

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013771.D
 Acq On : 05 Dec 2019 13:04
 Operator : JC/SP
 Sample : VX1205WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Quant Time: Dec 06 02:25:25 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	623738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	938163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	839527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	428541	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	334781	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
35) Dibromofluoromethane	5.48	113	276688	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
50) Toluene-d8	8.71	98	1044112	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
62) 4-Bromofluorobenzene	11.13	95	380328	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	125912	18.136	ug/l	98
3) Chloromethane	1.32	50	135639	17.412	ug/l	100
4) Vinyl Chloride	1.40	62	156427	17.841	ug/l	100
5) Bromomethane	1.63	94	94430	16.037	ug/l	94
6) Chloroethane	1.72	64	91357	18.310	ug/l	94
7) Trichlorofluoromethane	1.92	101	178625	18.347	ug/l	99
8) Diethyl Ether	2.17	74	85137	19.329	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112731	18.957	ug/l	98
10) Methyl Iodide	2.50	142	116907	16.251	ug/l	98
11) Tert butyl alcohol	3.03	59	149525	83.668	ug/l	98
12) 1,1-Dichloroethene	2.36	96	107898	18.177	ug/l	99
13) Acrolein	2.28	56	100735	88.265	ug/l	98
14) Allyl chloride	2.72	41	196226	18.216	ug/l	99
15) Acrylonitrile	3.12	53	345472	93.651	ug/l	99
16) Acetone	2.43	43	333647	93.339	ug/l	98
17) Carbon Disulfide	2.56	76	285526	16.874	ug/l	99
18) Methyl Acetate	2.76	43	200089	20.102	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	387402	19.701	ug/l	100
20) Methylene Chloride	2.84	84	130762	19.041	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	117083	18.106	ug/l	96
22) Diisopropyl ether	3.84	45	406699	19.607	ug/l	91
23) Vinyl Acetate	3.80	43	1674648	97.050	ug/l	100
24) 1,1-Dichloroethane	3.69	63	215778	19.030	ug/l	98
25) 2-Butanone	4.65	43	494619	93.105	ug/l	98
26) 2,2-Dichloropropane	4.56	77	169429	18.060	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	137266	18.484	ug/l	99
28) Bromochloromethane	5.00	49	90362	20.158	ug/l	100
29) Tetrahydrofuran	5.11	42	312124	95.305	ug/l	99
30) Chloroform	5.20	83	215509	18.741	ug/l	96
31) Cyclohexane	5.56	56	189863	17.752	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	177787	18.501	ug/l	99
36) 1,1-Dichloropropene	5.79	75	156984	18.434	ug/l	99
37) Ethyl Acetate	4.81	43	187721	19.649	ug/l	100
38) Carbon Tetrachloride	5.77	117	149981	19.099	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	195420	18.564	ug/l	99
40) Benzene	6.13	78	488101	18.818	ug/l	99
41) Methacrylonitrile	5.03	41	102432	19.550	ug/l	98
42) 1,2-Dichloroethane	6.18	62	180266	20.379	ug/l	99
43) Isopropyl Acetate	6.43	43	307377	19.542	ug/l	99
44) Trichloroethene	7.20	130	130125	18.280	ug/l	97
45) 1,2-Dichloropropane	7.51	63	130891	20.170	ug/l	95
46) Dibromomethane	7.65	93	85506	19.400	ug/l	98
47) Bromodichloromethane	7.89	83	165312	19.840	ug/l	96
48) Methyl methacrylate	7.76	41	150284	19.665	ug/l	98
49) 1,4-Dioxane	7.73	88	62080	362.911	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	968297	97.870	ug/l	99
52) Toluene	8.78	92	308276	19.132	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181933	19.183	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	201806	19.476	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129165	19.892	ug/l	98
56) Ethyl methacrylate	9.17	69	207041	19.832	ug/l	99
57) 1,3-Dichloropropane	9.36	76	216936	19.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	366298	89.491	ug/l	98
59) 2-Hexanone	9.48	43	733121	95.009	ug/l	100
60) Dibromochloromethane	9.57	129	136545	20.263	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138687	19.998	ug/l	97
64) Tetrachloroethene	9.33	164	122604	19.583	ug/l	98
65) Chlorobenzene	10.14	112	335216	19.232	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	124538	19.897	ug/l	99
67) Ethyl Benzene	10.25	91	587092	19.601	ug/l	98
68) m/p-Xylenes	10.36	106	450858	39.317	ug/l	99
69) o-Xylene	10.70	106	219353	19.613	ug/l	99
70) Styrene	10.71	104	371378	19.740	ug/l	99
71) Bromoform	10.85	173	102540	19.800	ug/l #	97
73) Isopropylbenzene	11.01	105	577871	19.224	ug/l	100
74) N-amyl acetate	10.89	43	260982	18.952	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	203740	19.544	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	219877	22.812	ug/l	88
77) Bromobenzene	11.25	156	155652	19.167	ug/l	98
78) n-propylbenzene	11.35	91	643400	19.173	ug/l	99
79) 2-Chlorotoluene	11.42	91	390316	19.390	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	483222	19.613	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62745	17.809	ug/l	99
82) 4-Chlorotoluene	11.51	91	446340	19.144	ug/l	99
83) tert-Butylbenzene	11.76	119	494549	19.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	485712	19.425	ug/l	100
85) sec-Butylbenzene	11.94	105	559749	19.572	ug/l	100
86) p-Isopropyltoluene	12.06	119	517751	19.460	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	270833	19.132	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	270383	18.752	ug/l	100
89) n-Butylbenzene	12.39	91	426913	18.813	ug/l	99
90) Hexachloroethane	12.59	117	90401	18.798	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	271743	19.429	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42691	18.805	ug/l	98

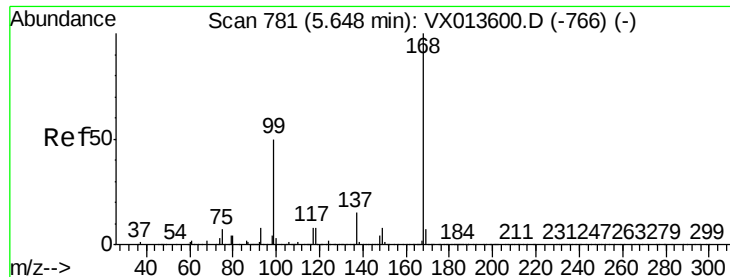
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
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MSVOA_X
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	181610	18.631	ug/l	99
94) Hexachlorobutadiene	13.78	225	86128	18.393	ug/l	99
95) Naphthalene	13.83	128	553397	19.063	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	183344	18.996	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

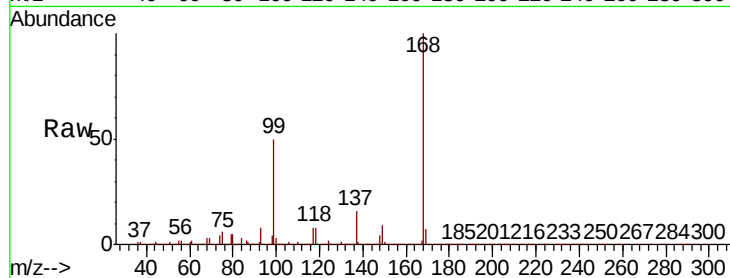
VX1205WBSD02

Tot Ion:168 Resp: 623738

Ion Ratio Lower Upper

168 100

99 50.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

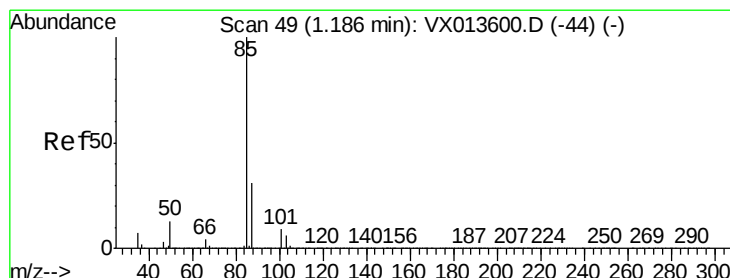
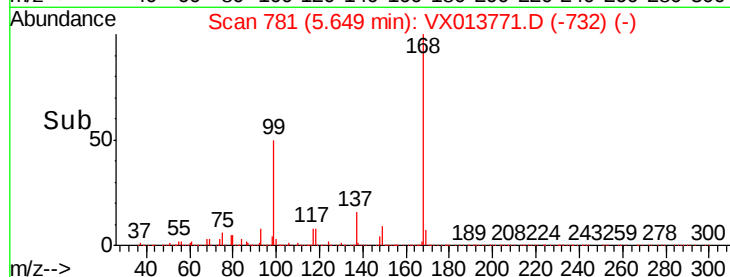
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.136 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013771.D

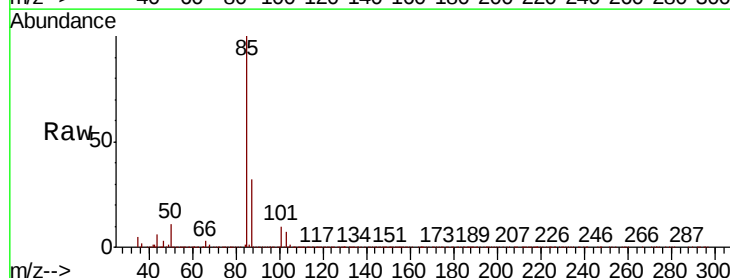
Acq: 05 Dec 2019 13:04

Tgt Ion: 85 Resp: 125912

Ion Ratio Lower Upper

85 100

87 32.2 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

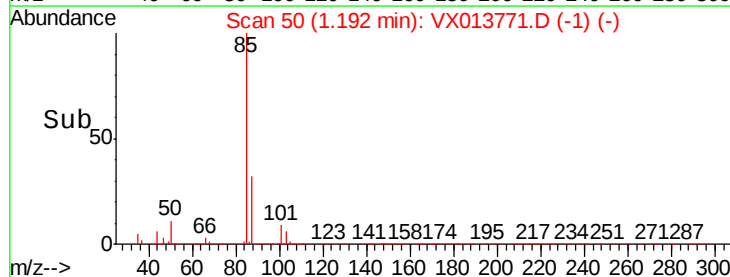
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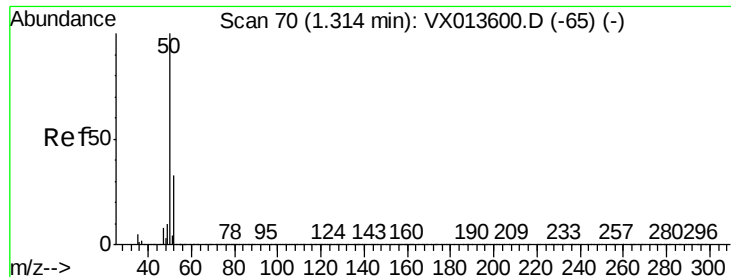
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.412 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

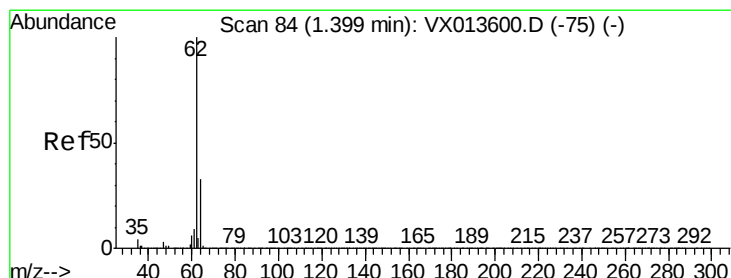
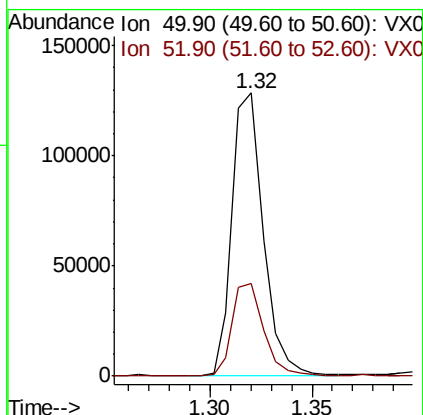
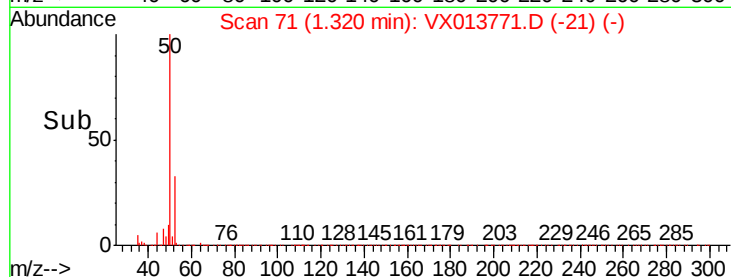
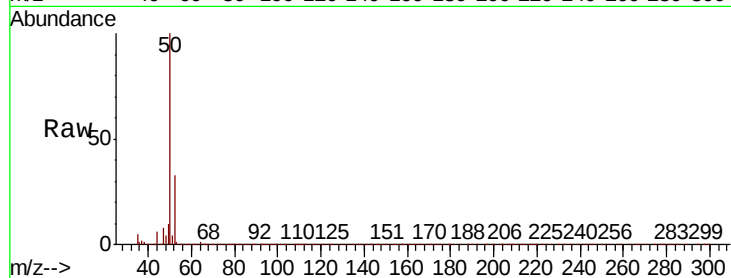
VX1205WBSD02

Tot Ion: 50 Resp: 135639

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 17.841 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013771.D

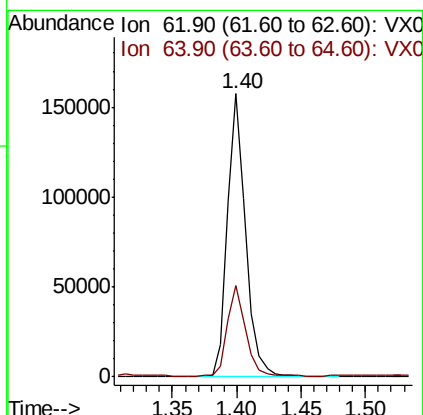
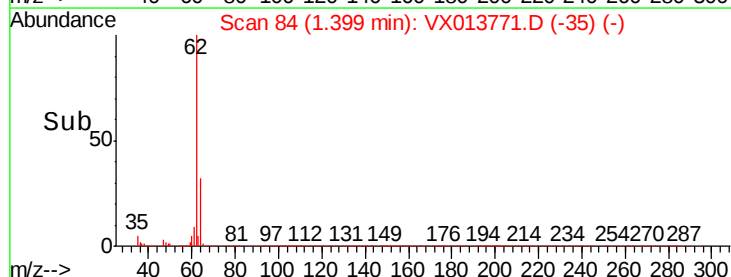
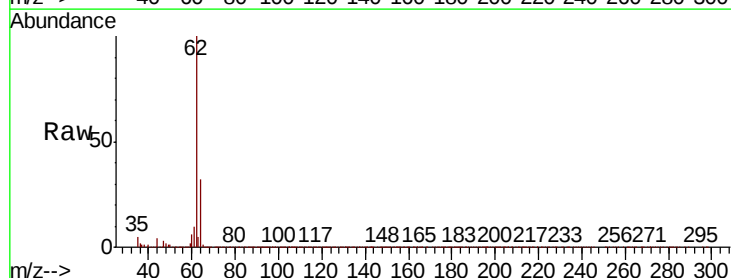
Acq: 05 Dec 2019 13:04

Tgt Ion: 62 Resp: 156427

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 16.037 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

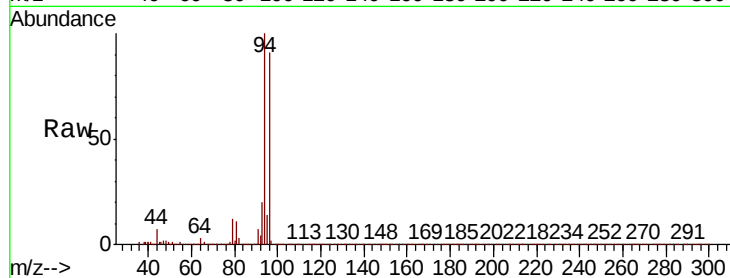
VX1205WBSD02

Tot Ion: 94 Resp: 94430

Ion Ratio Lower Upper

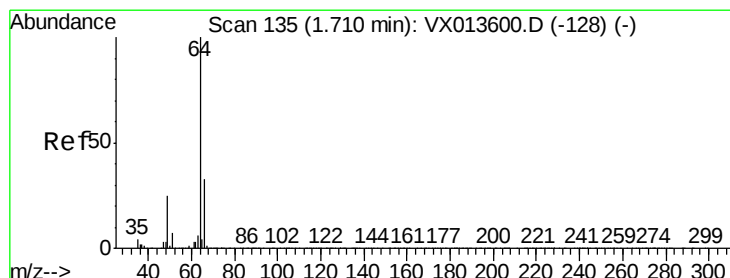
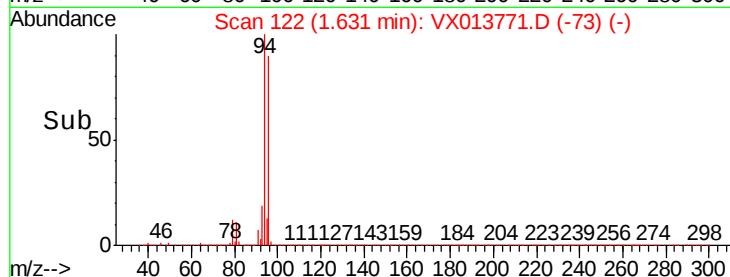
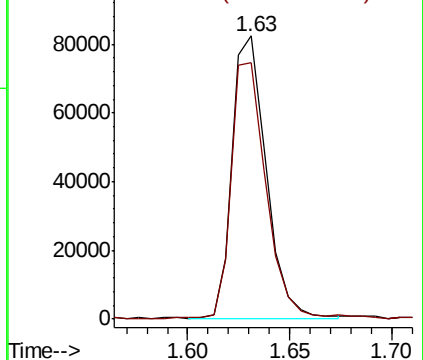
94 100

96 90.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.310 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013771.D

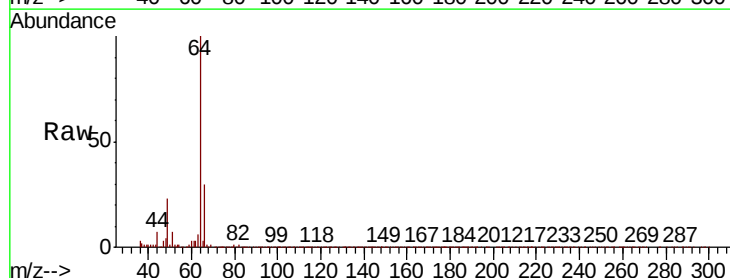
Acq: 05 Dec 2019 13:04

Tgt Ion: 64 Resp: 91357

Ion Ratio Lower Upper

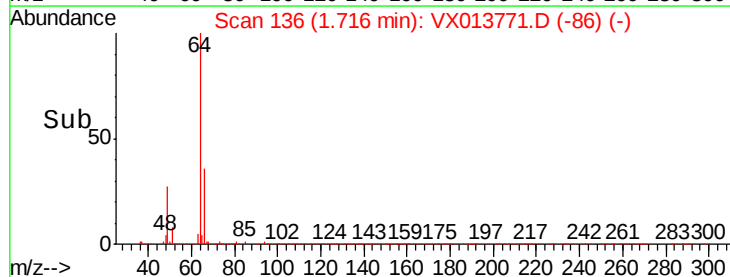
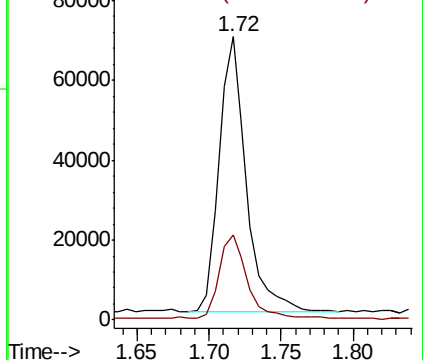
64 100

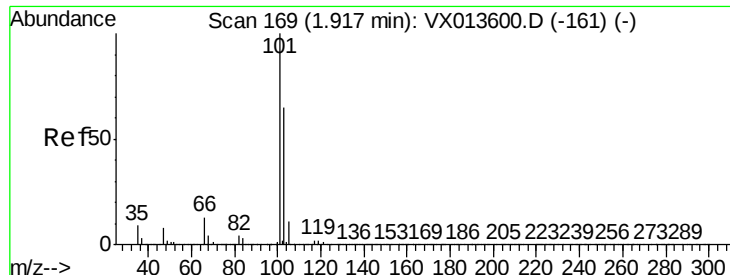
66 30.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



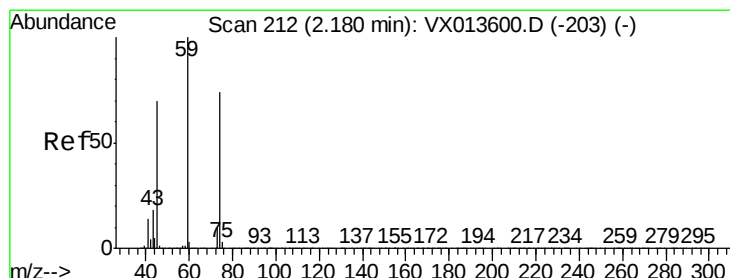
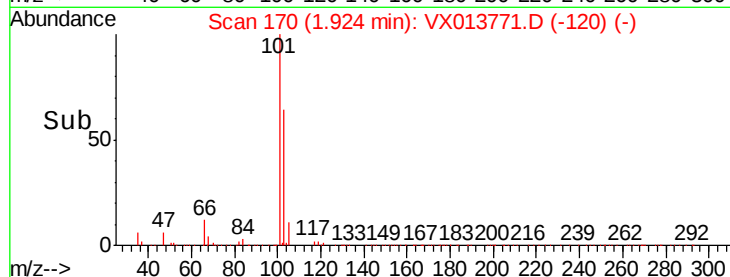
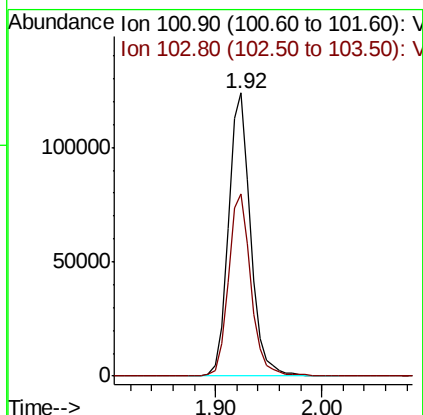
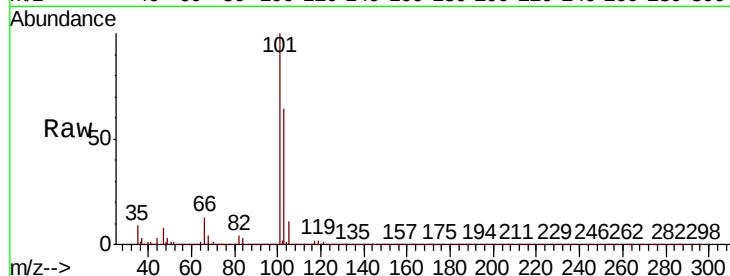


#7

Trichlorofluoromethane
Concen: 18.347 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
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VX1205WBSD02

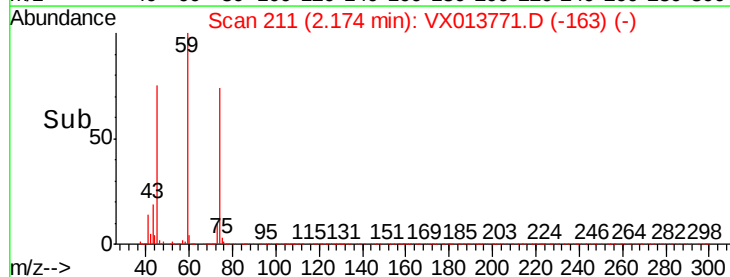
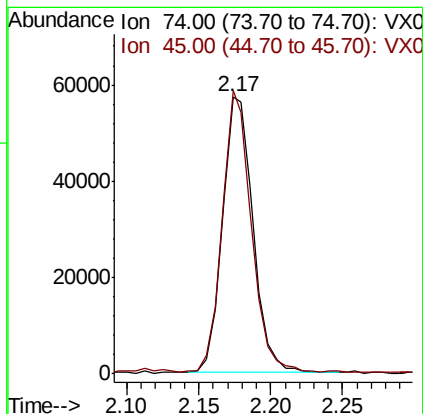
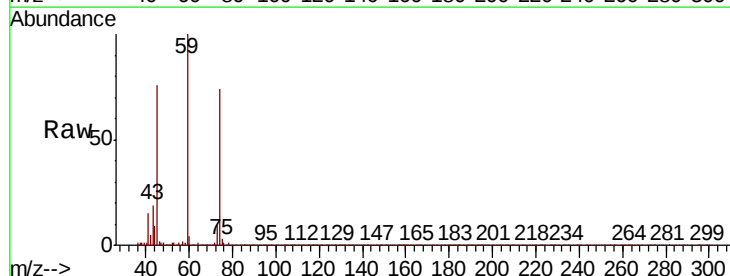
Tot Ion:101 Resp: 178625
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

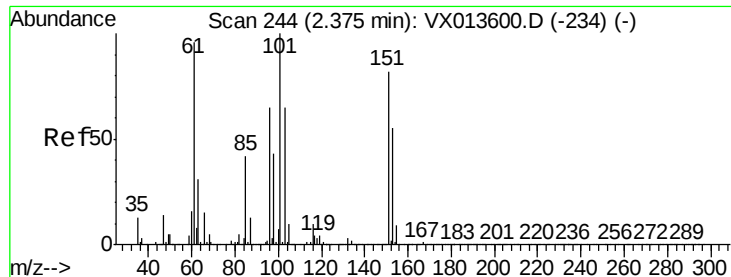


#8

Diethyl Ether
Concen: 19.329 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 74 Resp: 85137
Ion Ratio Lower Upper
74 100
45 99.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.957 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

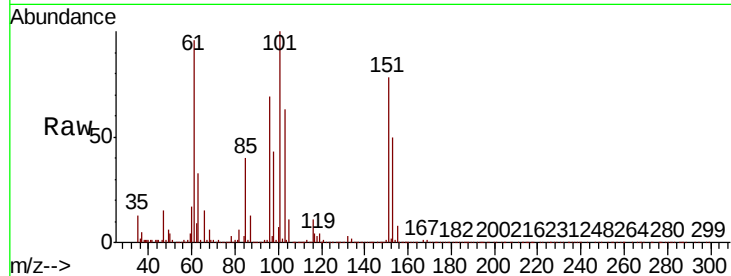
Tot Ion:101 Resp: 112731

Ion Ratio Lower Upper

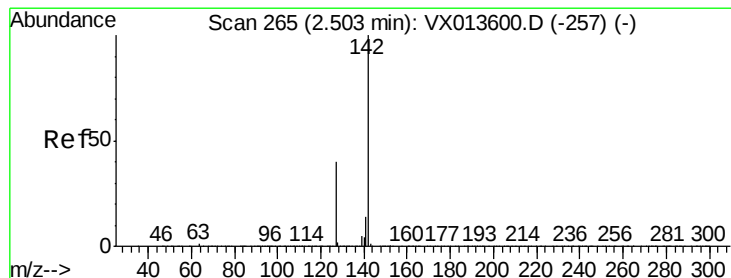
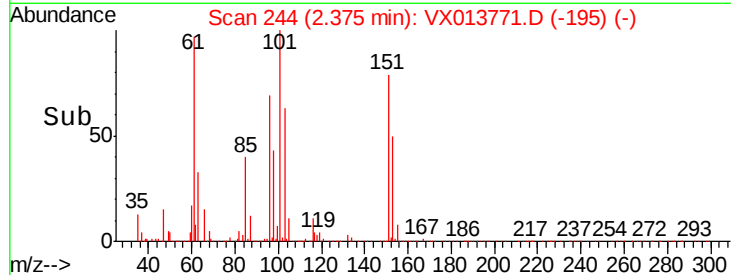
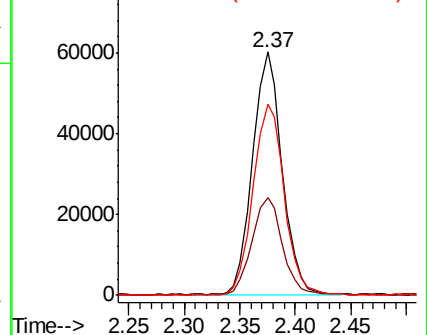
101 100

85 41.7 33.9 50.9

151 82.2 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.251 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

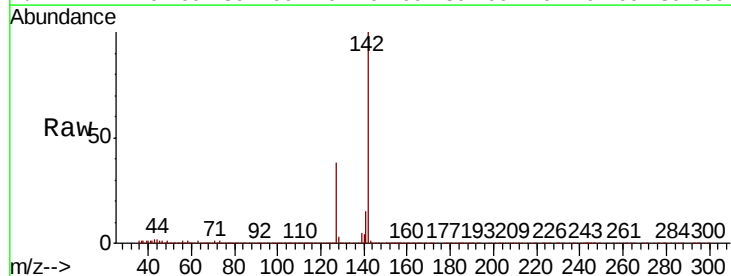
Tgt Ion:142 Resp: 116907

Ion Ratio Lower Upper

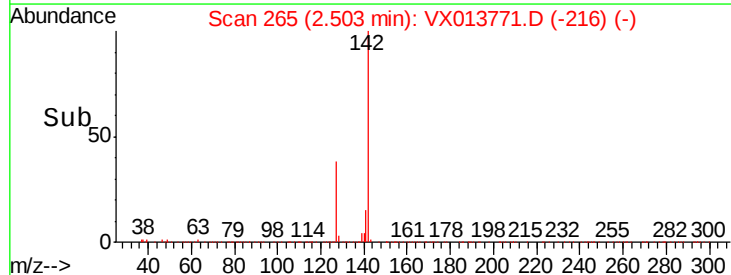
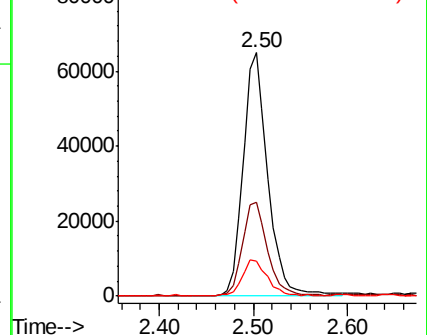
142 100

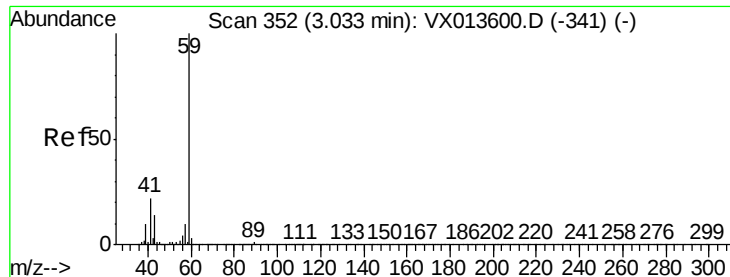
127 39.8 31.0 46.4

141 15.1 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



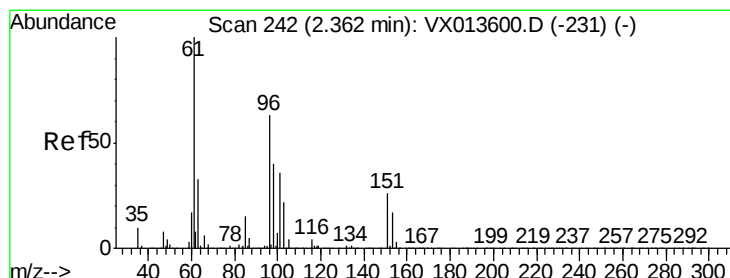
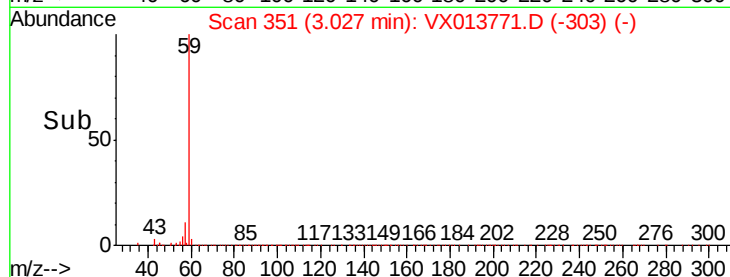
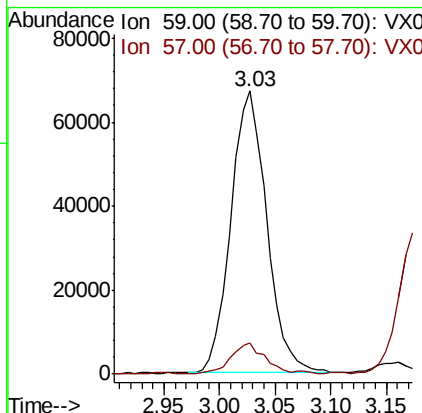
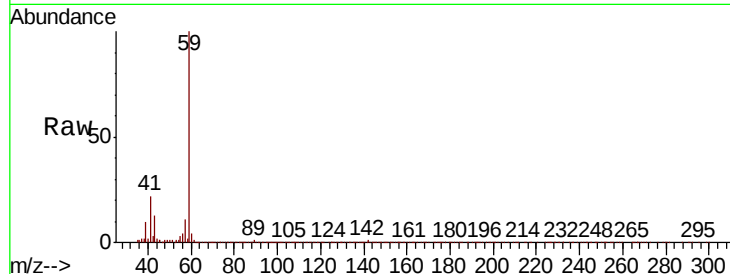


#11

Tert butyl alcohol
Concen: 83.668 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

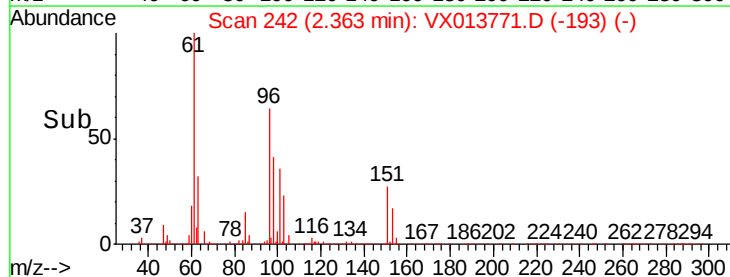
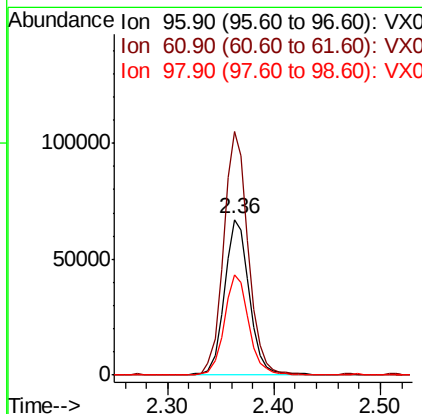
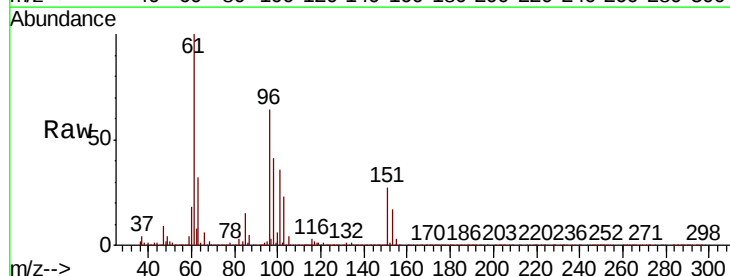
Tot Ion: 59 Resp: 149525
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.6

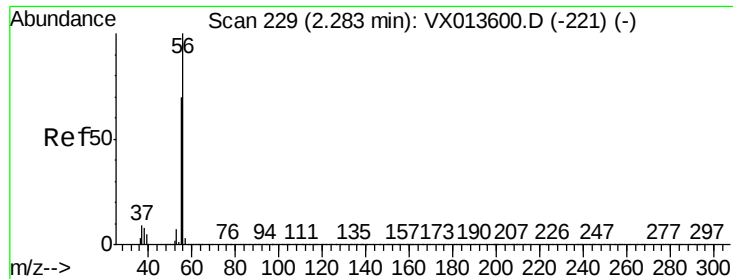


#12

1,1-Dichloroethene
Concen: 18.177 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 96 Resp: 107898
Ion Ratio Lower Upper
96 100
61 156.6 126.6 190.0
98 64.5 50.6 76.0





#13

Acrolein

Concen: 88.265 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

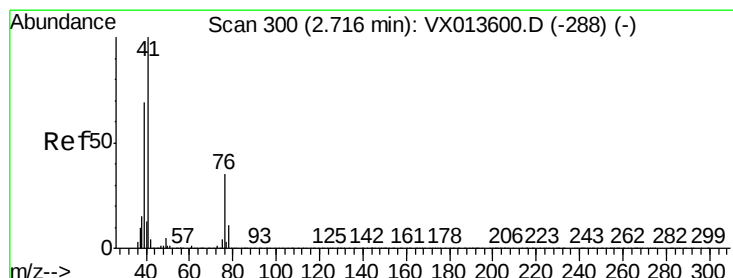
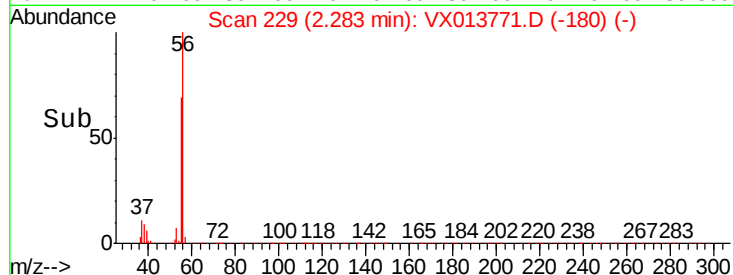
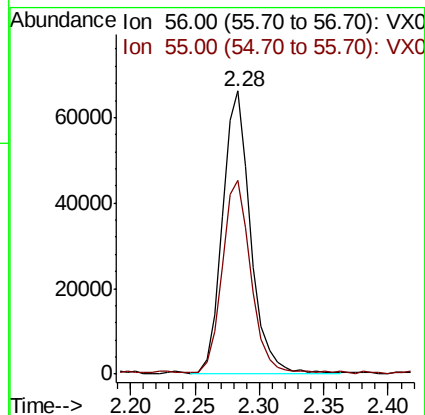
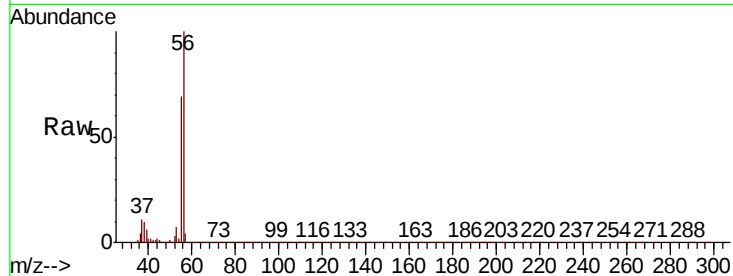
VX1205WBSD02

Tot Ion: 56 Resp: 100735

Ion Ratio Lower Upper

56 100

55 69.0 56.2 84.4



#14

Allyl chloride

Concen: 18.216 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

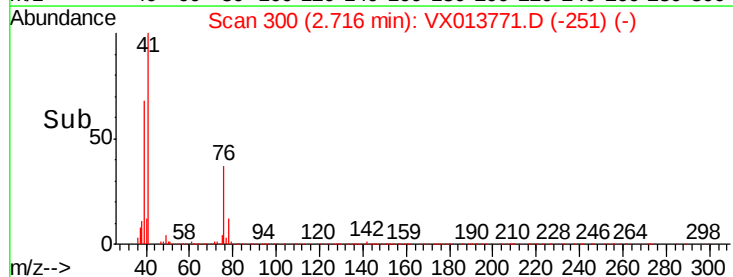
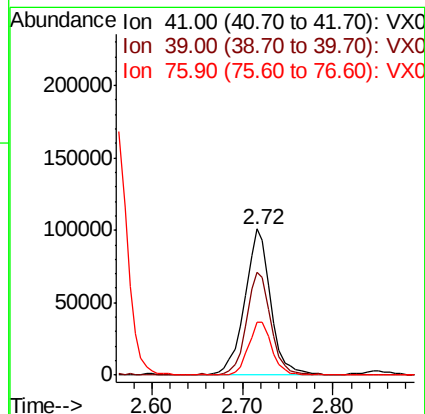
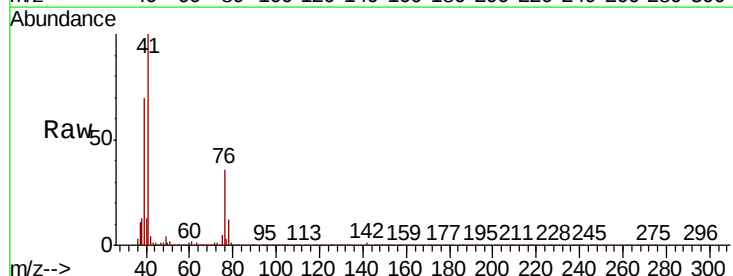
Tgt Ion: 41 Resp: 196226

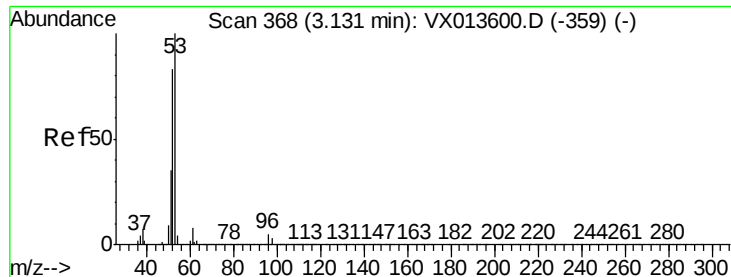
Ion Ratio Lower Upper

41 100

39 65.5 51.7 77.5

76 32.9 25.9 38.9





#15

Acrylonitrile

Concen: 93.651 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

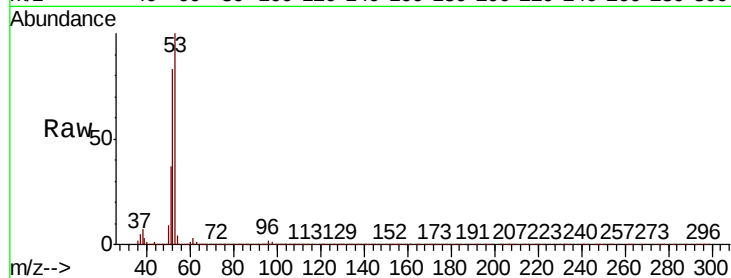
Tot Ion: 53 Resp: 345472

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.2

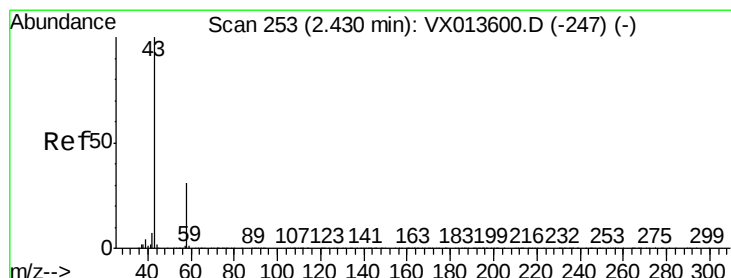
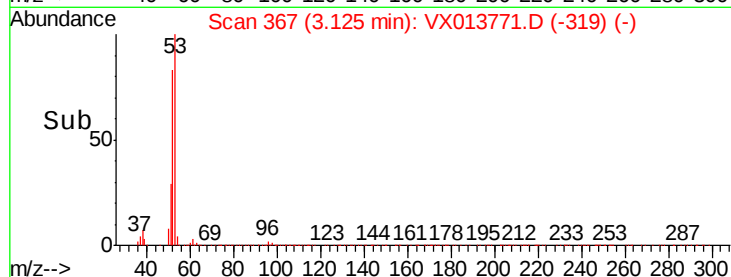
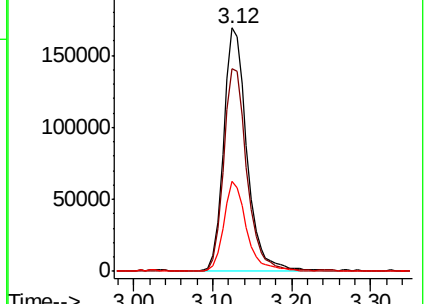
51 36.0 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.339 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013771.D

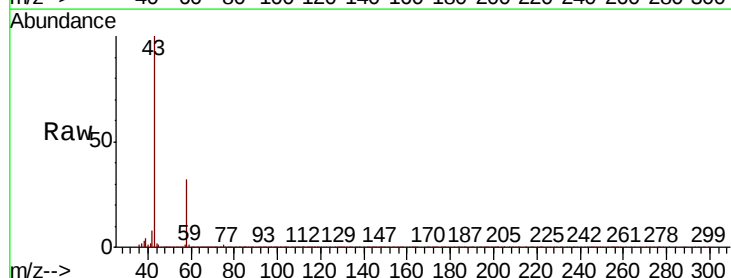
Acq: 05 Dec 2019 13:04

Tgt Ion: 43 Resp: 333647

Ion Ratio Lower Upper

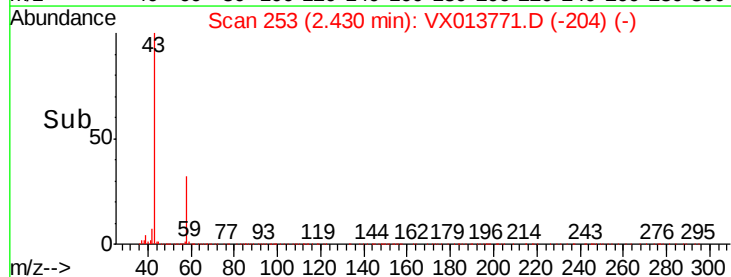
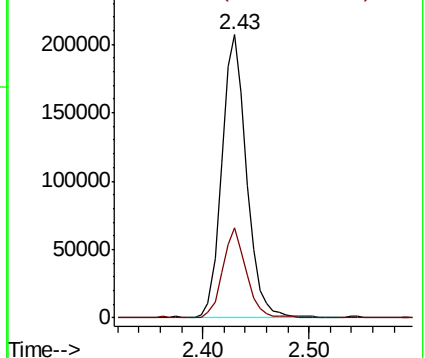
43 100

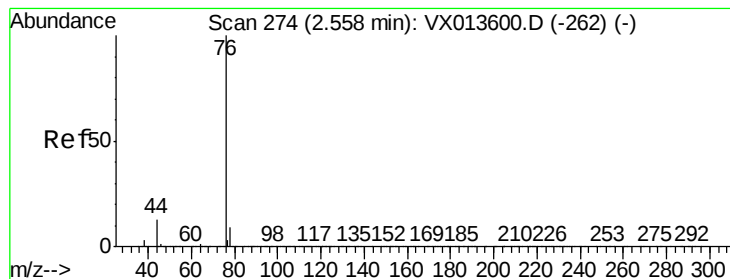
58 31.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.874 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

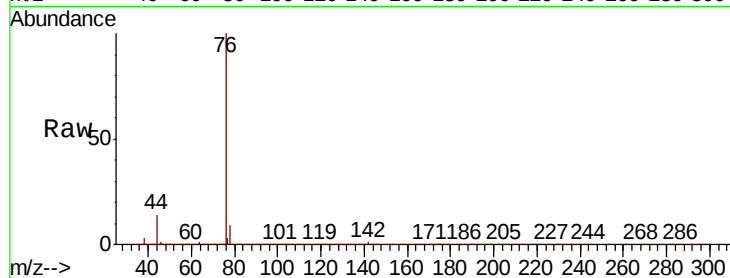
VX1205WBSD02

Tot Ion: 76 Resp: 285526

Ion Ratio Lower Upper

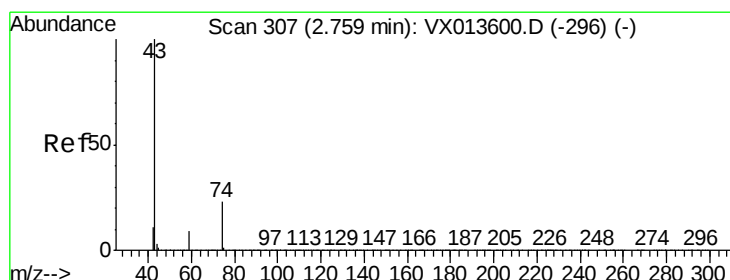
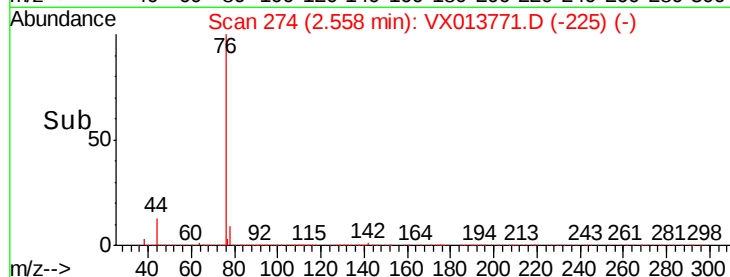
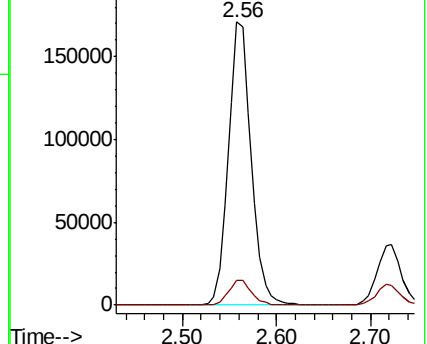
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.102 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013771.D

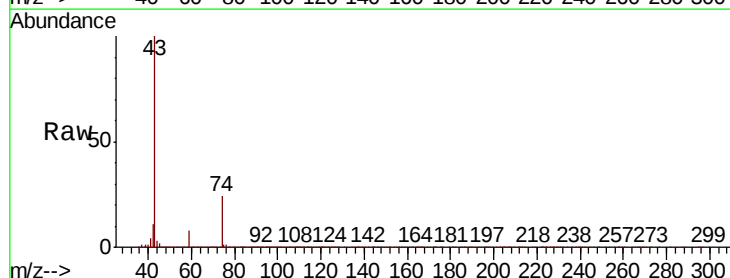
Acq: 05 Dec 2019 13:04

Tgt Ion: 43 Resp: 200089

Ion Ratio Lower Upper

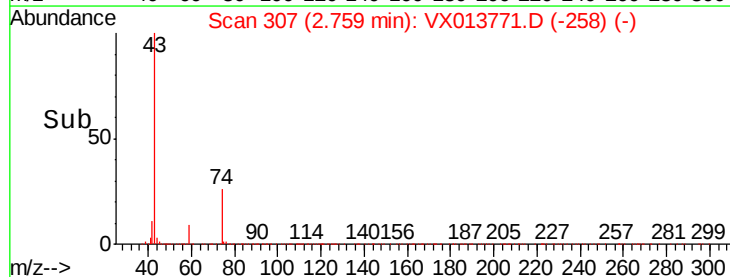
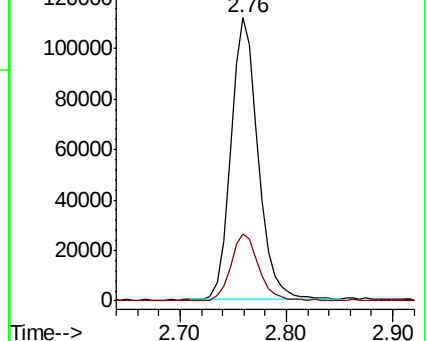
43 100

74 23.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



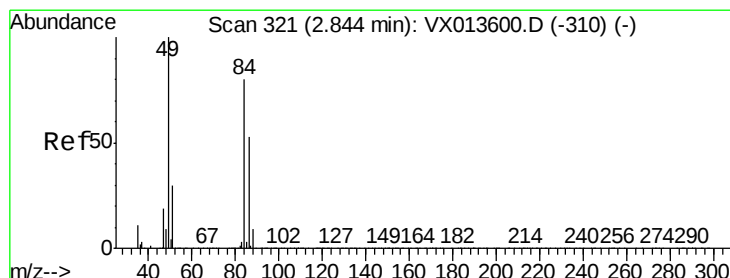
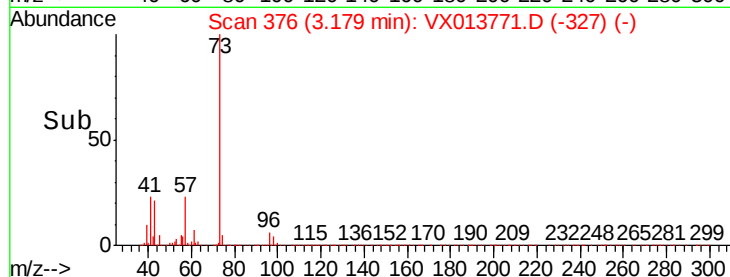
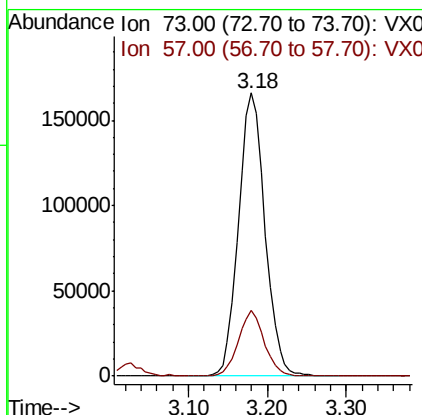
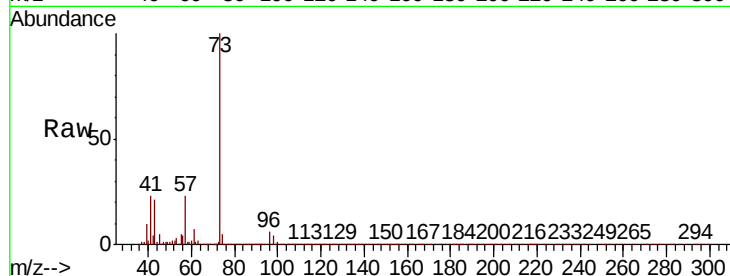


#19

Methyl tert-butyl Ether
 Concen: 19.701 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

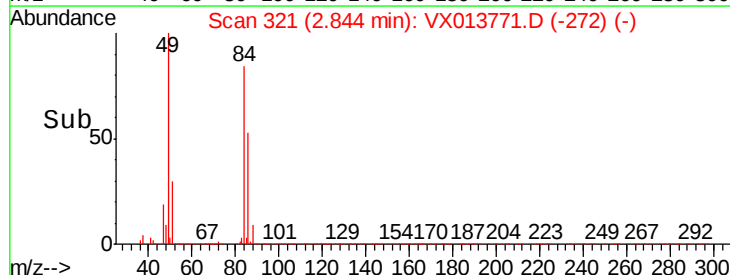
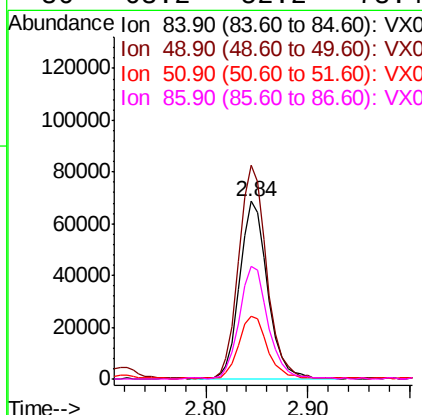
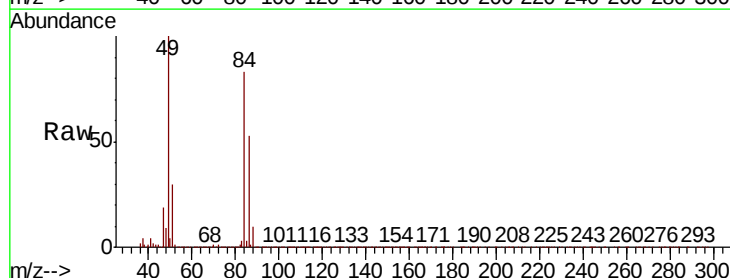
Tot Ion: 73 Resp: 387402
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.3 27.5

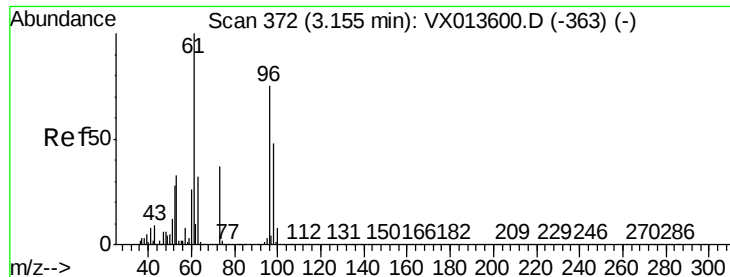


#20

Methylene Chloride
 Concen: 19.041 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion: 84 Resp: 130762
 Ion Ratio Lower Upper
 84 100
 49 120.0 99.7 149.5
 51 35.1 29.9 44.9
 86 63.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.106 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

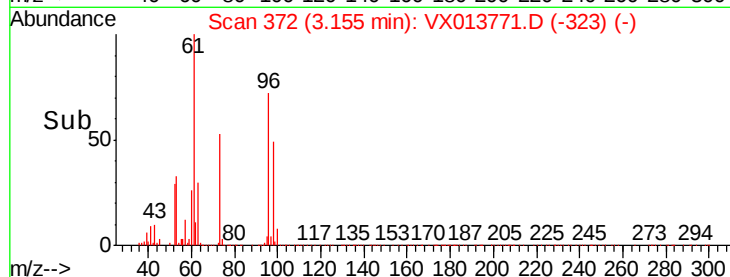
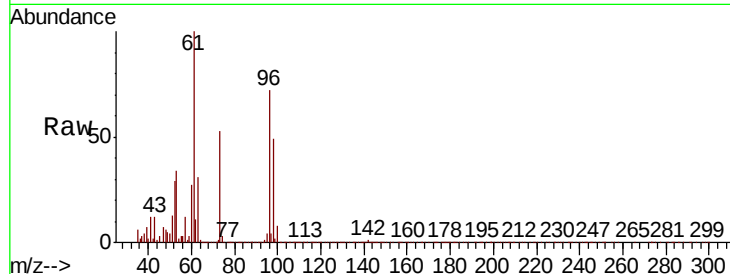
Tot Ion: 96 Resp: 117083

Ion Ratio Lower Upper

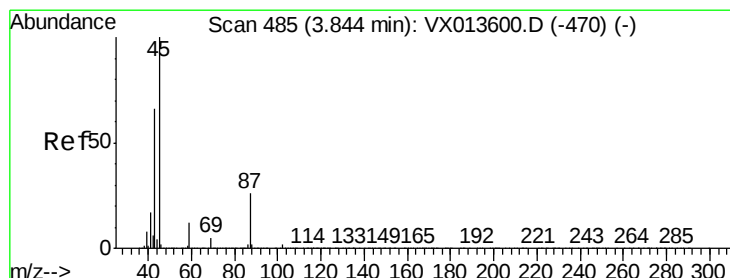
96 100

61 137.9 107.2 160.8

98 67.5 51.4 77.0



Time-->



#22

Diisopropyl ether

Concen: 19.607 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion: 45 Resp: 406699

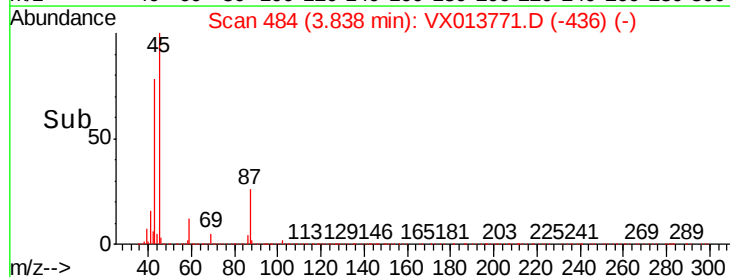
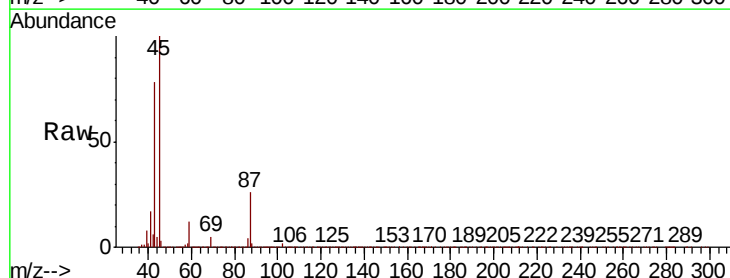
Ion Ratio Lower Upper

45 100

43 76.9 52.6 79.0

87 25.9 21.1 31.7

59 11.9 9.2 13.8



Time-->



#23

Vinyl Acetate

Concen: 97.050 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

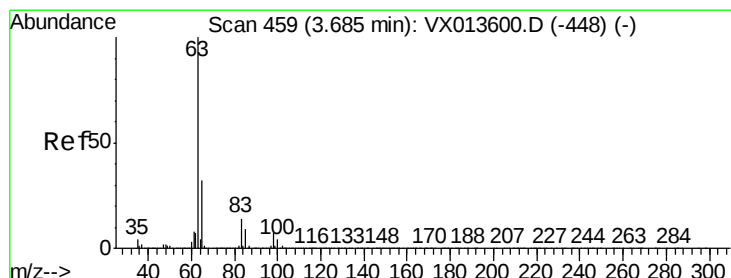
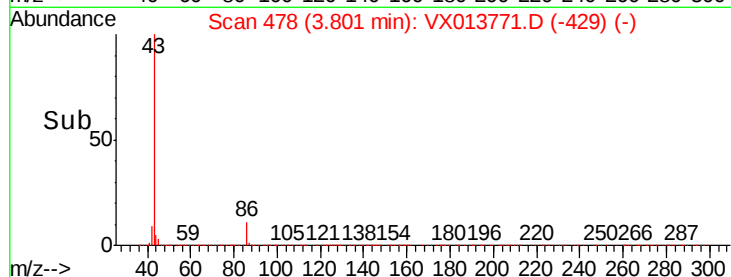
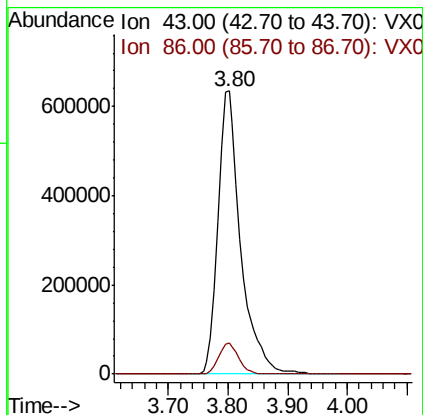
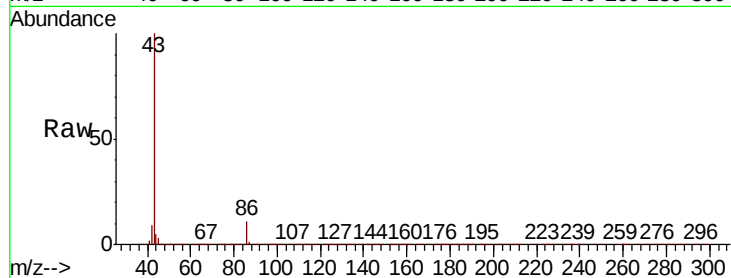
VX1205WBSD02

Tot Ion: 43 Resp: 1674648

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.030 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

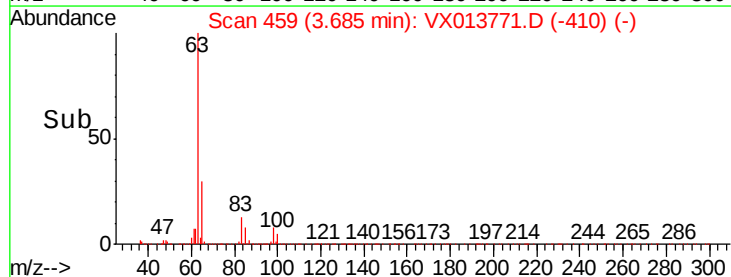
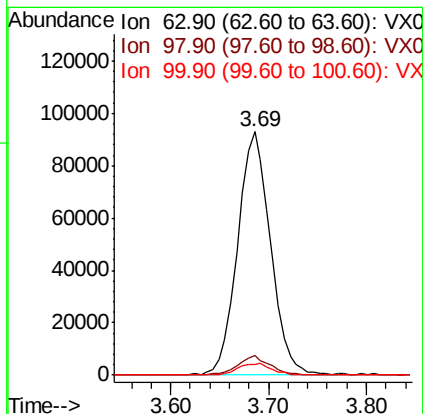
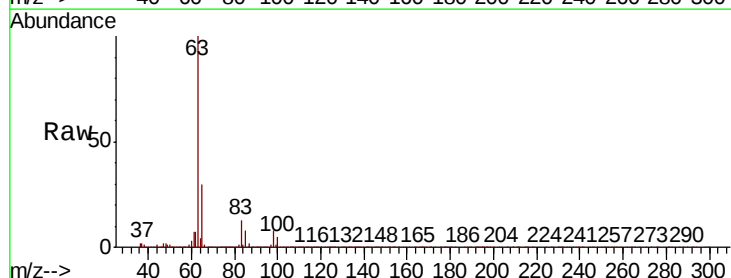
Tgt Ion: 63 Resp: 215778

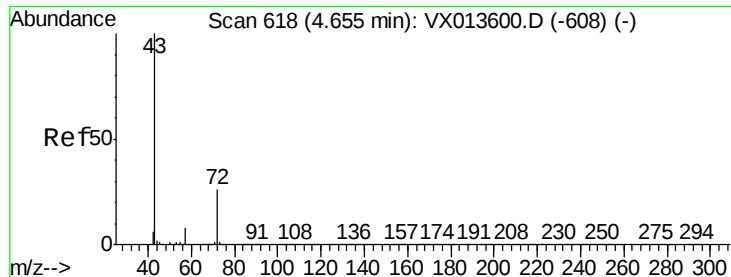
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.5 2.1 6.3

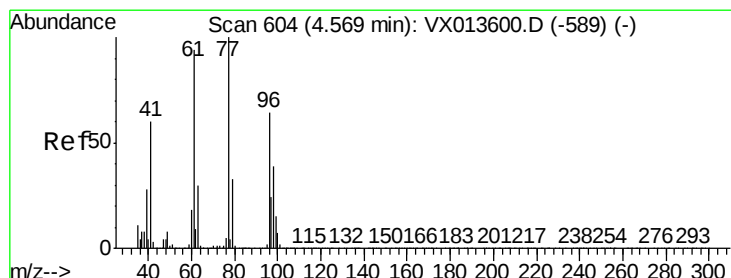
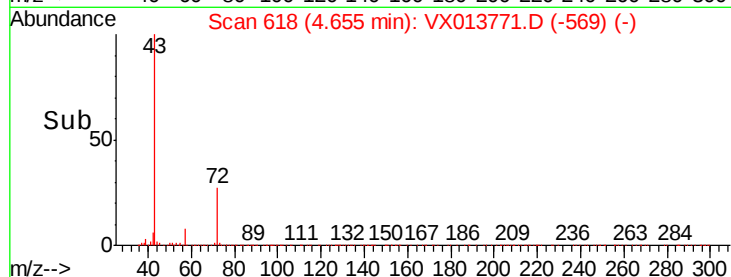
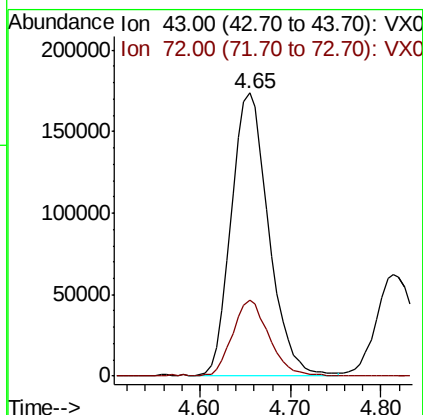
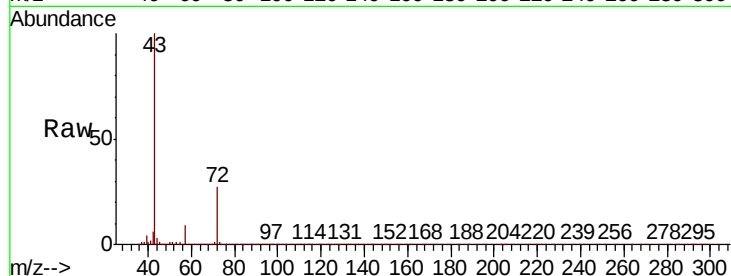




#25
2-Butanone
Concen: 93.105 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

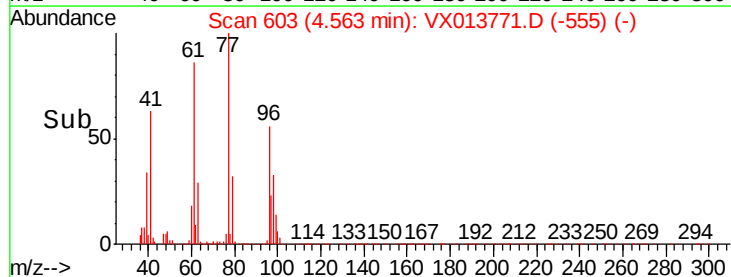
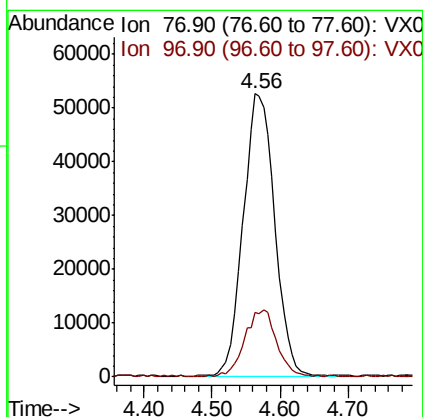
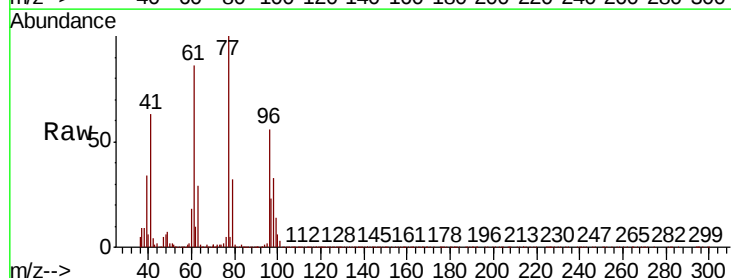
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

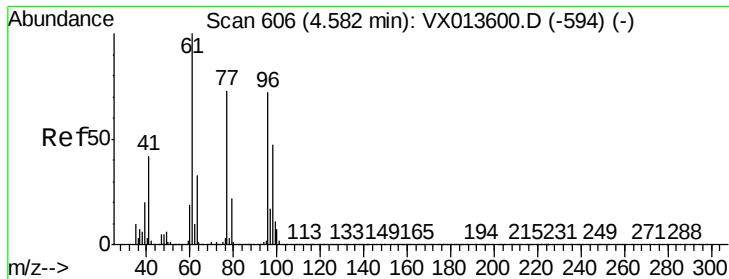
Tot Ion: 43 Resp: 494619
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.060 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 77 Resp: 169429
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1



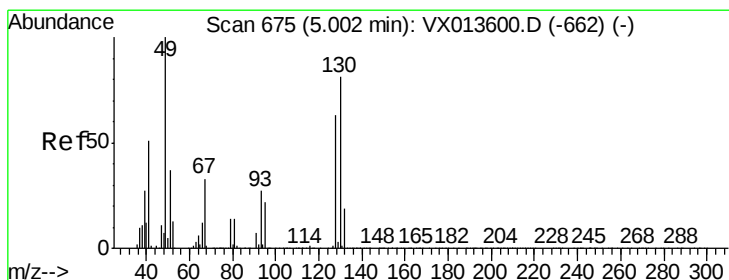
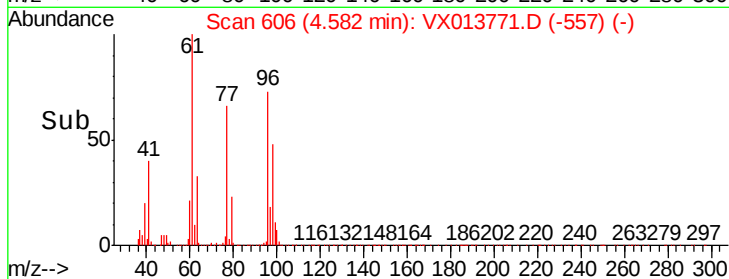
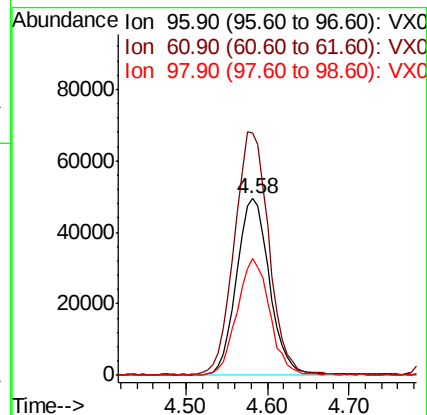
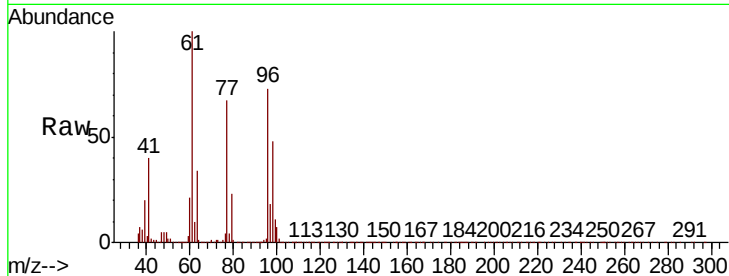


#27

cis-1,2-Dichloroethene
Concen: 18.484 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

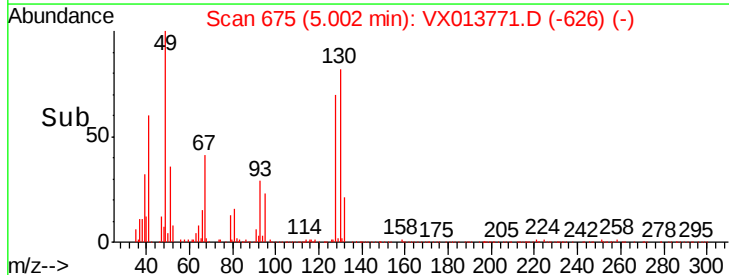
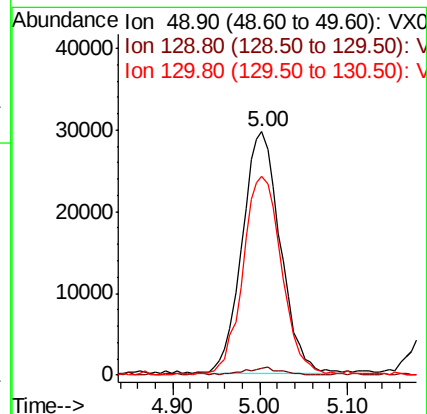
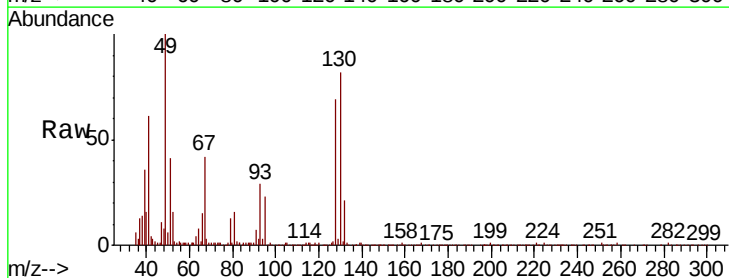
Tot Ion: 96 Resp: 137266
Ion Ratio Lower Upper
96 100
61 144.4 0.0 286.4
98 65.5 0.0 127.4

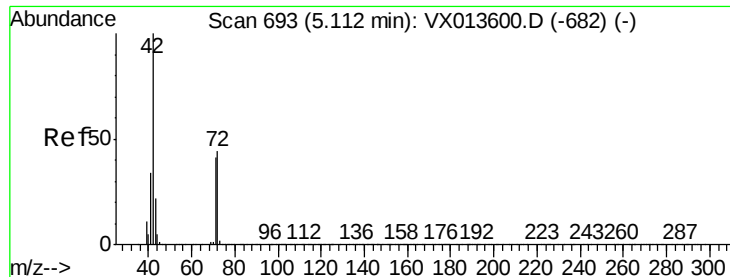


#28

Bromochloromethane
Concen: 20.158 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 49 Resp: 90362
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.0
130 81.9 65.4 98.0





#29

Tetrahydrofuran

Concen: 95.305 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

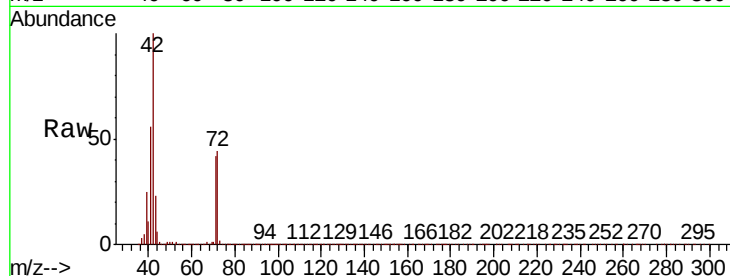
Tot Ion: 42 Resp: 312124

Ion Ratio Lower Upper

42 100

72 45.3 36.3 54.5

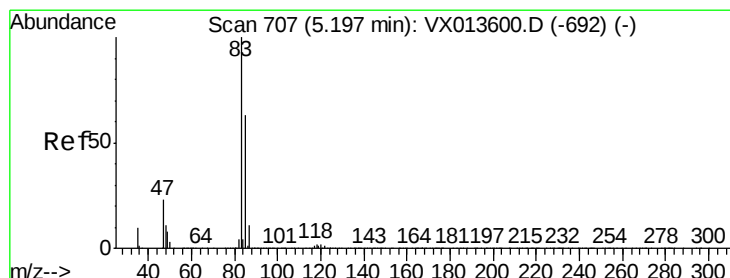
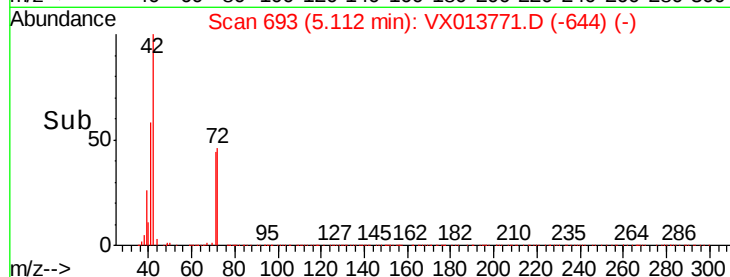
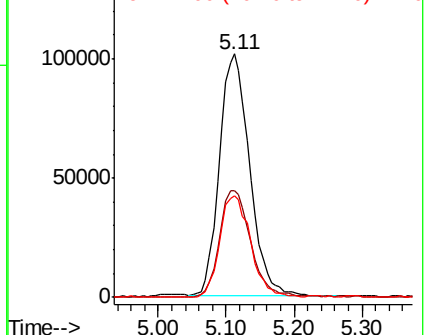
71 42.7 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.741 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013771.D

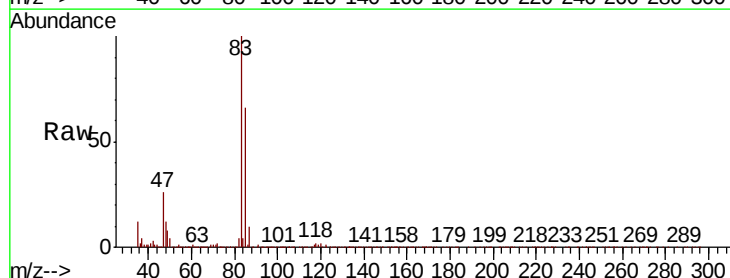
Acq: 05 Dec 2019 13:04

Tgt Ion: 83 Resp: 215509

Ion Ratio Lower Upper

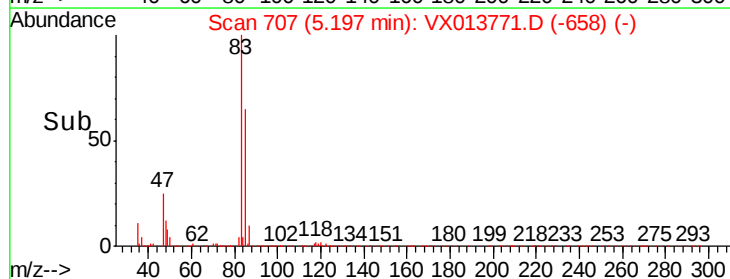
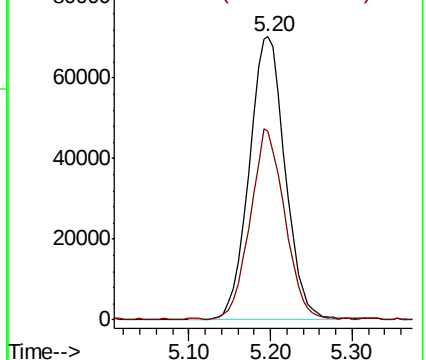
83 100

85 66.1 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

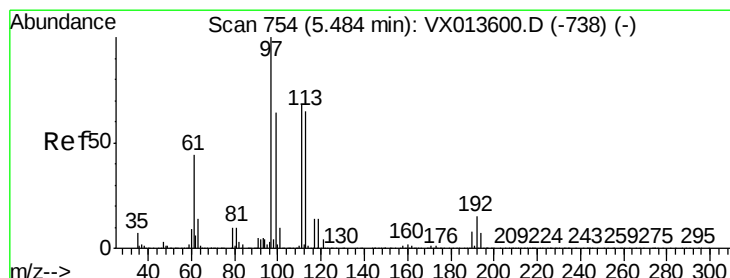
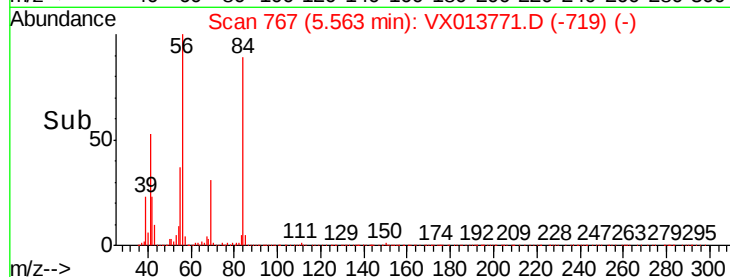
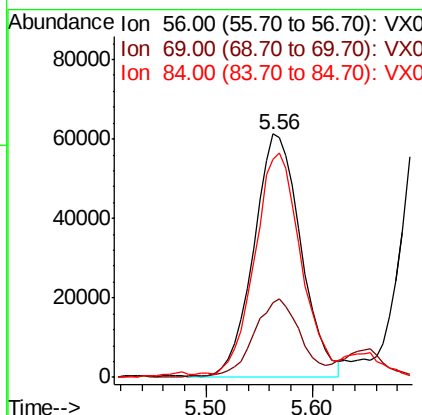
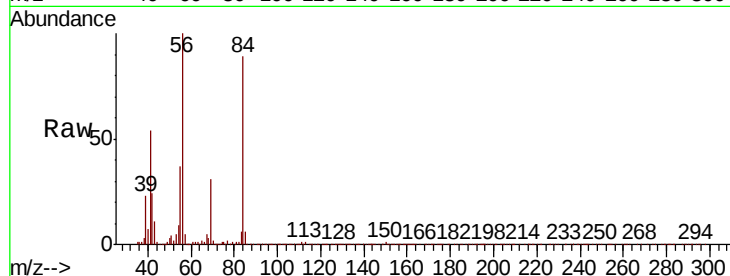




#31
Cyclohexane
Concen: 17.752 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

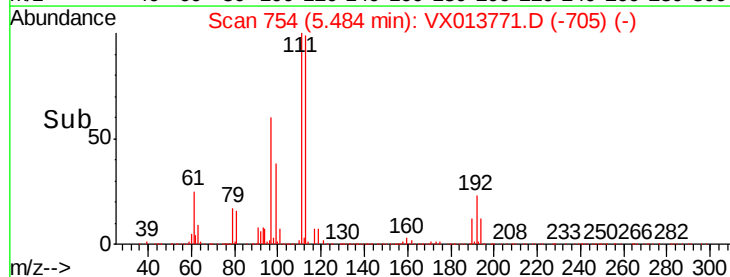
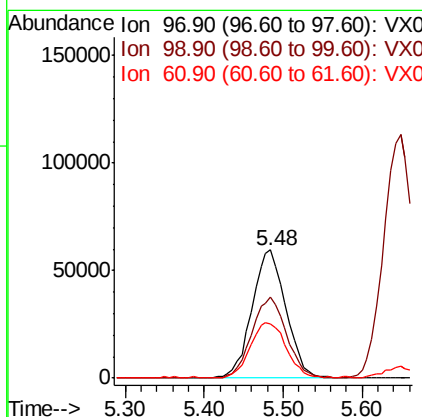
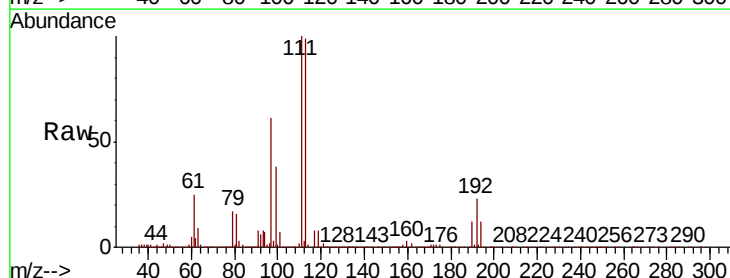
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

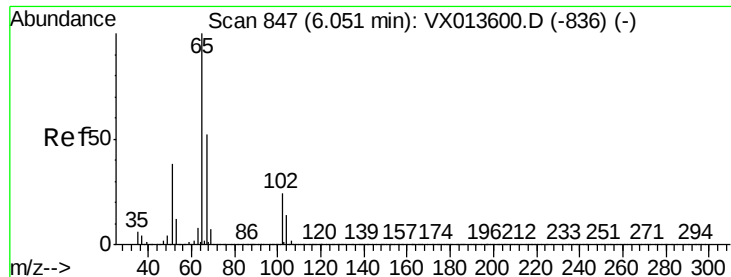
Tot Ion: 56 Resp: 189863
Ion Ratio Lower Upper
56 100
69 29.8 24.6 36.8
84 88.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.501 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 97 Resp: 177787
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 46.3 36.1 54.1

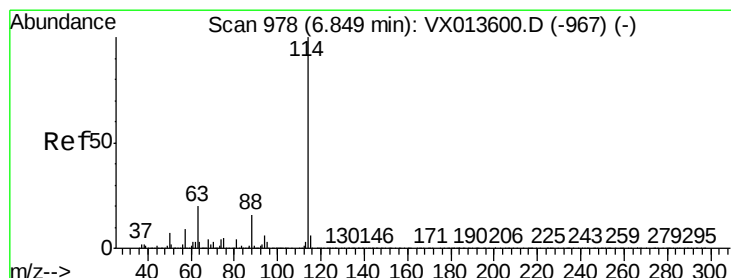
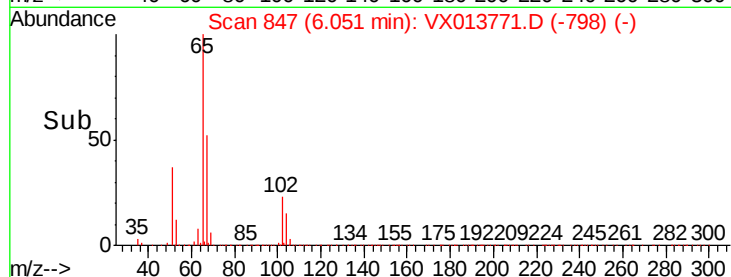
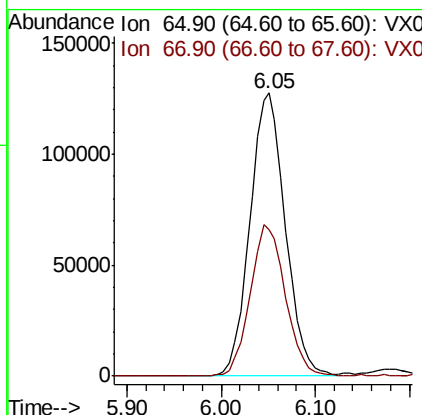
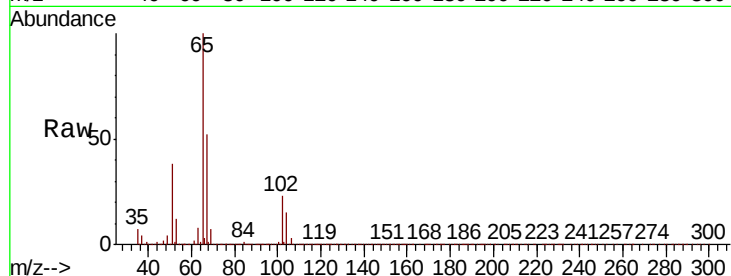




#33
 1,2-Dichloroethane-d4
 Concen: 46.239 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

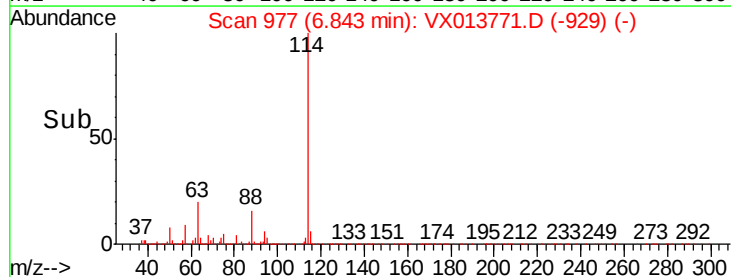
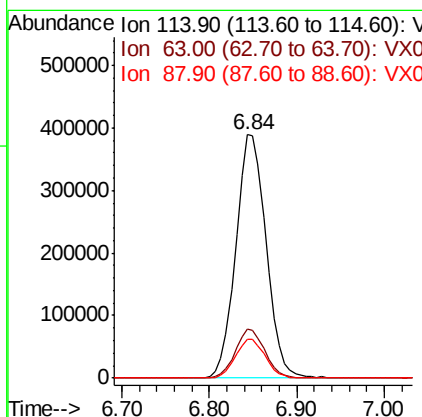
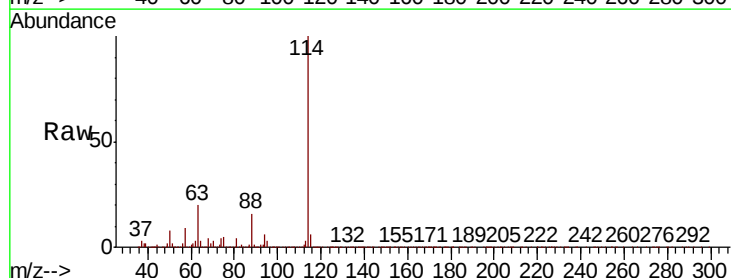
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion: 65 Resp: 334781
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion: 114 Resp: 938163
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 16.1 0.0 31.4

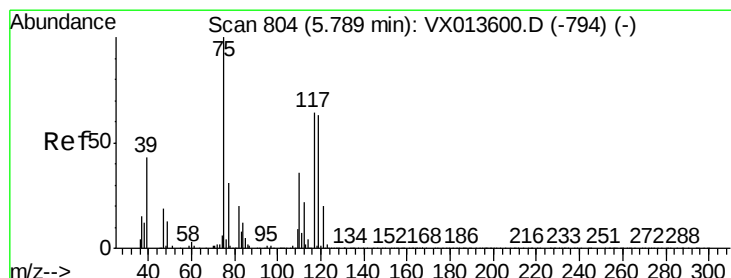
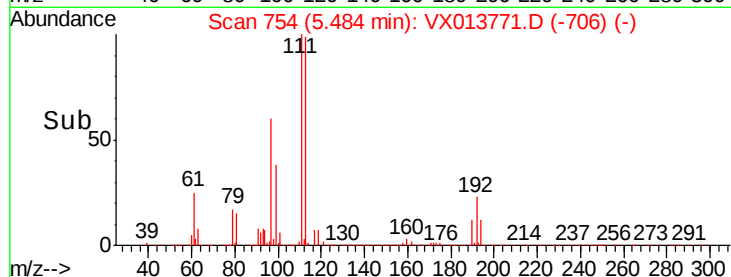
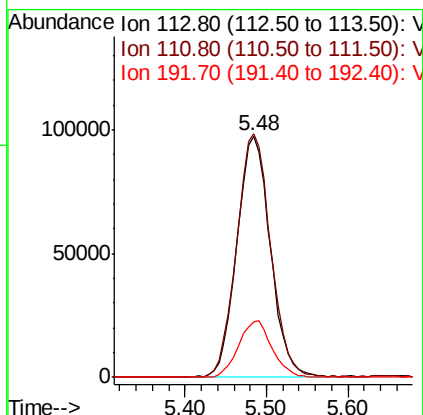
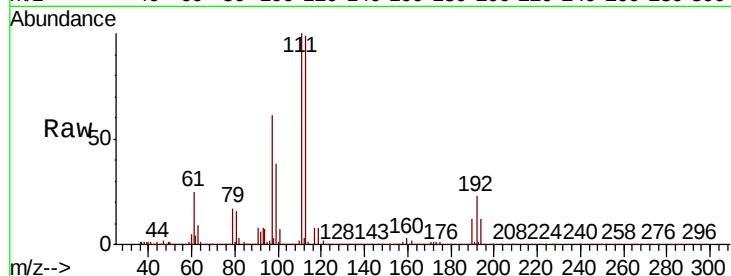




#35
Dibromofluoromethane
Concen: 47.706 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

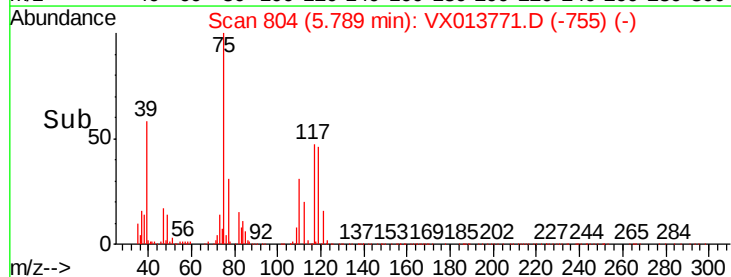
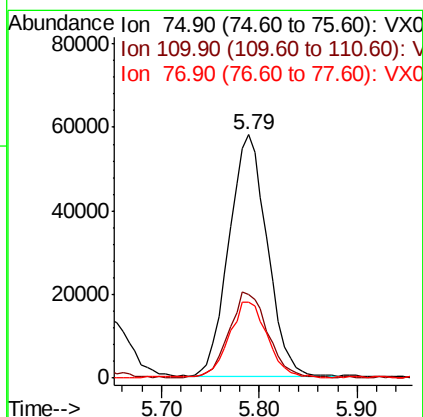
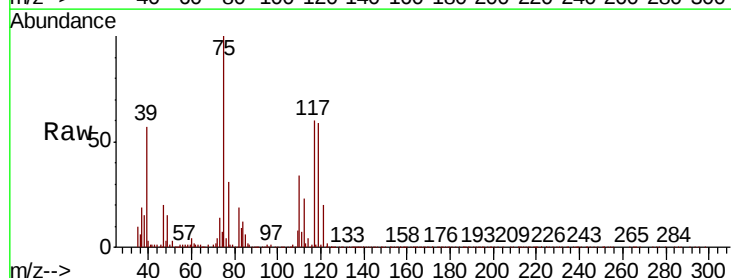
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

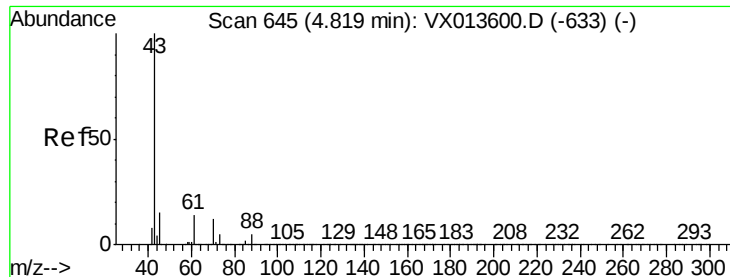
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.6	125.4
192	23.7	19.2	28.8



#36
1,1-Dichloropropene
Concen: 18.434 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.1
77	31.0	24.5	36.7

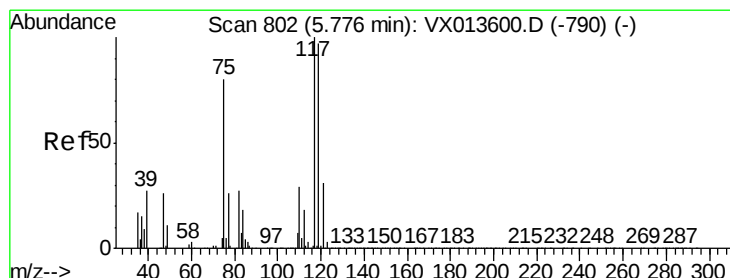
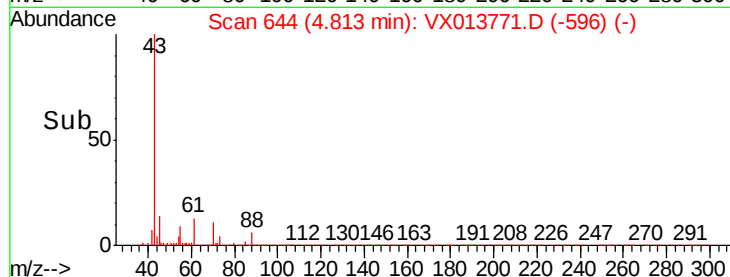
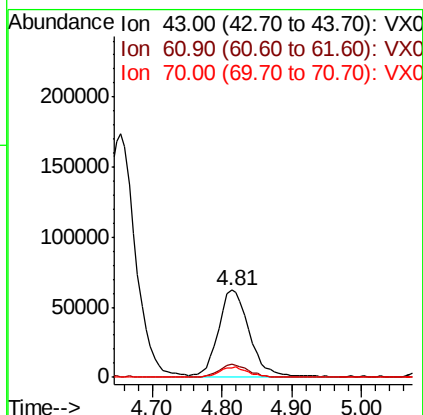
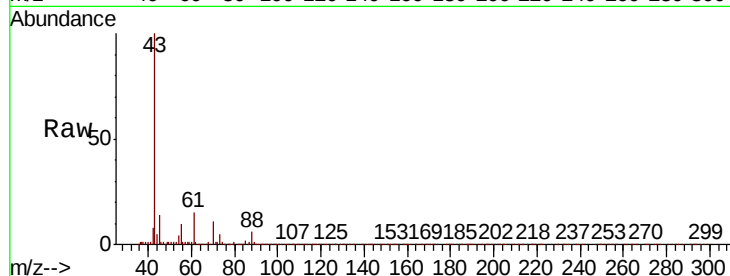




#37
Ethyl Acetate
Concen: 19.649 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

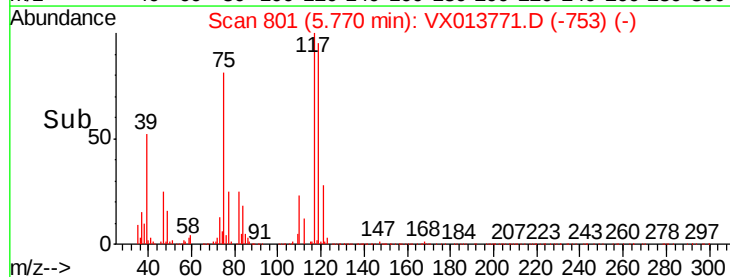
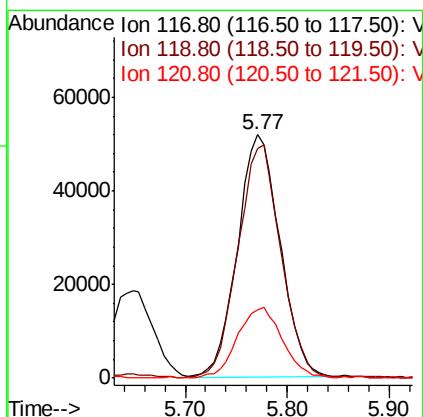
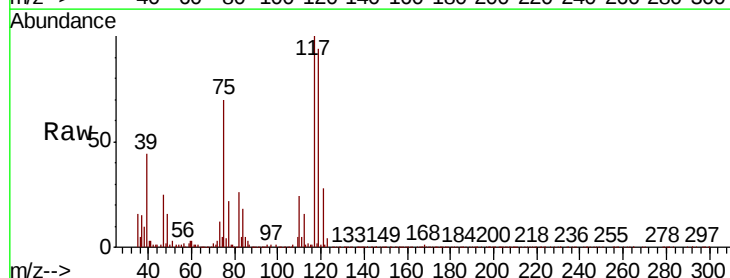
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

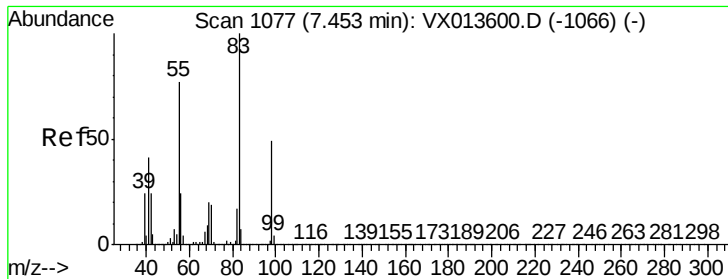
Tot Ion: 43 Resp: 187721
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.099 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 117 Resp: 149981
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3
121 27.9 25.0 37.6

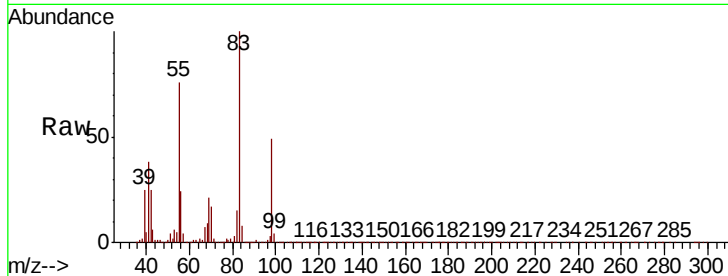




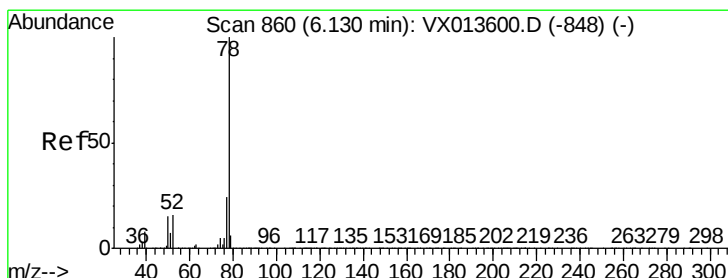
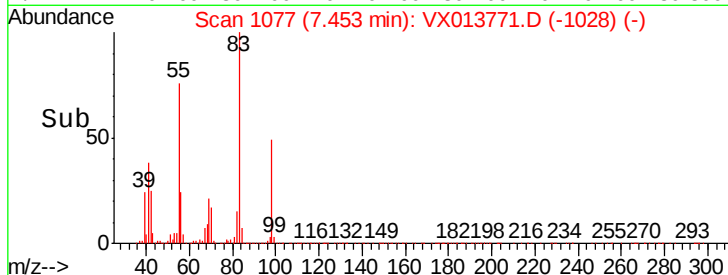
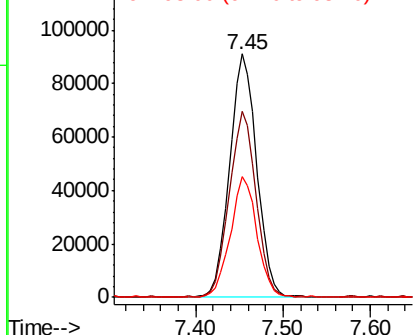
#39
Methvlcvclohexane
Concen: 18.564 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion: 83 Resp: 195420
Ion Ratio Lower Upper
83 100
55 76.0 61.9 92.9
98 49.4 39.4 59.0

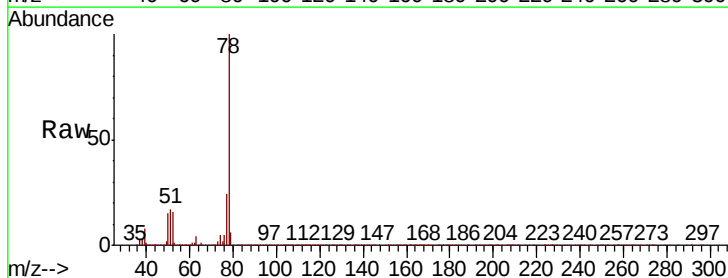


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

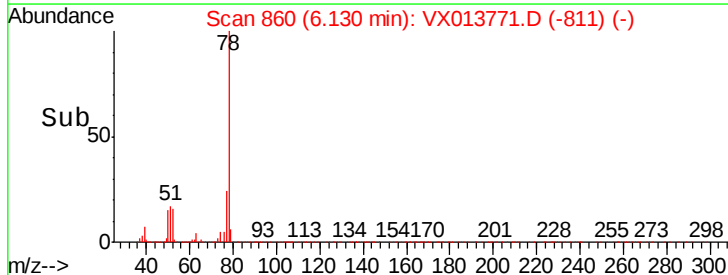
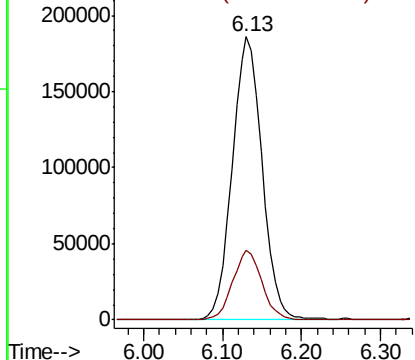


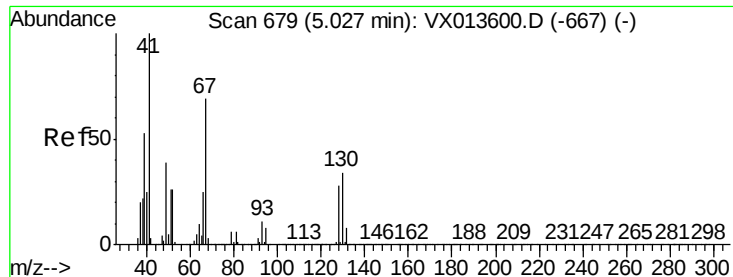
#40
Benzene
Concen: 18.818 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 78 Resp: 488101
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4



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

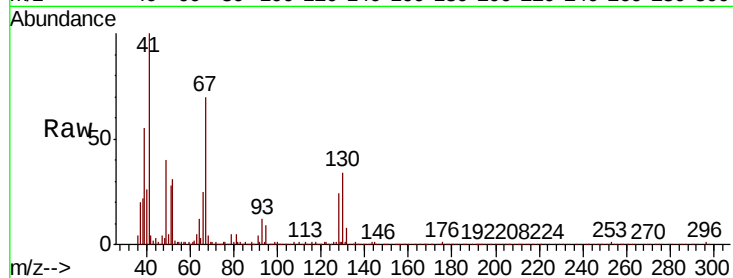




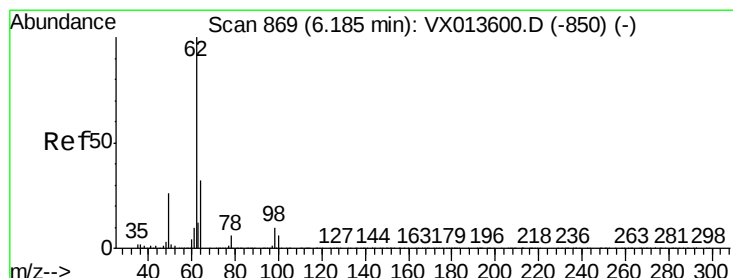
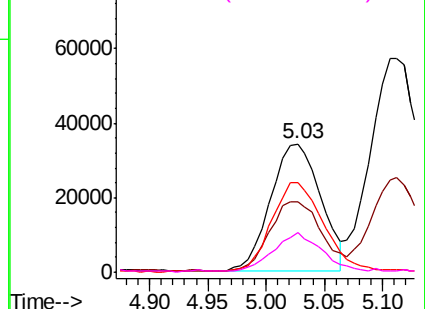
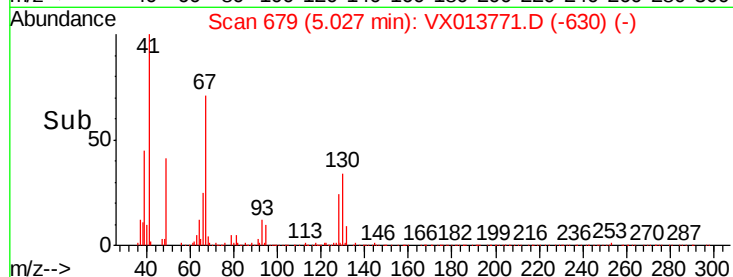
#41
Methacrylonitrile
Concen: 19.550 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion:	41	Resp:	102432
Ion	Ratio	Lower	Upper
41	100		
39	56.5	42.9	64.3
67	72.8	57.4	86.0
52	29.0	22.4	33.6

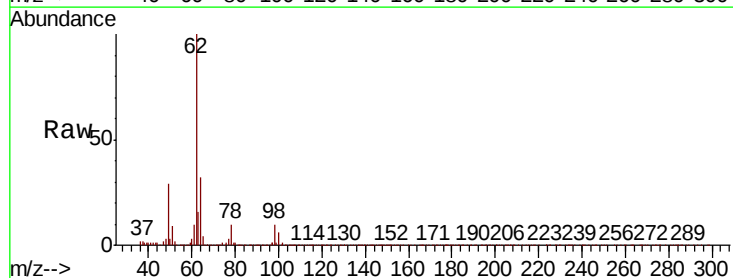


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

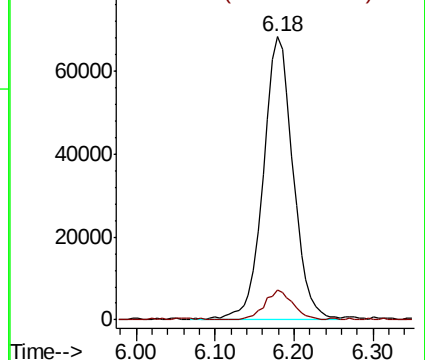
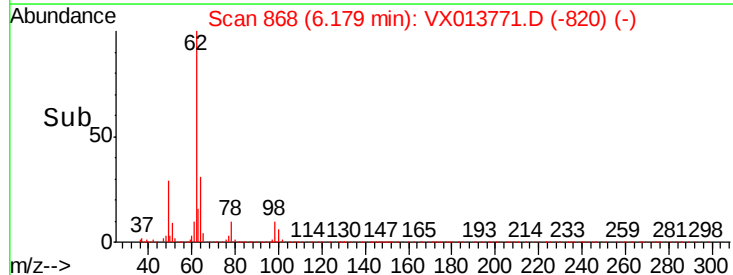


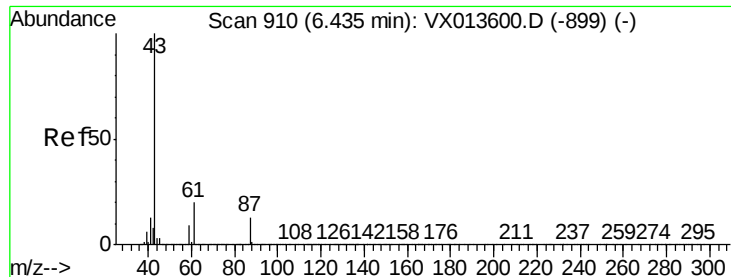
#42
1,2-Dichloroethane
Concen: 20.379 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion:	62	Resp:	180266
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8



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



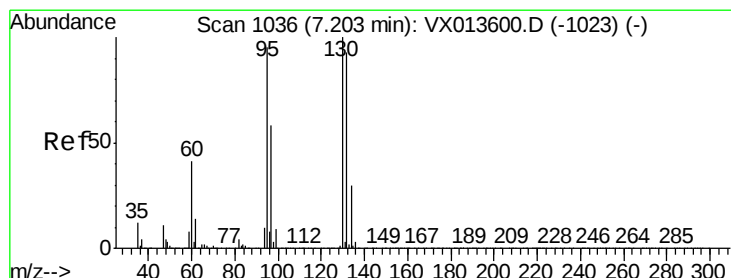
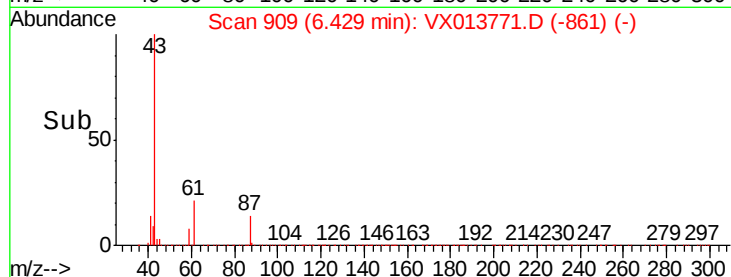
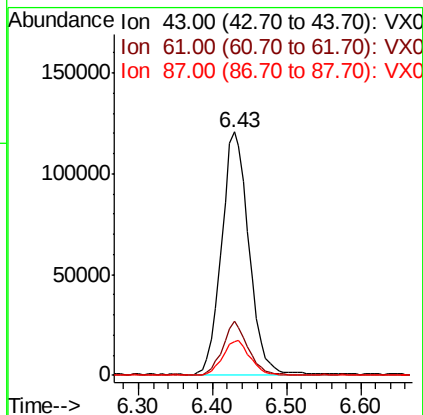
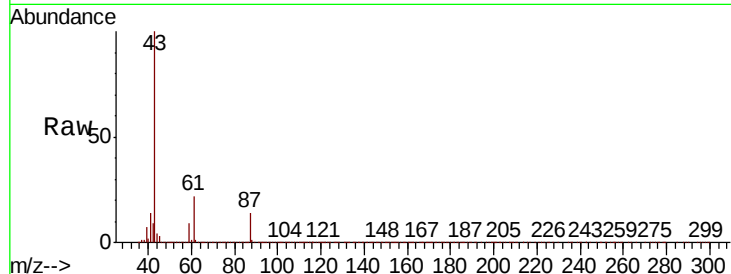


#43

Isopropyl Acetate
 Concen: 19.542 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

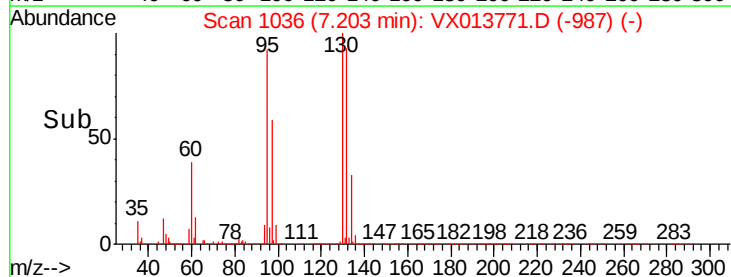
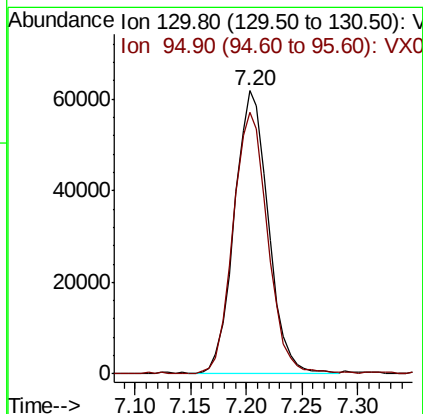
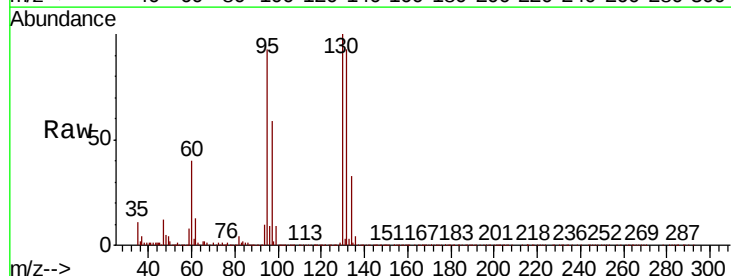
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.3	24.5
87	14.0	10.8	16.2



#44

Trichloroethene
 Concen: 18.280 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	190.8

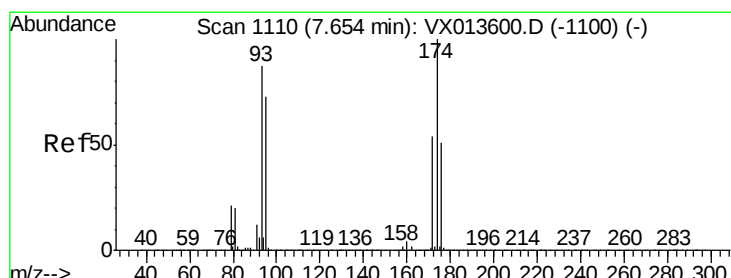
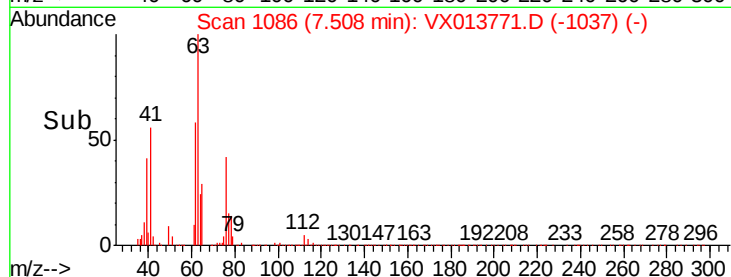
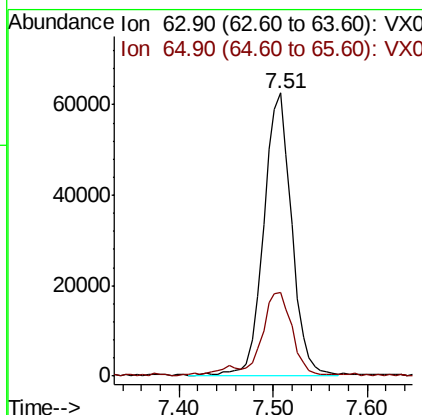
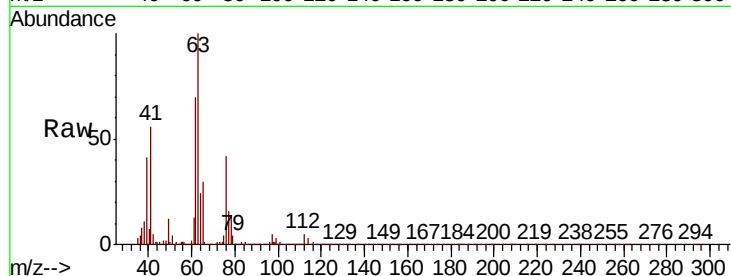




#45
 1,2-Dichloropropane
 Concen: 20.170 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

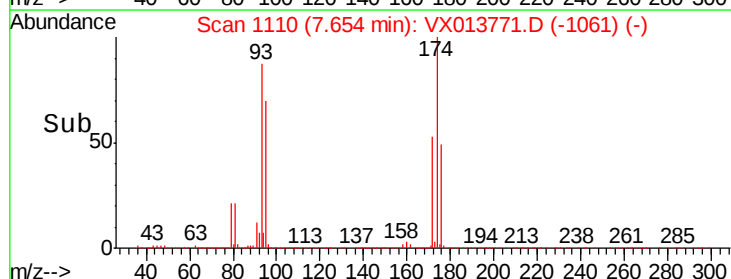
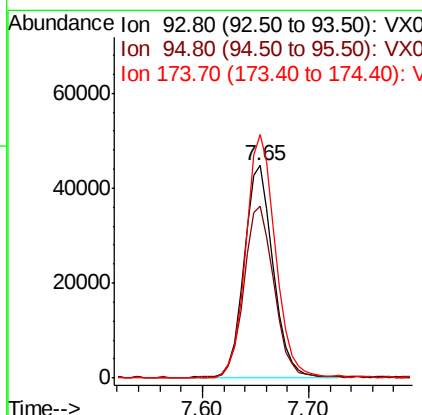
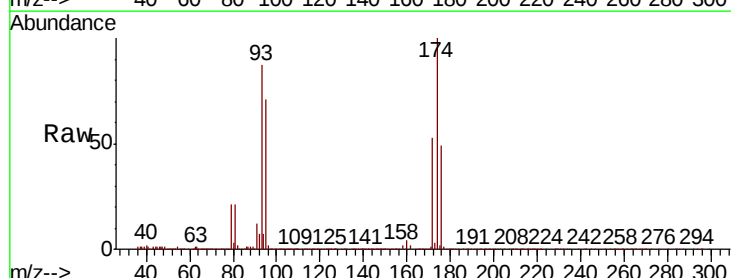
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion: 63 Resp: 130891
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.5 38.3



#46
 Dibromomethane
 Concen: 19.400 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion: 93 Resp: 85506
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.2 99.2
 174 117.5 93.4 140.0





#47

Bromodichloromethane

Concen: 19.840 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

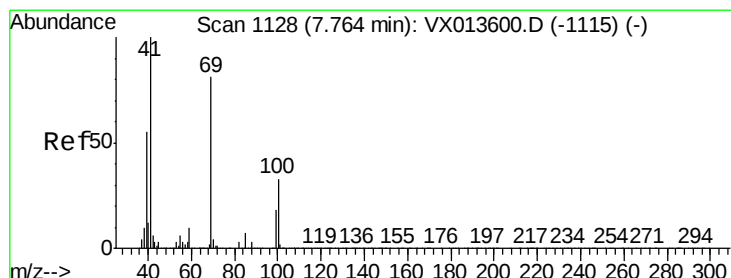
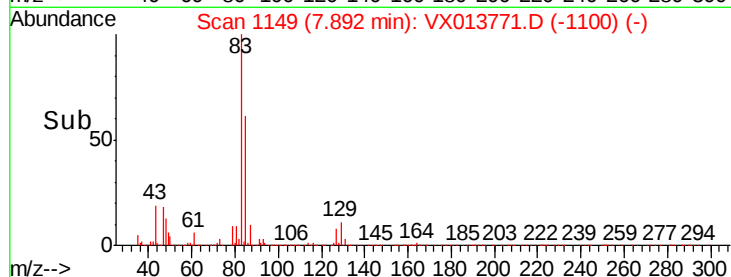
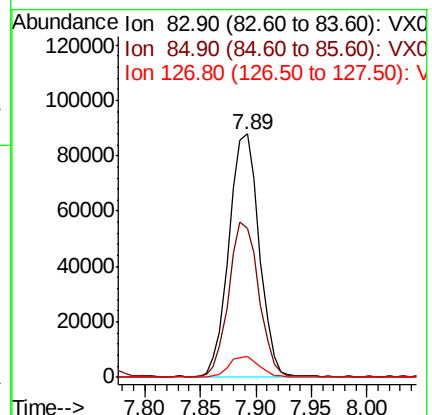
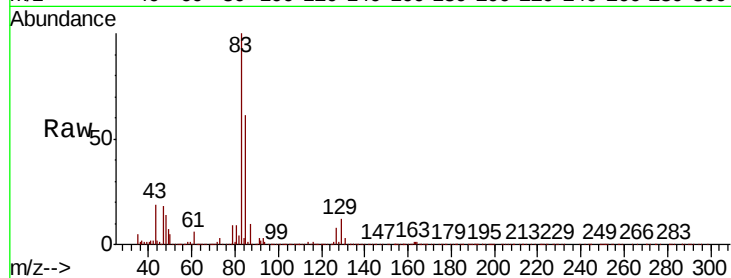
Tot Ion: 83 Resp: 165312

Ion Ratio Lower Upper

83 100

85 61.3 52.1 78.1

127 8.4 7.0 10.4



#48

Methyl methacrylate

Concen: 19.665 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

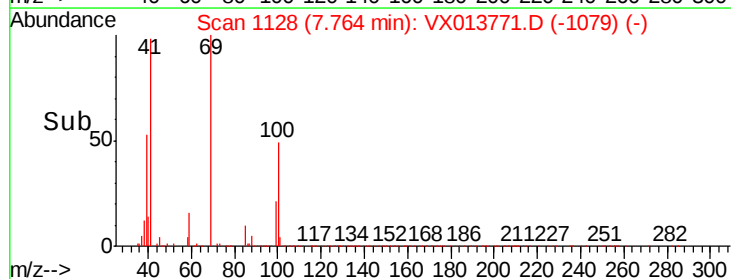
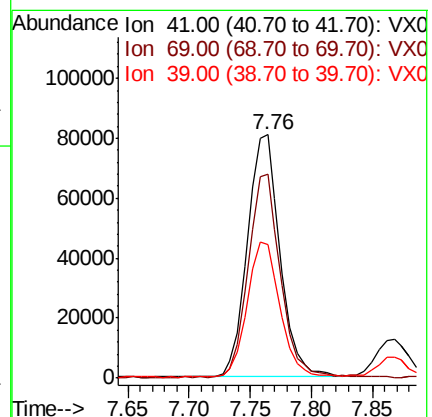
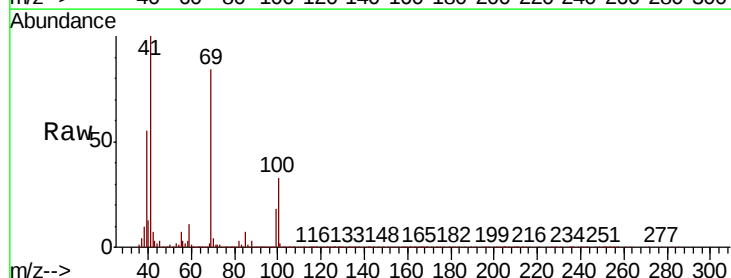
Tgt Ion: 41 Resp: 150284

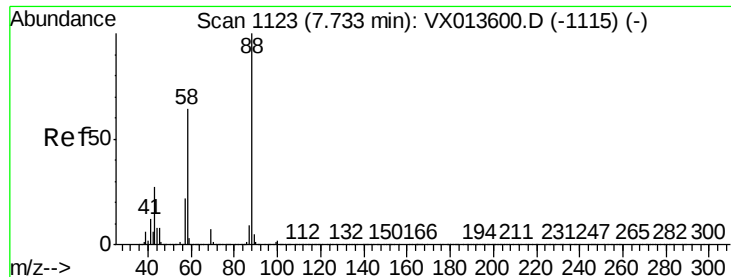
Ion Ratio Lower Upper

41 100

69 83.0 64.7 97.1

39 55.6 43.8 65.6

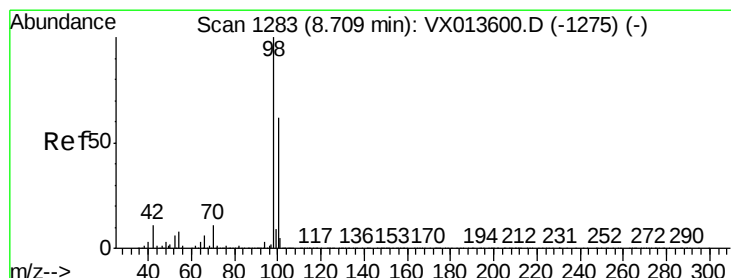
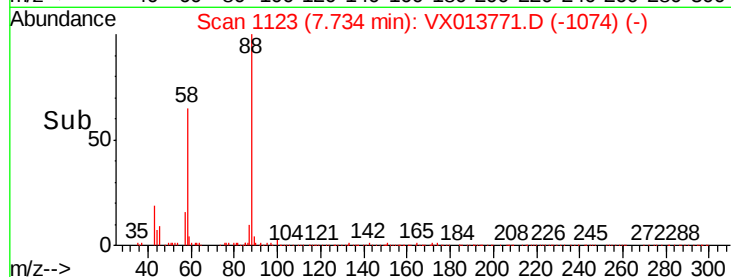
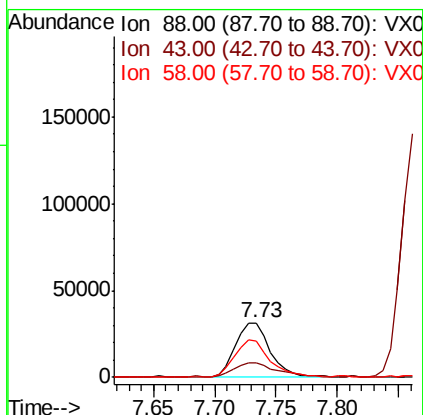
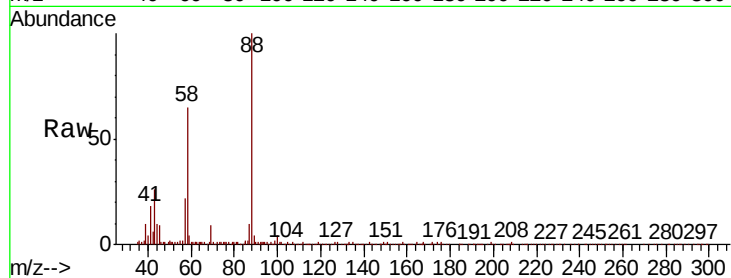




#49
1,4-Dioxane
Concen: 362.911 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

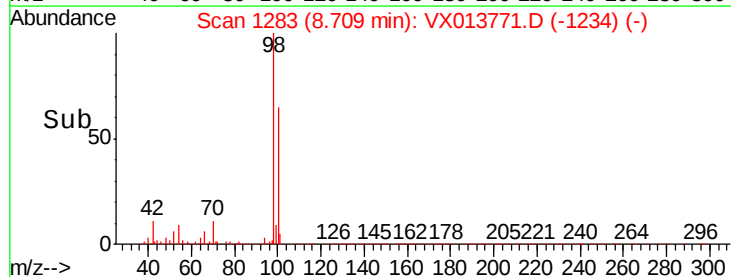
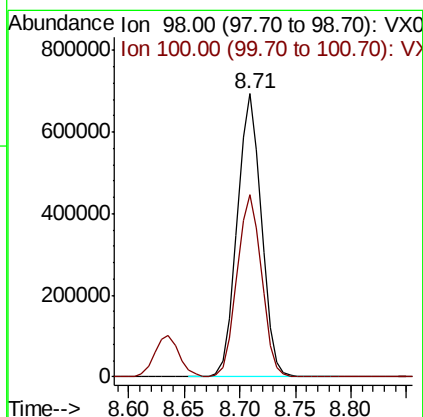
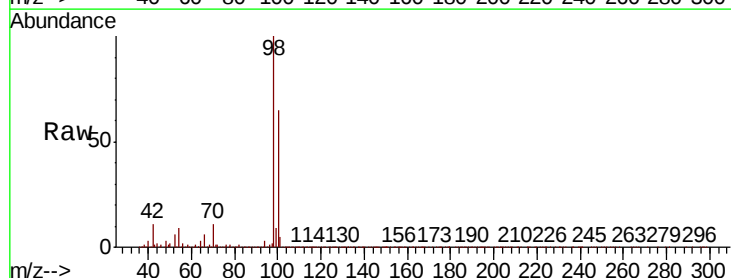
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

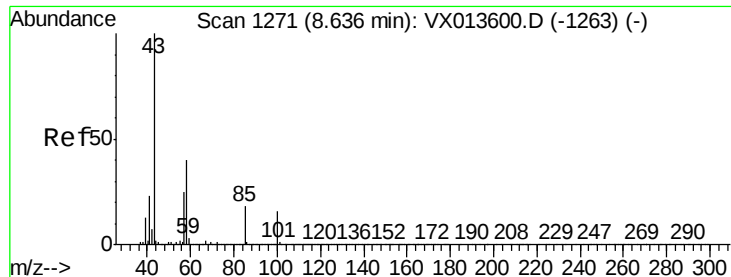
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	25.8	38.6
58	68.0	54.6	82.0



#50
Toluene-d8
Concen: 46.206 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 97.870 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

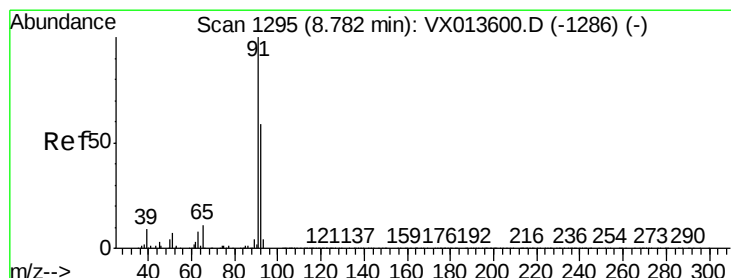
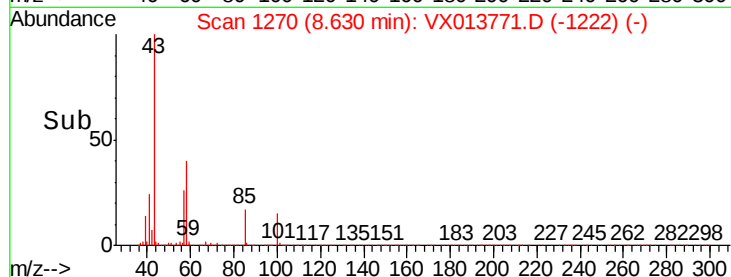
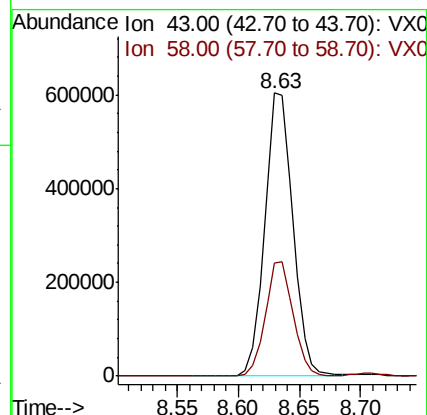
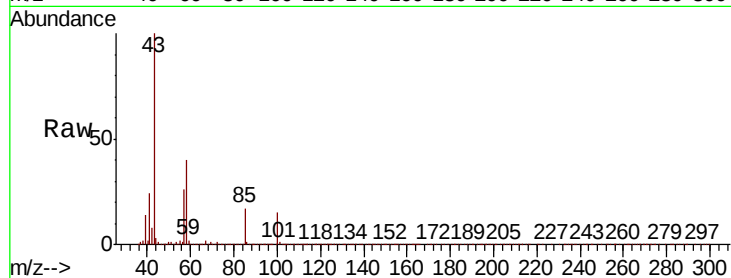
VX1205WBSD02

Tot Ion: 43 Resp: 968297

Ion Ratio Lower Upper

43 100

58 39.8 32.1 48.1



#52

Toluene

Concen: 19.132 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013771.D

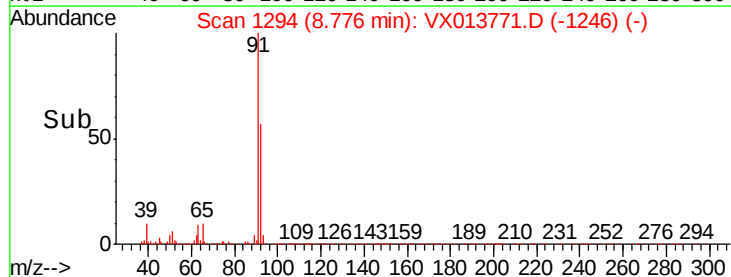
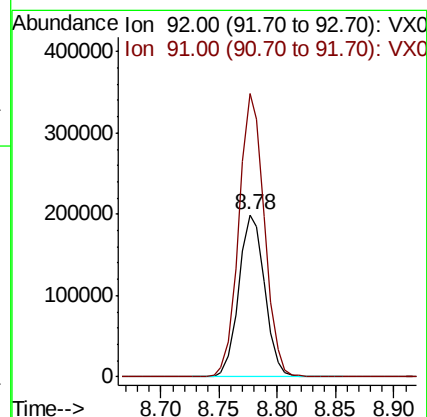
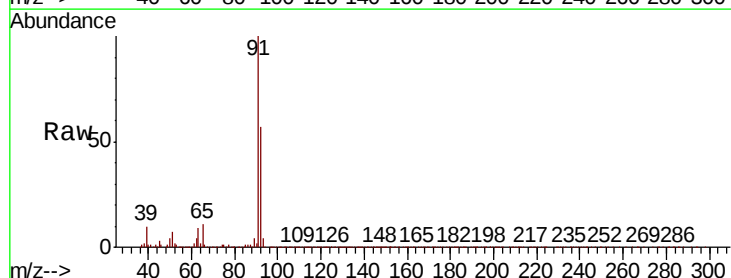
Acq: 05 Dec 2019 13:04

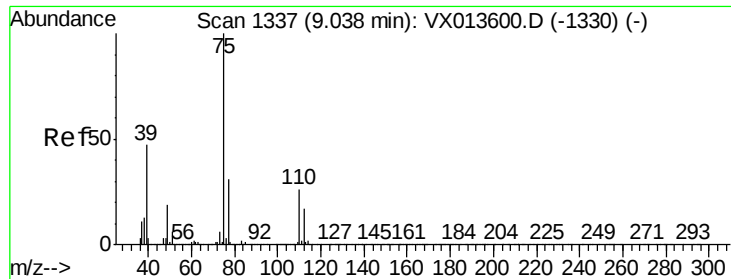
Tgt Ion: 92 Resp: 308276

Ion Ratio Lower Upper

92 100

91 173.2 136.2 204.2

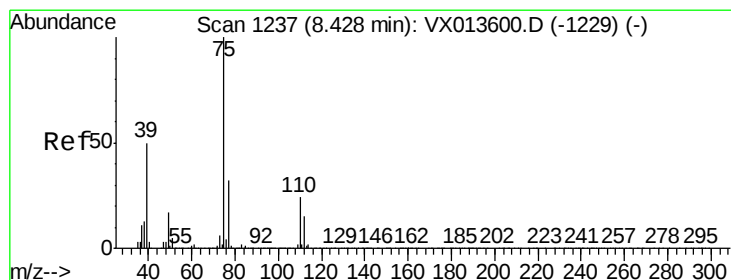
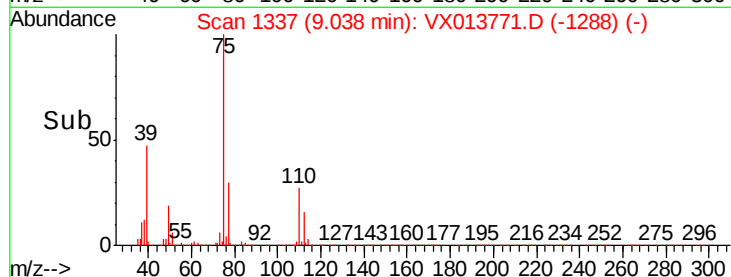
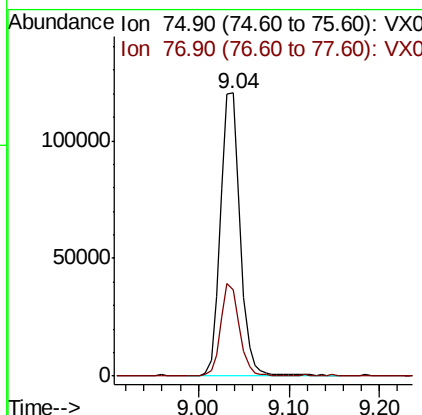
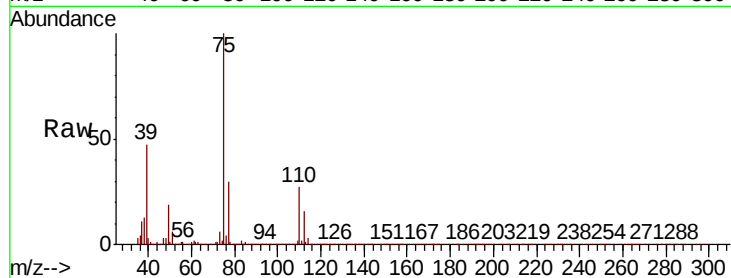




#53
t-1,3-Dichloropropene
Concen: 19.183 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

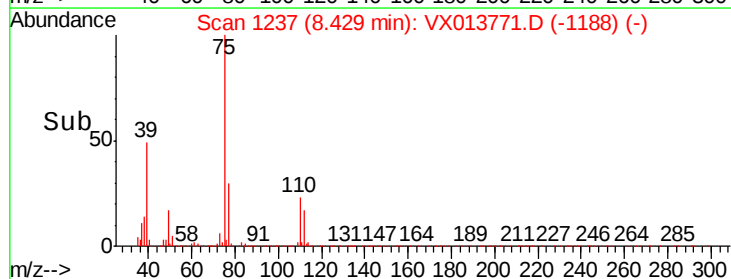
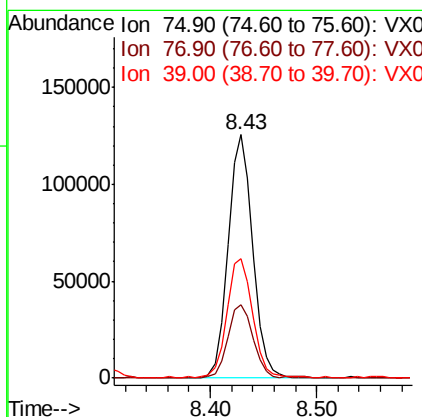
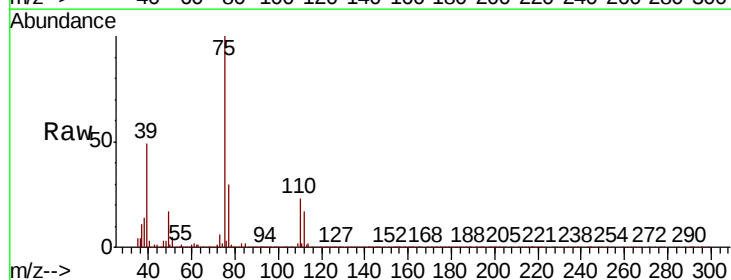
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

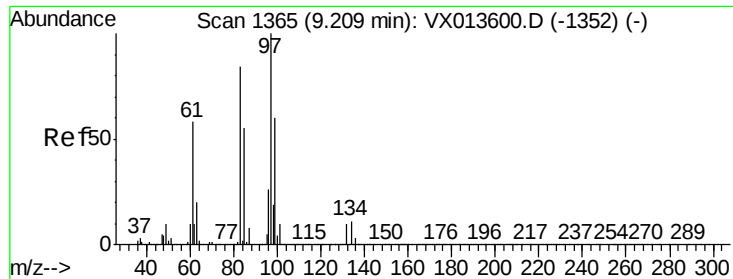
Tot Ion: 75 Resp: 181933
Ion Ratio Lower Upper
75 100
77 30.1 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 19.476 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 75 Resp: 201806
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.6
39 48.9 39.9 59.9

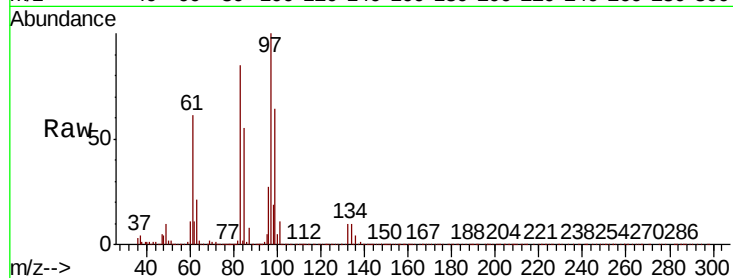




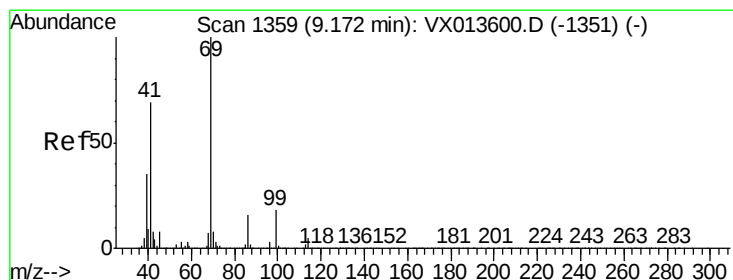
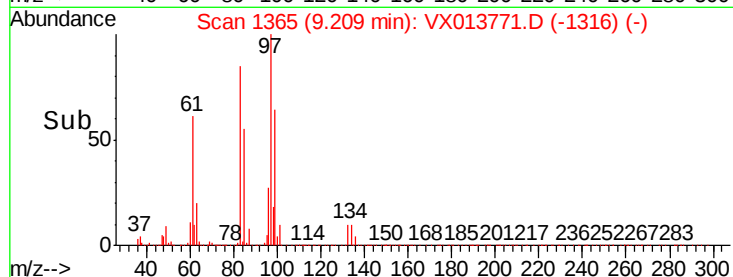
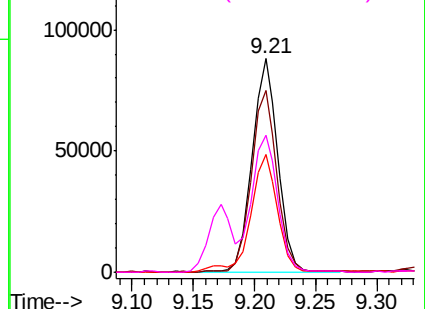
#55
 1,1,2-Trichloroethane
 Concen: 19.892 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion:	97	Resp:	129165
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.3	100.9
85	55.3	43.6	65.4
99	63.8	48.2	72.4

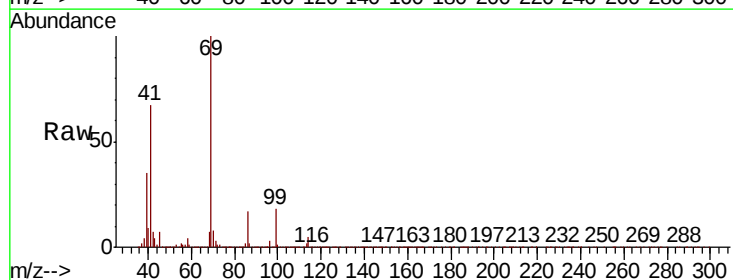


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

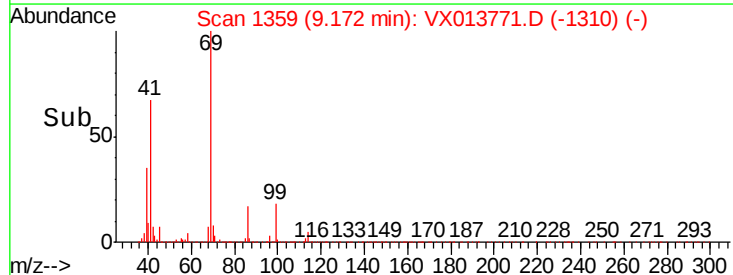
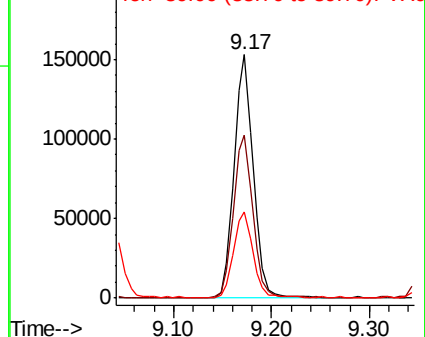


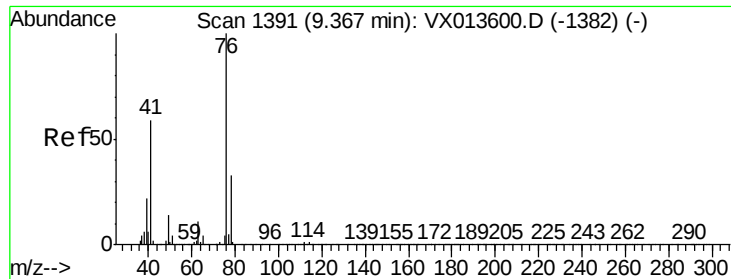
#56
 Ethyl methacrylate
 Concen: 19.832 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion:	69	Resp:	207041
Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.0	82.4
39	35.2	28.7	43.1



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





#57

1,3-Dichloropropane

Concen: 19.382 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

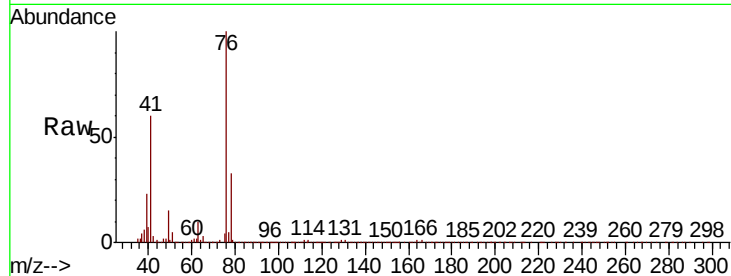
VX1205WBSD02

Tot Ion: 76 Resp: 216936

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

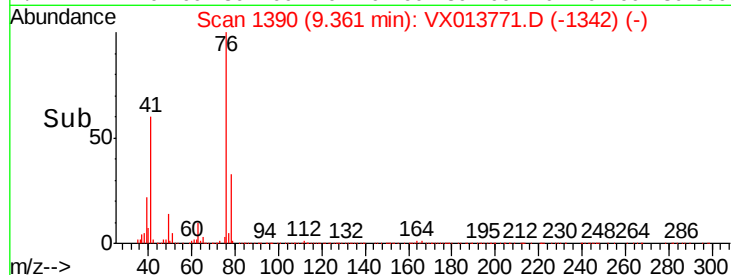
150000

100000

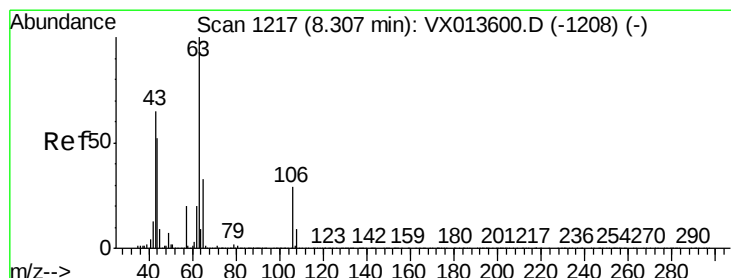
50000

0

9.30 9.35 9.40 9.45



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 89.491 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013771.D

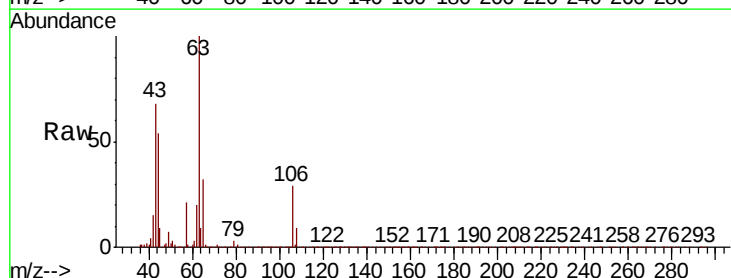
Acq: 05 Dec 2019 13:04

Tgt Ion: 63 Resp: 366298

Ion Ratio Lower Upper

63 100

106 30.2 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

250000

200000

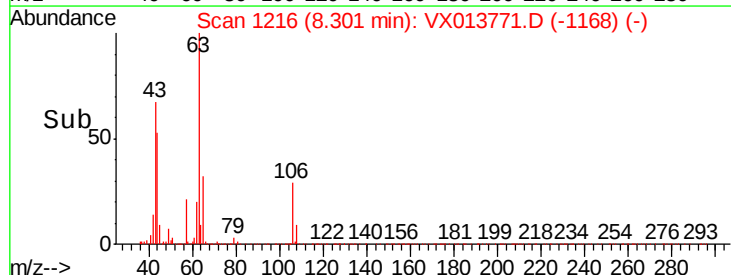
150000

100000

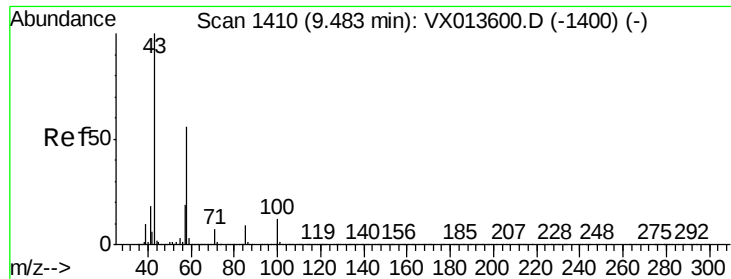
50000

0

8.20 8.30 8.40



Time-->



#59

2-Hexanone

Concen: 95.009 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

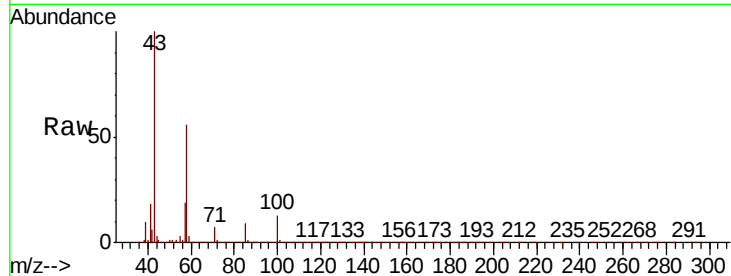
VX1205WBSD02

Tot Ion: 43 Resp: 733121

Ion Ratio Lower Upper

43 100

58 56.1 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VX013600.D (-1400) (-)

Ion 58.00 (57.70 to 58.70): VX013600.D (-1400) (-)

9.48

600000

500000

400000

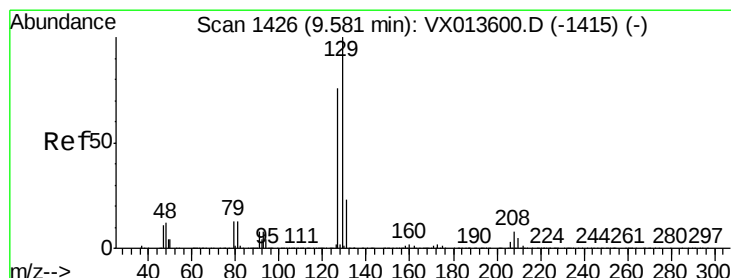
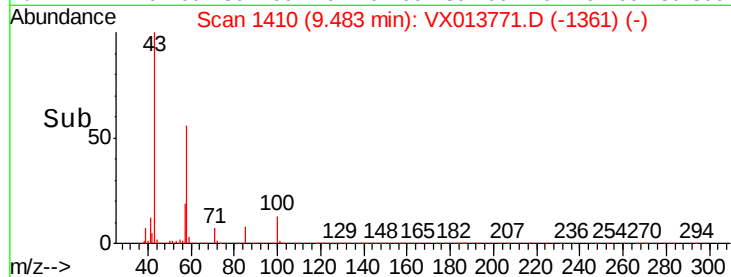
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 20.263 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013771.D

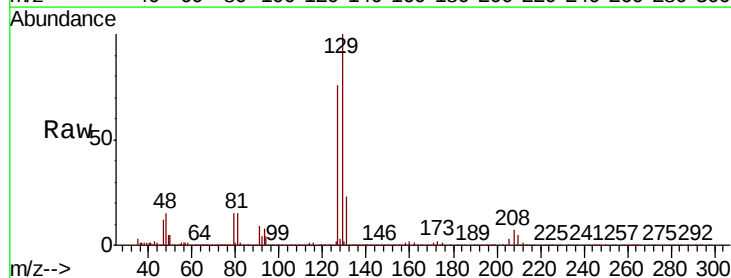
Acq: 05 Dec 2019 13:04

Tgt Ion: 129 Resp: 136545

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VX013600.D (-1415) (-)

Ion 126.80 (126.50 to 127.50): VX013600.D (-1415) (-)

9.57

100000

80000

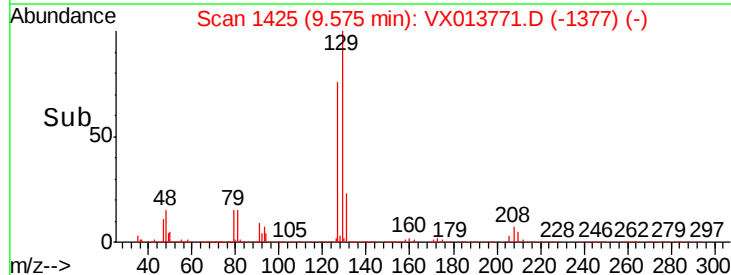
60000

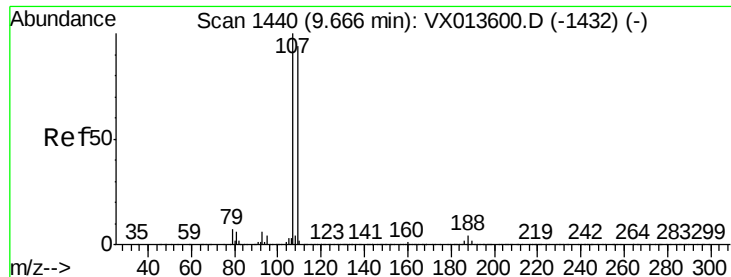
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 19.998 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

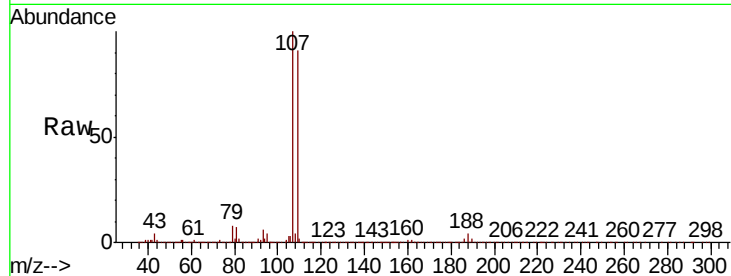
VX1205WBSD02

Tot Ion:107 Resp: 138687

Ion Ratio Lower Upper

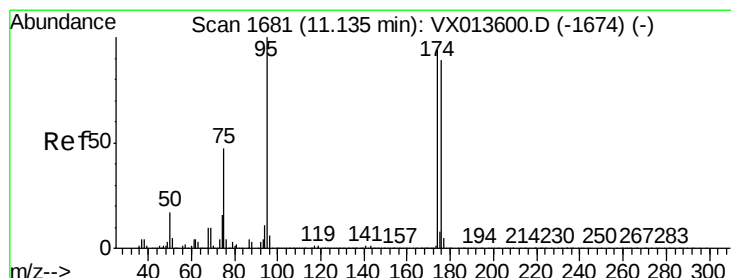
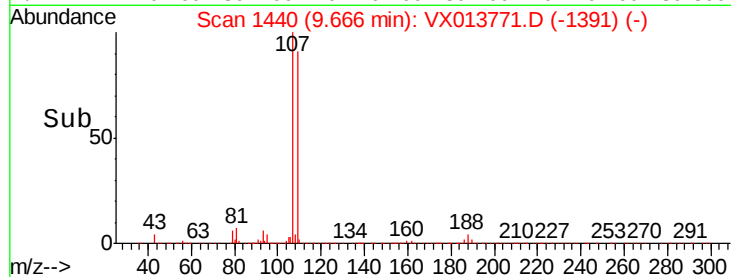
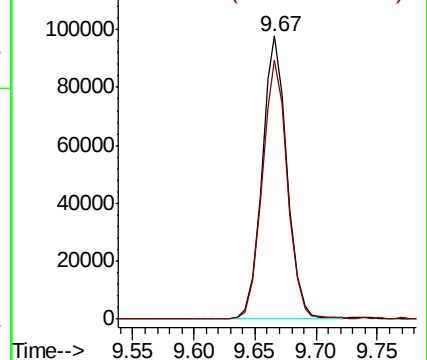
107 100

109 92.3 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: 46.675 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

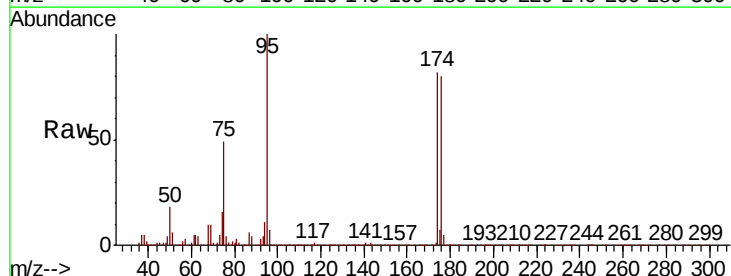
Tgt Ion: 95 Resp: 380328

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

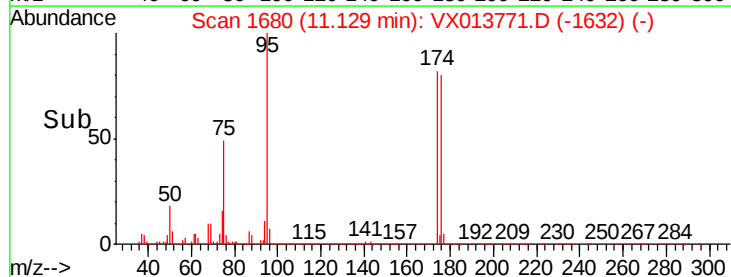
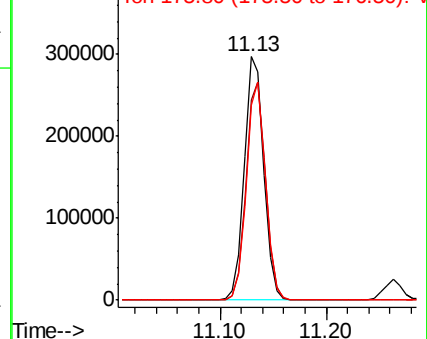
176 88.0 0.0 173.6

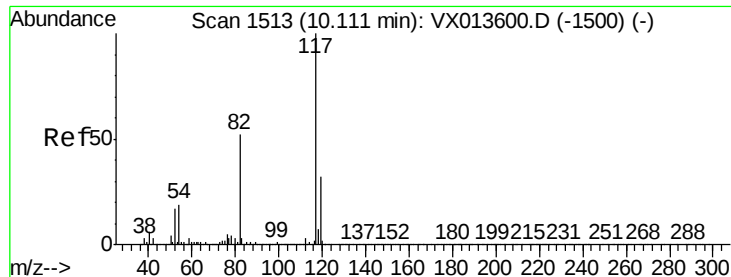


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

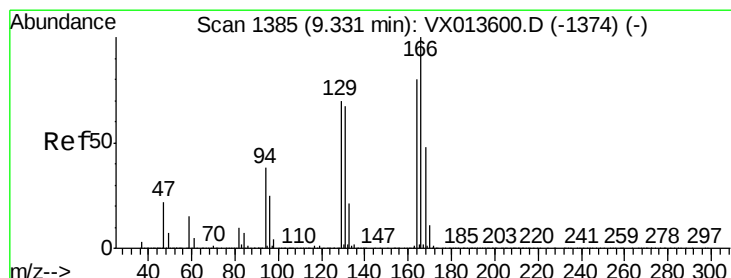
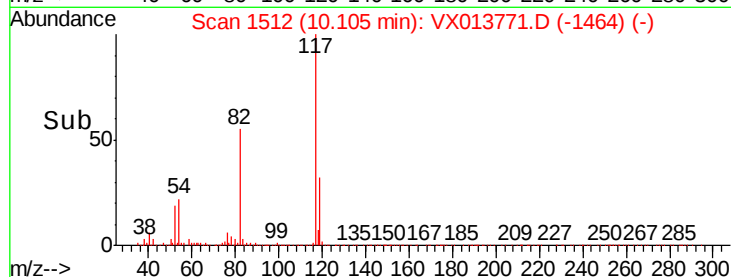
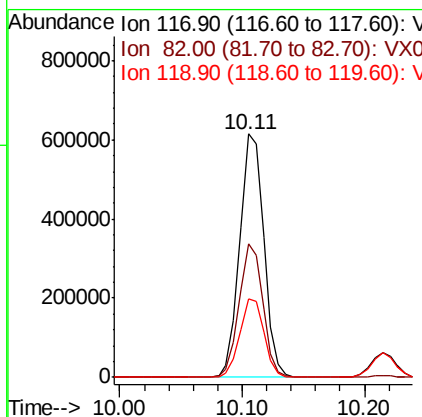
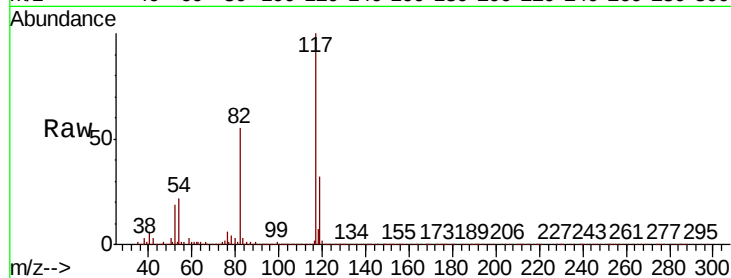




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

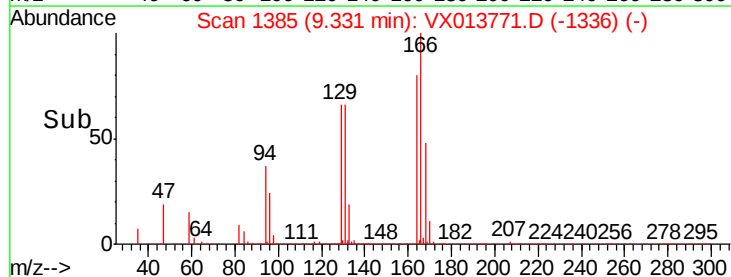
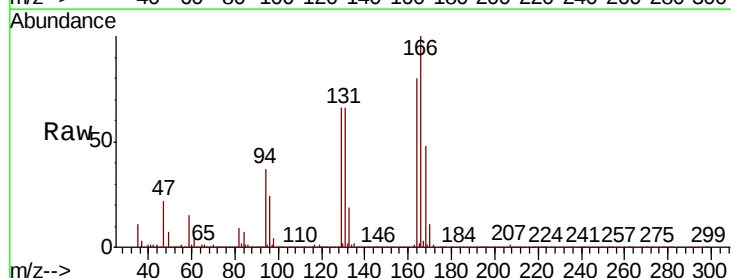
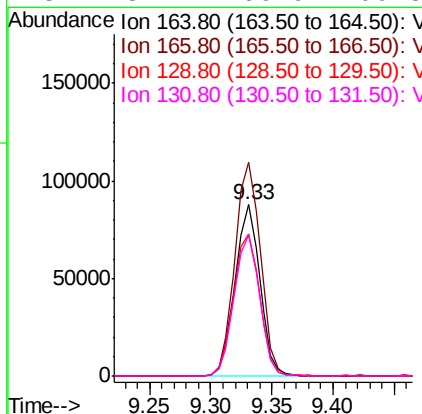
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

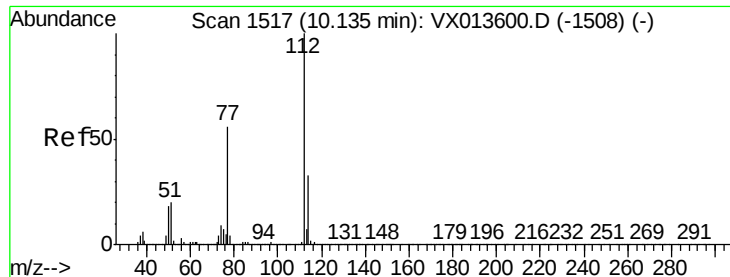
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.8
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 19.583 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	99.7	149.5
129	82.6	70.1	105.1
131	82.1	66.9	100.3





#65

Chlorobenzene

Concen: 19.232 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

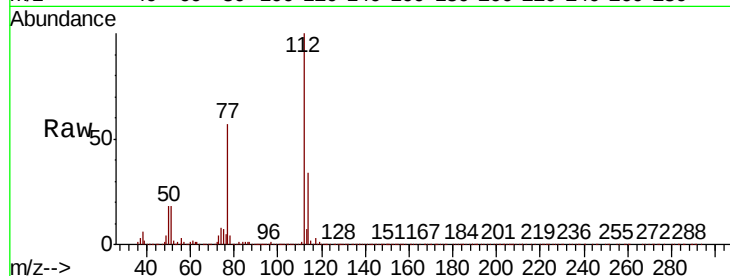
VX1205WBSD02

Tot Ion:112 Resp: 335216

Ion Ratio Lower Upper

112 100

114 33.5 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

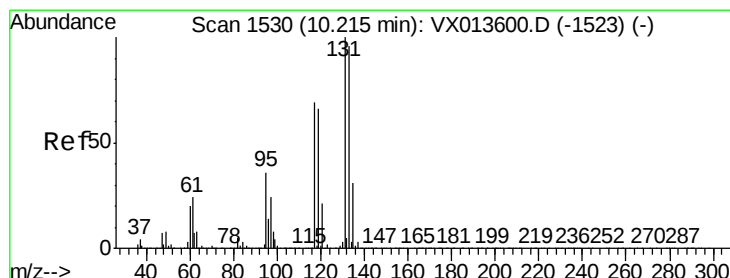
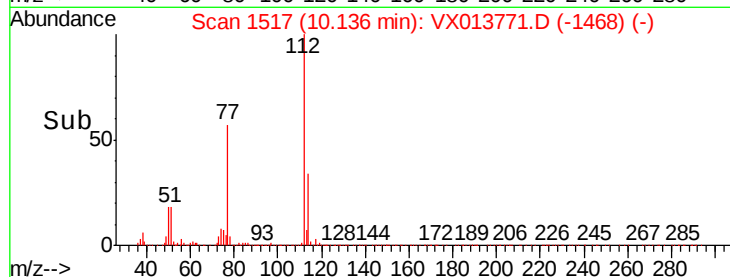
100000

50000

0

10.10 10.14 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.897 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

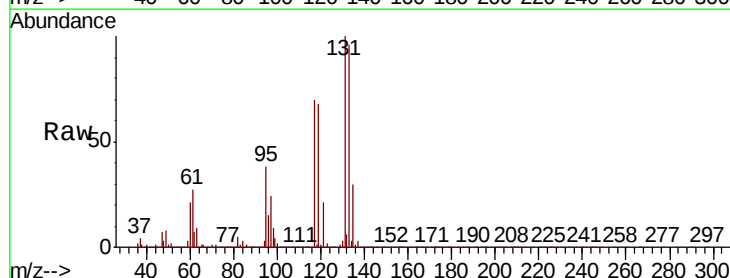
Tgt Ion:131 Resp: 124538

Ion Ratio Lower Upper

131 100

133 96.5 47.7 143.1

119 66.4 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

250000

200000

150000

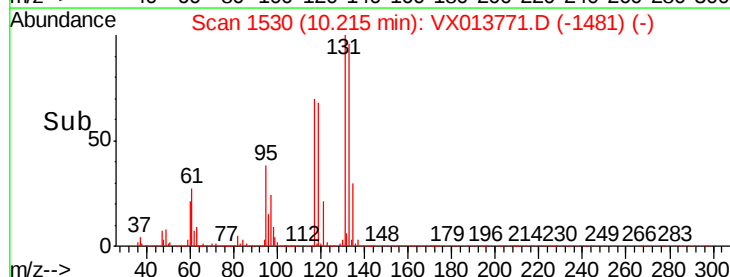
100000

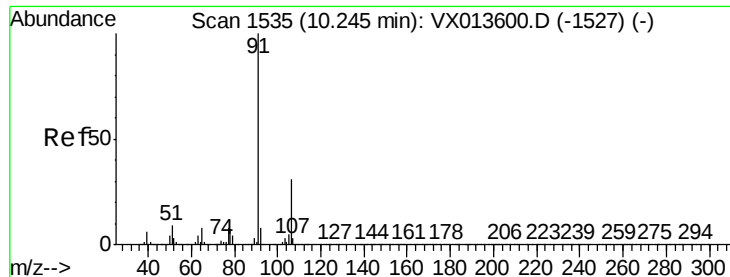
50000

0

10.10 10.21 10.30

Time-->





#67

Ethyl Benzene

Concen: 19.601 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

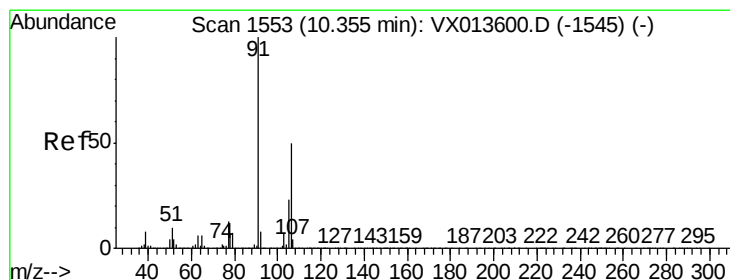
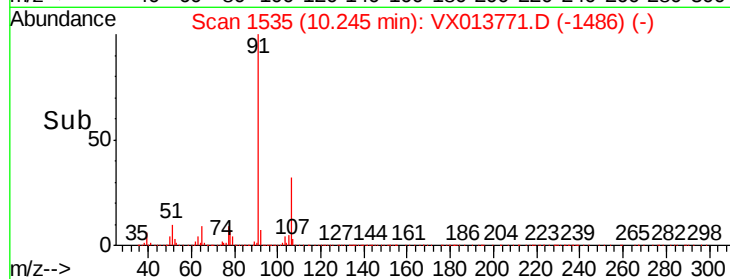
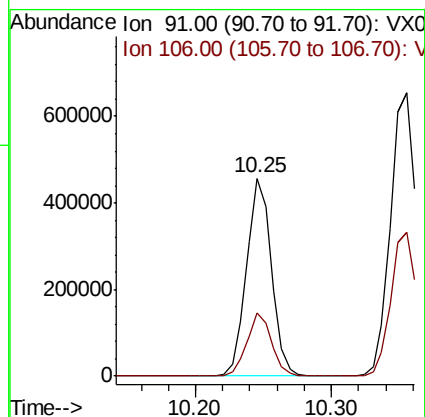
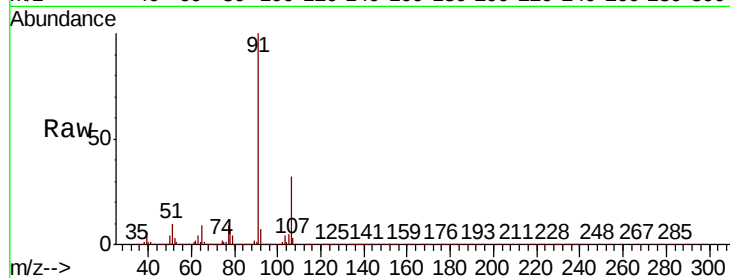
VX1205WBSD02

Tot Ion: 91 Resp: 587092

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 39.317 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013771.D

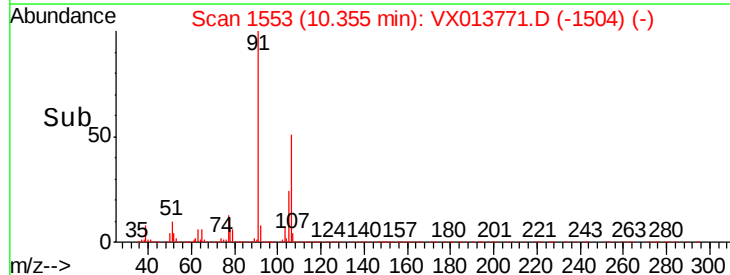
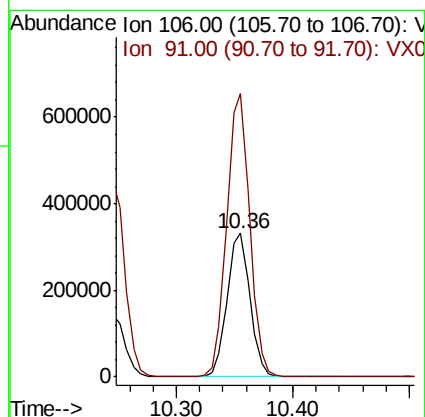
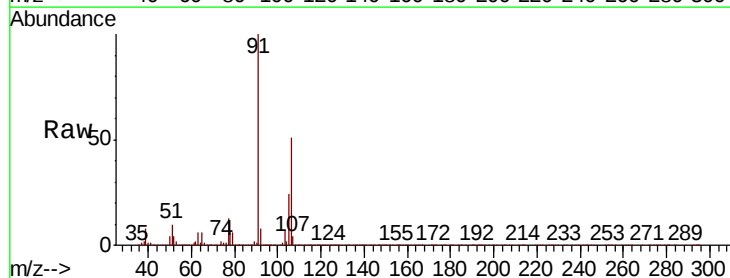
Acq: 05 Dec 2019 13:04

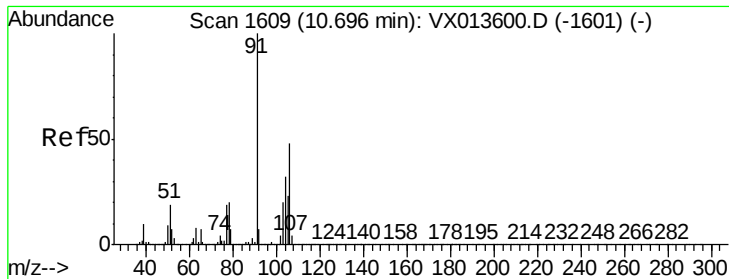
Tgt Ion: 106 Resp: 450858

Ion Ratio Lower Upper

106 100

91 197.6 159.0 238.4

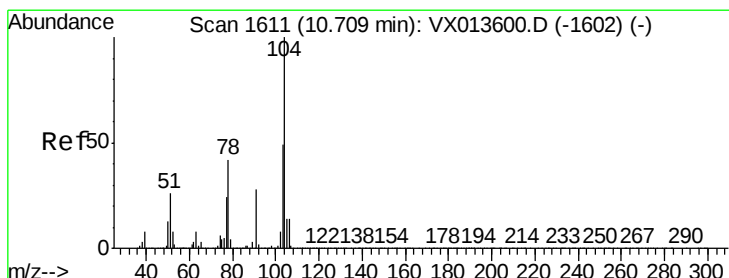
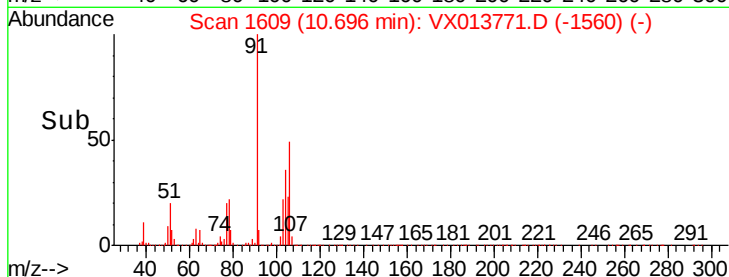
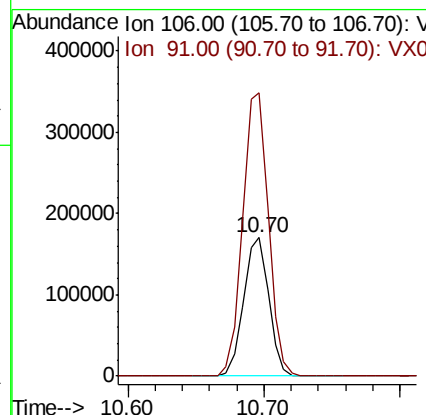
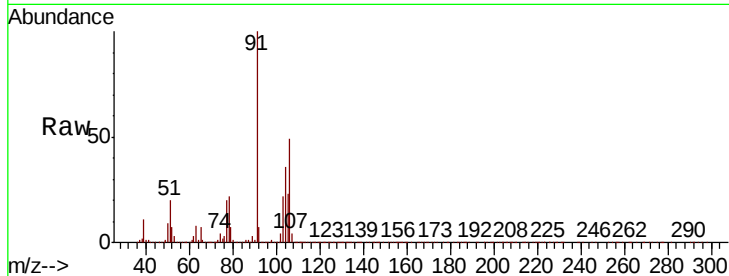




#69
o-Xylene
Concen: 19.613 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

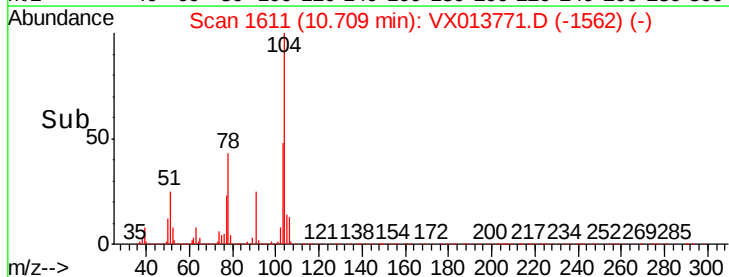
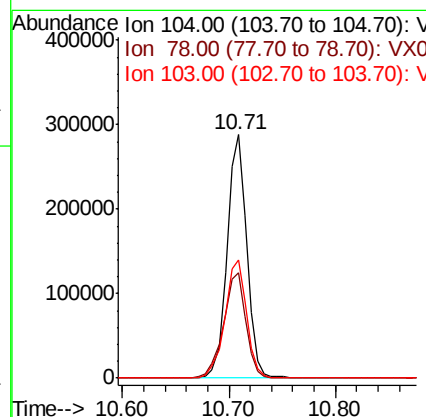
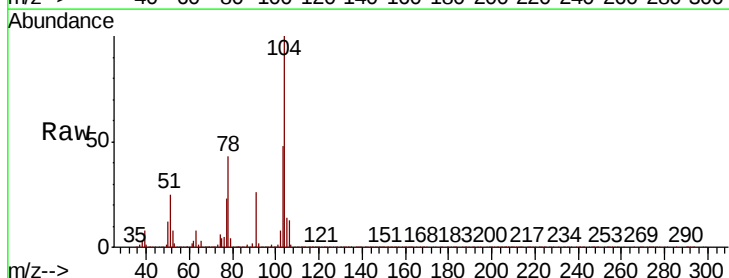
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

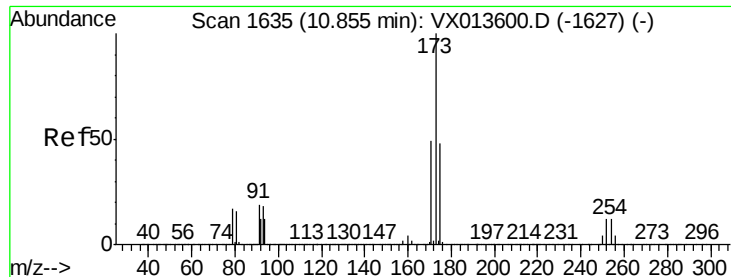
Tot Ion:106 Resp: 219353
Ion Ratio Lower Upper
106 100
91 209.5 104.1 312.2



#70
Styrene
Concen: 19.740 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion:104 Resp: 371378
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 53.5 43.7 65.5





#71

Bromoform

Concen: 19.800 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

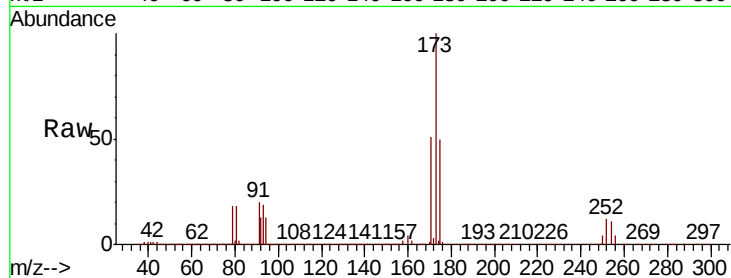
Tot Ion:173 Resp: 102540

Ion Ratio Lower Upper

173 100

175 50.4 24.3 72.8

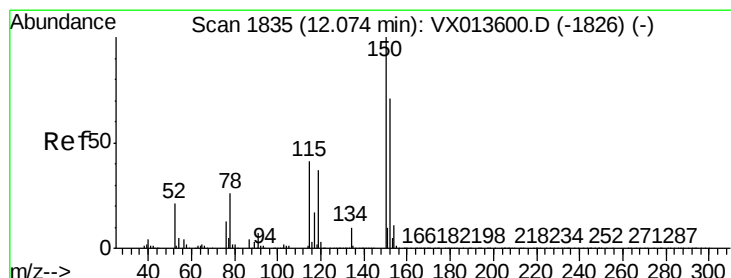
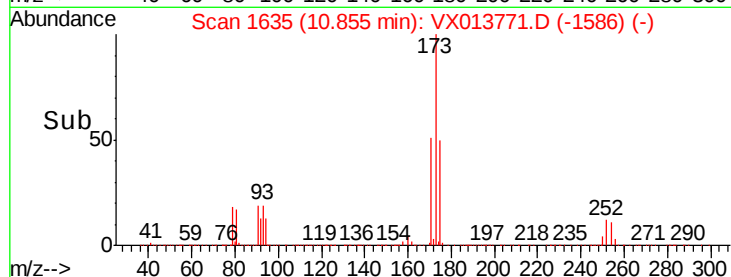
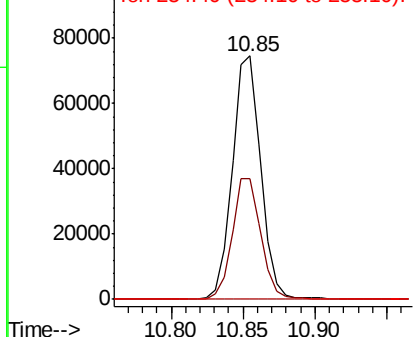
254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

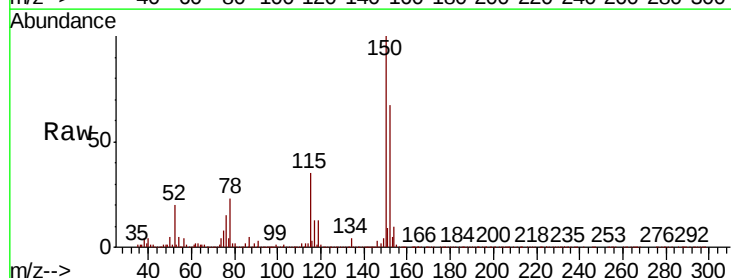
Tgt Ion:152 Resp: 428541

Ion Ratio Lower Upper

152 100

115 62.1 38.4 115.1

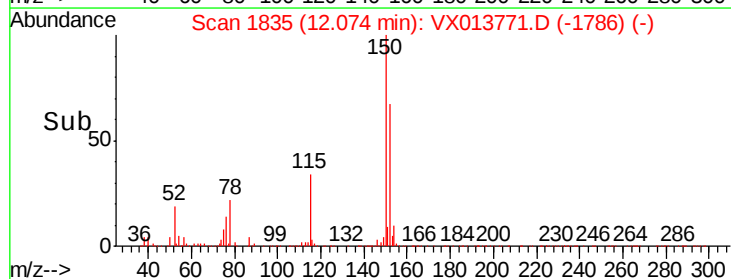
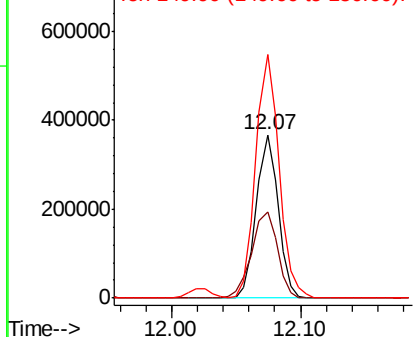
150 159.1 0.0 346.8

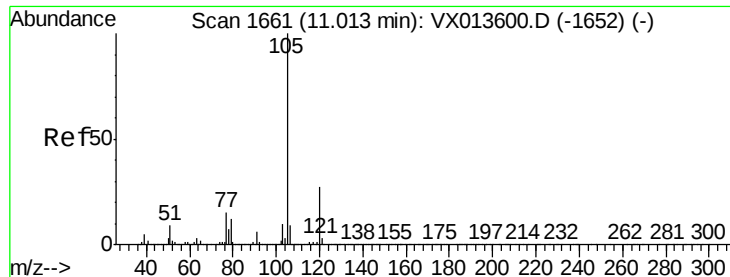


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.224 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

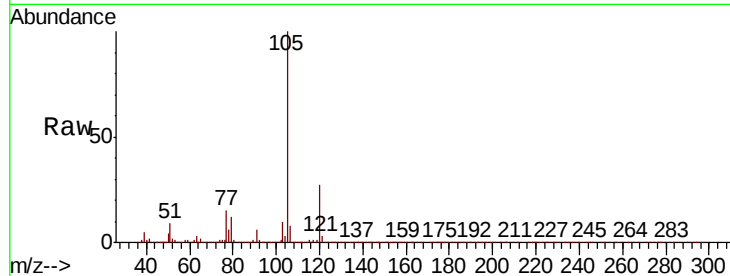
VX1205WBSD02

Tot Ion:105 Resp: 577871

Ion Ratio Lower Upper

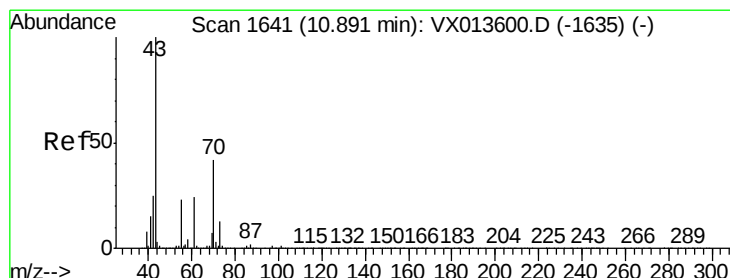
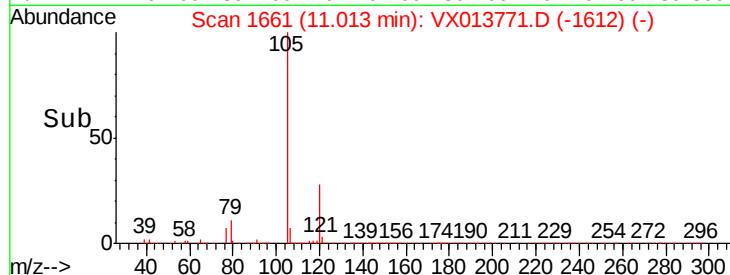
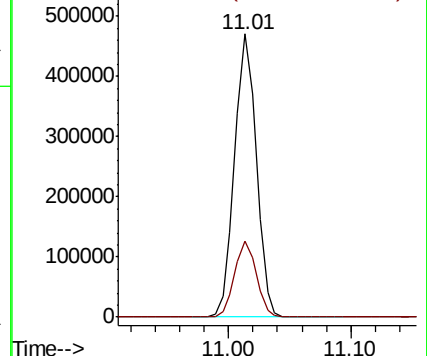
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.952 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion: 43 Resp: 260982

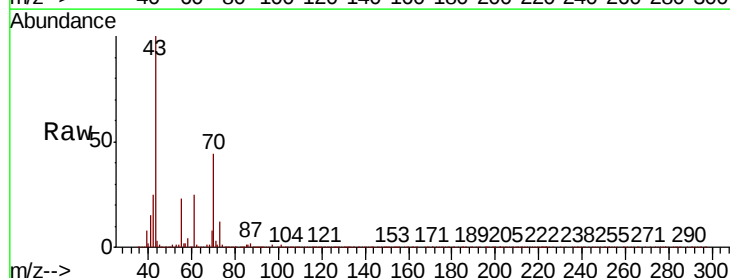
Ion Ratio Lower Upper

43 100

70 44.2 34.3 51.5

55 24.2 18.5 27.7

61 24.9 19.8 29.8

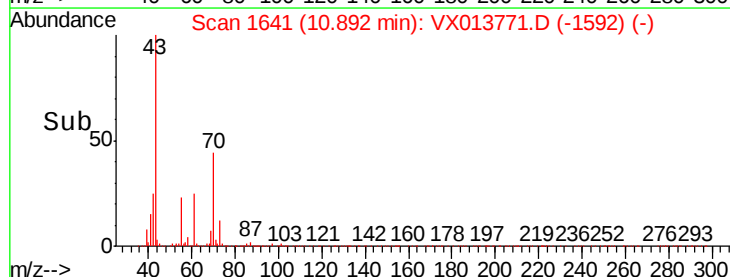
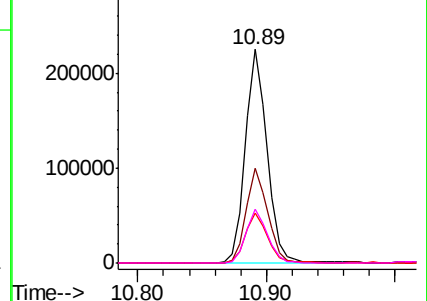


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.544 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

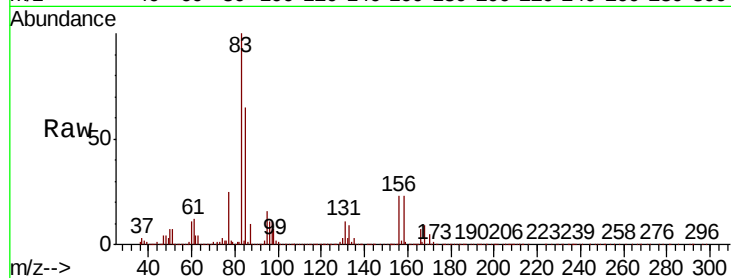
Tot Ion: 83 Resp: 203740

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

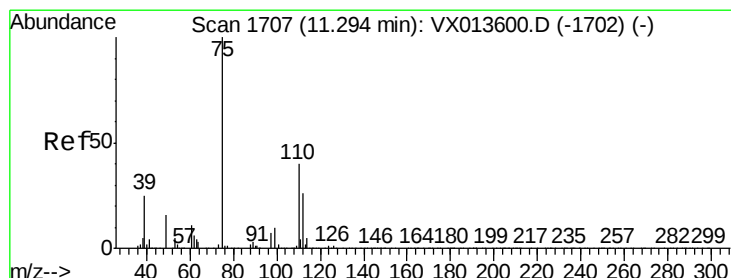
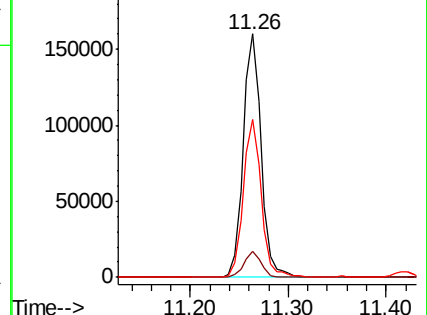
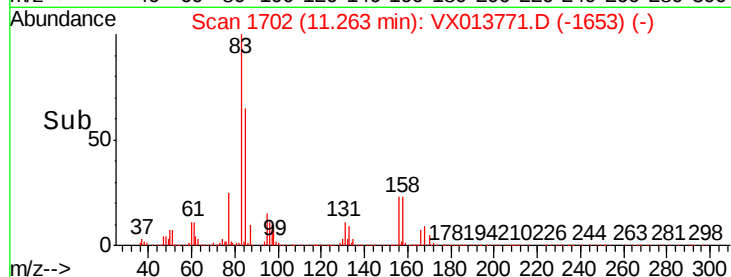
85 64.2 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.812 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013771.D

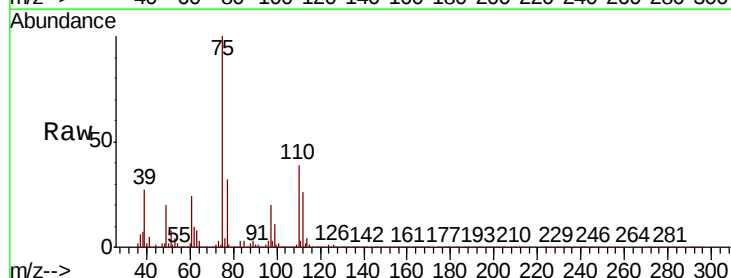
Acq: 05 Dec 2019 13:04

Tgt Ion: 75 Resp: 219877

Ion Ratio Lower Upper

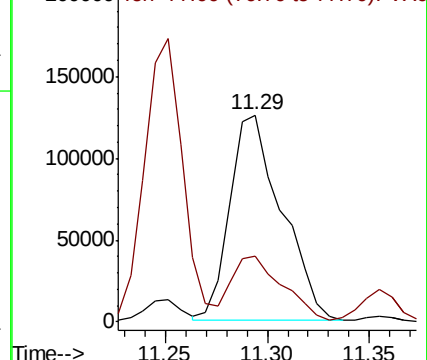
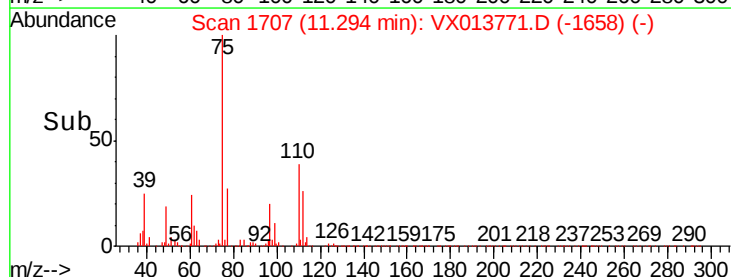
75 100

77 31.3 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.167 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

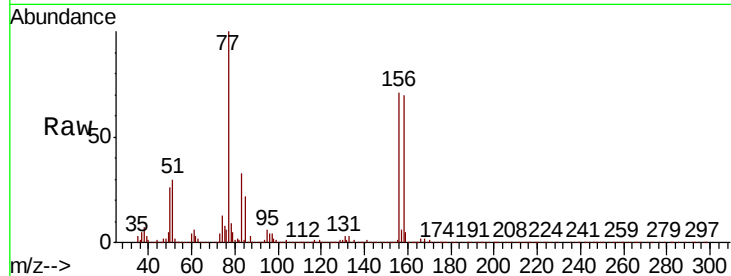
Tot Ion:156 Resp: 155652

Ion Ratio Lower Upper

156 100

77 145.5 74.4 223.1

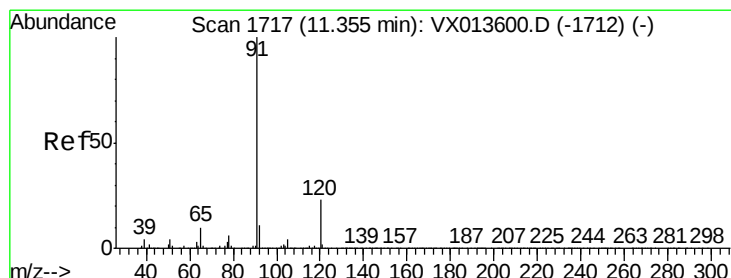
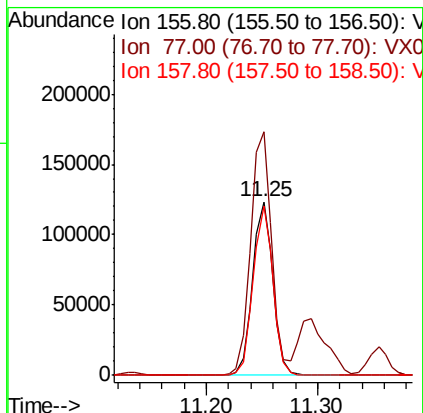
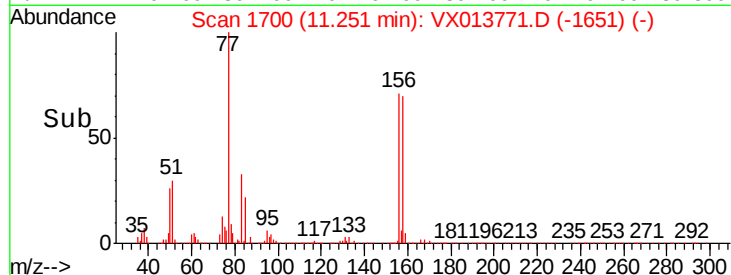
158 96.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.173 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013771.D

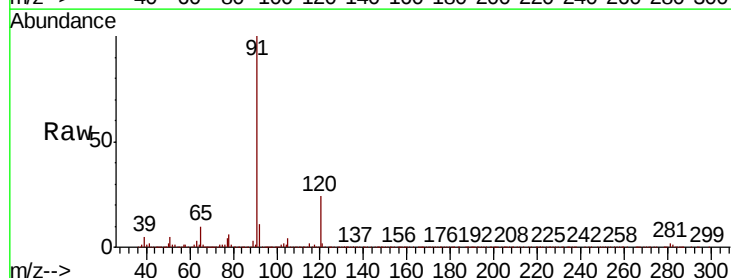
Acq: 05 Dec 2019 13:04

Tgt Ion: 91 Resp: 643400

Ion Ratio Lower Upper

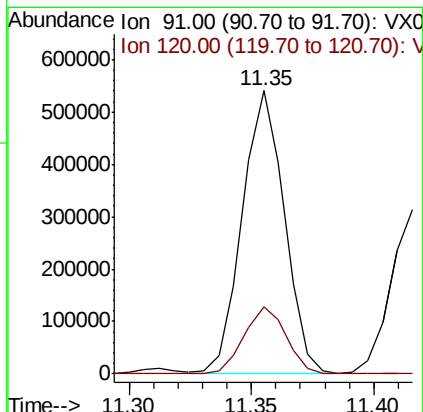
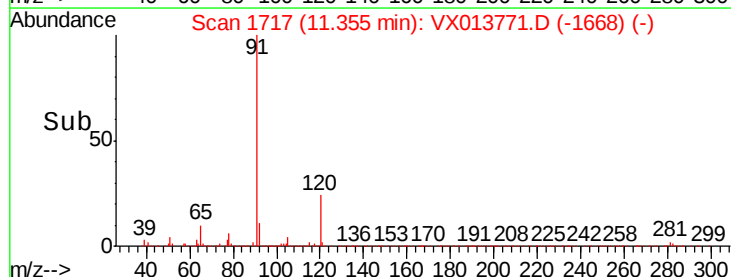
91 100

120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.390 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

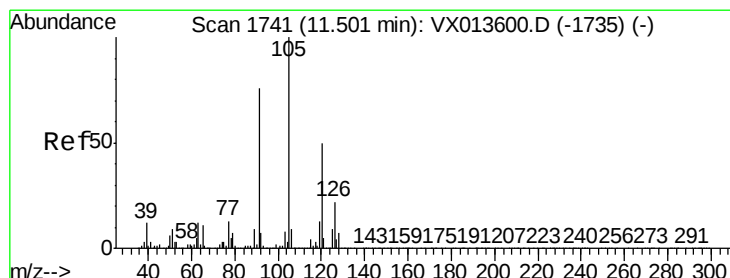
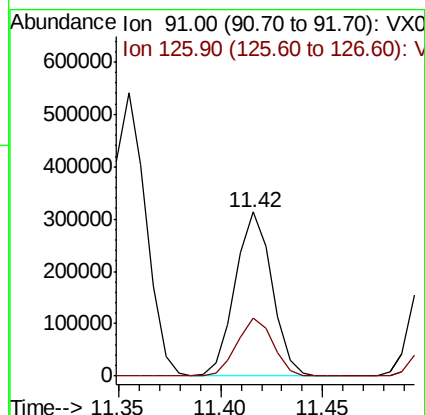
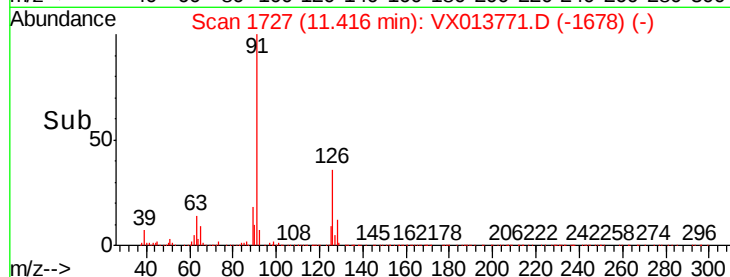
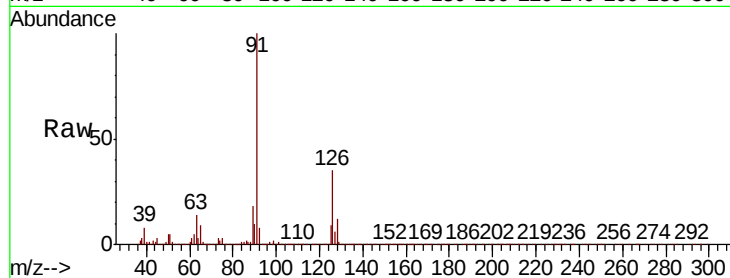
VX1205WBSD02

Tot Ion: 91 Resp: 390316

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.613 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013771.D

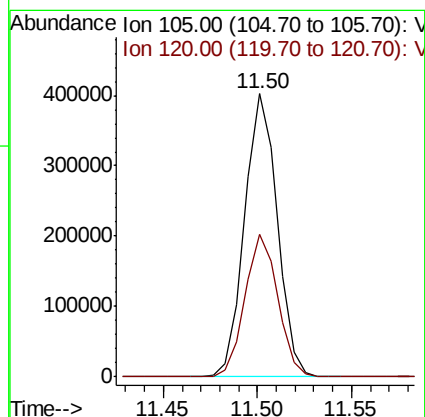
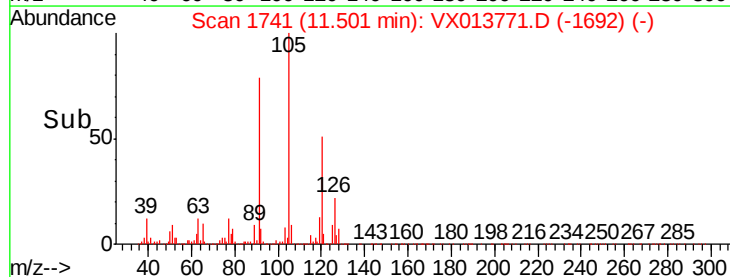
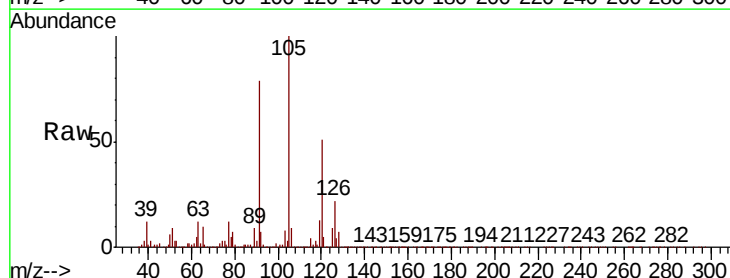
Acq: 05 Dec 2019 13:04

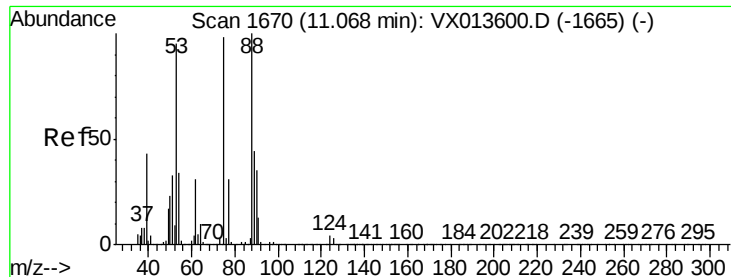
Tgt Ion: 105 Resp: 483222

Ion Ratio Lower Upper

105 100

120 50.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.809 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

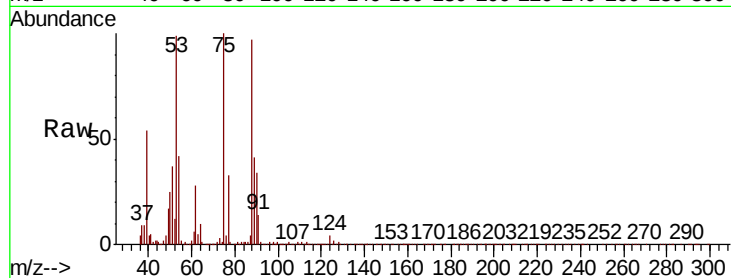
MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 75 Resp: 62745

Ion	Ratio	Lower	Upper
75	100		
53	98.7	78.2	117.2
89	43.2	35.4	53.2

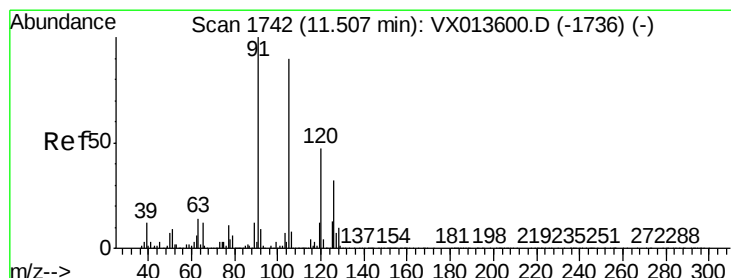
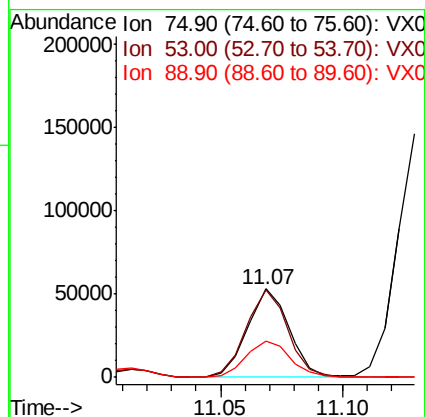
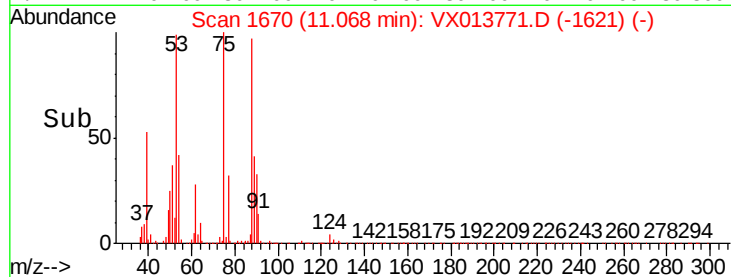


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.144 ug/l

RT: 11.51 min Scan# 1742

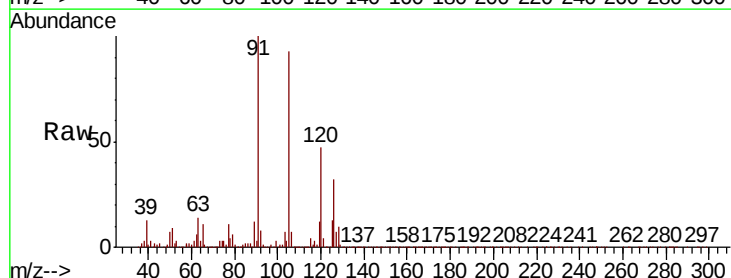
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion: 91 Resp: 446340

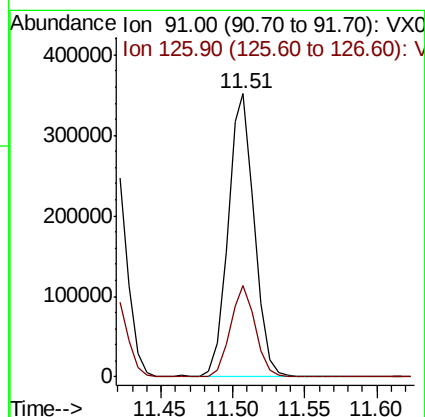
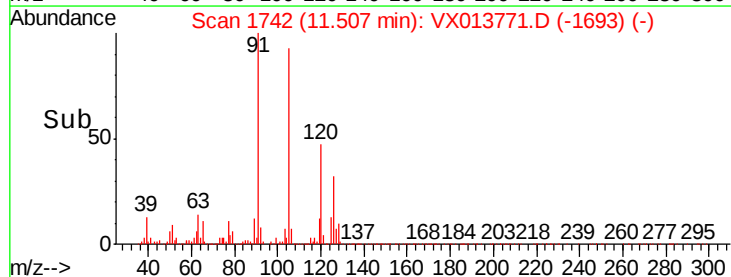
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0

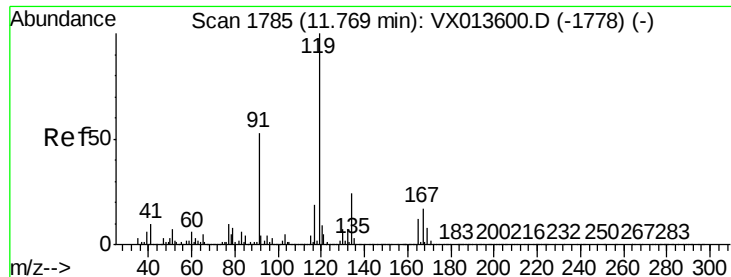


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

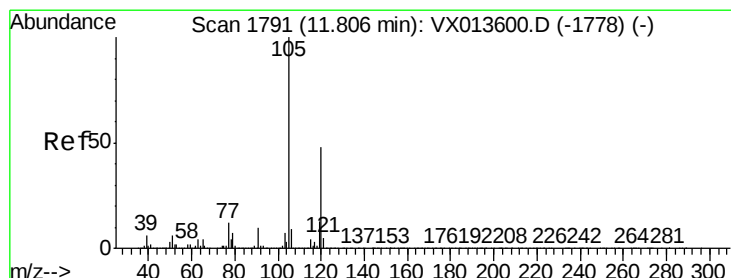
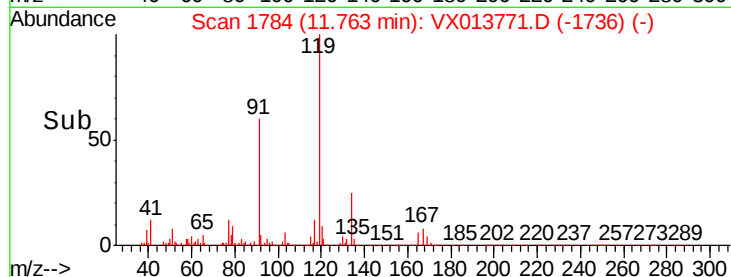
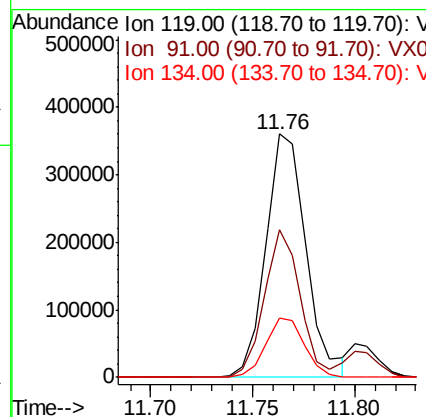
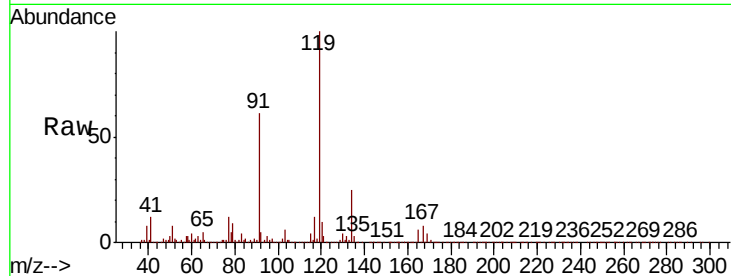




#83
tert-Butylbenzene
Concen: 19.751 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

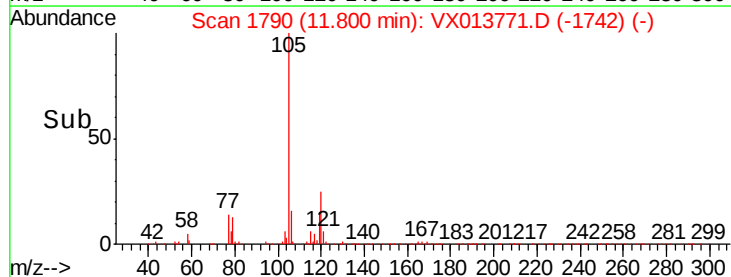
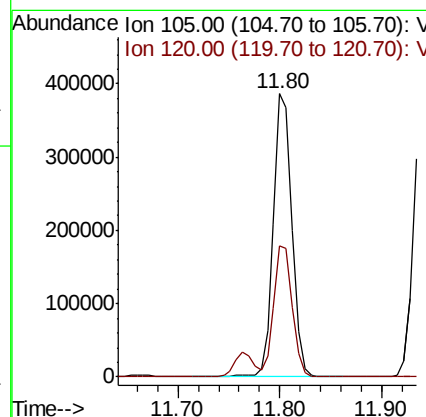
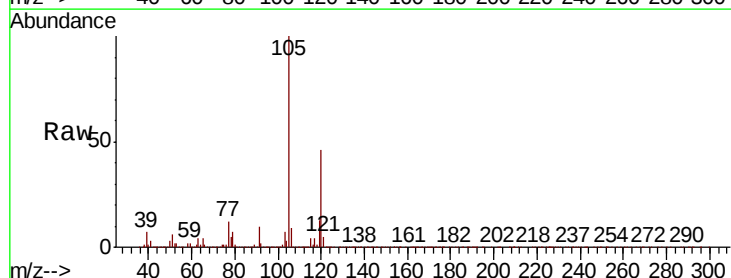
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

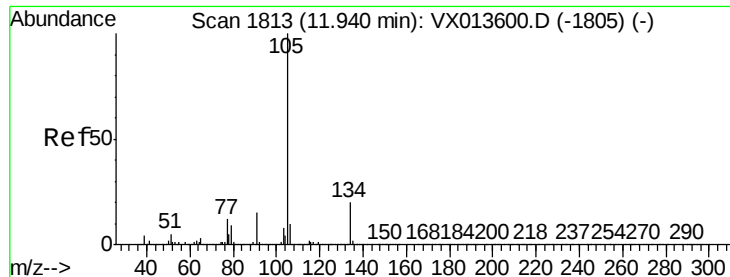
Tot Ion:119 Resp: 494549
Ion Ratio Lower Upper
119 100
91 54.0 27.2 81.6
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.425 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion:105 Resp: 485712
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.572 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

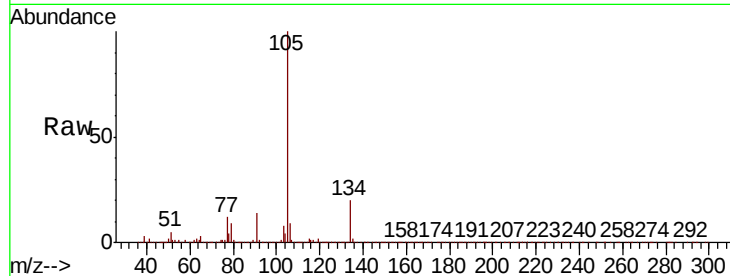
VX1205WBSD02

Tot Ion:105 Resp: 559749

Ion Ratio Lower Upper

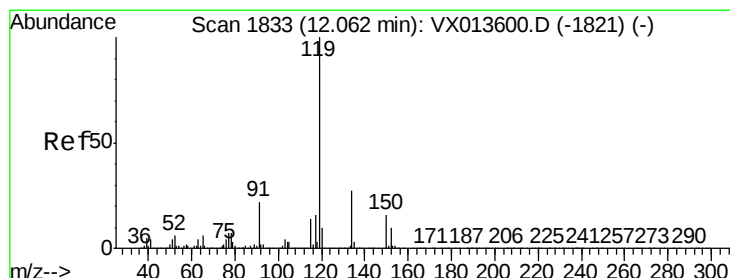
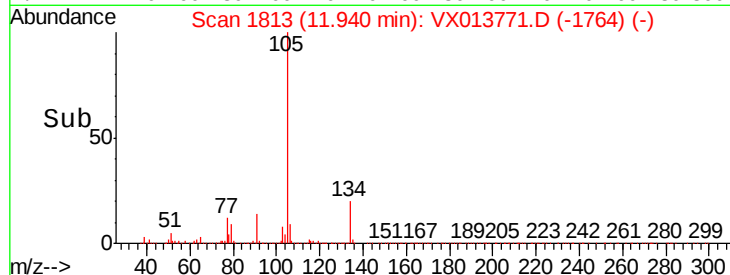
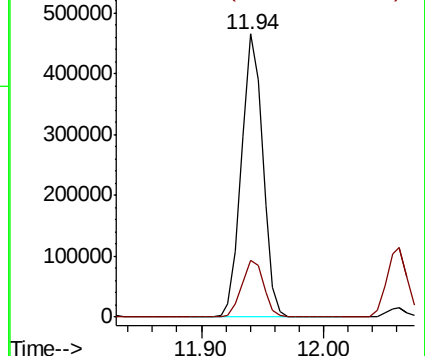
105 100

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



#86

p-Isopropyltoluene

Concen: 19.460 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

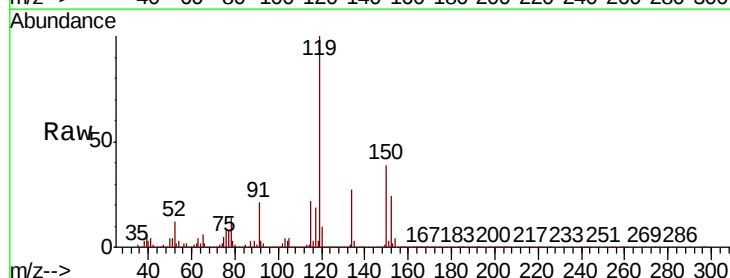
Tgt Ion:119 Resp: 517751

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

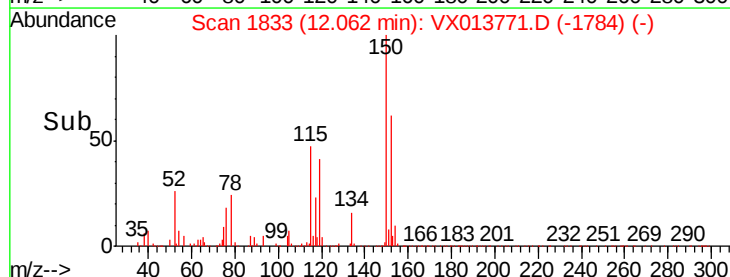
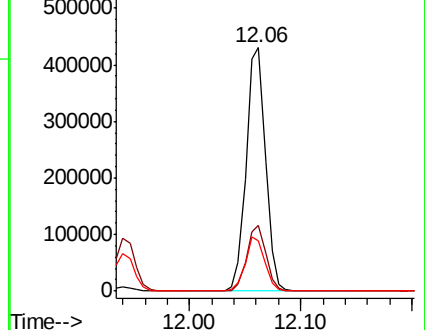
91 22.3 11.3 33.8

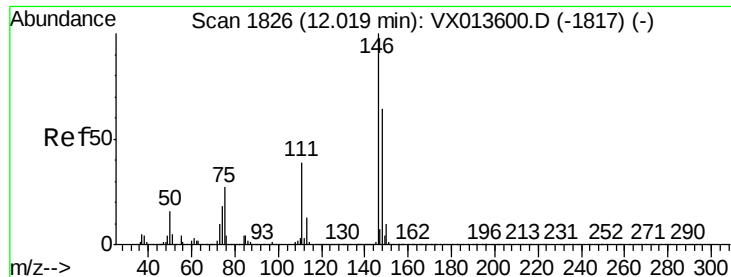


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

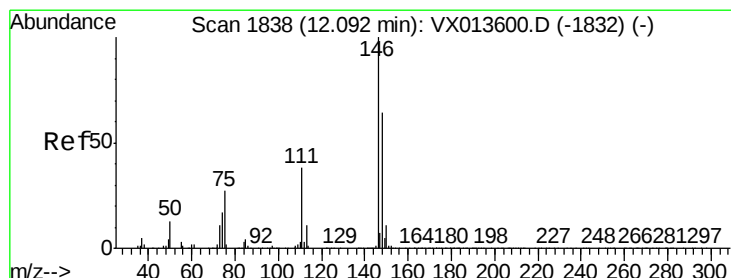
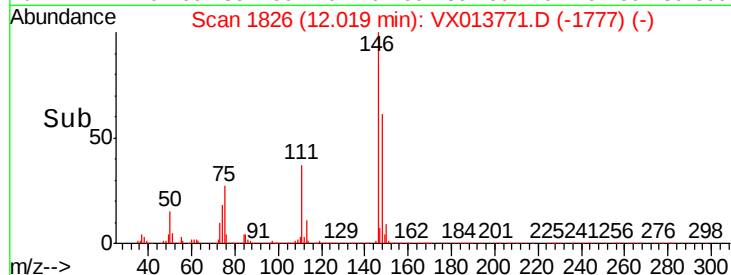
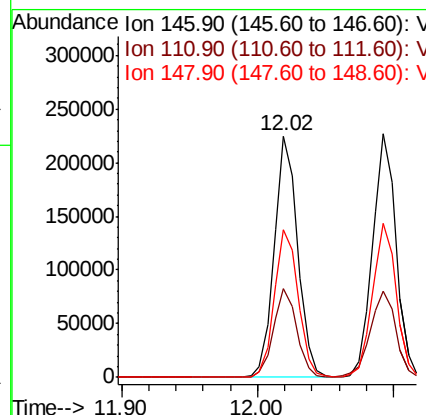
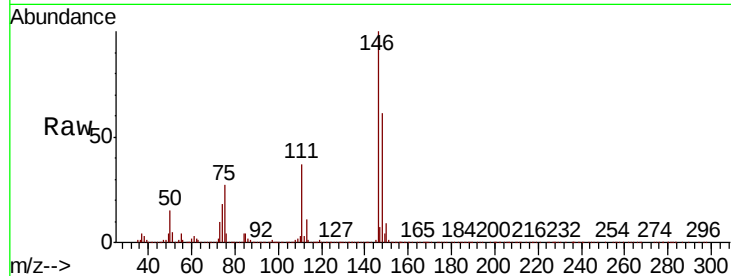




#87
 1,3-Dichlorobenzene
 Concen: 19.132 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

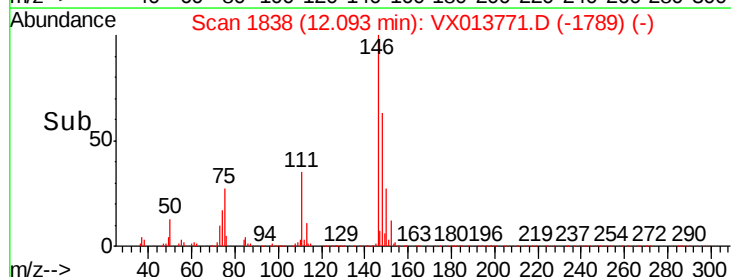
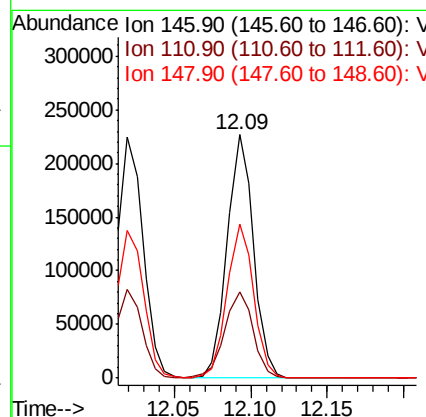
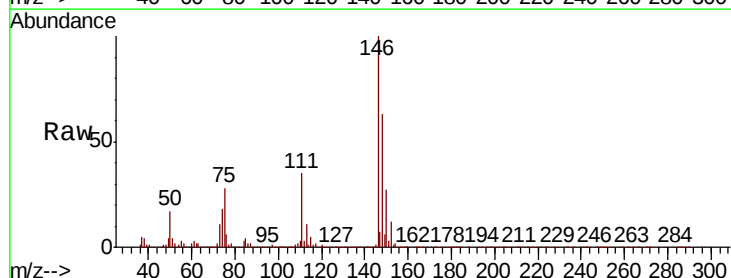
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

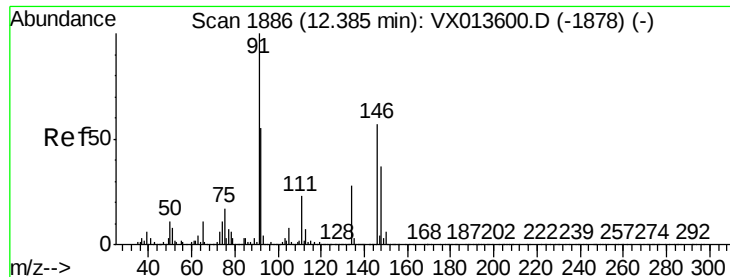
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	19.0	57.0
148	62.4	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.752 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	63.6	31.9	95.5

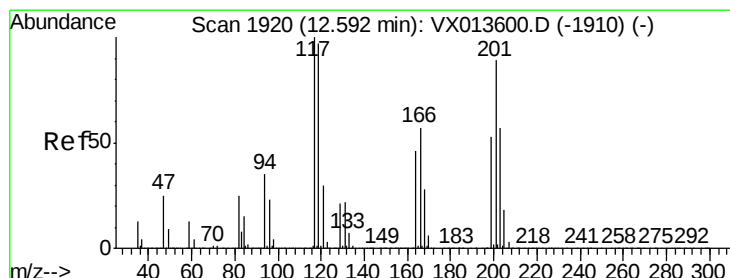
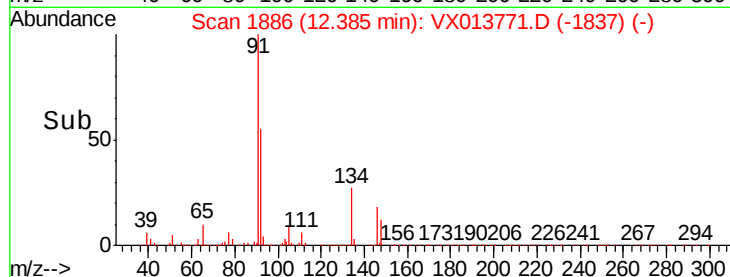
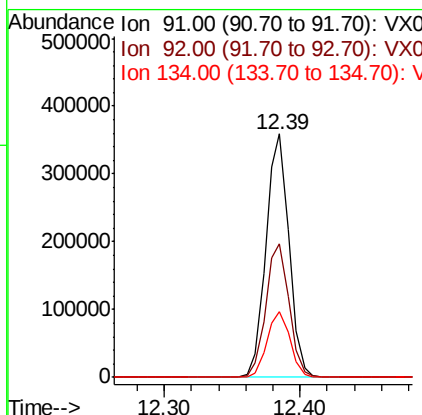
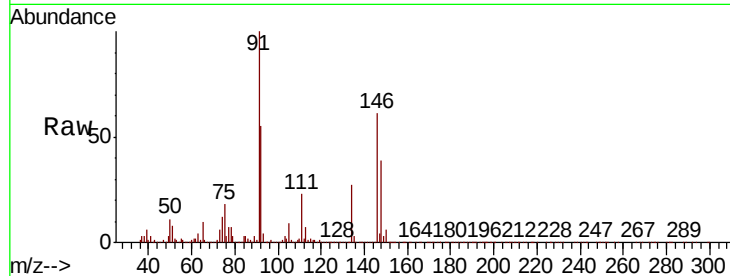




#89
n-Butylbenzene
Concen: 18.813 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

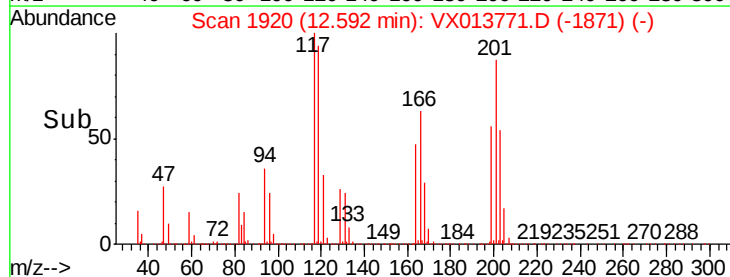
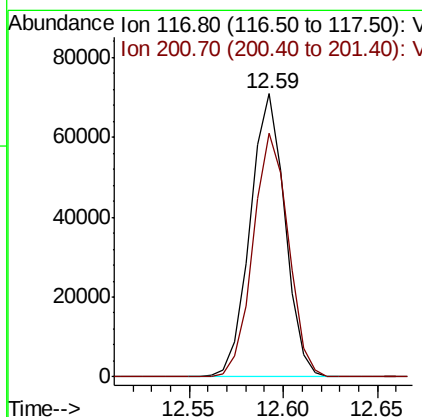
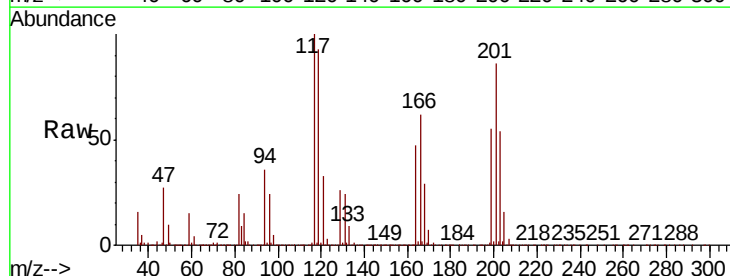
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

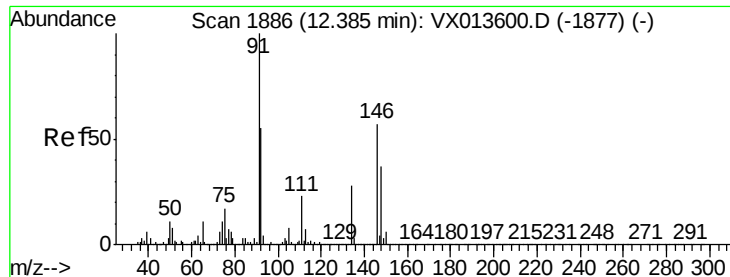
Tot Ion: 91 Resp: 426913
Ion Ratio Lower Upper
91 100
92 55.6 27.4 82.2
134 27.5 13.5 40.4



#90
Hexachloroethane
Concen: 18.798 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 117 Resp: 90401
Ion Ratio Lower Upper
117 100
201 87.7 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.429 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

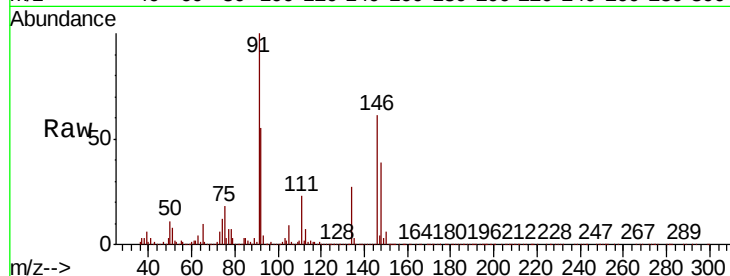
Tot Ion:146 Resp: 271743

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

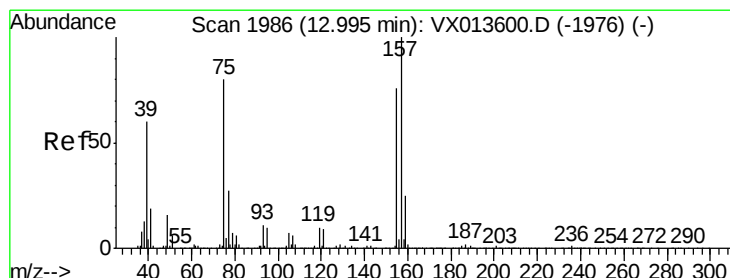
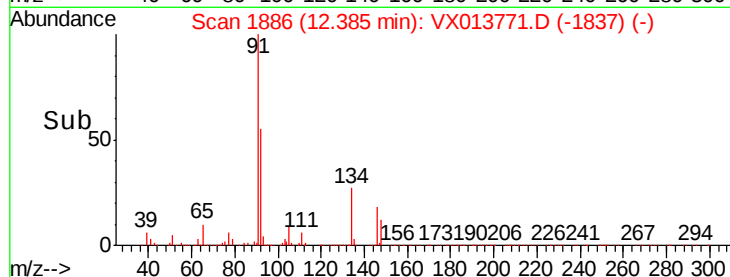
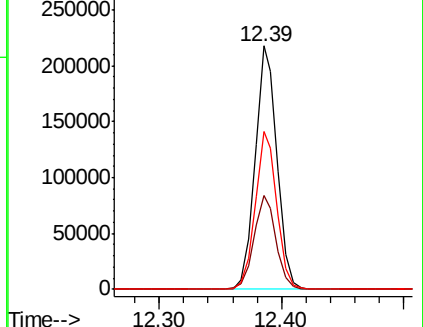
148 63.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.805 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

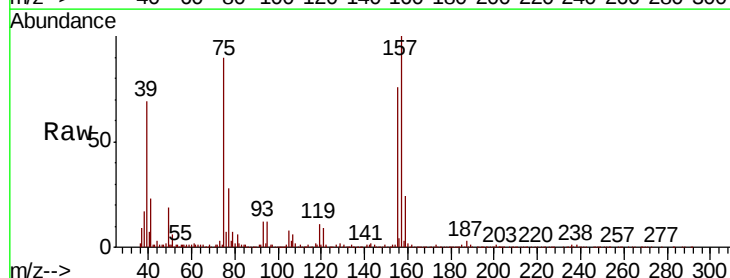
Tgt Ion: 75 Resp: 42691

Ion Ratio Lower Upper

75 100

155 95.8 47.6 142.8

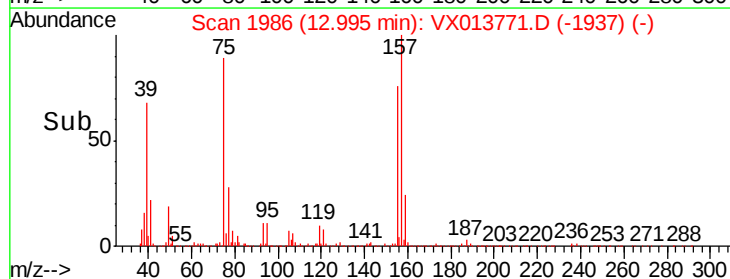
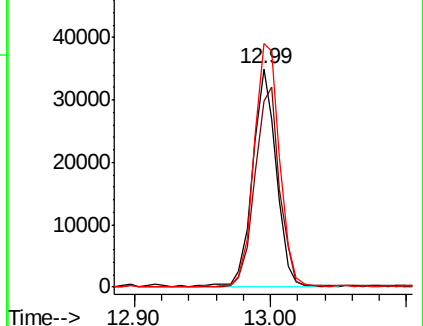
157 120.5 62.1 186.2

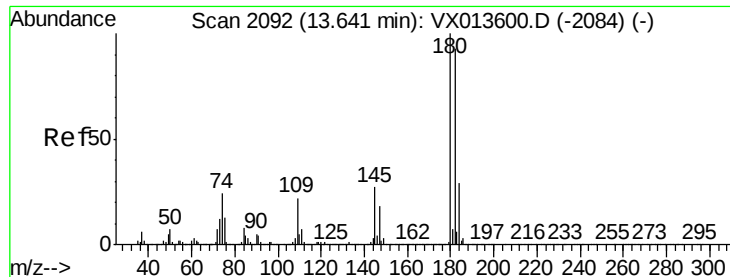


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

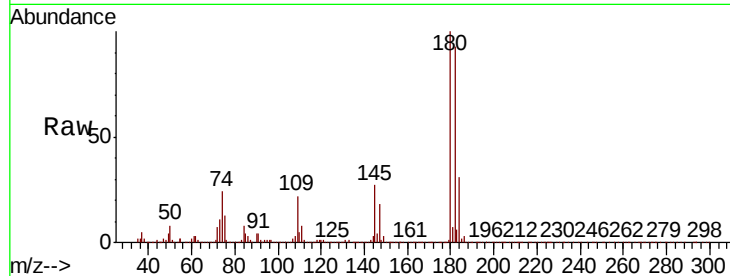




#93
 1,2,4-Trichlorobenzene
 Concen: 18.631 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.2	141.6
145	28.3	13.8	41.4

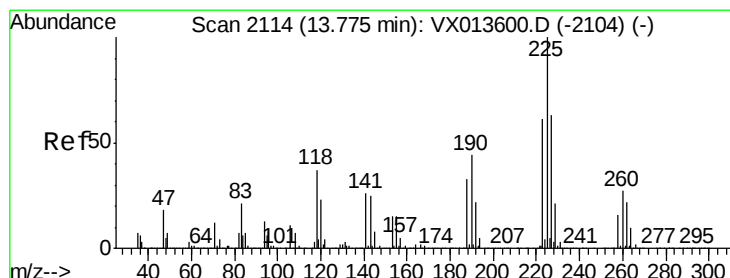
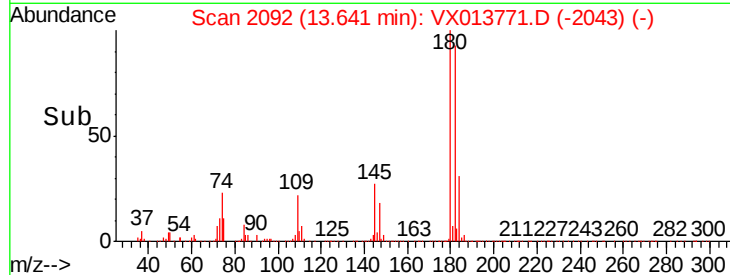
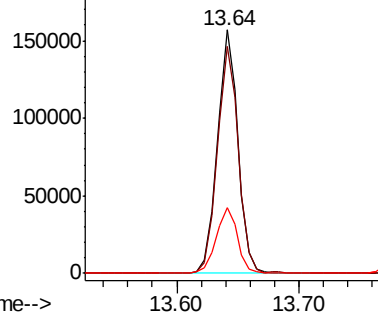


Abundance

Ion 179.80 (179.50 to 180.50): V

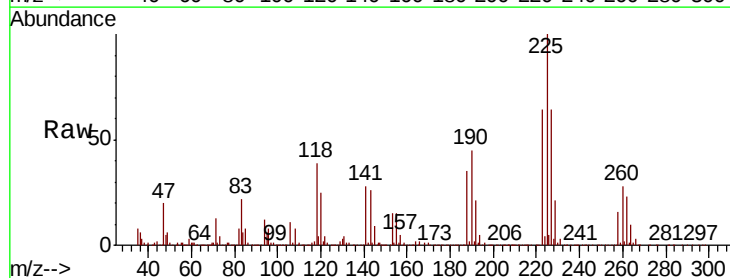
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.393 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.9	95.5
227	64.7	32.1	96.3

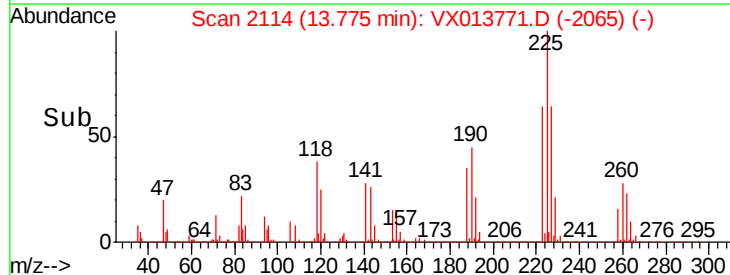
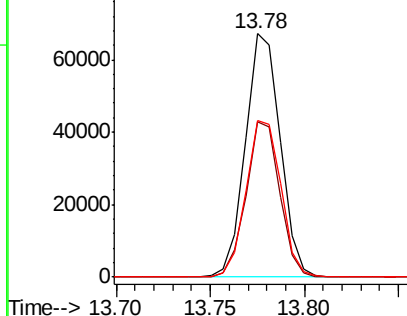


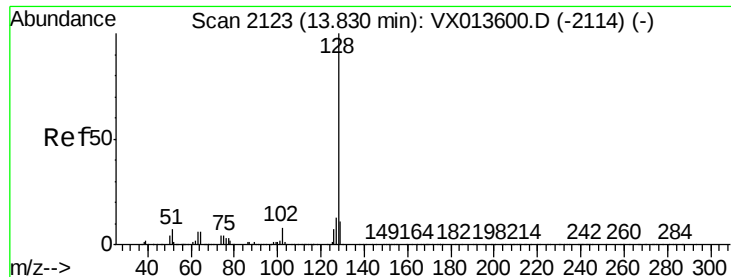
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.063 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

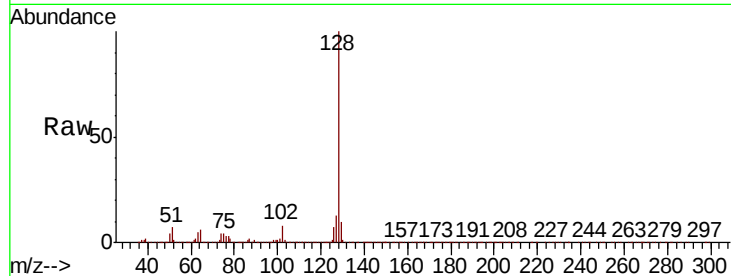
Tot Ion:128 Resp: 553397

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.6 8.7 13.1

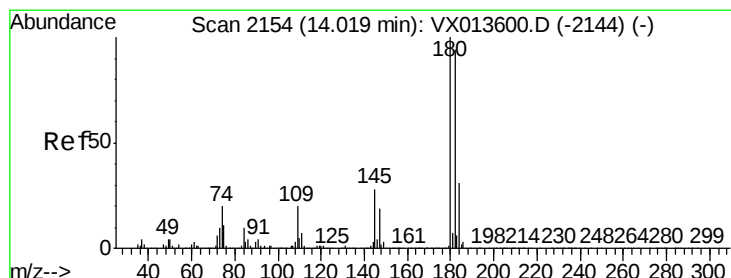
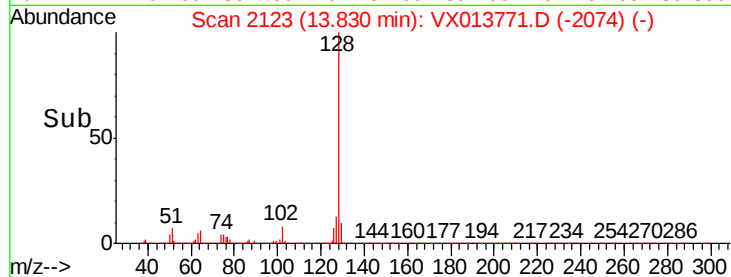
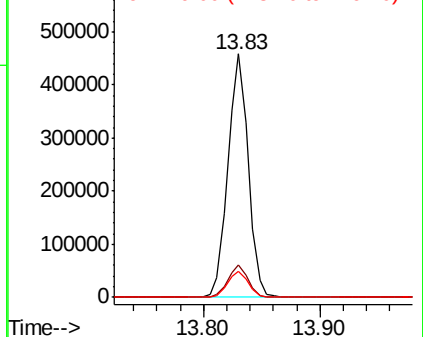


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.996 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

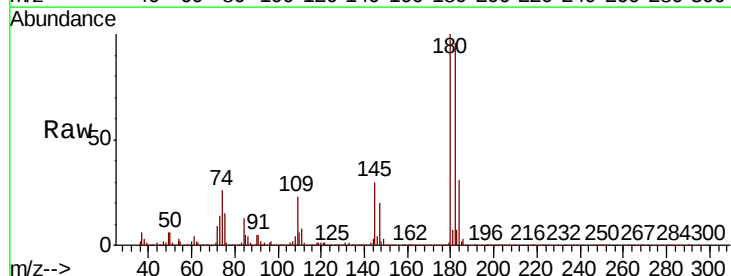
Tgt Ion:180 Resp: 183344

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 29.8 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

