

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004653.D
 Acq On : 18 Sep 2018 13:09
 Operator : JC/MD
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:23:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	82079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	113125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	95780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	52305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	48430	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	5.50	113	41360	39.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.90%	
50) Toluene-d8	8.71	98	163659	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
62) 4-Bromofluorobenzene	11.14	95	52068	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	17595	22.873	ug/l	98
3) Chloromethane	1.32	50	20790	19.638	ug/l #	88
4) Vinyl Chloride	1.40	62	22224	20.454	ug/l	98
5) Bromomethane	1.63	94	10944	23.427	ug/l	93
6) Chloroethane	1.70	64	12896	18.353	ug/l	97
7) Trichlorofluoromethane	1.92	101	32084	22.274	ug/l	89
8) Diethyl Ether	2.18	74	12509	19.371	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21611	23.650	ug/l	99
10) Methyl Iodide	2.50	142	14339	16.266	ug/l	98
11) Tert butyl alcohol	3.09	59	49870	197.479	ug/l	99
12) 1,1-Dichloroethene	2.37	96	17910	20.883	ug/l	95
13) Acrolein	2.30	56	9562	95.921	ug/l	91
14) Allyl chloride	2.72	41	37168	21.080	ug/l	90
15) Acrylonitrile	3.15	53	94855	155.978	ug/l	99
16) Acetone	2.45	43	84852	164.268	ug/l	98
17) Carbon Disulfide	2.56	76	47769	19.270	ug/l	99
18) Methyl Acetate	2.78	43	46321	31.963	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	54937	18.256	ug/l	97
20) Methylene Chloride	2.85	84	19334	18.246	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	18399	19.415	ug/l	90
22) Diisopropyl ether	3.87	45	58325	18.367	ug/l	94
23) Vinyl Acetate	3.82	43	238793	92.922	ug/l	99
24) 1,1-Dichloroethane	3.69	63	33530	18.702	ug/l	98
25) 2-Butanone	4.70	43	131524	159.987	ug/l	92
26) 2,2-Dichloropropane	4.58	77	26813	21.774	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	19869	18.781	ug/l	97
28) Bromochloromethane	5.02	49	13804	16.832	ug/l	96
29) Tetrahydrofuran	5.16	42	78698	158.739	ug/l	97
30) Chloroform	5.21	83	31815	18.176	ug/l	95
31) Cyclohexane	5.57	56	33418	21.829	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	27971	19.841	ug/l	99
36) 1,1-Dichloropropene	5.79	75	24977	18.186	ug/l	98
37) Ethyl Acetate	4.86	43	37519	24.020	ug/l	99
38) Carbon Tetrachloride	5.78	117	24854	18.528	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004653.D
 Acq On : 18 Sep 2018 13:09
 Operator : JC/MD
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:23:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34168	23.841	ug/l	90
40) Benzene	6.14	78	74862	18.371	ug/l	100
41) Methacrylonitrile	5.06	41	19565	22.733	ug/l	99
42) 1,2-Dichloroethane	6.20	62	22722	16.812	ug/l	100
43) Isopropyl Acetate	6.47	43	44609	21.502	ug/l	99
44) Trichloroethene	7.21	130	20792	19.640	ug/l	93
45) 1,2-Dichloropropane	7.52	63	17938	18.294	ug/l	100
46) Dibromomethane	7.66	93	10547	17.026	ug/l	96
47) Bromodichloromethane	7.90	83	19858	16.952	ug/l	99
48) Methyl methacrylate	7.78	41	20561	20.025	ug/l	98
49) 1,4-Dioxane	7.76	88	20448	841.439	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	172575	117.871	ug/l	97
52) Toluene	8.79	92	44008	18.330	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	20295	14.831	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	23158	16.601	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	16845	16.295	ug/l	99
56) Ethyl methacrylate	9.18	69	23313	15.941	ug/l	98
57) 1,3-Dichloropropane	9.37	76	28201	16.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	61001	86.761	ug/l	97
59) 2-Hexanone	9.50	43	148050	131.832	ug/l	96
60) Dibromochloromethane	9.59	129	15487	15.913	ug/l	98
61) 1,2-Dibromoethane	9.68	107	17178	17.395	ug/l	99
64) Tetrachloroethene	9.34	164	25172	21.050	ug/l	97
65) Chlorobenzene	10.14	112	46149	19.398	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	16204	19.751	ug/l	99
67) Ethyl Benzene	10.26	91	78352	20.254	ug/l	97
68) m/p-Xylenes	10.36	106	59886	40.188	ug/l	97
69) o-Xylene	10.70	106	28746	20.065	ug/l	100
70) Styrene	10.71	104	43613	18.376	ug/l	98
71) Bromoform	10.86	173	12606	18.713	ug/l #	97
73) Isopropylbenzene	11.02	105	84092	24.412	ug/l	100
74) N-amyl acetate	10.90	43	29766	20.530	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	26236	23.612	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	35398	33.638	ug/l	86
77) Bromobenzene	11.26	156	20318	21.339	ug/l	99
78) n-propylbenzene	11.36	91	93524	23.613	ug/l	99
79) 2-Chlorotoluene	11.42	91	53281	22.180	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	66534	22.976	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	7851	23.780	ug/l	99
82) 4-Chlorotoluene	11.51	91	59288	21.147	ug/l	99
83) tert-Butylbenzene	11.77	119	67453	24.466	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	65812	22.259	ug/l	99
85) sec-Butylbenzene	11.95	105	90372	25.723	ug/l	99
86) p-Isopropyltoluene	12.07	119	75162	24.227	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	36325	20.448	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	36299	19.775	ug/l	99
89) n-Butylbenzene	12.39	91	63817	22.573	ug/l	97
90) Hexachloroethane	12.60	117	11319	22.790	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	37832	21.041	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7690	32.413	ug/l	100

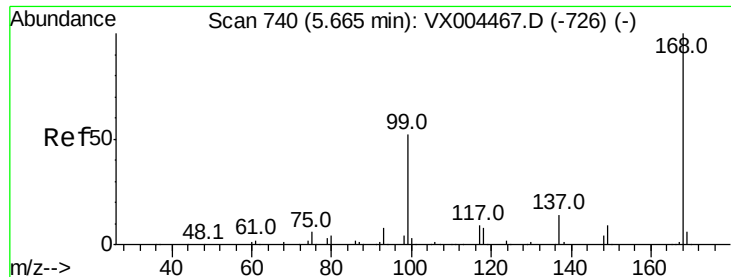
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091818\
Data File : VX004653.D
Acq On : 18 Sep 2018 13:09
Operator : JC/MD
Sample : VX0918WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 18 15:23:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	22323	17.534	ug/l	98
94) Hexachlorobutadiene	13.79	225	19286	29.000	ug/l	98
95) Naphthalene	13.83	128	81057	22.700	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	24627	18.828	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

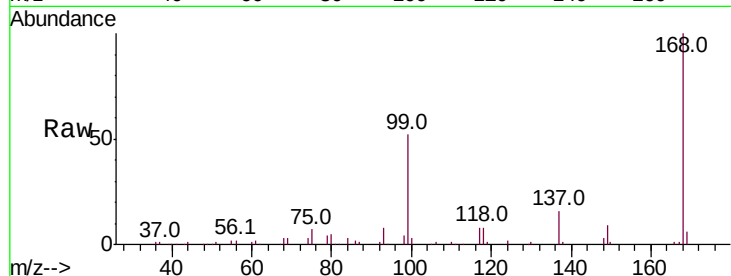
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 82079

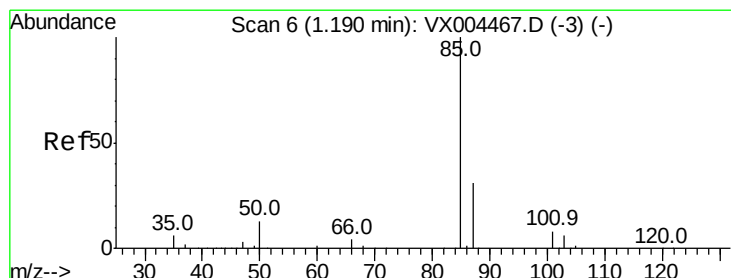
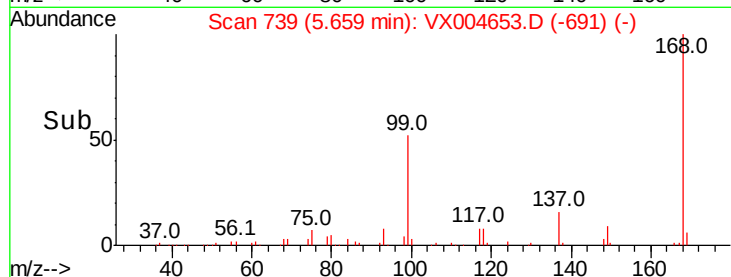
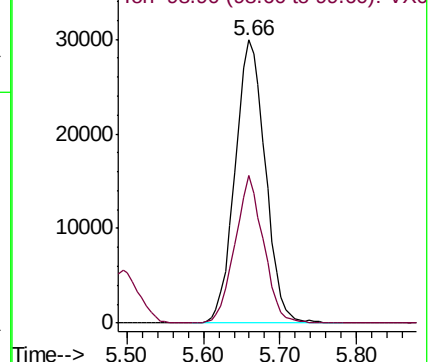
Ion Ratio Lower Upper

168 100

99 52.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)



#2

Dichlorodifluoromethane

Concen: 22.873 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX004653.D

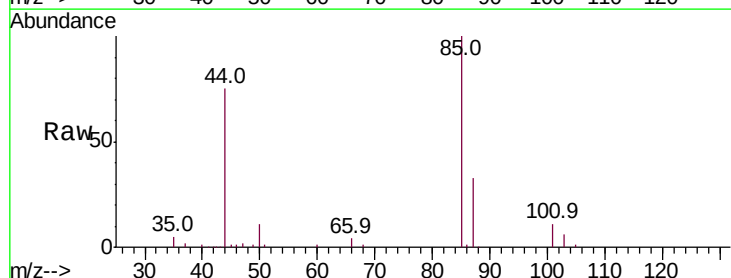
Acq: 18 Sep 2018 13:09

Tgt Ion: 85 Resp: 17595

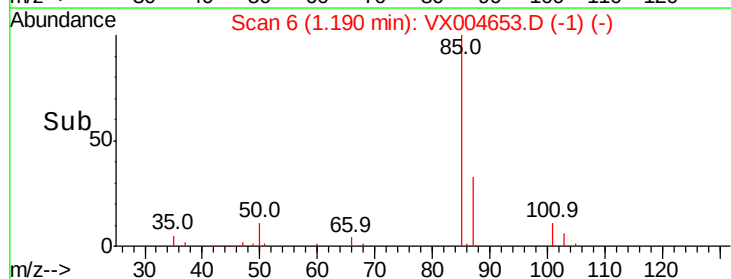
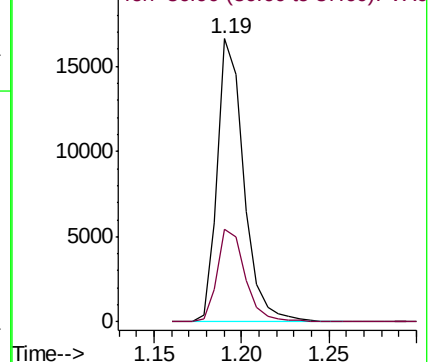
Ion Ratio Lower Upper

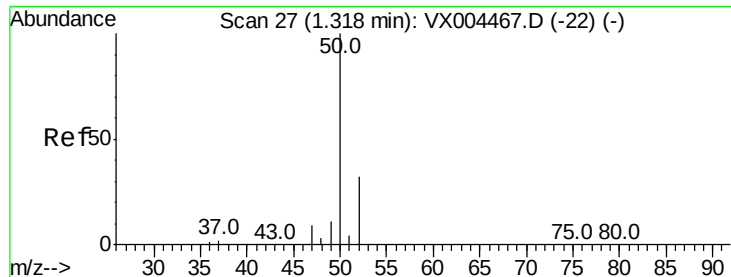
85 100

87 32.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX004467.D (-3) (-)





#3

Chloromethane

Concen: 19.638 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

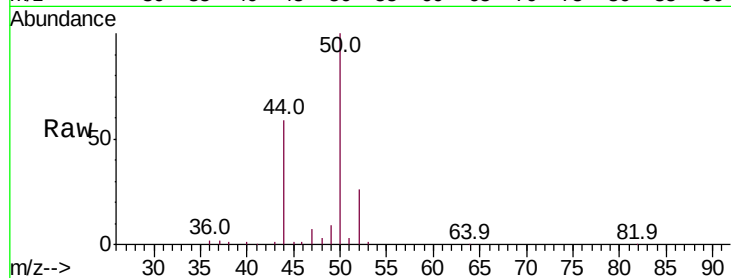
ClientSampleId :

Tot Ion: 50 Resp: 20790

Ion Ratio Lower Upper

50 100

52 25.8 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

20000

15000

10000

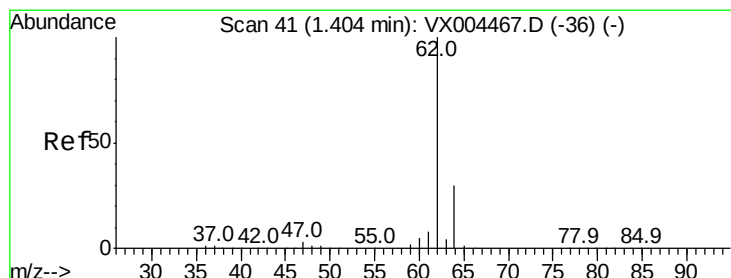
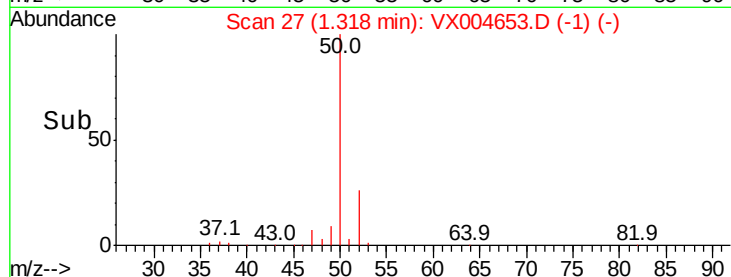
5000

0

1.32

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 20.454 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004653.D

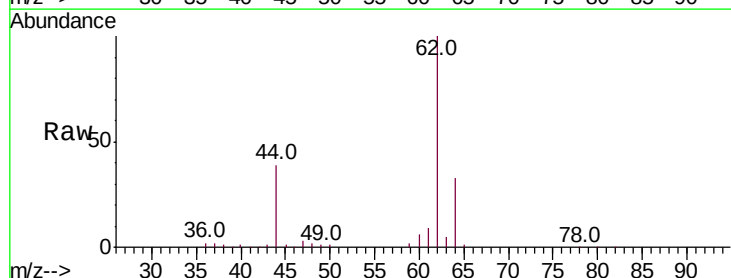
Acq: 18 Sep 2018 13:09

Tgt Ion: 62 Resp: 22224

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

20000

15000

10000

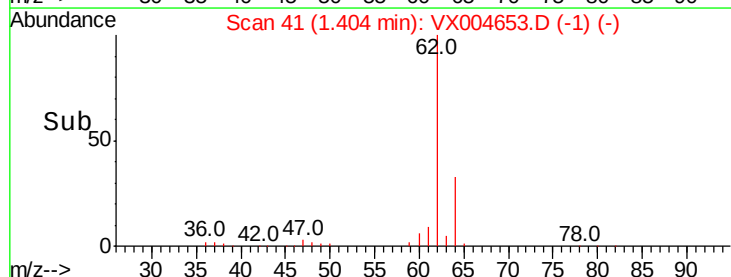
5000

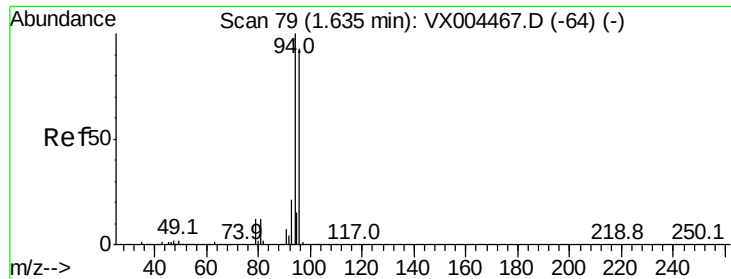
0

1.40

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 23.427 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

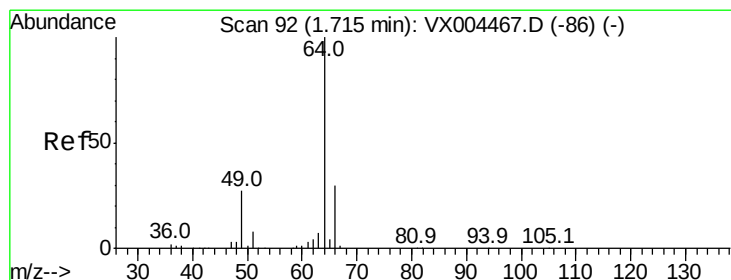
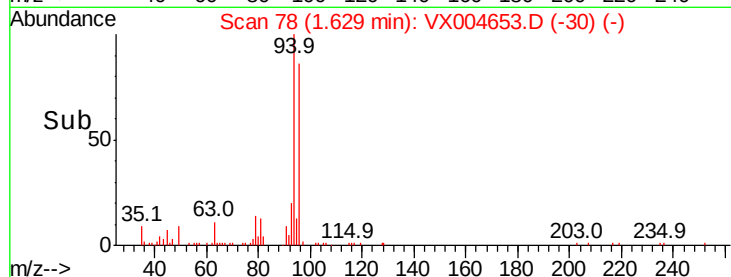
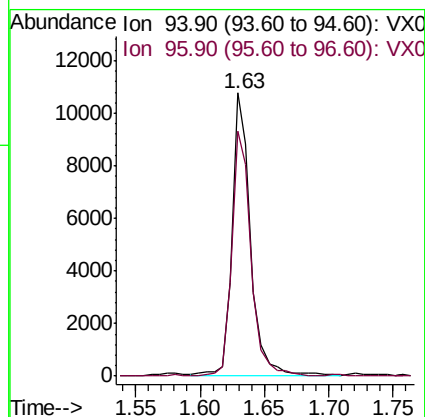
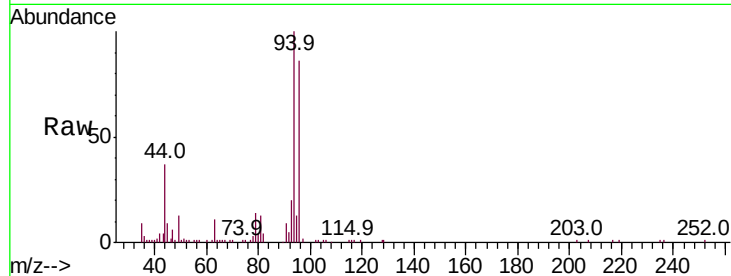
ClientSampled :

Tot Ion: 94 Resp: 10944

Ion Ratio Lower Upper

94 100

96 86.4 74.5 111.7



#6

Chloroethane

Concen: 18.353 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX004653.D

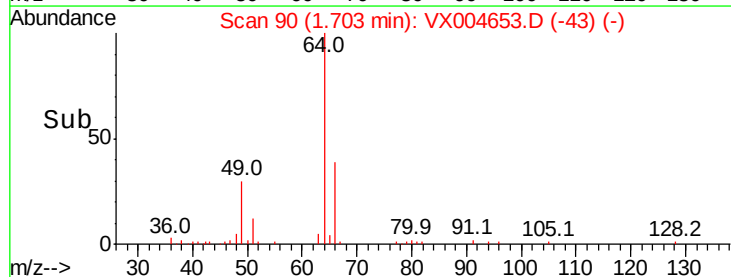
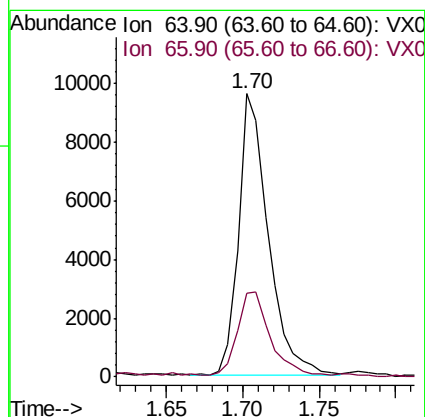
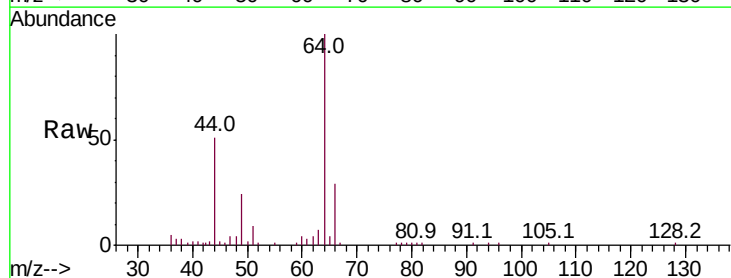
Acq: 18 Sep 2018 13:09

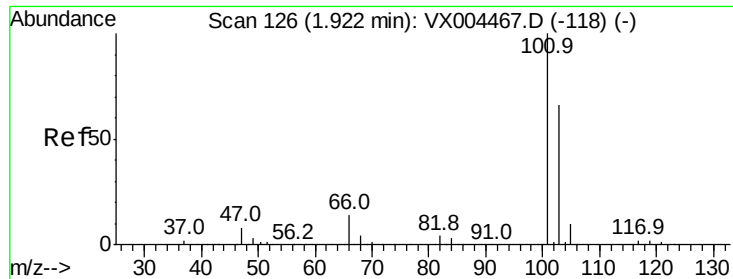
Tgt Ion: 64 Resp: 12896

Ion Ratio Lower Upper

64 100

66 28.8 24.6 36.8



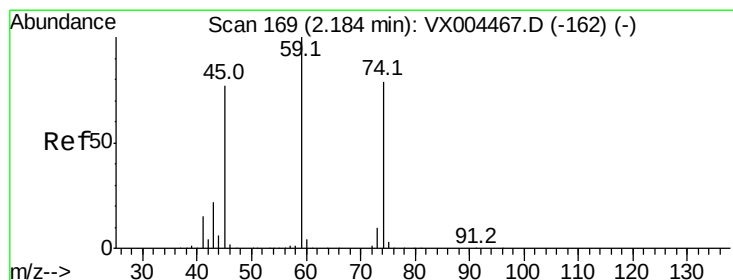
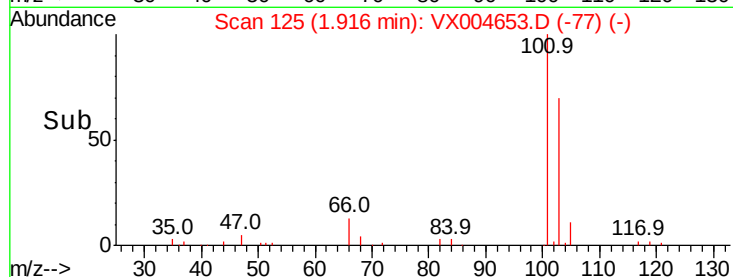
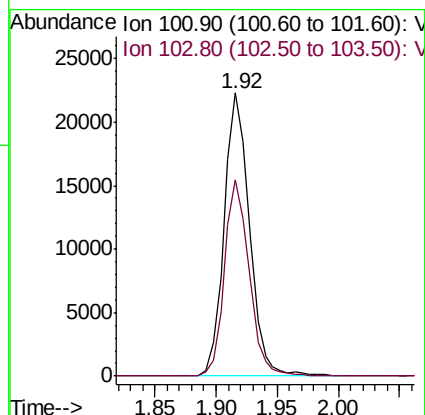
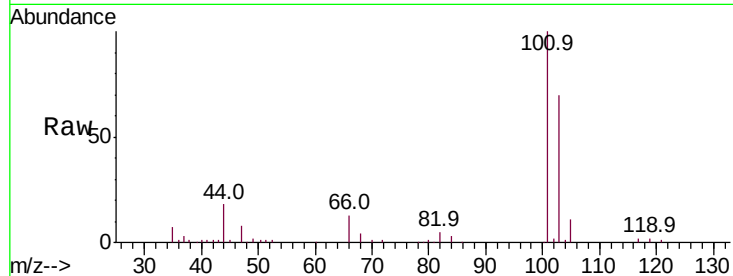


#7

Trichlorofluoromethane
 Concen: 22.274 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :

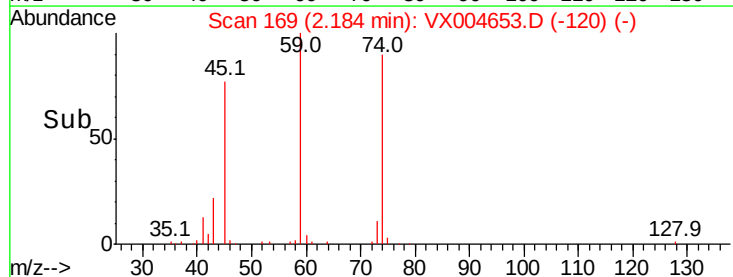
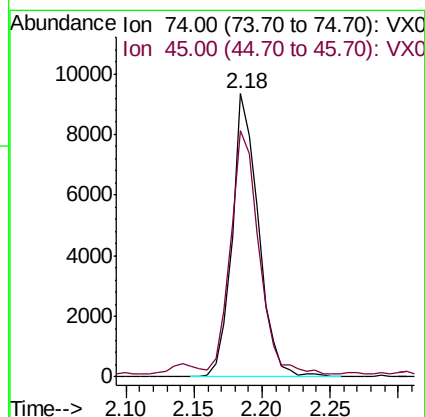
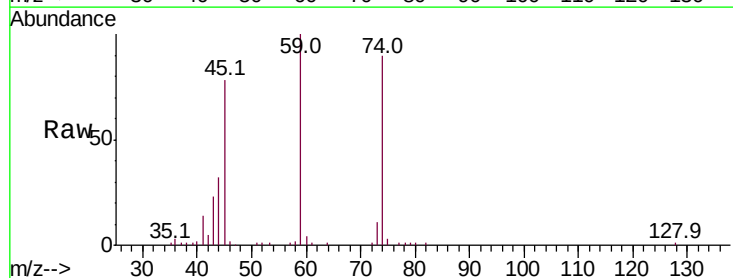
Tot Ion:101 Resp: 32084
 Ion Ratio Lower Upper
 101 100
 103 69.6 48.9 73.3

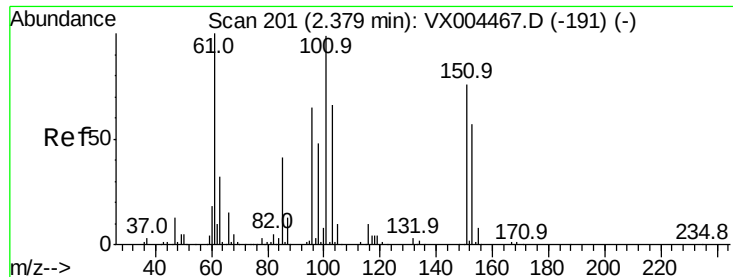


#8

Diethyl Ether
 Concen: 19.371 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion: 74 Resp: 12509
 Ion Ratio Lower Upper
 74 100
 45 92.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.650 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

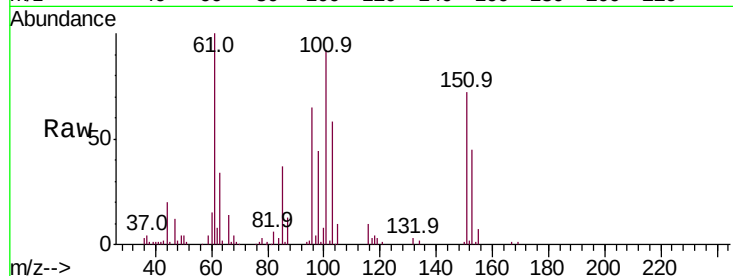
Tot Ion:101 Resp: 21611

Ion Ratio Lower Upper

101 100

85 42.0 34.2 51.4

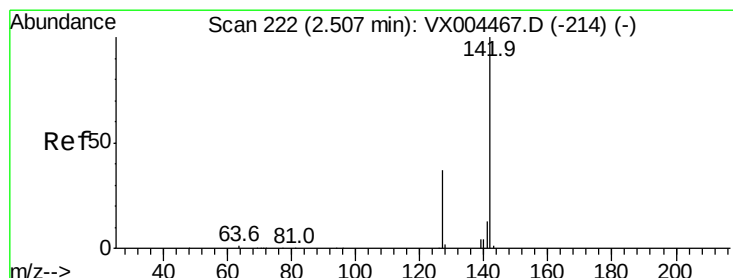
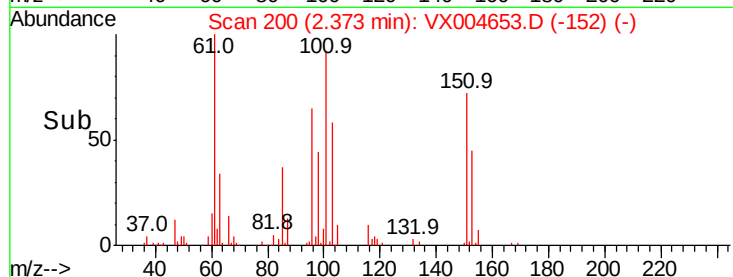
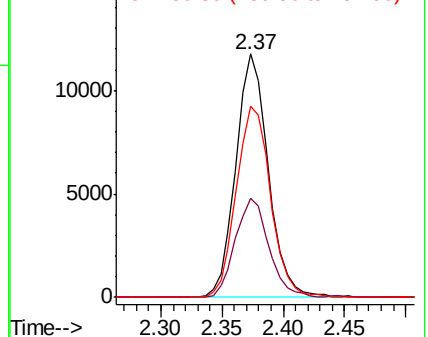
151 82.7 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.266 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

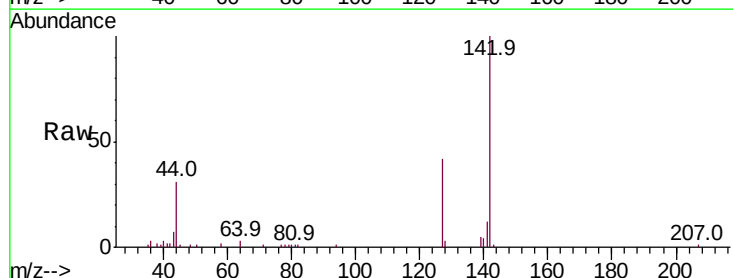
Tgt Ion:142 Resp: 14339

Ion Ratio Lower Upper

142 100

127 40.9 33.8 50.6

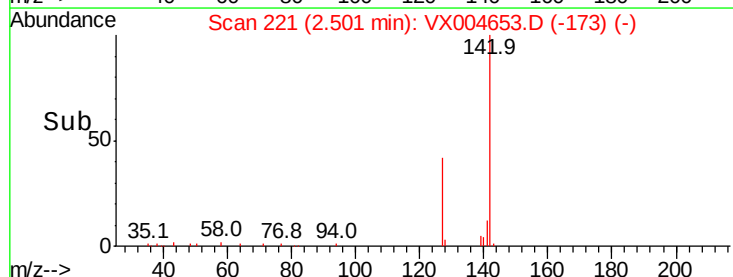
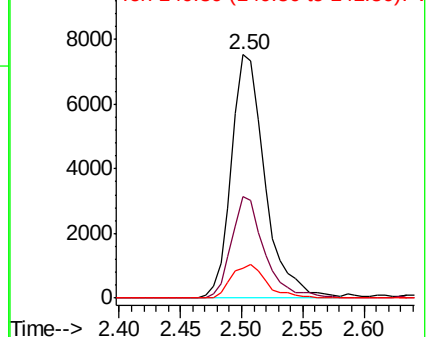
141 14.3 11.4 17.0

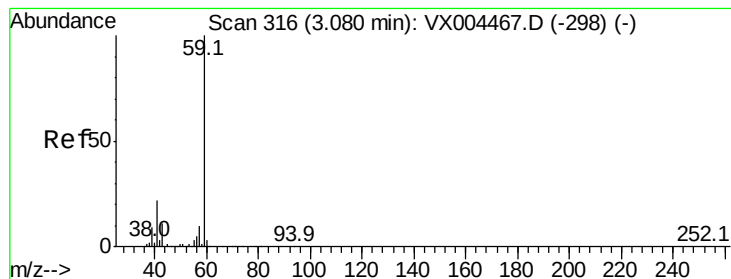


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



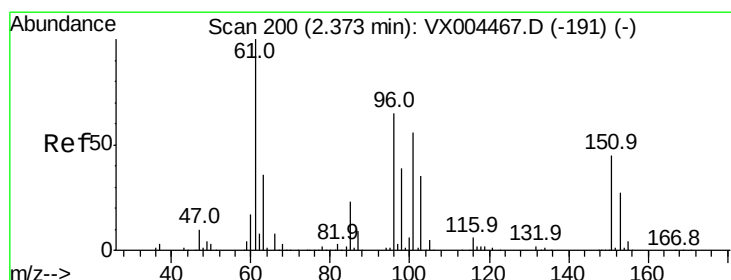
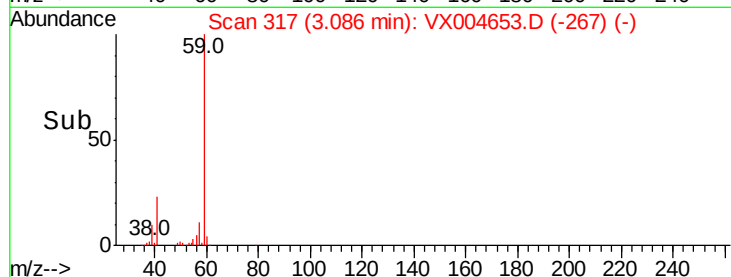
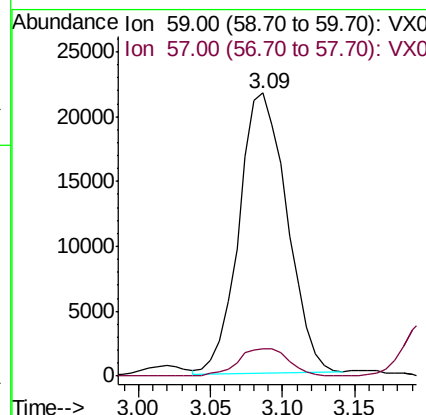
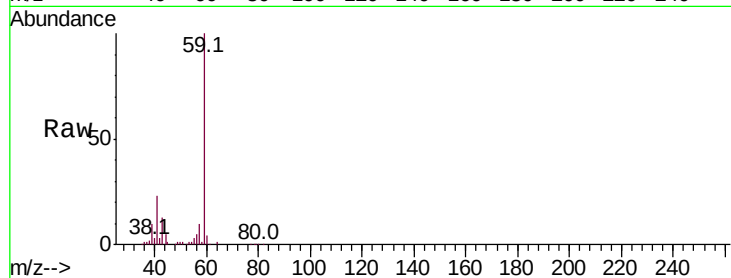


#11

Tert butyl alcohol
Concen: 197.479 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :

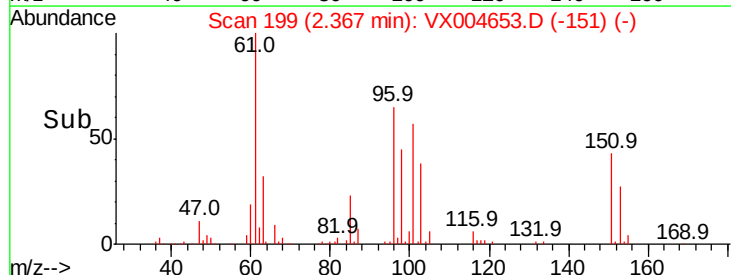
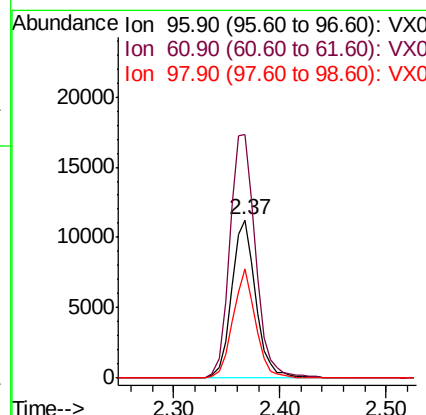
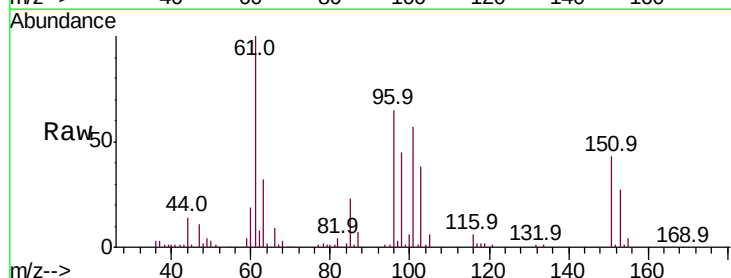
Tot Ion: 59 Resp: 49870
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

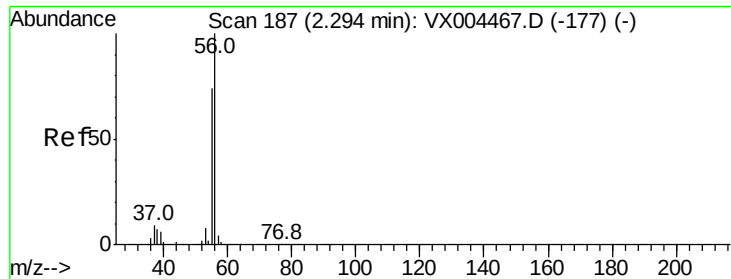


#12

1,1-Dichloroethene
Concen: 20.883 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion: 96 Resp: 17910
Ion Ratio Lower Upper
96 100
61 153.8 128.8 193.2
98 68.8 52.2 78.2





#13

Acrolein

Concen: 95.921 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

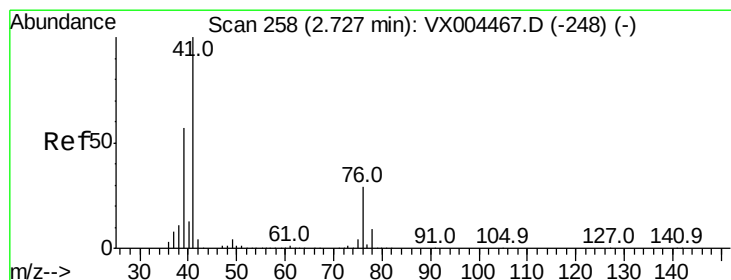
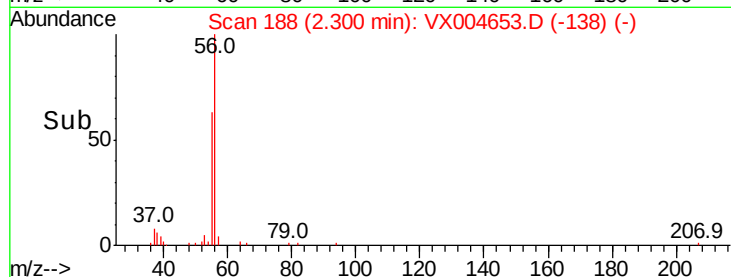
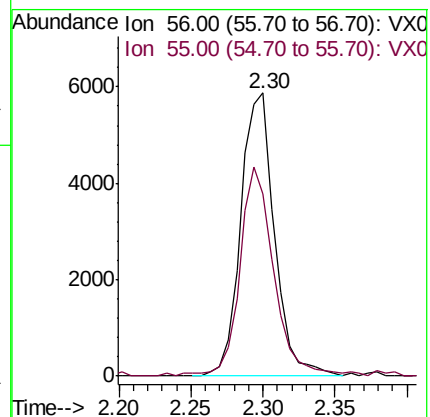
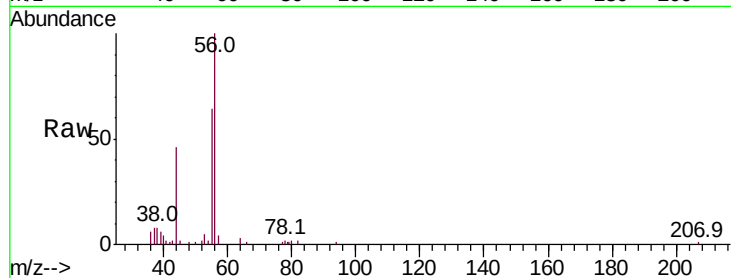
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 9562

Ion Ratio Lower Upper

56 100

55 75.3 54.7 82.1



#14

Allyl chloride

Concen: 21.080 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

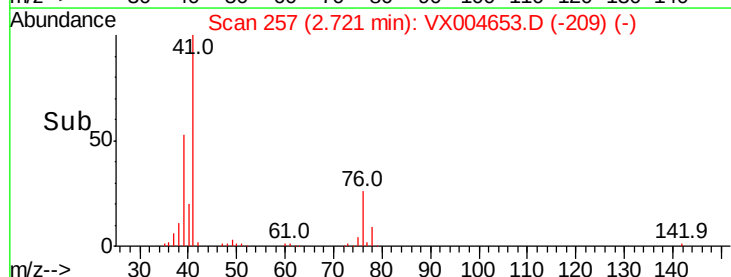
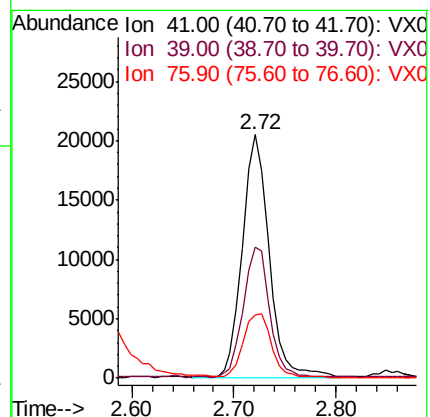
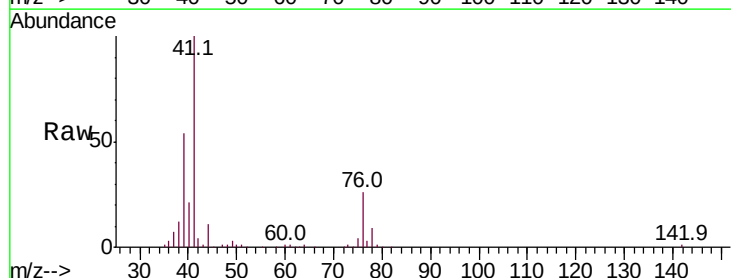
Tgt Ion: 41 Resp: 37168

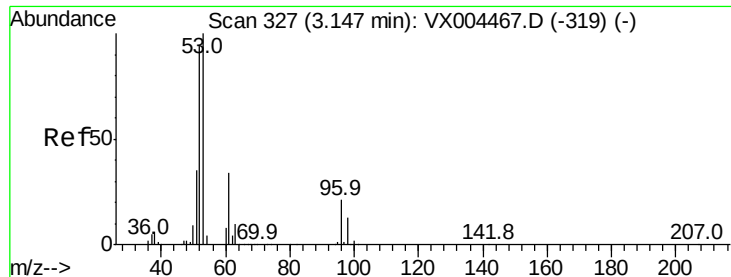
Ion Ratio Lower Upper

41 100

39 53.0 48.9 73.3

76 28.6 26.7 40.1





#15

Acrylonitrile

Concen: 155.978 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

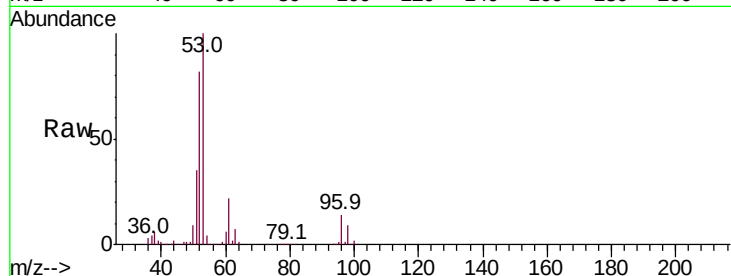
Tot Ion: 53 Resp: 94855

Ion Ratio Lower Upper

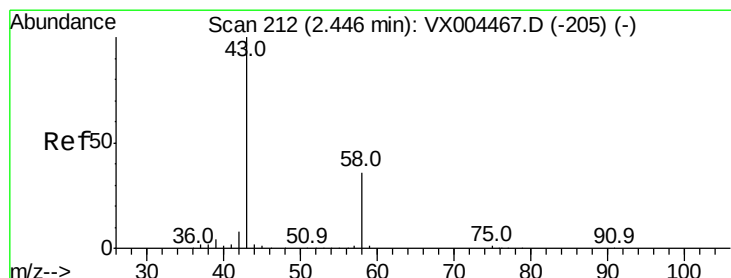
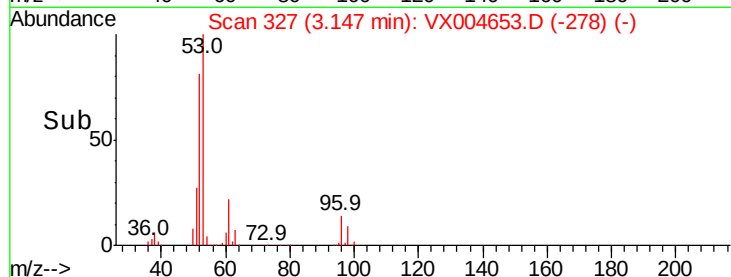
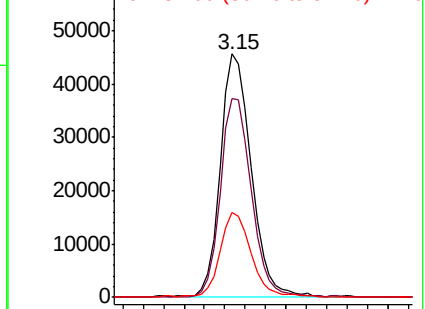
53 100

52 82.8 65.2 97.8

51 35.4 28.2 42.2



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: 164.268 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004653.D

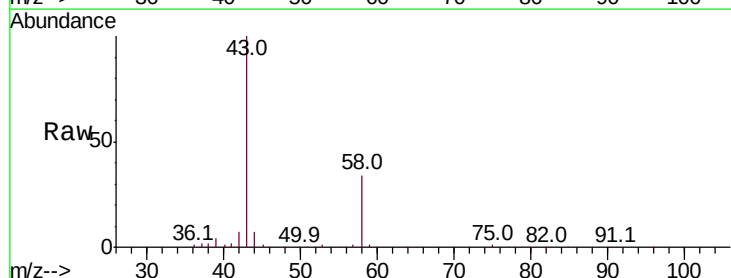
Acq: 18 Sep 2018 13:09

Tgt Ion: 43 Resp: 84852

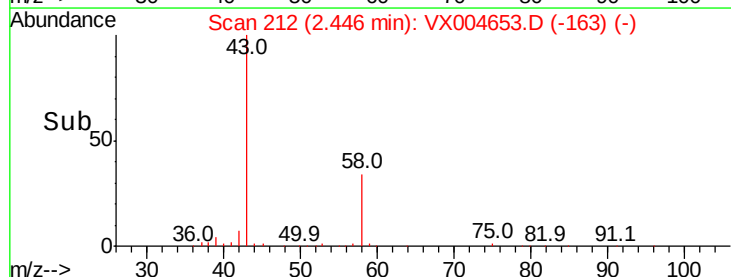
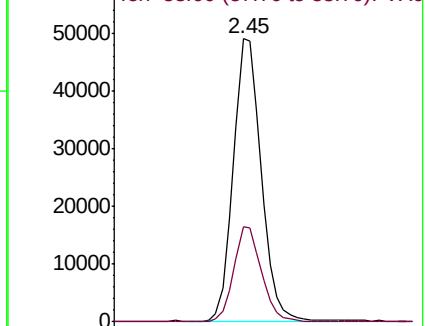
Ion Ratio Lower Upper

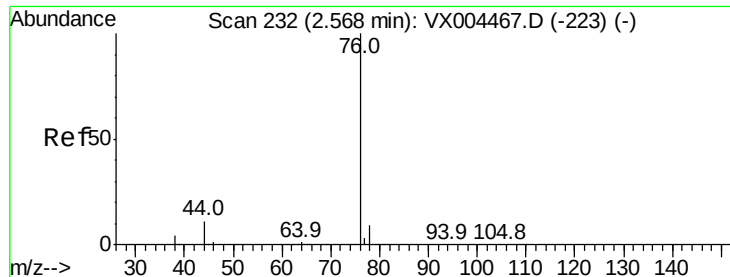
43 100

58 33.7 26.2 39.4



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





#17

Carbon Disulfide

Concen: 19.270 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

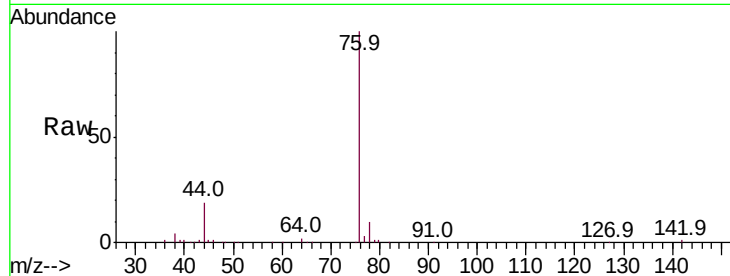
ClientSampleId :

Tot Ion: 76 Resp: 47769

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

25000

20000

15000

10000

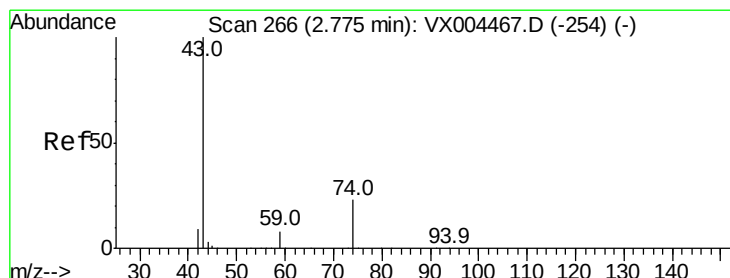
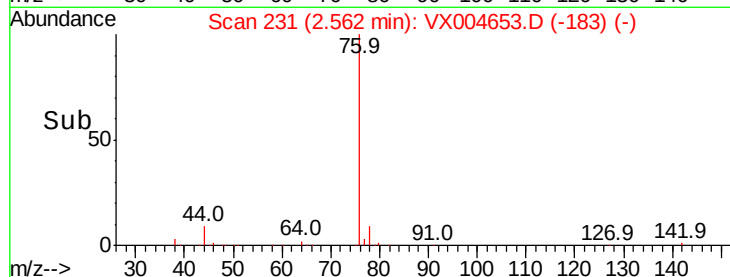
5000

0

Time-->

2.50 2.60 2.70

2.56



#18

Methyl Acetate

Concen: 31.963 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004653.D

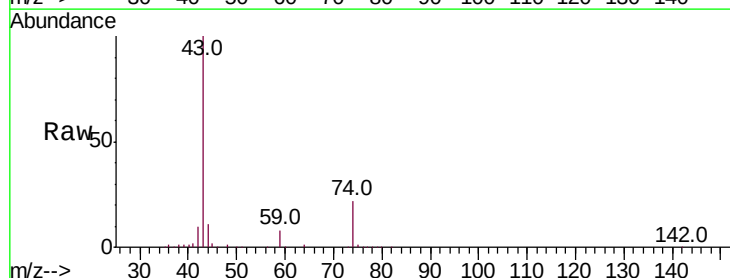
Acq: 18 Sep 2018 13:09

Tgt Ion: 43 Resp: 46321

Ion Ratio Lower Upper

43 100

74 23.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

30000

25000

20000

15000

10000

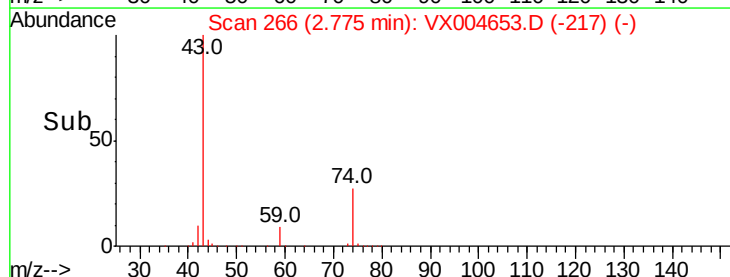
5000

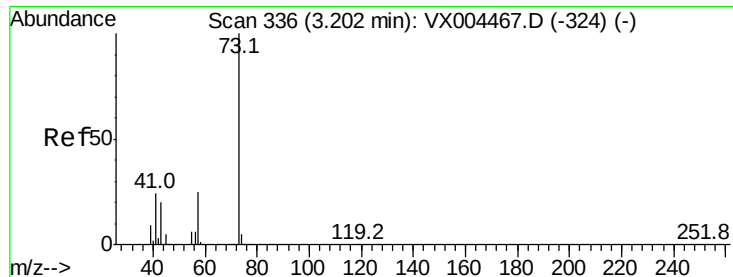
0

Time-->

2.70 2.75 2.80 2.85 2.90

2.78



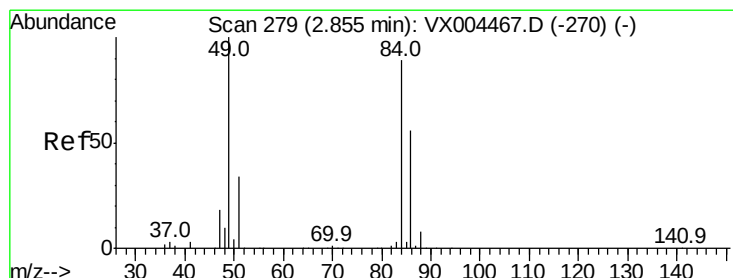
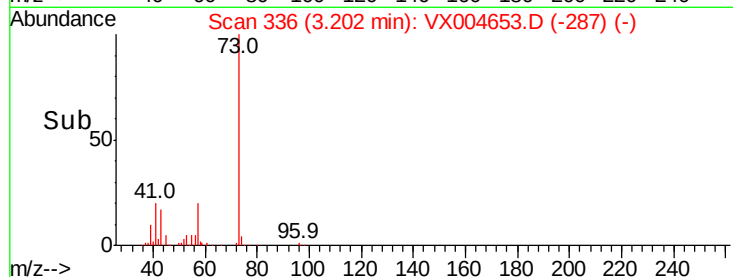
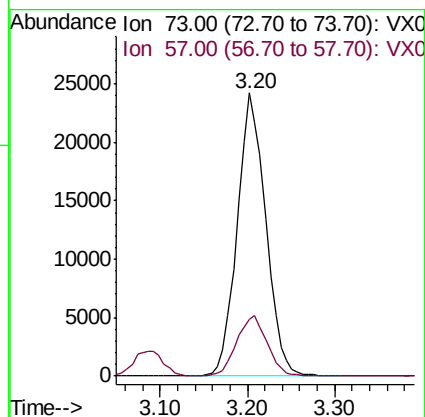
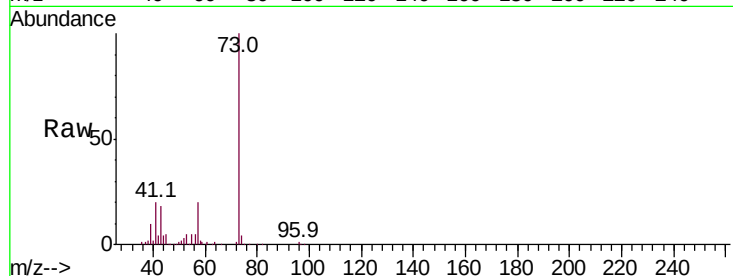


#19

Methvl tert-butvl Ether
 Concen: 18.256 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :

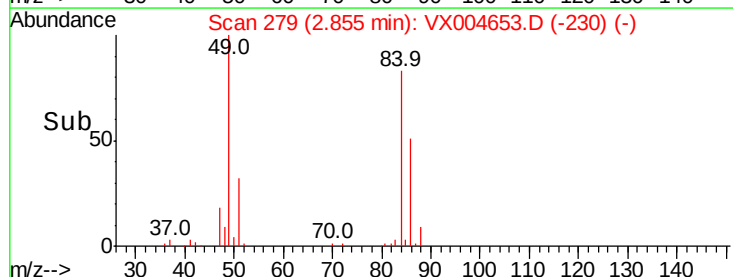
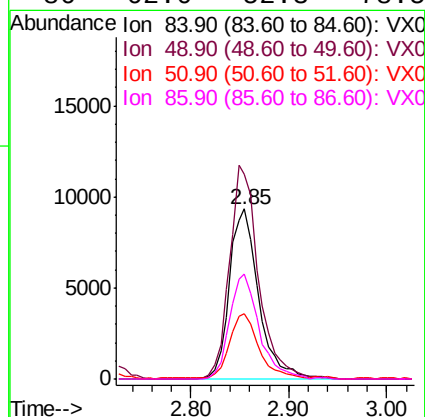
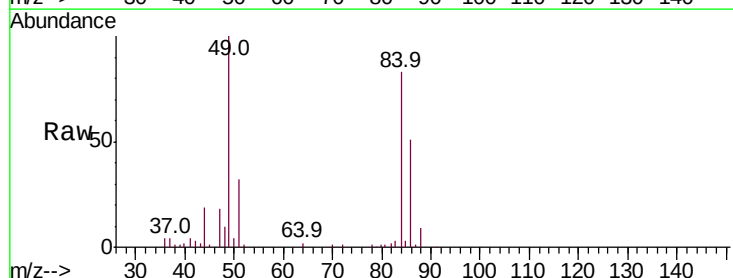
Tot Ion: 73 Resp: 54937
 Ion Ratio Lower Upper
 73 100
 57 20.1 17.1 25.7

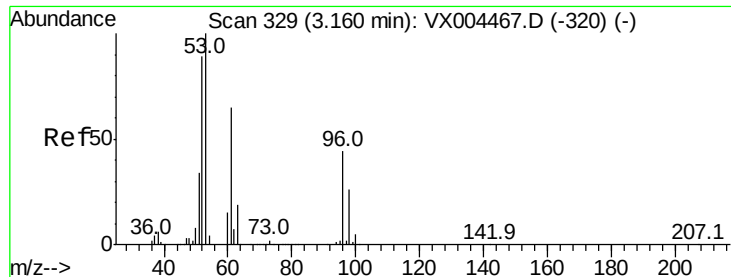


#20

Methylene Chloride
 Concen: 18.246 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion: 84 Resp: 19334
 Ion Ratio Lower Upper
 84 100
 49 120.9 101.2 151.8
 51 38.3 29.5 44.3
 86 62.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.415 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :

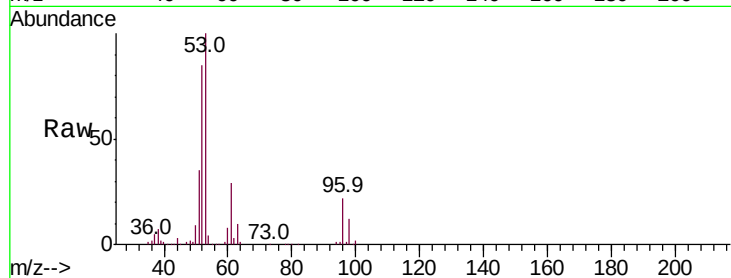
Tot Ion: 96 Resp: 18399

Ion Ratio Lower Upper

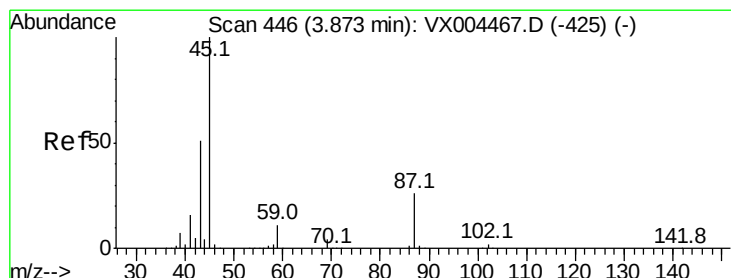
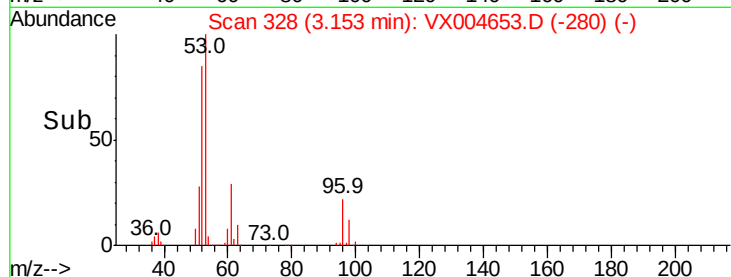
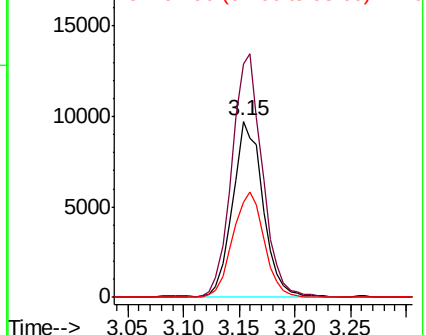
96 100

61 132.1 113.8 170.6

98 54.2 51.8 77.8



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



#22

Diisopropyl ether

Concen: 18.367 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Tgt Ion: 45 Resp: 58325

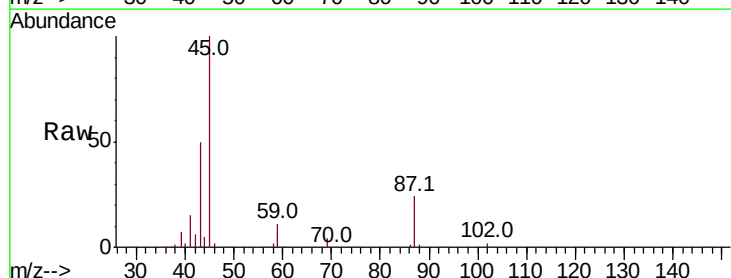
Ion Ratio Lower Upper

45 100

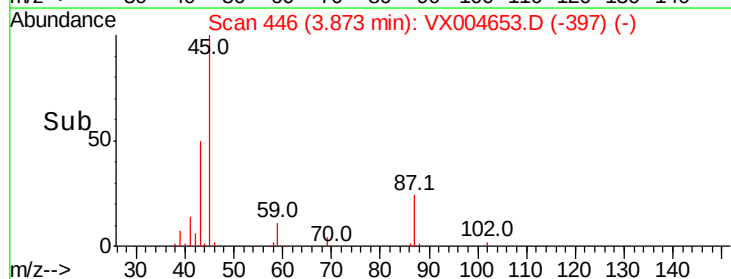
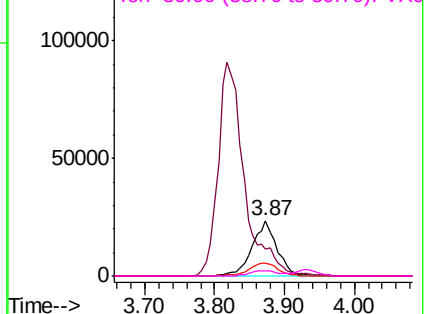
43 49.4 42.8 64.2

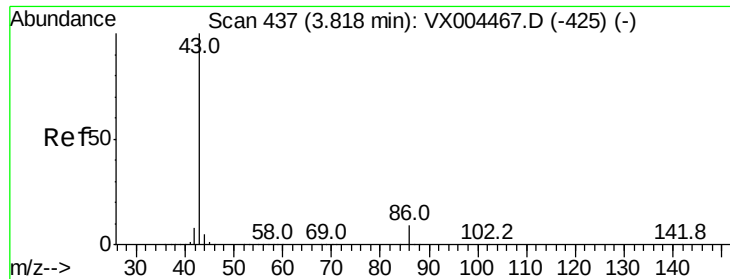
87 23.7 22.6 34.0

59 10.5 9.6 14.4



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: 92.922 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

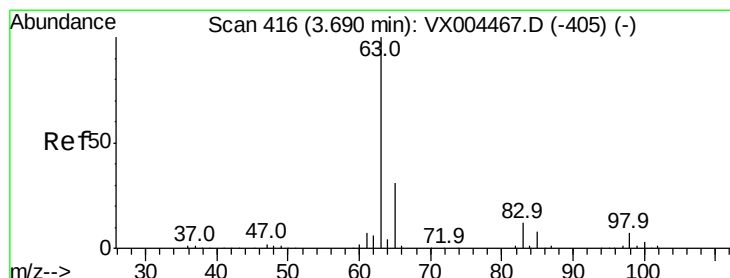
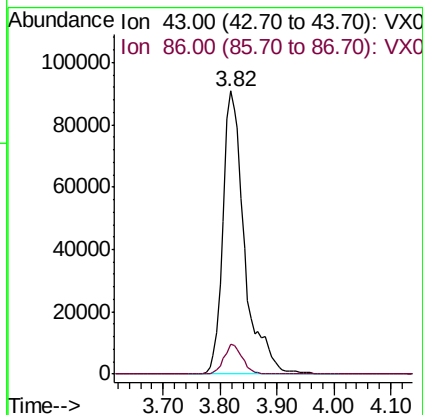
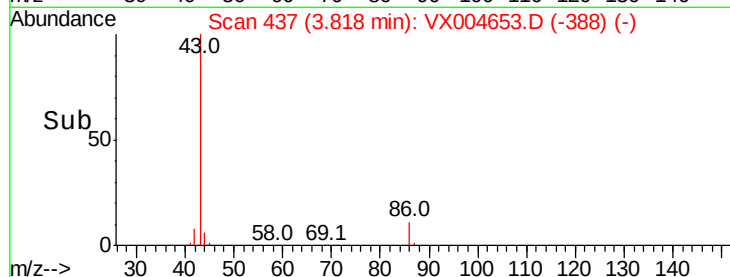
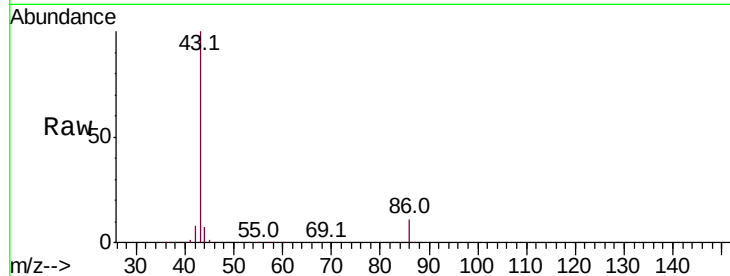
ClientSampled :

Tot Ion: 43 Resp: 238793

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 18.702 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

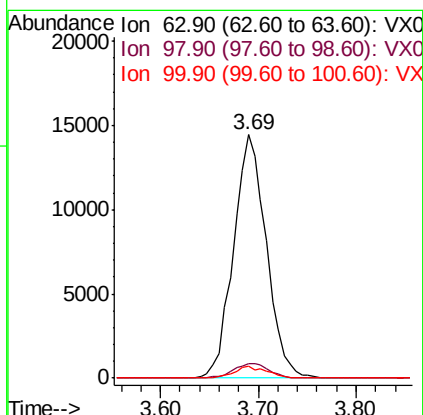
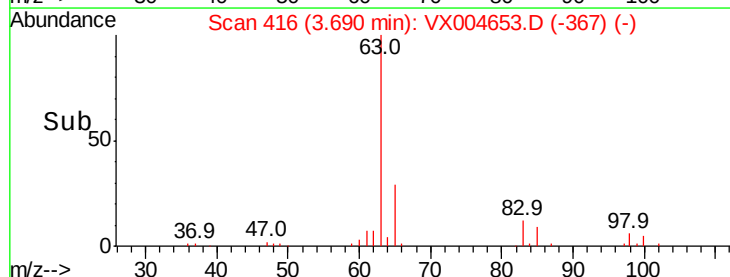
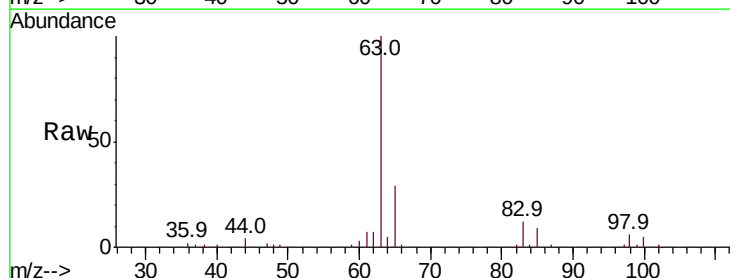
Tgt Ion: 63 Resp: 33530

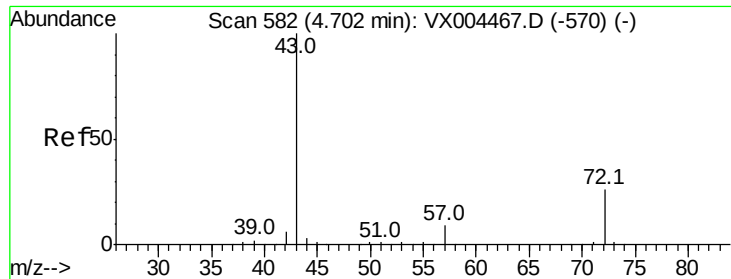
Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.4

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 159.987 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

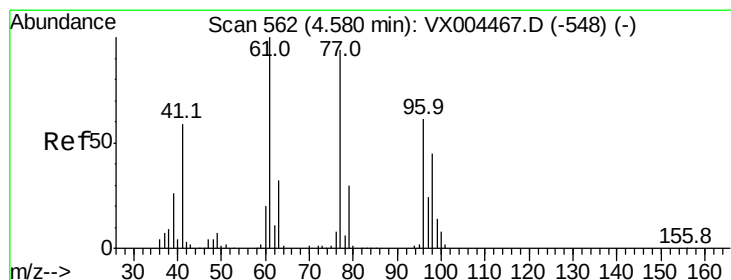
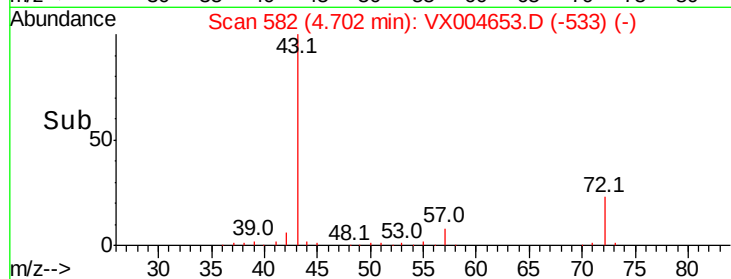
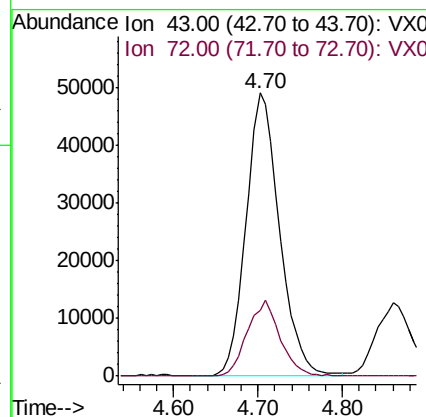
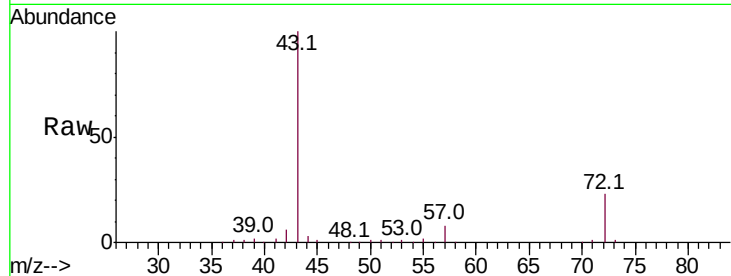
ClientSampled :

Tot Ion: 43 Resp: 131524

Ion Ratio Lower Upper

43 100

72 23.4 22.0 33.0



#26

2,2-Dichloropropane

Concen: 21.774 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004653.D

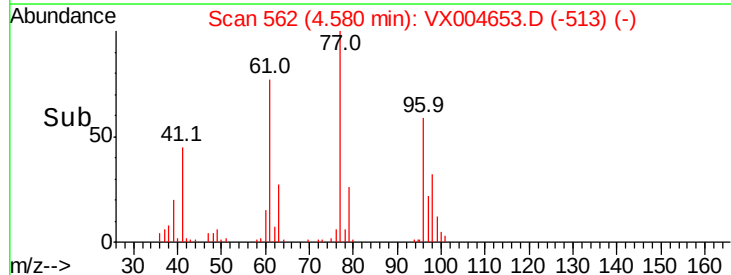
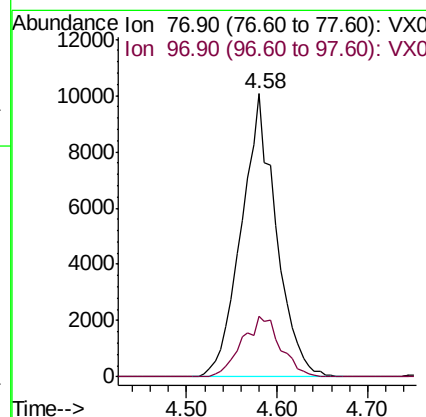
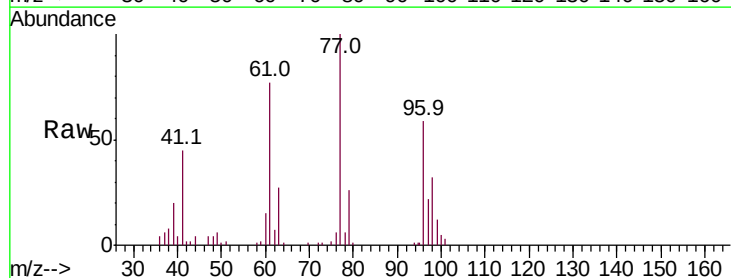
Acq: 18 Sep 2018 13:09

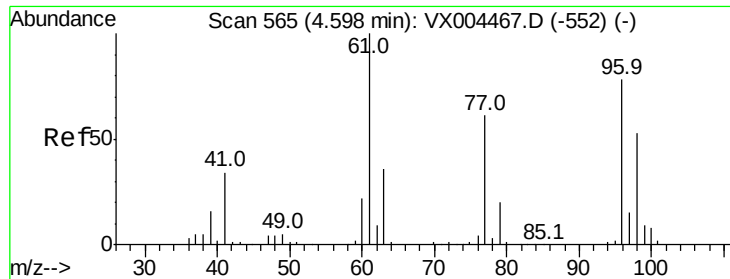
Tgt Ion: 77 Resp: 26813

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



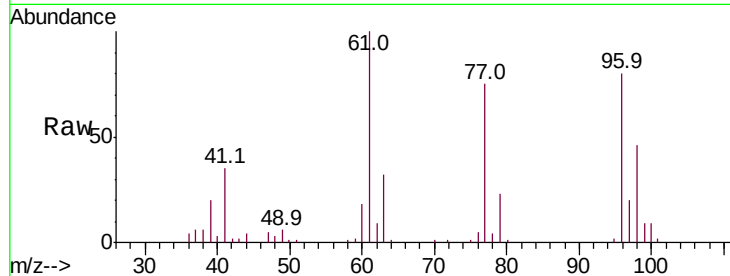


#27

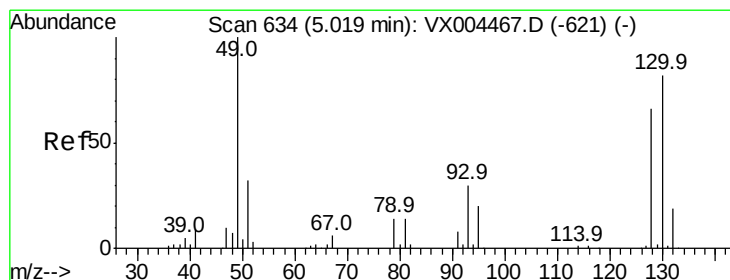
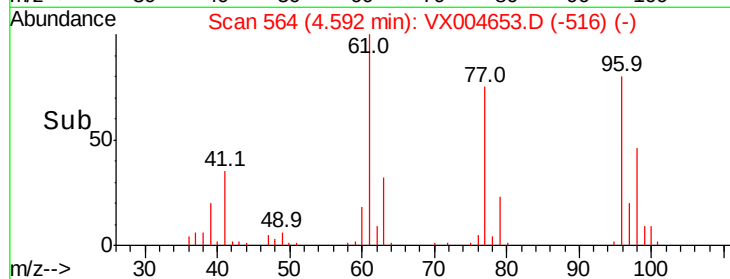
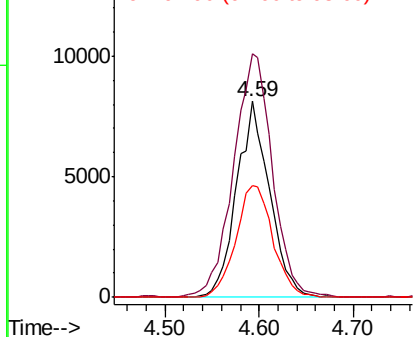
cis-1,2-Dichloroethene
 Concen: 18.781 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	96	Resp	19869
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	282.6
98	64.1	0.0	130.2



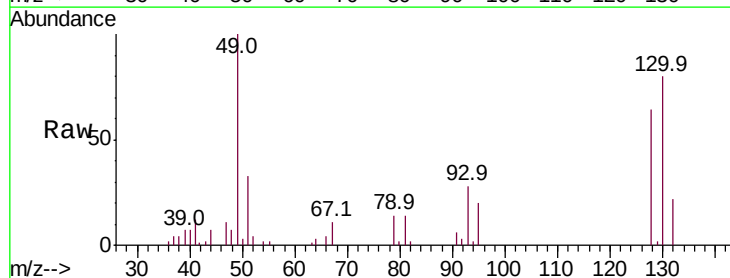
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



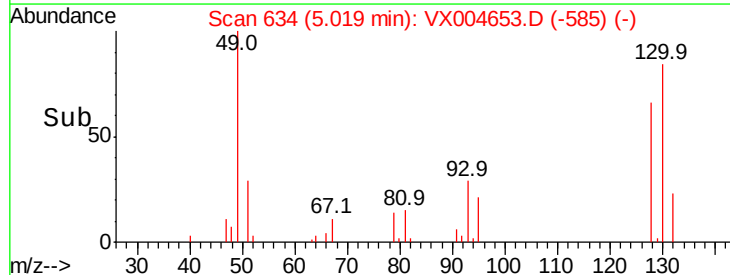
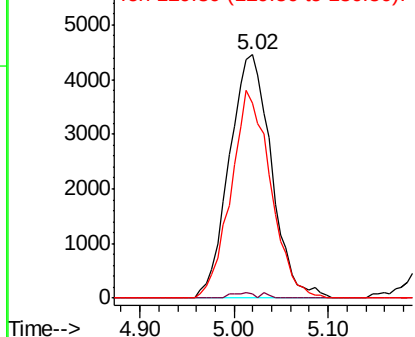
#28

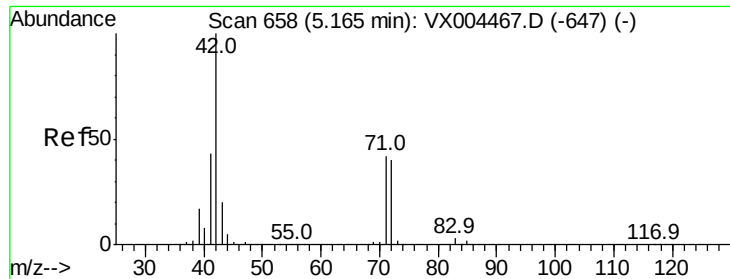
Bromochloromethane
 Concen: 16.832 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion	49	Resp	13804
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.2
130	80.4	67.5	101.3



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: 158.739 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

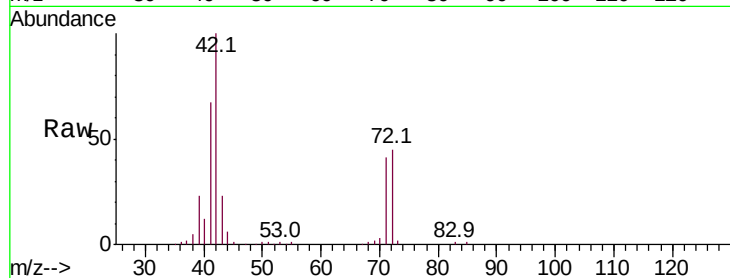
Tot Ion: 42 Resp: 78698

Ion Ratio Lower Upper

42 100

72 44.4 37.4 56.0

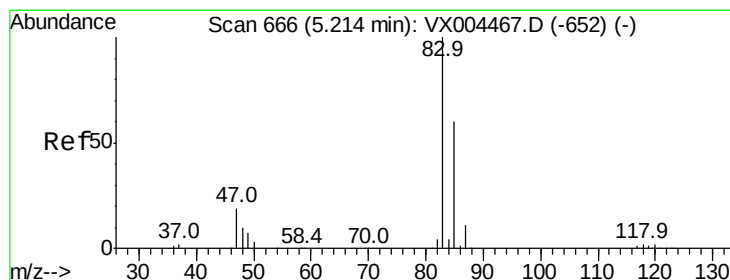
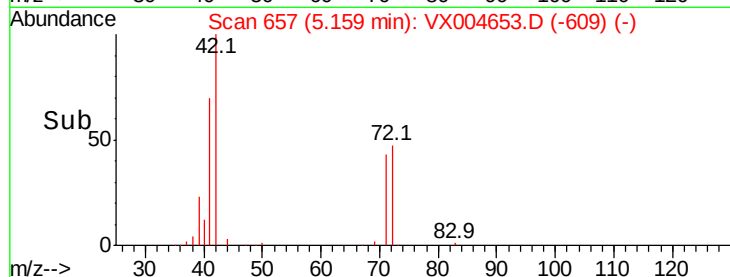
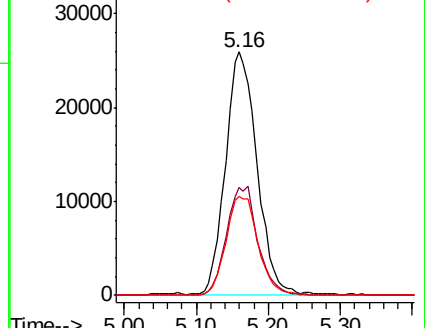
71 41.5 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.176 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004653.D

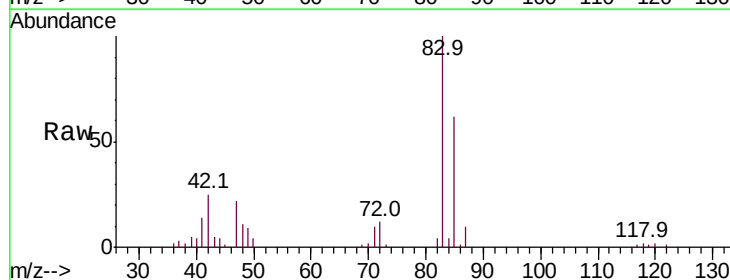
Acq: 18 Sep 2018 13:09

Tgt Ion: 83 Resp: 31815

Ion Ratio Lower Upper

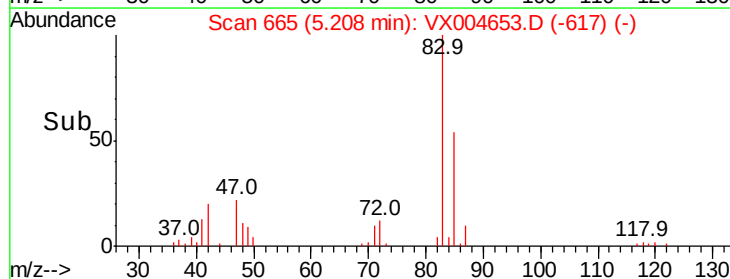
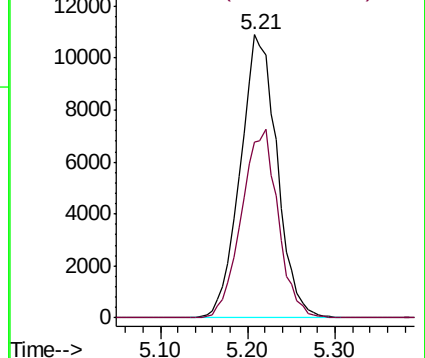
83 100

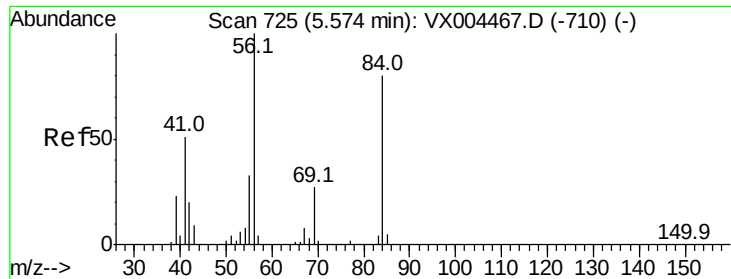
85 61.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

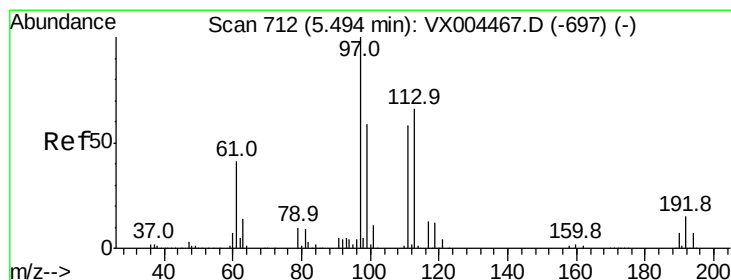
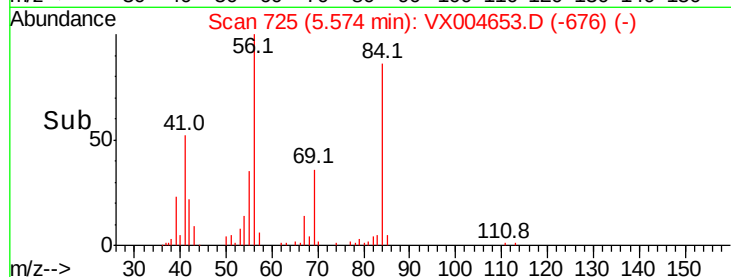
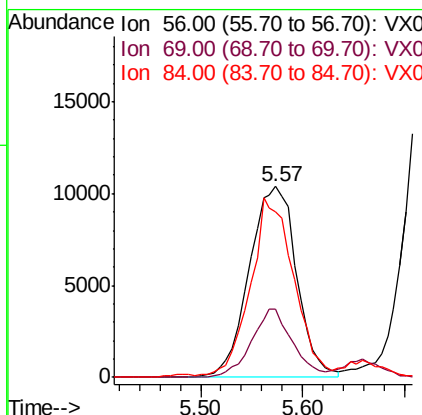
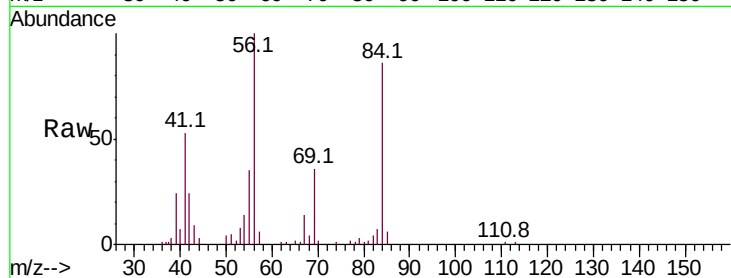




#31
Cyclohexane
Concen: 21.829 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

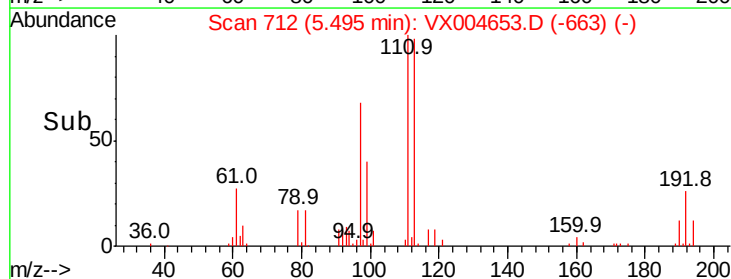
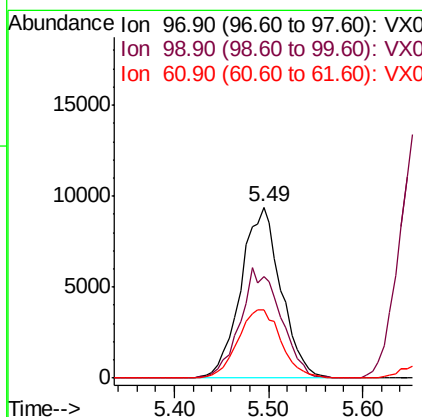
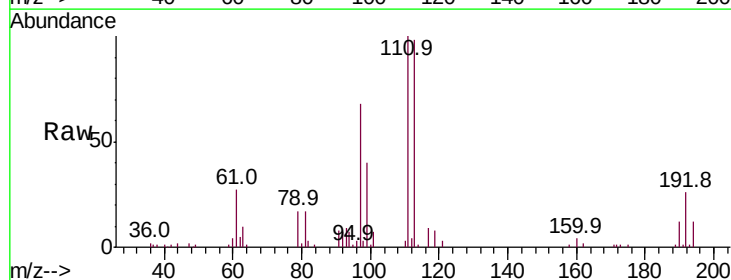
Instrument :
MSVOA_X
ClientSampleId :

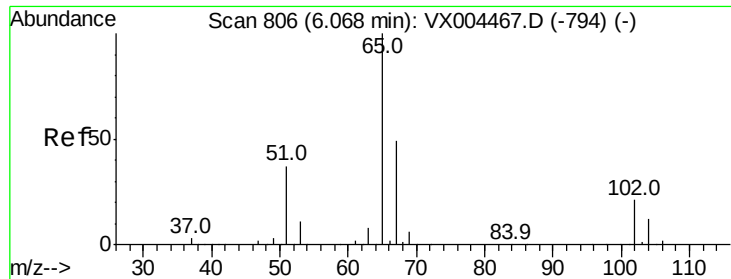
Tot Ion: 56 Resp: 33418
Ion Ratio Lower Upper
56 100
69 36.0 25.4 38.2
84 84.8 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 19.841 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion: 97 Resp: 27971
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 42.8 34.9 52.3

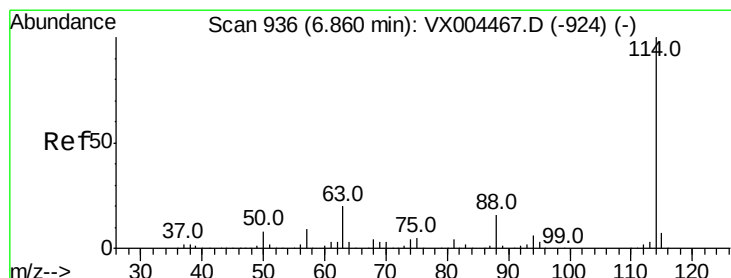
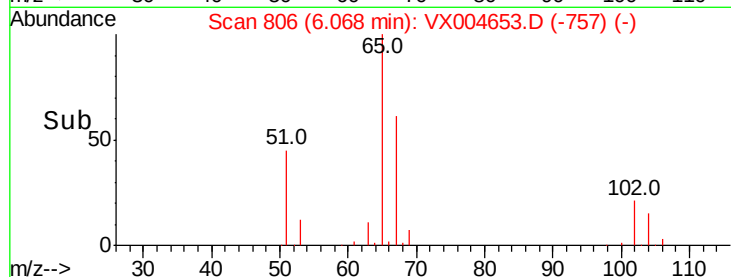
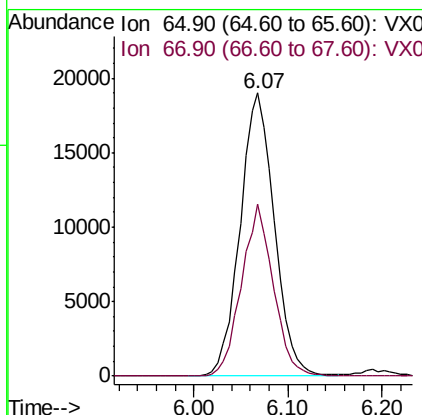
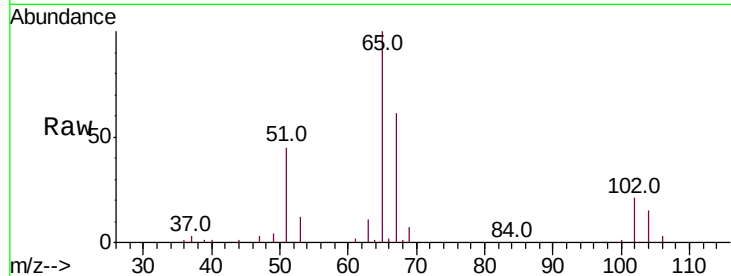




#33
 1,2-Dichloroethane-d4
 Concen: 45.761 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

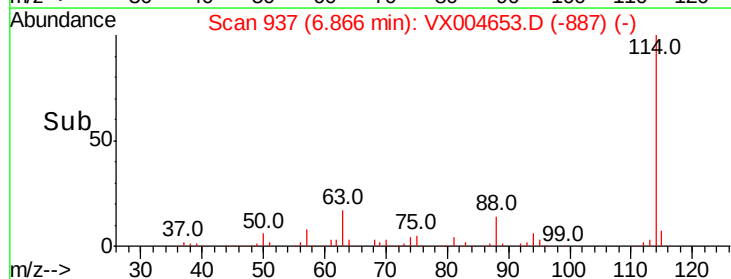
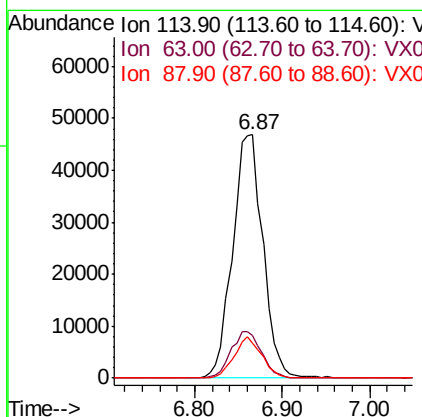
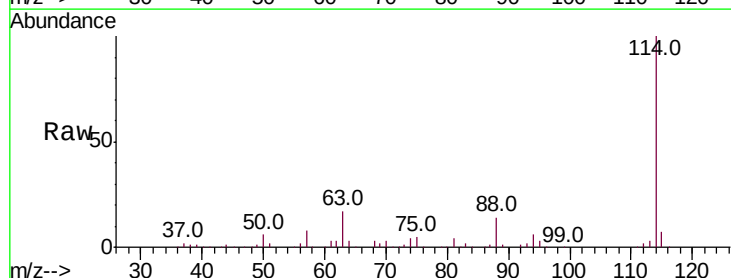
Instrument :
 MSVOA_X
 ClientSampleId :

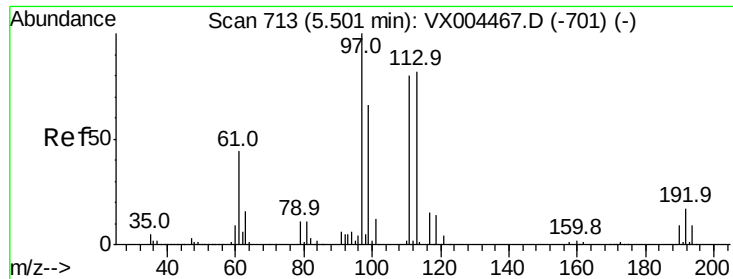
Tot Ion: 65 Resp: 48430
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion:114 Resp: 113125
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.0
 88 14.2 0.0 30.4

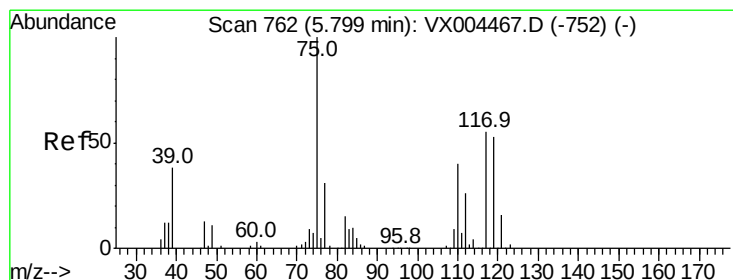
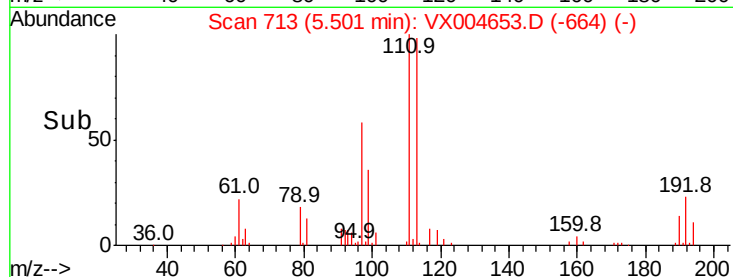
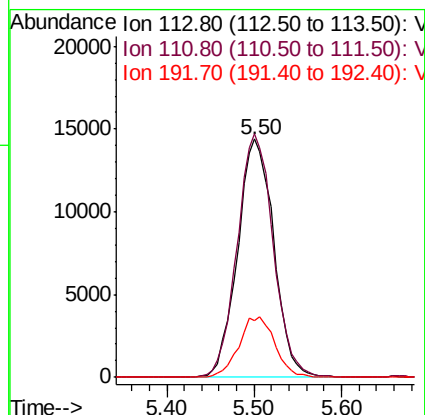
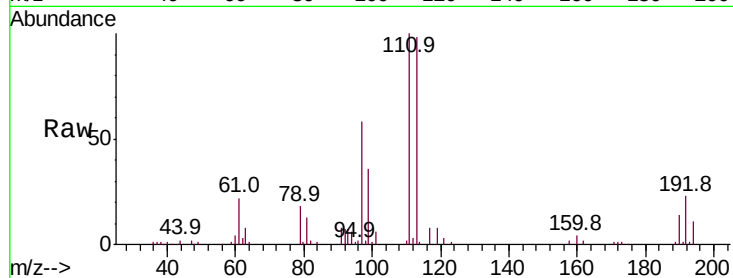




#35
 Dibromofluoromethane
 Concen: 39.954 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

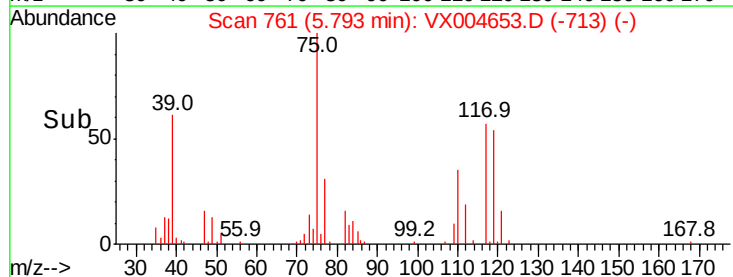
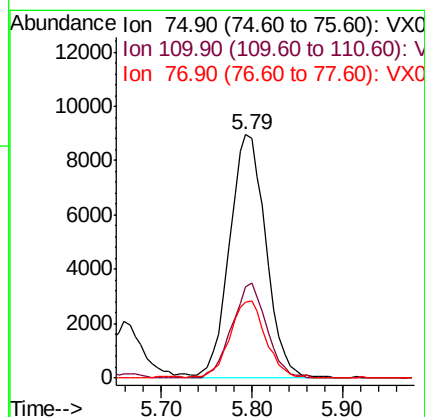
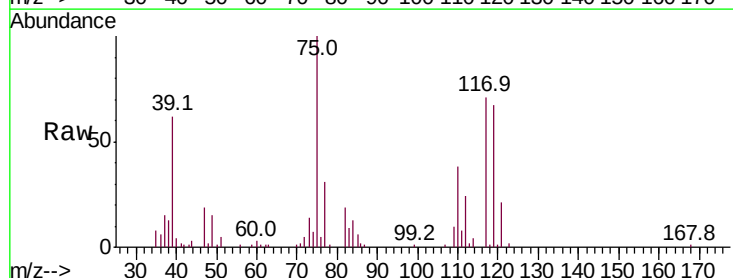
Instrument :
 MSVOA_X
 ClientSampleId :

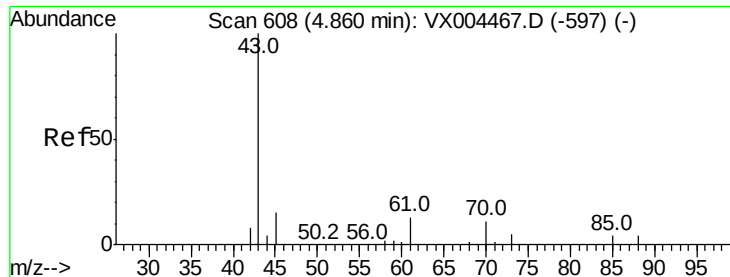
Tot Ion:113 Resp: 41360
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 25.1 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 18.186 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion: 75 Resp: 24977
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.0 54.0
 77 31.5 24.6 36.8

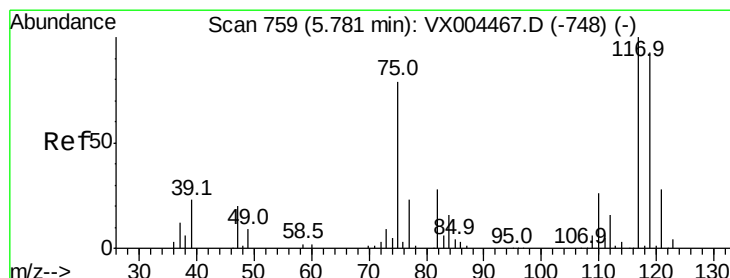
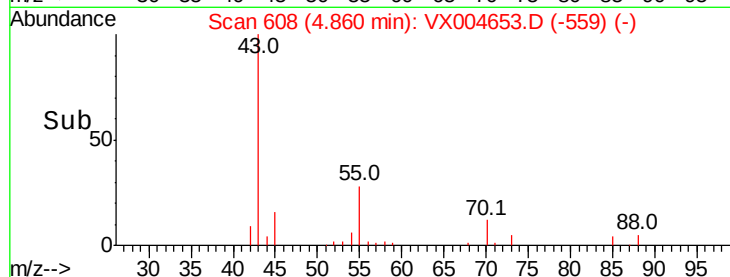
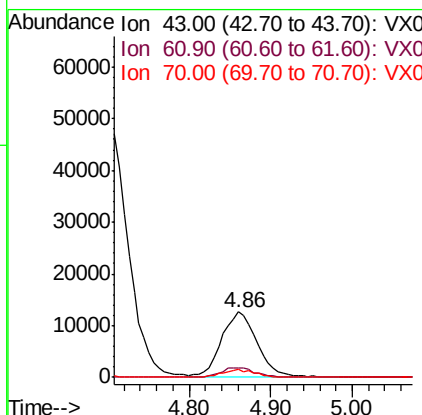
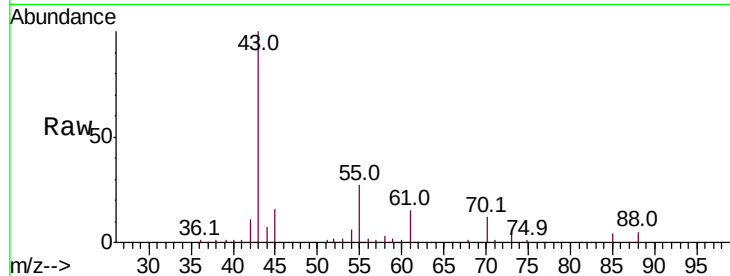




#37
Ethyl Acetate
Concen: 24.020 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

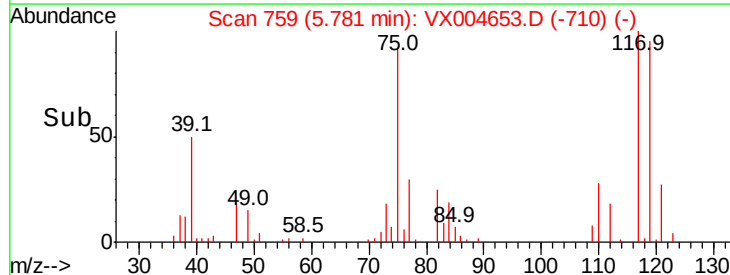
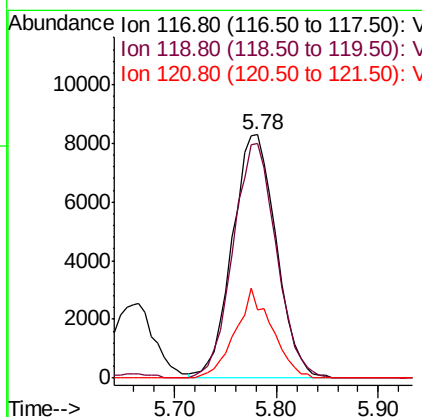
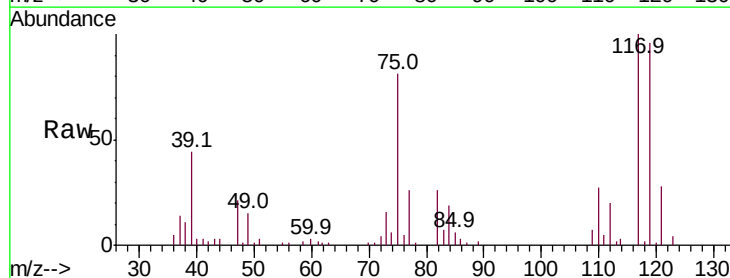
Instrument :
MSVOA_X
ClientSampled :

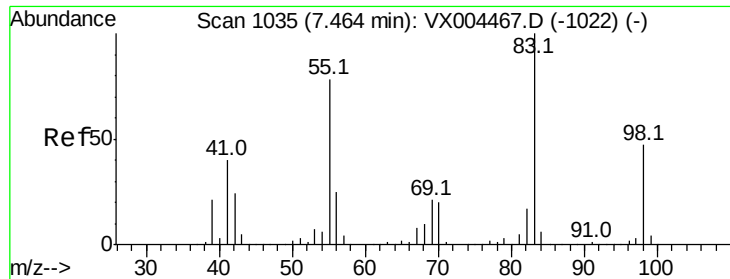
Tot Ion: 43 Resp: 37519
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.528 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion: 117 Resp: 24854
Ion Ratio Lower Upper
117 100
119 96.3 78.8 118.2
121 28.0 24.9 37.3

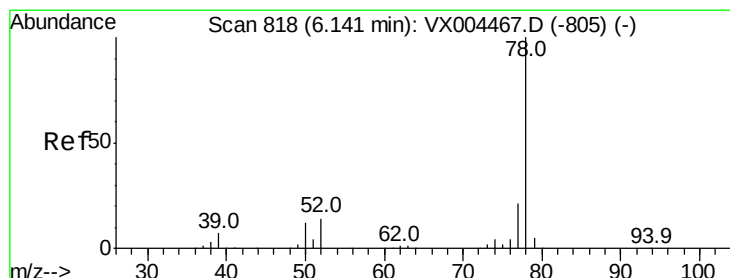
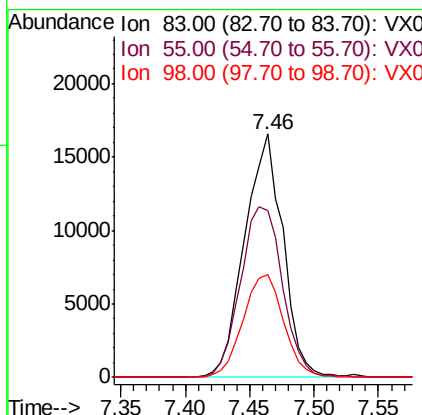
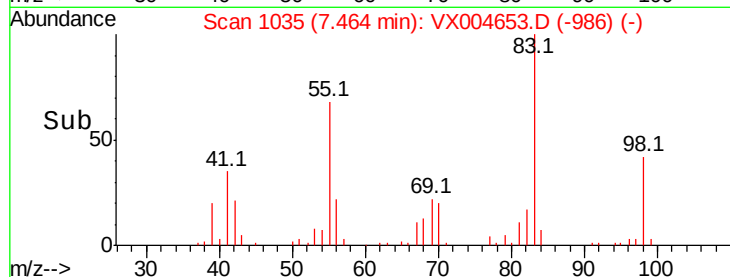
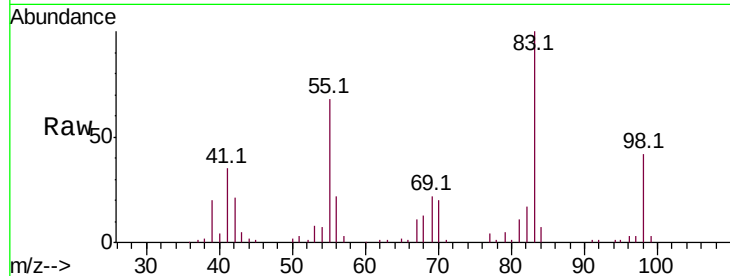




#39
Methvlcvclohexane
Concen: 23.841 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

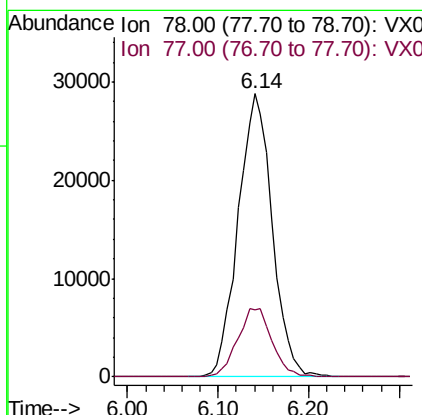
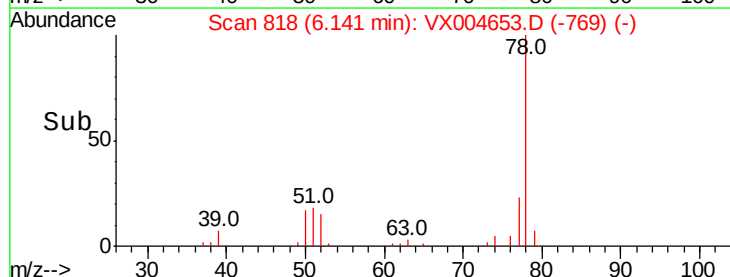
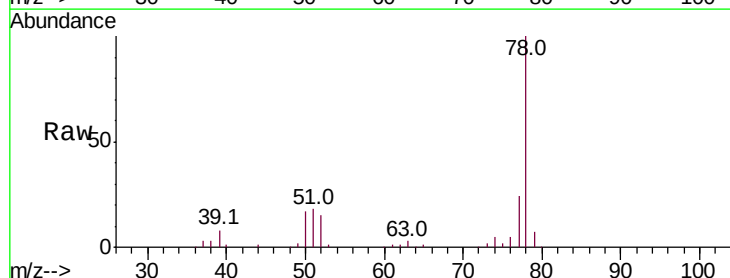
Instrument :
MSVOA_X
ClientSampled :

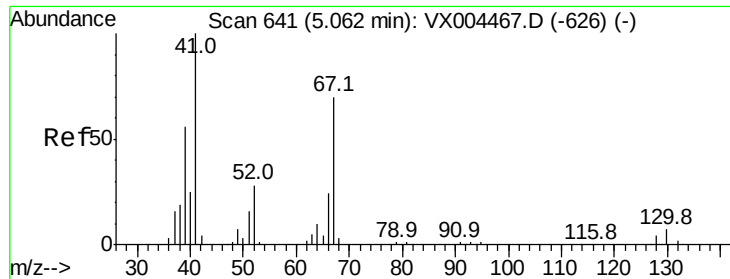
Tot Ion: 83 Resp: 34168
Ion Ratio Lower Upper
83 100
55 68.3 61.0 91.4
98 42.0 39.6 59.4



#40
Benzene
Concen: 18.371 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion: 78 Resp: 74862
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 22.733 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 19565

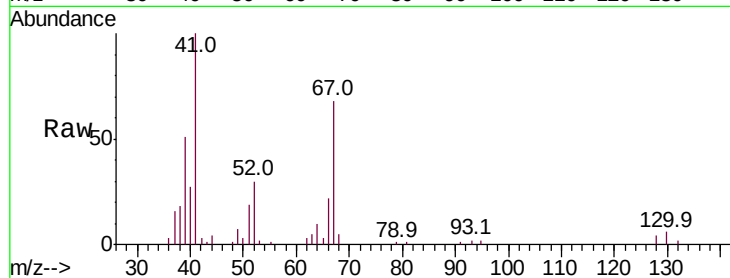
Ion Ratio Lower Upper

41 100

39 53.7 42.4 63.6

67 73.6 59.2 88.8

52 30.1 23.0 34.4



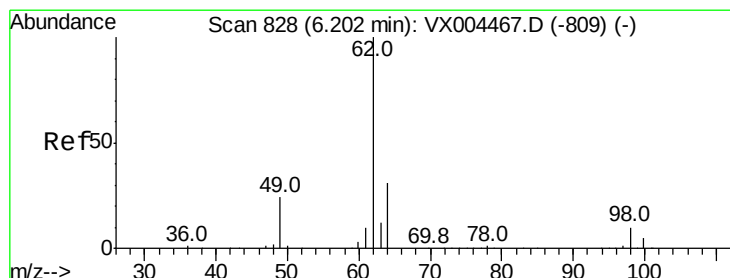
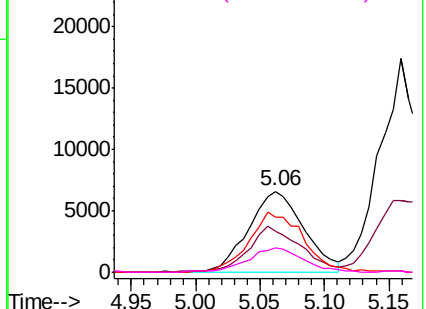
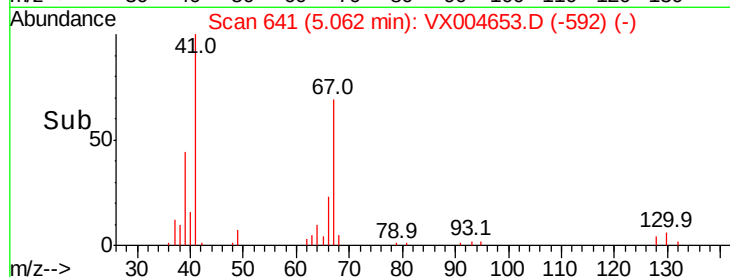
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 16.812 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.00 min

Lab File: VX004653.D

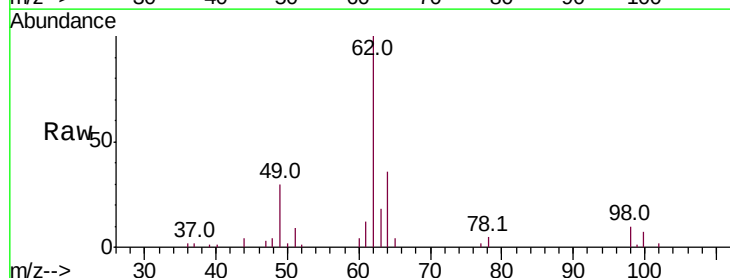
Acq: 18 Sep 2018 13:09

Tgt Ion: 62 Resp: 22722

Ion Ratio Lower Upper

62 100

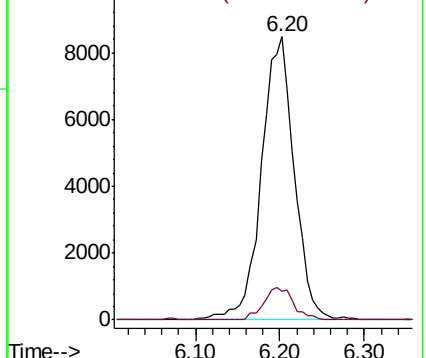
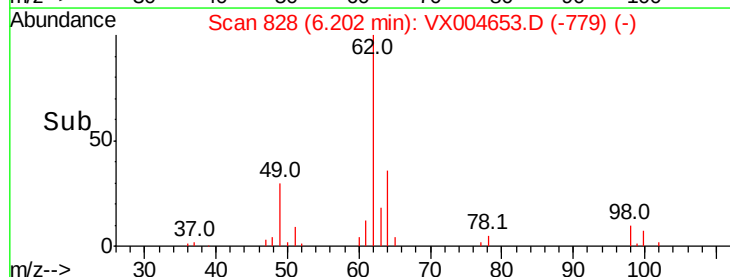
98 10.3 0.0 20.6

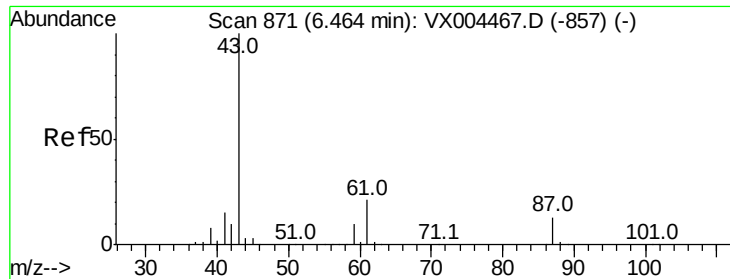


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.502 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

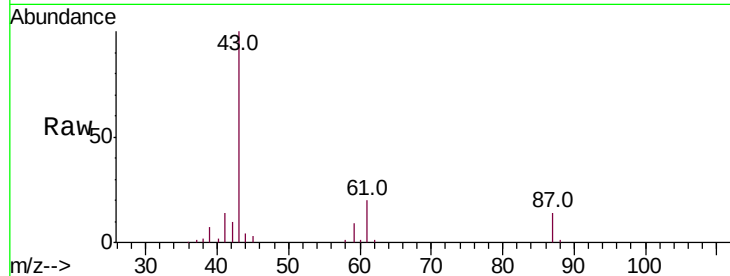
Tot Ion: 43 Resp: 44609

Ion Ratio Lower Upper

43 100

61 21.1 17.0 25.4

87 13.7 11.4 17.2



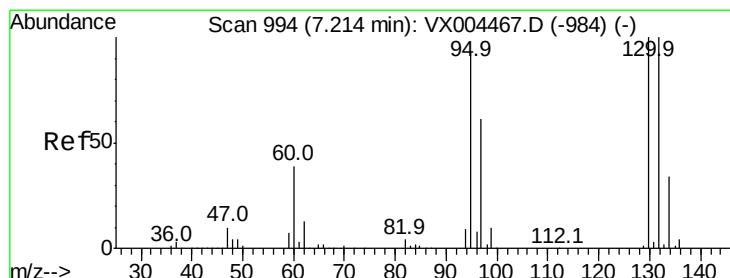
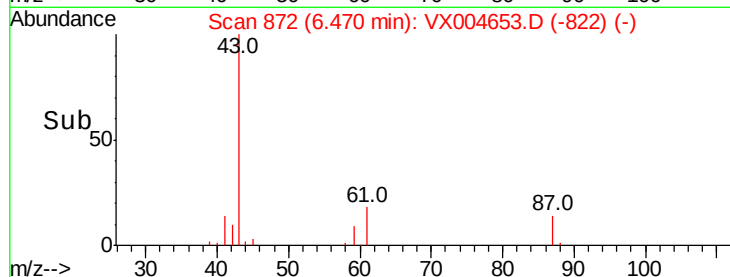
Abundance Ion 43.00 (42.70 to 43.70): VX004467.D (-857) (-)

Ion 61.00 (60.70 to 61.70): VX004467.D (-857) (-)

Ion 87.00 (86.70 to 87.70): VX004467.D (-857) (-)

6.47

Time-->



#44

Trichloroethene

Concen: 19.640 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004653.D

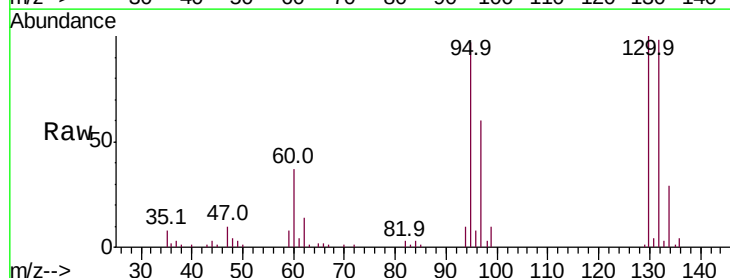
Acq: 18 Sep 2018 13:09

Tgt Ion:130 Resp: 20792

Ion Ratio Lower Upper

130 100

95 97.0 0.0 181.6

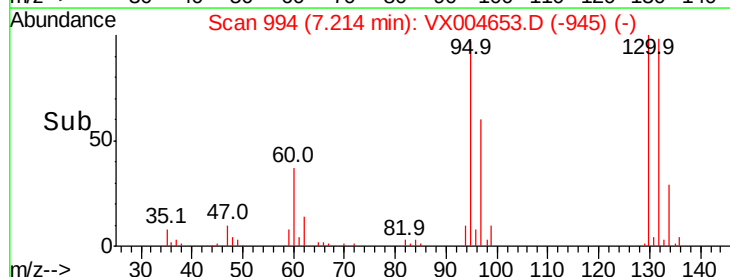


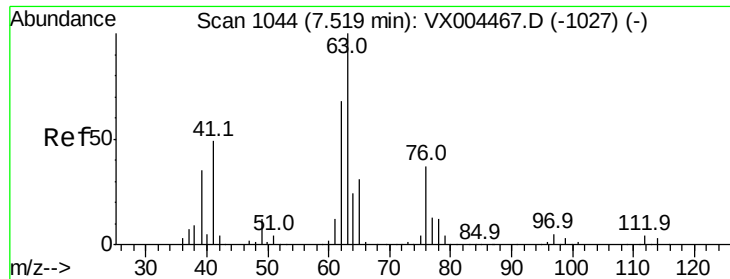
Abundance Ion 129.80 (129.50 to 130.50): VX004467.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX004467.D (-984) (-)

7.21

Time-->

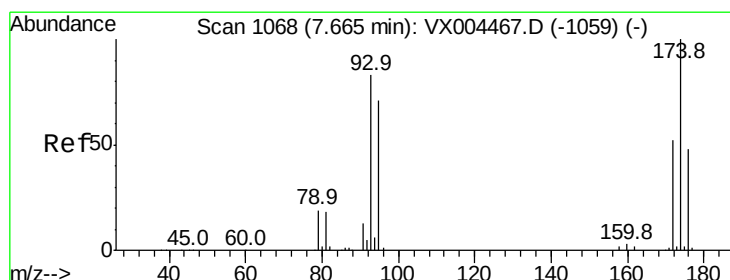
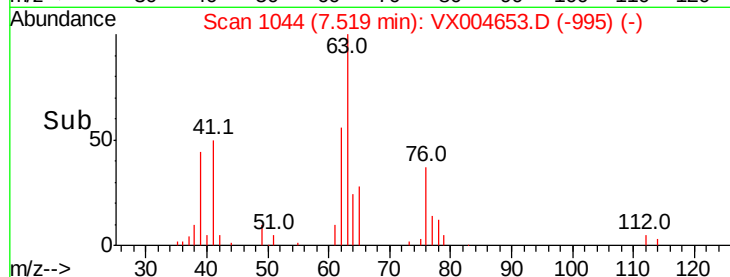
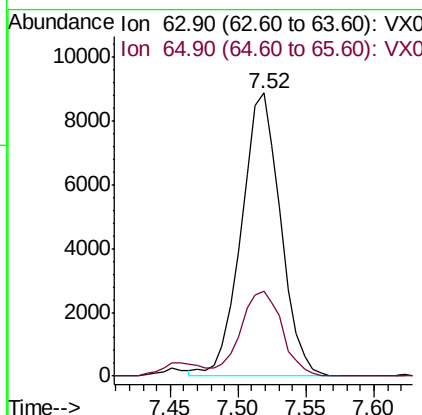
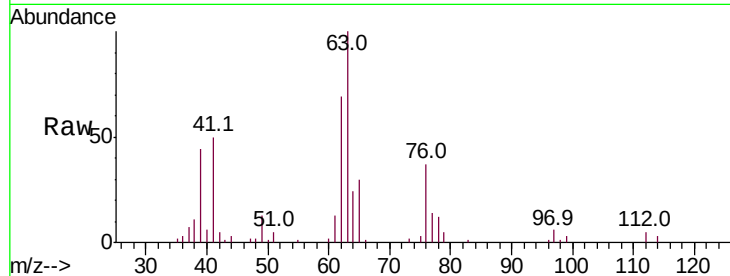




#45
 1,2-Dichloropropane
 Concen: 18.294 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

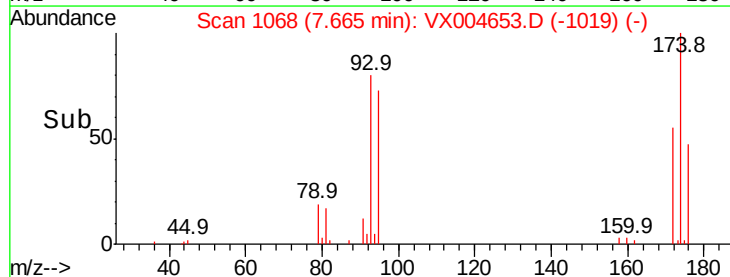
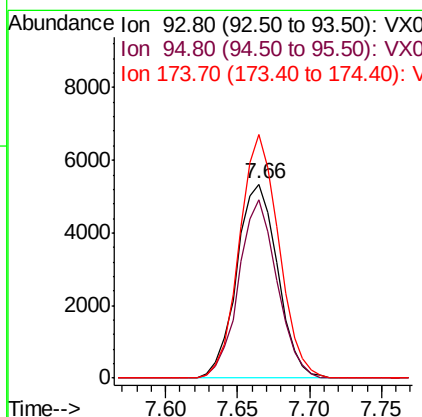
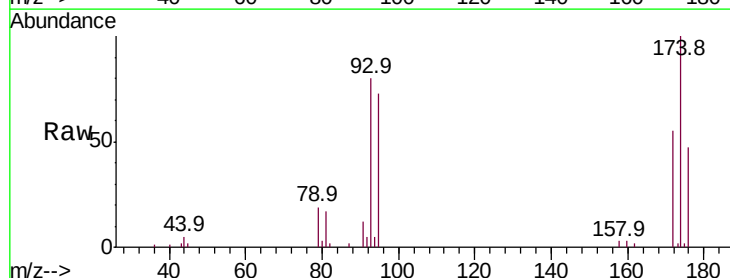
Instrument :
 MSVOA_X
 ClientSampleId :

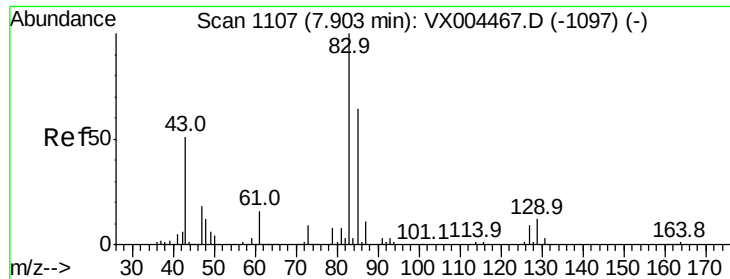
Tot Ion: 63 Resp: 17938
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5



#46
 Dibromomethane
 Concen: 17.026 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion: 93 Resp: 10547
 Ion Ratio Lower Upper
 93 100
 95 86.3 65.5 98.3
 174 120.6 94.2 141.4





#47

Bromodichloromethane

Concen: 16.952 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

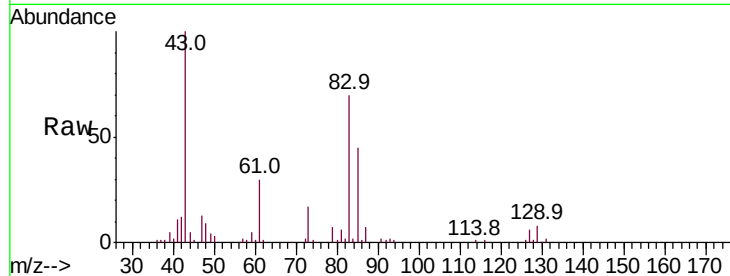
Tot Ion: 83 Resp: 19858

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3

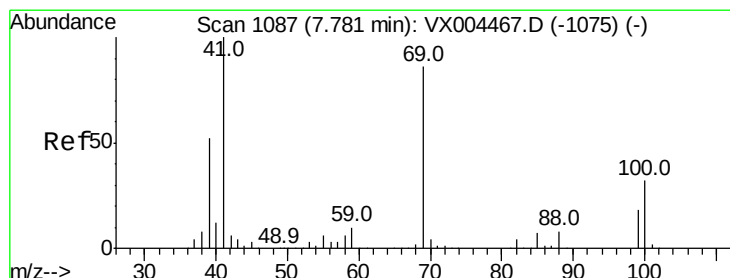
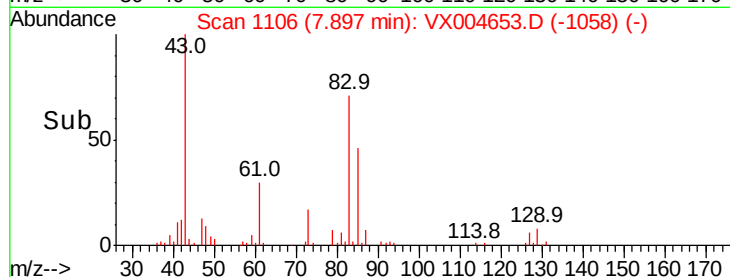
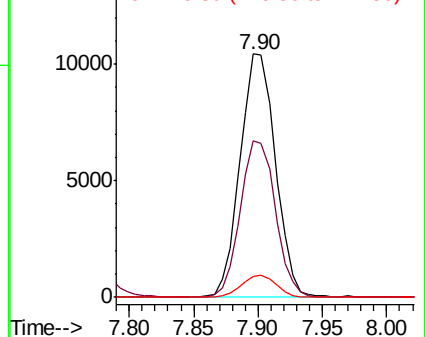
127 8.3 7.3 10.9



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: 20.025 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

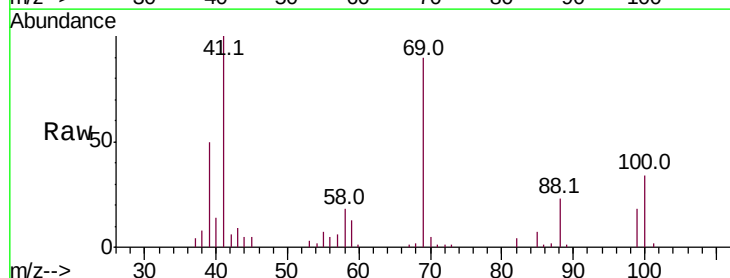
Tgt Ion: 41 Resp: 20561

Ion Ratio Lower Upper

41 100

69 86.6 70.2 105.4

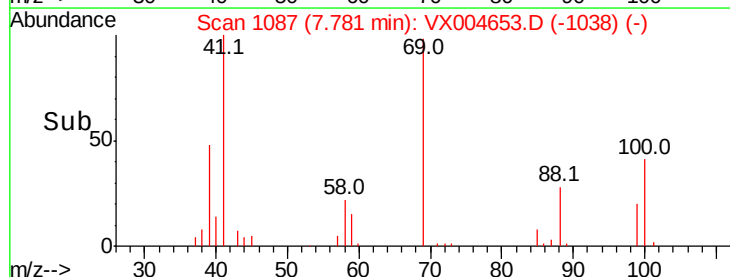
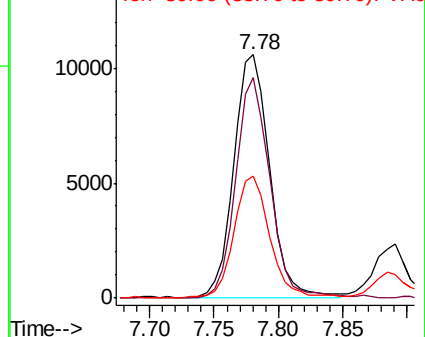
39 50.2 42.7 64.1

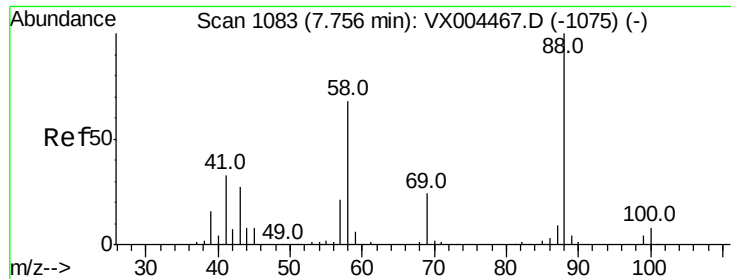


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

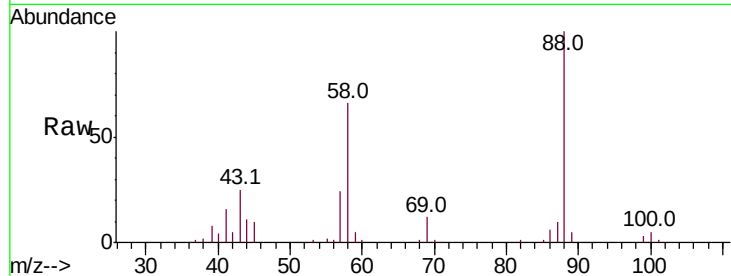




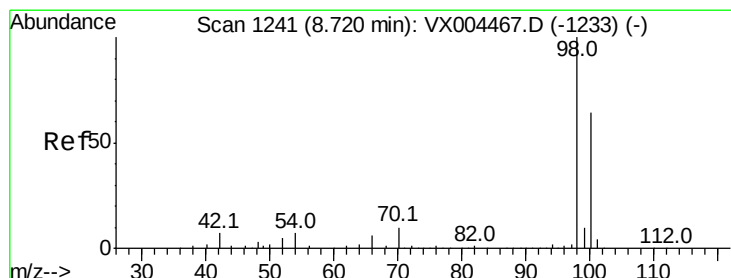
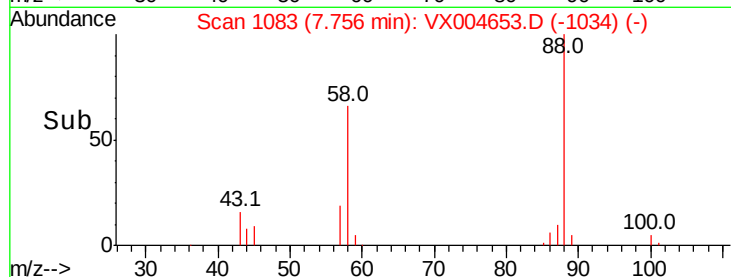
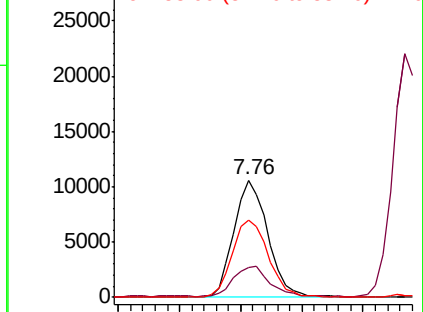
#49
1,4-Dioxane
Concen: 841.439 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 20448
Ion Ratio Lower Upper
88 100
43 27.6 24.7 37.1
58 70.5 55.3 82.9

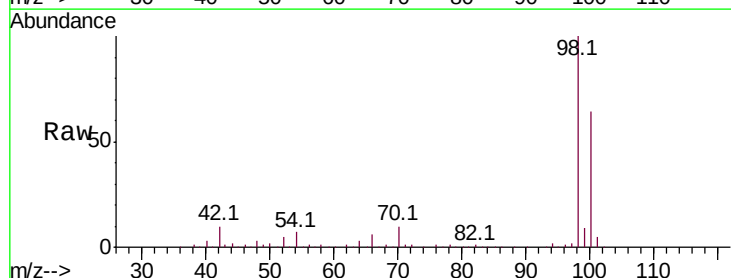


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

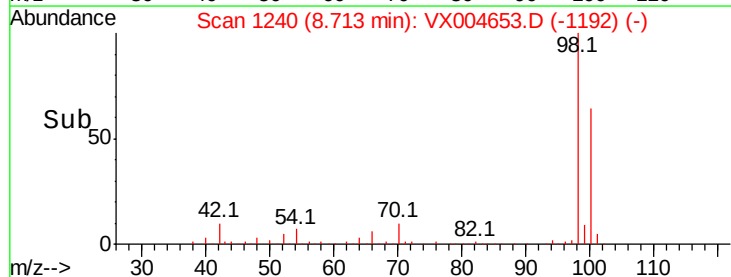
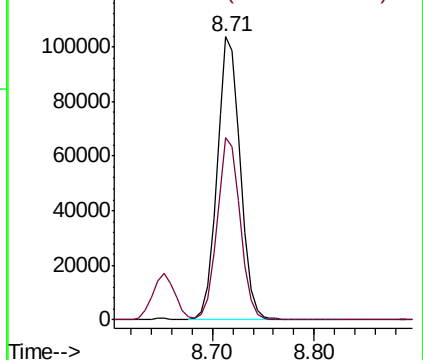


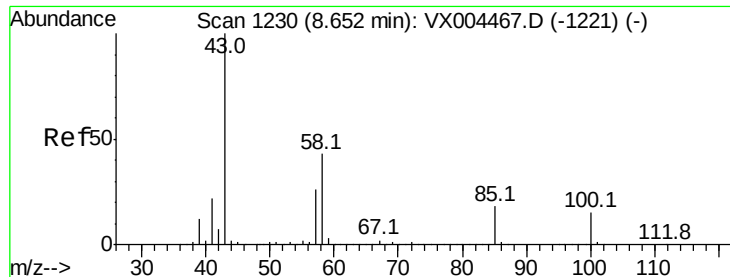
#50
Toluene-d8
Concen: 47.143 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion: 98 Resp: 163659
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 117.871 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

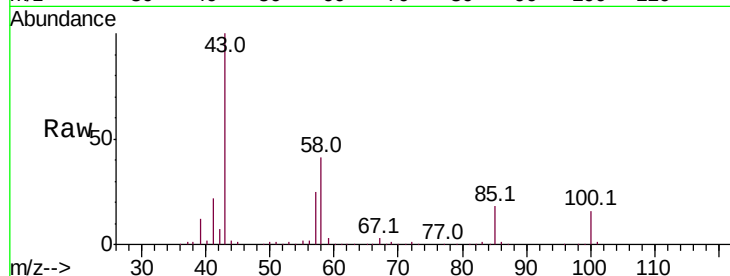
ClientSampleId :

Tot Ion: 43 Resp: 172575

Ion Ratio Lower Upper

43 100

58 39.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

120000

100000

80000

60000

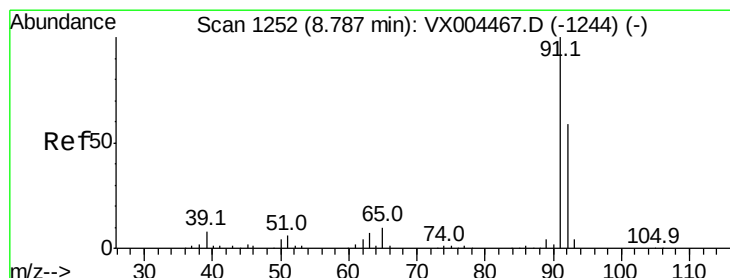
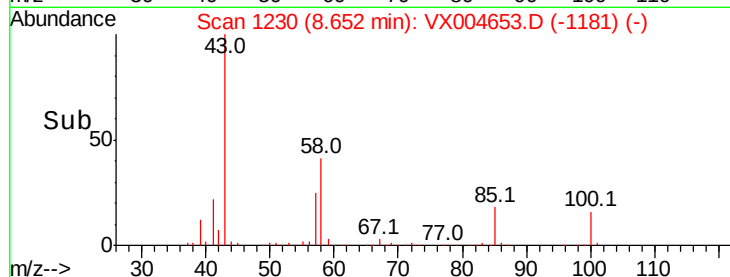
40000

20000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 18.330 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004653.D

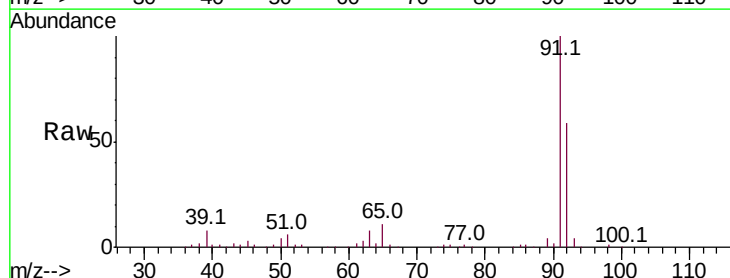
Acq: 18 Sep 2018 13:09

Tgt Ion: 92 Resp: 44008

Ion Ratio Lower Upper

92 100

91 171.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

50000

40000

30000

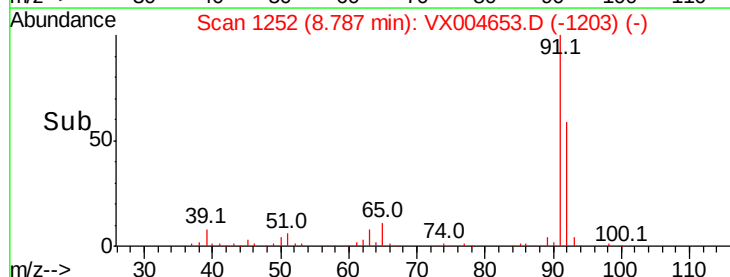
20000

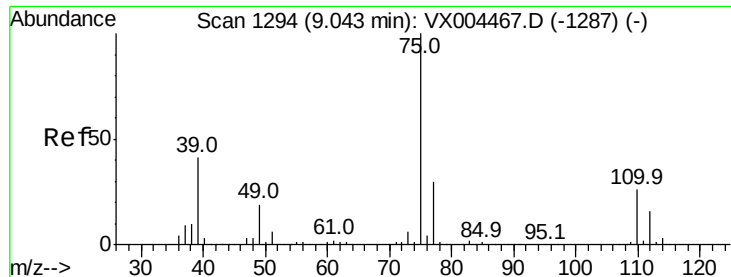
10000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 14.831 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

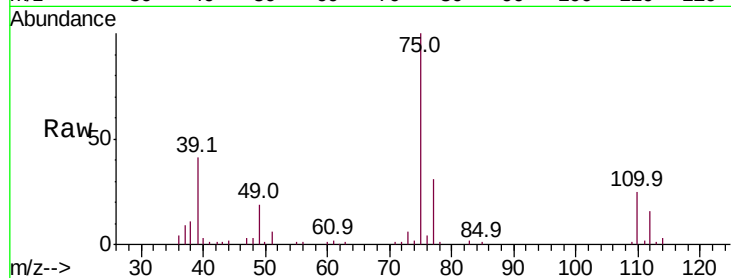
ClientSampleId :

Tot Ion: 75 Resp: 20295

Ion Ratio Lower Upper

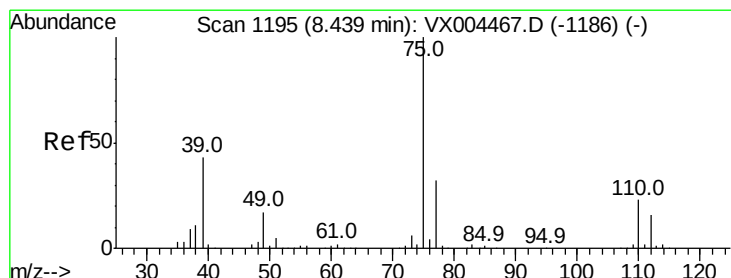
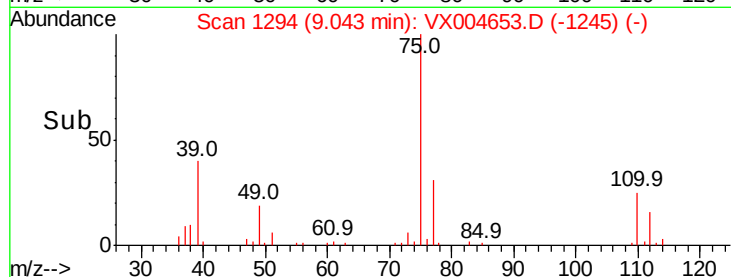
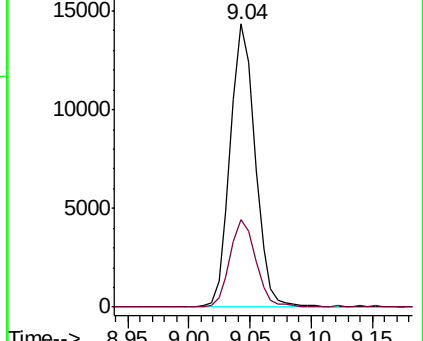
75 100

77 30.7 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.601 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

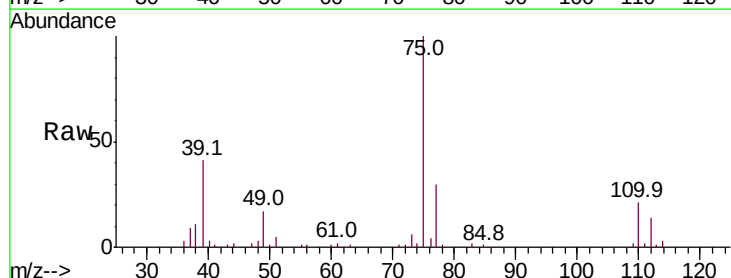
Tgt Ion: 75 Resp: 23158

Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.2

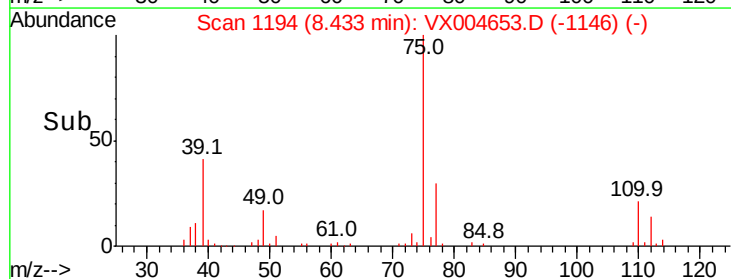
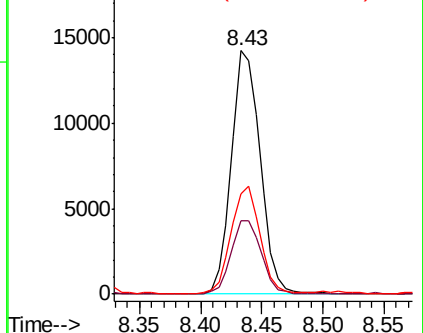
39 41.0 36.4 54.6

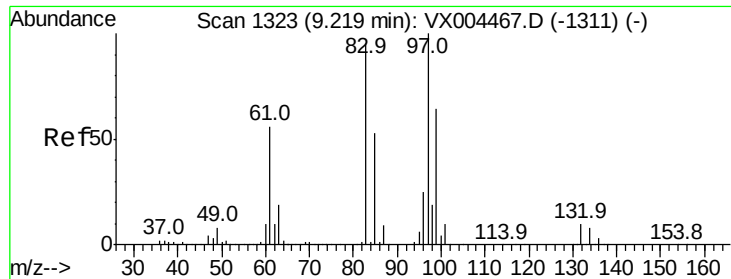


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 16.295 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 16845

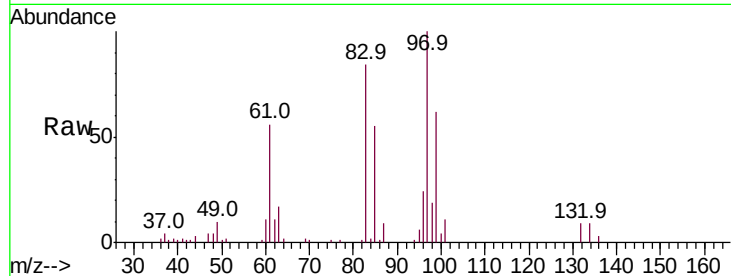
Ion Ratio Lower Upper

97 100

83 83.8 66.4 99.6

85 55.0 43.3 64.9

99 62.4 49.0 73.4

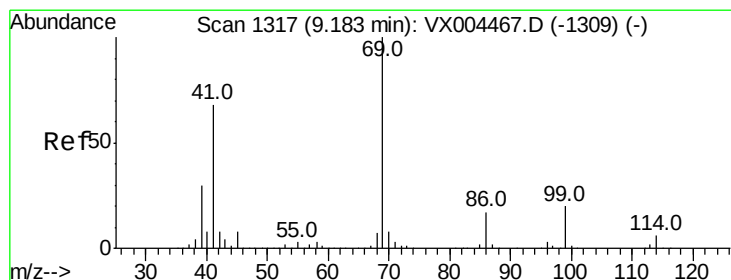
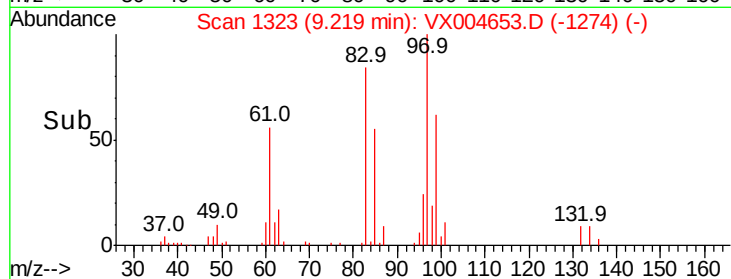
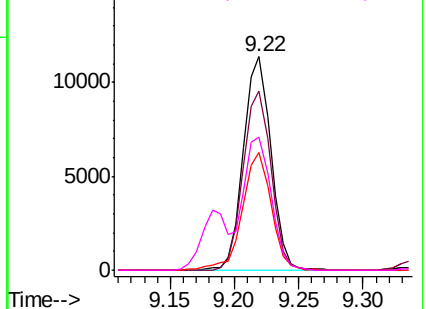


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 15.941 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

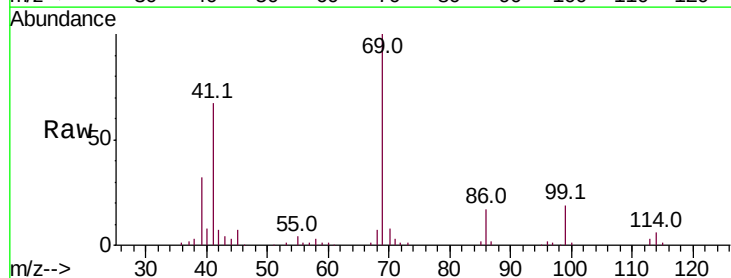
Tgt Ion: 69 Resp: 23313

Ion Ratio Lower Upper

69 100

41 65.7 51.0 76.4

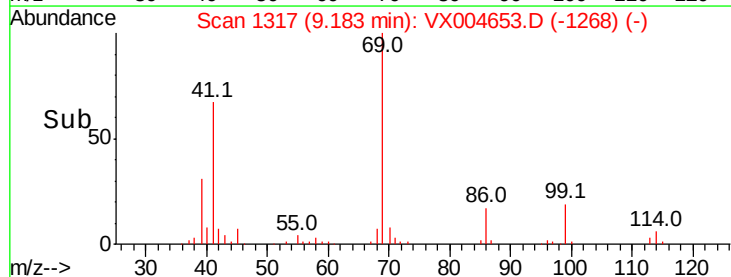
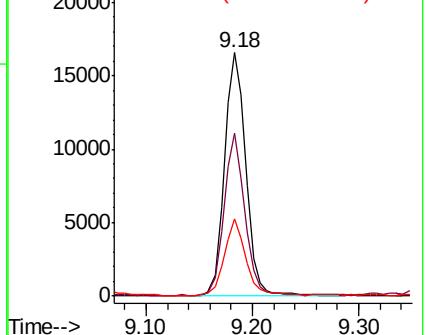
39 32.3 26.1 39.1

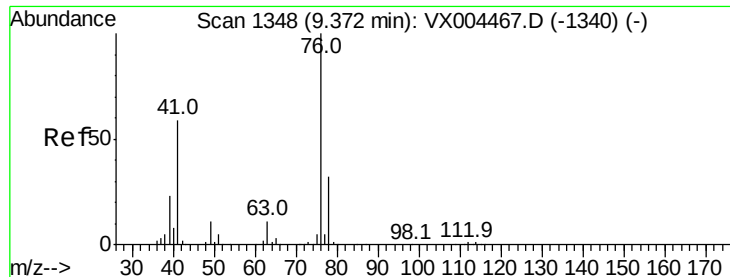


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 16.790 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

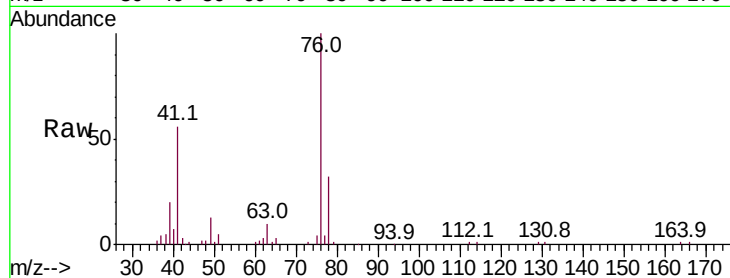
ClientSampleId :

Tot Ion: 76 Resp: 28201

Ion Ratio Lower Upper

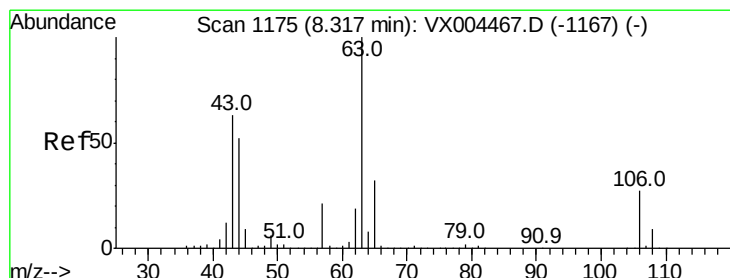
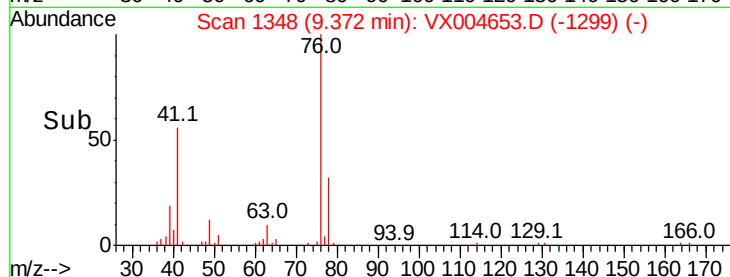
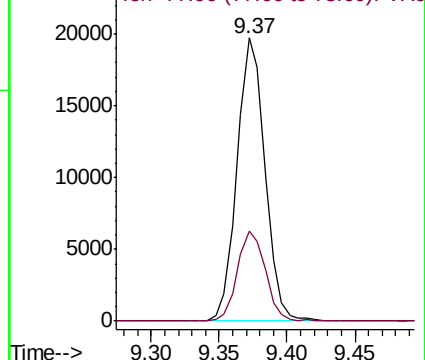
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 86.761 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004653.D

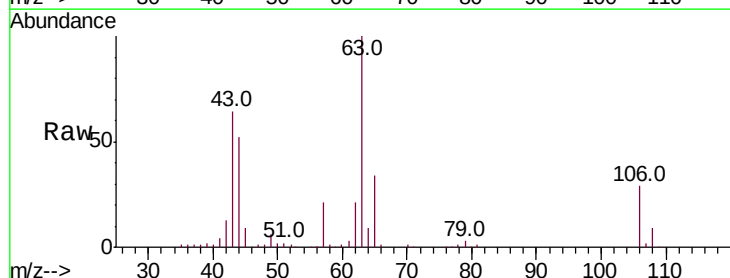
Acq: 18 Sep 2018 13:09

Tgt Ion: 63 Resp: 61001

Ion Ratio Lower Upper

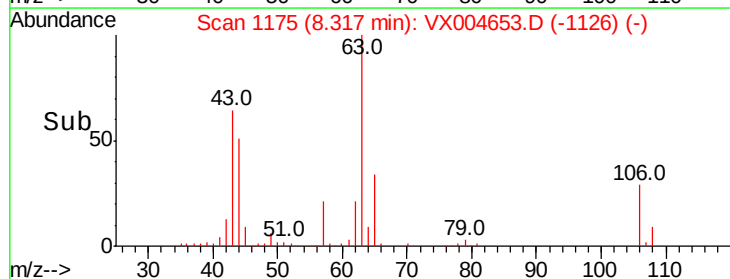
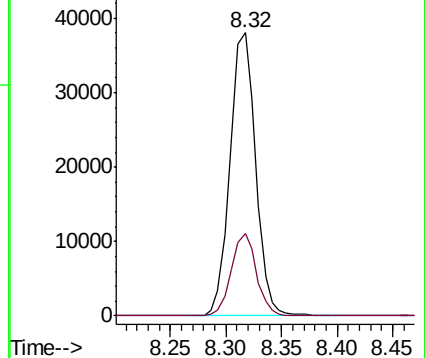
63 100

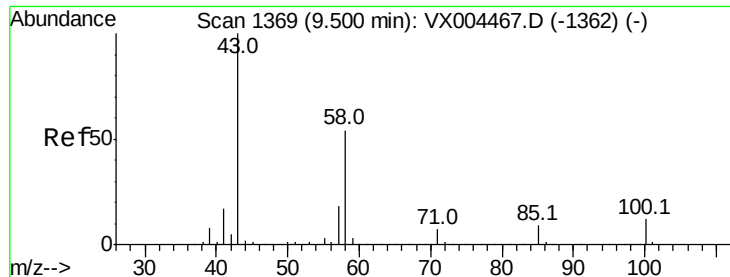
106 28.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

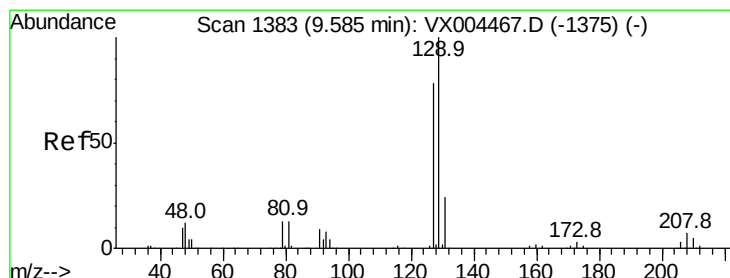
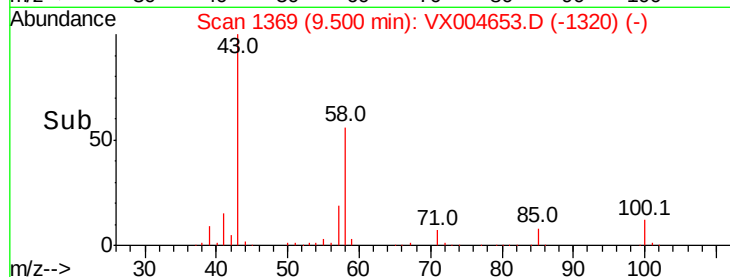
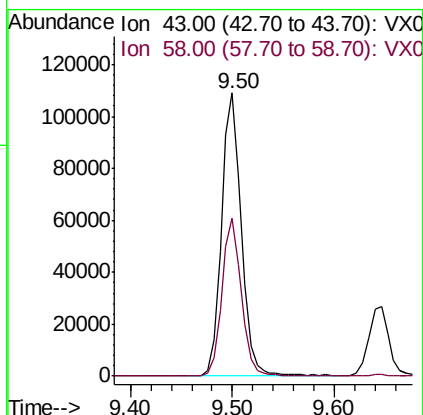
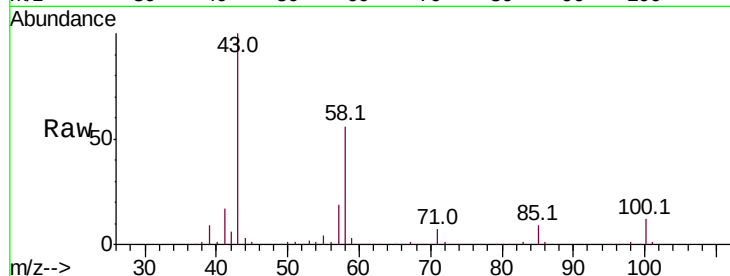




#59
2-Hexanone
Concen: 131.832 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

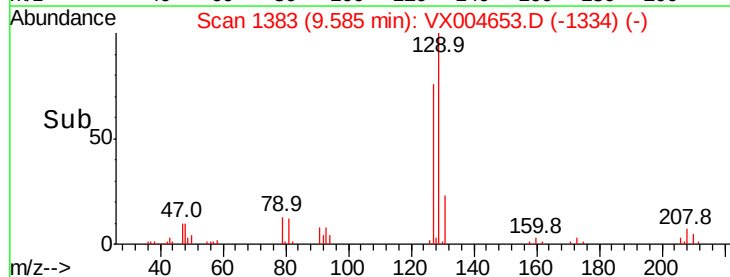
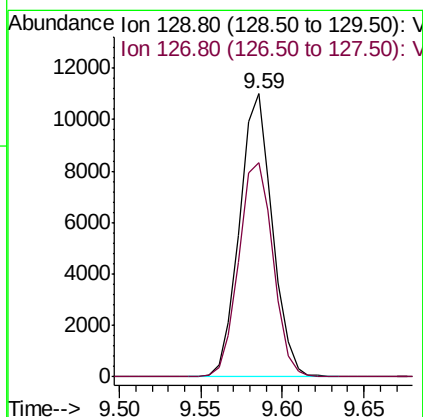
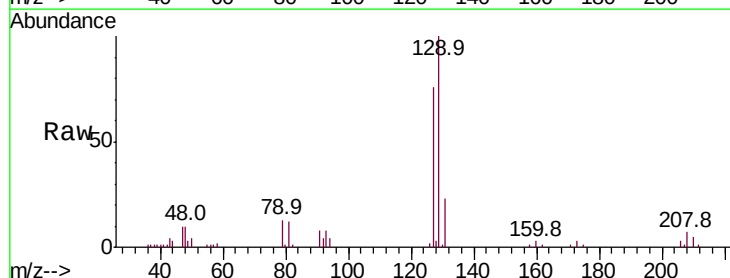
Instrument :
MSVOA_X
ClientSampleId :

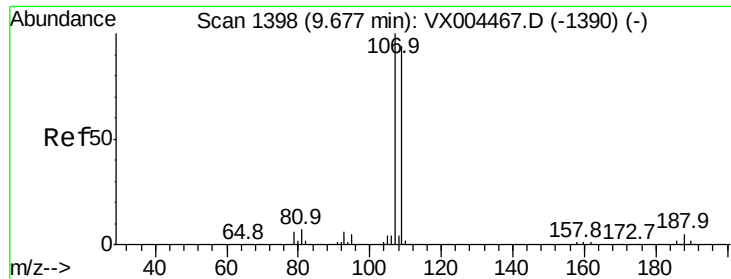
Tot Ion: 43 Resp: 148050
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0



#60
Dibromochloromethane
Concen: 15.913 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion:129 Resp: 15487
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.395 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

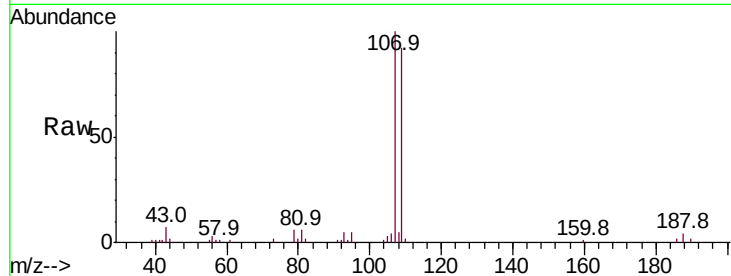
ClientSampleId :

Tot Ion:107 Resp: 17178

Ion Ratio Lower Upper

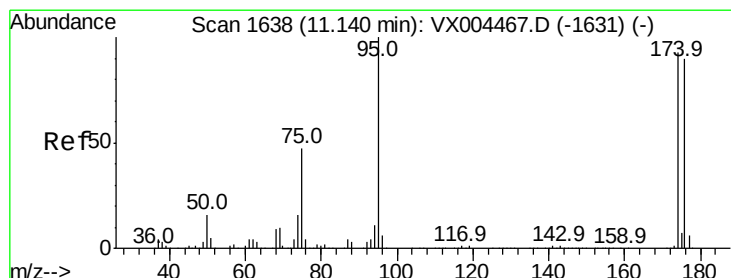
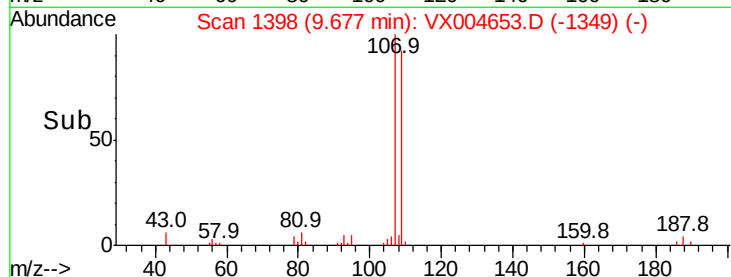
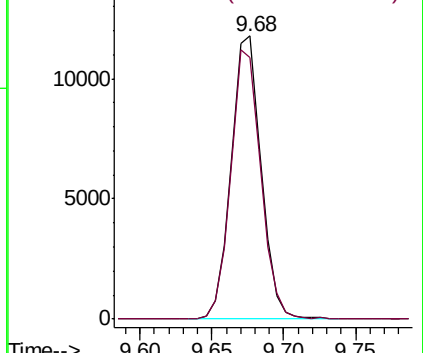
107 100

109 95.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.018 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

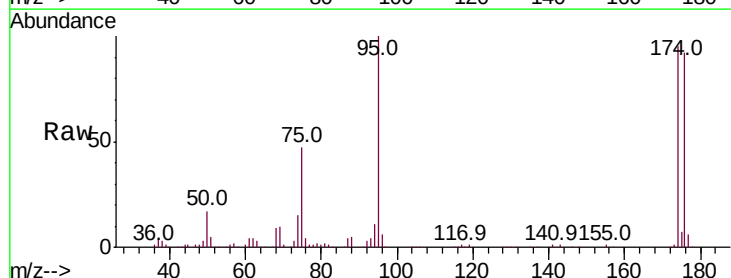
Tgt Ion: 95 Resp: 52068

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

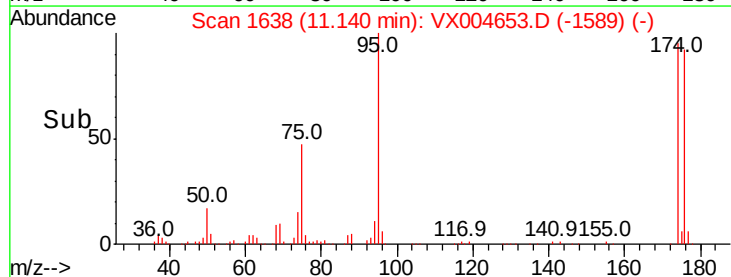
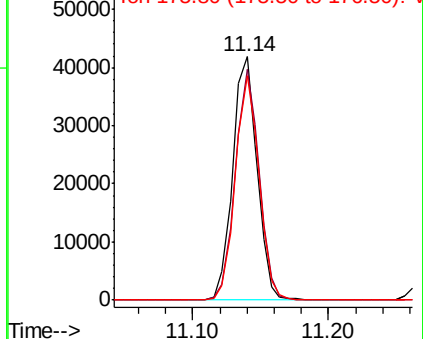
176 89.8 0.0 178.6

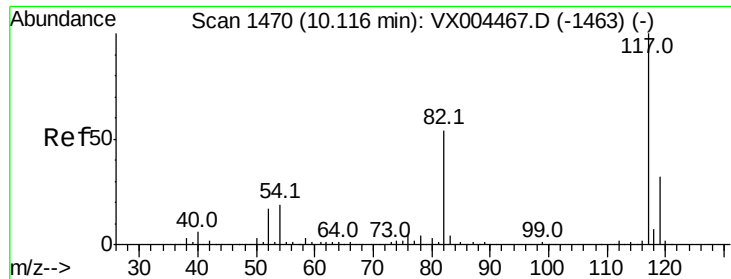


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

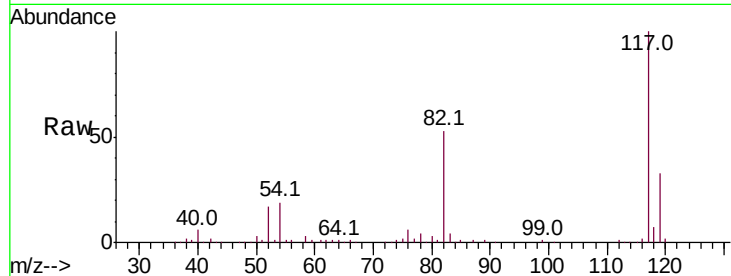




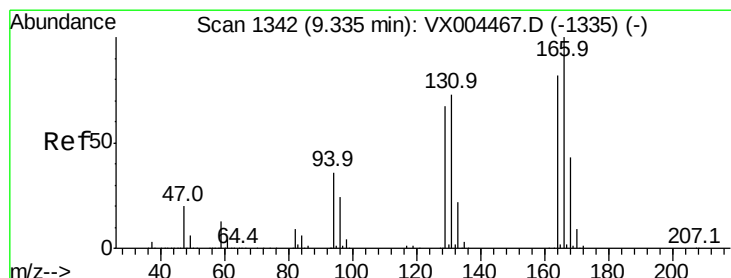
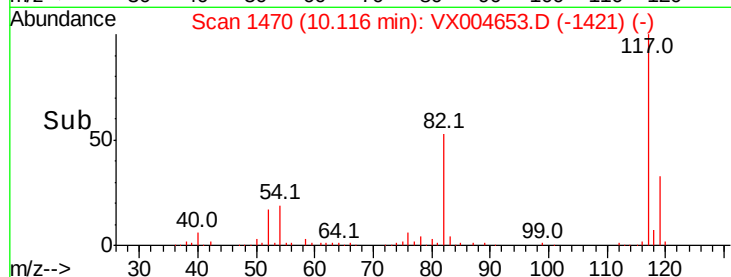
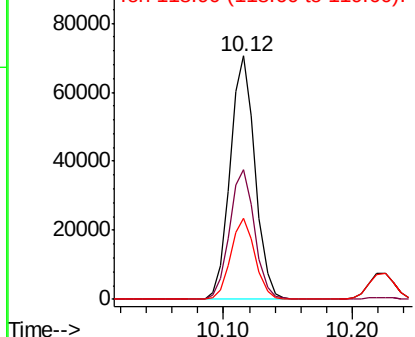
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 95780
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 33.2 29.3 43.9

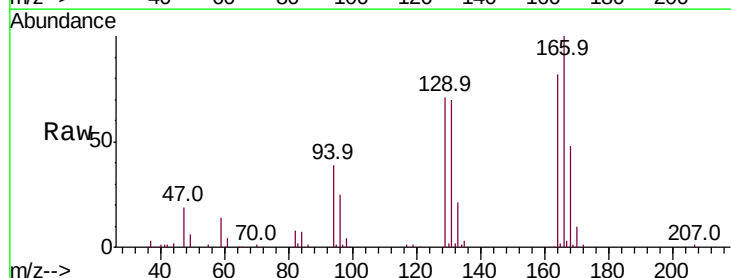


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

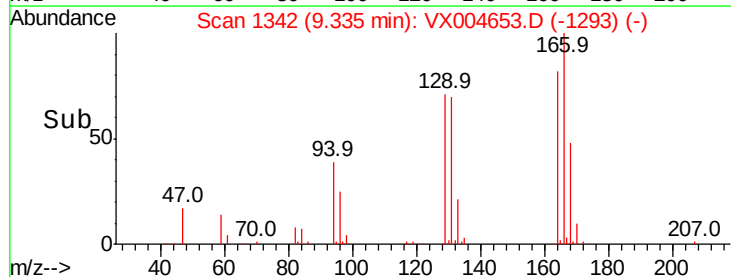
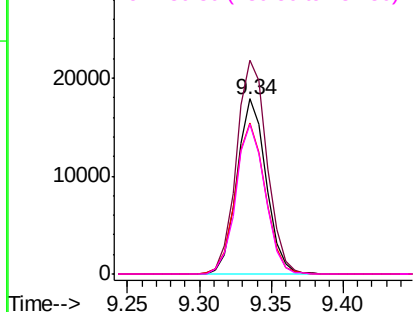


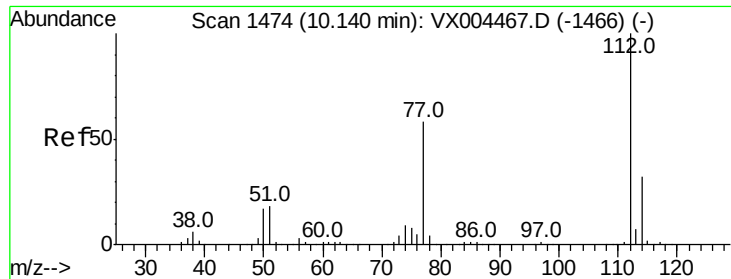
#64
Tetrachloroethene
Concen: 21.050 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion:164 Resp: 25172
Ion Ratio Lower Upper
164 100
166 121.9 102.8 154.2
129 86.0 69.4 104.0
131 85.1 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

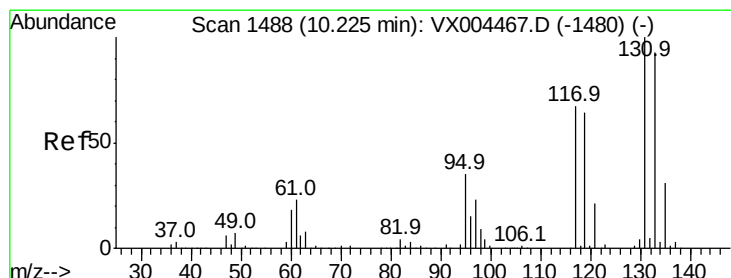
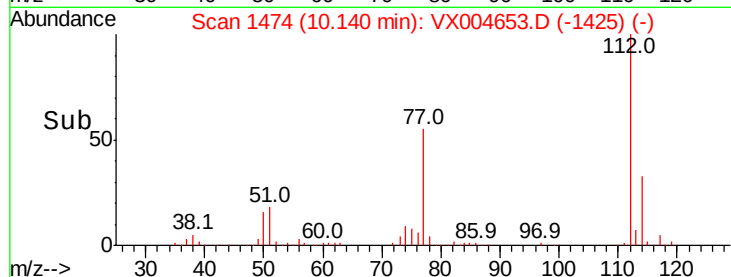
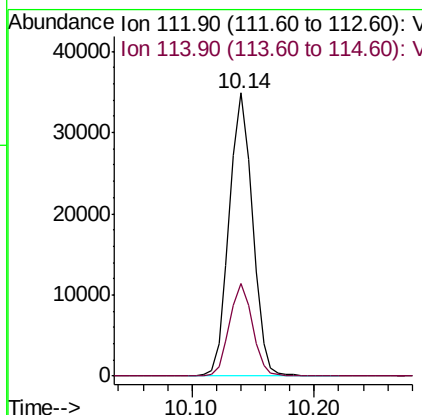
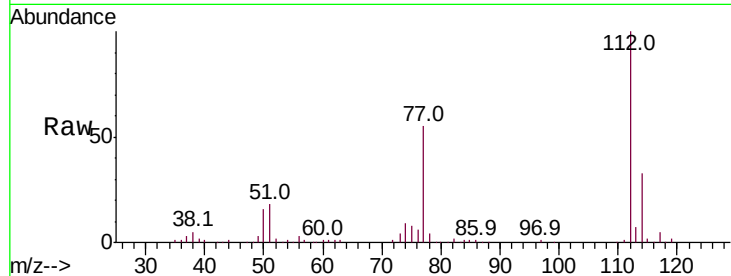




#65
Chlorobenzene
Concen: 19.398 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

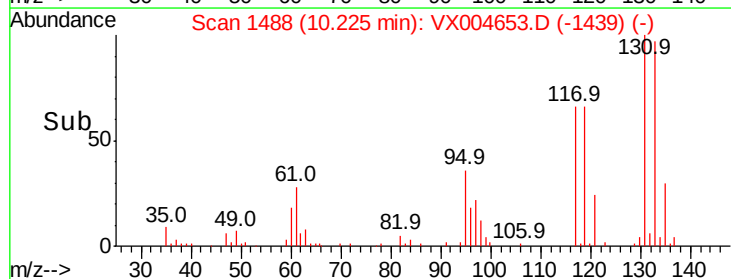
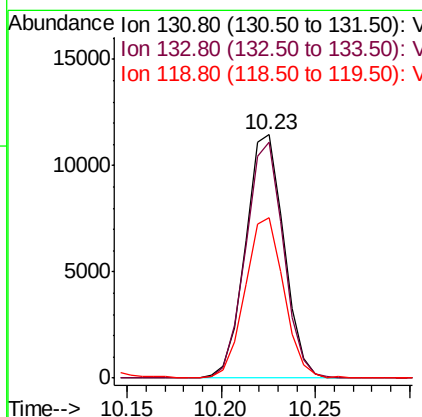
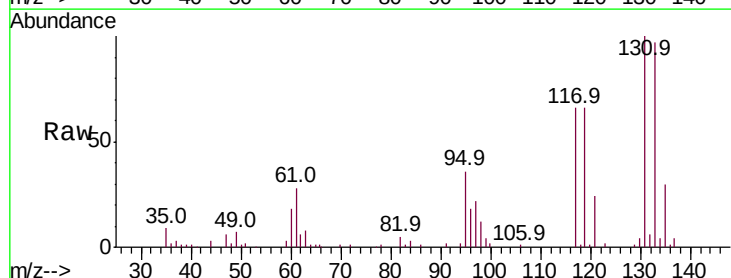
Instrument :
MSVOA_X
ClientSampleId :

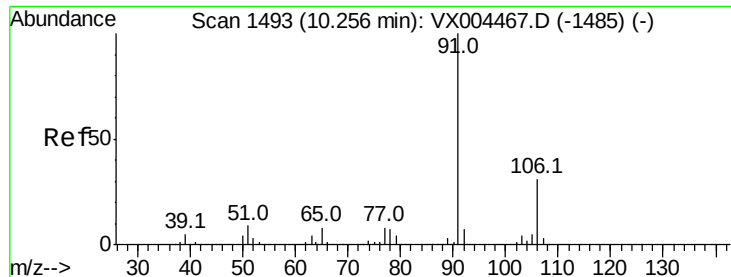
Tot Ion:112 Resp: 46149
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.751 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion:131 Resp: 16204
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 66.1 32.9 98.6





#67

Ethyl Benzene

Concen: 20.254 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

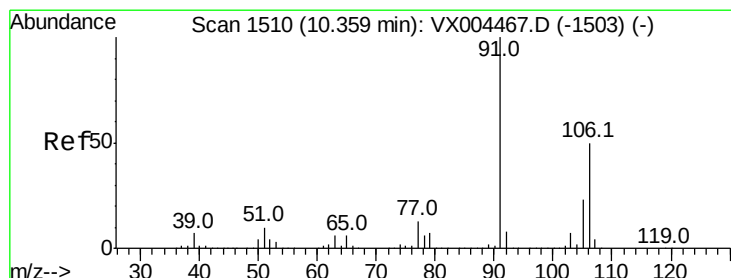
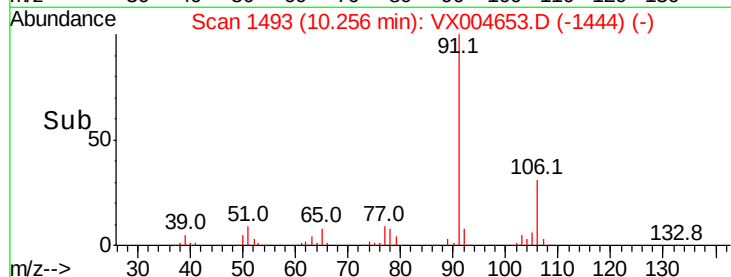
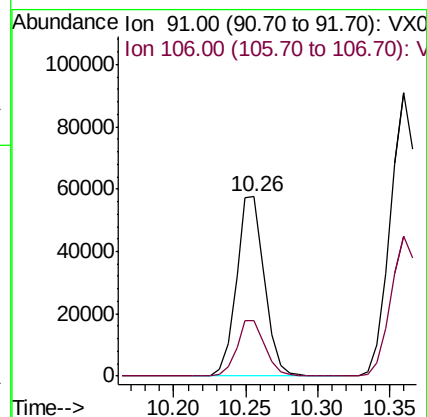
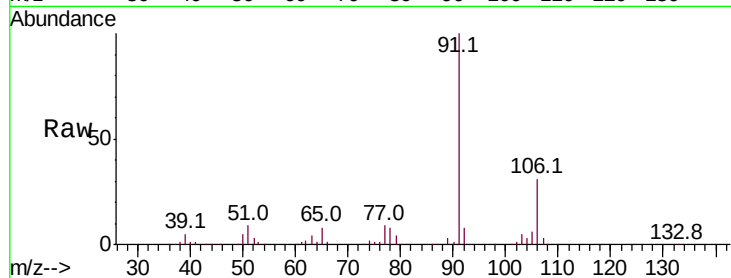
ClientSampleId :

Tot Ion: 91 Resp: 78352

Ion Ratio Lower Upper

91 100

106 31.0 25.9 38.9



#68

m/p-Xylenes

Concen: 40.188 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX004653.D

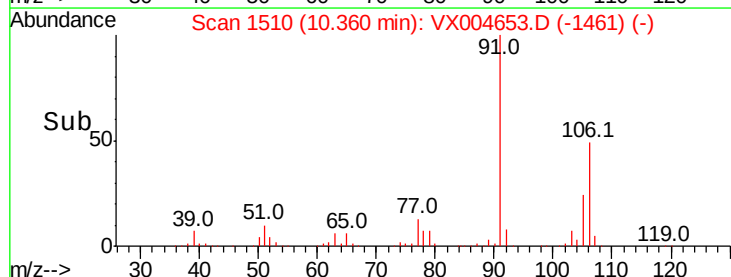
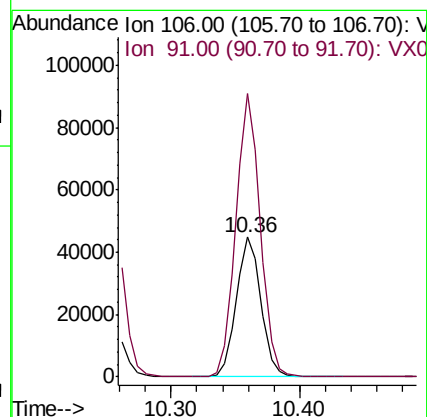
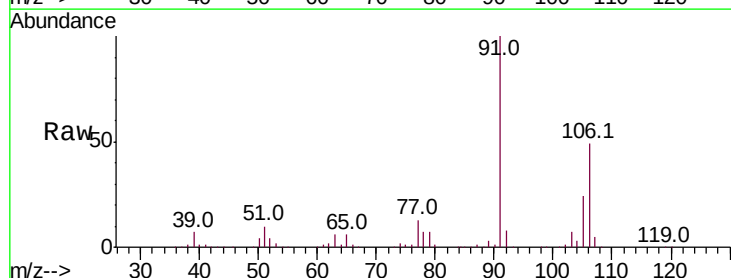
Acq: 18 Sep 2018 13:09

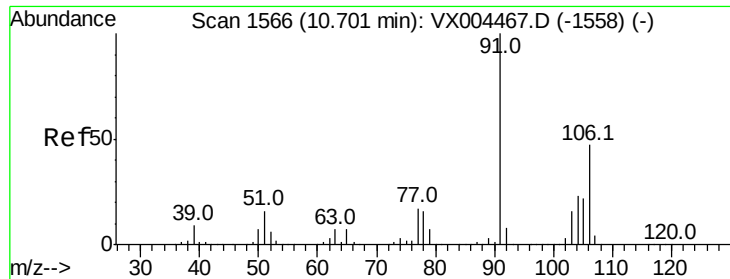
Tgt Ion: 106 Resp: 59886

Ion Ratio Lower Upper

106 100

91 201.4 157.1 235.7

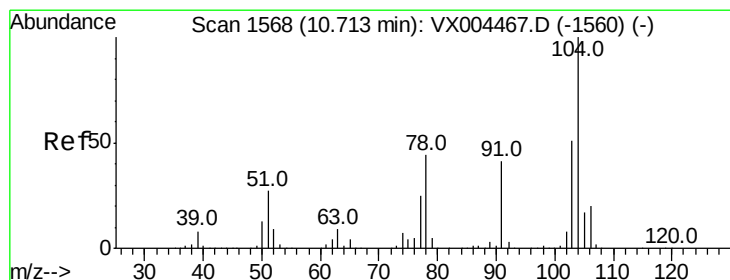
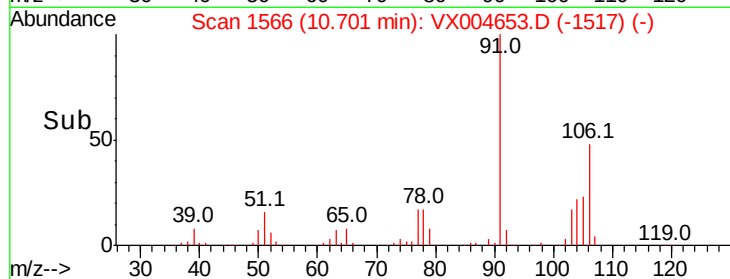
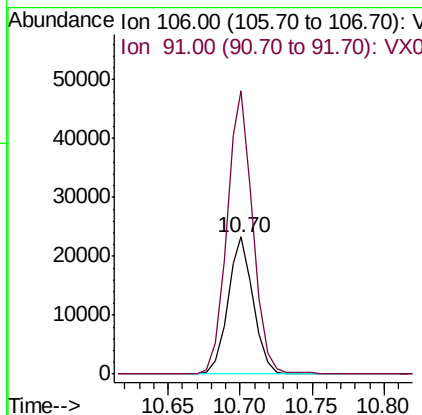
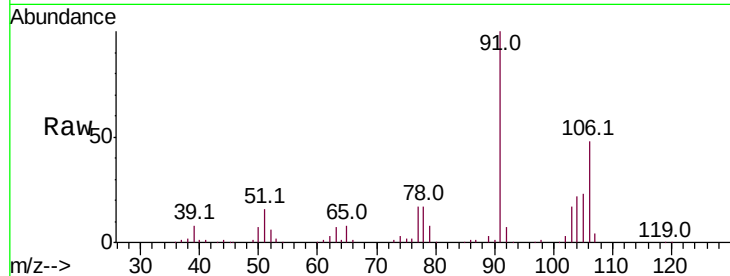




#69
o-Xylene
Concen: 20.065 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

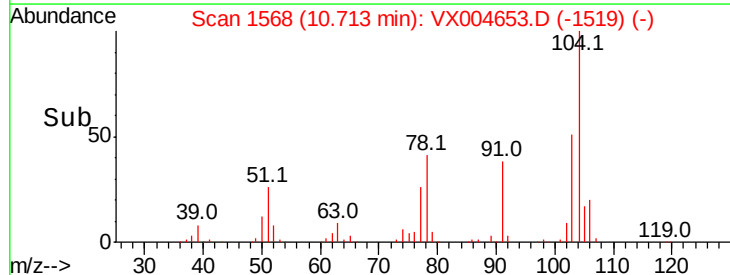
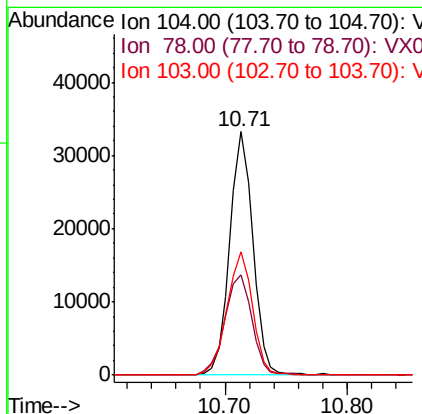
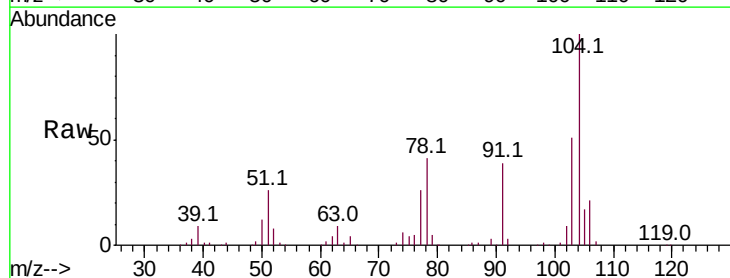
Instrument :
MSVOA_X
ClientSampled :

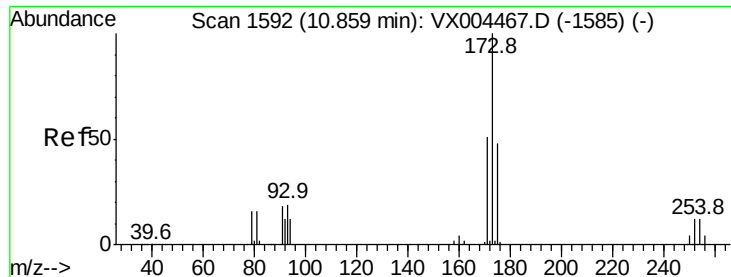
Tot Ion:106 Resp: 28746
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.1



#70
Styrene
Concen: 18.376 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion:104 Resp: 43613
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 55.8 43.8 65.6





#71

Bromoform

Concen: 18.713 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

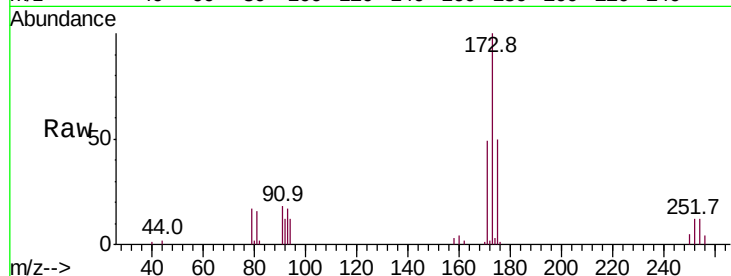
Tot Ion:173 Resp: 12606

Ion Ratio Lower Upper

173 100

175 50.0 24.1 72.3

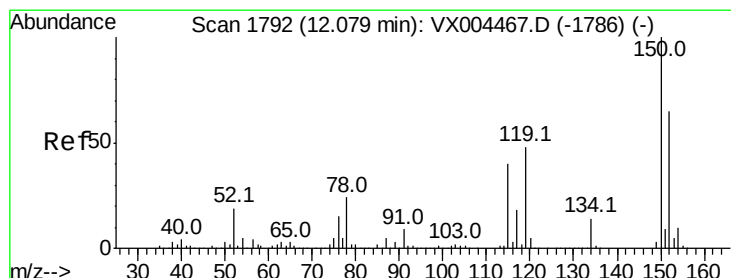
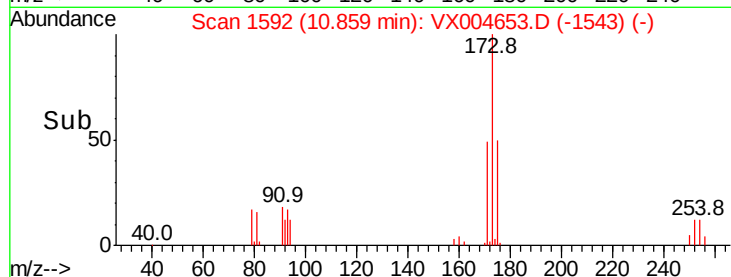
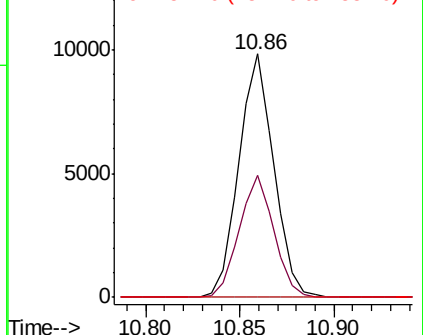
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

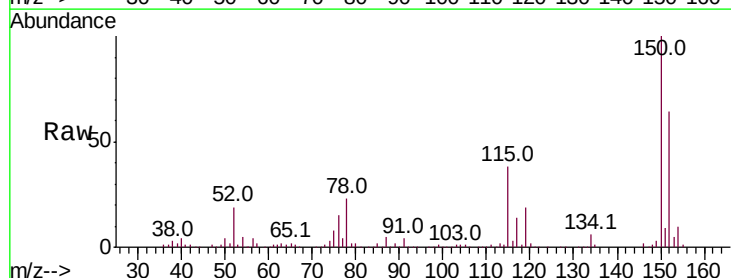
Tgt Ion:152 Resp: 52305

Ion Ratio Lower Upper

152 100

115 66.7 39.0 117.0

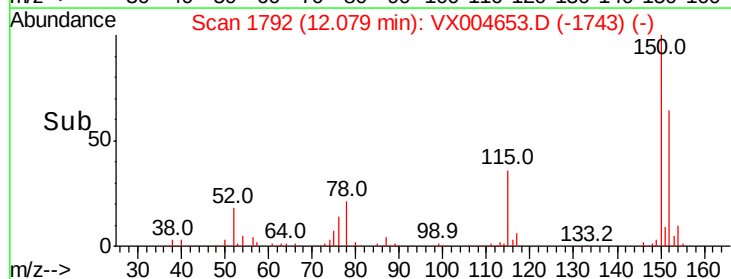
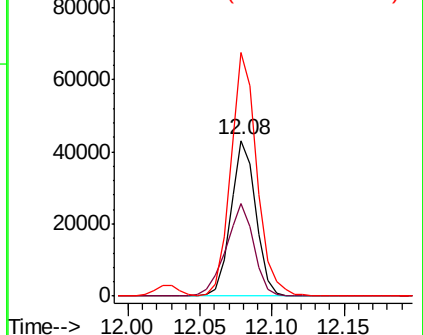
150 164.4 0.0 351.0

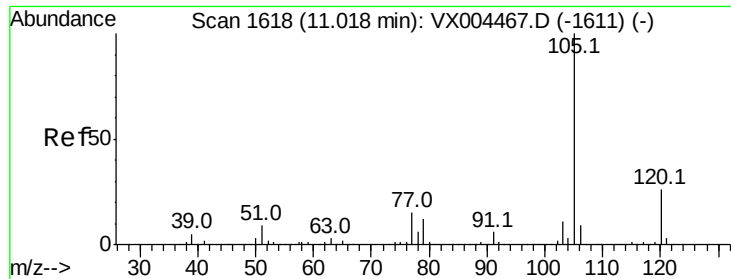


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

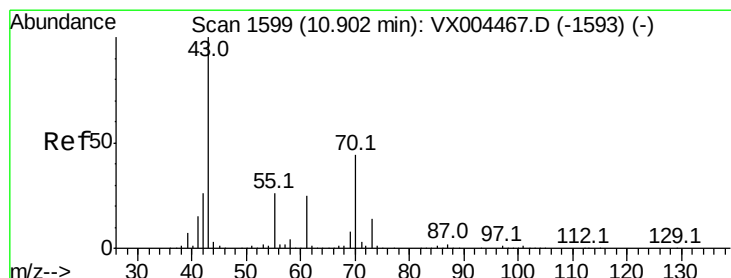
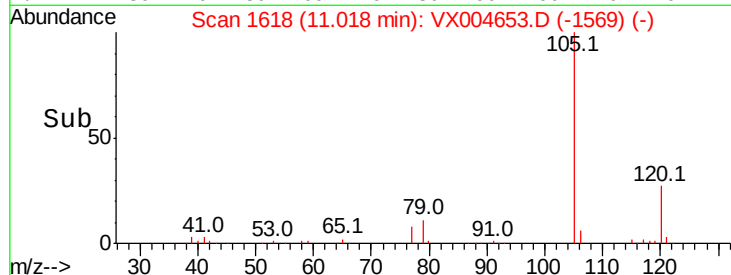
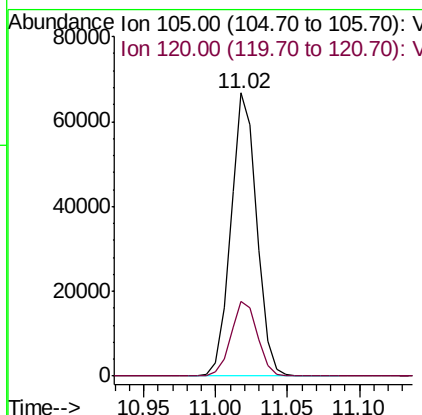
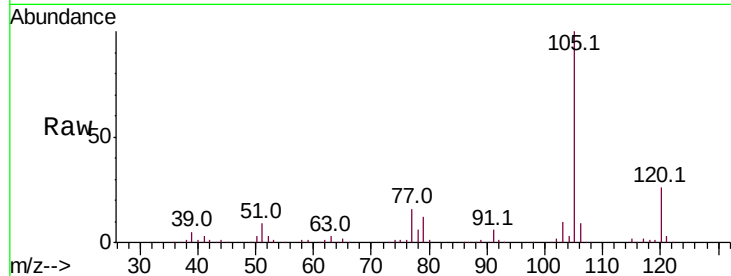




#73
Isopropylbenzene
Concen: 24.412 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

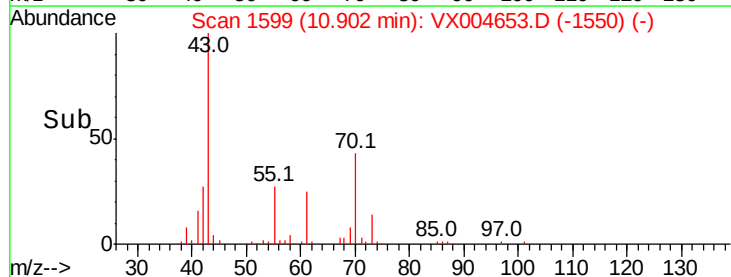
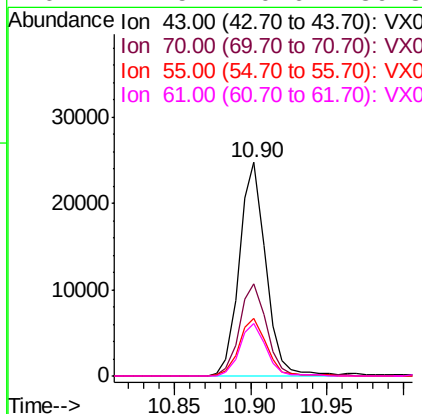
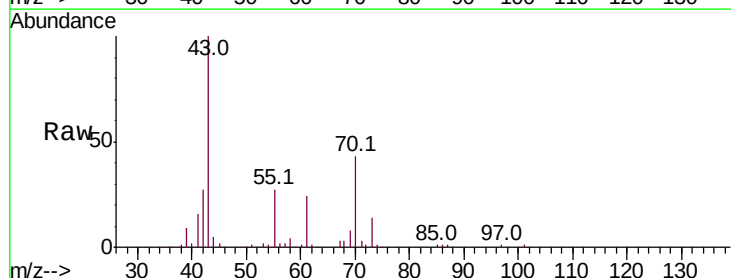
Instrument :
MSVOA_X
ClientSampleId :

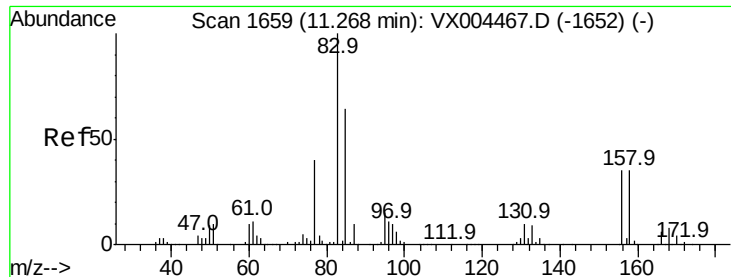
Tot Ion:105 Resp: 84092
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-amyl acetate
Concen: 20.530 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion: 43 Resp: 29766
Ion Ratio Lower Upper
43 100
70 44.0 37.4 56.0
55 28.4 21.8 32.8
61 24.5 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.612 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

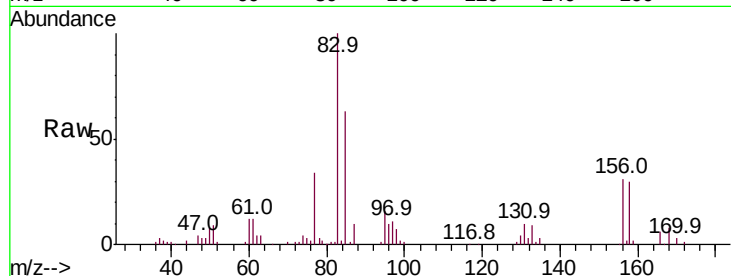
Tot Ion: 83 Resp: 26236

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

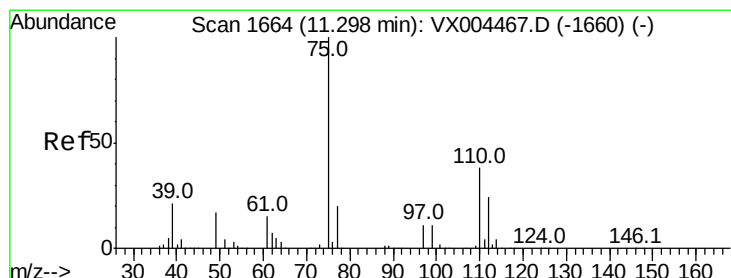
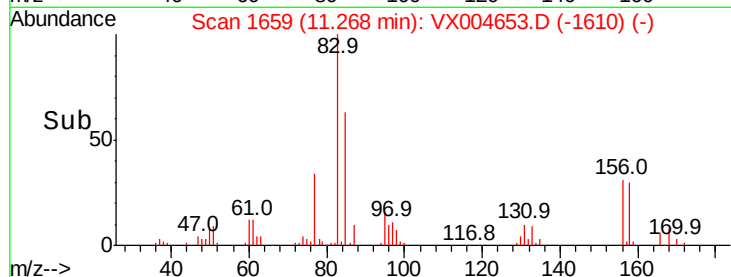
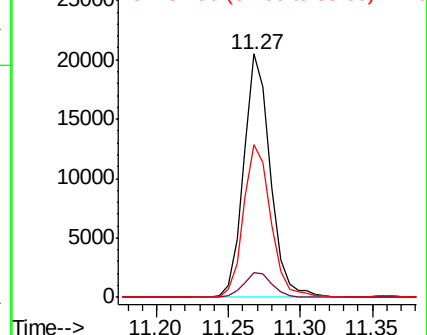
85 64.6 32.3 96.8



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: 33.638 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004653.D

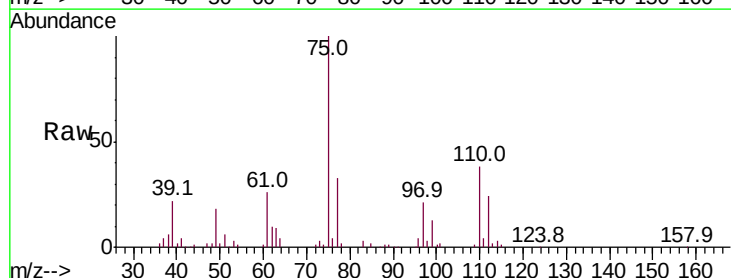
Acq: 18 Sep 2018 13:09

Tgt Ion: 75 Resp: 35398

Ion Ratio Lower Upper

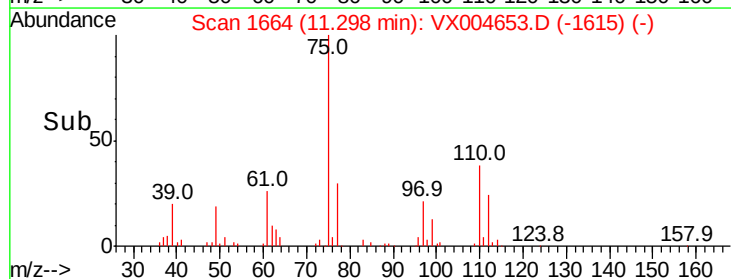
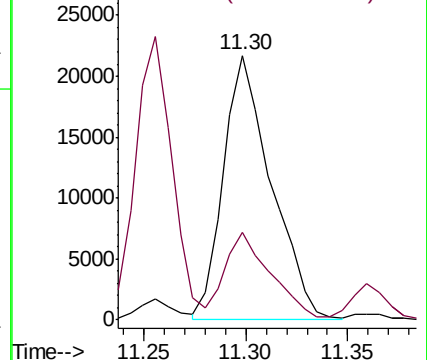
75 100

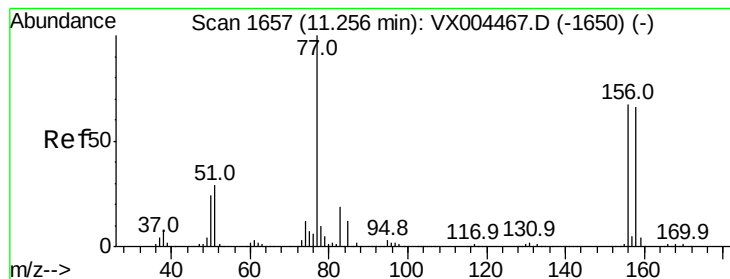
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.339 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

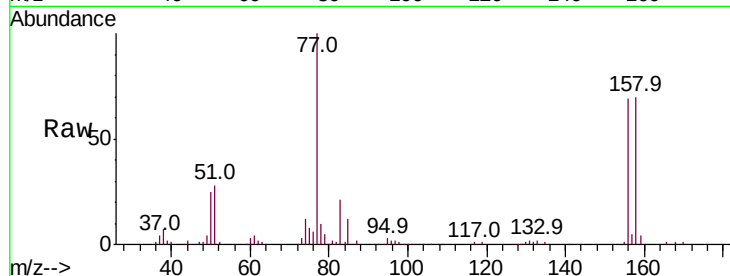
Tot Ion:156 Resp: 20318

Ion Ratio Lower Upper

156 100

77 143.9 71.5 214.3

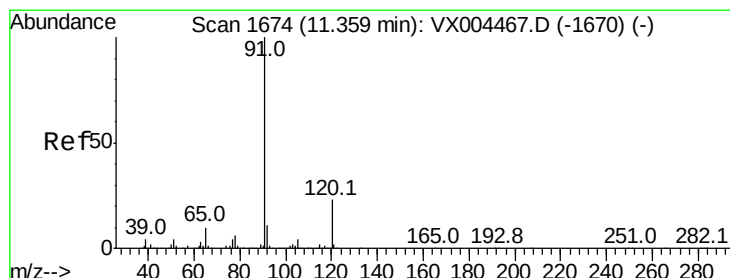
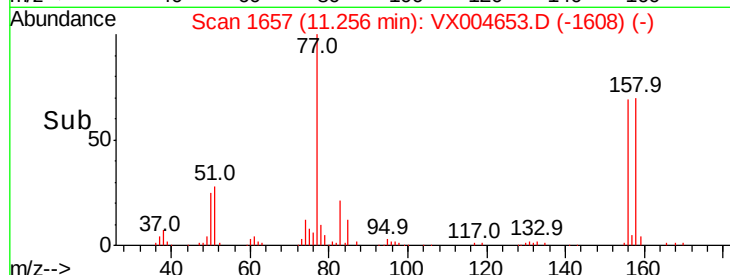
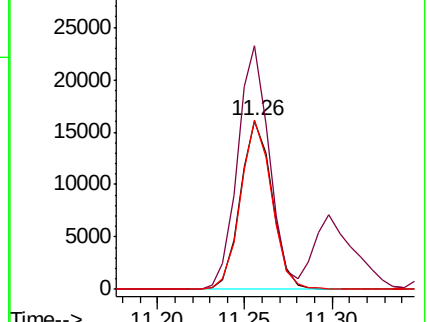
158 98.4 48.9 146.8



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: 23.613 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004653.D

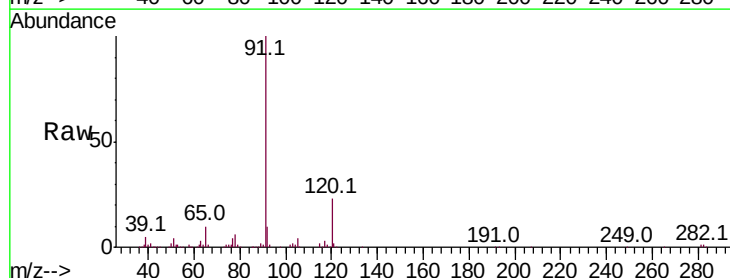
Acq: 18 Sep 2018 13:09

Tgt Ion: 91 Resp: 93524

Ion Ratio Lower Upper

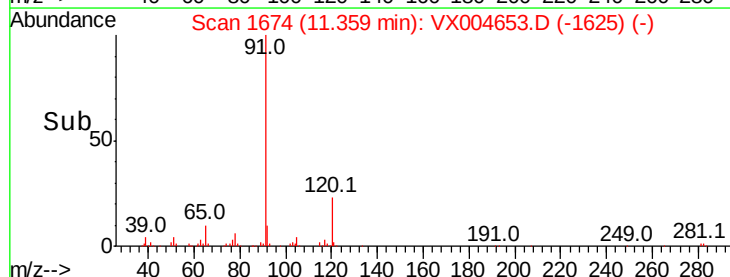
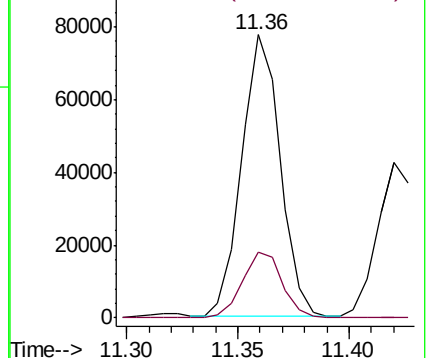
91 100

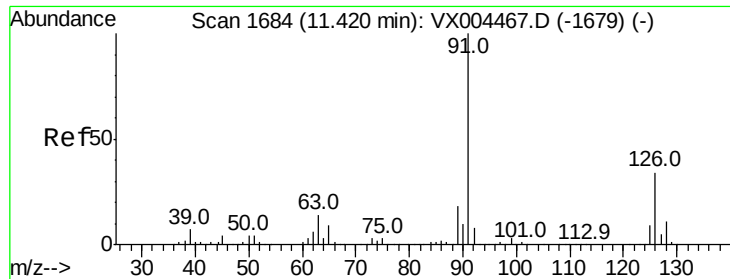
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.180 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

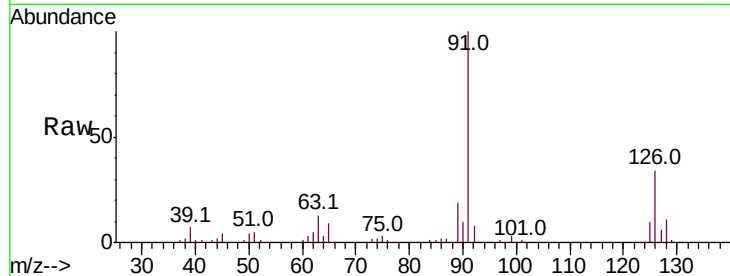
ClientSampleId :

Tot Ion: 91 Resp: 53281

Ion Ratio Lower Upper

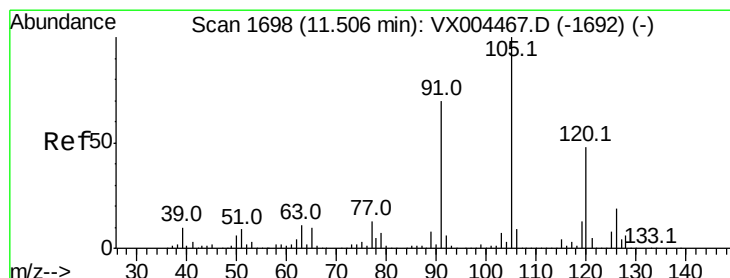
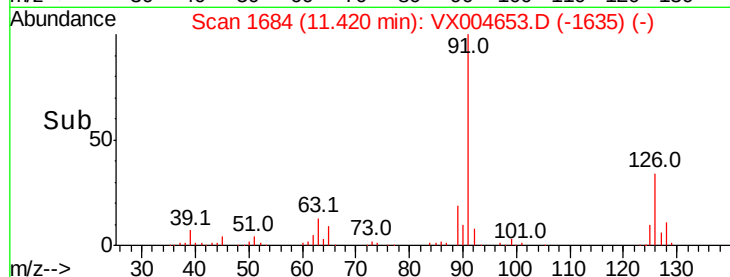
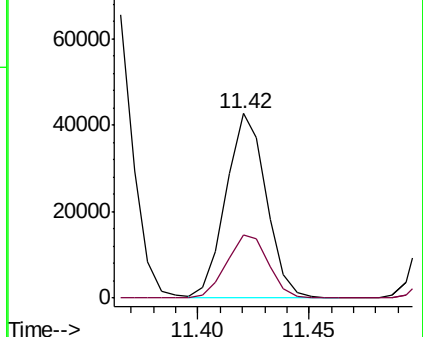
91 100

126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX004467.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.976 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004653.D

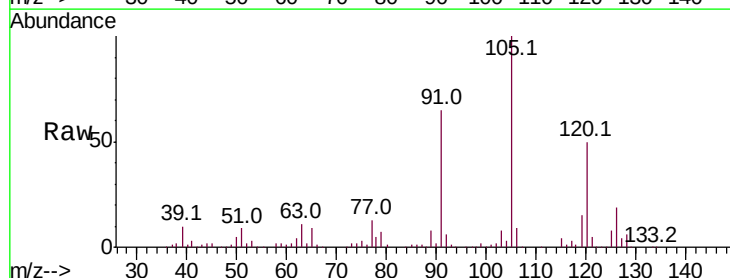
Acq: 18 Sep 2018 13:09

Tgt Ion:105 Resp: 66534

Ion Ratio Lower Upper

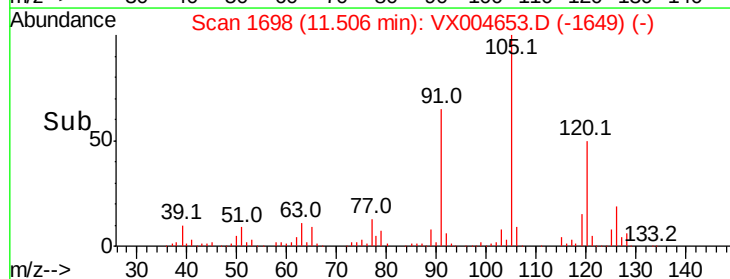
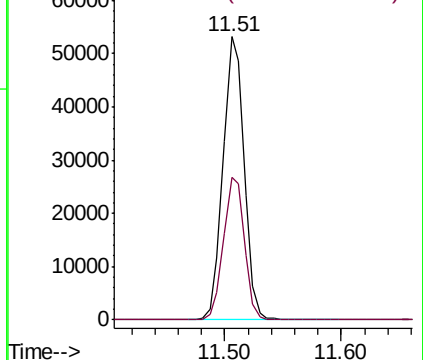
105 100

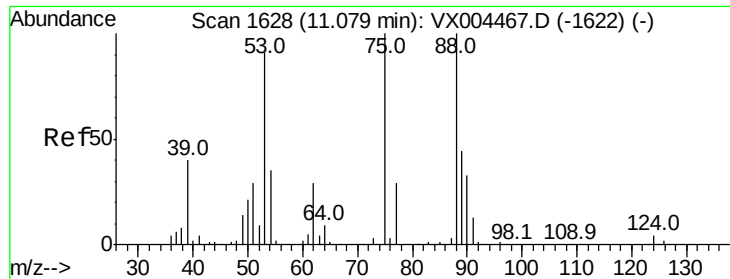
120 50.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004467.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004467.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 23.780 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

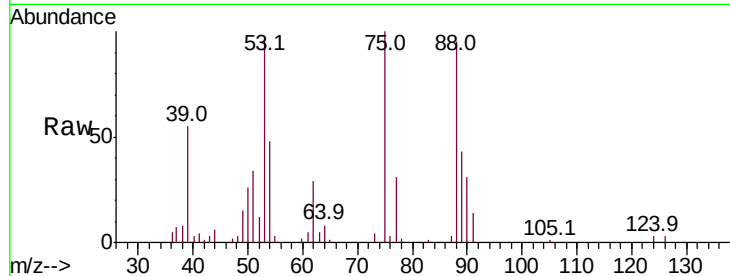
Tot Ion: 75 Resp: 7851

Ion Ratio Lower Upper

75 100

53 101.8 80.1 120.1

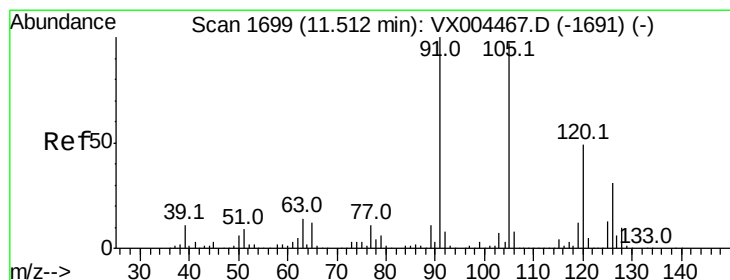
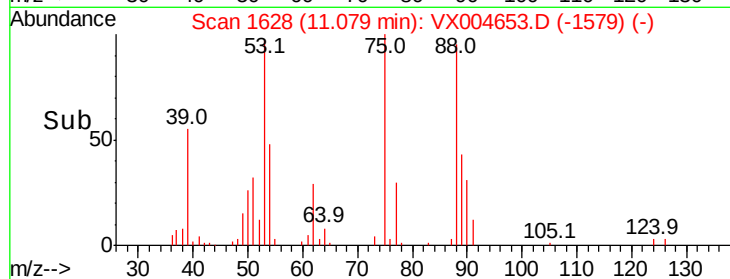
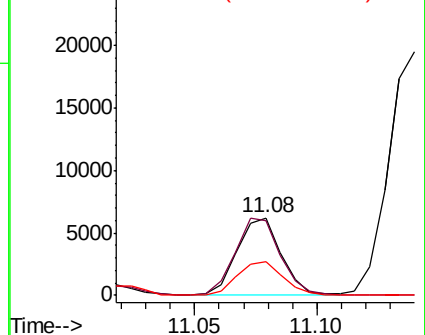
89 46.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.147 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004653.D

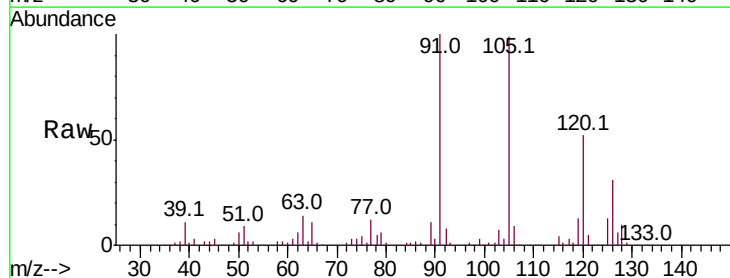
Acq: 18 Sep 2018 13:09

Tgt Ion: 91 Resp: 59288

Ion Ratio Lower Upper

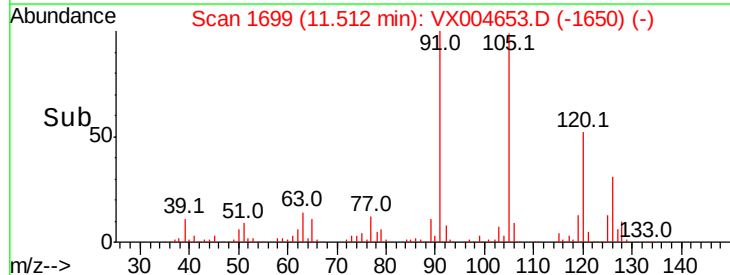
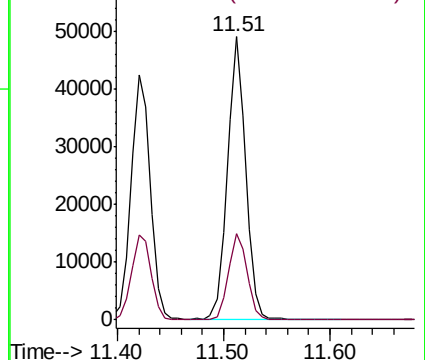
91 100

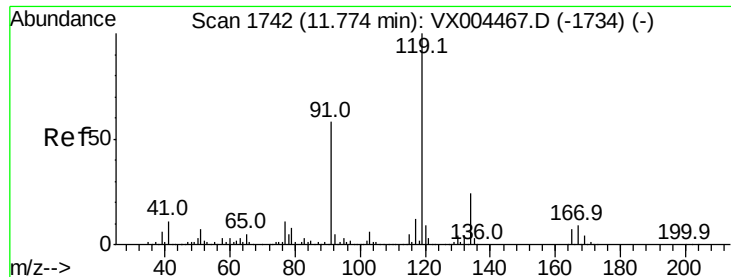
126 31.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 24.466 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

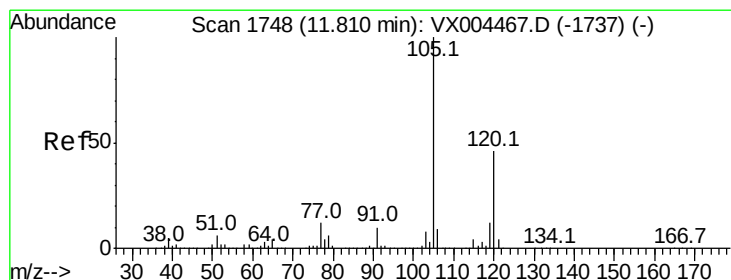
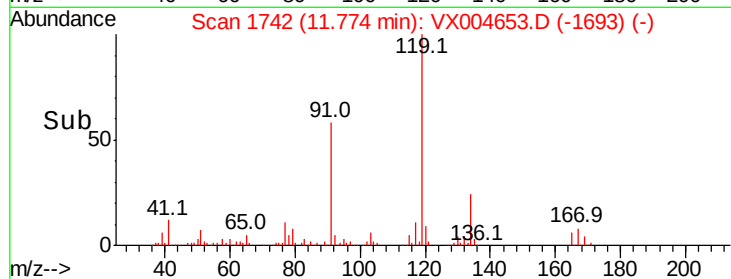
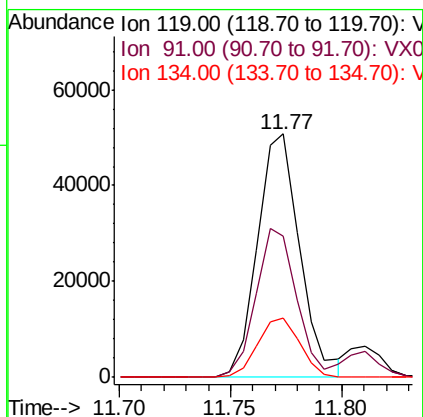
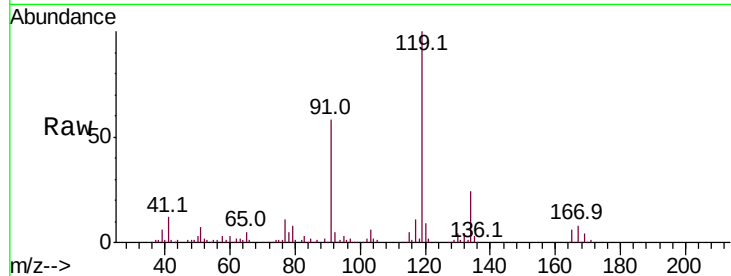
Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 67453

Ion	Ratio	Lower	Upper
119	100		
91	58.5	27.0	81.0
134	24.4	11.7	35.1



#84

1,2,4-Trimethylbenzene

Concen: 22.259 ug/l

RT: 11.81 min Scan# 1748

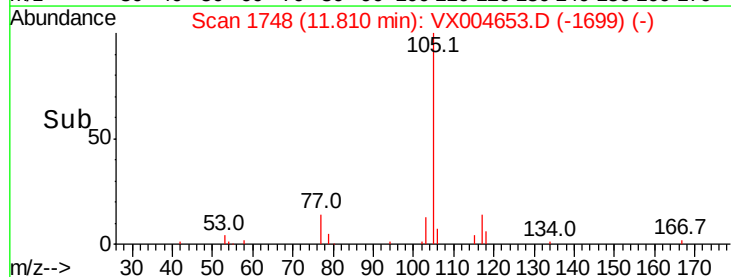
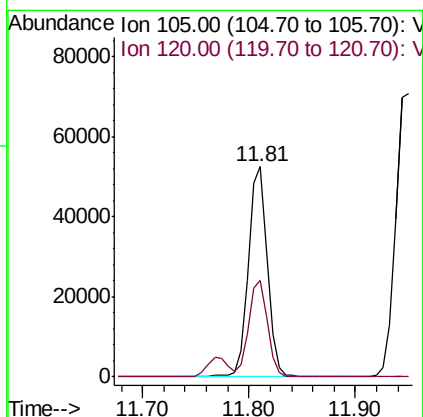
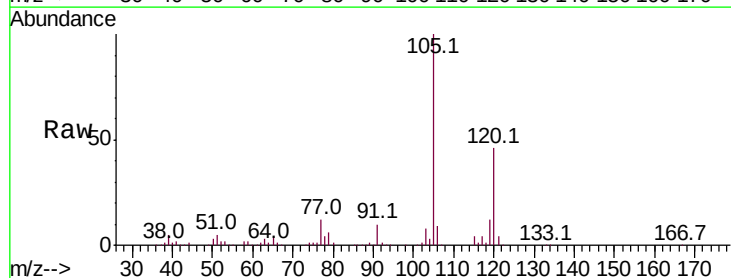
Delta R.T. 0.00 min

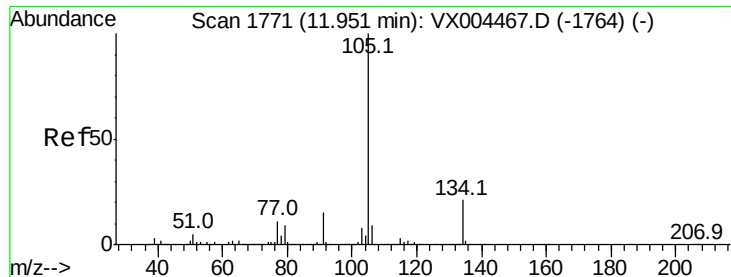
Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Tgt Ion:105 Resp: 65812

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 25.723 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

Instrument :

MSVOA_X

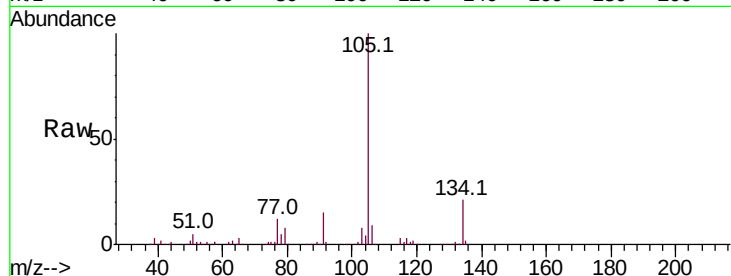
ClientSampleId :

Tot Ion:105 Resp: 90372

Ion Ratio Lower Upper

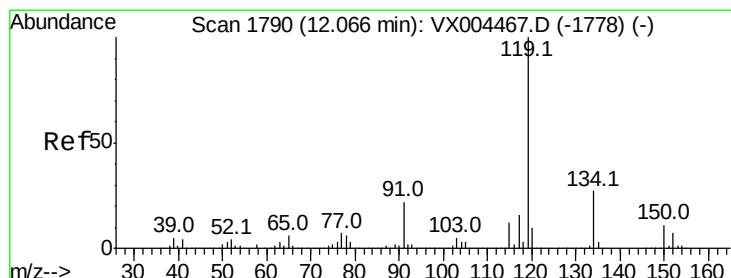
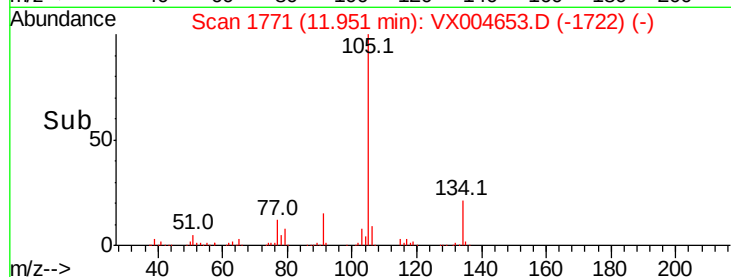
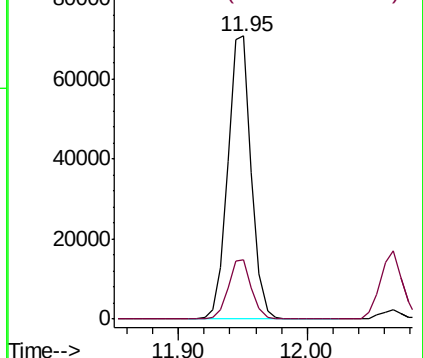
105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 24.227 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004653.D

Acq: 18 Sep 2018 13:09

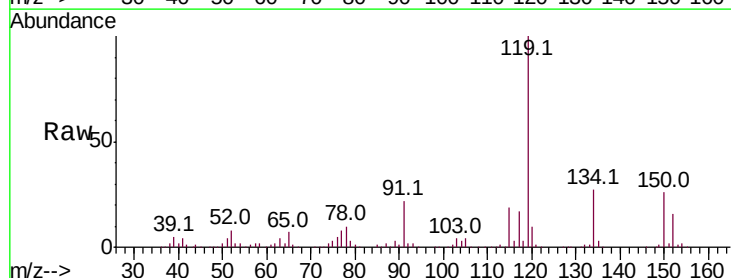
Tgt Ion:119 Resp: 75162

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

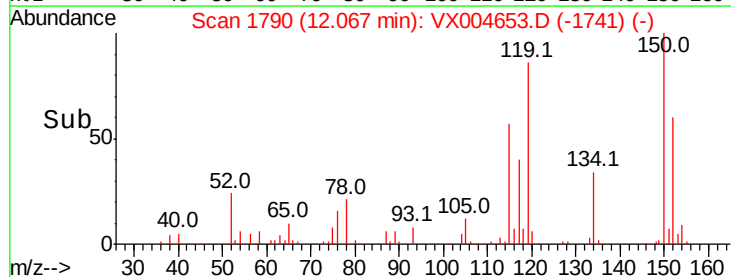
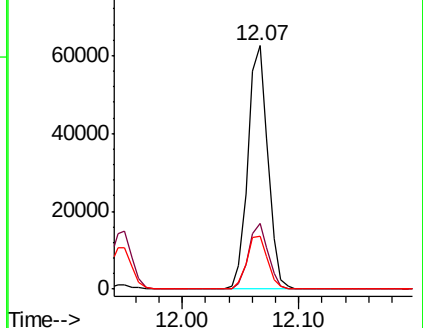
91 23.0 10.9 32.7

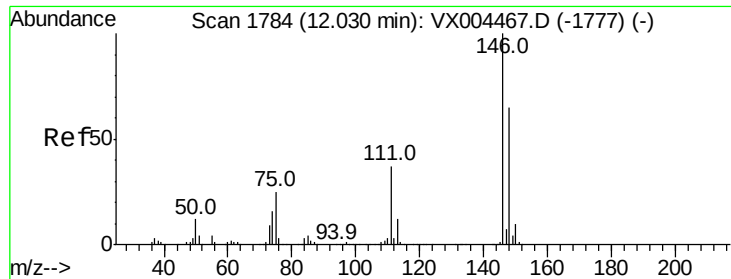


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

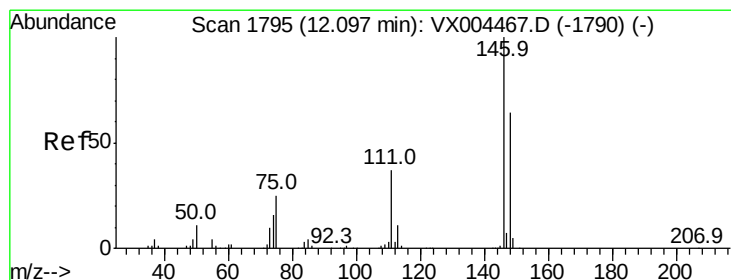
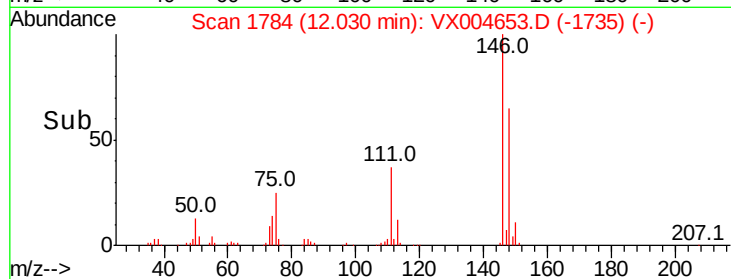
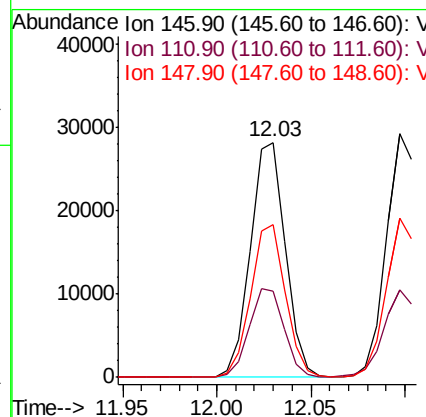
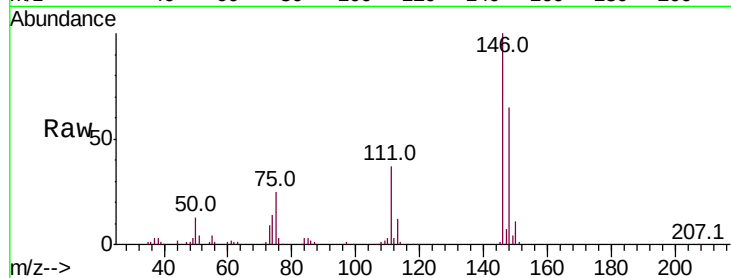




#87
 1,3-Dichlorobenzene
 Concen: 20.448 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

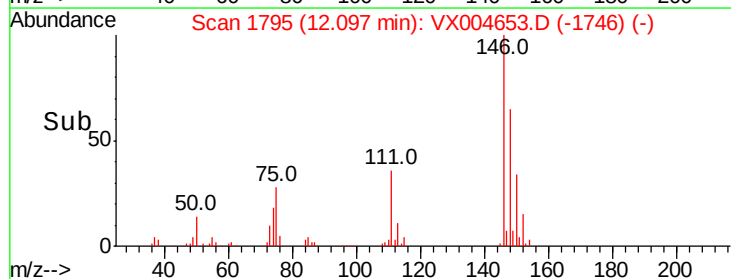
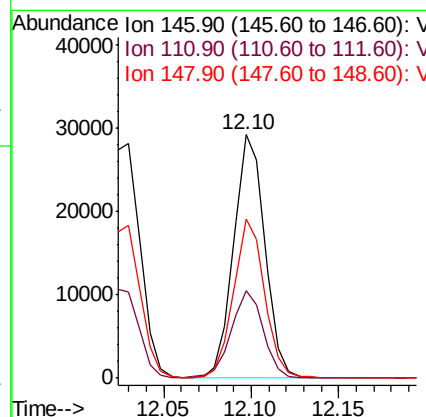
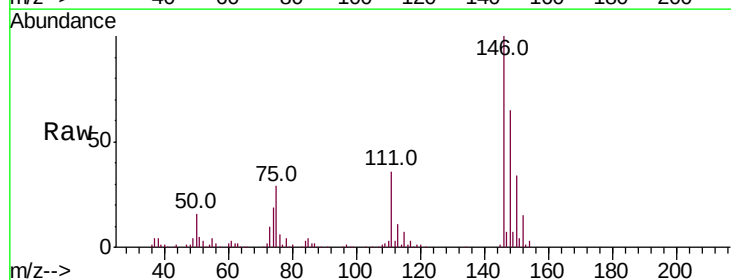
Instrument :
 MSVOA_X
 ClientSampleId :

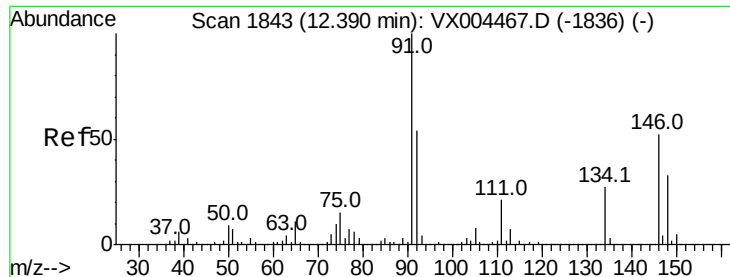
Tot Ion:146 Resp: 36325
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.775 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion:146 Resp: 36299
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 64.7 32.0 96.0

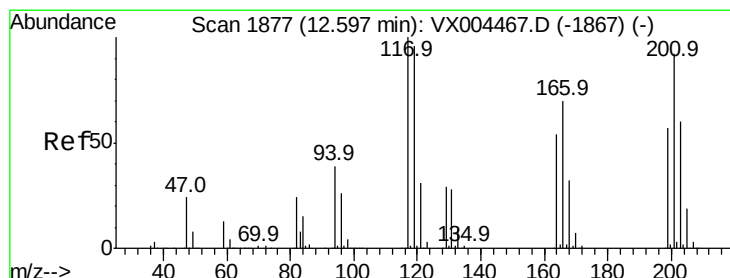
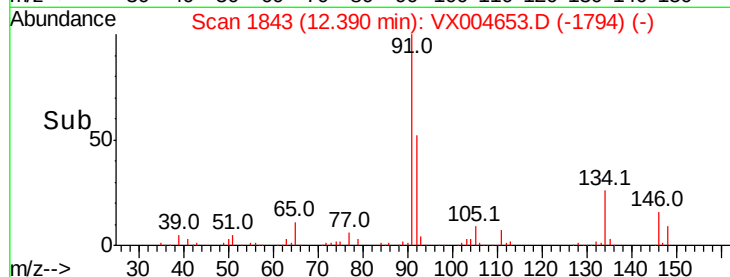
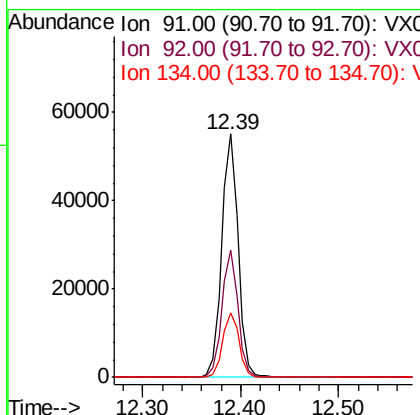
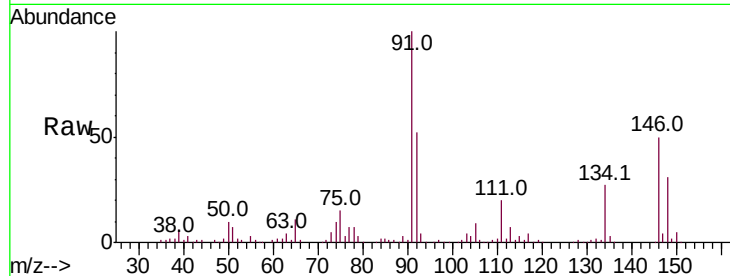




#89
n-Butylbenzene
Concen: 22.573 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

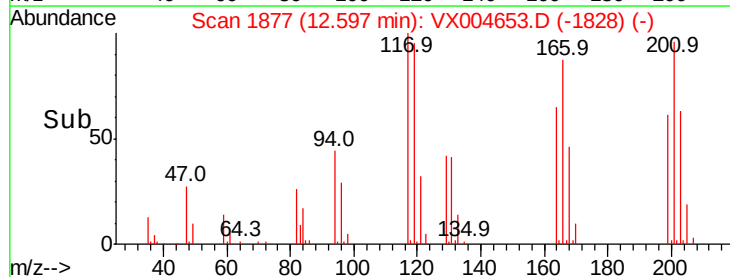
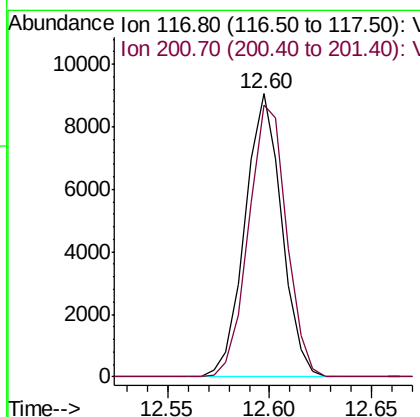
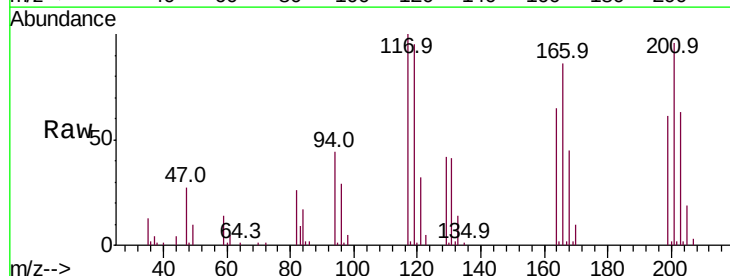
Instrument :
MSVOA_X
ClientSampleId :

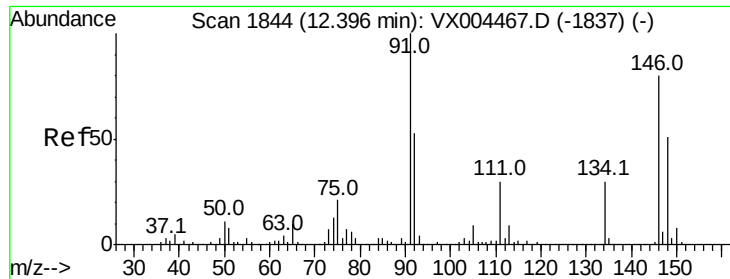
Tot Ion: 91 Resp: 63817
Ion Ratio Lower Upper
91 100
92 51.2 27.3 81.9
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 22.790 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion: 117 Resp: 11319
Ion Ratio Lower Upper
117 100
201 99.5 46.9 140.6

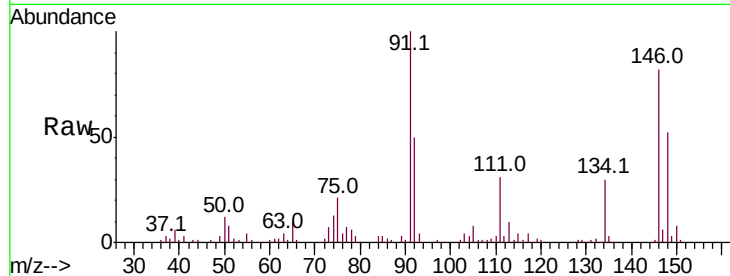




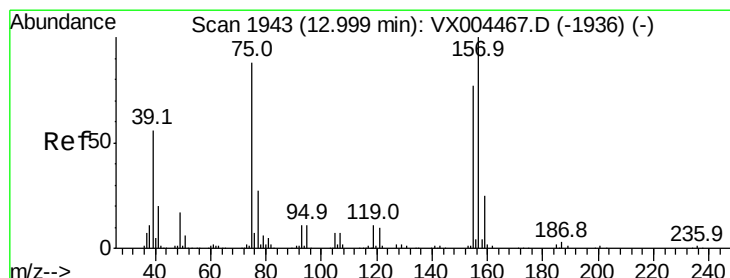
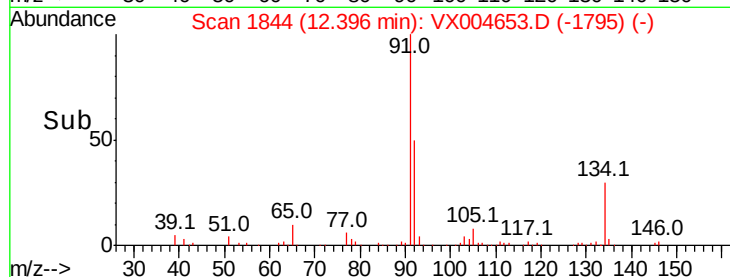
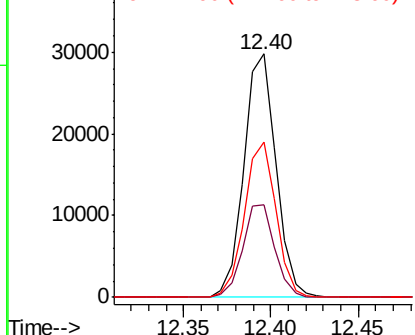
#91
 1,2-Dichlorobenzene
 Concen: 21.041 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 37832
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 62.7 32.8 98.3

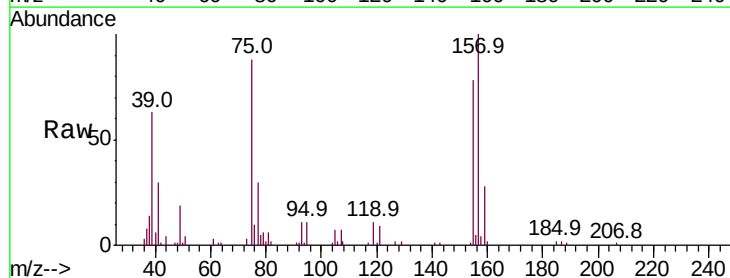


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

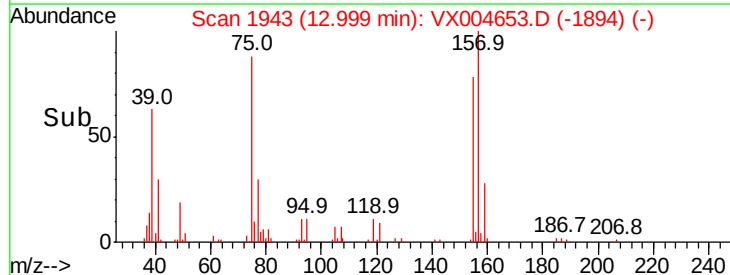
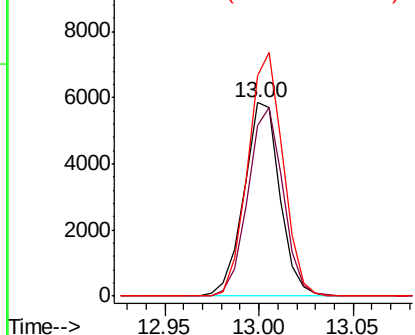


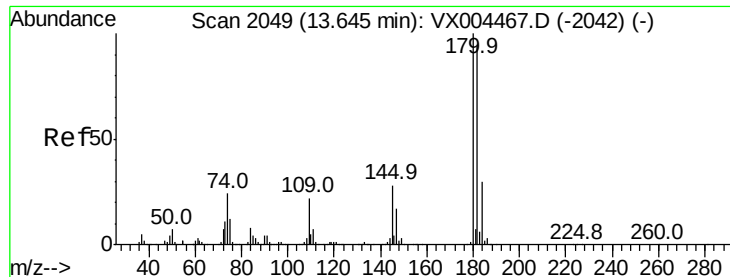
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 32.413 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion: 75 Resp: 7690
 Ion Ratio Lower Upper
 75 100
 155 95.7 48.0 144.2
 157 122.8 61.4 184.1



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

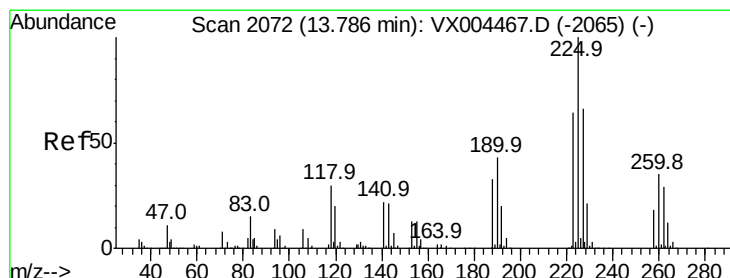
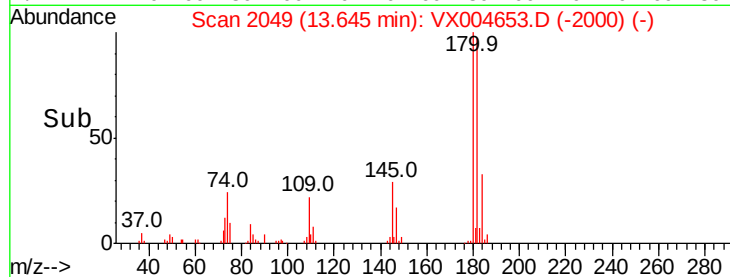
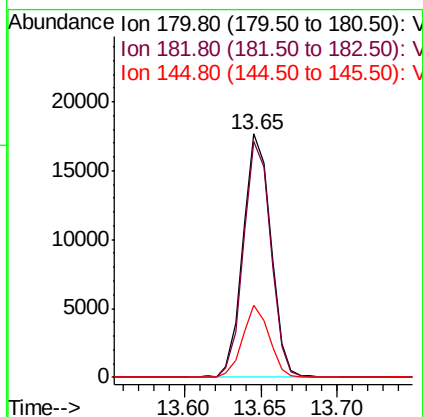
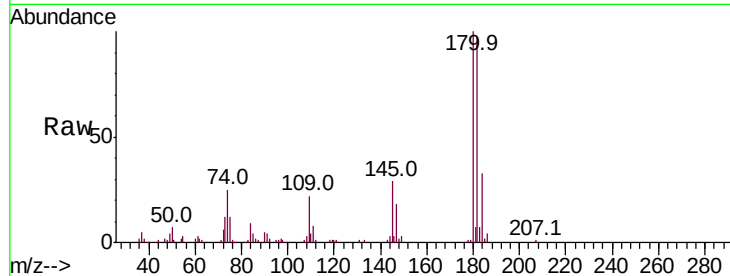




#93
 1,2,4-Trichlorobenzene
 Concen: 17.534 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

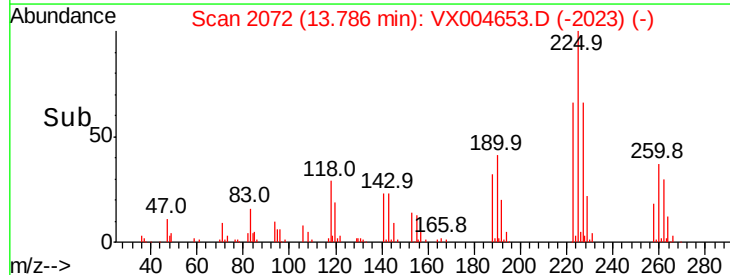
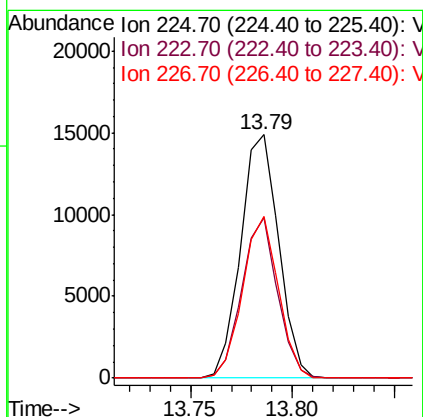
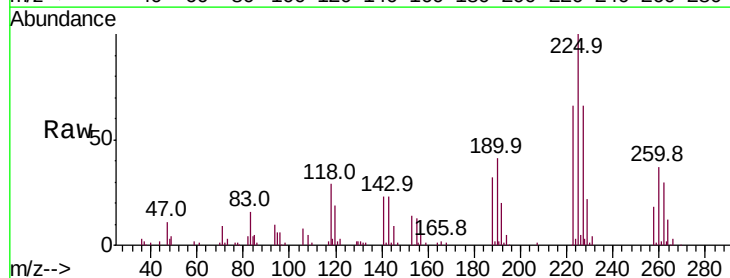
Instrument :
 MSVOA_X
 ClientSampleId :

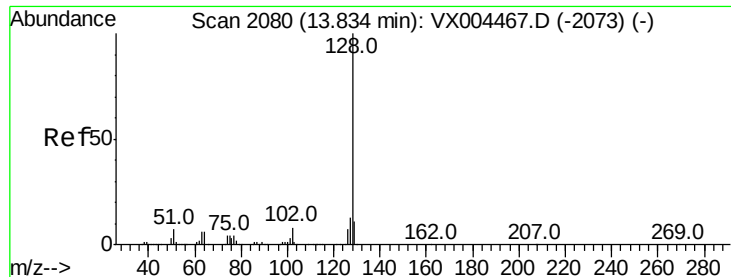
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.4	145.0
145	28.2	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 29.000 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004653.D
 Acq: 18 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.1	90.5
227	62.6	30.8	92.4

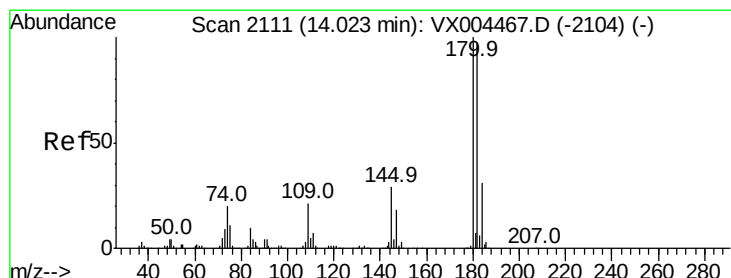
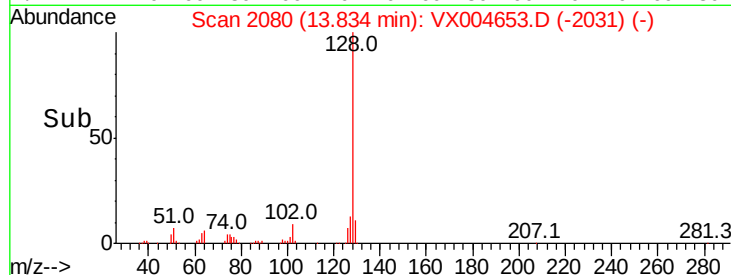
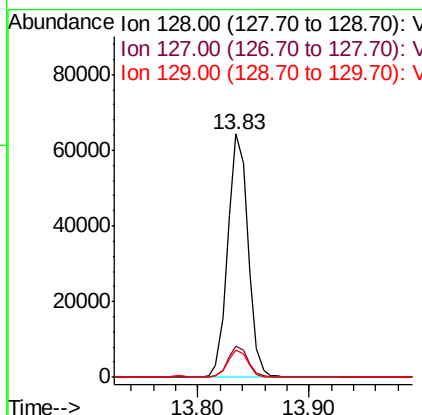
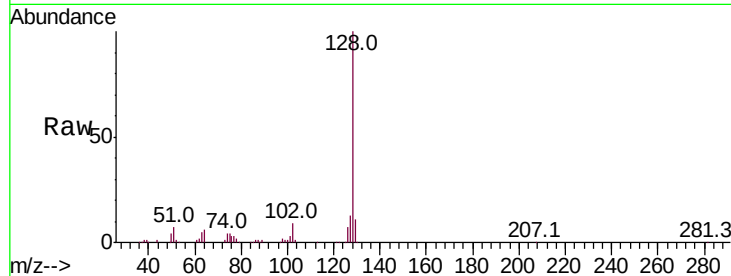




#95
Naphthalene
Concen: 22.700 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 81057
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.828 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004653.D
Acq: 18 Sep 2018 13:09

Tgt Ion:180 Resp: 24627
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 28.5 14.9 44.9

