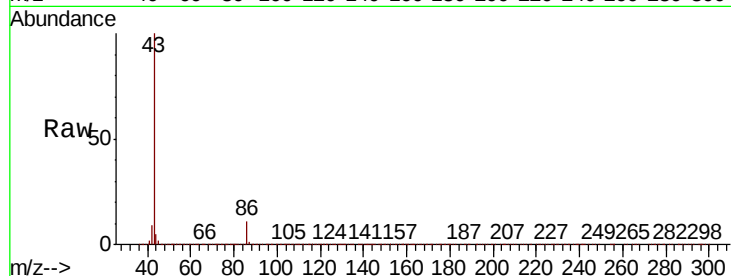
ClientSampleId :

Tot Ion: 43 Resp: 1887858

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.277 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

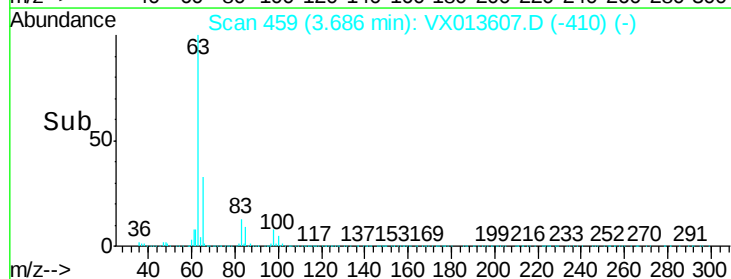
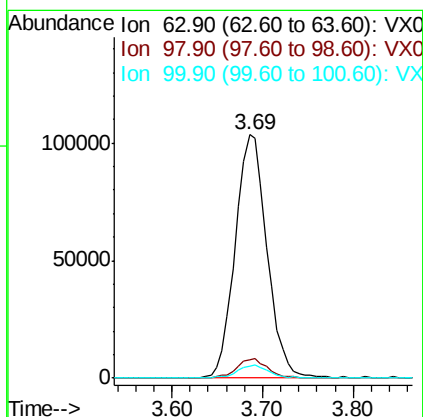
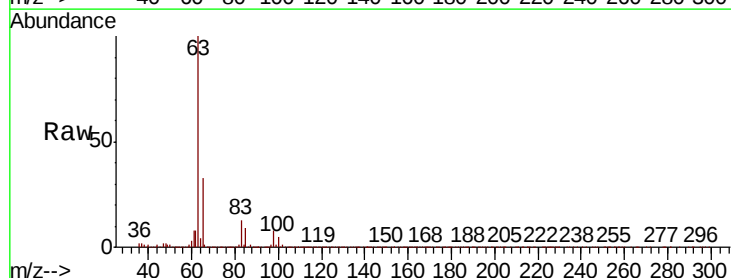
Tgt Ion: 63 Resp: 250690

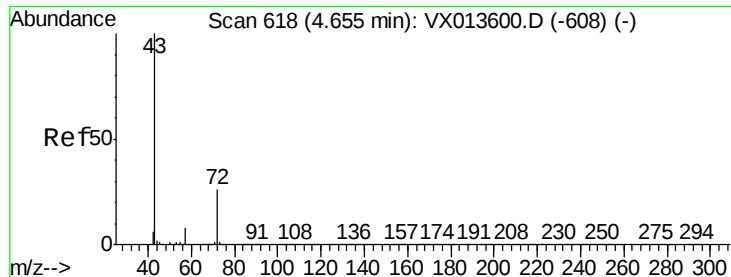
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 98.602 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

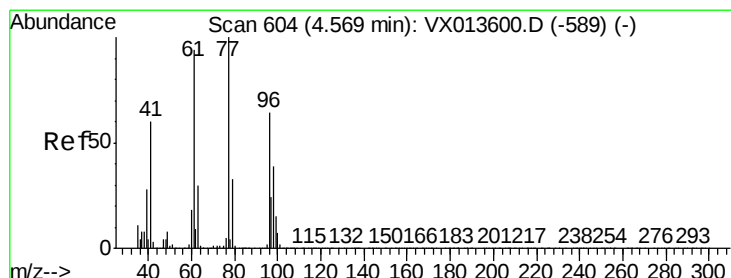
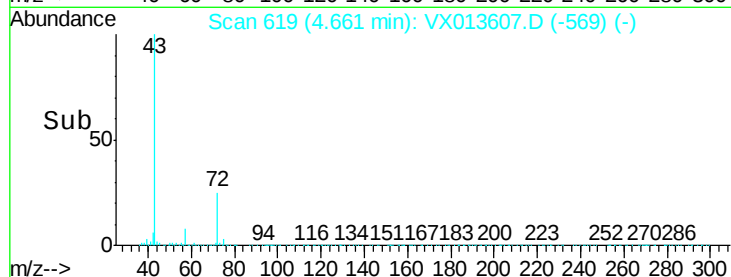
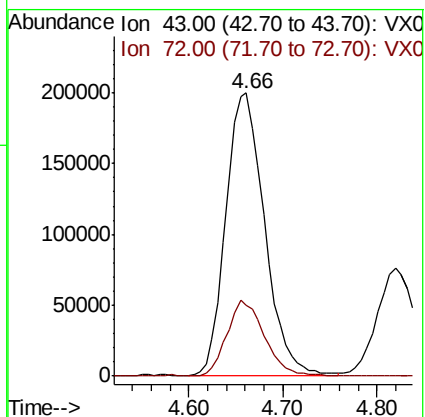
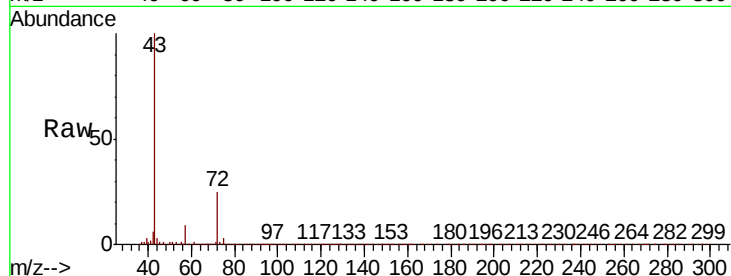
ClientSampled :

Tot Ion: 43 Resp: 571129

Ion Ratio Lower Upper

43 100

72 25.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.741 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013607.D

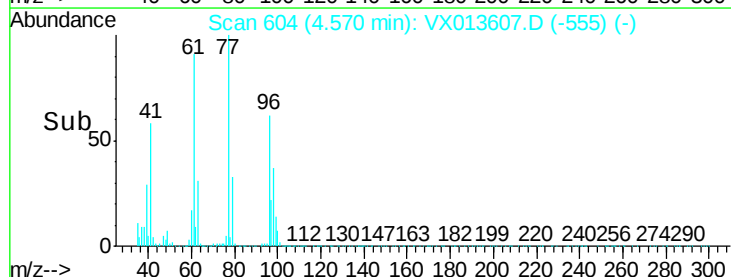
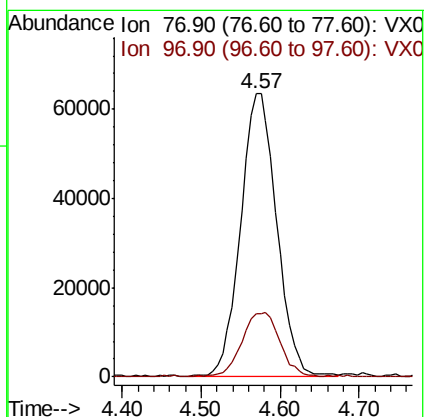
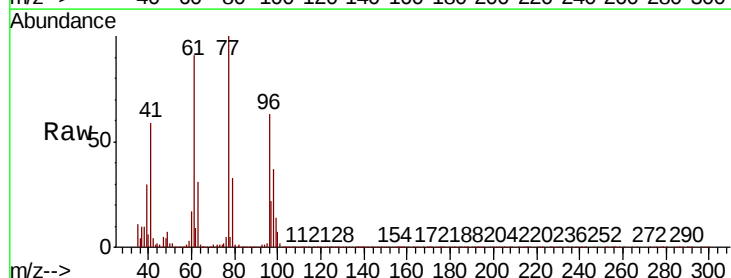
Acq: 26 Nov 2019 18:33

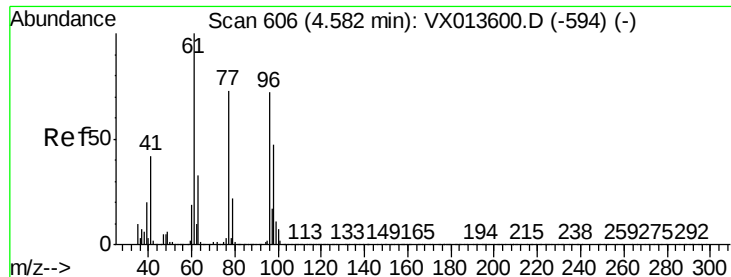
Tgt Ion: 77 Resp: 201928

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1



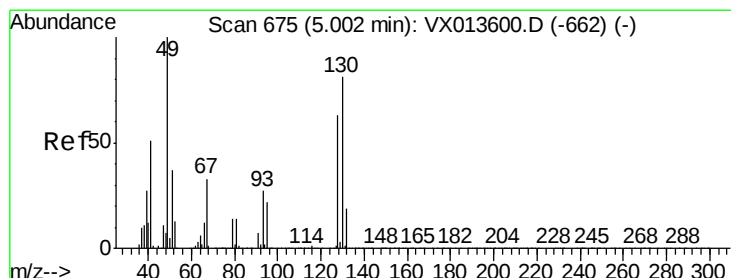
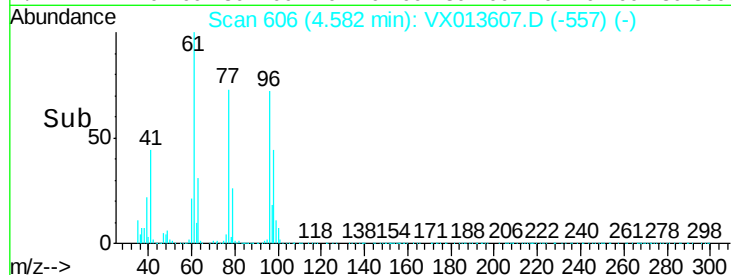
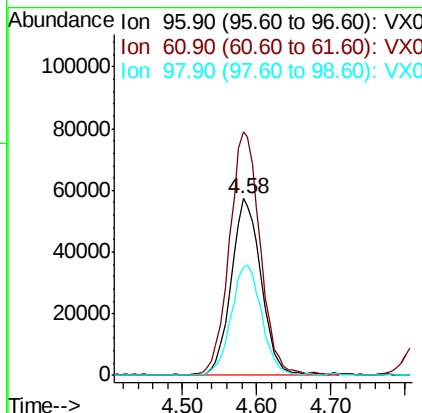
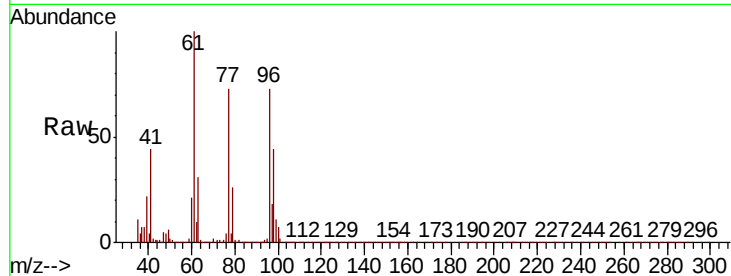


#27

cis-1,2-Dichloroethene
Concen: 19.956 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Instrument :
MSVOA_X
ClientSampled :

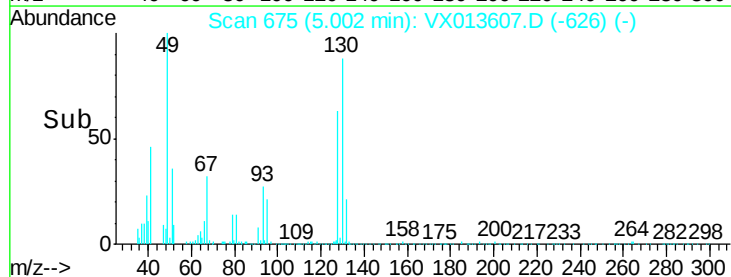
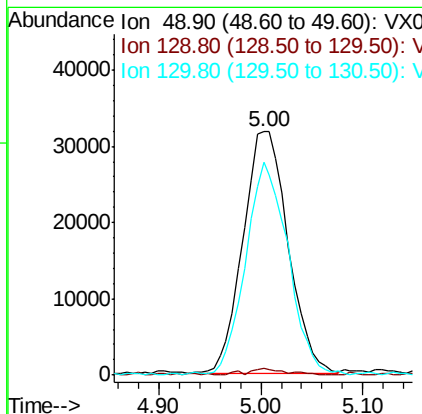
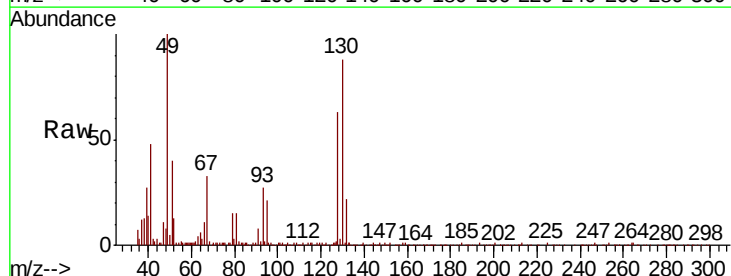
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	286.4
98	62.6	0.0	127.4

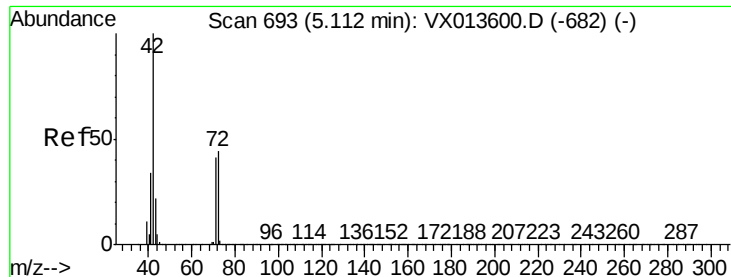


#28

Bromochloromethane
Concen: 19.911 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	82.5	65.4	98.0





#29

Tetrahydrofuran

Concen: 104.957 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

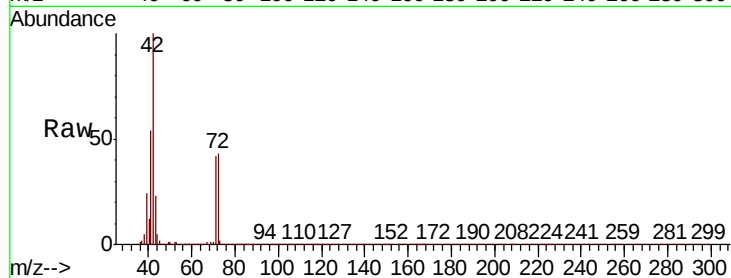
Tot Ion: 42 Resp: 374776

Ion Ratio Lower Upper

42 100

72 45.1 36.3 54.5

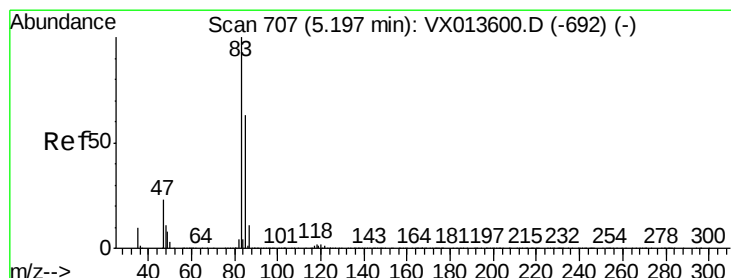
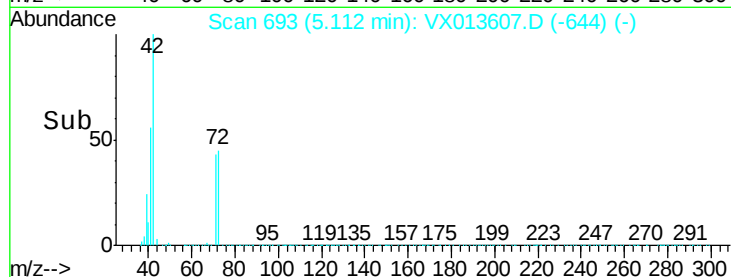
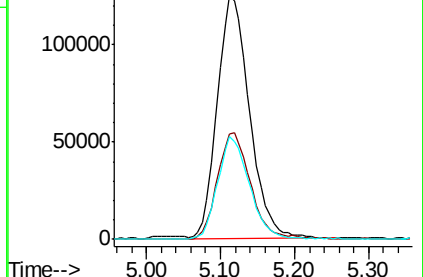
71 41.5 33.2 49.8



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: 19.775 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013607.D

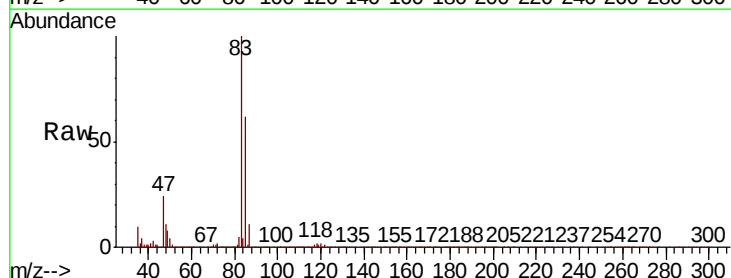
Acq: 26 Nov 2019 18:33

Tgt Ion: 83 Resp: 247943

Ion Ratio Lower Upper

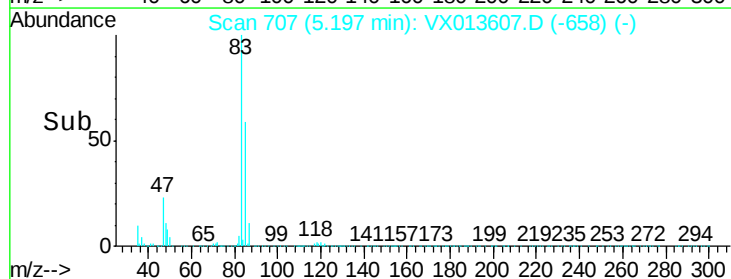
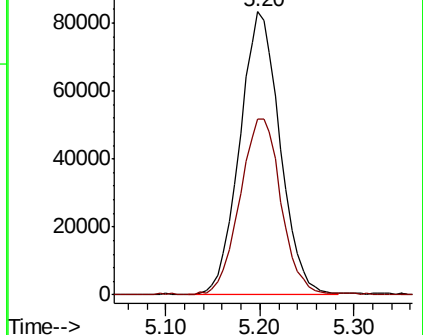
83 100

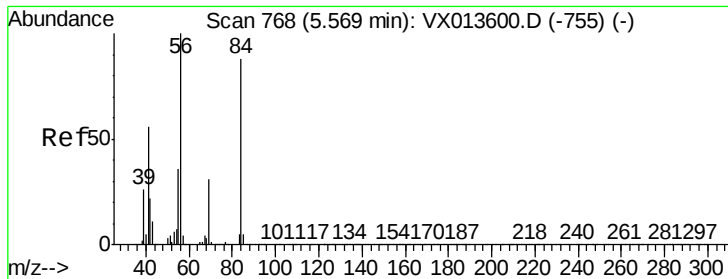
85 61.8 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

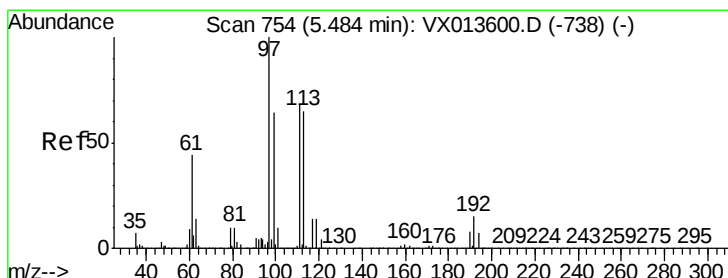
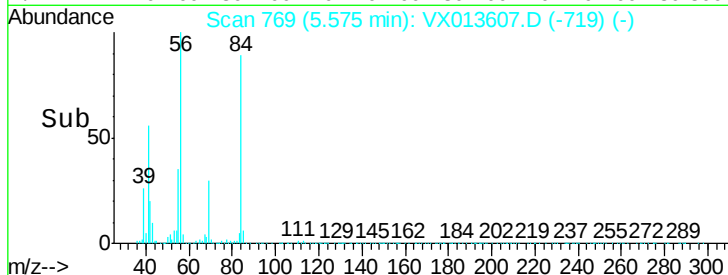
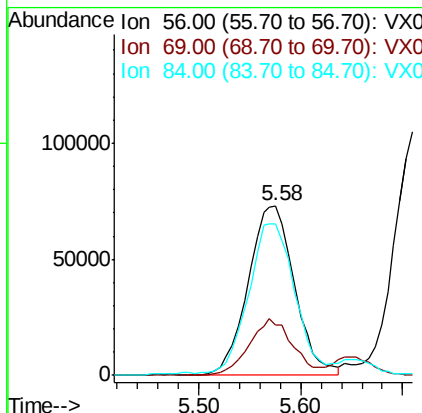
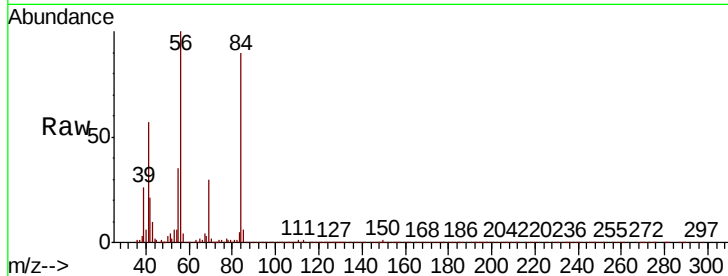




#31
Cyclohexane
Concen: 19.645 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

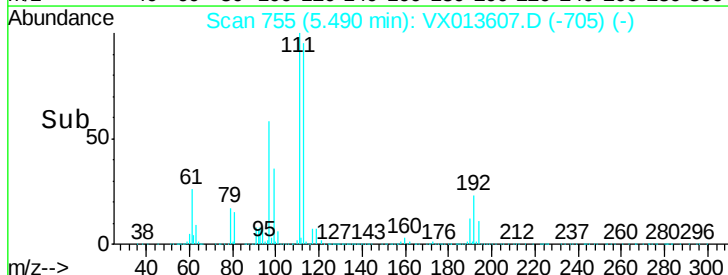
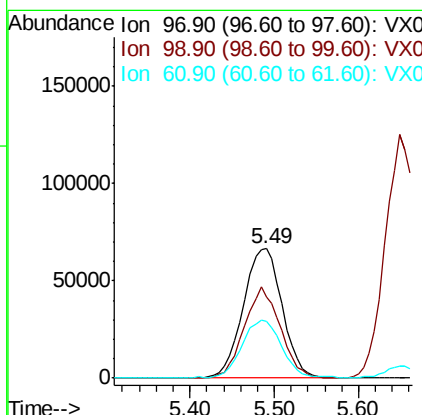
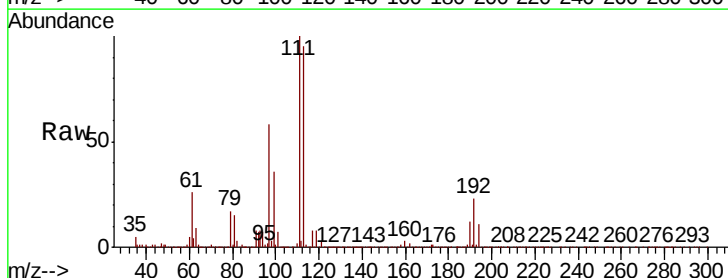
Instrument :
MSVOA_X
ClientSampled :

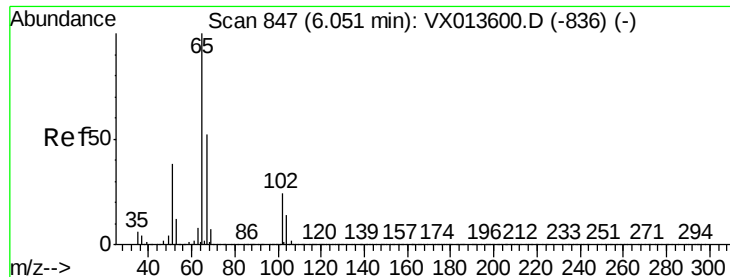
Tot Ion: 56 Resp: 229077
Ion Ratio Lower Upper
56 100
69 29.5 24.6 36.8
84 88.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.860 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion: 97 Resp: 208087
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 45.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.982 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

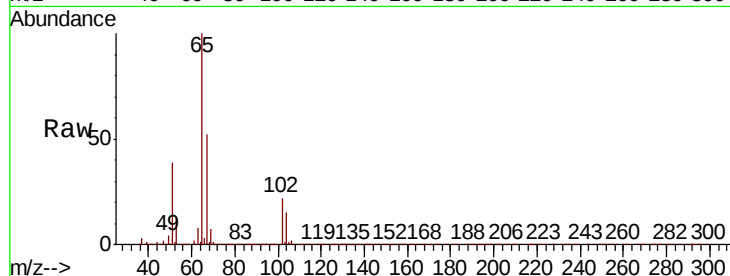
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 386664

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

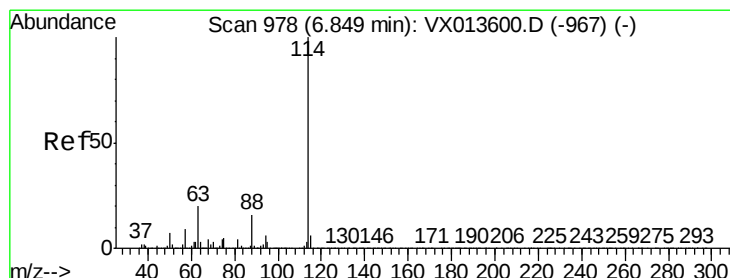
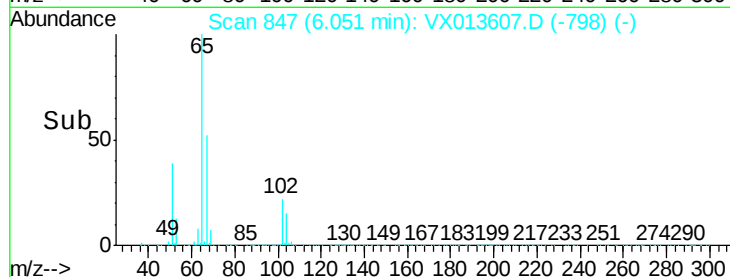
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

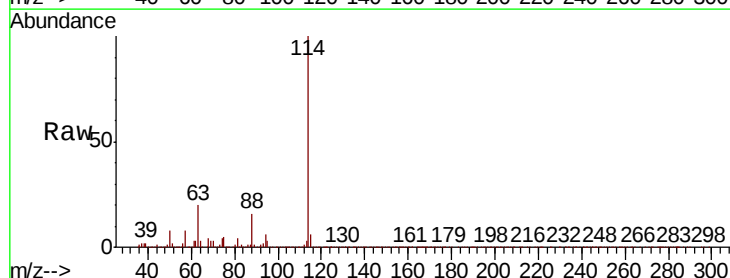
Tgt Ion: 114 Resp: 1041428

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

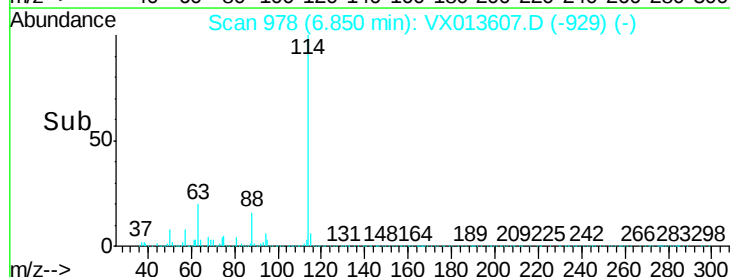
300000

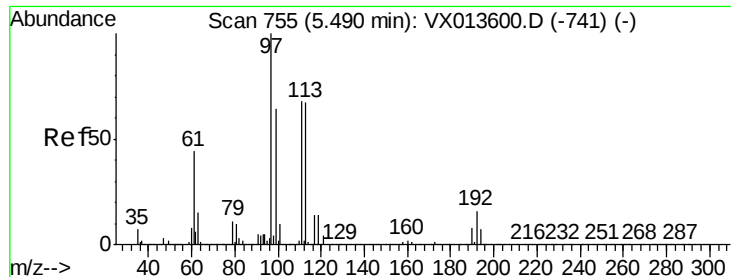
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.280 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :

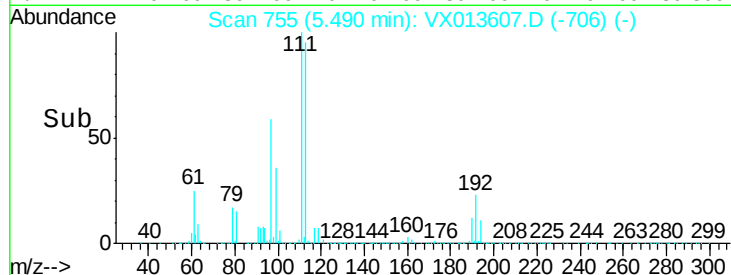
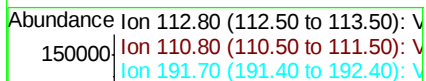
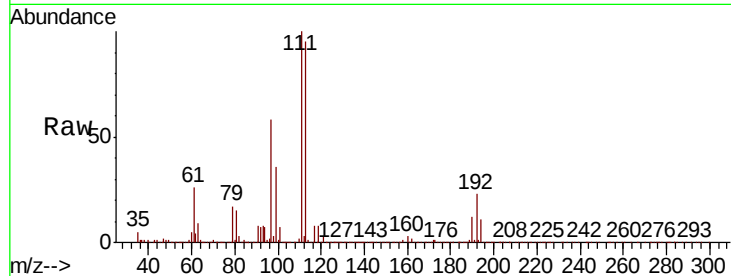
Tot Ion:113 Resp: 317273

Ion Ratio Lower Upper

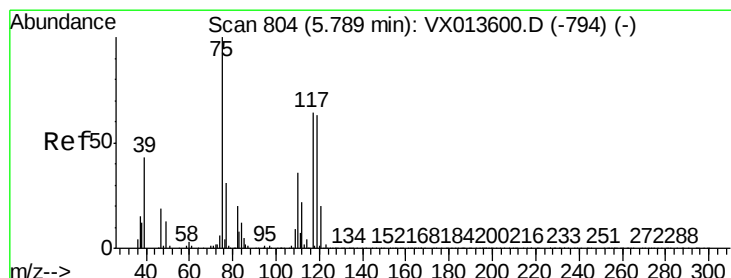
113 100

111 103.0 83.6 125.4

192 24.0 19.2 28.8



Time-->



#36

1,1-Dichloropropene

Concen: 20.000 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

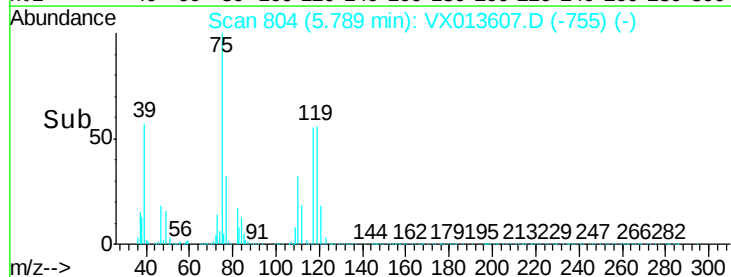
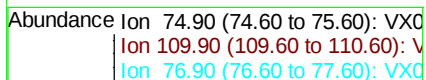
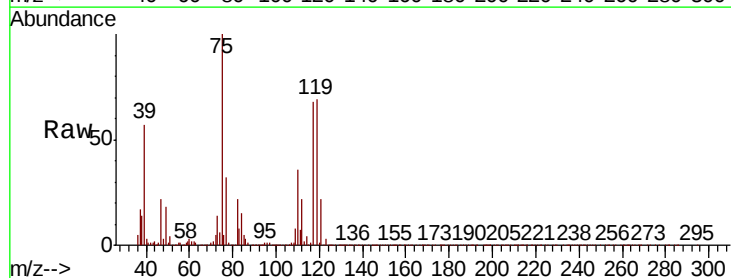
Tgt Ion: 75 Resp: 189076

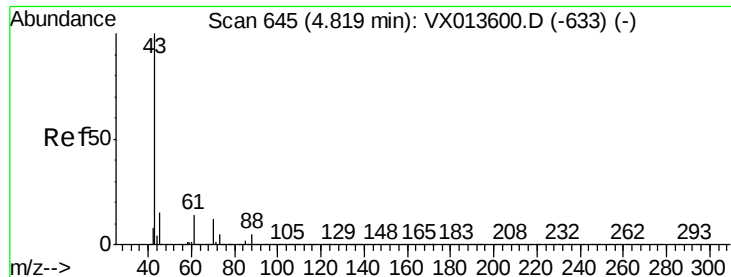
Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.1

77 30.6 24.5 36.7

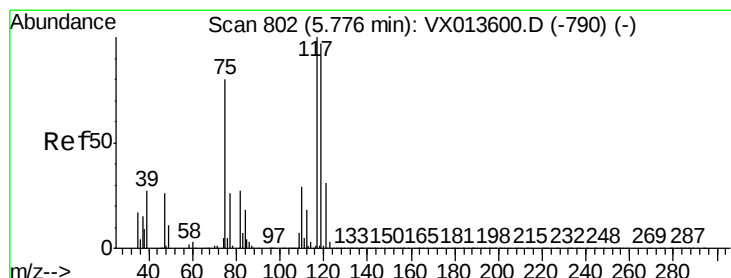
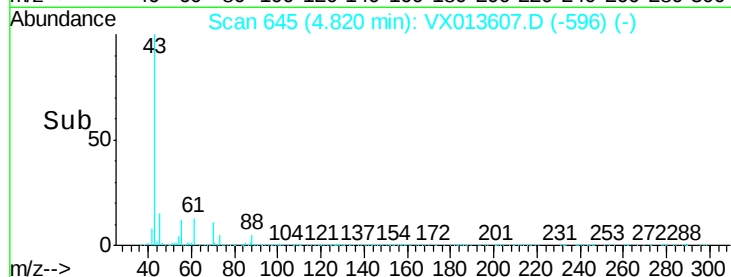
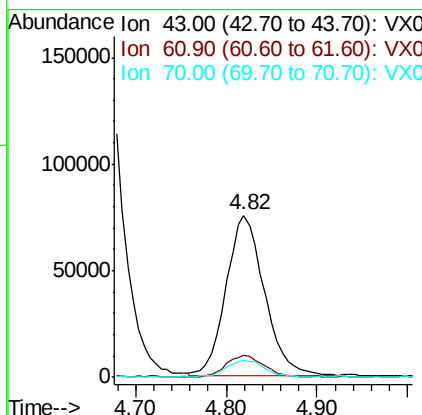
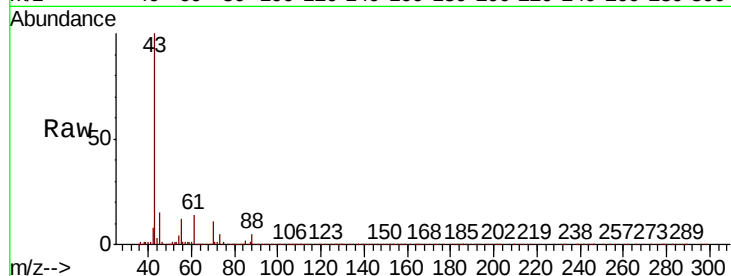




#37
Ethyl Acetate
Concen: 20.765 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

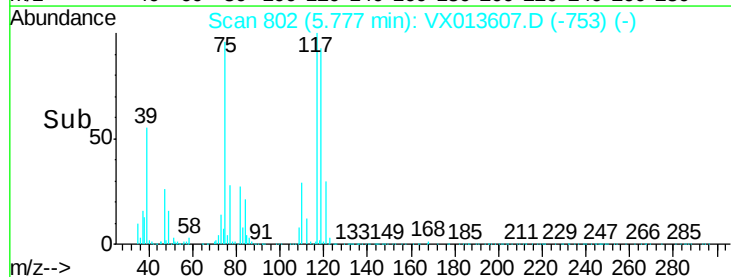
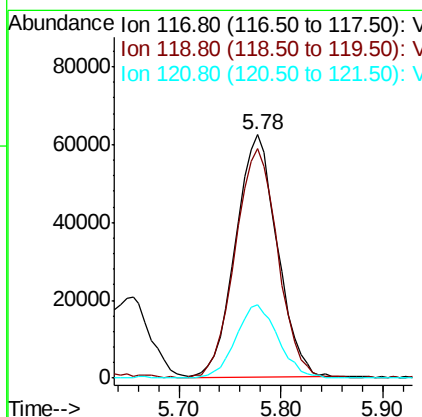
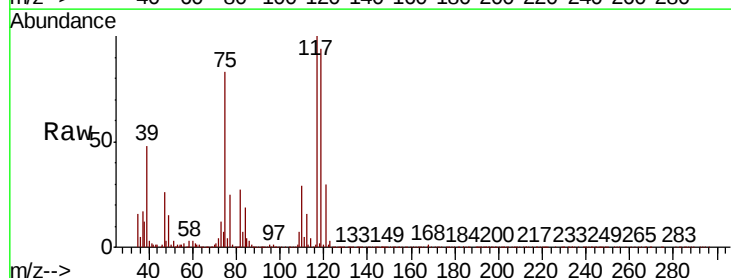
Instrument :
MSVOA_X
ClientSampleId :

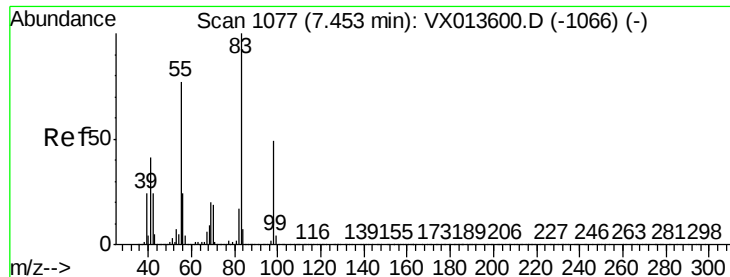
Tot Ion	43	Resp	220227
Ion Ratio	Lower	Upper	
43	100		
61	13.2	11.0	16.4
70	10.4	8.6	12.8



#38
Carbon Tetrachloride
Concen: 20.315 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion	117	Resp	177088
Ion Ratio	Lower	Upper	
117	100		
119	94.6	77.5	116.3
121	30.2	25.0	37.6

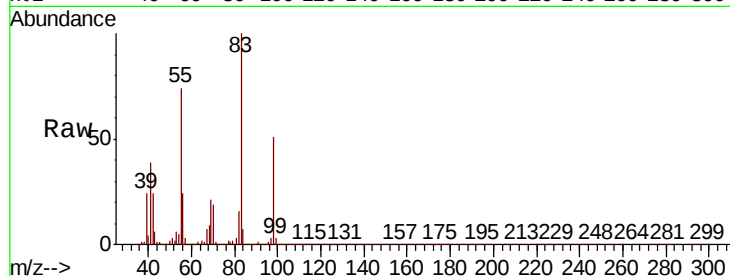




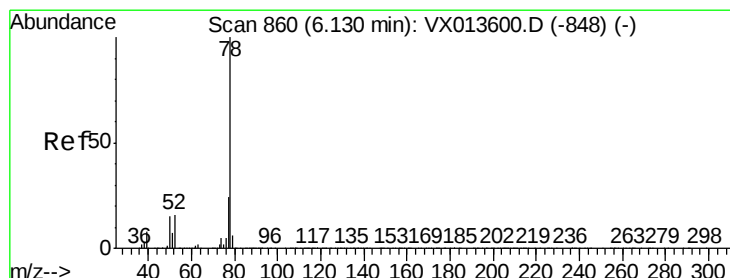
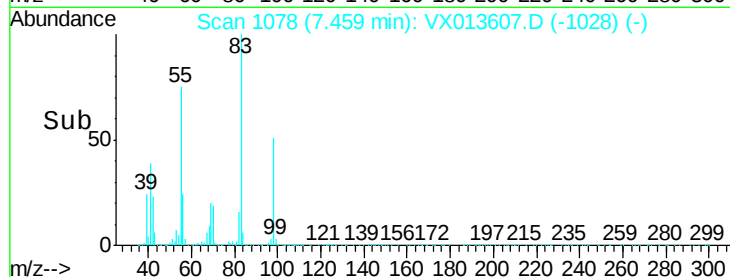
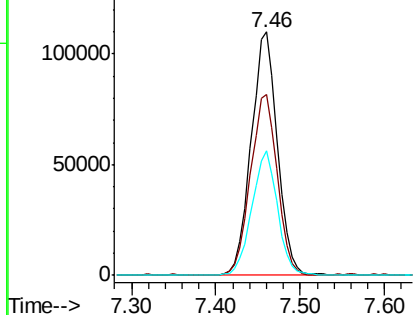
#39
Methvlcvclohexane
Concen: 19.872 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83.00	Resp	232211
Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.9	92.9
98	50.9	39.4	59.0

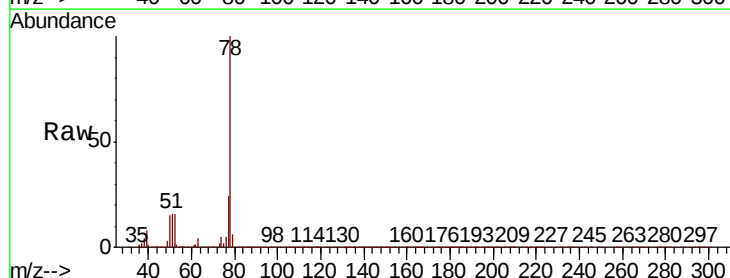


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

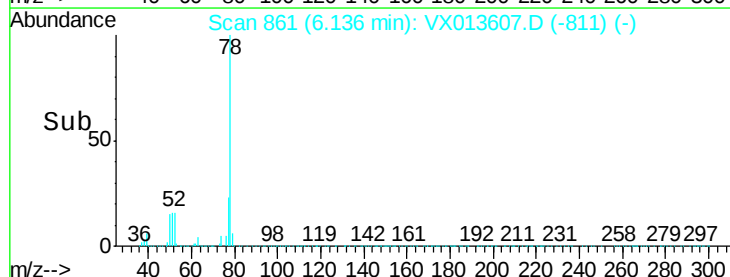
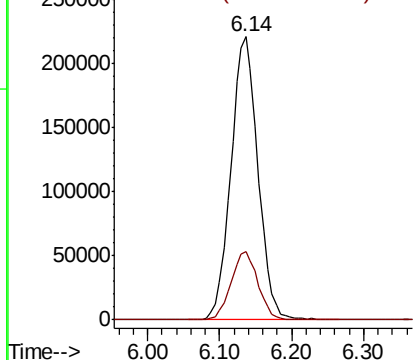


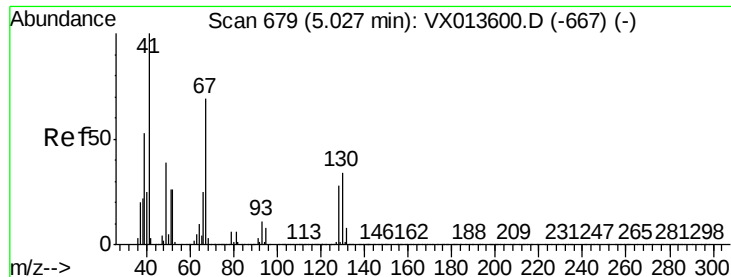
#40
Benzene
Concen: 19.895 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion	78.00	Resp	572837
Ion	Ratio	Lower	Upper
78	100		
77	24.0	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: 20.692 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 120352

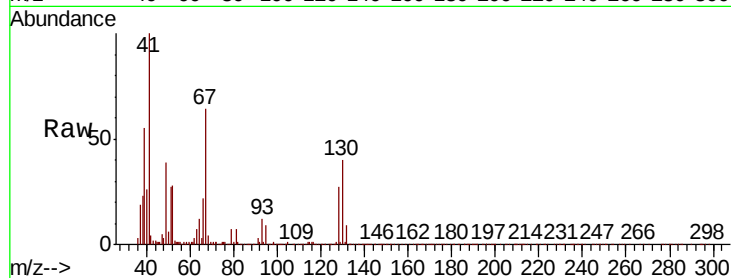
Ion Ratio Lower Upper

41 100

39 53.0 42.9 64.3

67 71.7 57.4 86.0

52 29.0 22.4 33.6

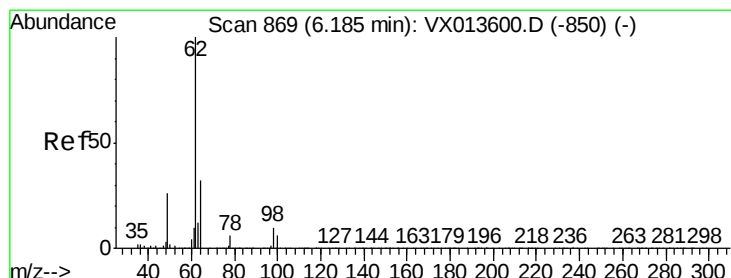
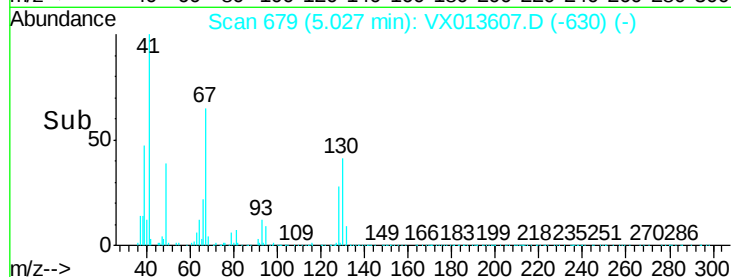
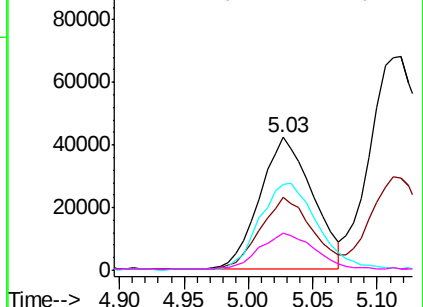


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.571 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013607.D

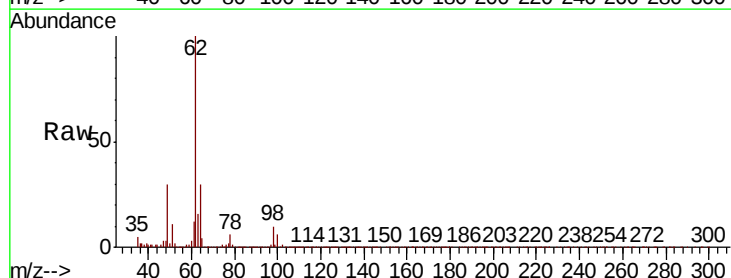
Acq: 26 Nov 2019 18:33

Tgt Ion: 62 Resp: 201994

Ion Ratio Lower Upper

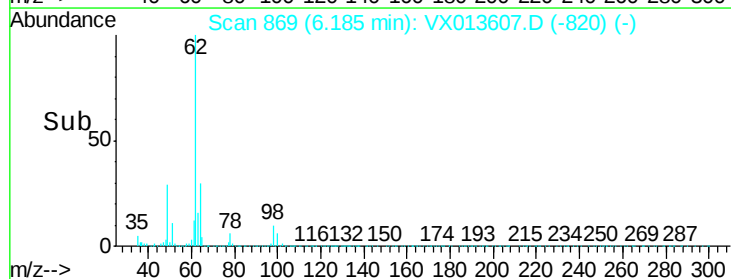
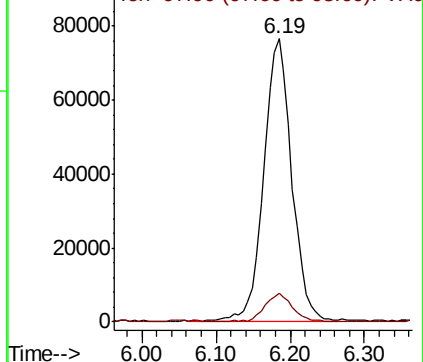
62 100

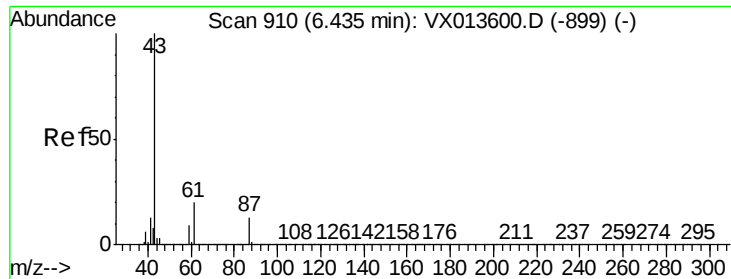
98 9.7 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



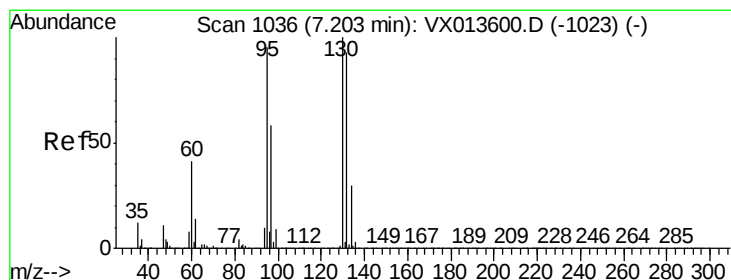
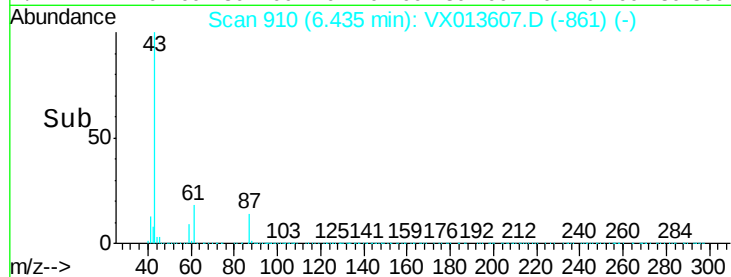
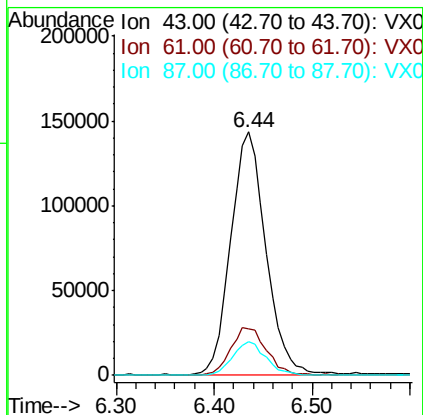
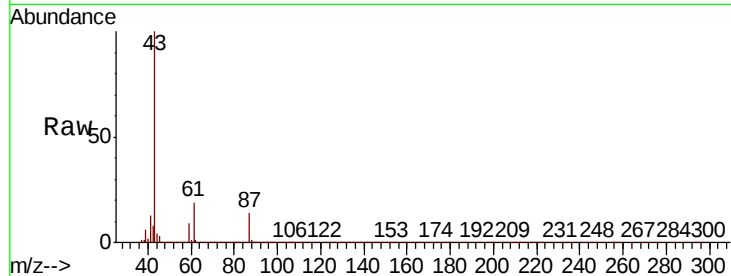


#43

Isopropyl Acetate
 Concen: 20.374 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :

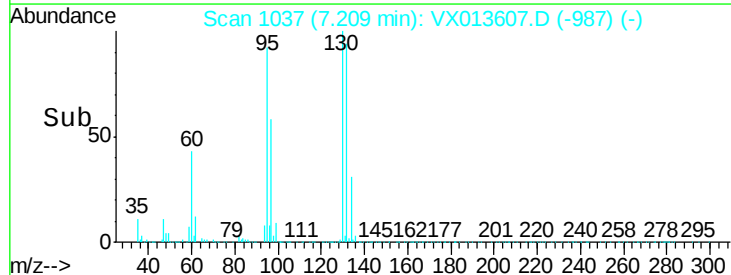
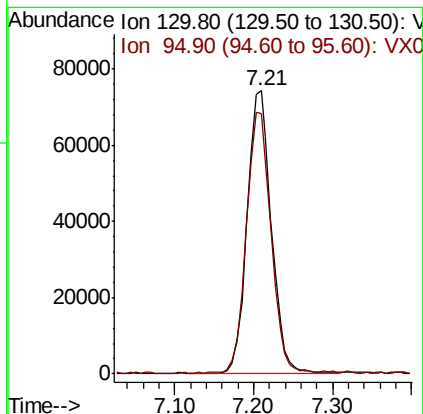
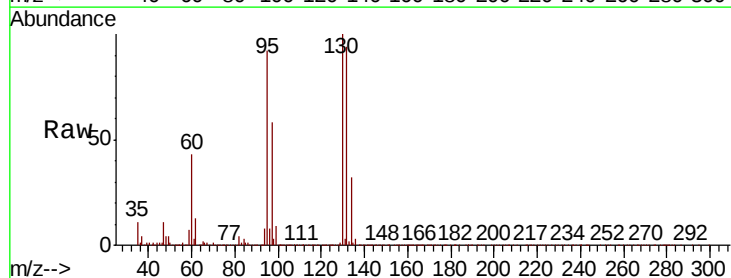
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.3	24.5
87	13.3	10.8	16.2

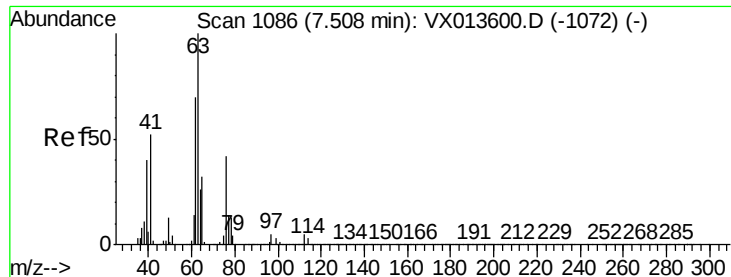


#44

Trichloroethene
 Concen: 20.114 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.127 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

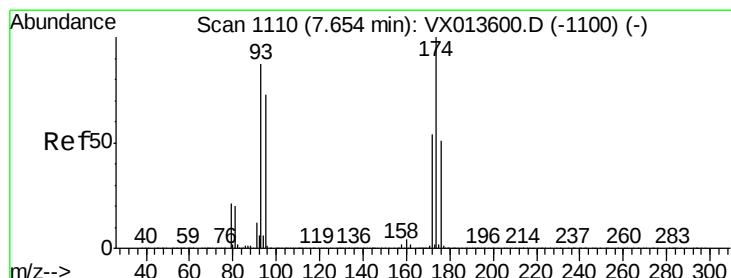
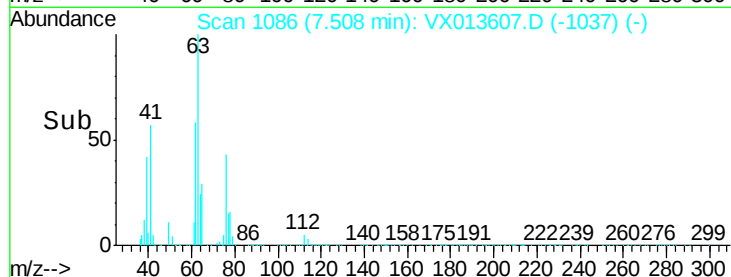
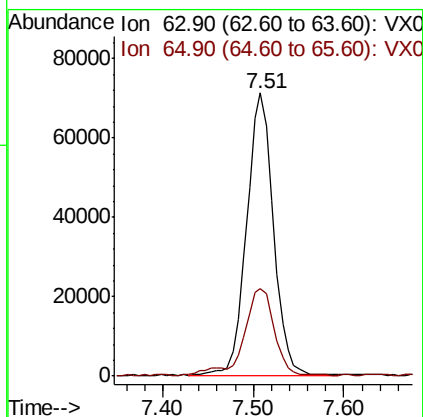
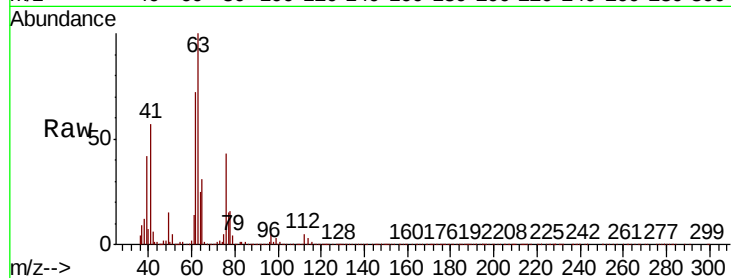
ClientSampleId :

Tot Ion: 63 Resp: 144989

Ion Ratio Lower Upper

63 100

65 30.7 25.5 38.3



#46

Dibromomethane

Concen: 19.385 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

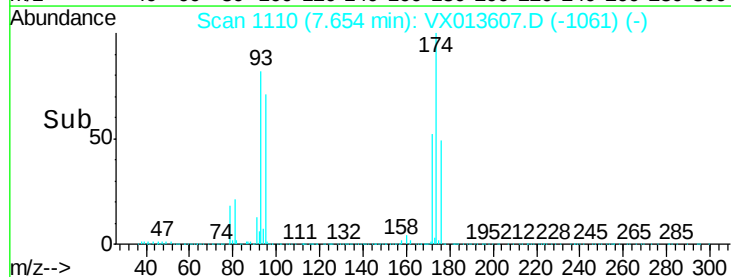
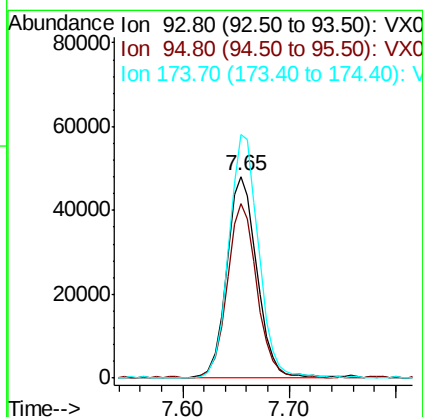
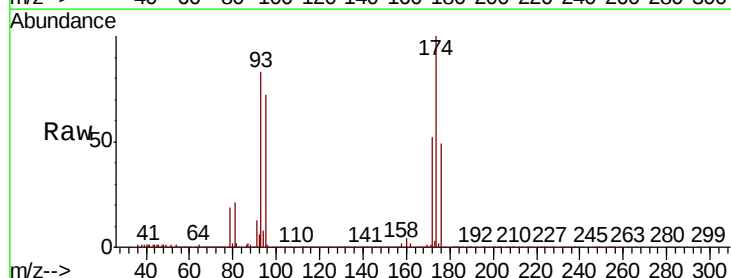
Tgt Ion: 93 Resp: 94846

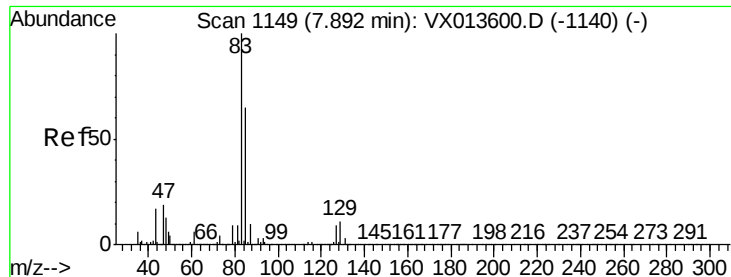
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.2

174 120.2 93.4 140.0





#47

Bromodichloromethane

Concen: 20.070 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

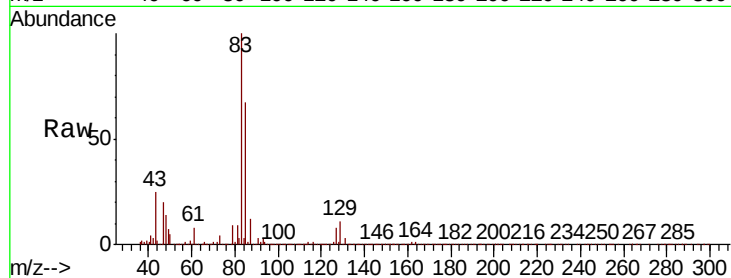
Tot Ion: 83 Resp: 185636

Ion Ratio Lower Upper

83 100

85 66.5 52.1 78.1

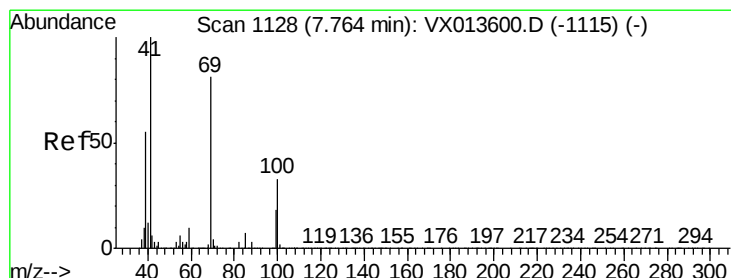
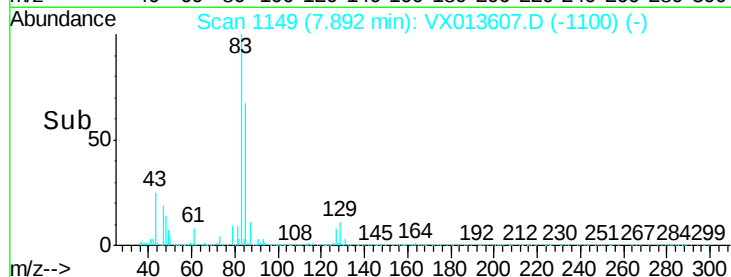
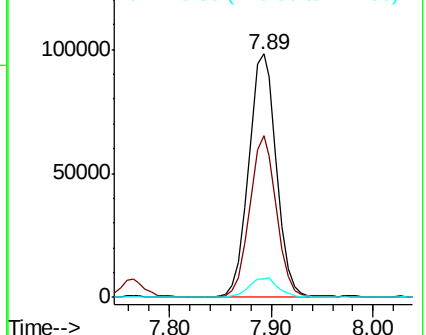
127 7.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.664 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

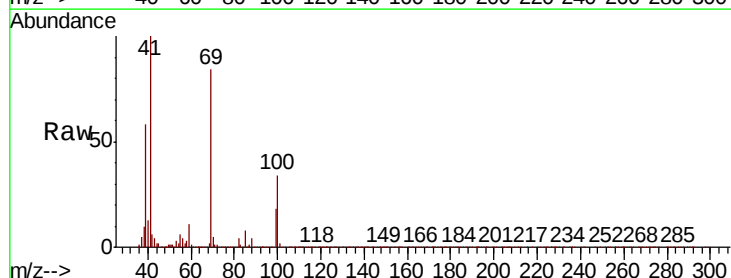
Tgt Ion: 41 Resp: 175296

Ion Ratio Lower Upper

41 100

69 80.0 64.7 97.1

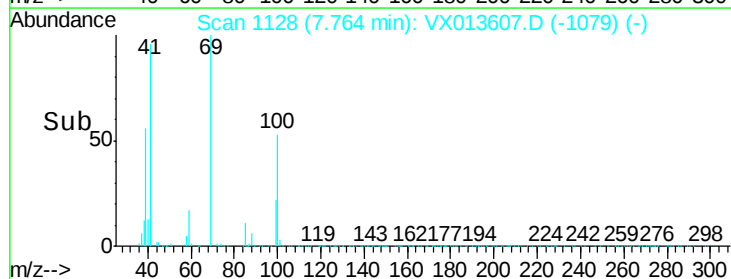
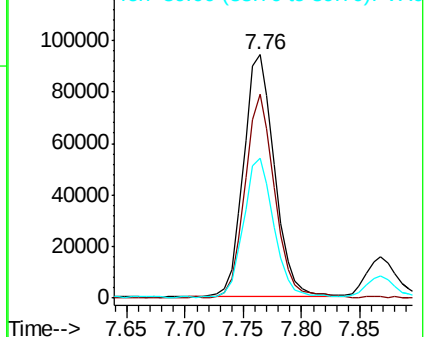
39 57.3 43.8 65.6

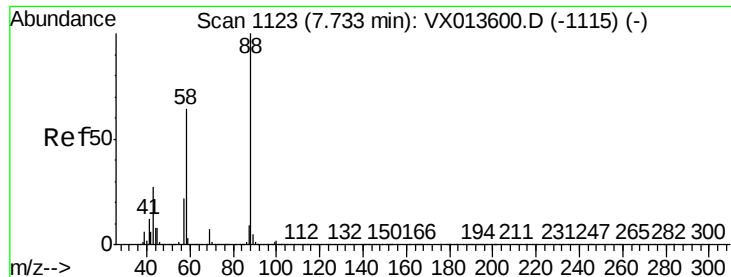


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 375.922 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

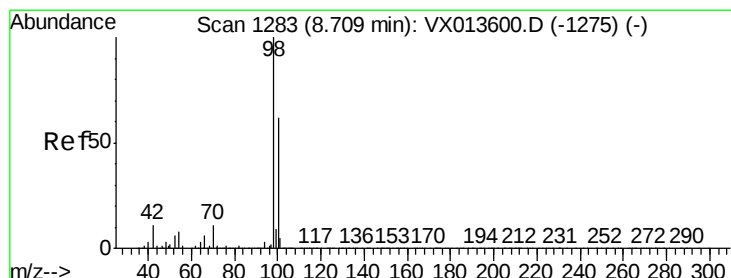
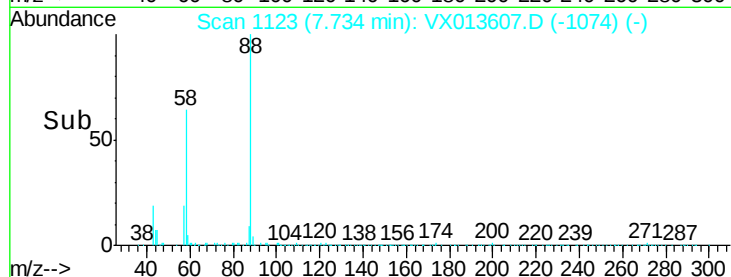
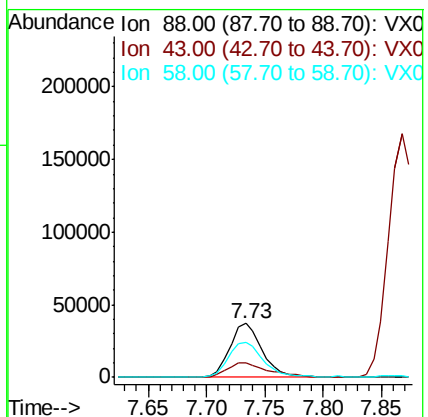
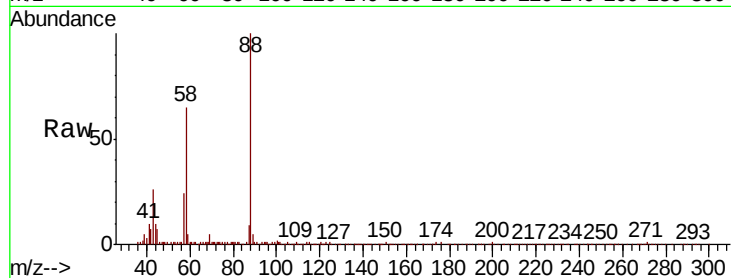
Tot Ion: 88 Resp: 71384

Ion Ratio Lower Upper

88 100

43 34.7 25.8 38.6

58 70.0 54.6 82.0



#50

Toluene-d8

Concen: 49.411 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013607.D

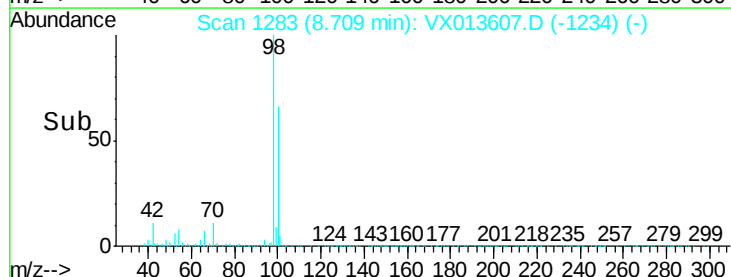
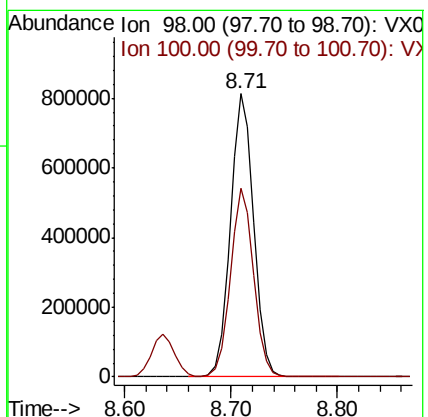
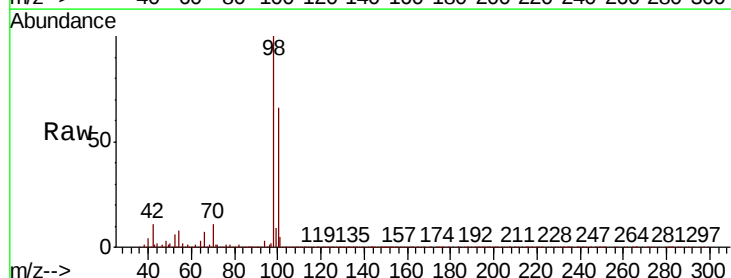
Acq: 26 Nov 2019 18:33

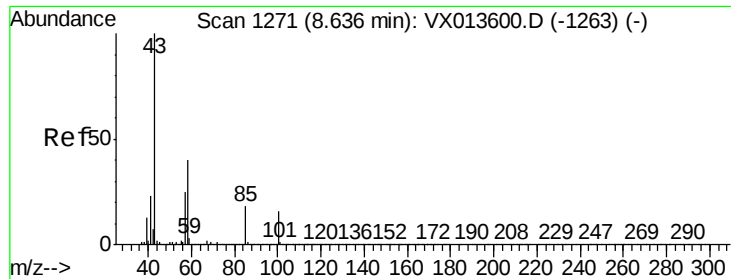
Tgt Ion: 98 Resp: 1239443

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 102.573 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

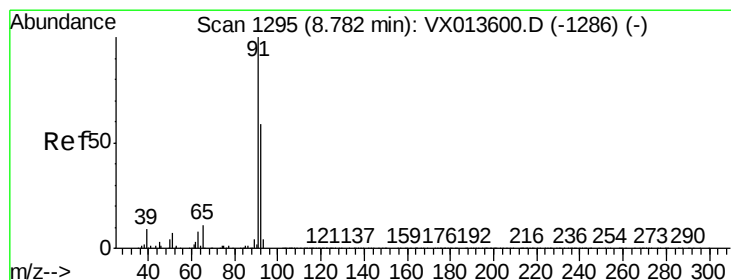
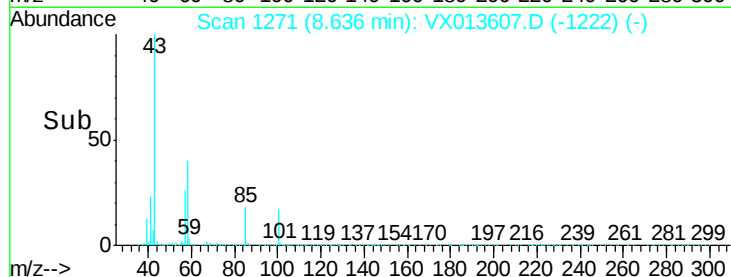
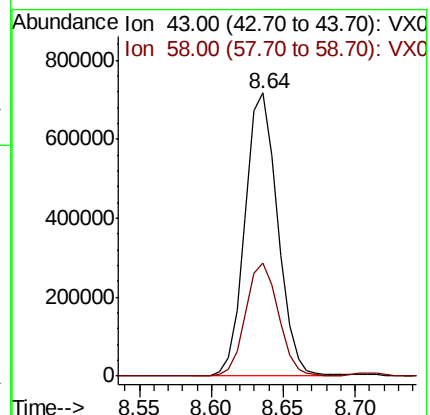
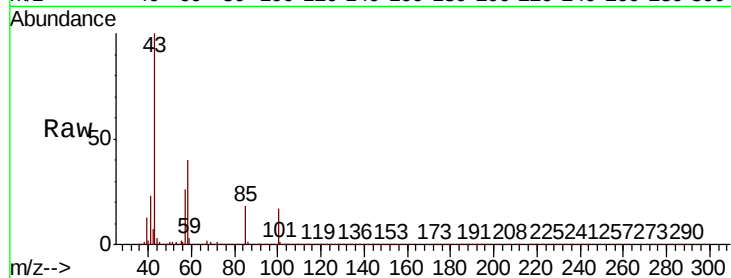
ClientSampleId :

Tot Ion: 43 Resp: 1126532

Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1



#52

Toluene

Concen: 20.153 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013607.D

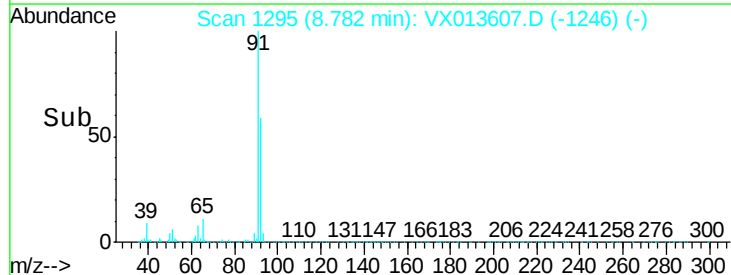
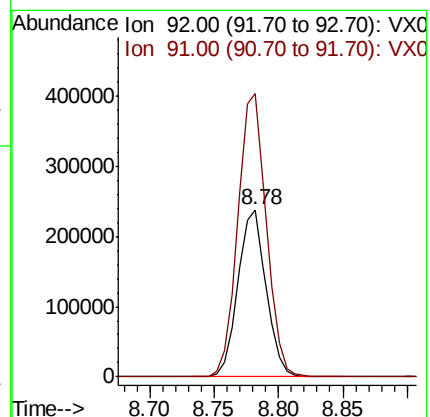
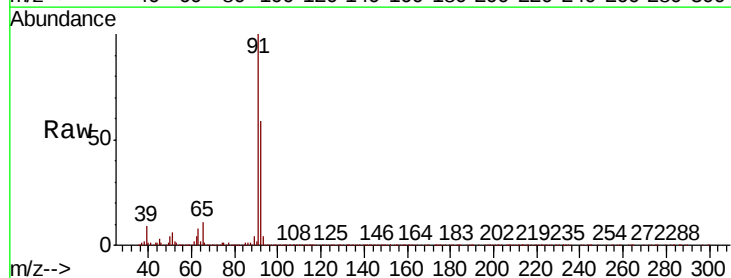
Acq: 26 Nov 2019 18:33

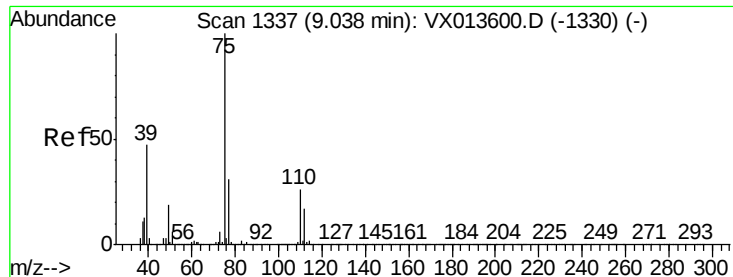
Tgt Ion: 92 Resp: 360475

Ion Ratio Lower Upper

92 100

91 172.9 136.2 204.2

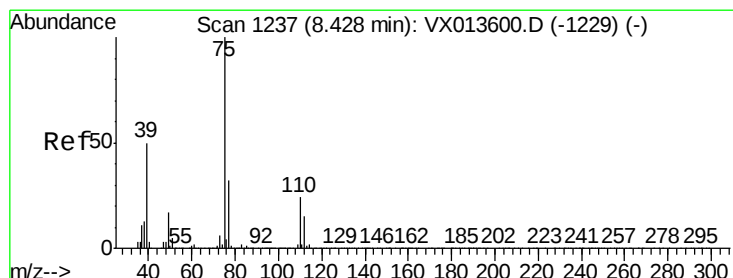
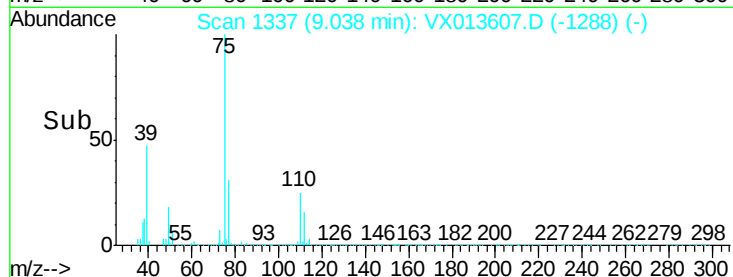
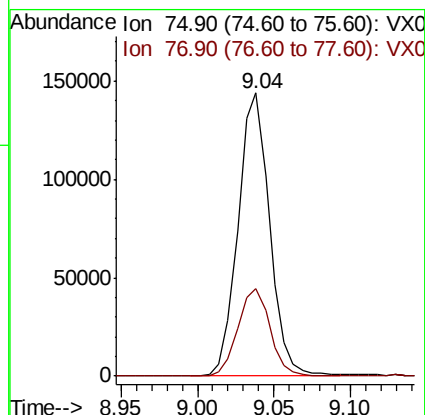
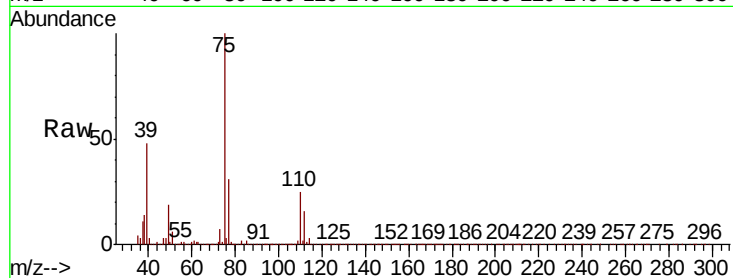




#53
t-1,3-Dichloropropene
Concen: 19.447 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

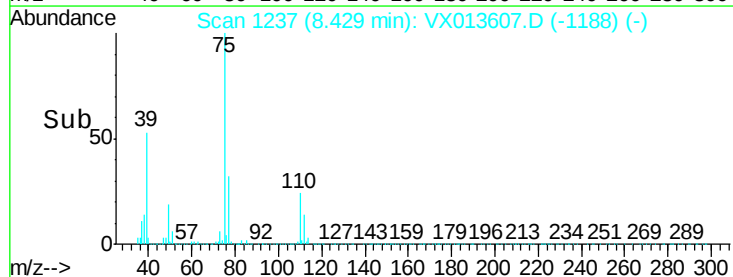
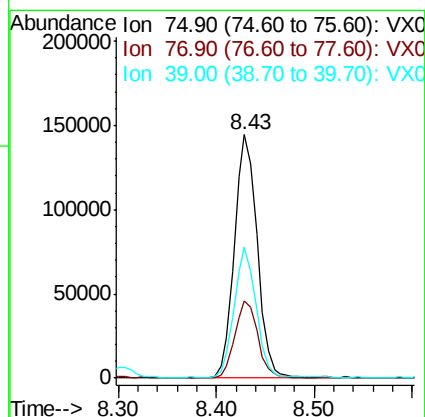
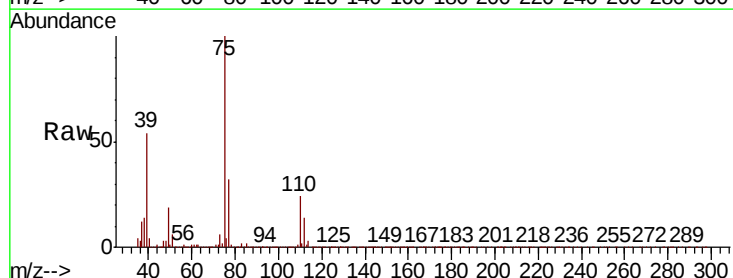
Instrument :
MSVOA_X
ClientSampleId :

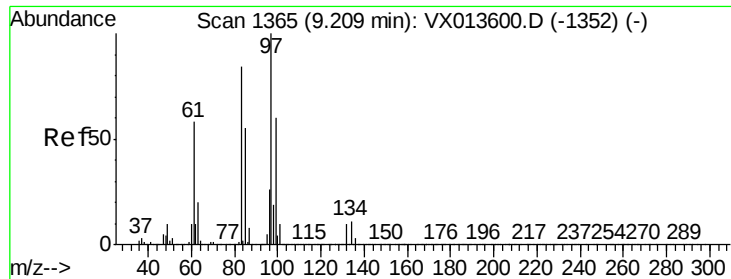
Tot Ion: 75 Resp: 204741
Ion Ratio Lower Upper
75 100
77 30.9 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 20.217 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion: 75 Resp: 232537
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6
39 53.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.277 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 146160

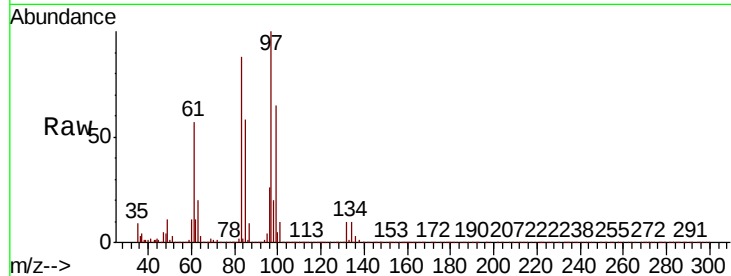
Ion Ratio Lower Upper

97 100

83 87.9 67.3 100.9

85 57.2 43.6 65.4

99 64.7 48.2 72.4

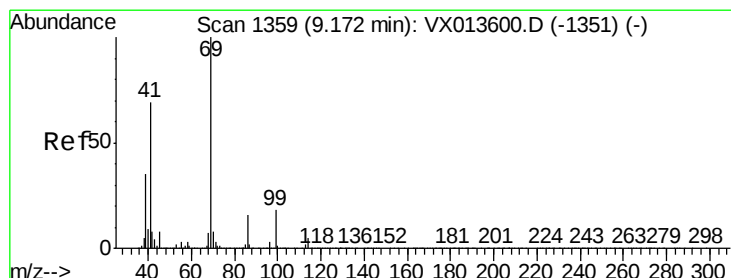
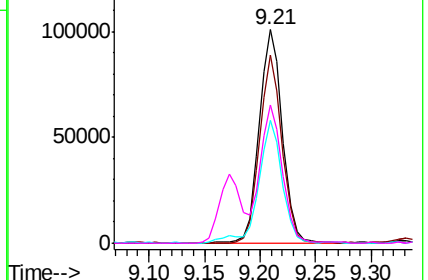
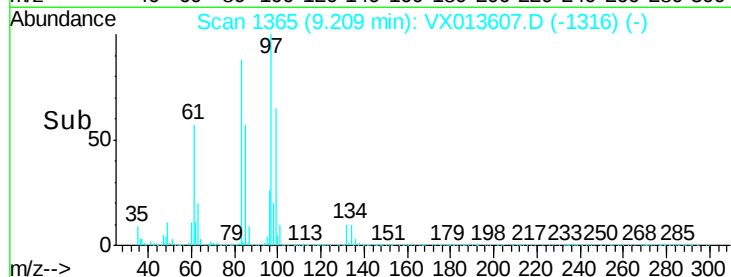


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.031 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

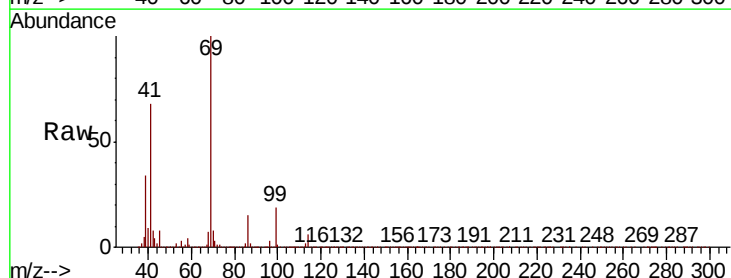
Tgt Ion: 69 Resp: 232135

Ion Ratio Lower Upper

69 100

41 69.9 55.0 82.4

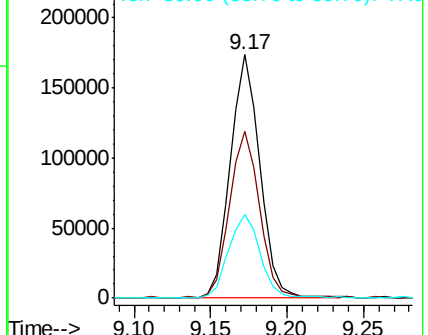
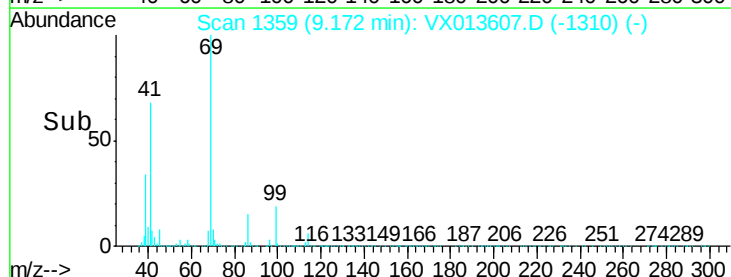
39 36.3 28.7 43.1

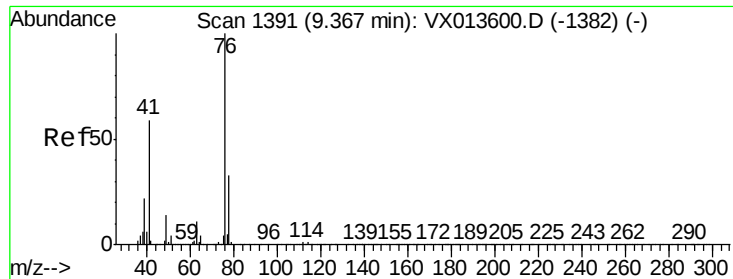


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.142 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

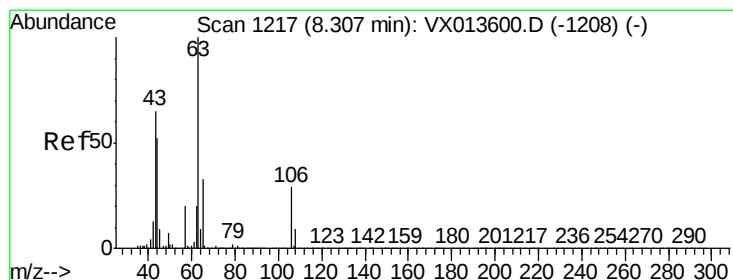
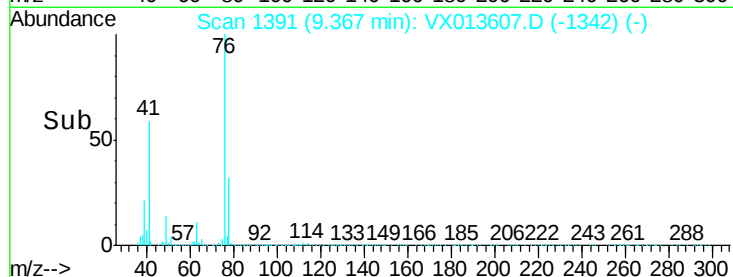
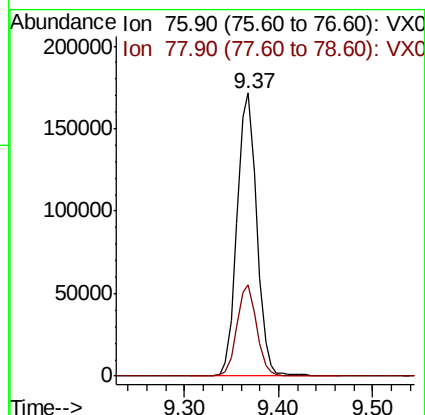
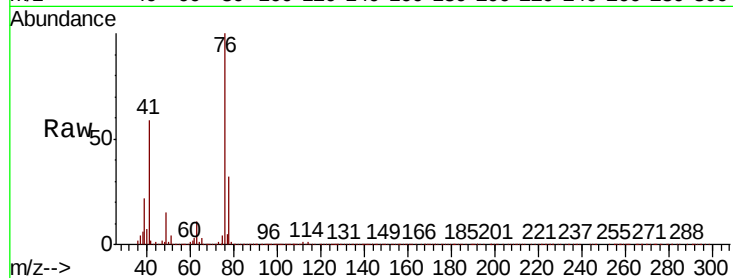
ClientSampleId :

Tot Ion: 76 Resp: 250255

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 100.395 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013607.D

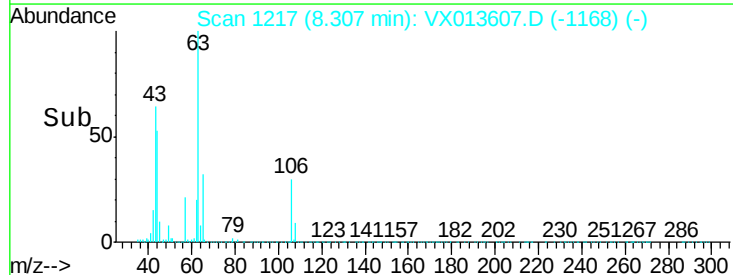
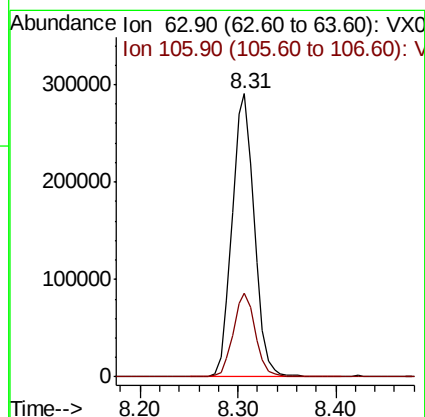
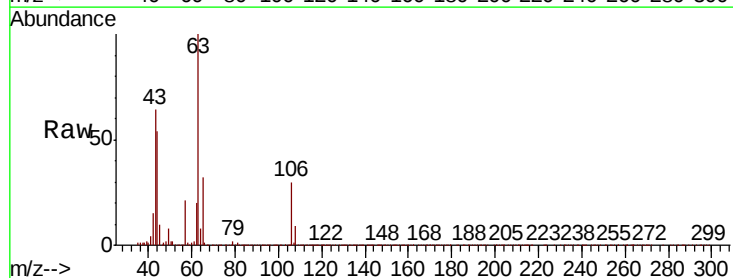
Acq: 26 Nov 2019 18:33

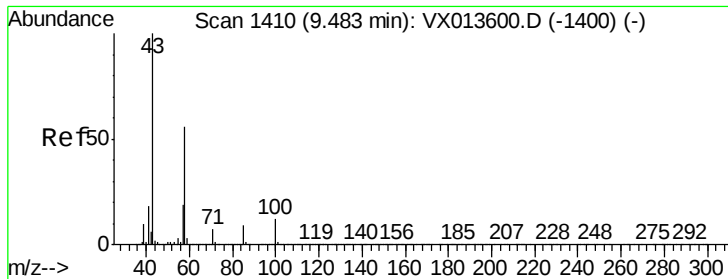
Tgt Ion: 63 Resp: 456165

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.0

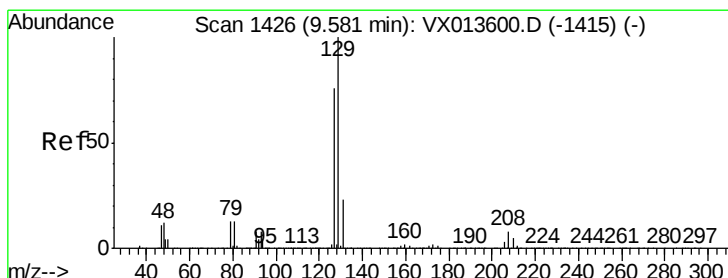
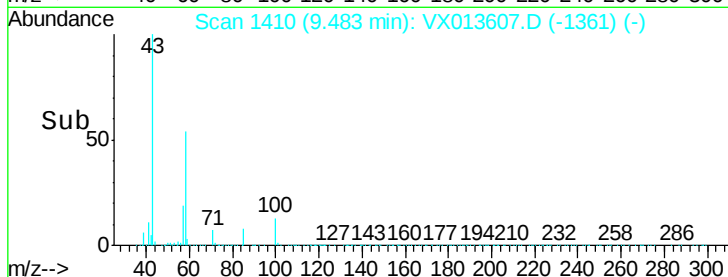
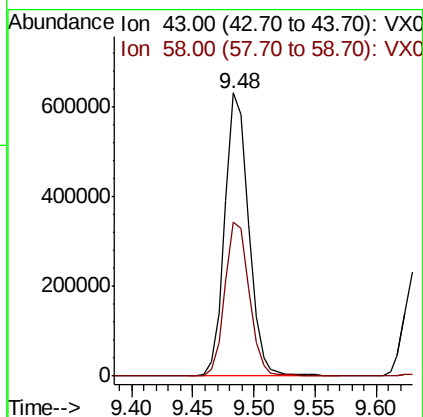
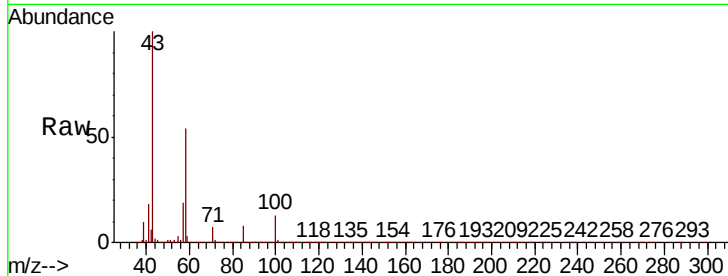




#59
2-Hexanone
Concen: 99.756 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

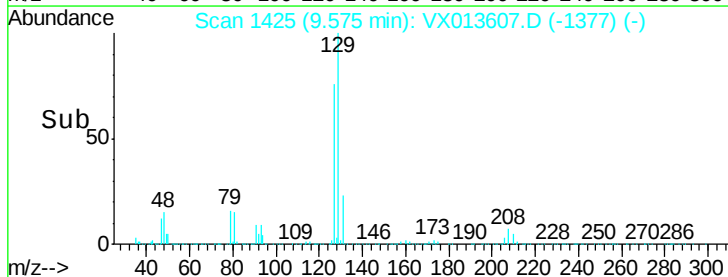
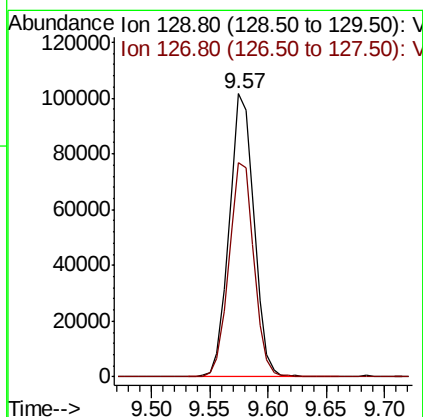
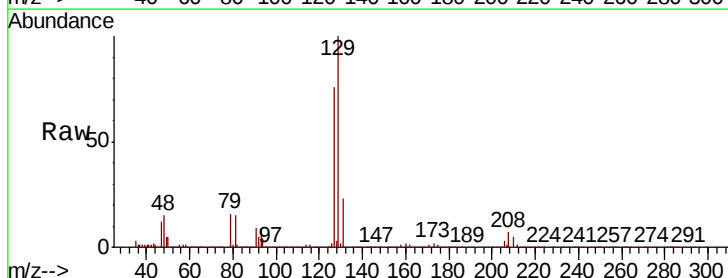
Instrument :
MSVOA_X
ClientSampleId :

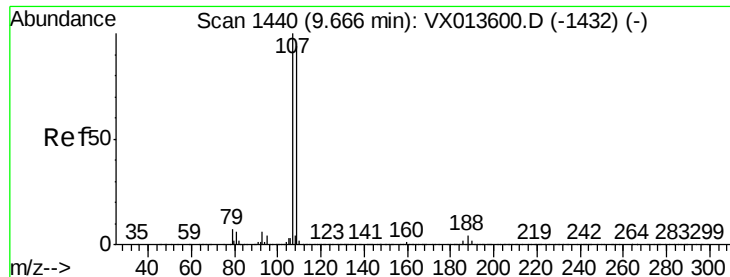
Tot Ion: 43 Resp: 854481
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.4



#60
Dibromochloromethane
Concen: 20.077 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion: 129 Resp: 150190
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.153 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

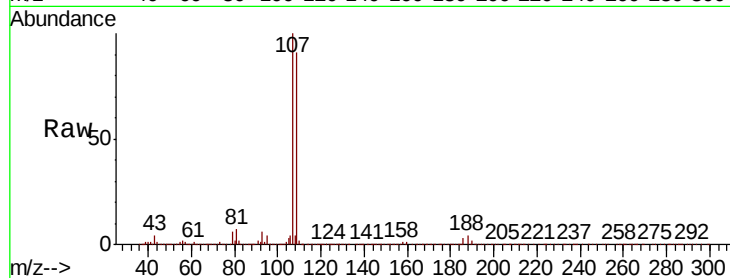
ClientSampleId :

Tot Ion:107 Resp: 155150

Ion Ratio Lower Upper

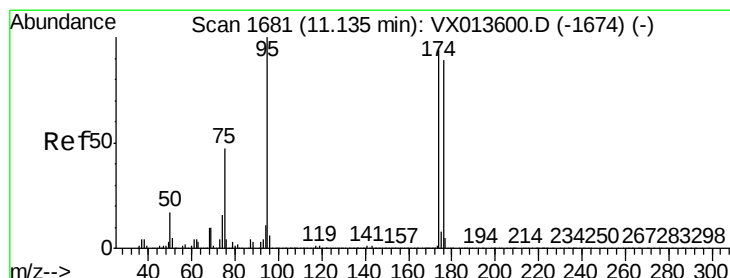
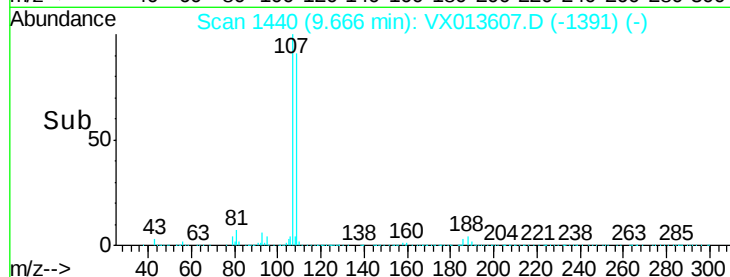
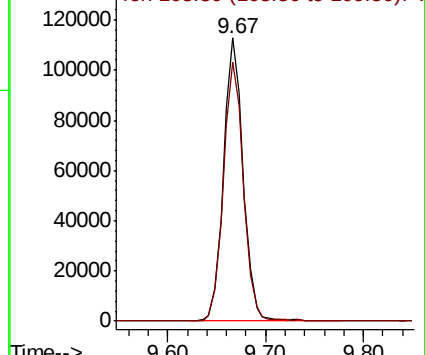
107 100

109 93.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.147 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

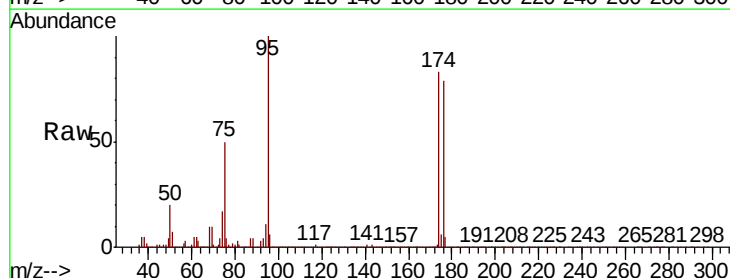
Tgt Ion: 95 Resp: 435513

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

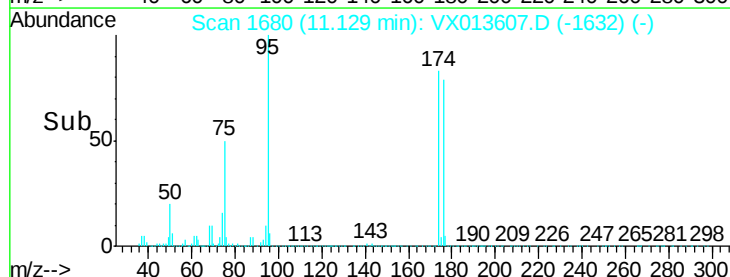
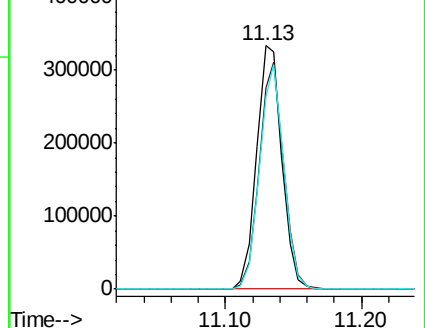
176 88.2 0.0 173.6

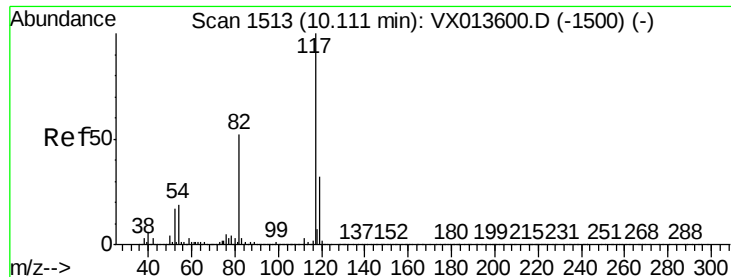


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

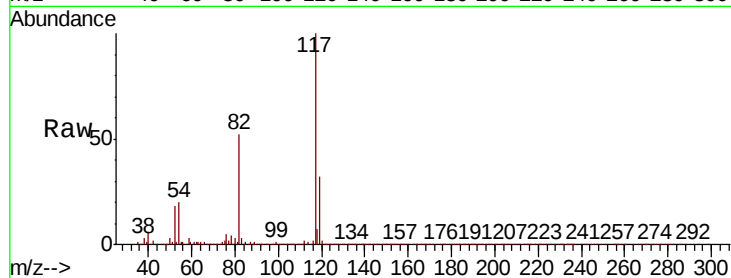
Tot Ion:117 Resp: 936123

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.8

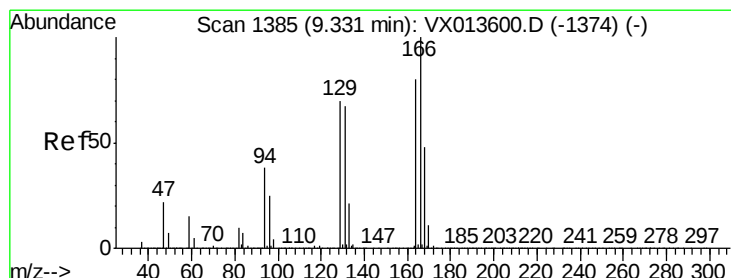
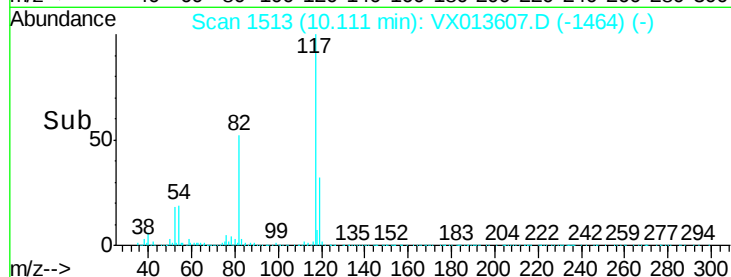
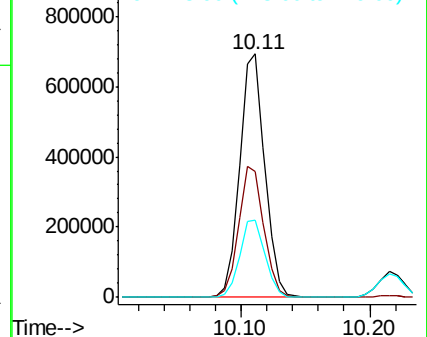
119 31.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.173 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Tgt Ion:164 Resp: 154792

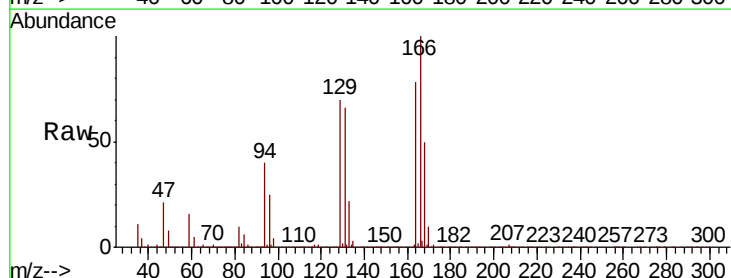
Ion Ratio Lower Upper

164 100

166 128.0 99.7 149.5

129 88.9 70.1 105.1

131 84.8 66.9 100.3

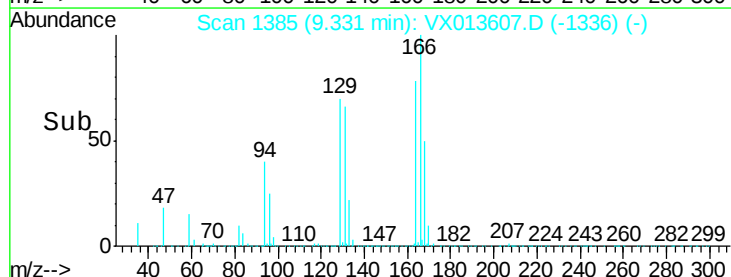
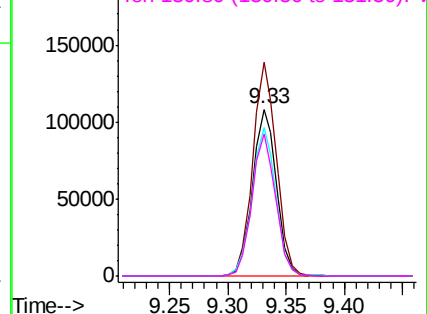


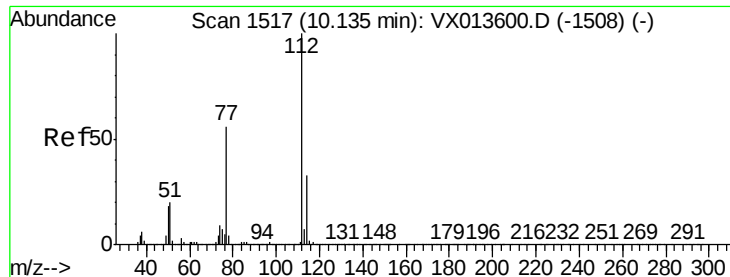
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.818 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

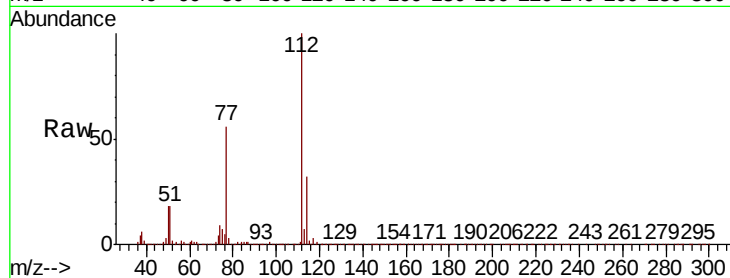
ClientSampleId :

Tot Ion:112 Resp: 385180

Ion Ratio Lower Upper

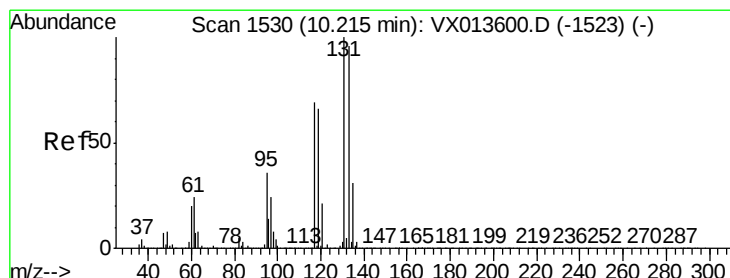
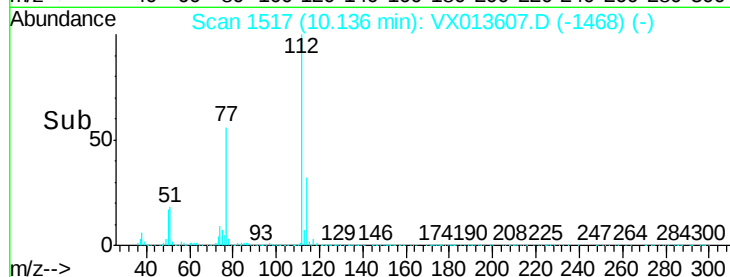
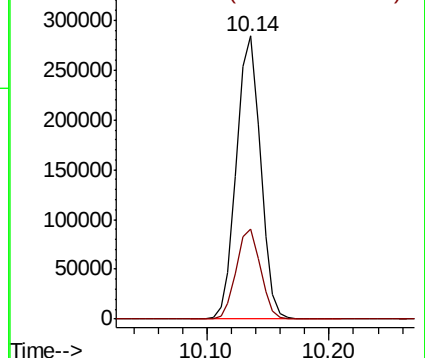
112 100

114 31.7 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.276 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

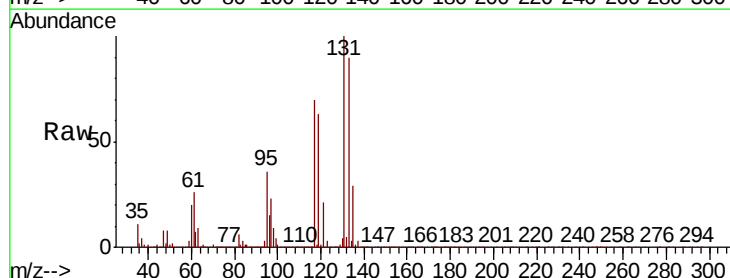
Tgt Ion:131 Resp: 141512

Ion Ratio Lower Upper

131 100

133 94.4 47.7 143.1

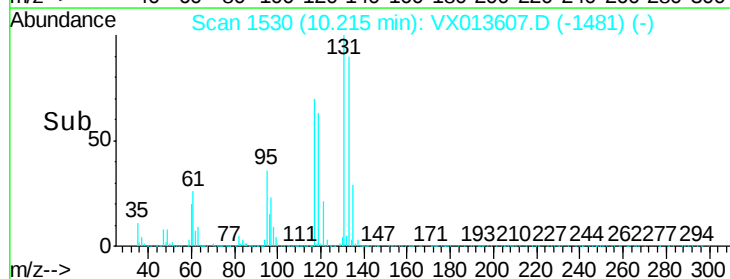
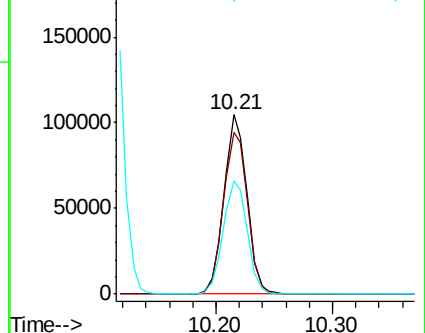
119 66.9 32.9 98.6

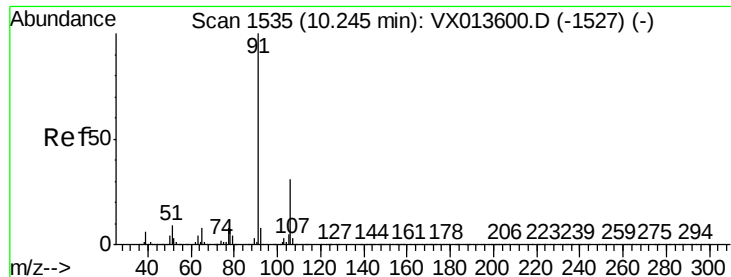


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

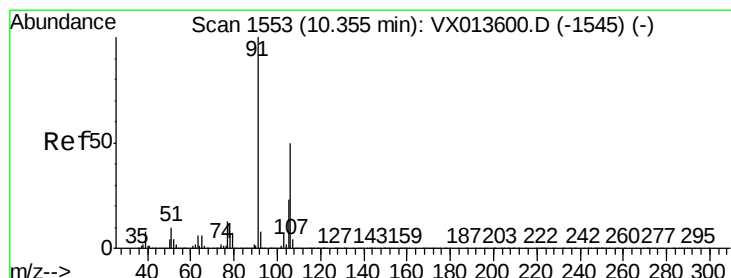
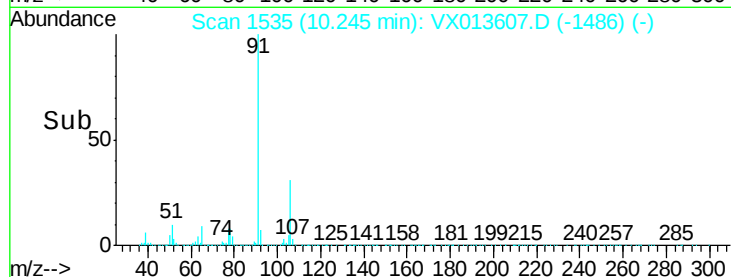
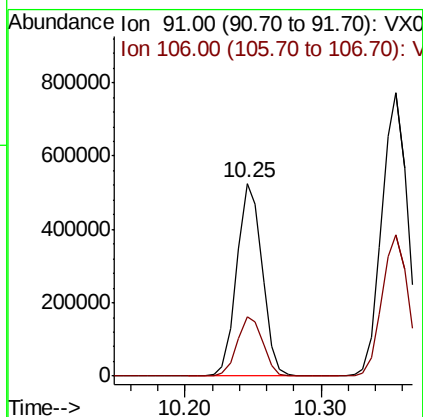
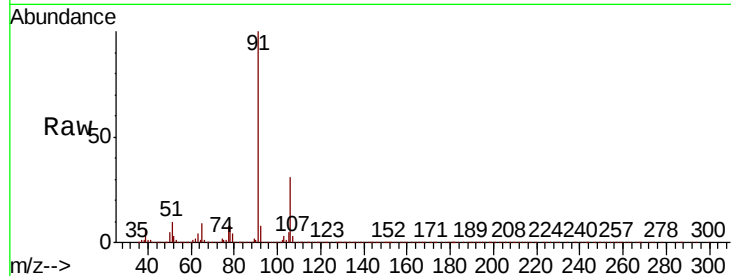




#67
Ethyl Benzene
Concen: 20.434 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

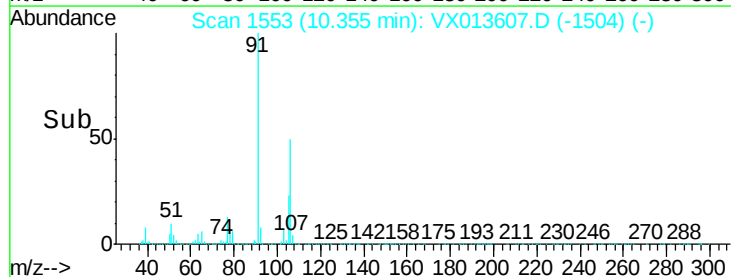
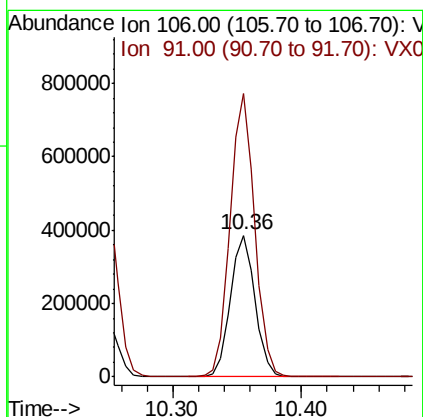
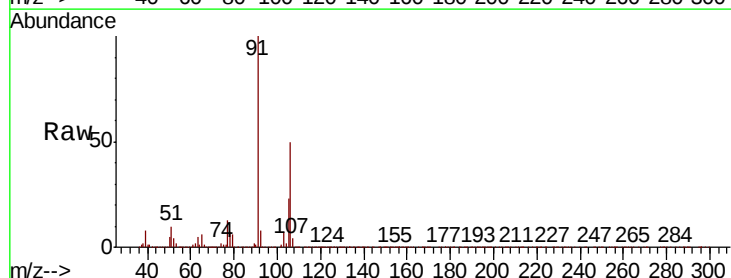
Instrument :
MSVOA_X
ClientSampled :

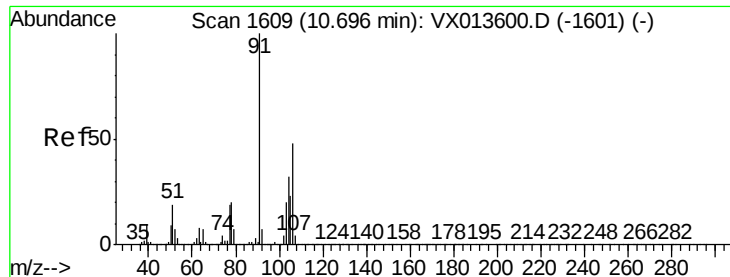
Tot Ion: 91 Resp: 682467
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



#68
m/p-Xylenes
Concen: 40.478 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion: 106 Resp: 517579
Ion Ratio Lower Upper
106 100
91 199.0 159.0 238.4

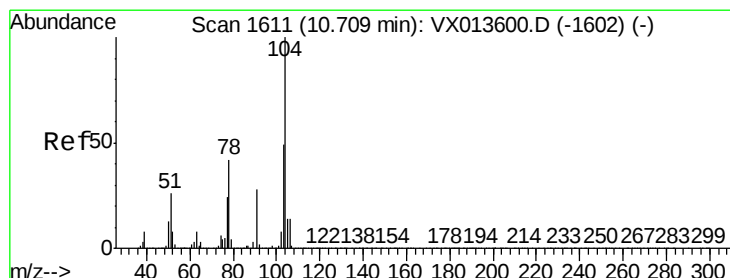
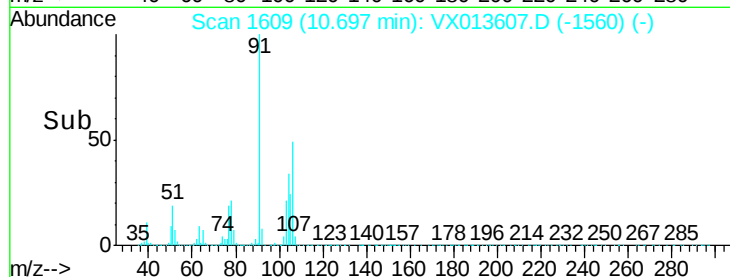
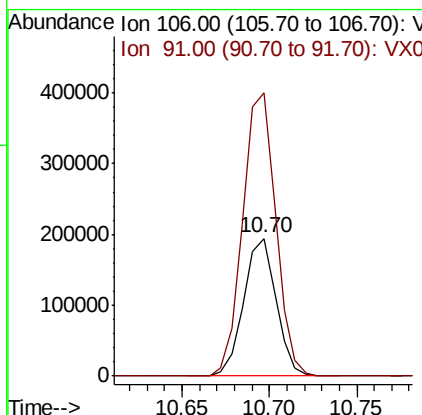
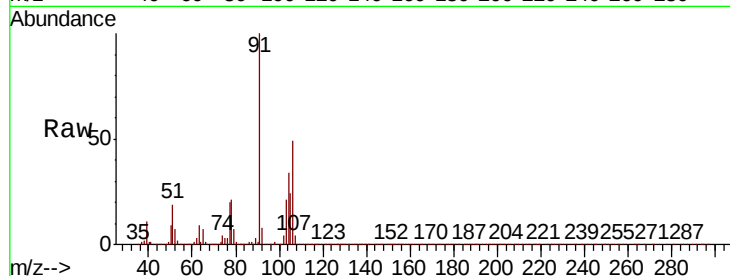




#69
o-Xylene
Concen: 20.109 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

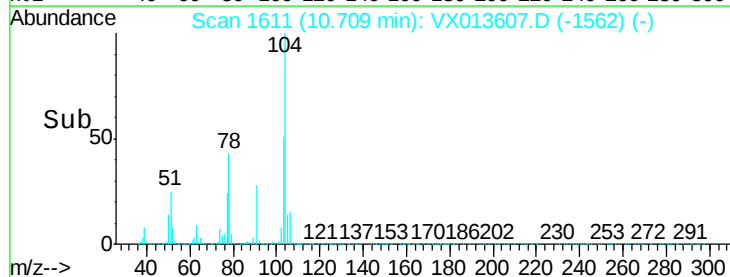
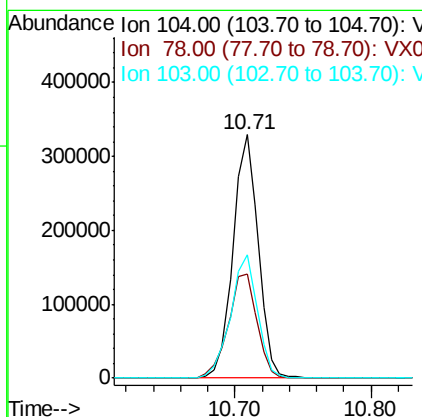
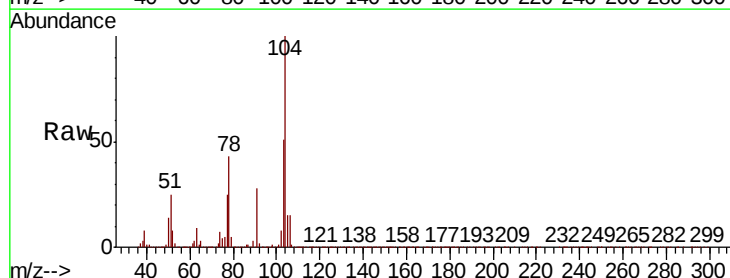
Instrument :
MSVOA_X
ClientSampleId :

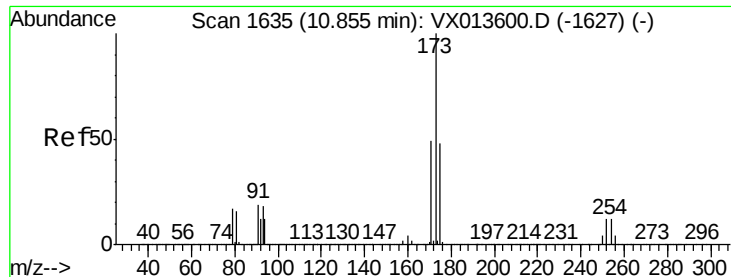
Tot Ion:106 Resp: 250776
Ion Ratio Lower Upper
106 100
91 210.8 104.1 312.2



#70
Styrene
Concen: 20.256 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion:104 Resp: 424926
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.6 43.7 65.5

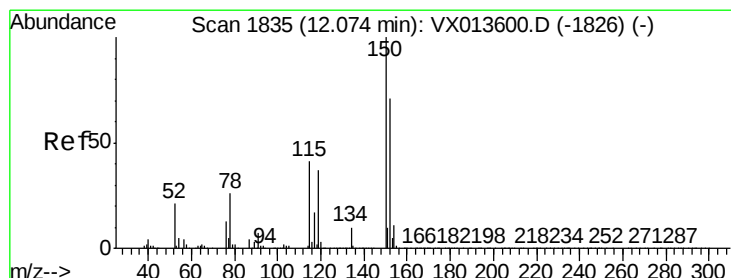
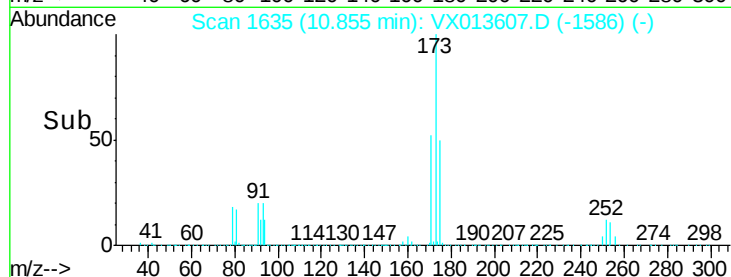
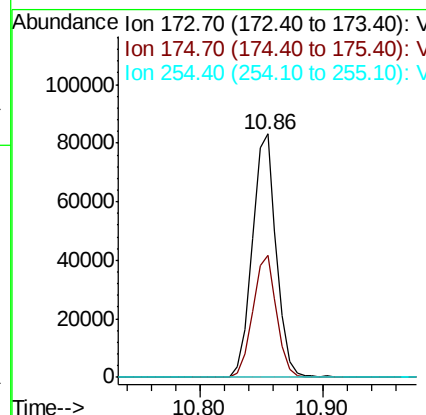
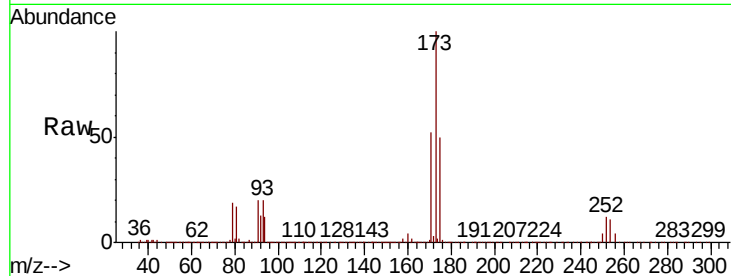




#71
Bromoform
Concen: 19.669 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

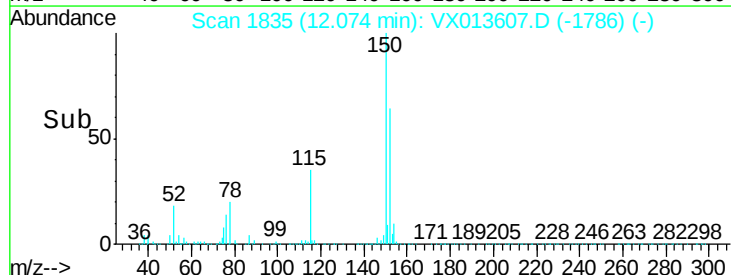
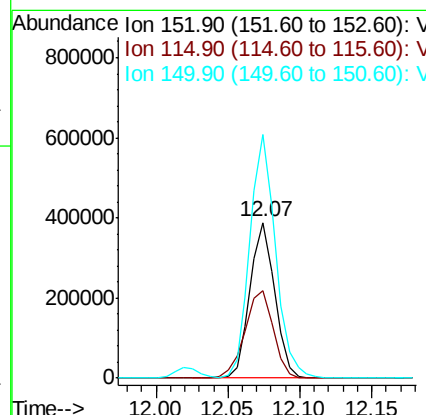
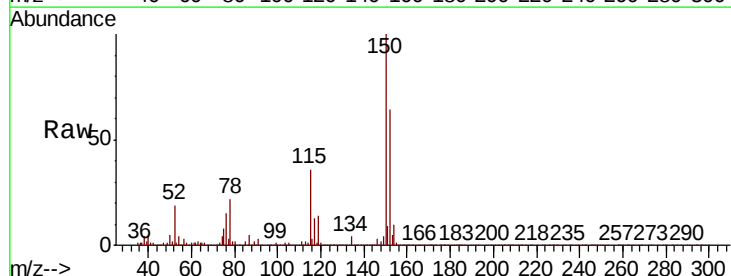
Instrument :
MSVOA_X
ClientSampleId :

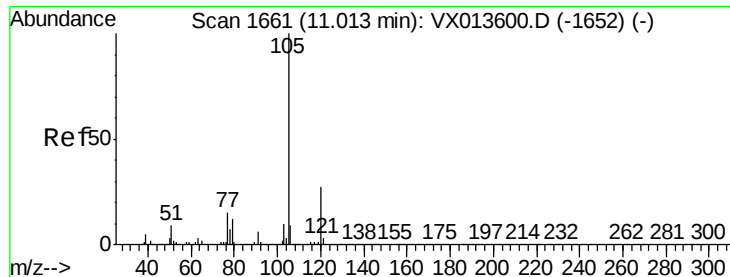
Tot Ion:173 Resp: 113583
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.8
254 0.1 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion:152 Resp: 460800
Ion Ratio Lower Upper
152 100
115 64.5 38.4 115.1
150 162.5 0.0 346.8





#73

Isopropylbenzene

Concen: 20.615 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

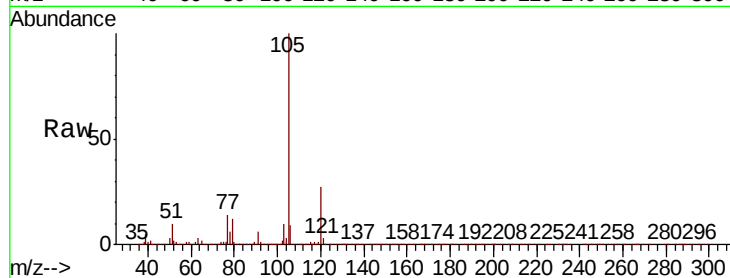
ClientSampleId :

Tot Ion:105 Resp: 666339

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

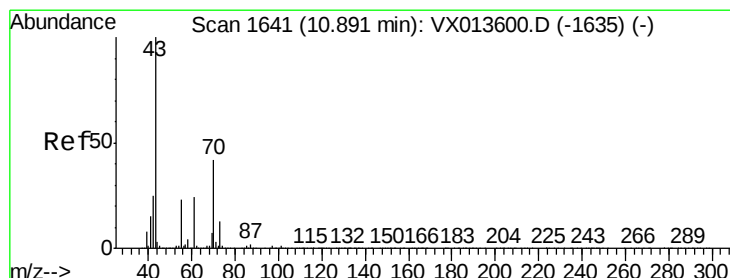
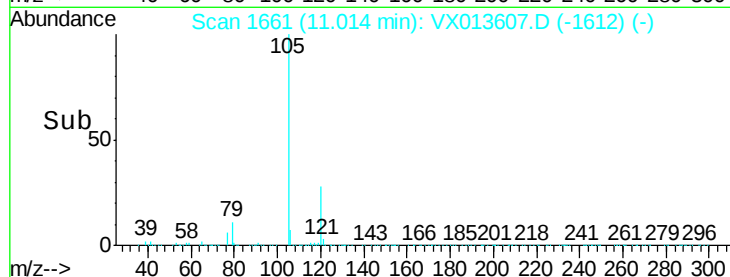
100000

0

11.01

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 20.415 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Tgt Ion: 43 Resp: 302278

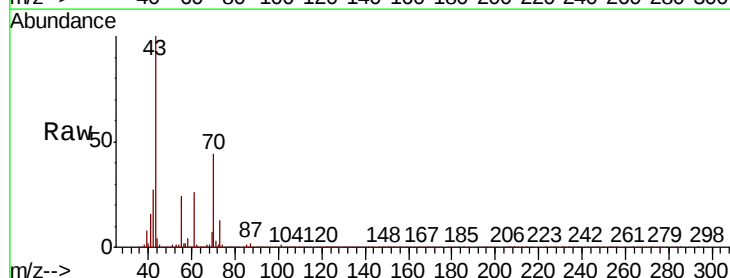
Ion Ratio Lower Upper

43 100

70 43.7 34.3 51.5

55 24.2 18.5 27.7

61 25.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

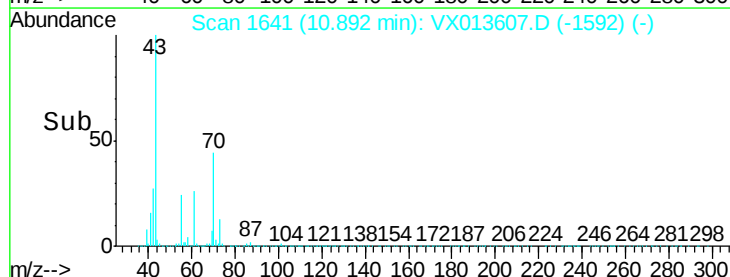
100000

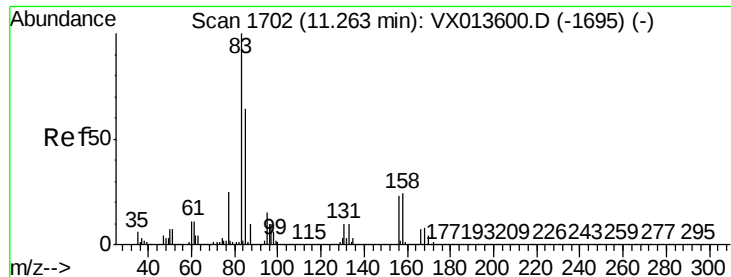
0

10.89

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.206 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

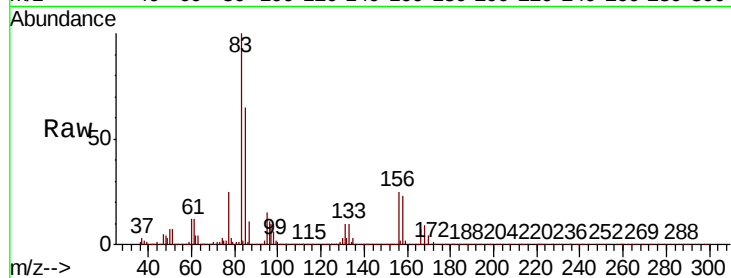
Tot Ion: 83 Resp: 226496

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

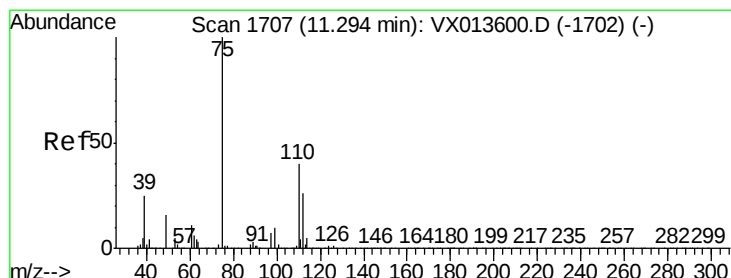
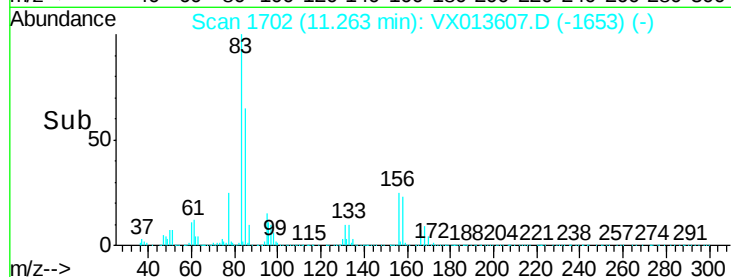
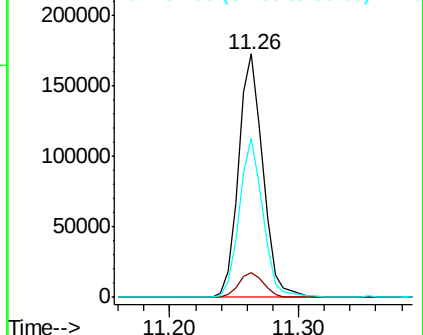
85 63.2 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.481 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013607.D

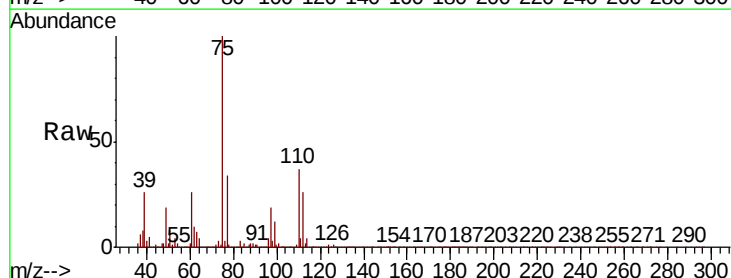
Acq: 26 Nov 2019 18:33

Tgt Ion: 75 Resp: 253726

Ion Ratio Lower Upper

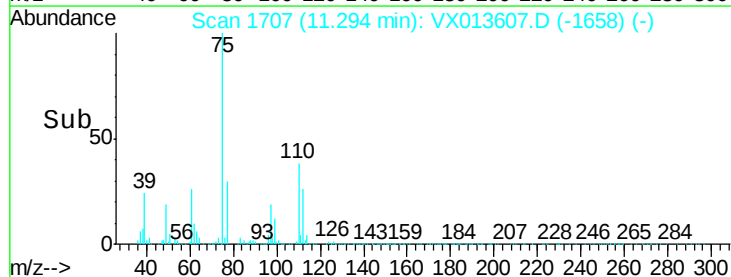
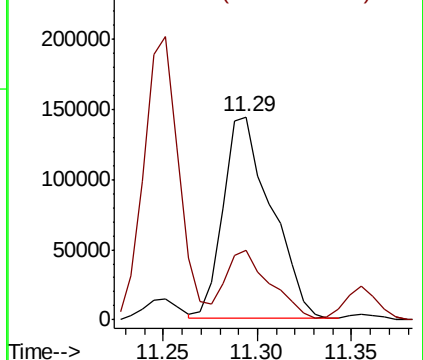
75 100

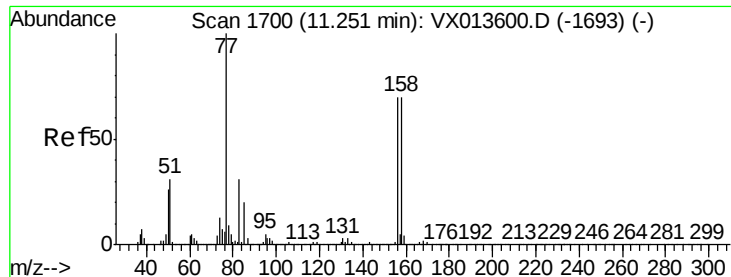
77 31.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.010 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

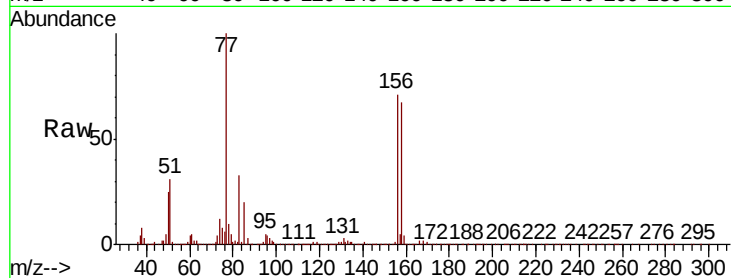
Tot Ion:156 Resp: 174729

Ion Ratio Lower Upper

156 100

77 150.3 74.4 223.1

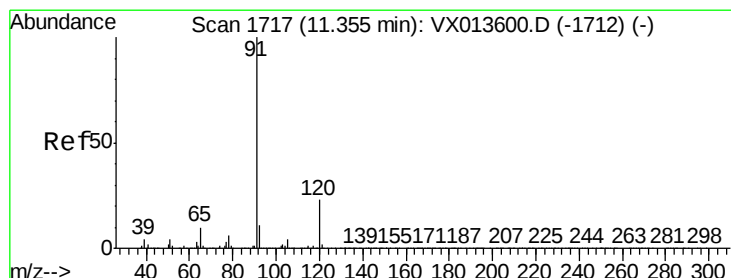
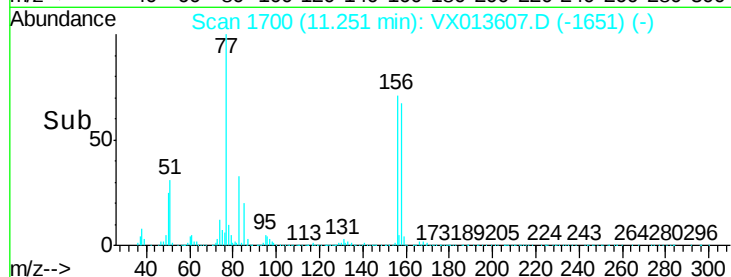
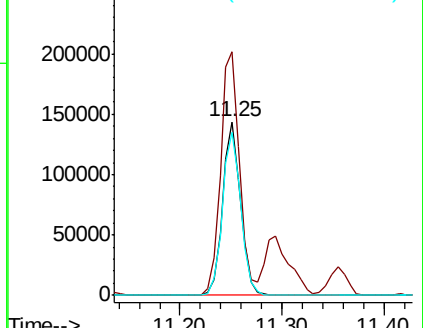
158 97.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.662 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013607.D

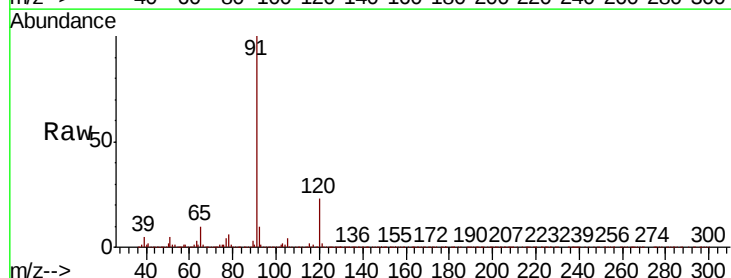
Acq: 26 Nov 2019 18:33

Tgt Ion: 91 Resp: 745546

Ion Ratio Lower Upper

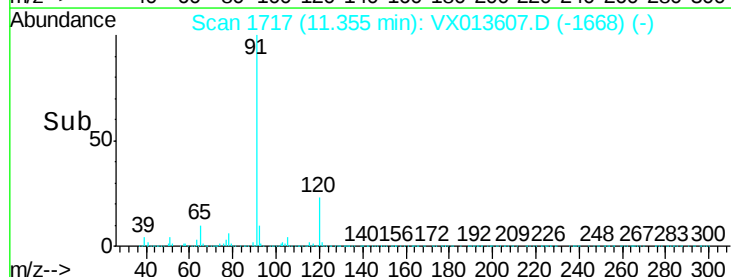
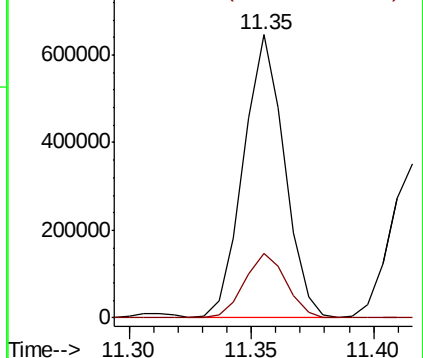
91 100

120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.484 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

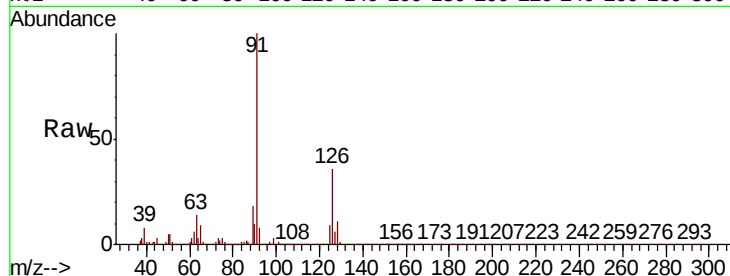
ClientSampleId :

Tot Ion: 91 Resp: 443381

Ion Ratio Lower Upper

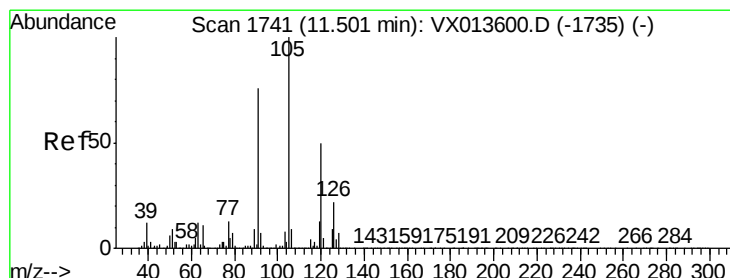
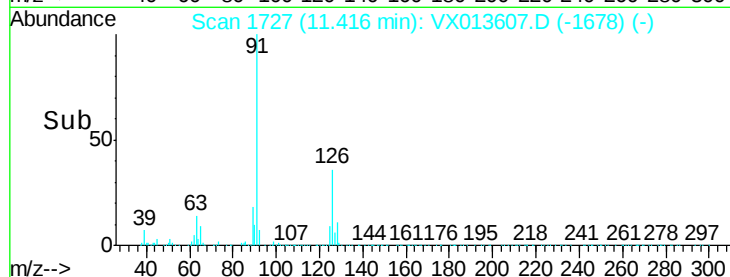
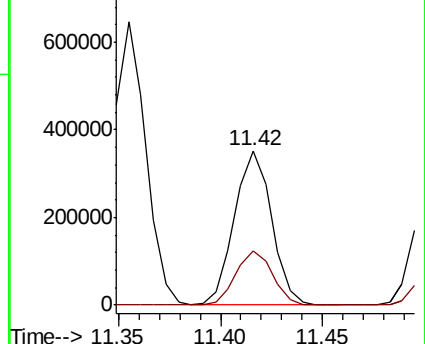
91 100

126 34.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013607.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013607.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.798 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013607.D

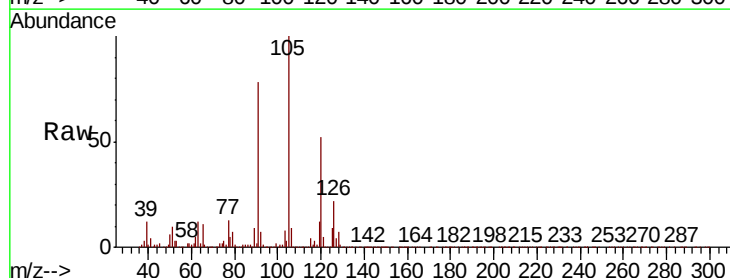
Acq: 26 Nov 2019 18:33

Tgt Ion: 105 Resp: 550968

Ion Ratio Lower Upper

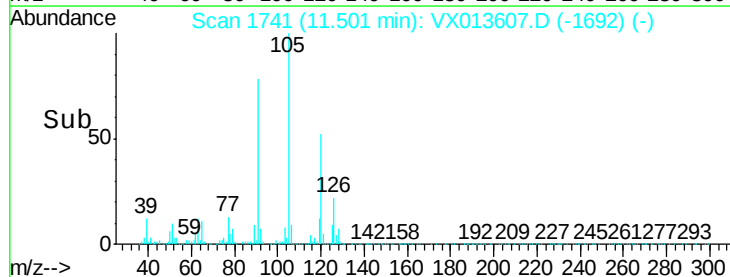
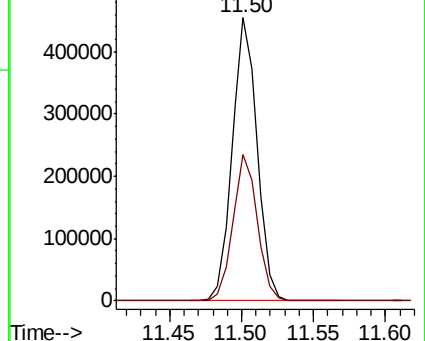
105 100

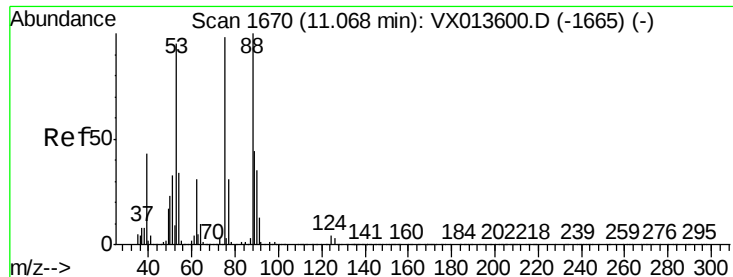
120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013607.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013607.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.273 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

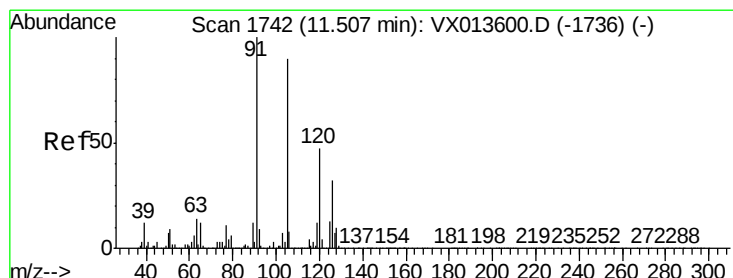
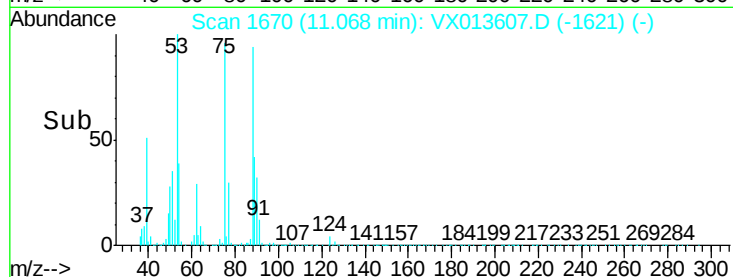
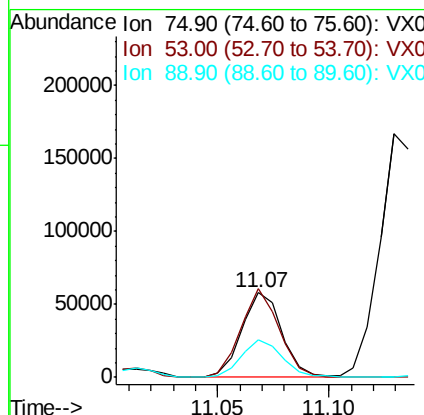
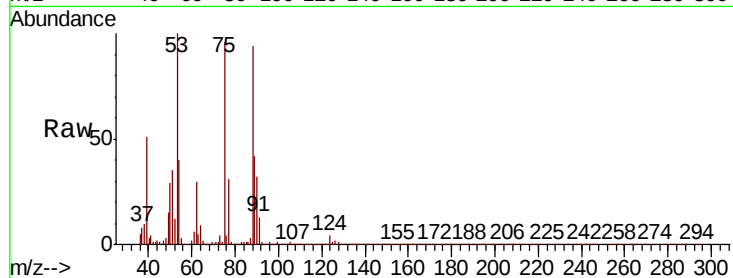
Tot Ion: 75 Resp: 73011

Ion Ratio Lower Upper

75 100

53 100.0 78.2 117.2

89 44.1 35.4 53.2



#82

4-Chlorotoluene

Concen: 20.237 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013607.D

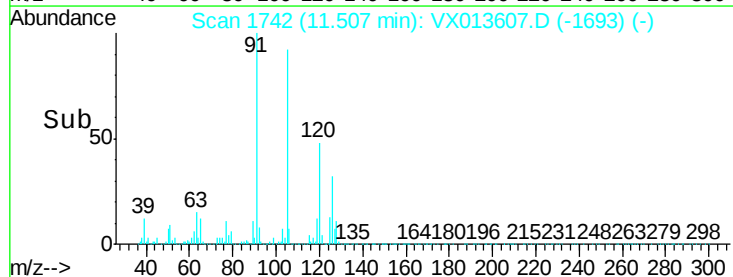
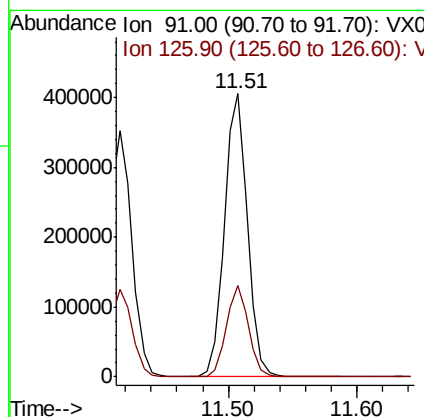
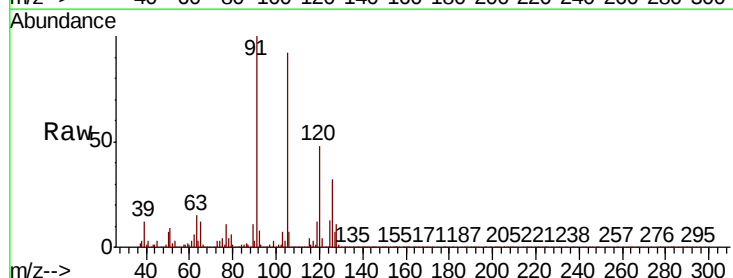
Acq: 26 Nov 2019 18:33

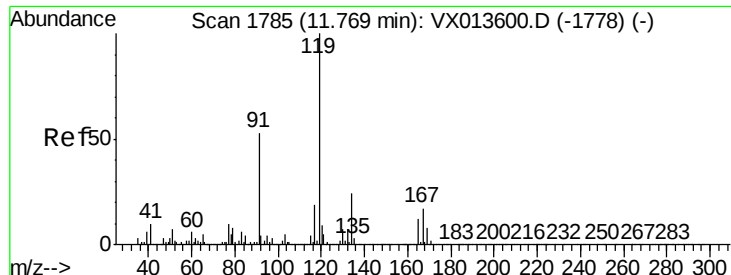
Tgt Ion: 91 Resp: 507334

Ion Ratio Lower Upper

91 100

126 30.9 15.7 47.0

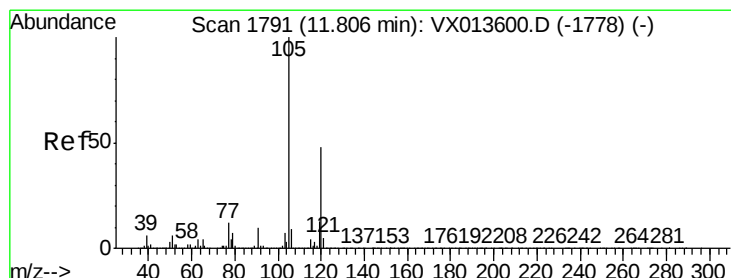
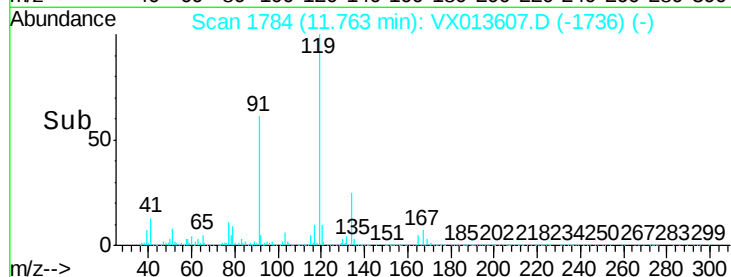
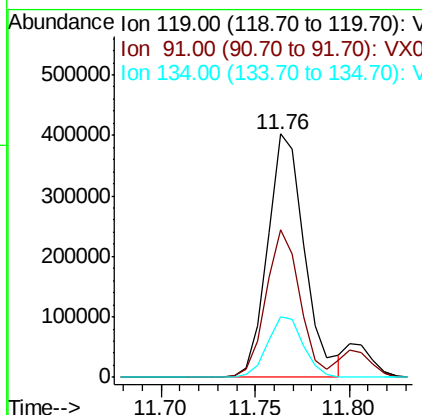
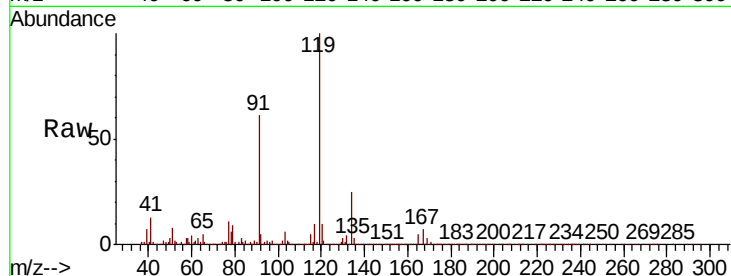




#83
tert-Butylbenzene
Concen: 20.311 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

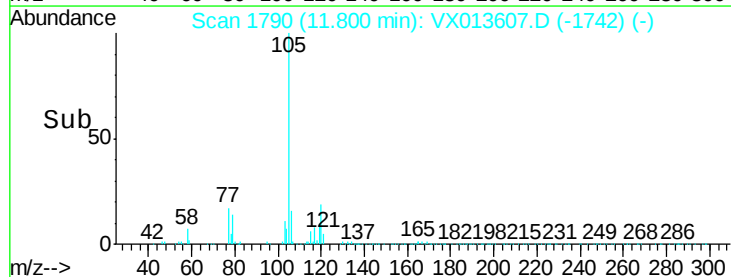
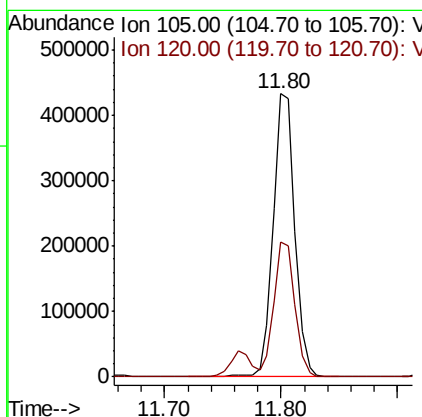
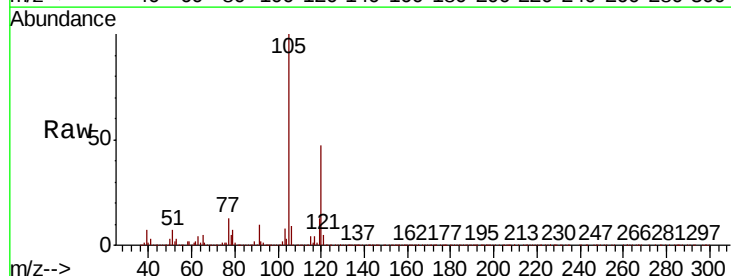
Instrument :
MSVOA_X
ClientSampleId :

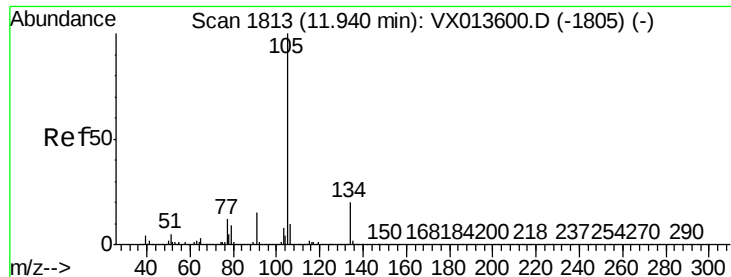
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.5	27.2	81.6
134	24.0	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.763 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.821 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

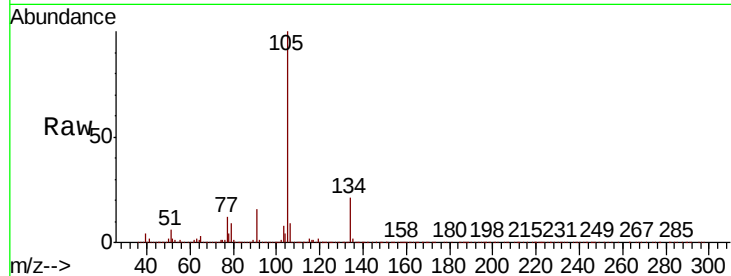
ClientSampleId :

Tot Ion:105 Resp: 640291

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

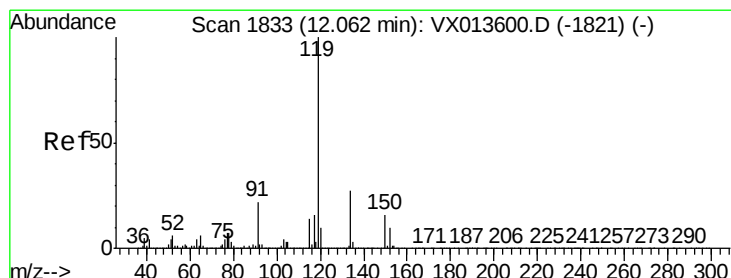
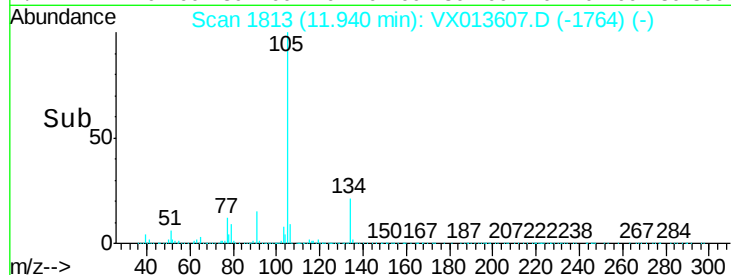
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.595 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

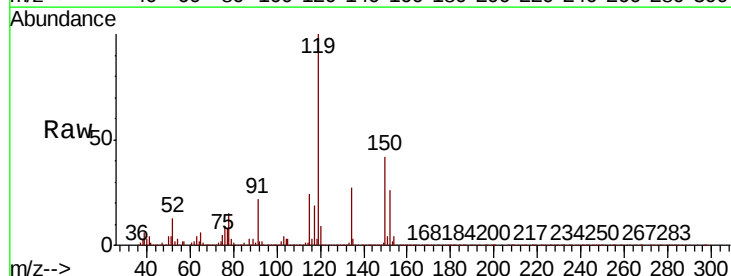
Tgt Ion:119 Resp: 589212

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 22.6 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

600000

500000

400000

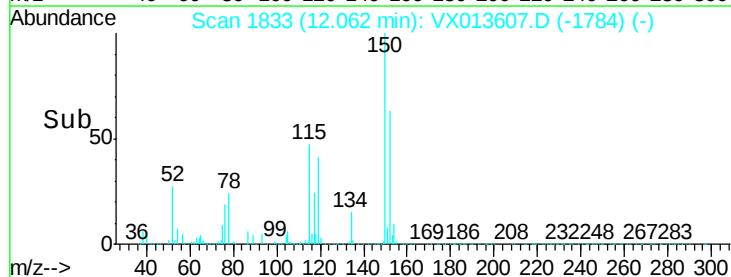
300000

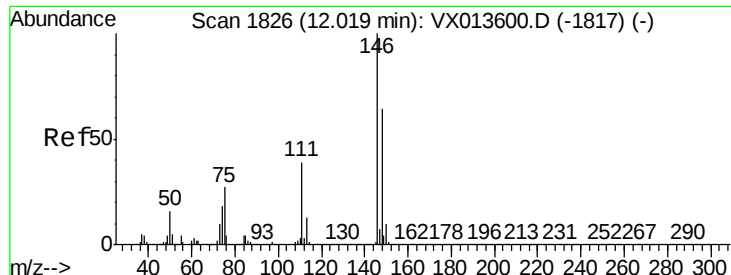
200000

100000

0

Time--> 12.00 12.10

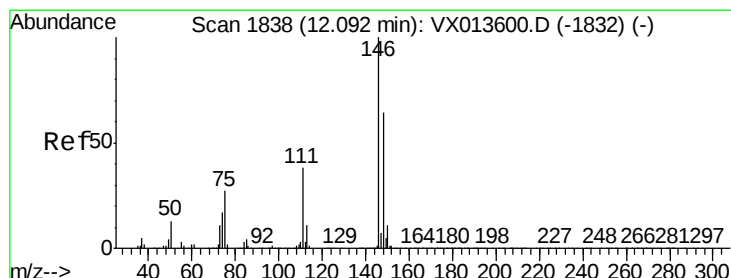
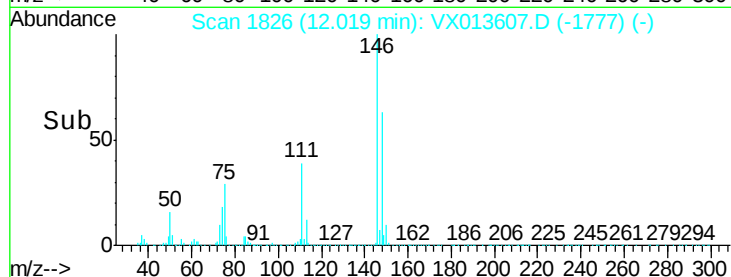
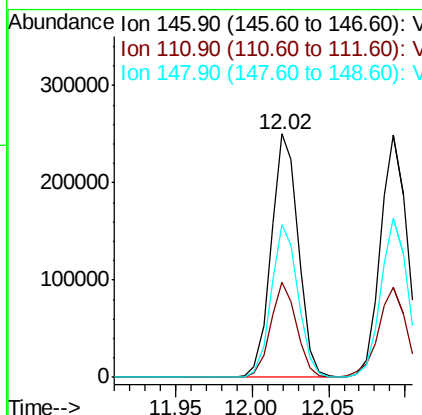
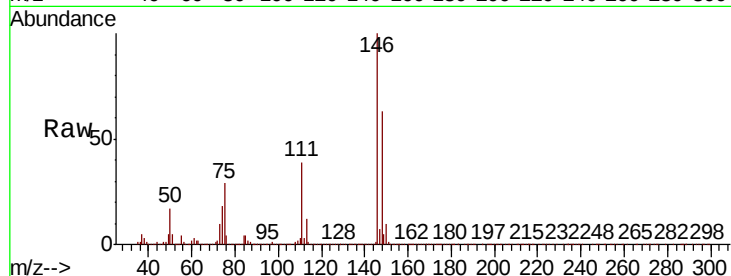




#87
 1,3-Dichlorobenzene
 Concen: 20.242 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

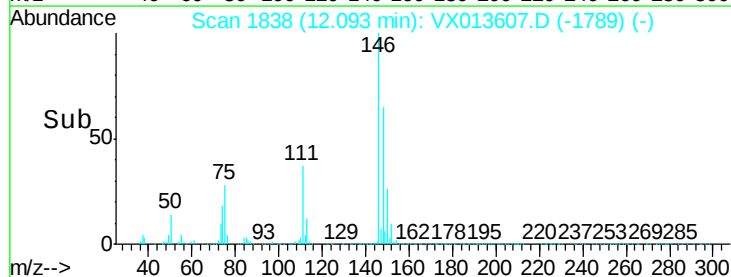
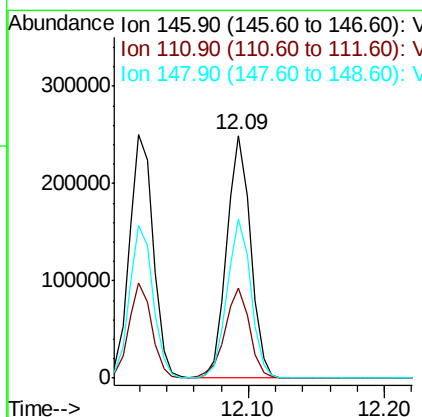
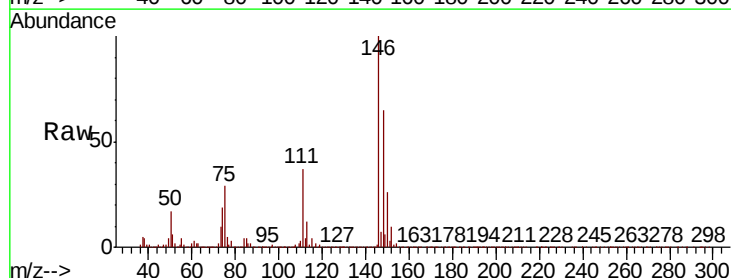
Instrument :
 MSVOA_X
 ClientSampleId :

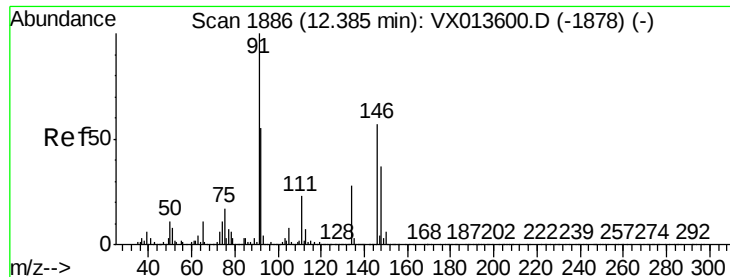
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	62.4	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.494 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	65.3	31.9	95.5

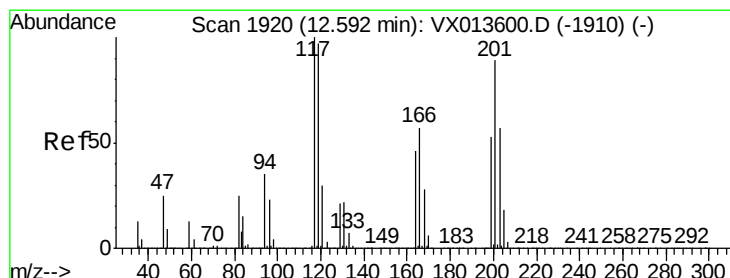
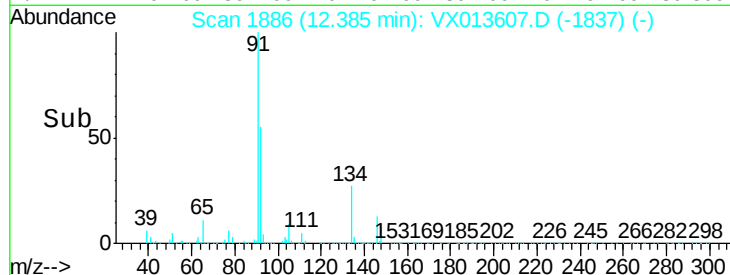
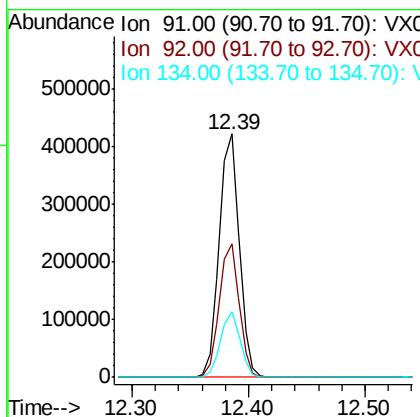
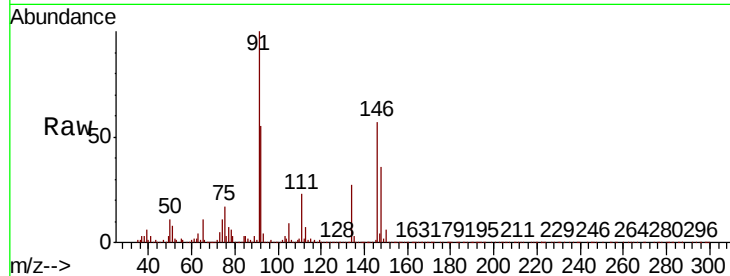




#89
n-Butylbenzene
Concen: 20.474 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

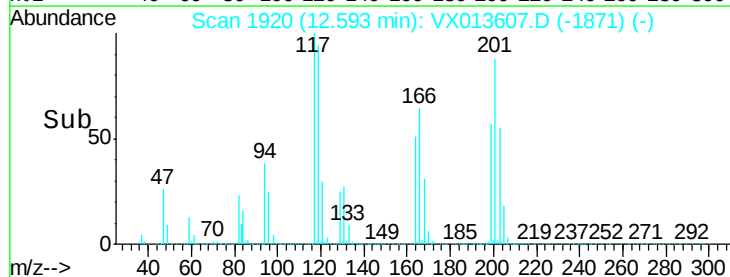
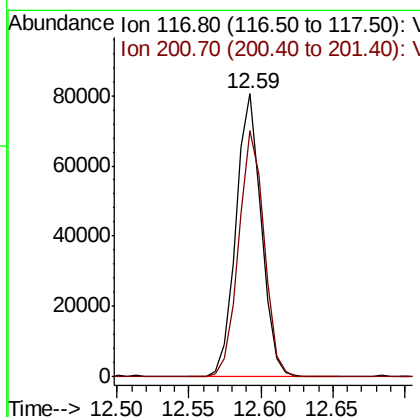
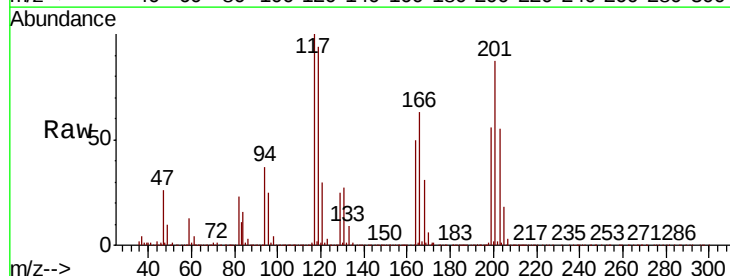
Instrument :
MSVOA_X
ClientSampled :

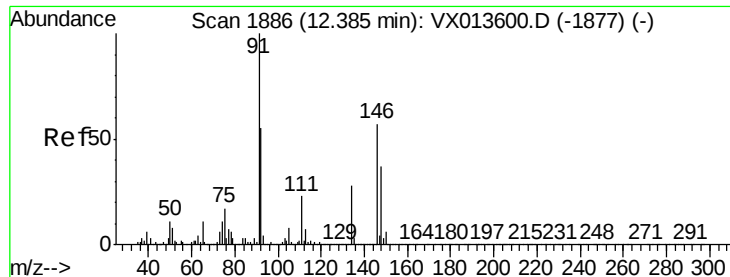
Tot Ion: 91 Resp: 499580
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.2
134 26.7 13.5 40.4



#90
Hexachloroethane
Concen: 19.002 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013607.D
Acq: 26 Nov 2019 18:33

Tgt Ion: 117 Resp: 98260
Ion Ratio Lower Upper
117 100
201 87.9 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 20.338 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

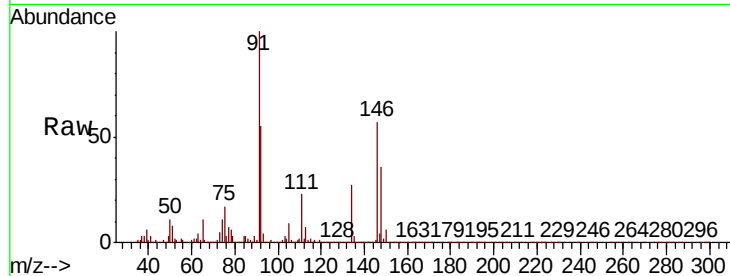
Tot Ion:146 Resp: 305881

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

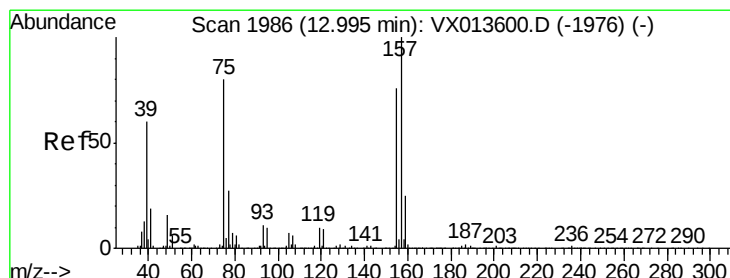
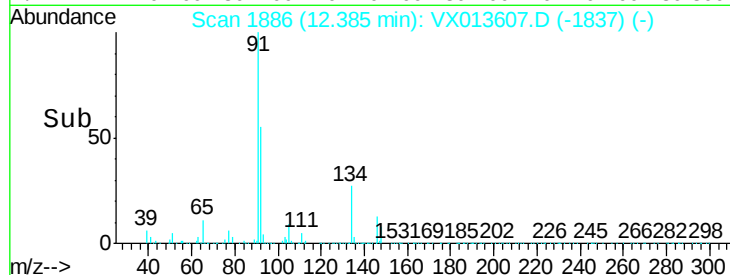
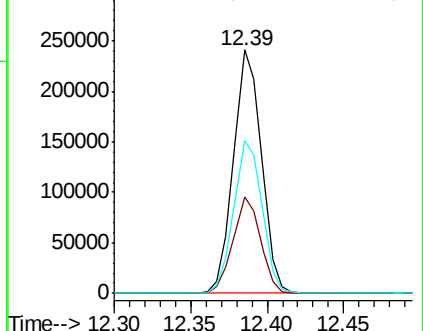
148 63.5 31.9 95.7



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: 20.872 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

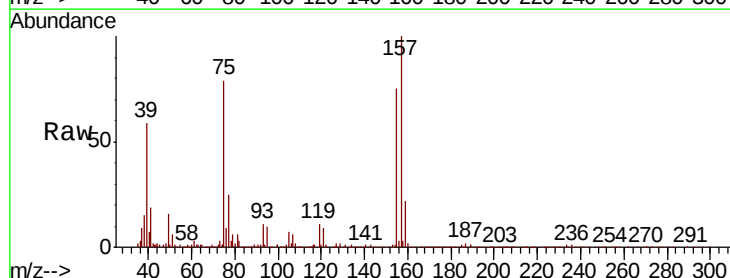
Tgt Ion: 75 Resp: 50949

Ion Ratio Lower Upper

75 100

155 93.4 47.6 142.8

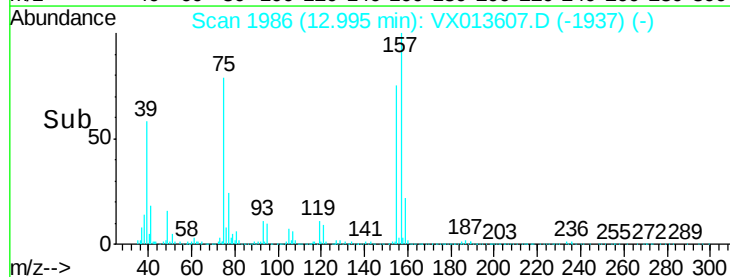
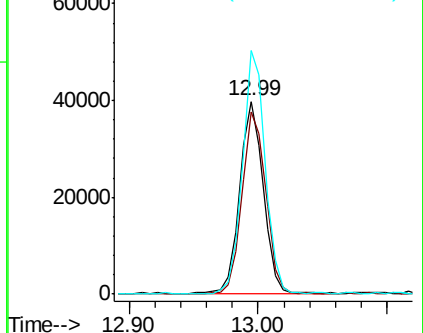
157 120.6 62.1 186.2

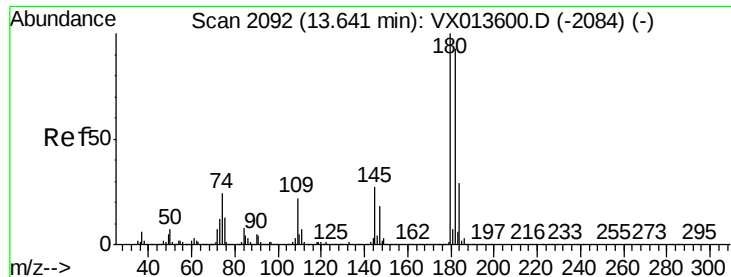


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

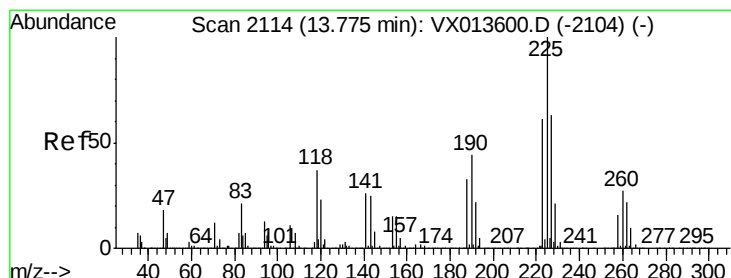
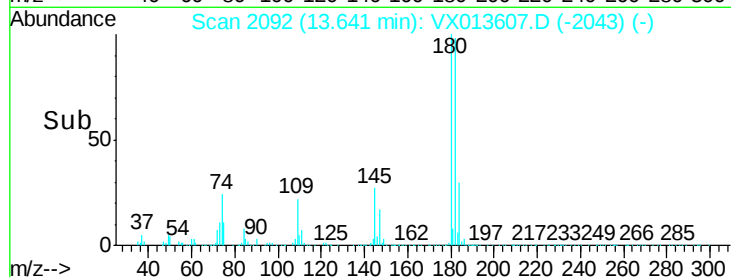
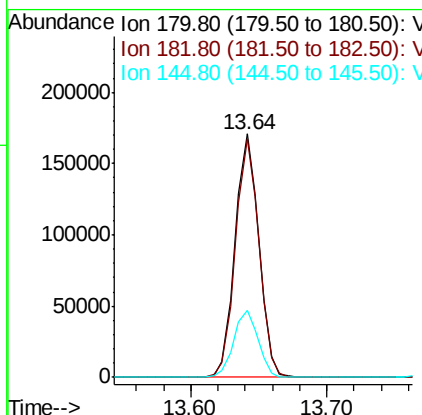
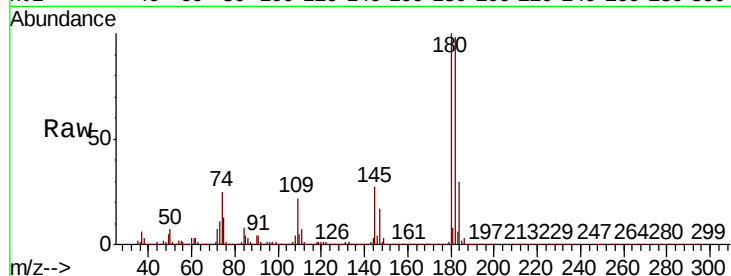




#93
 1,2,4-Trichlorobenzene
 Concen: 19.847 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

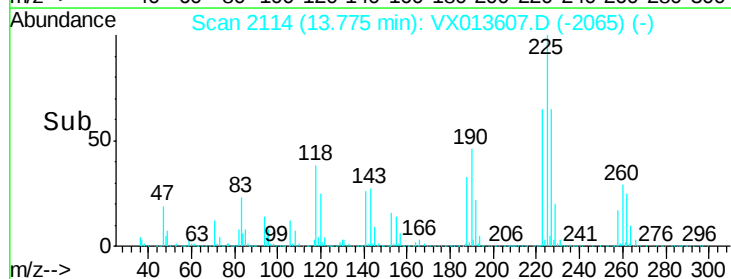
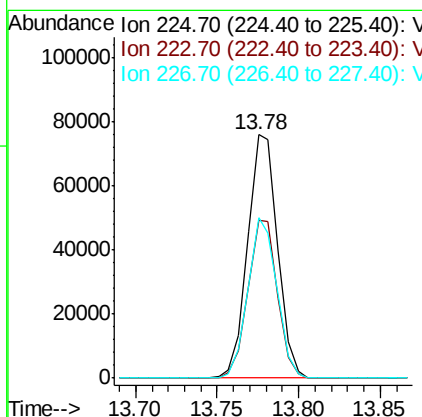
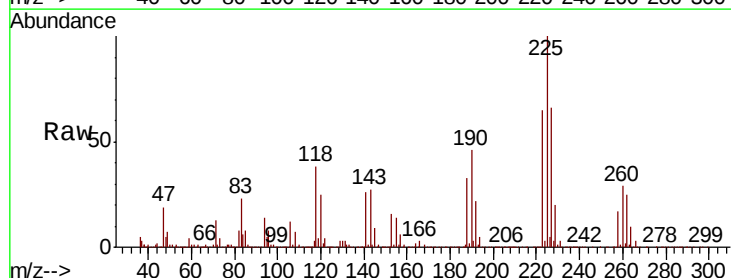
Instrument :
 MSVOA_X
 ClientSampleId :

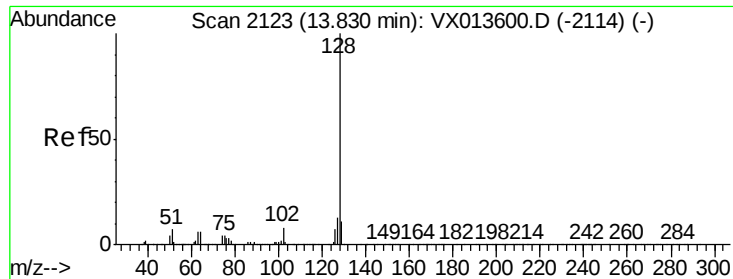
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.2	141.6
145	28.0	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 19.305 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013607.D
 Acq: 26 Nov 2019 18:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.5
227	63.8	32.1	96.3





#95

Naphthalene

Concen: 20.604 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

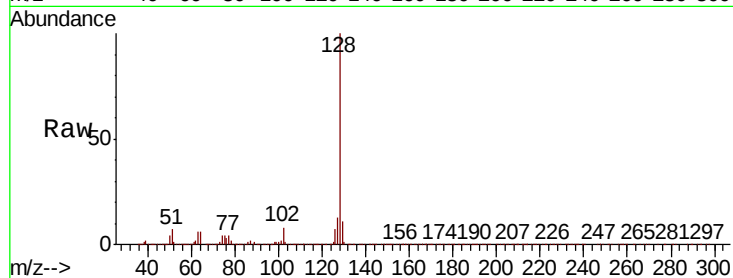
Tot Ion:128 Resp: 643146

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

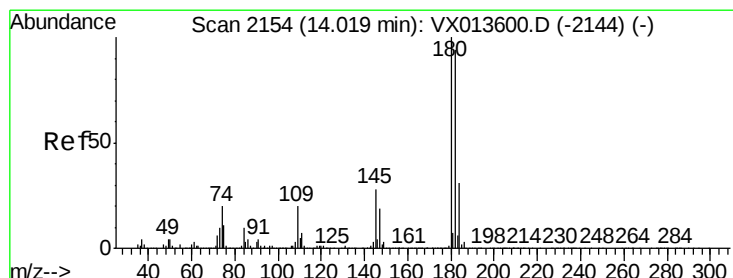
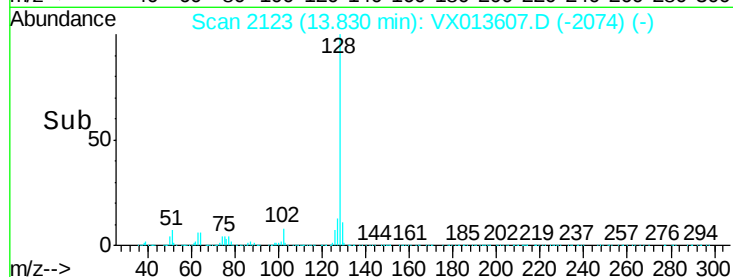
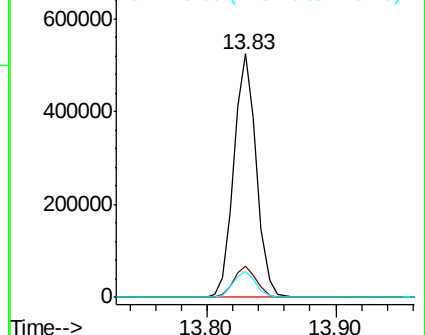
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.325 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013607.D

Acq: 26 Nov 2019 18:33

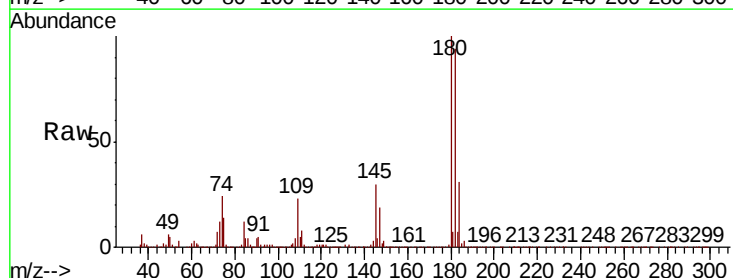
Tgt Ion:180 Resp: 210933

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.8

145 29.9 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

