

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102819\NOT REVIEWED DATA\
 Data File : VX013249.D
 Acq On : 28 Oct 2019 15:48
 Operator : JC/SP
 Sample : VX1028WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

Quant Time: Oct 29 19:22:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	78236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	106829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	109638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	76207	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	79493	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	5.48	113	61888	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
50) Toluene-d8	8.71	98	220761	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.14	95	88955	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	28450	18.022	ug/l	99
3) Chloromethane	1.32	50	22360	17.840	ug/l	95
4) Vinyl Chloride	1.40	62	24390	17.168	ug/l	99
5) Bromomethane	1.63	94	15649	20.782	ug/l	98
6) Chloroethane	1.72	64	15952	18.451	ug/l	99
7) Trichlorofluoromethane	1.92	101	44069	19.839	ug/l	98
8) Diethyl Ether	2.17	74	13862	18.029	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26288	18.934	ug/l	99
10) Methyl Iodide	2.50	142	27493	18.145	ug/l	99
11) Tert butyl alcohol	3.03	59	31570	88.244	ug/l	99
12) 1,1-Dichloroethene	2.36	96	23876	17.915	ug/l	91
13) Acrolein	2.28	56	13841	72.094	ug/l	97
14) Allyl chloride	2.72	41	36969	17.620	ug/l	97
15) Acrylonitrile	3.13	53	62012	85.977	ug/l	99
16) Acetone	2.43	43	68969	89.464	ug/l	97
17) Carbon Disulfide	2.56	76	59616	16.638	ug/l	99
18) Methyl Acetate	2.76	43	30191	18.556	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	88155	18.783	ug/l	96
20) Methylene Chloride	2.84	84	27526	19.272	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	26025	19.065	ug/l	91
22) Diisopropyl ether	3.84	45	75038	18.291	ug/l	# 88
23) Vinyl Acetate	3.80	43	317360	91.013	ug/l	98
24) 1,1-Dichloroethane	3.69	63	46076	18.259	ug/l	98
25) 2-Butanone	4.65	43	88255	85.363	ug/l	93
26) 2,2-Dichloropropane	4.57	77	44008	18.870	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	29955	18.352	ug/l	99
28) Bromochloromethane	5.00	49	12634	19.417	ug/l	98
29) Tetrahydrofuran	5.11	42	51819	83.152	ug/l	99
30) Chloroform	5.20	83	52073	19.382	ug/l	95
31) Cyclohexane	5.56	56	38727	18.300	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	46119	19.306	ug/l	97
36) 1,1-Dichloropropene	5.79	75	36109	20.147	ug/l	98
37) Ethyl Acetate	4.82	43	32714	18.376	ug/l	99
38) Carbon Tetrachloride	5.78	117	40022	20.268	ug/l	98

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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	7.45	83	43256	18.914	ug/l	98
40) Benzene	6.13	78	105480	19.658	ug/l	96
41) Methacrylonitrile	5.03	41	18796	19.693	ug/l	98
42) 1,2-Dichloroethane	6.18	62	42721	21.116	ug/l	99
43) Isopropyl Acetate	6.43	43	55873	18.903	ug/l	99
44) Trichloroethene	7.20	130	30474	20.010	ug/l	93
45) 1,2-Dichloropropane	7.51	63	25393	18.894	ug/l	94
46) Dibromomethane	7.65	93	19667	20.311	ug/l	96
47) Bromodichloromethane	7.89	83	37965	20.119	ug/l	99
48) Methyl methacrylate	7.76	41	28084	19.224	ug/l	98
49) 1,4-Dioxane	7.73	88	12513	336.542	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	168025	93.264	ug/l	100
52) Toluene	8.78	92	69326	19.495	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41618	20.755	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	43657	19.902	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	28233	20.081	ug/l	95
56) Ethyl methacrylate	9.17	69	41959	19.829	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46143	19.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	84273	102.066	ug/l	97
59) 2-Hexanone	9.48	43	129072	93.007	ug/l	99
60) Dibromochloromethane	9.57	129	30342	20.596	ug/l	99
61) 1,2-Dibromoethane	9.67	107	30147	20.198	ug/l	98
64) Tetrachloroethene	9.33	164	30511	21.454	ug/l	94
65) Chlorobenzene	10.14	112	74739	19.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	29553	20.844	ug/l	96
67) Ethyl Benzene	10.25	91	132893	19.342	ug/l	97
68) m/p-Xylenes	10.35	106	101568	39.116	ug/l	99
69) o-Xylene	10.70	106	48057	19.293	ug/l	96
70) Styrene	10.71	104	83469	19.461	ug/l	99
71) Bromoform	10.85	173	21321	20.581	ug/l #	98
73) Isopropylbenzene	11.01	105	134348	19.414	ug/l	99
74) N-amyl acetate	10.89	43	45365	17.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	38804	18.467	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	47063	25.623	ug/l	91
77) Bromobenzene	11.25	156	30854	18.602	ug/l	97
78) n-propylbenzene	11.35	91	143195	19.049	ug/l	100
79) 2-Chlorotoluene	11.42	91	88434	18.619	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	108410	18.847	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	12431	18.598	ug/l	96
82) 4-Chlorotoluene	11.51	91	108674	20.194	ug/l	97
83) tert-Butylbenzene	11.76	119	107220	18.840	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	116125	20.015	ug/l	98
85) sec-Butylbenzene	11.94	105	126568	19.543	ug/l	100
86) p-Isopropyltoluene	12.06	119	122214	20.087	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	56979	19.016	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	57927	18.988	ug/l	98
89) n-Butylbenzene	12.39	91	91302	18.344	ug/l	97
90) Hexachloroethane	12.59	117	19019	18.666	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	52241	17.730	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9645	18.458	ug/l	98

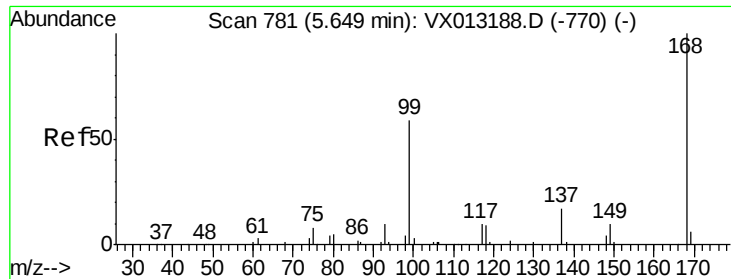
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102819\NOT REVIEWED DATA\
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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	34439	18.562	ug/l	94
94) Hexachlorobutadiene	13.78	225	18373	19.143	ug/l	96
95) Naphthalene	13.83	128	106248	18.658	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	35765	19.507	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampled :

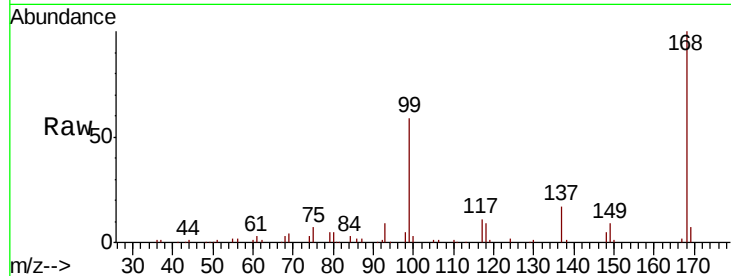
VX1028WBSD01

Tot Ion:168 Resp: 78236

Ion Ratio Lower Upper

168 100

99 59.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

25000

20000

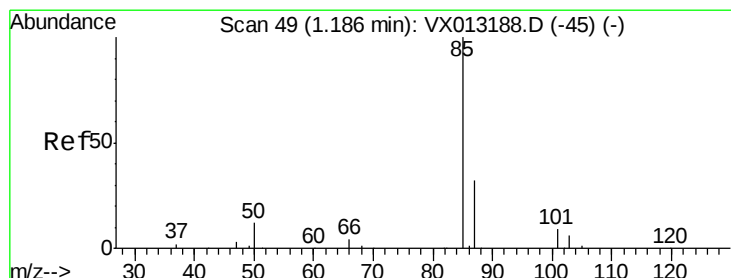
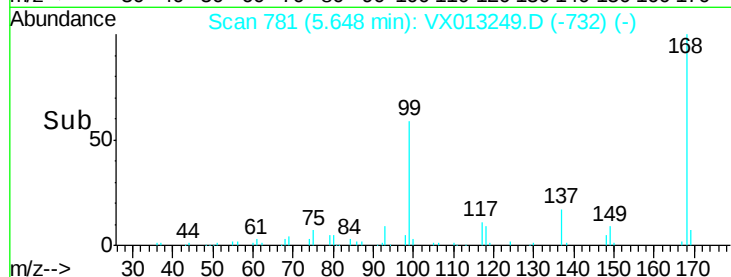
15000

10000

5000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.022 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013249.D

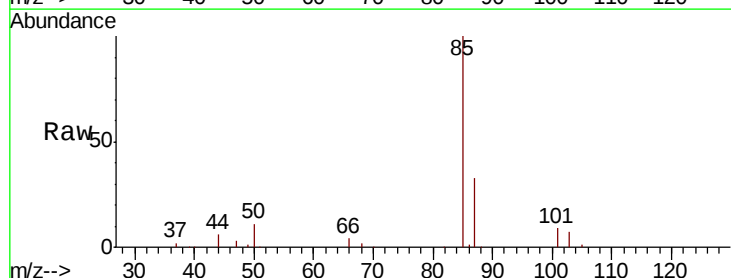
Acq: 28 Oct 2019 15:48

Tgt Ion: 85 Resp: 28450

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

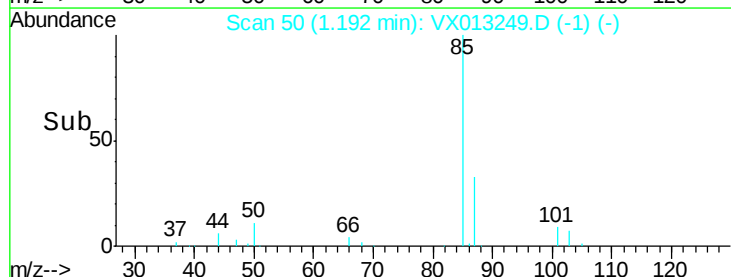
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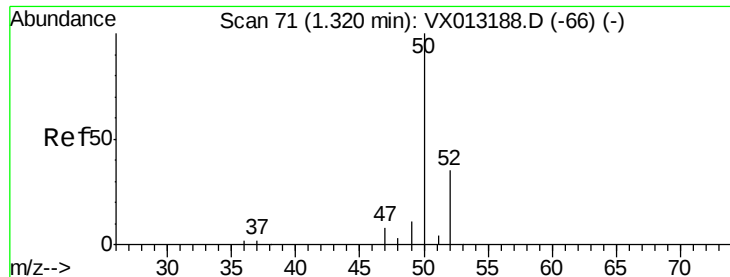
10000

5000

0

Time-->





#3

Chloromethane

Concen: 17.840 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

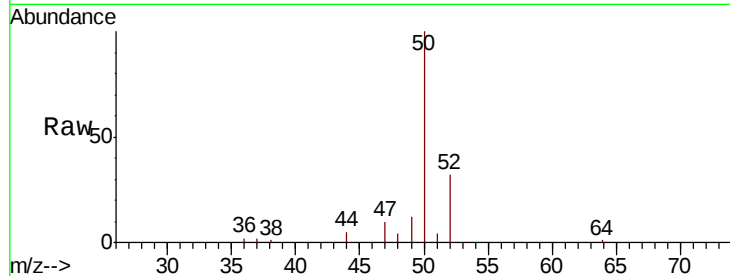
VX1028WBSD01

Tot Ion: 50 Resp: 22360

Ion Ratio Lower Upper

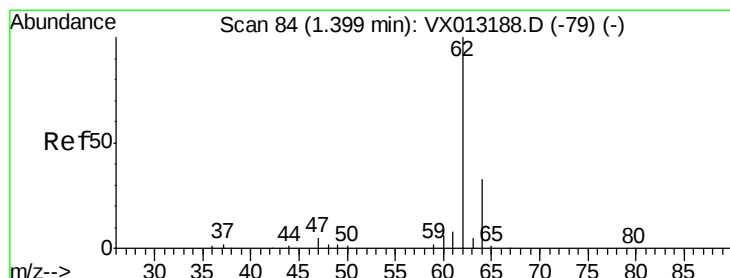
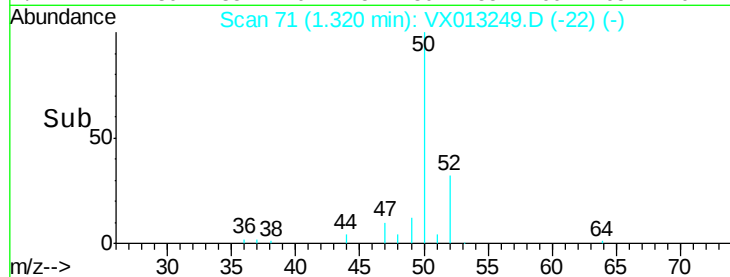
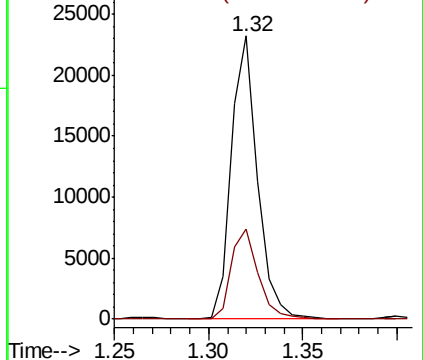
50 100

52 31.9 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.168 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013249.D

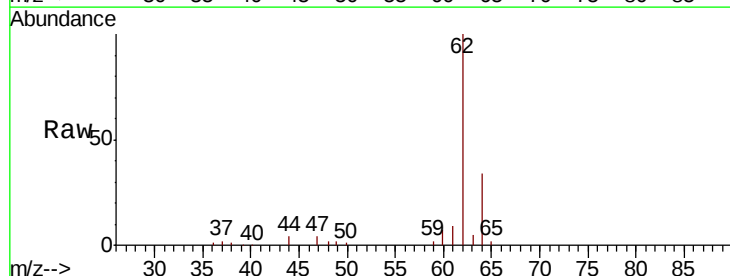
Acq: 28 Oct 2019 15:48

Tgt Ion: 62 Resp: 24390

Ion Ratio Lower Upper

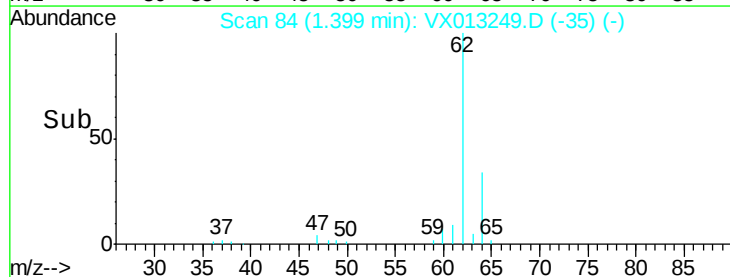
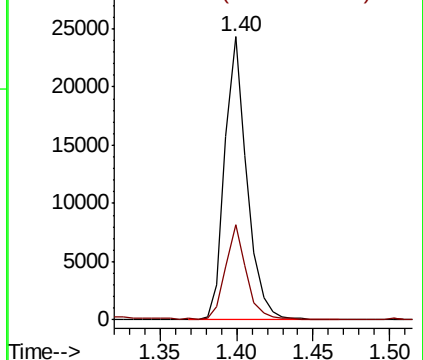
62 100

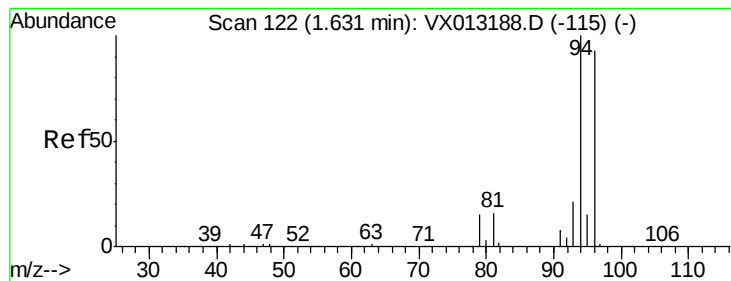
64 33.4 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.782 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

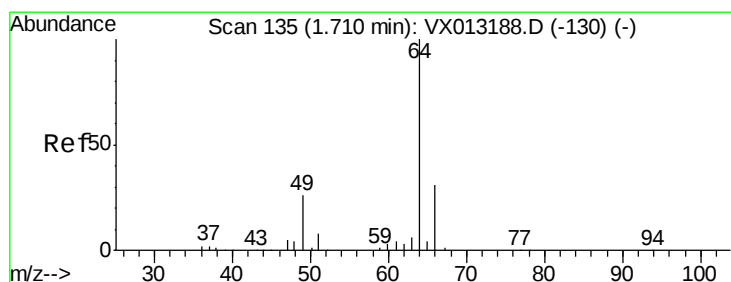
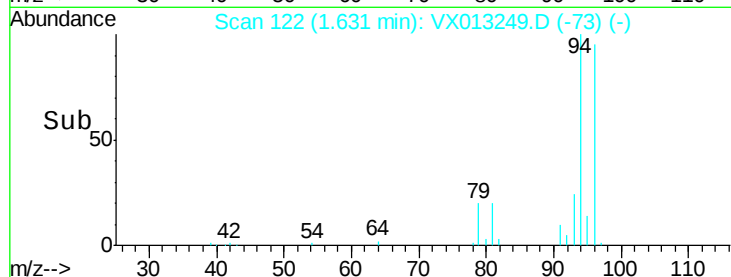
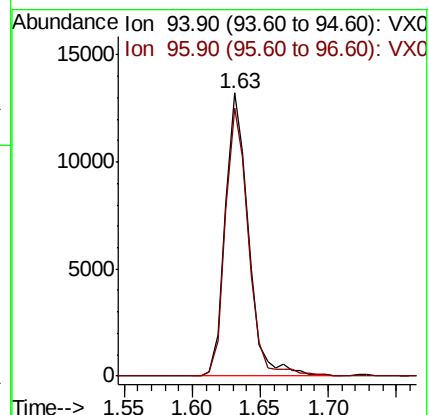
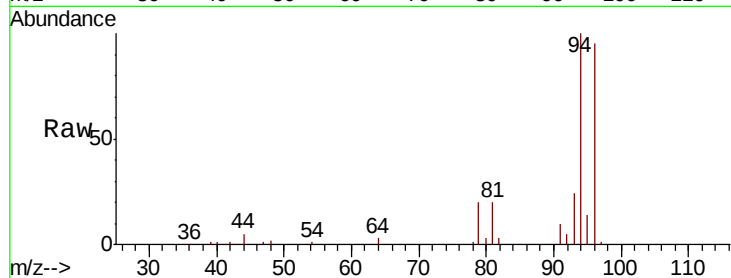
VX1028WBSD01

Tot Ion: 94 Resp: 15649

Ion Ratio Lower Upper

94 100

96 94.9 74.2 111.2



#6

Chloroethane

Concen: 18.451 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013249.D

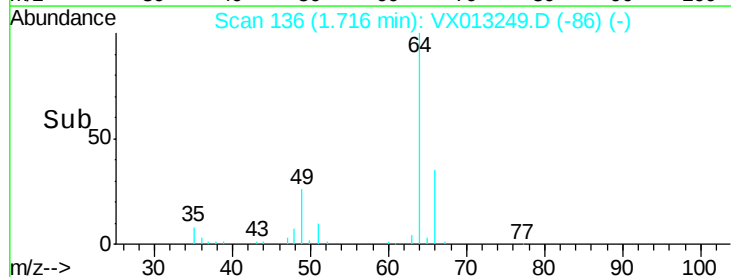
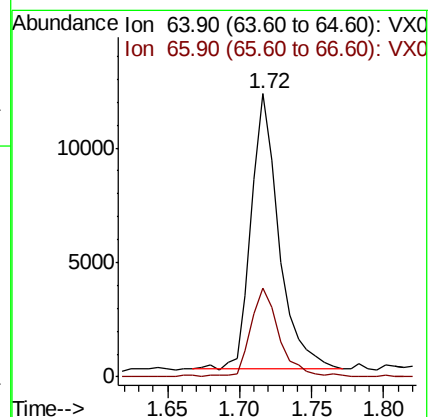
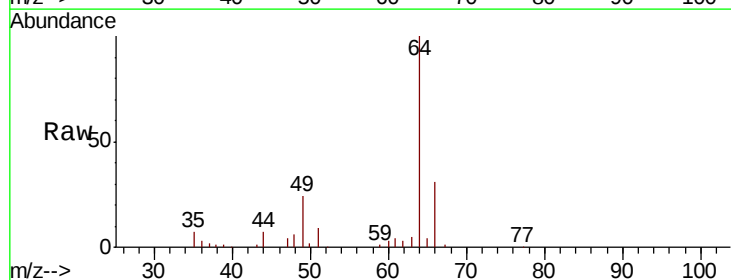
Acq: 28 Oct 2019 15:48

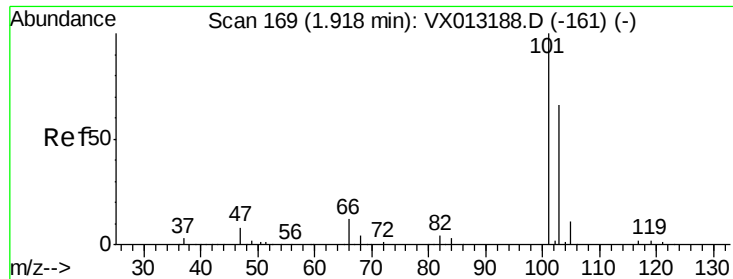
Tgt Ion: 64 Resp: 15952

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.6



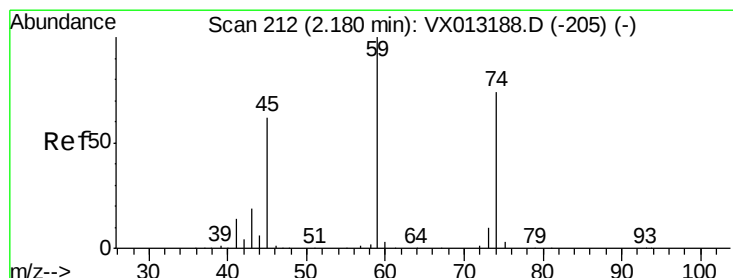
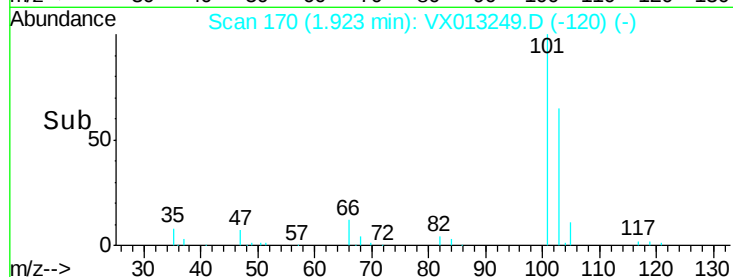
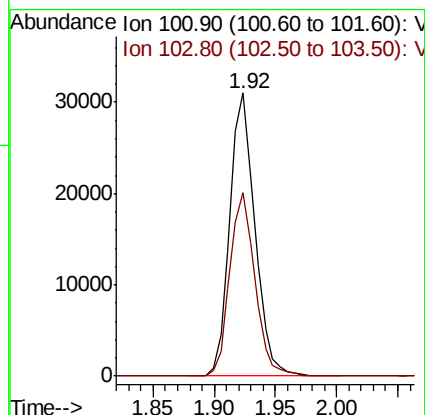
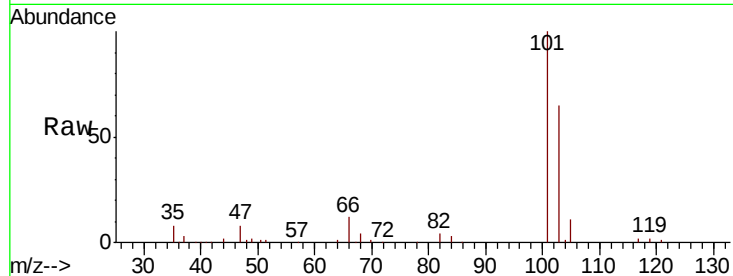


#7

Trichlorofluoromethane
 Concen: 19.839 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

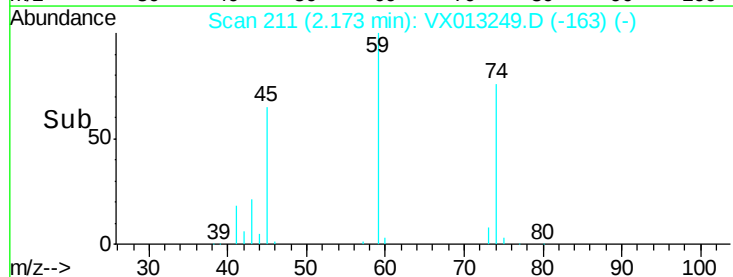
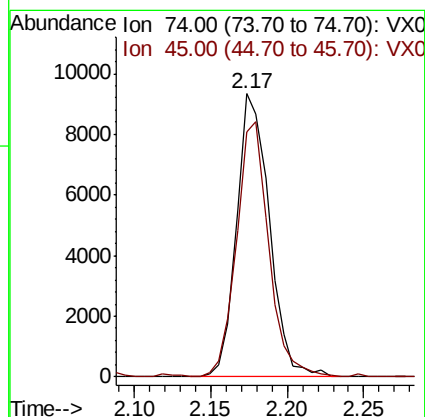
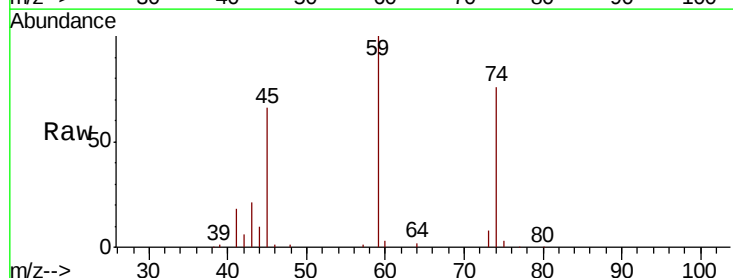
Tot Ion:101 Resp: 44069
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.0 79.6

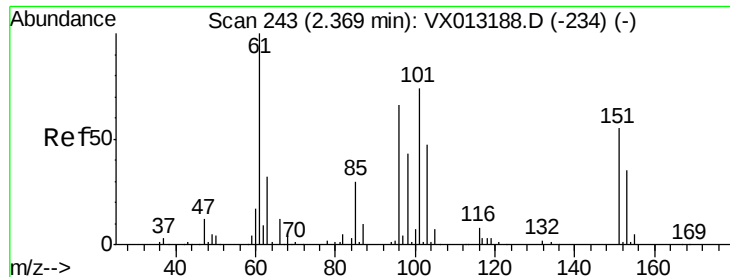


#8

Diethyl Ether
 Concen: 18.029 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion: 74 Resp: 13862
 Ion Ratio Lower Upper
 74 100
 45 89.0 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.934 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

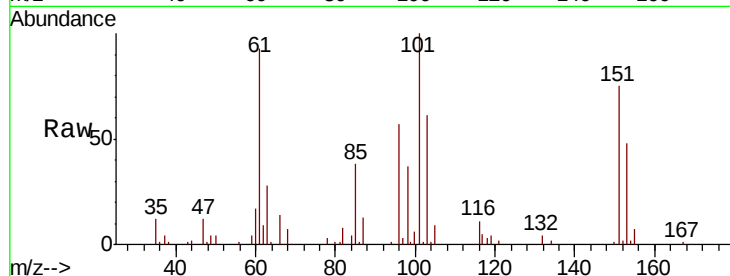
Tot Ion:101 Resp: 26288

Ion Ratio Lower Upper

101 100

85 42.3 34.0 51.0

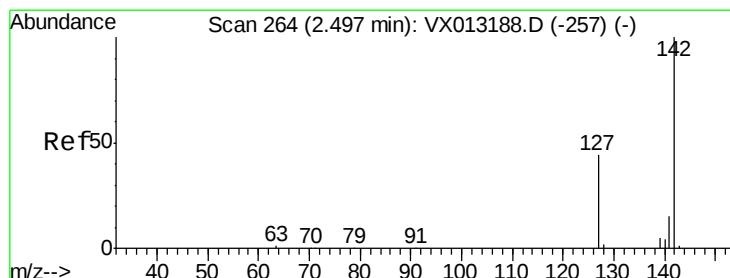
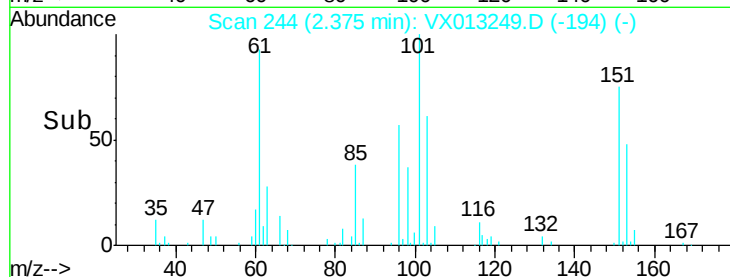
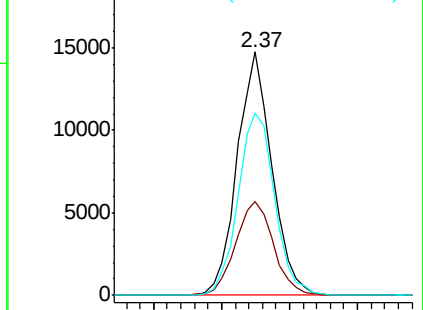
151 79.3 62.0 93.0



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: 18.145 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

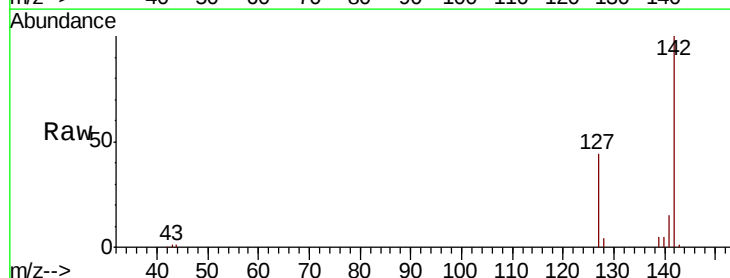
Tgt Ion:142 Resp: 27493

Ion Ratio Lower Upper

142 100

127 45.3 35.6 53.4

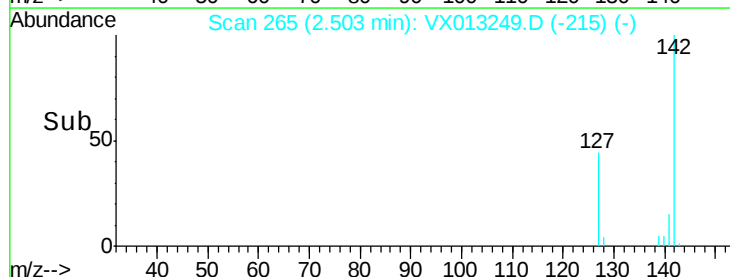
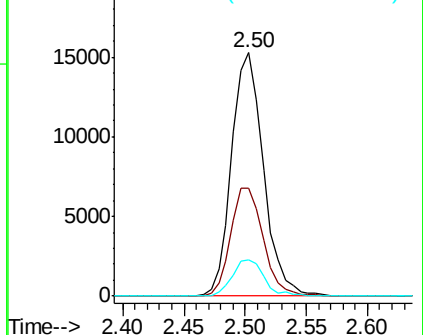
141 14.7 11.6 17.4

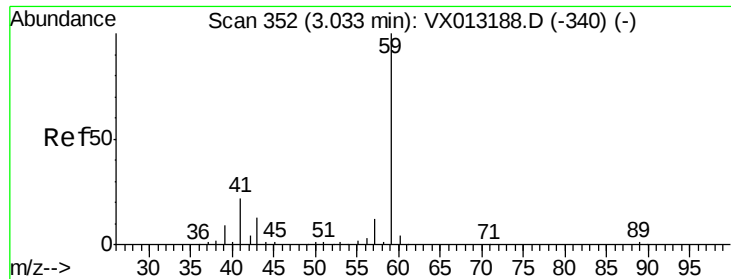


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

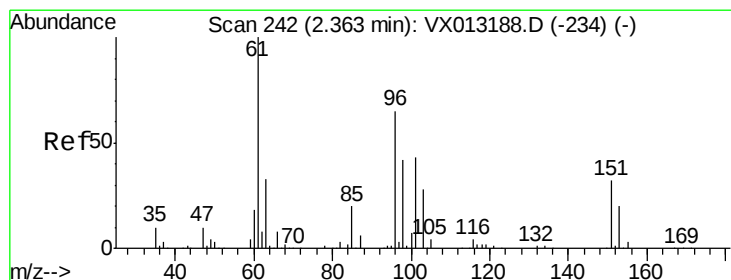
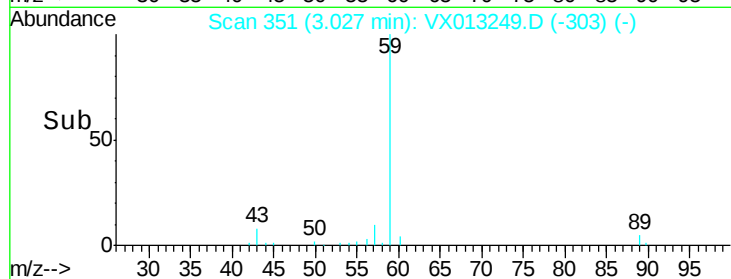
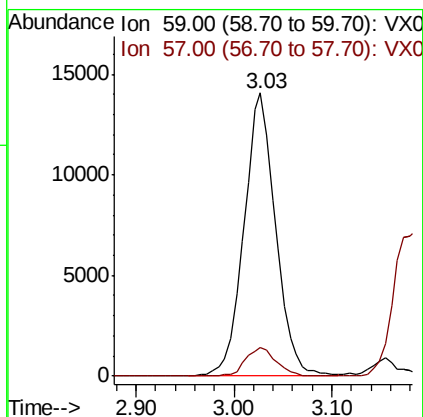
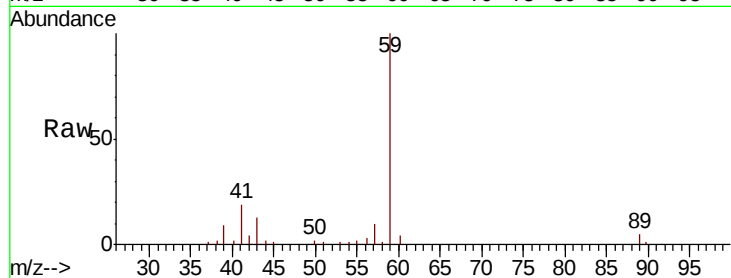




#11
Tert butyl alcohol
Concen: 88.244 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

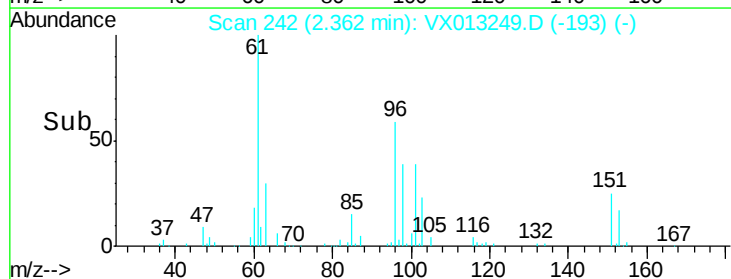
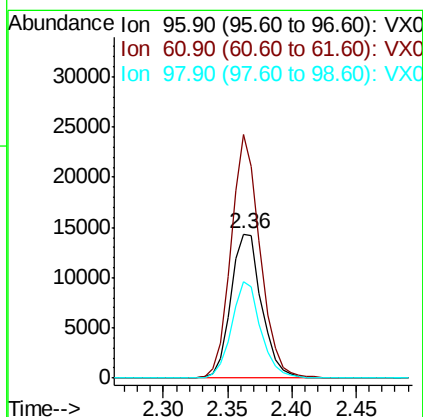
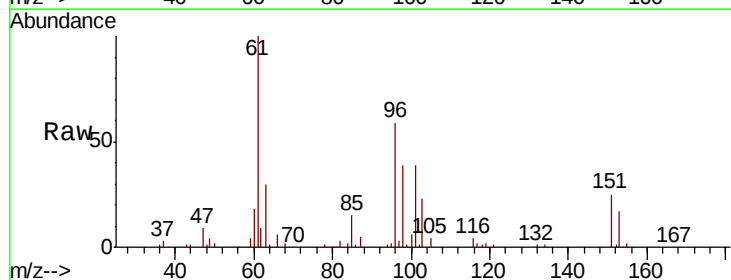
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

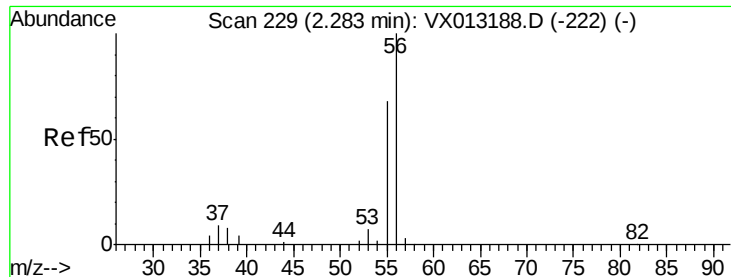
Tot Ion: 59 Resp: 31570
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.915 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 96 Resp: 23876
Ion Ratio Lower Upper
96 100
61 169.2 123.8 185.8
98 66.6 51.6 77.4





#13

Acrolein

Concen: 72.094 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

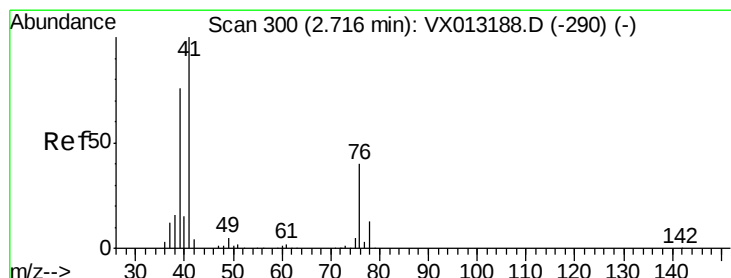
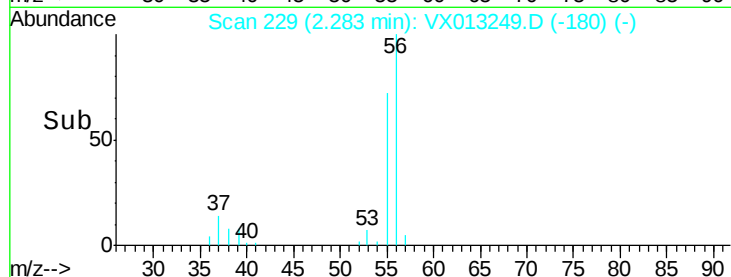
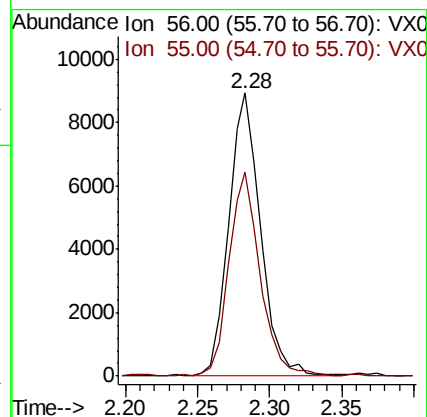
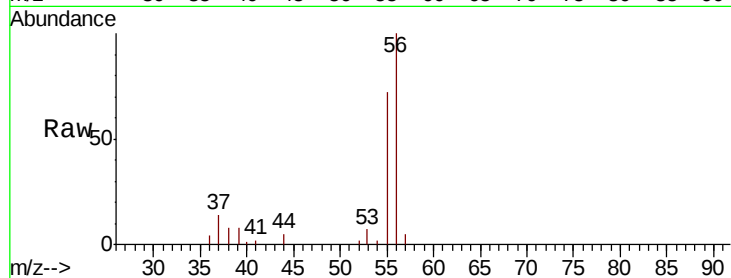
VX1028WBSD01

Tot Ion: 56 Resp: 13841

Ion Ratio Lower Upper

56 100

55 71.0 58.9 88.3



#14

Allyl chloride

Concen: 17.620 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

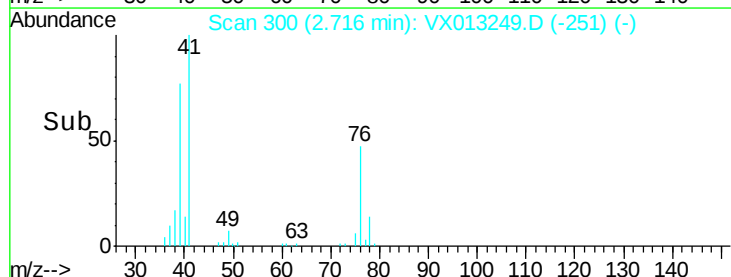
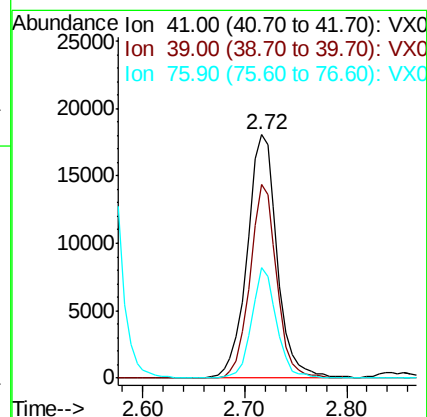
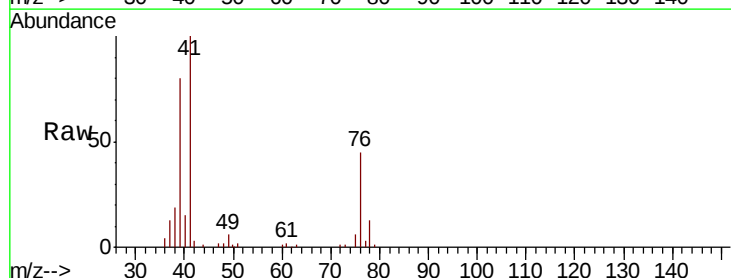
Tgt Ion: 41 Resp: 36969

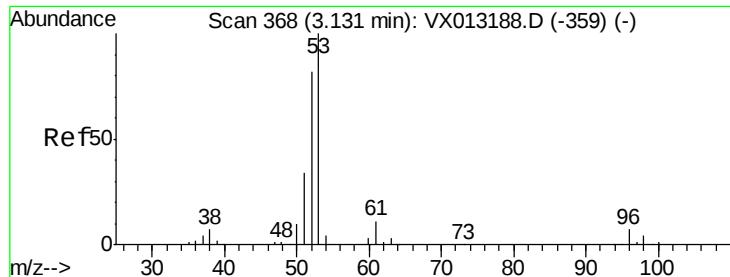
Ion Ratio Lower Upper

41 100

39 71.0 54.6 81.8

76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 85.977 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

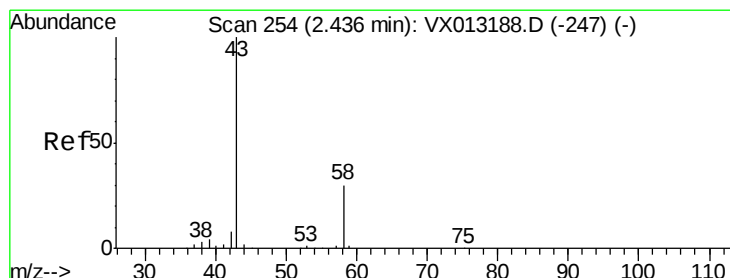
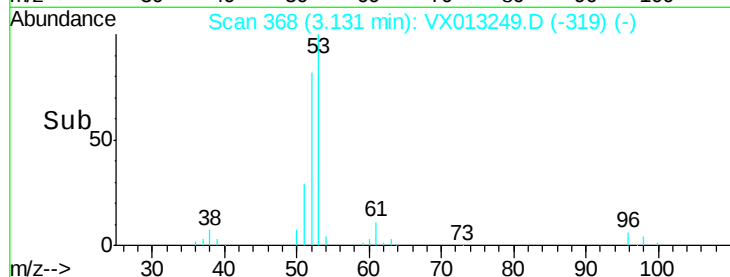
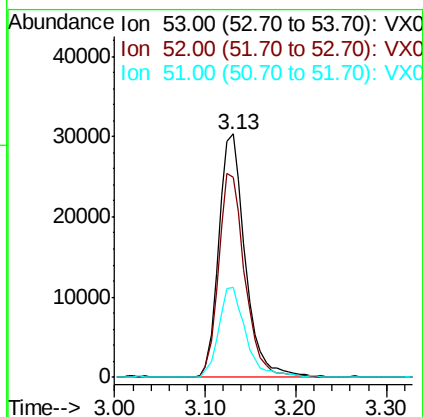
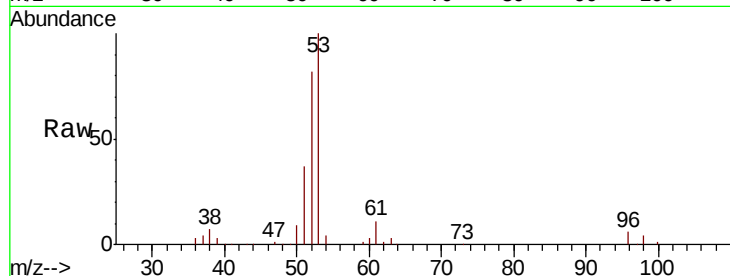
Tot Ion: 53 Resp: 62012

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

51 37.9 29.4 44.2



#16

Acetone

Concen: 89.464 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013249.D

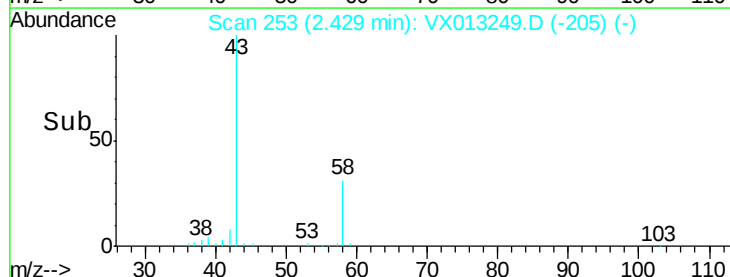
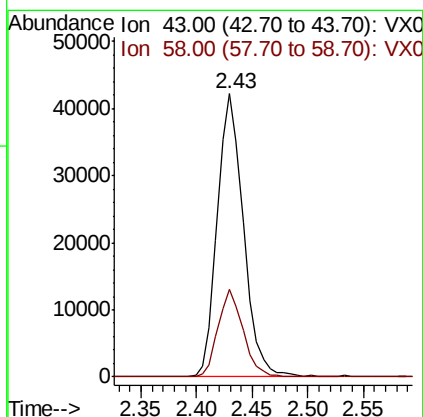
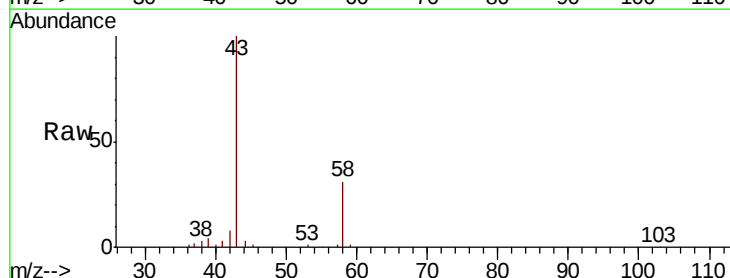
Acq: 28 Oct 2019 15:48

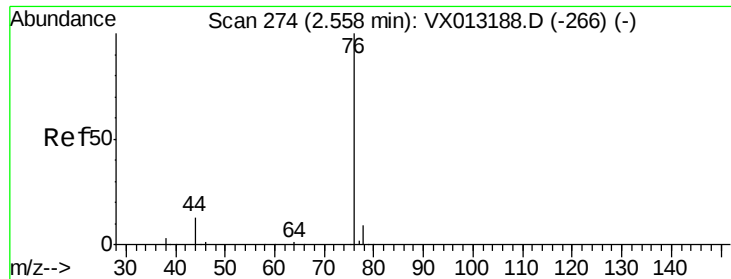
Tgt Ion: 43 Resp: 68969

Ion Ratio Lower Upper

43 100

58 31.1 23.8 35.6

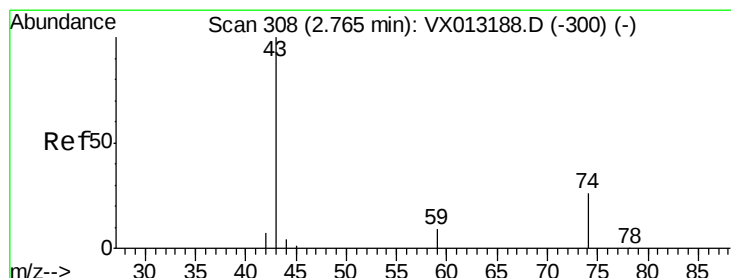
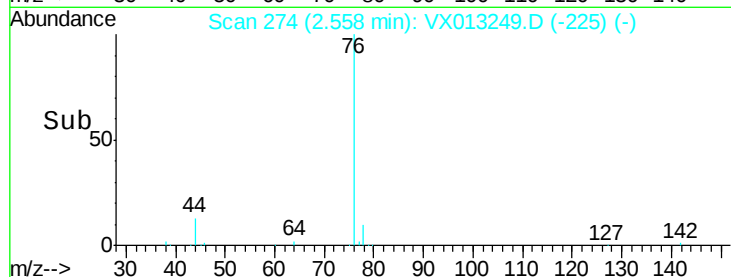
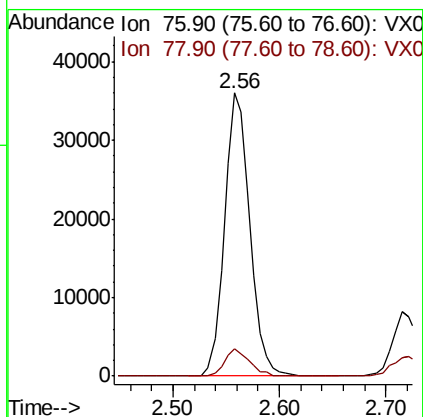
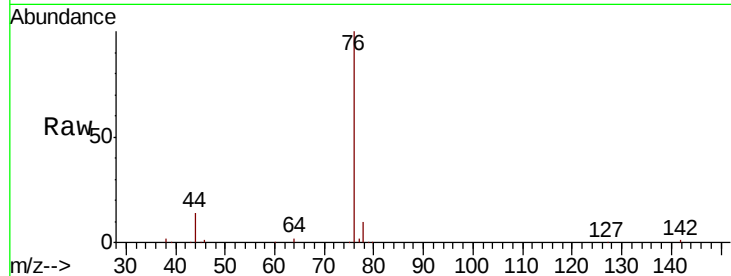




#17
Carbon Disulfide
Concen: 16.638 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

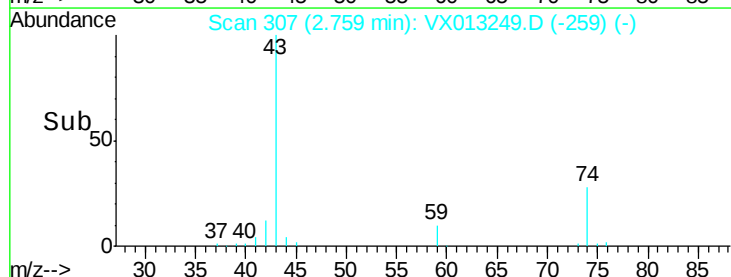
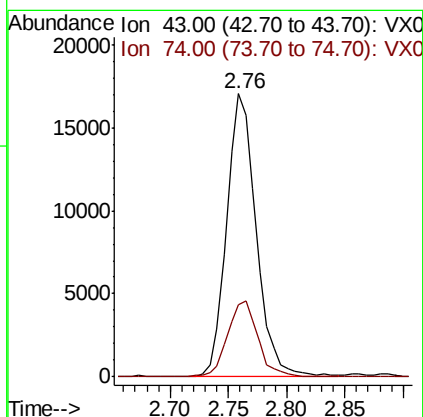
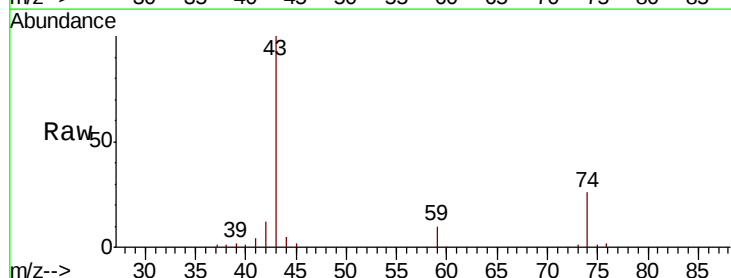
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

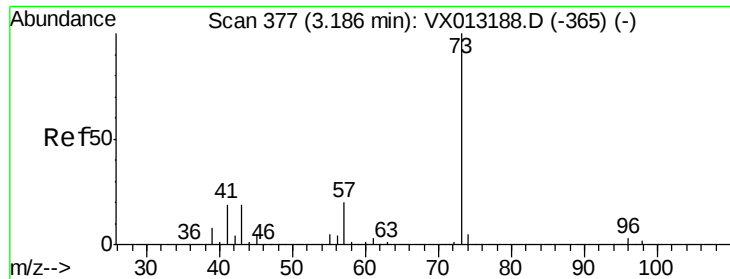
Tot Ion: 76 Resp: 59616
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 18.556 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 43 Resp: 30191
Ion Ratio Lower Upper
43 100
74 27.4 20.9 31.3

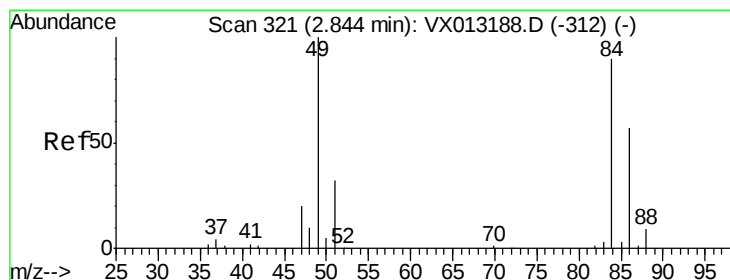
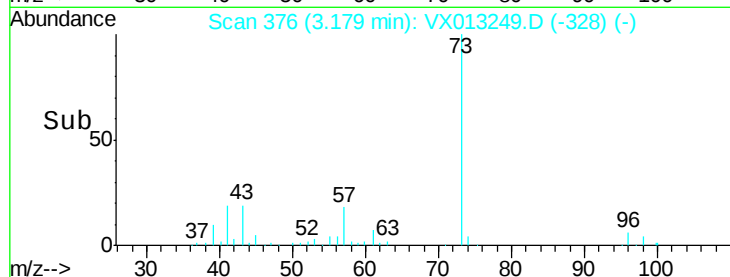
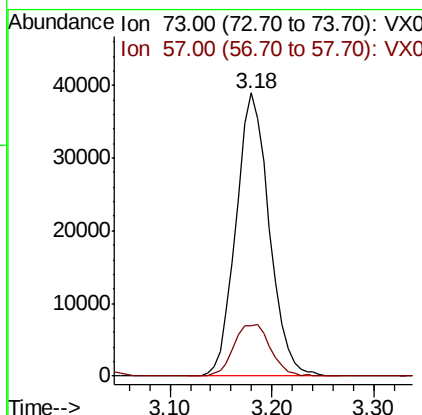
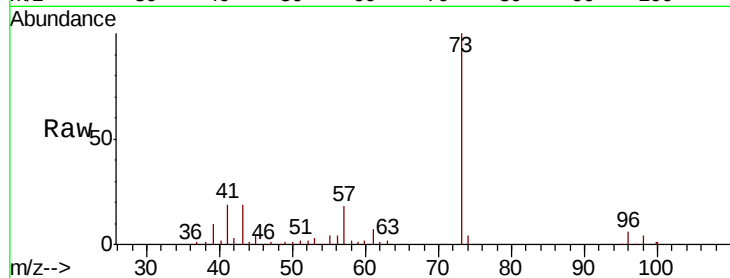




#19
Methvl tert-butvl Ether
Concen: 18.783 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

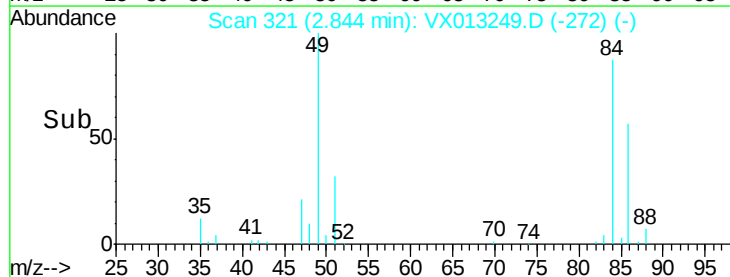
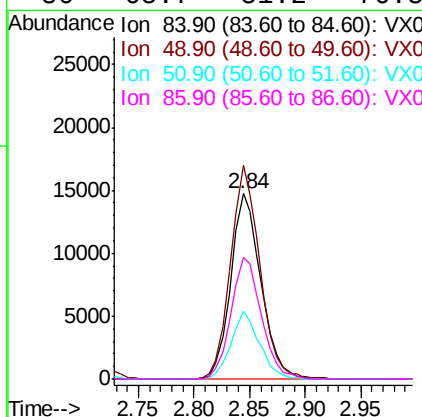
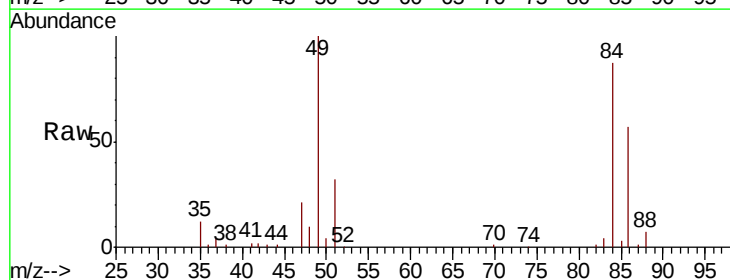
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

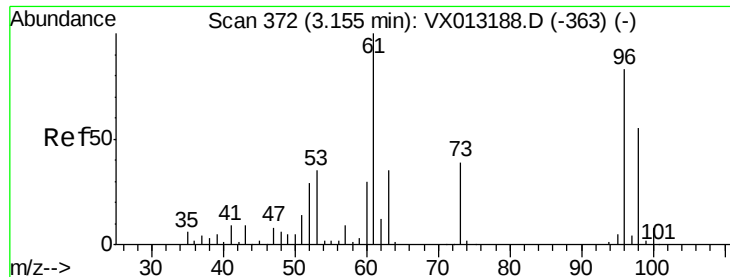
Tot Ion: 73 Resp: 88155
Ion Ratio Lower Upper
73 100
57 17.9 15.8 23.8



#20
Methylene Chloride
Concen: 19.272 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 84 Resp: 27526
Ion Ratio Lower Upper
84 100
49 115.4 89.2 133.8
51 36.6 28.8 43.2
86 65.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.065 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

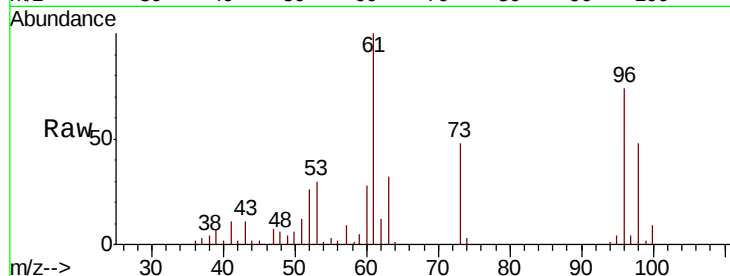
Tot Ion: 96 Resp: 26025

Ion Ratio Lower Upper

96 100

61 134.6 96.9 145.3

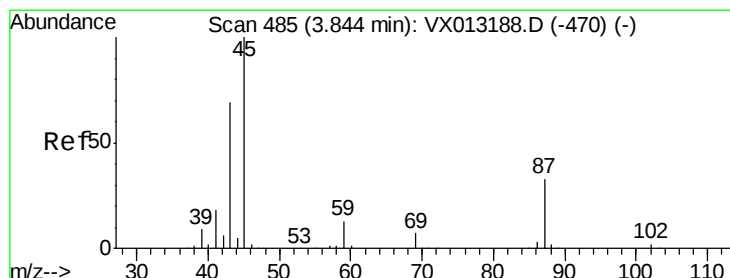
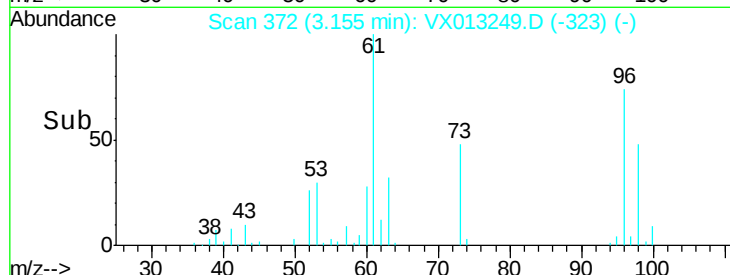
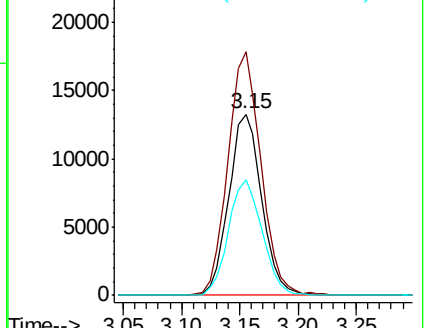
98 64.0 53.0 79.4



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: 18.291 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Tgt Ion: 45 Resp: 75038

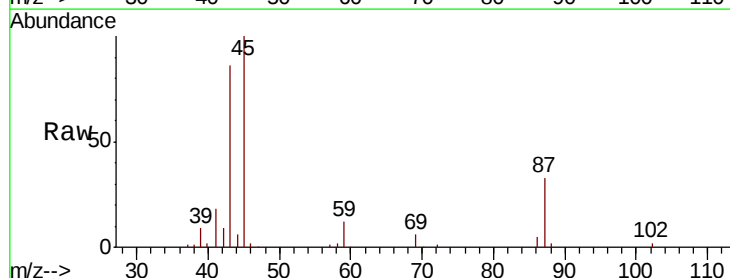
Ion Ratio Lower Upper

45 100

43 85.5 55.5 83.3#

87 33.0 26.7 40.1

59 12.1 10.2 15.2

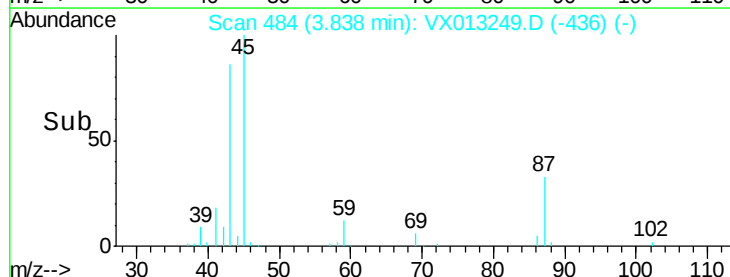
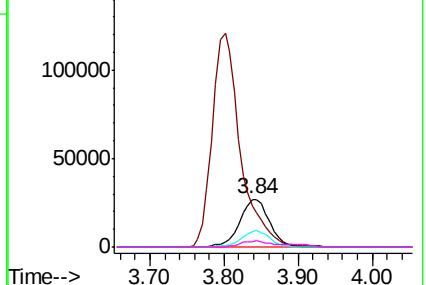


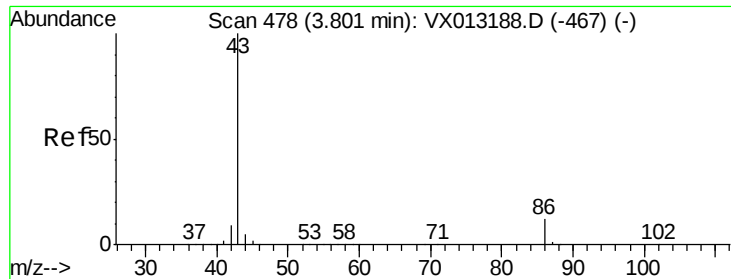
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 91.013 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleID :

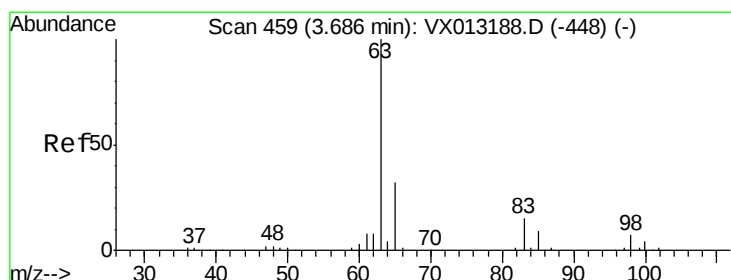
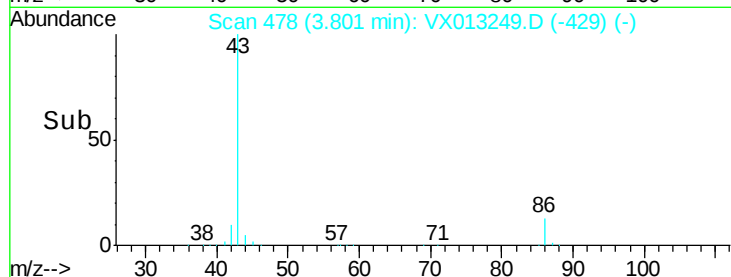
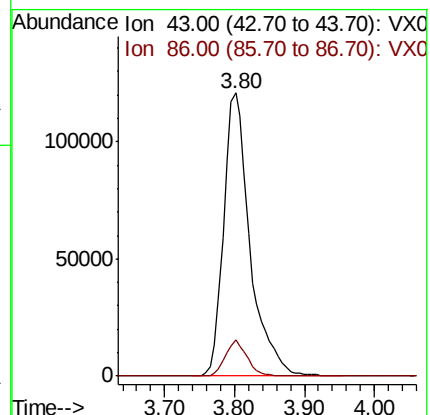
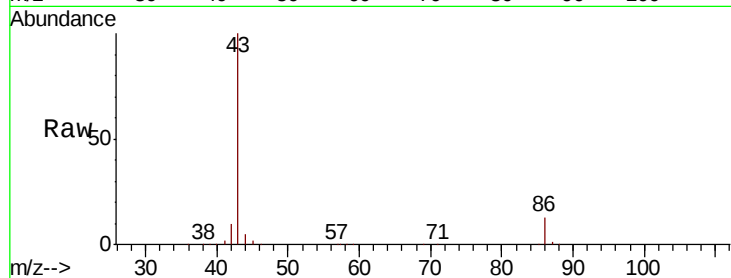
VX1028WBSD01

Tot Ion: 43 Resp: 317360

Ion Ratio Lower Upper

43 100

86 12.9 9.7 14.5



#24

1,1-Dichloroethane

Concen: 18.259 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

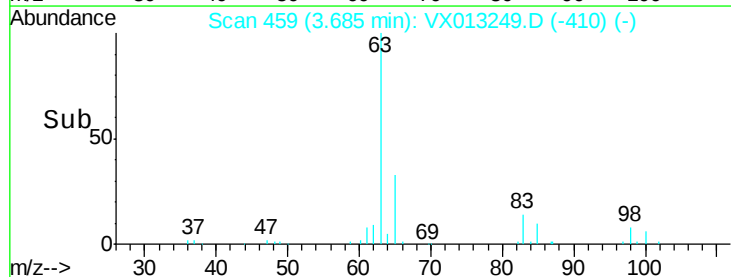
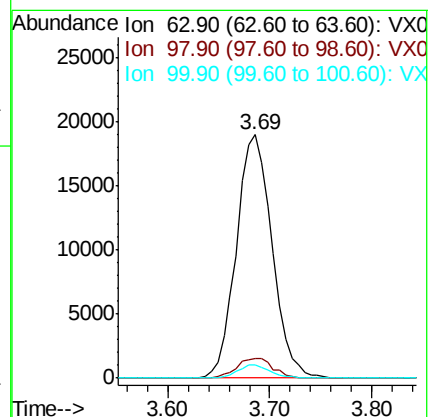
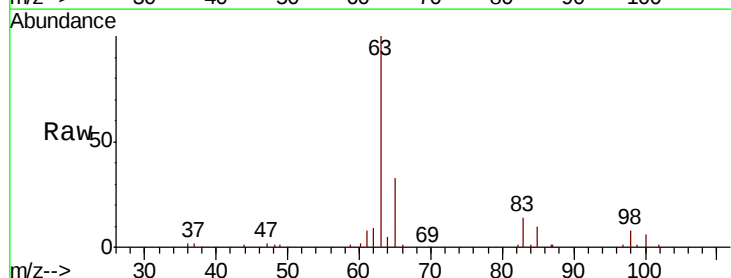
Tgt Ion: 63 Resp: 46076

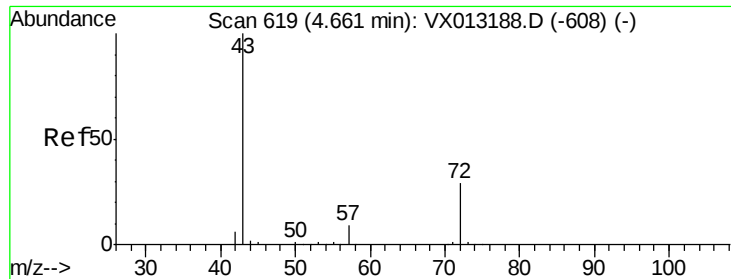
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 5.7 2.2 6.6





#25

2-Butanone

Concen: 85.363 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

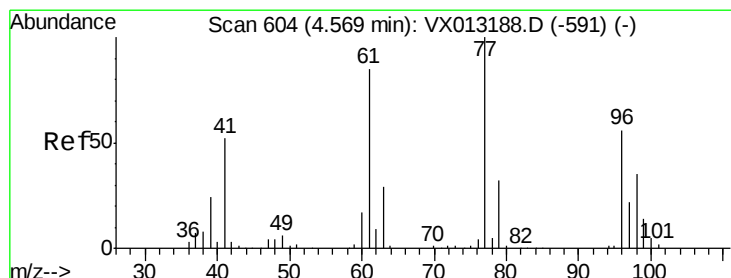
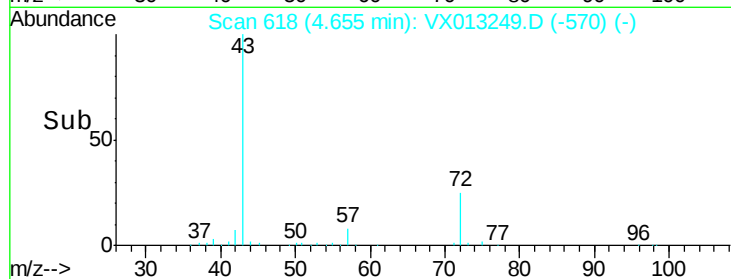
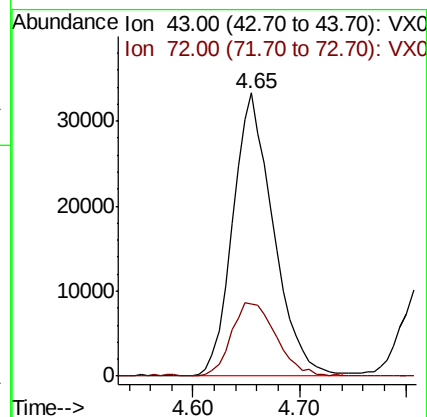
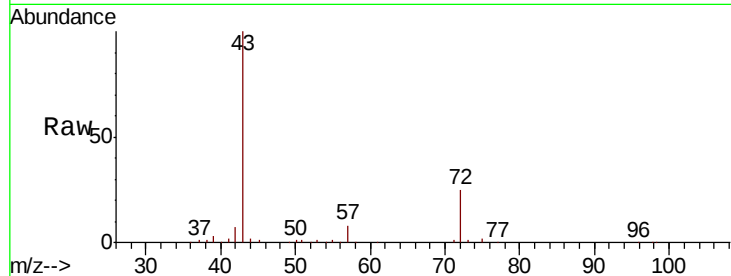
VX1028WBSD01

Tot Ion: 43 Resp: 88255

Ion Ratio Lower Upper

43 100

72 25.4 23.4 35.2



#26

2,2-Dichloropropane

Concen: 18.870 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013249.D

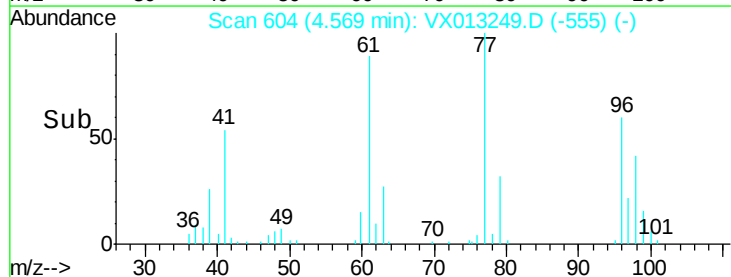
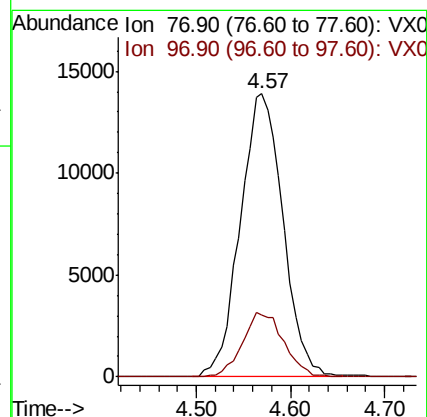
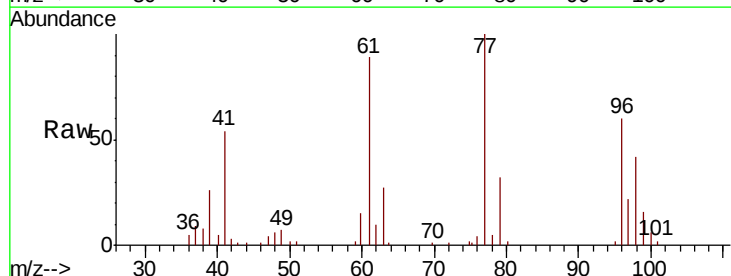
Acq: 28 Oct 2019 15:48

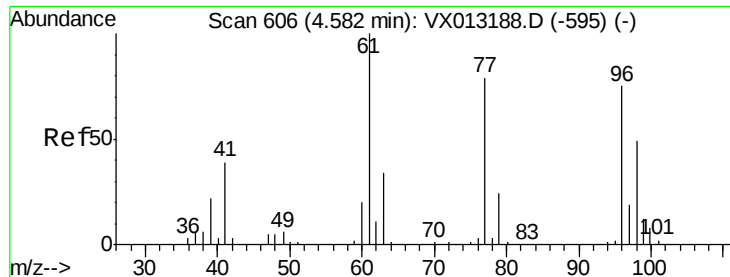
Tgt Ion: 77 Resp: 44008

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.6



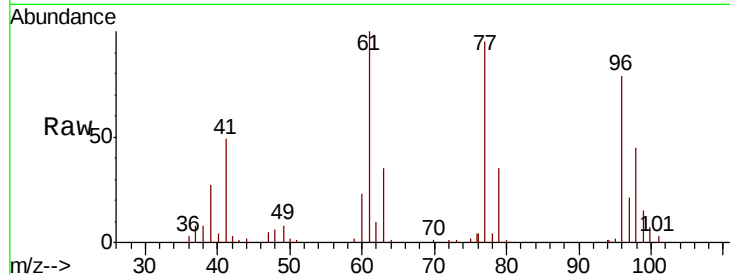


#27

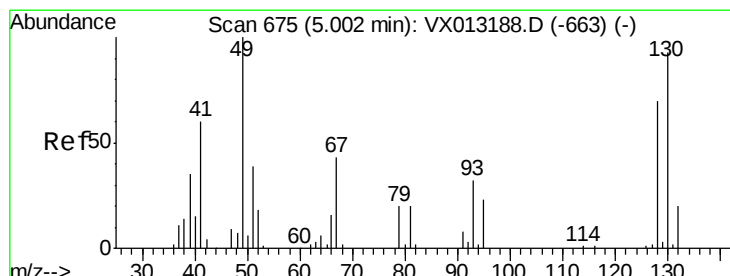
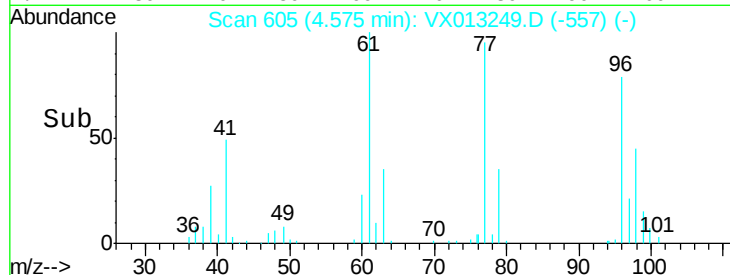
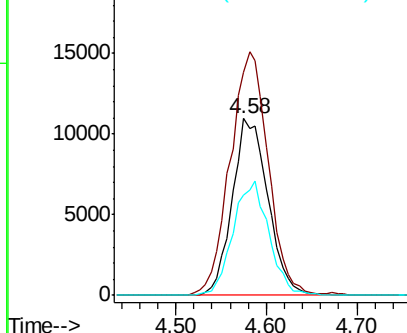
cis-1,2-Dichloroethene
Concen: 18.352 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tot Ion: 96 Resp: 29955
Ion Ratio Lower Upper
96 100
61 146.5 0.0 290.4
98 64.8 0.0 130.4



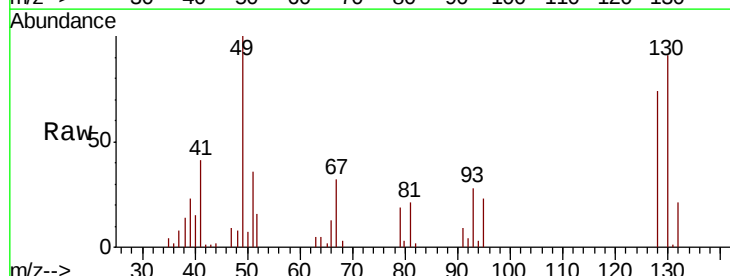
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



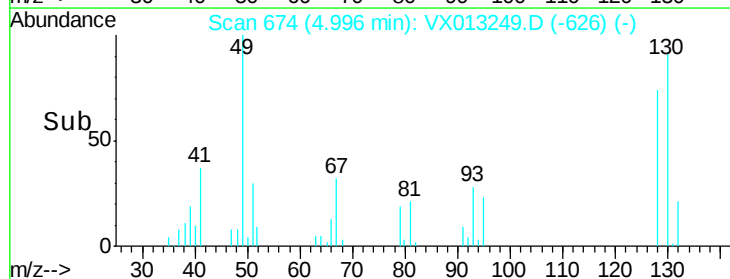
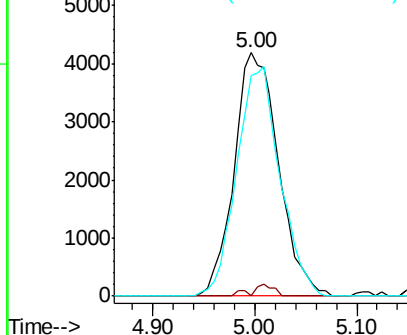
#28

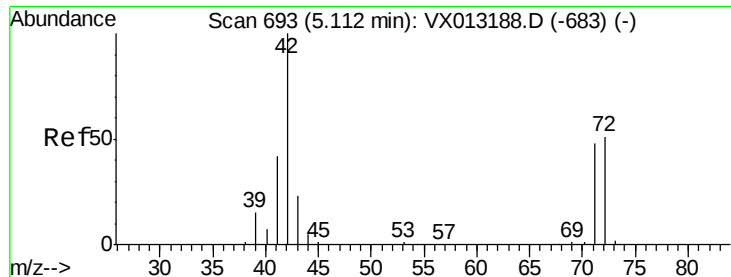
Bromochloromethane
Concen: 19.417 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 49 Resp: 12634
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 92.0 71.8 107.8



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: 83.152 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

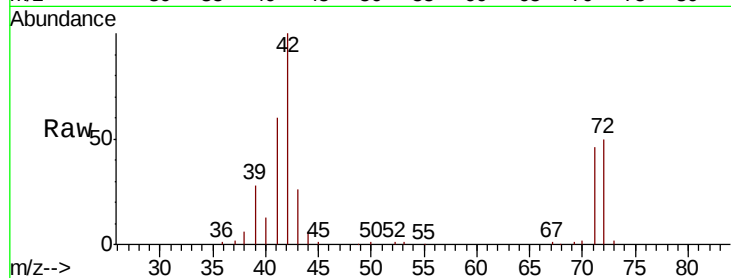
Tot Ion: 42 Resp: 51819

Ion Ratio Lower Upper

42 100

72 51.8 40.9 61.3

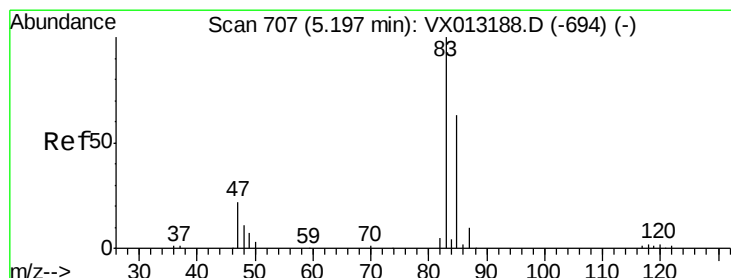
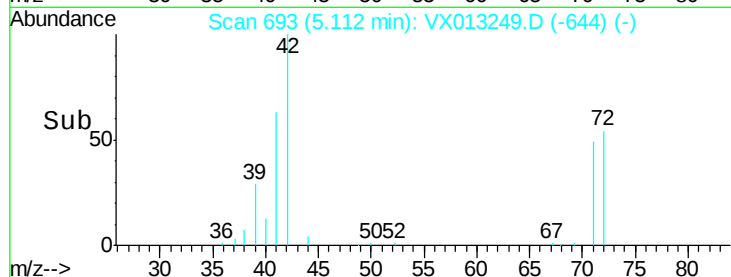
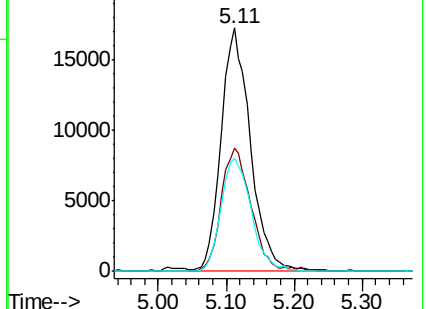
71 47.5 38.6 57.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.382 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013249.D

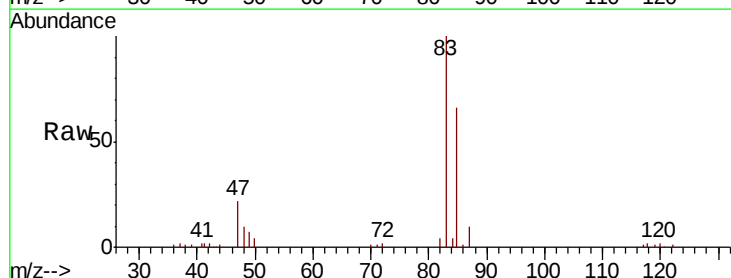
Acq: 28 Oct 2019 15:48

Tgt Ion: 83 Resp: 52073

Ion Ratio Lower Upper

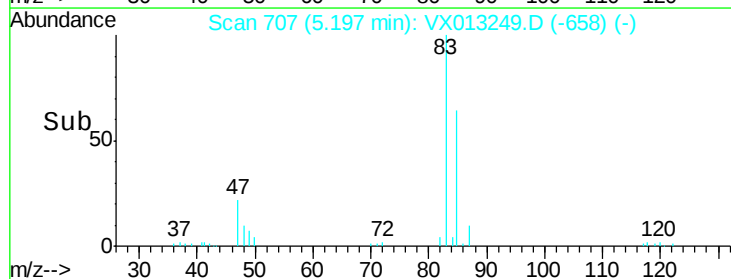
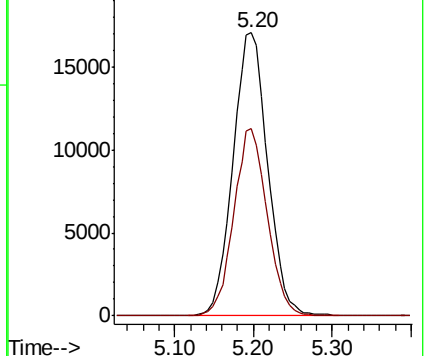
83 100

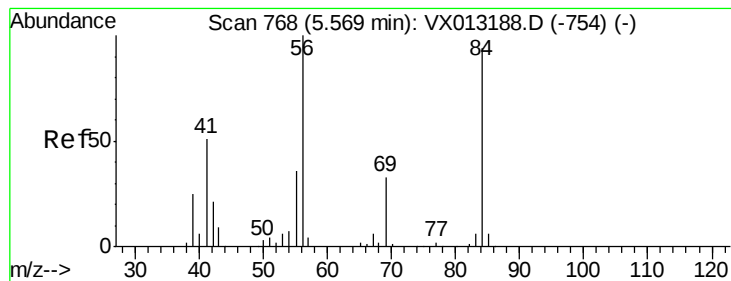
85 66.3 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 18.300 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

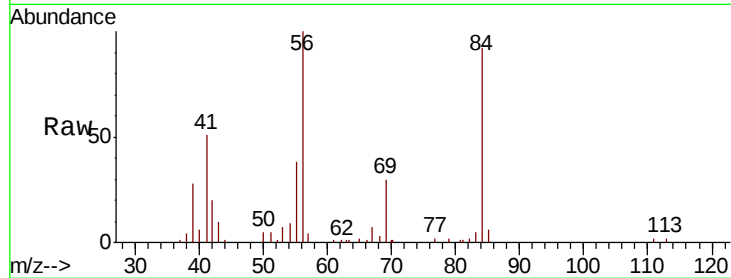
Tot Ion: 56 Resp: 38727

Ion Ratio Lower Upper

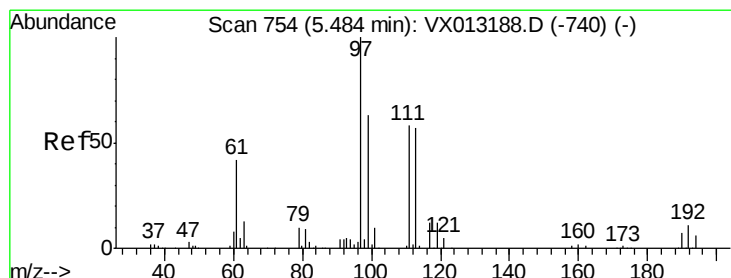
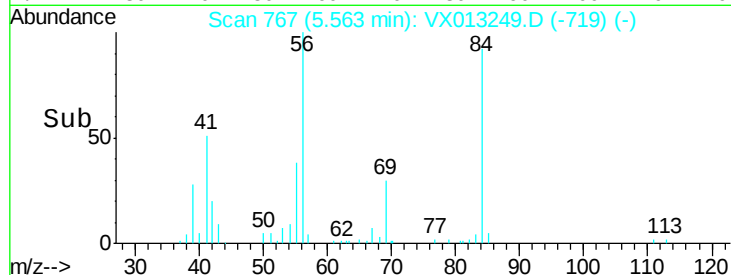
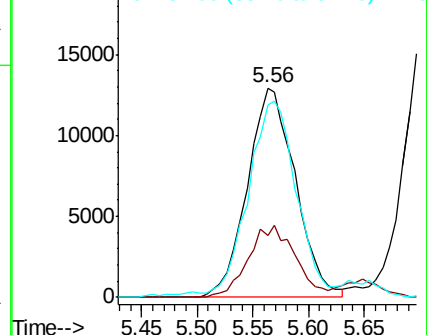
56 100

69 29.8 26.3 39.5

84 89.1 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.306 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

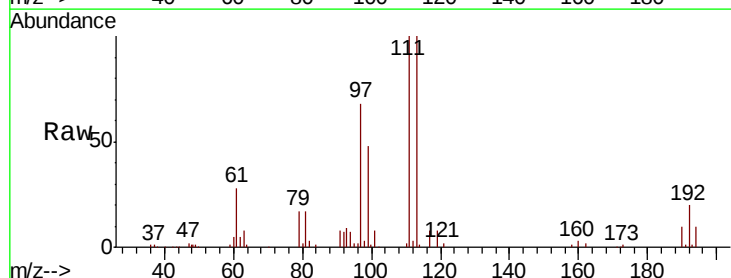
Tgt Ion: 97 Resp: 46119

Ion Ratio Lower Upper

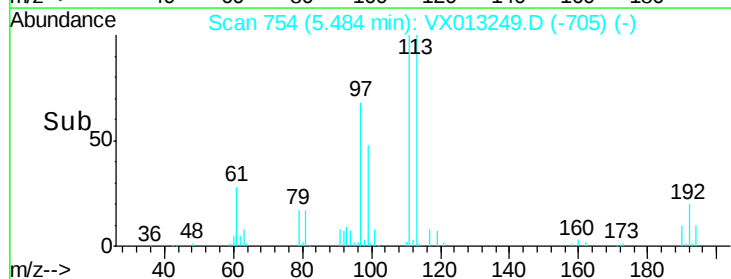
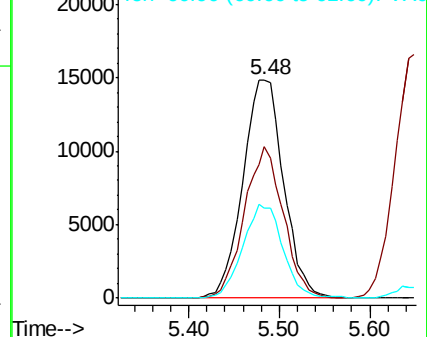
97 100

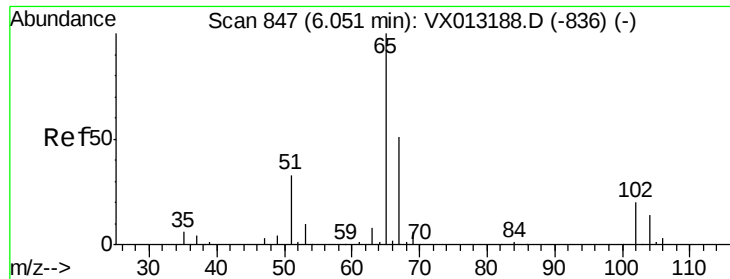
99 66.3 50.8 76.2

61 42.3 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.579 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

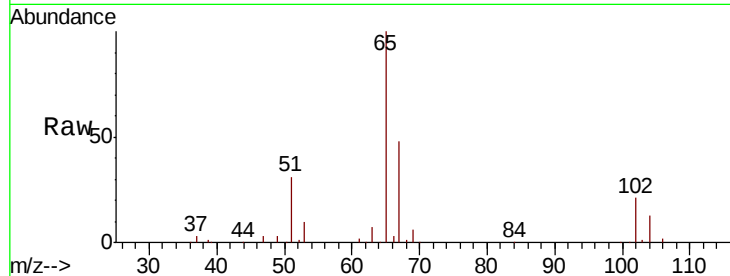
VX1028WBSD01

Tot Ion: 65 Resp: 79493

Ion Ratio Lower Upper

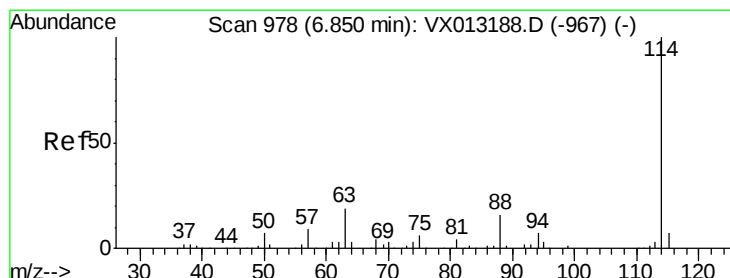
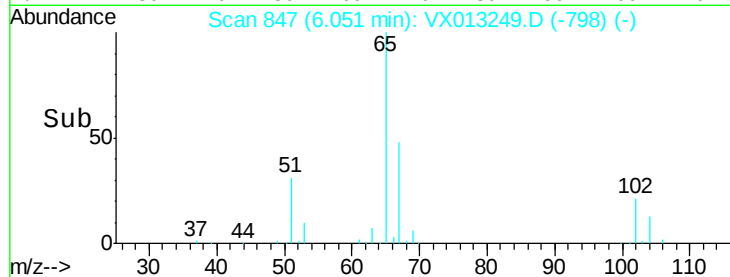
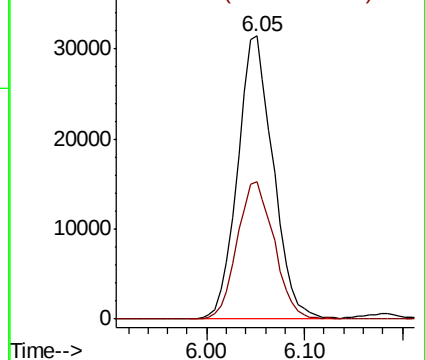
65 100

67 50.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

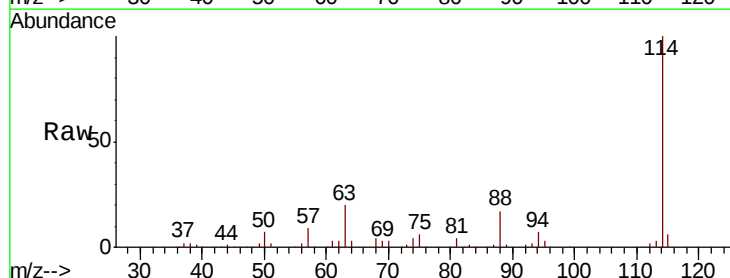
Tgt Ion: 114 Resp: 106829

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

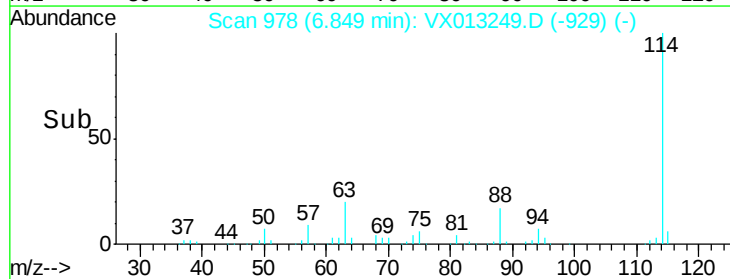
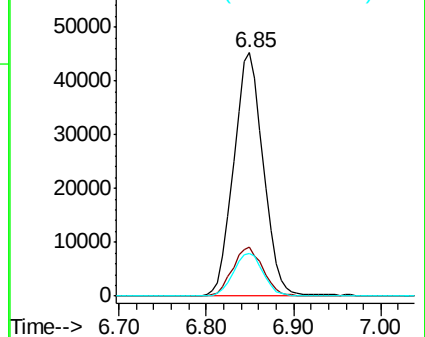
88 17.4 0.0 32.0

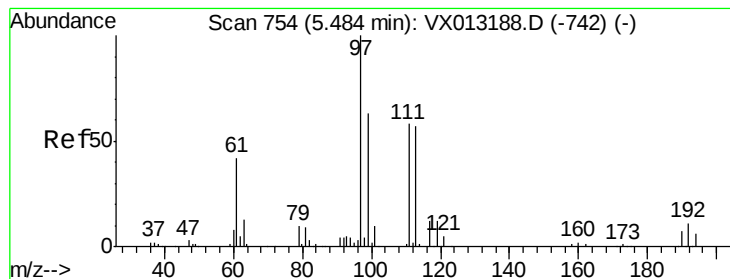


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.950 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

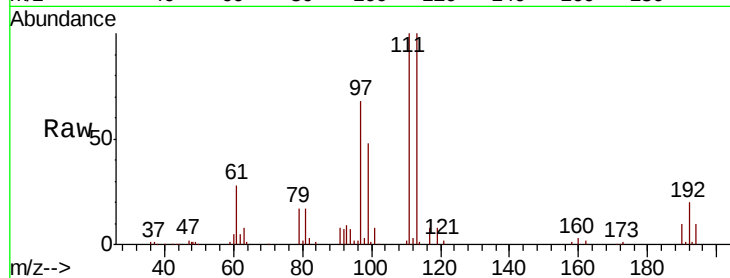
Tot Ion:113 Resp: 61888

Ion Ratio Lower Upper

113 100

111 101.3 80.3 120.5

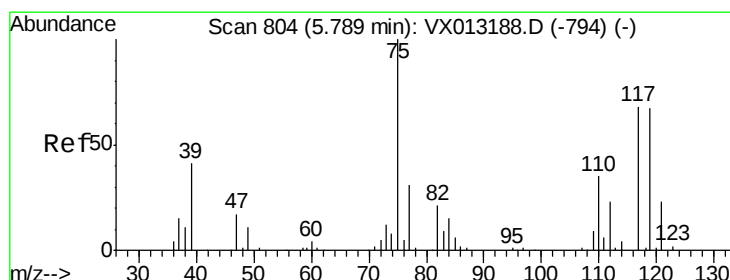
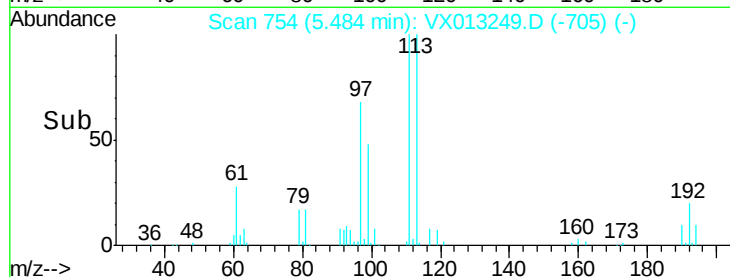
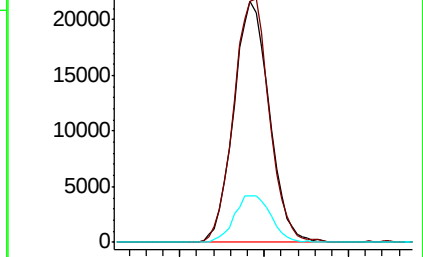
192 20.1 15.9 23.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.147 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

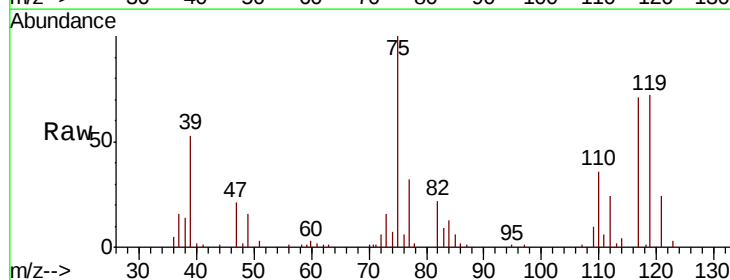
Tgt Ion: 75 Resp: 36109

Ion Ratio Lower Upper

75 100

110 36.0 17.6 52.9

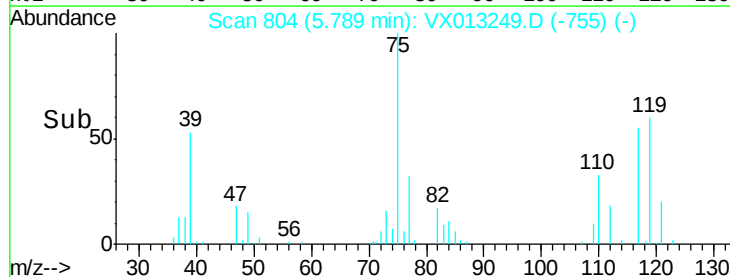
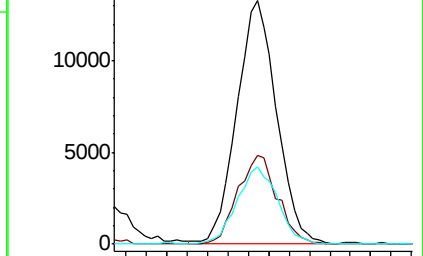
77 32.2 24.7 37.1

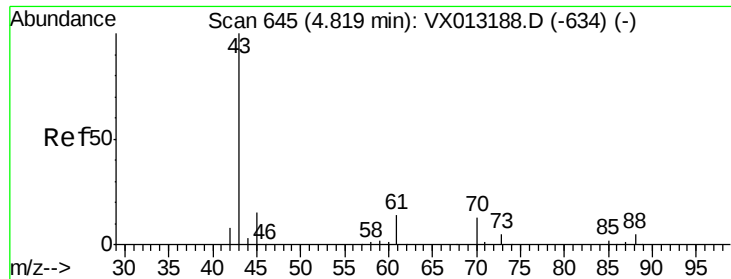


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

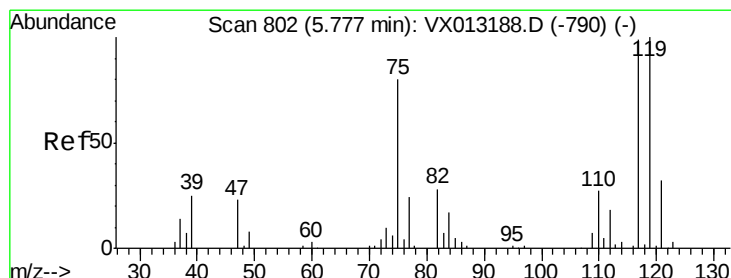
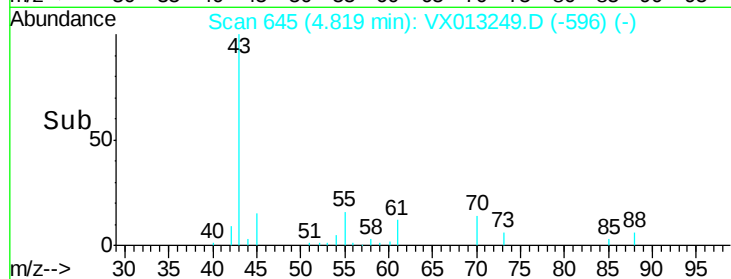
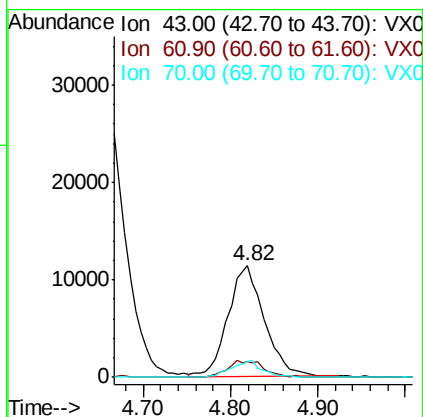
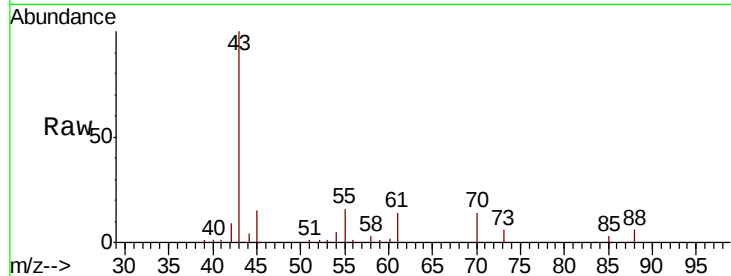




#37
Ethyl Acetate
Concen: 18.376 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

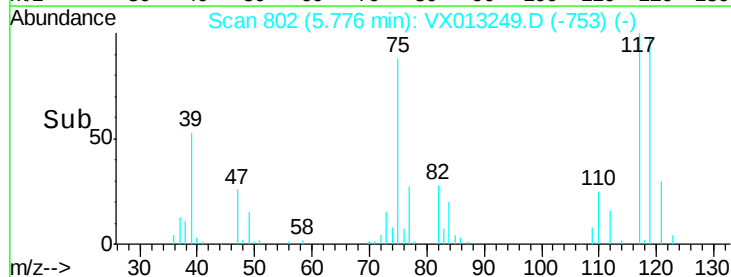
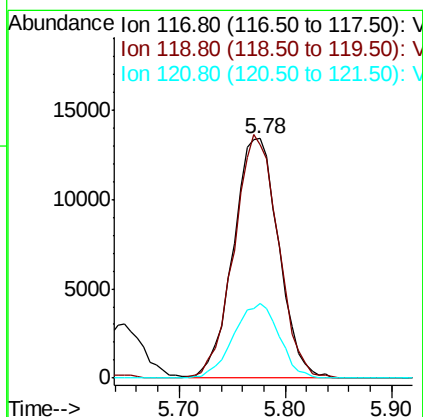
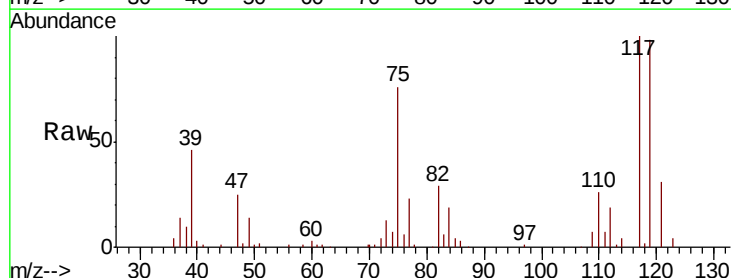
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

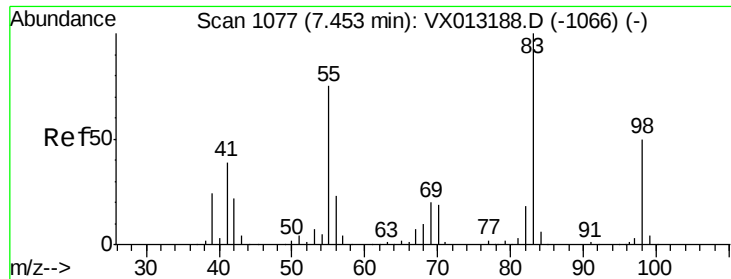
Tot Ion: 43 Resp: 32714
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 13.4 10.4 15.6



#38
Carbon Tetrachloride
Concen: 20.268 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 117 Resp: 40022
Ion Ratio Lower Upper
117 100
119 97.5 80.1 120.1
121 31.1 25.5 38.3

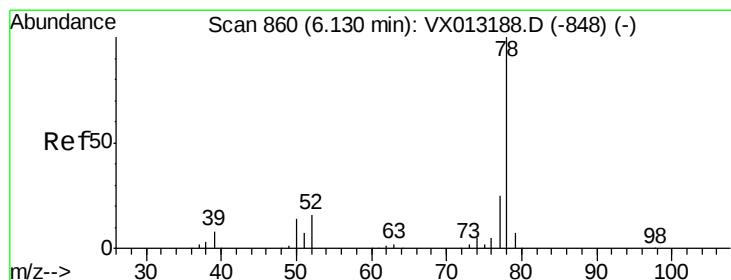
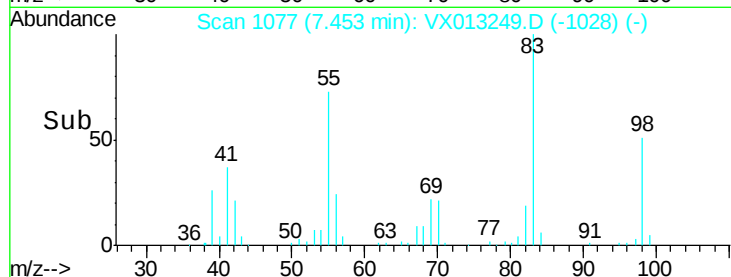
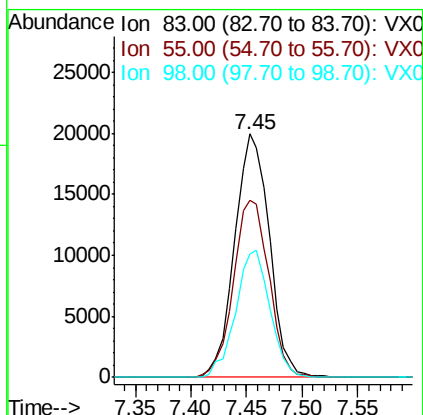
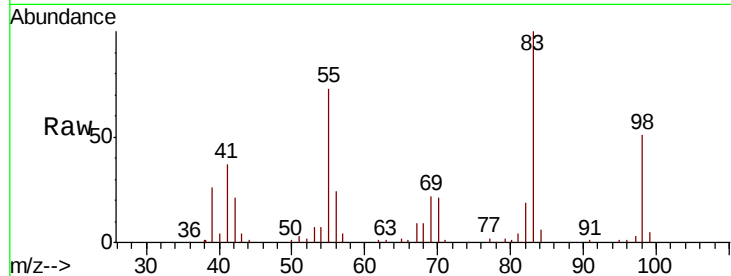




#39
Methvlcvclohexane
Concen: 18.914 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

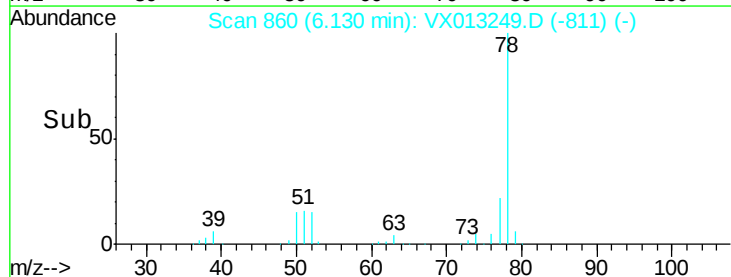
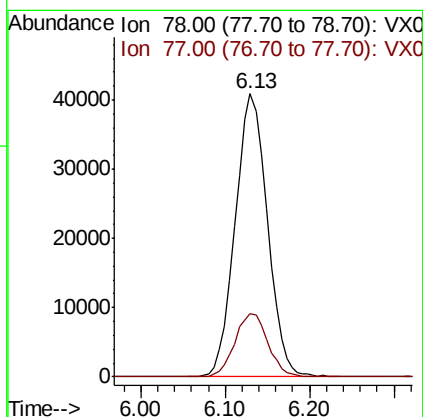
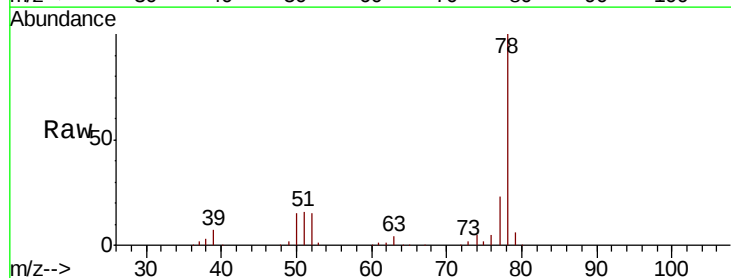
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

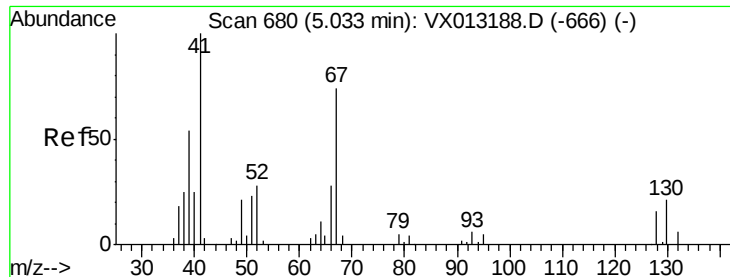
Tot Ion: 83 Resp: 43256
Ion Ratio Lower Upper
83 100
55 72.6 60.1 90.1
98 50.9 39.8 59.8



#40
Benzene
Concen: 19.658 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 78 Resp: 105480
Ion Ratio Lower Upper
78 100
77 22.5 19.6 29.4





#41

Methacrylonitrile

Concen: 19.693 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

Tot Ion: 41 Resp: 18796

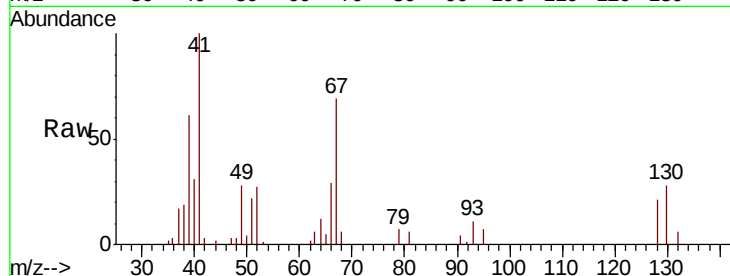
Ion Ratio Lower Upper

41 100

39 58.2 45.2 67.8

67 75.1 61.3 91.9

52 31.3 25.1 37.7

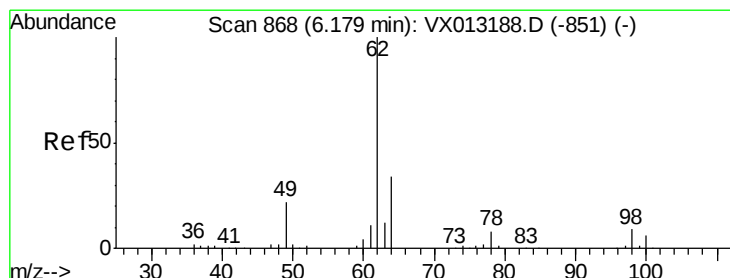
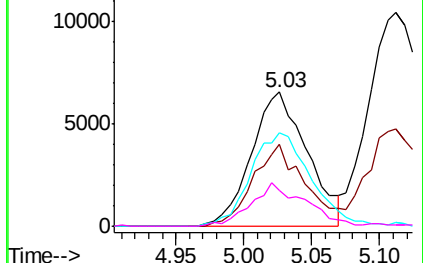
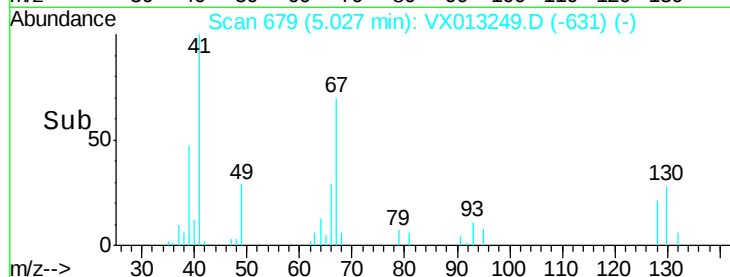


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.116 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013249.D

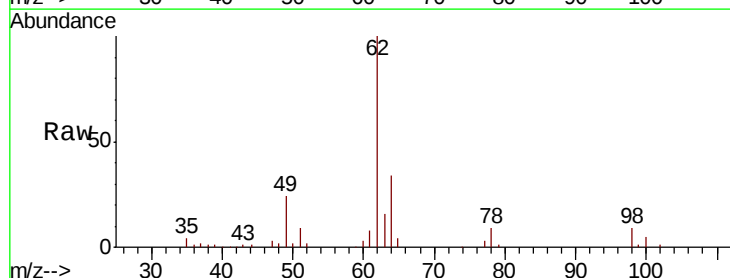
Acq: 28 Oct 2019 15:48

Tgt Ion: 62 Resp: 42721

Ion Ratio Lower Upper

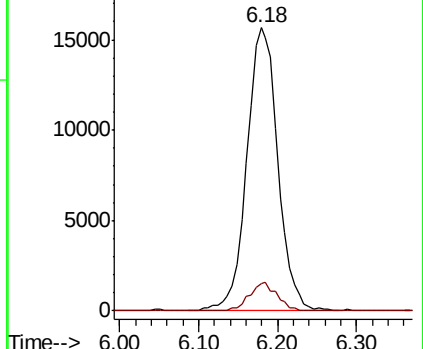
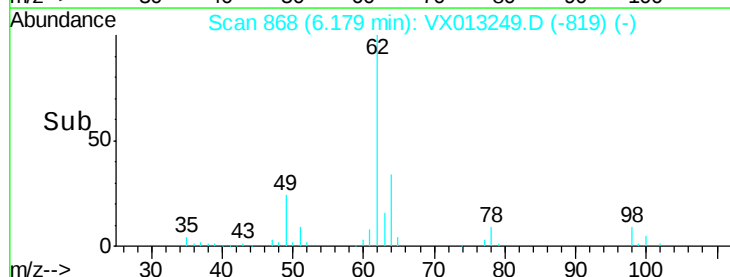
62 100

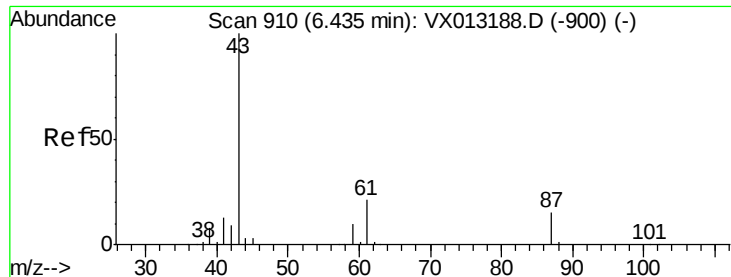
98 8.9 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.903 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

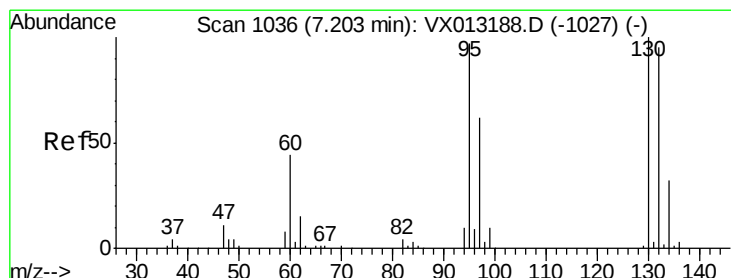
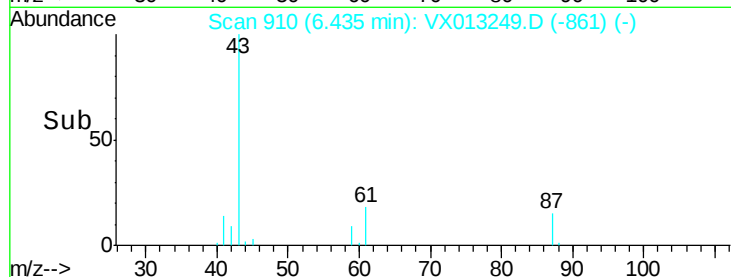
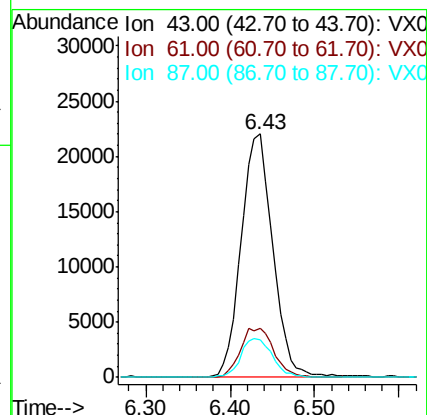
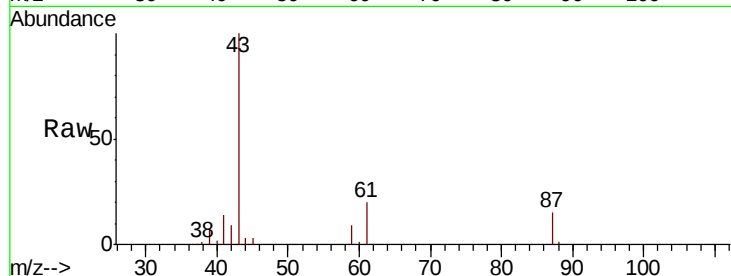
Tot Ion: 43 Resp: 55873

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

87 15.9 12.1 18.1



#44

Trichloroethene

Concen: 20.010 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013249.D

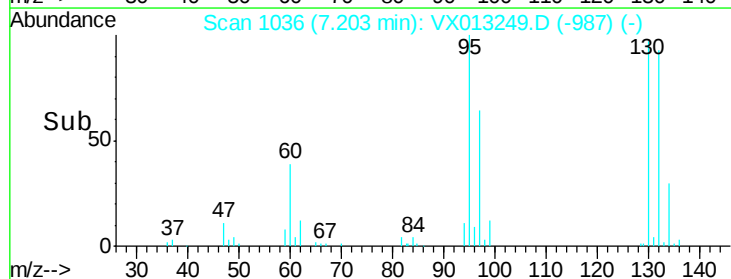
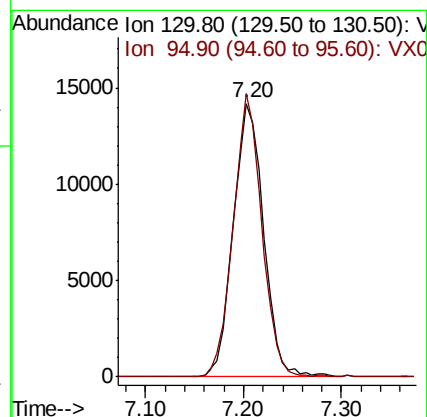
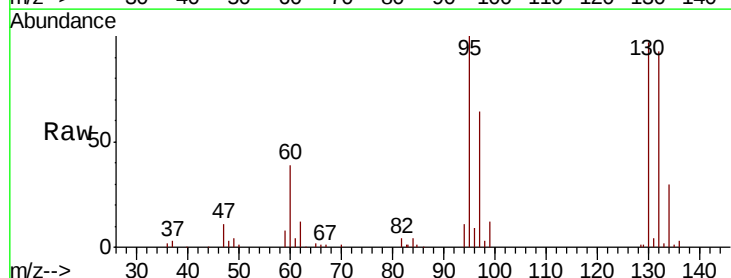
Acq: 28 Oct 2019 15:48

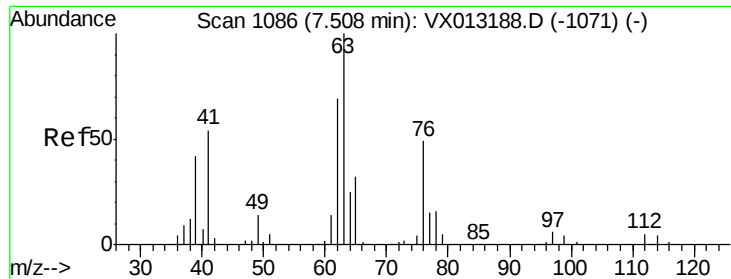
Tgt Ion: 130 Resp: 30474

Ion Ratio Lower Upper

130 100

95 103.6 0.0 193.6

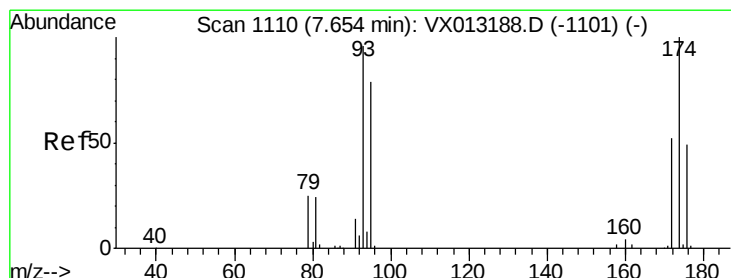
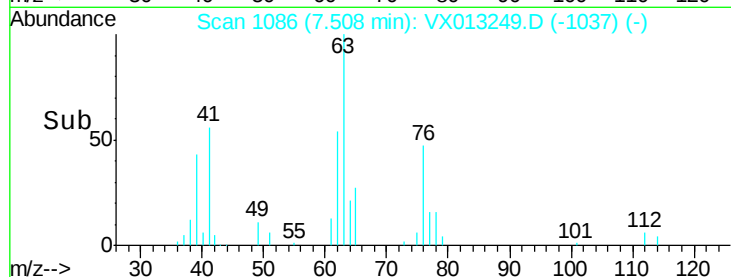
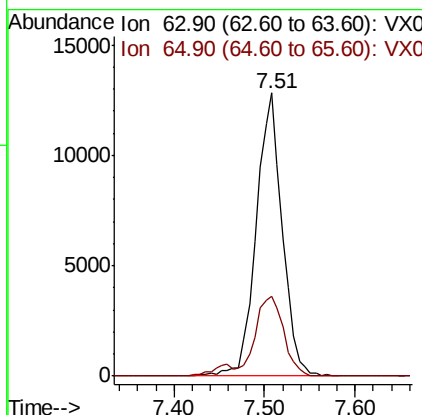
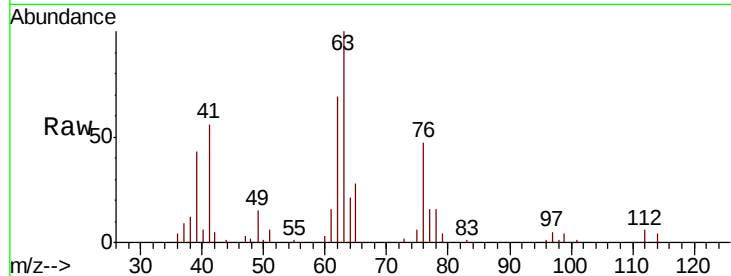




#45
 1,2-Dichloropropane
 Concen: 18.894 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

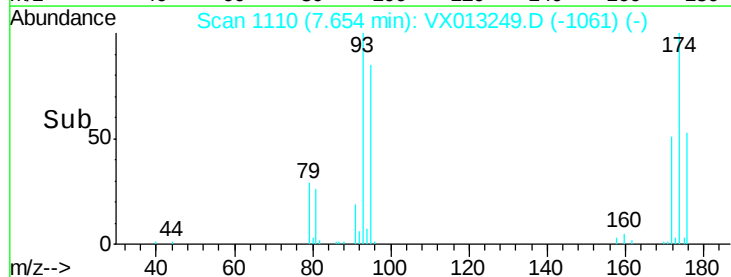
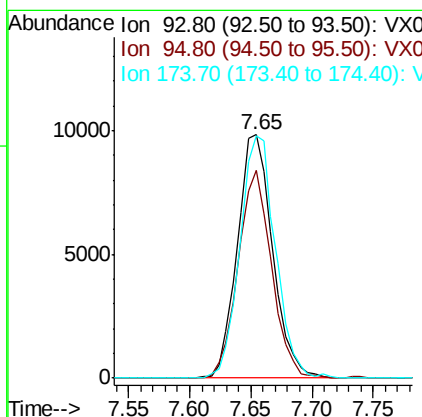
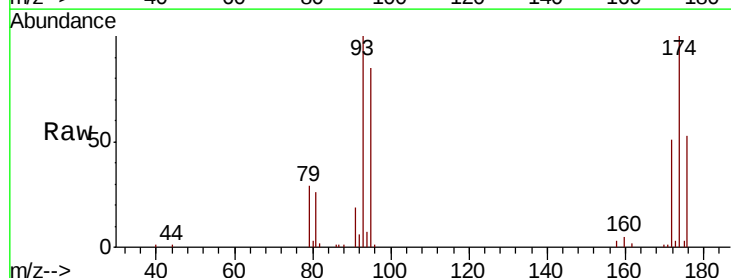
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

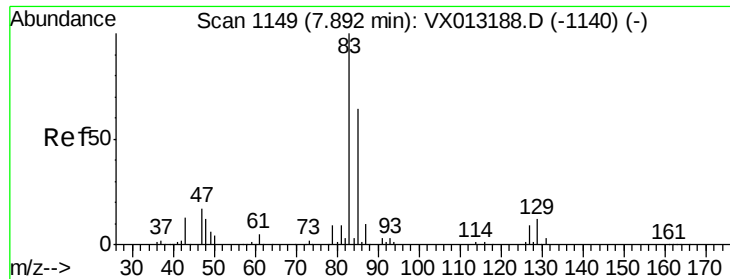
Tot Ion: 63 Resp: 25393
 Ion Ratio Lower Upper
 63 100
 65 28.1 25.3 37.9



#46
 Dibromomethane
 Concen: 20.311 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion: 93 Resp: 19667
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.2 99.4
 174 100.4 85.2 127.8





#47

Bromodichloromethane

Concen: 20.119 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

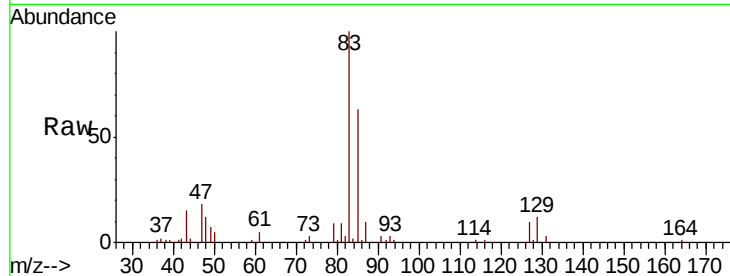
Tot Ion: 83 Resp: 37965

Ion Ratio Lower Upper

83 100

85 62.9 51.0 76.6

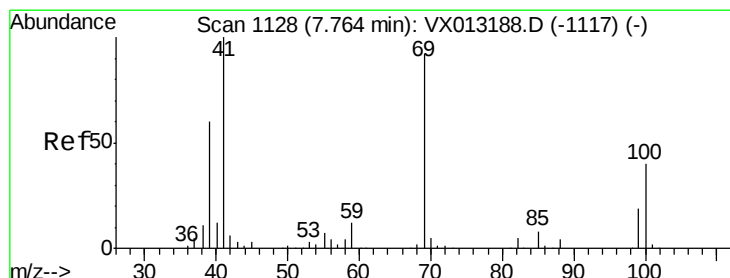
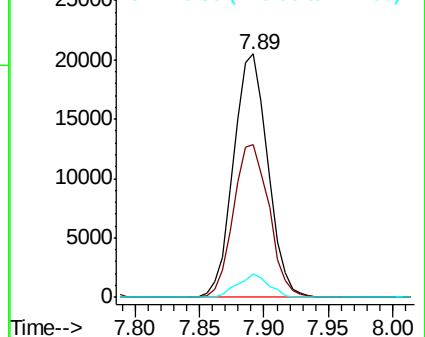
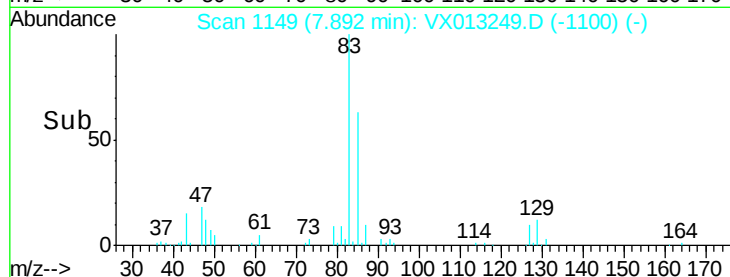
127 9.7 7.2 10.8



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: 19.224 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

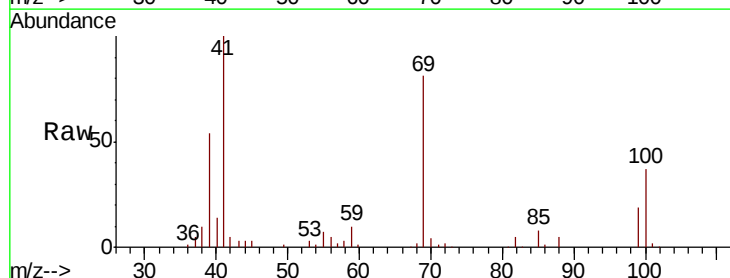
Tgt Ion: 41 Resp: 28084

Ion Ratio Lower Upper

41 100

69 86.8 72.0 108.0

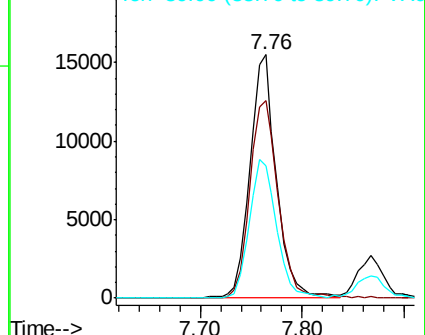
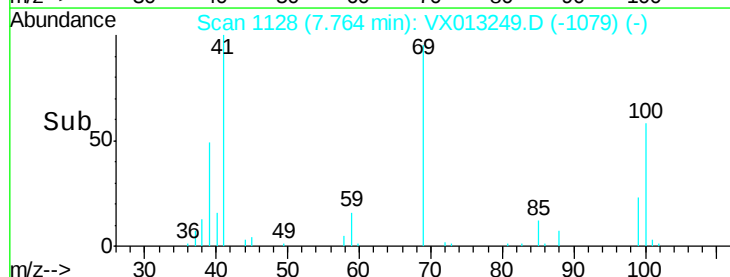
39 58.4 47.4 71.0

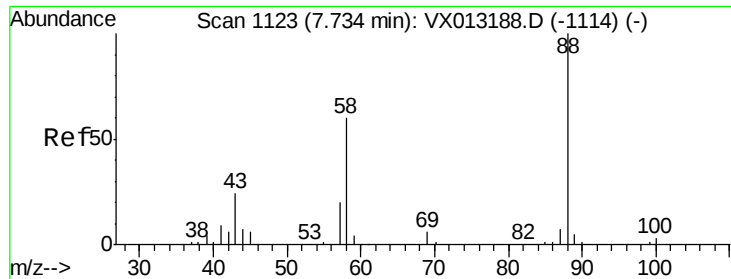


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

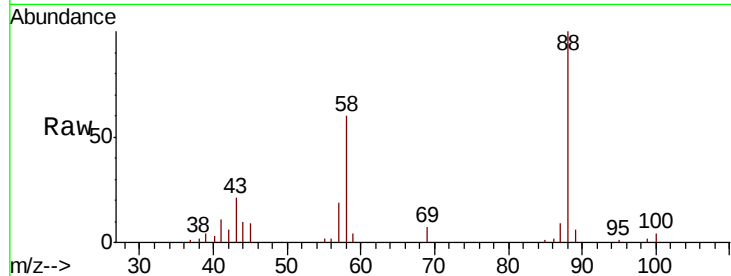




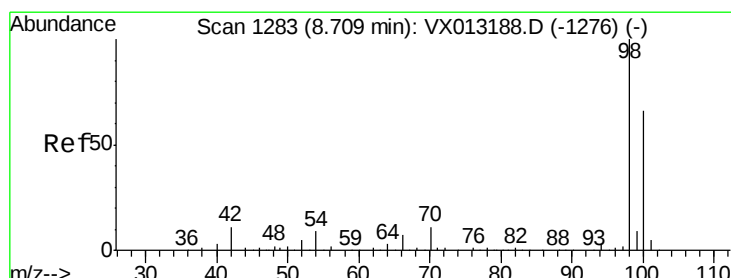
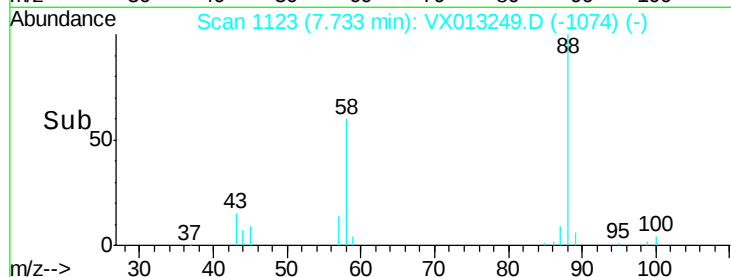
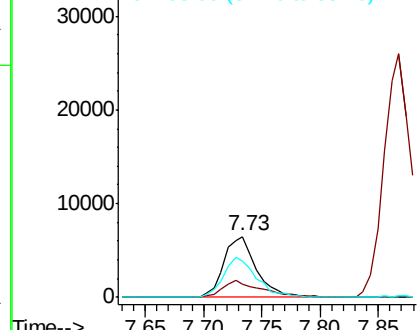
#49
1,4-Dioxane
Concen: 336.542 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Instrument :
MSVOA_X
ClientSampled :
VX1028WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	24.5	36.7
58	66.6	54.1	81.1

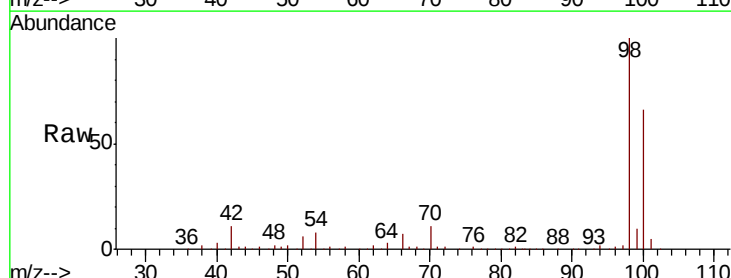


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

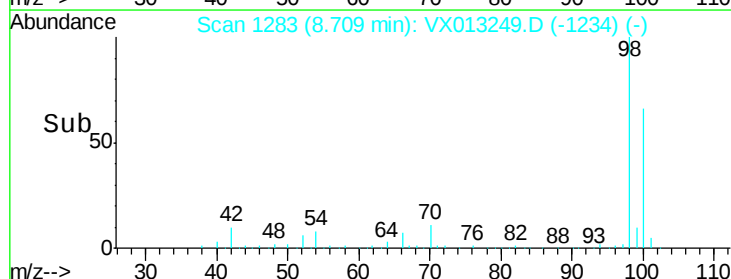
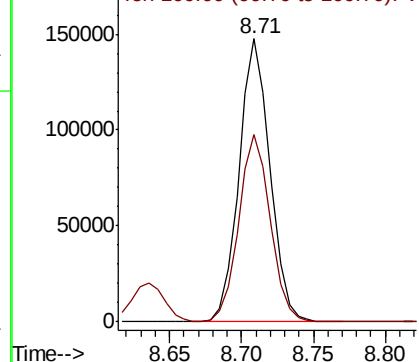


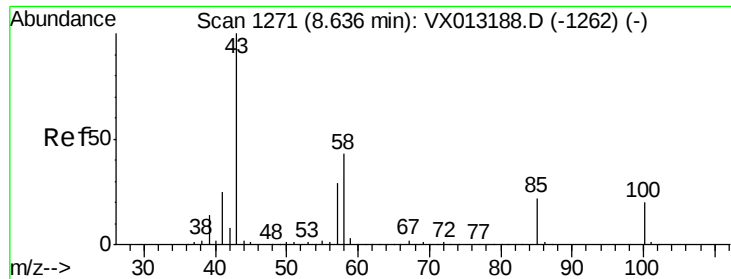
#50
Toluene-d8
Concen: 50.005 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 93.264 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

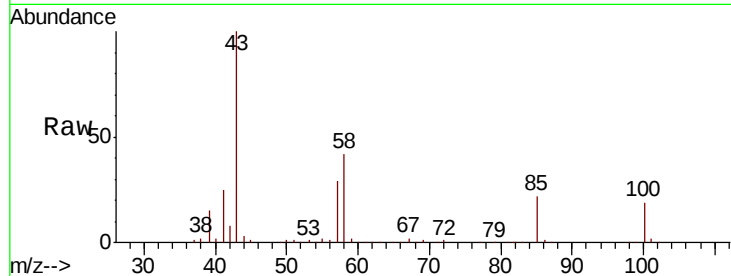
VX1028WBSD01

Tot Ion: 43 Resp: 168025

Ion Ratio Lower Upper

43 100

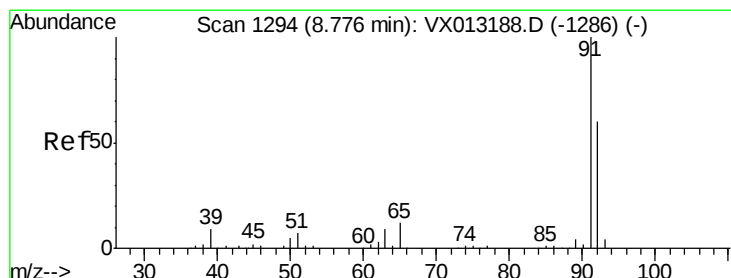
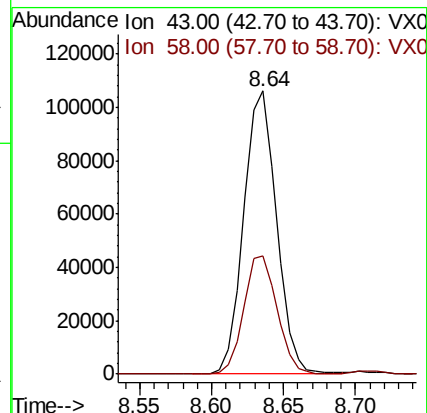
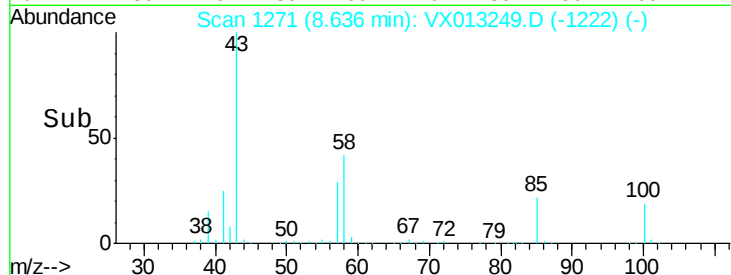
58 42.4 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64



#52

Toluene

Concen: 19.495 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013249.D

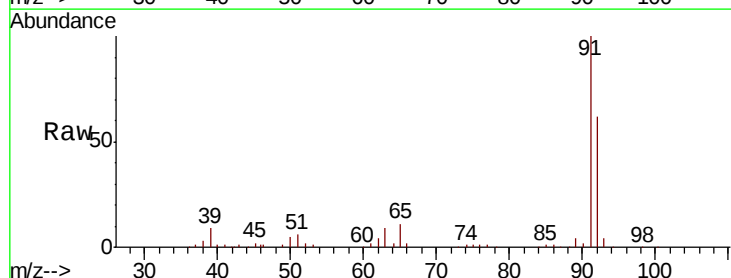
Acq: 28 Oct 2019 15:48

Tgt Ion: 92 Resp: 69326

Ion Ratio Lower Upper

92 100

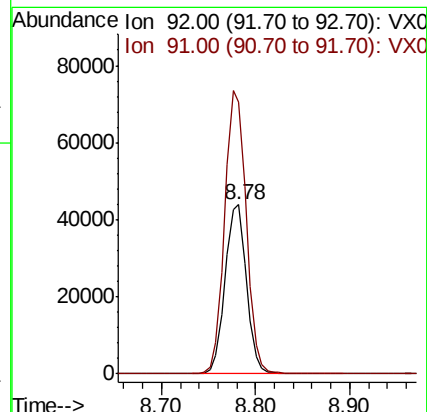
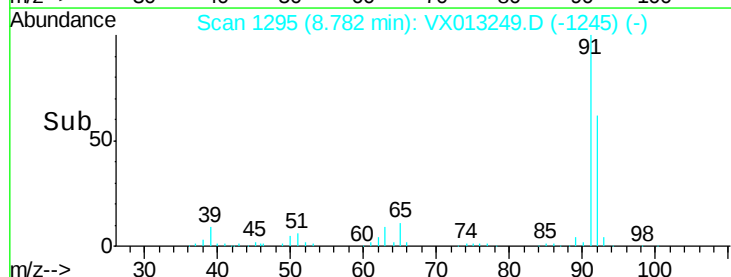
91 168.2 133.9 200.9

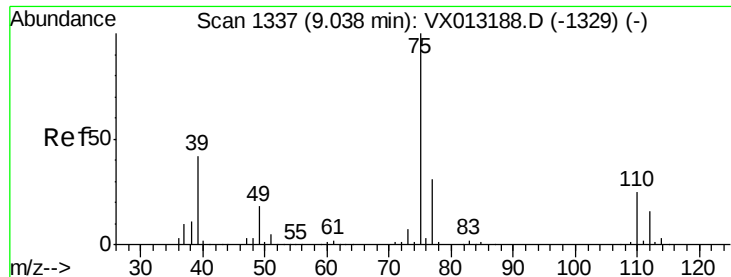


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

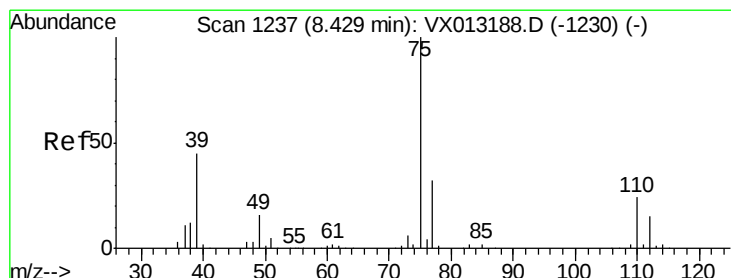
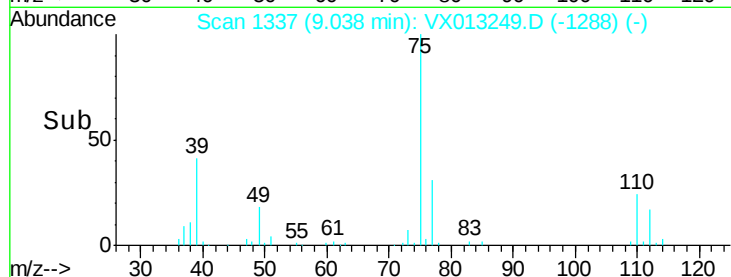
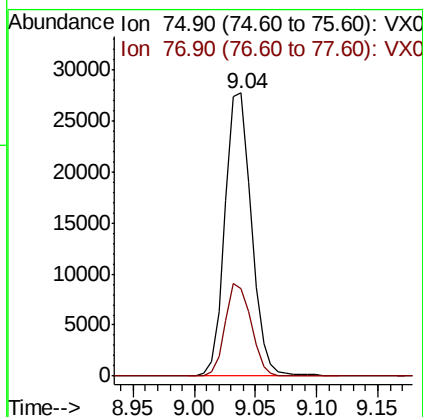
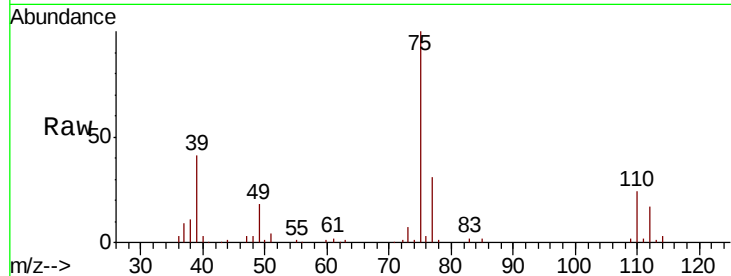




#53
 t-1,3-Dichloropropene
 Concen: 20.755 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

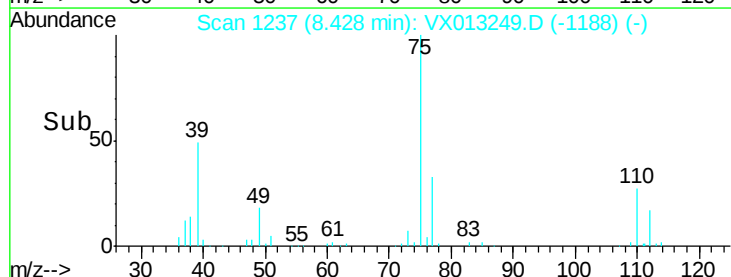
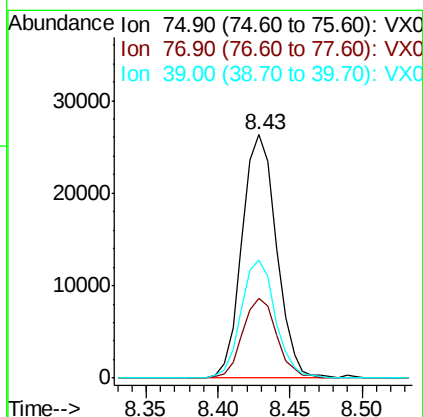
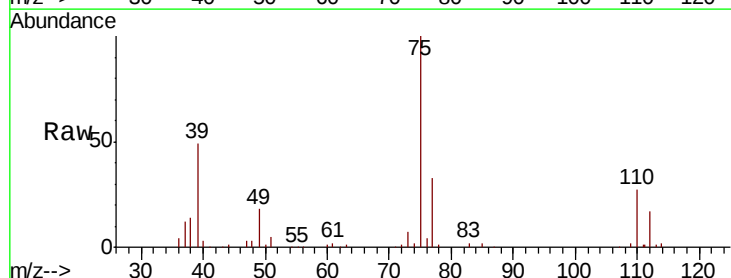
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

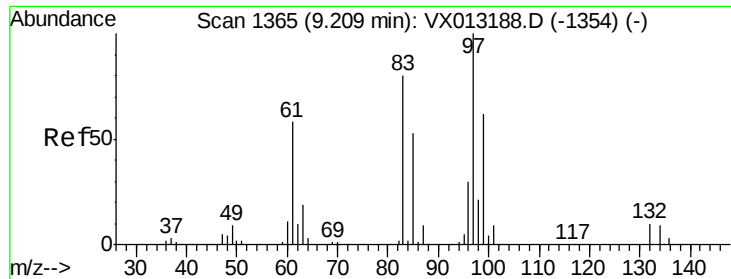
Tot Ion: 75 Resp: 41618
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.902 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion: 75 Resp: 43657
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0
 39 48.8 36.2 54.4

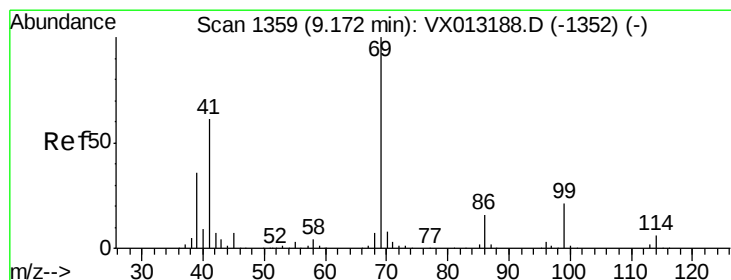
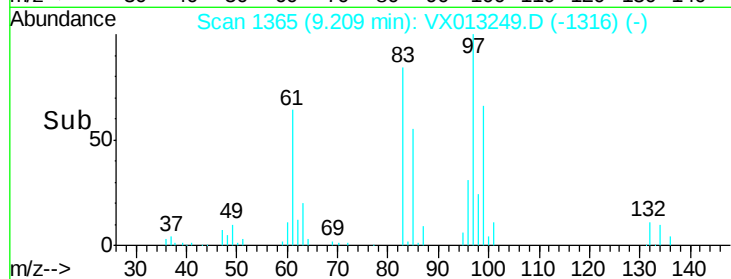
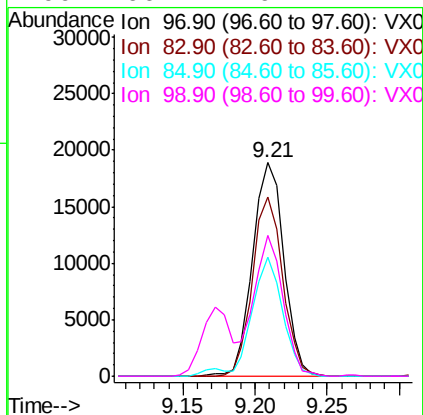
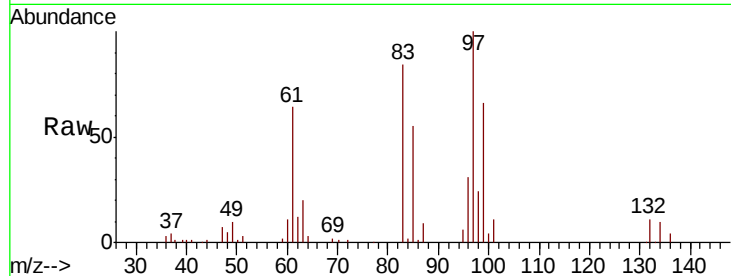




#55
 1,1,2-Trichloroethane
 Concen: 20.081 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

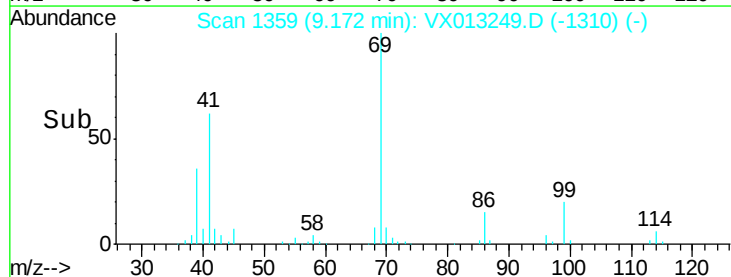
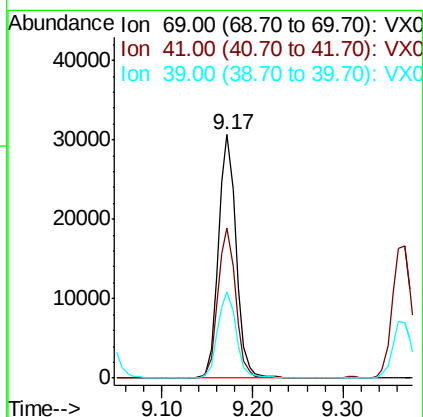
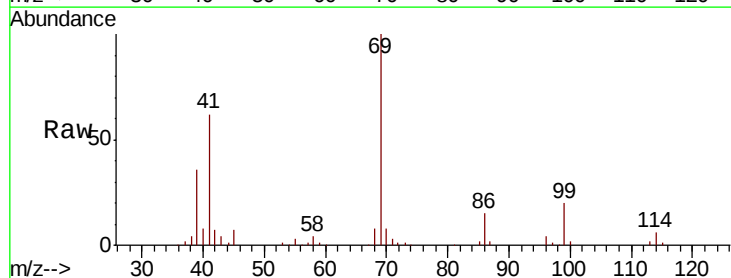
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

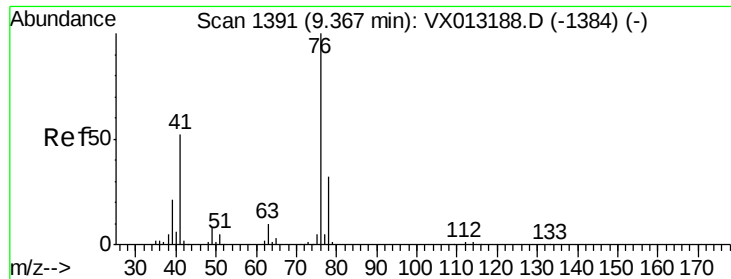
Tot Ion:	97	Resp:	28233
Ion	Ratio	Lower	Upper
97	100		
83	83.7	64.1	96.1
85	55.4	42.1	63.1
99	66.1	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 19.829 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion:	69	Resp:	41959
Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.5	74.3
39	37.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.451 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

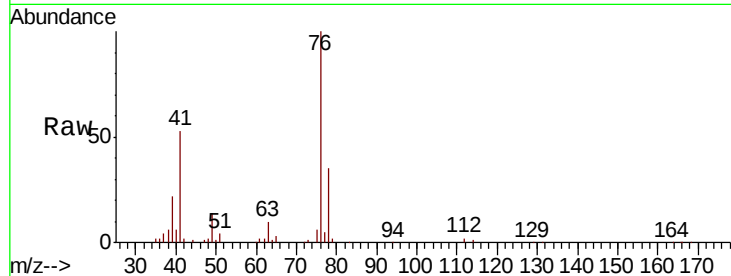
VX1028WBSD01

Tot Ion: 76 Resp: 46143

Ion Ratio Lower Upper

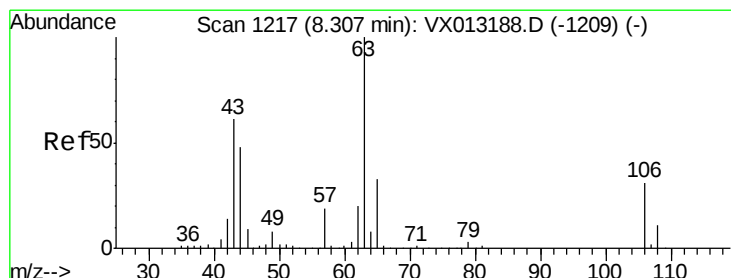
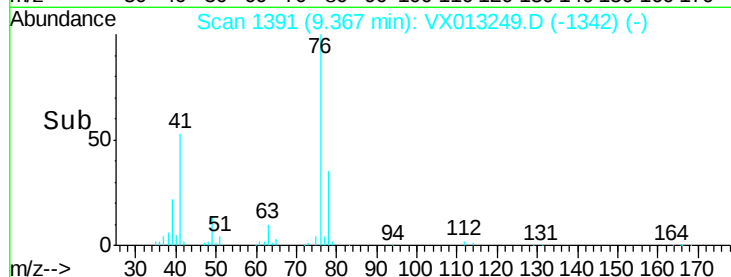
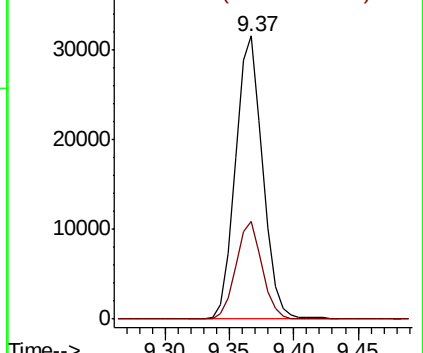
76 100

78 33.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.066 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013249.D

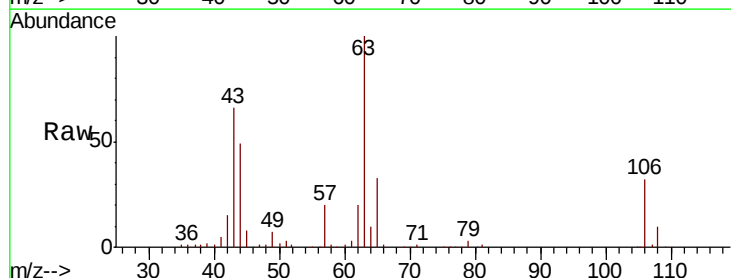
Acq: 28 Oct 2019 15:48

Tgt Ion: 63 Resp: 84273

Ion Ratio Lower Upper

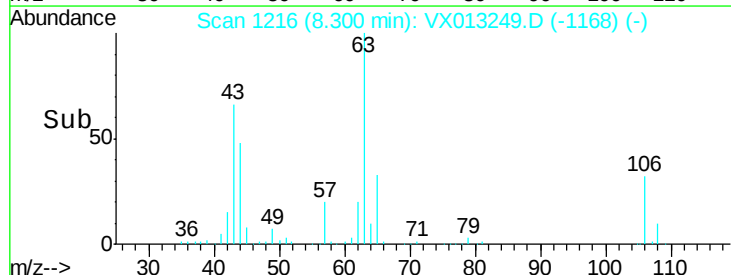
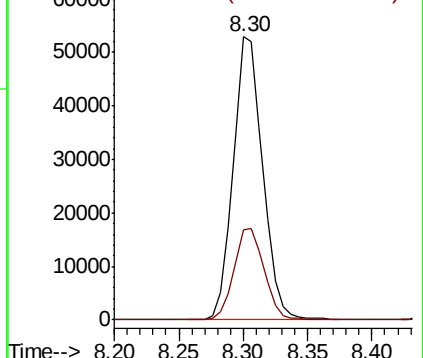
63 100

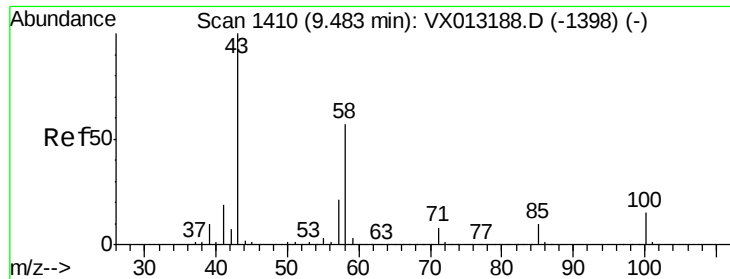
106 33.2 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

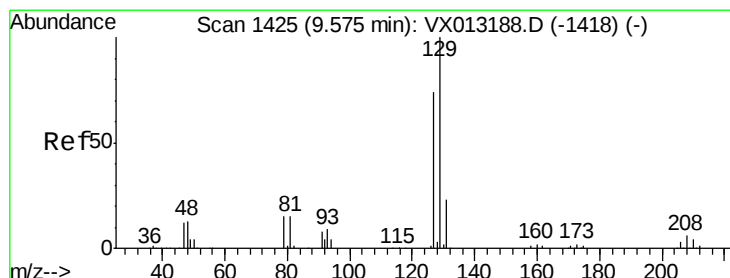
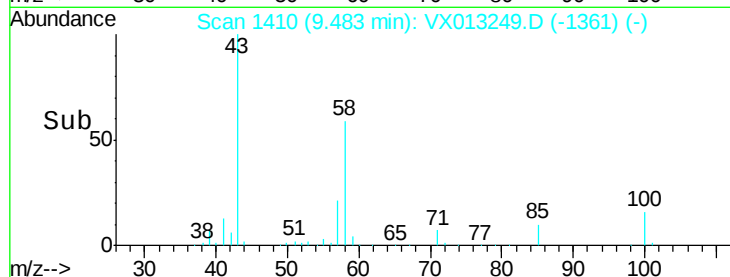
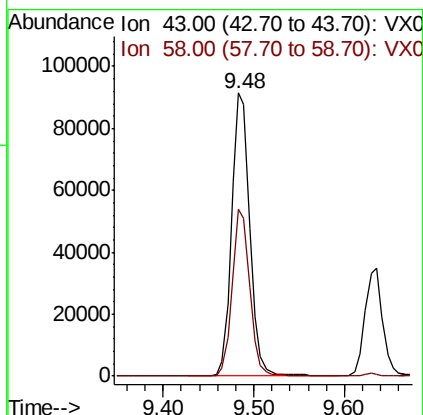
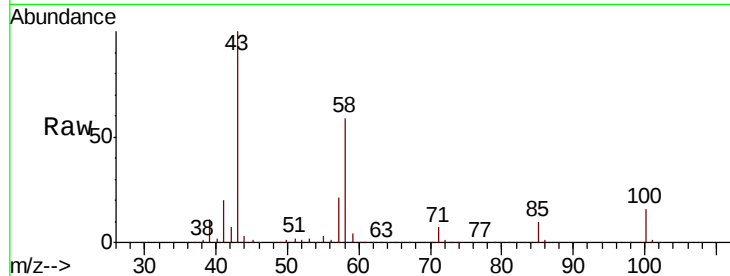




#59
2-Hexanone
Concen: 93.007 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

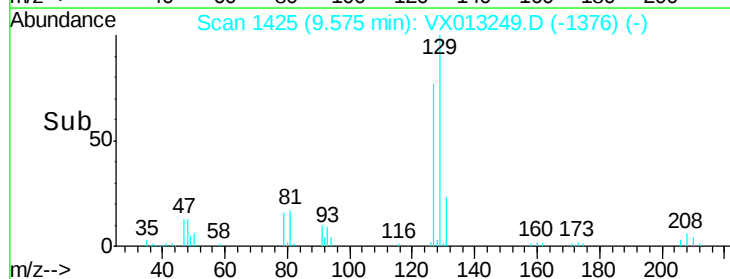
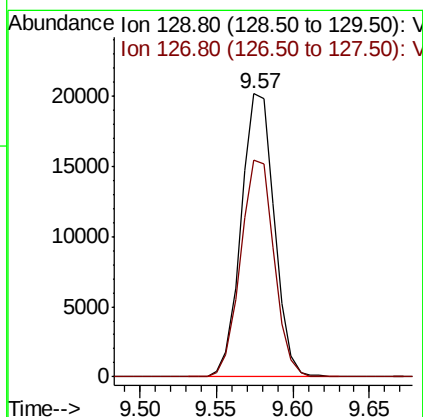
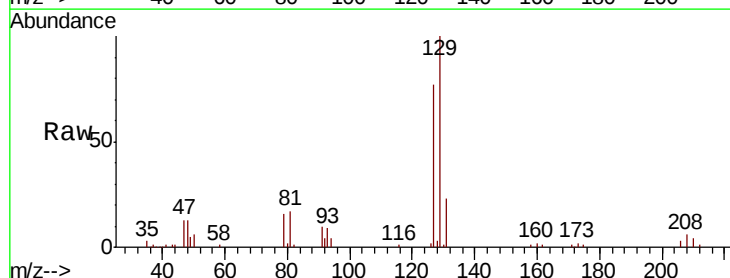
Instrument :
MSVOA_X
ClientSampled :
VX1028WBSD01

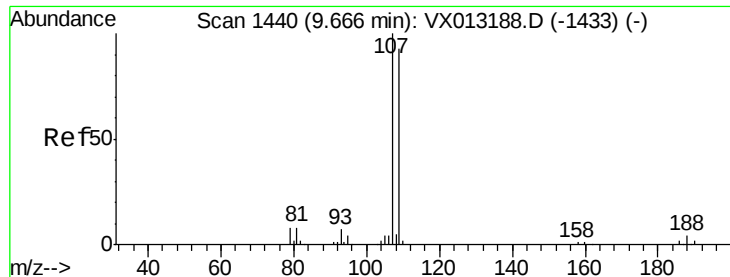
Tot Ion: 43 Resp: 129072
Ion Ratio Lower Upper
43 100
58 57.4 28.2 84.7



#60
Dibromochloromethane
Concen: 20.596 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 129 Resp: 30342
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.198 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

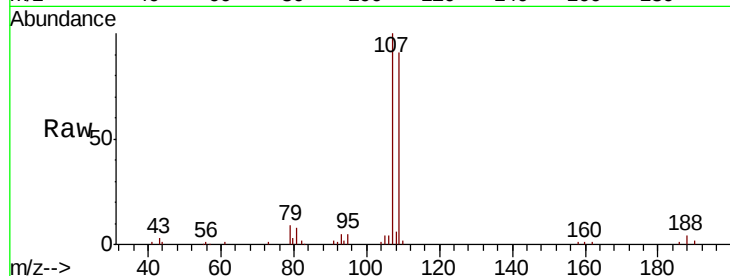
VX1028WBSD01

Tot Ion:107 Resp: 30147

Ion Ratio Lower Upper

107 100

109 92.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

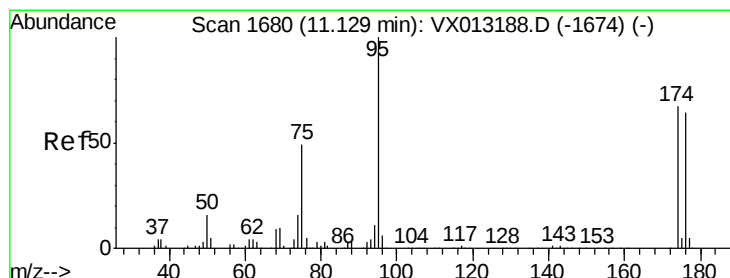
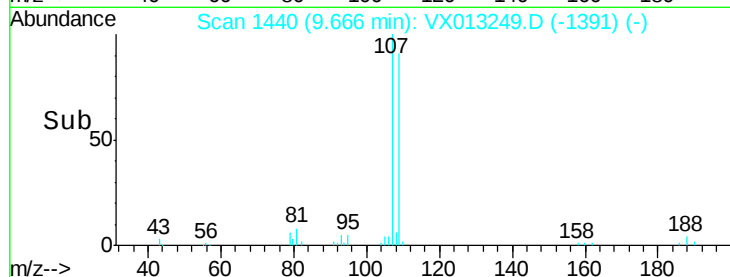
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.907 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

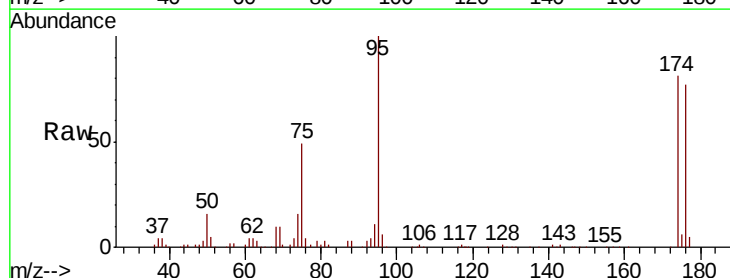
Tgt Ion: 95 Resp: 88955

Ion Ratio Lower Upper

95 100

174 77.2 0.0 152.4

176 74.2 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

80000

60000

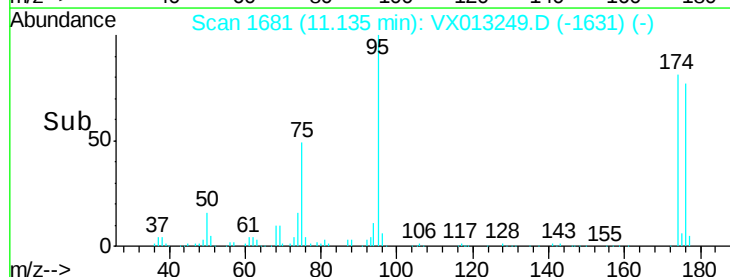
40000

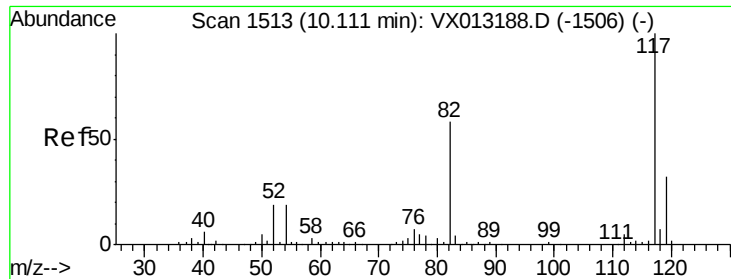
20000

0

Time-->

11.05 11.10 11.15 11.20

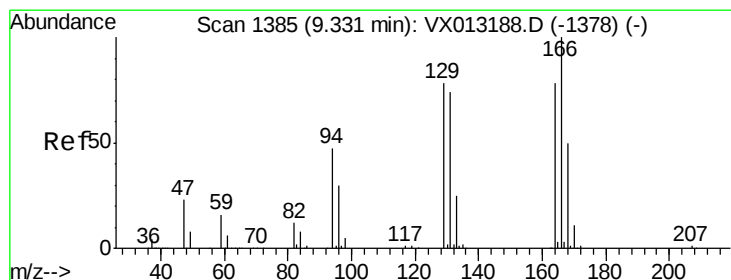
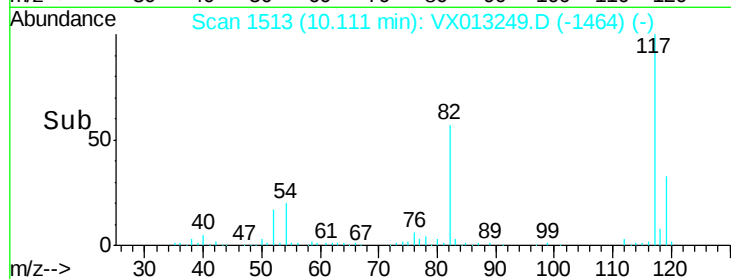
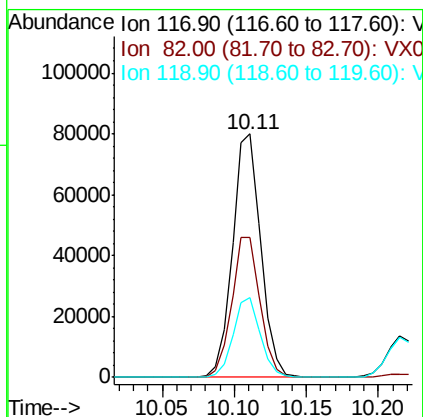
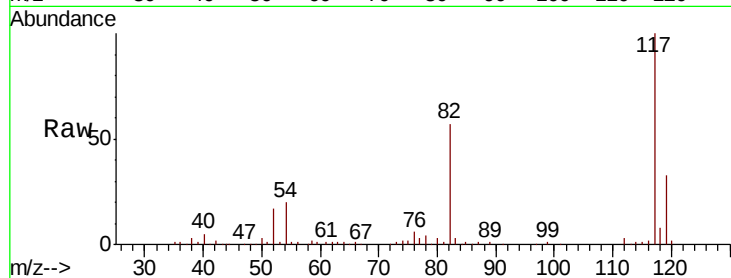




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

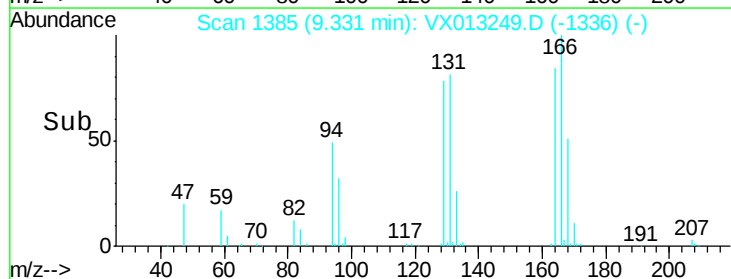
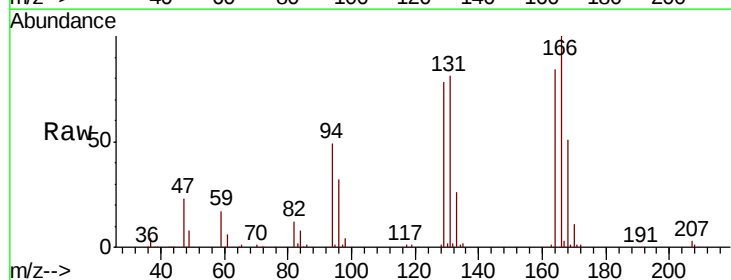
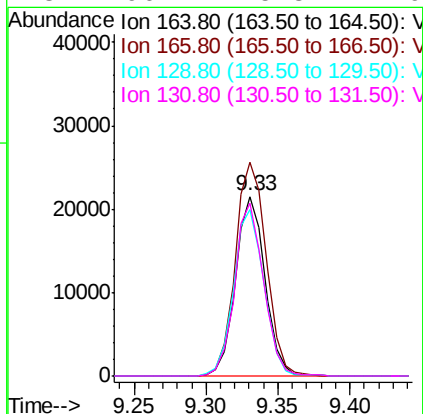
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

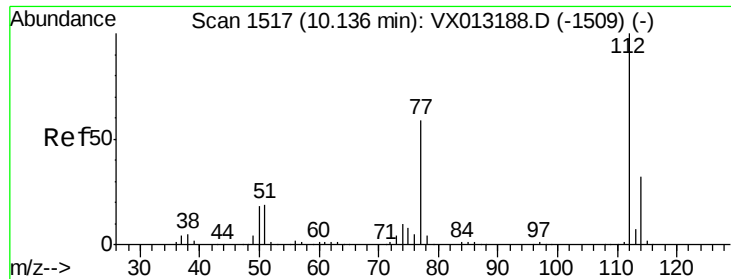
Tot Ion:117 Resp: 109638
Ion Ratio Lower Upper
117 100
82 57.4 46.5 69.7
119 33.0 25.2 37.8



#64
Tetrachloroethene
Concen: 21.454 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion:164 Resp: 30511
Ion Ratio Lower Upper
164 100
166 119.1 102.2 153.4
129 93.1 79.8 119.8
131 96.2 75.3 112.9

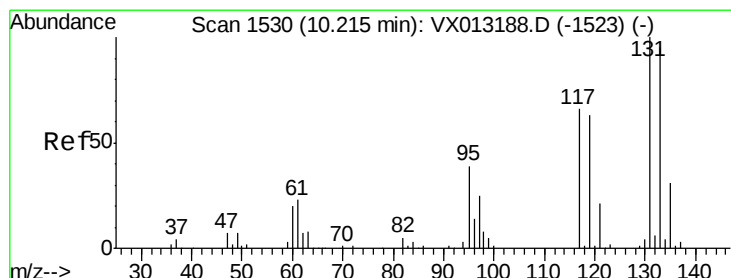
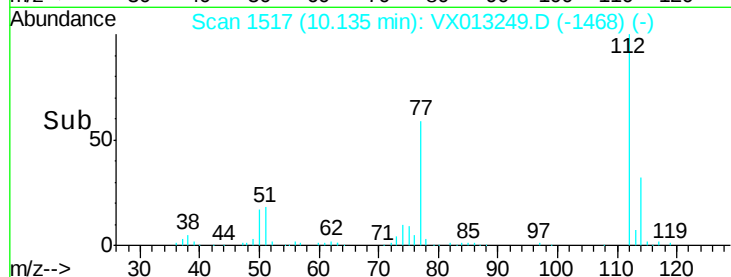
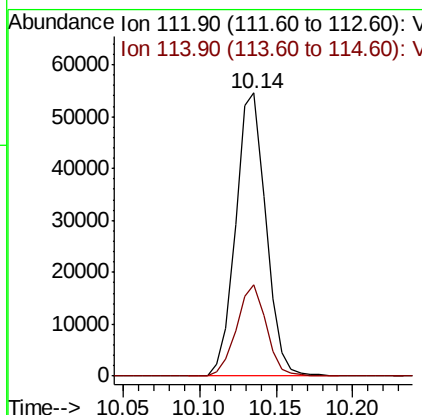
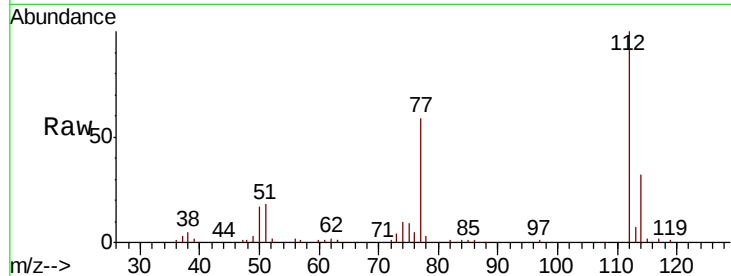




#65
Chlorobenzene
Concen: 19.474 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

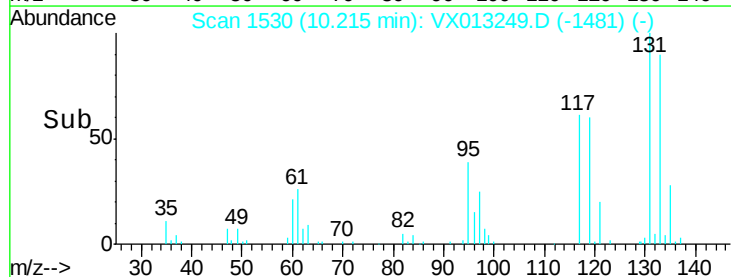
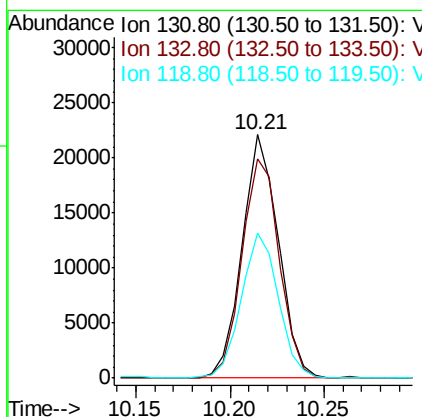
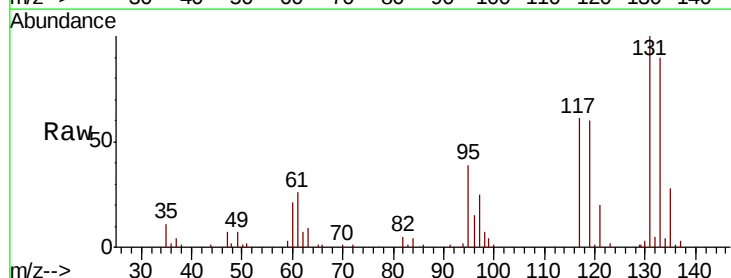
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

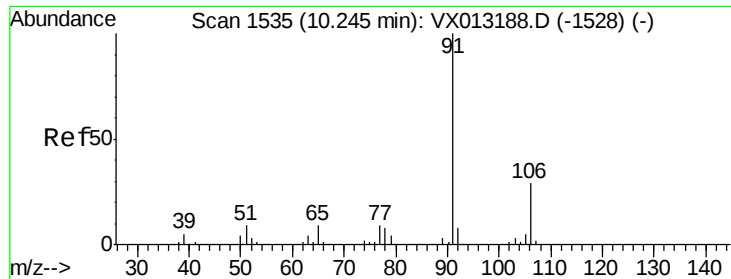
Tot Ion:112 Resp: 74739
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.844 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion:131 Resp: 29553
Ion Ratio Lower Upper
131 100
133 92.7 48.4 145.2
119 61.0 32.4 97.0

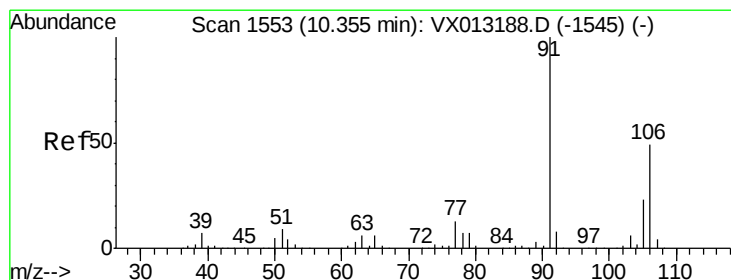
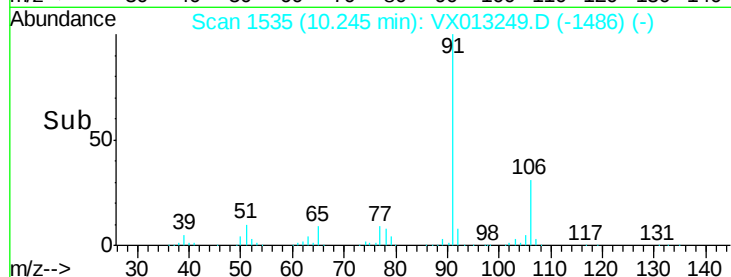
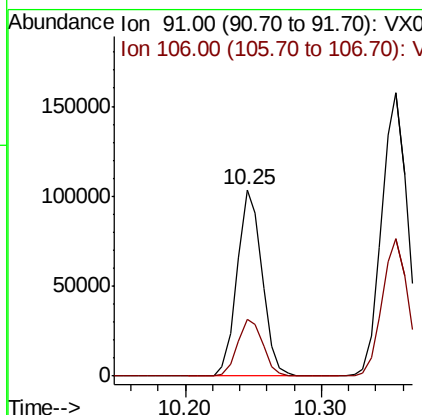
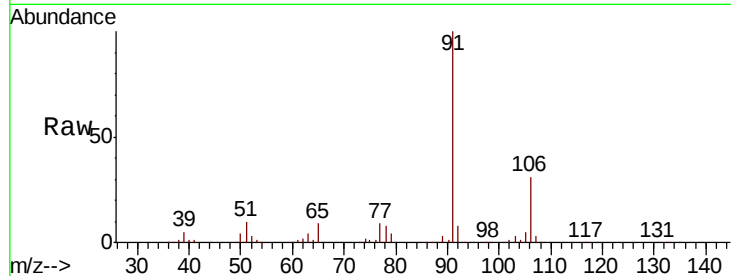




#67
Ethyl Benzene
Concen: 19.342 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

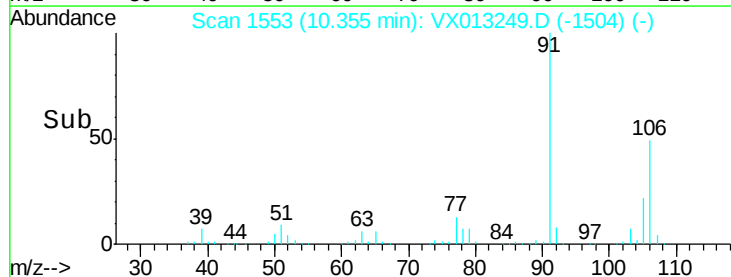
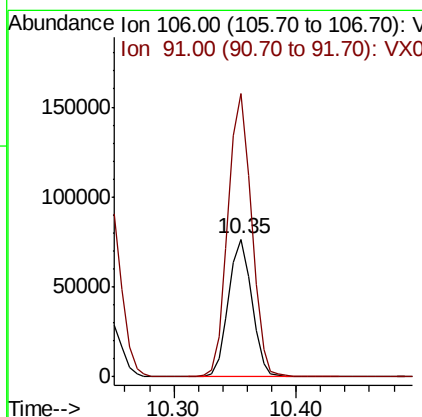
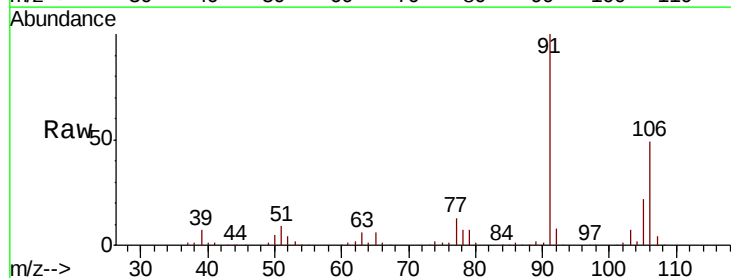
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

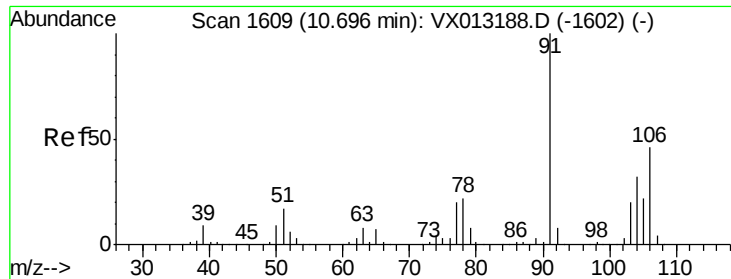
Tot Ion: 91 Resp: 132893
Ion Ratio Lower Upper
91 100
106 30.8 23.5 35.3



#68
m/p-Xylenes
Concen: 39.116 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 106 Resp: 101568
Ion Ratio Lower Upper
106 100
91 207.5 166.8 250.2

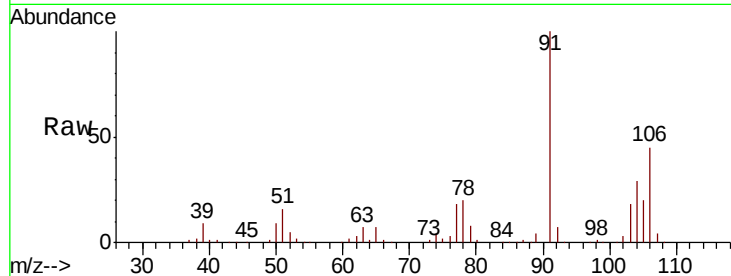




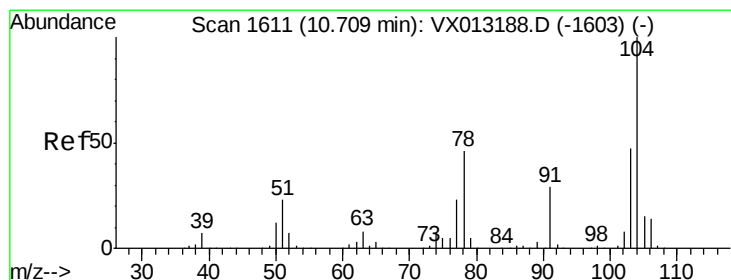
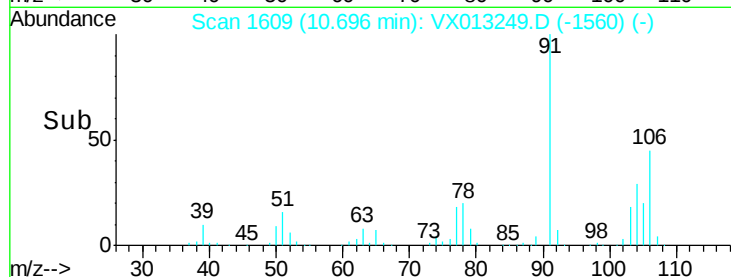
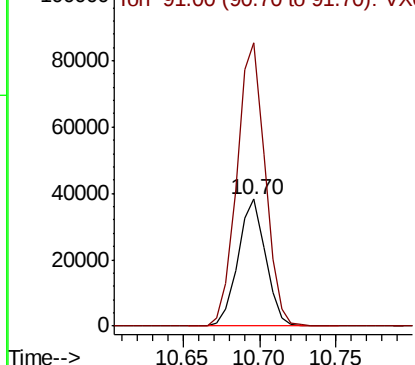
#69
o-Xylene
Concen: 19.293 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tot Ion:106 Resp: 48057
Ion Ratio Lower Upper
106 100
91 227.5 110.7 331.9

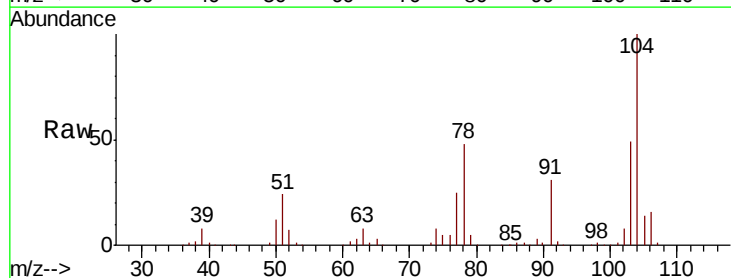


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

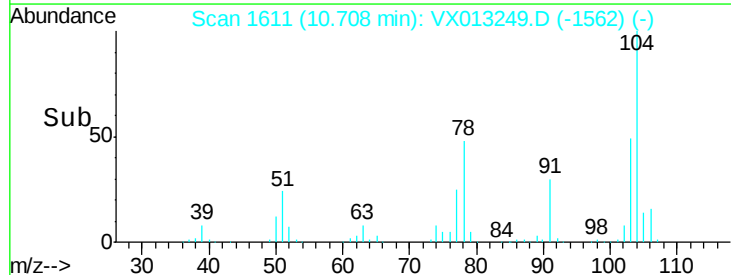
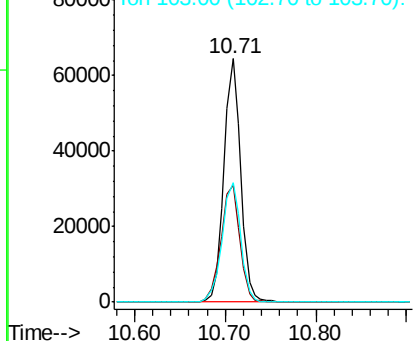


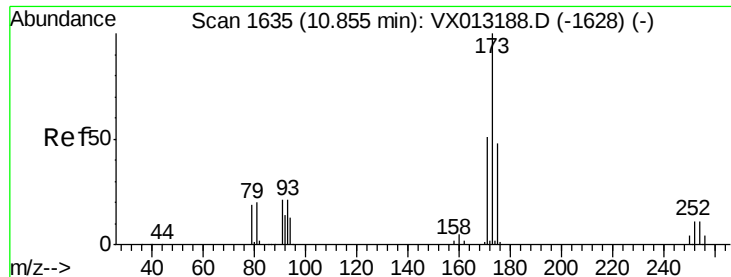
#70
Styrene
Concen: 19.461 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion:104 Resp: 83469
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.3 42.8 64.2



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: 20.581 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

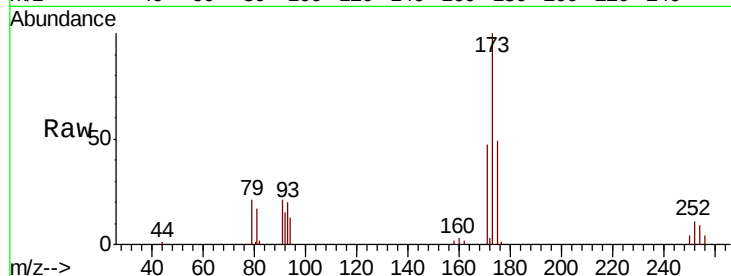
Tot Ion:173 Resp: 21321

Ion Ratio Lower Upper

173 100

175 49.5 24.3 72.8

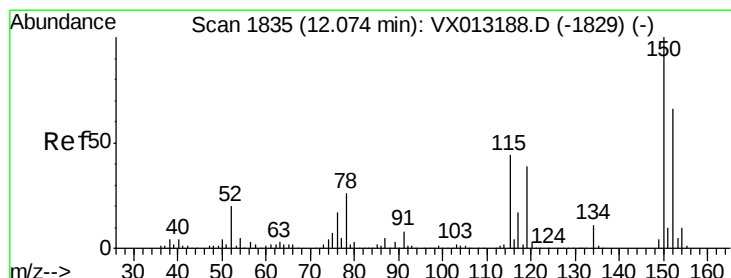
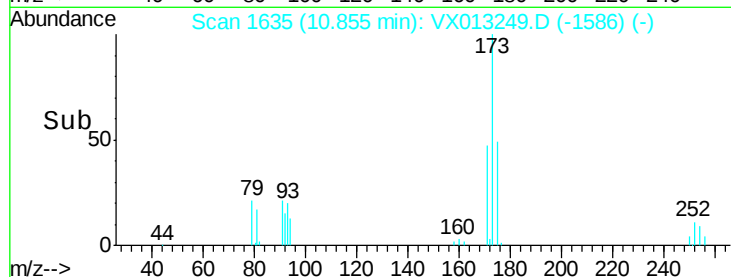
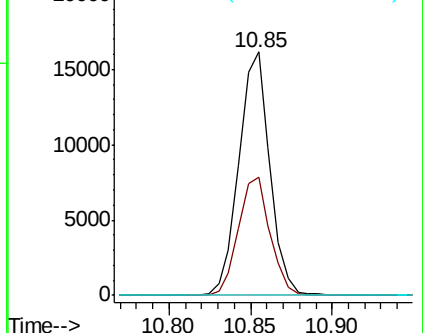
254 0.0 0.1 0.1#



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: VX013249.D

Acq: 28 Oct 2019 15:48

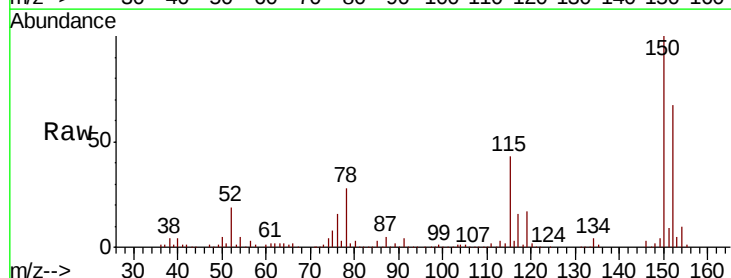
Tgt Ion:152 Resp: 76207

Ion Ratio Lower Upper

152 100

115 74.4 46.6 139.8

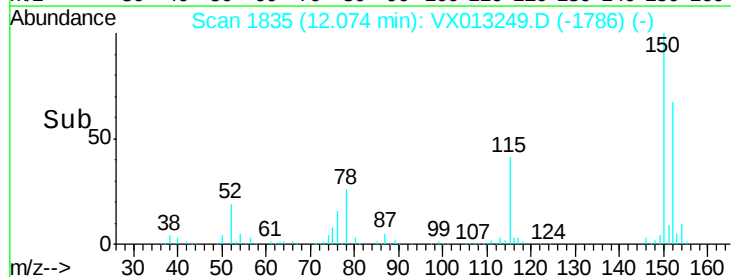
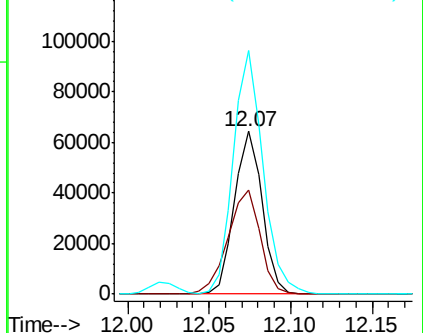
150 160.6 0.0 354.0

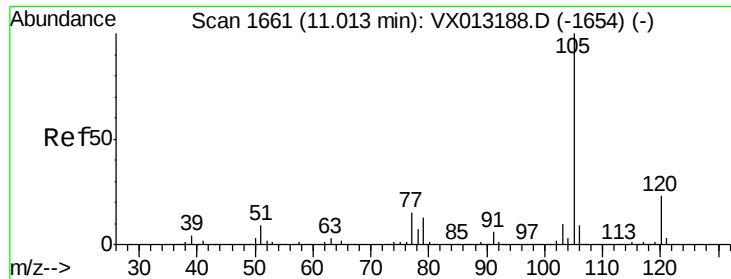


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.414 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

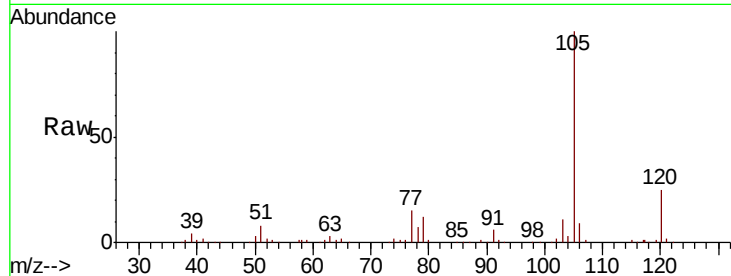
VX1028WBSD01

Tot Ion:105 Resp: 134348

Ion Ratio Lower Upper

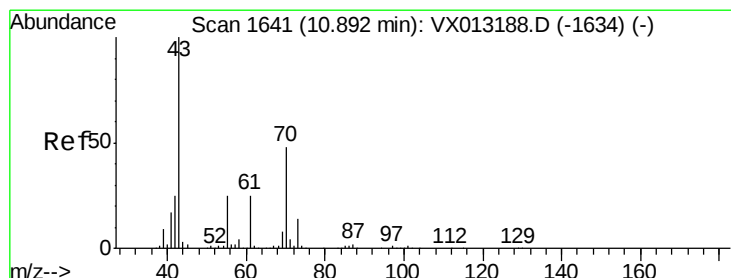
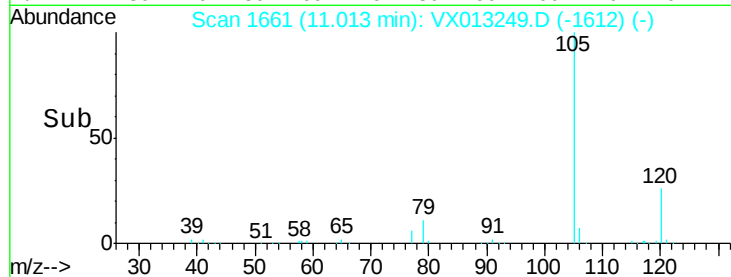
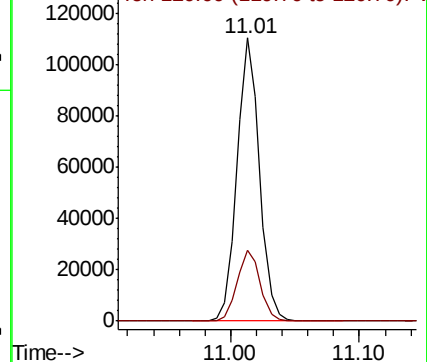
105 100

120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.861 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Tgt Ion: 43 Resp: 45365

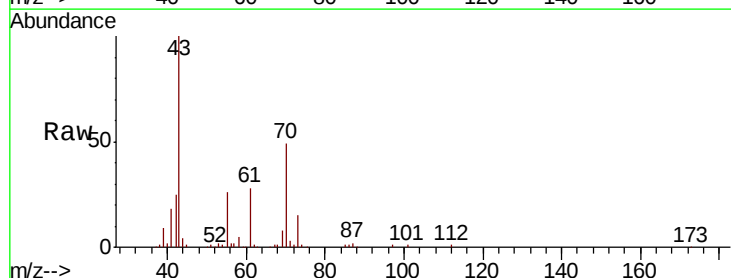
Ion Ratio Lower Upper

43 100

70 49.0 38.5 57.7

55 26.3 20.7 31.1

61 27.3 20.8 31.2

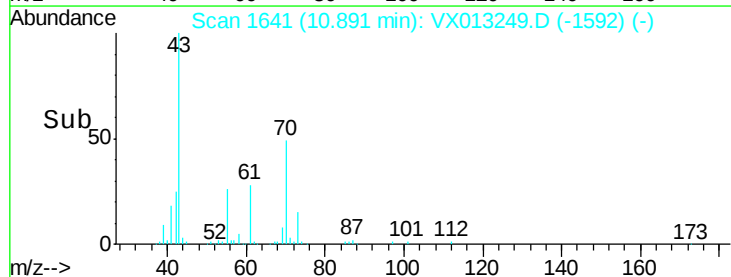
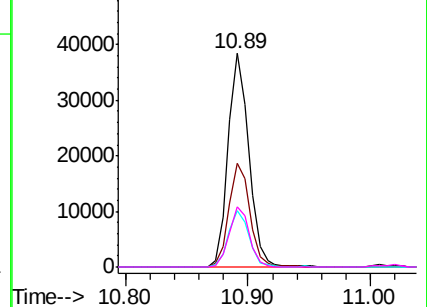


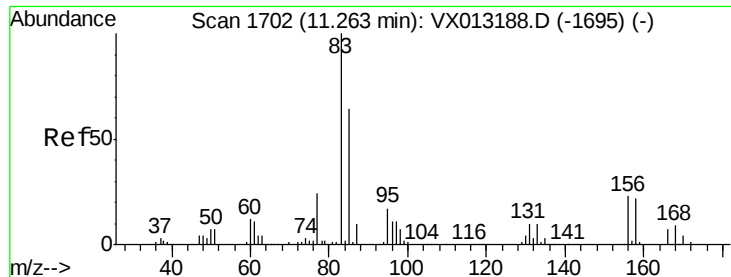
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.467 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

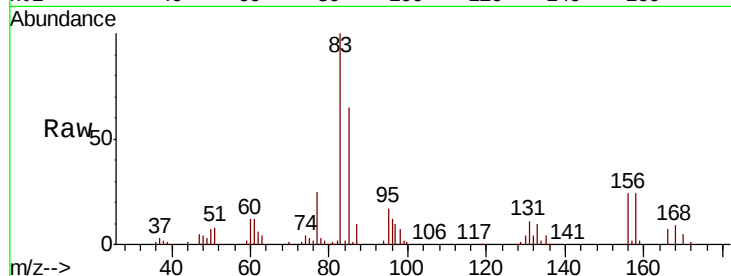
Tot Ion: 83 Resp: 38804

Ion Ratio Lower Upper

83 100

131 11.7 5.3 16.1

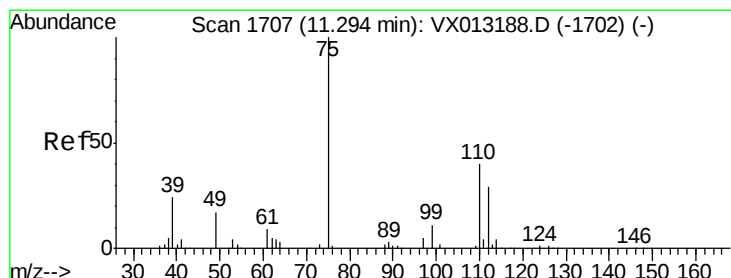
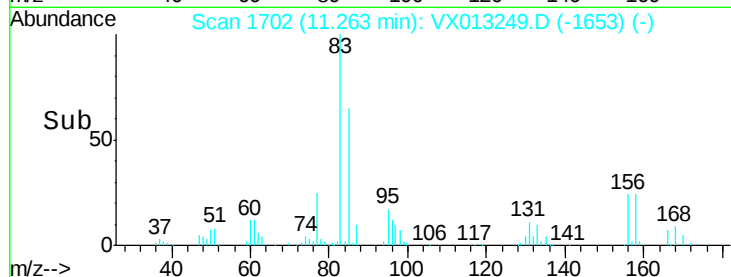
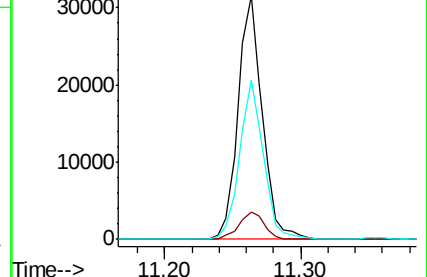
85 64.9 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.623 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013249.D

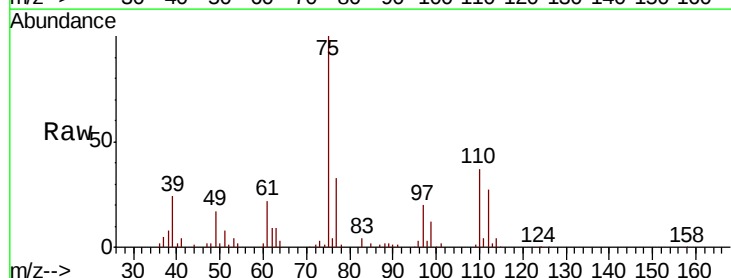
Acq: 28 Oct 2019 15:48

Tgt Ion: 75 Resp: 47063

Ion Ratio Lower Upper

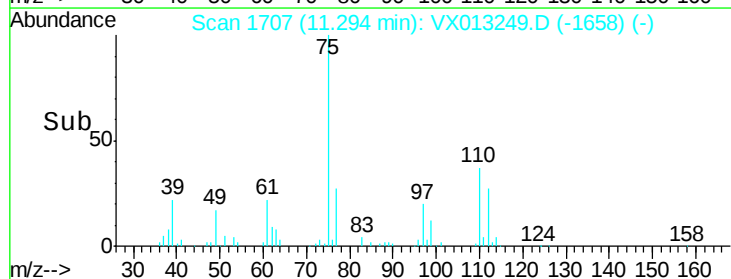
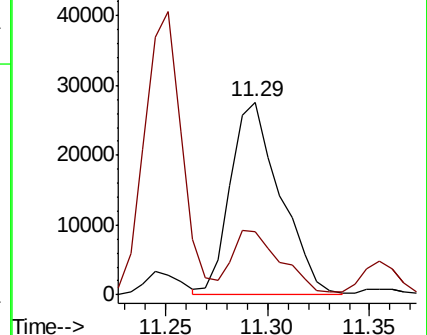
75 100

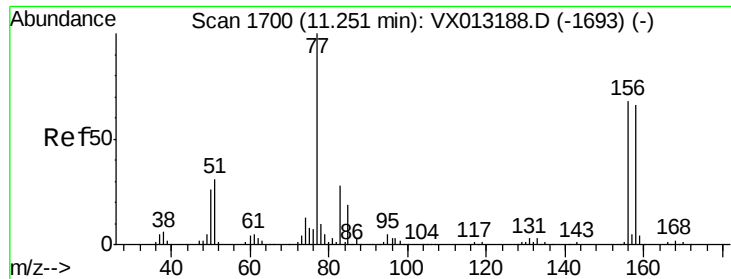
77 32.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.602 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

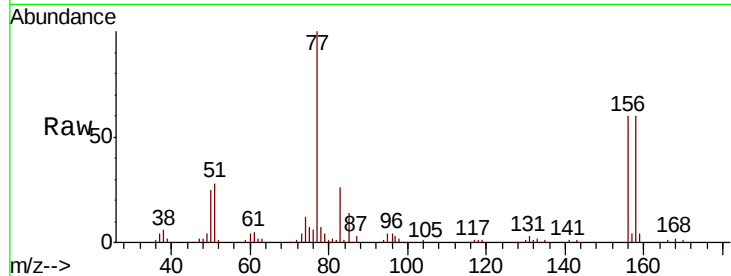
Tot Ion:156 Resp: 30854

Ion Ratio Lower Upper

156 100

77 167.5 81.7 245.1

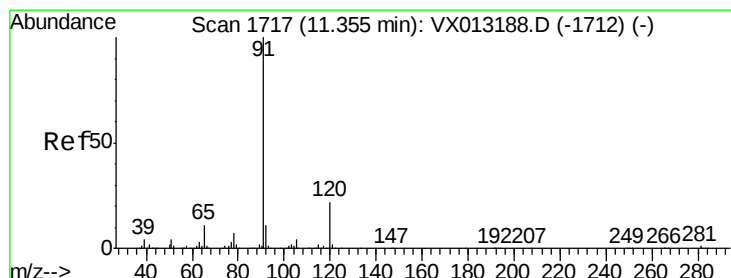
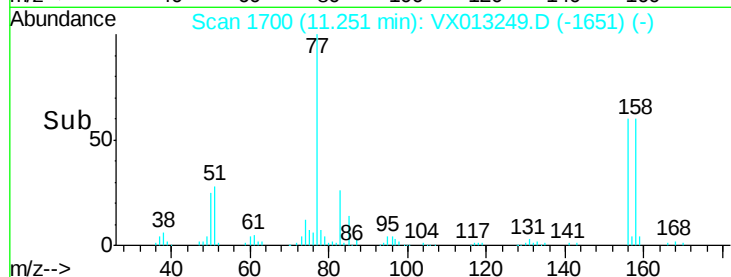
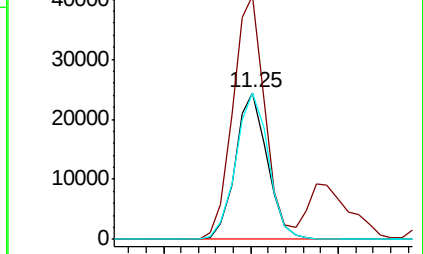
158 102.1 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.049 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013249.D

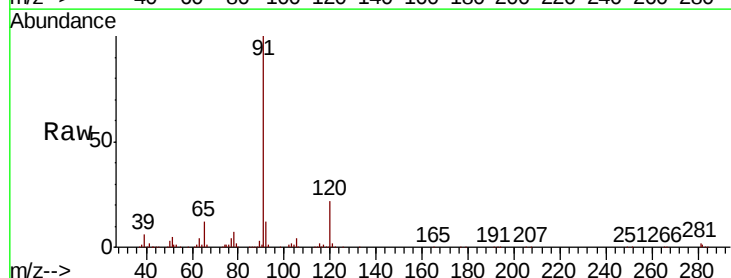
Acq: 28 Oct 2019 15:48

Tgt Ion: 91 Resp: 143195

Ion Ratio Lower Upper

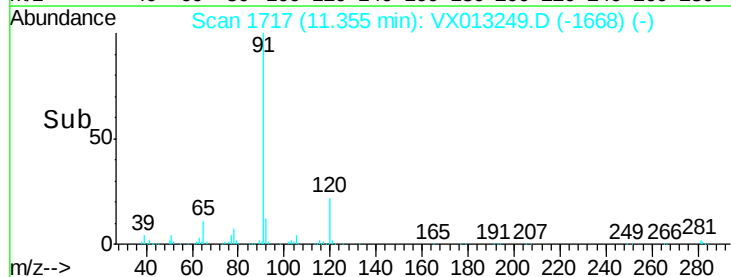
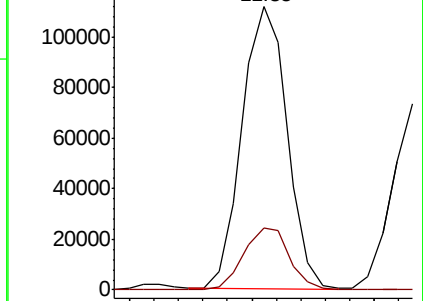
91 100

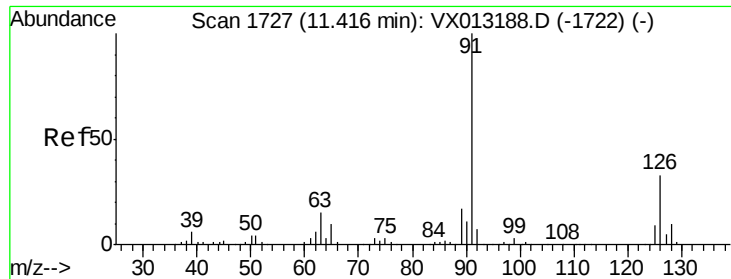
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

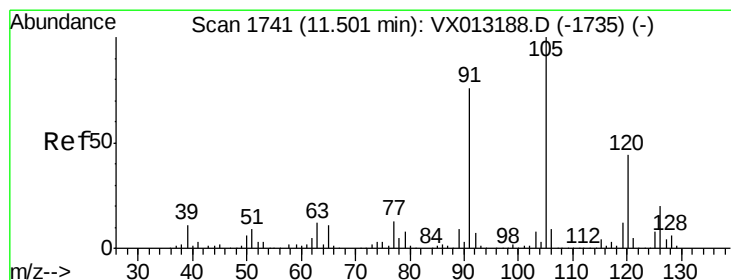
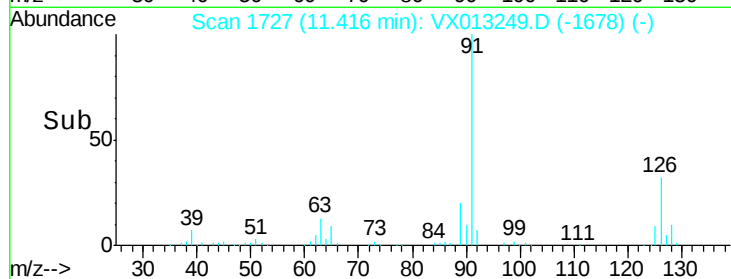
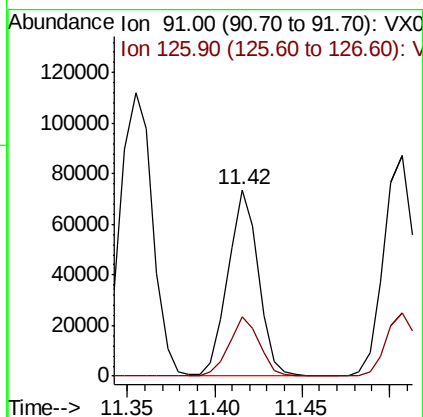
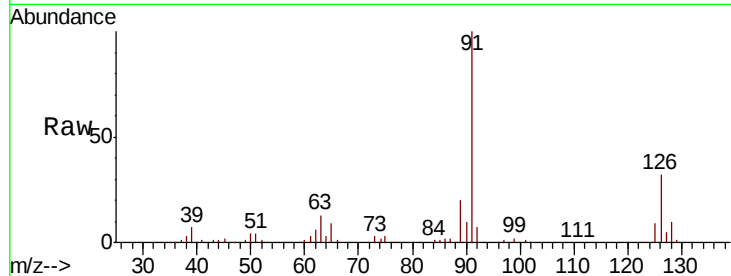




#79
 2-Chlorotoluene
 Concen: 18.619 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

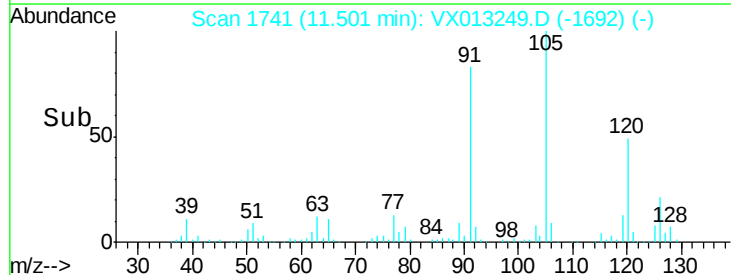
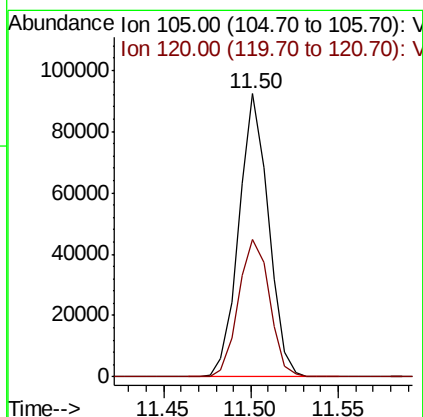
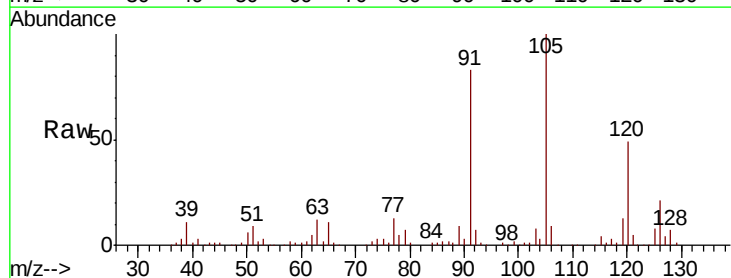
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

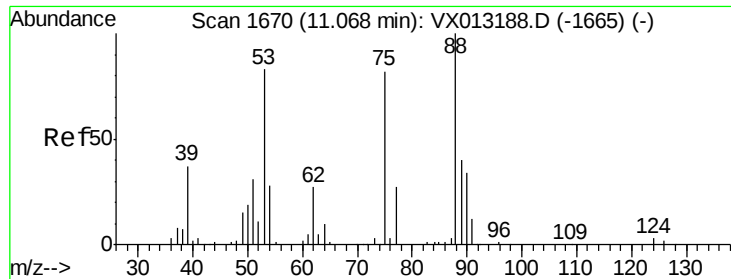
Tot Ion: 91 Resp: 88434
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 18.847 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion: 105 Resp: 108410
 Ion Ratio Lower Upper
 105 100
 120 51.3 23.4 70.0

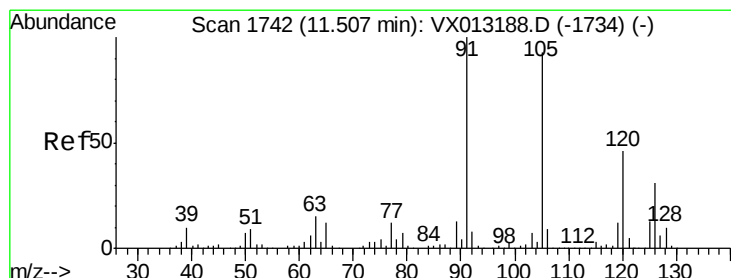
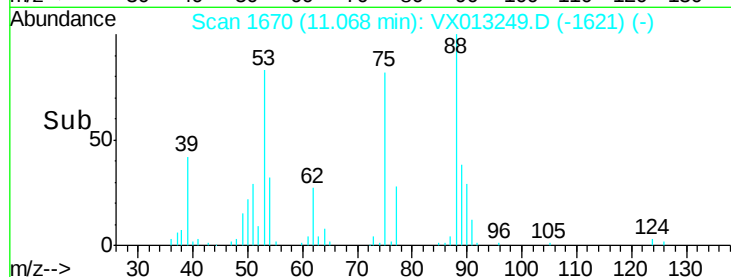
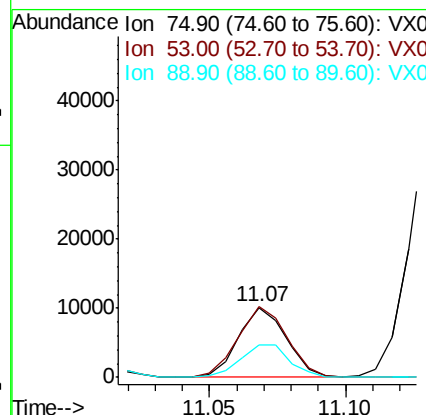
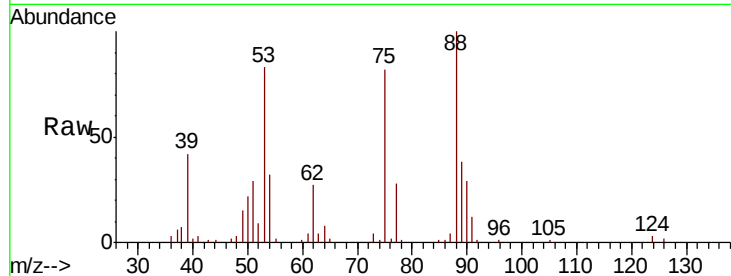




#81
trans-1,4-Dichloro-2-butene
Concen: 18.598 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

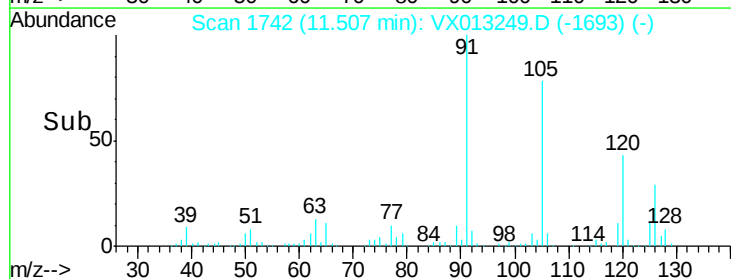
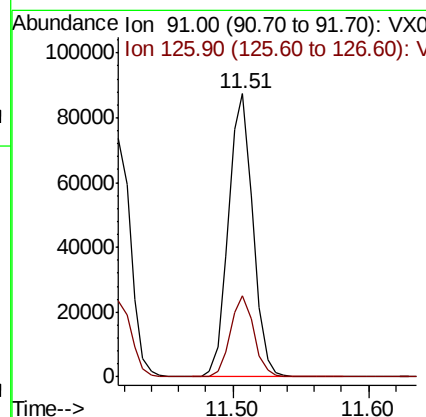
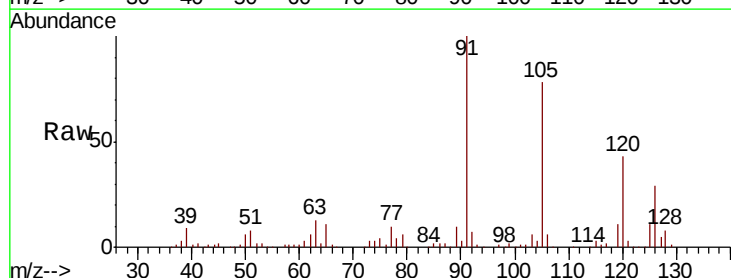
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

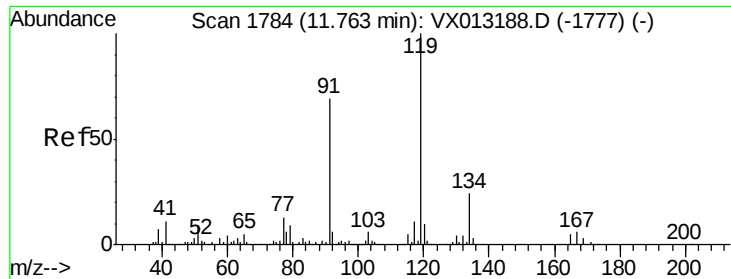
Tot Ion: 75 Resp: 12431
Ion Ratio Lower Upper
75 100
53 103.2 77.9 116.9
89 47.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 20.194 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion: 91 Resp: 108674
Ion Ratio Lower Upper
91 100
126 27.5 14.6 44.0

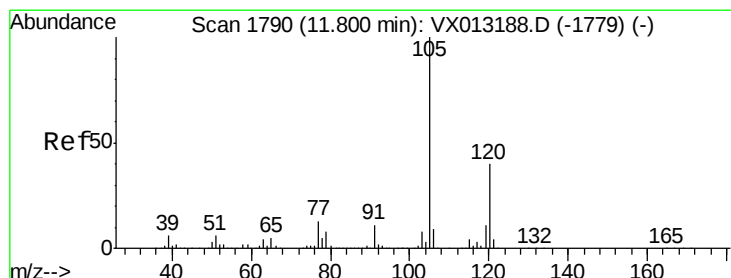
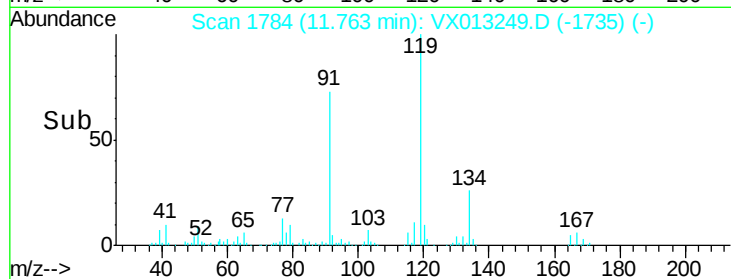
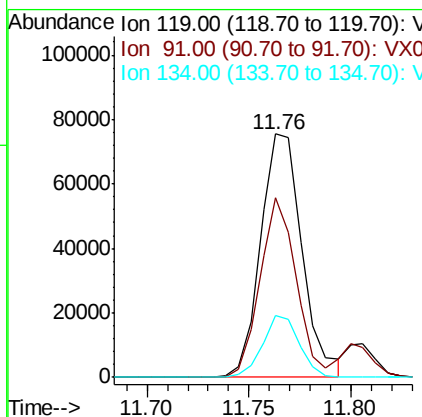
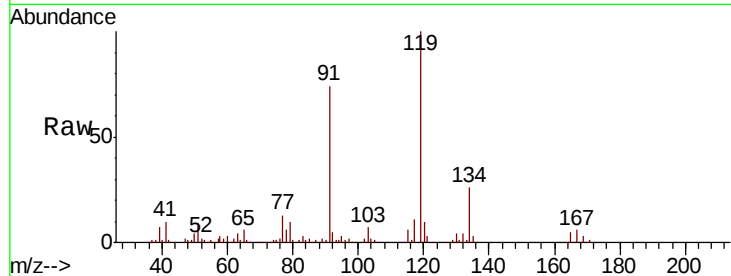




#83
 tert-Butylbenzene
 Concen: 18.840 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

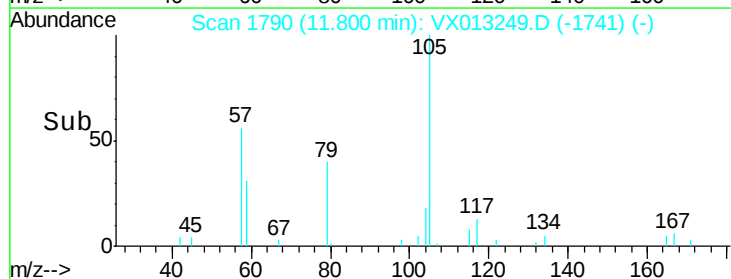
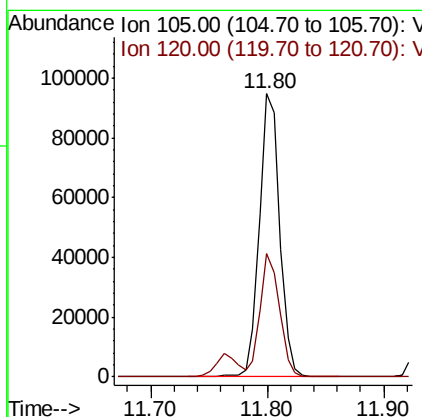
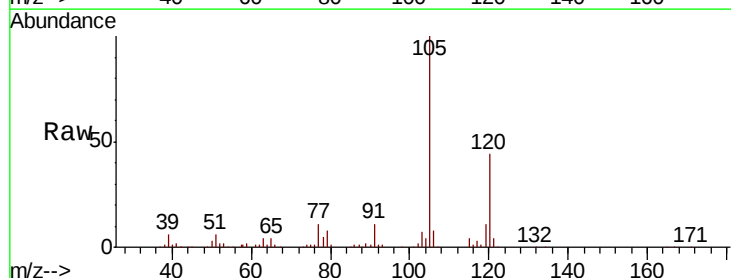
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

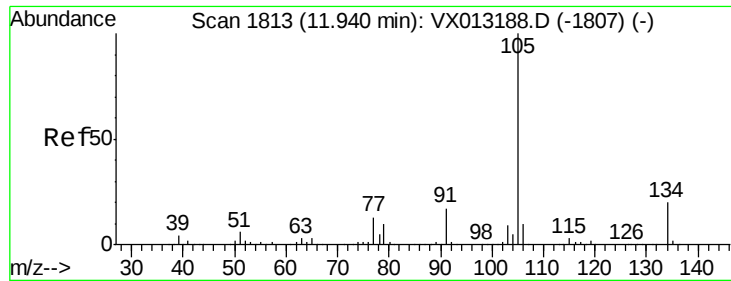
Tot Ion:119 Resp: 107220
 Ion Ratio Lower Upper
 119 100
 91 64.2 30.8 92.4
 134 22.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.015 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion:105 Resp: 116125
 Ion Ratio Lower Upper
 105 100
 120 41.7 21.4 64.3





#85

sec-Butylbenzene

Concen: 19.543 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

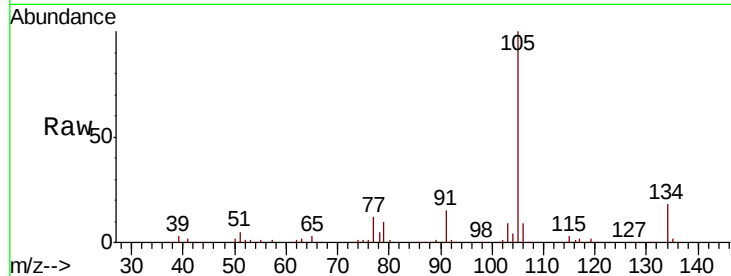
VX1028WBSD01

Tot Ion:105 Resp: 126568

Ion Ratio Lower Upper

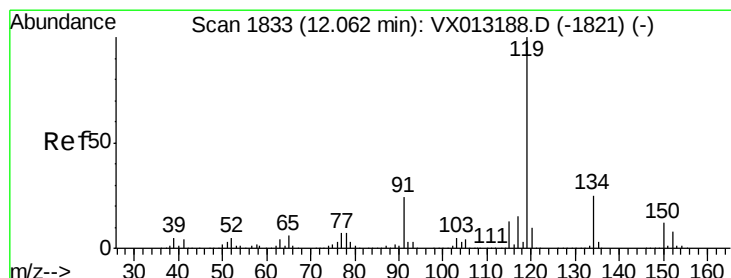
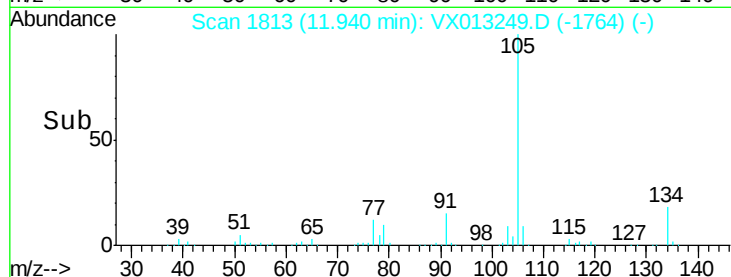
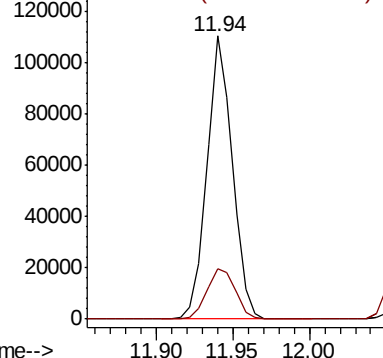
105 100

134 19.9 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.087 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

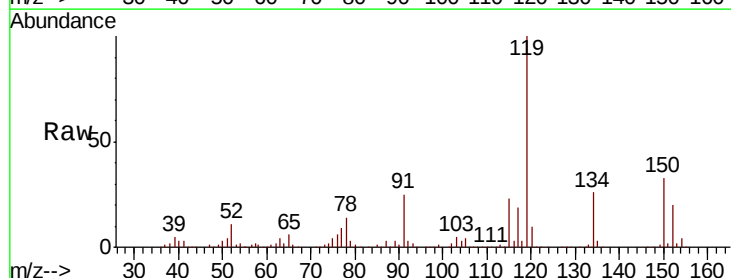
Tgt Ion:119 Resp: 122214

Ion Ratio Lower Upper

119 100

134 24.7 12.5 37.5

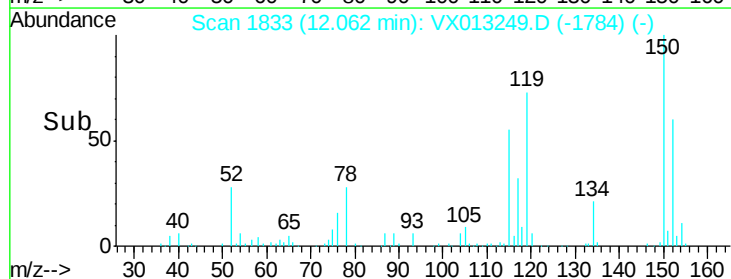
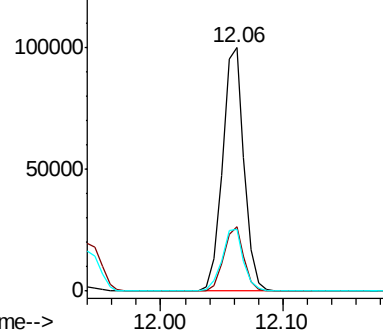
91 25.3 12.4 37.2

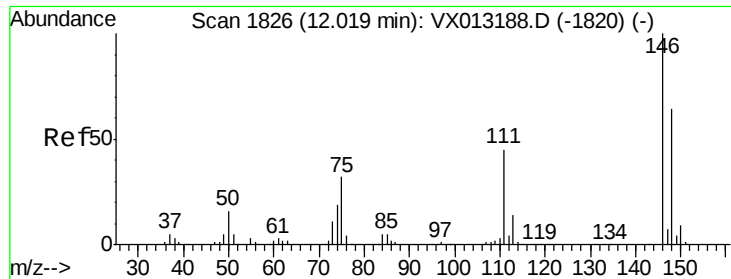


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

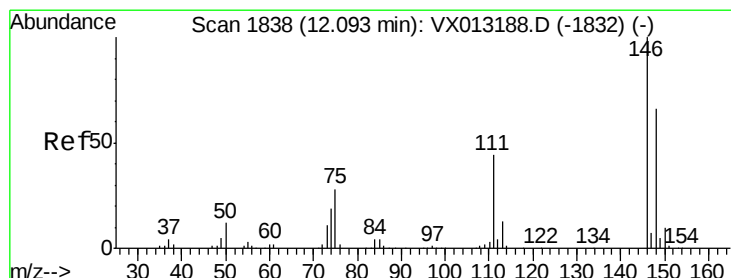
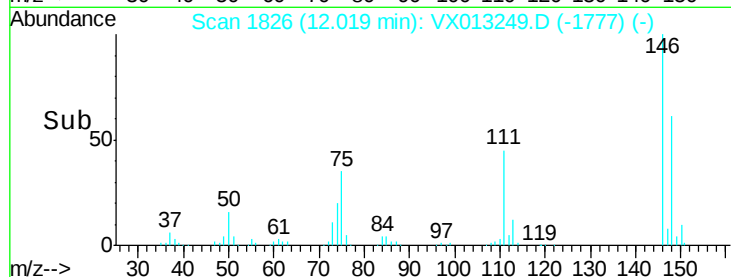
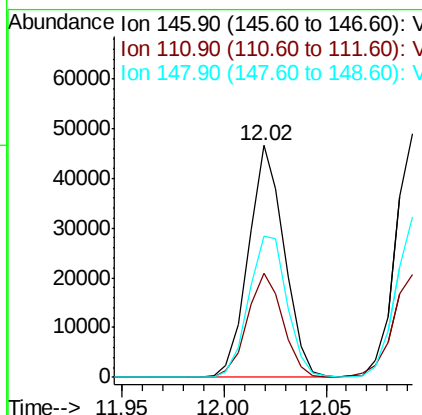
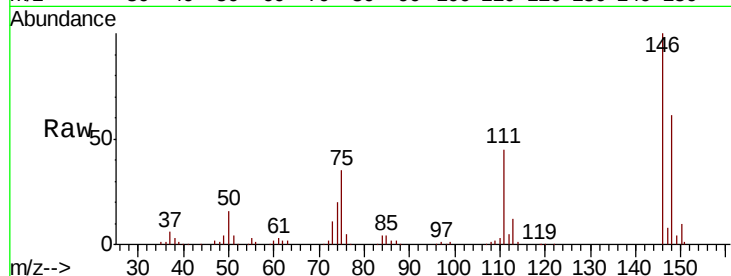




#87
 1,3-Dichlorobenzene
 Concen: 19.016 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

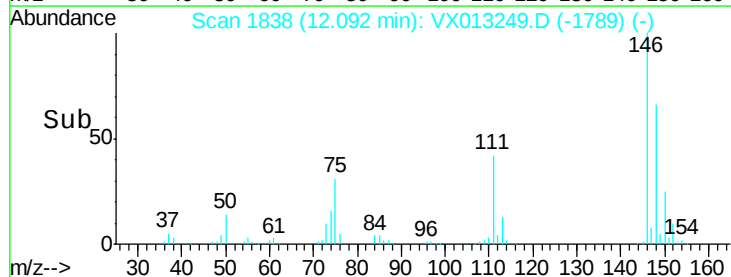
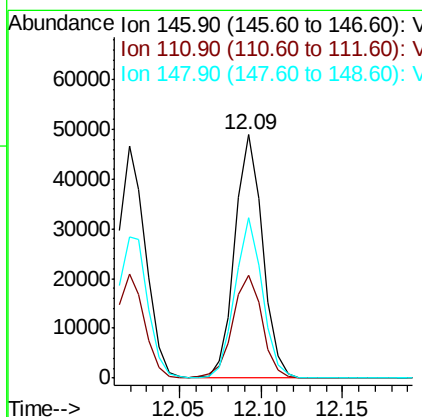
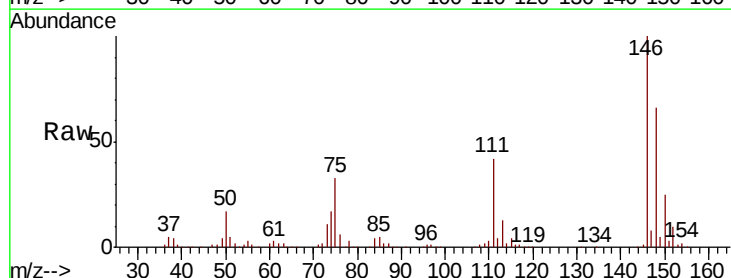
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

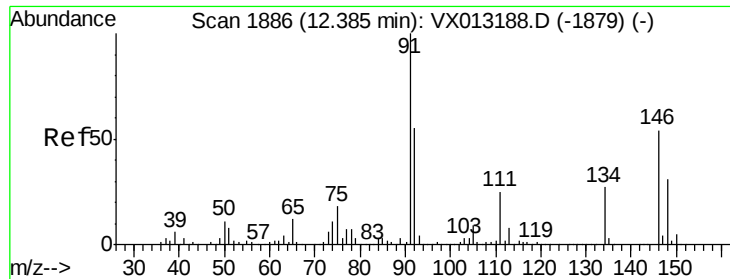
Tot Ion:146 Resp: 56979
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.3 63.9
 148 65.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.988 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion:146 Resp: 57927
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.3 63.9
 148 65.0 32.5 97.5





#89

n-Butylbenzene

Concen: 18.344 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013249.D

Acq: 28 Oct 2019 15:48

Instrument :

MSVOA_X

ClientSampled :

VX1028WBSD01

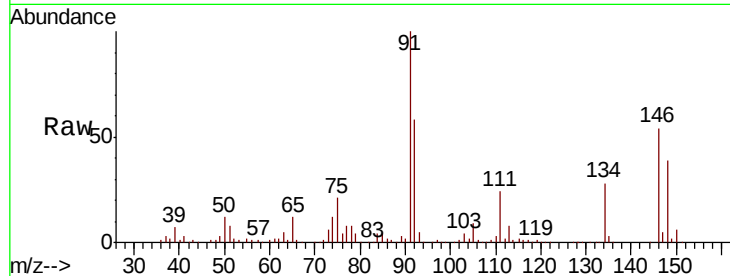
Tot Ion: 91 Resp: 91302

Ion Ratio Lower Upper

91 100

92 58.0 27.7 83.1

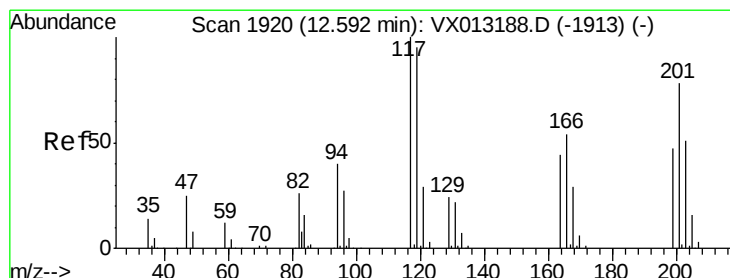
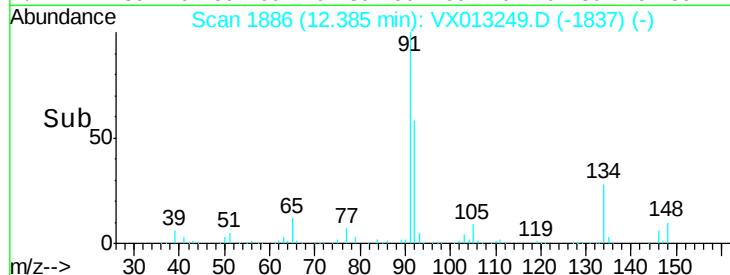
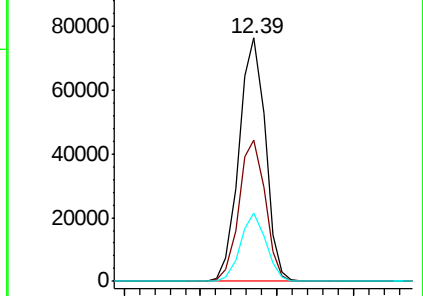
134 27.1 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX013188.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX013188.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX013188.D (-1879) (-)



#90

Hexachloroethane

Concen: 18.666 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013249.D

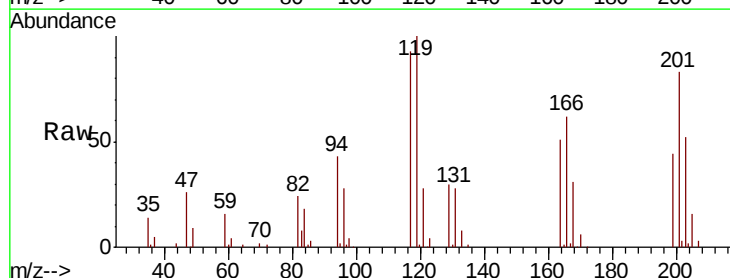
Acq: 28 Oct 2019 15:48

Tgt Ion: 117 Resp: 19019

Ion Ratio Lower Upper

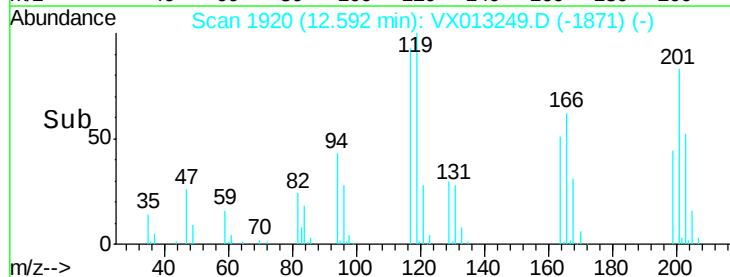
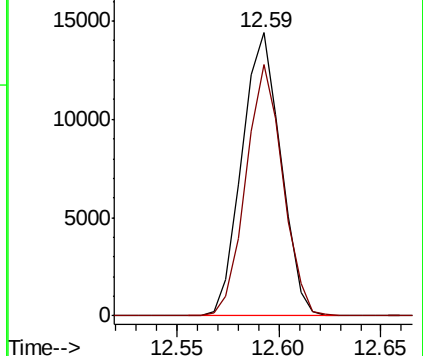
117 100

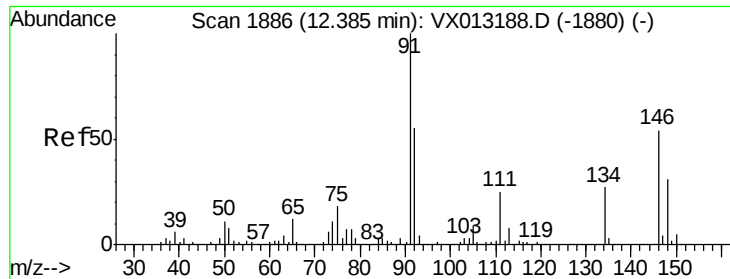
201 84.8 39.0 116.9



Abundance Ion 116.80 (116.50 to 117.50): VX013188.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX013188.D (-1913) (-)

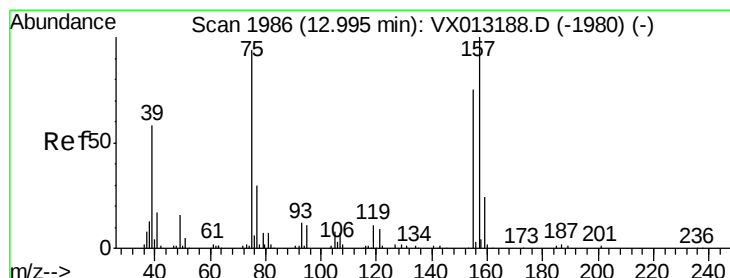
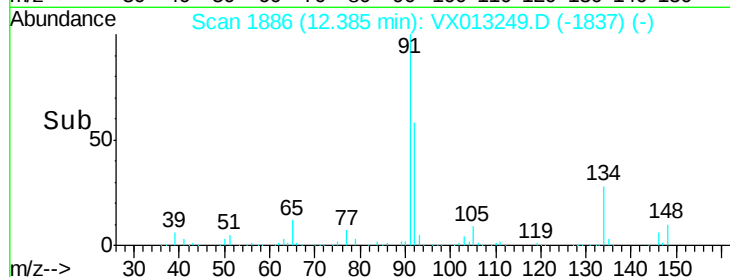
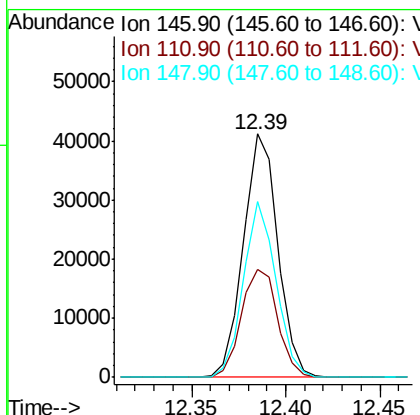
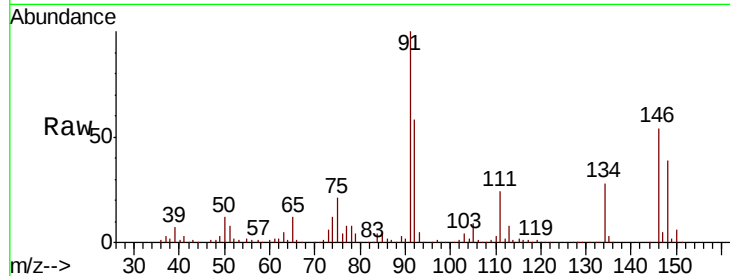




#91
 1,2-Dichlorobenzene
 Concen: 17.730 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

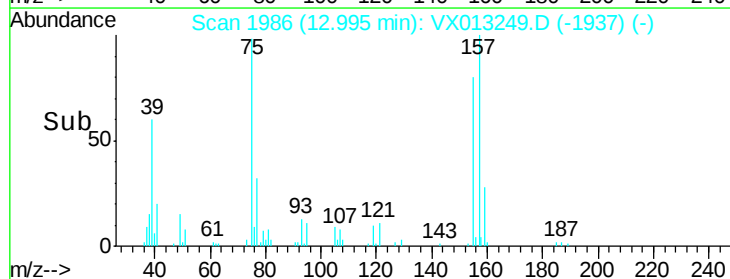
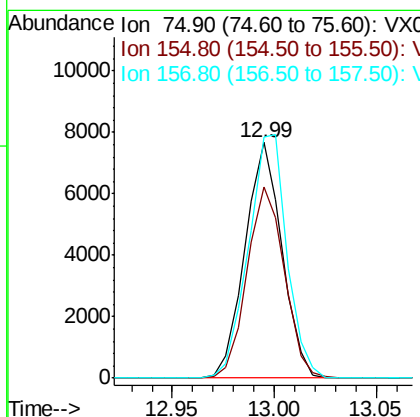
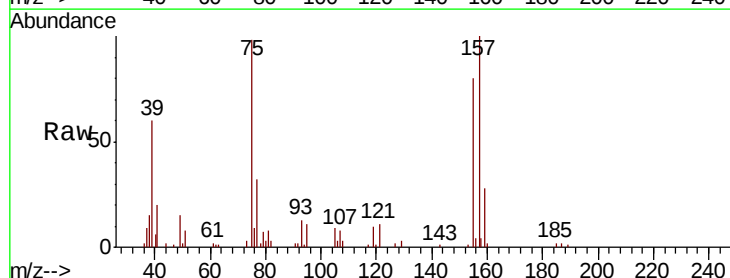
Instrument :
 MSVOA_X
 ClientSampled :
 VX1028WBSD01

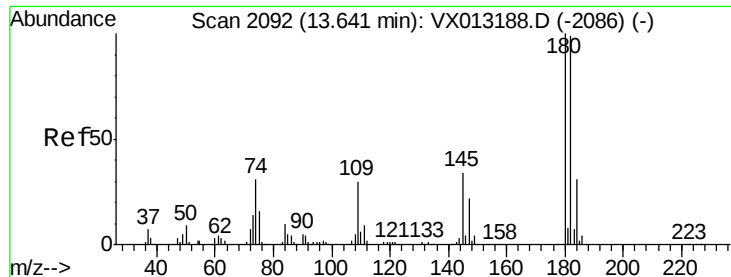
Tot Ion:146 Resp: 52241
 Ion Ratio Lower Upper
 146 100
 111 46.8 22.9 68.8
 148 68.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.458 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion: 75 Resp: 9645
 Ion Ratio Lower Upper
 75 100
 155 82.0 42.8 128.4
 157 108.0 54.3 162.8

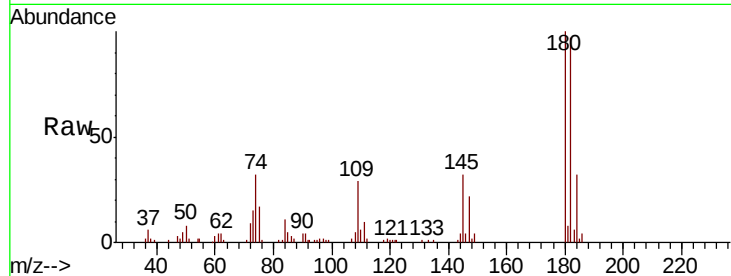




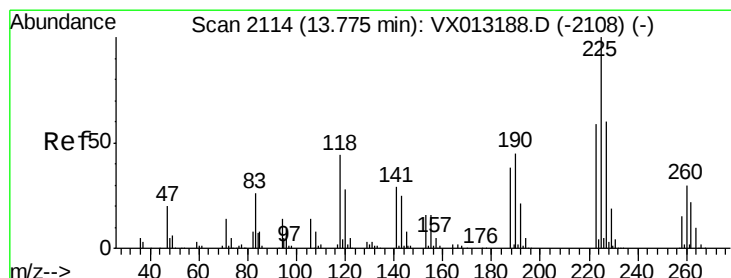
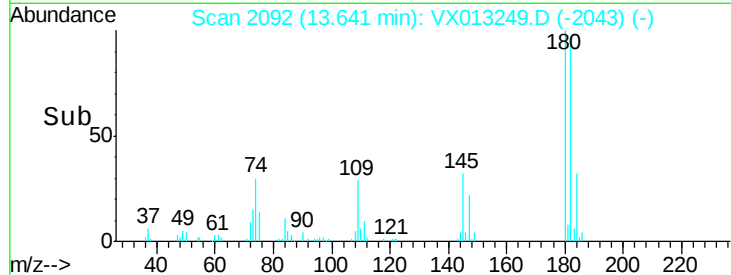
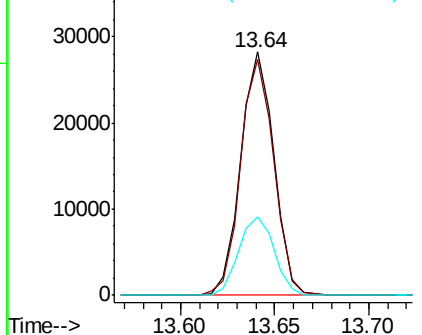
#93
 1,2,4-Trichlorobenzene
 Concen: 18.562 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	45.9	137.6
145	34.6	15.9	47.6

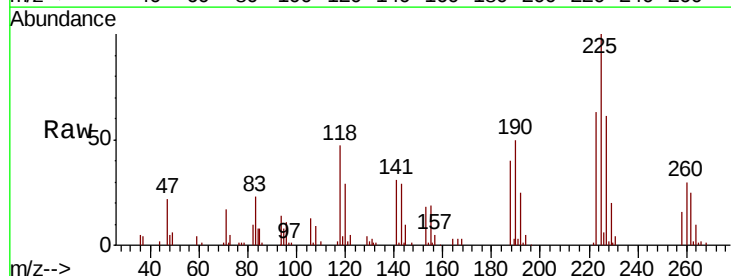


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

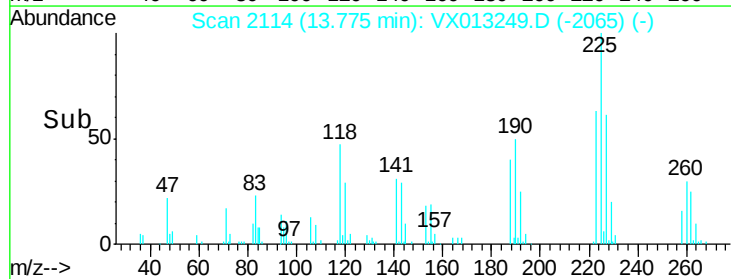
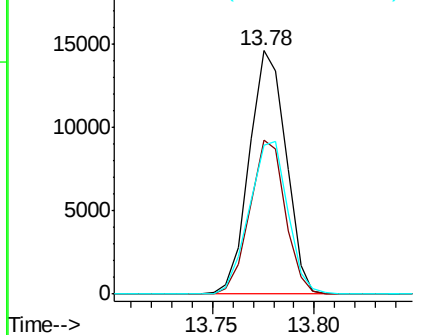


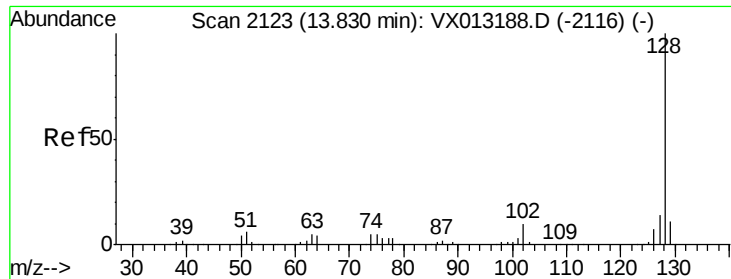
#94
 Hexachlorobutadiene
 Concen: 19.143 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013249.D
 Acq: 28 Oct 2019 15:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.9	92.5
227	65.5	30.3	90.9



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

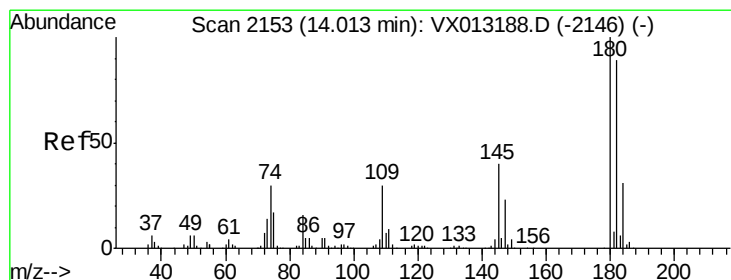
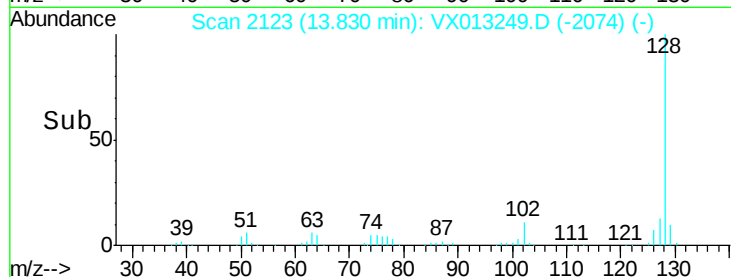
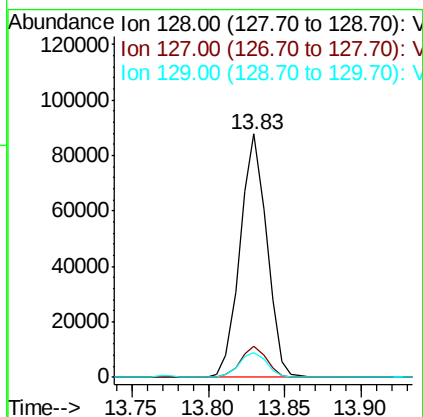
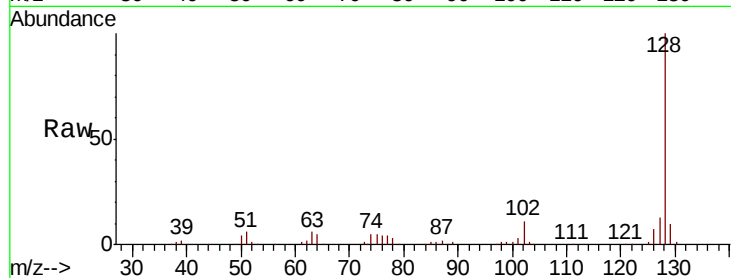




#95
Naphthalene
Concen: 18.658 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tot Ion:128 Resp: 106248
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.507 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013249.D
Acq: 28 Oct 2019 15:48

Tgt Ion:180 Resp: 35765
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.9
145 34.0 18.6 55.6

