

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102819\NOT REVIEWED DATA\
 Data File : VX013243.D
 Acq On : 28 Oct 2019 13:20
 Operator : JC/SP
 Sample : VX1028WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Quant Time: Oct 29 19:21:38 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	81334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	112942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	115481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	83653	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.48	113	65736	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	8.71	98	237176	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	92386	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	30189	18.395	ug/l	97
3) Chloromethane	1.32	50	23693	18.165	ug/l	98
4) Vinyl Chloride	1.40	62	25058	16.966	ug/l	96
5) Bromomethane	1.63	94	15016	19.181	ug/l	95
6) Chloroethane	1.72	64	15967	17.664	ug/l	95
7) Trichlorofluoromethane	1.92	101	46374	20.077	ug/l	97
8) Diethyl Ether	2.17	74	14595	18.259	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27806	19.265	ug/l	98
10) Methyl Iodide	2.50	142	25827	16.738	ug/l	99
11) Tert butyl alcohol	3.03	59	36653	98.675	ug/l	99
12) 1,1-Dichloroethene	2.36	96	25529	18.426	ug/l	100
13) Acrolein	2.28	56	15608	78.201	ug/l	95
14) Allyl chloride	2.72	41	38175	17.501	ug/l	96
15) Acrylonitrile	3.13	53	69036	92.069	ug/l	99
16) Acetone	2.43	43	75012	93.596	ug/l	99
17) Carbon Disulfide	2.56	76	62297	16.724	ug/l	100
18) Methyl Acetate	2.76	43	32387	19.117	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	90931	18.637	ug/l	97
20) Methylene Chloride	2.85	84	28818	19.406	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	27609	19.445	ug/l	92
22) Diisopropyl ether	3.84	45	78349	18.370	ug/l	89
23) Vinyl Acetate	3.80	43	336137	92.726	ug/l	100
24) 1,1-Dichloroethane	3.68	63	48235	18.387	ug/l	96
25) 2-Butanone	4.65	43	97931	91.114	ug/l	100
26) 2,2-Dichloropropane	4.57	77	46250	19.076	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	32106	18.921	ug/l	97
28) Bromochloromethane	5.00	49	13457	19.894	ug/l #	7
29) Tetrahydrofuran	5.11	42	56250	86.824	ug/l	98
30) Chloroform	5.19	83	53908	19.301	ug/l	99
31) Cyclohexane	5.57	56	40451	18.387	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	49055	19.753	ug/l	98
36) 1,1-Dichloropropene	5.79	75	38574	20.358	ug/l	100
37) Ethyl Acetate	4.82	43	34588	18.377	ug/l	98
38) Carbon Tetrachloride	5.77	117	42709	20.459	ug/l	99

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 Sample : VX1028WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Quant Time: Oct 29 19:21:38 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)
39) Methylcyclohexane	7.45	83	46173	19.097	ug/l	98
40) Benzene	6.13	78	108029	19.043	ug/l	99
41) Methacrylonitrile	5.03	41	19145	18.973	ug/l	95
42) 1,2-Dichloroethane	6.18	62	43727	20.444	ug/l	98
43) Isopropyl Acetate	6.43	43	60130	19.242	ug/l	98
44) Trichloroethene	7.20	130	31126	19.332	ug/l	99
45) 1,2-Dichloropropane	7.51	63	27543	19.385	ug/l	92
46) Dibromomethane	7.65	93	19776	19.318	ug/l	99
47) Bromodichloromethane	7.89	83	40231	20.166	ug/l	97
48) Methyl methacrylate	7.76	41	29508	19.106	ug/l	98
49) 1,4-Dioxane	7.73	88	15104	384.241	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	182142	95.628	ug/l	100
52) Toluene	8.78	92	72648	19.324	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	42813	20.195	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	46105	19.880	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	28824	19.392	ug/l	97
56) Ethyl methacrylate	9.17	69	43716	19.541	ug/l	98
57) 1,3-Dichloropropane	9.37	76	48673	19.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	87066	99.742	ug/l	98
59) 2-Hexanone	9.48	43	139782	95.273	ug/l	98
60) Dibromochloromethane	9.57	129	31597	20.287	ug/l	97
61) 1,2-Dibromoethane	9.67	107	31282	19.824	ug/l	100
64) Tetrachloroethene	9.33	164	31333	20.867	ug/l	97
65) Chlorobenzene	10.14	112	77972	19.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31237	20.917	ug/l	96
67) Ethyl Benzene	10.25	91	139972	19.341	ug/l	98
68) m/p-Xylenes	10.36	106	105574	38.601	ug/l	98
69) o-Xylene	10.70	106	50024	19.067	ug/l	99
70) Styrene	10.71	104	85658	18.961	ug/l	99
71) Bromoform	10.85	173	22451	20.575	ug/l #	100
73) Isopropylbenzene	11.01	105	142195	19.851	ug/l	99
74) N-amyl acetate	10.89	43	48198	18.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	40772	18.746	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	48317	25.415	ug/l	87
77) Bromobenzene	11.25	156	33799	19.687	ug/l	98
78) n-propylbenzene	11.35	91	147715	18.985	ug/l	99
79) 2-Chlorotoluene	11.42	91	94068	19.134	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	118549	19.911	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13332	19.270	ug/l	97
82) 4-Chlorotoluene	11.51	91	106610	19.139	ug/l	98
83) tert-Butylbenzene	11.76	119	113086	19.198	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	120156	20.008	ug/l	99
85) sec-Butylbenzene	11.94	105	134975	20.135	ug/l	98
86) p-Isopropyltoluene	12.06	119	124430	19.758	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	61721	19.900	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	61534	19.486	ug/l	97
89) n-Butylbenzene	12.39	91	95879	18.611	ug/l	97
90) Hexachloroethane	12.59	117	21383	20.275	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	56221	18.434	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10339	19.116	ug/l	97

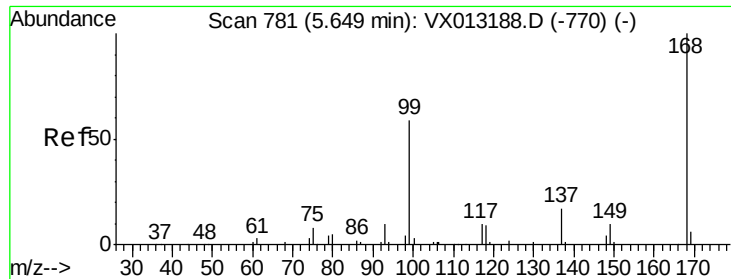
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102819\NOT REVIEWED DATA\
Data File : VX013243.D
Acq On : 28 Oct 2019 13:20
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Sample : VX1028WBS01
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Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Quant Time: Oct 29 19:21:38 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.64	180	35460	18.464	ug/l	96
94) Hexachlorobutadiene	13.78	225	18838	18.963	ug/l	96
95) Naphthalene	13.83	128	114802	19.477	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	37573	19.799	ug/l	97

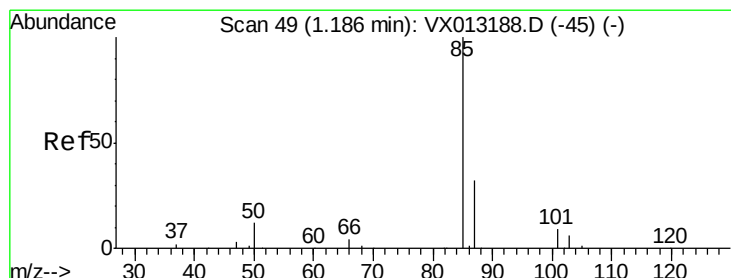
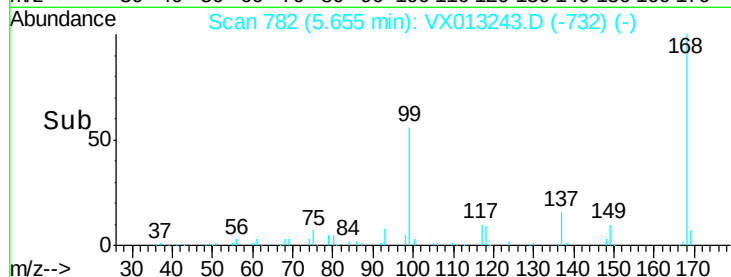
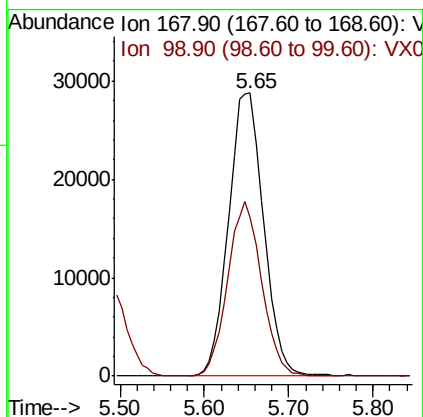
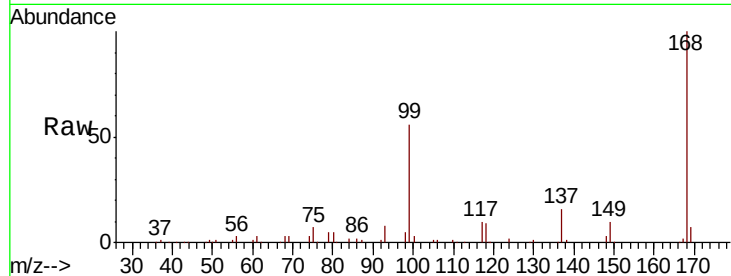
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

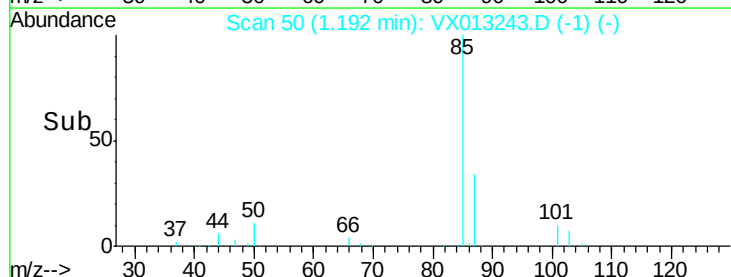
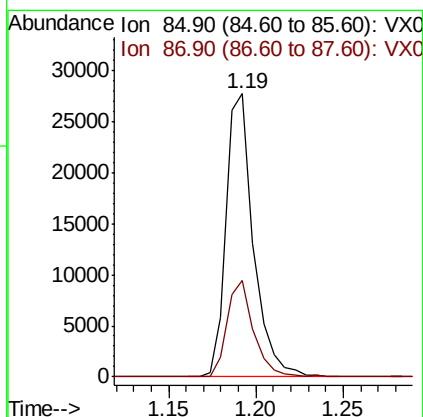
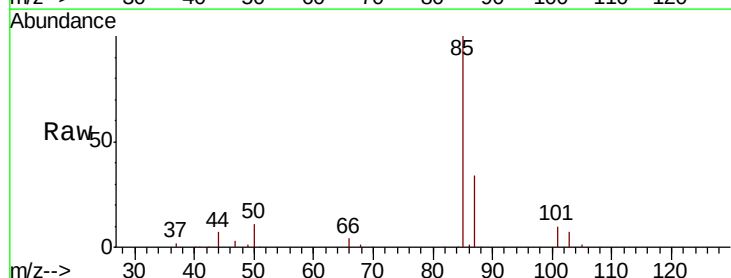
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

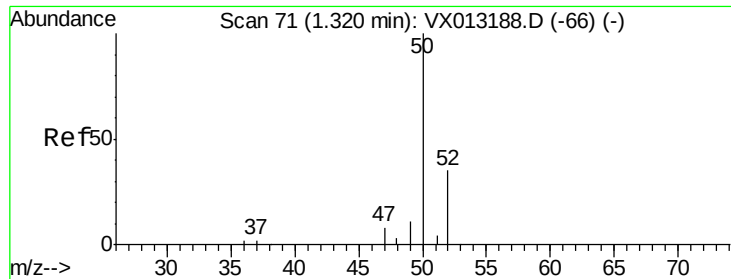
Tot Ion:168 Resp: 81334
Ion Ratio Lower Upper
168 100
99 56.2 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 18.395 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 85 Resp: 30189
Ion Ratio Lower Upper
85 100
87 34.3 16.2 48.6





#3

Chloromethane

Concen: 18.165 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

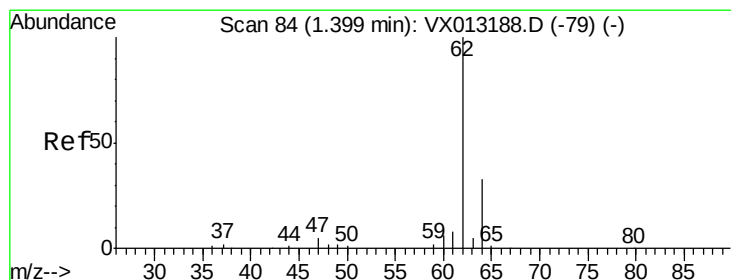
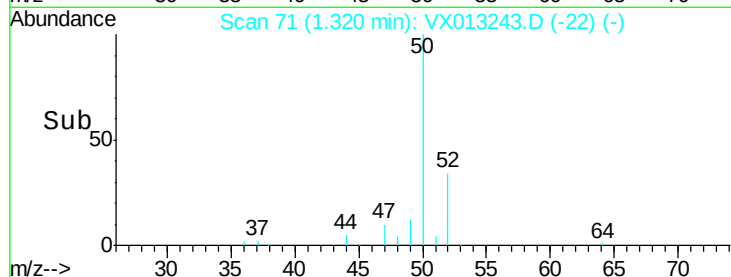
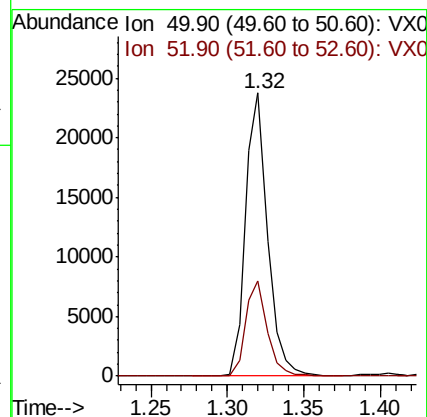
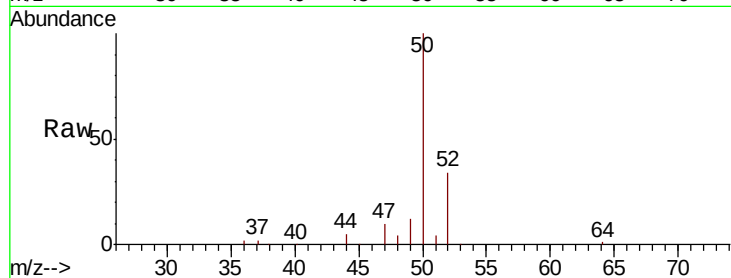
VX1028WBS01

Tot Ion: 50 Resp: 23693

Ion Ratio Lower Upper

50 100

52 33.7 27.8 41.6



#4

Vinyl Chloride

Concen: 16.966 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013243.D

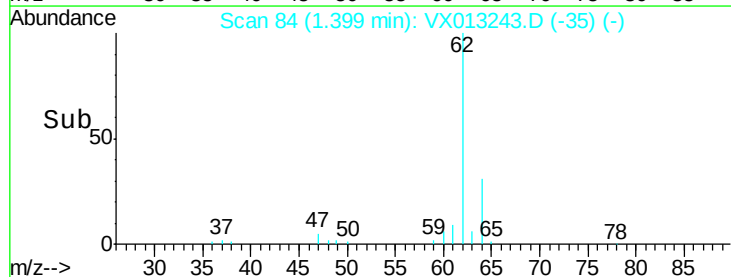
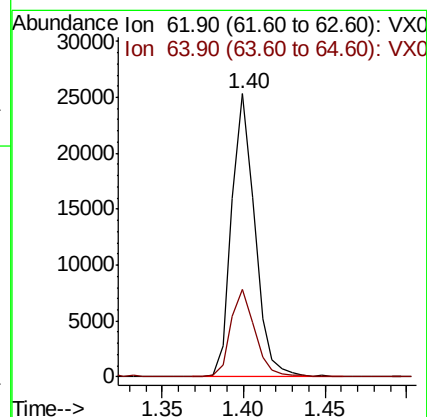
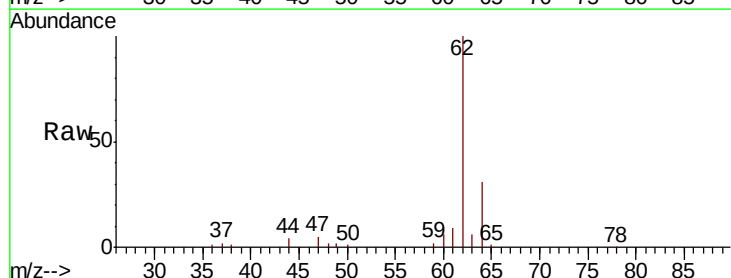
Acq: 28 Oct 2019 13:20

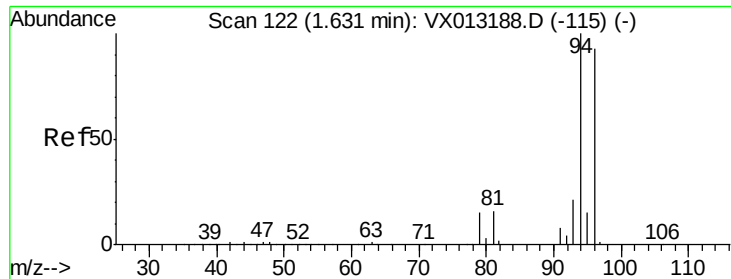
Tgt Ion: 62 Resp: 25058

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





#5

Bromomethane

Concen: 19.181 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

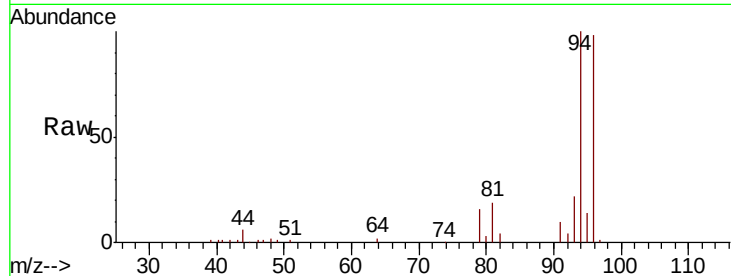
VX1028WBS01

Tot Ion: 94 Resp: 15016

Ion Ratio Lower Upper

94 100

96 97.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

15000

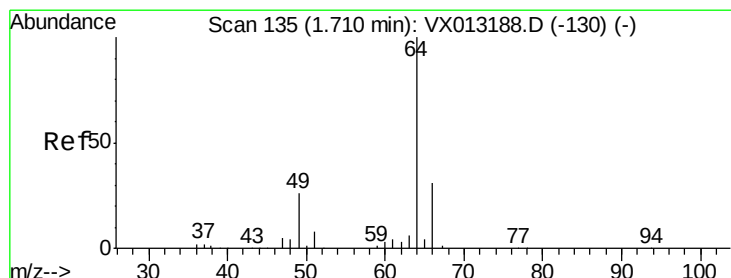
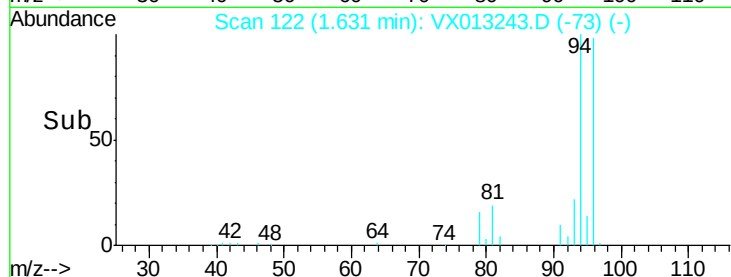
10000

5000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 17.664 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013243.D

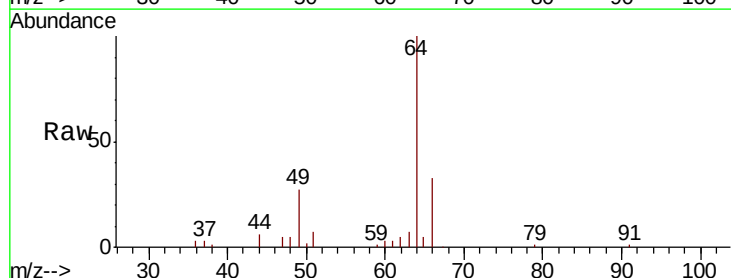
Acq: 28 Oct 2019 13:20

Tgt Ion: 64 Resp: 15967

Ion Ratio Lower Upper

64 100

66 34.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

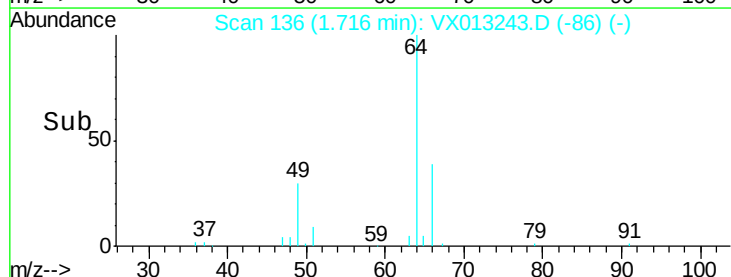
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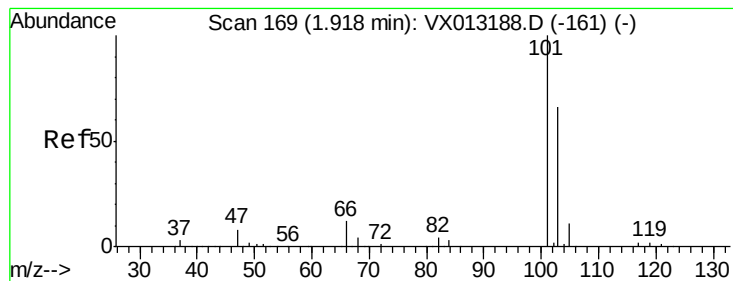
5000

0

Time-->

1.65 1.70 1.75 1.80



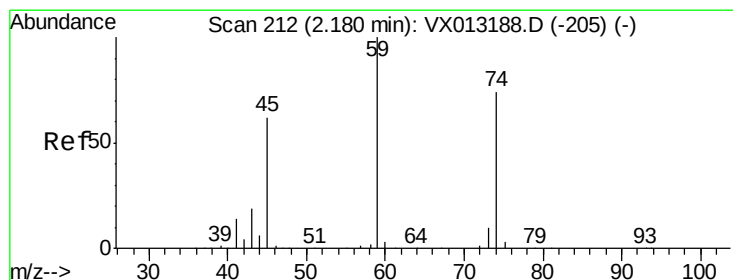
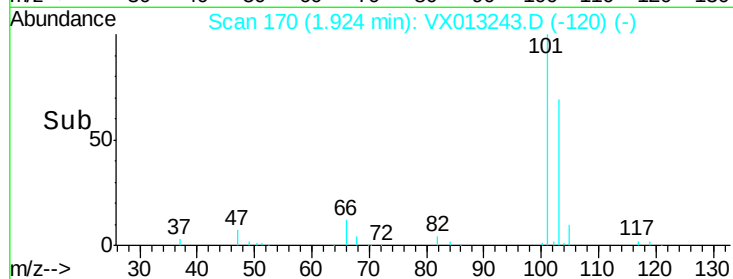
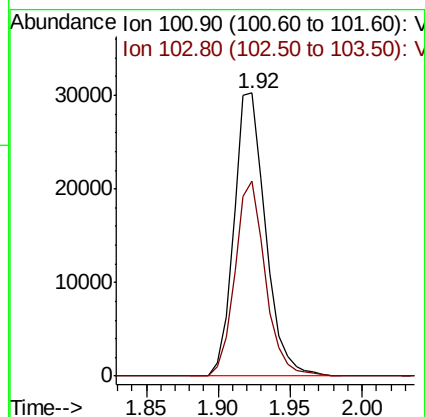
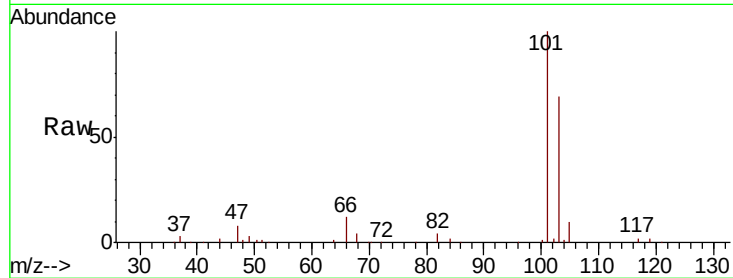


#7

Trichlorofluoromethane
 Concen: 20.077 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

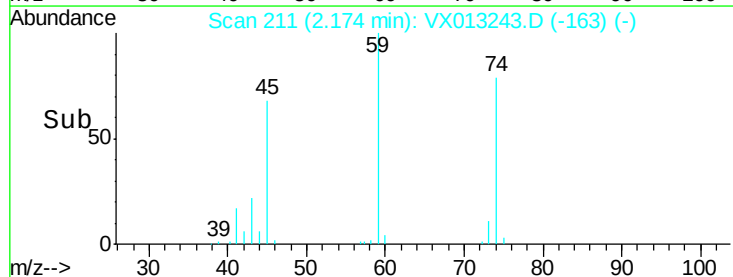
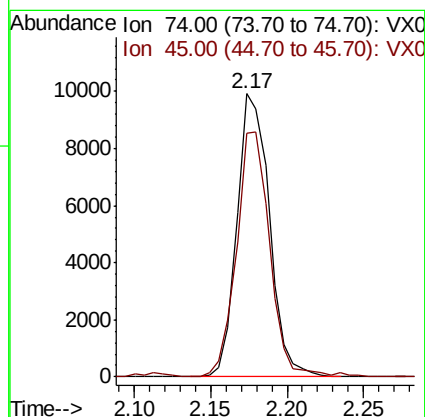
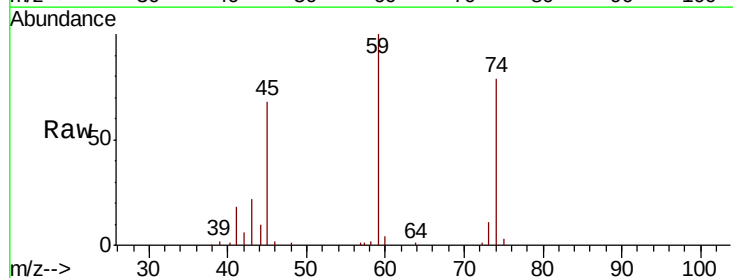
Tot Ion:101 Resp: 46374
 Ion Ratio Lower Upper
 101 100
 103 68.9 53.0 79.6

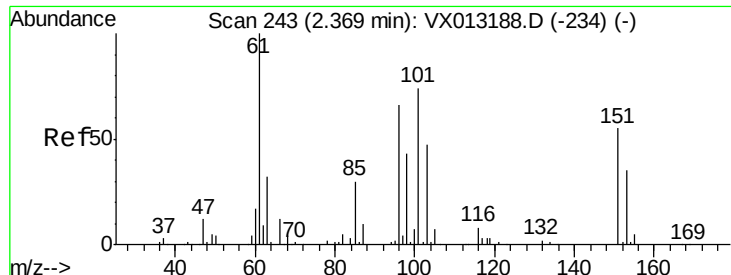


#8

Diethyl Ether
 Concen: 18.259 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion: 74 Resp: 14595
 Ion Ratio Lower Upper
 74 100
 45 89.2 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.265 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

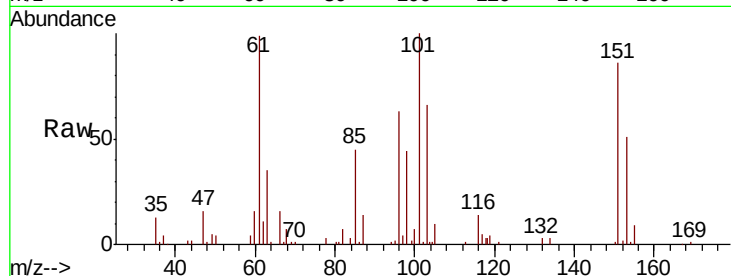
Tot Ion:101 Resp: 27806

Ion Ratio Lower Upper

101 100

85 42.0 34.0 51.0

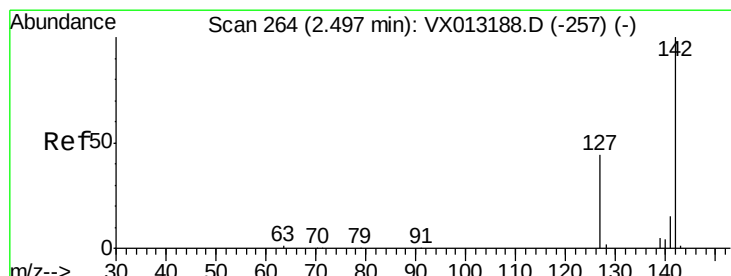
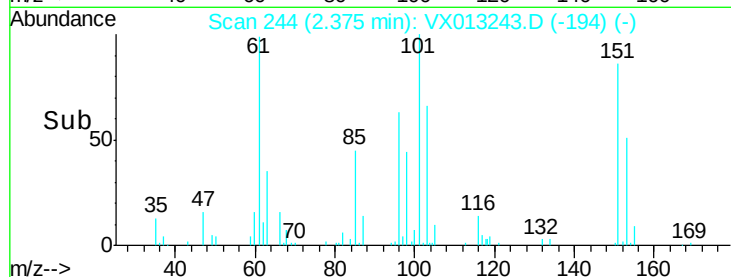
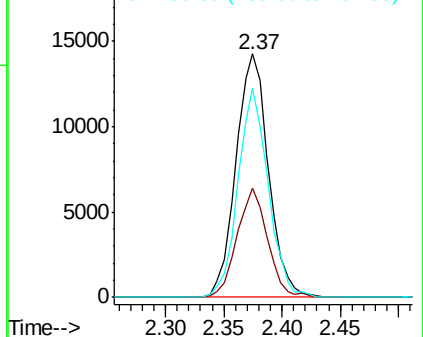
151 80.0 62.0 93.0



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: 16.738 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

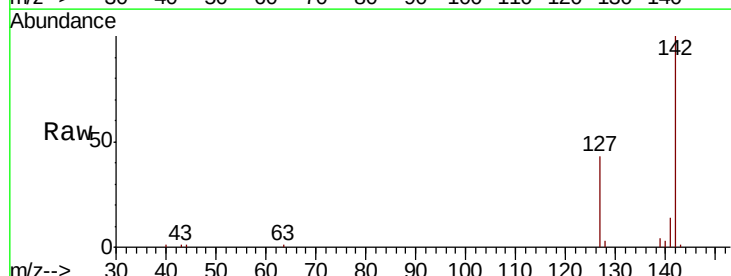
Tgt Ion:142 Resp: 25827

Ion Ratio Lower Upper

142 100

127 43.6 35.6 53.4

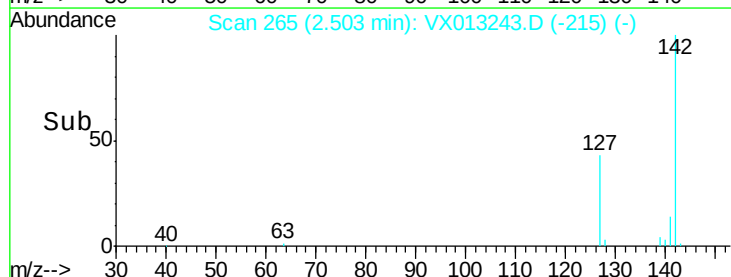
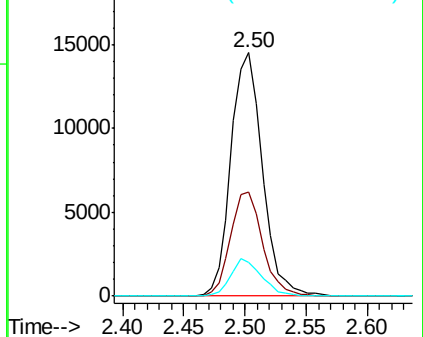
141 14.9 11.6 17.4

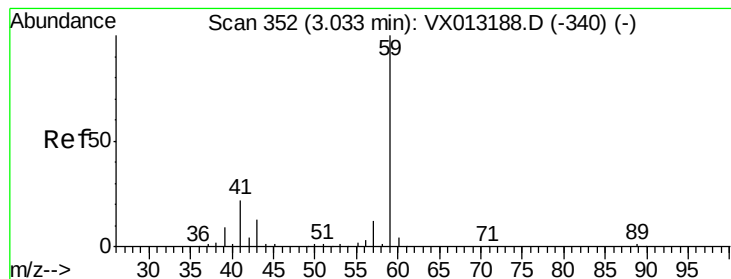


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.675 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

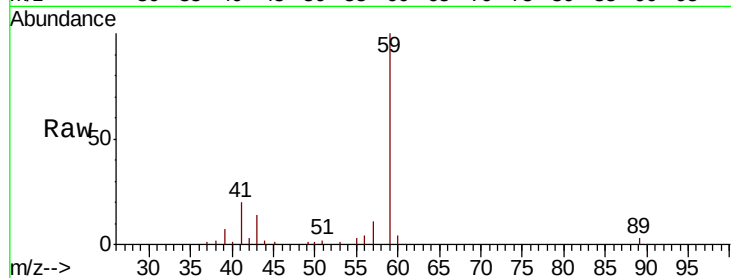
VX1028WBS01

Tot Ion: 59 Resp: 36653

Ion Ratio Lower Upper

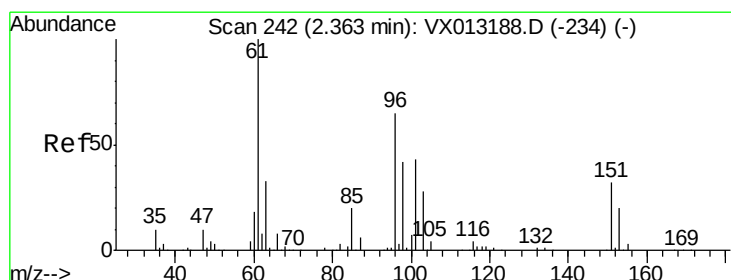
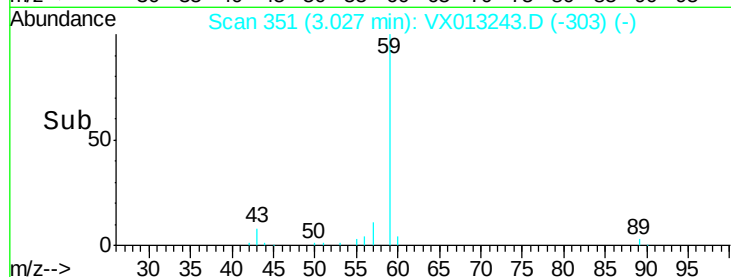
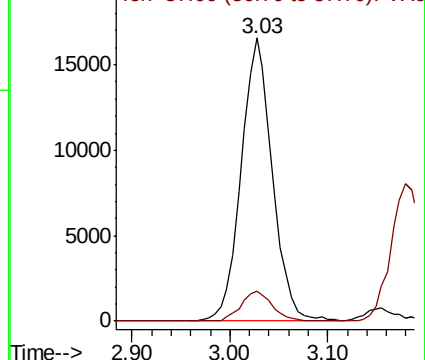
59 100

57 10.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.426 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

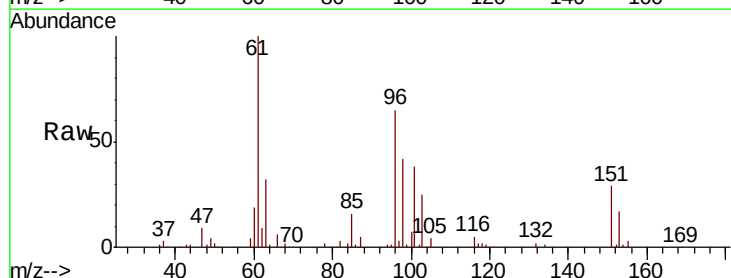
Tgt Ion: 96 Resp: 25529

Ion Ratio Lower Upper

96 100

61 154.1 123.8 185.8

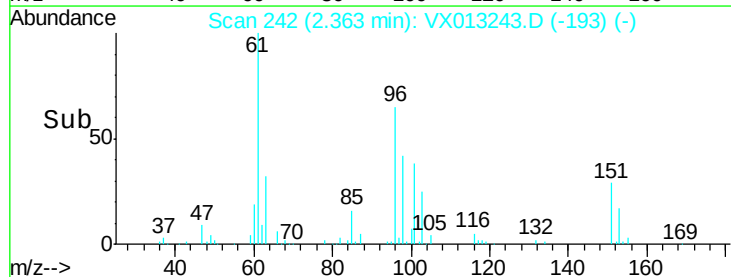
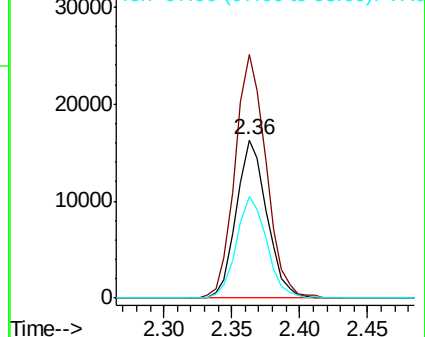
98 64.5 51.6 77.4

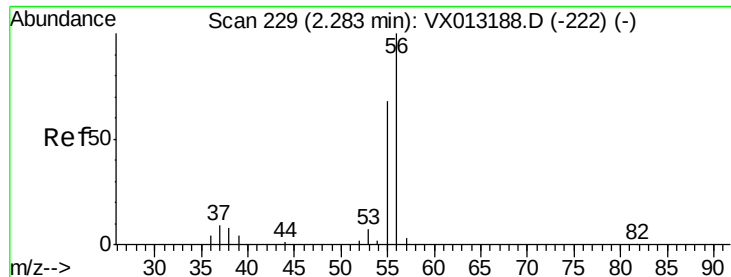


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 78.201 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

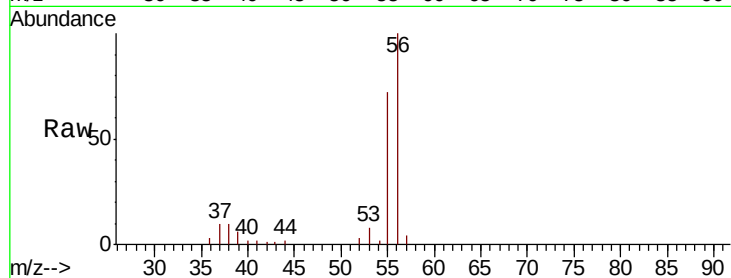
VX1028WBS01

Tot Ion: 56 Resp: 15608

Ion Ratio Lower Upper

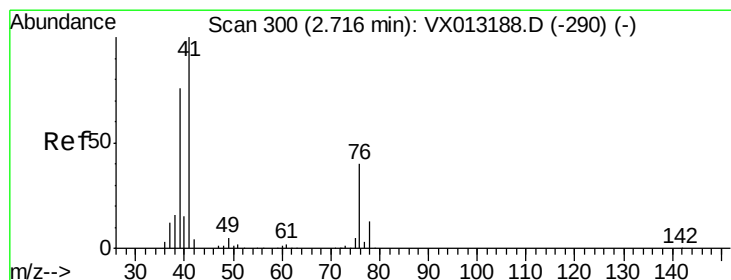
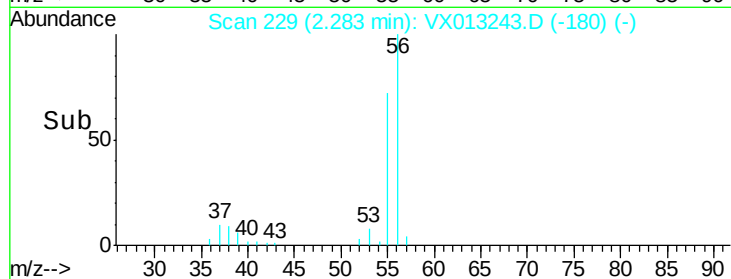
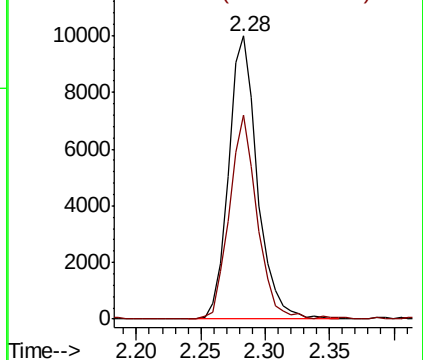
56 100

55 69.6 58.9 88.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.501 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

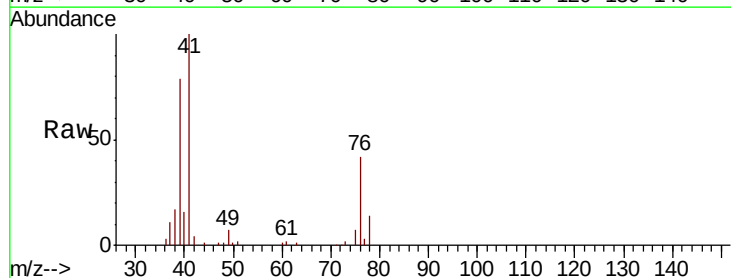
Tgt Ion: 41 Resp: 38175

Ion Ratio Lower Upper

41 100

39 73.4 54.6 81.8

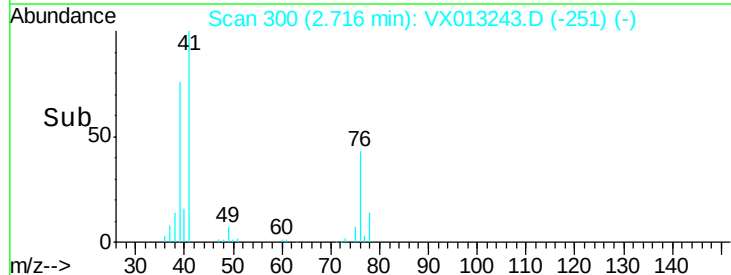
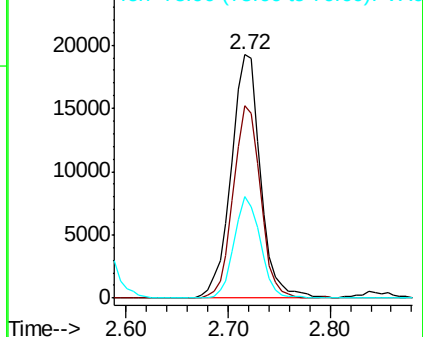
76 37.4 29.8 44.6

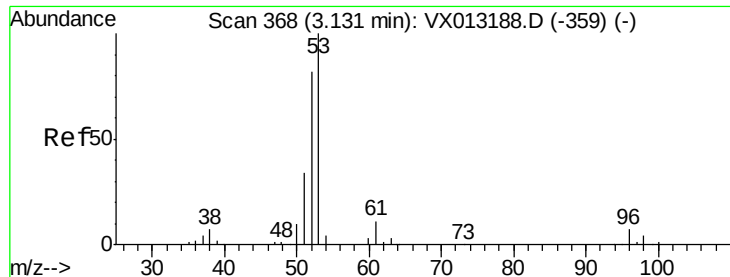


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

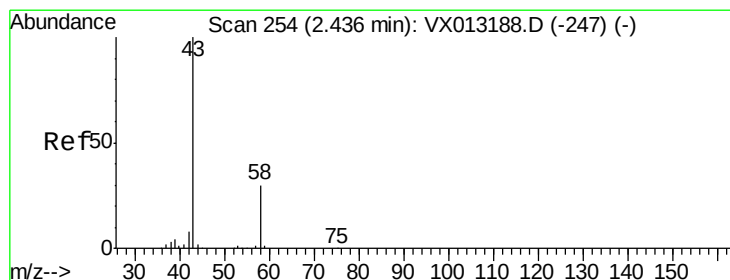
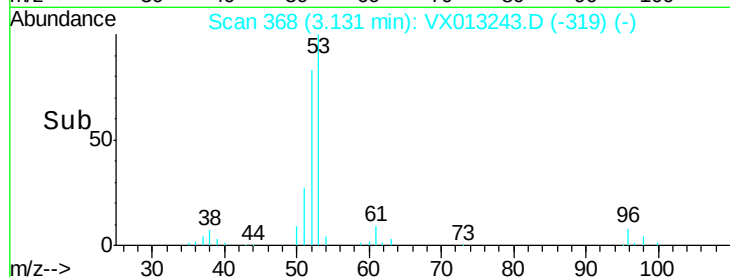
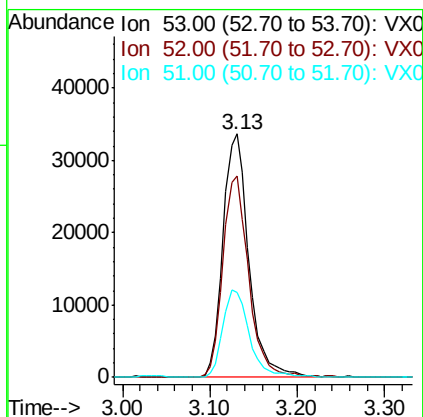
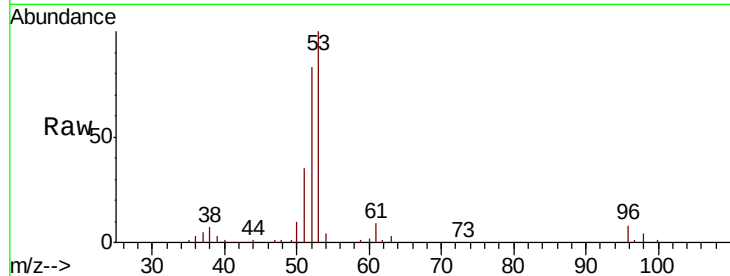




#15
 Acrylonitrile
 Concen: 92.069 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

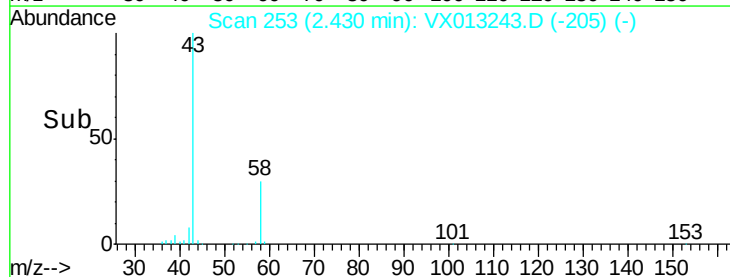
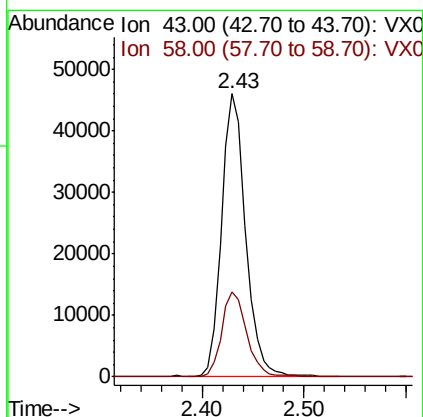
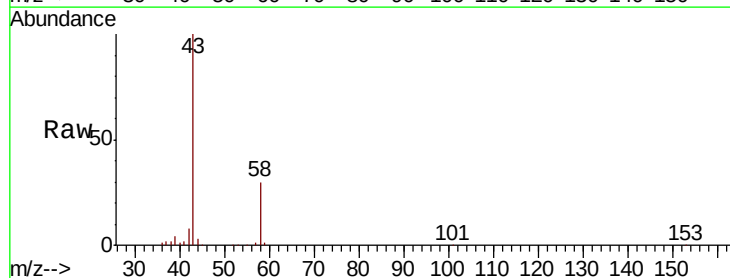
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

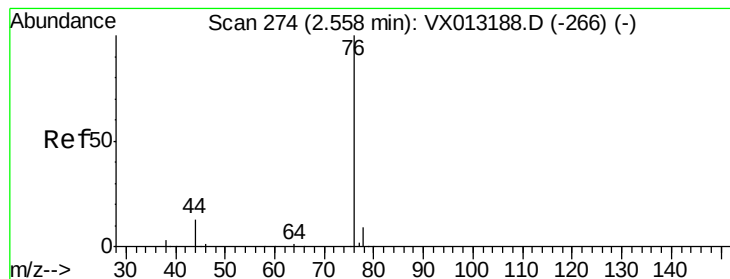
Tot Ion: 53 Resp: 69036
 Ion Ratio Lower Upper
 53 100
 52 82.6 66.4 99.6
 51 37.3 29.4 44.2



#16
 Acetone
 Concen: 93.596 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion: 43 Resp: 75012
 Ion Ratio Lower Upper
 43 100
 58 30.1 23.8 35.6





#17

Carbon Disulfide

Concen: 16.724 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

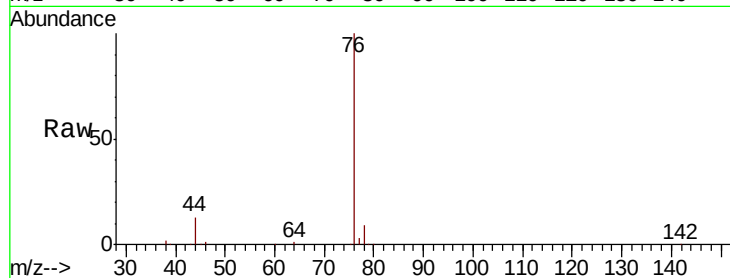
VX1028WBS01

Tot Ion: 76 Resp: 62297

Ion Ratio Lower Upper

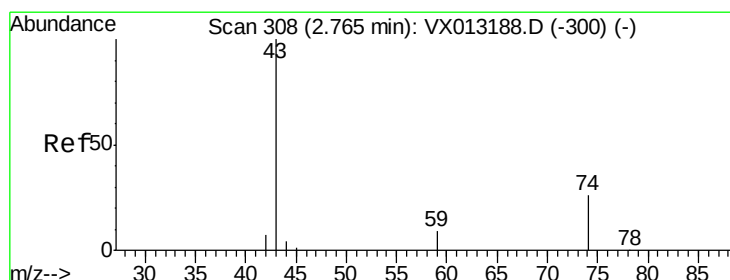
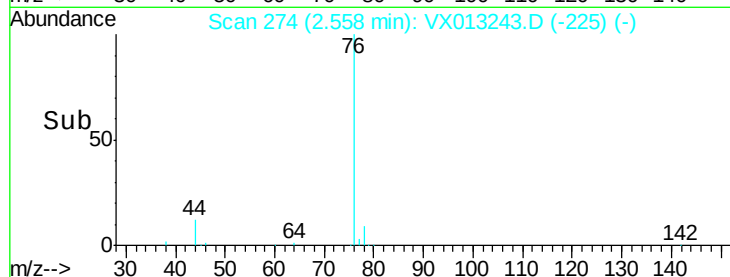
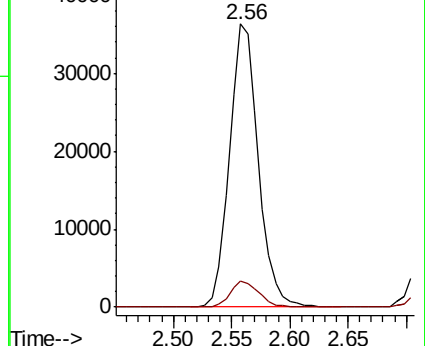
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.117 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013243.D

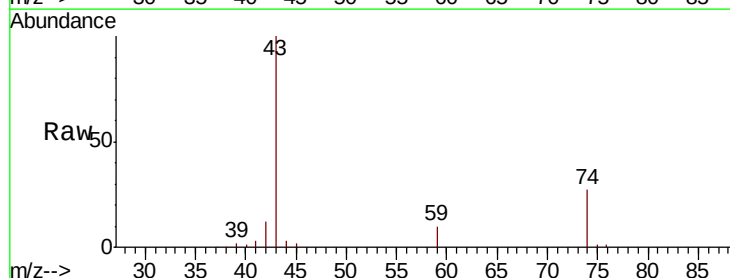
Acq: 28 Oct 2019 13:20

Tgt Ion: 43 Resp: 32387

Ion Ratio Lower Upper

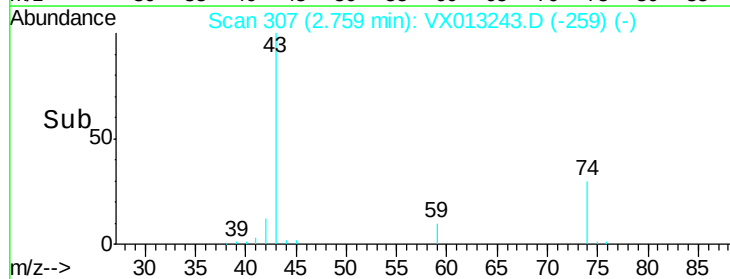
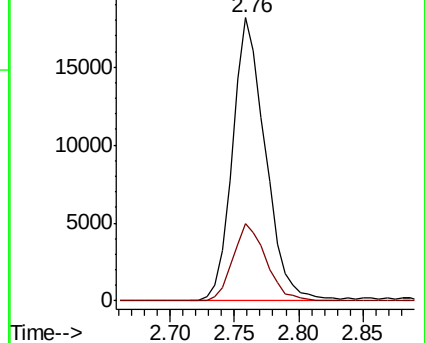
43 100

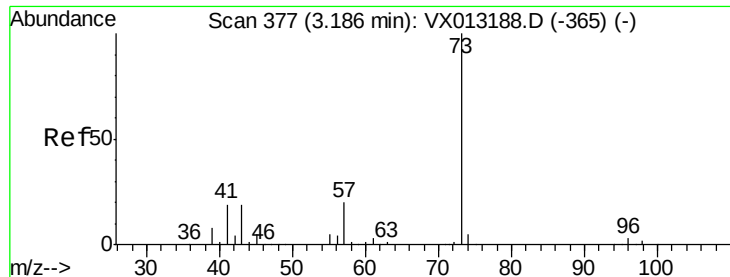
74 27.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

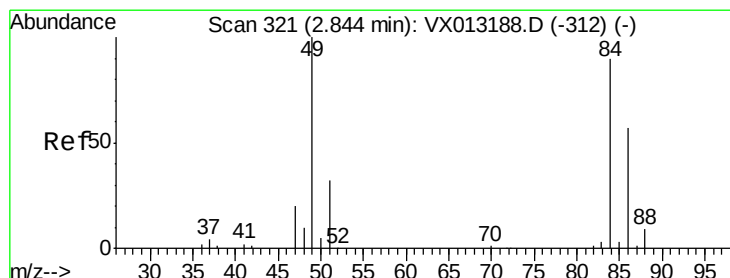
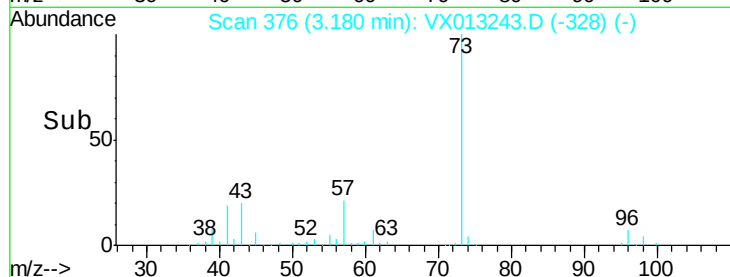
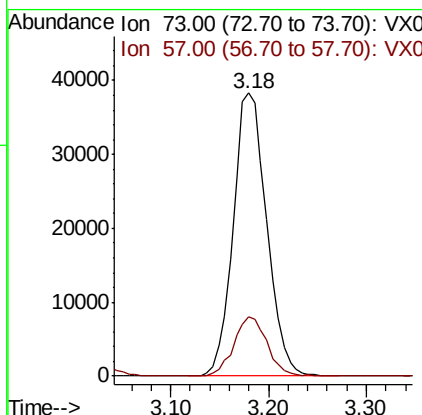
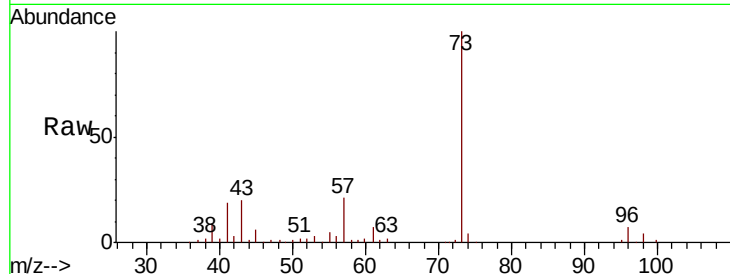




#19
Methyl tert-butyl Ether
Concen: 18.637 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

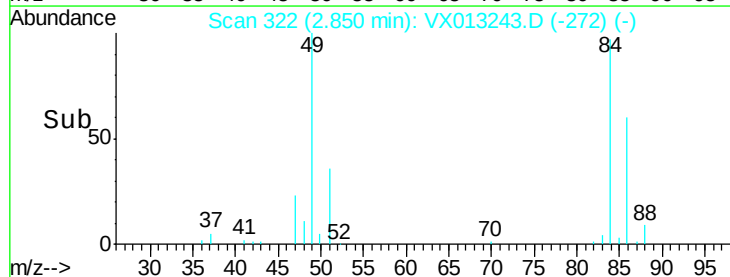
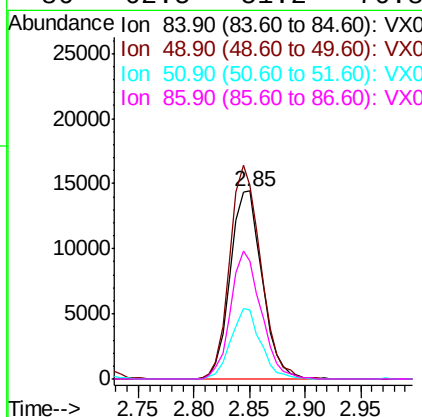
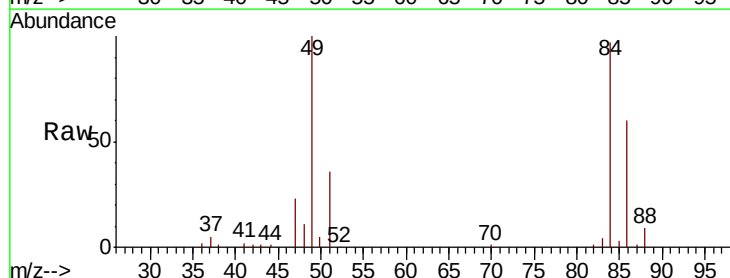
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

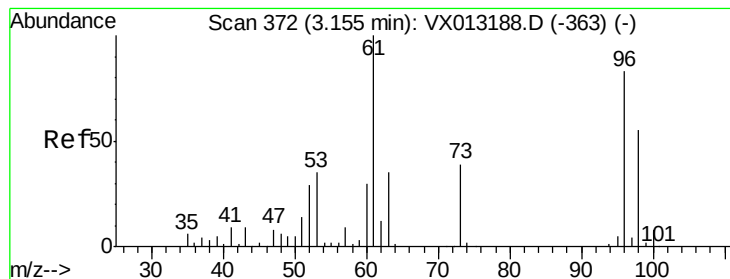
Tot Ion: 73 Resp: 90931
Ion Ratio Lower Upper
73 100
57 21.1 15.8 23.8



#20
Methylene Chloride
Concen: 19.406 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 84 Resp: 28818
Ion Ratio Lower Upper
84 100
49 103.3 89.2 133.8
51 36.8 28.8 43.2
86 62.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.445 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

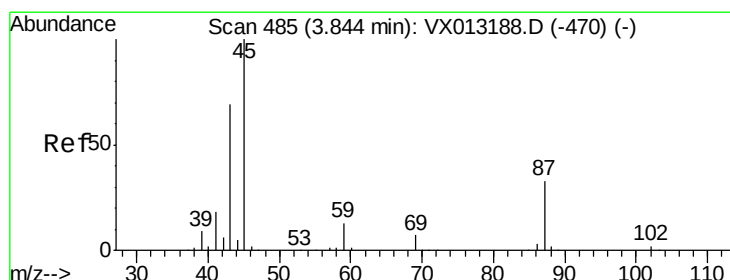
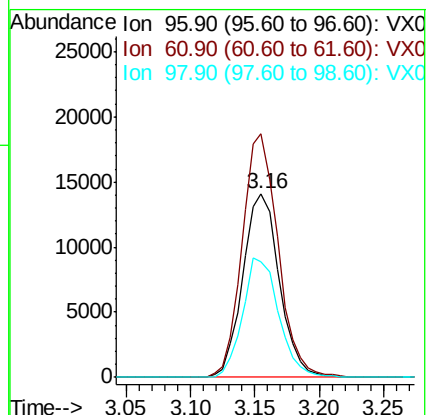
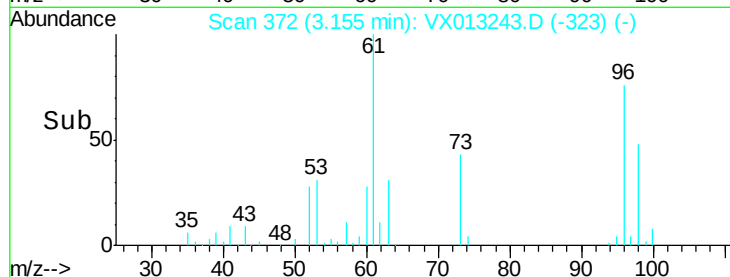
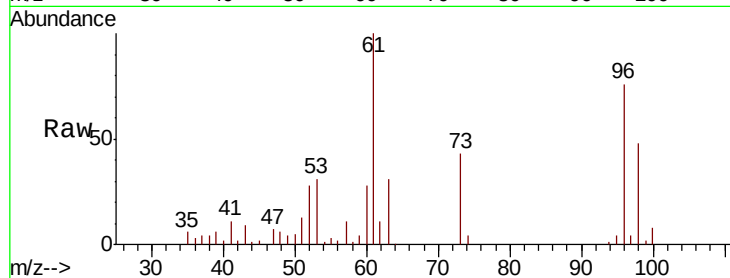
Tot Ion: 96 Resp: 27609

Ion Ratio Lower Upper

96 100

61 132.4 96.9 145.3

98 63.1 53.0 79.4



#22

Diisopropyl ether

Concen: 18.370 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion: 45 Resp: 78349

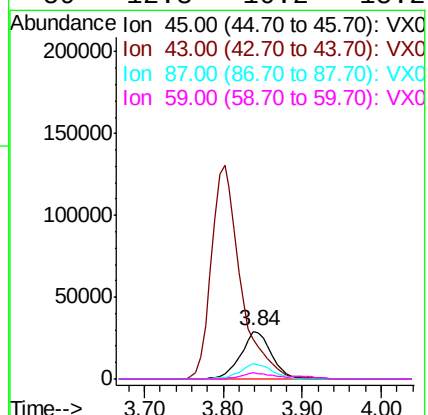
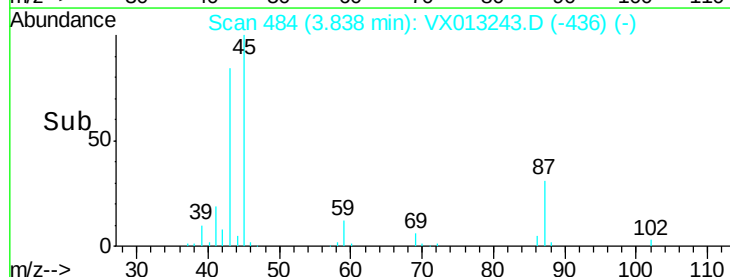
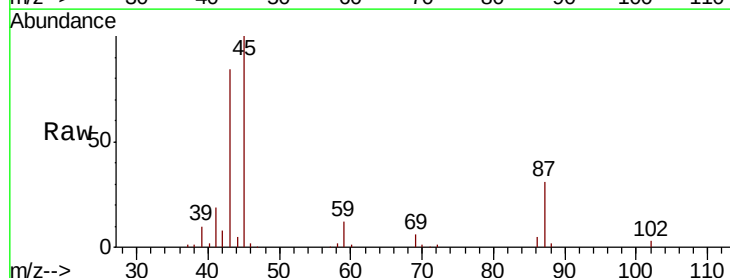
Ion Ratio Lower Upper

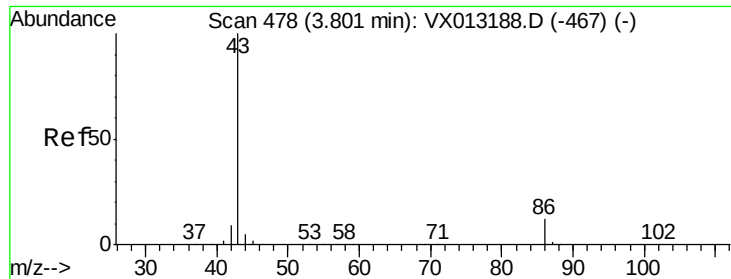
45 100

43 82.4 55.5 83.3

87 31.0 26.7 40.1

59 12.3 10.2 15.2





#23

Vinyl Acetate

Concen: 92.726 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampled :

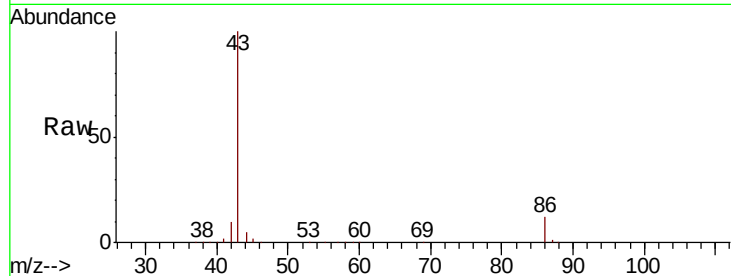
VX1028WBS01

Tot Ion: 43 Resp: 336137

Ion Ratio Lower Upper

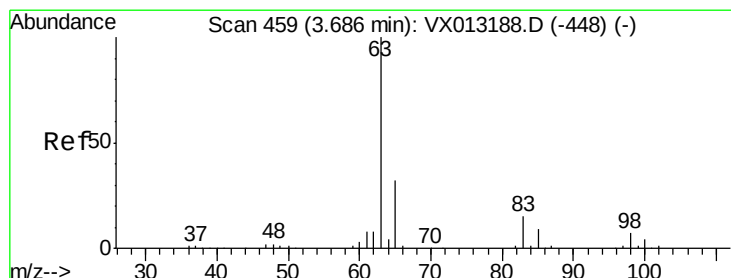
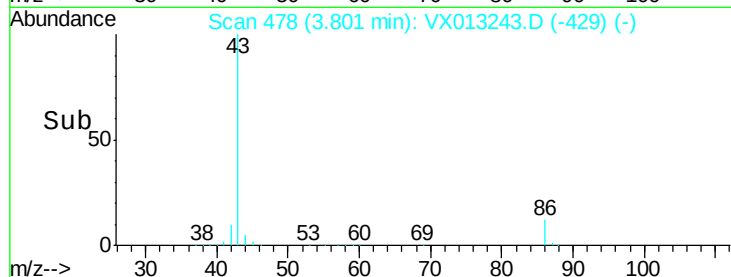
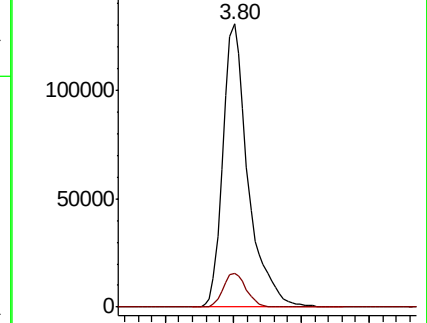
43 100

86 11.9 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.387 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

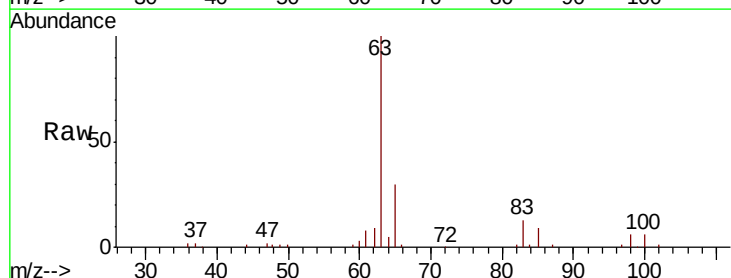
Tgt Ion: 63 Resp: 48235

Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.2

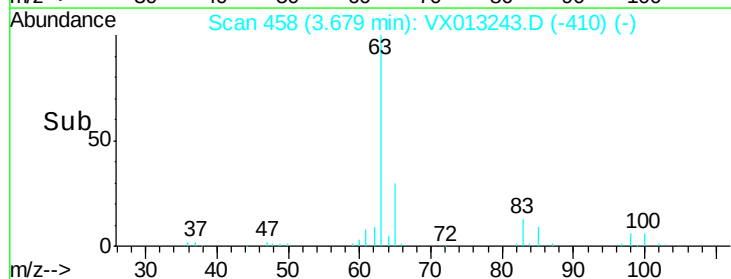
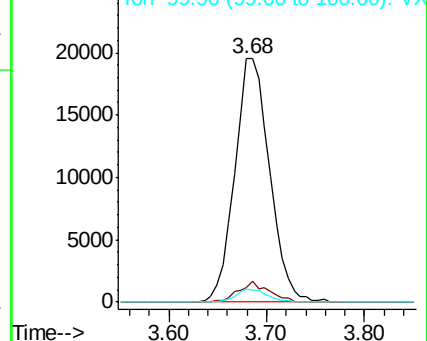
100 5.5 2.2 6.6

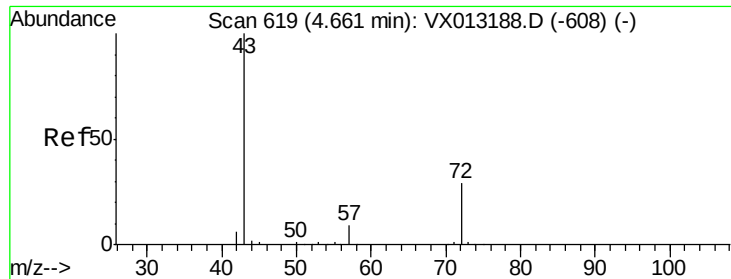


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.114 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

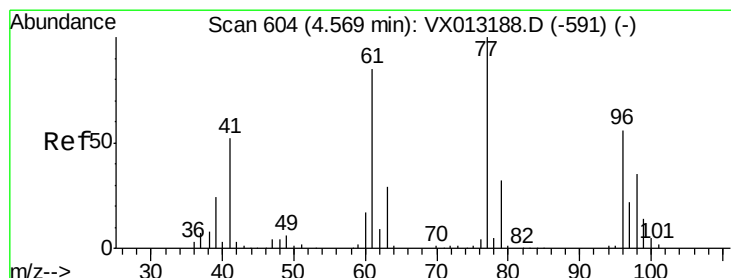
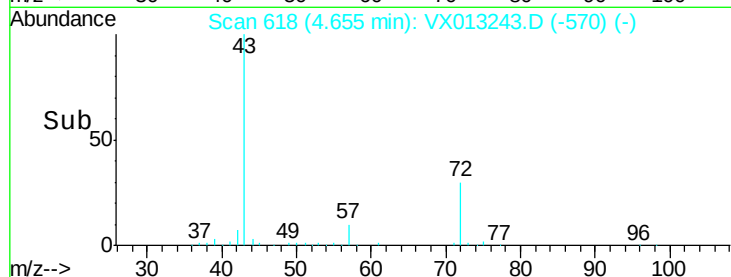
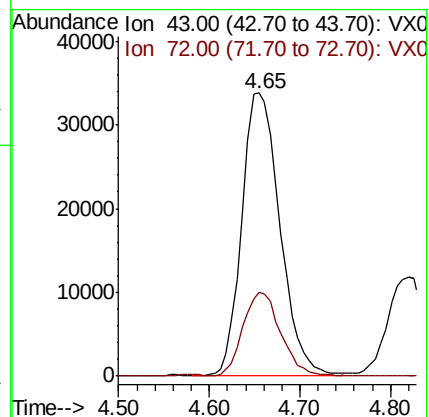
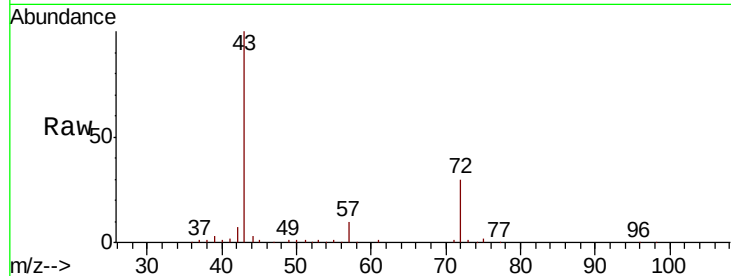
VX1028WBS01

Tot Ion: 43 Resp: 97931

Ion Ratio Lower Upper

43 100

72 29.4 23.4 35.2



#26

2,2-Dichloropropane

Concen: 19.076 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013243.D

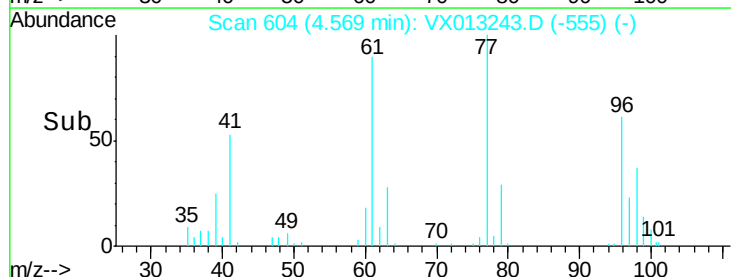
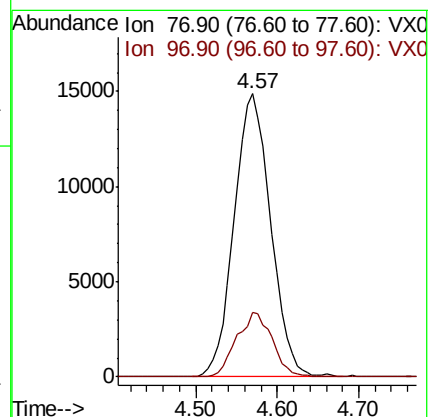
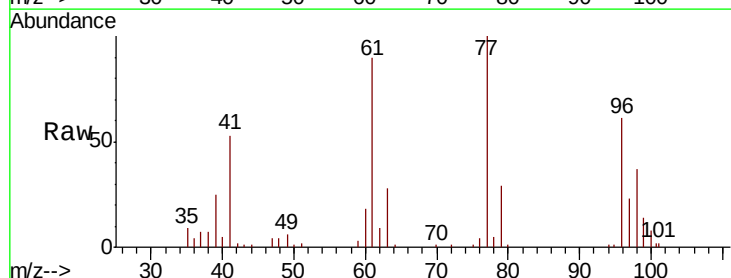
Acq: 28 Oct 2019 13:20

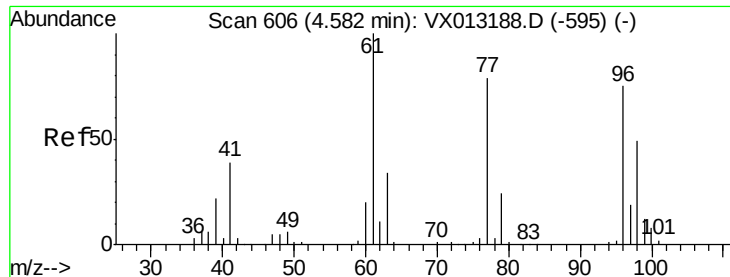
Tgt Ion: 77 Resp: 46250

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.6



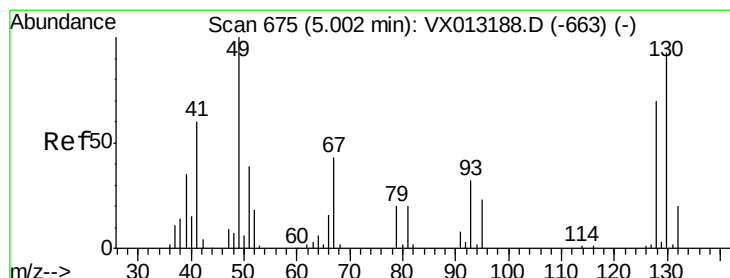
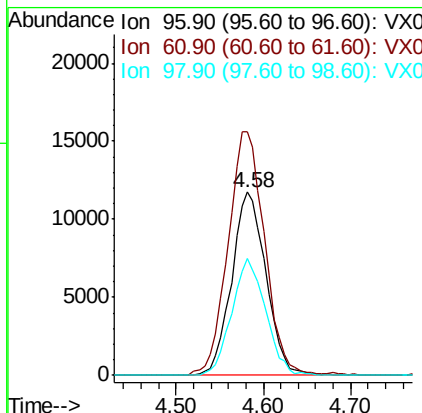
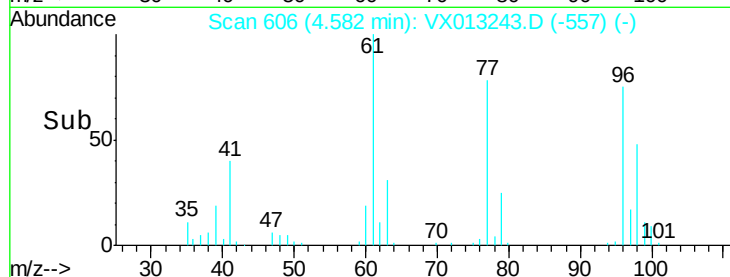
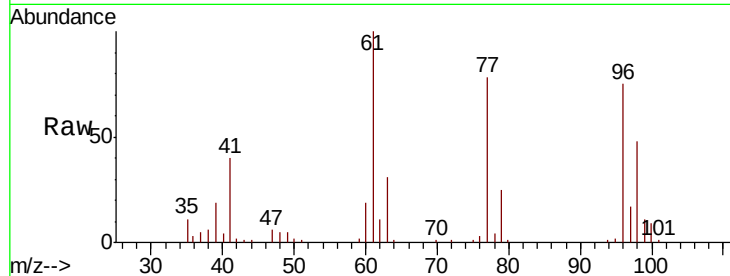


#27

cis-1,2-Dichloroethene
Concen: 18.921 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

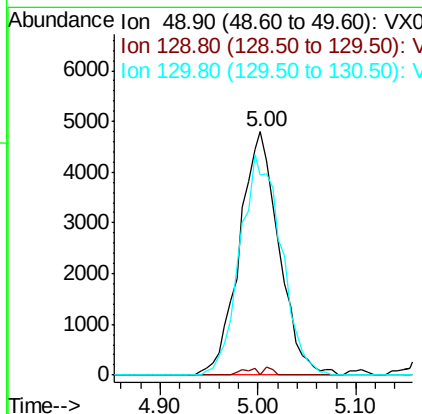
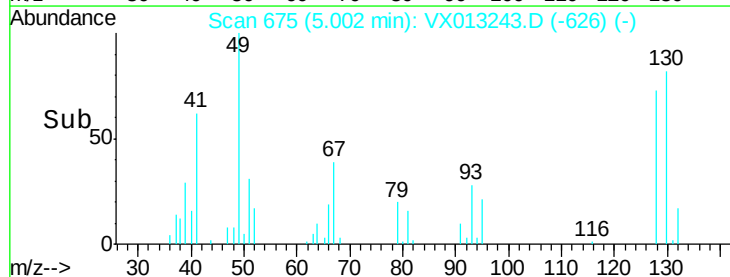
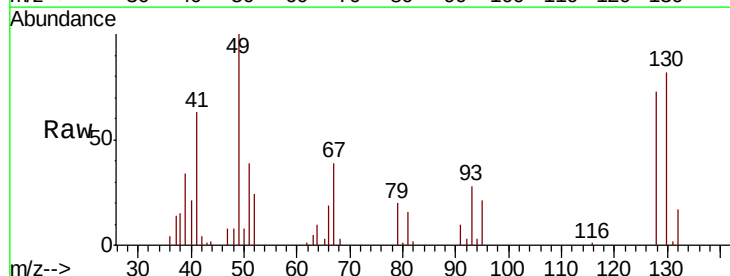
Tot Ion: 96 Resp: 32106
Ion Ratio Lower Upper
96 100
61 141.0 0.0 290.4
98 62.6 0.0 130.4

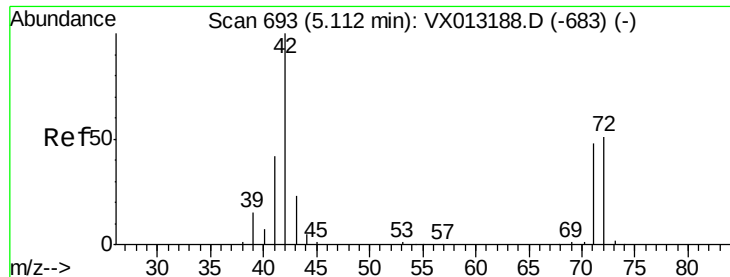


#28

Bromochloromethane
Concen: 19.894 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 49 Resp: 13457
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.8
130 0.0 71.8 107.8#

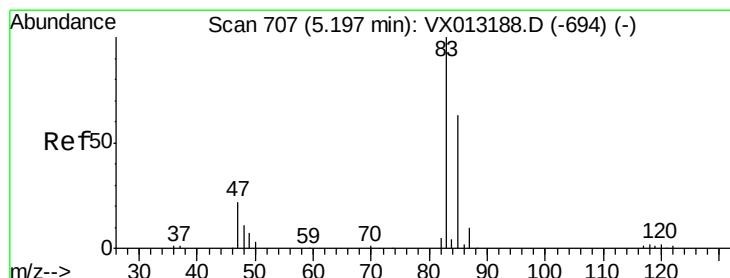
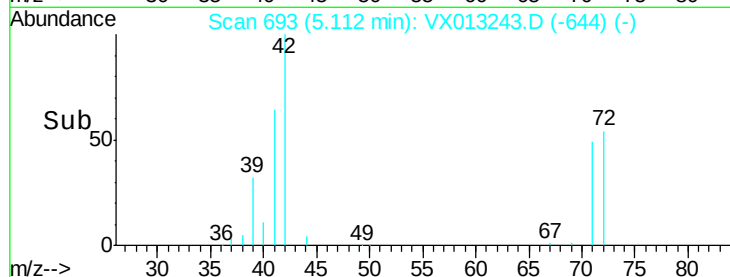
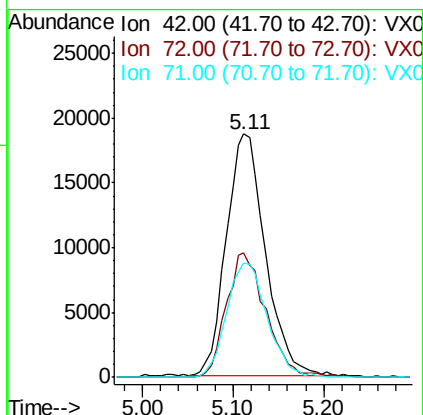
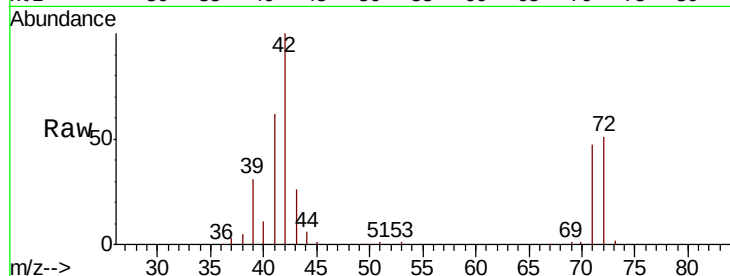




#29
Tetrahydrofuran
Concen: 86.824 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

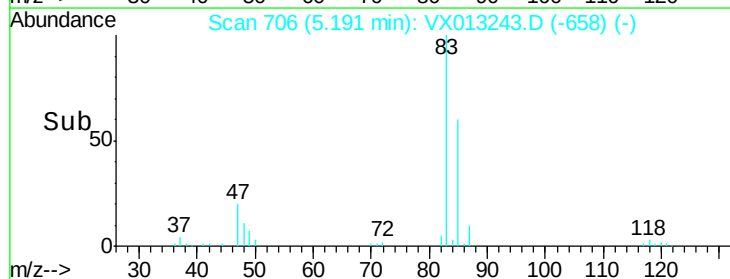
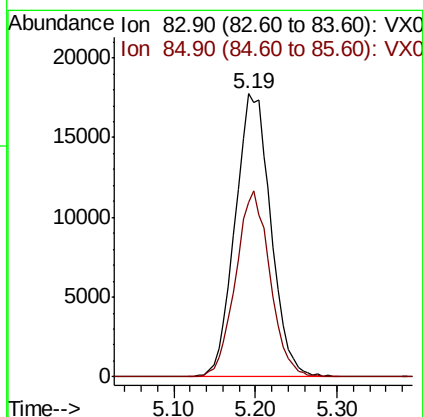
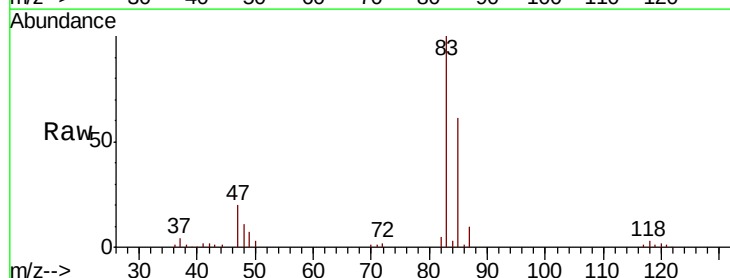
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

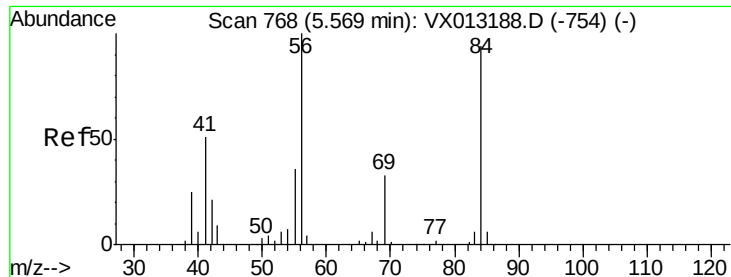
Tot Ion: 42 Resp: 56250
Ion Ratio Lower Upper
42 100
72 52.3 40.9 61.3
71 49.2 38.6 57.8



#30
Chloroform
Concen: 19.301 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 83 Resp: 53908
Ion Ratio Lower Upper
83 100
85 61.5 50.1 75.1

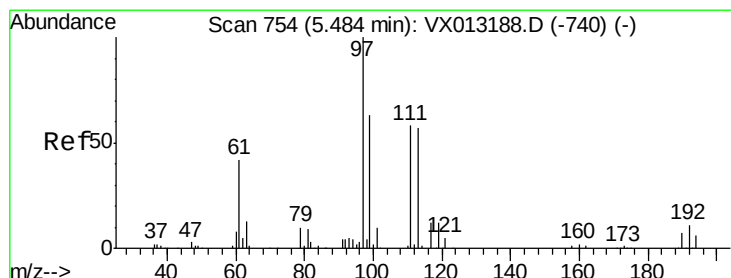
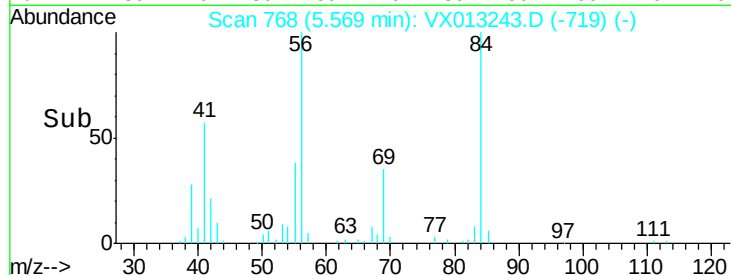
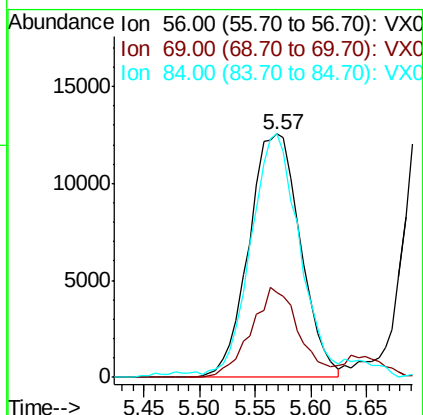
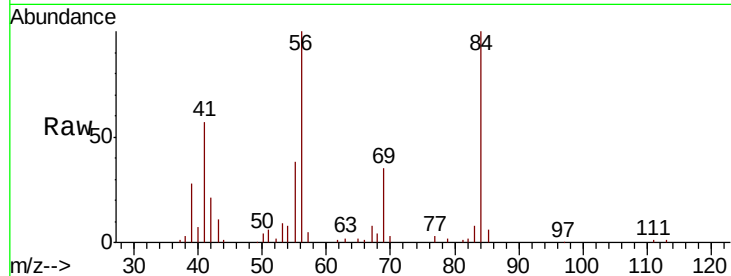




#31
Cyclohexane
Concen: 18.387 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

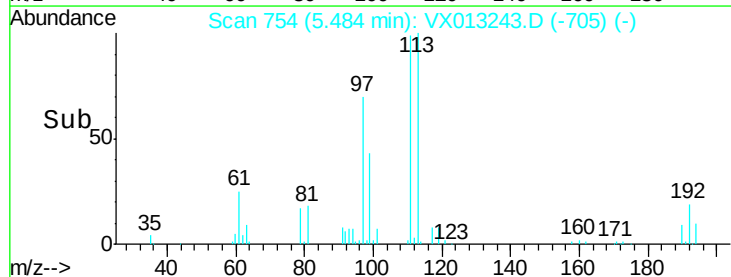
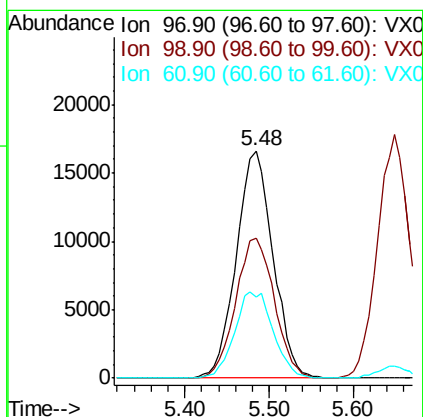
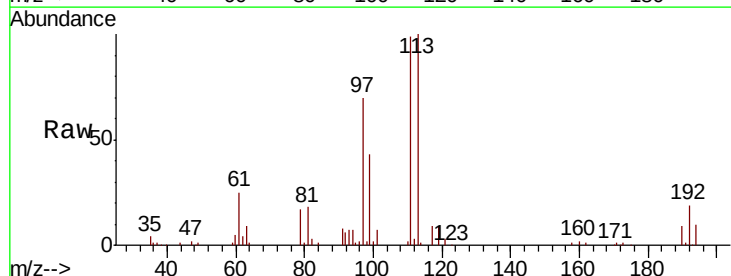
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

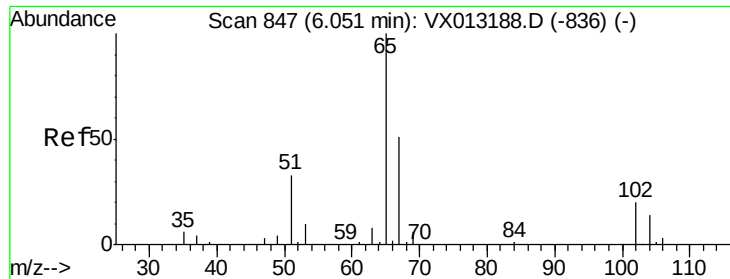
Tot Ion: 56 Resp: 40451
Ion Ratio Lower Upper
56 100
69 34.9 26.3 39.5
84 98.1 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 19.753 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 97 Resp: 49055
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 39.7 32.8 49.2

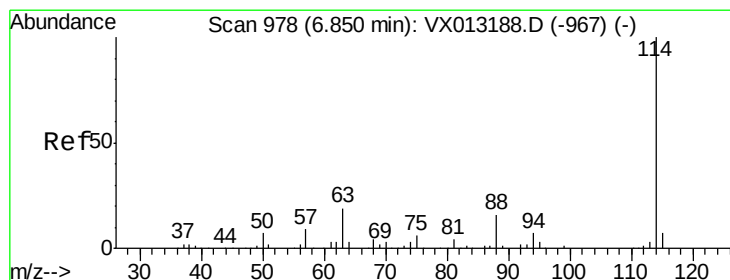
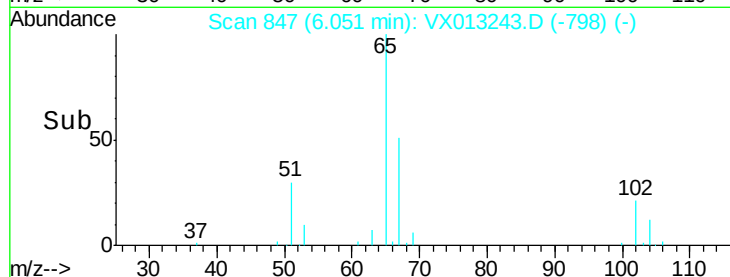
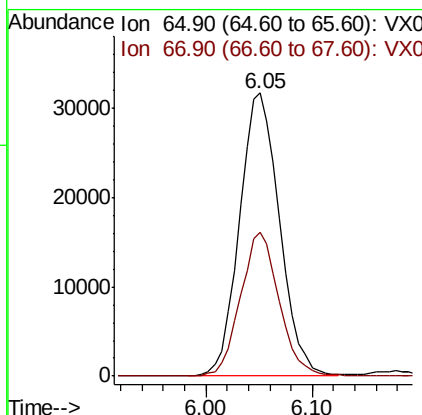
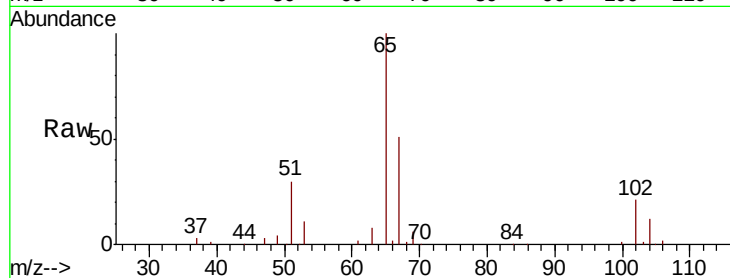




#33
 1,2-Dichloroethane-d4
 Concen: 49.175 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

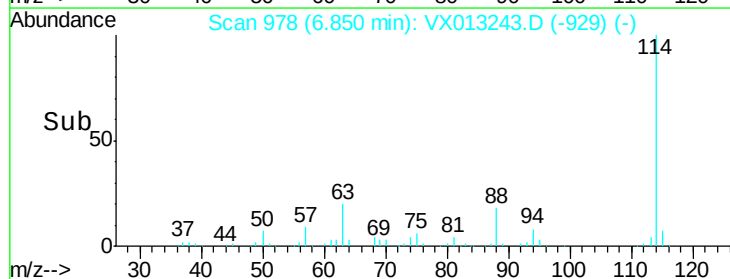
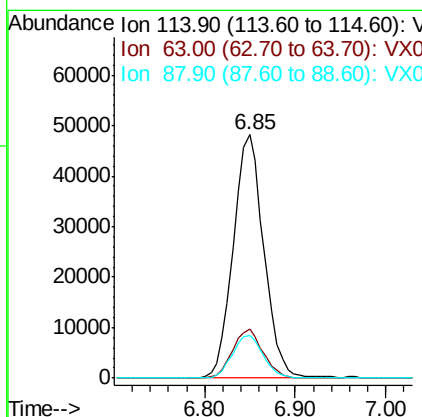
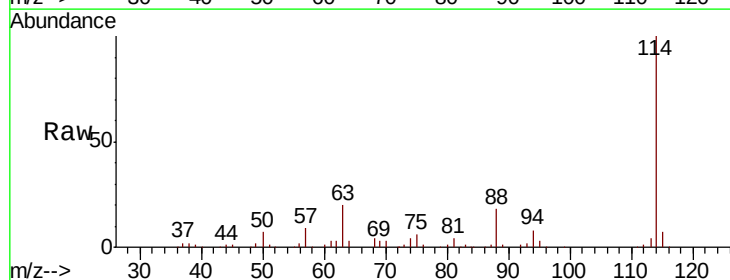
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

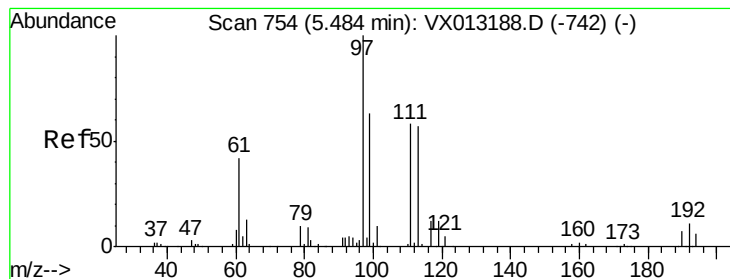
Tot Ion: 65 Resp: 83653
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion:114 Resp: 112942
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 17.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.194 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampled :

VX1028WBS01

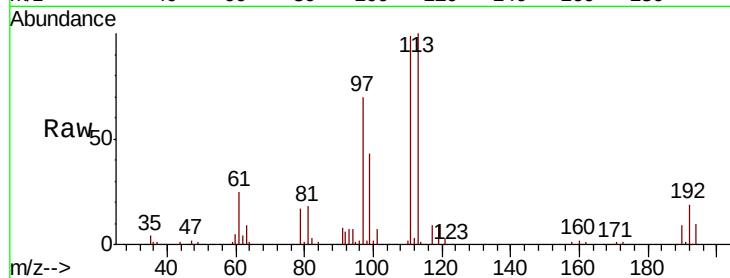
Tot Ion:113 Resp: 65736

Ion Ratio Lower Upper

113 100

111 101.2 80.3 120.5

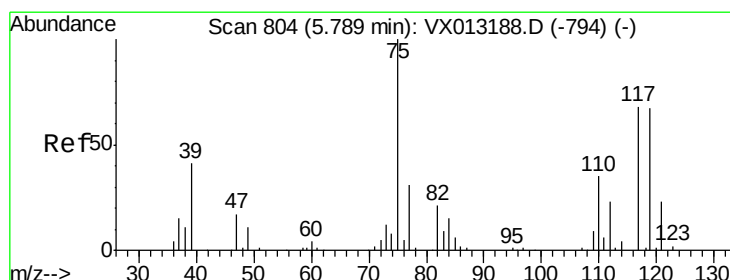
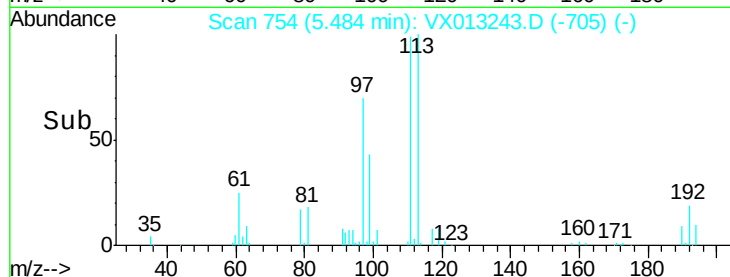
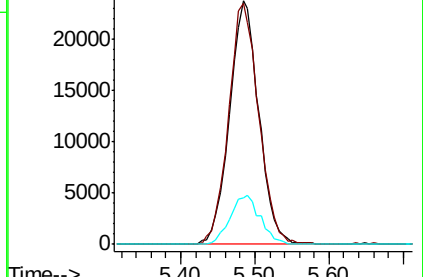
192 20.6 15.9 23.9



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: 20.358 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

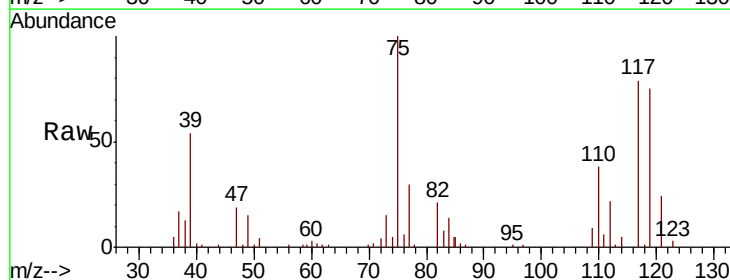
Tgt Ion: 75 Resp: 38574

Ion Ratio Lower Upper

75 100

110 35.2 17.6 52.9

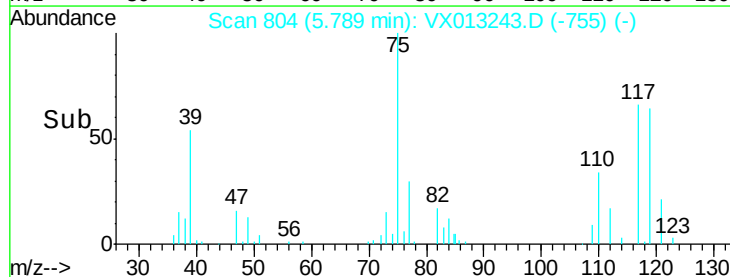
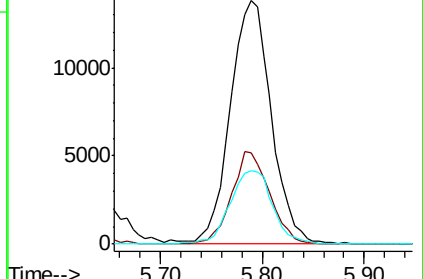
77 31.3 24.7 37.1

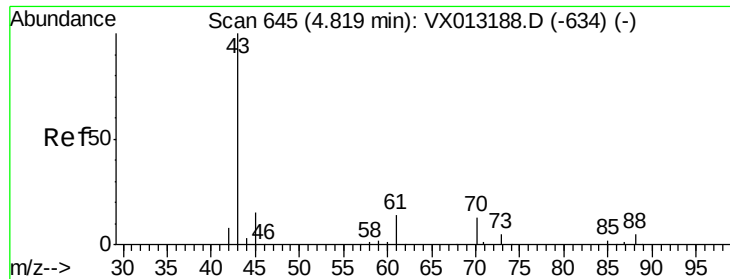


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

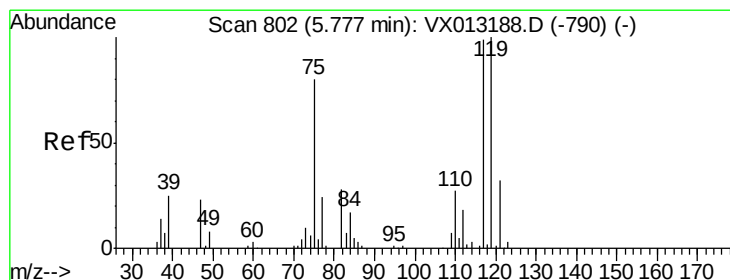
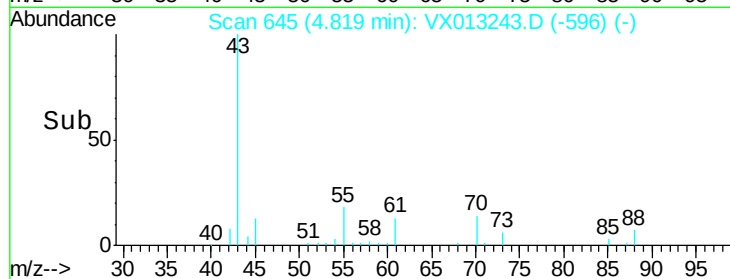
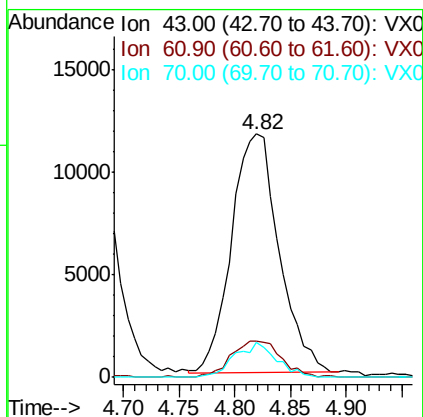
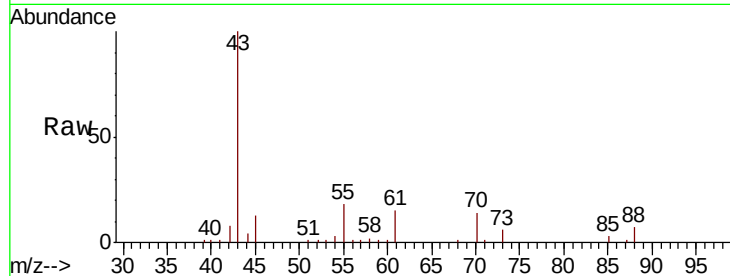




#37
Ethyl Acetate
Concen: 18.377 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

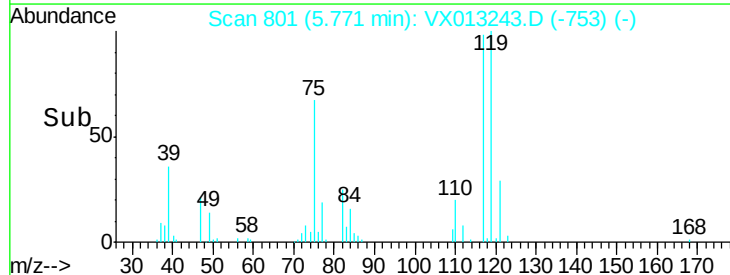
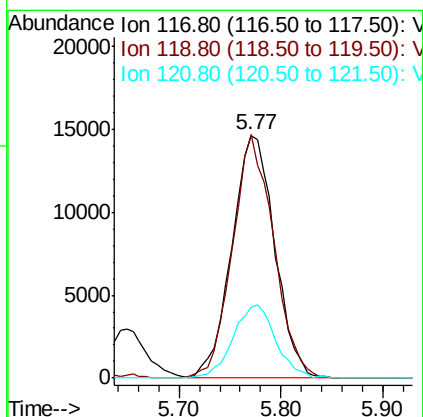
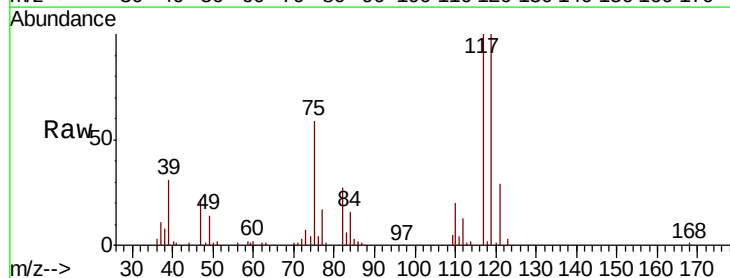
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

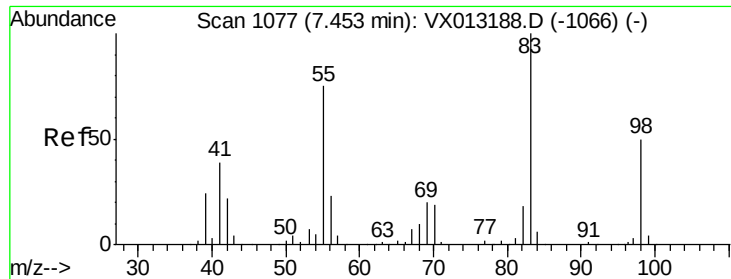
Tot Ion: 43 Resp: 34588
Ion Ratio Lower Upper
43 100
61 16.0 12.1 18.1
70 12.7 10.4 15.6



#38
Carbon Tetrachloride
Concen: 20.459 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 117 Resp: 42709
Ion Ratio Lower Upper
117 100
119 100.2 80.1 120.1
121 29.0 25.5 38.3

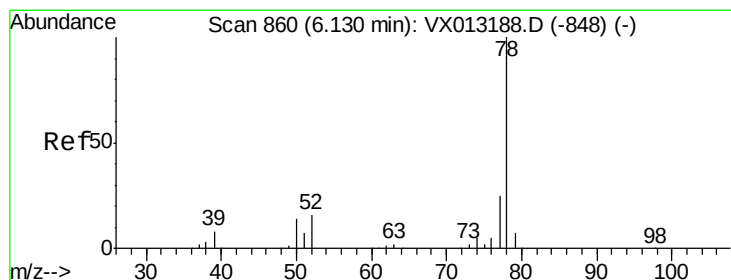
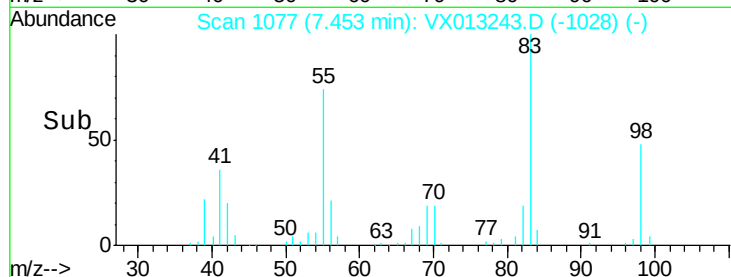
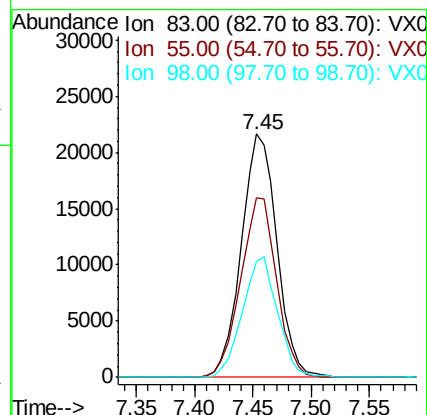
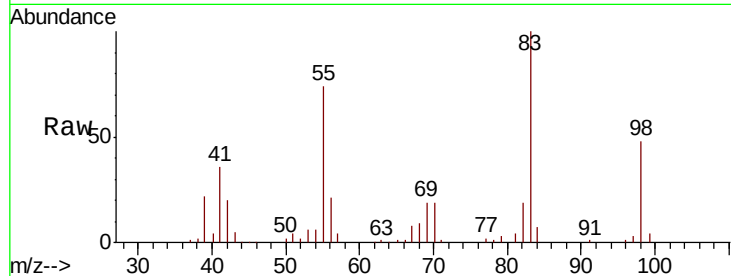




#39
Methylvlcyclohexane
Concen: 19.097 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

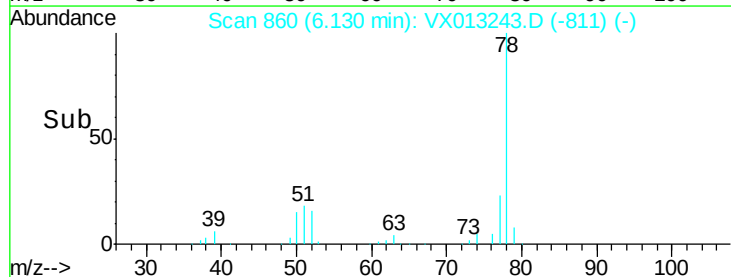
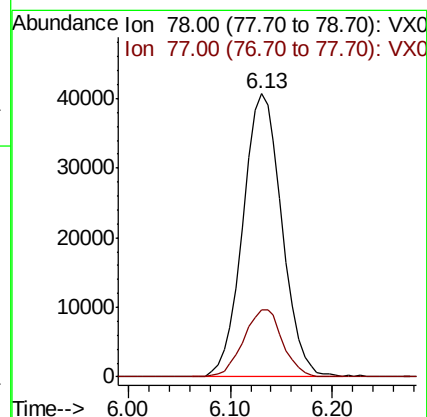
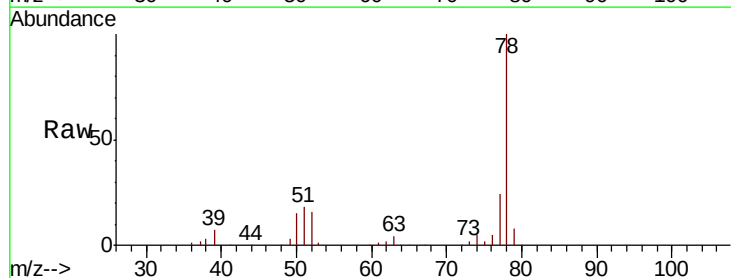
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

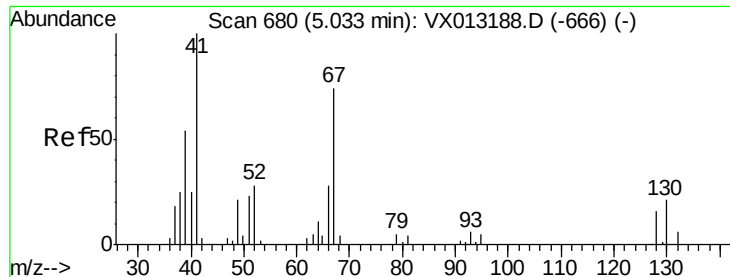
Tot Ion: 83 Resp: 46173
Ion Ratio Lower Upper
83 100
55 73.6 60.1 90.1
98 47.6 39.8 59.8



#40
Benzene
Concen: 19.043 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 78 Resp: 108029
Ion Ratio Lower Upper
78 100
77 23.8 19.6 29.4

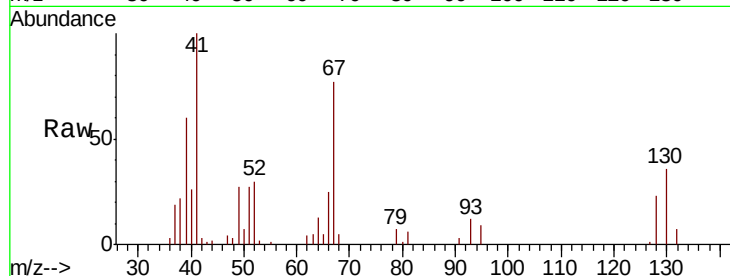




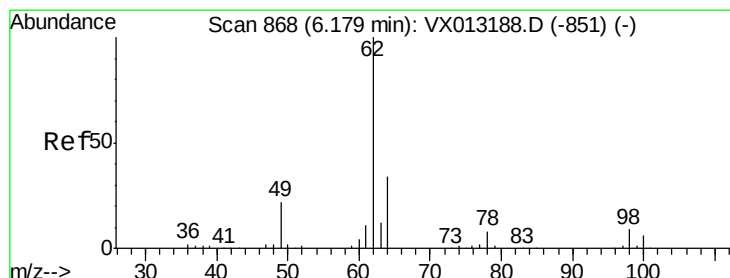
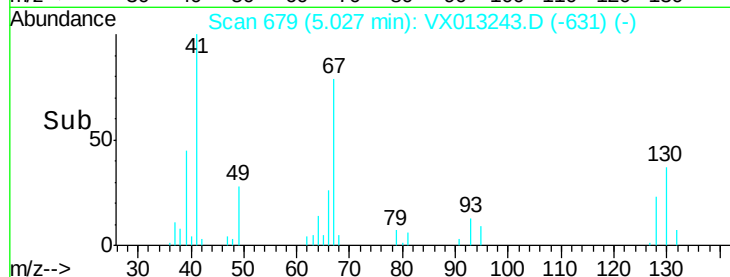
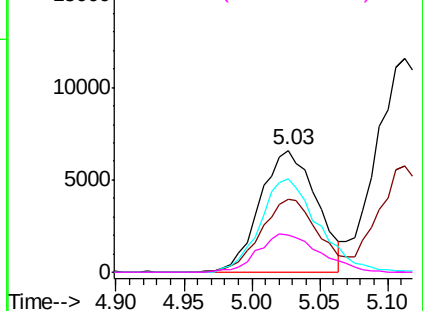
#41
Methacrylonitrile
Concen: 18.973 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

Tot Ion:	41	Resp:	19145
Ion	Ratio	Lower	Upper
41	100		
39	62.4	45.2	67.8
67	78.7	61.3	91.9
52	34.2	25.1	37.7

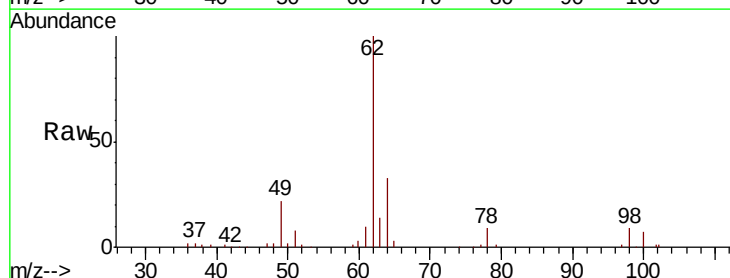


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

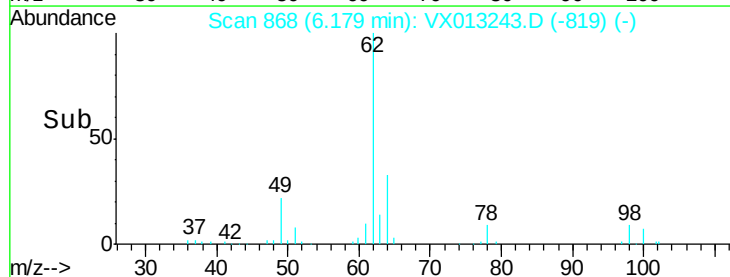
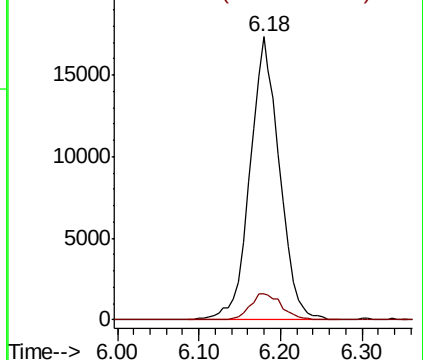


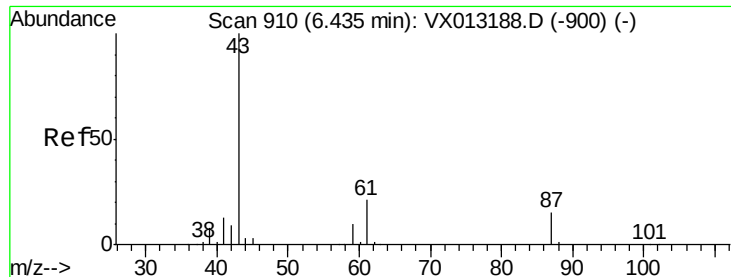
#42
1,2-Dichloroethane
Concen: 20.444 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion:	62	Resp:	43727
Ion	Ratio	Lower	Upper
62	100		
98	9.8	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: 19.242 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

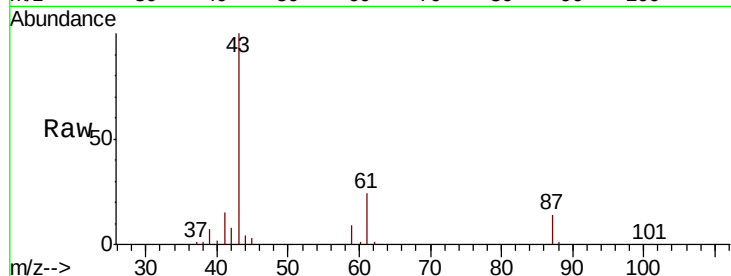
Tot Ion: 43 Resp: 60130

Ion Ratio Lower Upper

43 100

61 22.3 17.0 25.4

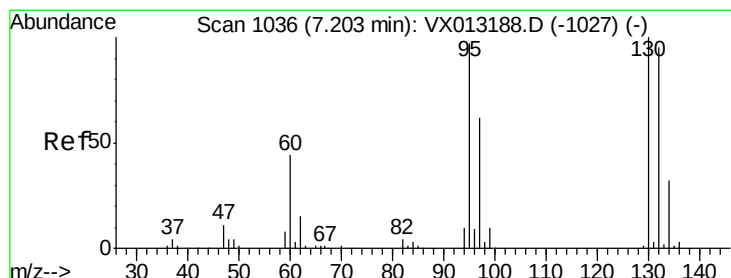
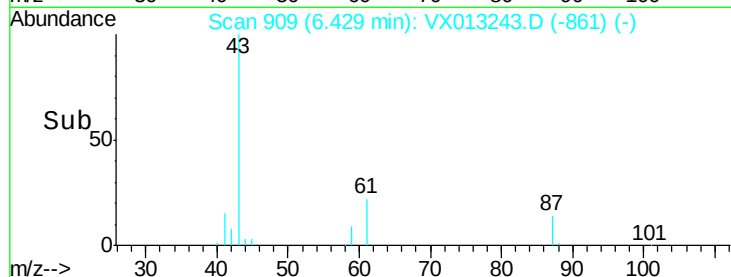
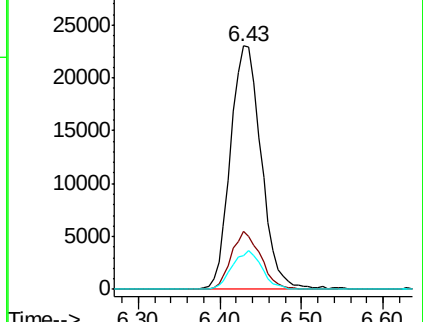
87 15.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.332 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013243.D

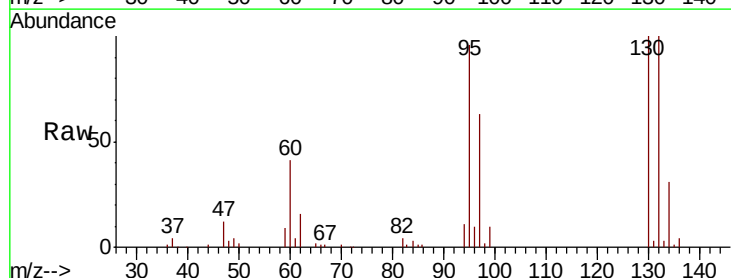
Acq: 28 Oct 2019 13:20

Tgt Ion:130 Resp: 31126

Ion Ratio Lower Upper

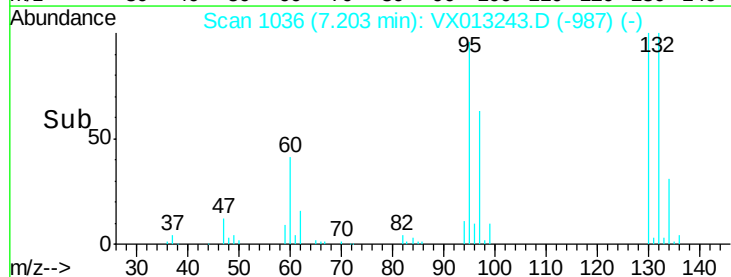
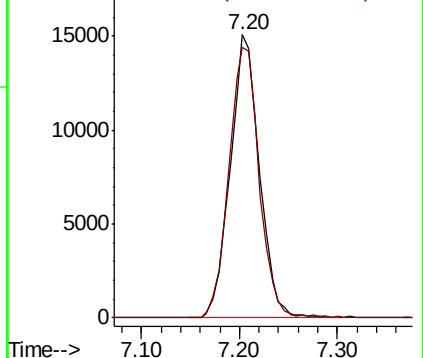
130 100

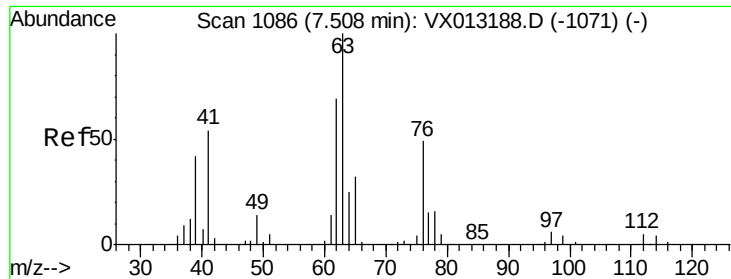
95 95.5 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.385 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampled :

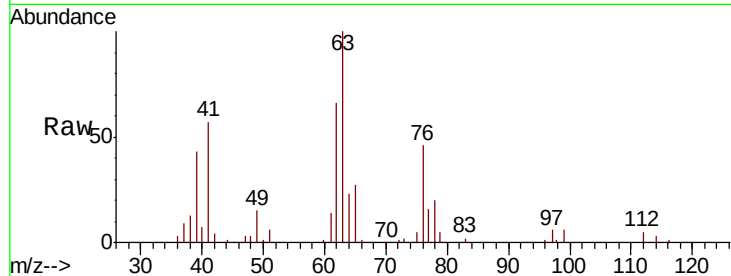
VX1028WBS01

Tot Ion: 63 Resp: 27543

Ion Ratio Lower Upper

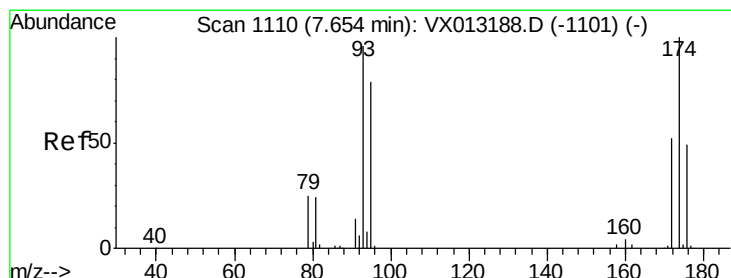
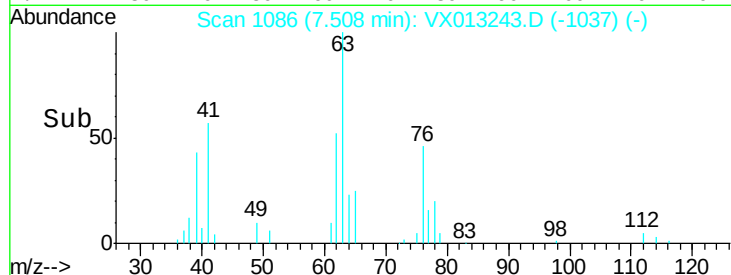
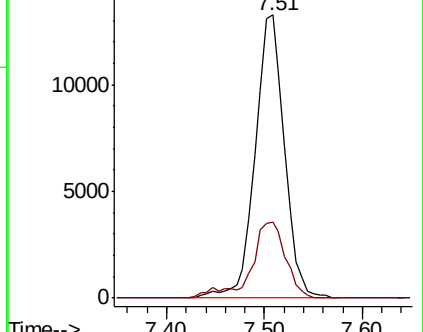
63 100

65 27.0 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.318 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

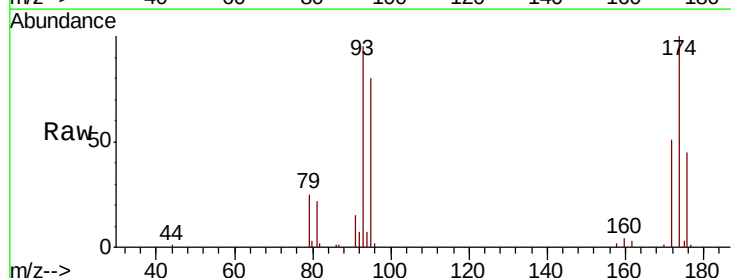
Tgt Ion: 93 Resp: 19776

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

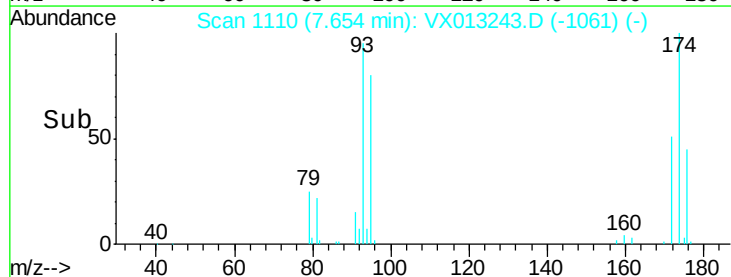
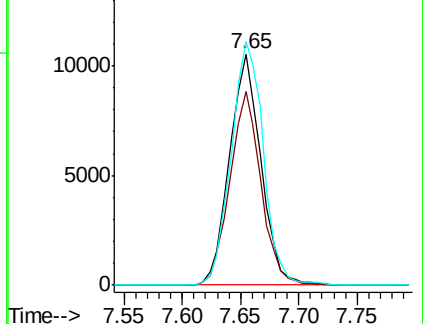
174 108.3 85.2 127.8

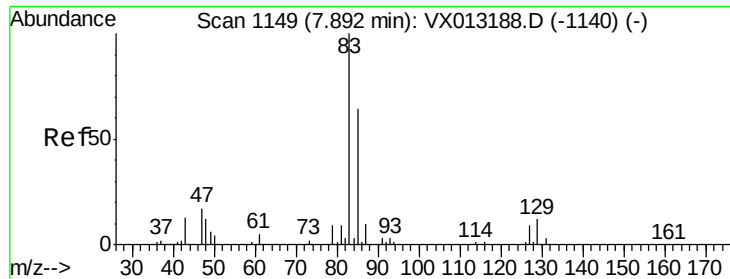


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

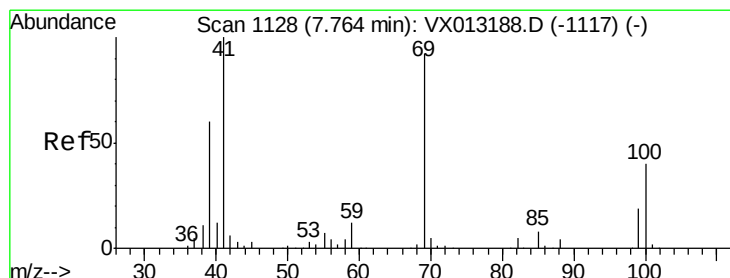
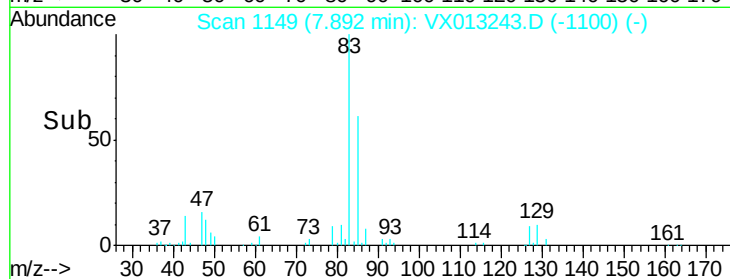
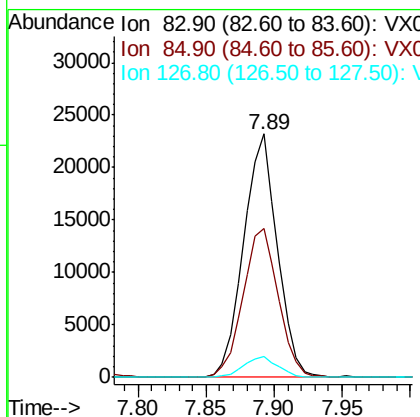
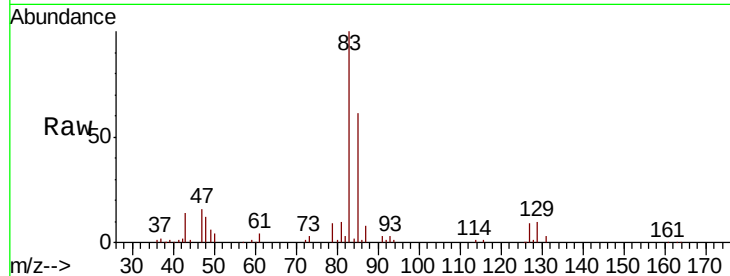




#47
Bromodichloromethane
Concen: 20.166 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

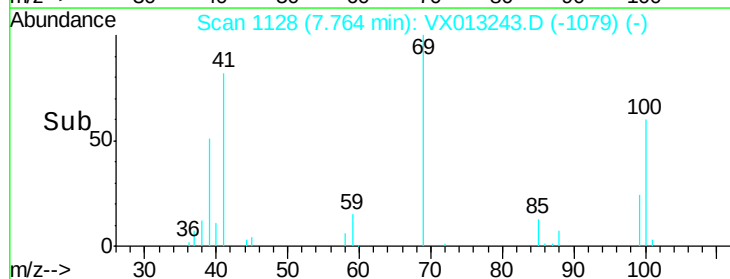
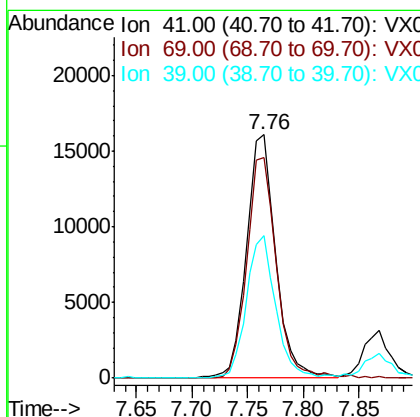
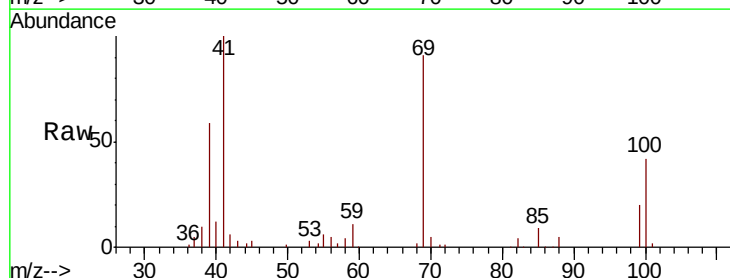
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

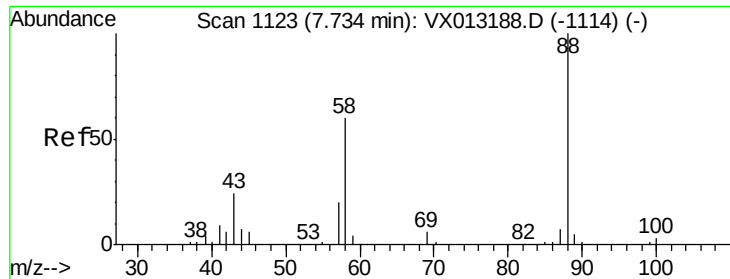
Tot Ion: 83 Resp: 40231
Ion Ratio Lower Upper
83 100
85 61.2 51.0 76.6
127 8.8 7.2 10.8



#48
Methyl methacrylate
Concen: 19.106 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 41 Resp: 29508
Ion Ratio Lower Upper
41 100
69 91.8 72.0 108.0
39 58.3 47.4 71.0

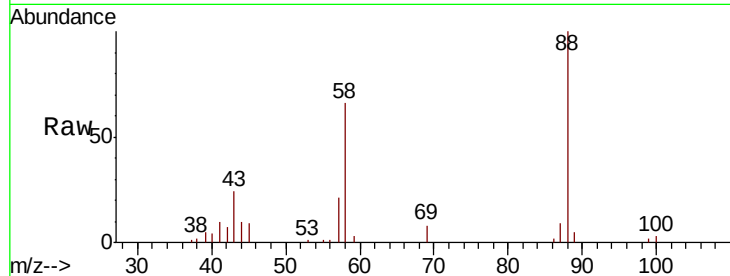




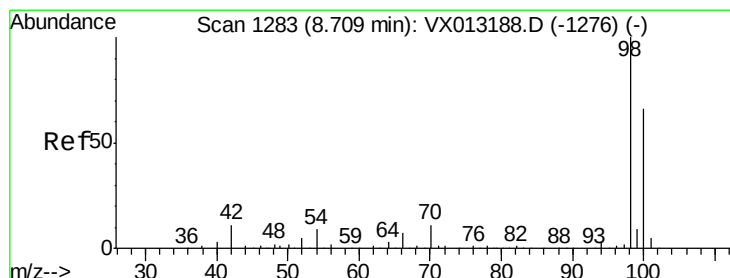
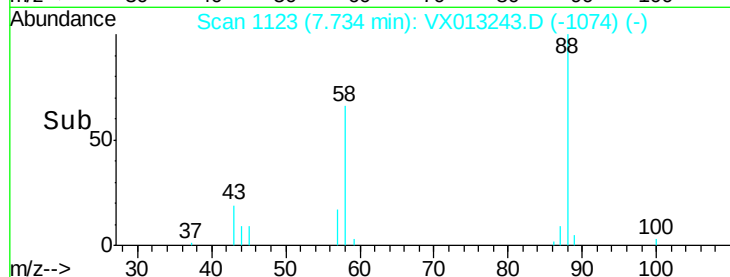
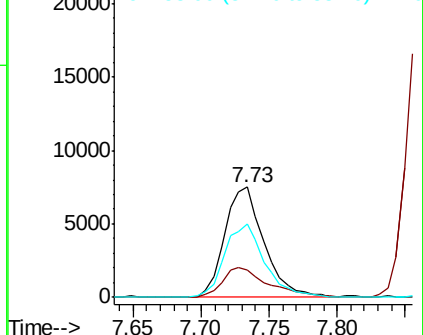
#49
1,4-Dioxane
Concen: 384.241 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 88 Resp: 15104
Ion Ratio Lower Upper
88 100
43 31.5 24.5 36.7
58 67.6 54.1 81.1

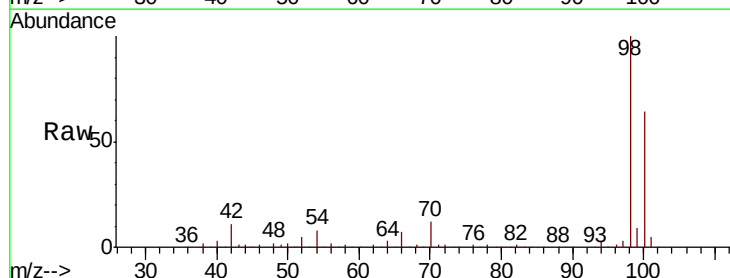


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

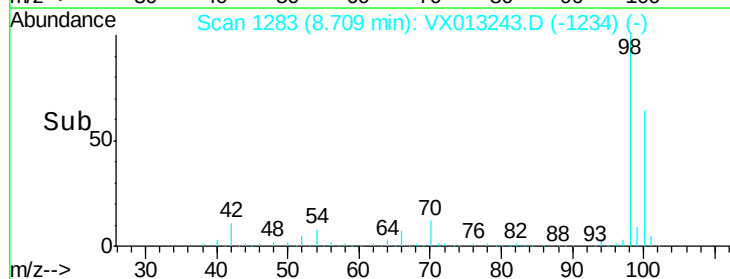
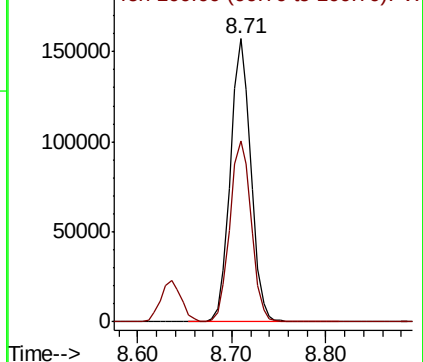


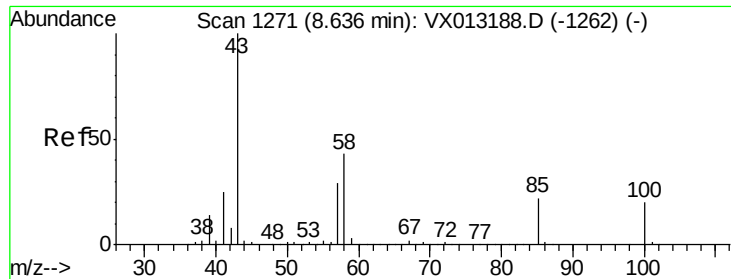
#50
Toluene-d8
Concen: 50.815 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 98 Resp: 237176
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



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

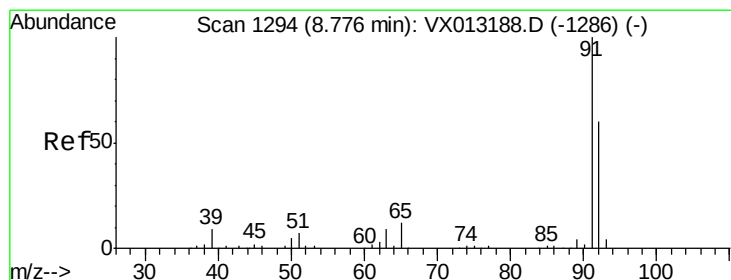
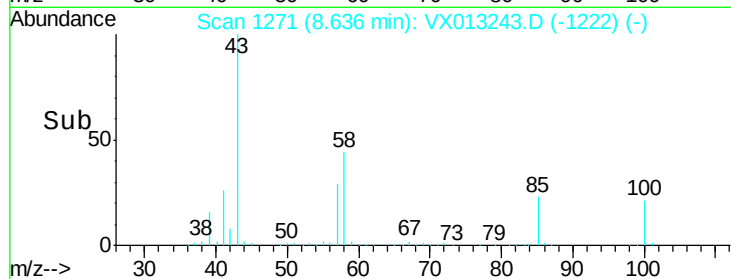
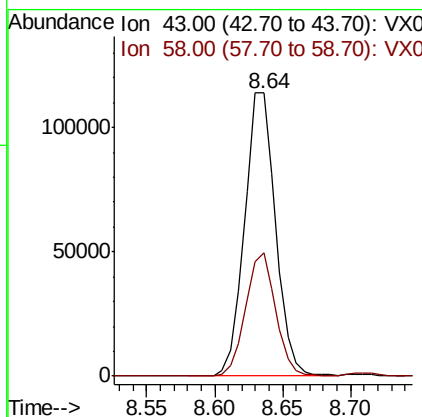
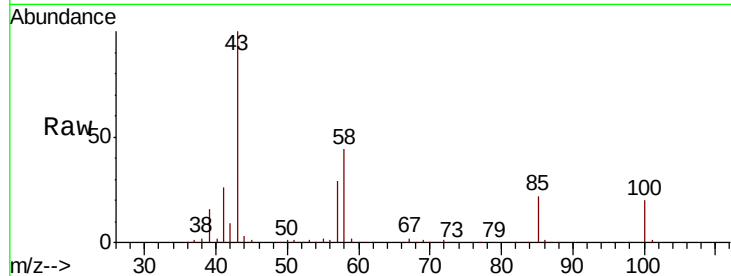




#51
4-Methyl-2-Pentanone
Concen: 95.628 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

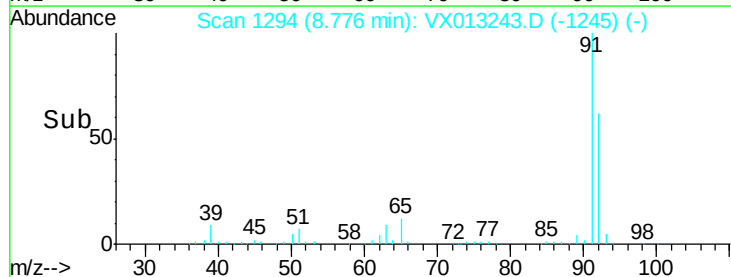
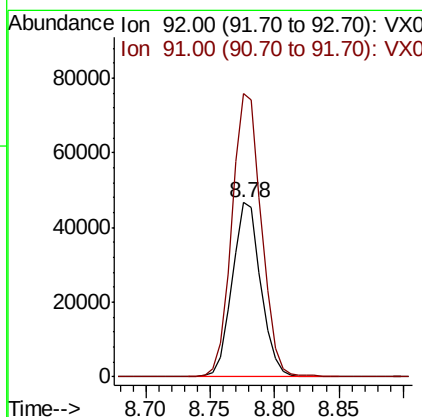
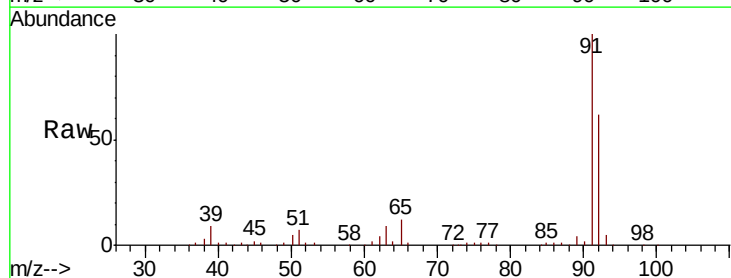
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

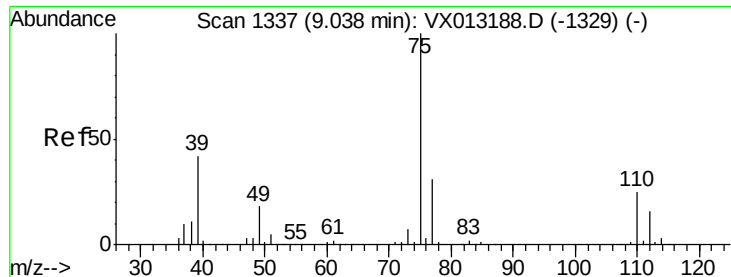
Tot Ion: 43 Resp: 182142
Ion Ratio Lower Upper
43 100
58 42.2 33.9 50.9



#52
Toluene
Concen: 19.324 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 92 Resp: 72648
Ion Ratio Lower Upper
92 100
91 166.8 133.9 200.9

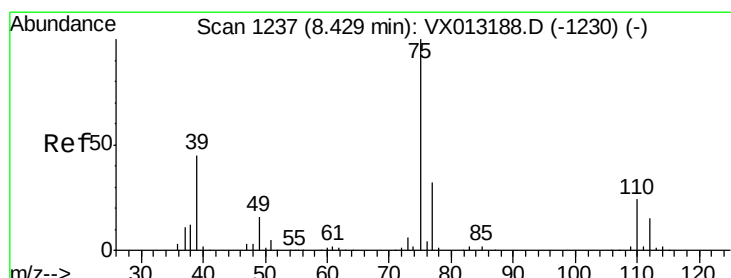
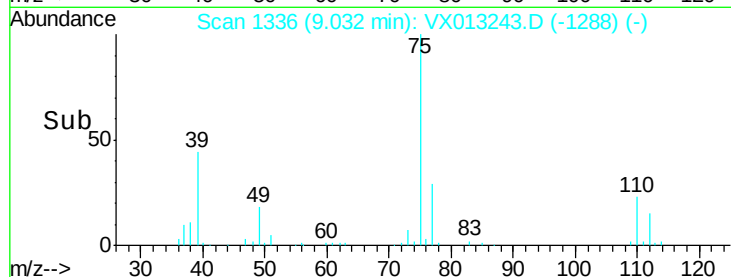
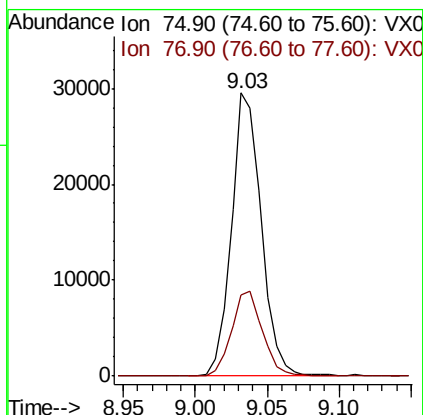
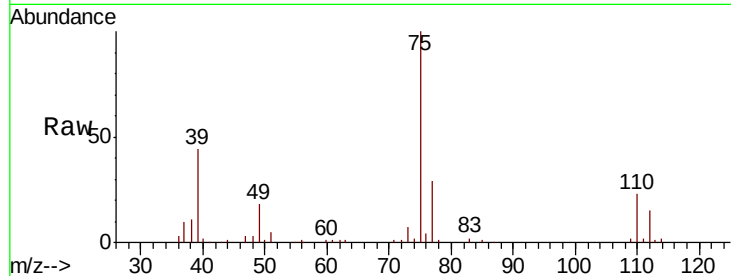




#53
 t-1,3-Dichloropropene
 Concen: 20.195 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

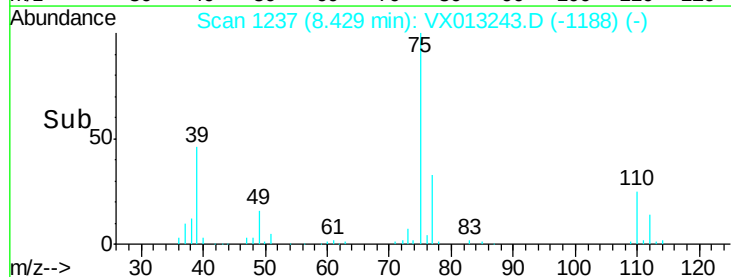
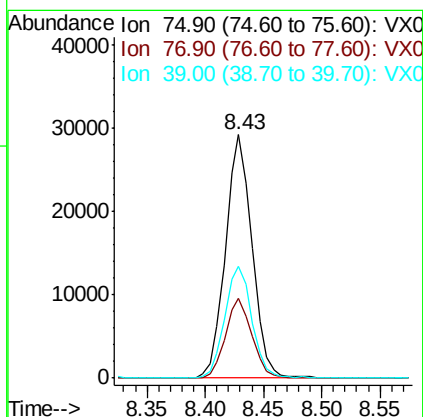
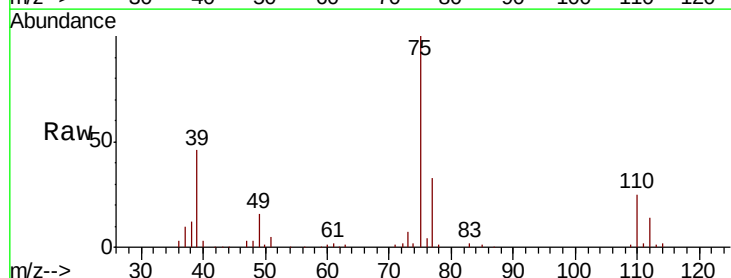
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

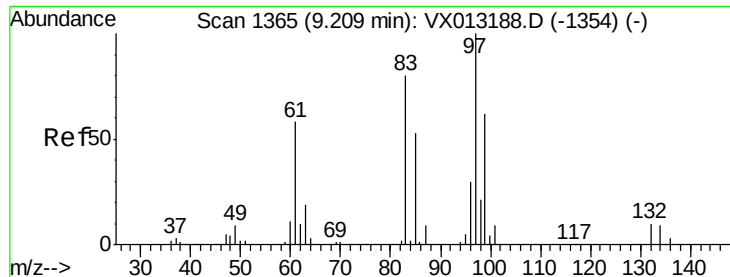
Tot Ion: 75 Resp: 42813
 Ion Ratio Lower Upper
 75 100
 77 28.8 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.880 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion: 75 Resp: 46105
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0
 39 45.9 36.2 54.4

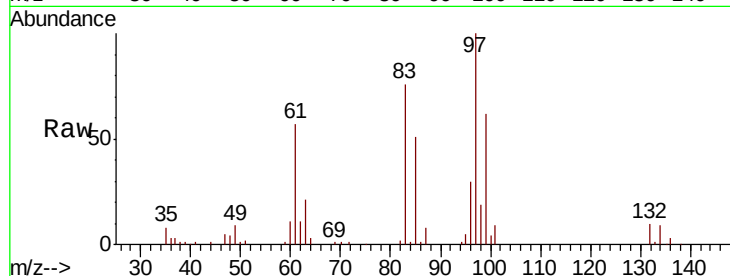




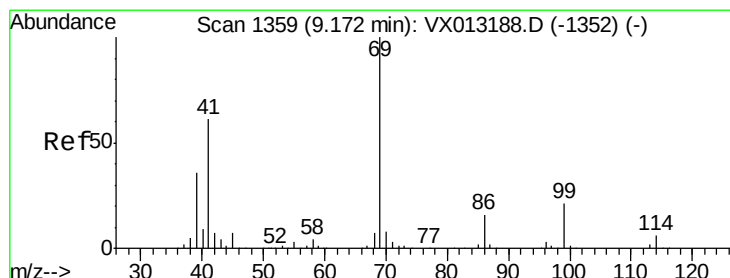
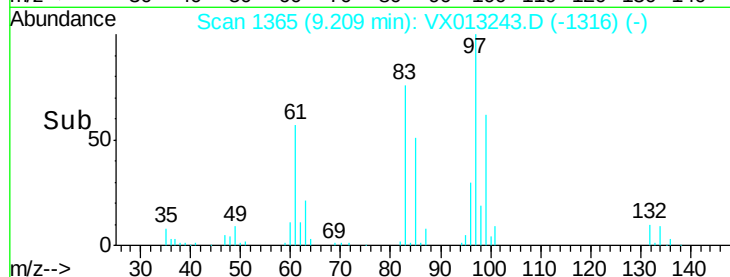
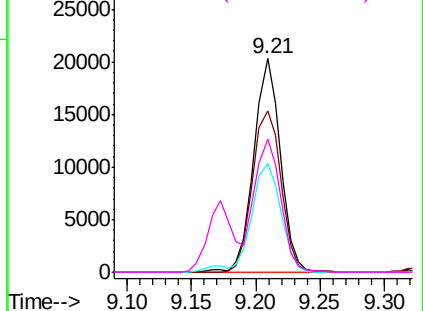
#55
1,1,2-Trichloroethane
Concen: 19.392 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion:	97	Resp:	28824
Ion	Ratio	Lower	Upper
97	100		
83	75.5	64.1	96.1
85	50.8	42.1	63.1
99	62.1	49.4	74.2

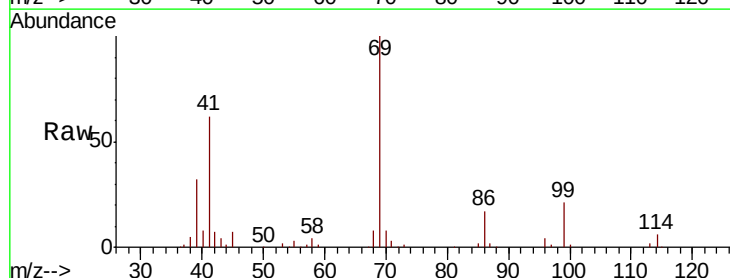


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

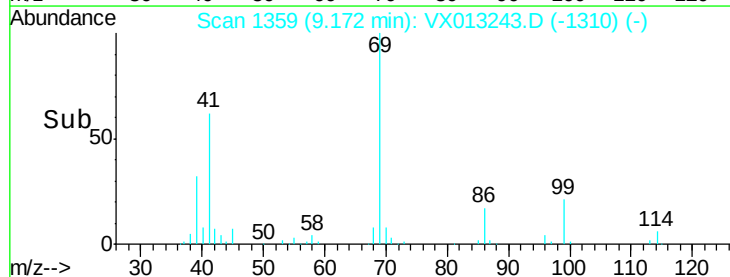
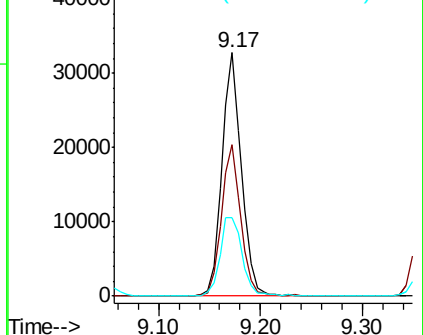


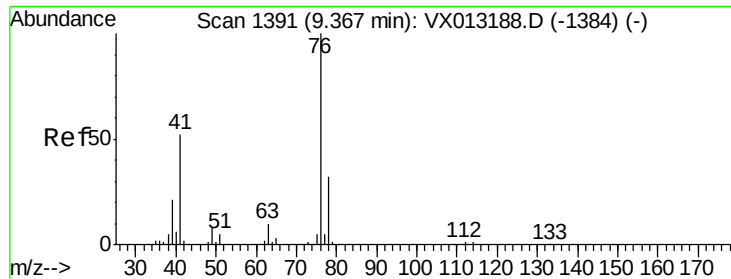
#56
Ethyl methacrylate
Concen: 19.541 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion:	69	Resp:	43716
Ion	Ratio	Lower	Upper
69	100		
41	61.2	49.5	74.3
39	37.0	28.3	42.5



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

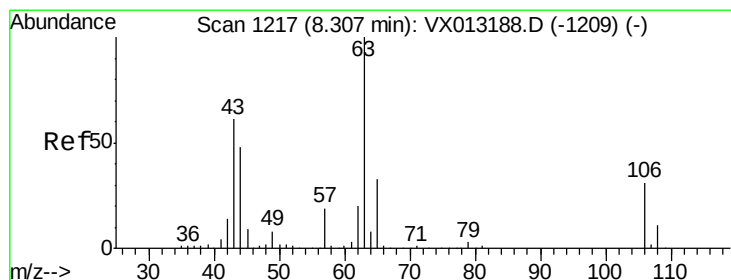
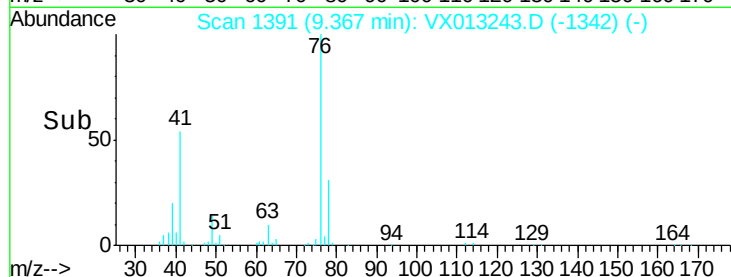
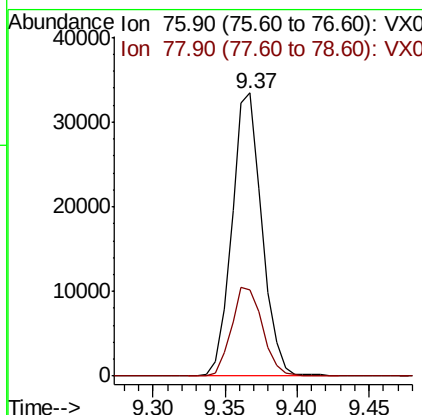
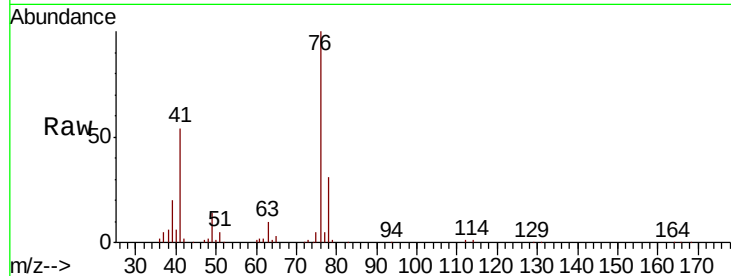




#57
 1,3-Dichloropropane
 Concen: 19.407 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

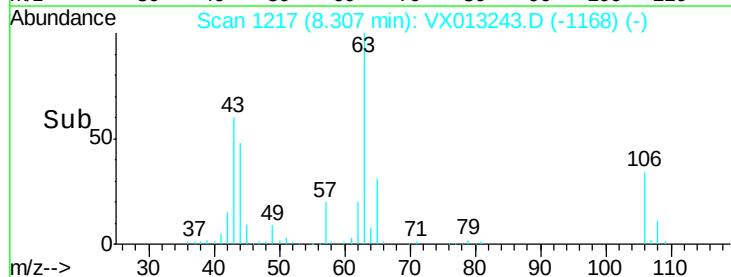
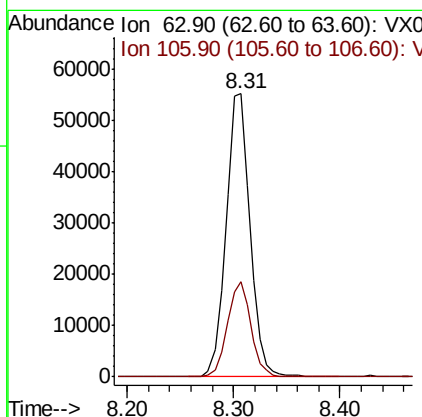
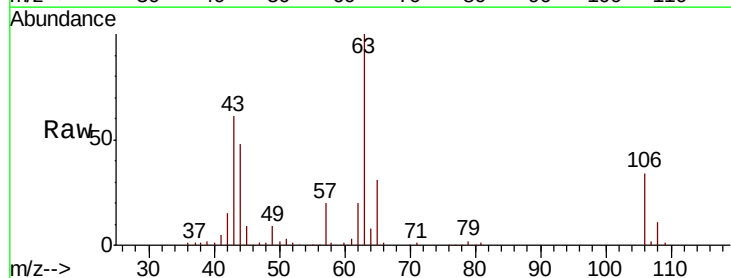
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

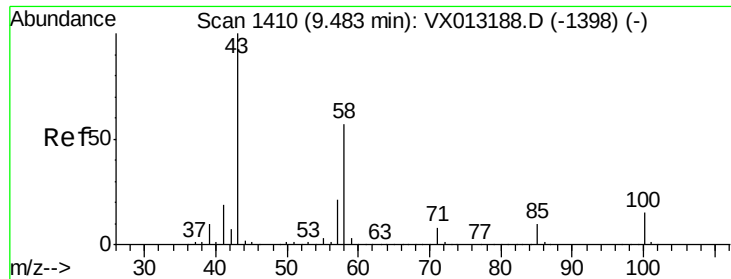
Tot Ion: 76 Resp: 48673
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.742 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion: 63 Resp: 87066
 Ion Ratio Lower Upper
 63 100
 106 32.8 25.4 38.0

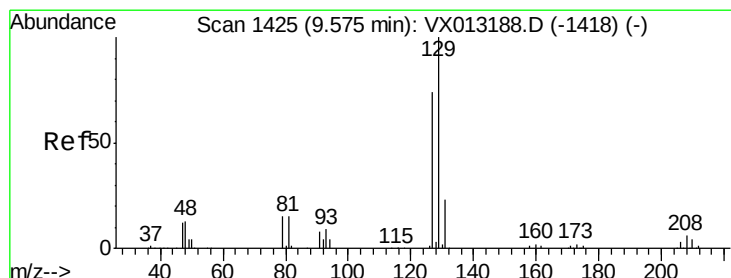
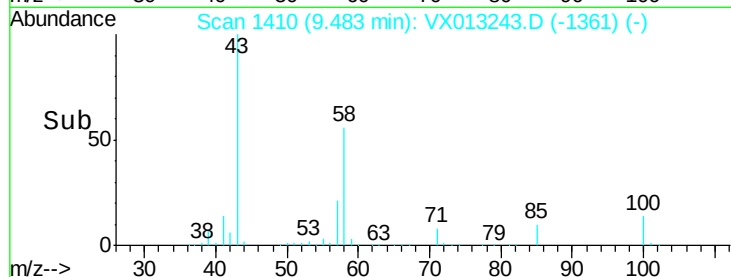
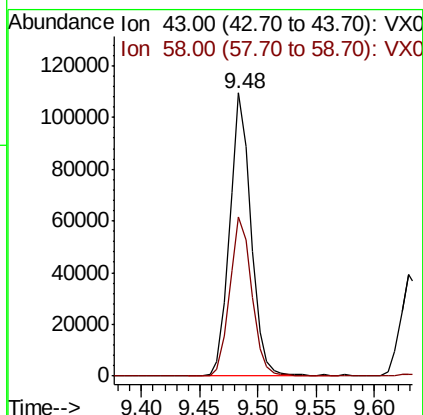
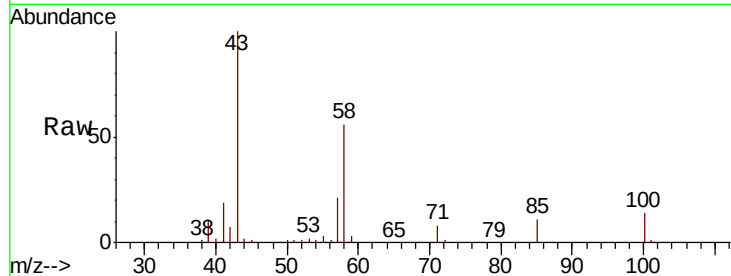




#59
2-Hexanone
Concen: 95.273 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

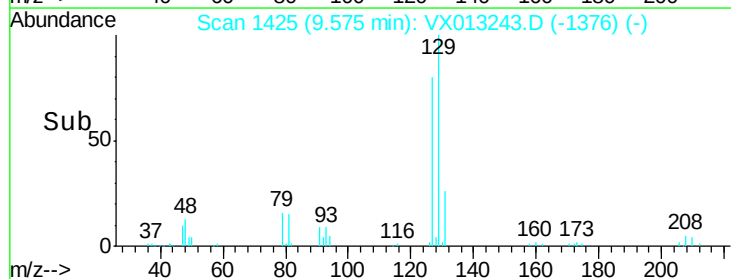
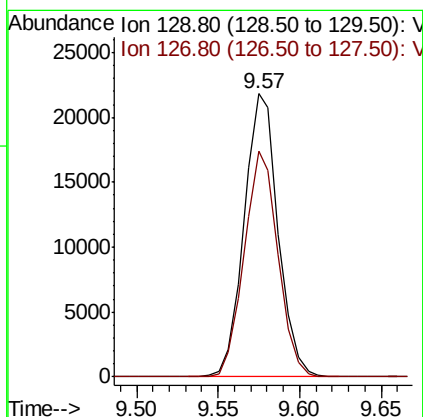
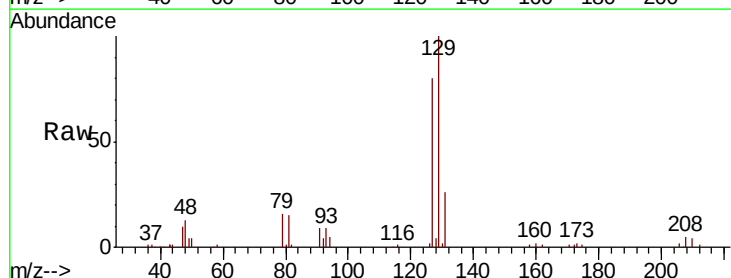
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

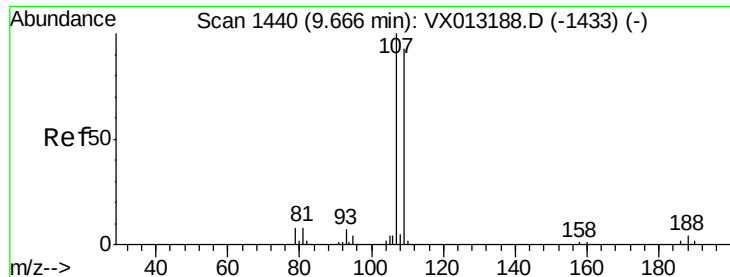
Tot Ion: 43 Resp: 139782
Ion Ratio Lower Upper
43 100
58 57.9 28.2 84.7



#60
Dibromochloromethane
Concen: 20.287 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion:129 Resp: 31597
Ion Ratio Lower Upper
129 100
127 79.3 38.2 114.6

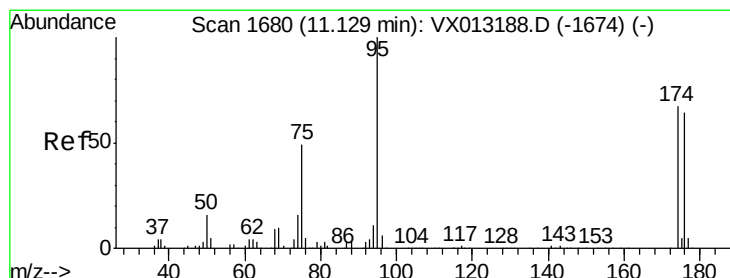
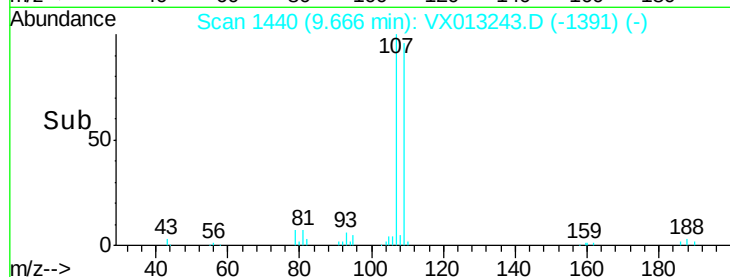
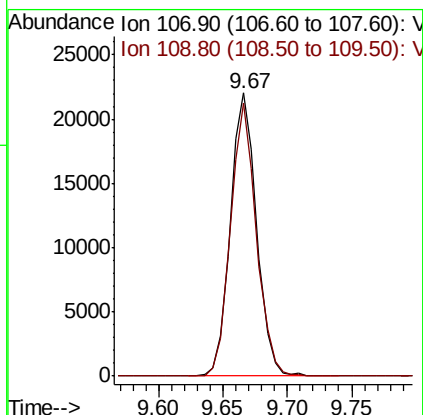
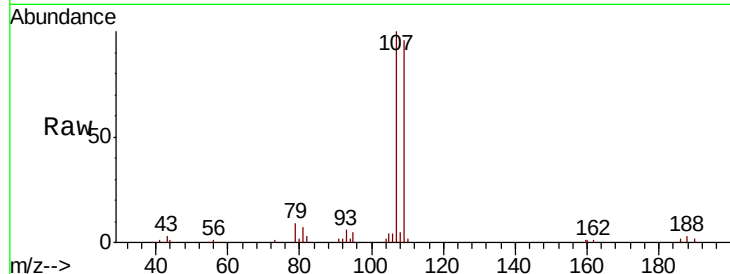




#61
 1,2-Dibromoethane
 Concen: 19.824 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

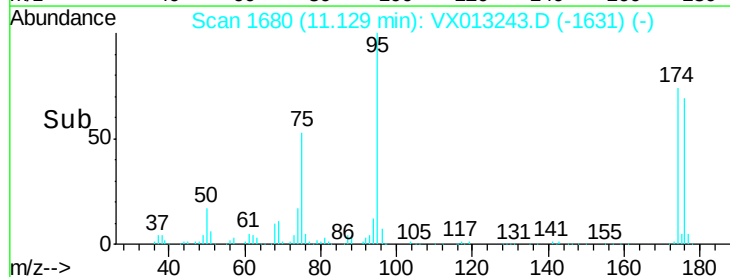
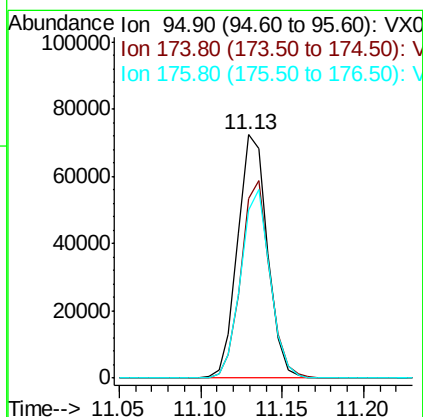
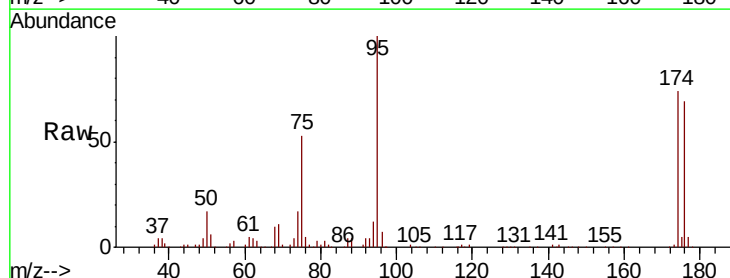
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

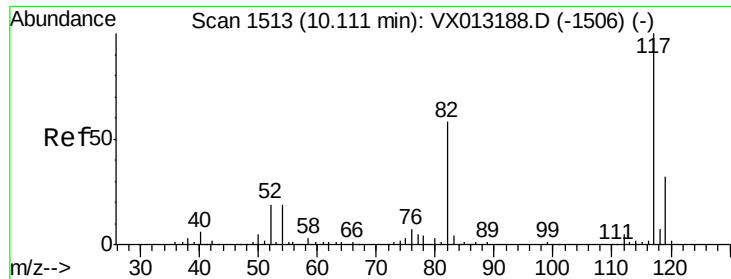
Tot Ion:107 Resp: 31282
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.009 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion: 95 Resp: 92386
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 152.4
 176 76.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

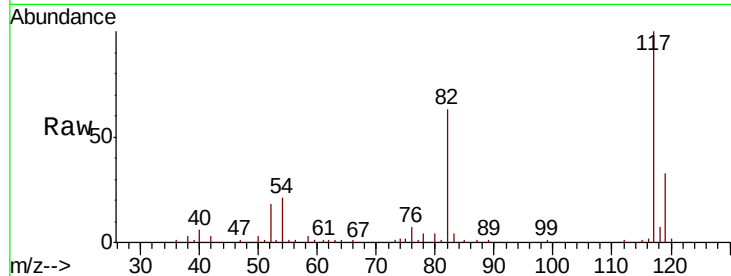
Tot Ion:117 Resp: 115481

Ion Ratio Lower Upper

117 100

82 62.5 46.5 69.7

119 33.2 25.2 37.8



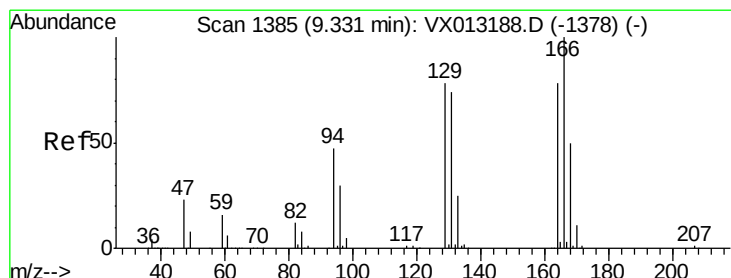
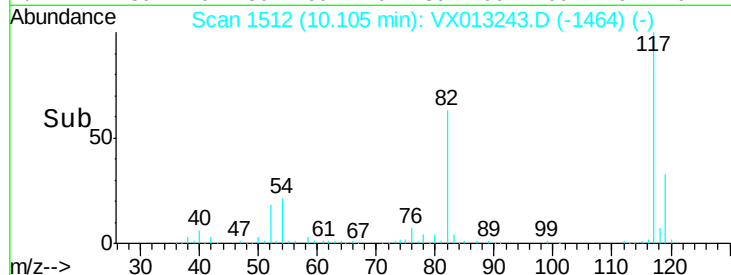
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time-->



#64

Tetrachloroethene

Concen: 20.867 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion:164 Resp: 31333

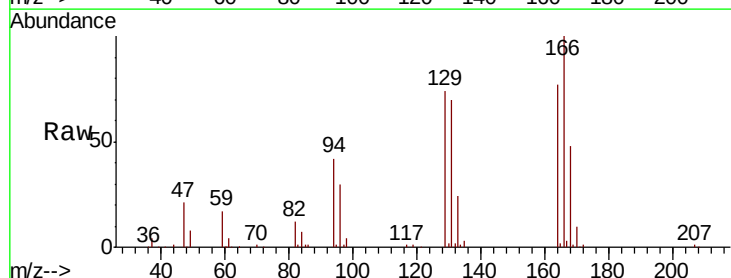
Ion Ratio Lower Upper

164 100

166 130.1 102.2 153.4

129 95.7 79.8 119.8

131 90.8 75.3 112.9



Abundance Ion 163.80 (163.50 to 164.50): V

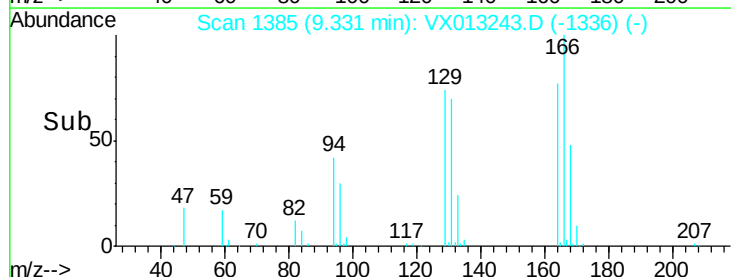
Ion 165.80 (165.50 to 166.50): V

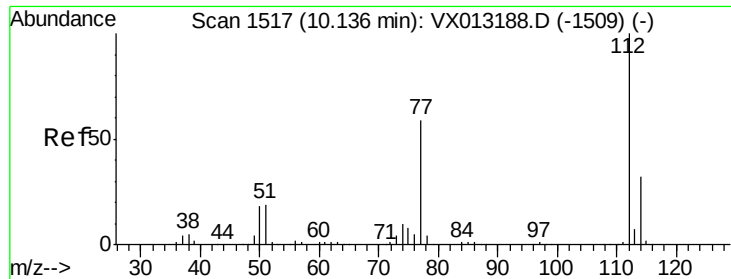
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

9.33

Time-->

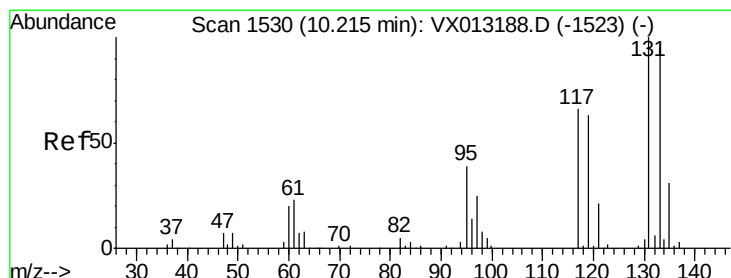
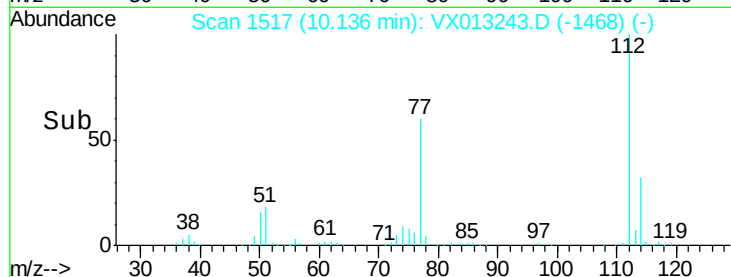
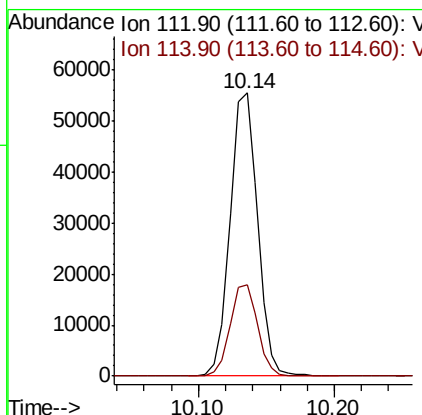
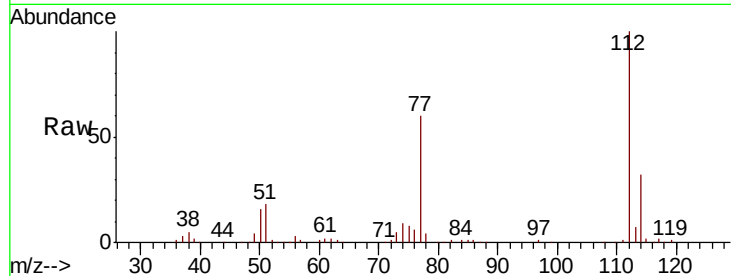




#65
Chlorobenzene
Concen: 19.288 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

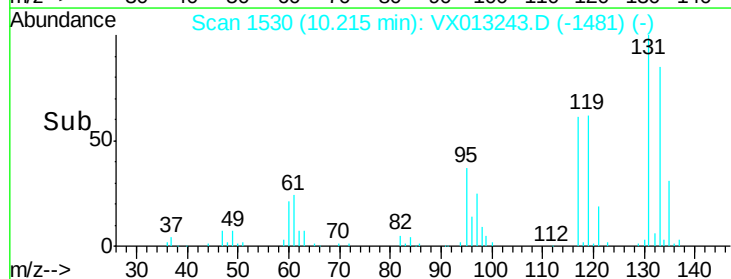
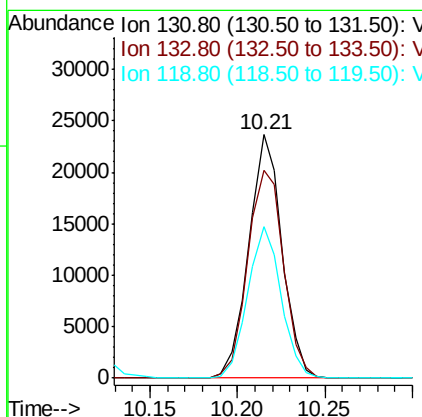
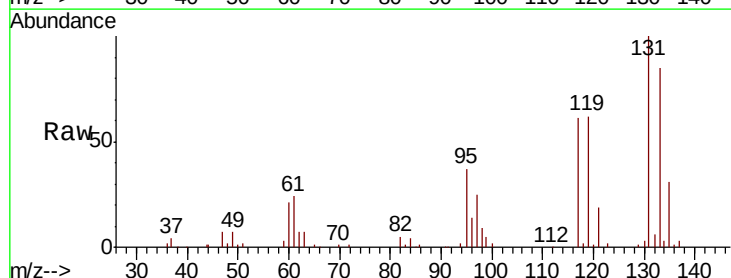
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

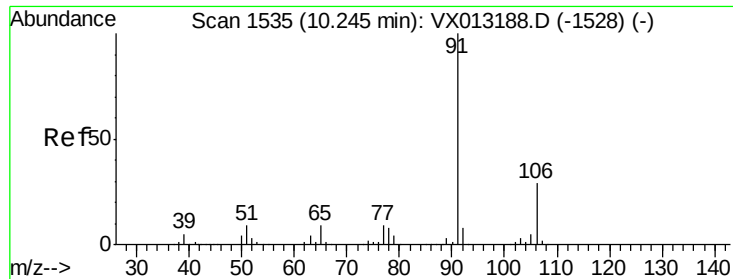
Tot Ion:112 Resp: 77972
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.917 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion:131 Resp: 31237
Ion Ratio Lower Upper
131 100
133 92.3 48.4 145.2
119 62.6 32.4 97.0

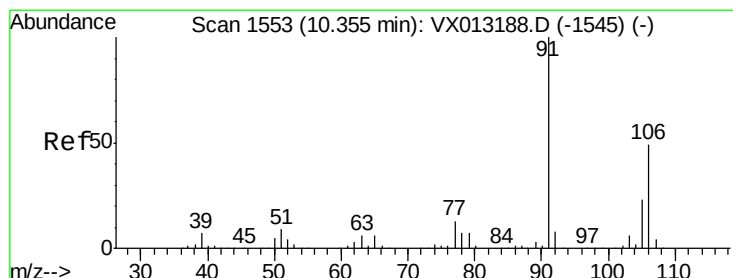
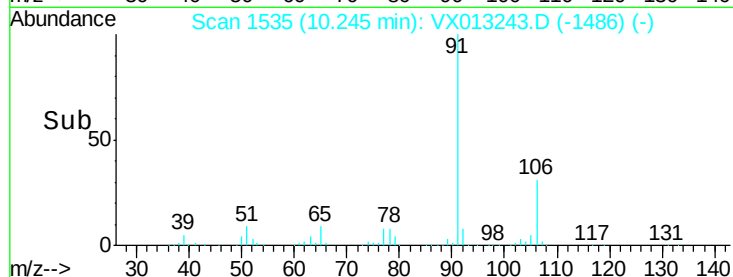
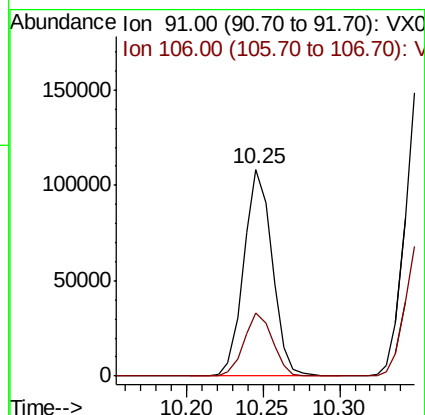
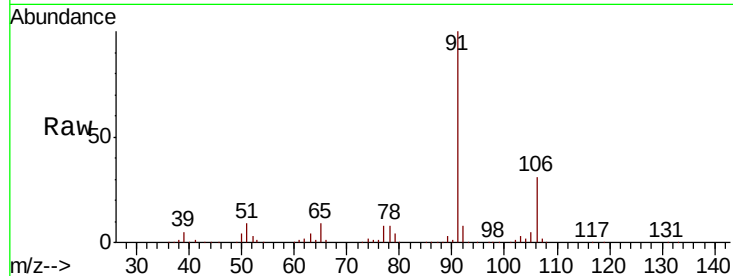




#67
Ethyl Benzene
Concen: 19.341 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

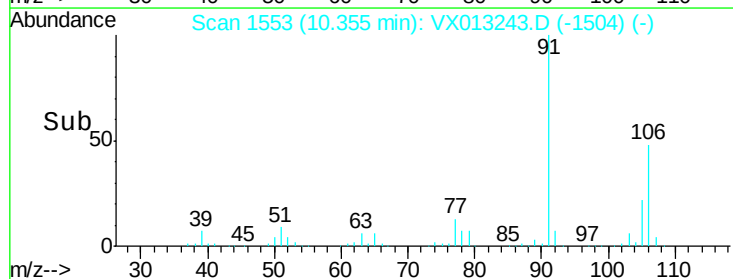
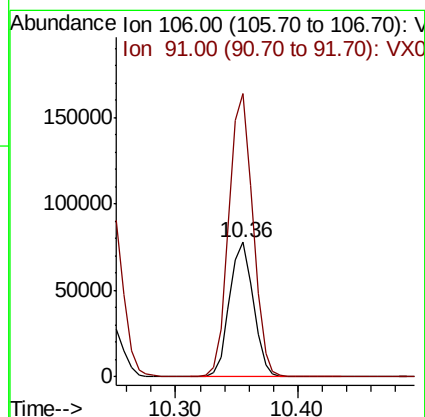
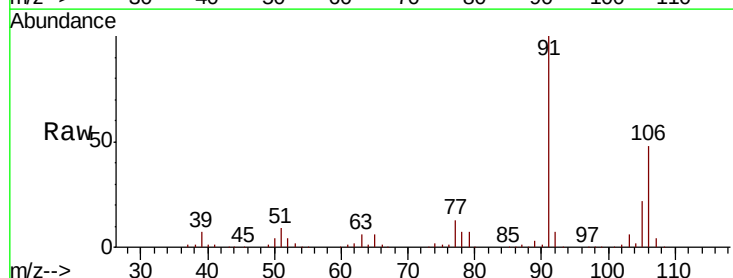
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

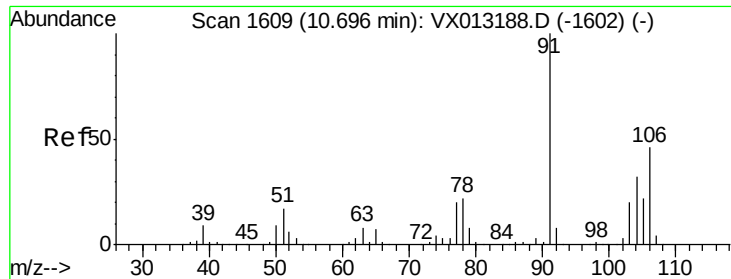
Tot Ion: 91 Resp: 139972
Ion Ratio Lower Upper
91 100
106 30.6 23.5 35.3



#68
m/p-Xylenes
Concen: 38.601 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 106 Resp: 105574
Ion Ratio Lower Upper
106 100
91 211.0 166.8 250.2

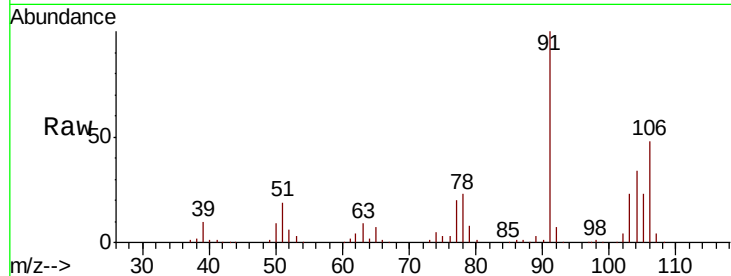




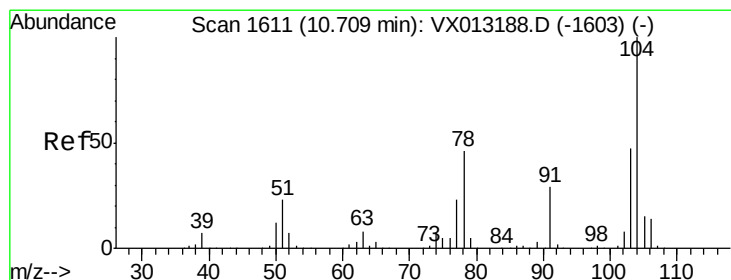
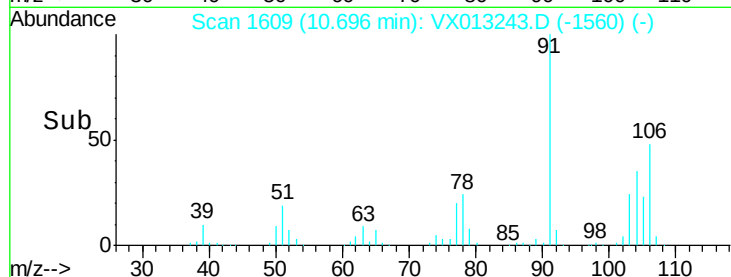
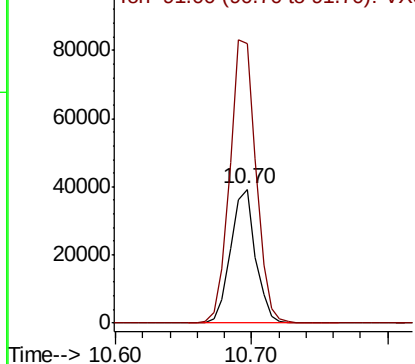
#69
o-Xylene
Concen: 19.067 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion:106 Resp: 50024
Ion Ratio Lower Upper
106 100
91 222.2 110.7 331.9

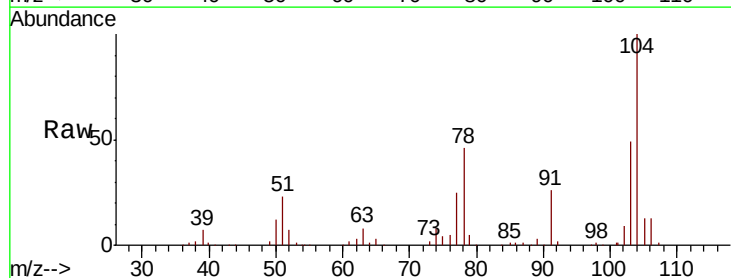


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

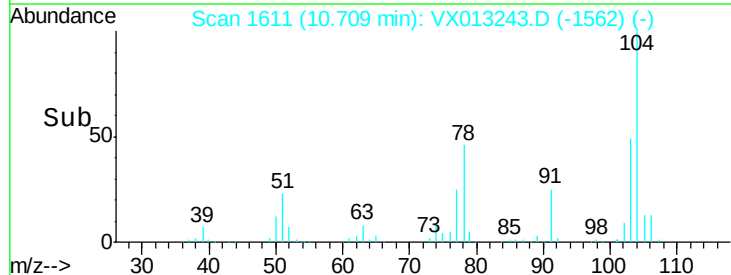
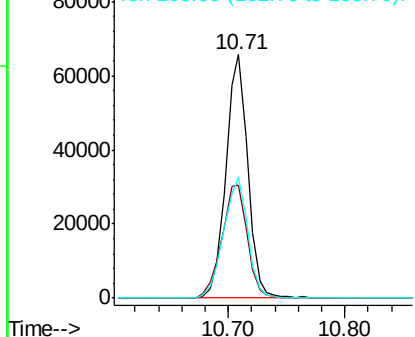


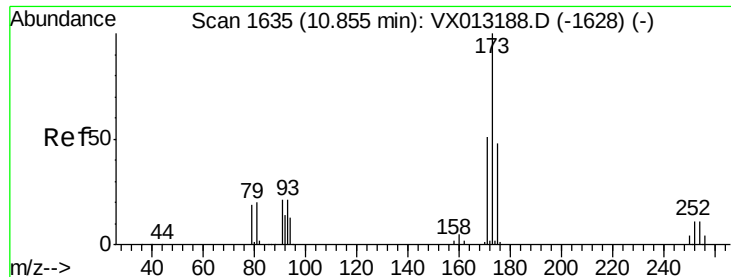
#70
Styrene
Concen: 18.961 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion:104 Resp: 85658
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.6 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: 20.575 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

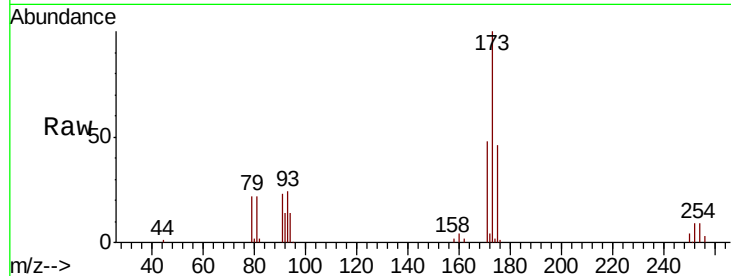
Tot Ion:173 Resp: 22451

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

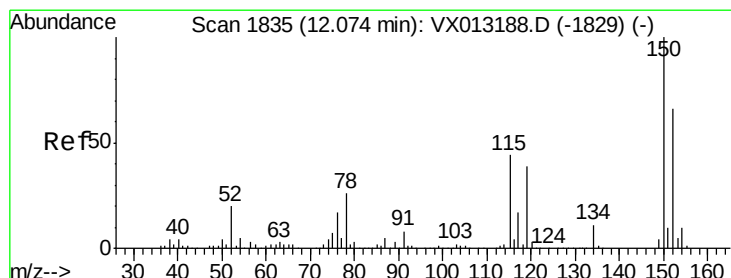
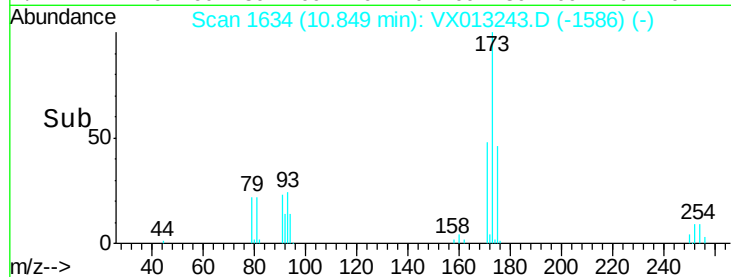
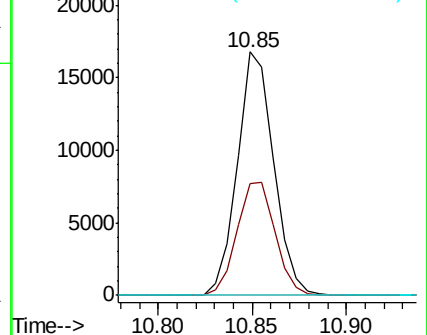
254 0.0 0.1 0.1#



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: VX013243.D

Acq: 28 Oct 2019 13:20

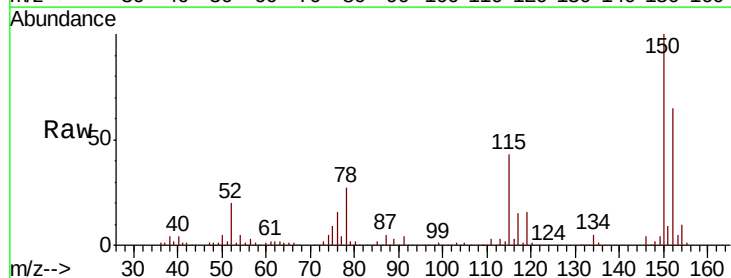
Tgt Ion:152 Resp: 78880

Ion Ratio Lower Upper

152 100

115 76.1 46.6 139.8

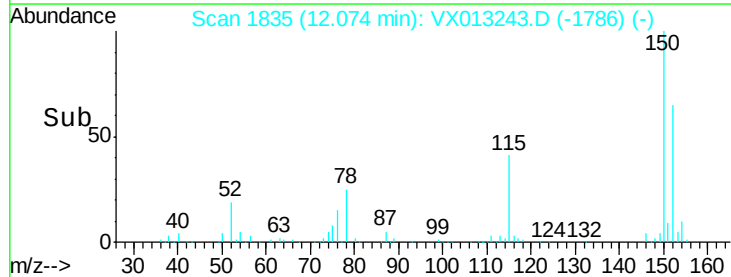
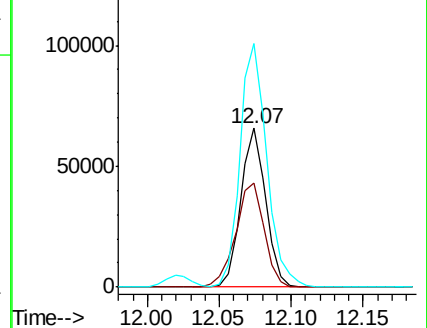
150 166.0 0.0 354.0

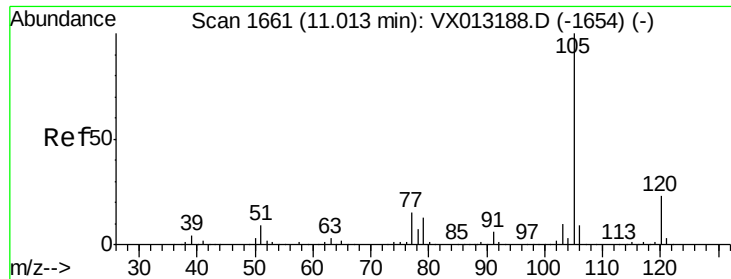


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.851 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampled :

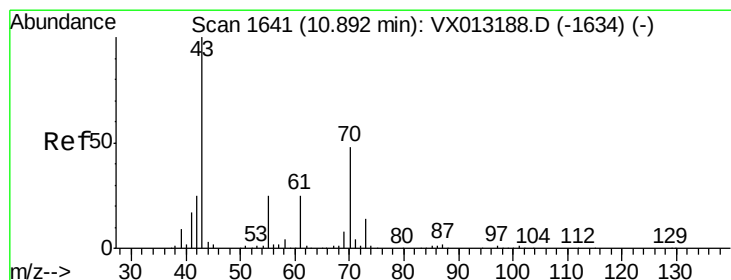
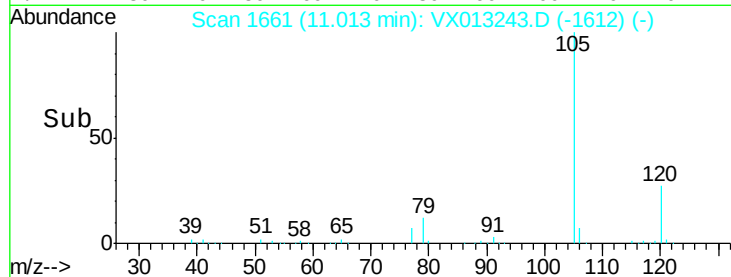
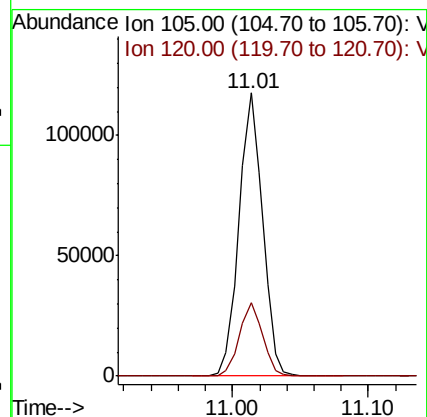
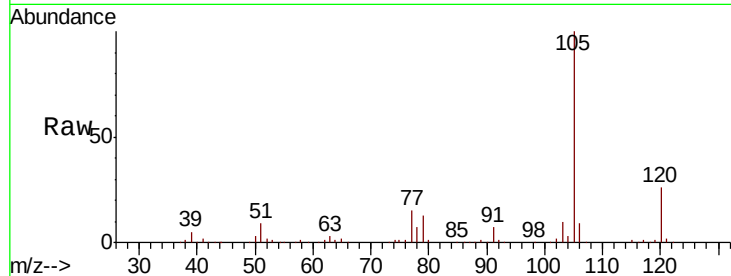
VX1028WBS01

Tot Ion:105 Resp: 142195

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 18.333 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Tgt Ion: 43 Resp: 48198

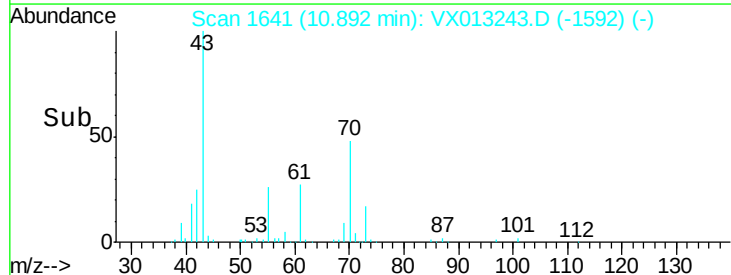
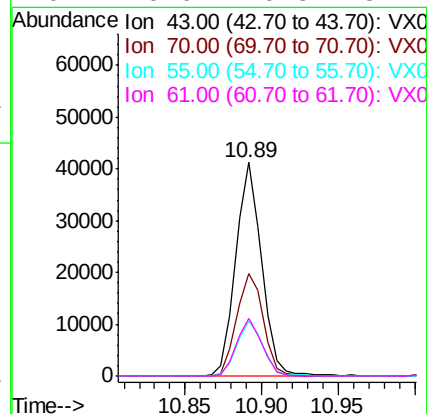
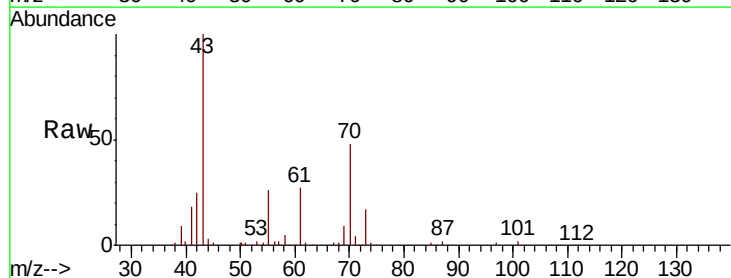
Ion Ratio Lower Upper

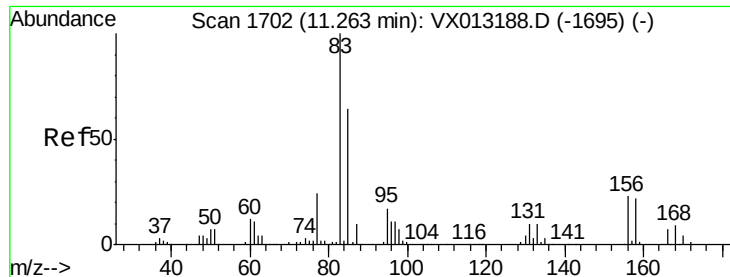
43 100

70 49.8 38.5 57.7

55 25.9 20.7 31.1

61 26.6 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.746 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampled :

VX1028WBS01

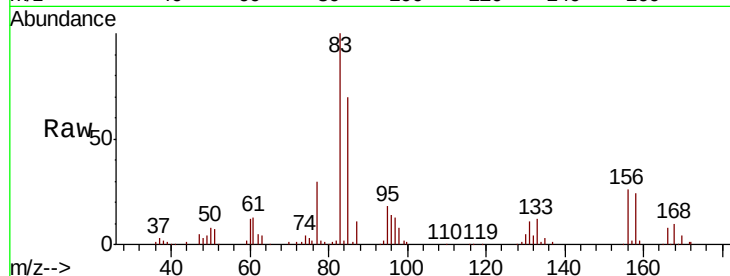
Tot Ion: 83 Resp: 40772

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

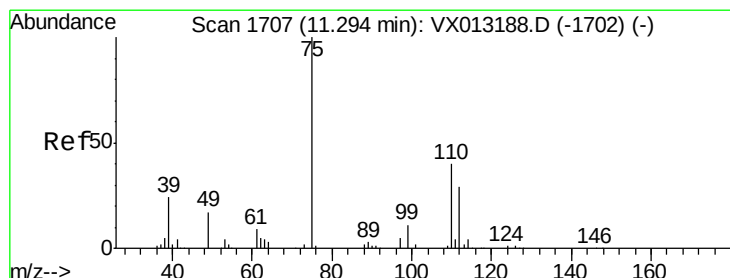
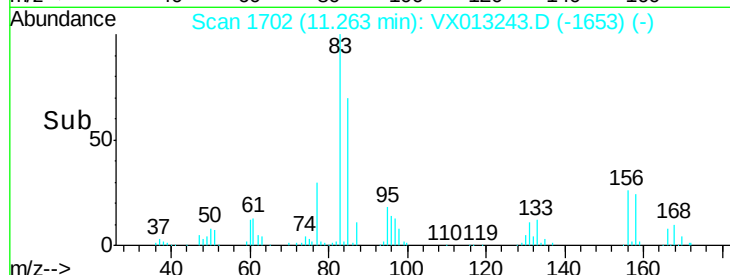
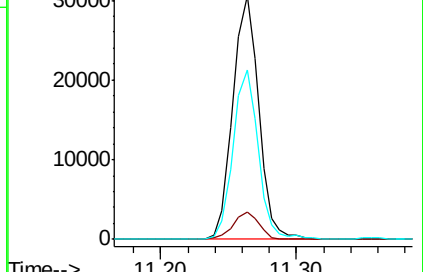
85 67.3 31.4 94.3



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: 25.415 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013243.D

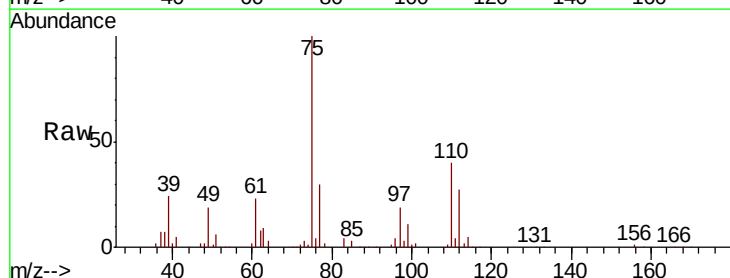
Acq: 28 Oct 2019 13:20

Tgt Ion: 75 Resp: 48317

Ion Ratio Lower Upper

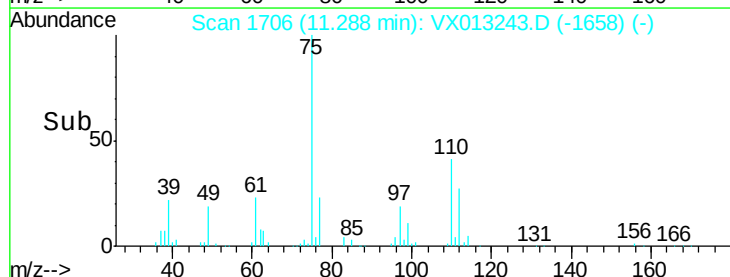
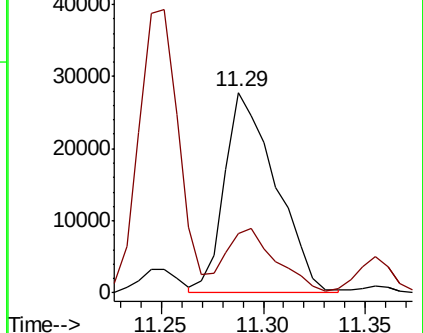
75 100

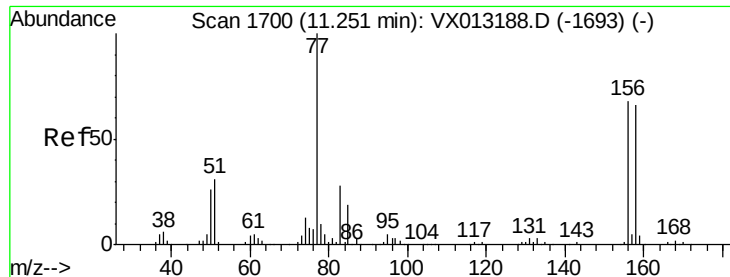
77 30.3 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.687 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampled :

VX1028WBS01

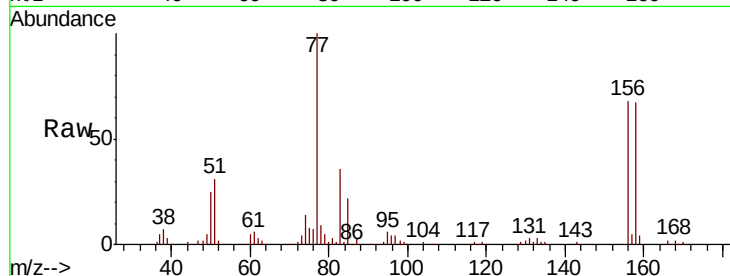
Tot Ion:156 Resp: 33799

Ion Ratio Lower Upper

156 100

77 159.4 81.7 245.1

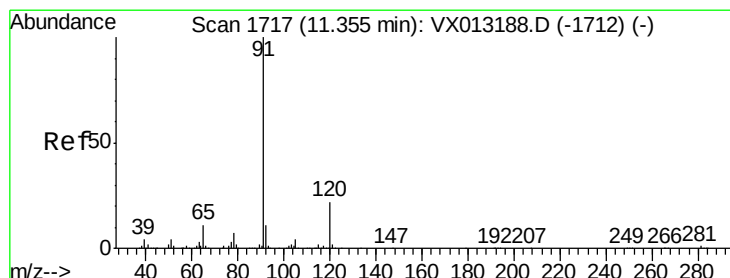
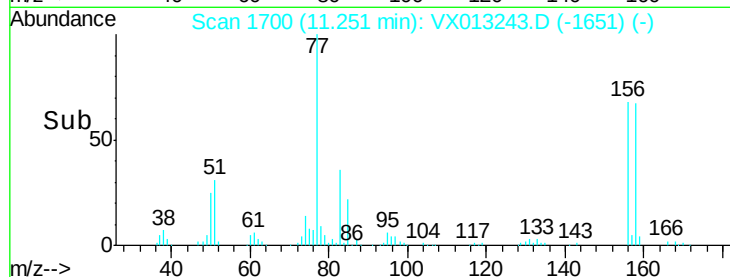
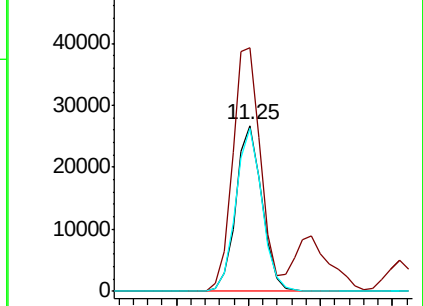
158 98.4 49.6 148.8



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: 18.985 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013243.D

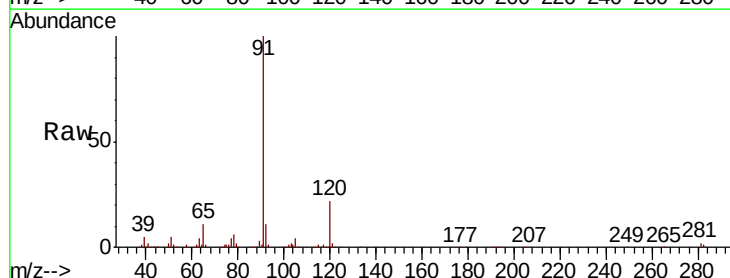
Acq: 28 Oct 2019 13:20

Tgt Ion: 91 Resp: 147715

Ion Ratio Lower Upper

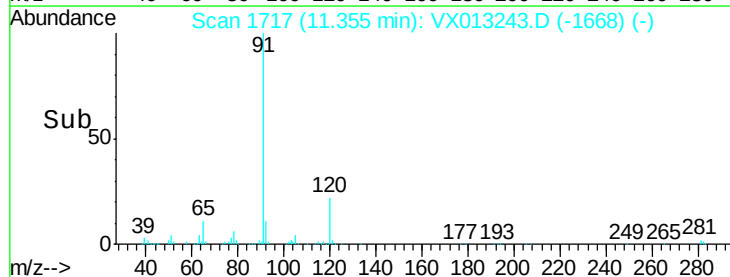
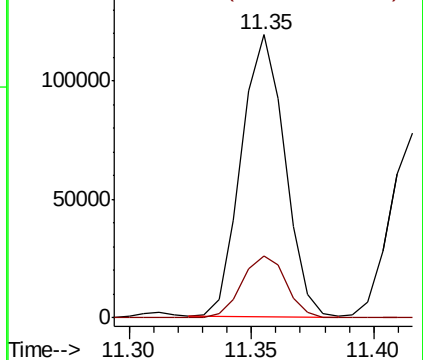
91 100

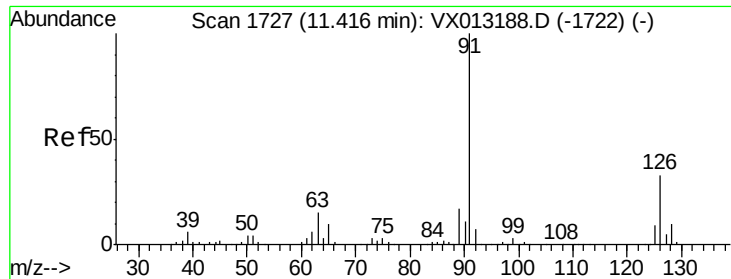
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

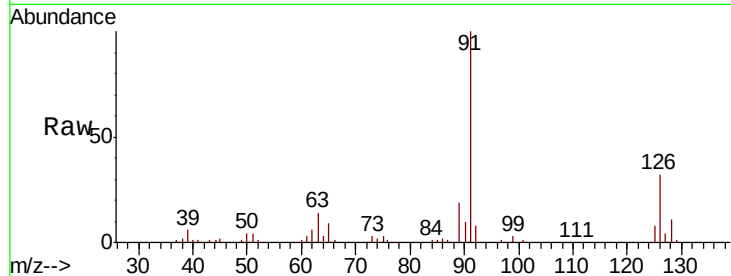




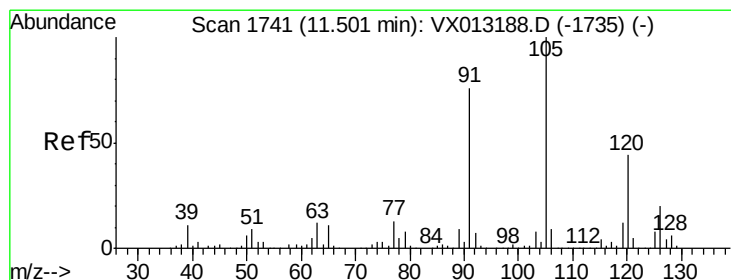
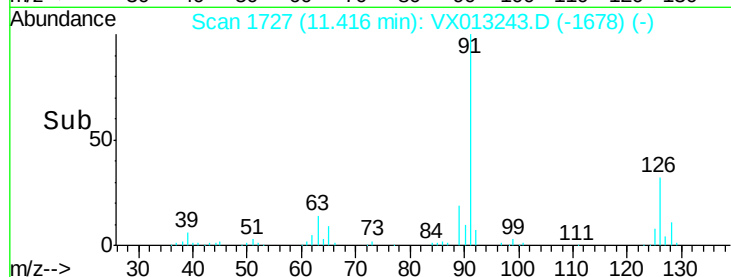
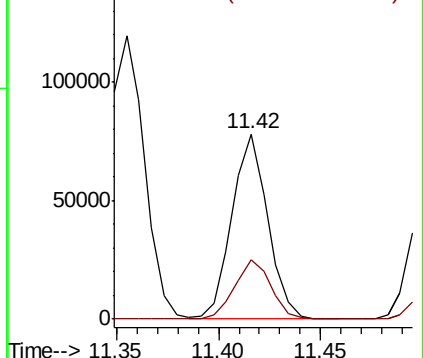
#79
 2-Chlorotoluene
 Concen: 19.134 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX1028WBS01

Tot Ion: 91 Resp: 94068
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.8

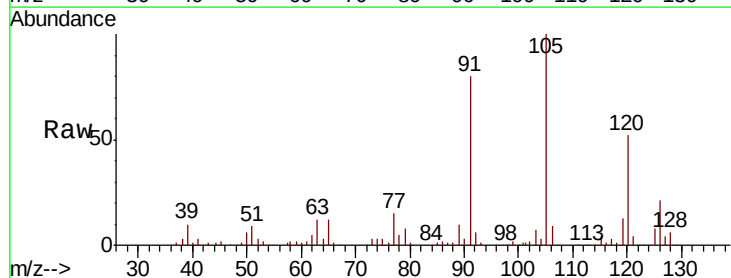


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

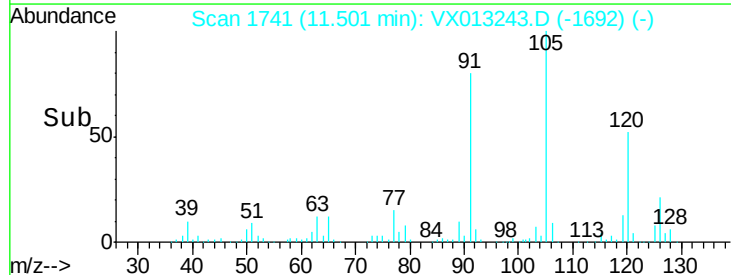
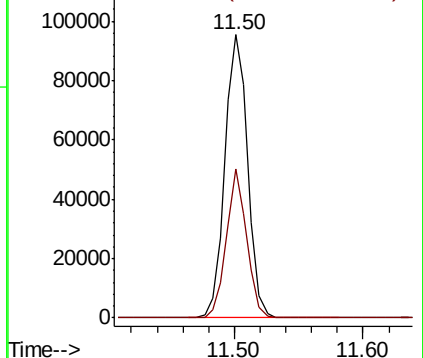


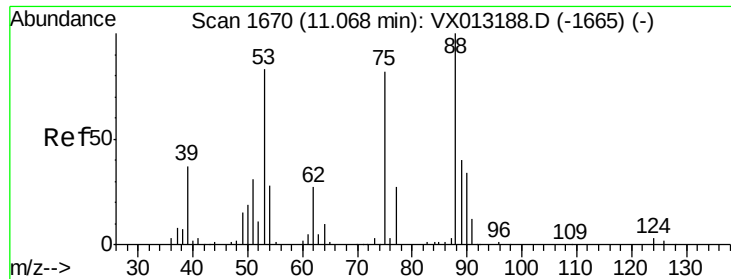
#80
 1,3,5-Trimethylbenzene
 Concen: 19.911 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion: 105 Resp: 118549
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

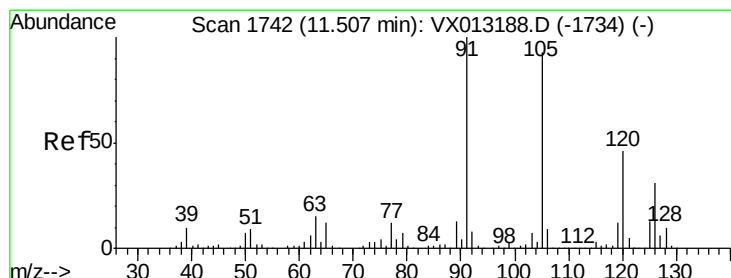
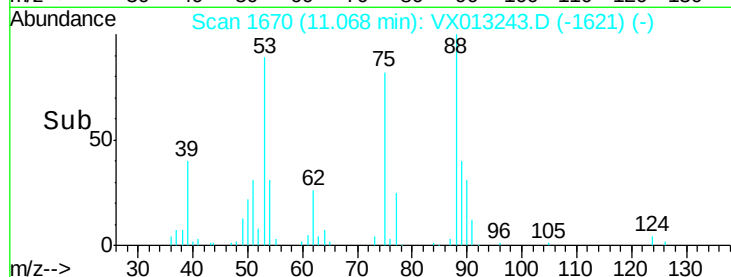
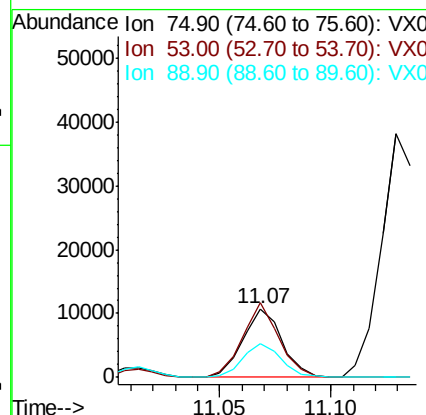
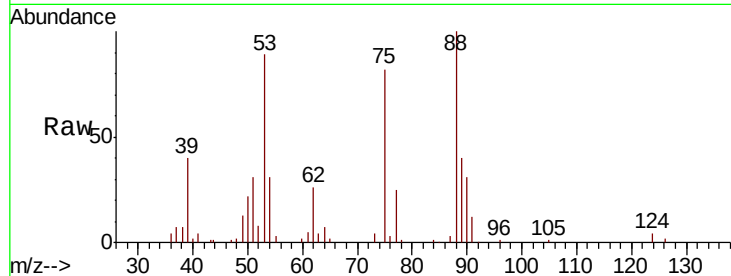




#81
trans-1,4-Dichloro-2-butene
Concen: 19.270 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

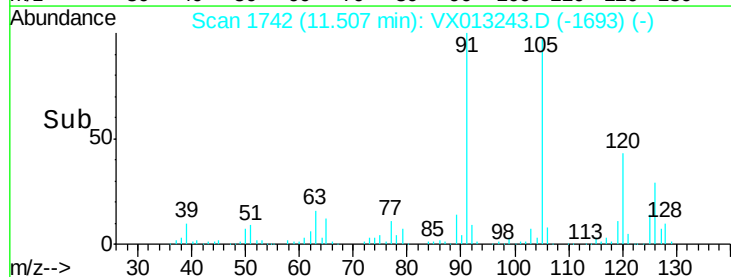
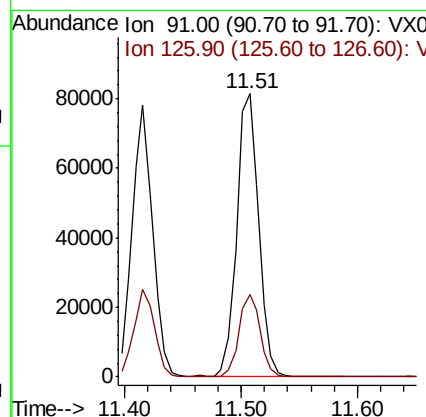
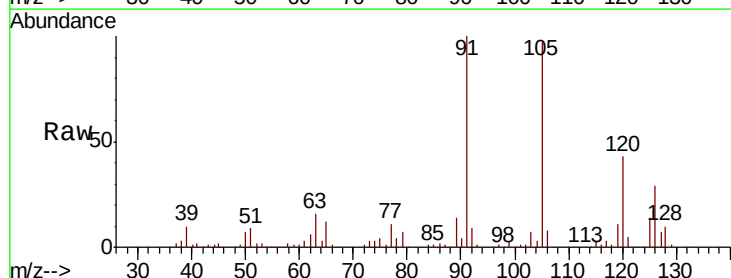
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

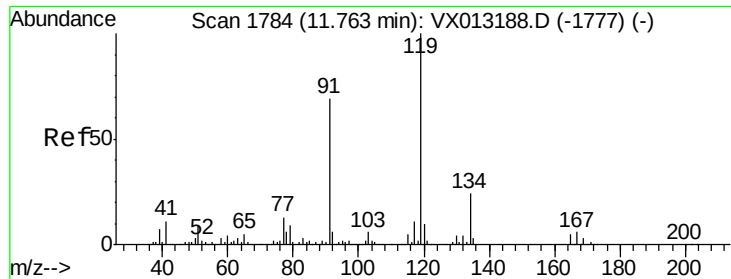
Tot Ion: 75 Resp: 13332
Ion Ratio Lower Upper
75 100
53 100.5 77.9 116.9
89 47.9 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.139 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion: 91 Resp: 106610
Ion Ratio Lower Upper
91 100
126 28.5 14.6 44.0

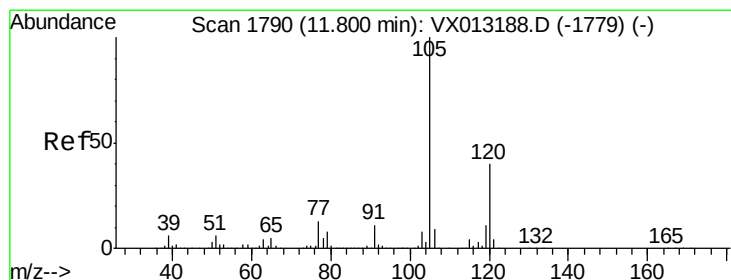
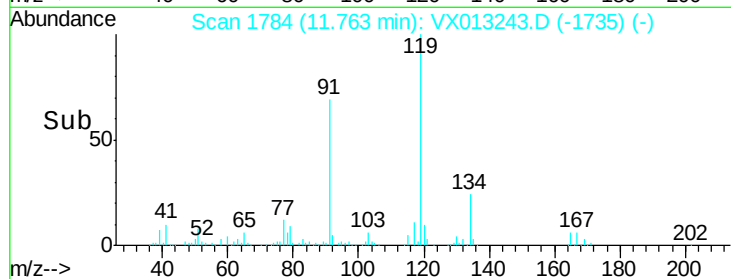
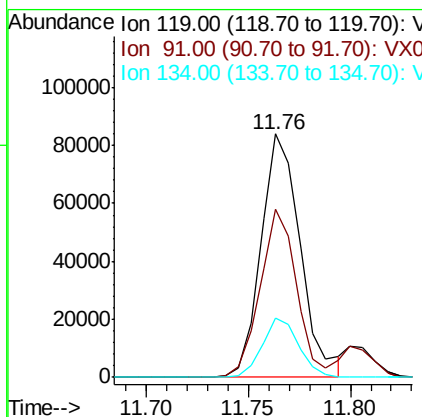
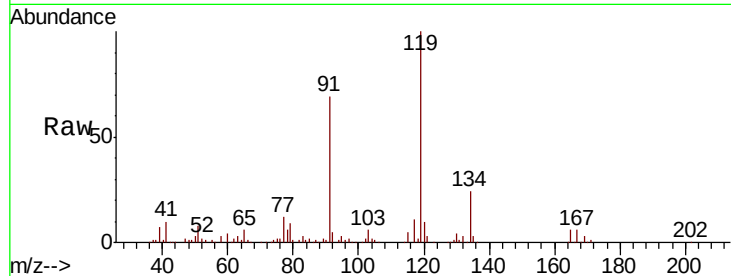




#83
 tert-Butylbenzene
 Concen: 19.198 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

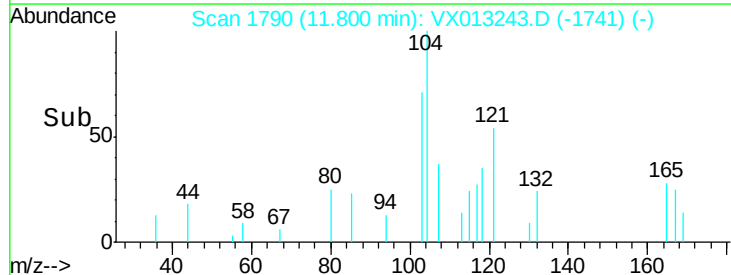
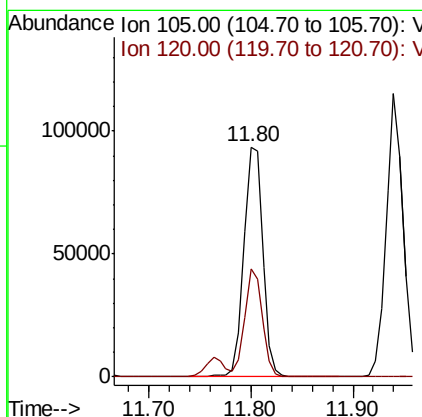
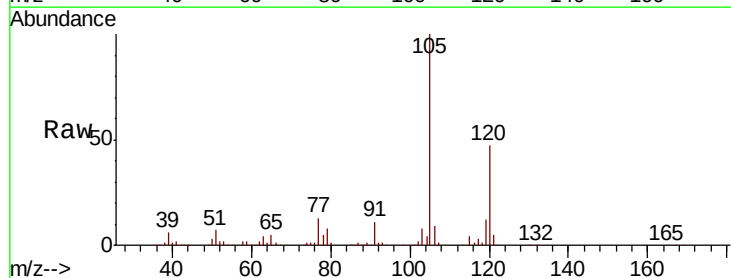
Instrument :
 MSVOA_X
 ClientSampled :
 VX1028WBS01

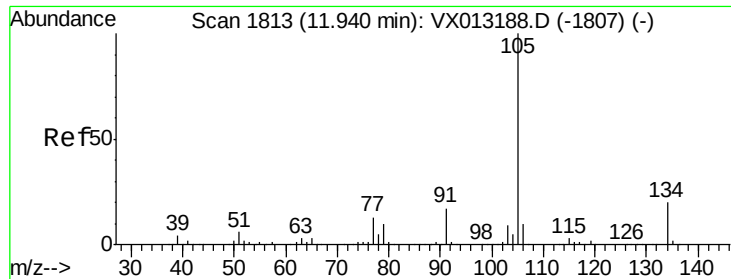
Tot Ion:119 Resp: 113086
 Ion Ratio Lower Upper
 119 100
 91 63.7 30.8 92.4
 134 22.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.008 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion:105 Resp: 120156
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.4 64.3





#85

sec-Butylbenzene

Concen: 20.135 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampled :

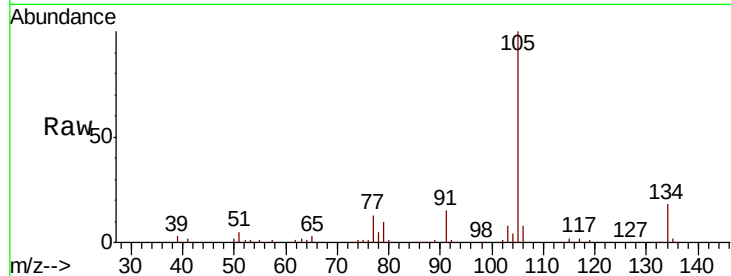
VX1028WBS01

Tot Ion:105 Resp: 134975

Ion Ratio Lower Upper

105 100

134 19.1 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

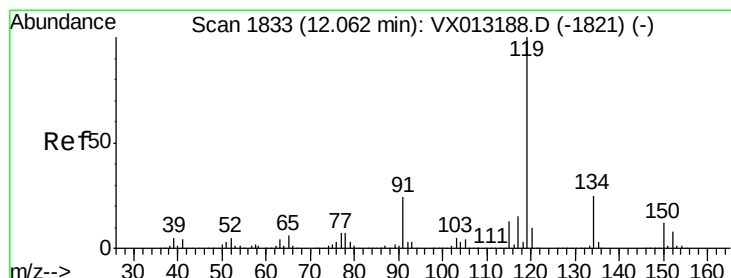
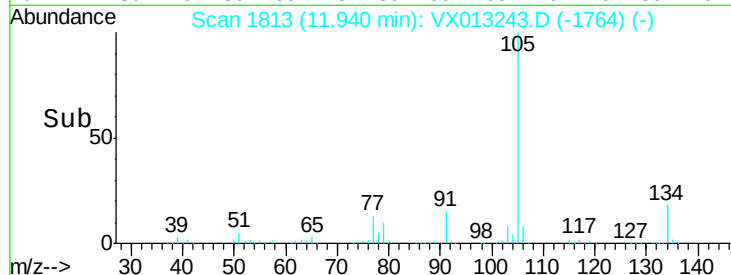
11.94

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.758 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

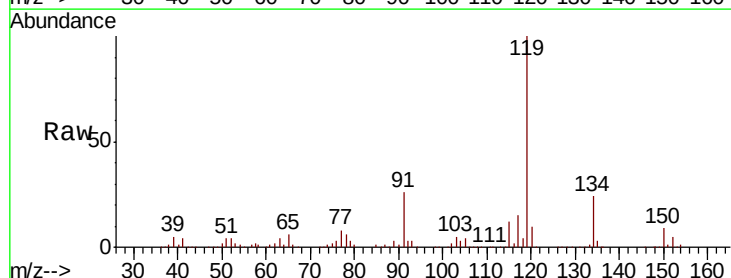
Tgt Ion:119 Resp: 124430

Ion Ratio Lower Upper

119 100

134 25.9 12.5 37.5

91 26.0 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): VX0

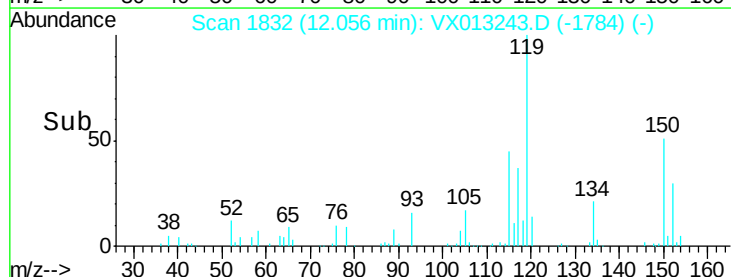
12.06

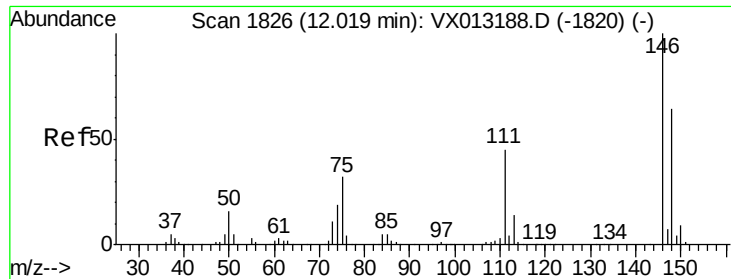
100000

50000

0

Time-->

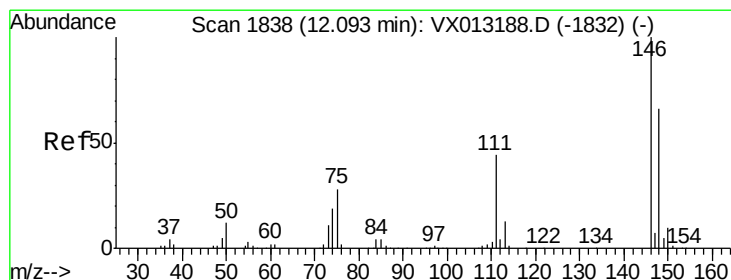
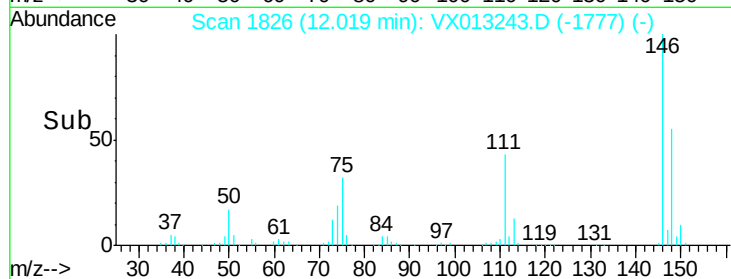
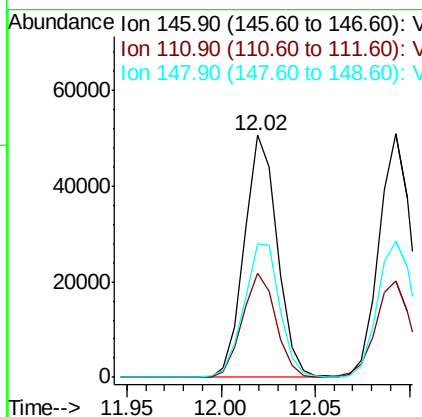
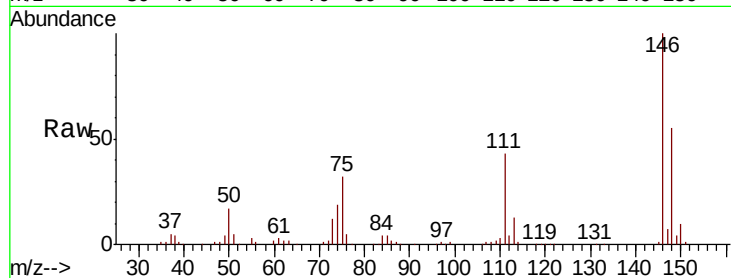




#87
 1,3-Dichlorobenzene
 Concen: 19.900 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

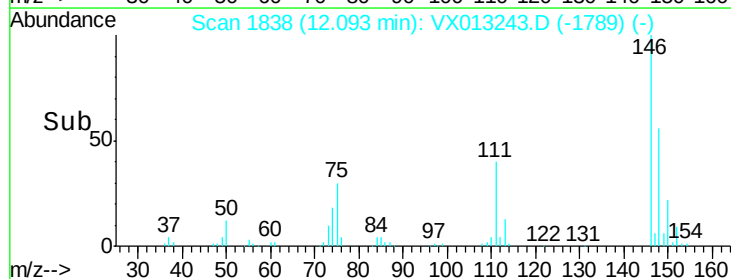
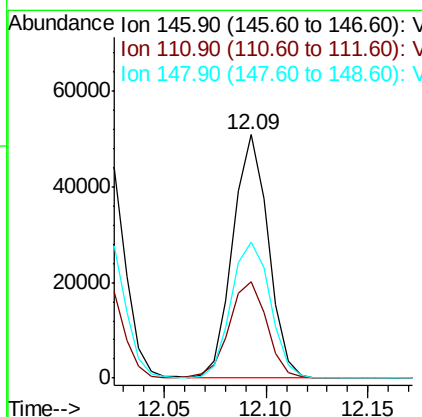
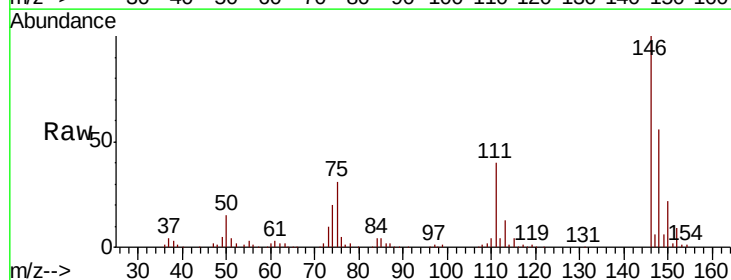
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

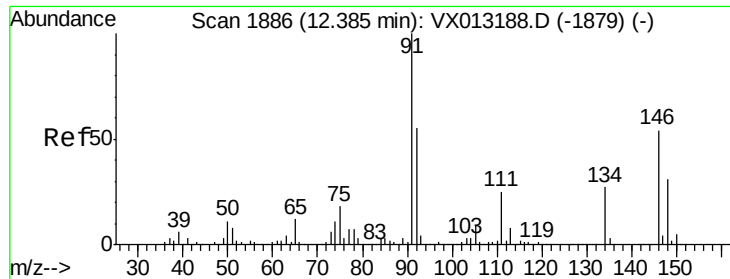
Tot Ion:146 Resp: 61721
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 63.9
 148 59.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion:146 Resp: 61534
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.9
 148 61.7 32.5 97.5





#89

n-Butylbenzene

Concen: 18.611 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013243.D

Acq: 28 Oct 2019 13:20

Instrument :

MSVOA_X

ClientSampled :

VX1028WBS01

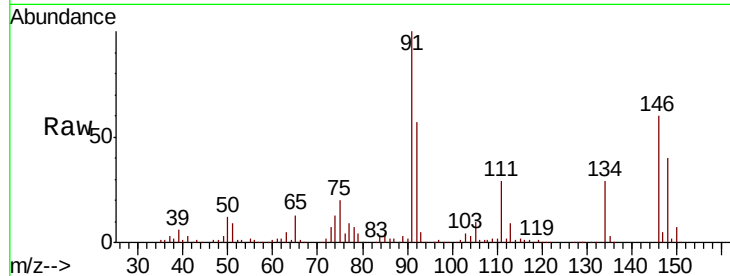
Tot Ion: 91 Resp: 95879

Ion Ratio Lower Upper

91 100

92 57.8 27.7 83.1

134 27.4 13.2 39.6



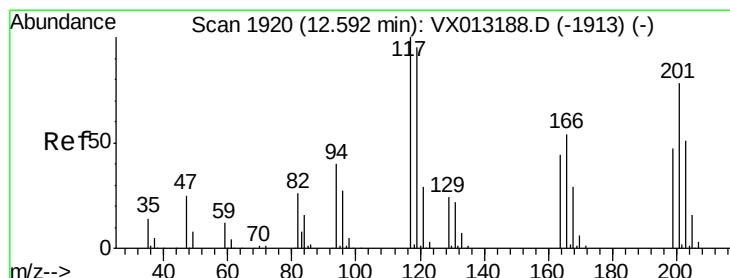
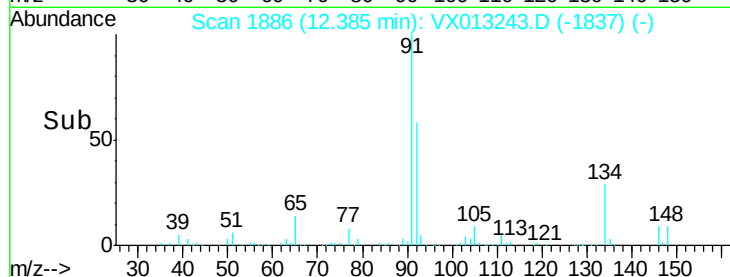
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

12.39

Time-->



#90

Hexachloroethane

Concen: 20.275 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013243.D

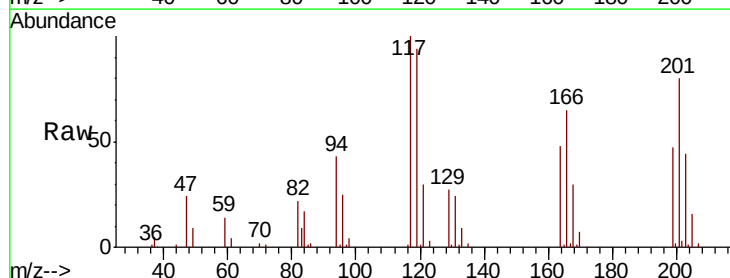
Acq: 28 Oct 2019 13:20

Tgt Ion: 117 Resp: 21383

Ion Ratio Lower Upper

117 100

201 78.5 39.0 116.9

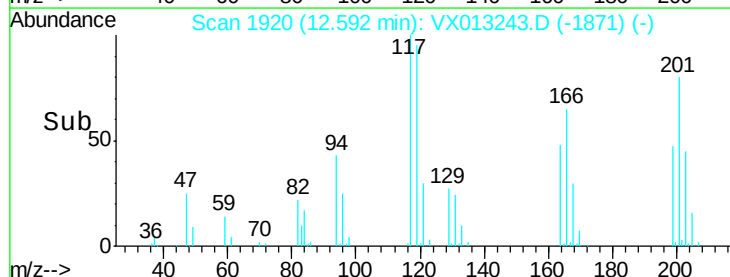


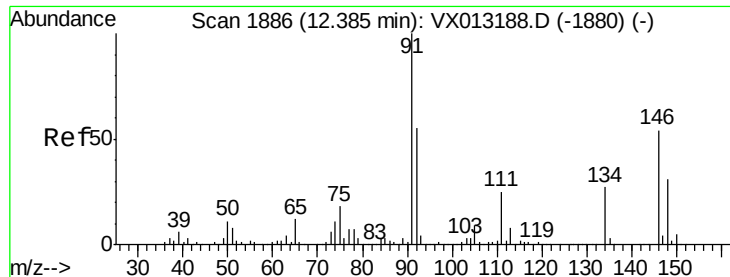
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

Time-->

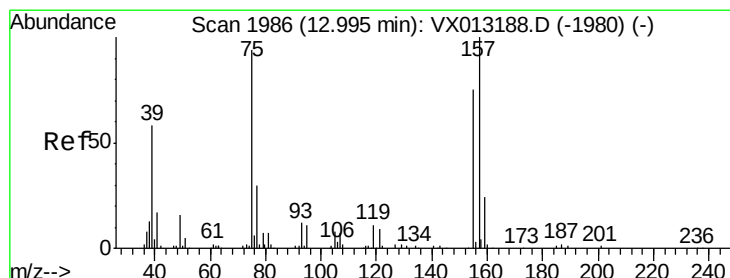
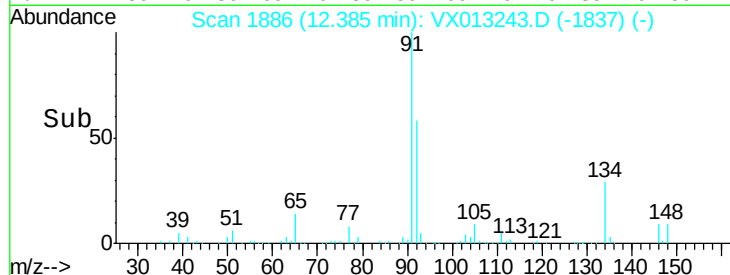
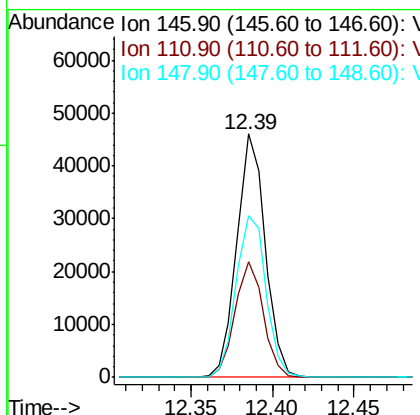
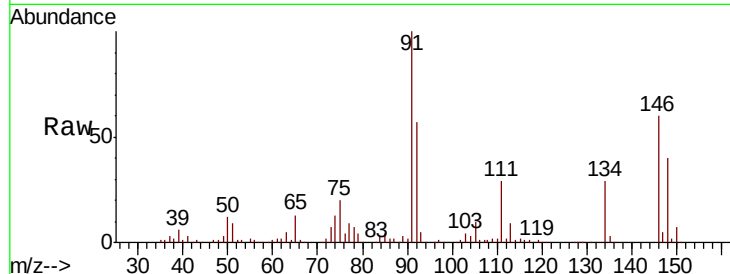




#91
 1,2-Dichlorobenzene
 Concen: 18.434 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

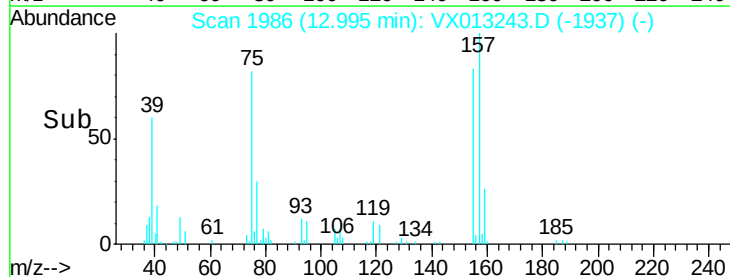
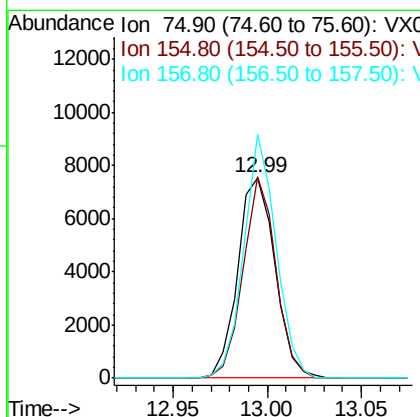
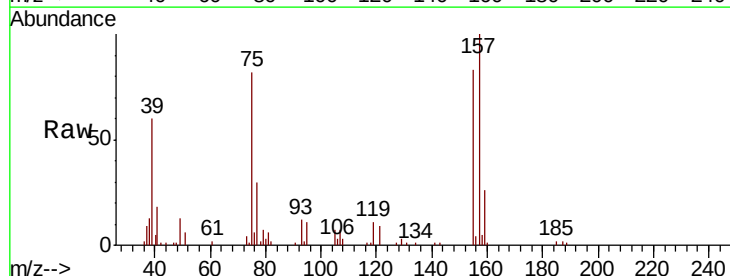
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

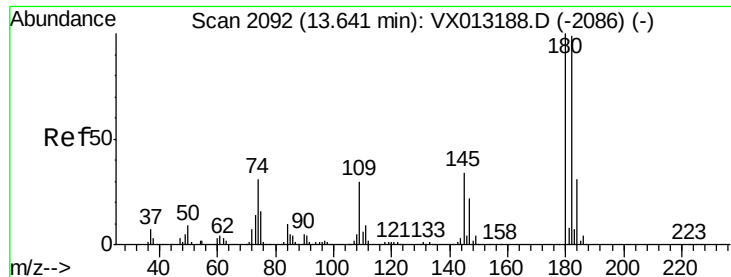
Tot Ion:146 Resp: 56221
 Ion Ratio Lower Upper
 146 100
 111 47.1 22.9 68.8
 148 69.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.116 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion: 75 Resp: 10339
 Ion Ratio Lower Upper
 75 100
 155 88.4 42.8 128.4
 157 105.2 54.3 162.8

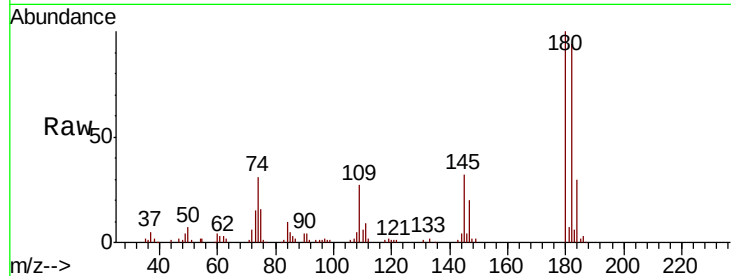




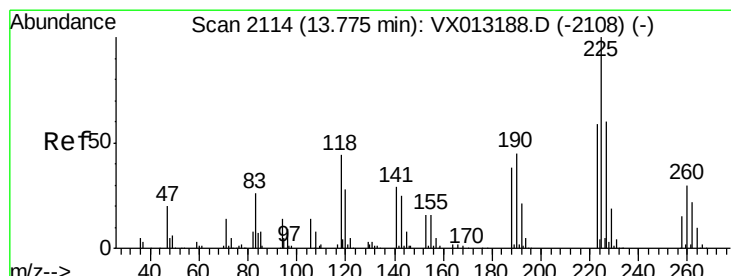
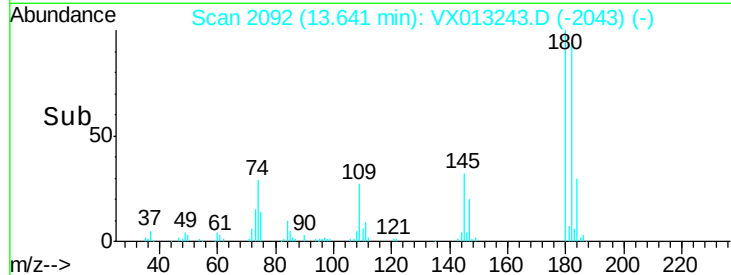
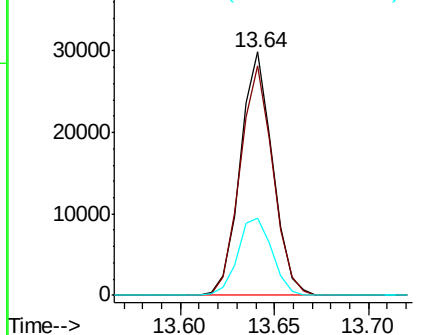
#93
 1,2,4-Trichlorobenzene
 Concen: 18.464 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	45.9	137.6
145	33.7	15.9	47.6

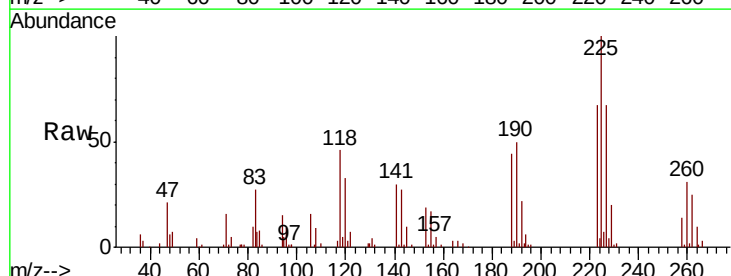


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

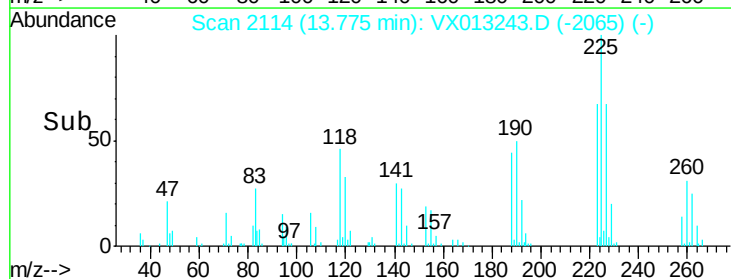
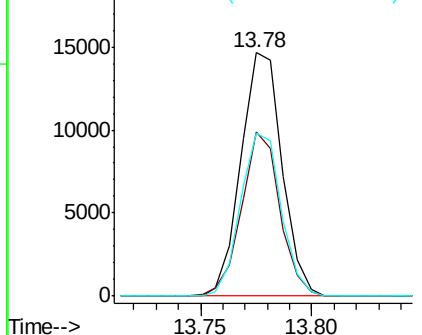


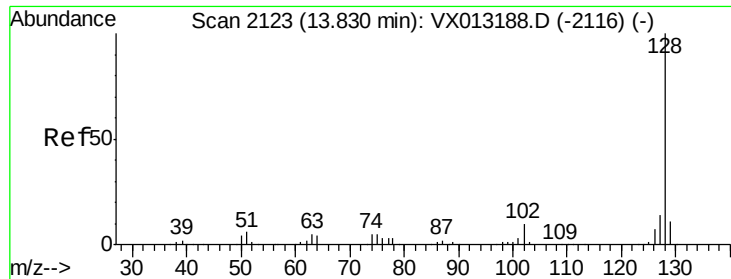
#94
 Hexachlorobutadiene
 Concen: 18.963 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013243.D
 Acq: 28 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.5
227	66.1	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

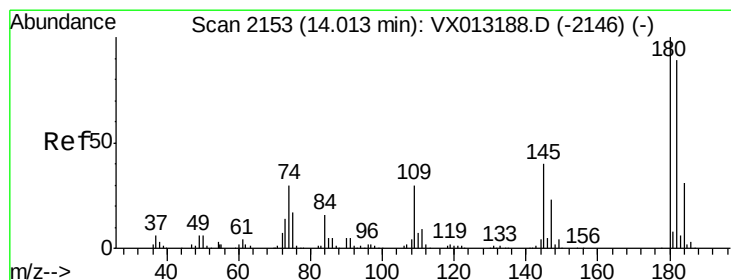
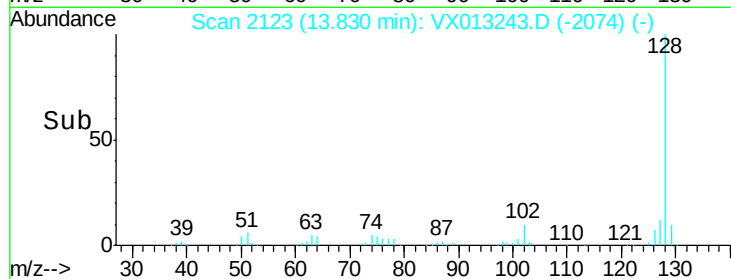
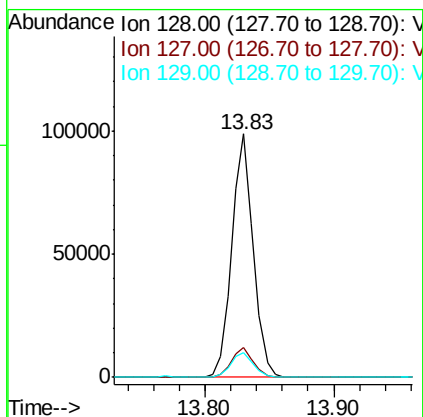
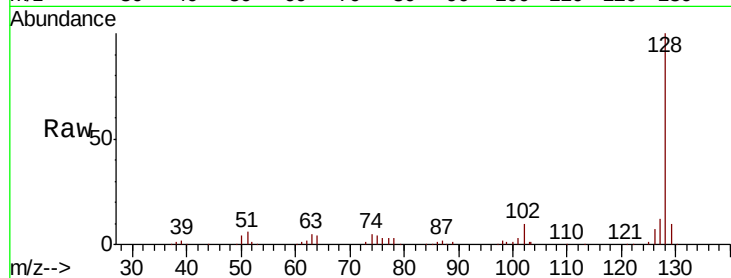




#95
Naphthalene
Concen: 19.477 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

Tot Ion:128 Resp: 114802
Ion Ratio Lower Upper
128 100
127 12.3 10.7 16.1
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.799 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013243.D
Acq: 28 Oct 2019 13:20

Tgt Ion:180 Resp: 37573
Ion Ratio Lower Upper
180 100
182 93.2 48.3 144.9
145 35.0 18.6 55.6

