

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013071.D
 Acq On : 15 Oct 2019 12:34
 Operator : JC/SP
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Quant Time: Oct 16 05:56:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116612	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	107364	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
35) Dibromofluoromethane	5.49	113	85292	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
50) Toluene-d8	8.71	98	326856	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.13	95	124024	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	31928	18.220	ug/l	98
3) Chloromethane	1.32	50	33544	17.589	ug/l	95
4) Vinyl Chloride	1.40	62	34970	17.765	ug/l	100
5) Bromomethane	1.63	94	16865	20.611	ug/l	100
6) Chloroethane	1.72	64	22591	19.018	ug/l	97
7) Trichlorofluoromethane	1.92	101	53548	20.155	ug/l	99
8) Diethyl Ether	2.18	74	20457	19.076	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34189	19.883	ug/l	99
10) Methyl Iodide	2.50	142	35242	21.334	ug/l	99
11) Tert butyl alcohol	3.03	59	49143	86.275	ug/l	98
12) 1,1-Dichloroethene	2.36	96	33469	19.265	ug/l	93
13) Acrolein	2.28	56	39396	97.323	ug/l	99
14) Allyl chloride	2.72	41	56578	18.287	ug/l	98
15) Acrylonitrile	3.13	53	103489	95.872	ug/l	99
16) Acetone	2.43	43	99488	87.841	ug/l	98
17) Carbon Disulfide	2.56	76	79494	16.047	ug/l	100
18) Methyl Acetate	2.76	43	51240	19.087	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	121490	20.250	ug/l	96
20) Methylene Chloride	2.85	84	38887	18.682	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	35327	18.972	ug/l	96
22) Diisopropyl ether	3.84	45	117270	19.781	ug/l	93
23) Vinyl Acetate	3.80	43	499944	97.686	ug/l	98
24) 1,1-Dichloroethane	3.69	63	66527	19.947	ug/l	99
25) 2-Butanone	4.66	43	145304	92.473	ug/l	94
26) 2,2-Dichloropropane	4.58	77	54437	19.410	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	42723	19.905	ug/l	97
28) Bromochloromethane	5.00	49	19297	19.084	ug/l	96
29) Tetrahydrofuran	5.12	42	90355	93.445	ug/l	97
30) Chloroform	5.20	83	67708	19.785	ug/l	97
31) Cyclohexane	5.56	56	58273	18.685	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	58767	20.267	ug/l	99
36) 1,1-Dichloropropene	5.79	75	50064	20.228	ug/l	99
37) Ethyl Acetate	4.82	43	53821	19.448	ug/l	99
38) Carbon Tetrachloride	5.77	117	48602	20.175	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59322	19.764	ug/l	99
40) Benzene	6.14	78	151412	20.714	ug/l	97
41) Methacrylonitrile	5.03	41	30013	19.736	ug/l	99
42) 1,2-Dichloroethane	6.18	62	55880	21.304	ug/l	100
43) Isopropyl Acetate	6.43	43	88743	19.979	ug/l	98
44) Trichloroethene	7.20	130	40266	19.865	ug/l	93
45) 1,2-Dichloropropane	7.51	63	38944	20.904	ug/l	96
46) Dibromomethane	7.65	93	26277	21.170	ug/l	98
47) Bromodichloromethane	7.89	83	50379	20.798	ug/l	97
48) Methyl methacrylate	7.76	41	43228	19.971	ug/l	99
49) 1,4-Dioxane	7.73	88	20729	379.422	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	275967	99.648	ug/l	99
52) Toluene	8.78	92	97023	20.747	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	54257	19.339	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	60879	20.434	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38228	20.656	ug/l	94
56) Ethyl methacrylate	9.17	69	61363	19.669	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66183	20.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	136458	100.370	ug/l	99
59) 2-Hexanone	9.48	43	211890	98.288	ug/l	100
60) Dibromochloromethane	9.57	129	39561	20.353	ug/l	96
61) 1,2-Dibromoethane	9.67	107	40254	20.677	ug/l	99
64) Tetrachloroethene	9.33	164	39165	22.356	ug/l	98
65) Chlorobenzene	10.14	112	102063	20.349	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	37000	21.276	ug/l	98
67) Ethyl Benzene	10.24	91	181503	20.372	ug/l	100
68) m/p-Xylenes	10.35	106	136380	40.975	ug/l	99
69) o-Xylene	10.70	106	67148	20.688	ug/l	100
70) Styrene	10.71	104	114798	20.805	ug/l	100
71) Bromoform	10.85	173	25752	19.426	ug/l #	98
73) Isopropylbenzene	11.01	105	179376	20.922	ug/l	99
74) N-amyl acetate	10.89	43	72645	19.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	57224	20.068	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	66723	25.797	ug/l	77
77) Bromobenzene	11.25	156	40583	20.087	ug/l	95
78) n-propylbenzene	11.35	91	193283	20.488	ug/l	100
79) 2-Chlorotoluene	11.42	91	120805	20.375	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	148423	20.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17096	19.693	ug/l	96
82) 4-Chlorotoluene	11.51	91	141664	20.846	ug/l	100
83) tert-Butylbenzene	11.76	119	143656	20.571	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	150481	20.755	ug/l	97
85) sec-Butylbenzene	11.94	105	171101	21.148	ug/l	99
86) p-Isopropyltoluene	12.06	119	155179	20.681	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74332	19.813	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	75163	19.781	ug/l	100
89) n-Butylbenzene	12.38	91	125612	19.918	ug/l	99
90) Hexachloroethane	12.59	117	24226	18.811	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	75315	20.477	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13084	19.576	ug/l	97

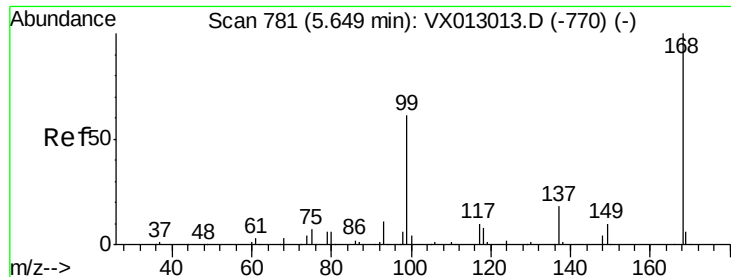
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44532	19.328	ug/l	95
94) Hexachlorobutadiene	13.77	225	21696	20.404	ug/l	98
95) Naphthalene	13.83	128	158195	19.807	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	46962	19.724	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

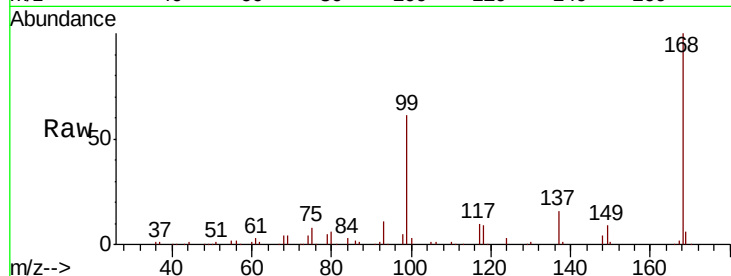
VX1015WBSD01

Tot Ion:168 Resp: 171916

Ion Ratio Lower Upper

168 100

99 61.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): VX013013.D (-770) (-)

Ion 98.90 (98.60 to 99.60): VX013013.D (-770) (-)

5.65

60000

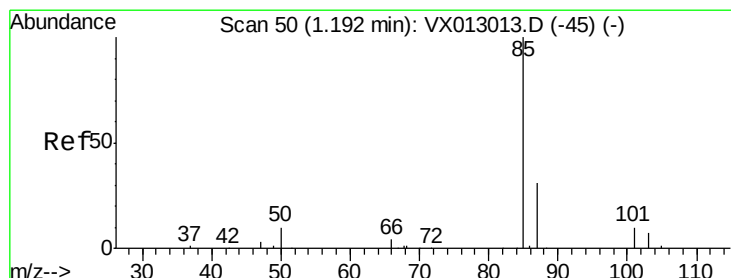
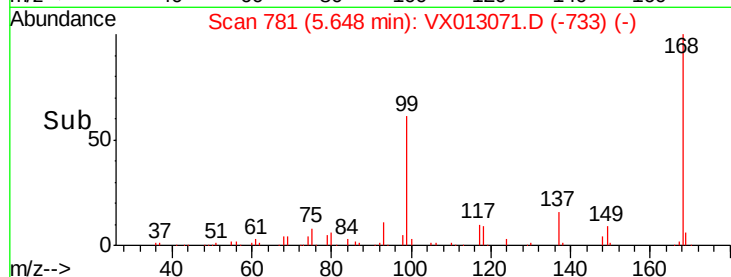
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.220 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013071.D

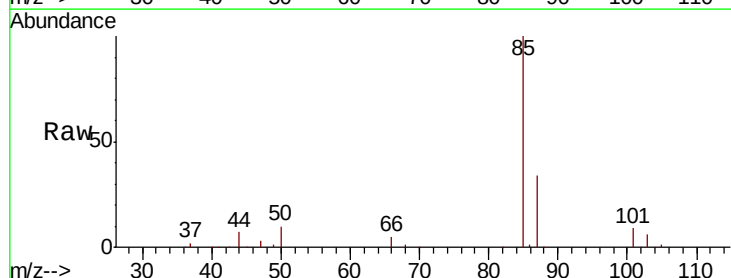
Acq: 15 Oct 2019 12:34

Tgt Ion: 85 Resp: 31928

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX013013.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VX013013.D (-45) (-)

1.19

30000

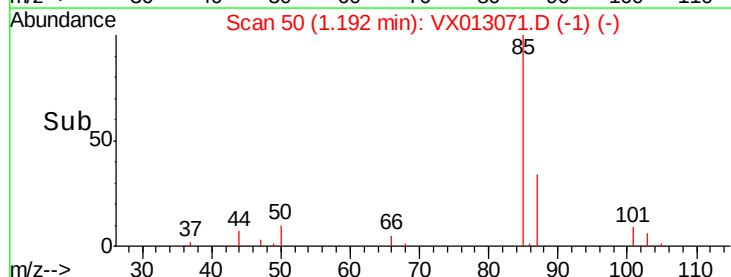
20000

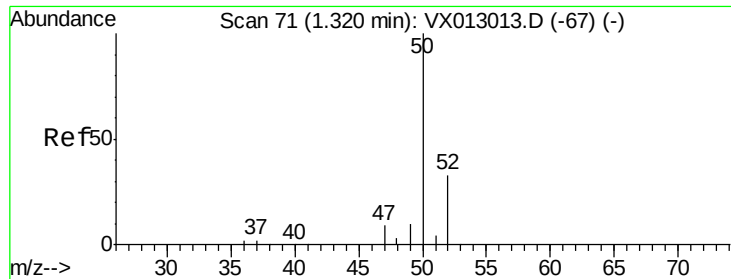
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.589 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

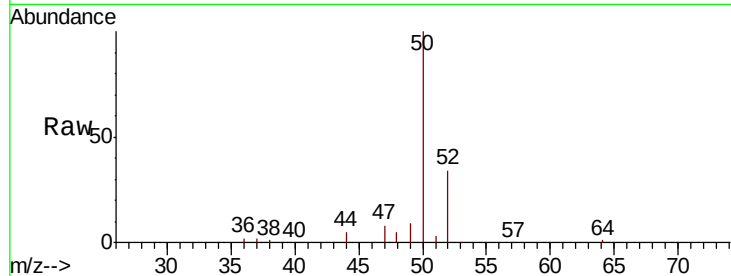
VX1015WBSD01

Tot Ion: 50 Resp: 33544

Ion Ratio Lower Upper

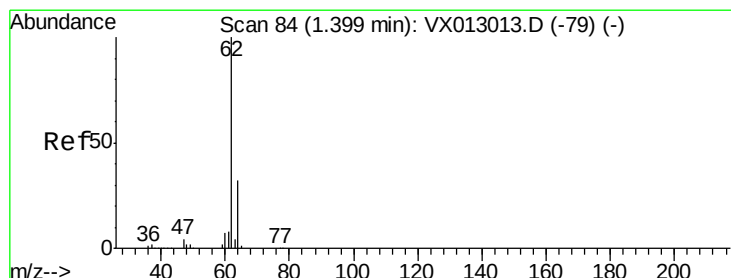
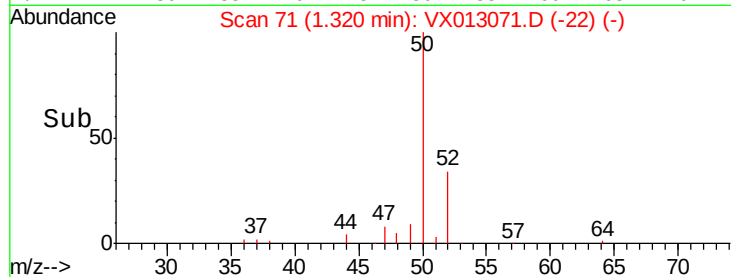
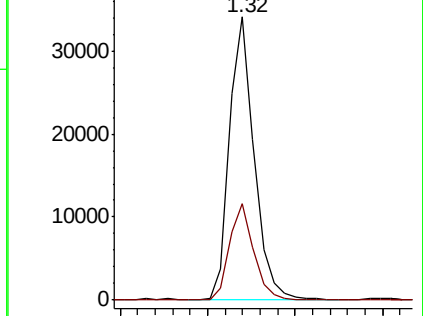
50 100

52 34.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.765 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013071.D

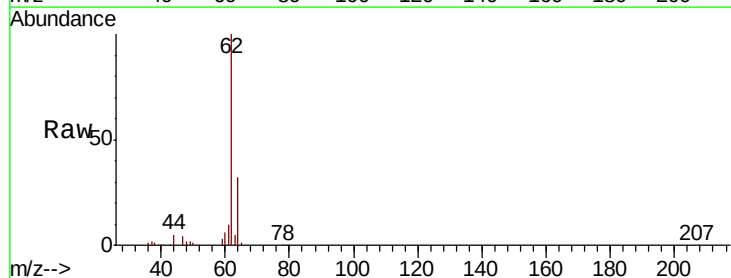
Acq: 15 Oct 2019 12:34

Tgt Ion: 62 Resp: 34970

Ion Ratio Lower Upper

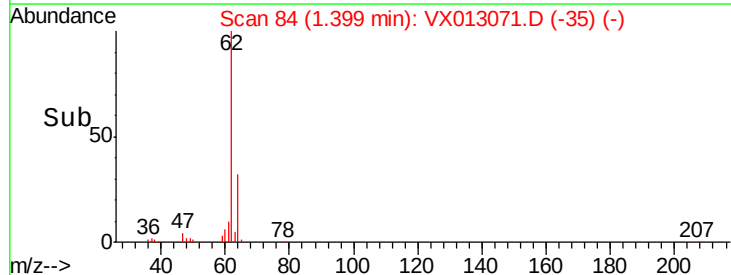
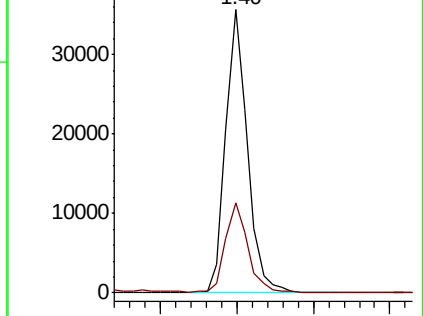
62 100

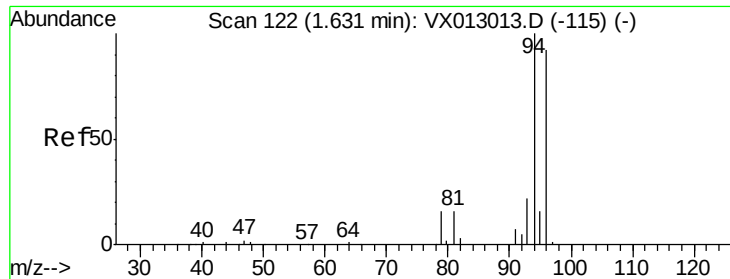
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.611 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

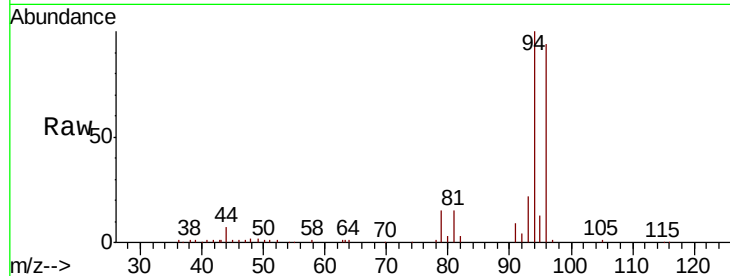
VX1015WBSD01

Tot Ion: 94 Resp: 16865

Ion Ratio Lower Upper

94 100

96 93.5 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

15000

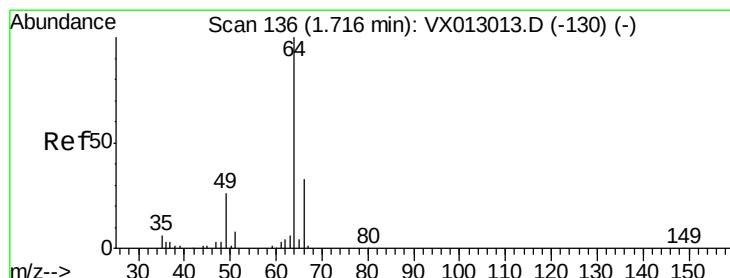
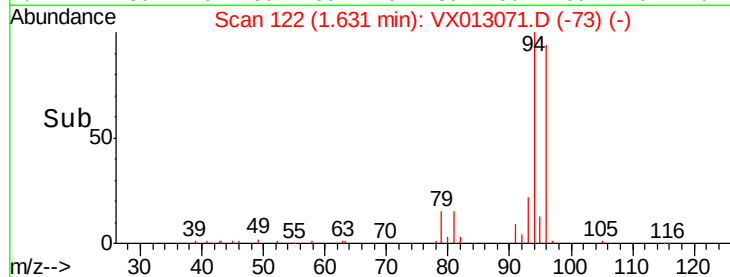
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.018 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013071.D

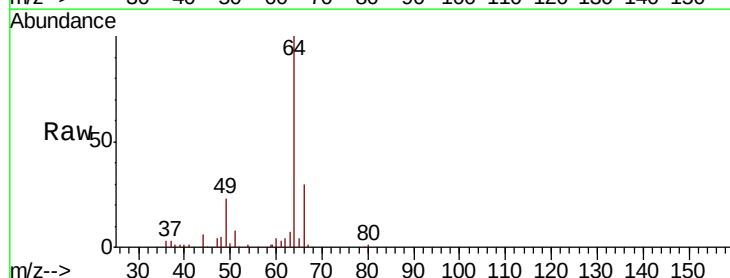
Acq: 15 Oct 2019 12:34

Tgt Ion: 64 Resp: 22591

Ion Ratio Lower Upper

64 100

66 30.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

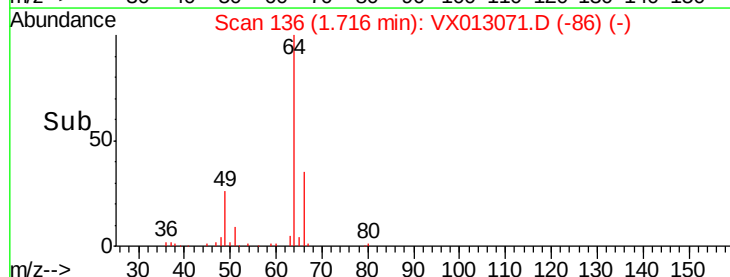
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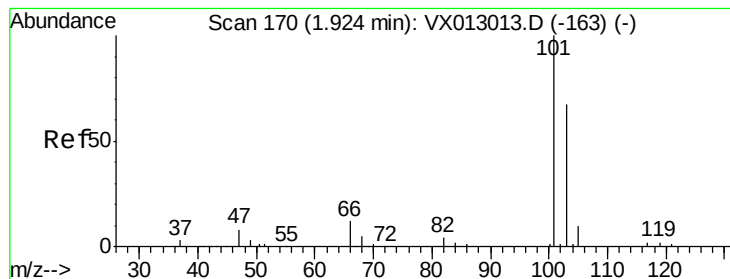
5000

0

Time-->

1.65 1.70 1.75 1.80



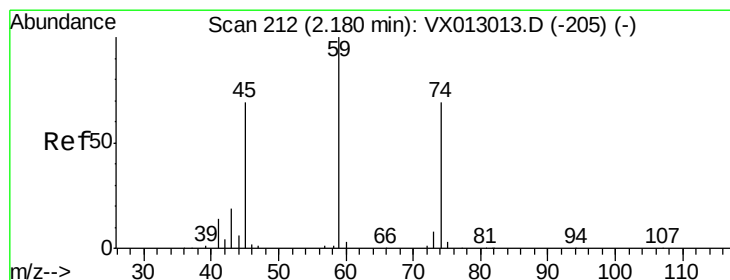
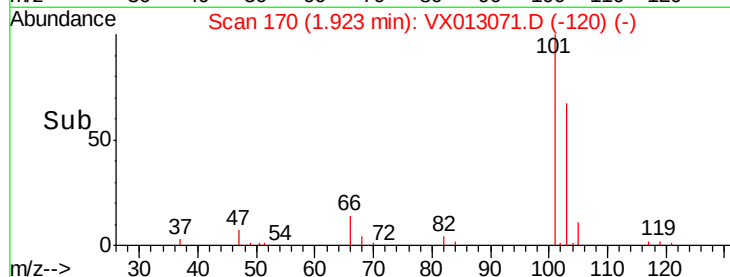
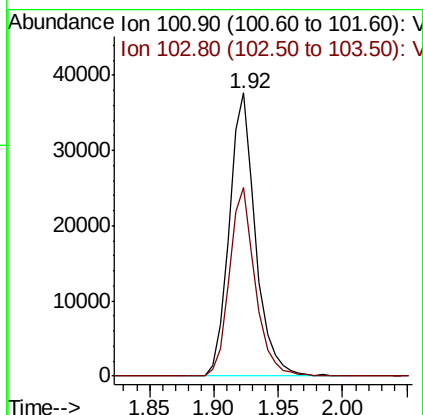
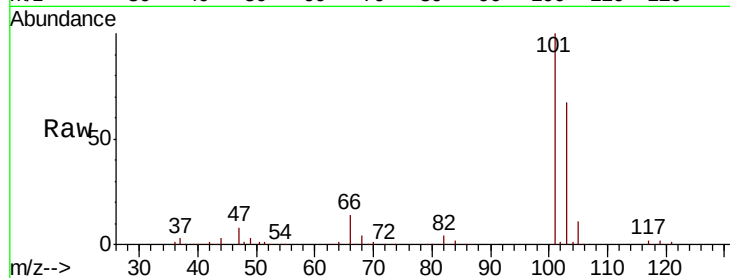


#7

Trichlorofluoromethane
 Concen: 20.155 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

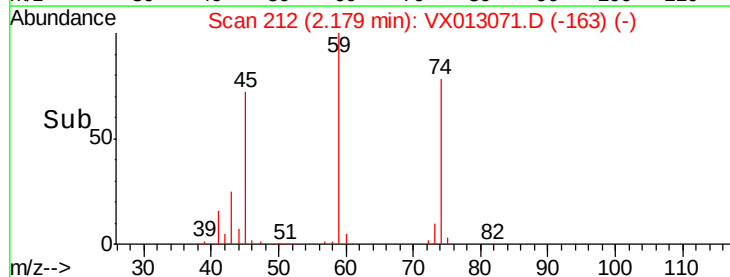
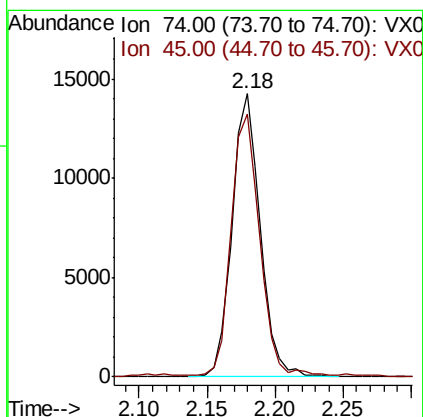
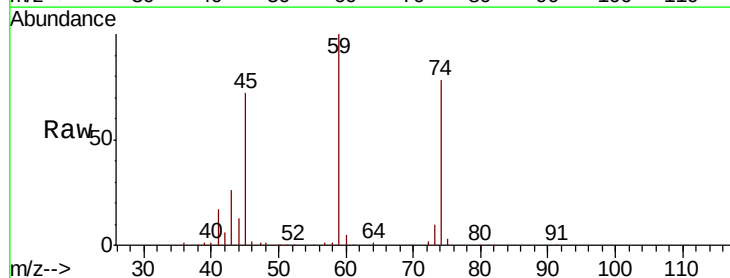
Tot Ion:101 Resp: 53548
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.5 78.7

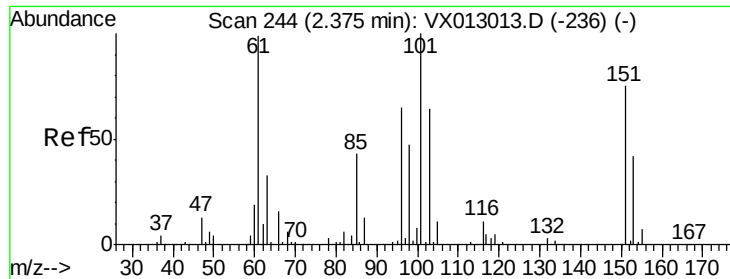


#8

Diethyl Ether
 Concen: 19.076 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 74 Resp: 20457
 Ion Ratio Lower Upper
 74 100
 45 93.3 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.883 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

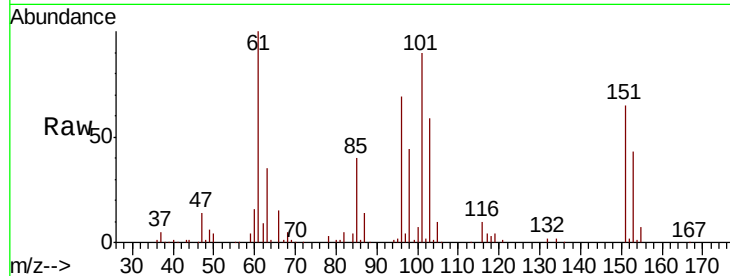
Tot Ion:101 Resp: 34189

Ion Ratio Lower Upper

101 100

85 43.6 35.2 52.8

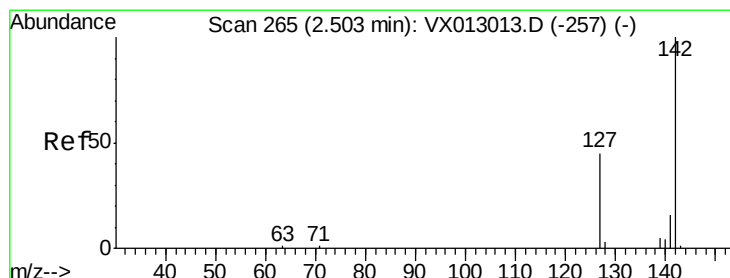
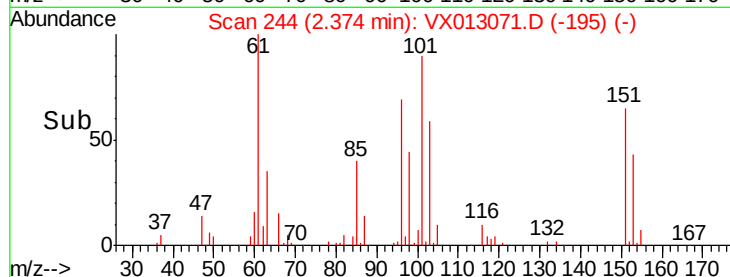
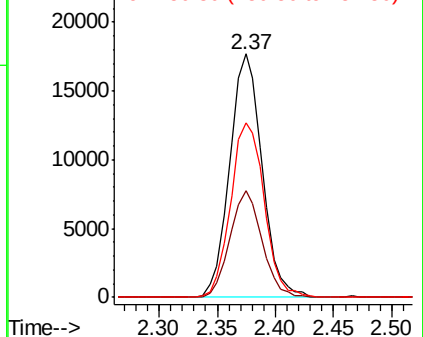
151 74.9 60.3 90.5



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: 21.334 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

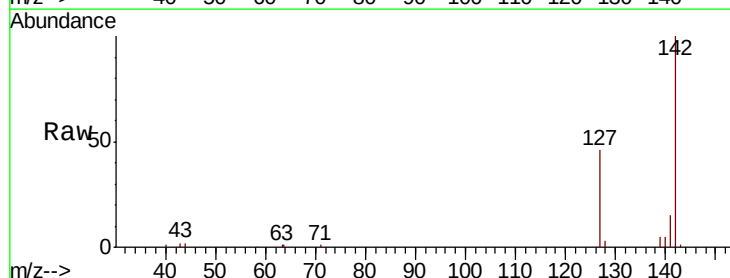
Tgt Ion:142 Resp: 35242

Ion Ratio Lower Upper

142 100

127 43.2 34.9 52.3

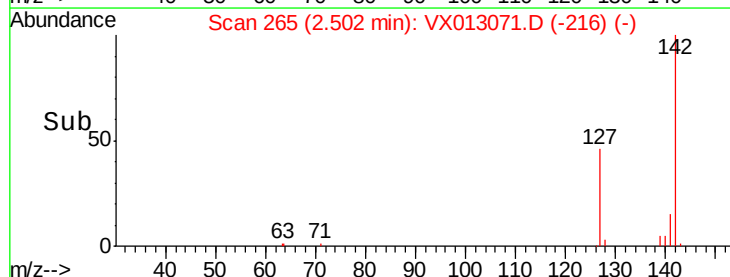
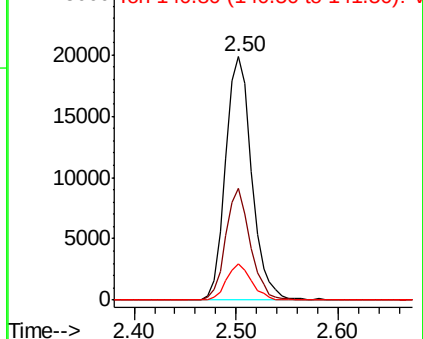
141 14.2 11.6 17.4

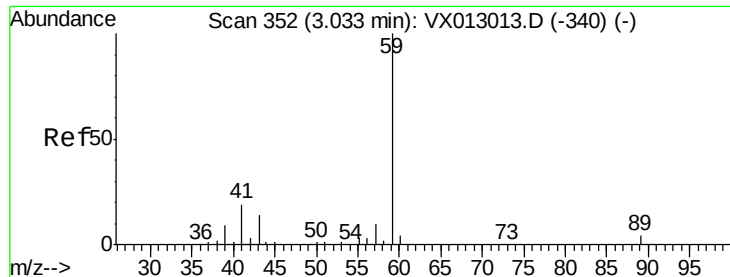


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

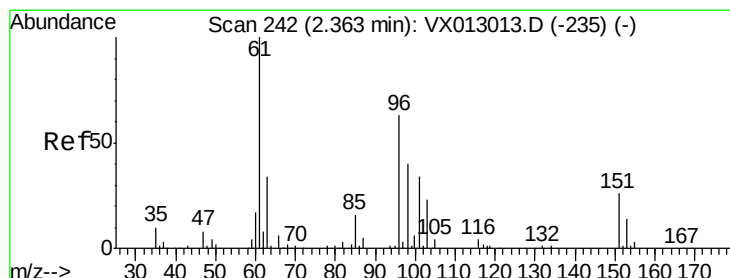
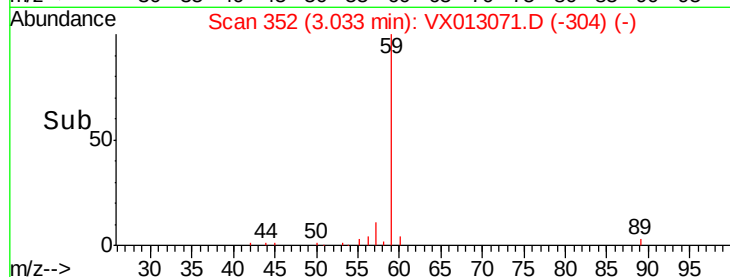
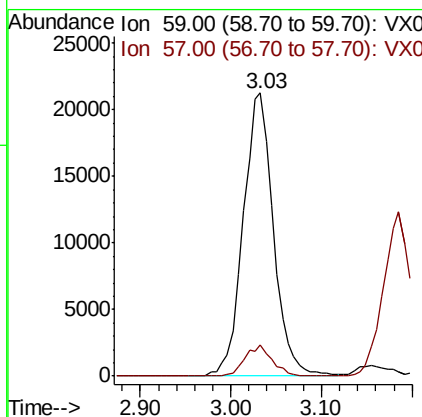
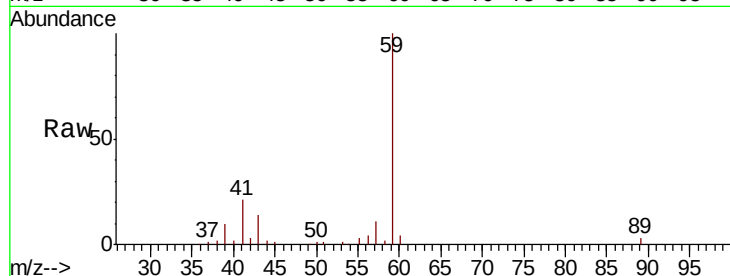




#11
Tert butyl alcohol
Concen: 86.275 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

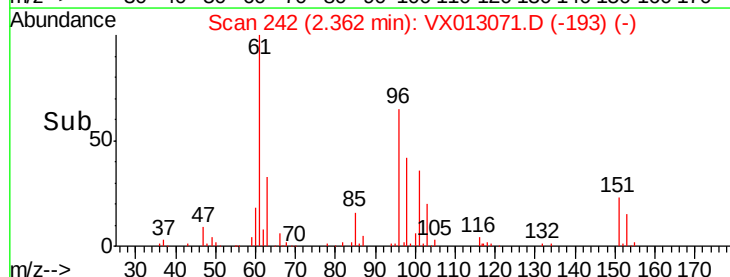
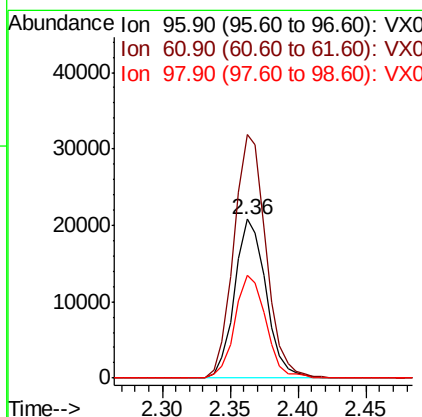
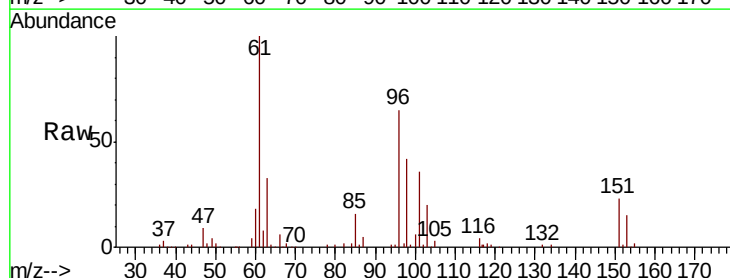
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

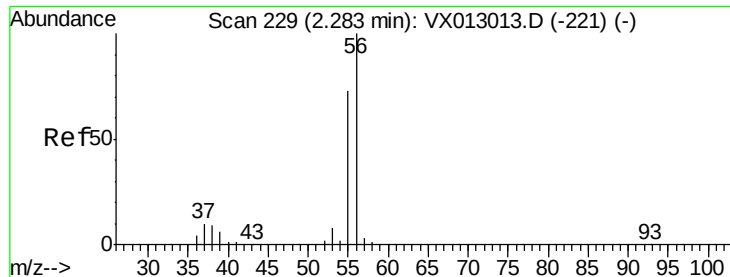
Tot Ion: 59 Resp: 49143
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.265 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 96 Resp: 33469
Ion Ratio Lower Upper
96 100
61 153.3 132.2 198.4
98 64.5 50.5 75.7





#13

Acrolein

Concen: 97.323 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

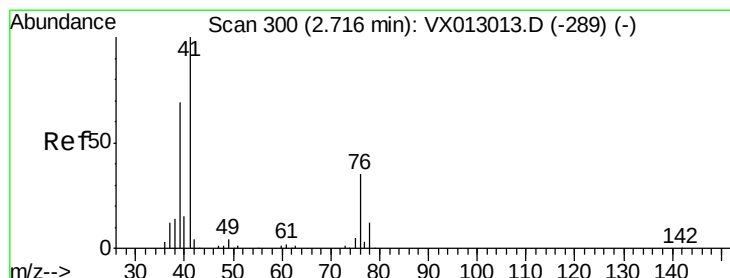
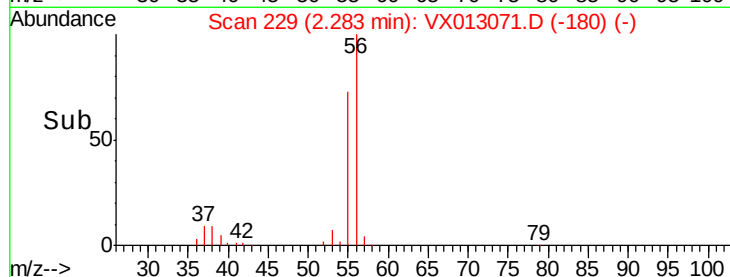
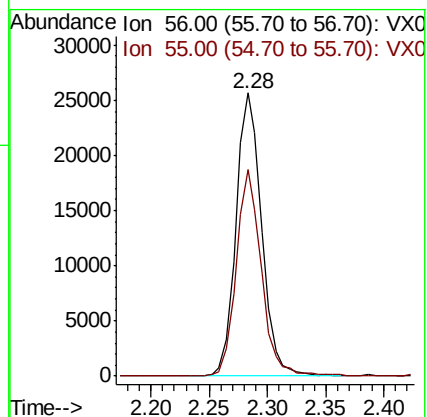
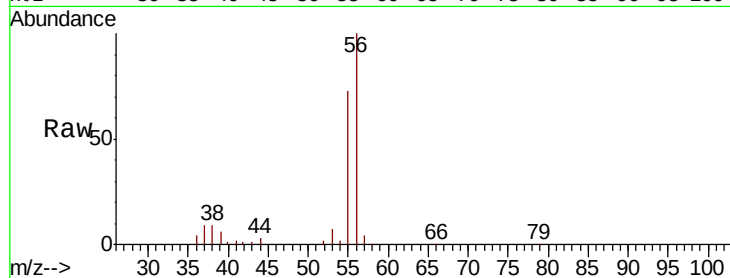
VX1015WBSD01

Tot Ion: 56 Resp: 39396

Ion Ratio Lower Upper

56 100

55 72.0 56.6 85.0



#14

Allyl chloride

Concen: 18.287 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

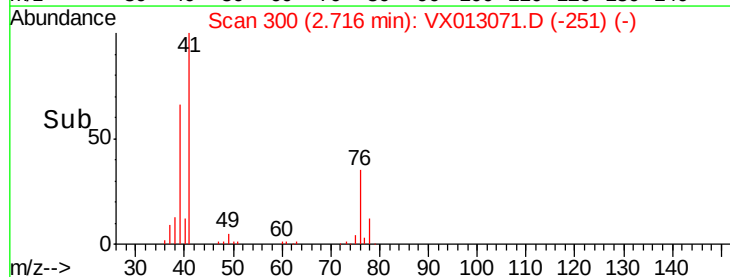
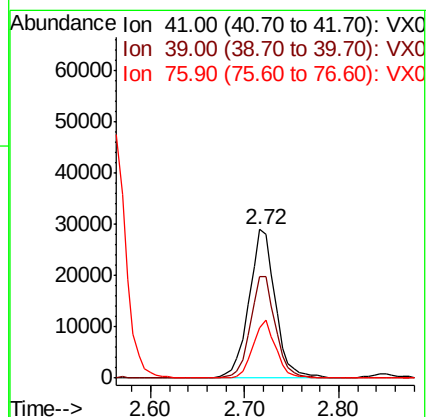
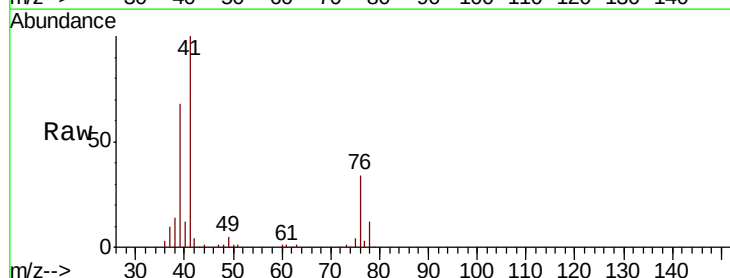
Tgt Ion: 41 Resp: 56578

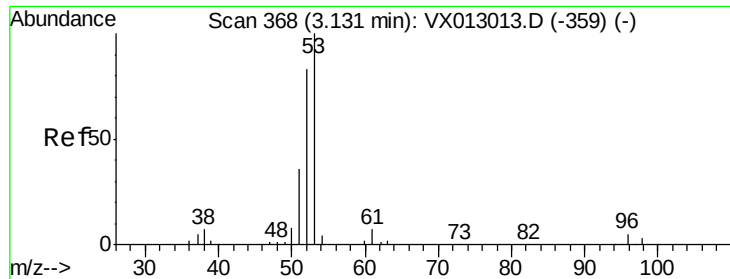
Ion Ratio Lower Upper

41 100

39 64.8 51.0 76.6

76 33.9 26.2 39.4





#15

Acrylonitrile

Concen: 95.872 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

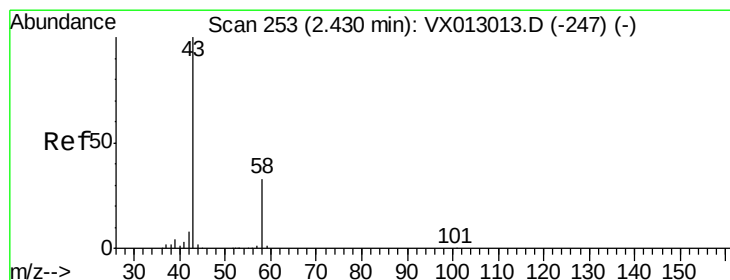
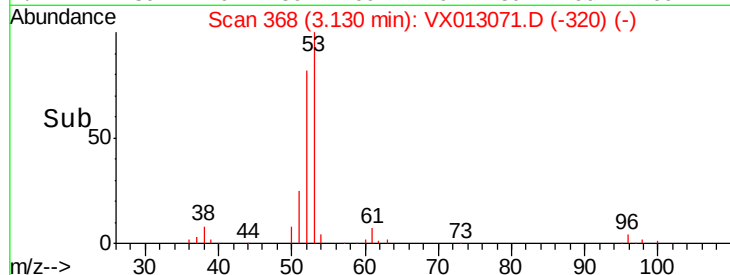
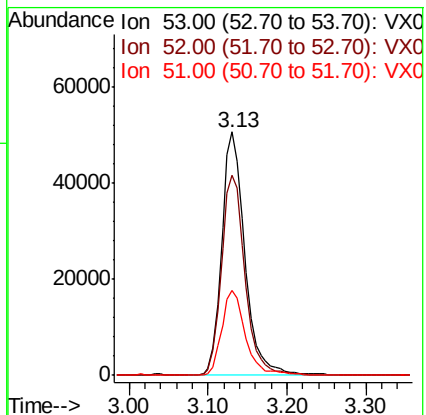
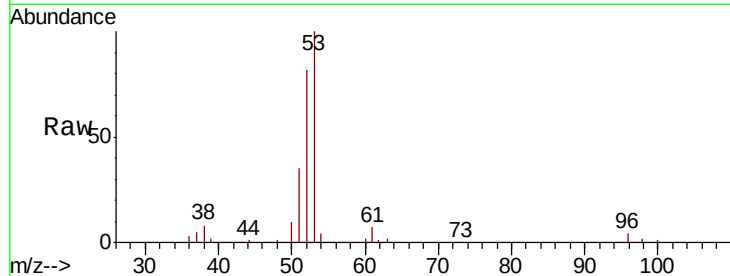
Tot Ion: 53 Resp: 103489

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.2

51 35.8 28.2 42.4



#16

Acetone

Concen: 87.841 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013071.D

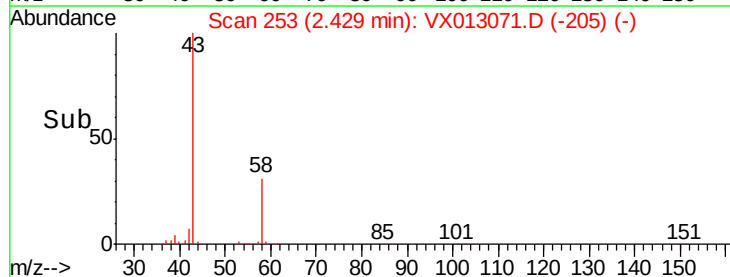
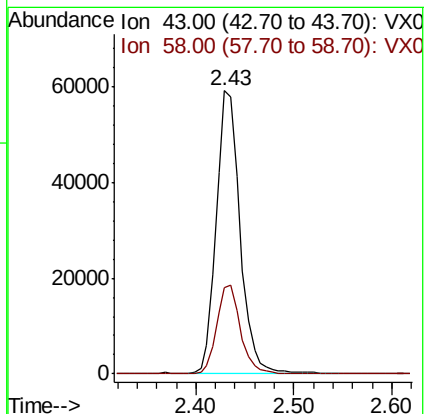
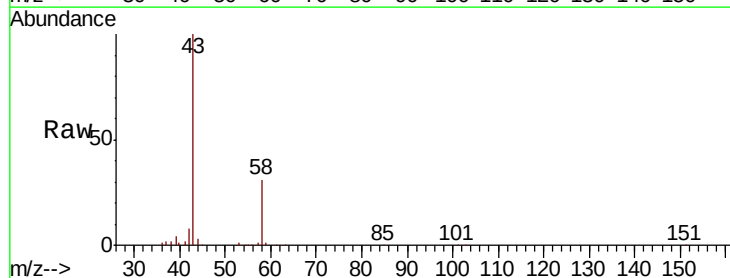
Acq: 15 Oct 2019 12:34

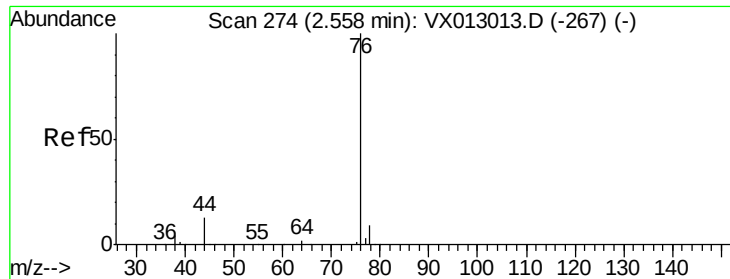
Tgt Ion: 43 Resp: 99488

Ion Ratio Lower Upper

43 100

58 30.7 25.4 38.2

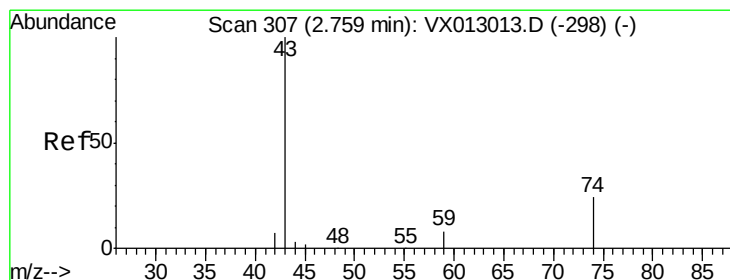
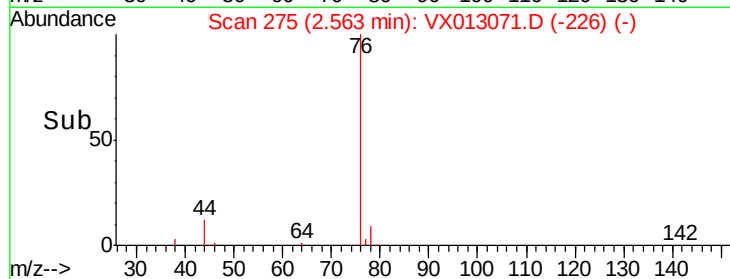
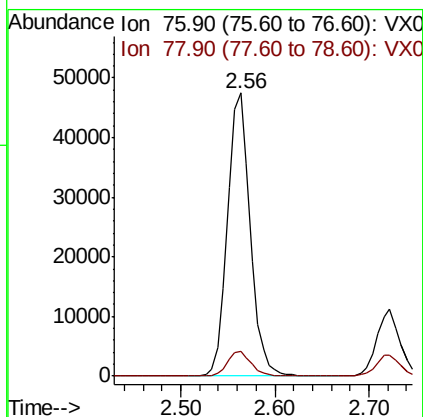
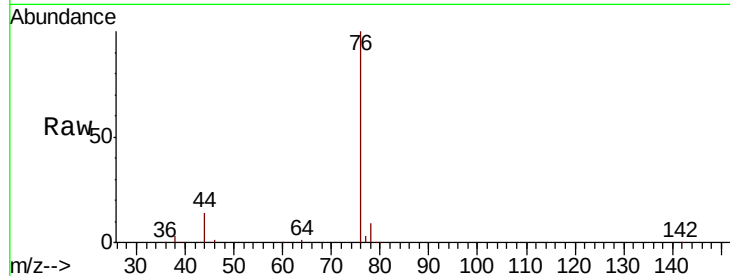




#17
Carbon Disulfide
Concen: 16.047 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

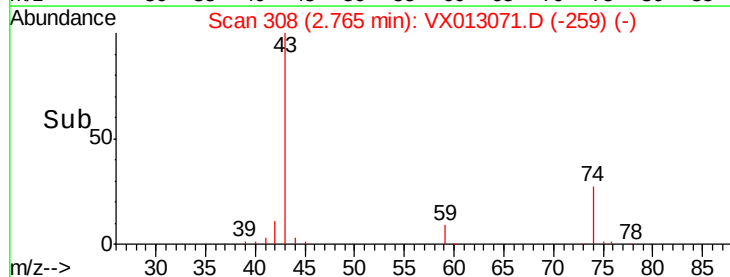
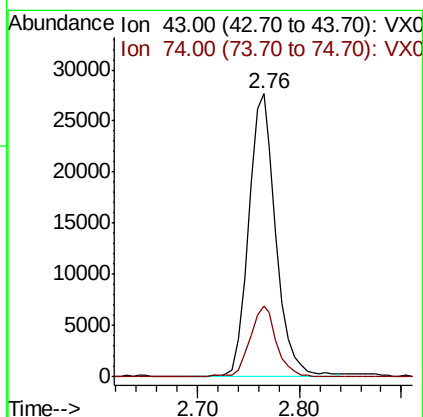
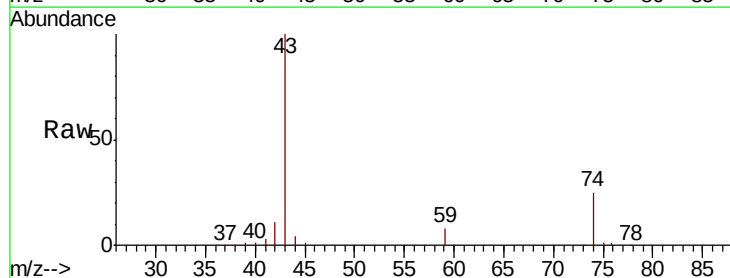
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

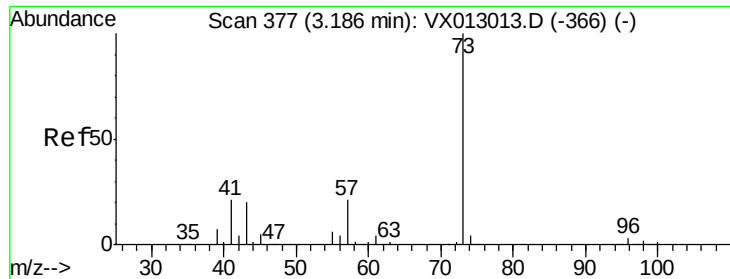
Tot Ion: 76 Resp: 79494
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 19.087 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 43 Resp: 51240
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8

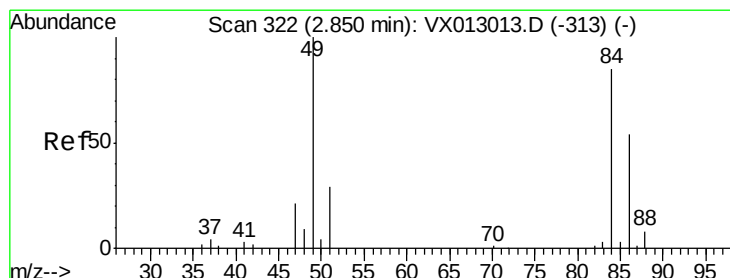
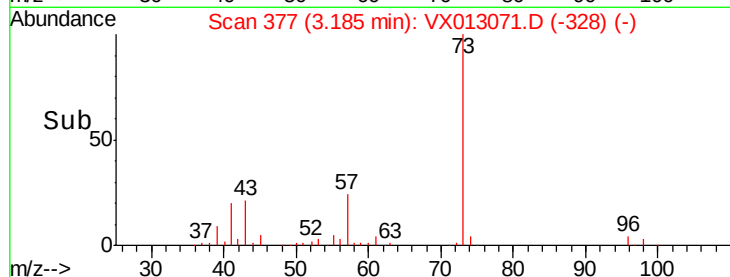
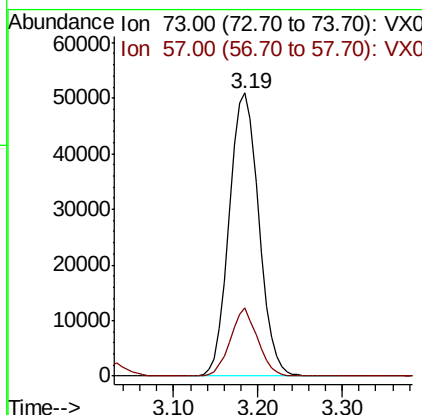
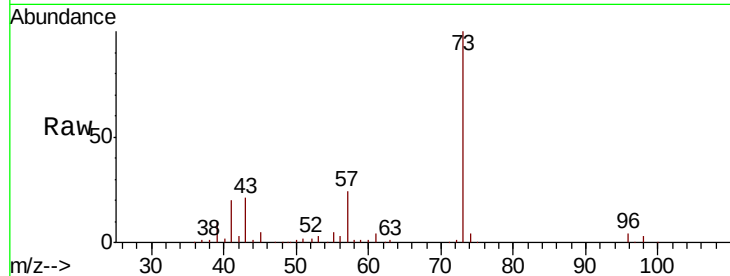




#19
Methyl tert-butyl Ether
Concen: 20.250 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

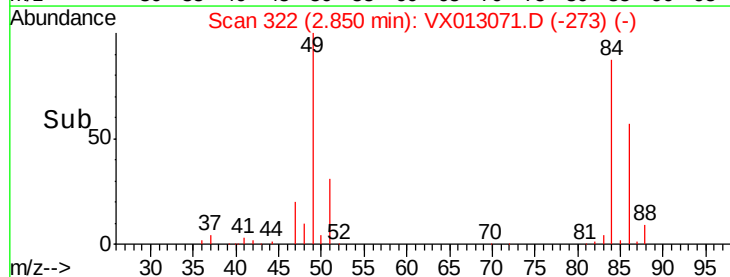
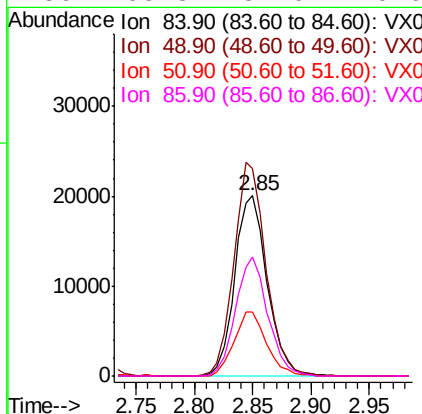
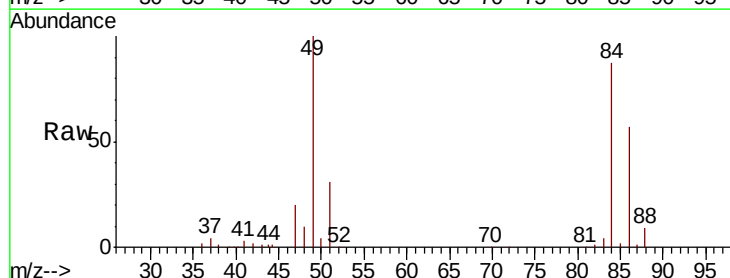
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

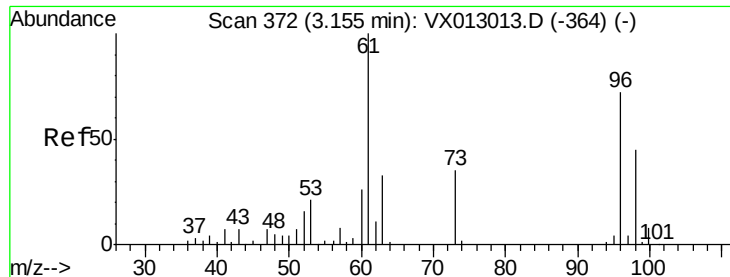
Tot Ion: 73 Resp: 121490
Ion Ratio Lower Upper
73 100
57 24.1 17.8 26.6



#20
Methylene Chloride
Concen: 18.682 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 84 Resp: 38887
Ion Ratio Lower Upper
84 100
49 115.1 96.6 144.8
51 35.9 30.7 46.1
86 65.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.972 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

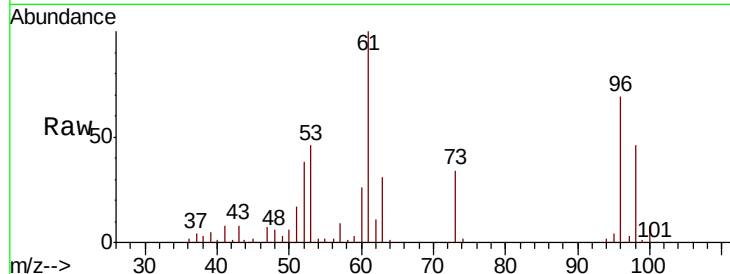
Tot Ion: 96 Resp: 35327

Ion Ratio Lower Upper

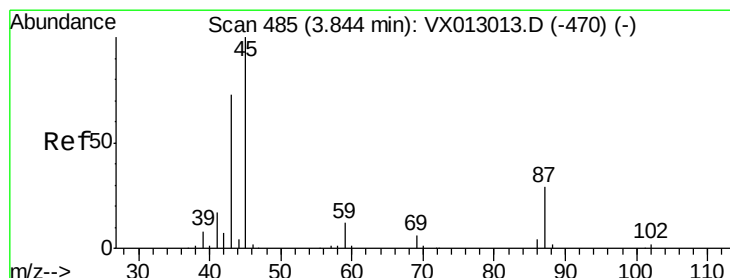
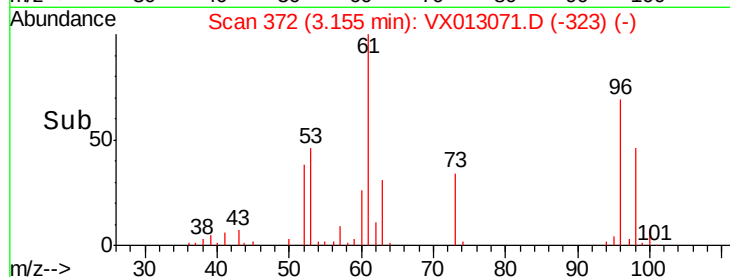
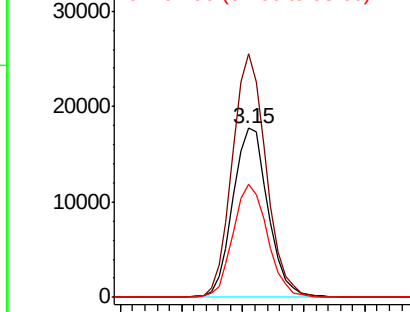
96 100

61 143.9 110.4 165.6

98 66.6 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.781 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Tgt Ion: 45 Resp: 117270

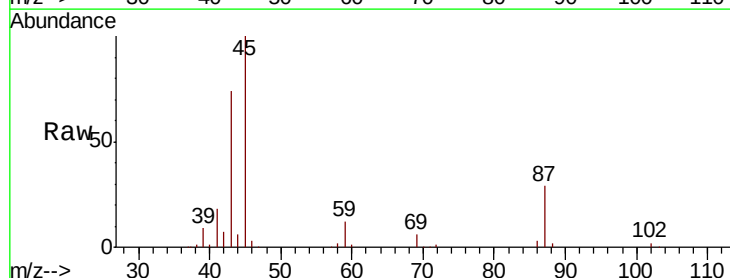
Ion Ratio Lower Upper

45 100

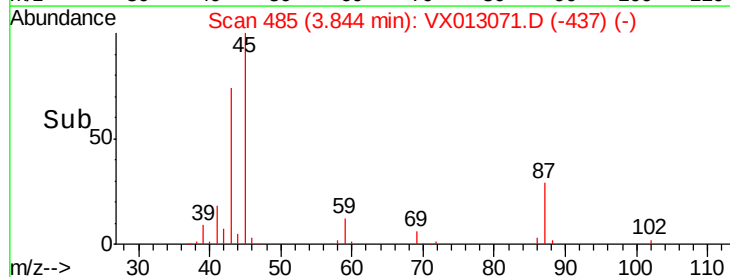
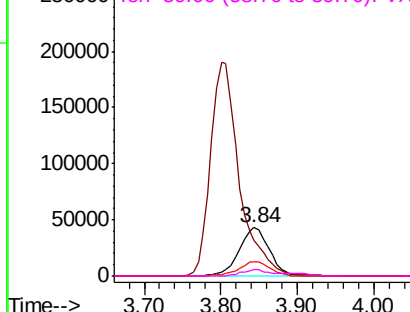
43 72.9 51.4 77.0

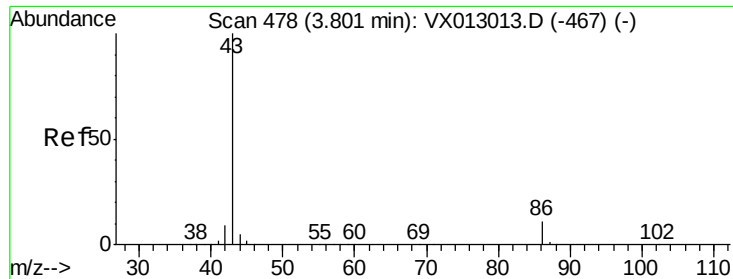
87 28.7 22.5 33.7

59 12.2 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.686 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleID :

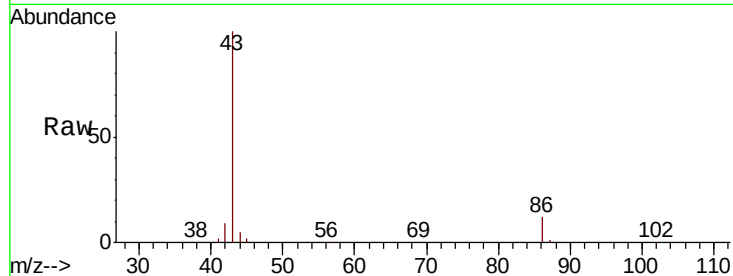
VX1015WBSD01

Tot Ion: 43 Resp: 499944

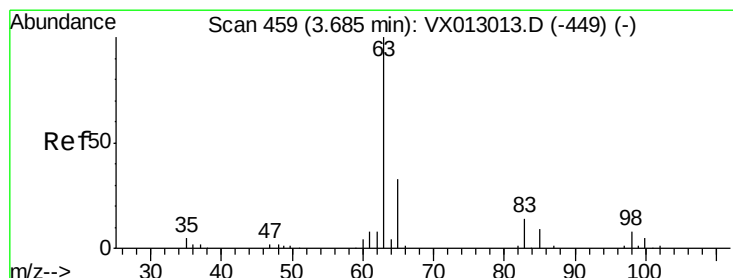
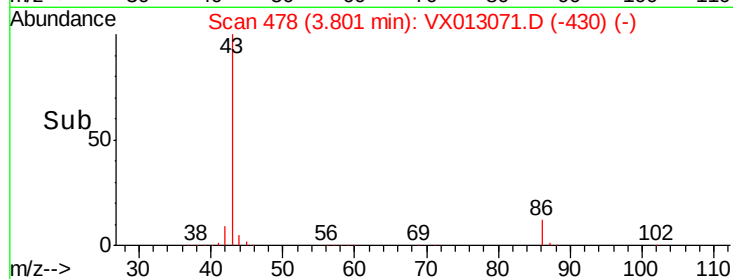
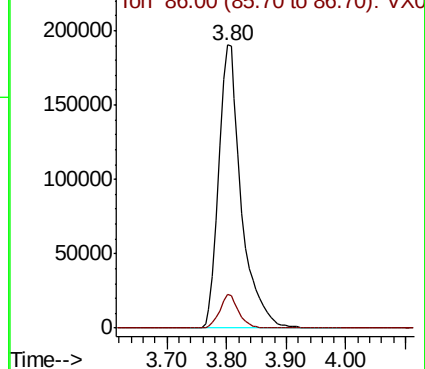
Ion Ratio Lower Upper

43 100

86 12.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0



#24

1,1-Dichloroethane

Concen: 19.947 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

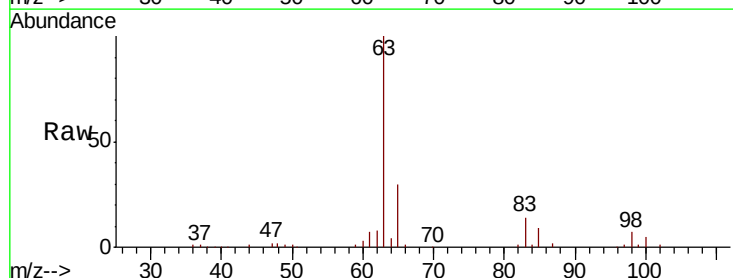
Tgt Ion: 63 Resp: 66527

Ion Ratio Lower Upper

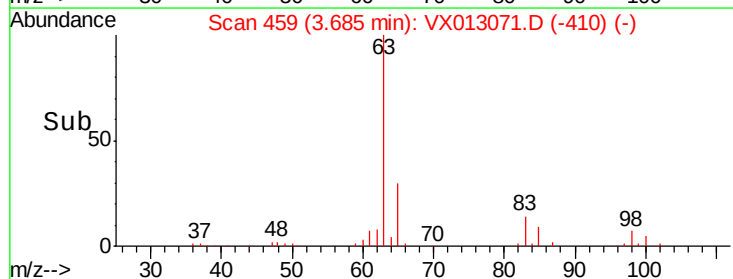
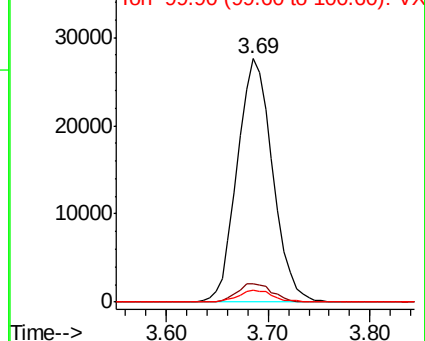
63 100

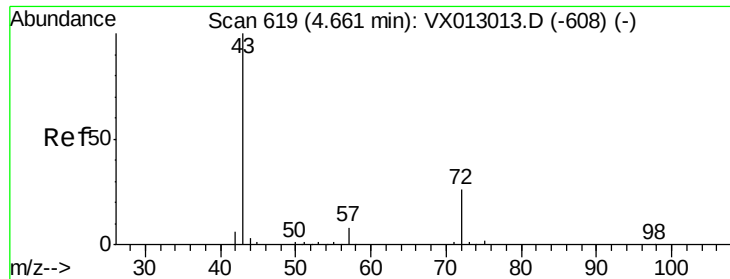
98 7.4 3.9 11.5

100 5.0 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0





#25

2-Butanone

Concen: 92.473 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

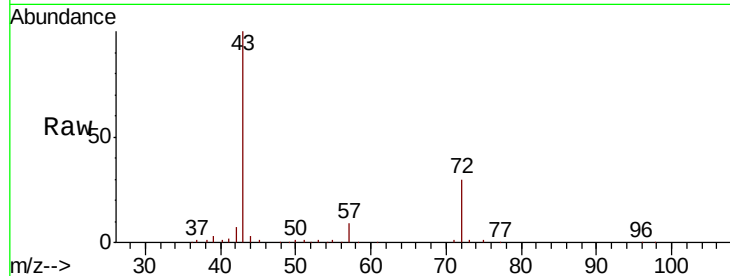
VX1015WBSD01

Tot Ion: 43 Resp: 145304

Ion Ratio Lower Upper

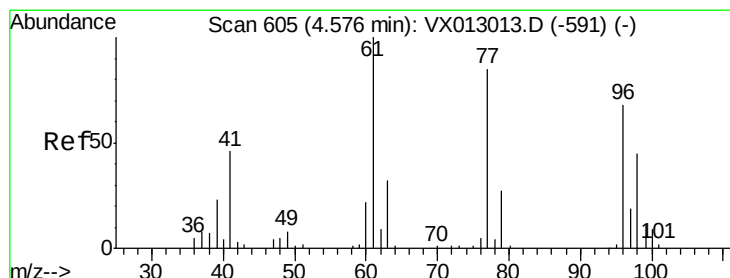
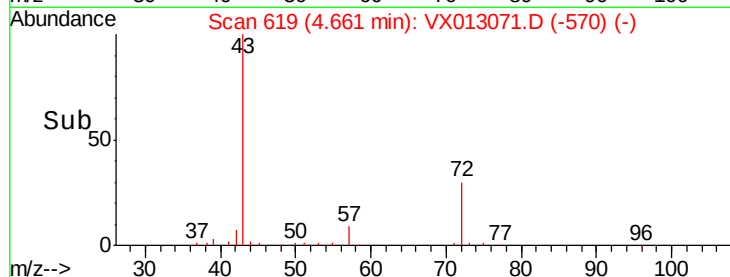
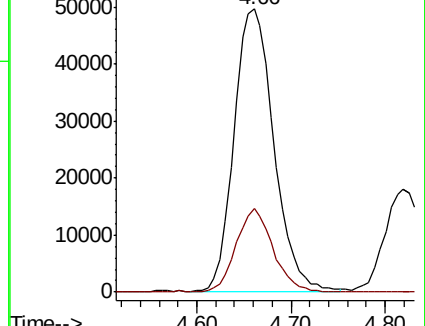
43 100

72 29.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.410 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013071.D

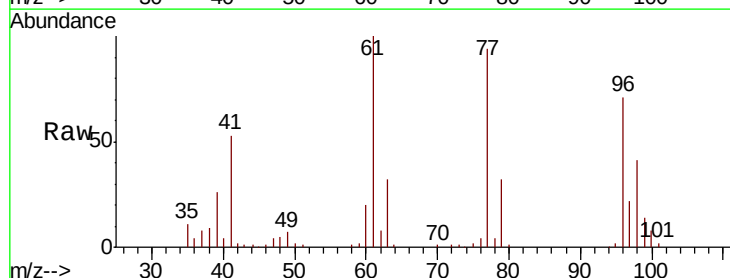
Acq: 15 Oct 2019 12:34

Tgt Ion: 77 Resp: 54437

Ion Ratio Lower Upper

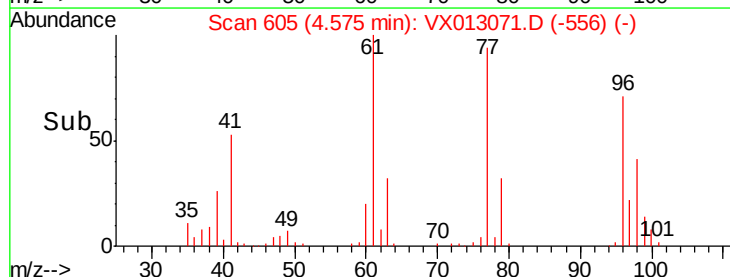
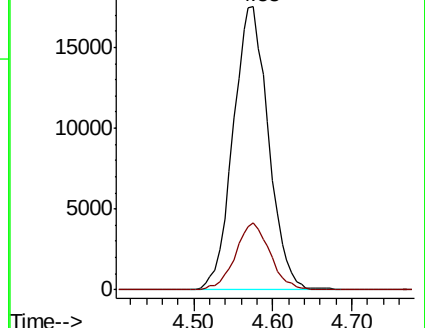
77 100

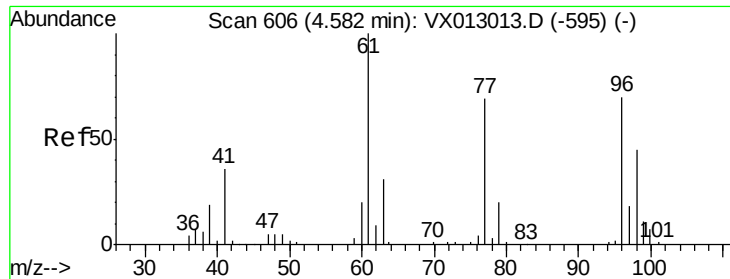
97 23.1 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



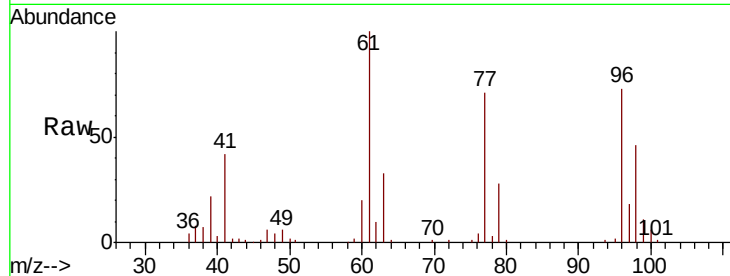


#27

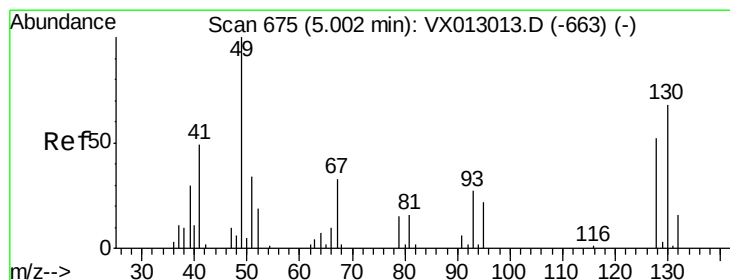
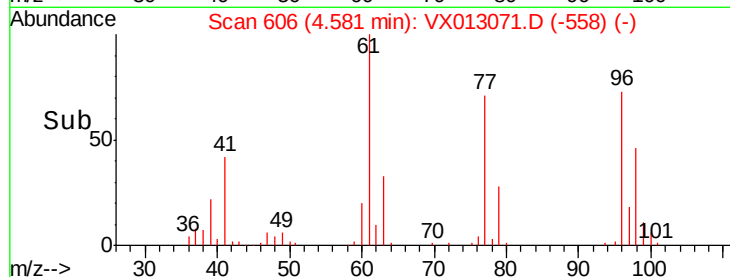
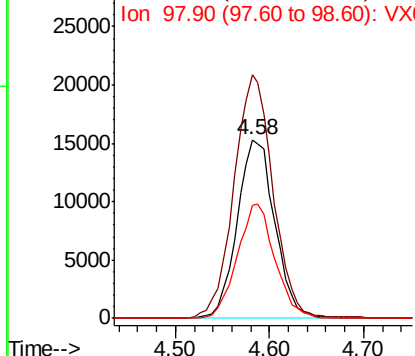
cis-1,2-Dichloroethene
Concen: 19.905 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion: 96 Resp: 42723
Ion Ratio Lower Upper
96 100
61 140.9 0.0 290.6
98 64.2 0.0 128.8



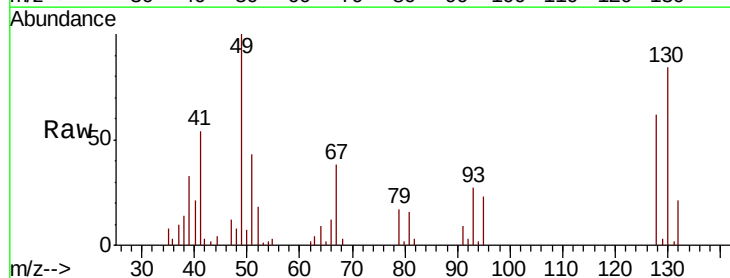
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



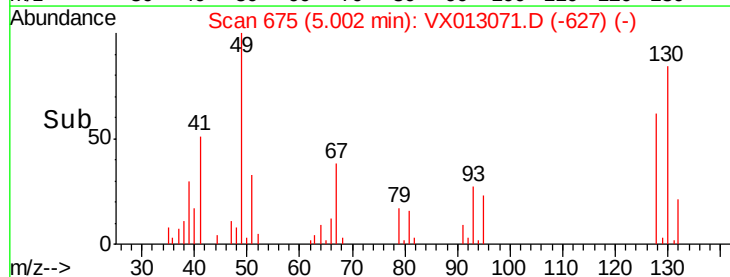
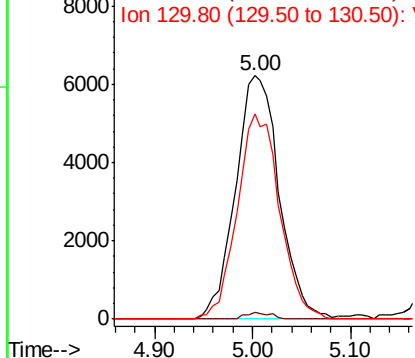
#28

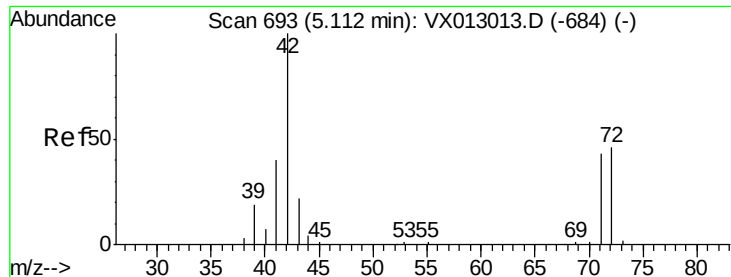
Bromochloromethane
Concen: 19.084 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 49 Resp: 19297
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.2
130 81.6 62.1 93.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

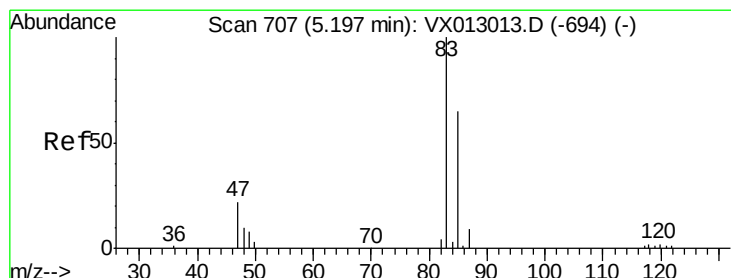
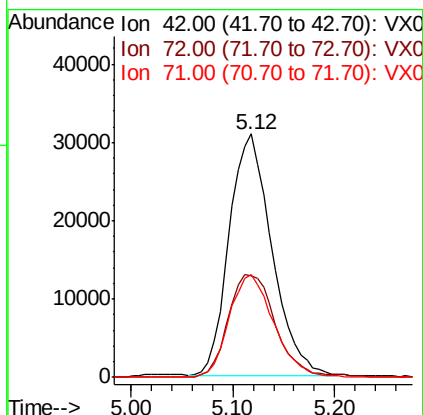
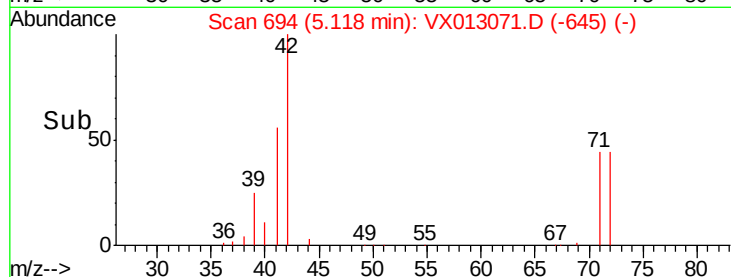
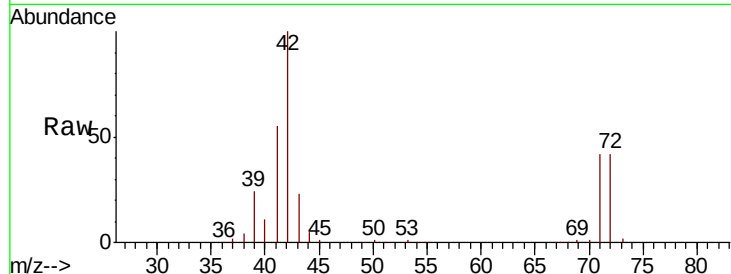




#29
Tetrahydrofuran
Concen: 93.445 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

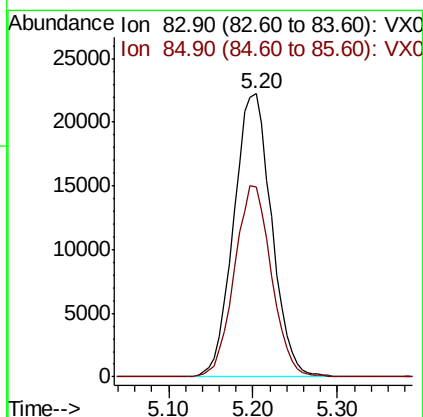
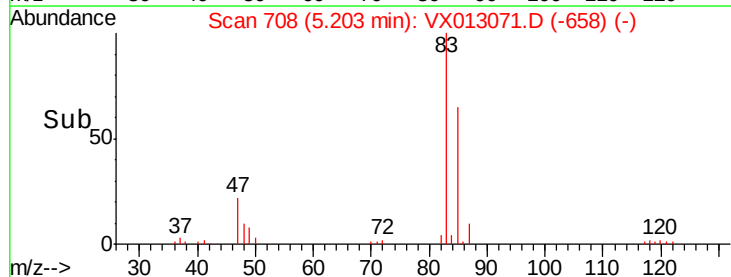
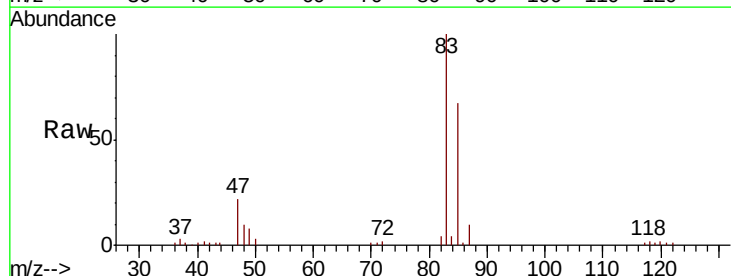
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

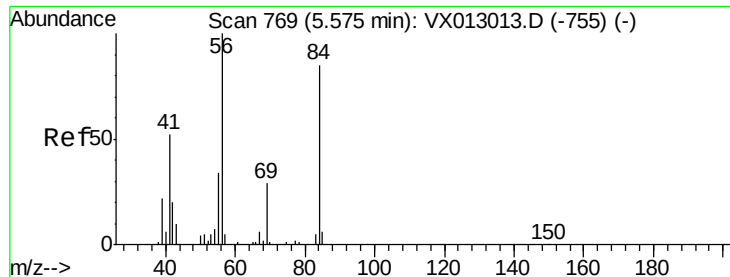
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	36.9	55.3
71	44.2	33.5	50.3



#30
Chloroform
Concen: 19.785 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.5	77.3

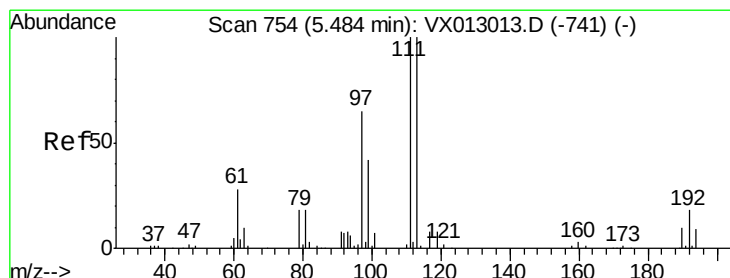
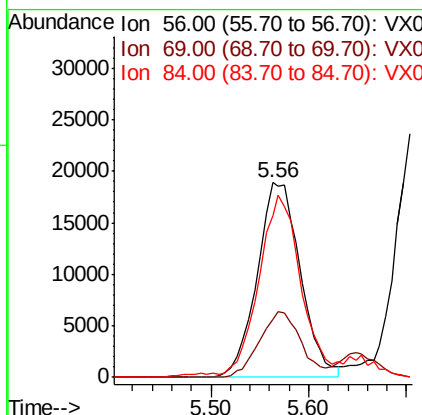
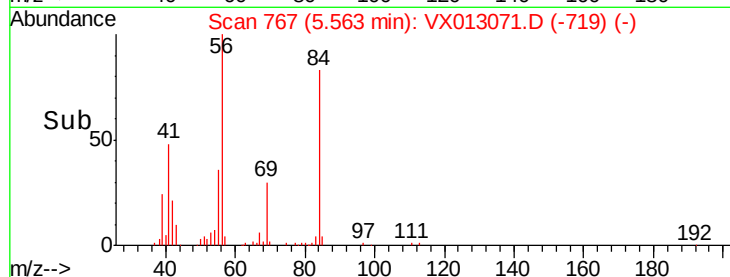
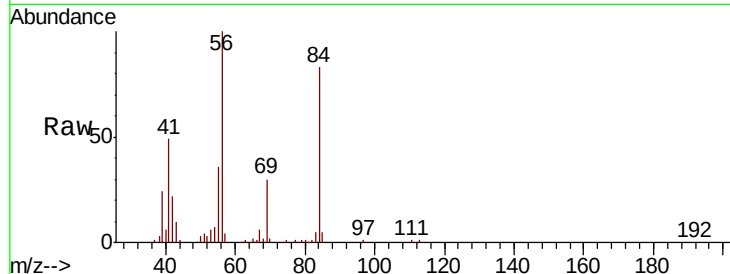




#31
Cyclohexane
Concen: 18.685 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

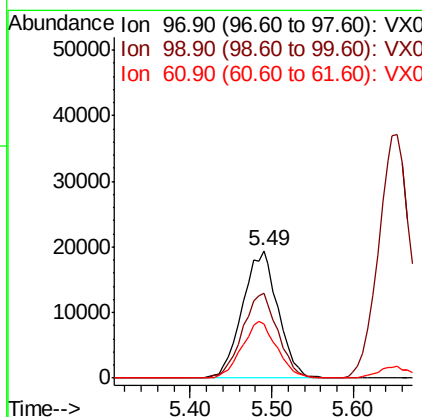
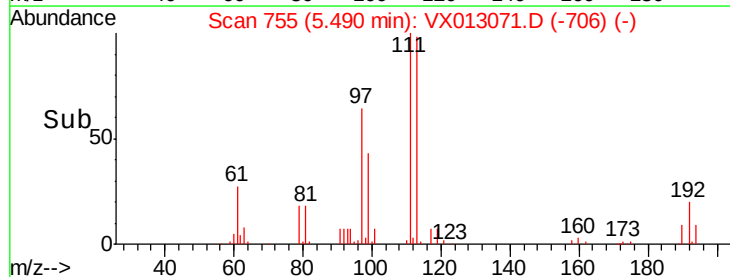
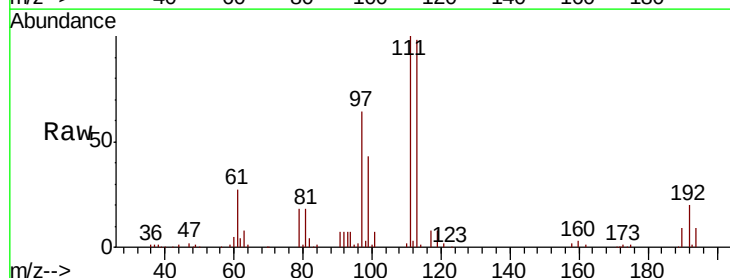
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

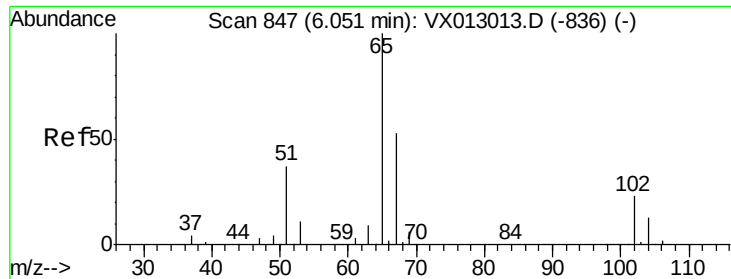
Tot Ion: 56 Resp: 58273
Ion Ratio Lower Upper
56 100
69 29.7 25.2 37.8
84 81.4 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 20.267 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 97 Resp: 58767
Ion Ratio Lower Upper
97 100
99 66.3 52.3 78.5
61 43.6 35.0 52.4

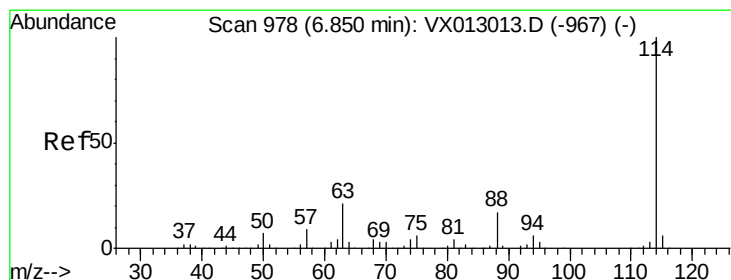
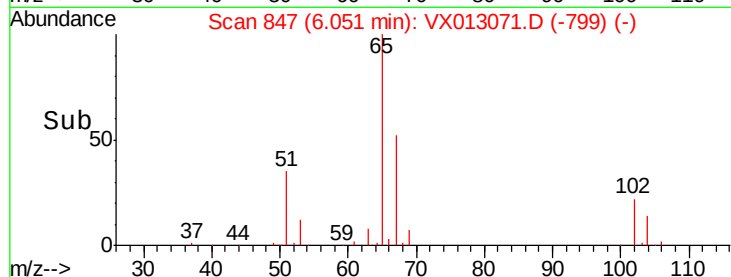
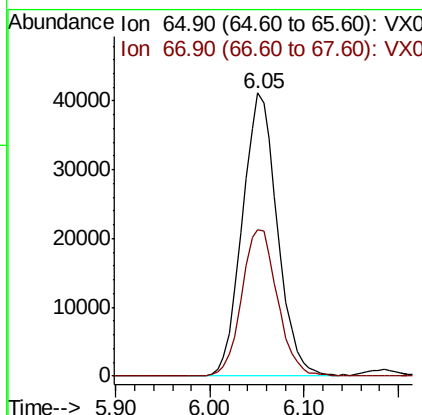
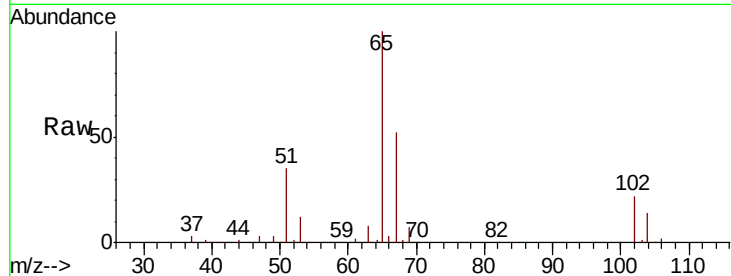




#33
 1,2-Dichloroethane-d4
 Concen: 49.966 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

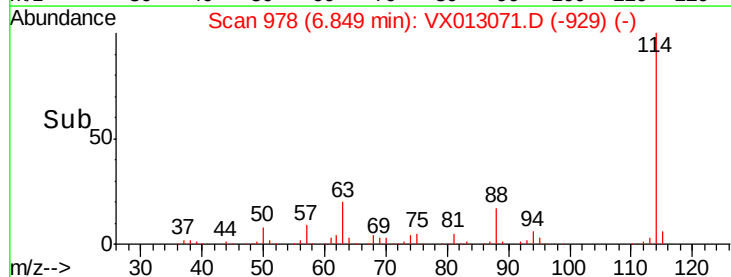
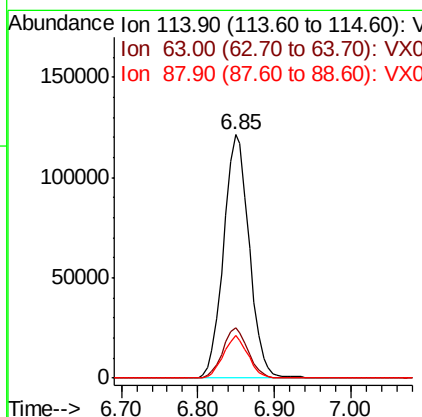
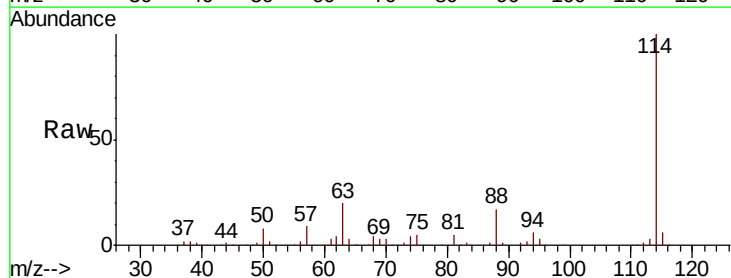
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

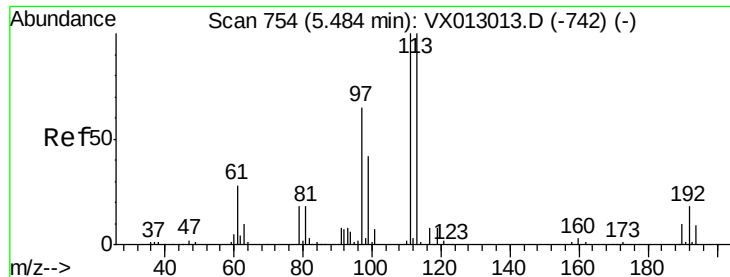
Tot Ion: 65 Resp: 107364
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 114 Resp: 281498
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 17.3 0.0 33.8

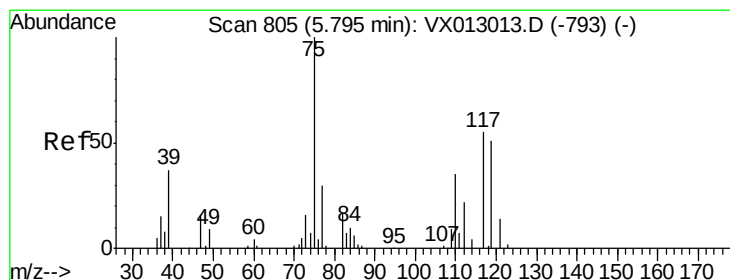
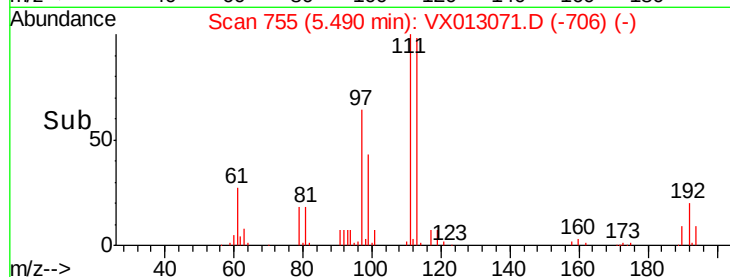
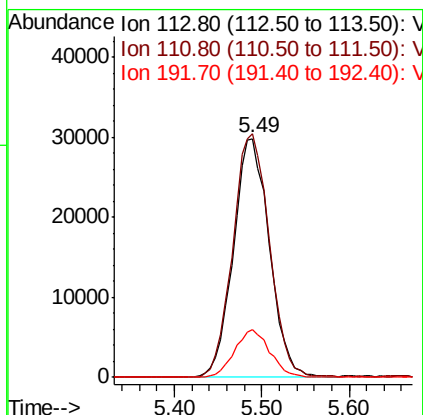
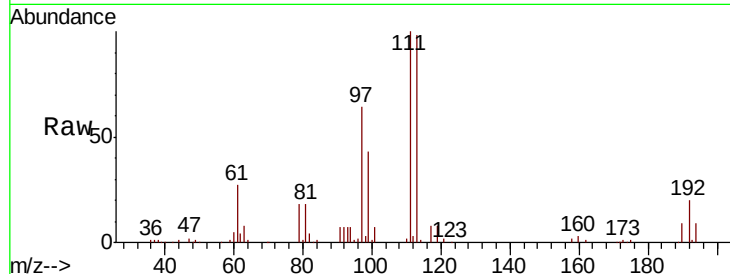




#35
 Dibromofluoromethane
 Concen: 52.791 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

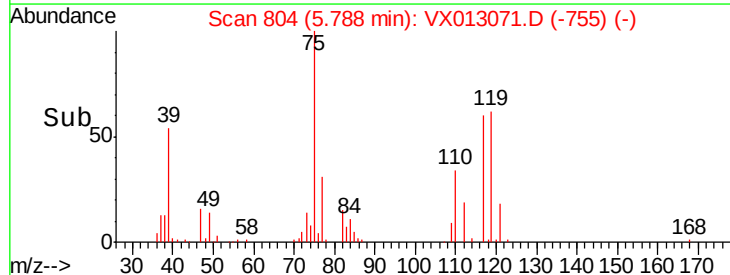
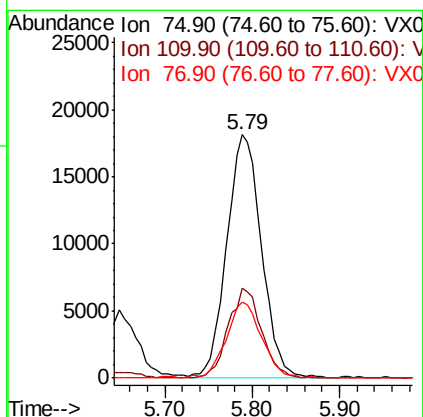
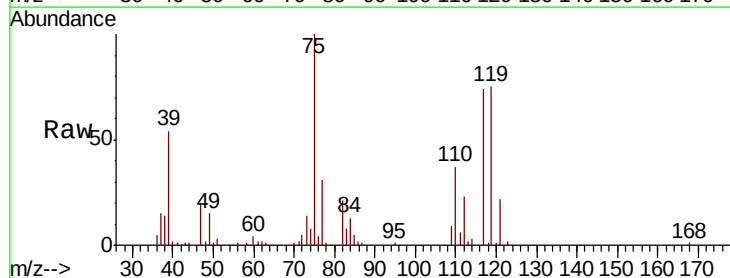
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

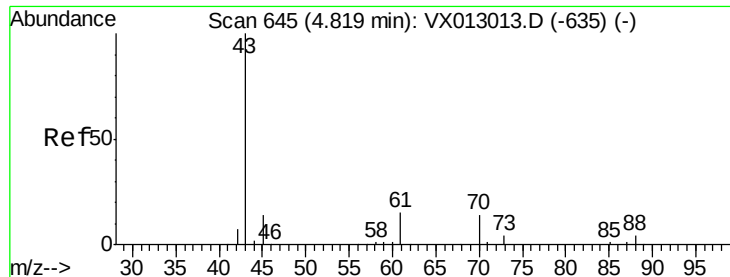
Tot Ion:113 Resp: 85292
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.2 124.8
 192 19.4 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 20.228 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 75 Resp: 50064
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.6 52.9
 77 31.7 24.4 36.6

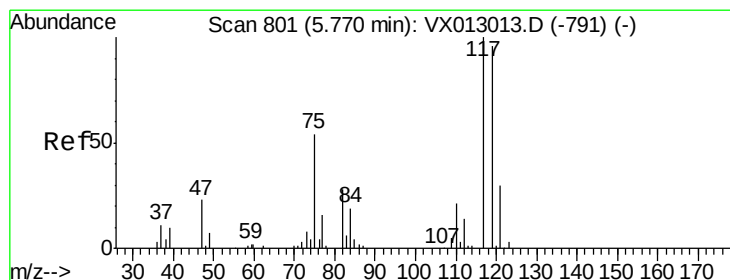
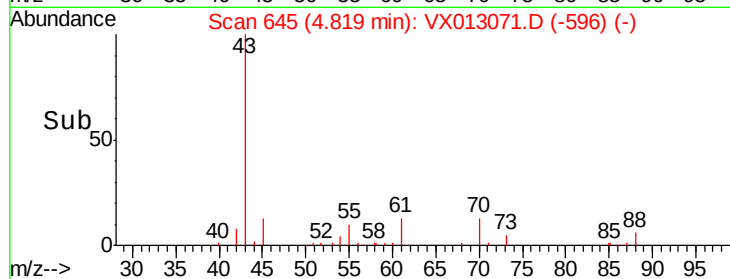
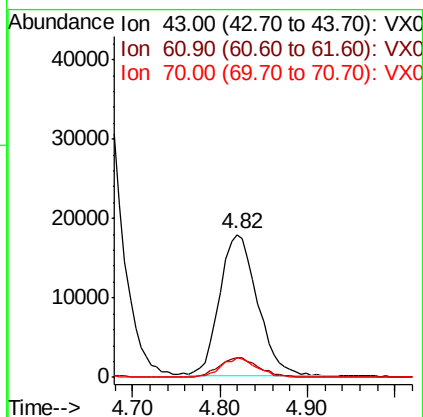
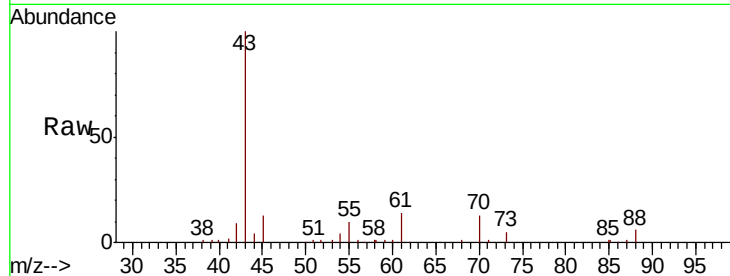




#37
Ethyl Acetate
Concen: 19.448 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

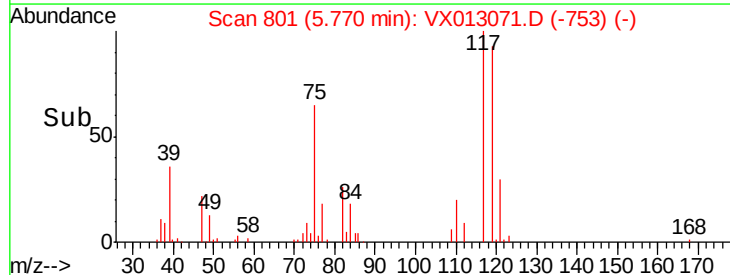
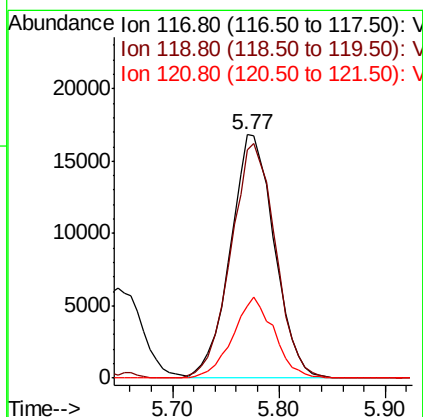
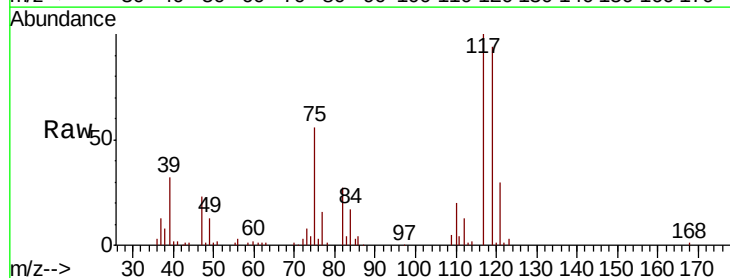
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

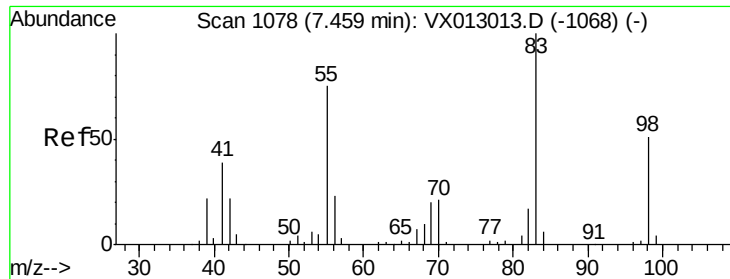
Tot Ion: 43 Resp: 53821
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 12.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 20.175 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 117 Resp: 48602
Ion Ratio Lower Upper
117 100
119 93.7 74.5 111.7
121 29.7 24.2 36.4

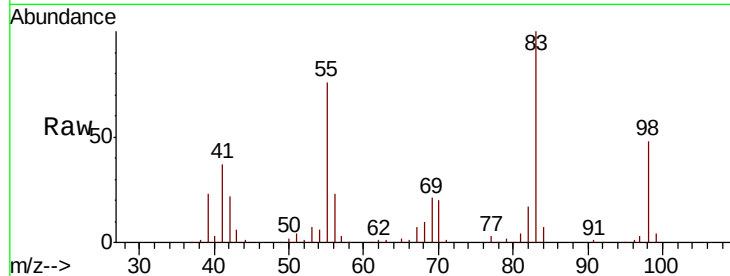




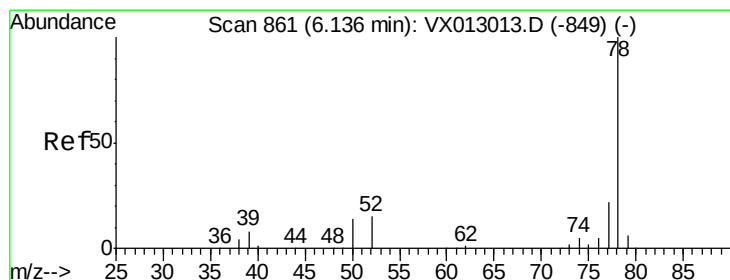
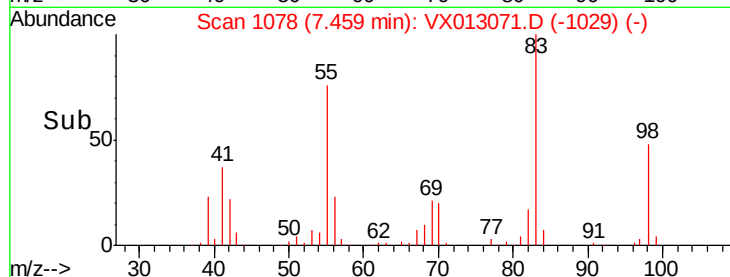
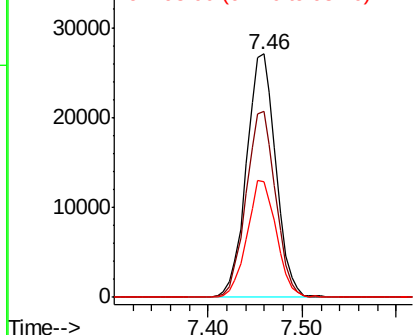
#39
Methylvlcyclohexane
Concen: 19.764 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion: 83 Resp: 59322
Ion Ratio Lower Upper
83 100
55 76.2 60.2 90.4
98 47.7 38.5 57.7

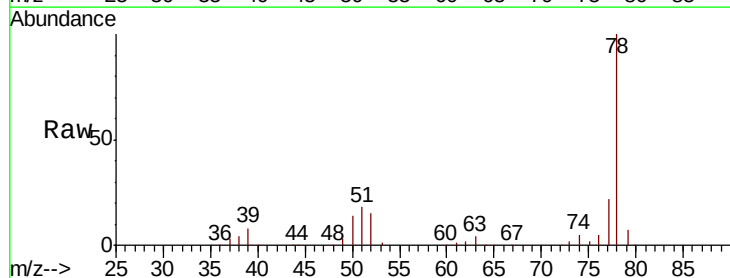


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

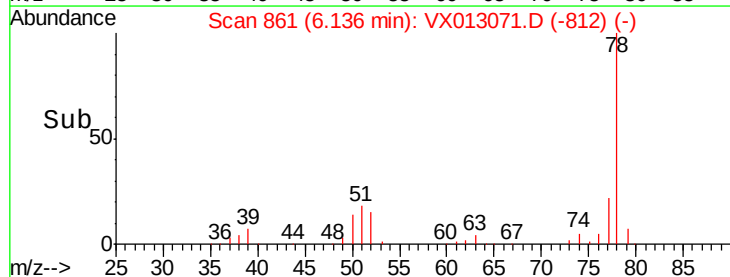
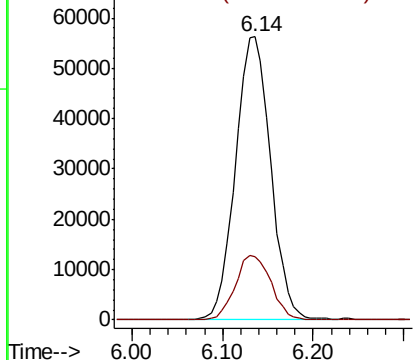


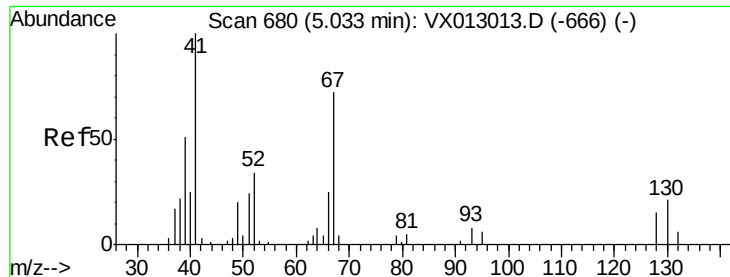
#40
Benzene
Concen: 20.714 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 78 Resp: 151412
Ion Ratio Lower Upper
78 100
77 22.2 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: 19.736 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 41 Resp: 30013

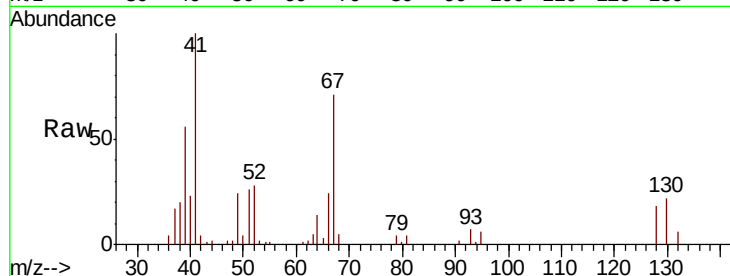
Ion Ratio Lower Upper

41 100

39 55.4 44.0 66.0

67 74.0 58.5 87.7

52 30.8 23.8 35.8

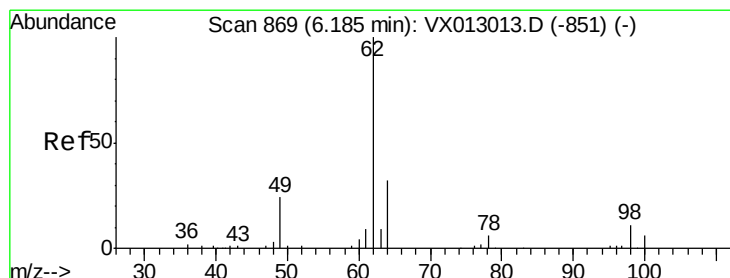
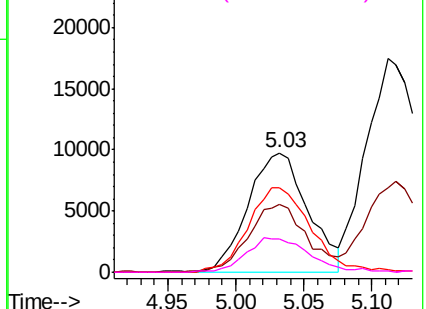
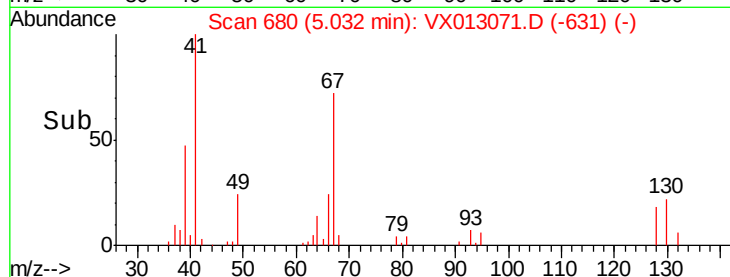


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.304 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013071.D

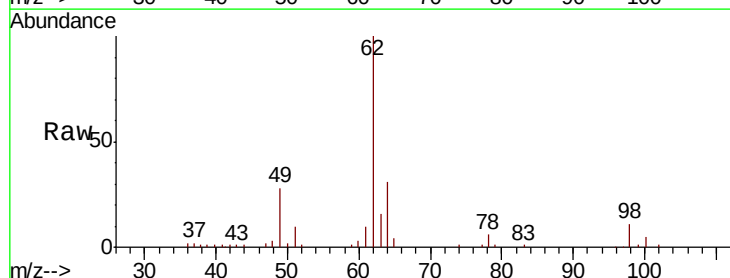
Acq: 15 Oct 2019 12:34

Tgt Ion: 62 Resp: 55880

Ion Ratio Lower Upper

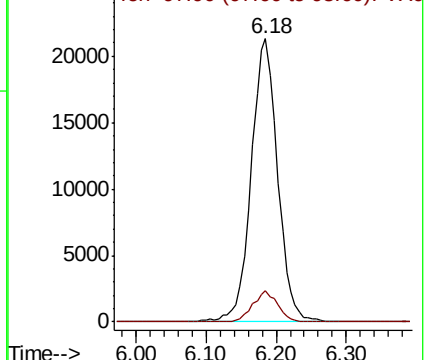
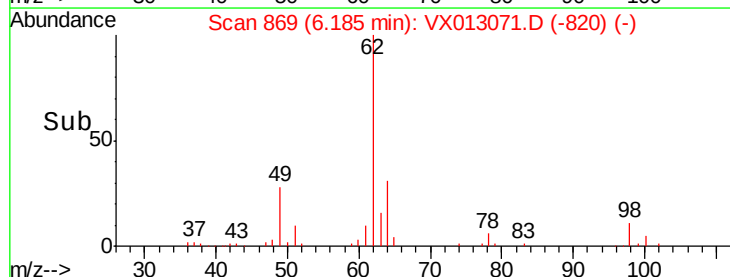
62 100

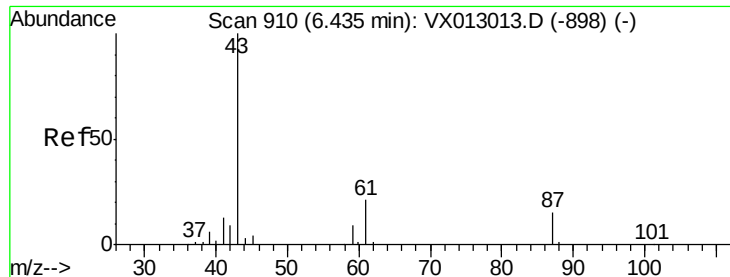
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.979 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

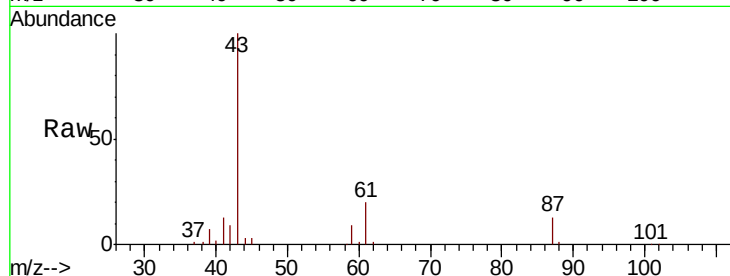
Tot Ion: 43 Resp: 88743

Ion Ratio Lower Upper

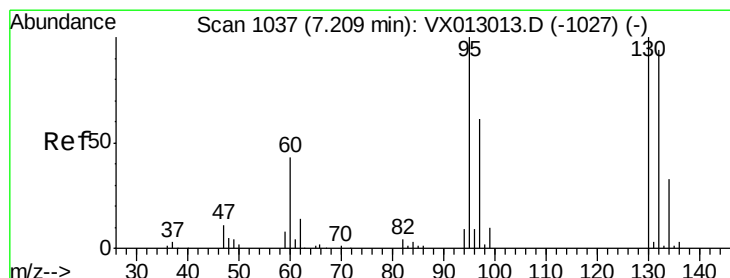
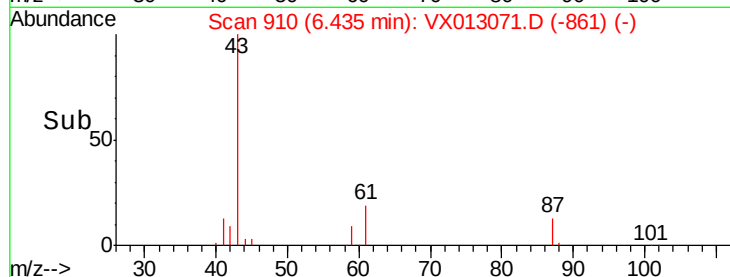
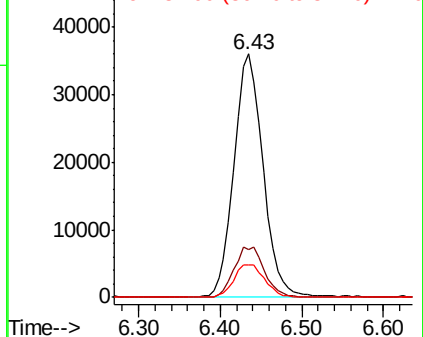
43 100

61 21.5 16.6 24.8

87 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.865 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013071.D

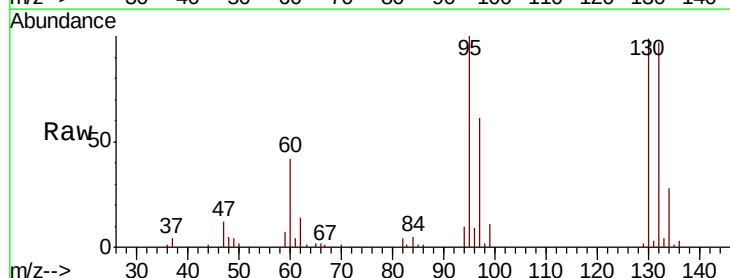
Acq: 15 Oct 2019 12:34

Tgt Ion:130 Resp: 40266

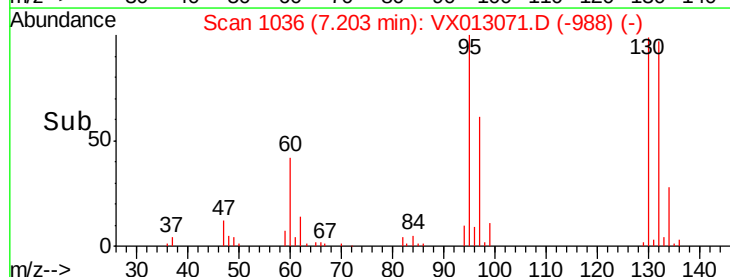
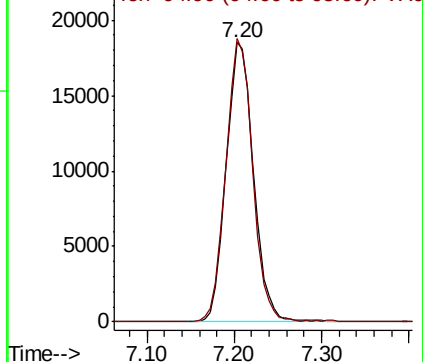
Ion Ratio Lower Upper

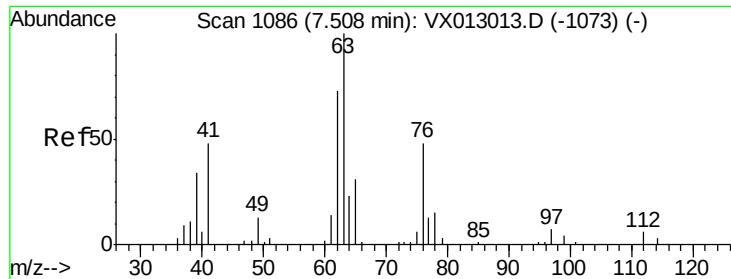
130 100

95 101.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

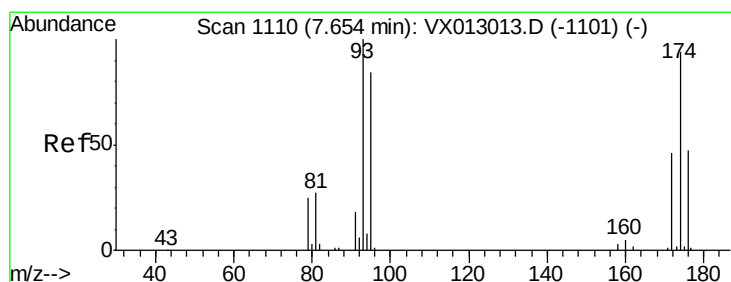
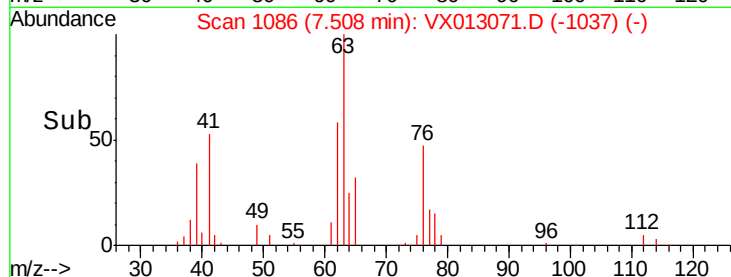
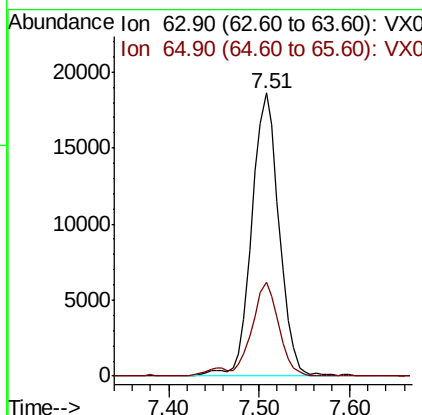
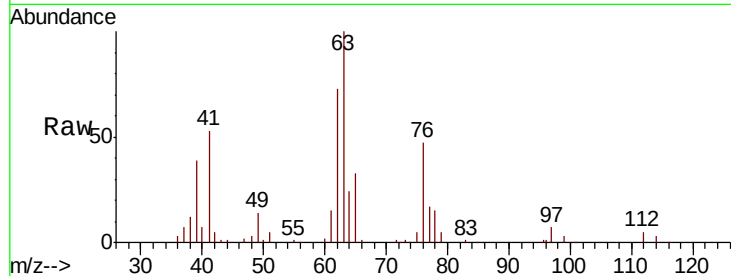




#45
 1,2-Dichloropropane
 Concen: 20.904 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

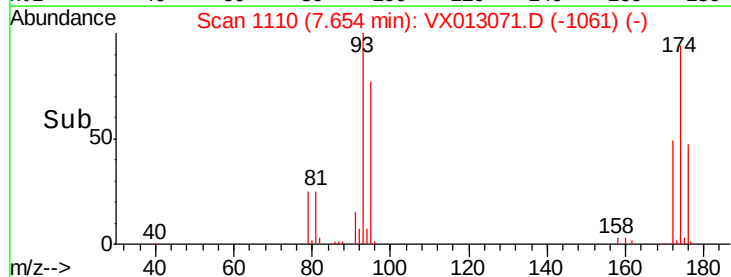
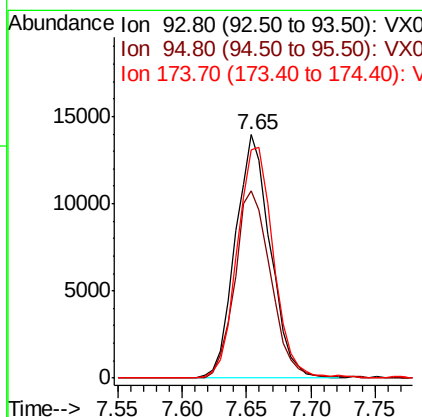
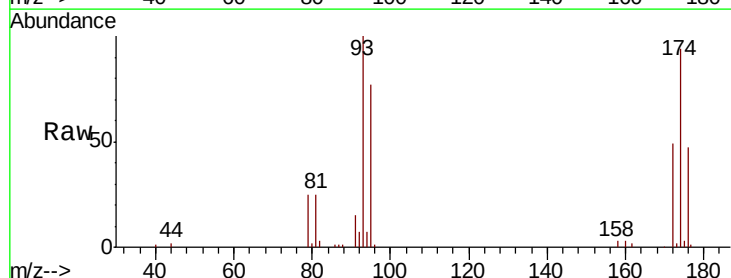
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

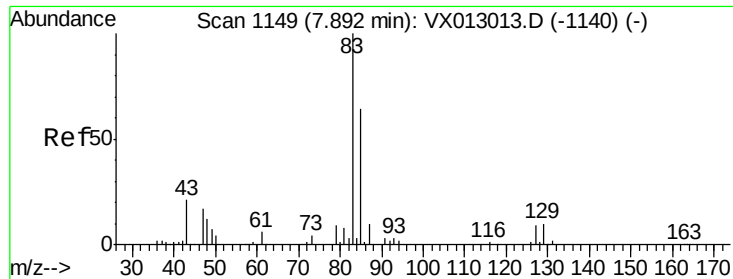
Tot Ion: 63 Resp: 38944
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.6 37.0



#46
 Dibromomethane
 Concen: 21.170 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 93 Resp: 26277
 Ion Ratio Lower Upper
 93 100
 95 79.3 66.3 99.5
 174 97.8 77.8 116.6

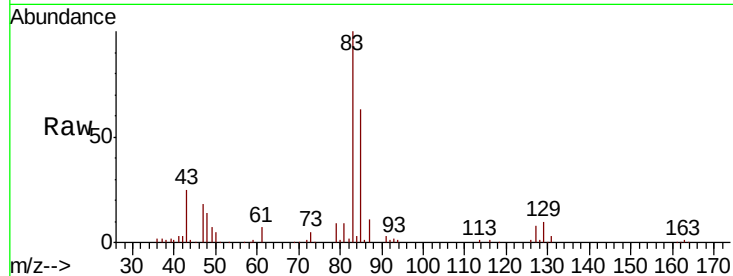




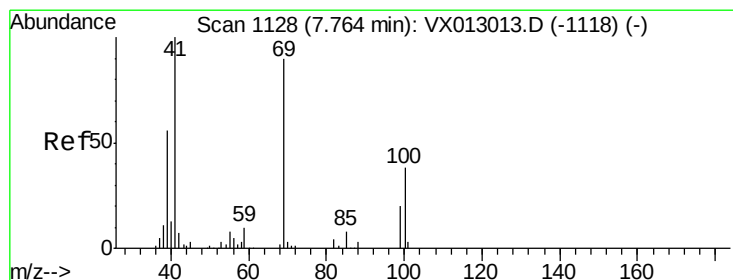
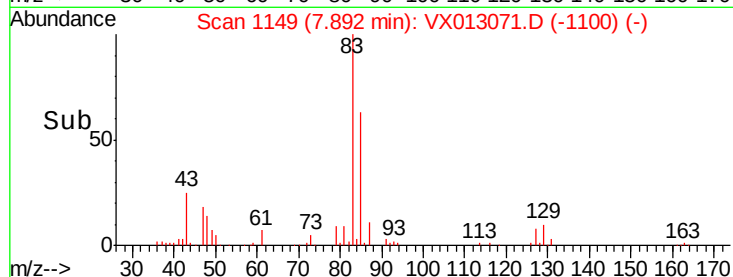
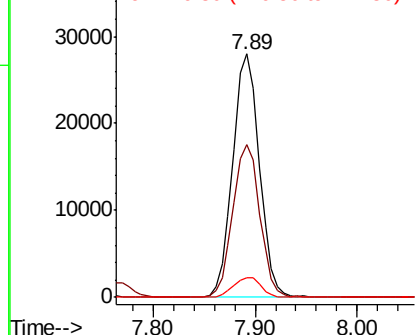
#47
 Bromodichloromethane
 Concen: 20.798 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion: 83 Resp: 50379
 Ion Ratio Lower Upper
 83 100
 85 62.9 52.4 78.6
 127 8.2 6.6 10.0

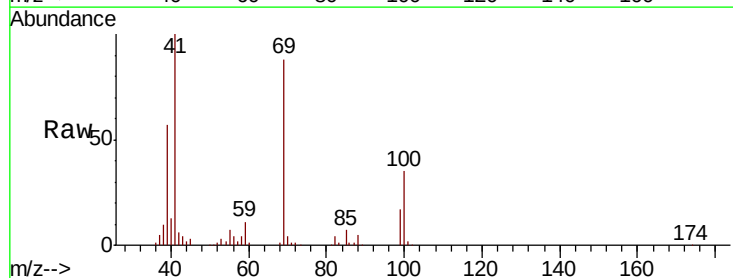


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

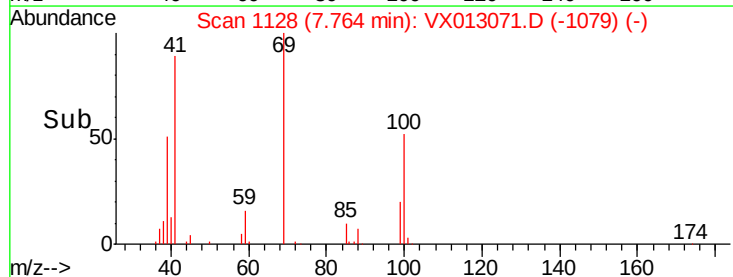
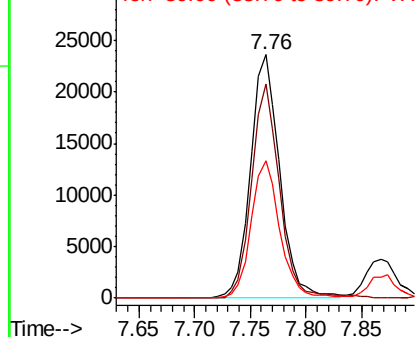


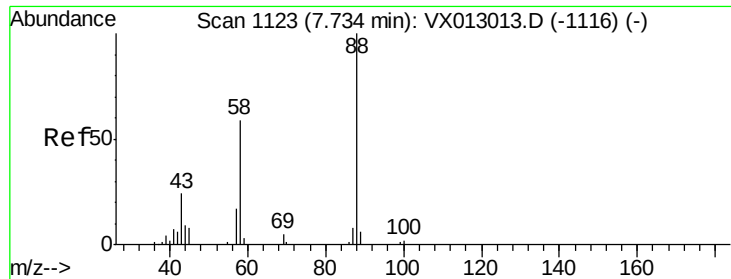
#48
 Methyl methacrylate
 Concen: 19.971 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 41 Resp: 43228
 Ion Ratio Lower Upper
 41 100
 69 84.3 68.7 103.1
 39 55.7 44.3 66.5



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

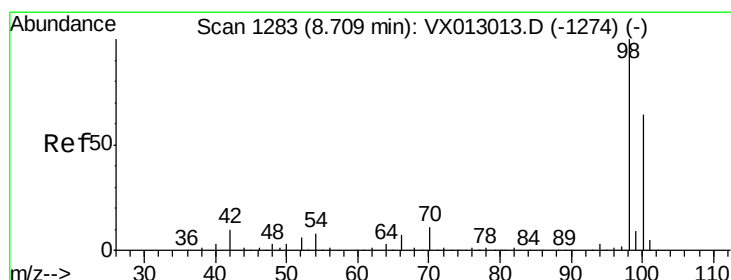
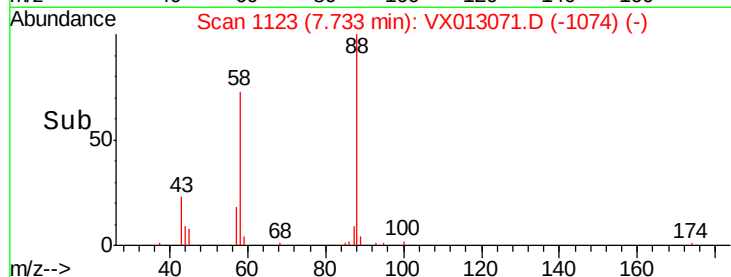
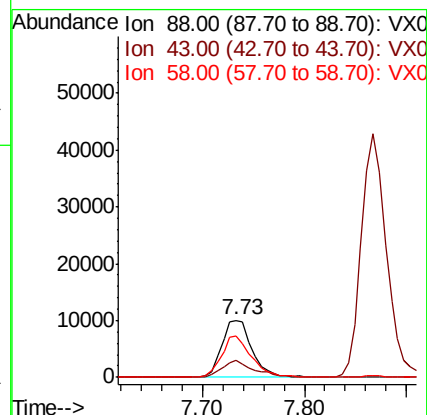
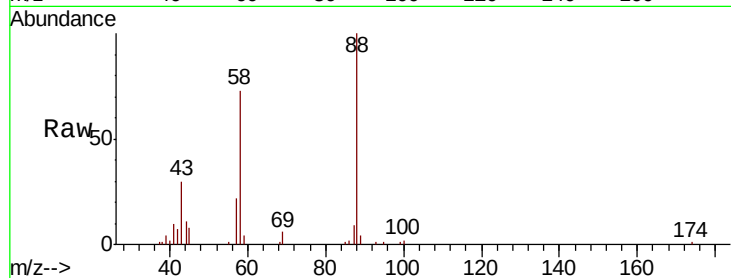




#49
1,4-Dioxane
Concen: 379.422 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

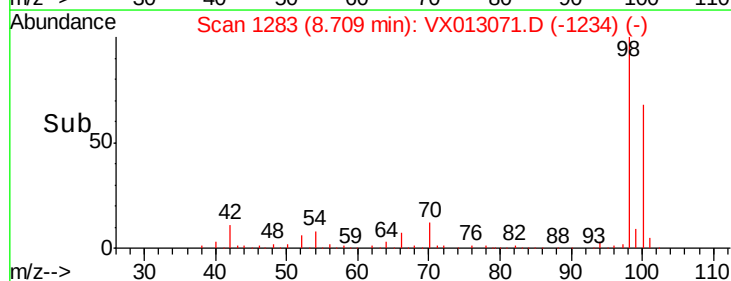
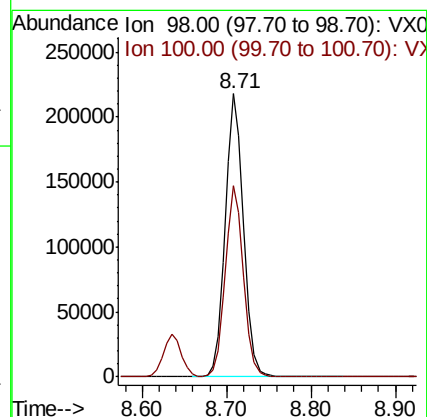
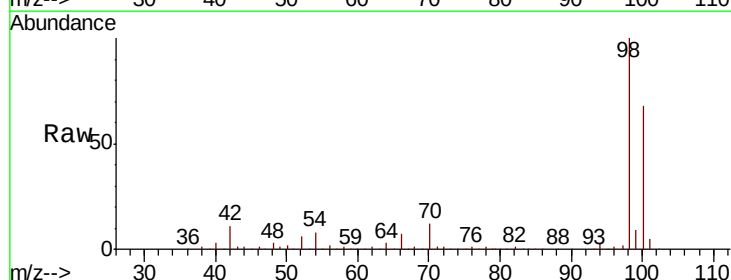
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

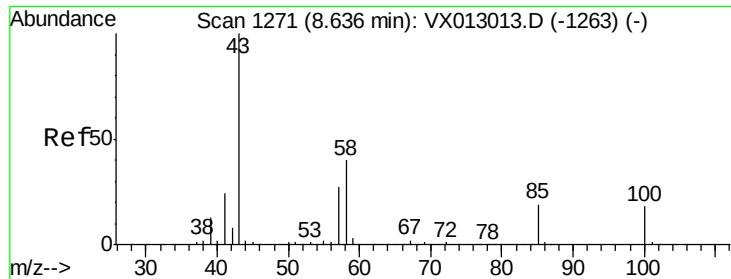
Tot Ion: 88 Resp: 20729
Ion Ratio Lower Upper
88 100
43 32.2 25.0 37.6
58 71.2 55.4 83.2



#50
Toluene-d8
Concen: 51.870 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 98 Resp: 326856
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 99.648 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

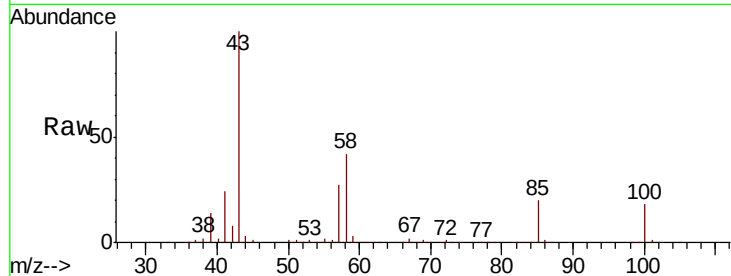
VX1015WBSD01

Tot Ion: 43 Resp: 275967

Ion Ratio Lower Upper

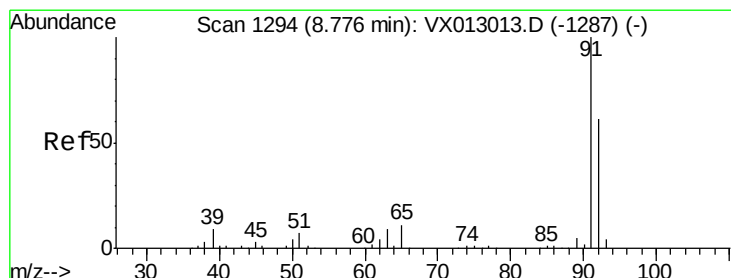
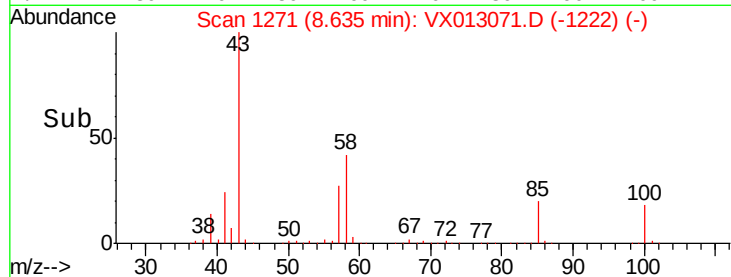
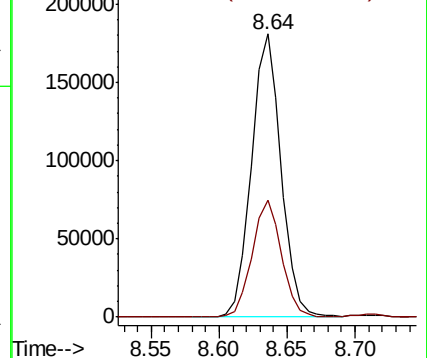
43 100

58 41.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.747 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013071.D

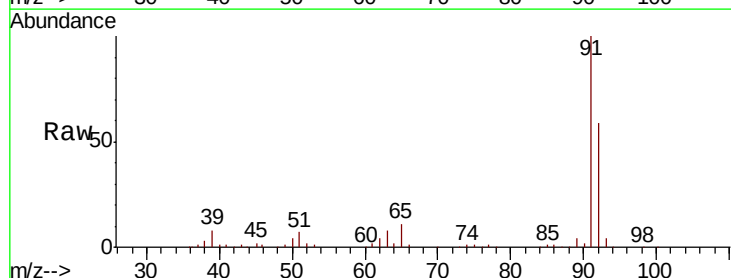
Acq: 15 Oct 2019 12:34

Tgt Ion: 92 Resp: 97023

Ion Ratio Lower Upper

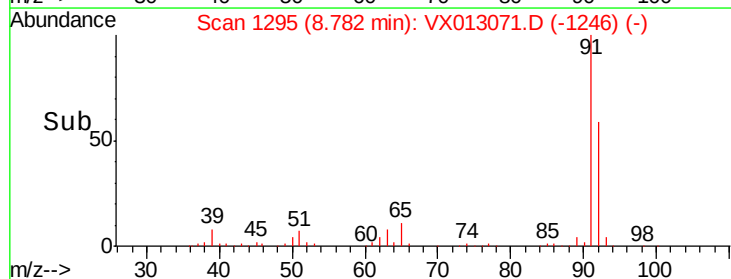
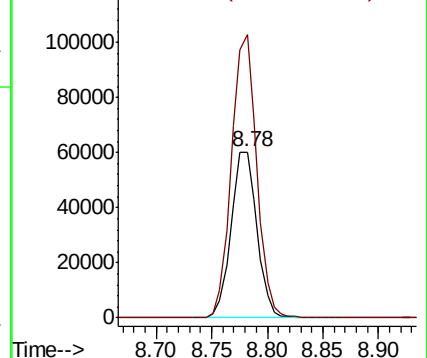
92 100

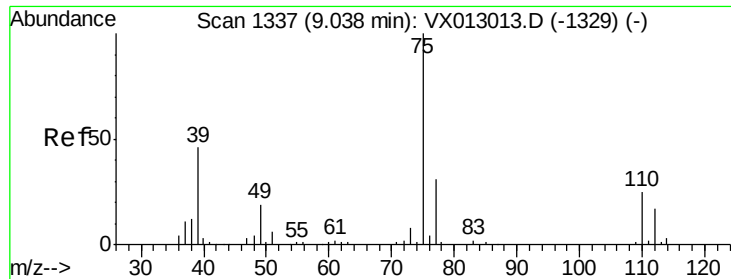
91 166.4 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

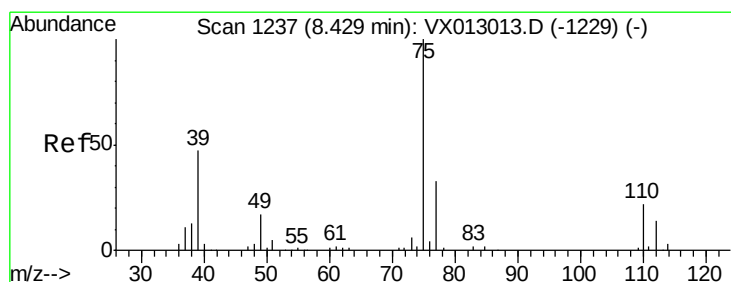
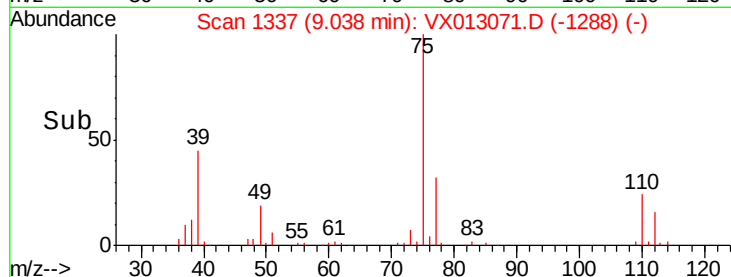
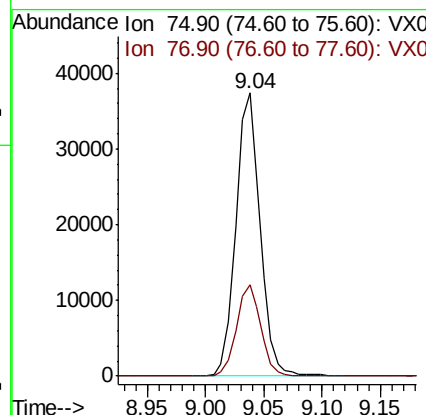
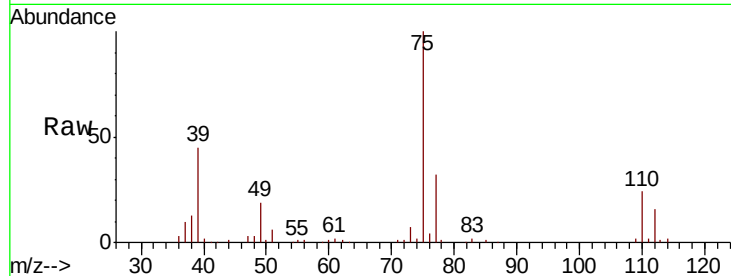




#53
t-1,3-Dichloropropene
Concen: 19.339 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

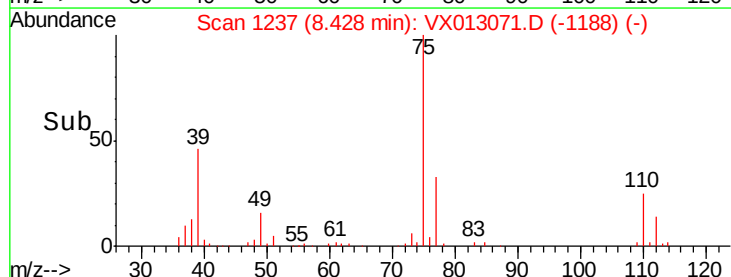
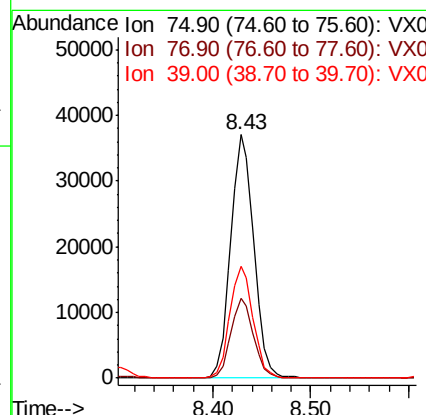
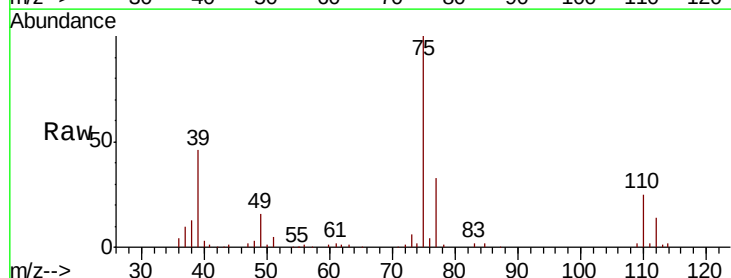
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

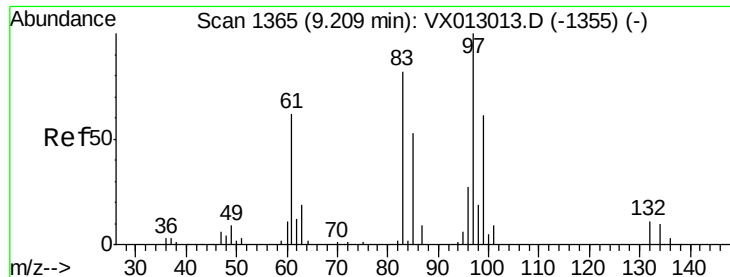
Tot Ion: 75 Resp: 54257
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 20.434 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 75 Resp: 60879
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
39 45.7 38.2 57.2

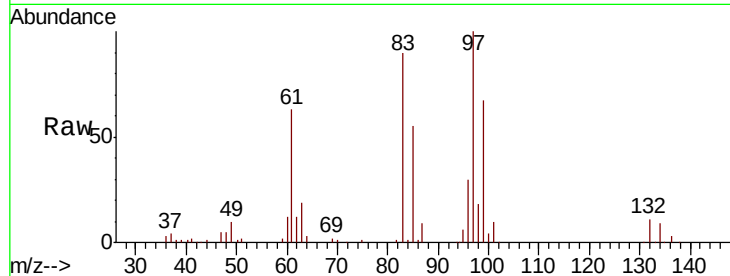




#55
 1,1,2-Trichloroethane
 Concen: 20.656 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion:	97	Resp:	38228
Ion	Ratio	Lower	Upper
97	100		
83	90.3	66.5	99.7
85	54.6	43.1	64.7
99	66.4	49.2	73.8



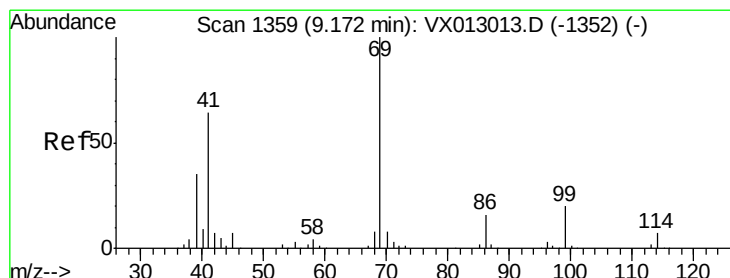
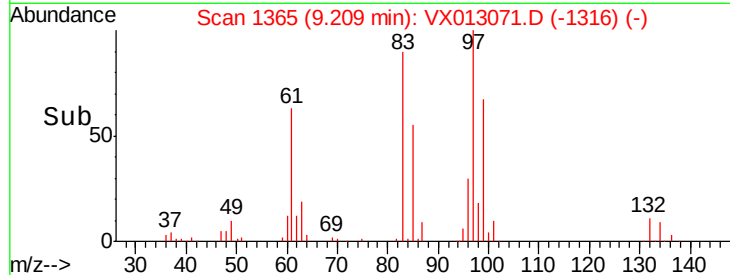
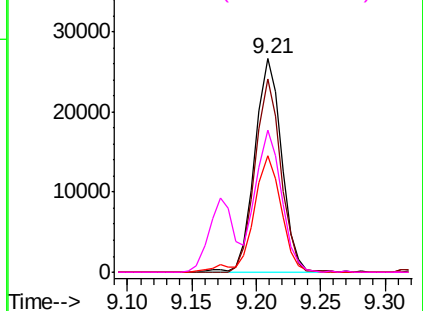
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

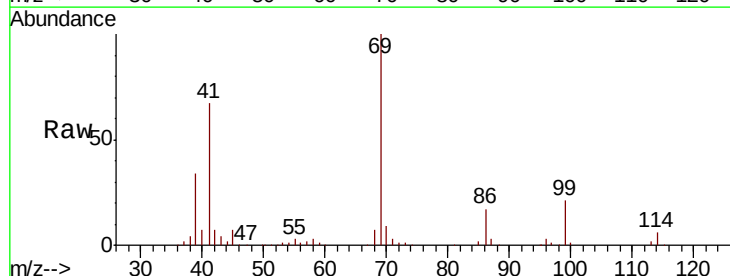
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.669 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion:	69	Resp:	61363
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.1	78.1
39	33.9	27.8	41.8

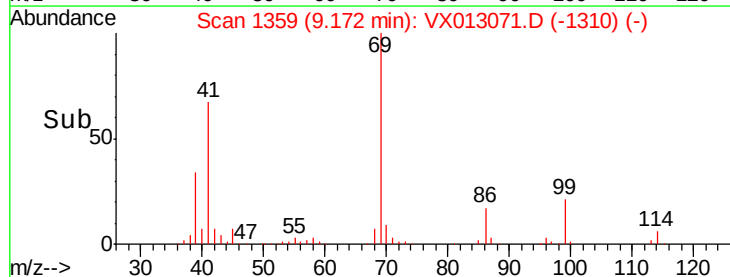
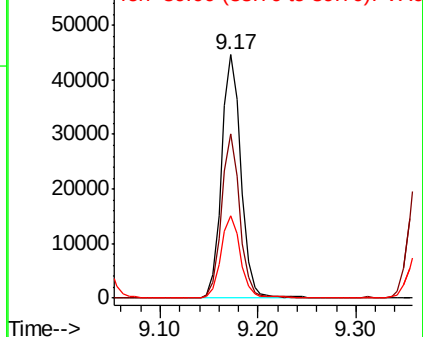


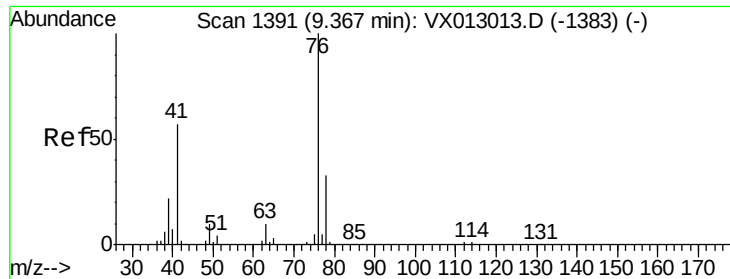
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

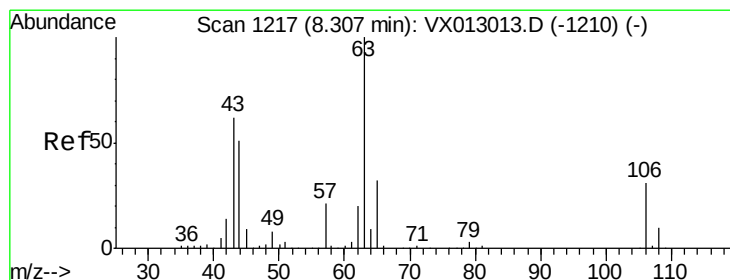
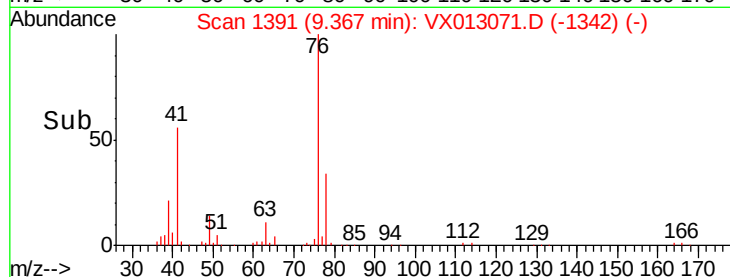
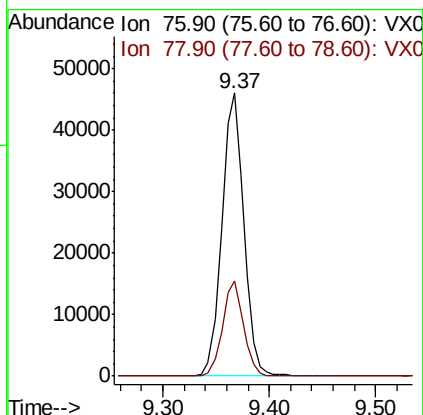
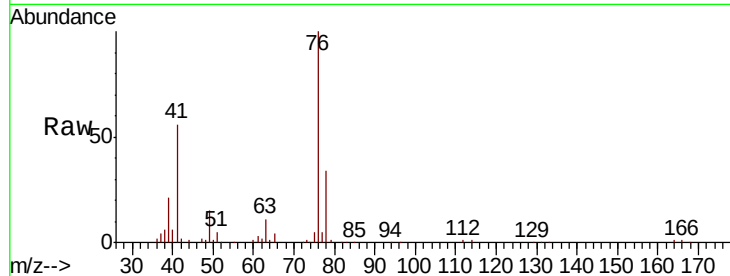




#57
 1,3-Dichloropropane
 Concen: 20.673 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

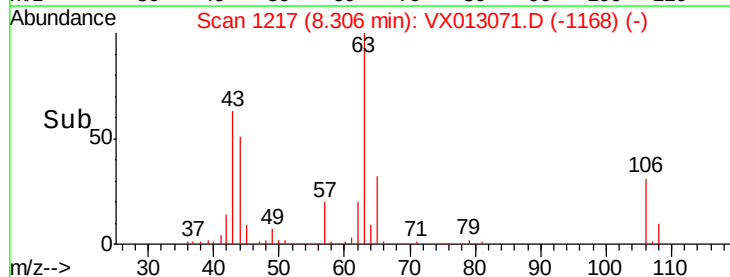
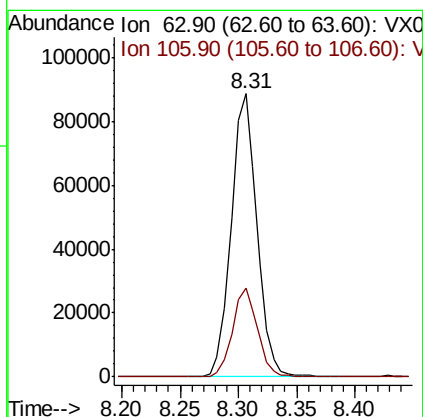
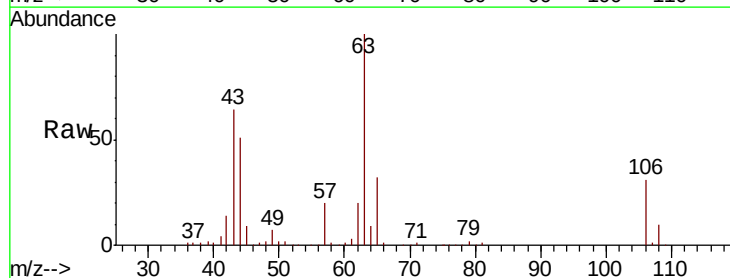
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

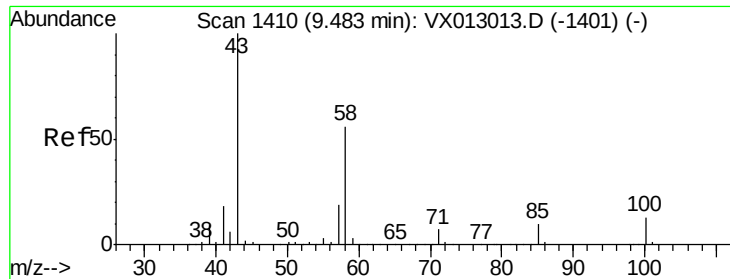
Tot Ion: 76 Resp: 66183
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.370 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 63 Resp: 136458
 Ion Ratio Lower Upper
 63 100
 106 30.5 23.8 35.8

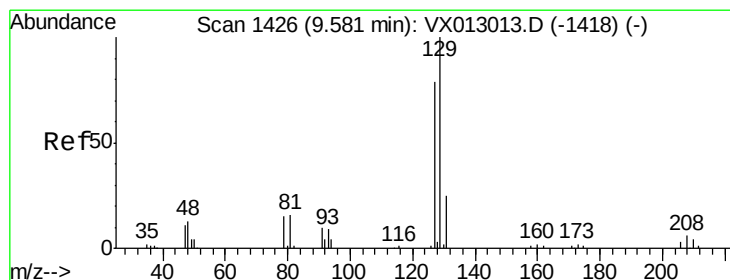
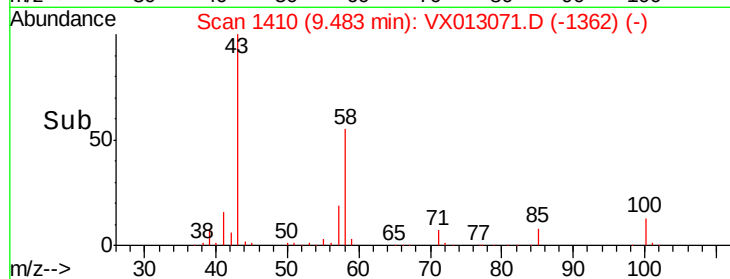
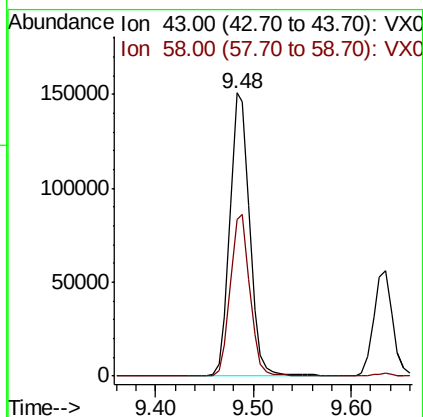
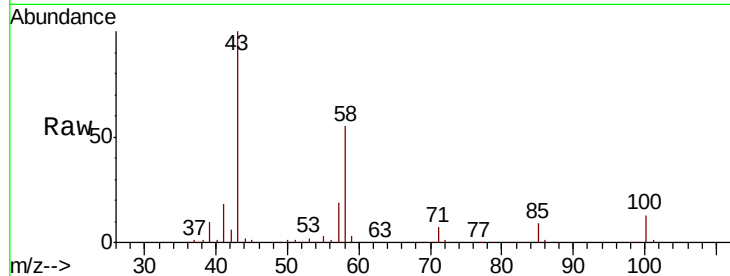




#59
2-Hexanone
Concen: 98.288 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

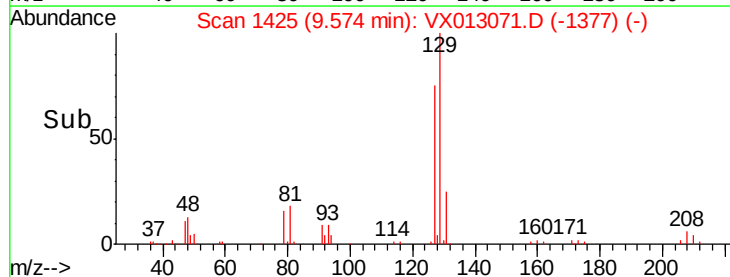
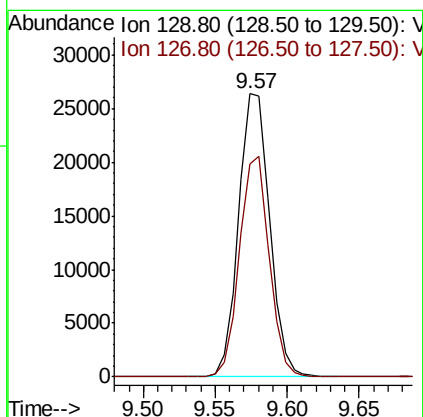
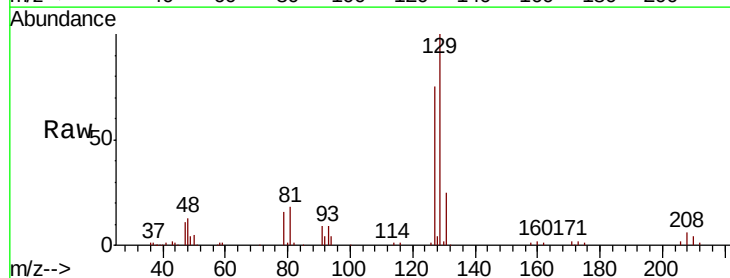
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

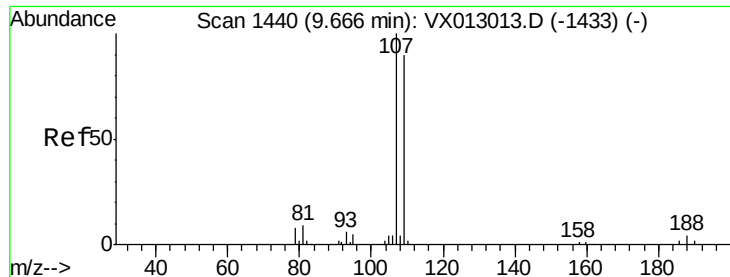
Tot Ion: 43 Resp: 211890
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 20.353 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 129 Resp: 39561
Ion Ratio Lower Upper
129 100
127 74.7 38.9 116.7

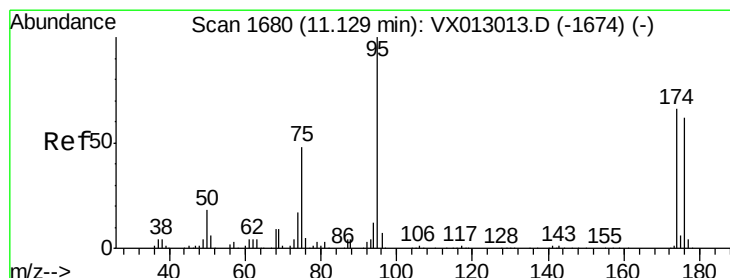
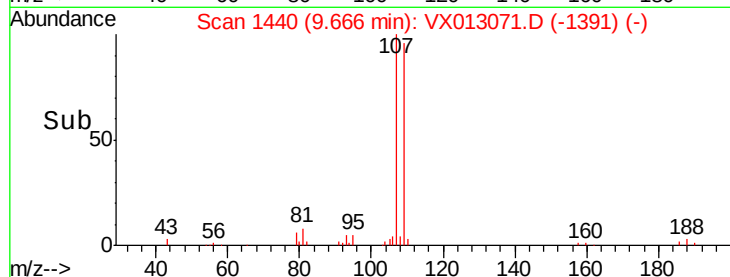
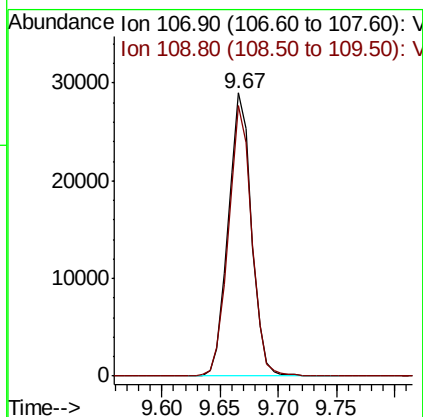
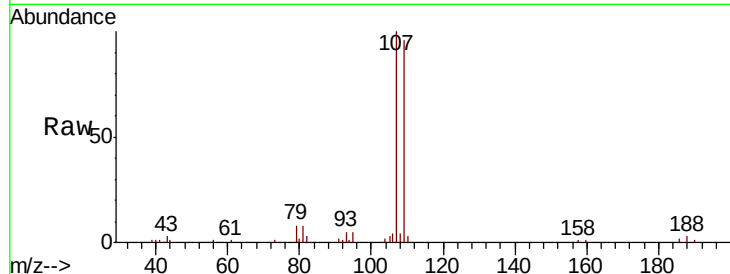




#61
 1,2-Dibromoethane
 Concen: 20.677 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

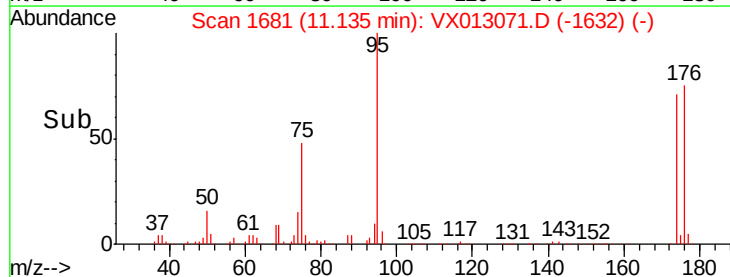
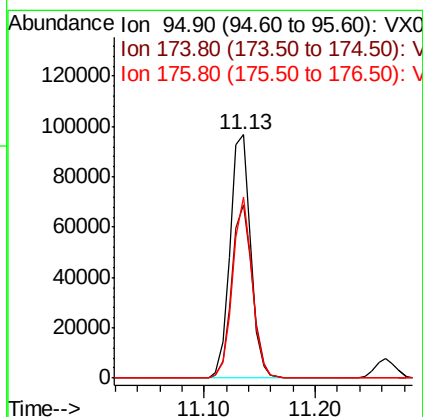
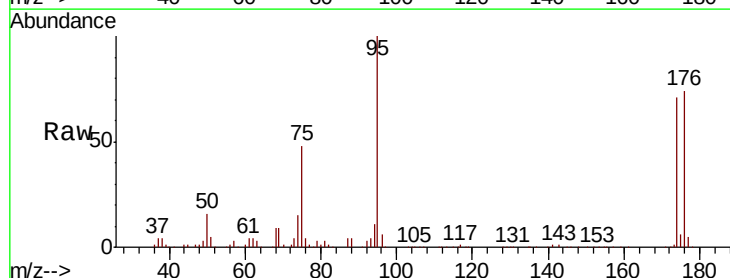
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

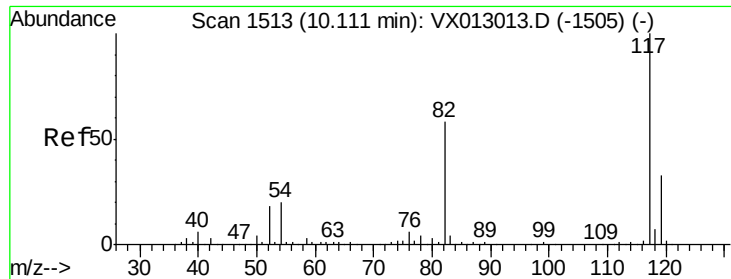
Tot Ion:107 Resp: 40254
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 50.654 ug/l
 RT: 11.13 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 95 Resp: 124024
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 143.4
 176 70.1 0.0 136.0

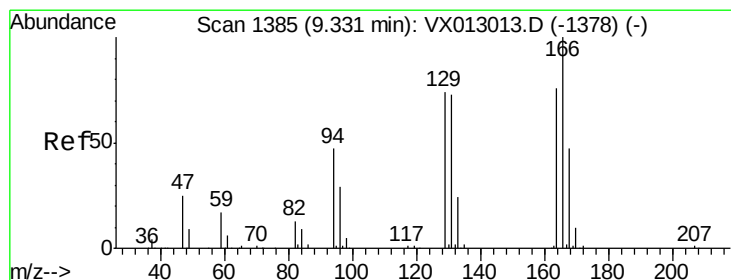
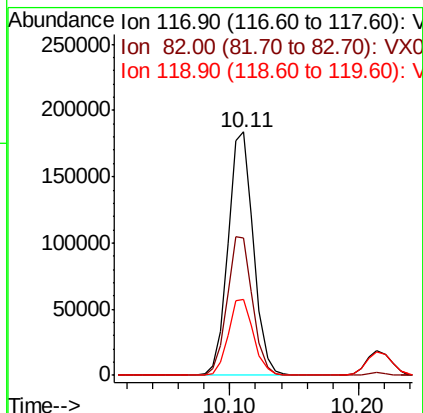
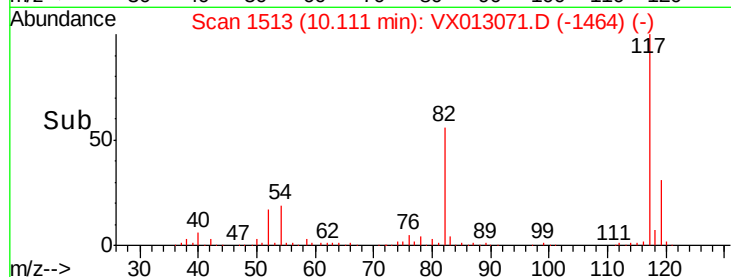
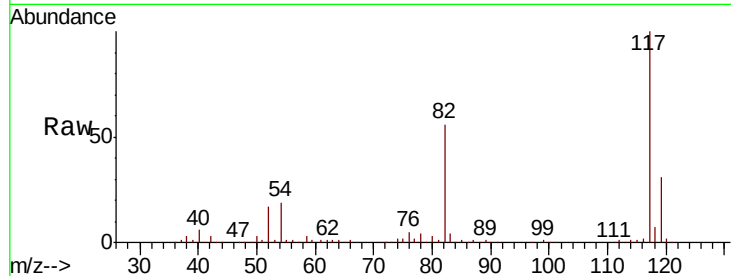




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

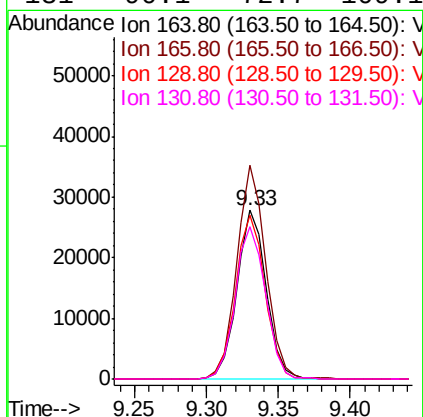
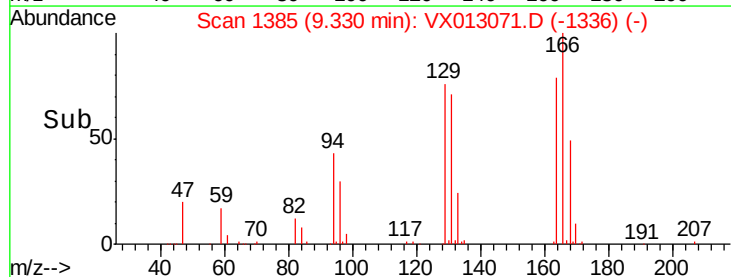
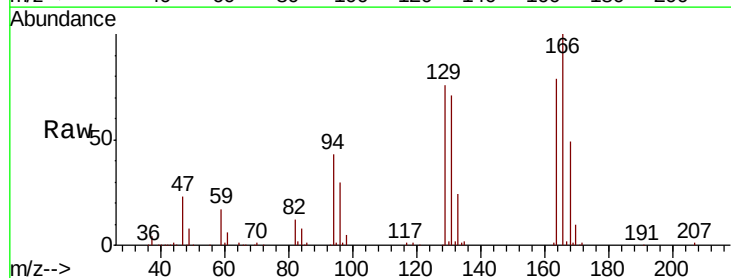
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

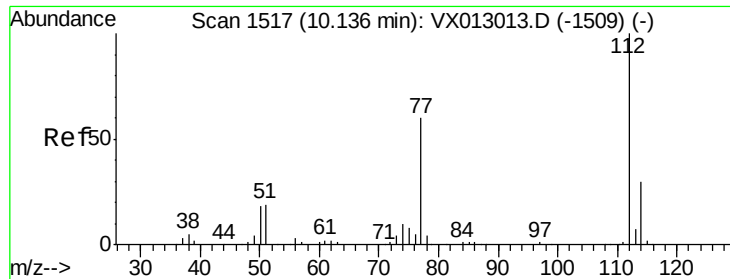
Tot Ion:117 Resp: 252573
Ion Ratio Lower Upper
117 100
82 56.4 44.1 66.1
119 31.1 25.8 38.8



#64
Tetrachloroethene
Concen: 22.356 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion:164 Resp: 39165
Ion Ratio Lower Upper
164 100
166 126.6 96.9 145.3
129 96.8 77.9 116.9
131 90.1 72.7 109.1

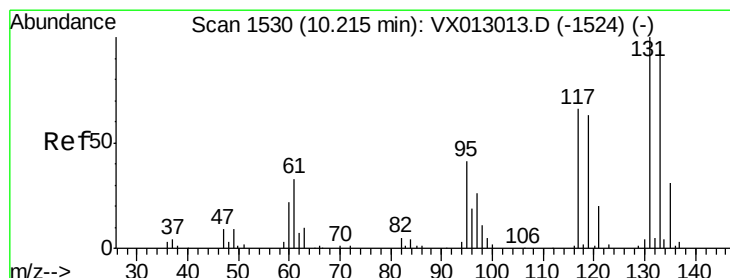
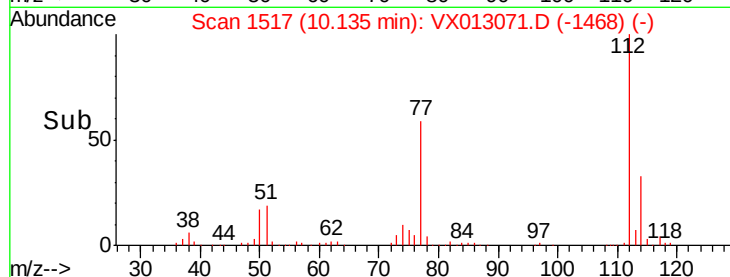
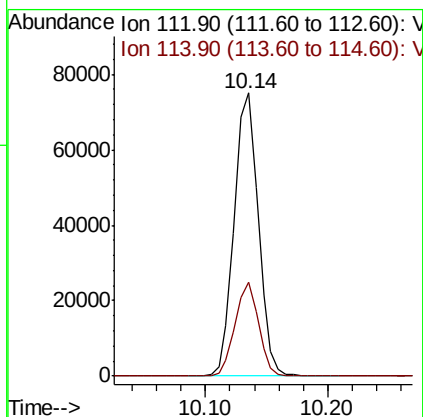
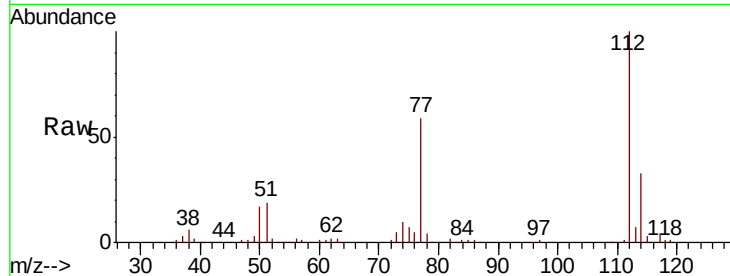




#65
Chlorobenzene
Concen: 20.349 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

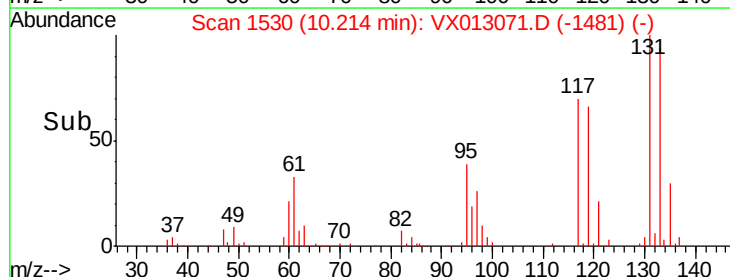
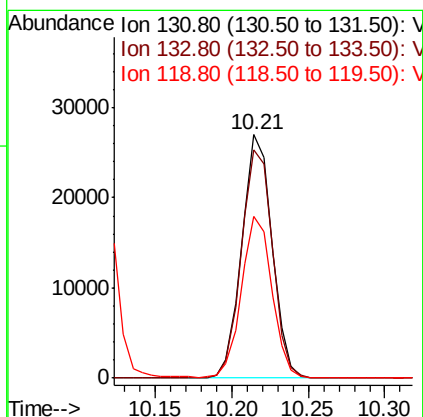
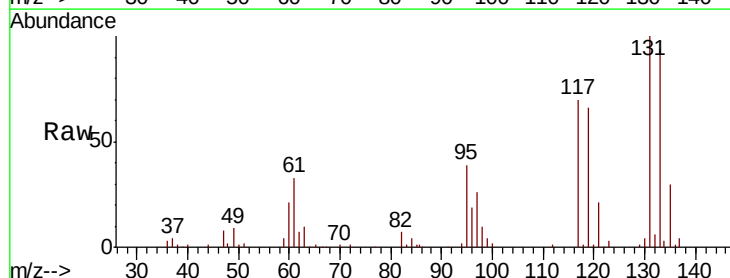
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

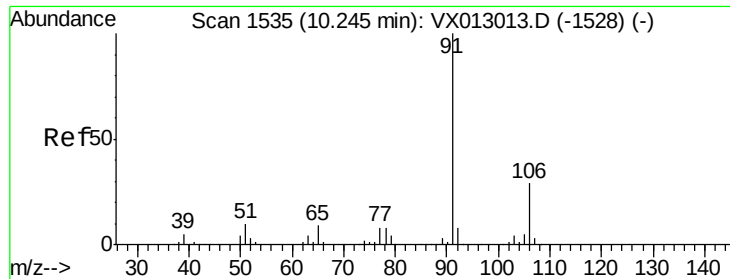
Tot Ion:112 Resp: 102063
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.276 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion:131 Resp: 37000
Ion Ratio Lower Upper
131 100
133 96.3 47.2 141.6
119 67.2 32.6 98.0





#67

Ethyl Benzene

Concen: 20.372 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

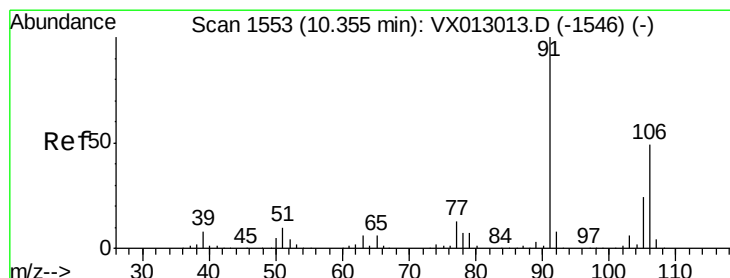
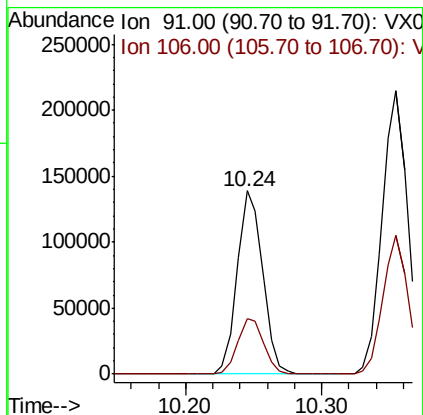
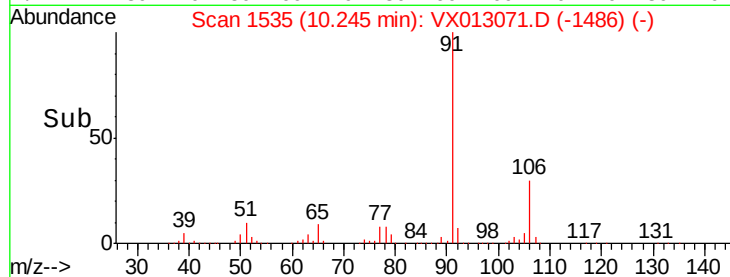
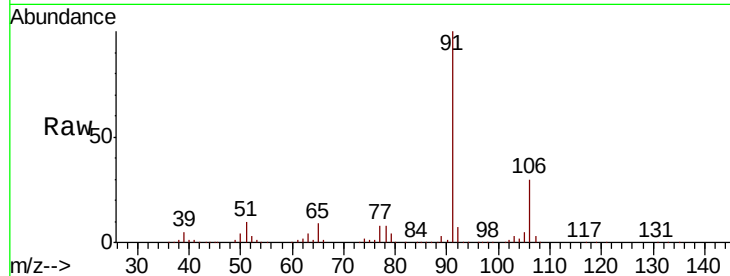
VX1015WBSD01

Tot Ion: 91 Resp: 181503

Ion Ratio Lower Upper

91 100

106 30.1 23.9 35.9



#68

m/p-Xylenes

Concen: 40.975 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013071.D

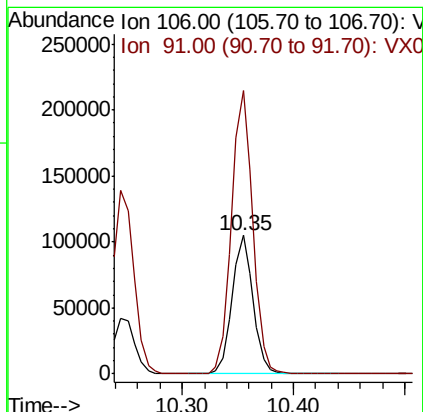
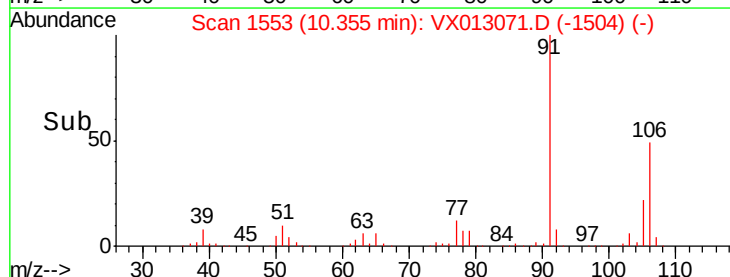
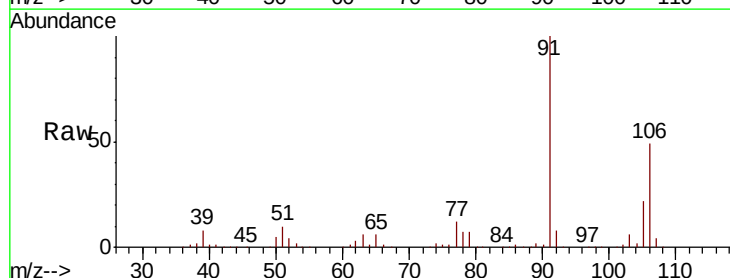
Acq: 15 Oct 2019 12:34

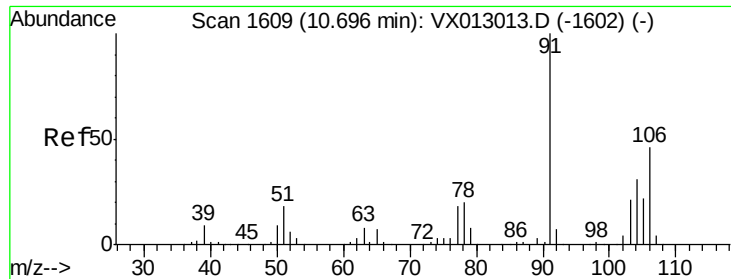
Tgt Ion: 106 Resp: 136380

Ion Ratio Lower Upper

106 100

91 207.7 165.3 247.9

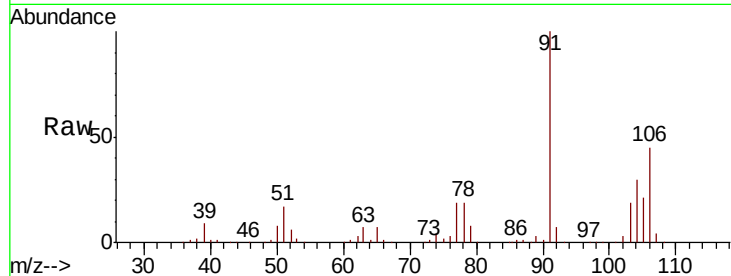




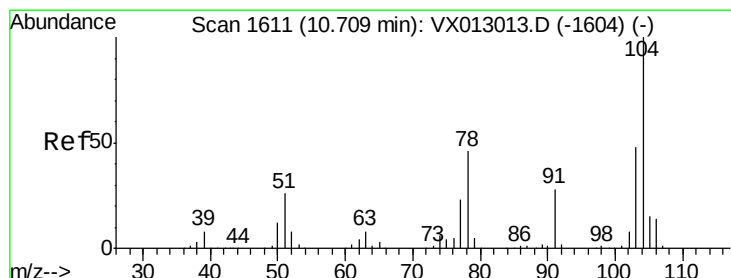
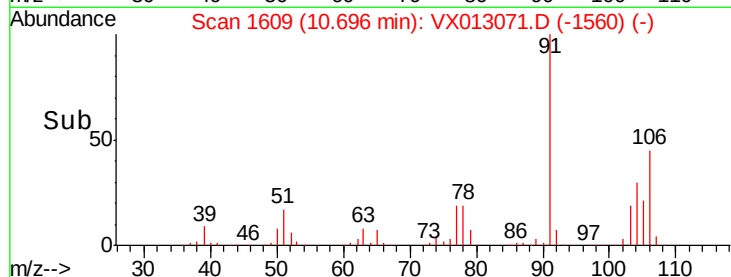
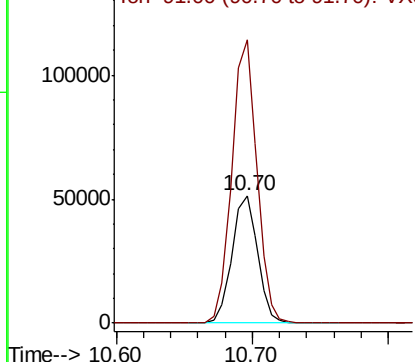
#69
o-Xylene
Concen: 20.688 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion:106 Resp: 67148
Ion Ratio Lower Upper
106 100
91 218.5 109.1 327.3

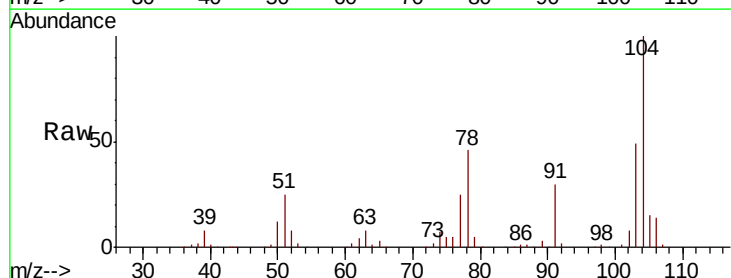


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

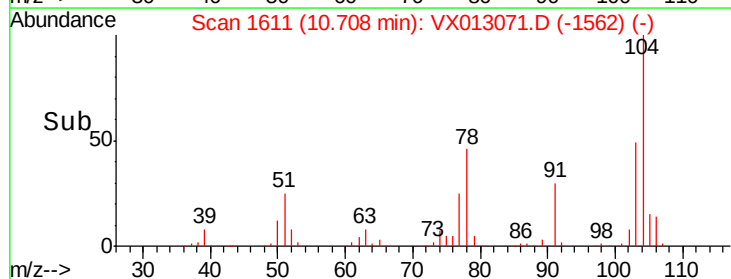
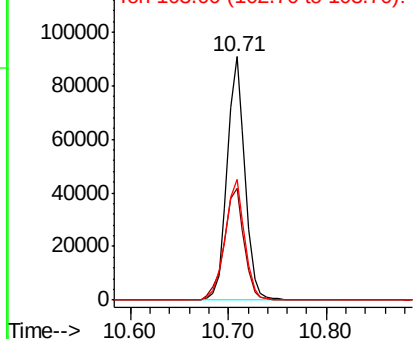


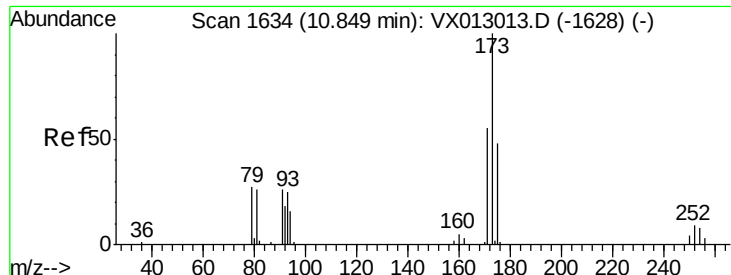
#70
Styrene
Concen: 20.805 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion:104 Resp: 114798
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 54.1 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.426 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

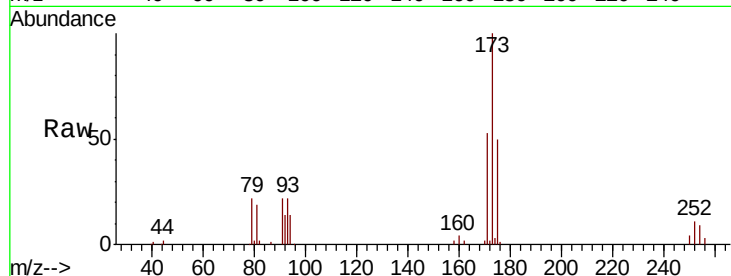
Tot Ion:173 Resp: 25752

Ion Ratio Lower Upper

173 100

175 46.8 24.1 72.3

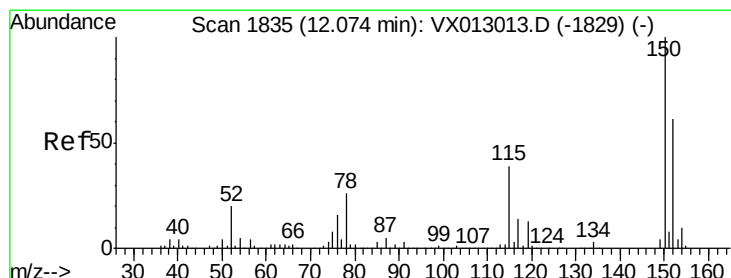
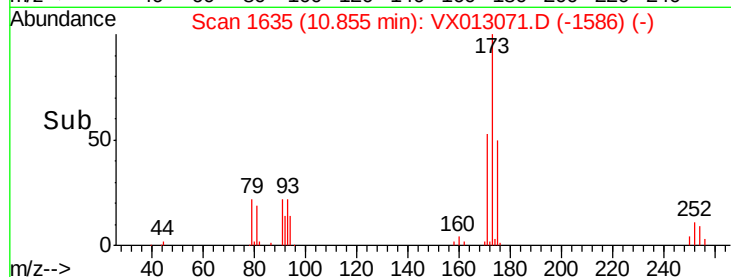
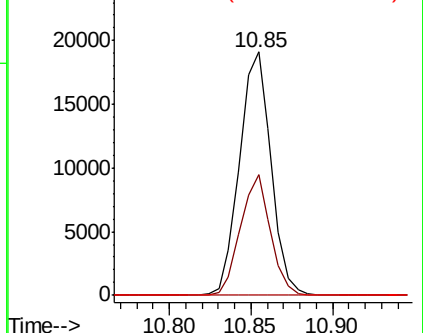
254 0.0 0.1 0.1#



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: VX013071.D

Acq: 15 Oct 2019 12:34

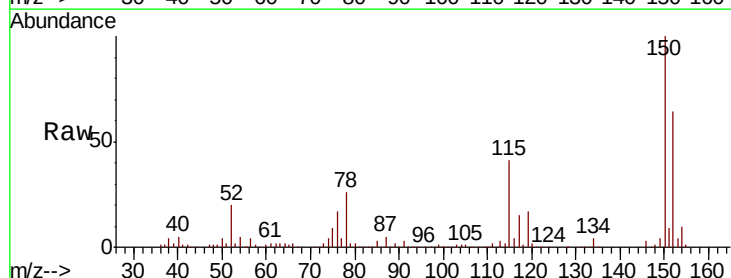
Tgt Ion:152 Resp: 116612

Ion Ratio Lower Upper

152 100

115 72.2 44.5 133.5

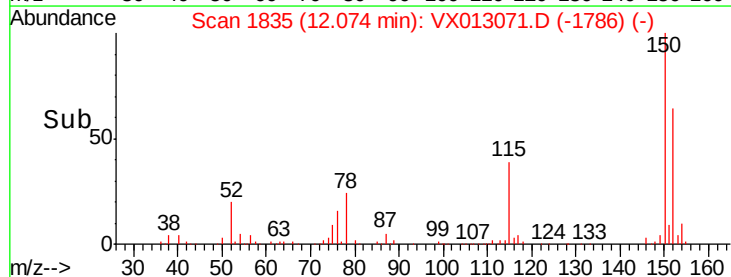
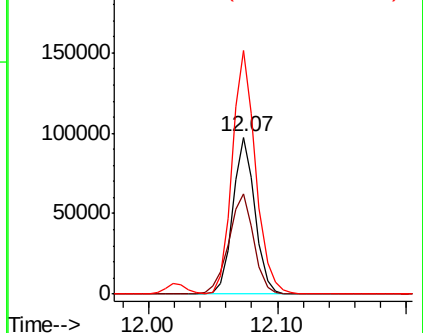
150 164.8 0.0 353.4

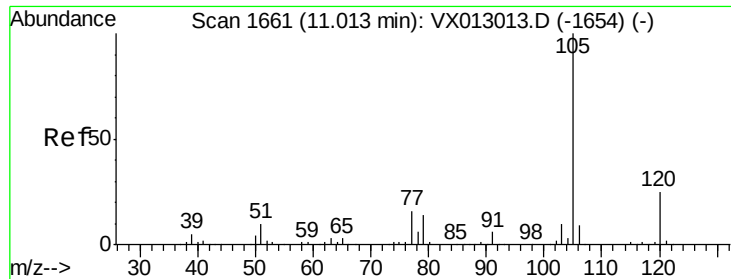


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.922 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

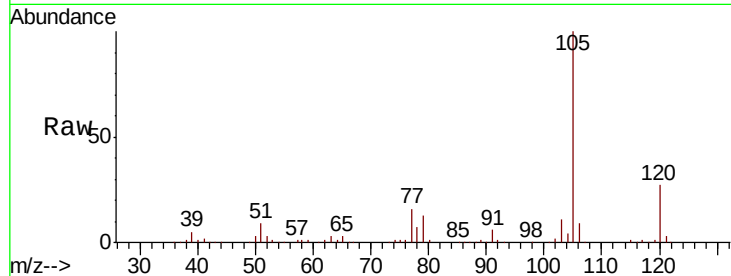
VX1015WBSD01

Tot Ion:105 Resp: 179376

Ion Ratio Lower Upper

105 100

120 26.7 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

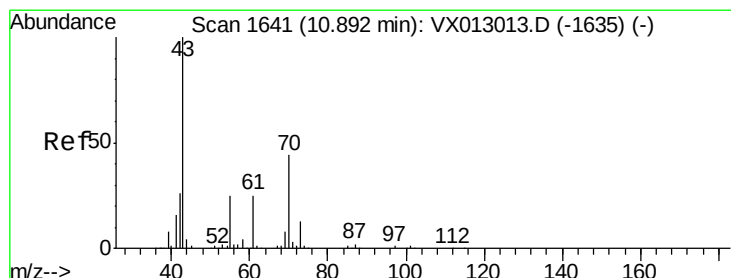
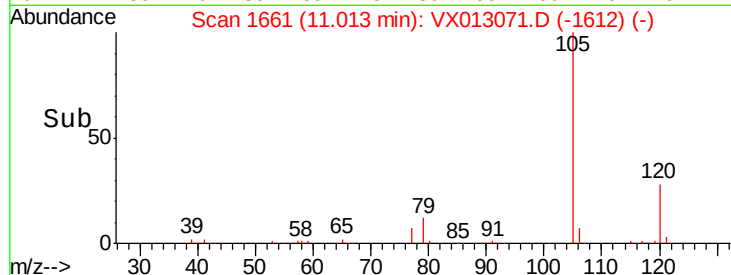
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.674 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Tgt Ion: 43 Resp: 72645

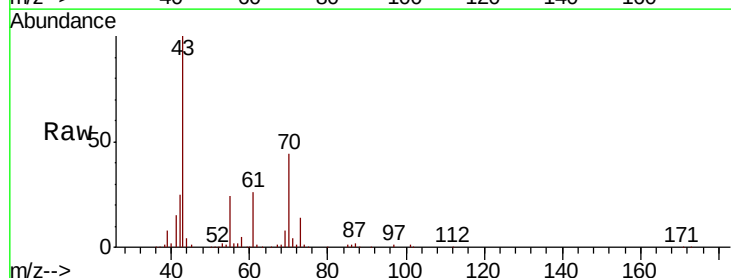
Ion Ratio Lower Upper

43 100

70 45.3 36.4 54.6

55 25.3 20.2 30.2

61 24.9 20.5 30.7



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

10.89

80000

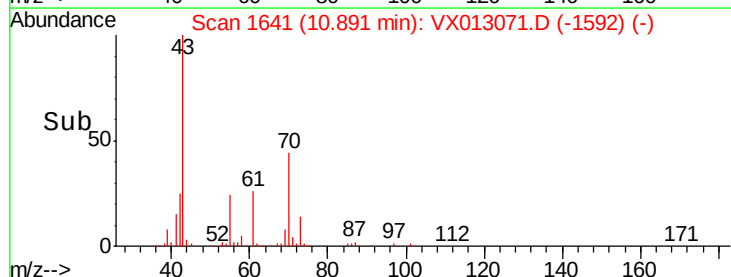
60000

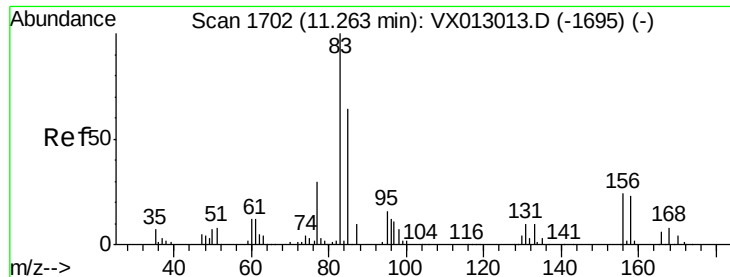
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.068 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

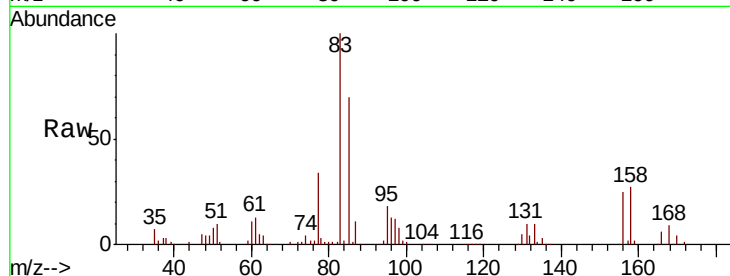
Tot Ion: 83 Resp: 57224

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

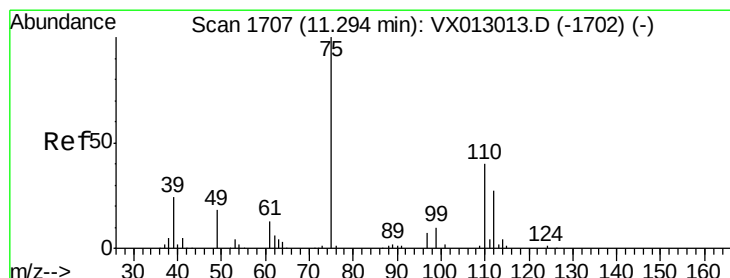
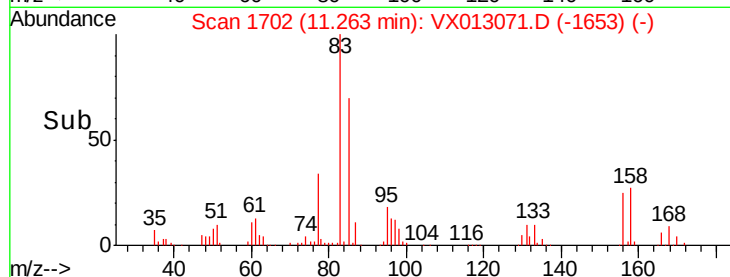
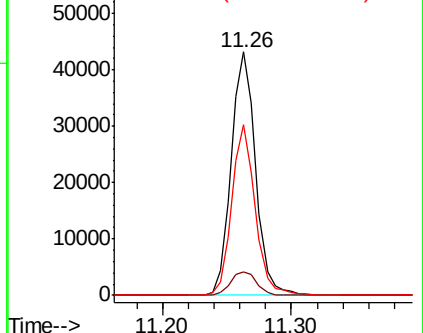
85 67.2 32.1 96.5



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: 25.797 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013071.D

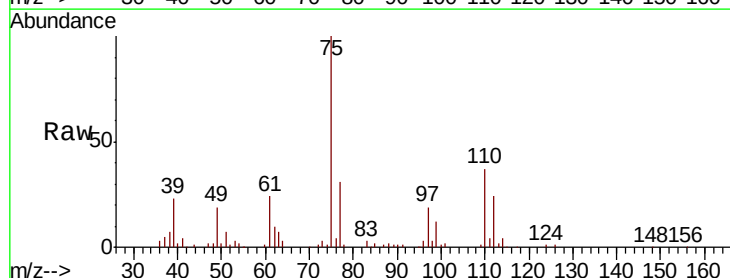
Acq: 15 Oct 2019 12:34

Tgt Ion: 75 Resp: 66723

Ion Ratio Lower Upper

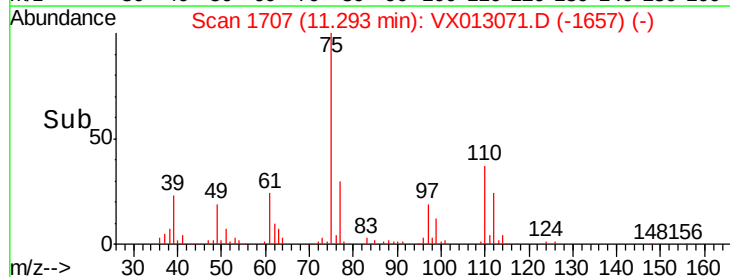
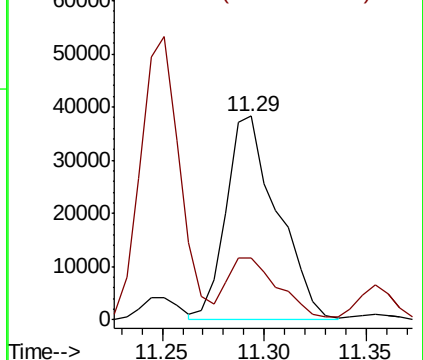
75 100

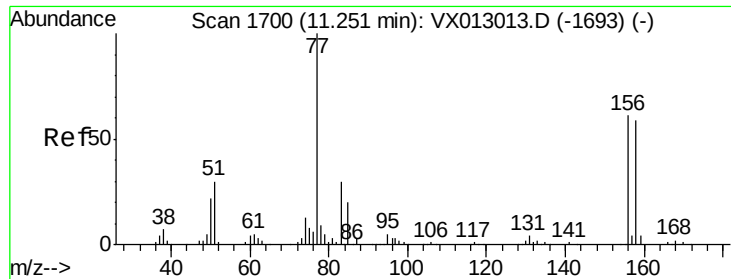
77 30.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.087 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013071.D

Acq: 15 Oct 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

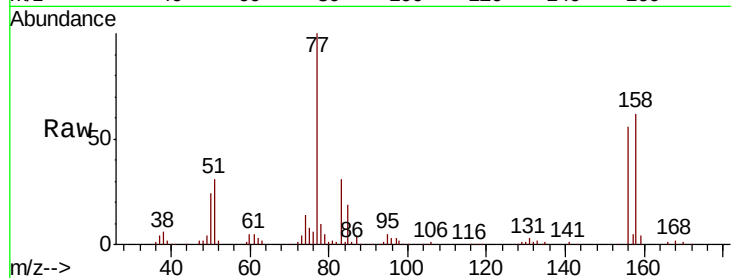
Tot Ion:156 Resp: 40583

Ion Ratio Lower Upper

156 100

77 175.0 83.7 251.0

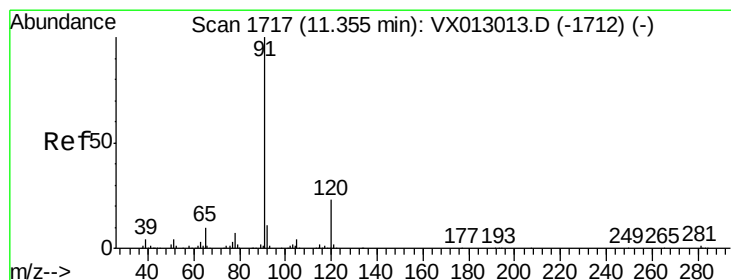
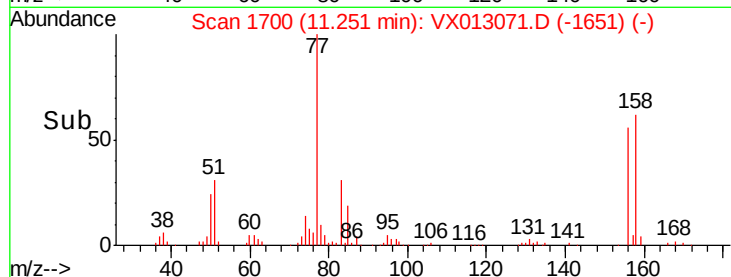
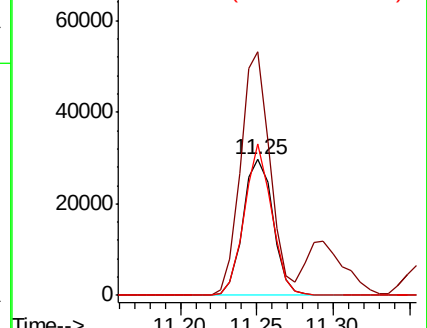
158 101.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.488 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013071.D

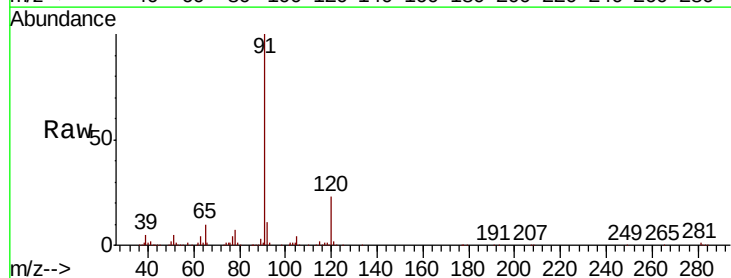
Acq: 15 Oct 2019 12:34

Tgt Ion: 91 Resp: 193283

Ion Ratio Lower Upper

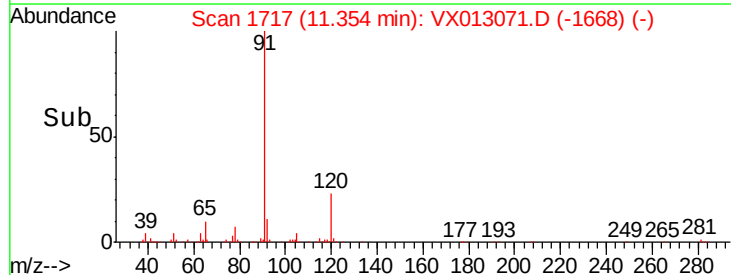
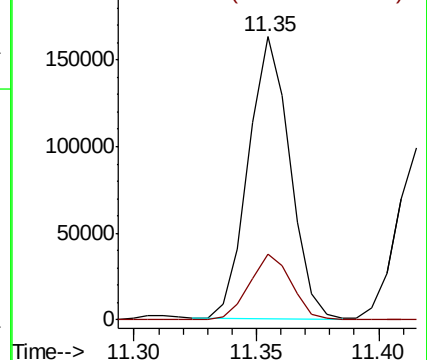
91 100

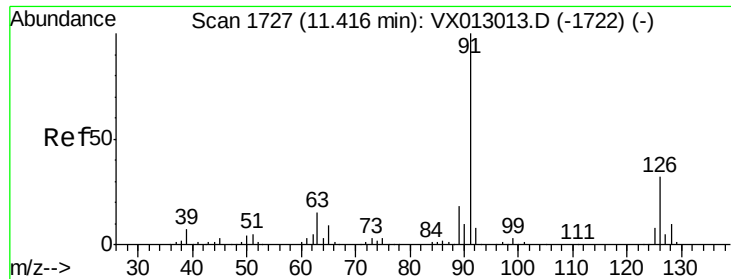
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

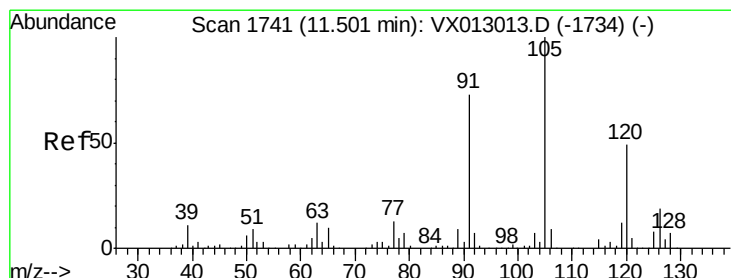
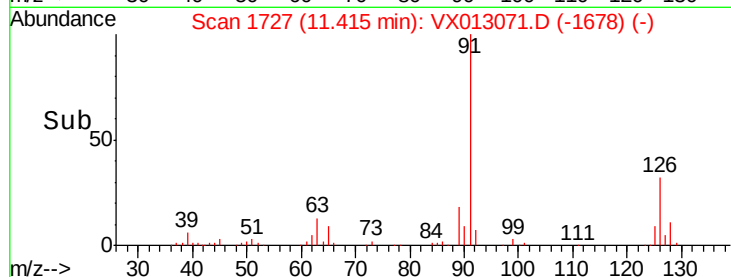
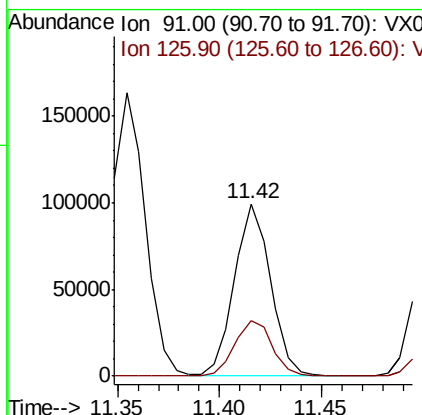
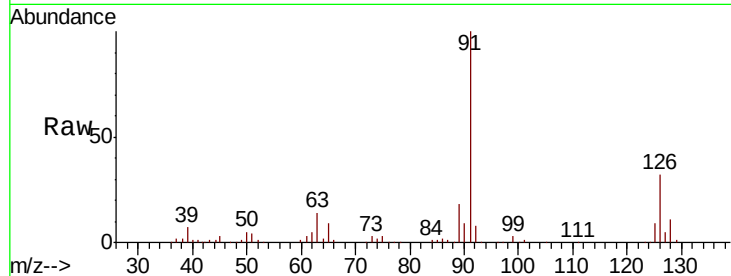




#79
 2-Chlorotoluene
 Concen: 20.375 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

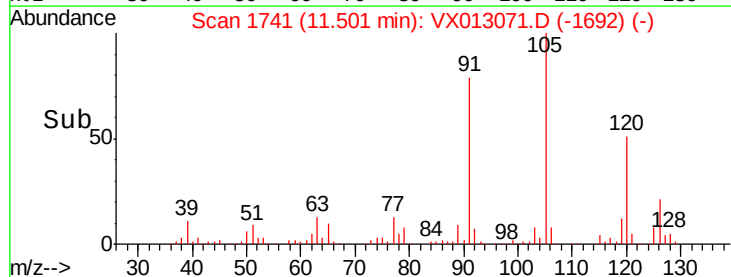
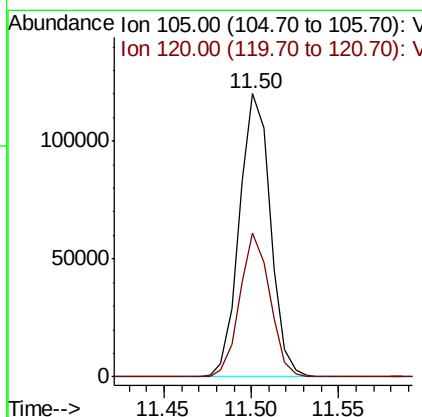
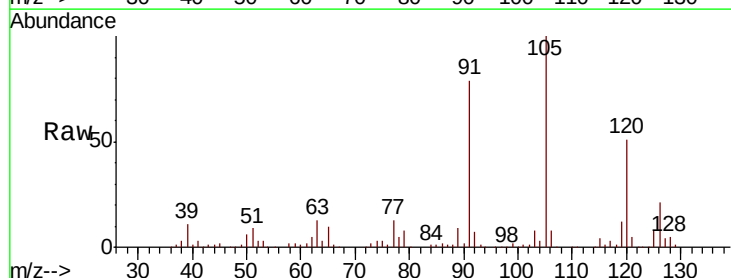
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

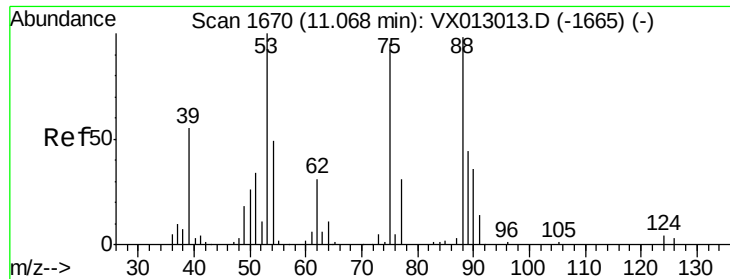
Tot Ion: 91 Resp: 120805
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.733 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 105 Resp: 148423
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.3

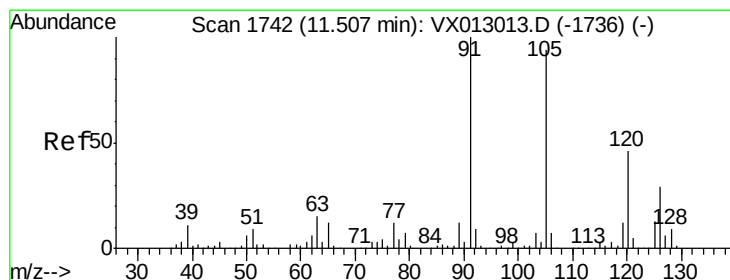
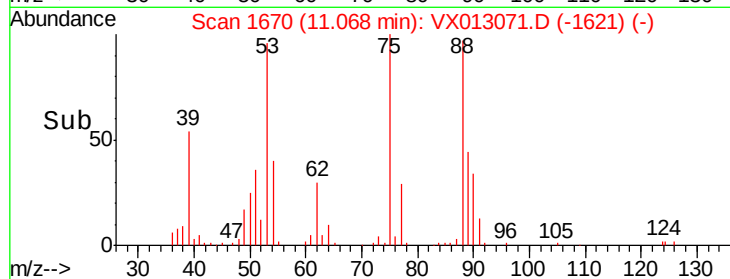
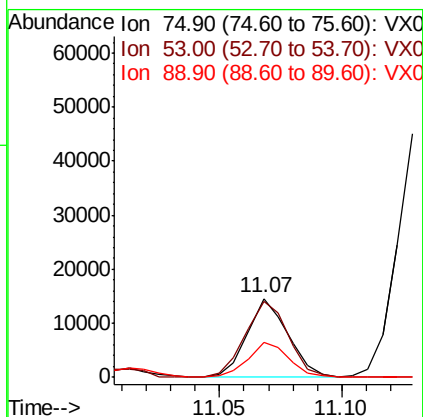
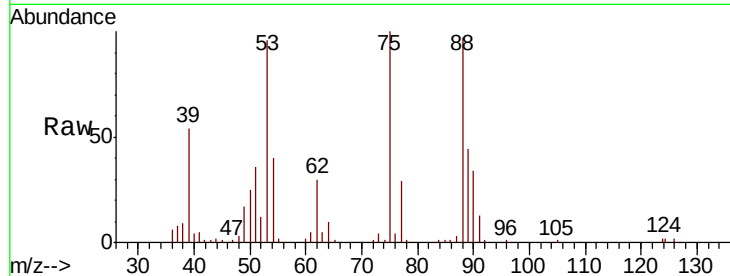




#81
trans-1,4-Dichloro-2-butene
Concen: 19.693 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

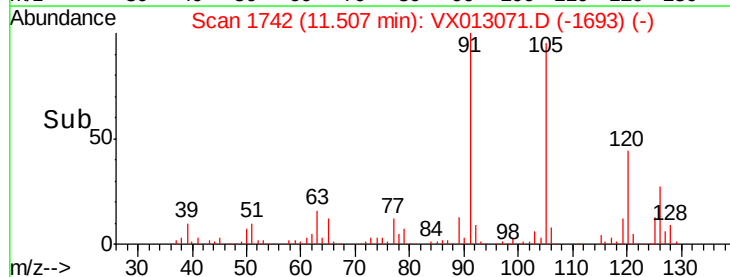
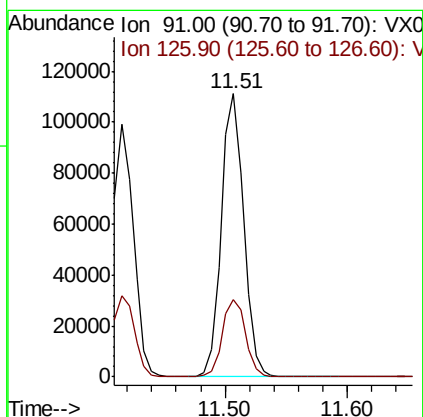
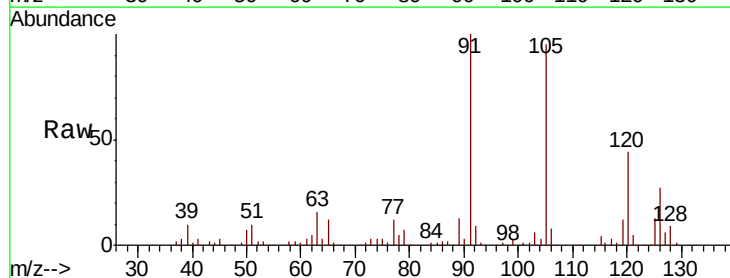
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

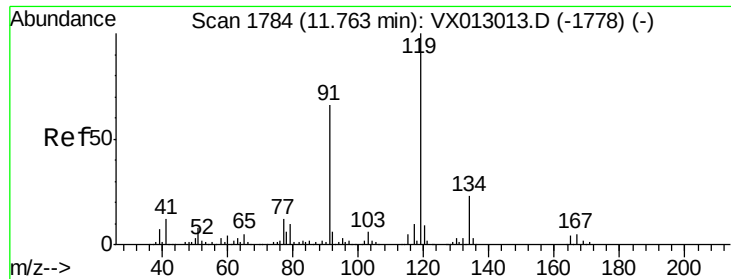
Tot Ion: 75 Resp: 17096
Ion Ratio Lower Upper
75 100
53 102.0 78.5 117.7
89 44.0 37.4 56.2



#82
4-Chlorotoluene
Concen: 20.846 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 91 Resp: 141664
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6

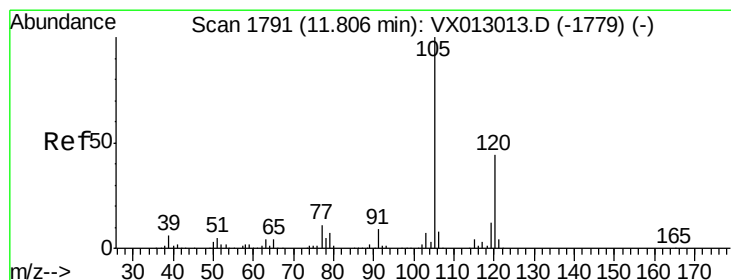
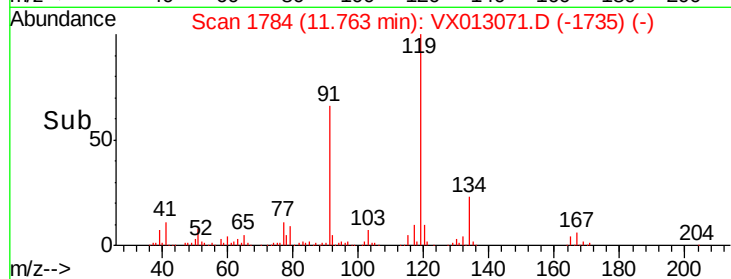
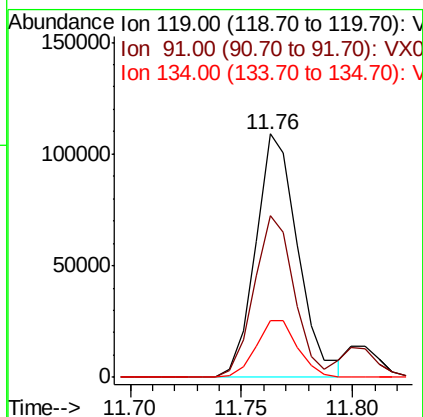
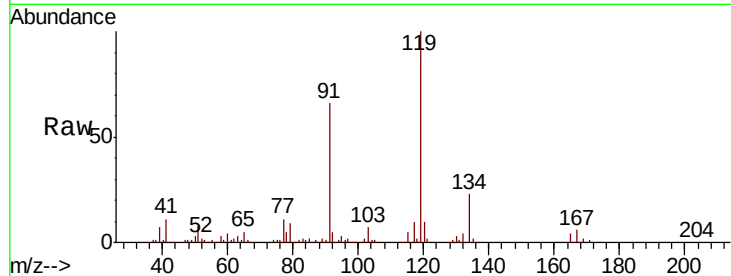




#83
 tert-Butylbenzene
 Concen: 20.571 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

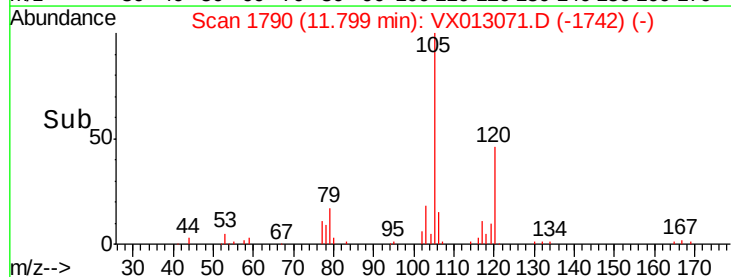
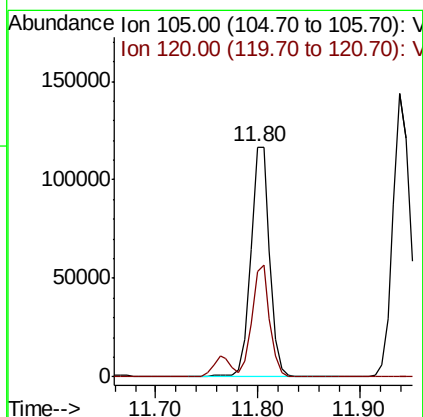
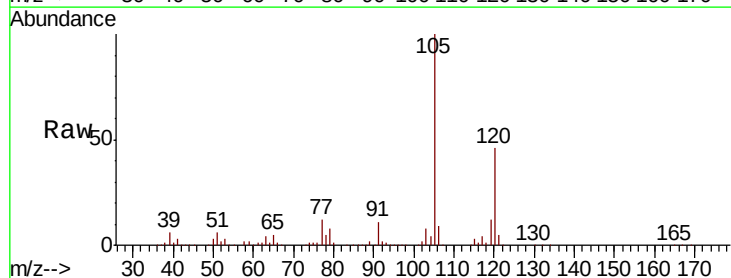
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

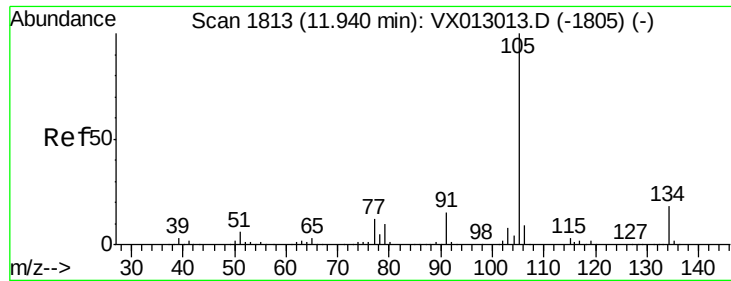
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	29.3	87.9
134	22.9	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.755 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	21.8	65.3

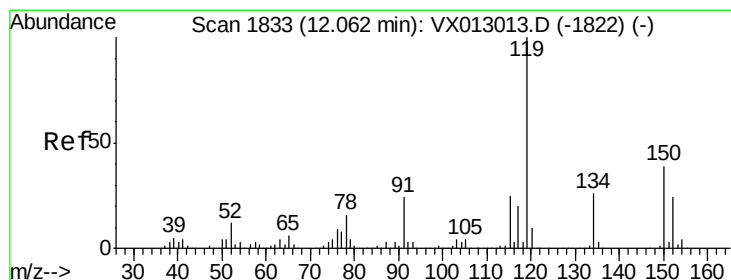
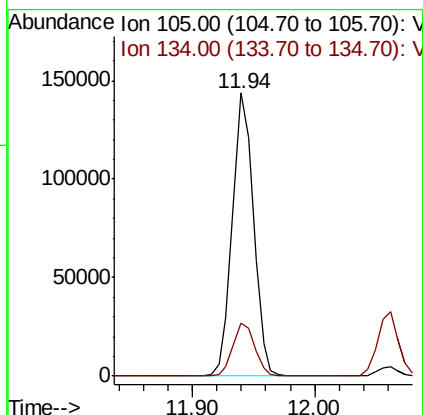
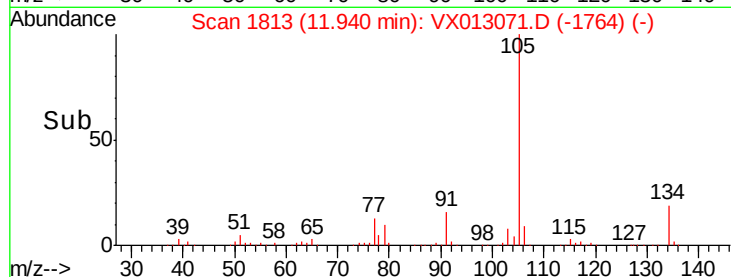
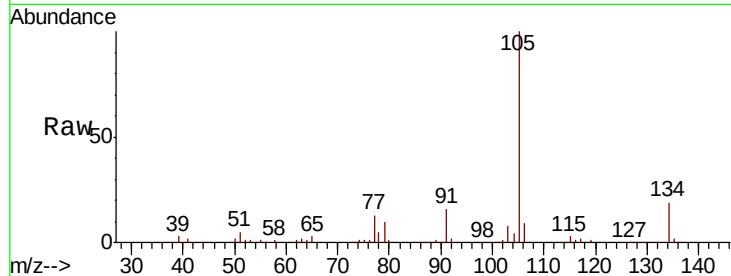




#85
 sec-Butylbenzene
 Concen: 21.148 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

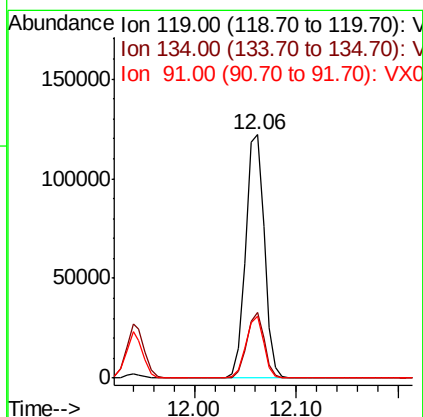
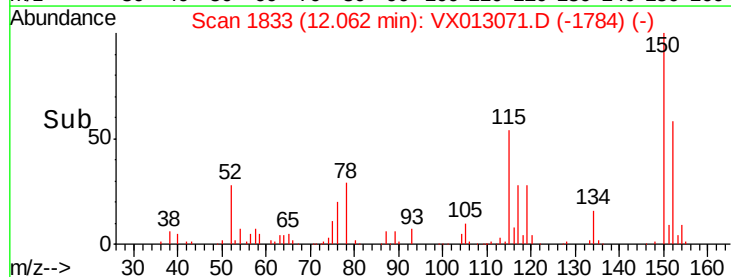
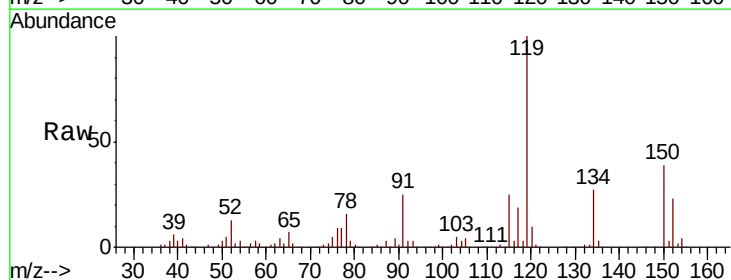
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

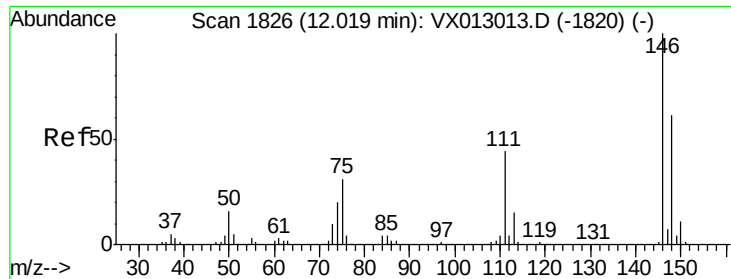
Tot Ion:105 Resp: 171101
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.681 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion:119 Resp: 155179
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.5 12.4 37.4

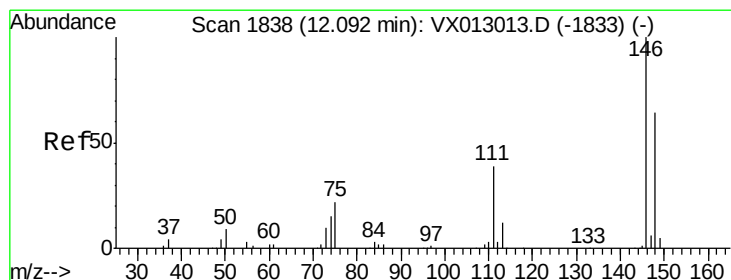
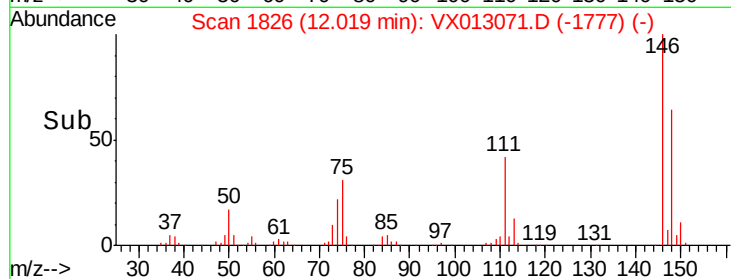
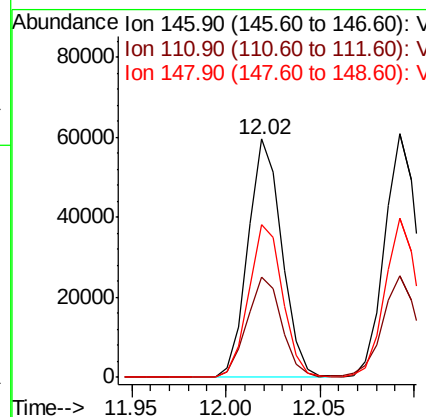
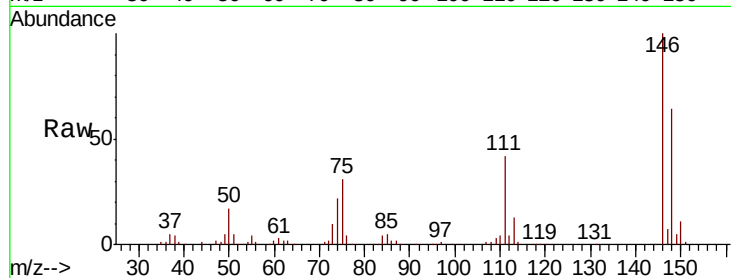




#87
 1,3-Dichlorobenzene
 Concen: 19.813 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

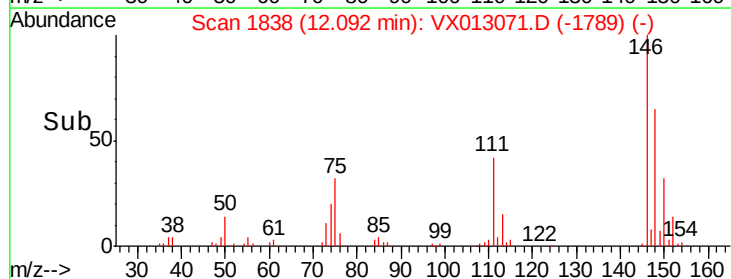
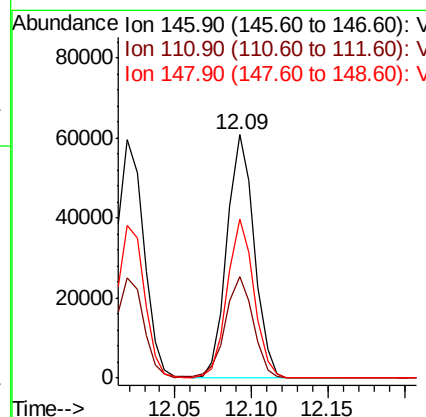
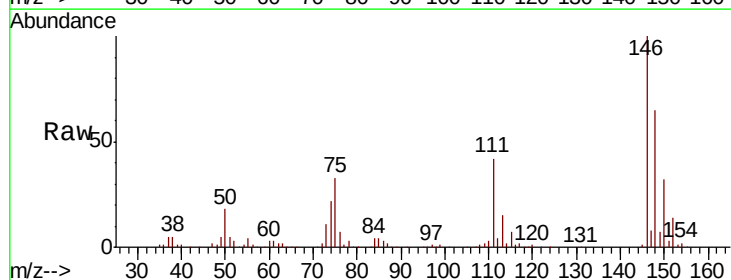
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

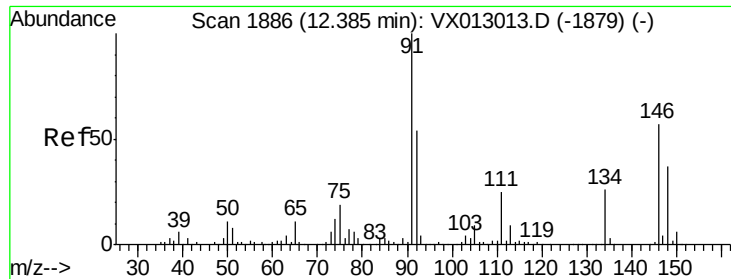
Tot Ion:146 Resp: 74332
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.4
 148 64.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.781 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion:146 Resp: 75163
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.4 64.3
 148 64.2 32.1 96.5

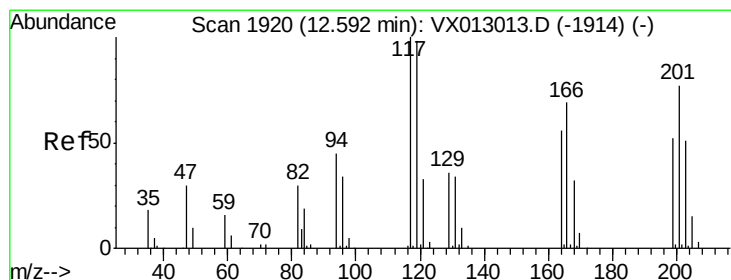
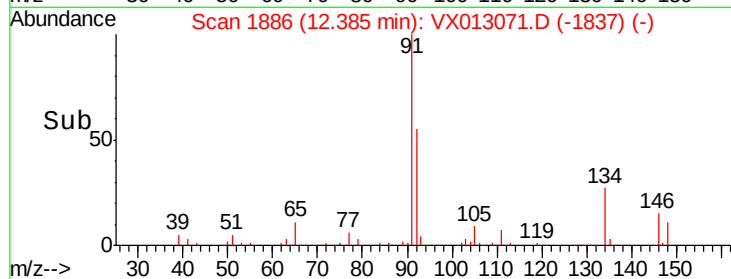
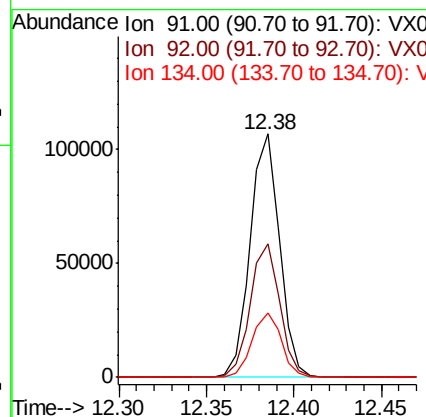
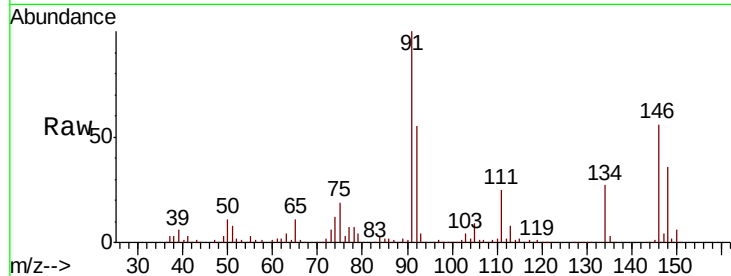




#89
n-Butylbenzene
Concen: 19.918 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

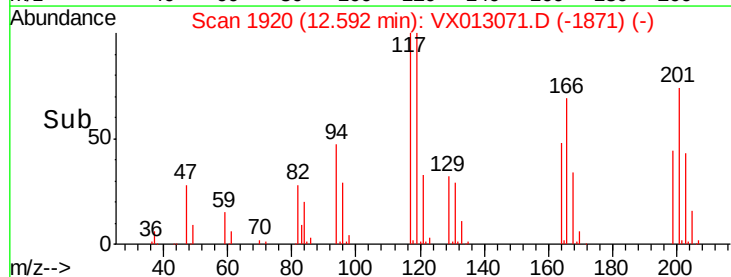
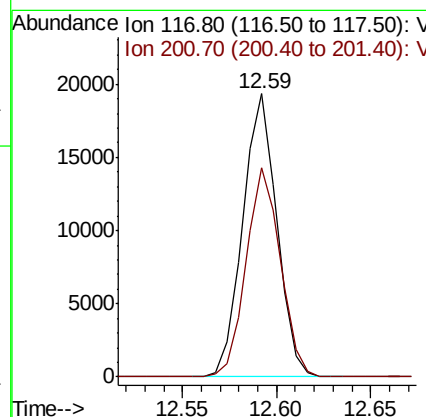
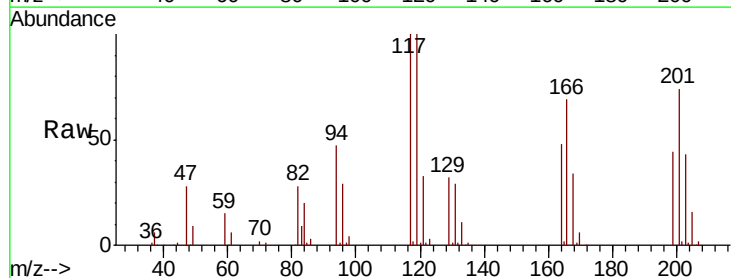
Instrument :
MSVOA_X
ClientSampleID :
VX1015WBSD01

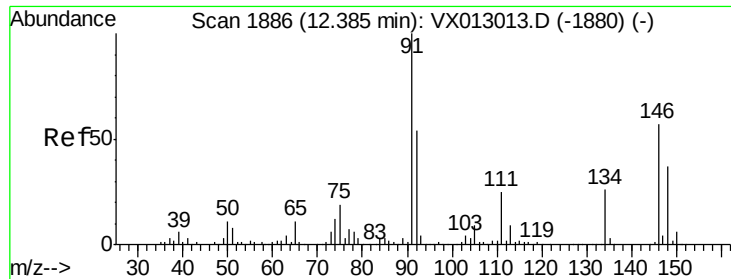
Tot Ion: 91 Resp: 125612
Ion Ratio Lower Upper
91 100
92 55.1 27.5 82.5
134 26.7 12.9 38.7



#90
Hexachloroethane
Concen: 18.811 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion: 117 Resp: 24226
Ion Ratio Lower Upper
117 100
201 74.5 36.9 110.7

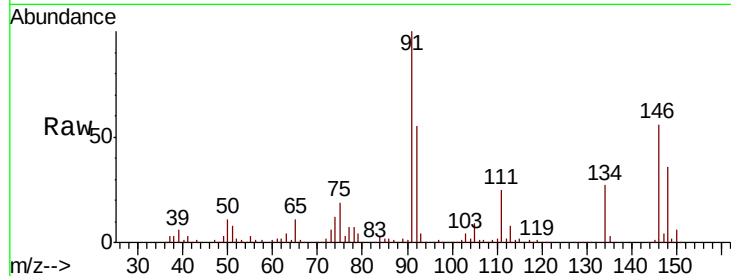




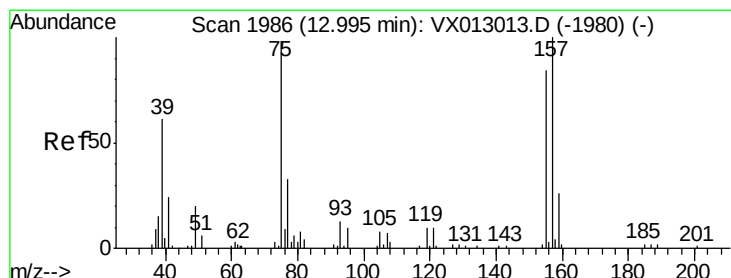
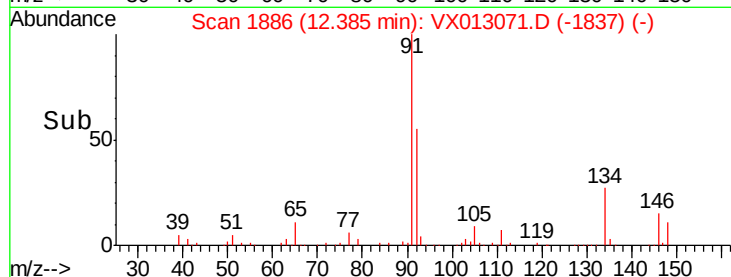
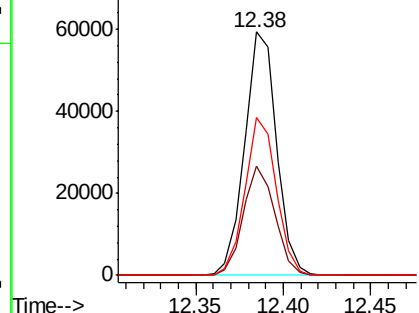
#91
 1,2-Dichlorobenzene
 Concen: 20.477 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion:146 Resp: 75315
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.7 68.0
 148 63.9 31.6 94.7

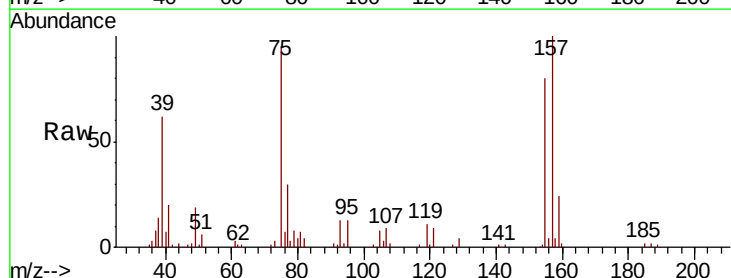


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

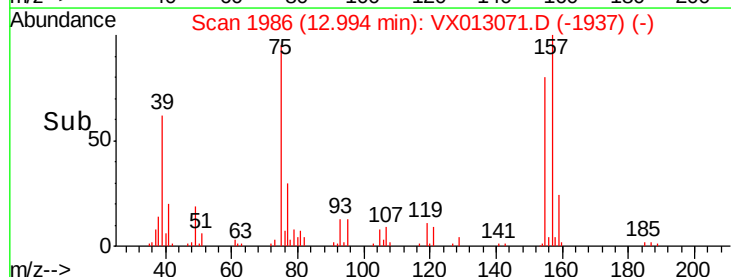
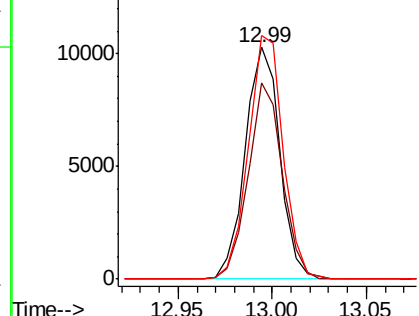


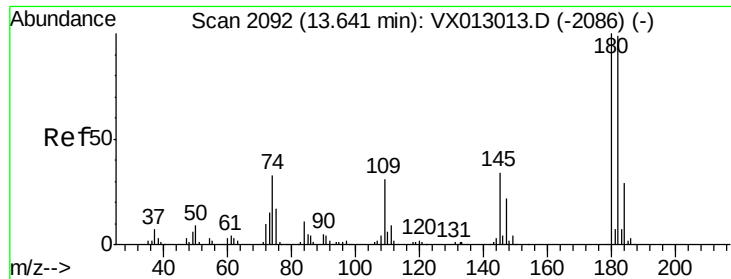
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.576 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion: 75 Resp: 13084
 Ion Ratio Lower Upper
 75 100
 155 83.4 43.0 128.8
 157 105.4 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

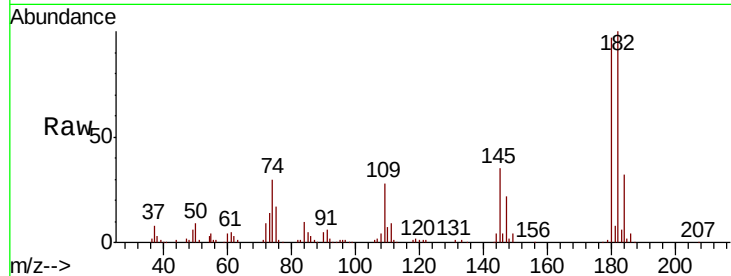




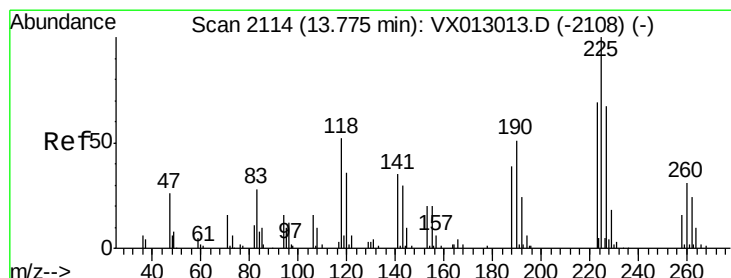
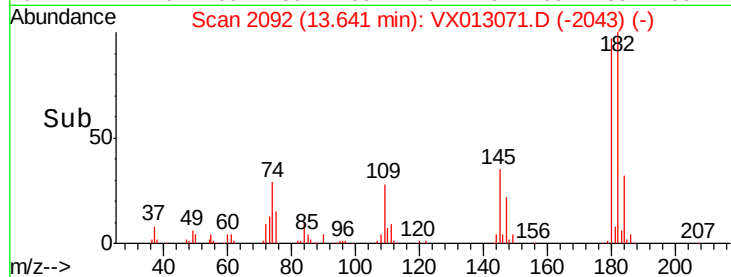
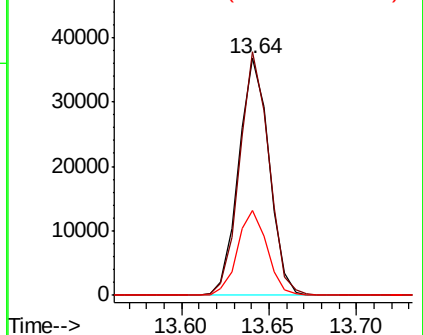
#93
 1,2,4-Trichlorobenzene
 Concen: 19.328 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion:180 Resp: 44532
 Ion Ratio Lower Upper
 180 100
 182 98.5 46.8 140.4
 145 34.8 16.2 48.6

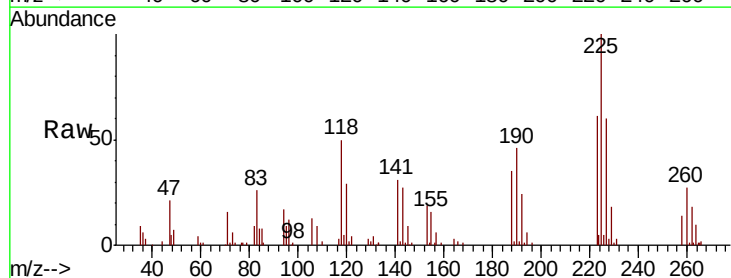


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

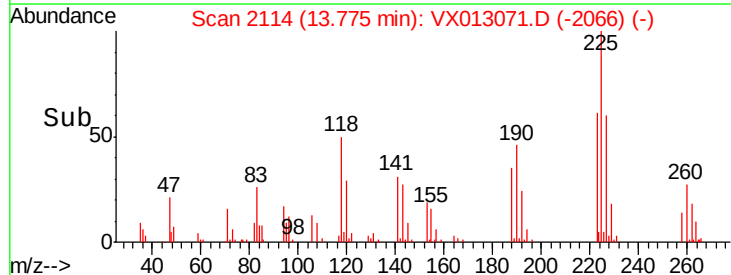
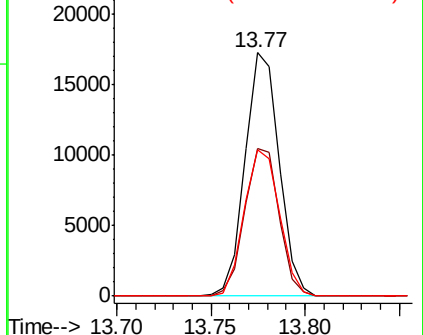


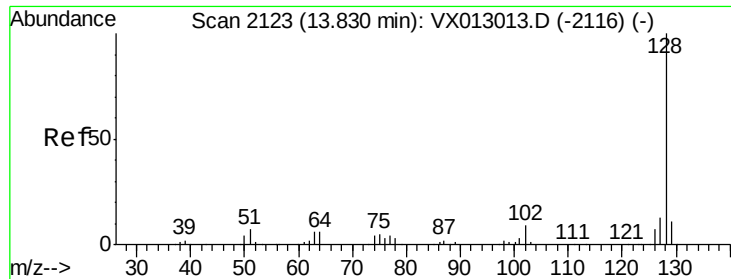
#94
 Hexachlorobutadiene
 Concen: 20.404 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013071.D
 Acq: 15 Oct 2019 12:34

Tgt Ion:225 Resp: 21696
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.2
 227 62.0 32.3 96.9



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

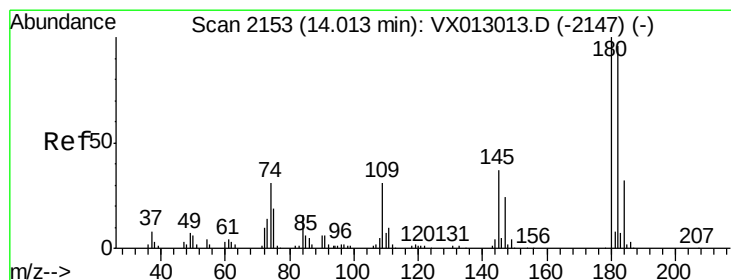
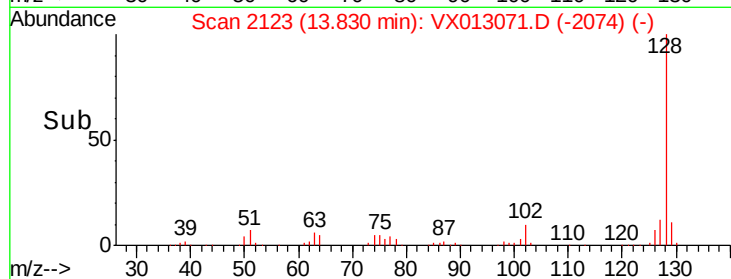
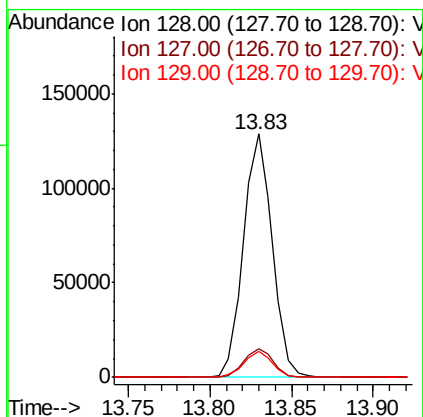
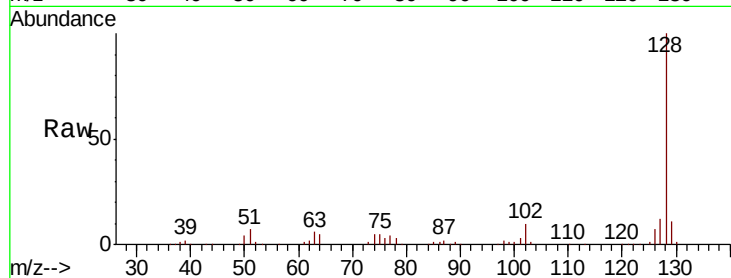




#95
Naphthalene
Concen: 19.807 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion:128 Resp: 158195
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.724 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013071.D
Acq: 15 Oct 2019 12:34

Tgt Ion:180 Resp: 46962
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 34.9 17.4 52.3

