

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013194.D
 Acq On : 23 Oct 2019 18:09
 Operator : JC/SP
 Sample : VX1024WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Quant Time: Oct 24 04:01:18 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	86127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	125729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	128769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85455	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	93916	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
35) Dibromofluoromethane	5.49	113	72487	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
50) Toluene-d8	8.71	98	272357	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.13	95	103862	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	31678	18.228	ug/l	99
3) Chloromethane	1.32	50	28241	20.324	ug/l	96
4) Vinyl Chloride	1.40	62	28884	18.468	ug/l	99
5) Bromomethane	1.63	94	18648	22.495	ug/l	95
6) Chloroethane	1.72	64	19224	20.453	ug/l	94
7) Trichlorofluoromethane	1.92	101	47854	19.573	ug/l	94
8) Diethyl Ether	2.18	74	16660	19.682	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28697	18.776	ug/l	98
10) Methyl Iodide	2.50	142	32366	19.159	ug/l	99
11) Tert butyl alcohol	3.03	59	43382	110.416	ug/l	98
12) 1,1-Dichloroethene	2.36	96	28032	19.106	ug/l	98
13) Acrolein	2.28	56	22332	105.663	ug/l	95
14) Allyl chloride	2.72	41	44101	19.093	ug/l	99
15) Acrylonitrile	3.13	53	81333	102.433	ug/l	99
16) Acetone	2.43	43	83621	98.532	ug/l	99
17) Carbon Disulfide	2.56	76	72605	18.407	ug/l	98
18) Methyl Acetate	2.76	43	38421	21.300	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	101934	19.729	ug/l	98
20) Methylene Chloride	2.84	84	31855	20.245	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	30782	20.448	ug/l	92
22) Diisopropyl ether	3.84	45	89547	19.827	ug/l	93
23) Vinyl Acetate	3.80	43	387225	100.874	ug/l	100
24) 1,1-Dichloroethane	3.69	63	53527	19.269	ug/l	99
25) 2-Butanone	4.66	43	114432	100.542	ug/l	94
26) 2,2-Dichloropropane	4.58	77	47802	18.619	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	34756	19.343	ug/l	99
28) Bromochloromethane	5.00	49	15755	21.995	ug/l	98
29) Tetrahydrofuran	5.12	42	68945	100.497	ug/l	99
30) Chloroform	5.20	83	57205	19.341	ug/l	99
31) Cyclohexane	5.57	56	46659	20.028	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50929	19.366	ug/l	98
36) 1,1-Dichloropropene	5.79	75	40900	19.386	ug/l	99
37) Ethyl Acetate	4.82	43	43399	20.714	ug/l	99
38) Carbon Tetrachloride	5.78	117	43816	18.854	ug/l	90

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1024WBS02

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49862	18.525	ug/l	98
40) Benzene	6.14	78	121980	19.315	ug/l	99
41) Methacrylonitrile	5.03	41	23099	20.564	ug/l	98
42) 1,2-Dichloroethane	6.19	62	46908	19.701	ug/l	97
43) Isopropyl Acetate	6.43	43	70872	20.373	ug/l	100
44) Trichloroethene	7.21	130	34274	19.122	ug/l	98
45) 1,2-Dichloropropane	7.51	63	30562	19.322	ug/l	98
46) Dibromomethane	7.65	93	22047	19.347	ug/l	98
47) Bromodichloromethane	7.89	83	42481	19.129	ug/l	98
48) Methyl methacrylate	7.76	41	33815	19.667	ug/l	98
49) 1,4-Dioxane	7.73	88	18564	424.232	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	216403	102.060	ug/l	98
52) Toluene	8.78	92	81397	19.449	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	46647	19.766	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	50827	19.687	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	32555	19.675	ug/l	97
56) Ethyl methacrylate	9.17	69	49962	20.062	ug/l	99
57) 1,3-Dichloropropane	9.37	76	54728	19.602	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	105734	108.808	ug/l	98
59) 2-Hexanone	9.48	43	166003	101.637	ug/l	99
60) Dibromochloromethane	9.57	129	33361	19.241	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34559	19.674	ug/l	99
64) Tetrachloroethene	9.33	164	33411	19.867	ug/l	98
65) Chlorobenzene	10.14	112	85917	19.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	32336	19.419	ug/l	98
67) Ethyl Benzene	10.25	91	152789	18.934	ug/l	99
68) m/p-Xylenes	10.36	106	114070	37.404	ug/l	99
69) o-Xylene	10.70	106	55916	19.113	ug/l	99
70) Styrene	10.71	104	94999	18.858	ug/l	99
71) Bromoform	10.85	173	22921	18.838	ug/l #	96
73) Isopropylbenzene	11.01	105	153353	19.762	ug/l	99
74) N-amyl acetate	10.89	43	57405	20.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	47612	20.207	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	53831	26.136	ug/l	91
77) Bromobenzene	11.25	156	36086	19.402	ug/l	97
78) n-propylbenzene	11.35	91	162222	19.245	ug/l	99
79) 2-Chlorotoluene	11.42	91	103656	19.463	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	128266	19.886	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13996	18.673	ug/l	97
82) 4-Chlorotoluene	11.51	91	119834	19.858	ug/l	97
83) tert-Butylbenzene	11.76	119	123541	19.359	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	128555	19.759	ug/l	100
85) sec-Butylbenzene	11.94	105	142031	19.558	ug/l	99
86) p-Isopropyltoluene	12.06	119	125767	18.434	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	65188	19.401	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	65670	19.196	ug/l	98
89) n-Butylbenzene	12.39	91	105913	18.977	ug/l	100
90) Hexachloroethane	12.59	117	21603	18.908	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	61237	18.534	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11312	19.306	ug/l	97

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ALS Vial : 14 Sample Multiplier: 1

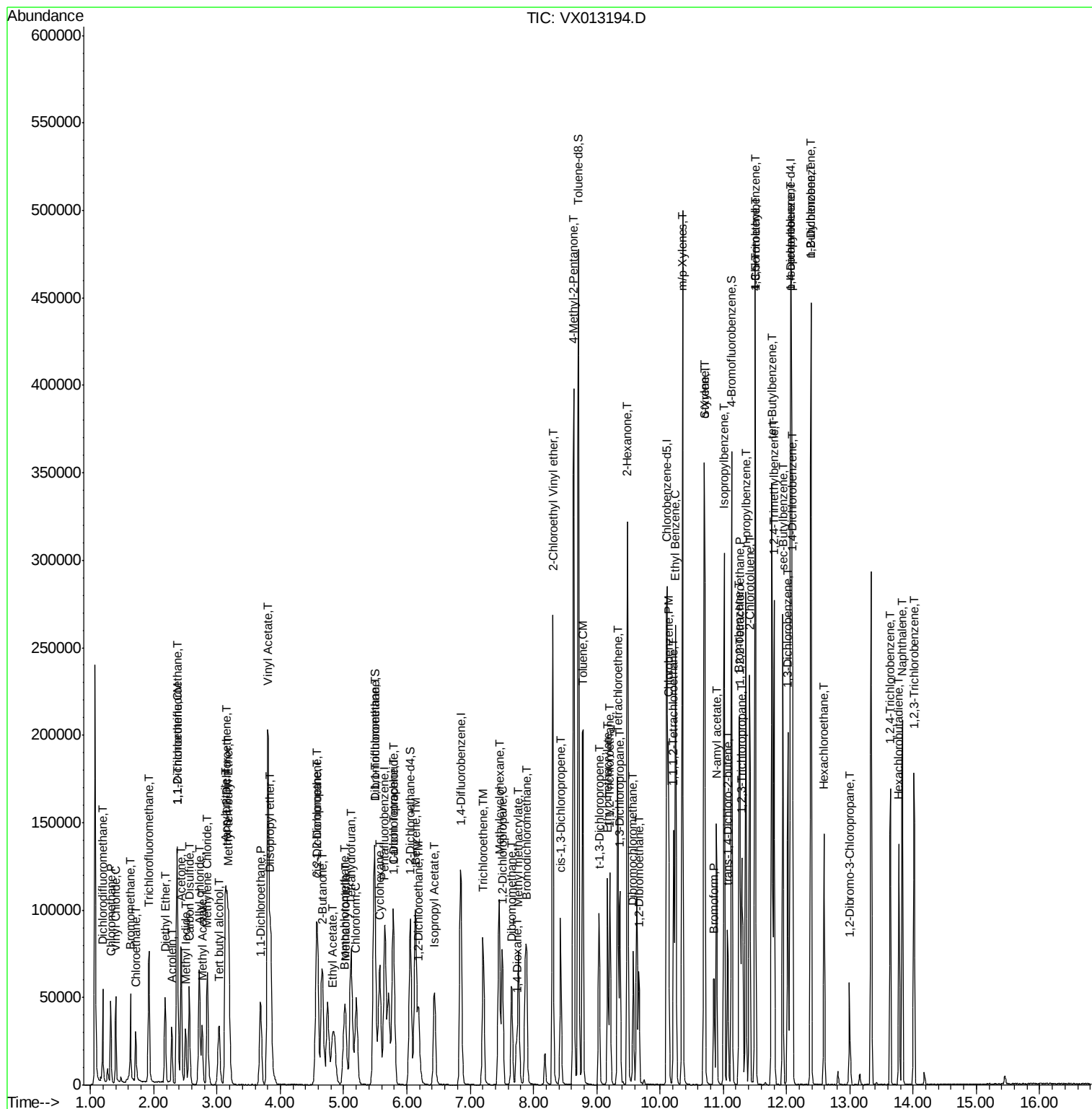
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

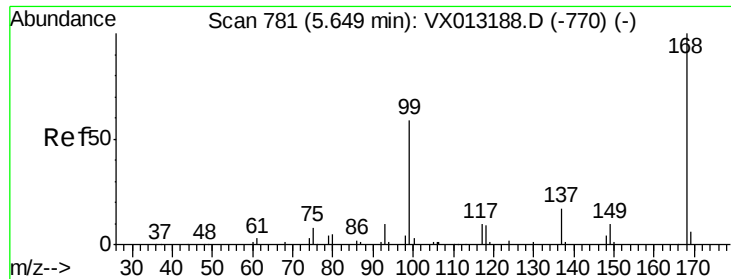
Quant Time: Oct 24 04:01:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39577	19.023	ug/l	98
94) Hexachlorobutadiene	13.78	225	19304	17.937	ug/l	98
95) Naphthalene	13.83	128	128422	20.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	41951	20.405	ug/l	95

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

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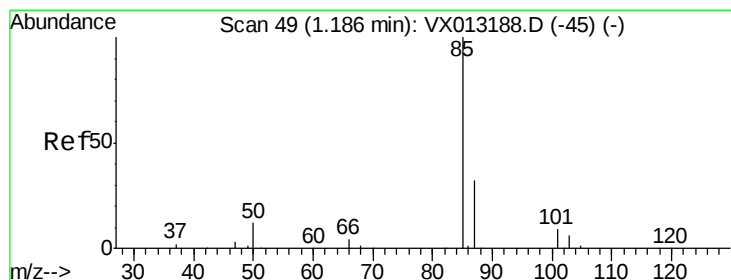
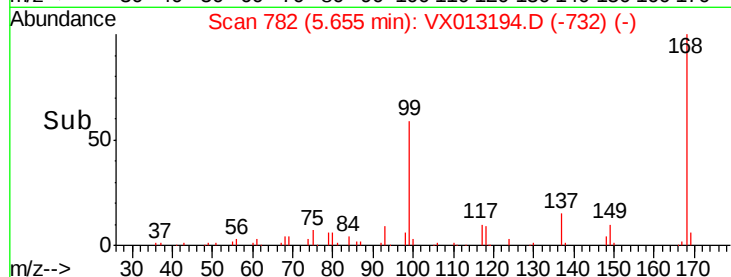
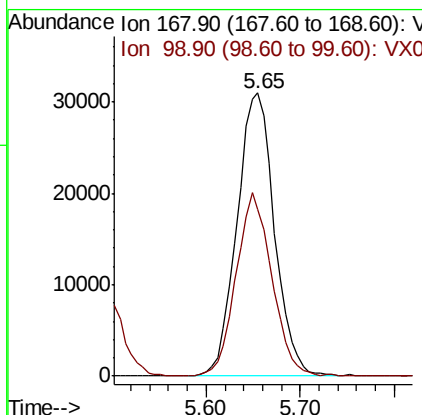
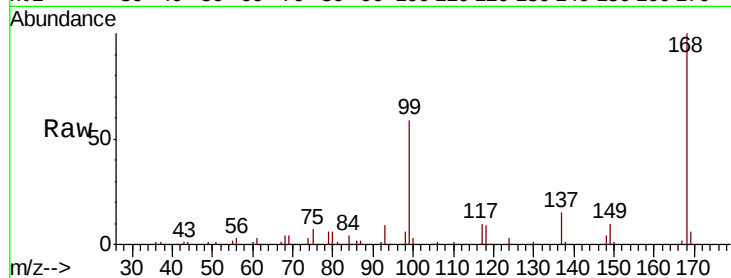




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

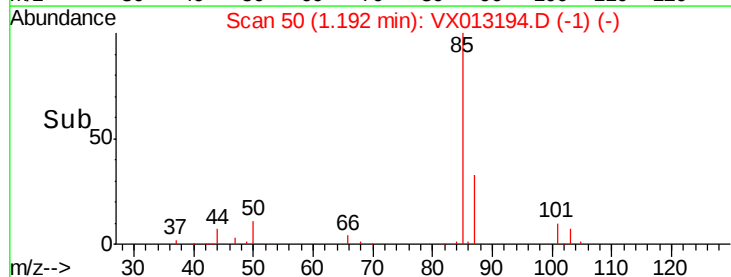
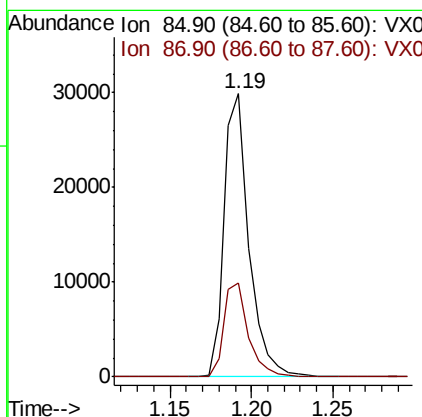
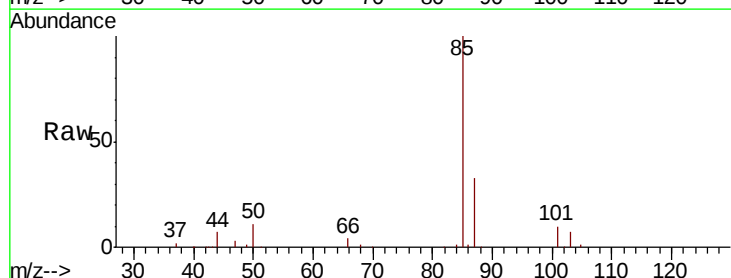
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

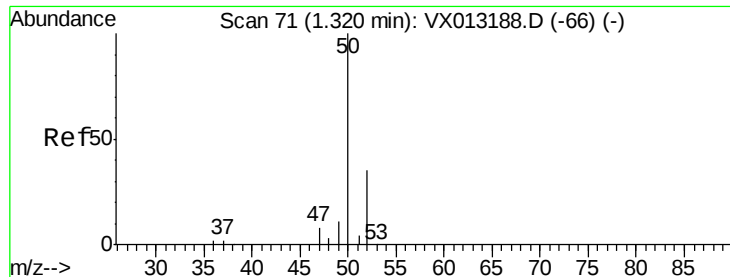
Tot Ion:168 Resp: 86127
Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 18.228 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 85 Resp: 31678
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





#3

Chloromethane

Concen: 20.324 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

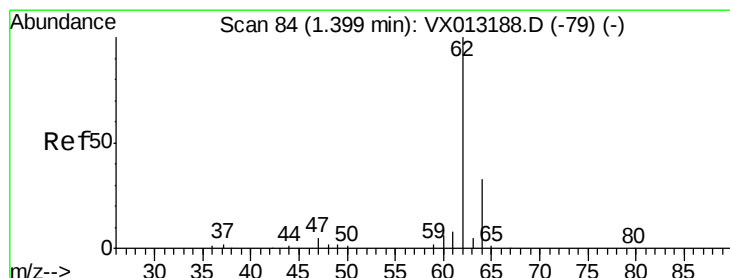
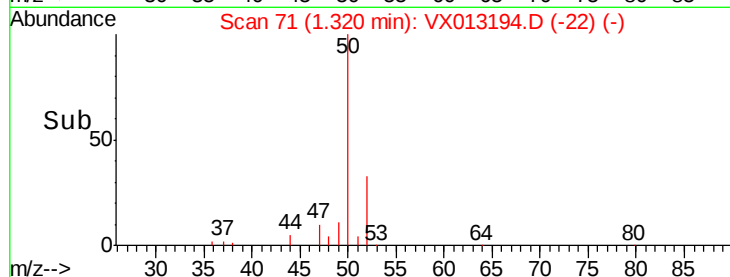
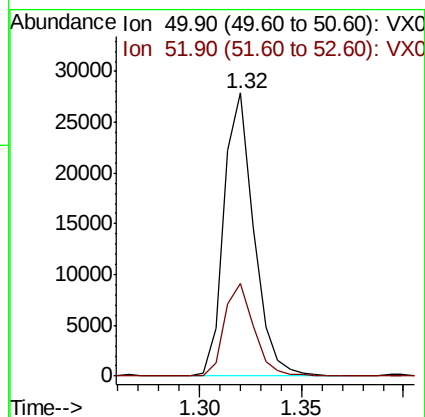
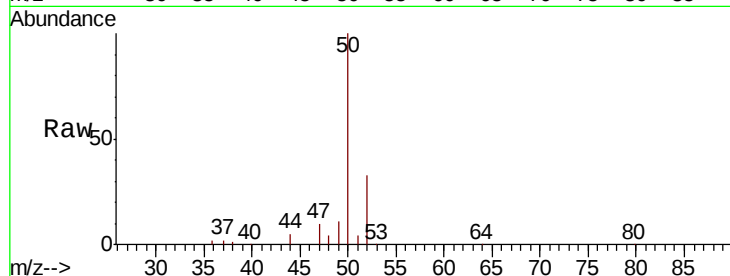
VX1024WBS02

Tot Ion: 50 Resp: 28241

Ion Ratio Lower Upper

50 100

52 32.6 27.8 41.6



#4

Vinyl Chloride

Concen: 18.468 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013194.D

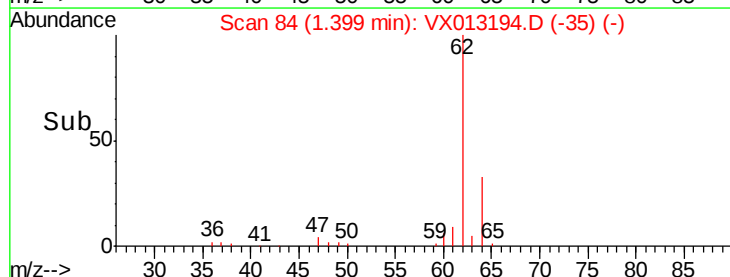
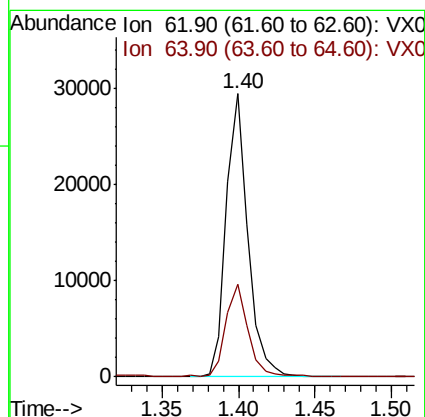
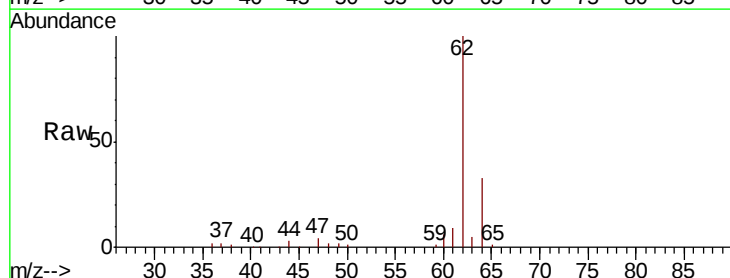
Acq: 23 Oct 2019 18:09

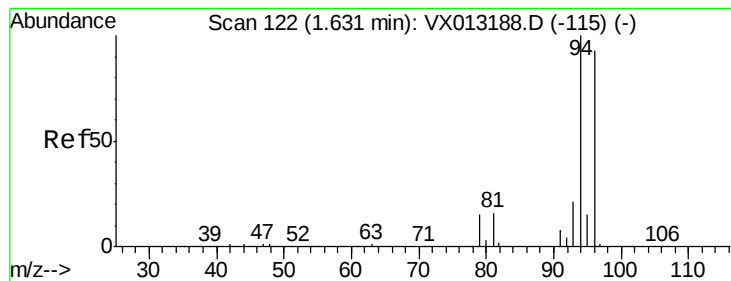
Tgt Ion: 62 Resp: 28884

Ion Ratio Lower Upper

62 100

64 32.7 26.4 39.6





#5

Bromomethane

Concen: 22.495 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

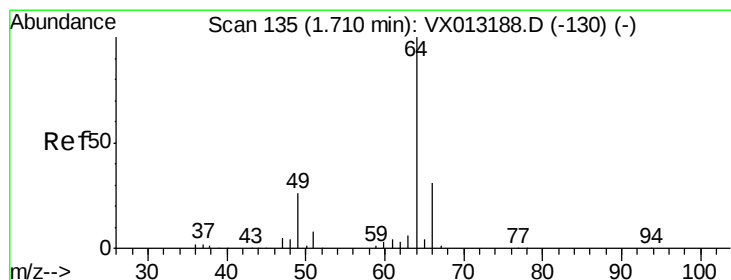
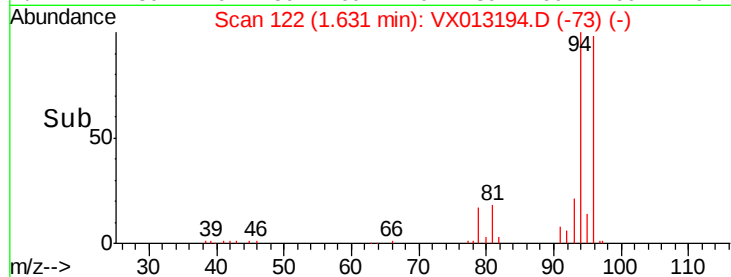
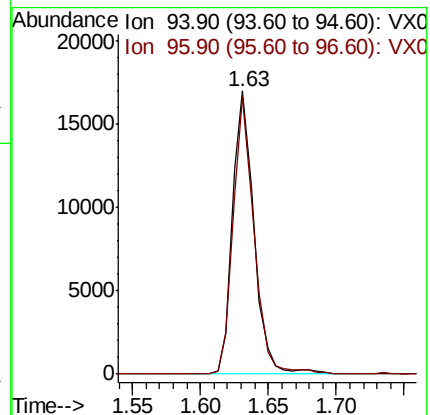
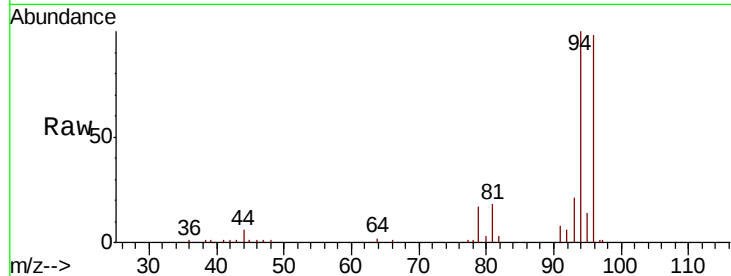
VX1024WBS02

Tot Ion: 94 Resp: 18648

Ion Ratio Lower Upper

94 100

96 97.7 74.2 111.2



#6

Chloroethane

Concen: 20.453 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013194.D

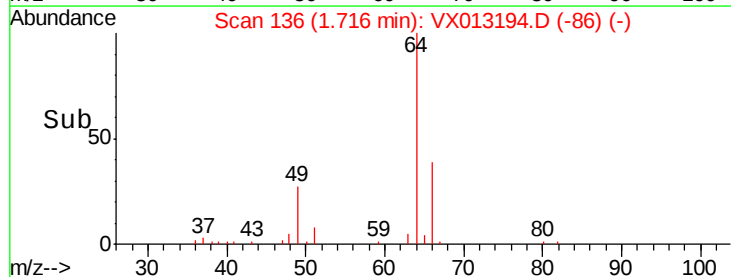
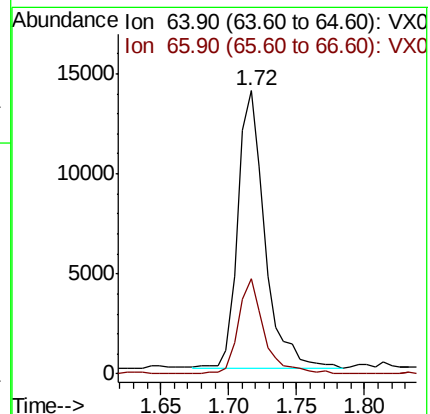
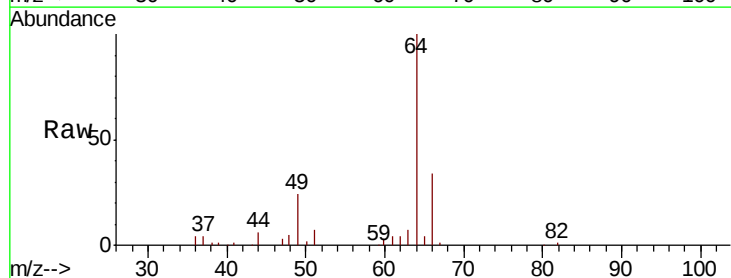
Acq: 23 Oct 2019 18:09

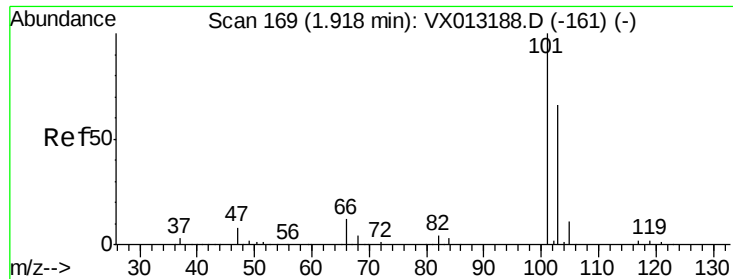
Tgt Ion: 64 Resp: 19224

Ion Ratio Lower Upper

64 100

66 34.5 25.0 37.6



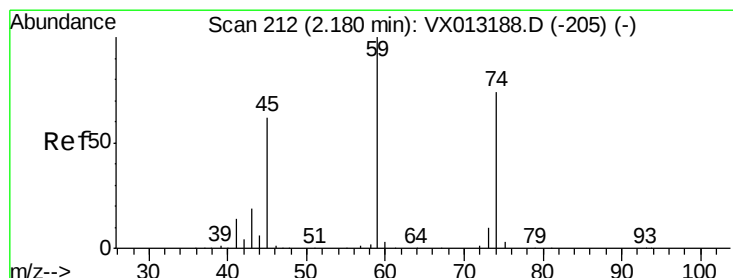
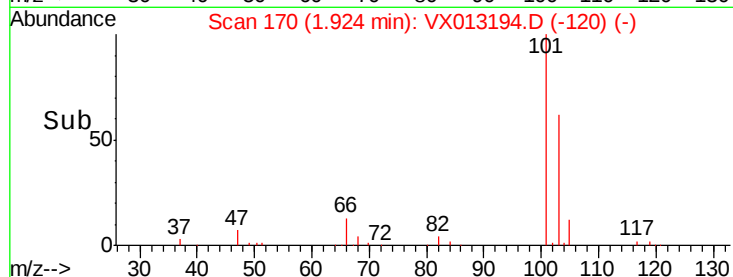
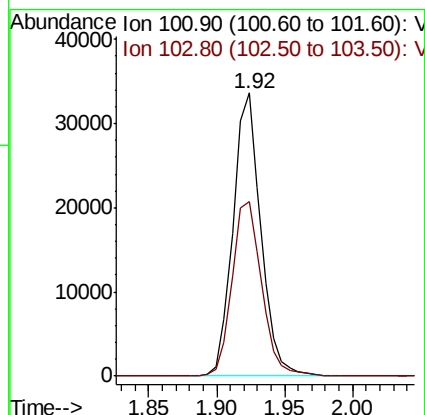
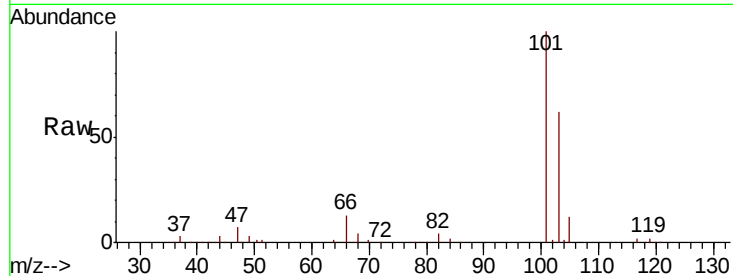


#7

Trichlorofluoromethane
Concen: 19.573 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

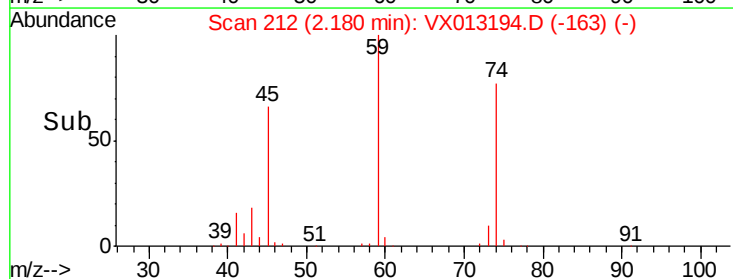
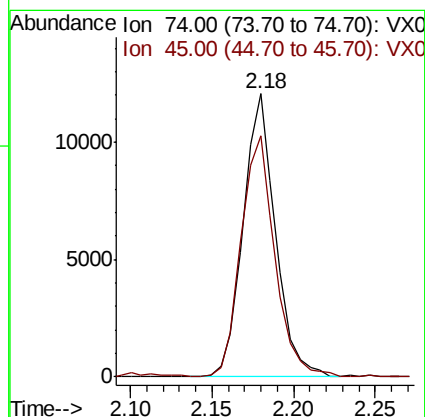
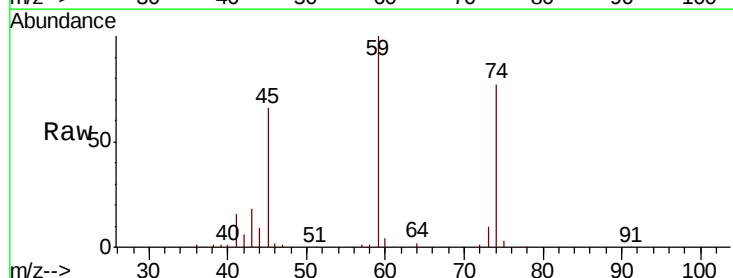
Tot Ion:101 Resp: 47854
Ion Ratio Lower Upper
101 100
103 61.9 53.0 79.6

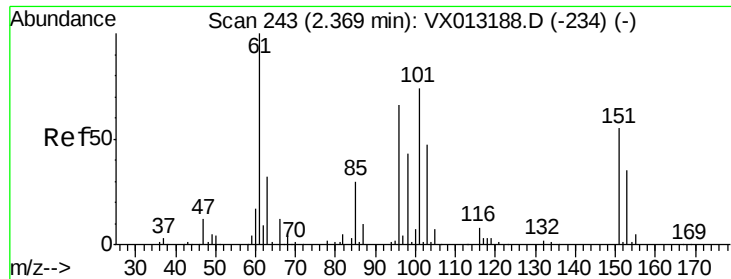


#8

Diethyl Ether
Concen: 19.682 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 74 Resp: 16660
Ion Ratio Lower Upper
74 100
45 89.2 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.776 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

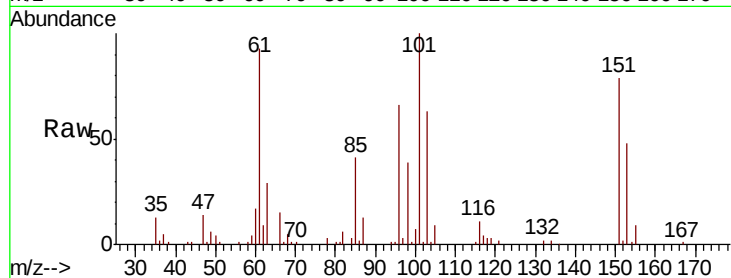
Tot Ion:101 Resp: 28697

Ion Ratio Lower Upper

101 100

85 45.4 34.0 51.0

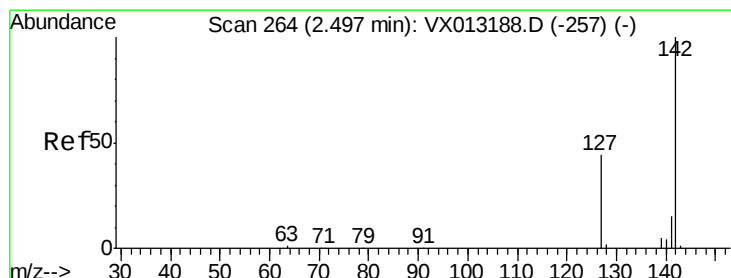
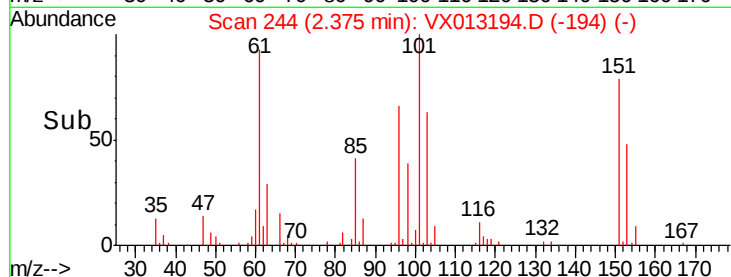
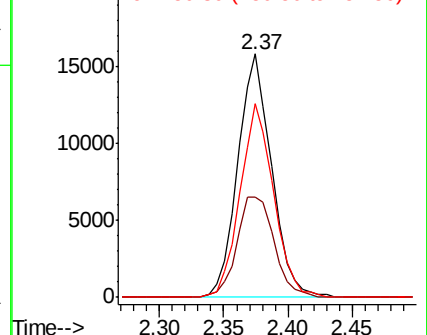
151 78.5 62.0 93.0



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: 19.159 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

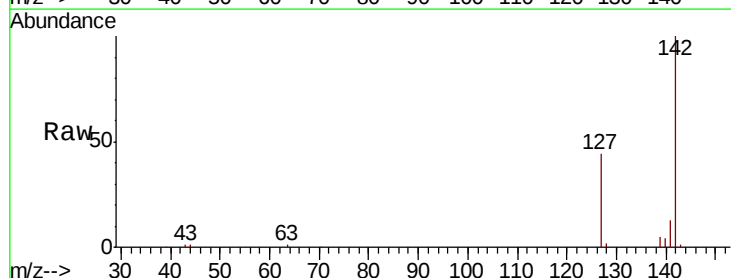
Tgt Ion:142 Resp: 32366

Ion Ratio Lower Upper

142 100

127 43.8 35.6 53.4

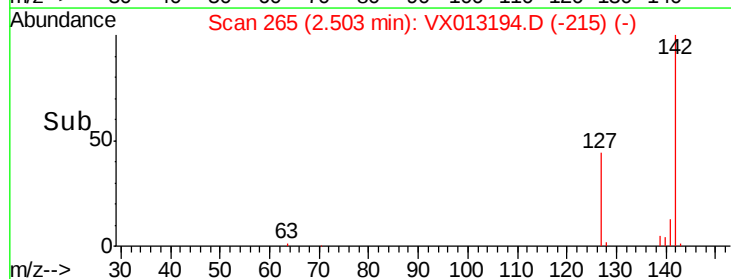
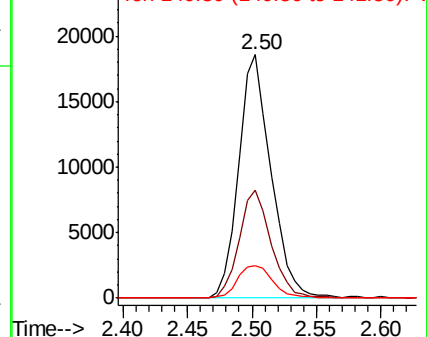
141 14.7 11.6 17.4

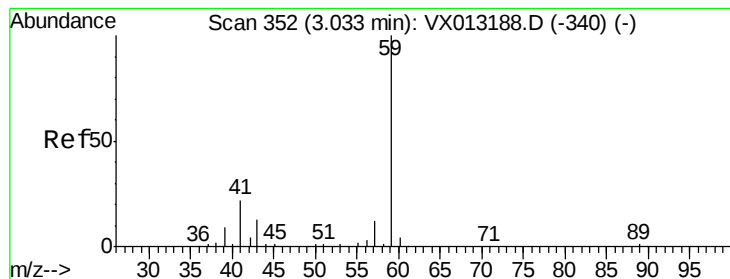


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



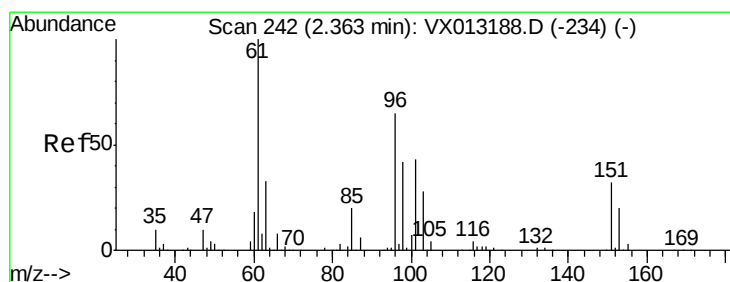
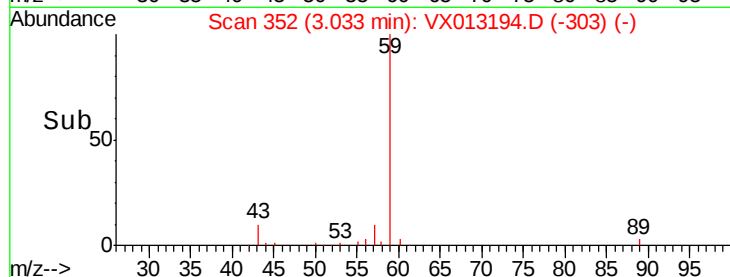
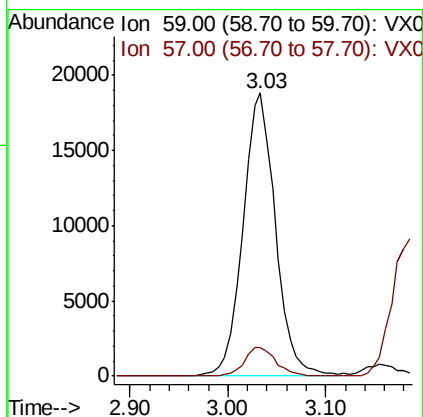
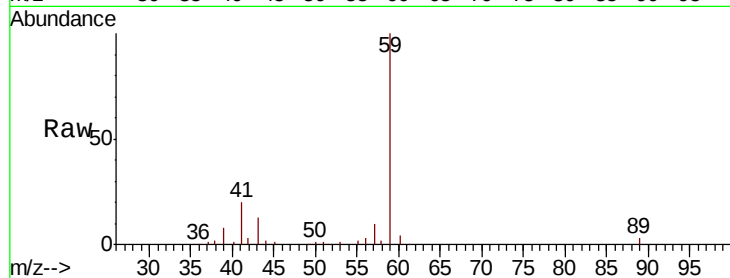


#11

Tert butyl alcohol
 Concen: 110.416 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

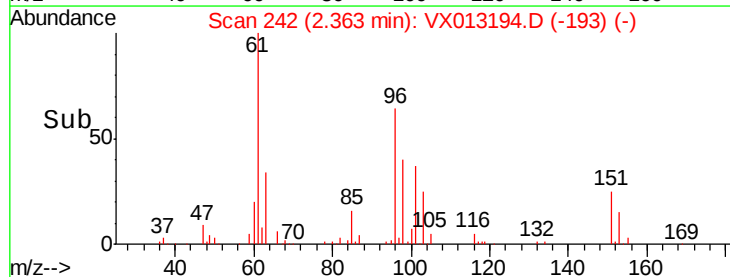
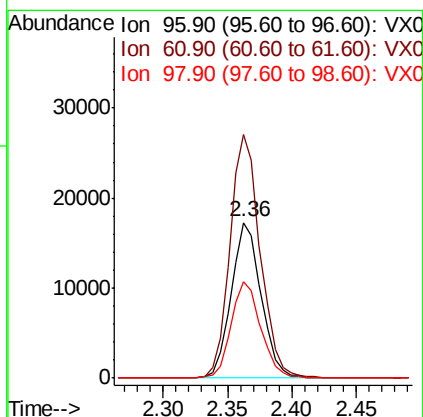
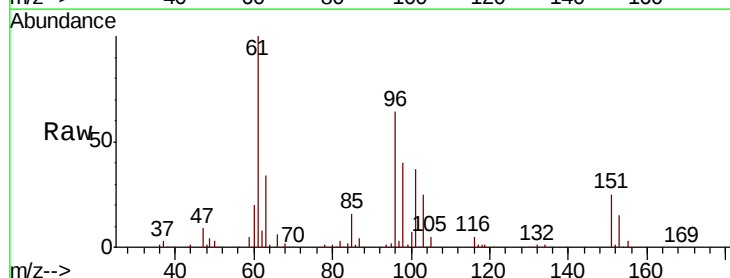
Tot Ion: 59 Resp: 43382
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4

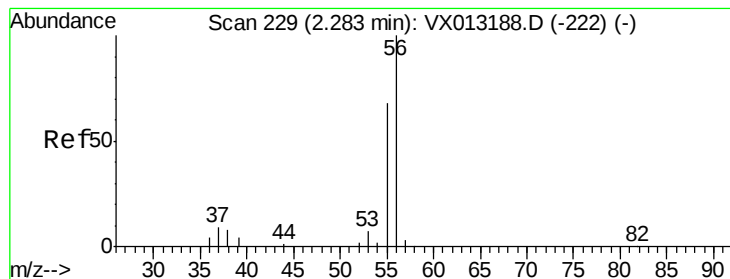


#12

1,1-Dichloroethene
 Concen: 19.106 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion: 96 Resp: 28032
 Ion Ratio Lower Upper
 96 100
 61 156.7 123.8 185.8
 98 61.9 51.6 77.4





#13

Acrolein

Concen: 105.663 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

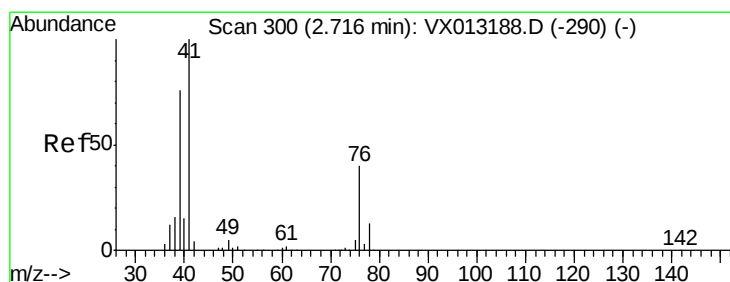
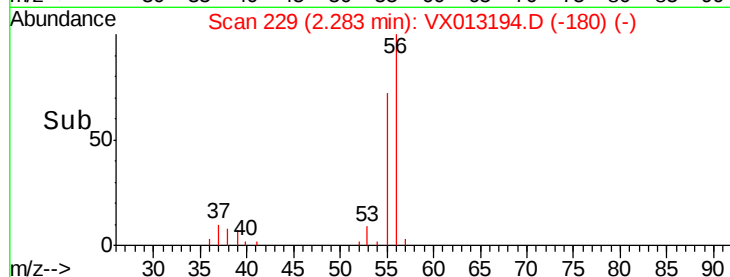
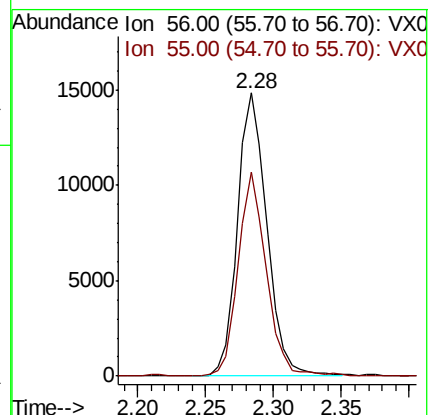
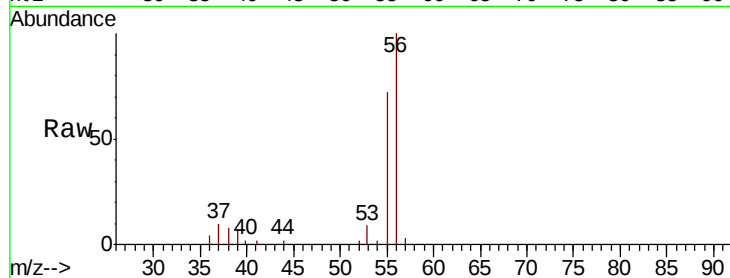
VX1024WBS02

Tot Ion: 56 Resp: 22332

Ion Ratio Lower Upper

56 100

55 69.1 58.9 88.3



#14

Allyl chloride

Concen: 19.093 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

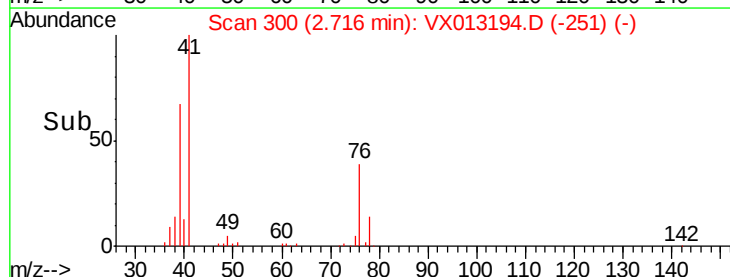
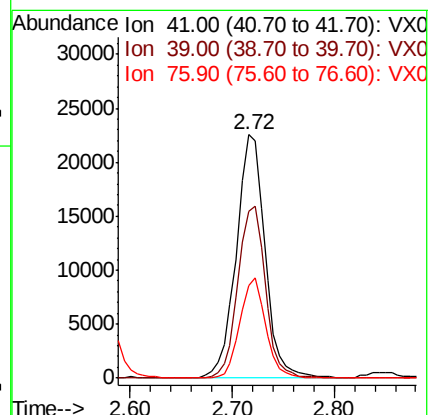
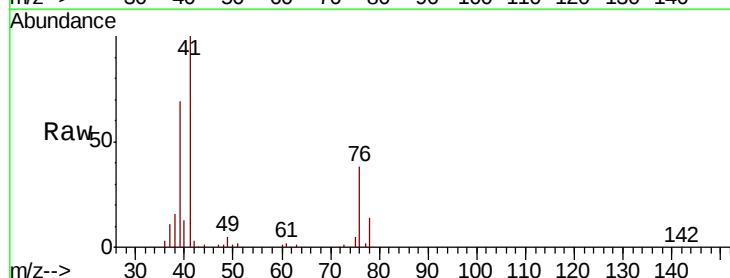
Tgt Ion: 41 Resp: 44101

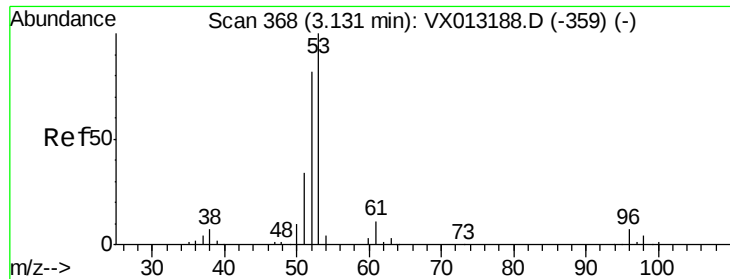
Ion Ratio Lower Upper

41 100

39 67.6 54.6 81.8

76 36.7 29.8 44.6





#15

Acrylonitrile

Concen: 102.433 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

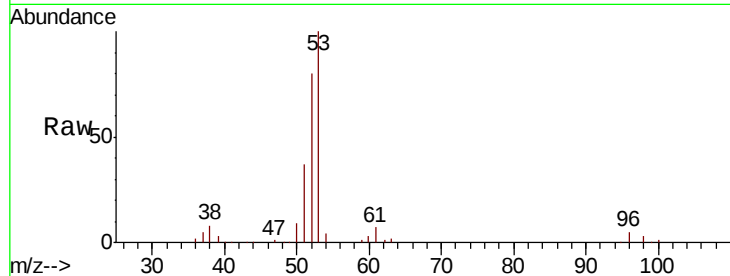
Tot Ion: 53 Resp: 81333

Ion Ratio Lower Upper

53 100

52 81.9 66.4 99.6

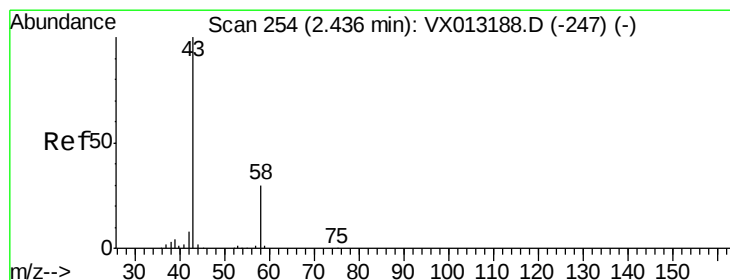
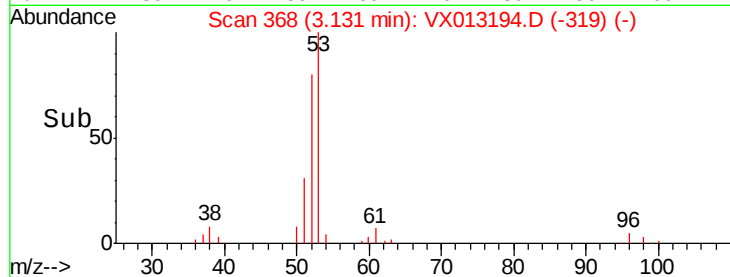
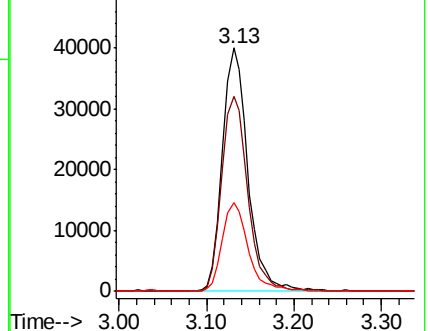
51 37.2 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.532 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013194.D

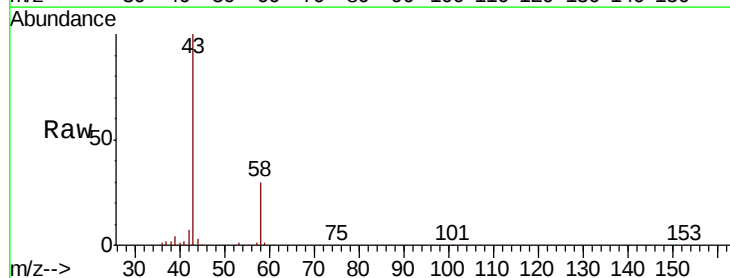
Acq: 23 Oct 2019 18:09

Tgt Ion: 43 Resp: 83621

Ion Ratio Lower Upper

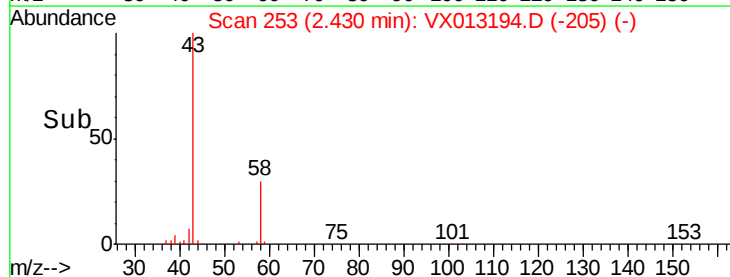
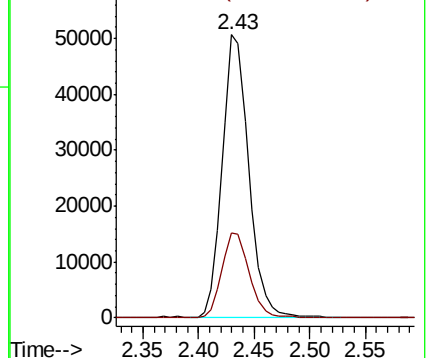
43 100

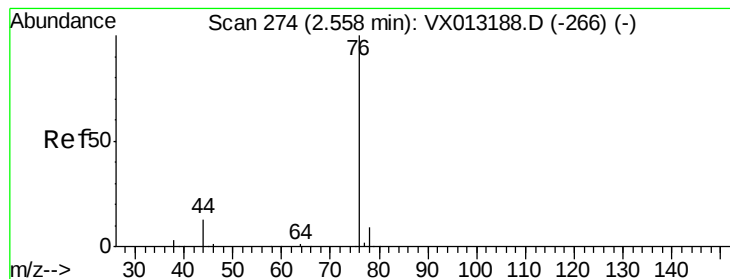
58 30.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.407 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

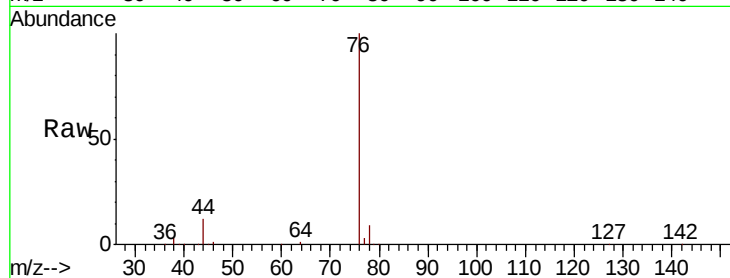
VX1024WBS02

Tot Ion: 76 Resp: 72605

Ion Ratio Lower Upper

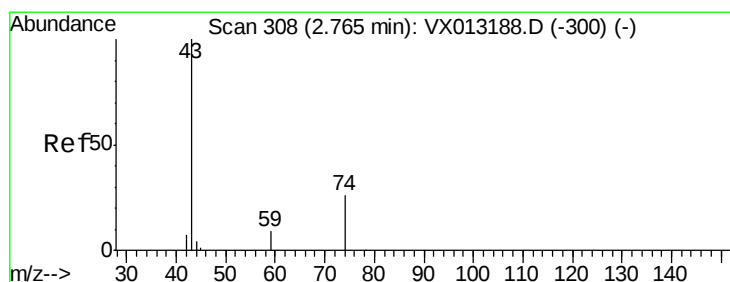
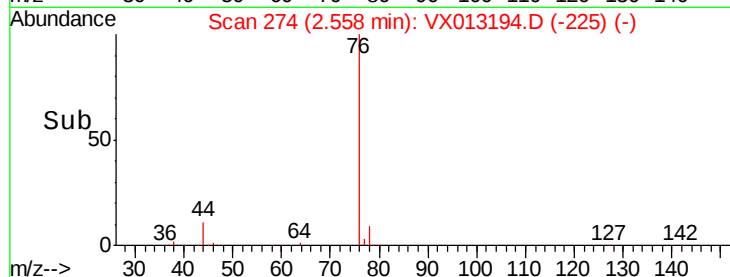
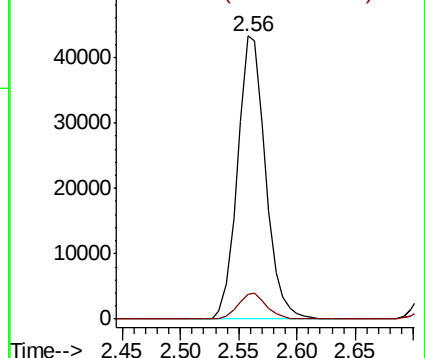
76 100

78 8.6 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: 21.300 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013194.D

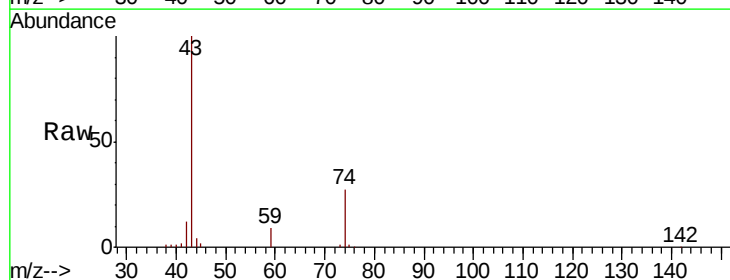
Acq: 23 Oct 2019 18:09

Tgt Ion: 43 Resp: 38421

Ion Ratio Lower Upper

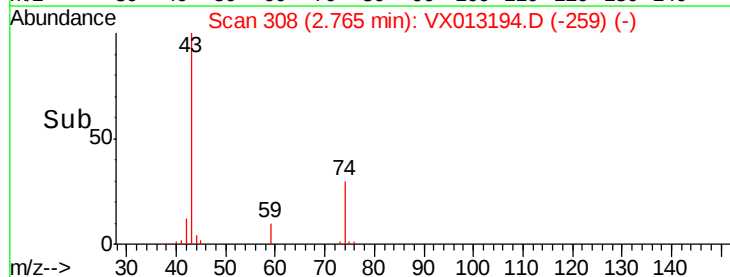
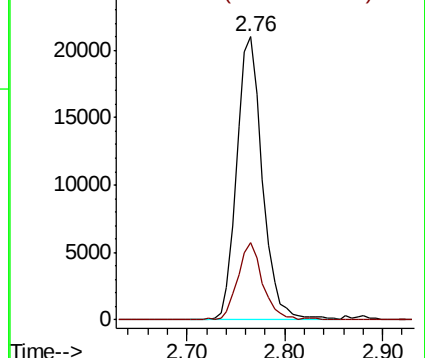
43 100

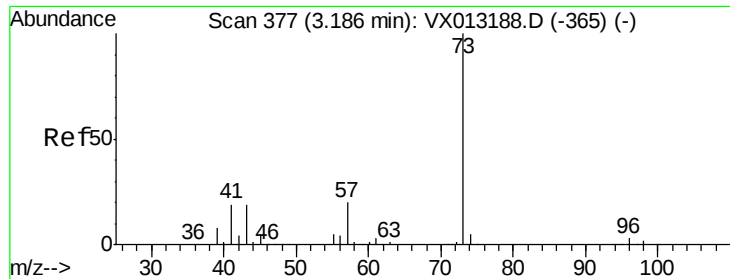
74 26.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

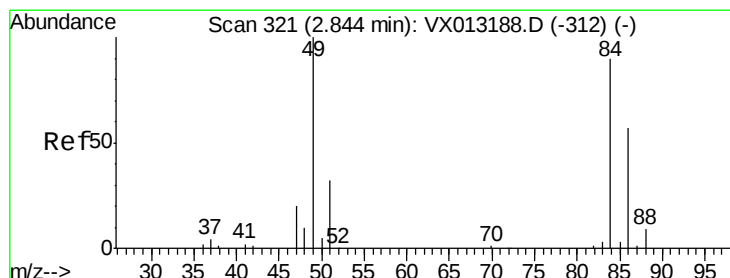
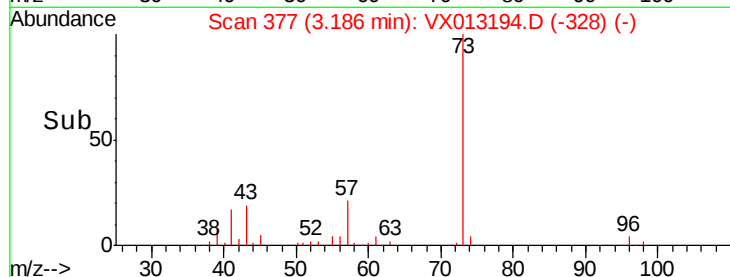
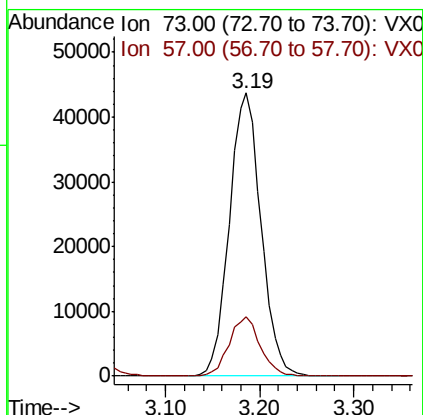
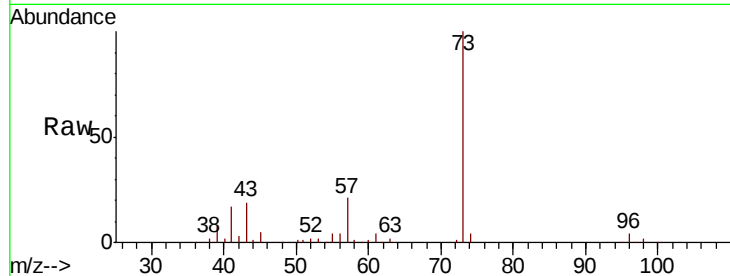




#19
Methvl tert-butvl Ether
Concen: 19.729 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

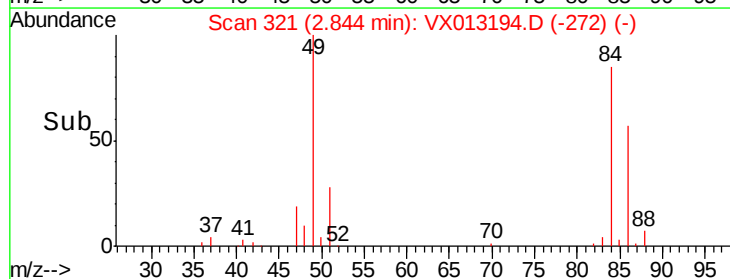
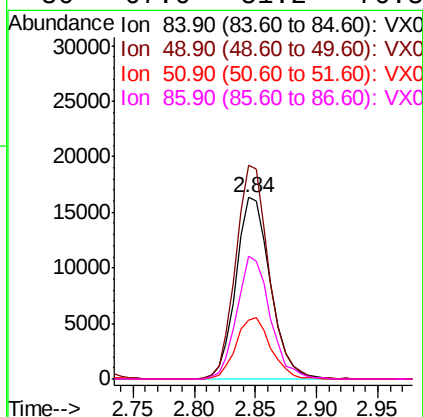
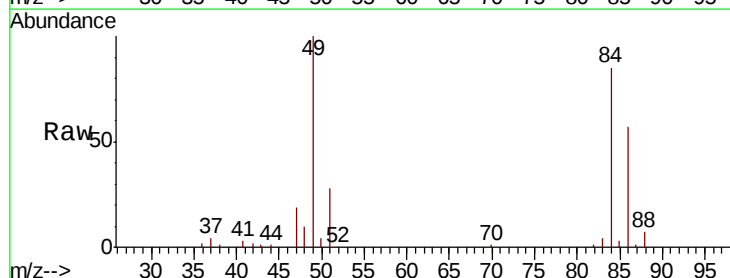
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

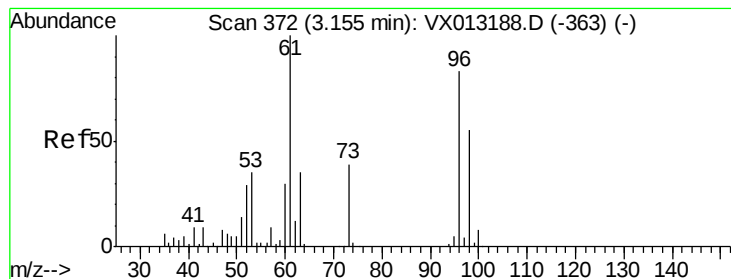
Tot Ion: 73 Resp: 101934
Ion Ratio Lower Upper
73 100
57 20.9 15.8 23.8



#20
Methylene Chloride
Concen: 20.245 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 84 Resp: 31855
Ion Ratio Lower Upper
84 100
49 117.6 89.2 133.8
51 32.7 28.8 43.2
86 67.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.448 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

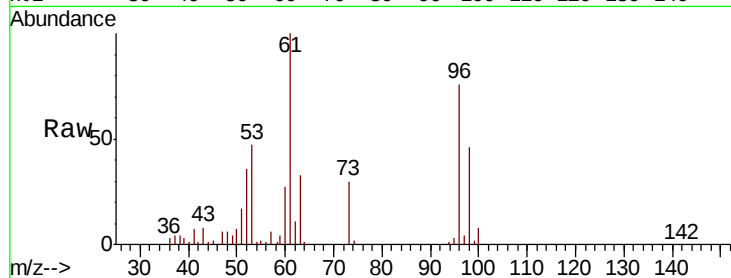
Tot Ion: 96 Resp: 30782

Ion Ratio Lower Upper

96 100

61 131.0 96.9 145.3

98 60.5 53.0 79.4

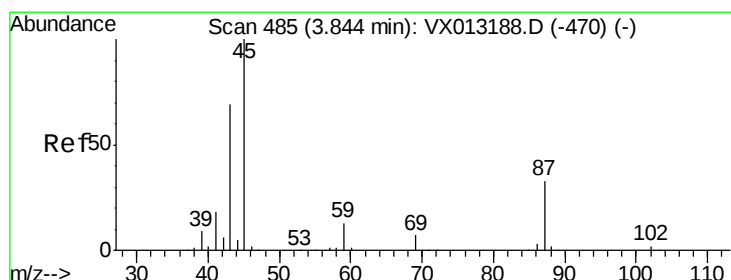
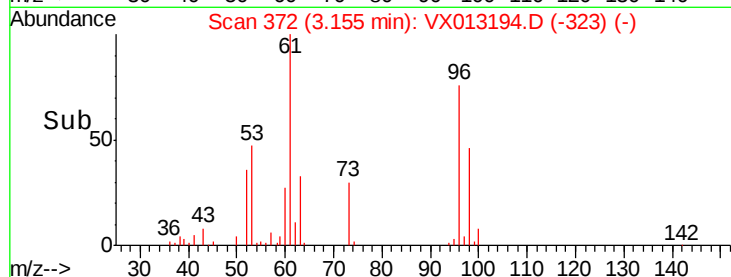
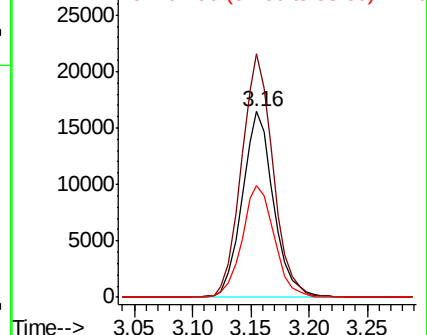


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.827 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion: 45 Resp: 89547

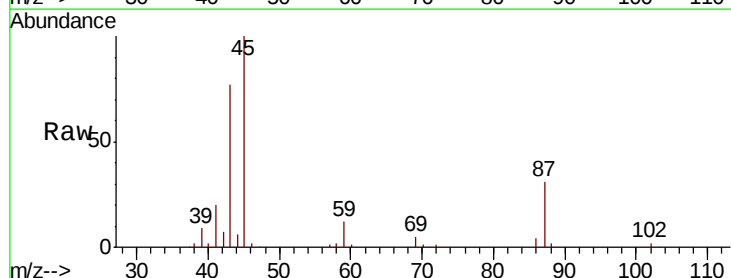
Ion Ratio Lower Upper

45 100

43 76.8 55.5 83.3

87 31.2 26.7 40.1

59 12.4 10.2 15.2



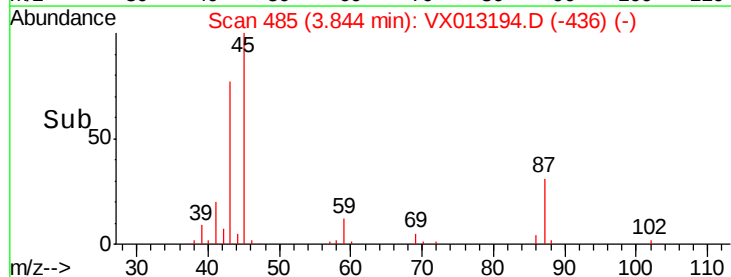
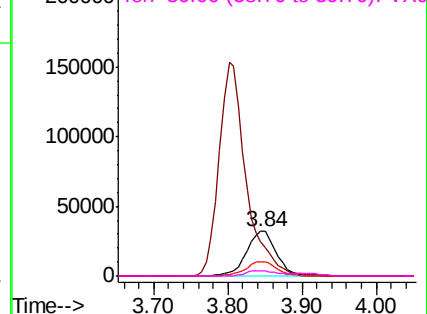
Abundance

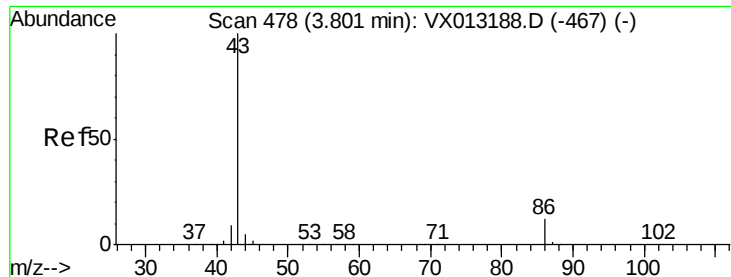
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.874 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

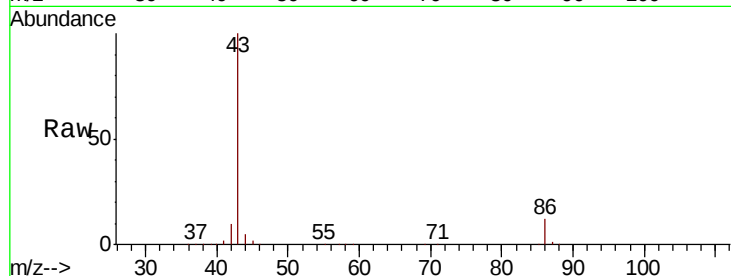
VX1024WBS02

Tot Ion: 43 Resp: 387225

Ion Ratio Lower Upper

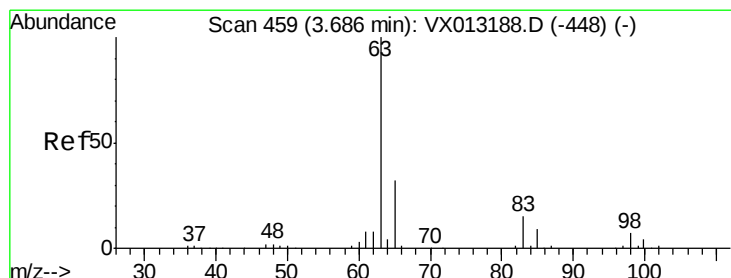
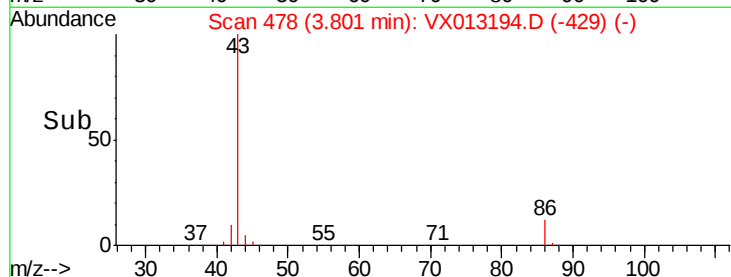
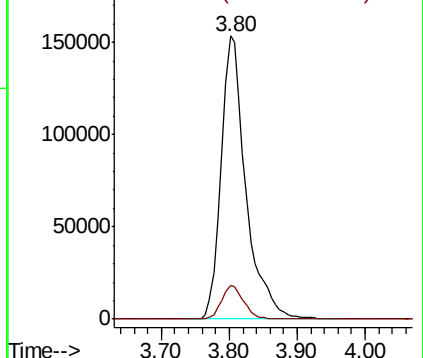
43 100

86 12.1 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: 19.269 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

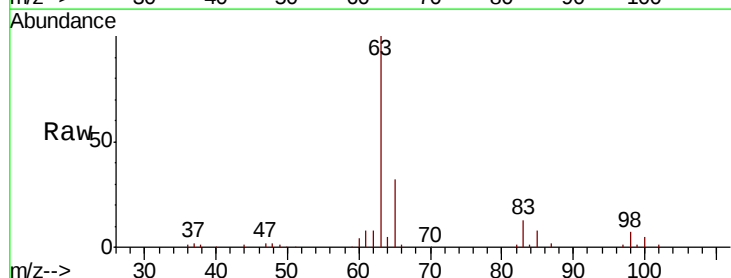
Tgt Ion: 63 Resp: 53527

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

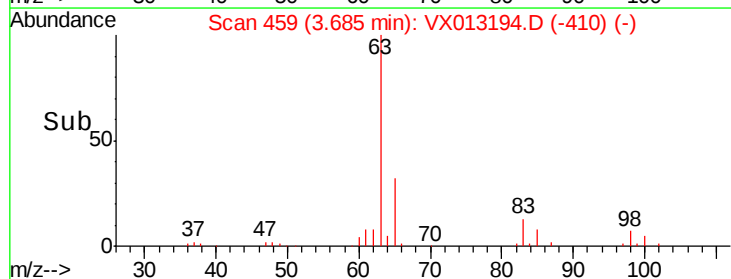
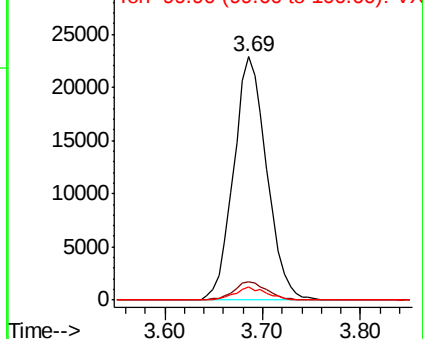
100 5.3 2.2 6.6

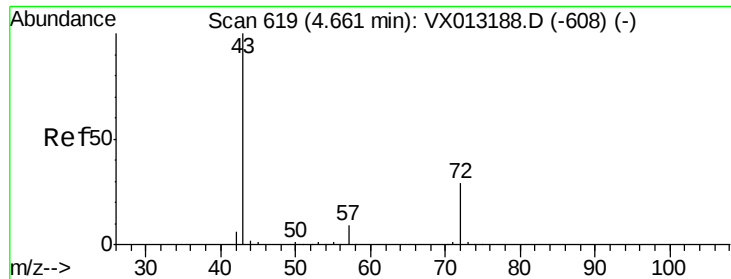


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.542 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

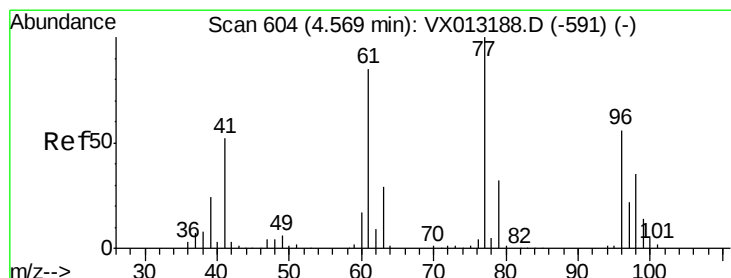
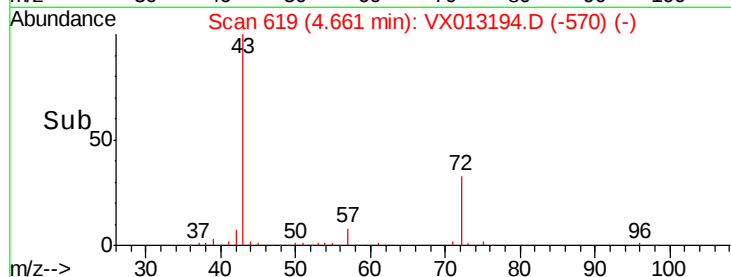
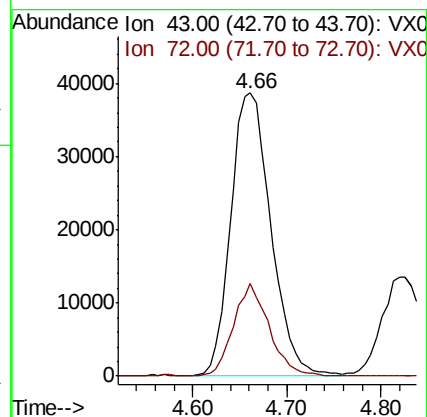
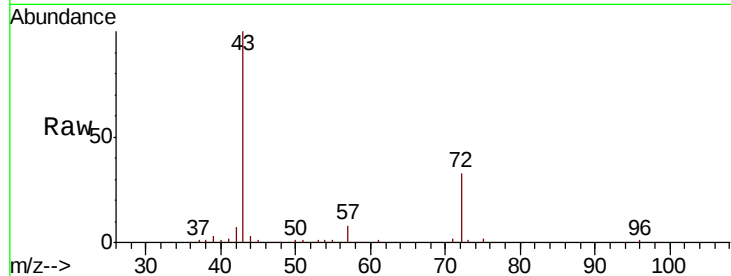
VX1024WBS02

Tot Ion: 43 Resp: 114432

Ion Ratio Lower Upper

43 100

72 32.4 23.4 35.2



#26

2,2-Dichloropropane

Concen: 18.619 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013194.D

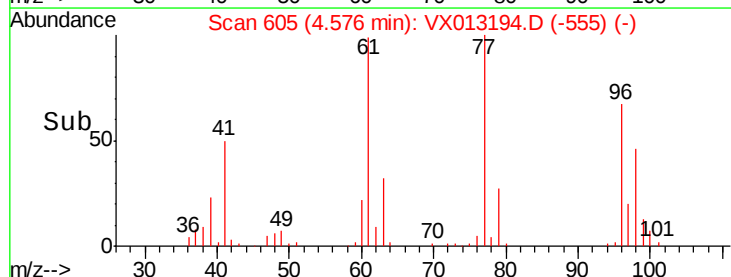
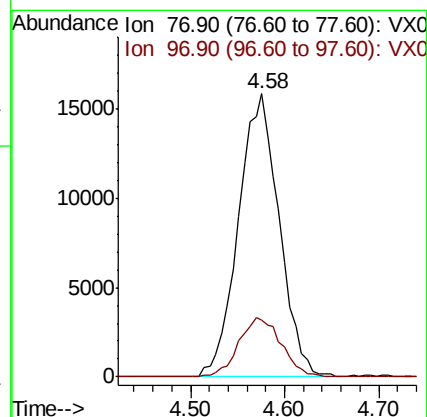
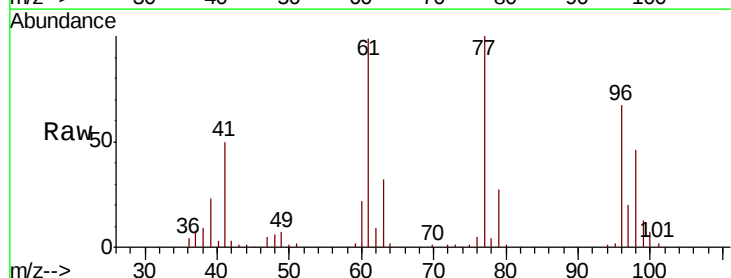
Acq: 23 Oct 2019 18:09

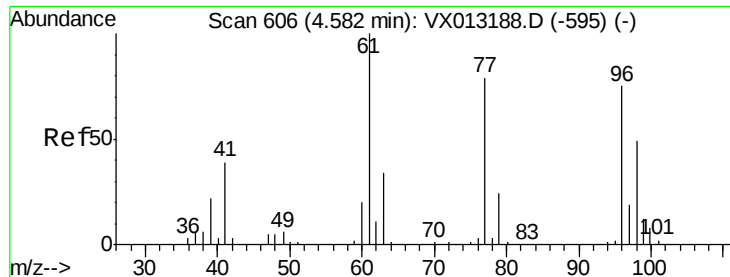
Tgt Ion: 77 Resp: 47802

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.6



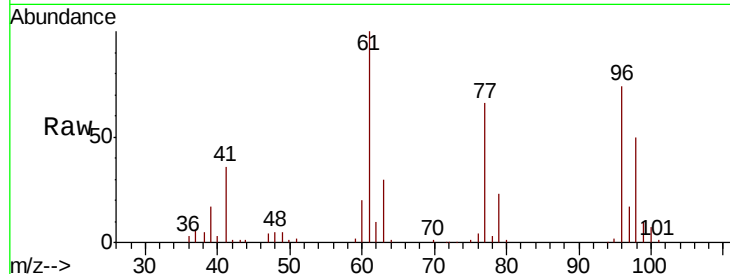


#27

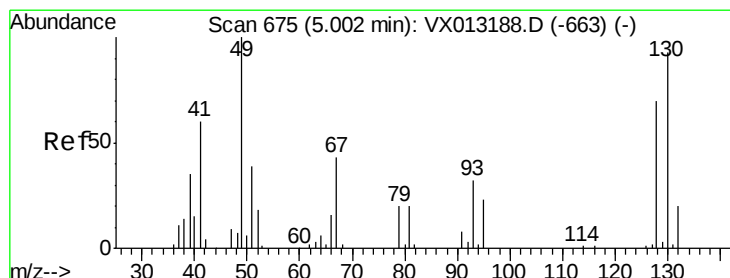
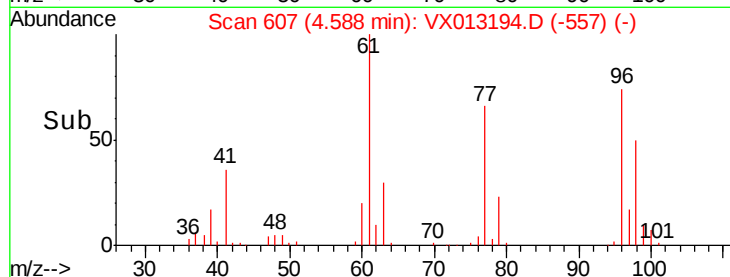
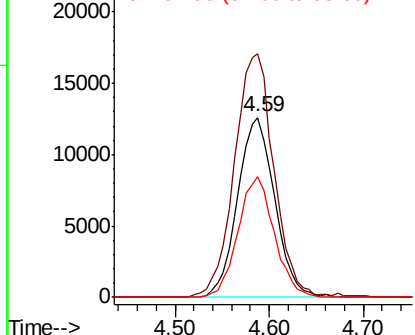
cis-1,2-Dichloroethene
 Concen: 19.343 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Tot Ion: 96 Resp: 34756
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 290.4
 98 65.5 0.0 130.4



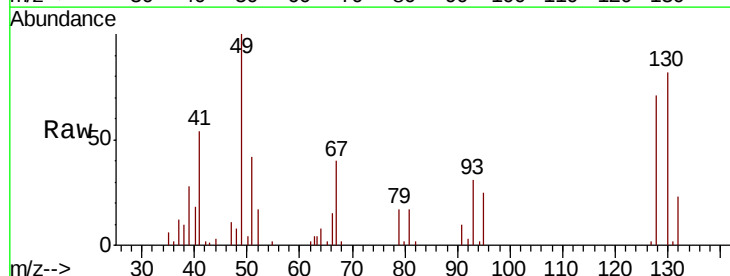
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



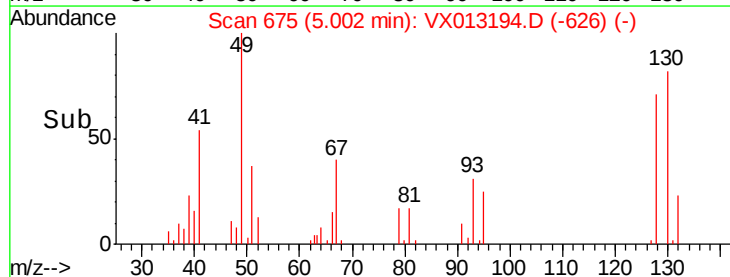
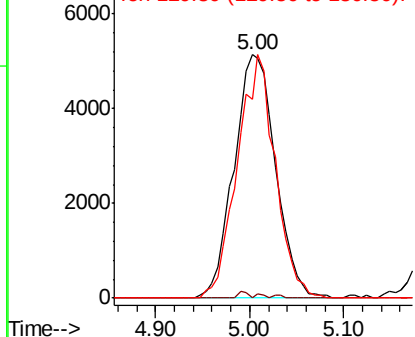
#28

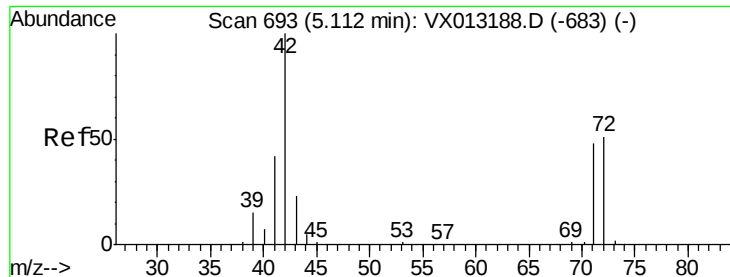
Bromochloromethane
 Concen: 21.995 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion: 49 Resp: 15755
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.8
 130 91.1 71.8 107.8



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





#29

Tetrahydrofuran

Concen: 100.497 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

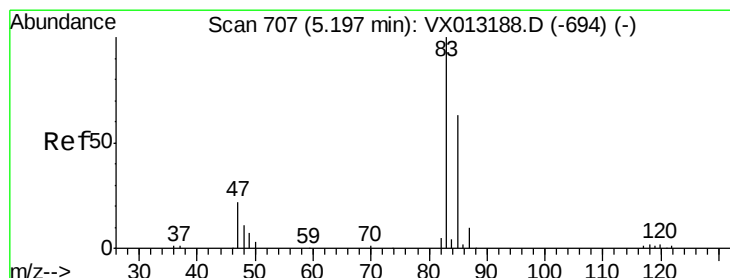
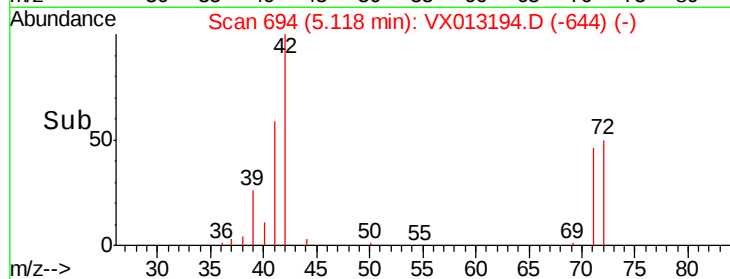
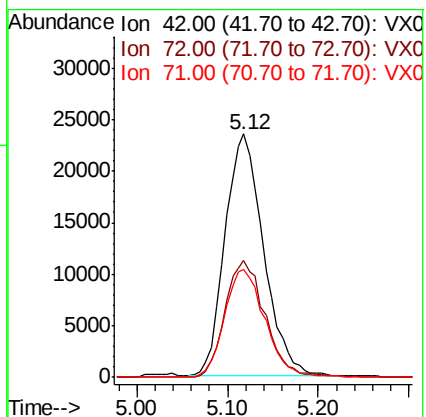
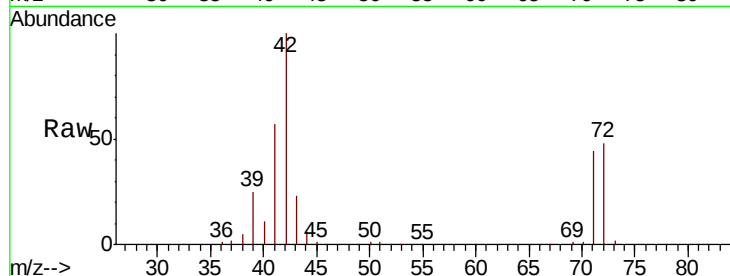
Tot Ion: 42 Resp: 68945

Ion Ratio Lower Upper

42 100

72 50.7 40.9 61.3

71 47.0 38.6 57.8



#30

Chloroform

Concen: 19.341 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013194.D

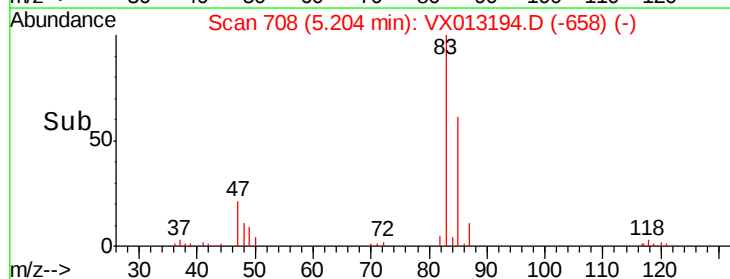
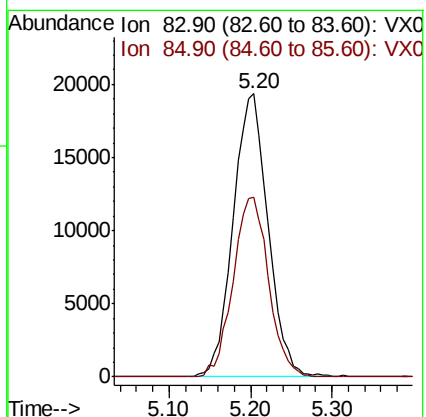
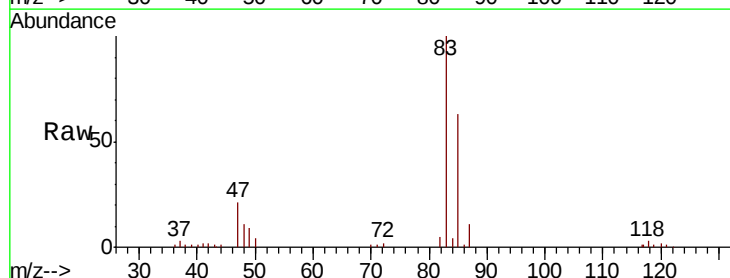
Acq: 23 Oct 2019 18:09

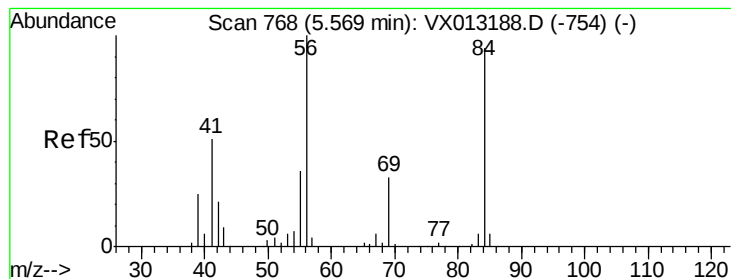
Tgt Ion: 83 Resp: 57205

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1





#31

Cyclohexane

Concen: 20.028 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

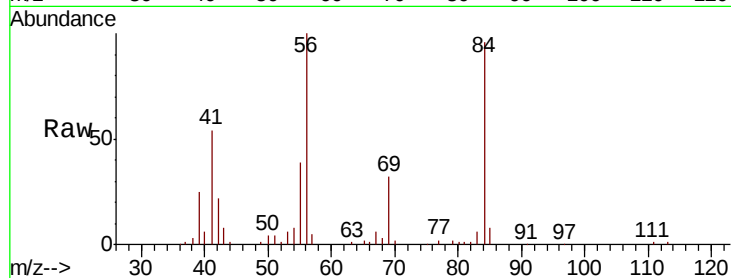
Tot Ion: 56 Resp: 46659

Ion Ratio Lower Upper

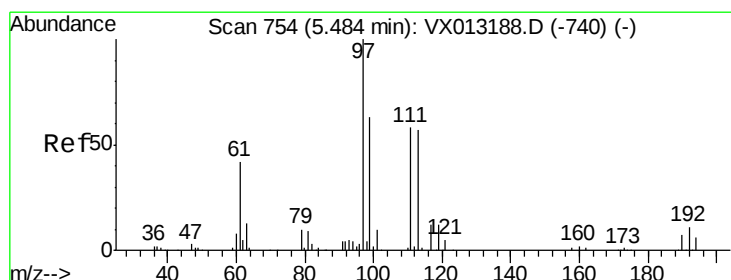
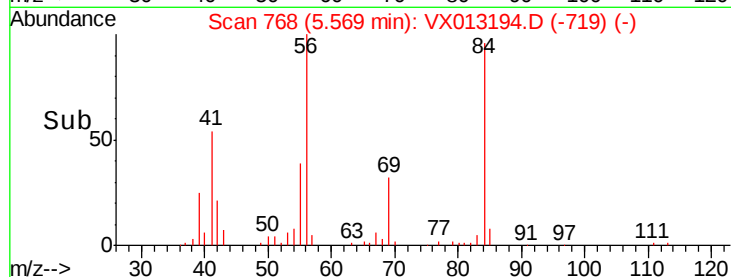
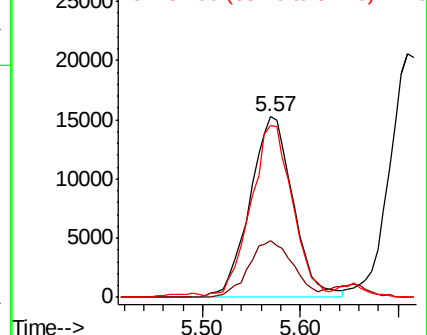
56 100

69 31.6 26.3 39.5

84 93.5 73.8 110.6



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



#32

1,1,1-Trichloroethane

Concen: 19.366 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

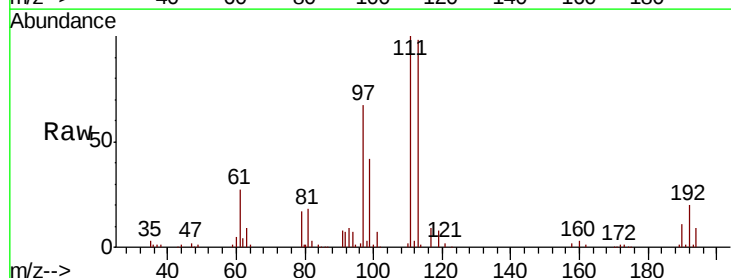
Tgt Ion: 97 Resp: 50929

Ion Ratio Lower Upper

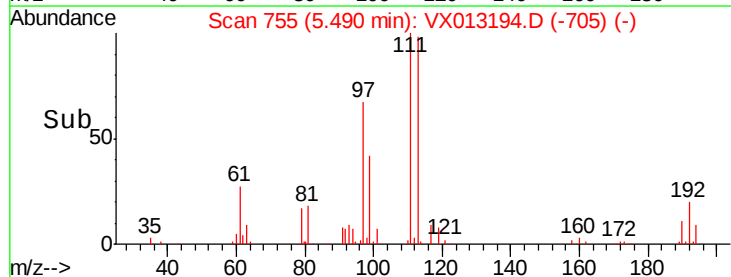
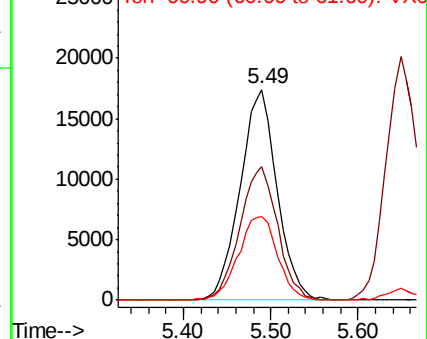
97 100

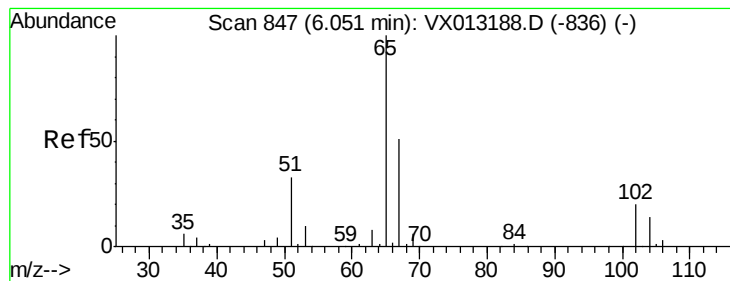
99 64.6 50.8 76.2

61 42.1 32.8 49.2



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





#33

1,2-Dichloroethane-d4

Concen: 52.135 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

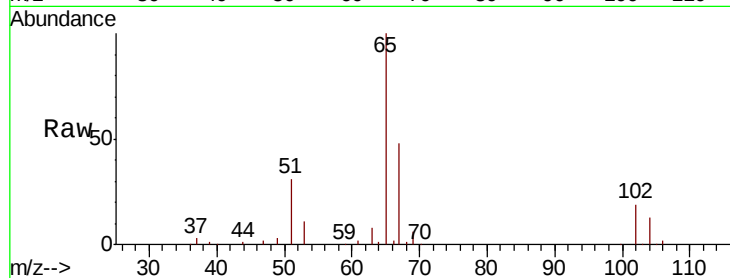
VX1024WBS02

Tot Ion: 65 Resp: 93916

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

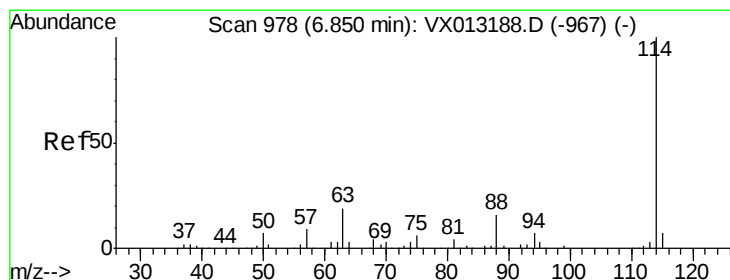
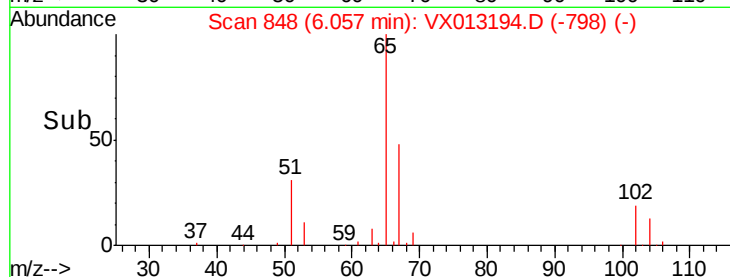
20000

10000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

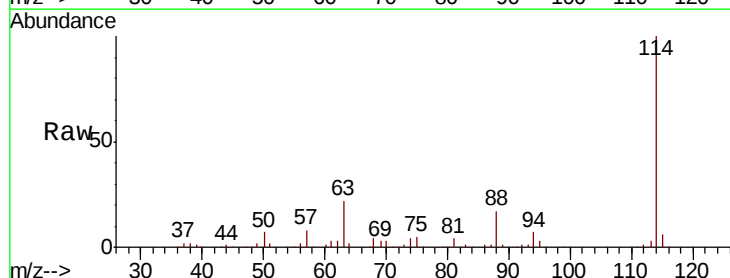
Tgt Ion: 114 Resp: 125729

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

88 17.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

60000

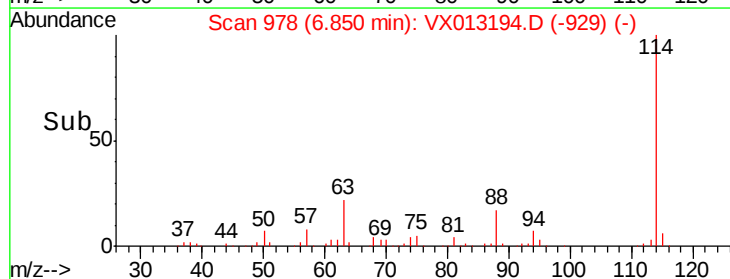
40000

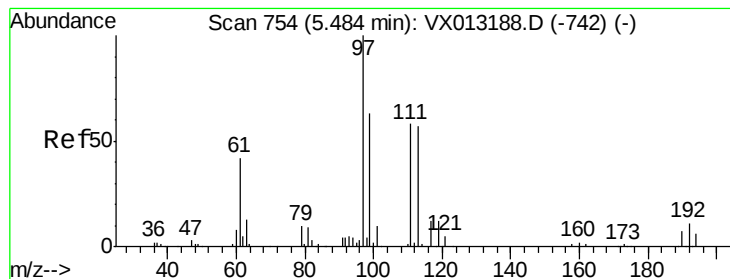
20000

0

6.80 6.90

Time-->





#35

Dibromofluoromethane

Concen: 51.700 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

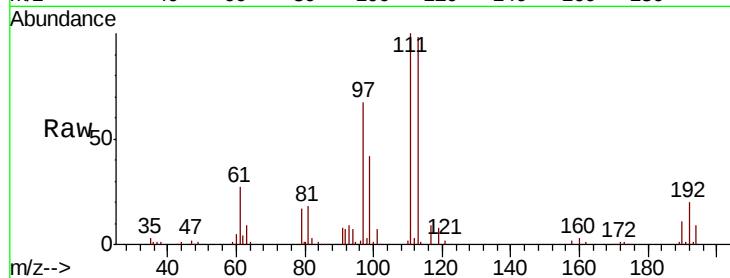
Tot Ion:113 Resp: 72487

Ion Ratio Lower Upper

113 100

111 103.7 80.3 120.5

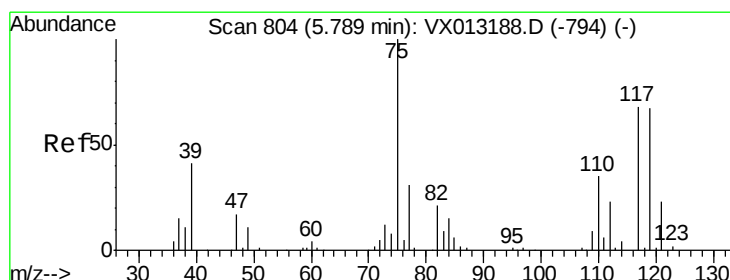
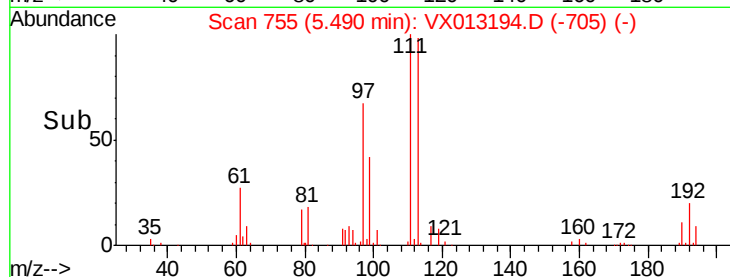
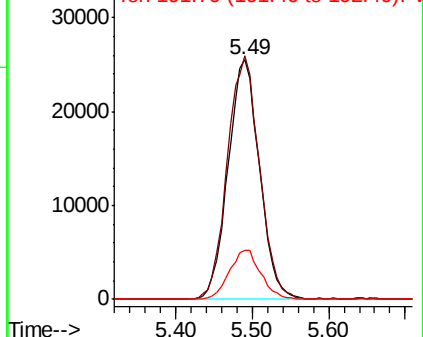
192 20.6 15.9 23.9



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: 19.386 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

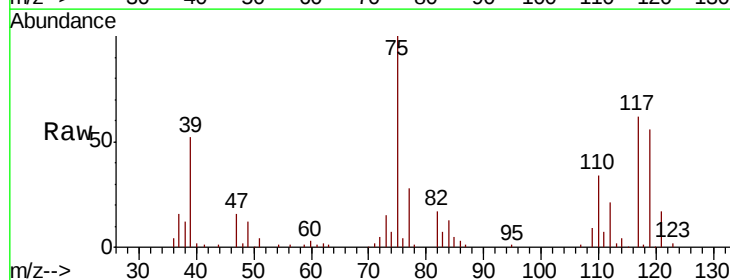
Tgt Ion: 75 Resp: 40900

Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

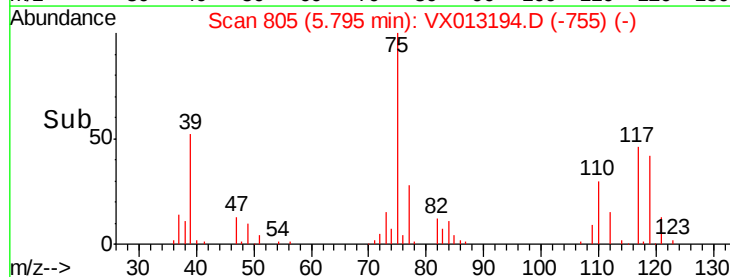
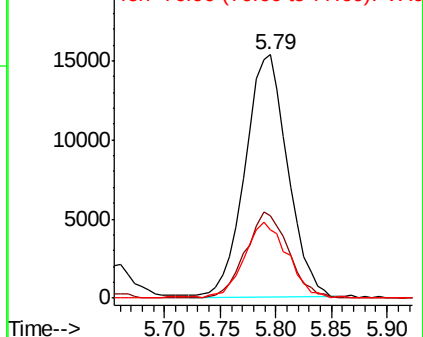
77 31.9 24.7 37.1

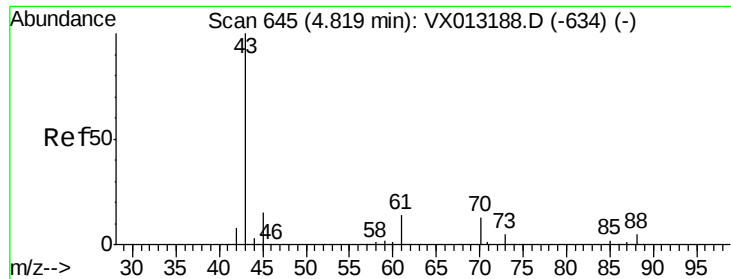


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.714 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

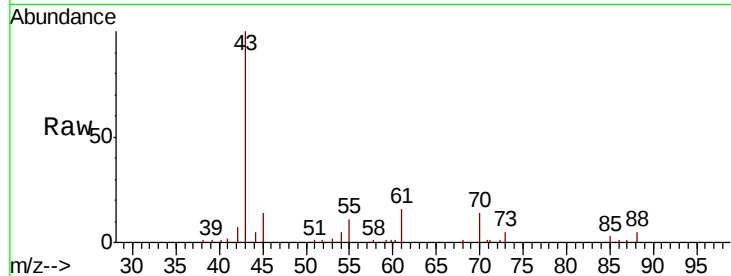
Tot Ion: 43 Resp: 43399

Ion Ratio Lower Upper

43 100

61 14.4 12.1 18.1

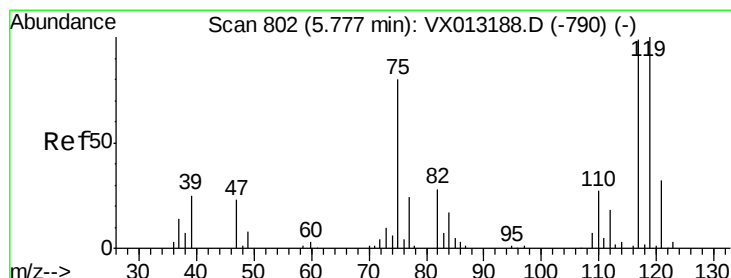
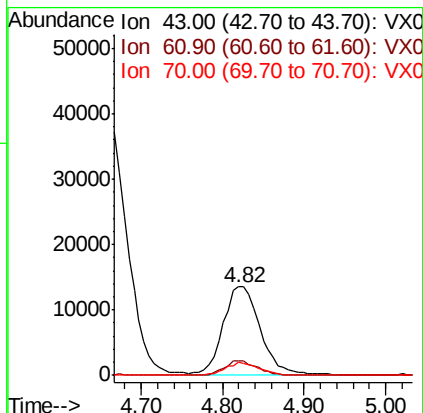
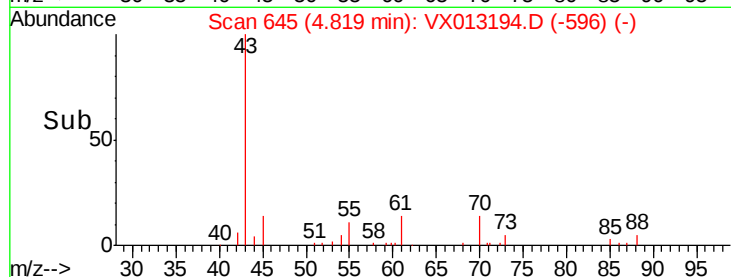
70 12.7 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.854 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

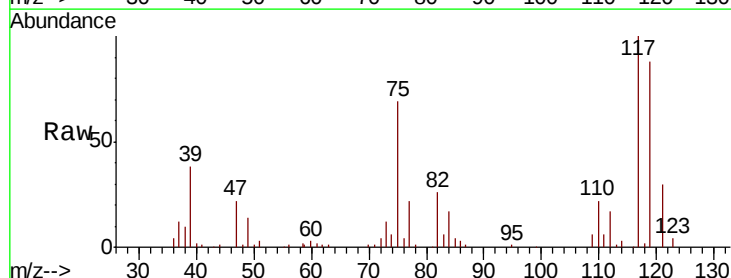
Tgt Ion: 117 Resp: 43816

Ion Ratio Lower Upper

117 100

119 88.2 80.1 120.1

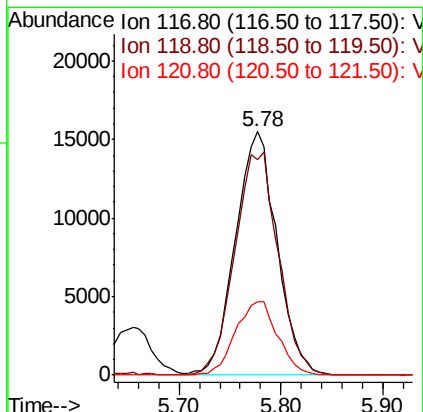
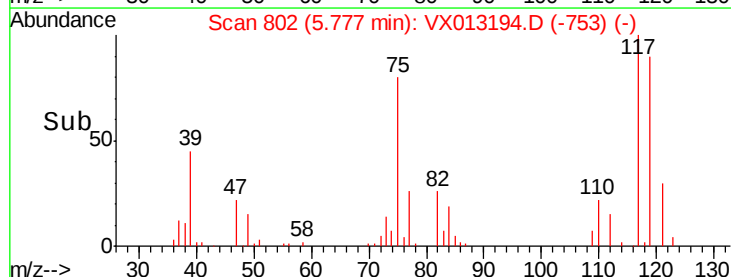
121 30.0 25.5 38.3

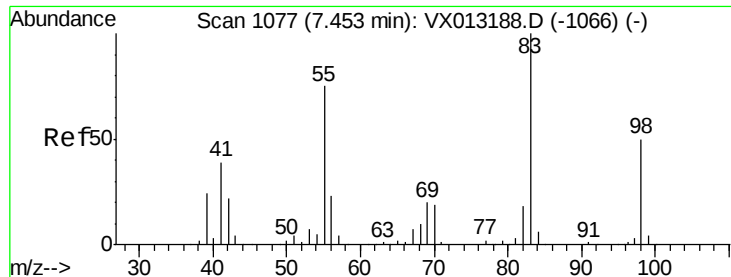


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

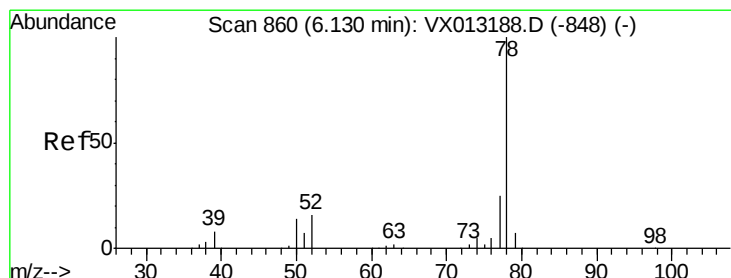
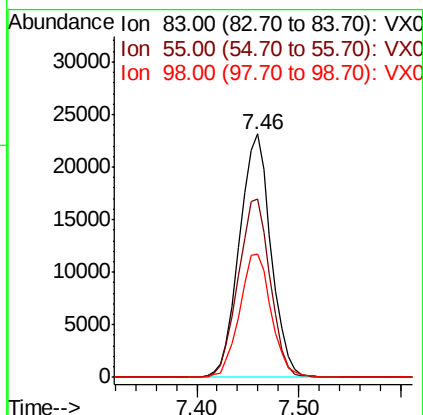
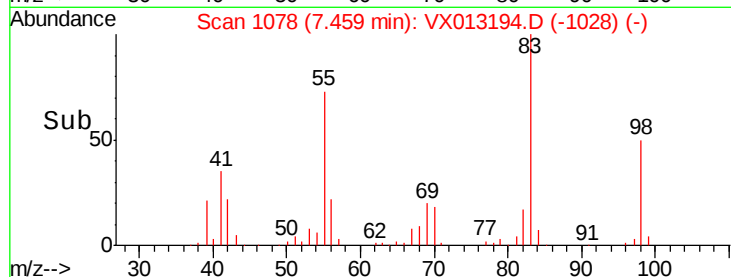
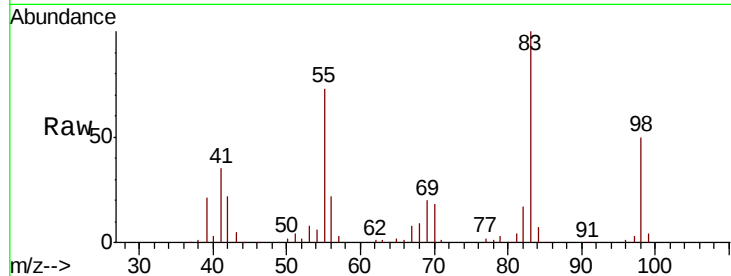




#39
Methvlcvclohexane
Concen: 18.525 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

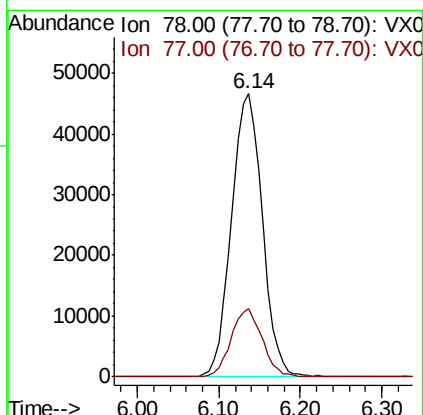
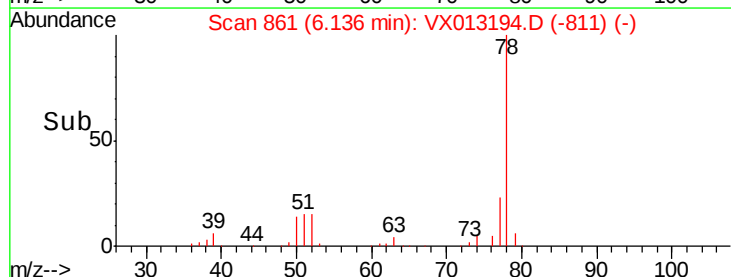
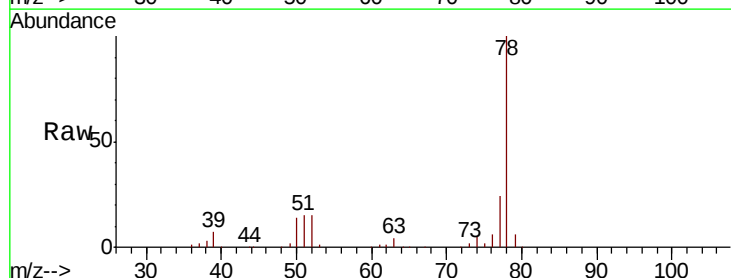
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

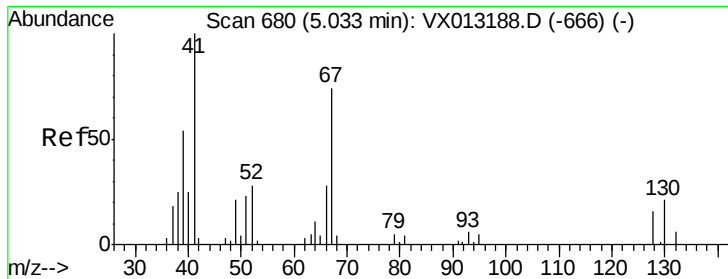
Tot Ion: 83 Resp: 49862
Ion Ratio Lower Upper
83 100
55 73.2 60.1 90.1
98 50.4 39.8 59.8



#40
Benzene
Concen: 19.315 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 78 Resp: 121980
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4

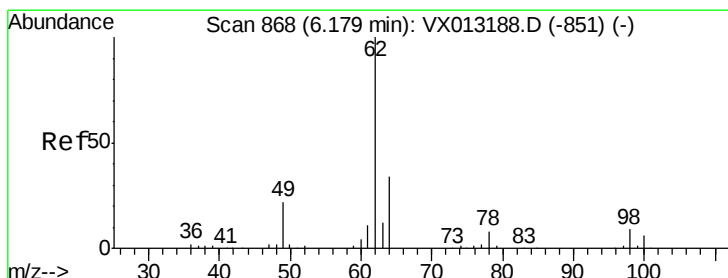
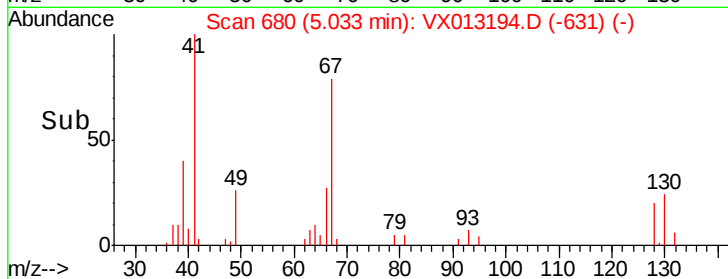
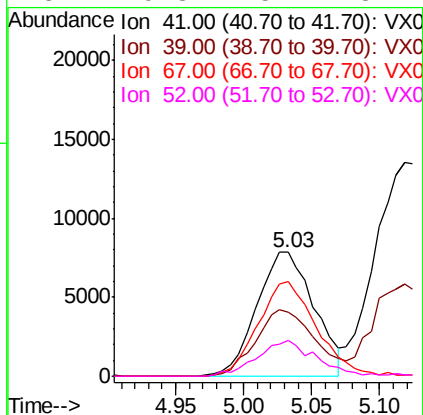
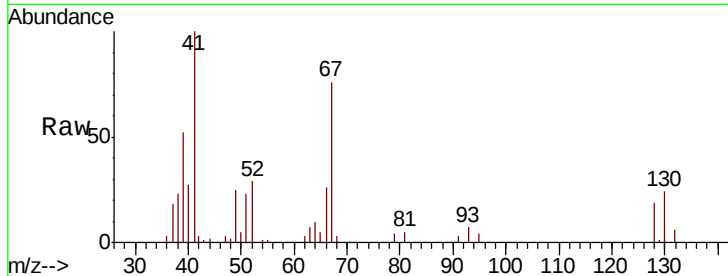




#41
Methacrylonitrile
Concen: 20.564 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

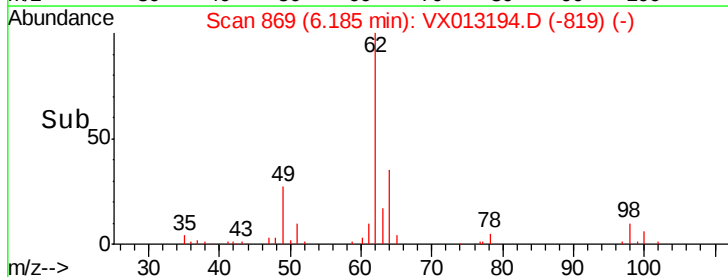
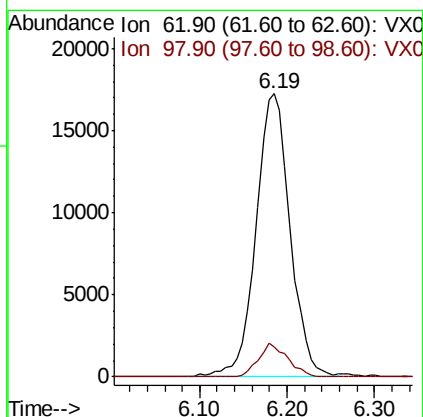
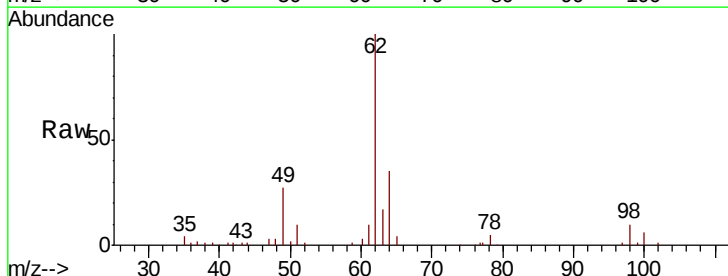
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

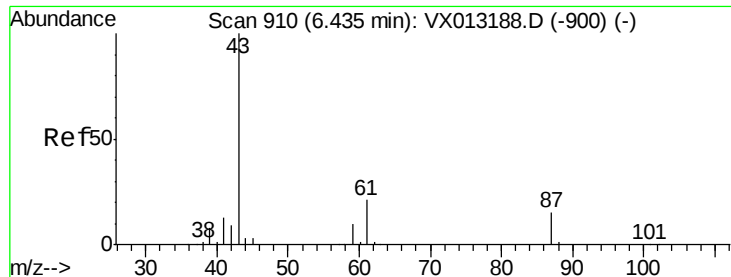
Tot Ion:	41	Resp:	23099
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.2	67.8
67	78.1	61.3	91.9
52	29.3	25.1	37.7



#42
1,2-Dichloroethane
Concen: 19.701 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion:	62	Resp:	46908
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.373 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

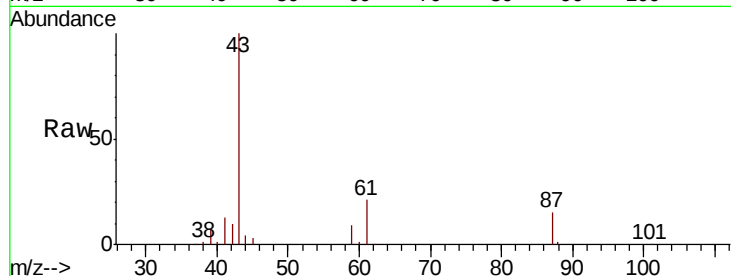
Tot Ion: 43 Resp: 70872

Ion Ratio Lower Upper

43 100

61 21.3 17.0 25.4

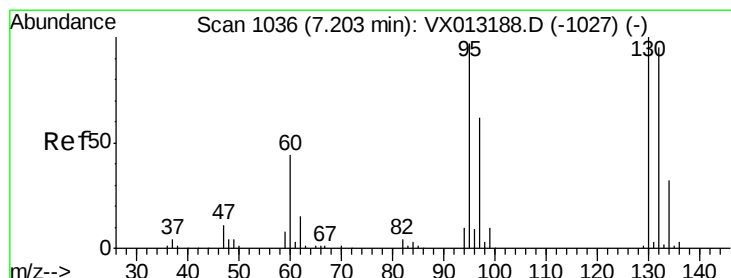
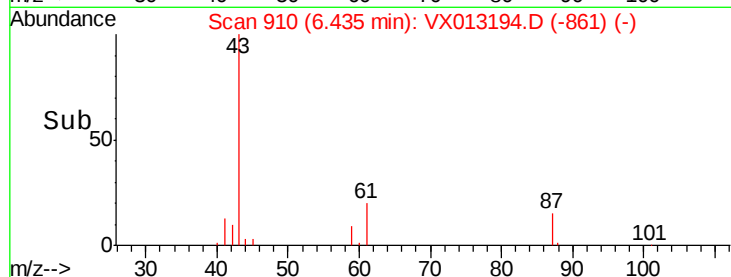
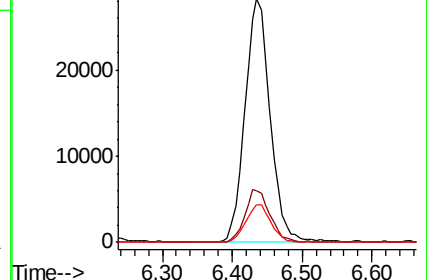
87 15.2 12.1 18.1



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: 19.122 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013194.D

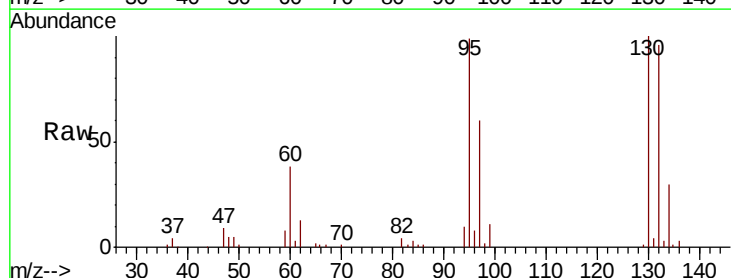
Acq: 23 Oct 2019 18:09

Tgt Ion:130 Resp: 34274

Ion Ratio Lower Upper

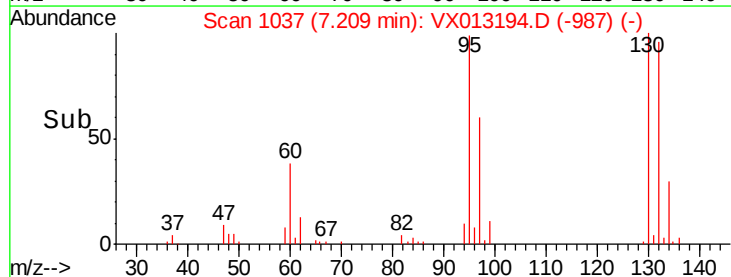
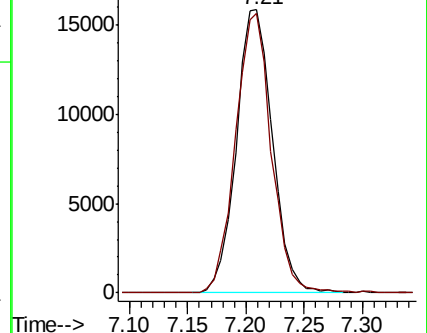
130 100

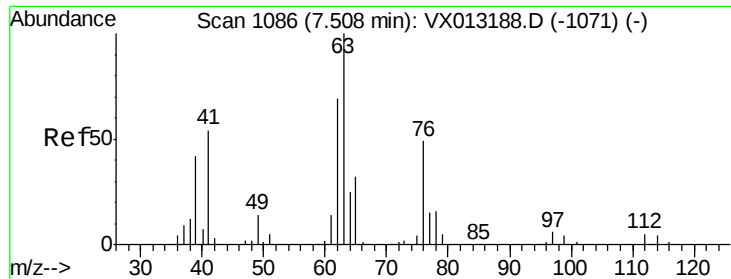
95 98.9 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.322 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

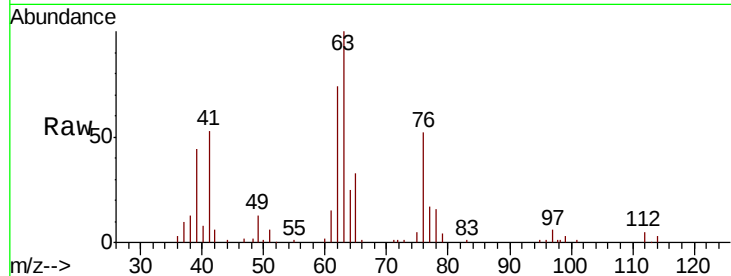
VX1024WBS02

Tot Ion: 63 Resp: 30562

Ion Ratio Lower Upper

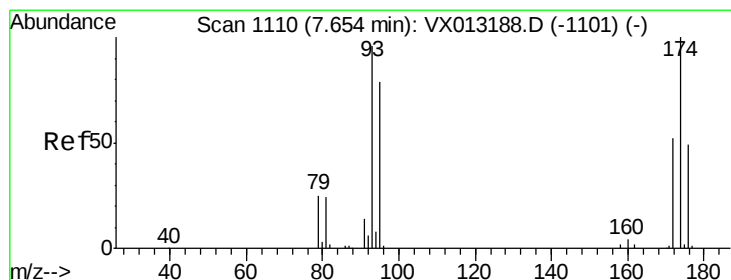
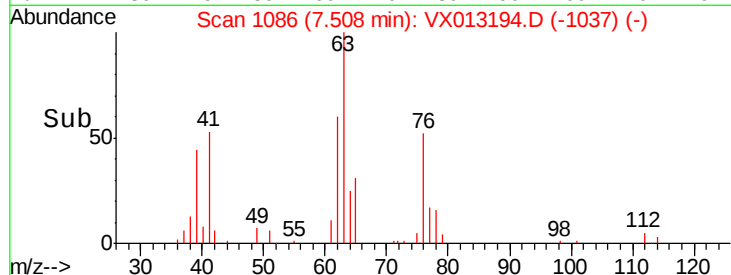
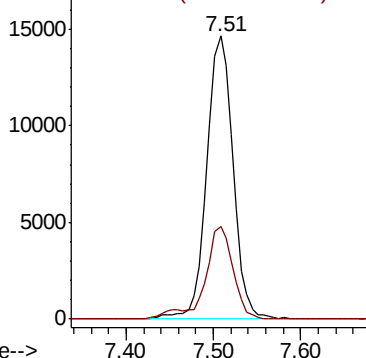
63 100

65 32.9 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: 19.347 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

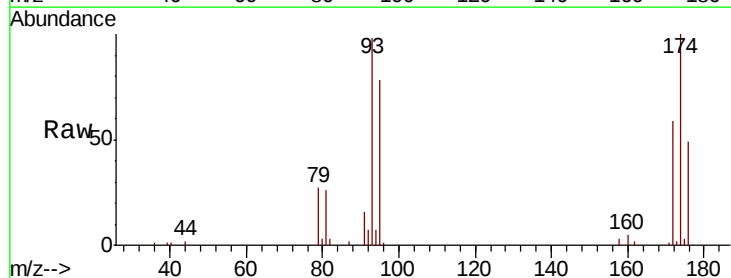
Tgt Ion: 93 Resp: 22047

Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.4

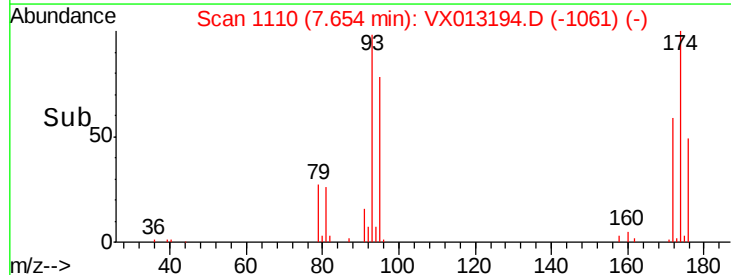
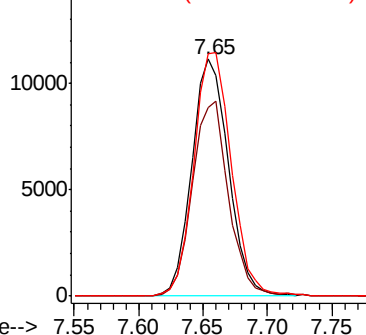
174 105.0 85.2 127.8

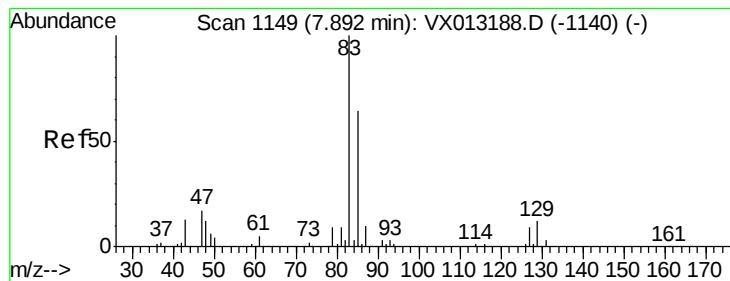


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.129 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

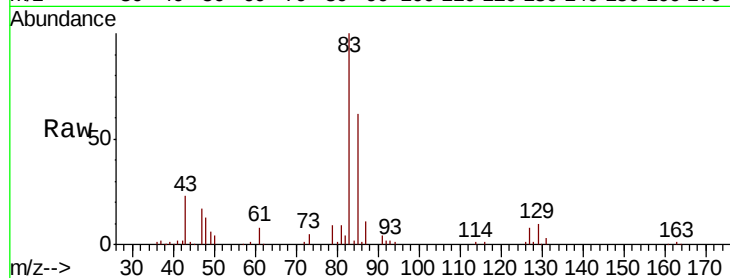
Tot Ion: 83 Resp: 42481

Ion Ratio Lower Upper

83 100

85 62.2 51.0 76.6

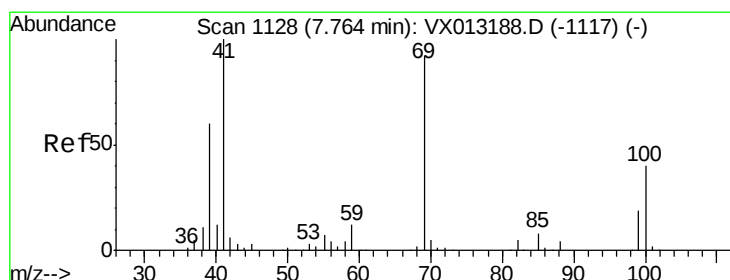
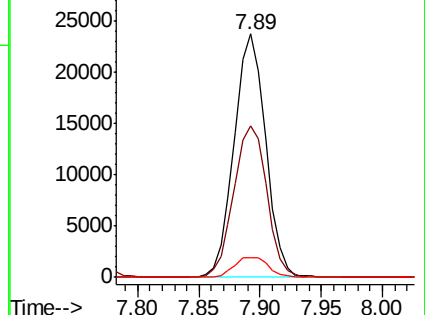
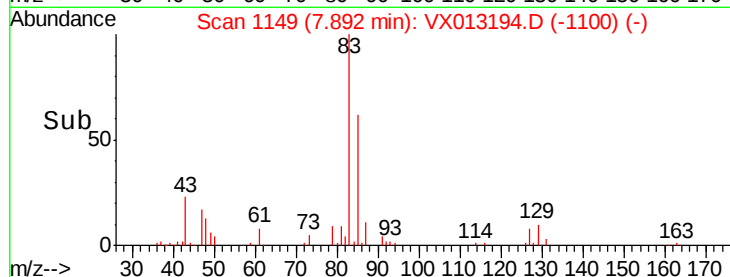
127 8.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.667 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

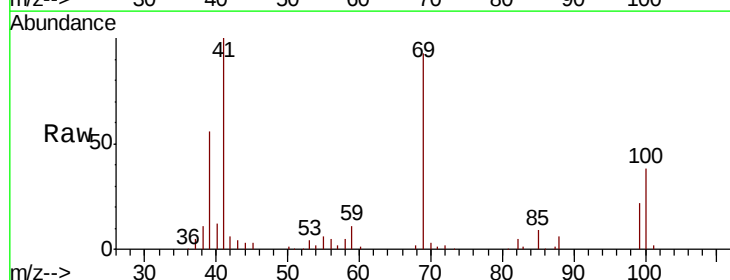
Tgt Ion: 41 Resp: 33815

Ion Ratio Lower Upper

41 100

69 90.9 72.0 108.0

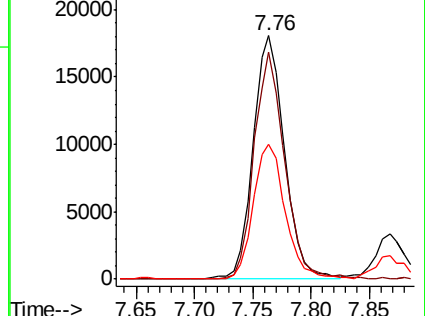
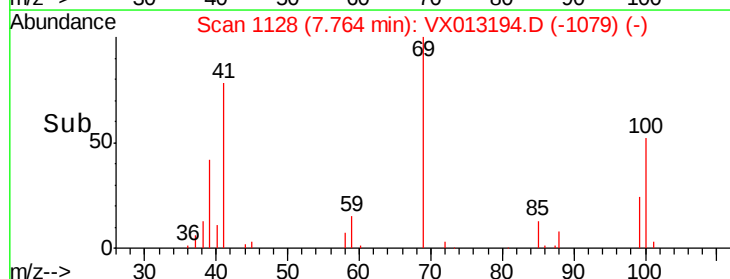
39 56.9 47.4 71.0

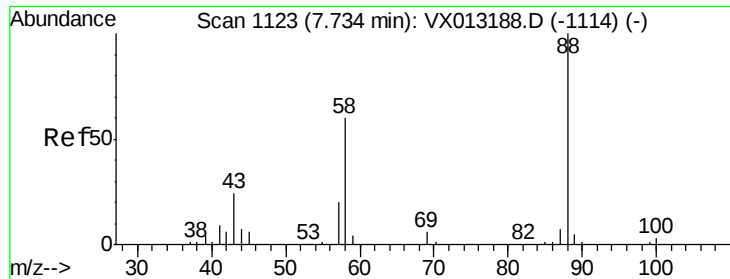


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

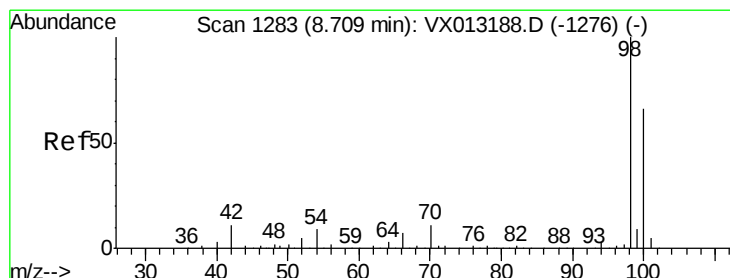
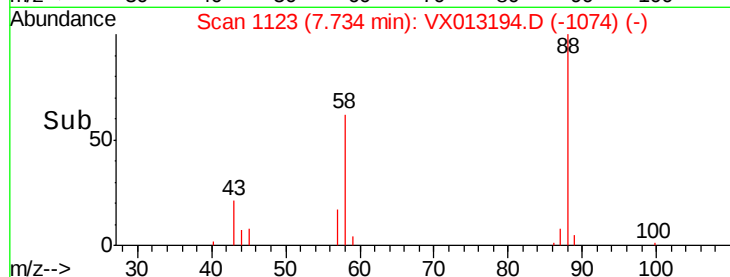
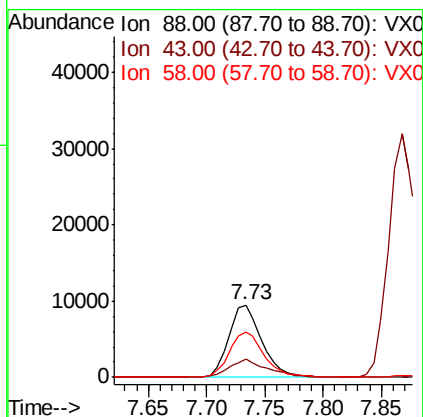
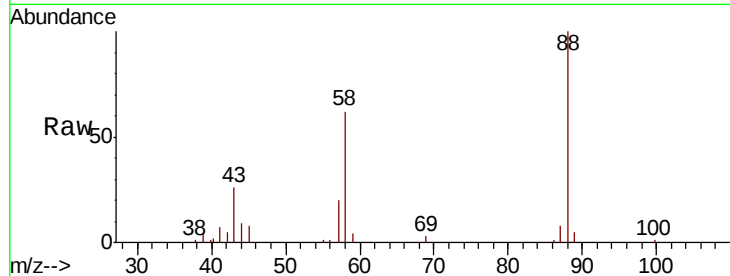




#49
1,4-Dioxane
Concen: 424.232 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

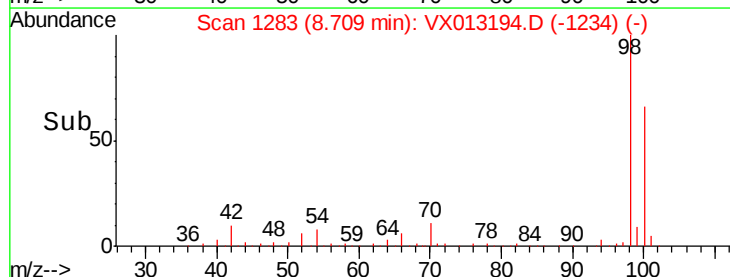
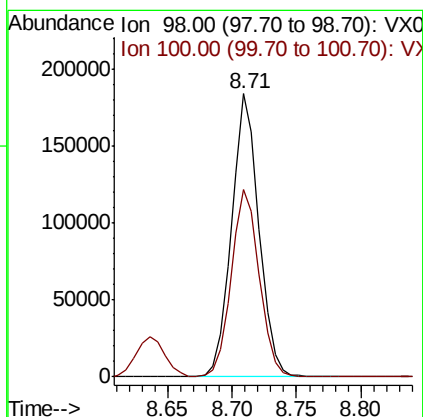
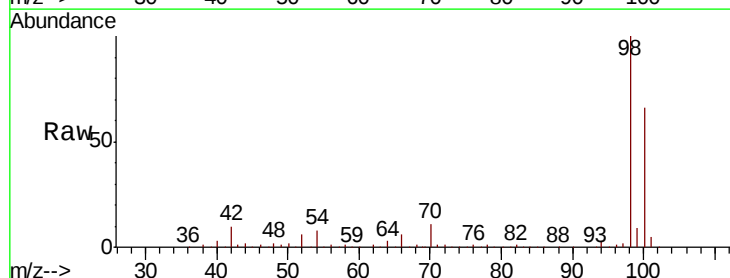
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

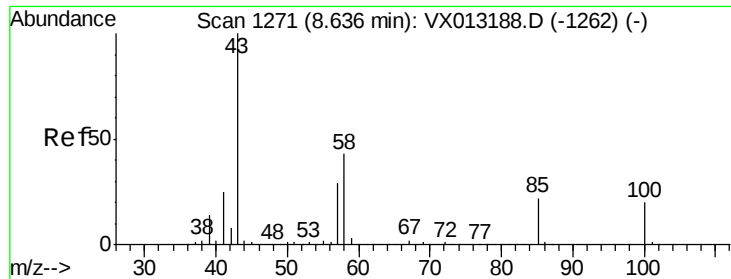
Tot Ion: 88 Resp: 18564
Ion Ratio Lower Upper
88 100
43 29.5 24.5 36.7
58 65.4 54.1 81.1



#50
Toluene-d8
Concen: 52.418 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 98 Resp: 272357
Ion Ratio Lower Upper
98 100
100 67.5 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 102.060 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

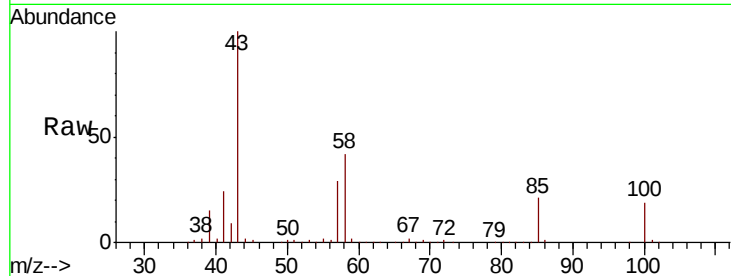
VX1024WBS02

Tot Ion: 43 Resp: 216403

Ion Ratio Lower Upper

43 100

58 41.4 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

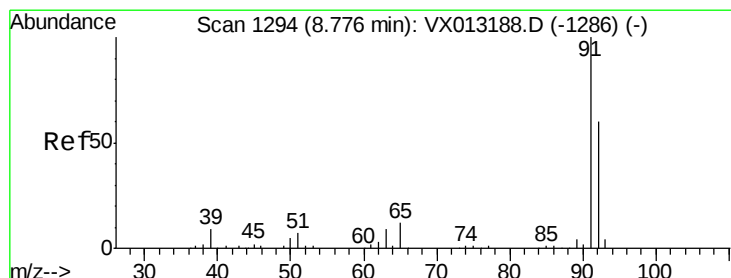
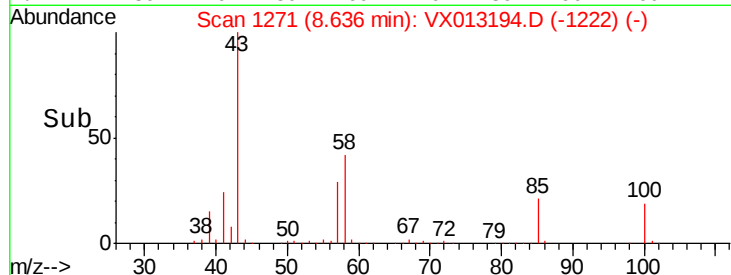
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.449 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013194.D

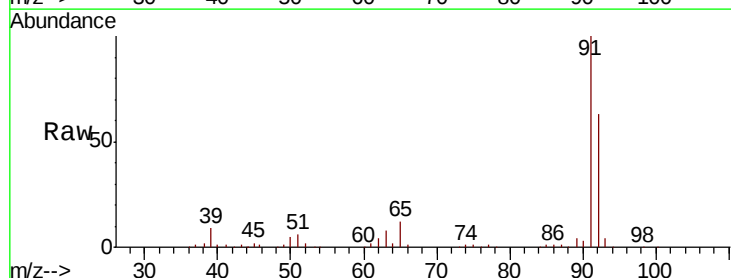
Acq: 23 Oct 2019 18:09

Tgt Ion: 92 Resp: 81397

Ion Ratio Lower Upper

92 100

91 162.7 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

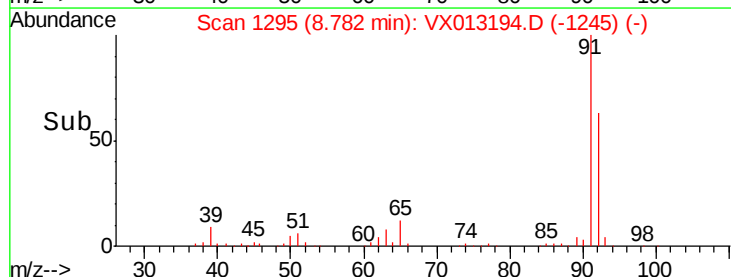
60000

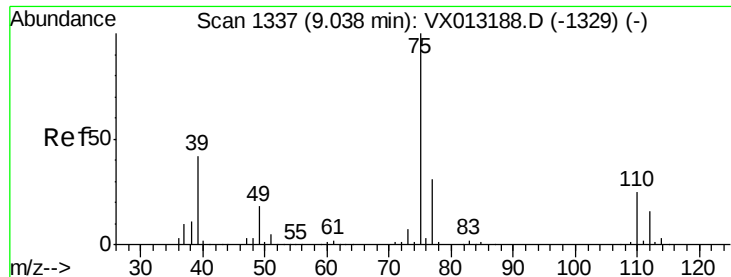
40000

20000

0

Time-->

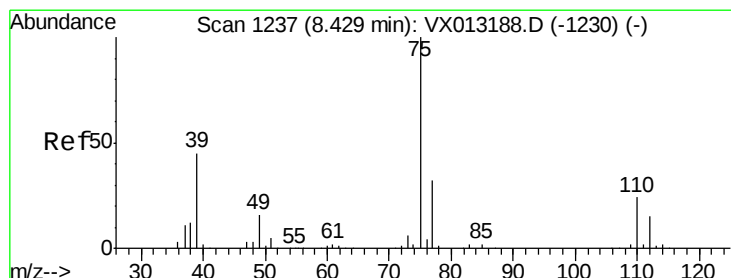
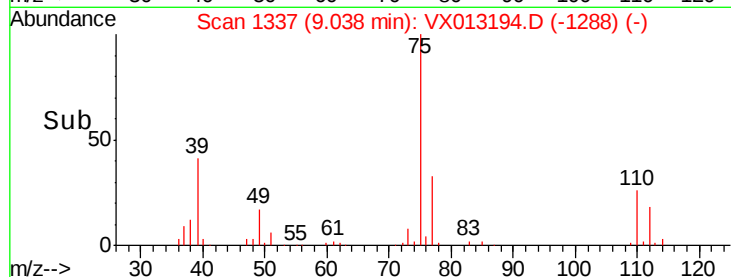
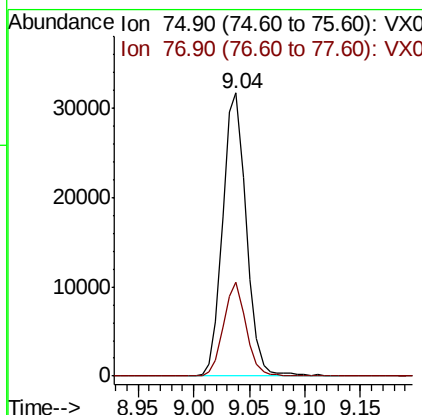
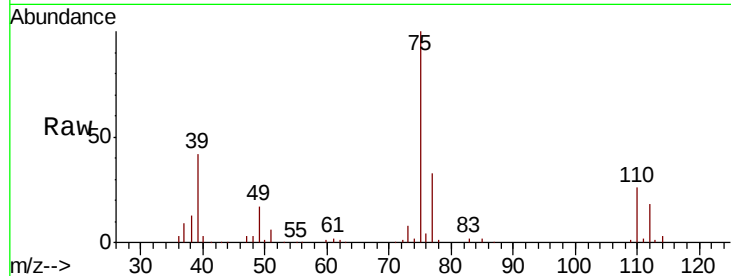




#53
t-1,3-Dichloropropene
Concen: 19.766 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

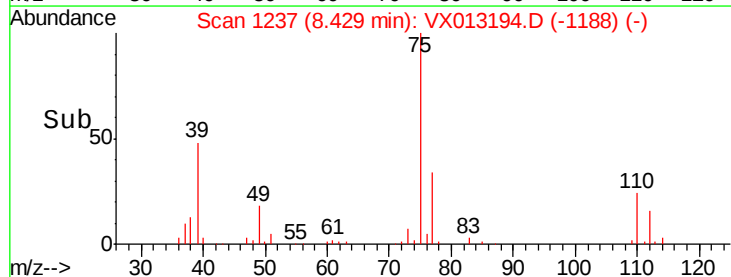
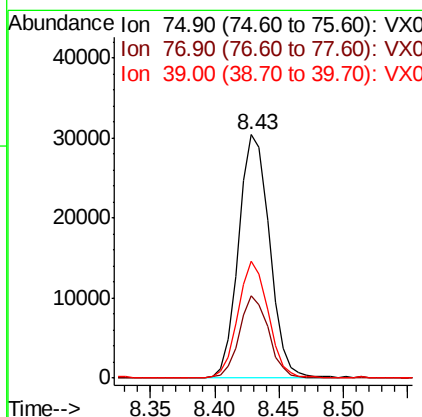
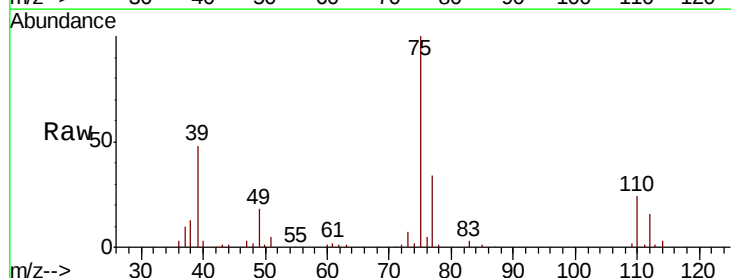
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

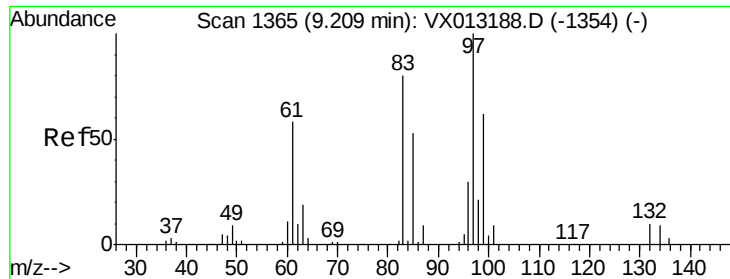
Tot Ion: 75 Resp: 46647
Ion Ratio Lower Upper
75 100
77 33.1 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 19.687 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 75 Resp: 50827
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0
39 48.1 36.2 54.4

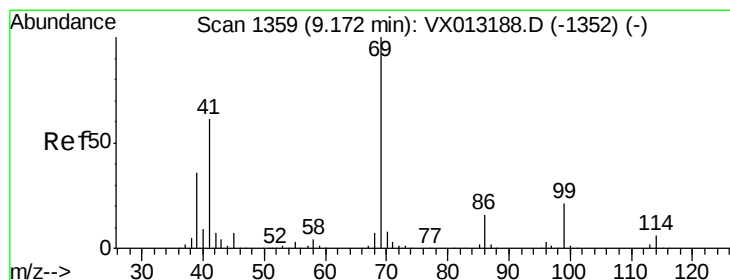
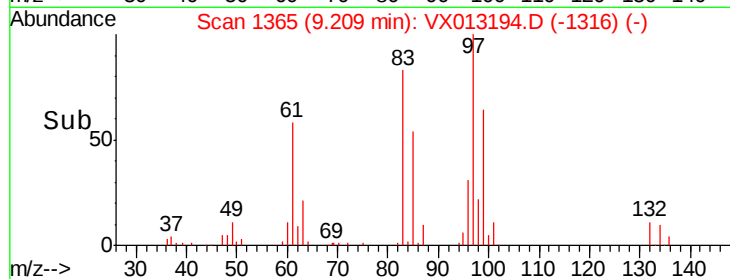
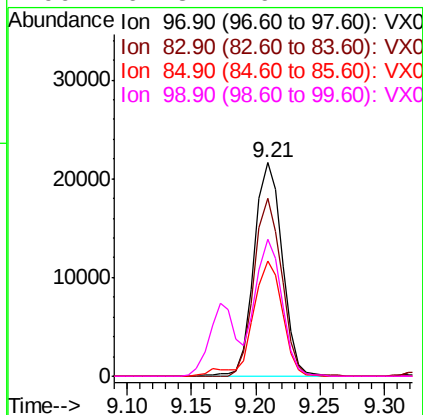
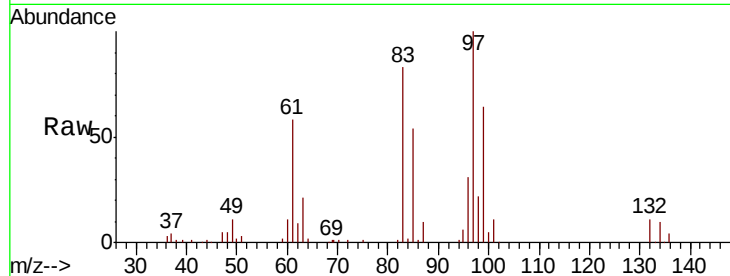




#55
 1,1,2-Trichloroethane
 Concen: 19.675 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

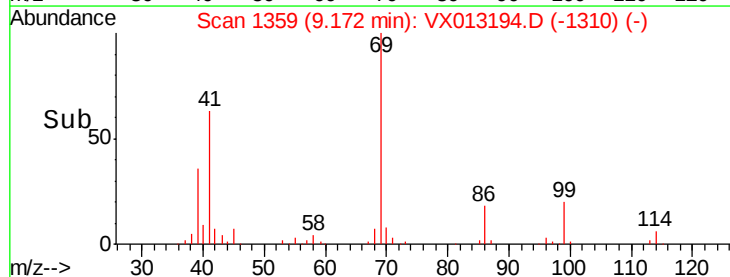
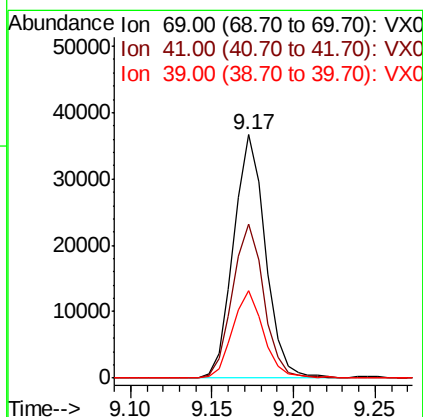
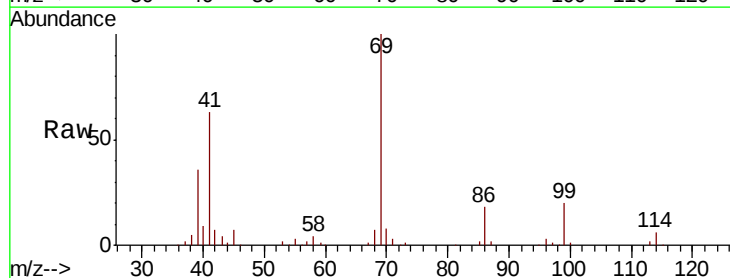
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

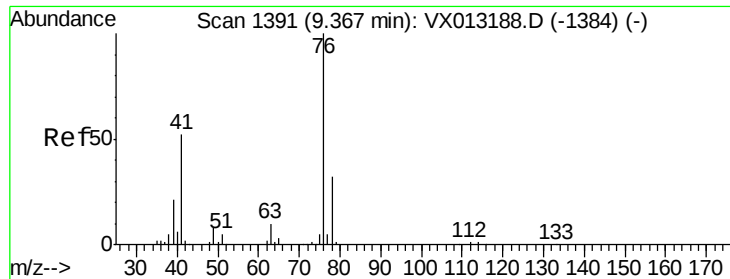
Tot Ion:	97	Resp:	32555
Ion	Ratio	Lower	Upper
97	100		
83	83.1	64.1	96.1
85	53.7	42.1	63.1
99	64.3	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.062 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion:	69	Resp:	49962
Ion	Ratio	Lower	Upper
69	100		
41	63.0	49.5	74.3
39	35.6	28.3	42.5

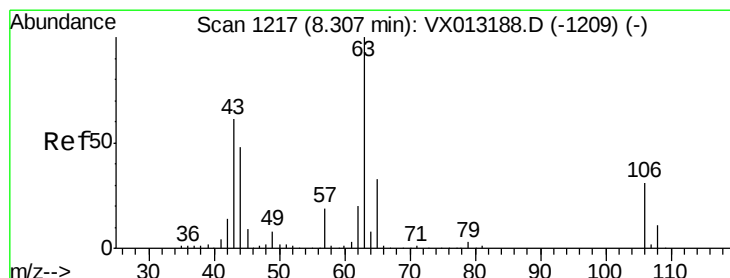
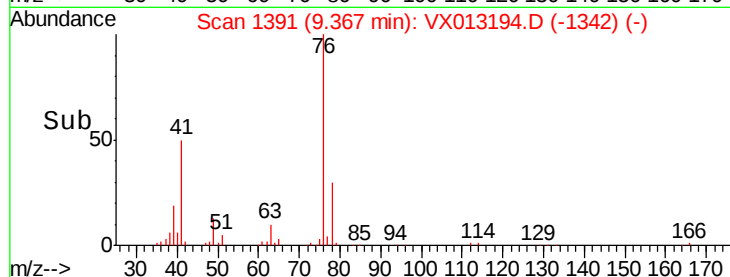
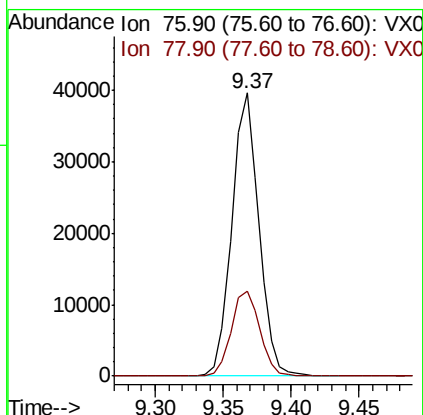
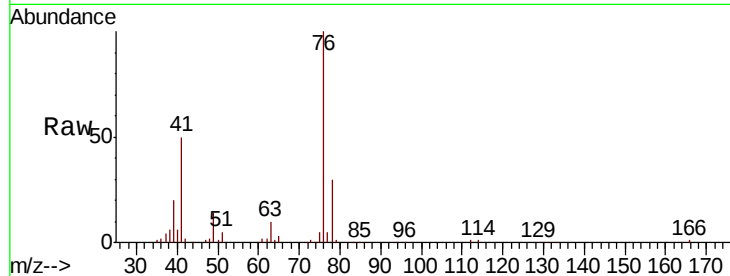




#57
 1,3-Dichloropropane
 Concen: 19.602 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

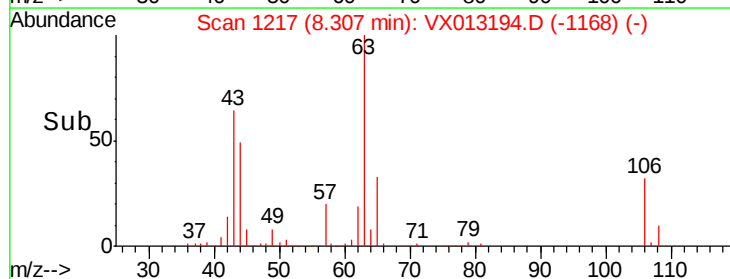
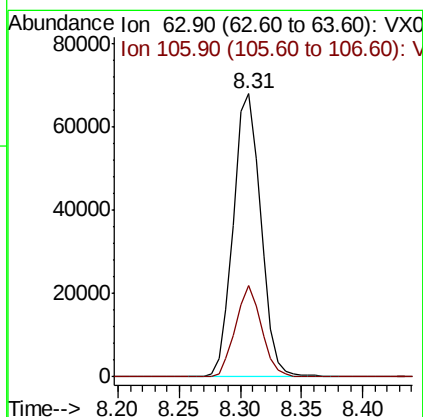
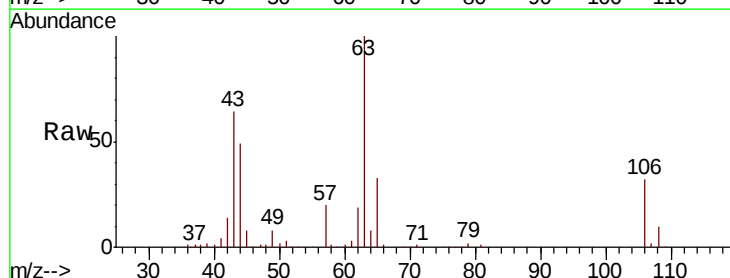
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

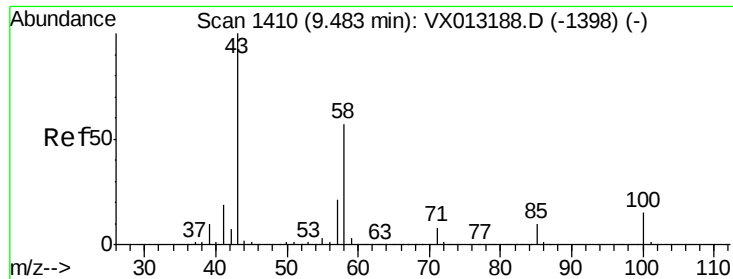
Tot Ion: 76 Resp: 54728
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.808 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion: 63 Resp: 105734
 Ion Ratio Lower Upper
 63 100
 106 30.8 25.4 38.0

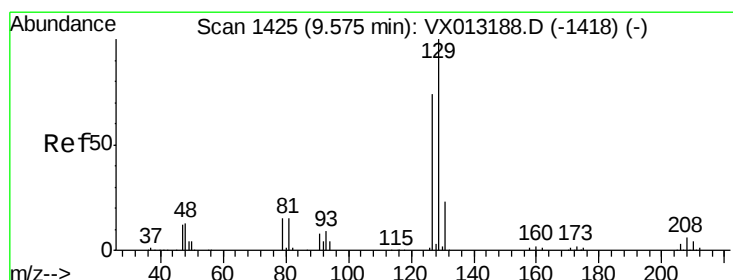
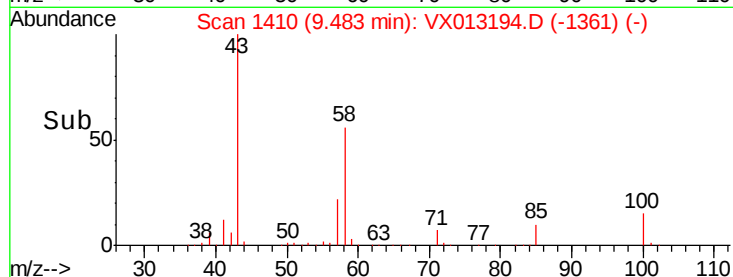
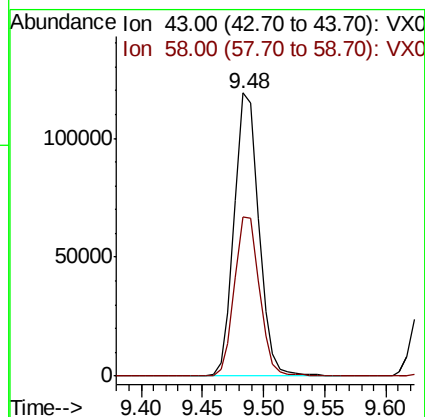
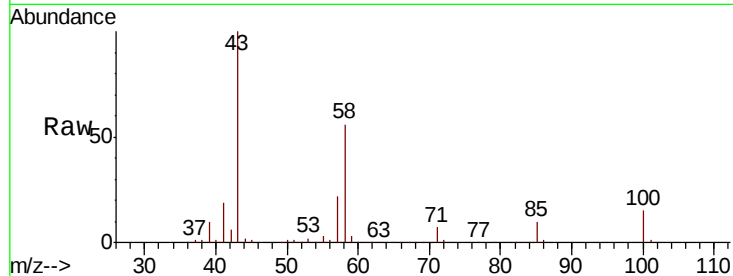




#59
2-Hexanone
Concen: 101.637 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

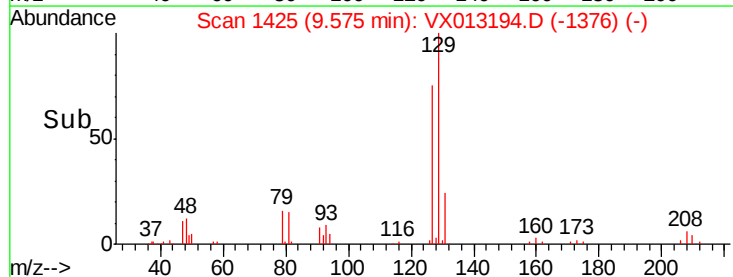
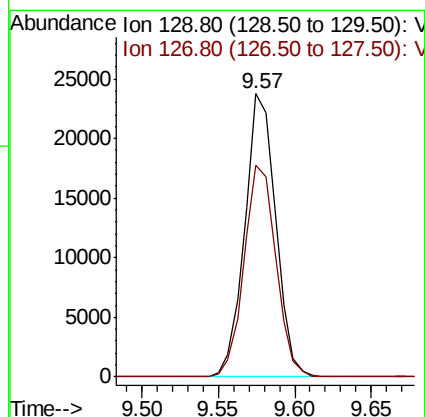
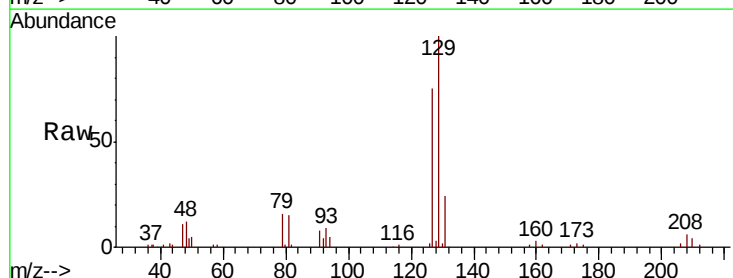
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

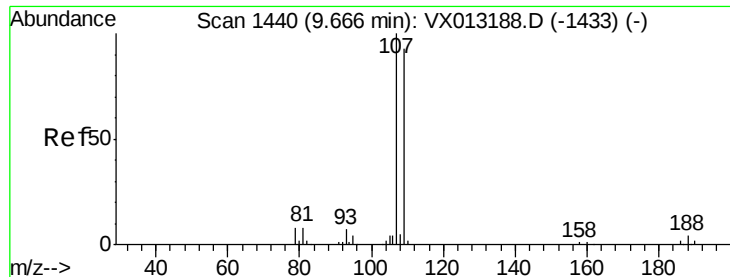
Tot Ion: 43 Resp: 166003
Ion Ratio Lower Upper
43 100
58 57.1 28.2 84.7



#60
Dibromochloromethane
Concen: 19.241 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion:129 Resp: 33361
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.674 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

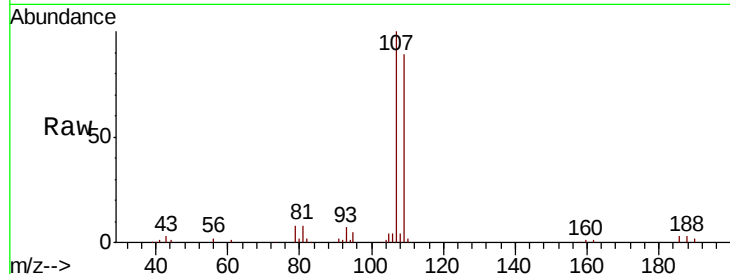
VX1024WBS02

Tot Ion:107 Resp: 34559

Ion Ratio Lower Upper

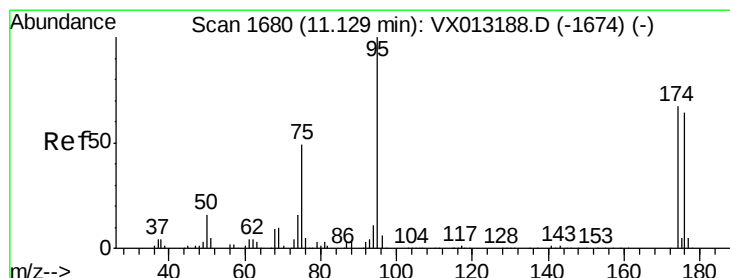
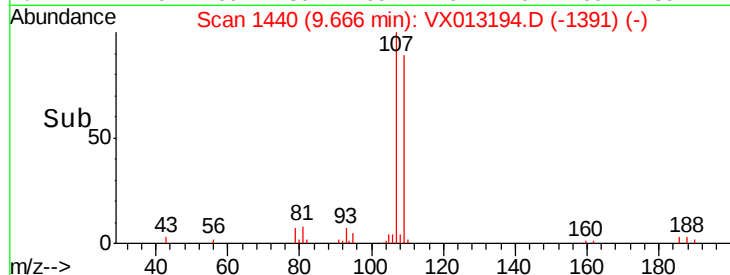
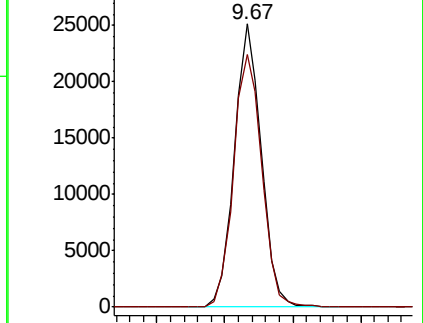
107 100

109 93.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.503 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

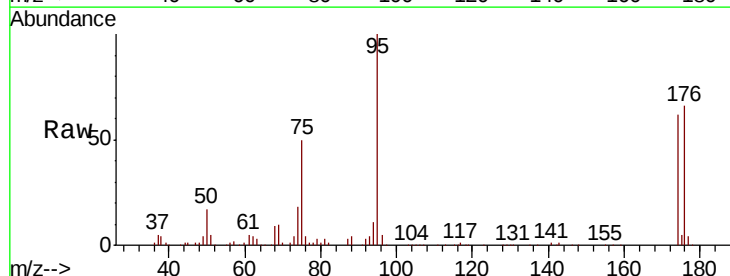
Tgt Ion: 95 Resp: 103862

Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.4

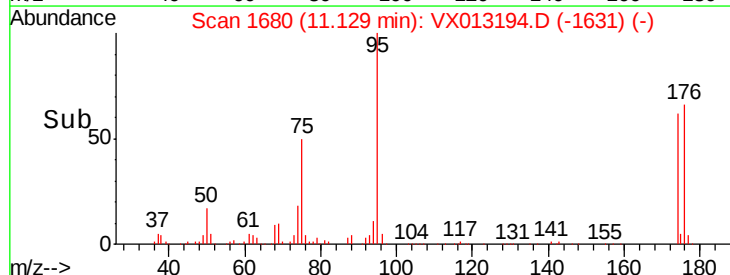
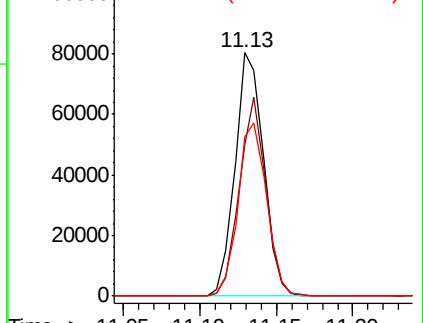
176 71.8 0.0 146.0

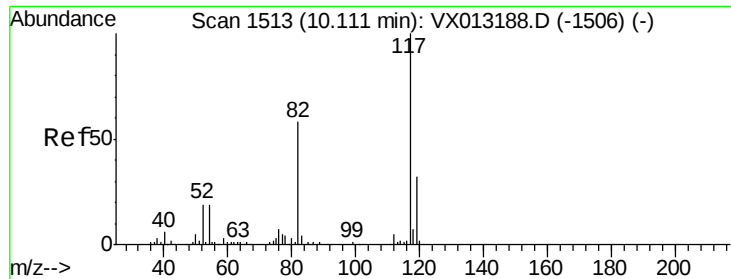


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

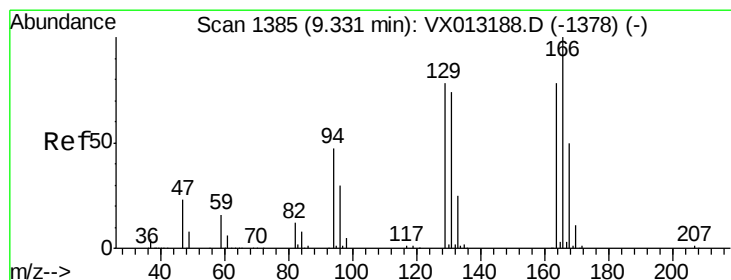
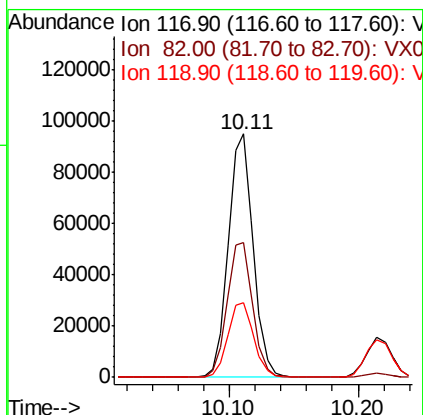
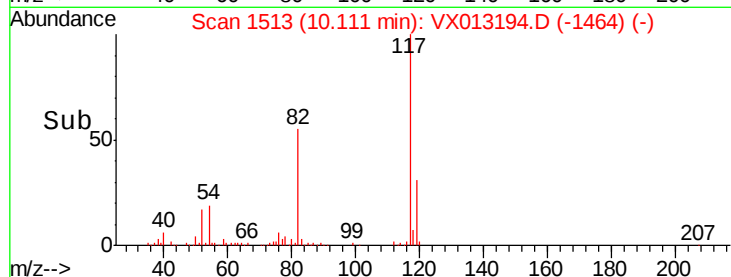
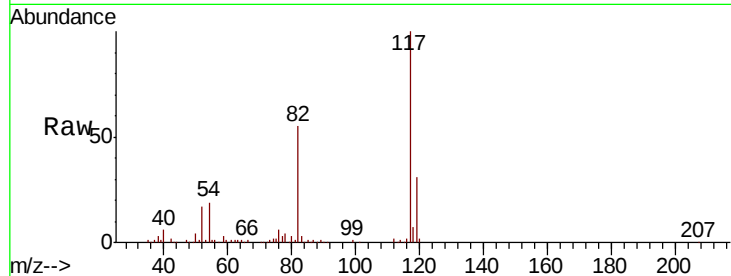




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

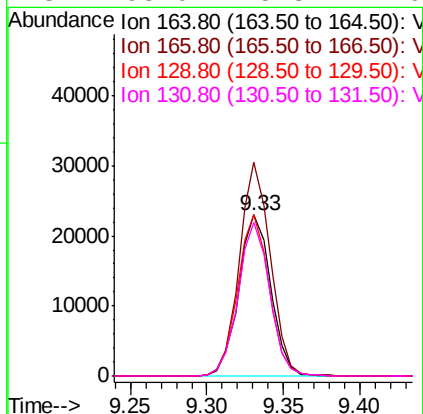
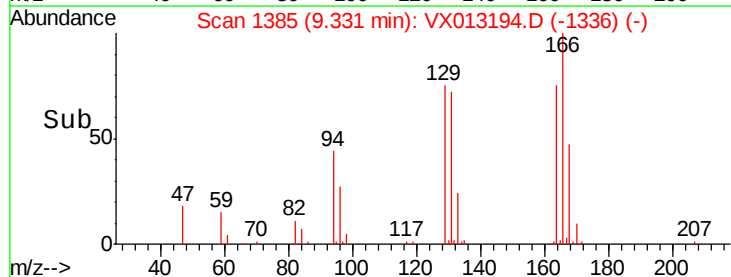
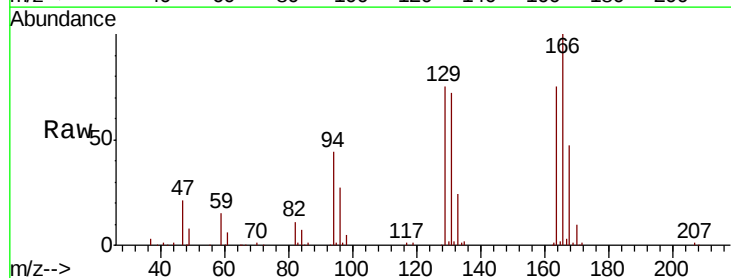
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

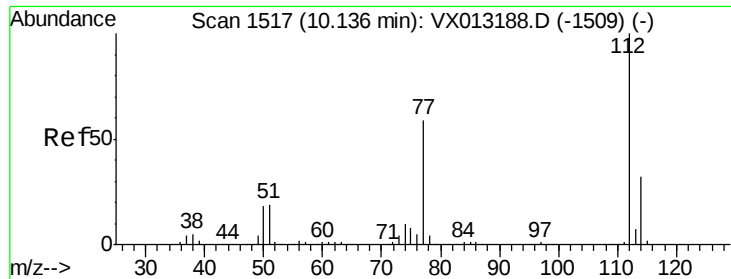
Tot Ion:117 Resp: 128769
Ion Ratio Lower Upper
117 100
82 55.5 46.5 69.7
119 30.5 25.2 37.8



#64
Tetrachloroethene
Concen: 19.867 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion:164 Resp: 33411
Ion Ratio Lower Upper
164 100
166 132.5 102.2 153.4
129 99.8 79.8 119.8
131 95.0 75.3 112.9

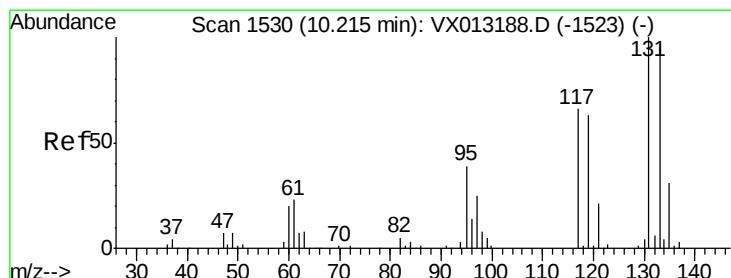
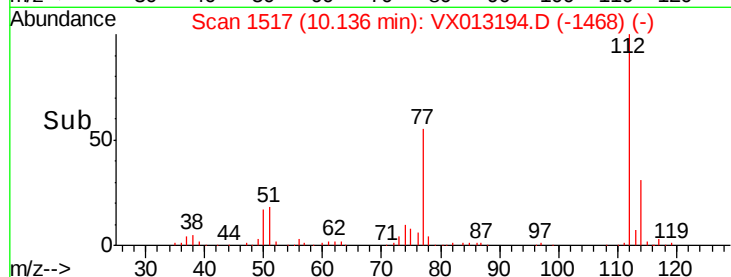
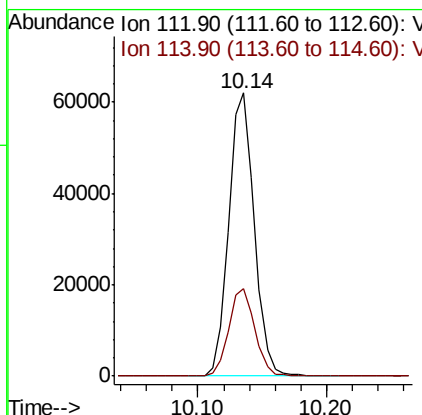
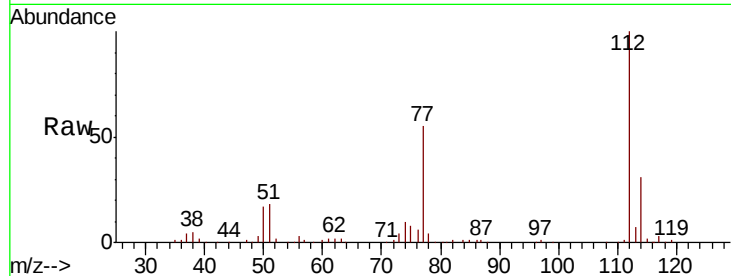




#65
Chlorobenzene
Concen: 19.060 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

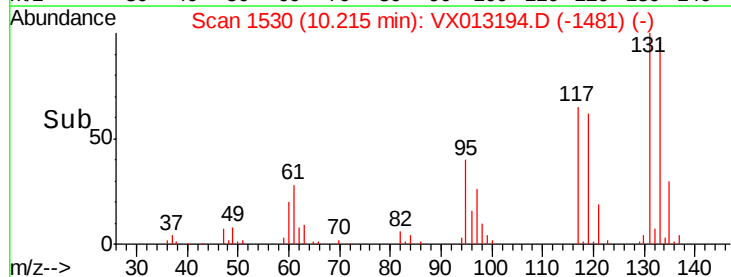
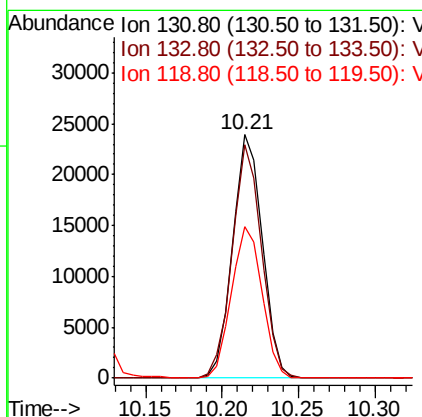
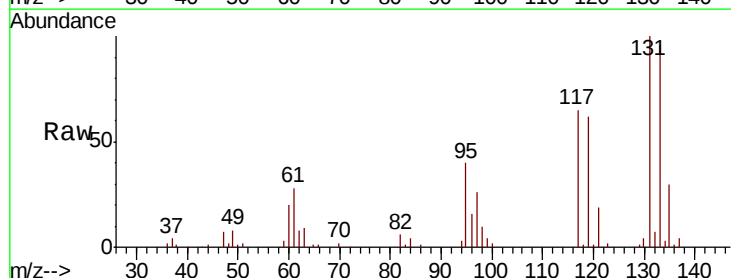
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

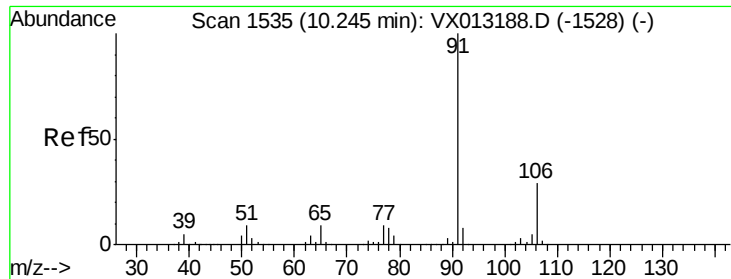
Tot Ion:112 Resp: 85917
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.419 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion:131 Resp: 32336
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.2
119 63.9 32.4 97.0

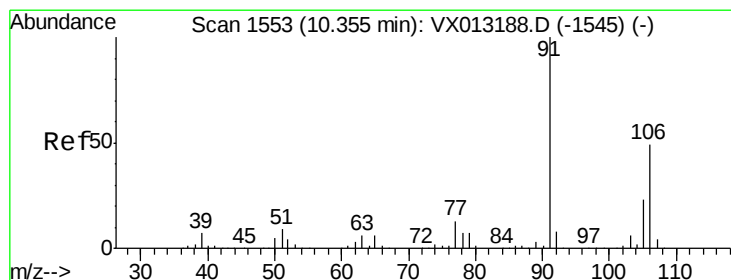
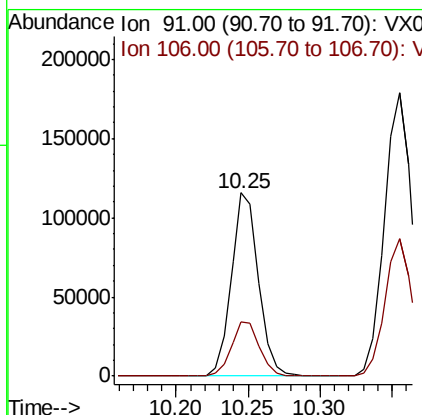
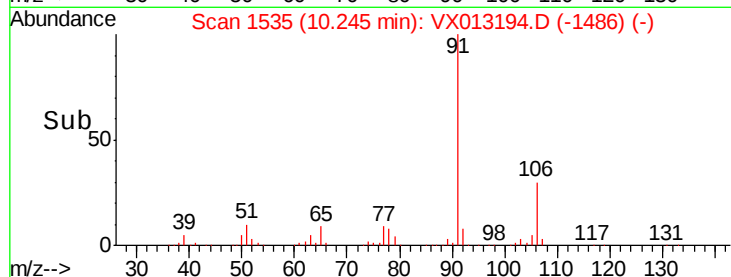
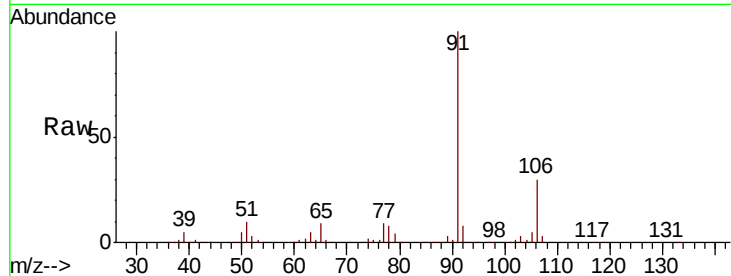




#67
Ethyl Benzene
Concen: 18.934 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

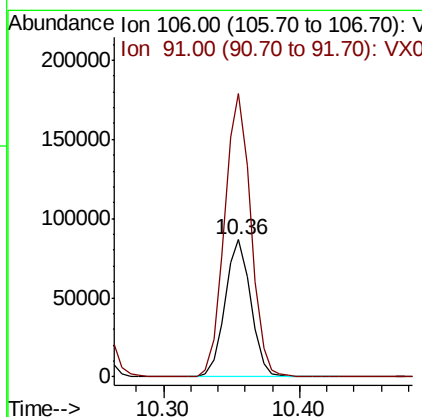
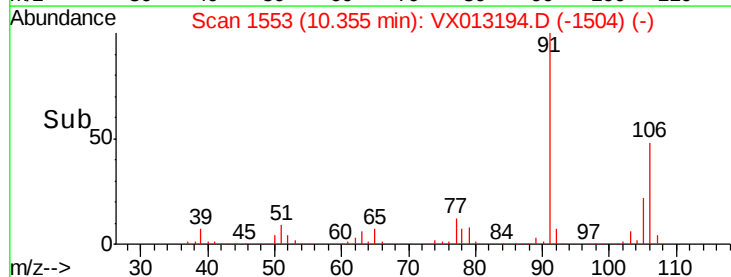
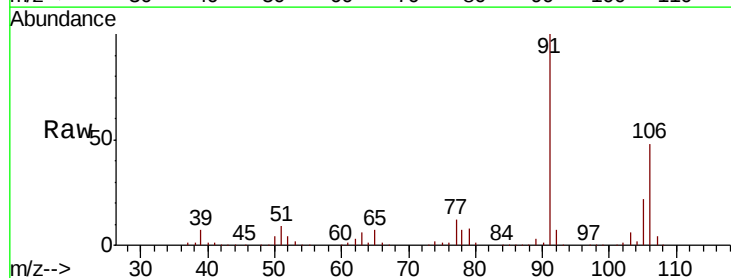
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

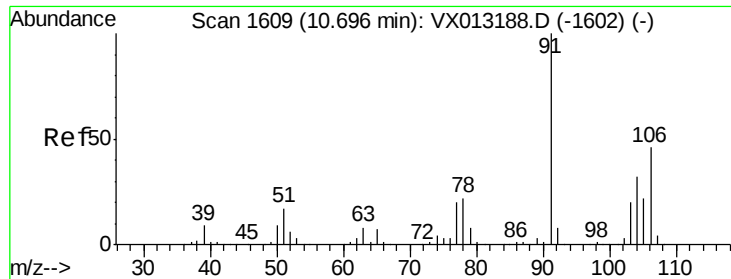
Tot Ion: 91 Resp: 152789
Ion Ratio Lower Upper
91 100
106 29.9 23.5 35.3



#68
m/p-Xylenes
Concen: 37.404 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 106 Resp: 114070
Ion Ratio Lower Upper
106 100
91 209.9 166.8 250.2

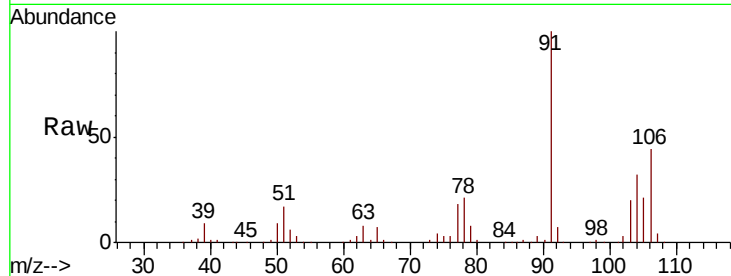




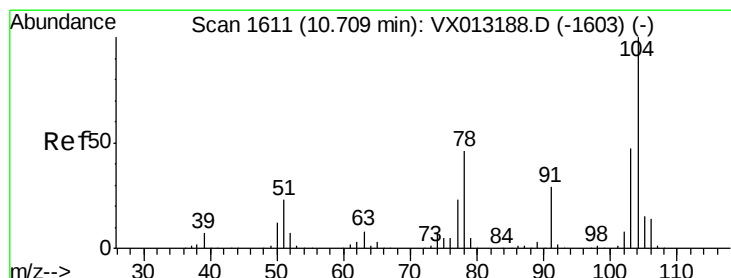
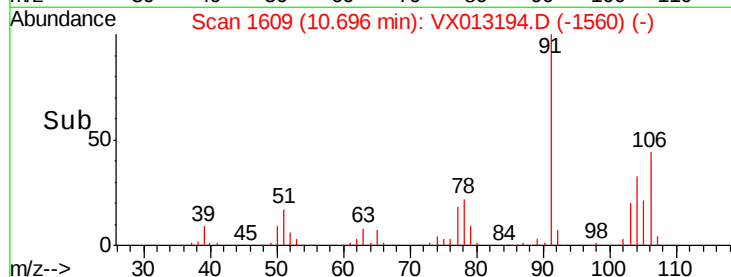
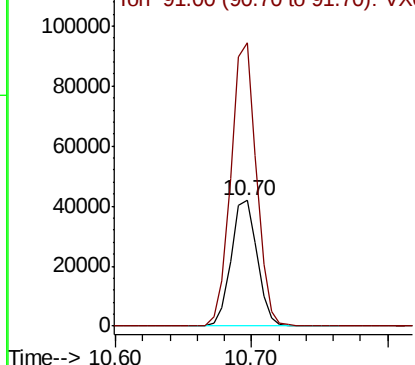
#69
o-Xylene
Concen: 19.113 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampled :
VX1024WBS02

Tot Ion:106 Resp: 55916
Ion Ratio Lower Upper
106 100
91 220.3 110.7 331.9

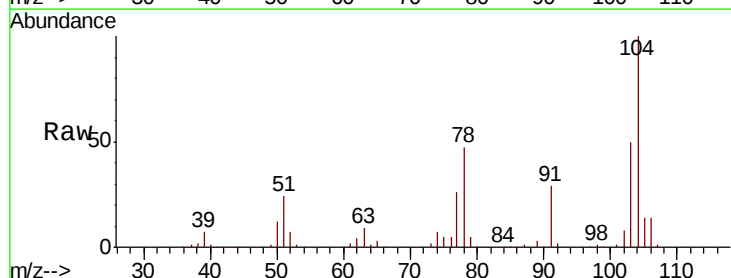


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

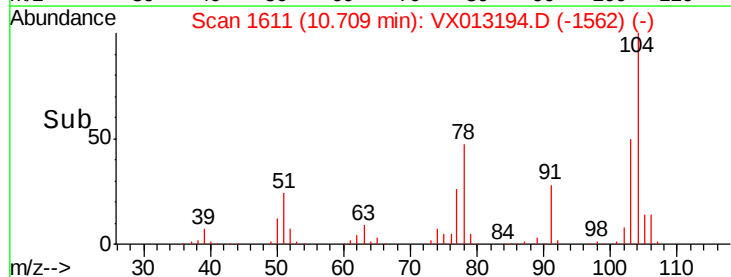
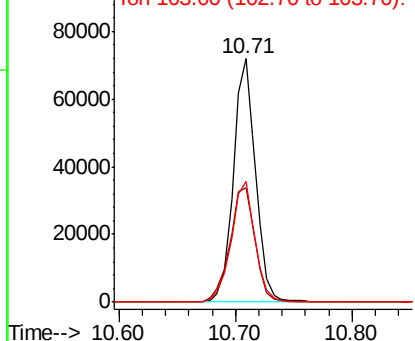


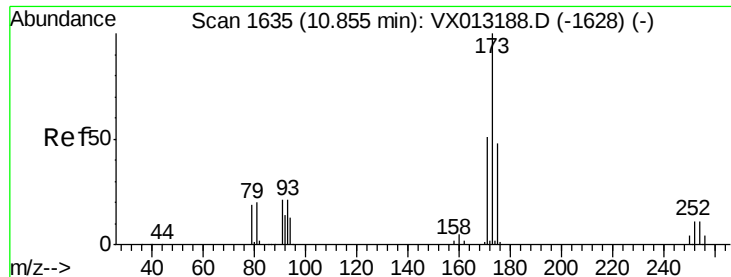
#70
Styrene
Concen: 18.858 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion:104 Resp: 94999
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.4
103 53.1 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: 18.838 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

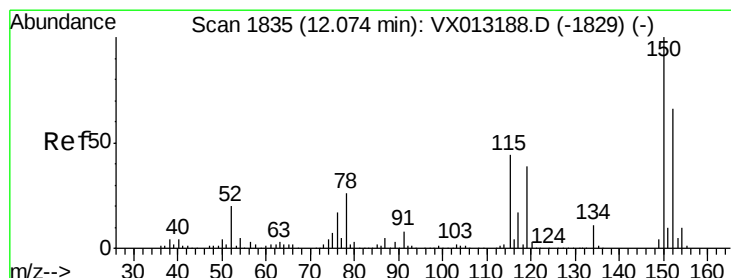
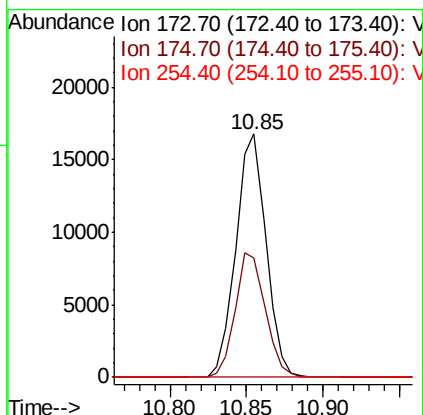
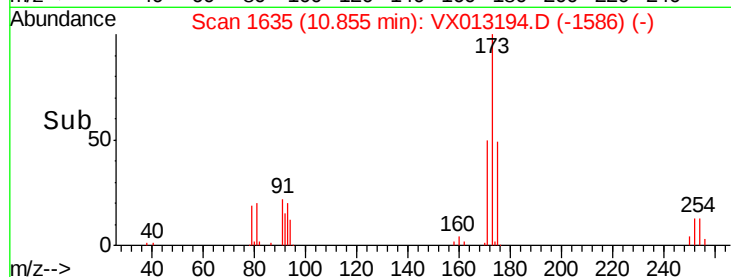
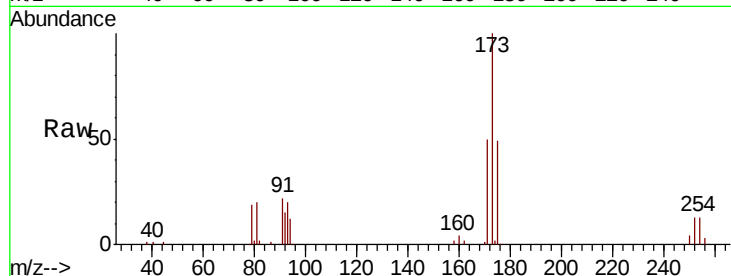
Tot Ion:173 Resp: 22921

Ion Ratio Lower Upper

173 100

175 51.0 24.3 72.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

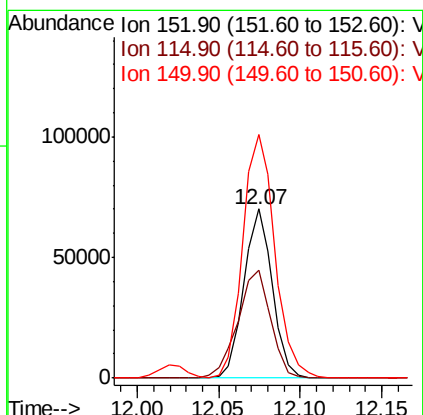
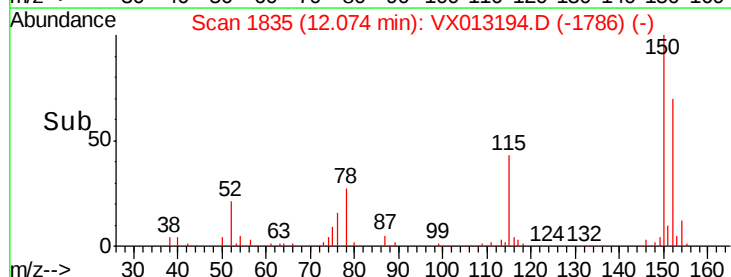
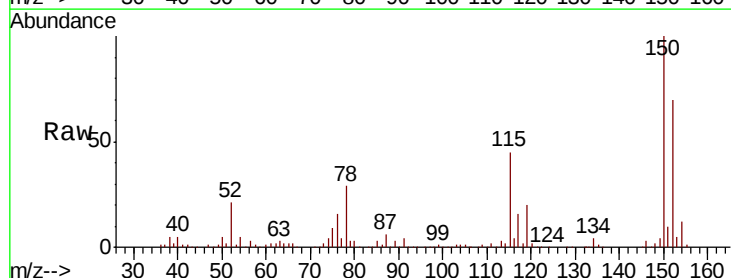
Tgt Ion:152 Resp: 85455

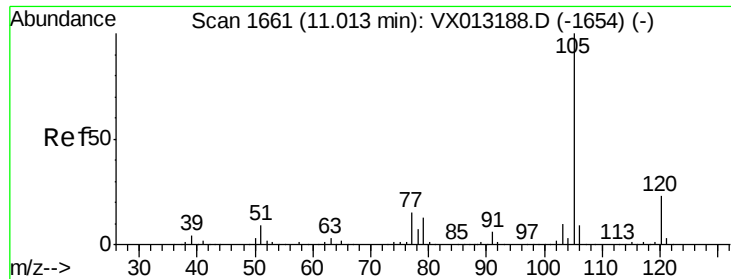
Ion Ratio Lower Upper

152 100

115 73.6 46.6 139.8

150 162.3 0.0 354.0





#73

Isopropylbenzene

Concen: 19.762 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

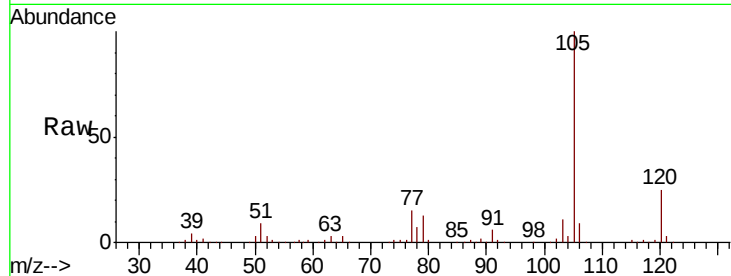
VX1024WBS02

Tot Ion:105 Resp: 153353

Ion Ratio Lower Upper

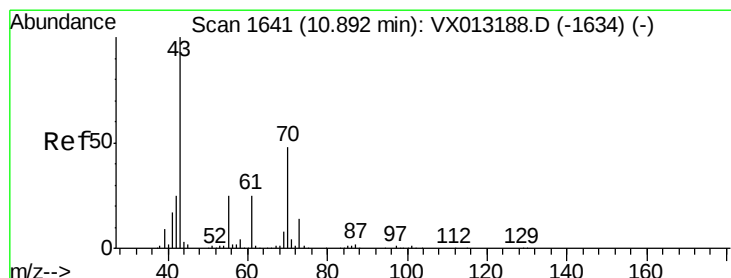
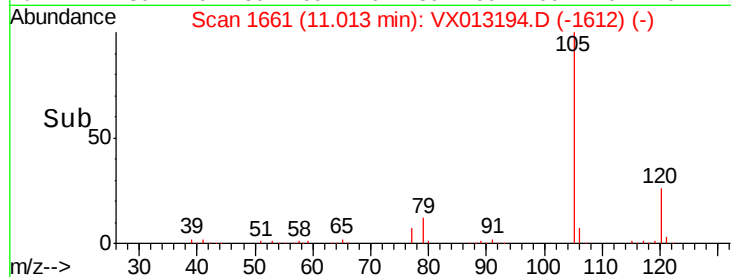
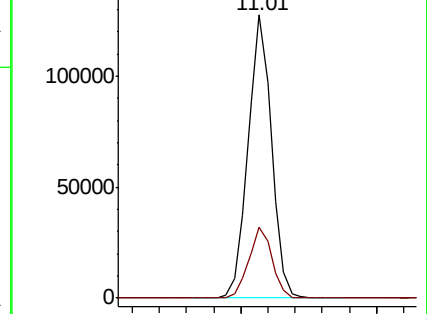
105 100

120 24.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.155 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion: 43 Resp: 57405

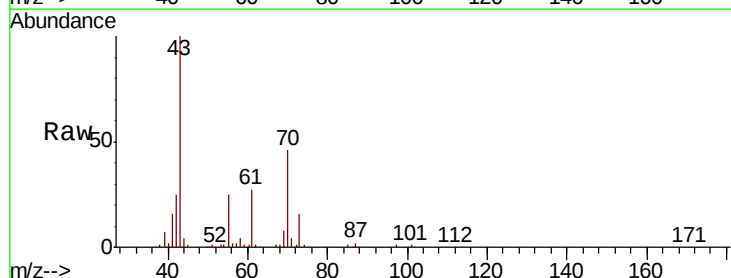
Ion Ratio Lower Upper

43 100

70 47.5 38.5 57.7

55 25.3 20.7 31.1

61 26.1 20.8 31.2

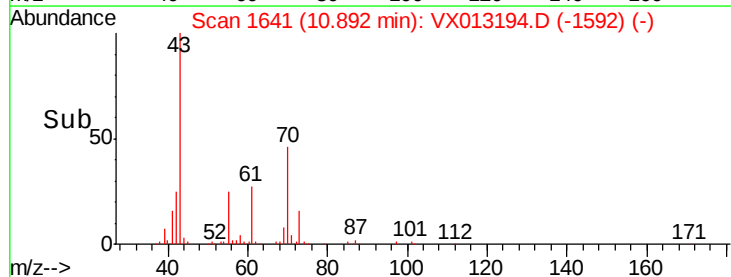
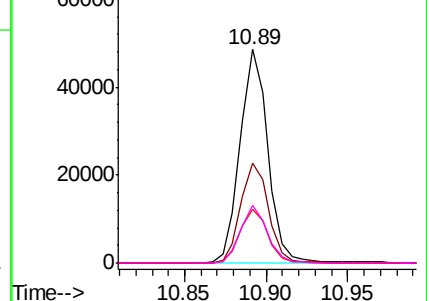


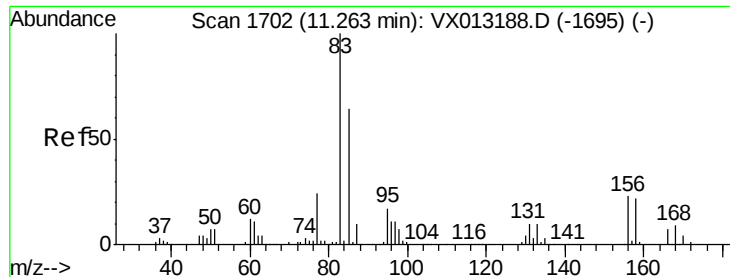
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.207 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

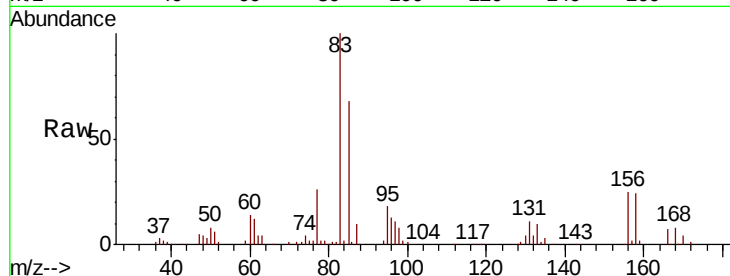
Tot Ion: 83 Resp: 47612

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

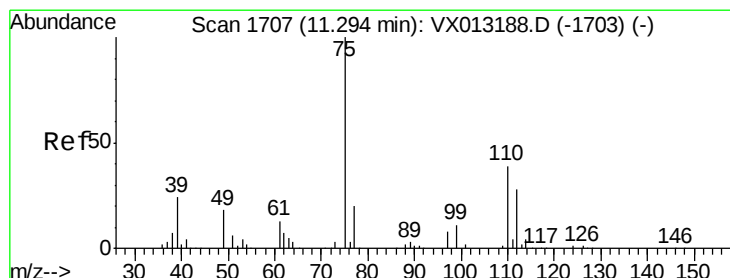
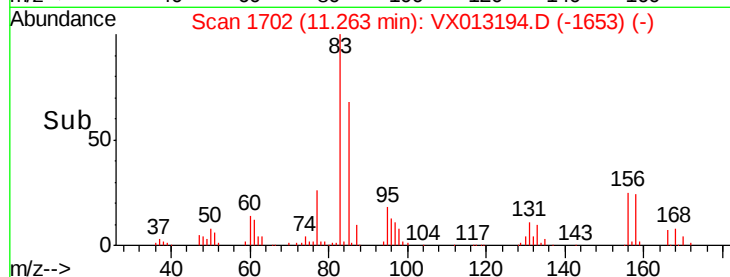
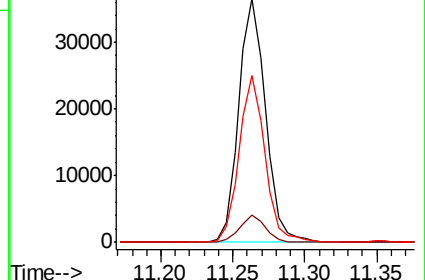
85 65.8 31.4 94.3



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: 26.136 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013194.D

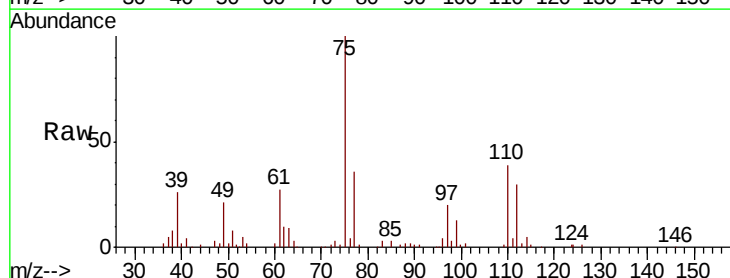
Acq: 23 Oct 2019 18:09

Tgt Ion: 75 Resp: 53831

Ion Ratio Lower Upper

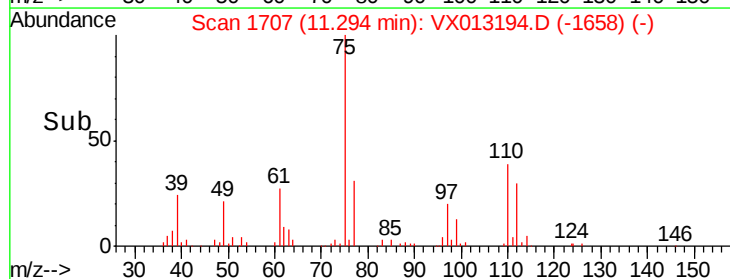
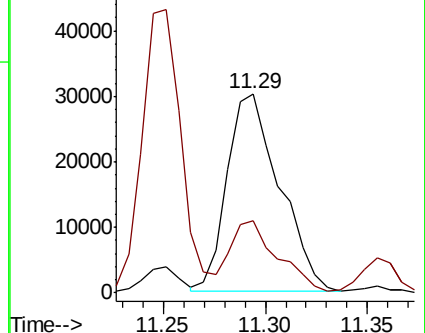
75 100

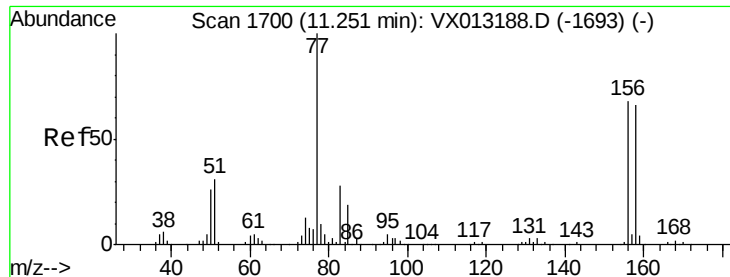
77 32.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.402 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

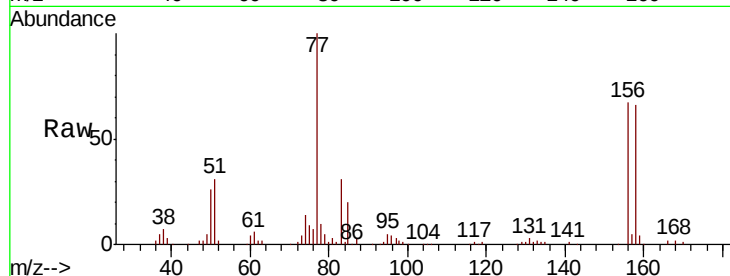
Tot Ion:156 Resp: 36086

Ion Ratio Lower Upper

156 100

77 159.5 81.7 245.1

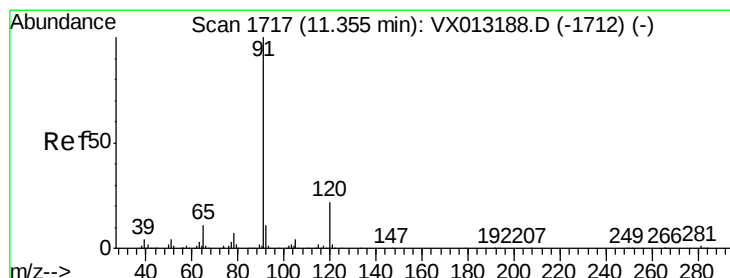
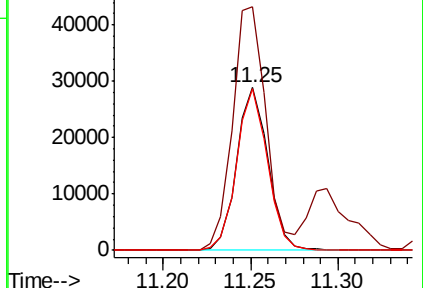
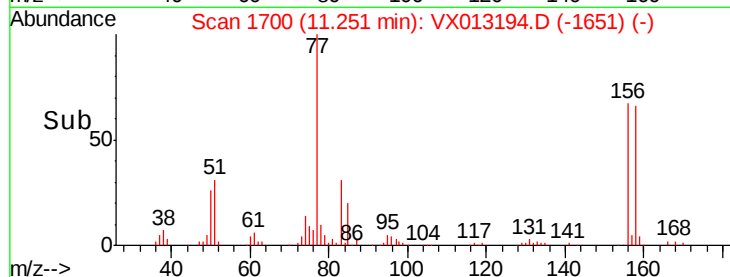
158 97.2 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.245 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013194.D

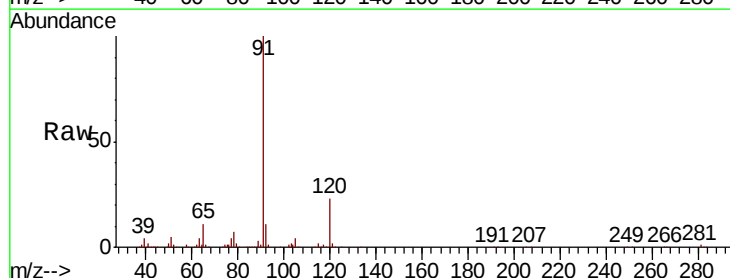
Acq: 23 Oct 2019 18:09

Tgt Ion: 91 Resp: 162222

Ion Ratio Lower Upper

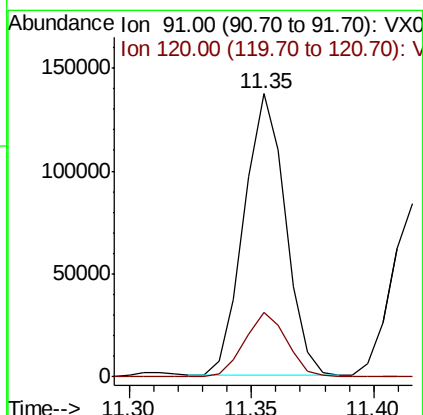
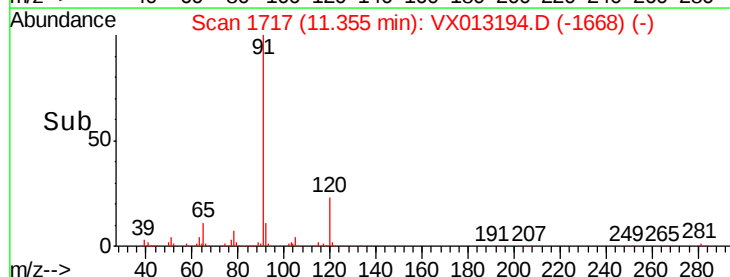
91 100

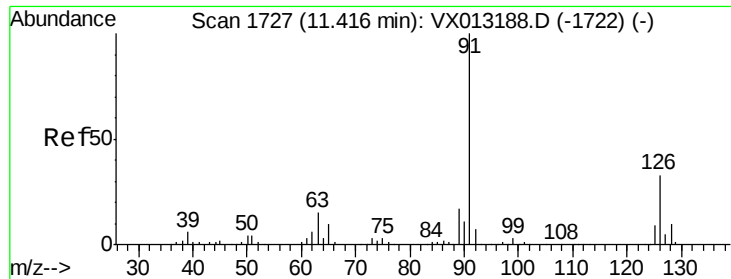
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

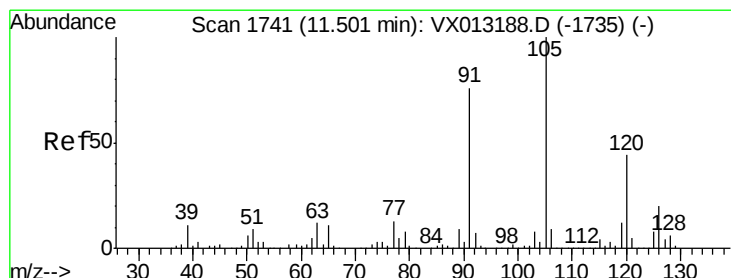
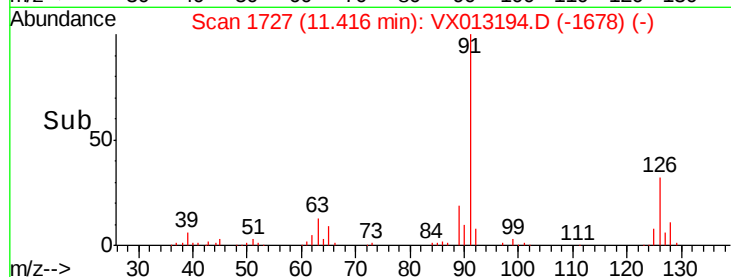
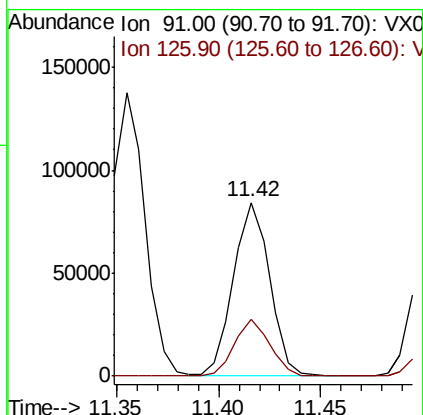
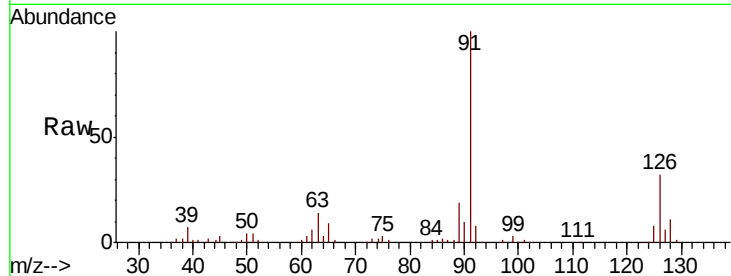




#79
 2-Chlorotoluene
 Concen: 19.463 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

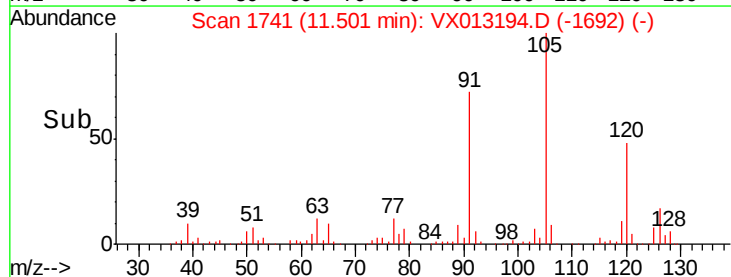
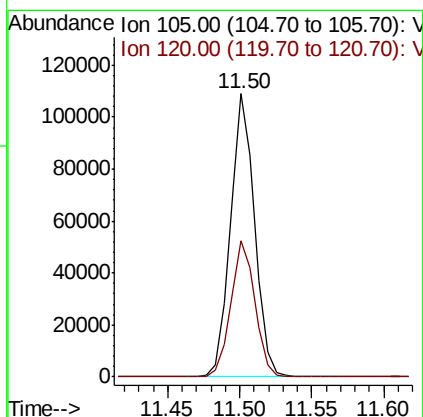
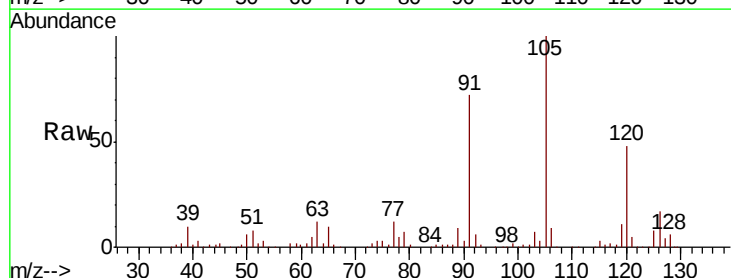
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

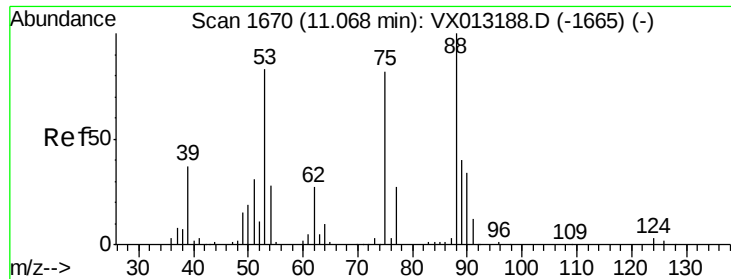
Tot Ion: 91 Resp: 103656
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.886 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion: 105 Resp: 128266
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.673 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

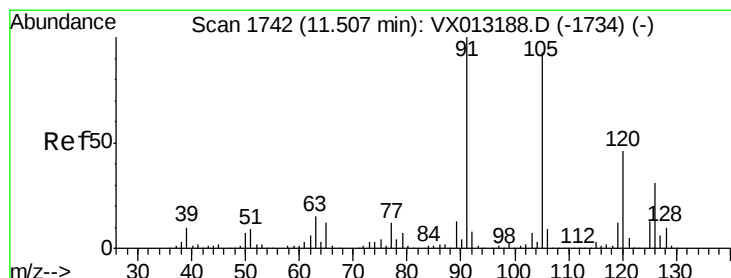
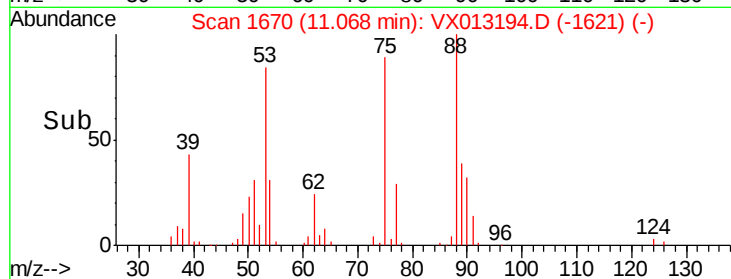
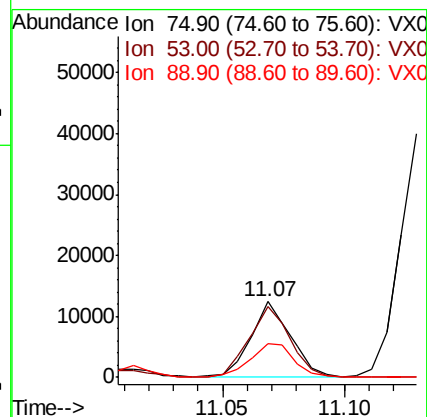
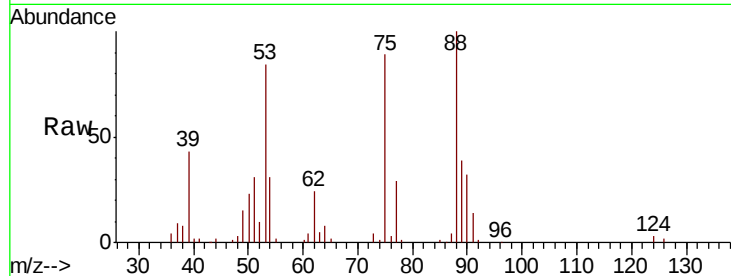
Tot Ion: 75 Resp: 13996

Ion Ratio Lower Upper

75 100

53 98.8 77.9 116.9

89 49.9 37.3 55.9



#82

4-Chlorotoluene

Concen: 19.858 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013194.D

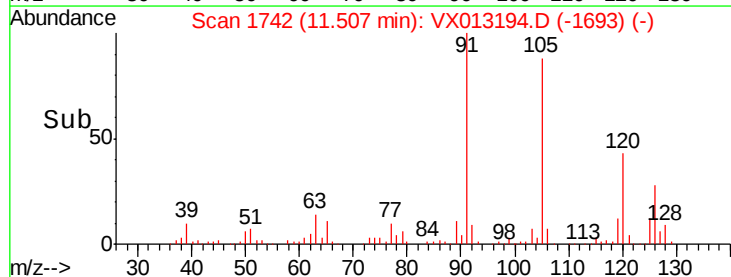
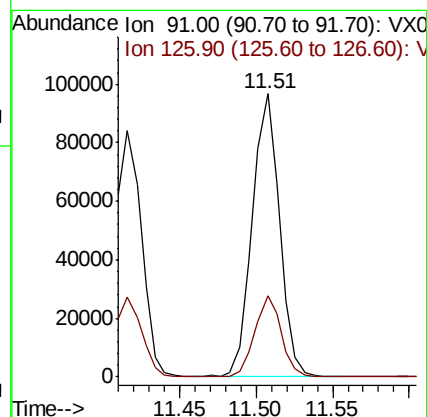
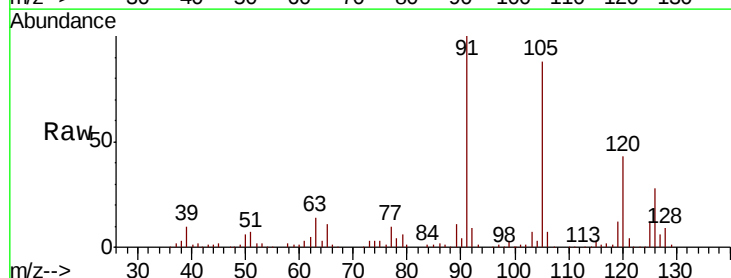
Acq: 23 Oct 2019 18:09

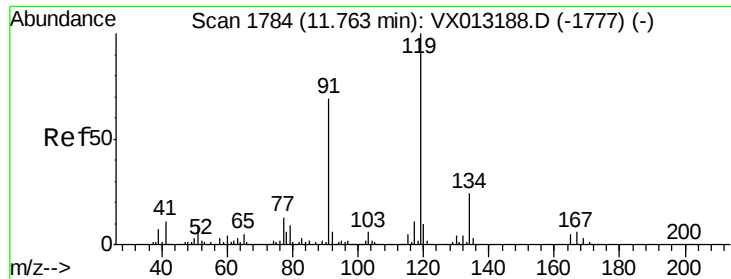
Tgt Ion: 91 Resp: 119834

Ion Ratio Lower Upper

91 100

126 27.8 14.6 44.0

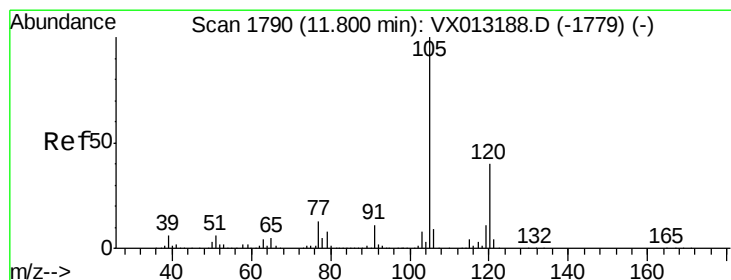
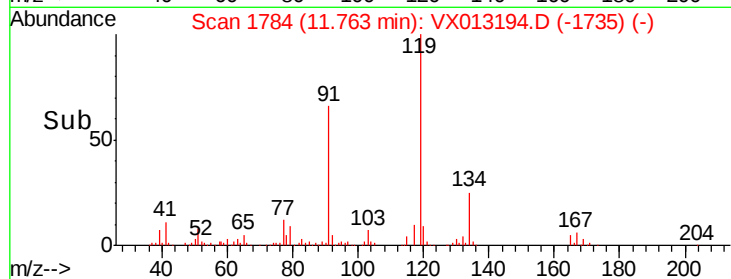
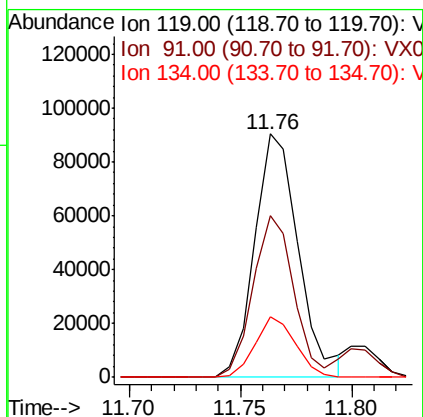
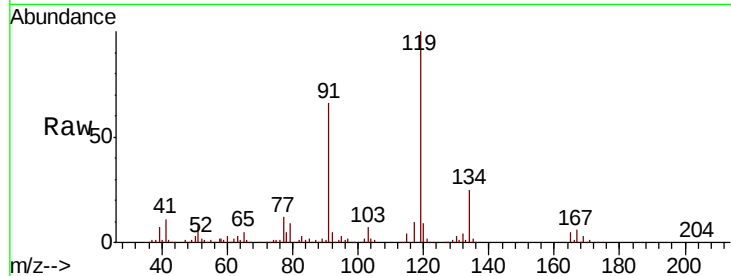




#83
tert-Butylbenzene
Concen: 19.359 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

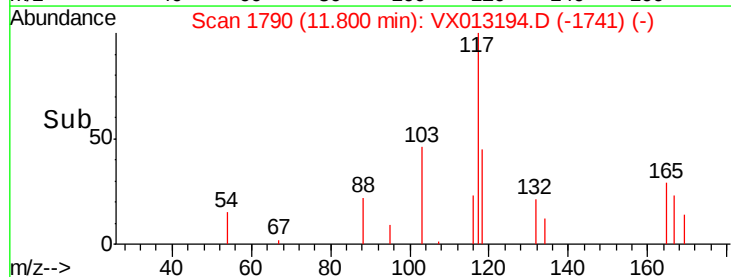
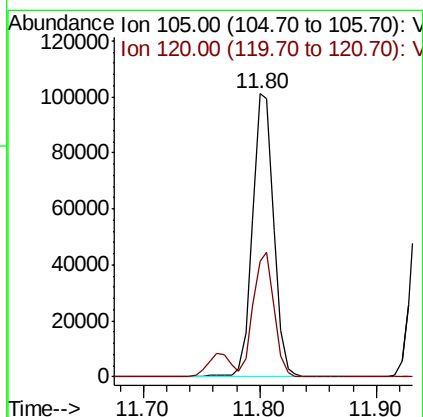
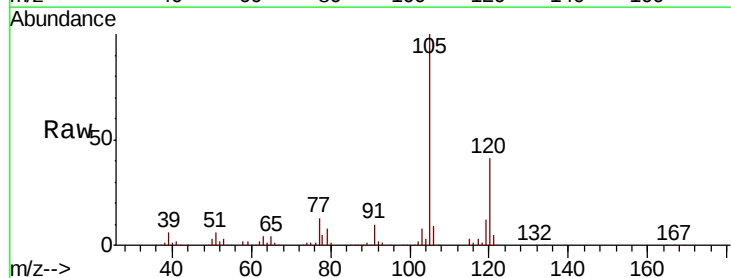
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

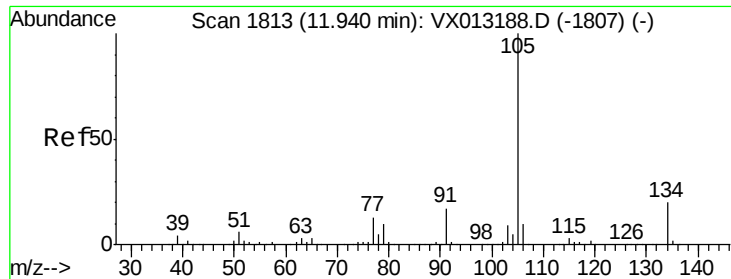
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	30.8	92.4
134	22.9	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 19.759 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.4	64.3





#85

sec-Butylbenzene

Concen: 19.558 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

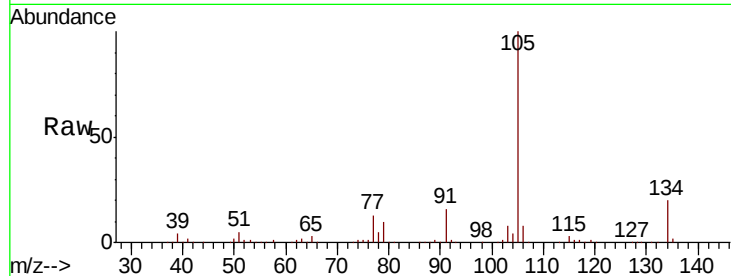
VX1024WBS02

Tot Ion:105 Resp: 142031

Ion Ratio Lower Upper

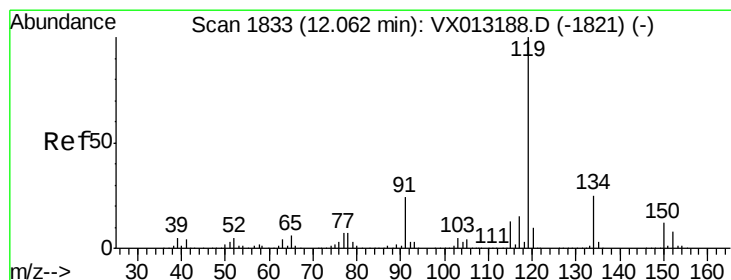
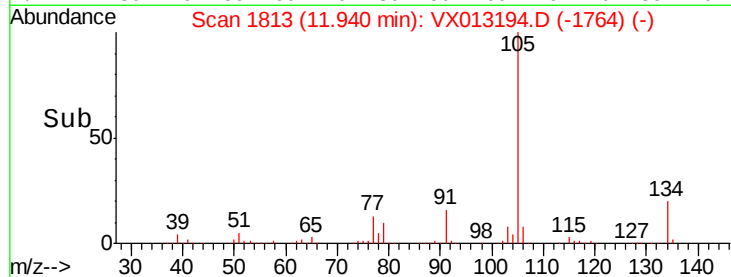
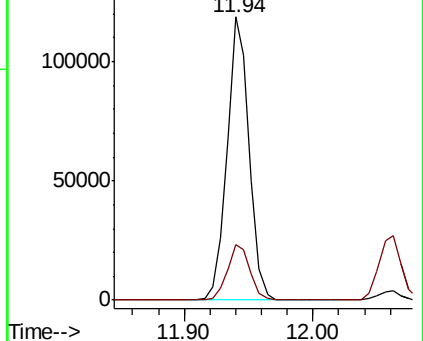
105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.434 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

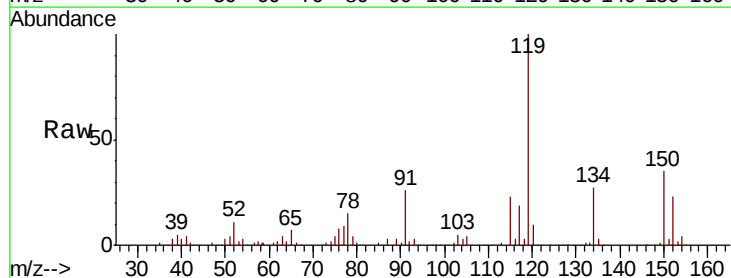
Tgt Ion:119 Resp: 125767

Ion Ratio Lower Upper

119 100

134 25.8 12.5 37.5

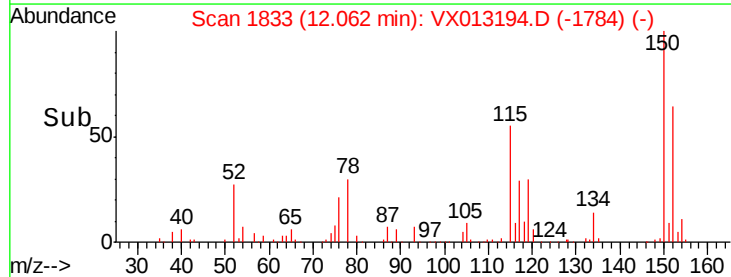
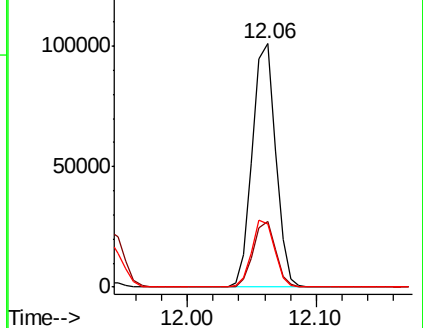
91 26.7 12.4 37.2

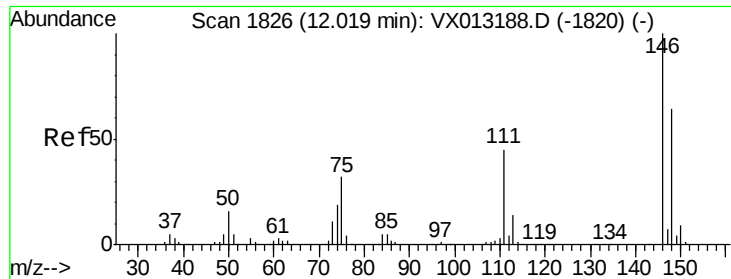


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

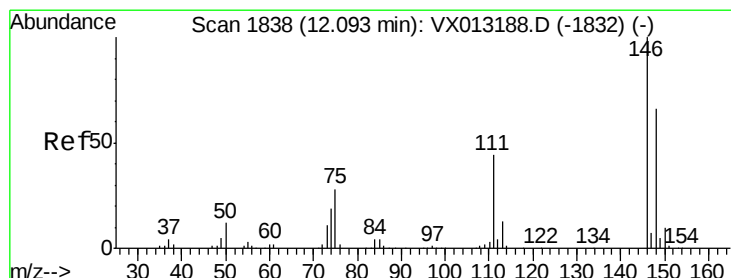
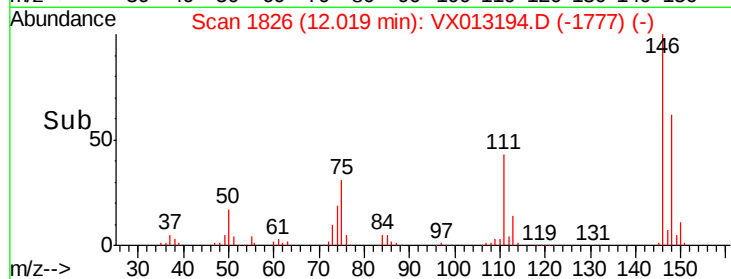
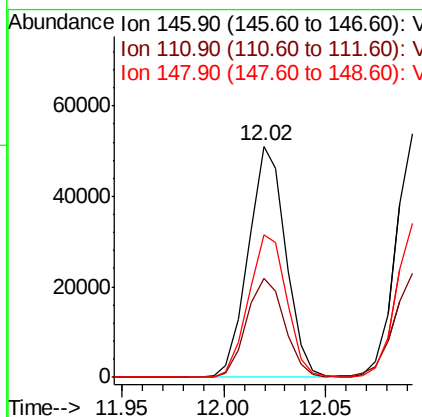
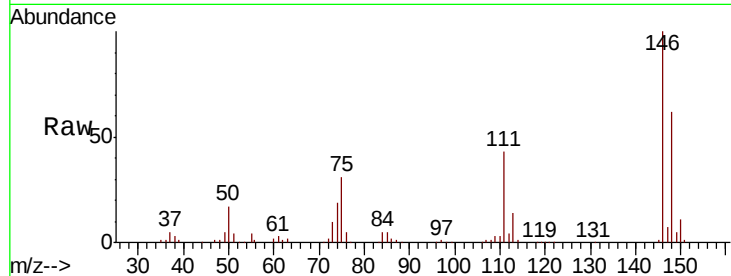




#87
 1,3-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

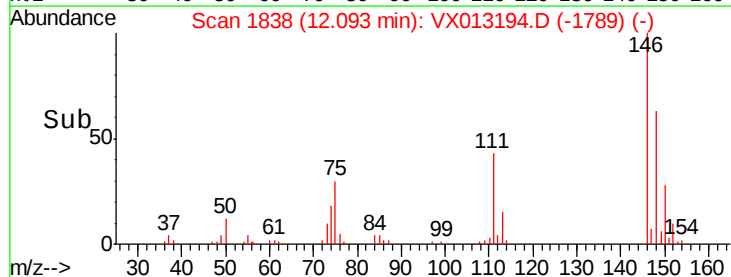
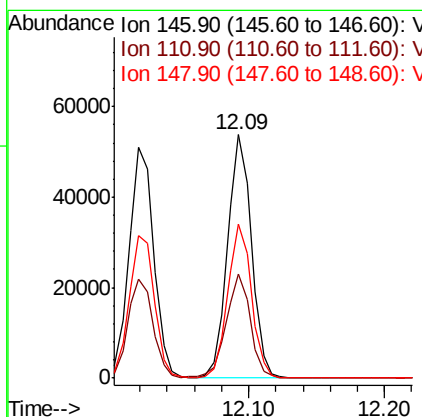
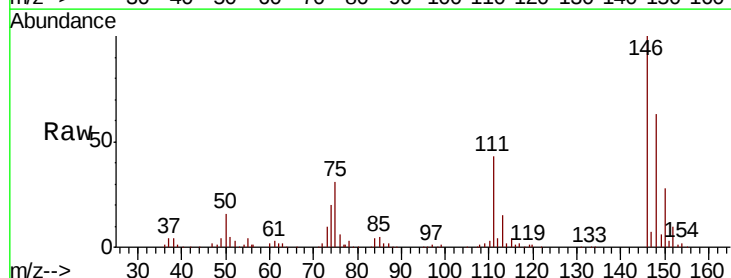
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

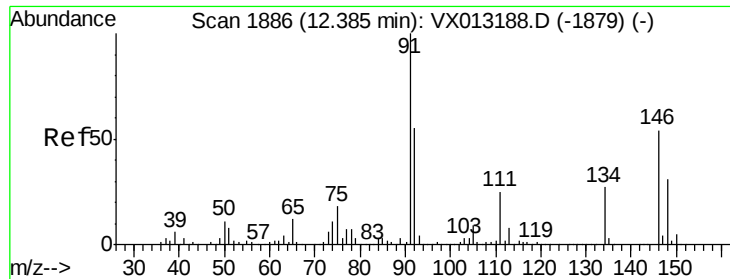
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.3	63.9
148	62.8	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.196 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.9
148	63.1	32.5	97.5





#89

n-Butylbenzene

Concen: 18.977 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

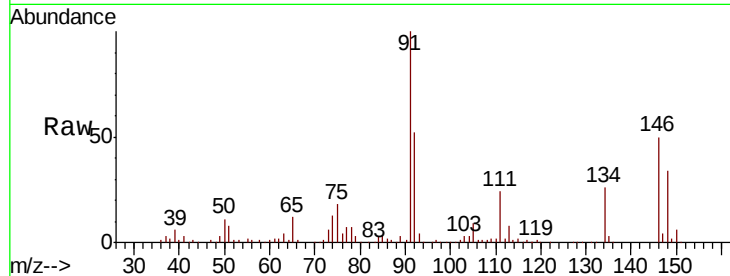
Tot Ion: 91 Resp: 105913

Ion Ratio Lower Upper

91 100

92 55.2 27.7 83.1

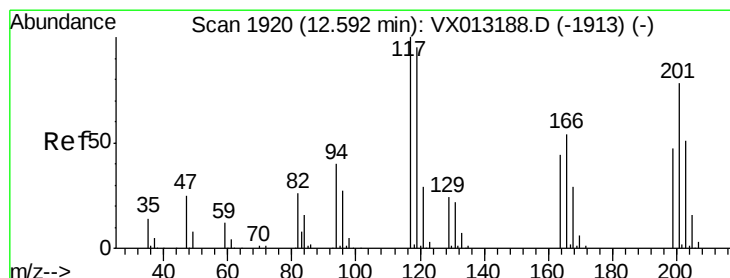
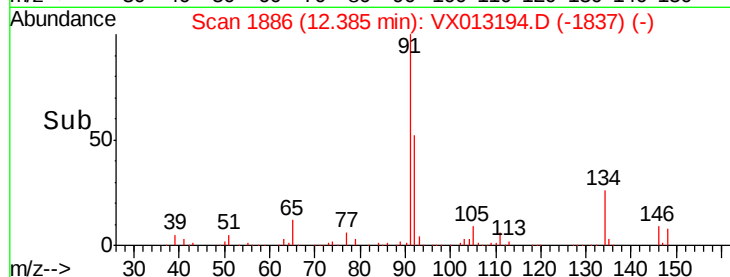
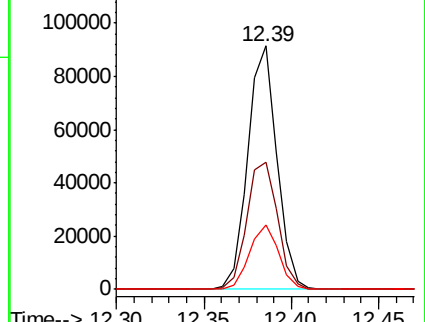
134 26.5 13.2 39.6



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

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

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



#90

Hexachloroethane

Concen: 18.908 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013194.D

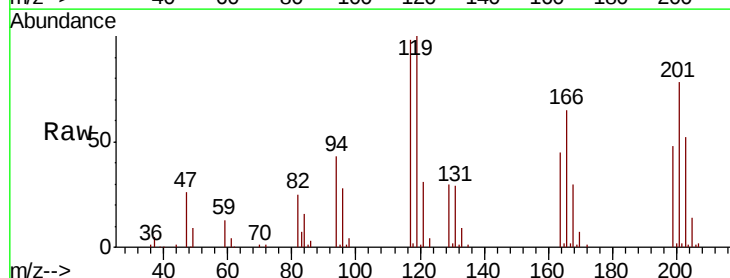
Acq: 23 Oct 2019 18:09

Tgt Ion: 117 Resp: 21603

Ion Ratio Lower Upper

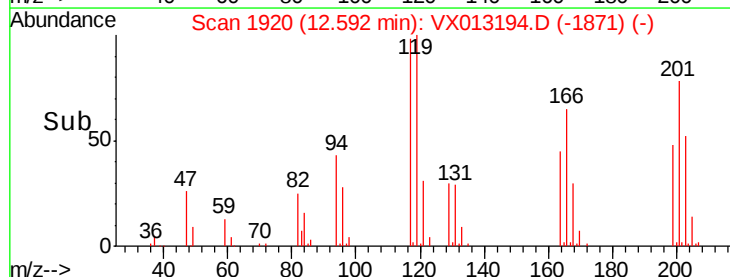
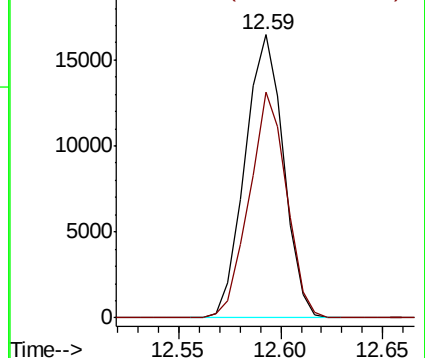
117 100

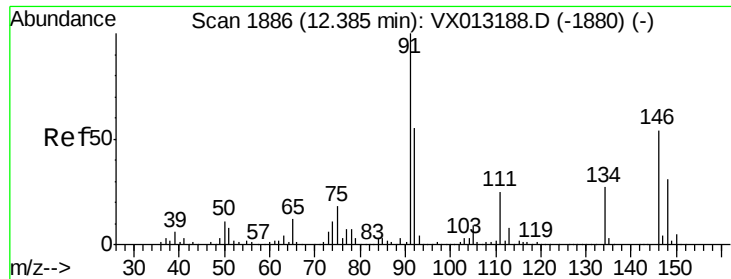
201 77.3 39.0 116.9



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

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





#91

1,2-Dichlorobenzene

Concen: 18.534 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

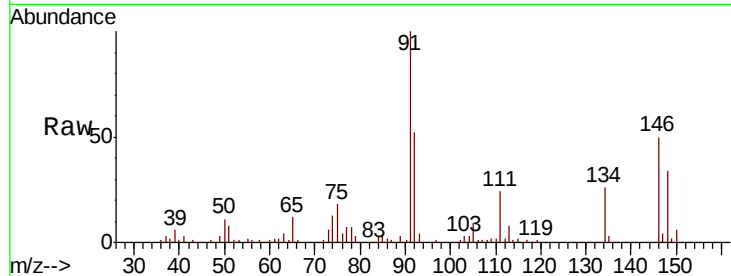
Tot Ion:146 Resp: 61237

Ion Ratio Lower Upper

146 100

111 46.3 22.9 68.8

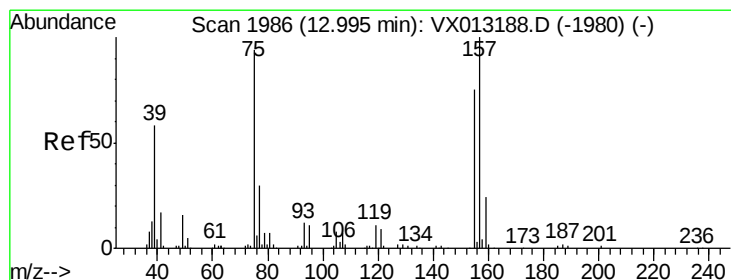
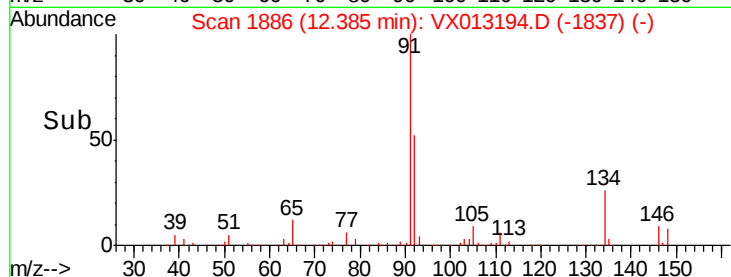
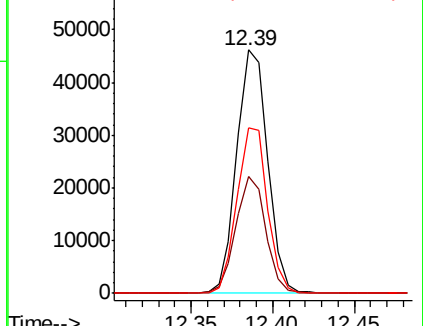
148 66.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.306 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

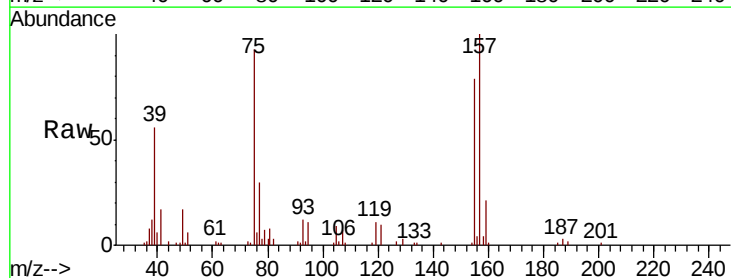
Tgt Ion: 75 Resp: 11312

Ion Ratio Lower Upper

75 100

155 88.4 42.8 128.4

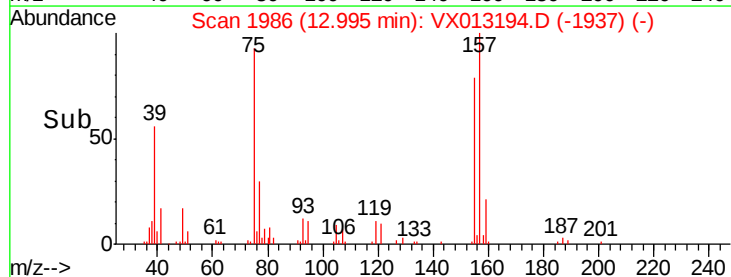
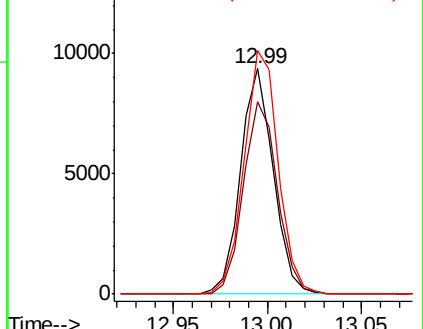
157 112.1 54.3 162.8

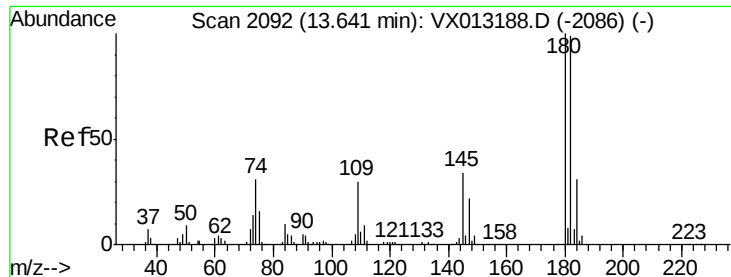


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

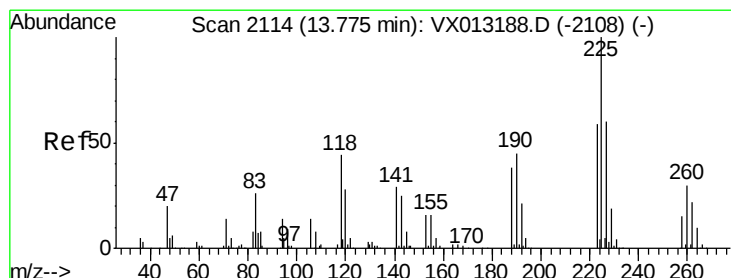
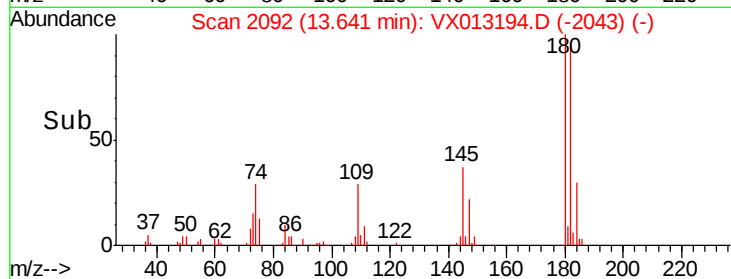
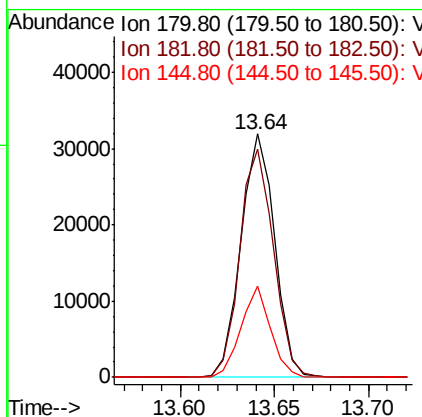
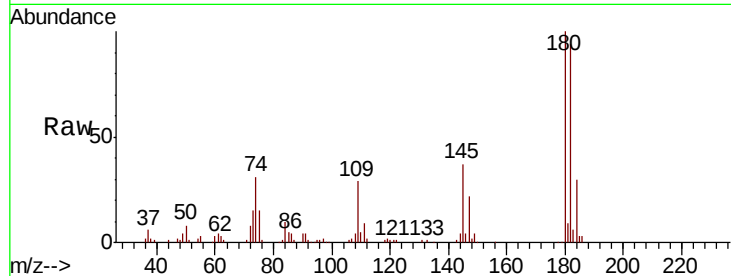




#93
 1,2,4-Trichlorobenzene
 Concen: 19.023 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

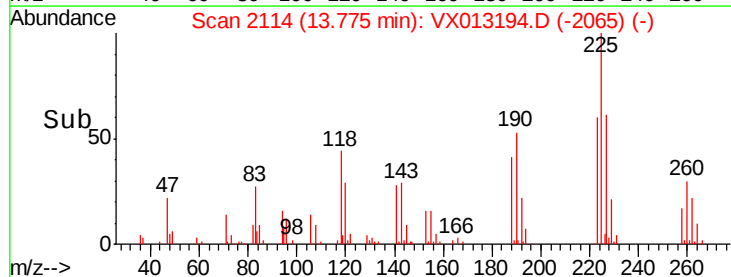
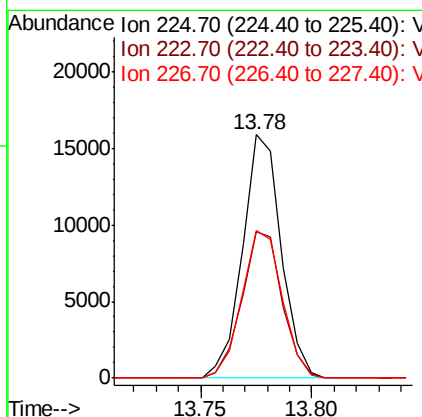
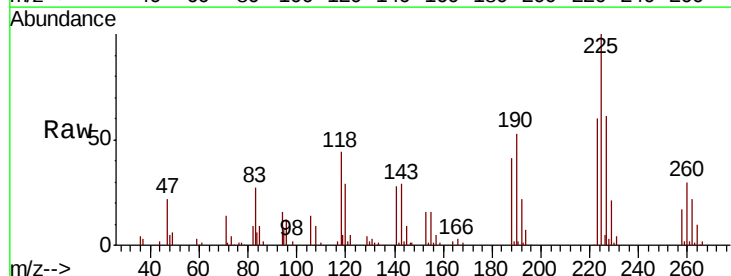
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

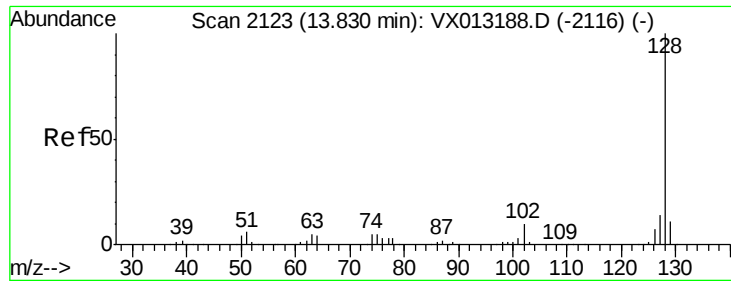
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	45.9	137.6
145	33.3	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 17.937 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.9	92.5
227	63.2	30.3	90.9

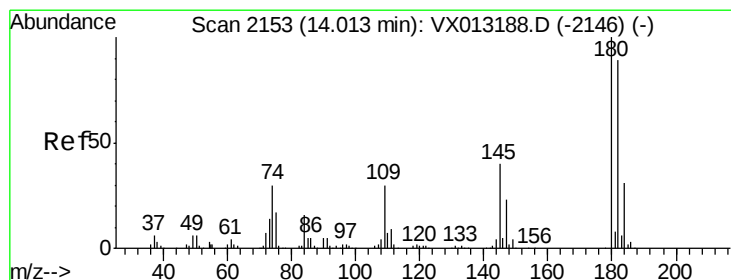
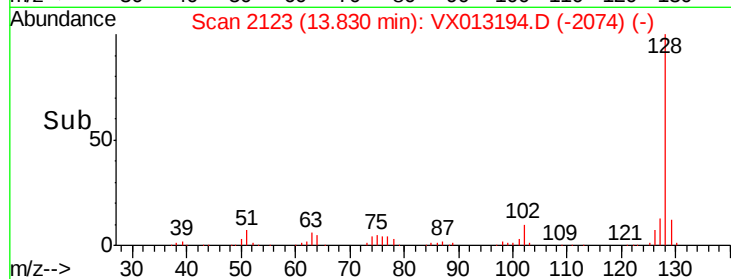
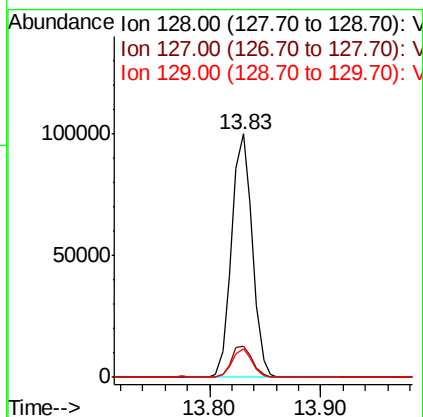
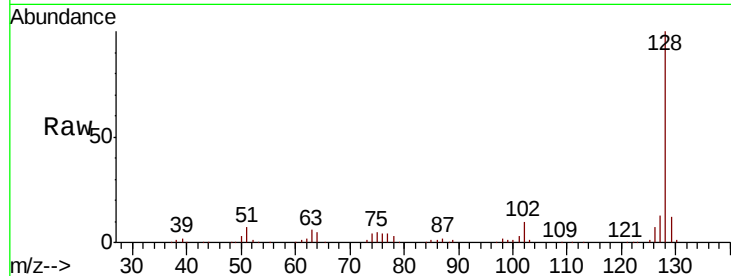




#95
Naphthalene
Concen: 20.112 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion:128 Resp: 128422
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.405 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion:180 Resp: 41951
Ion Ratio Lower Upper
180 100
182 93.0 48.3 144.9
145 32.3 18.6 55.6

