

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005890.D
 Acq On : 10 Nov 2018 04:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 11 23:59:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	139173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	188450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	165833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	91406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	76319	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	5.51	113	62181	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.71	98	211638	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.14	95	79145	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57360	45.712	ug/l	98
3) Chloromethane	1.32	50	71338	43.320	ug/l	100
4) Vinyl Chloride	1.41	62	73509	44.465	ug/l	97
5) Bromomethane	1.64	94	39738	39.279	ug/l	96
6) Chloroethane	1.71	64	45567	46.195	ug/l	96
7) Trichlorofluoromethane	1.92	101	99640	45.406	ug/l	93
8) Diethyl Ether	2.18	74	43054	50.071	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57183	45.308	ug/l	98
10) Methyl Iodide	2.51	142	75146	49.127	ug/l	97
11) Tert butyl alcohol	3.07	59	111852	244.039	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58955	47.926	ug/l	91
13) Acrolein	2.29	56	39469	185.922	ug/l	98
14) Allyl chloride	2.72	41	125591	45.713	ug/l	96
15) Acrylonitrile	3.15	53	243501	256.357	ug/l	95
16) Acetone	2.45	43	198632	230.575	ug/l	92
17) Carbon Disulfide	2.57	76	162073	44.171	ug/l	98
18) Methyl Acetate	2.78	43	118733	51.474	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	216054	51.459	ug/l	95
20) Methylene Chloride	2.85	84	65950	46.605	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	64343	49.591	ug/l	86
22) Diisopropyl ether	3.86	45	234246	48.671	ug/l	# 90
23) Vinyl Acetate	3.82	43	1008579	244.410	ug/l	99
24) 1,1-Dichloroethane	3.69	63	123724	48.184	ug/l	98
25) 2-Butanone	4.70	43	325606	240.413	ug/l	99
26) 2,2-Dichloropropane	4.59	77	69692	37.000	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	71518	49.919	ug/l	97
28) Bromochloromethane	5.02	49	57622	50.212	ug/l	95
29) Tetrahydrofuran	5.15	42	224255	257.882	ug/l	99
30) Chloroform	5.21	83	115596	46.662	ug/l	99
31) Cyclohexane	5.57	56	120577	54.097	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	100272	48.527	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90426	49.775	ug/l	97
37) Ethyl Acetate	4.85	43	124753	52.220	ug/l	99
38) Carbon Tetrachloride	5.79	117	87744	48.245	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96825	52.586	ug/l	90
40) Benzene	6.14	78	287897	54.360	ug/l	95
41) Methacrylonitrile	5.06	41	69625	53.936	ug/l	98
42) 1,2-Dichloroethane	6.20	62	94586	49.863	ug/l	99
43) Isopropyl Acetate	6.46	43	182967	52.855	ug/l	97
44) Trichloroethene	7.21	130	68278	50.765	ug/l	97
45) 1,2-Dichloropropane	7.51	63	68228	53.077	ug/l	95
46) Dibromomethane	7.66	93	41190	51.064	ug/l	99
47) Bromodichloromethane	7.90	83	79583	52.205	ug/l	98
48) Methyl methacrylate	7.77	41	88076	56.663	ug/l	98
49) 1,4-Dioxane	7.76	88	37933	1132.519	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	568439	260.549	ug/l	100
52) Toluene	8.79	92	146355	49.445	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86686	48.186	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	93029	50.736	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	61720	46.787	ug/l	97
56) Ethyl methacrylate	9.18	69	113418	57.462	ug/l	95
57) 1,3-Dichloropropane	9.37	76	102812	46.377	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	279294	259.358	ug/l	99
59) 2-Hexanone	9.49	43	442081	229.883	ug/l	98
60) Dibromochloromethane	9.59	129	62167	43.605	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66390	45.513	ug/l	99
64) Tetrachloroethene	9.34	164	70226	49.739	ug/l	99
65) Chlorobenzene	10.14	112	164786	49.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59227	51.280	ug/l	99
67) Ethyl Benzene	10.25	91	289598	54.362	ug/l	99
68) m/p-Xylenes	10.36	106	220780	108.652	ug/l	99
69) o-Xylene	10.70	106	108132	59.345	ug/l	99
70) Styrene	10.71	104	180725	60.126	ug/l	100
71) Bromoform	10.86	173	51622	53.317	ug/l #	98
73) Isopropylbenzene	11.02	105	294241	55.665	ug/l	100
74) N-amyl acetate	10.90	43	149505	50.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	97331	50.166	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	117014	62.869	ug/l	84
77) Bromobenzene	11.26	156	76784	51.537	ug/l	99
78) n-propylbenzene	11.36	91	336974	54.092	ug/l	100
79) 2-Chlorotoluene	11.42	91	197971	52.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247727	55.149	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27347	46.829	ug/l	96
82) 4-Chlorotoluene	11.51	91	236434	53.279	ug/l	99
83) tert-Butylbenzene	11.77	119	244853	53.881	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	259057	52.264	ug/l	100
85) sec-Butylbenzene	11.94	105	299958	53.978	ug/l	100
86) p-Isopropyltoluene	12.07	119	269033	54.655	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	142298	49.767	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	144388	49.328	ug/l	100
89) n-Butylbenzene	12.39	91	237911	52.150	ug/l	99
90) Hexachloroethane	12.60	117	40498	49.279	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	142622	49.792	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25106	53.028	ug/l	81

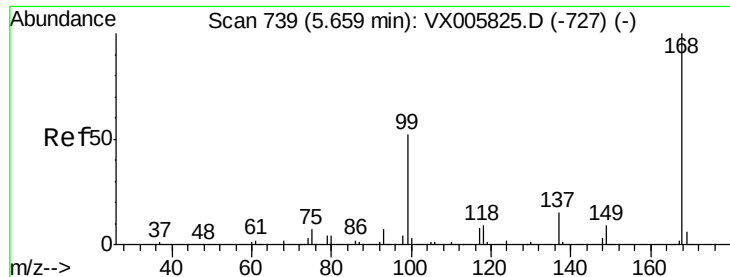
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110719	54.908	ug/l	100
94) Hexachlorobutadiene	13.79	225	50299	47.487	ug/l	100
95) Naphthalene	13.83	128	354061	53.750	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110072	53.581	ug/l	100

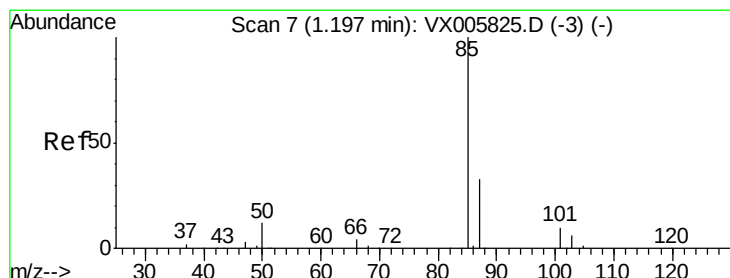
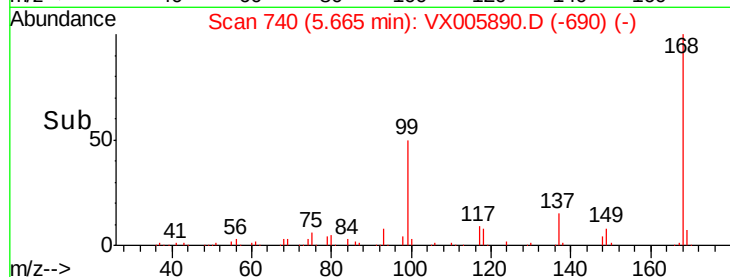
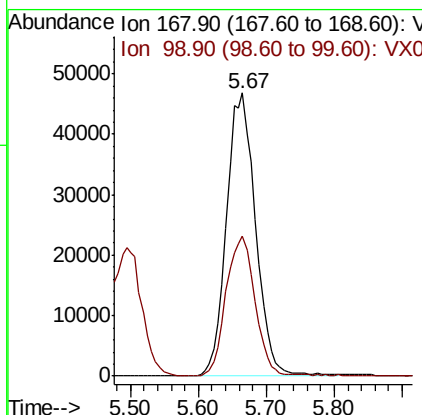
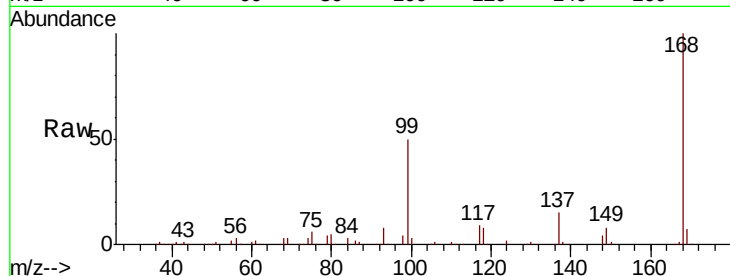
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

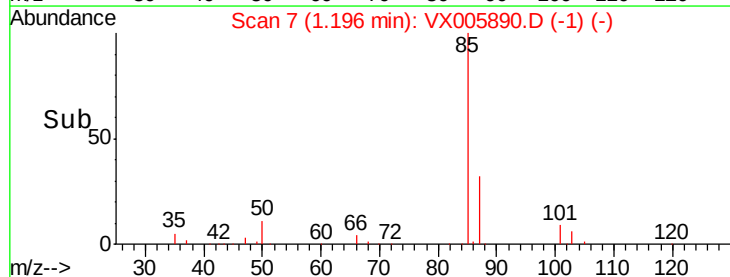
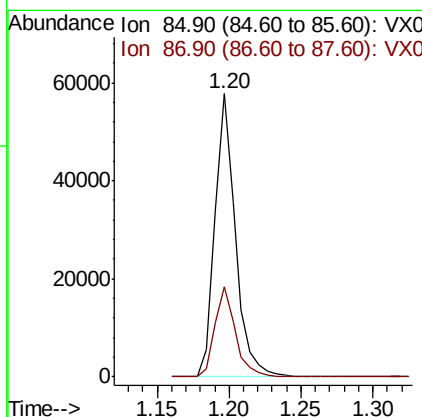
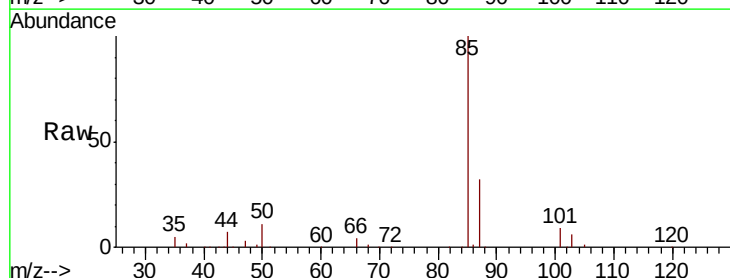
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

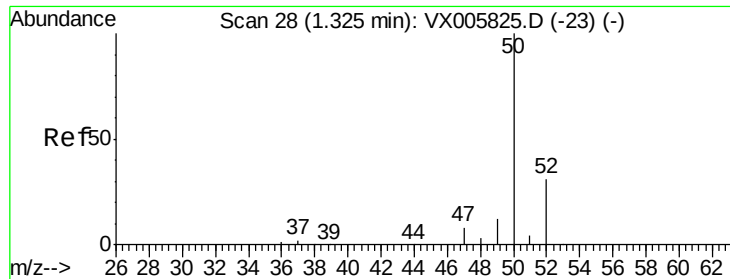
Tot Ion:168 Resp: 139173
Ion Ratio Lower Upper
168 100
99 49.5 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 45.712 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion: 85 Resp: 57360
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3

Chloromethane

Concen: 43.320 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

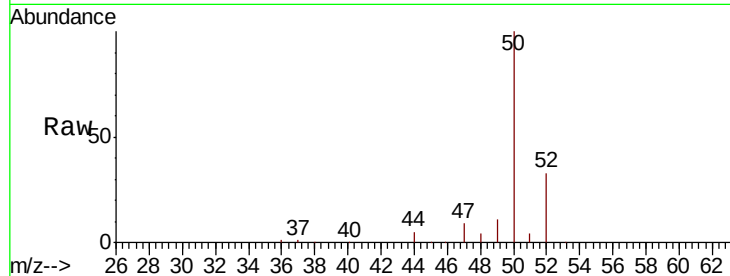
VSTDCCC050EC

Tot Ion: 50 Resp: 71338

Ion Ratio Lower Upper

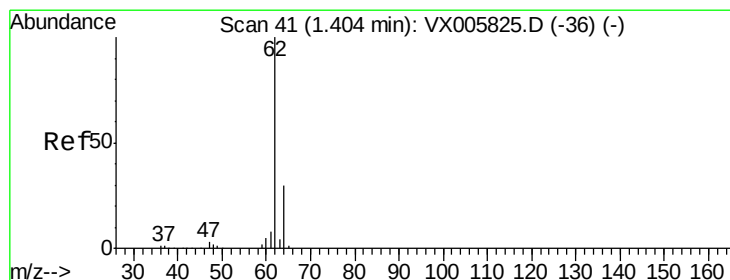
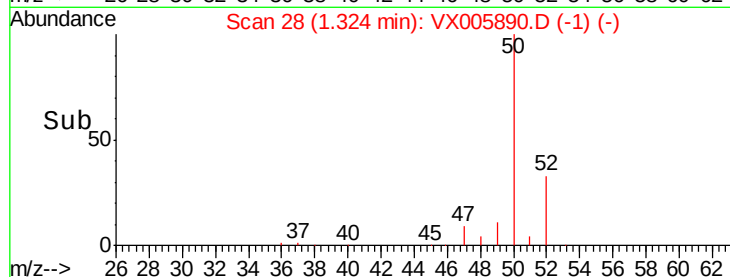
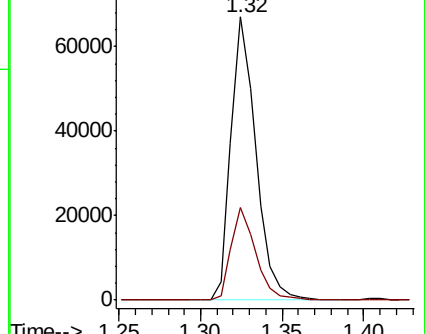
50 100

52 32.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.465 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005890.D

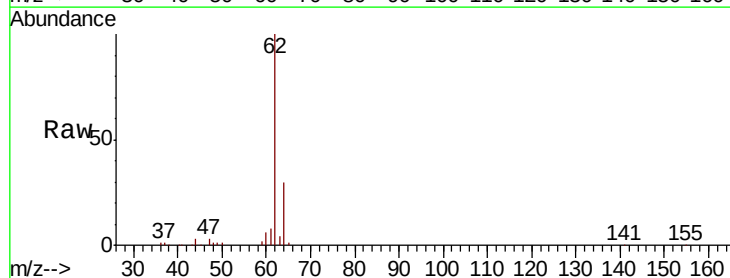
Acq: 10 Nov 2018 04:51

Tgt Ion: 62 Resp: 73509

Ion Ratio Lower Upper

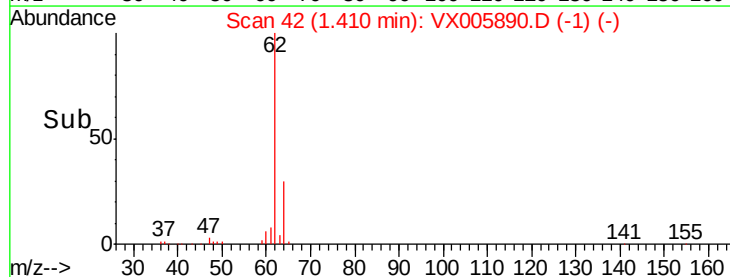
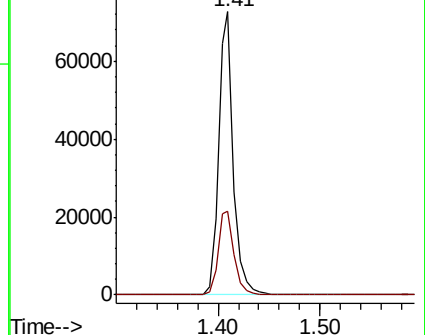
62 100

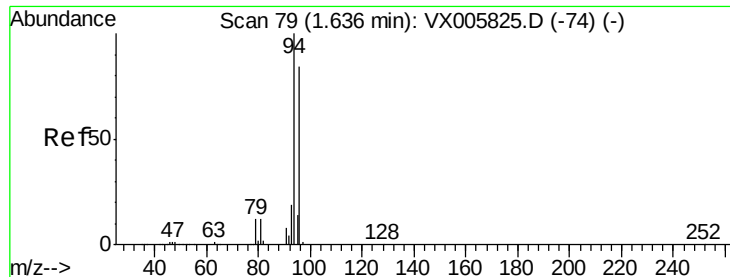
64 29.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.279 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

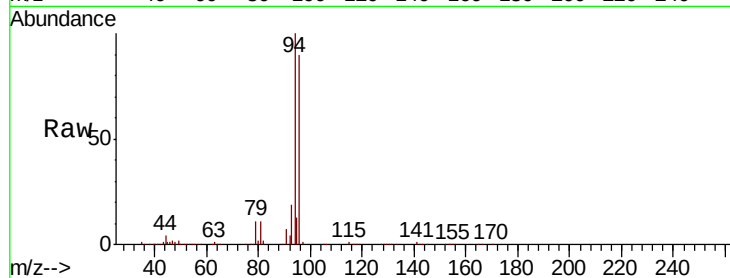
VSTDCCC050EC

Tot Ion: 94 Resp: 39738

Ion Ratio Lower Upper

94 100

96 89.7 75.2 112.8

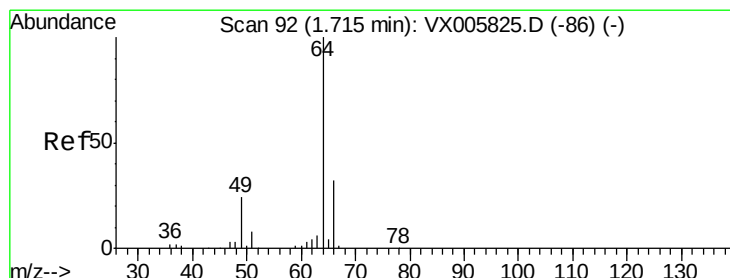
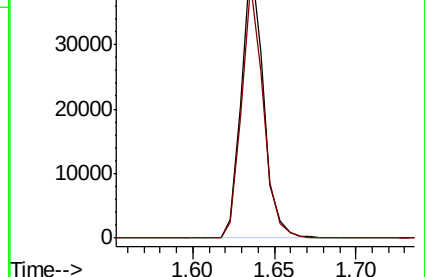
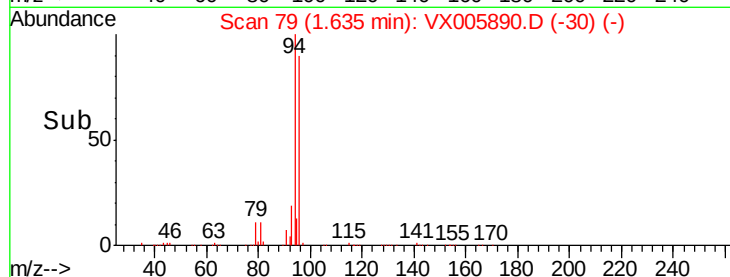


Abundance Ion 93.90 (93.60 to 94.60): VX005825.D (-74) (-)

Ion 95.90 (95.60 to 96.60): VX005890.D (-30) (-)

1.64

Time-->



#6

Chloroethane

Concen: 46.195 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005890.D

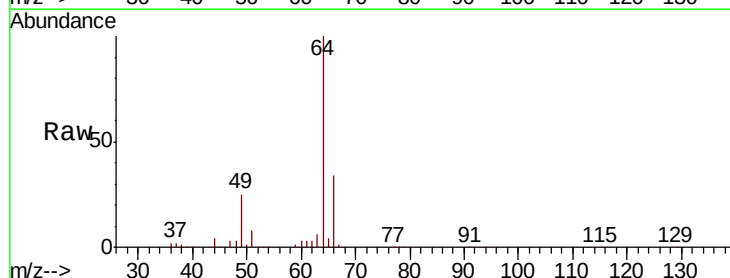
Acq: 10 Nov 2018 04:51

Tgt Ion: 64 Resp: 45567

Ion Ratio Lower Upper

64 100

66 34.4 25.8 38.6

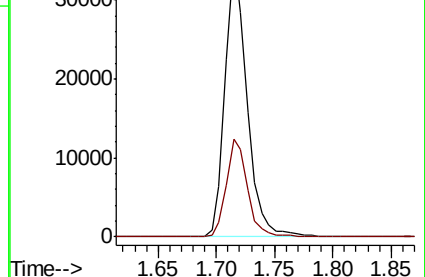
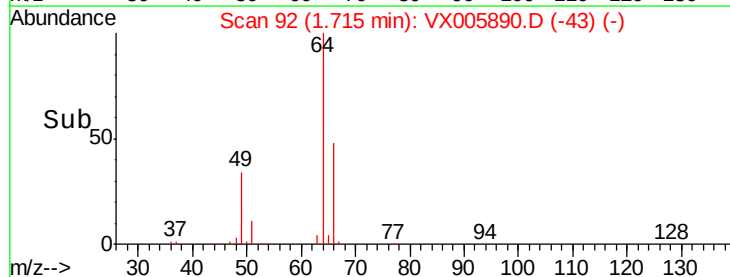


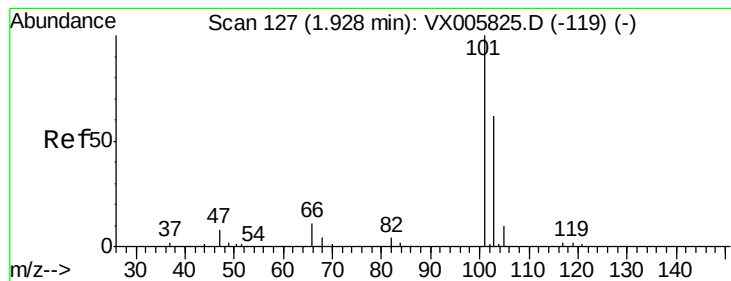
Abundance Ion 63.90 (63.60 to 64.60): VX005825.D (-86) (-)

Ion 65.90 (65.60 to 66.60): VX005890.D (-43) (-)

1.71

Time-->



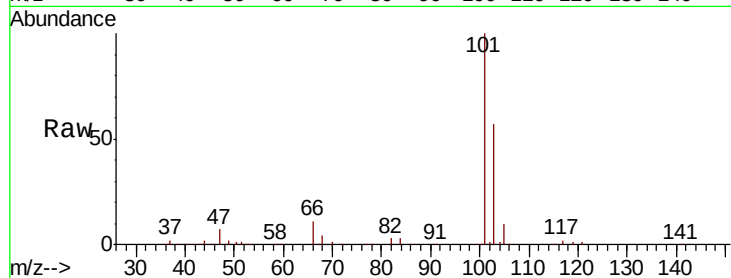


#7

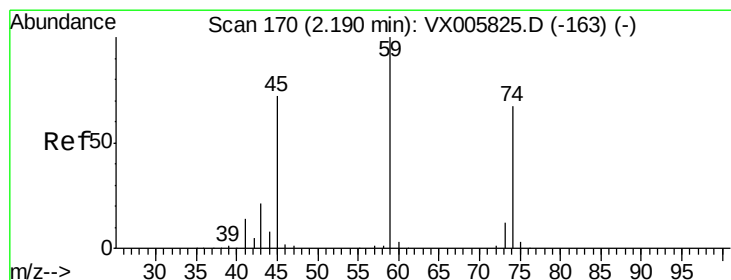
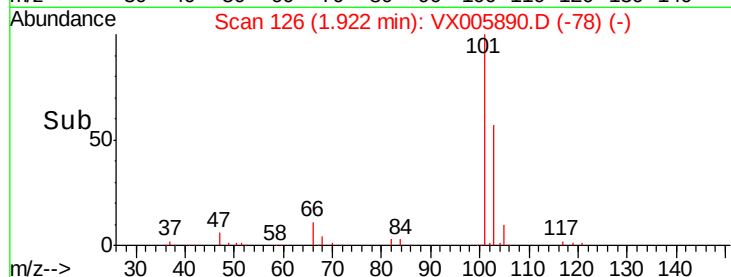
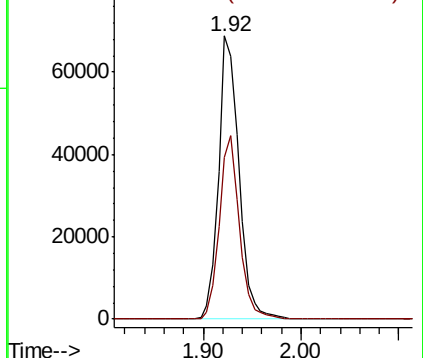
Trichlorofluoromethane
 Concen: 45.406 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 99640
 Ion Ratio Lower Upper
 101 100
 103 57.0 50.0 75.0



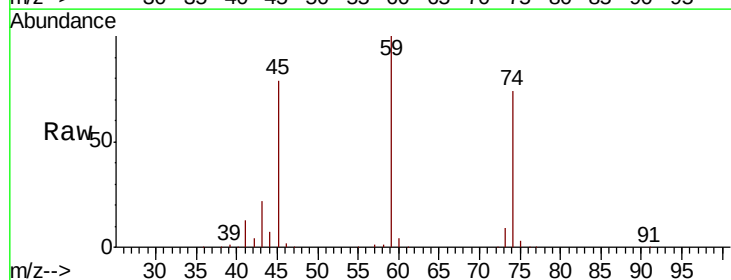
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



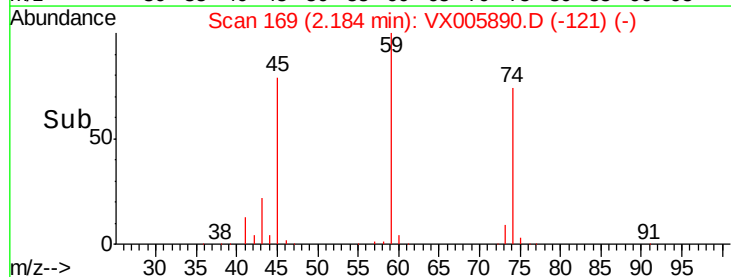
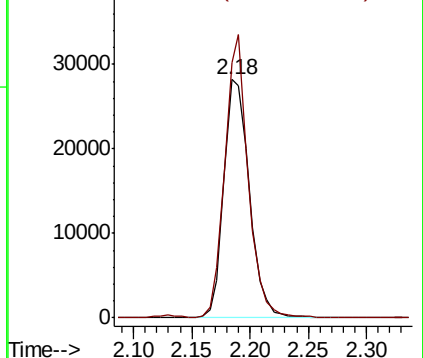
#8

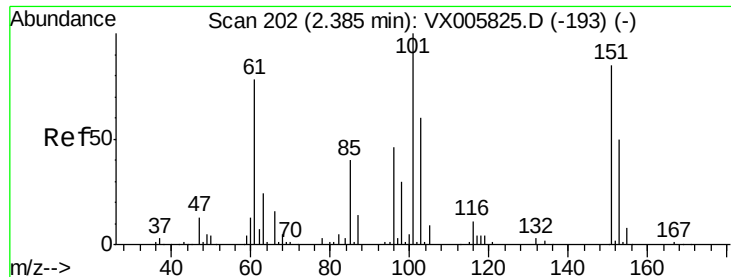
Diethyl Ether
 Concen: 50.071 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Tgt Ion: 74 Resp: 43054
 Ion Ratio Lower Upper
 74 100
 45 107.0 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0

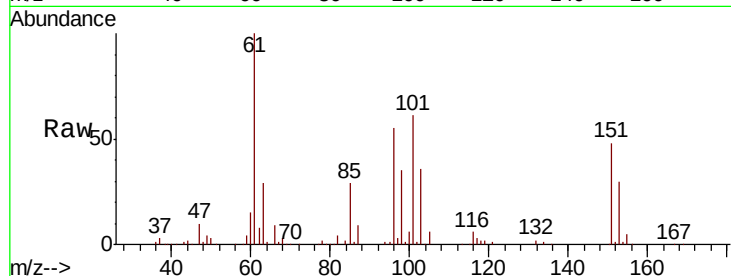




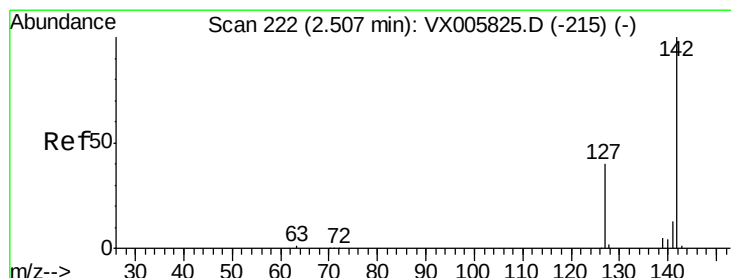
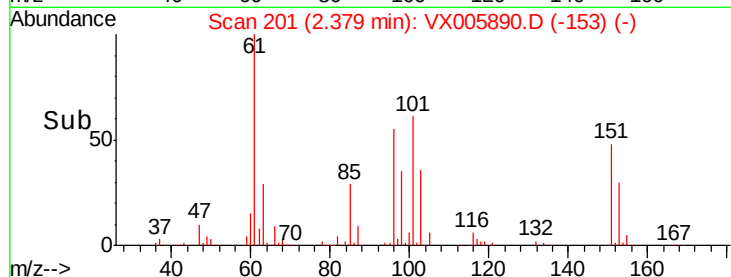
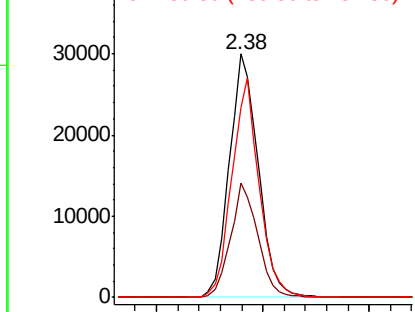
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.308 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 57183
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.0 52.4
 151 85.2 66.2 99.2

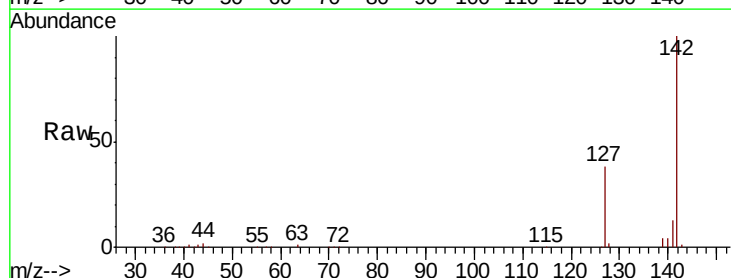


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

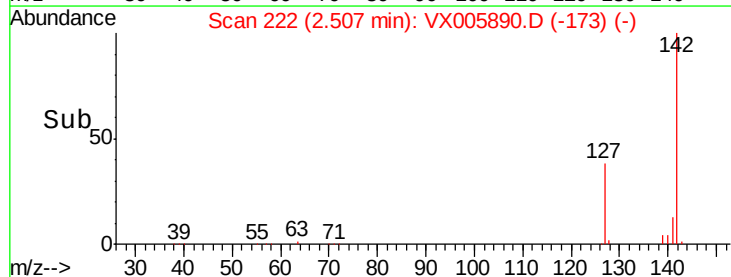
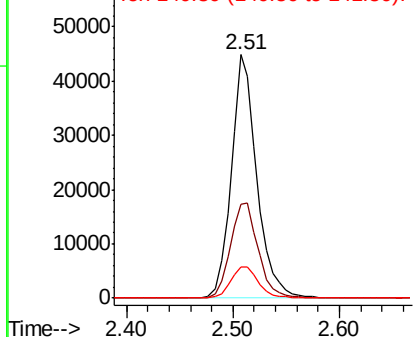


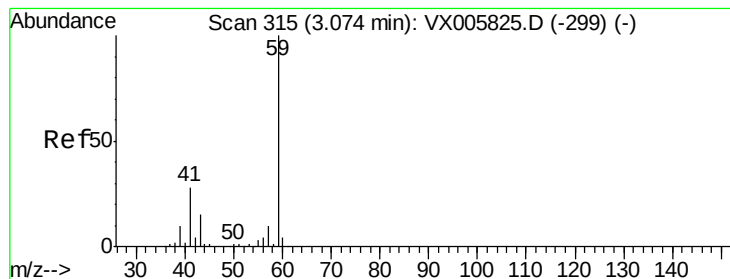
#10
 Methyl Iodide
 Concen: 49.127 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Tgt Ion:142 Resp: 75146
 Ion Ratio Lower Upper
 142 100
 127 42.5 36.0 54.0
 141 14.3 11.7 17.5



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



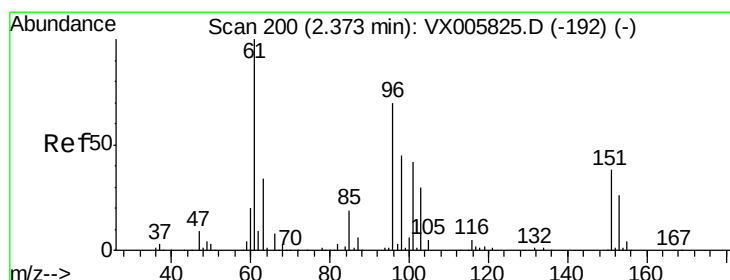
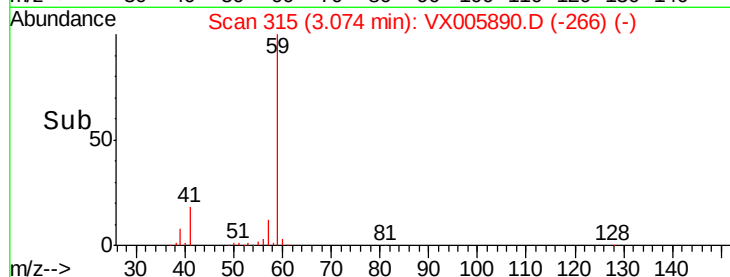
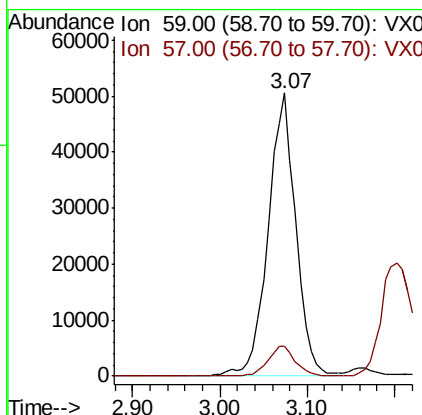
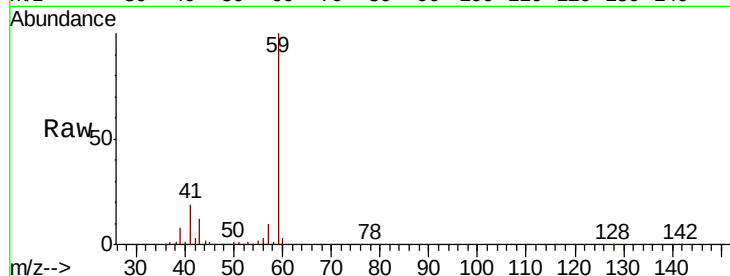


#11

Tert butyl alcohol
 Concen: 244.039 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

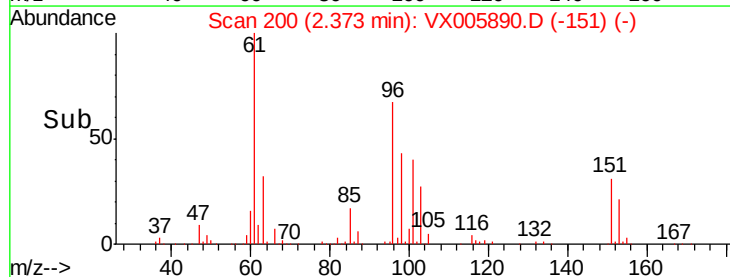
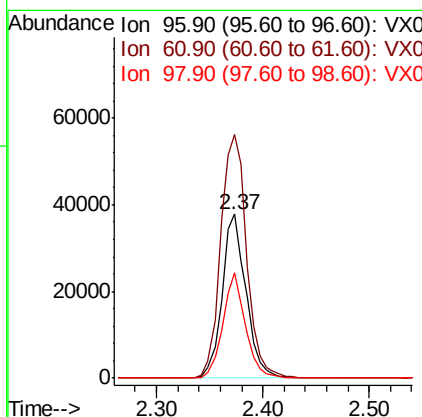
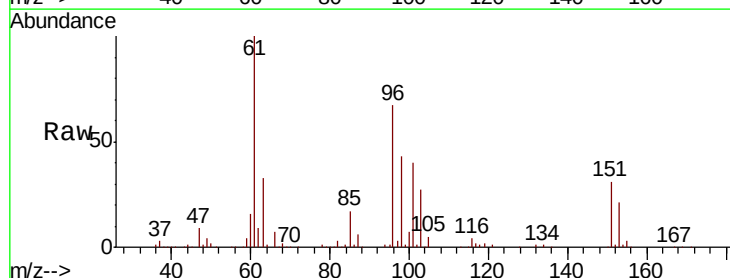
Tot Ion: 59 Resp: 111852
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

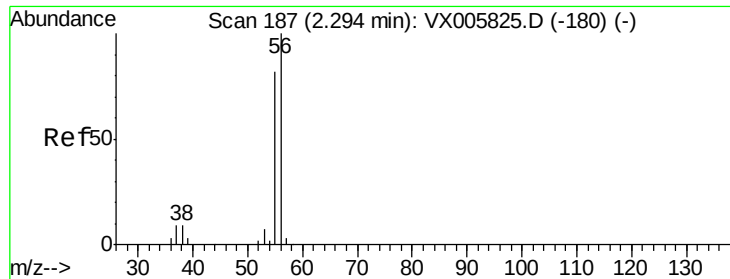


#12

1,1-Dichloroethene
 Concen: 47.926 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Tgt Ion: 96 Resp: 58955
 Ion Ratio Lower Upper
 96 100
 61 148.7 131.8 197.8
 98 64.4 53.4 80.2

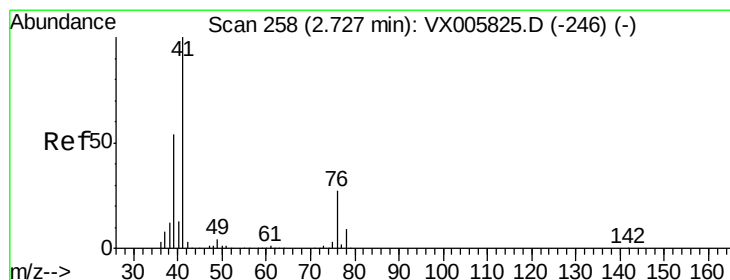
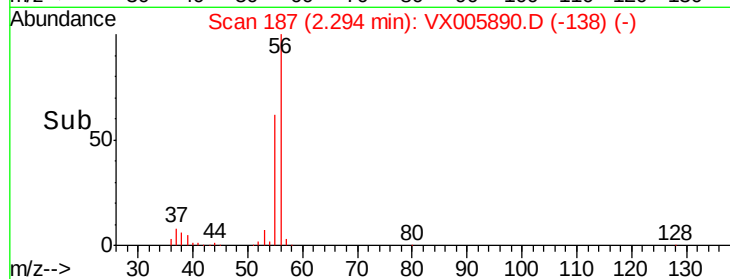
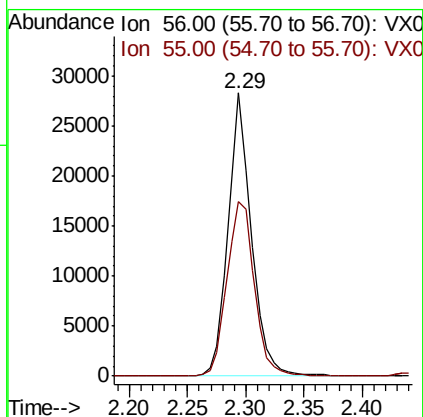
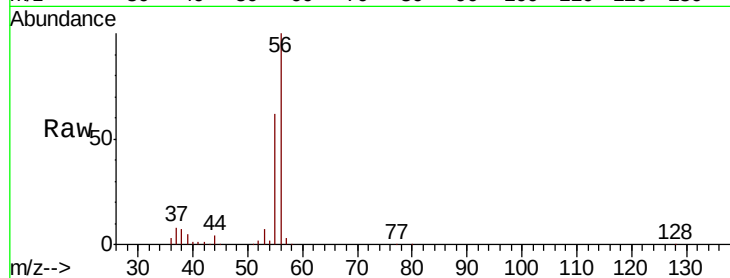




#13
Acrolein
Concen: 185.922 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

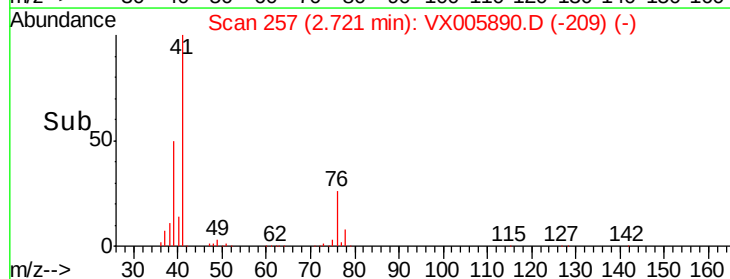
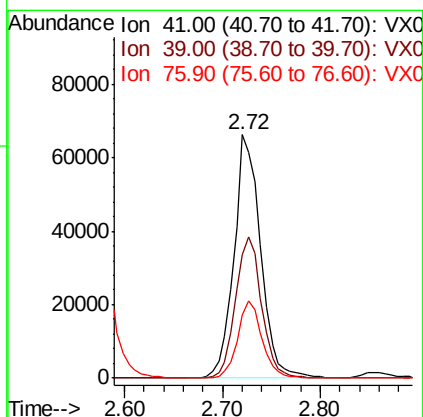
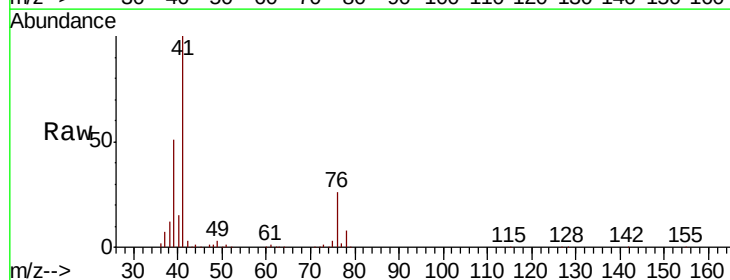
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

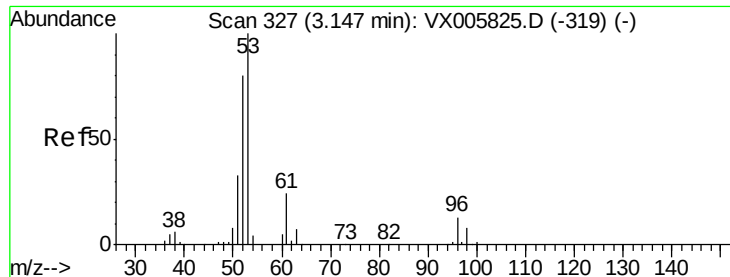
Tot Ion: 56 Resp: 39469
Ion Ratio Lower Upper
56 100
55 72.9 57.3 85.9



#14
Allyl chloride
Concen: 45.713 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion: 41 Resp: 125591
Ion Ratio Lower Upper
41 100
39 56.7 48.2 72.4
76 28.9 21.9 32.9





#15

Acrylonitrile

Concen: 256.357 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

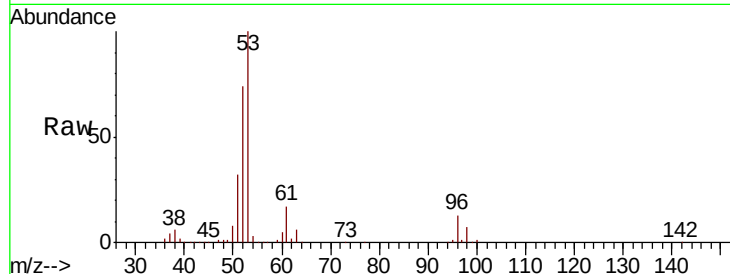
Tot Ion: 53 Resp: 243501

Ion Ratio Lower Upper

53 100

52 76.8 66.6 99.8

51 35.6 28.4 42.6

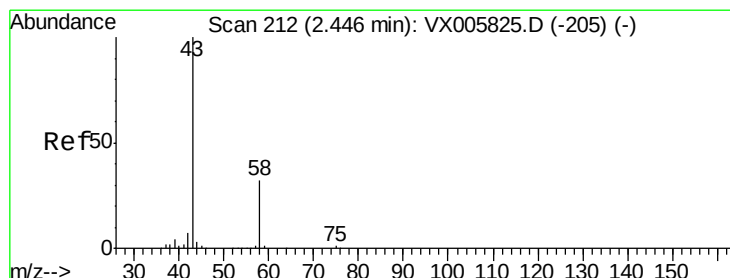
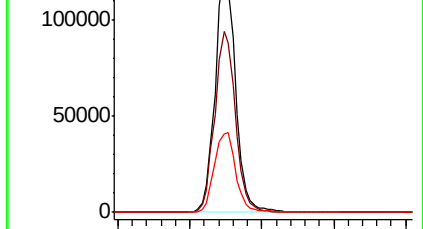
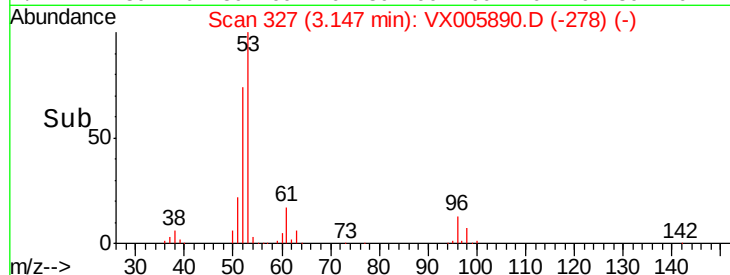


Abundance Ion 53.00 (52.70 to 53.70): VX005825.D (-319) (-)

Ion 52.00 (51.70 to 52.70): VX005825.D (-319) (-)

Ion 51.00 (50.70 to 51.70): VX005825.D (-319) (-)

Time-->



#16

Acetone

Concen: 230.575 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005890.D

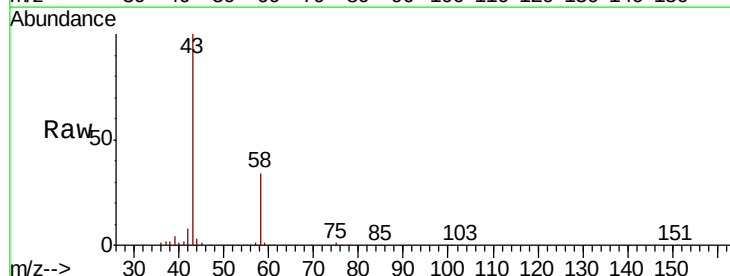
Acq: 10 Nov 2018 04:51

Tgt Ion: 43 Resp: 198632

Ion Ratio Lower Upper

43 100

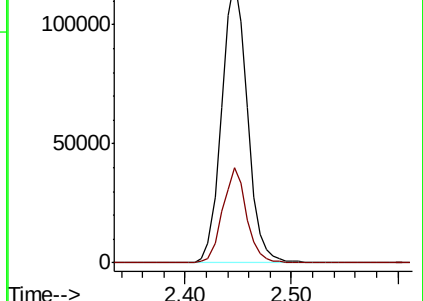
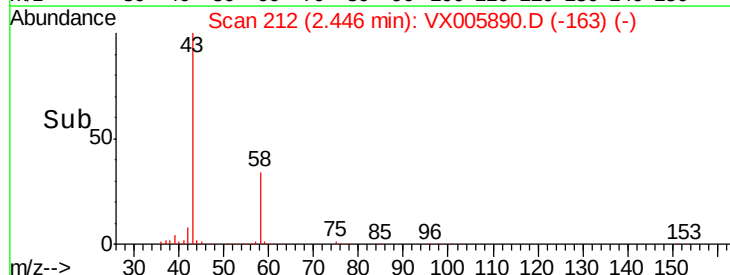
58 33.8 23.8 35.6

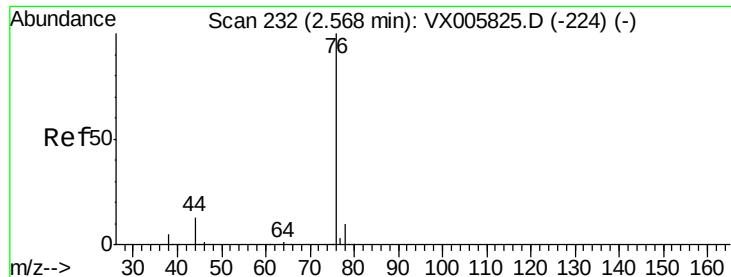


Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005825.D (-205) (-)

Time-->





#17

Carbon Disulfide

Concen: 44.171 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

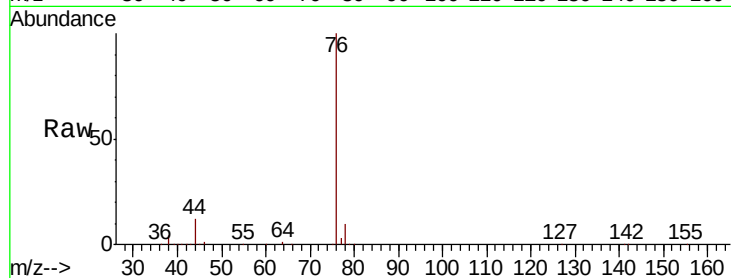
VSTDCCC050EC

Tot Ion: 76 Resp: 162073

Ion Ratio Lower Upper

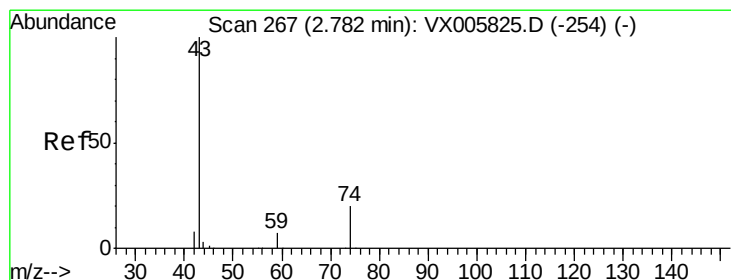
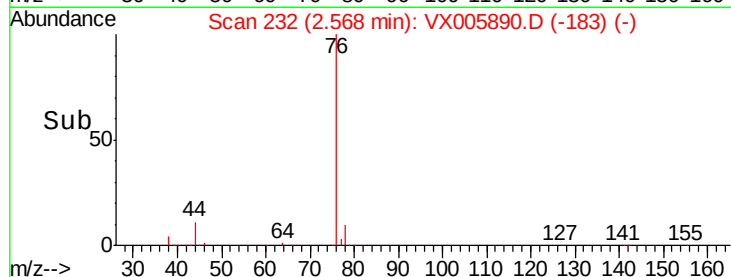
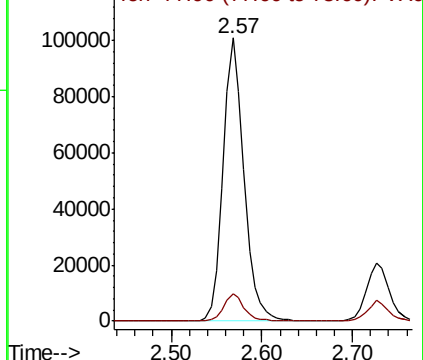
76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.474 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005890.D

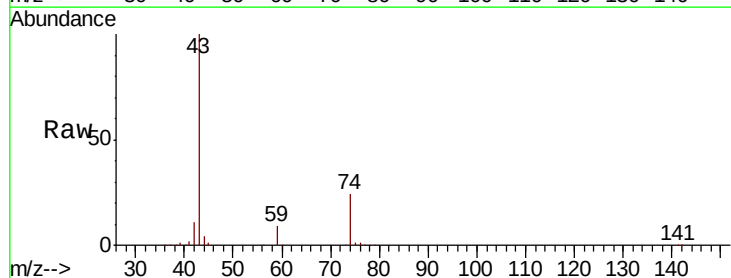
Acq: 10 Nov 2018 04:51

Tgt Ion: 43 Resp: 118733

Ion Ratio Lower Upper

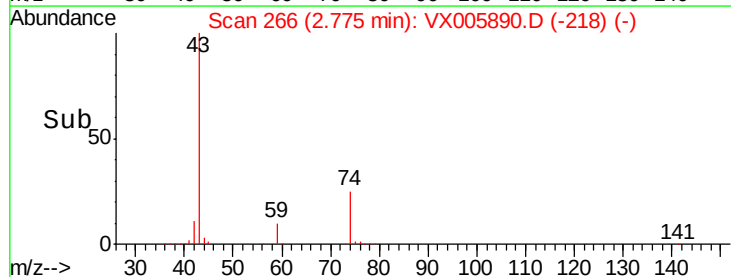
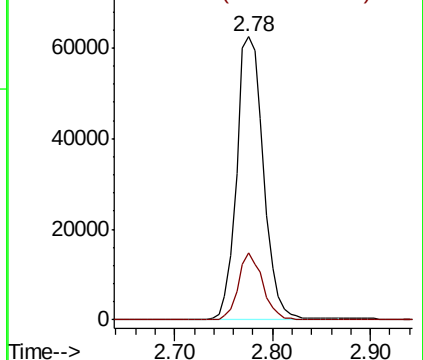
43 100

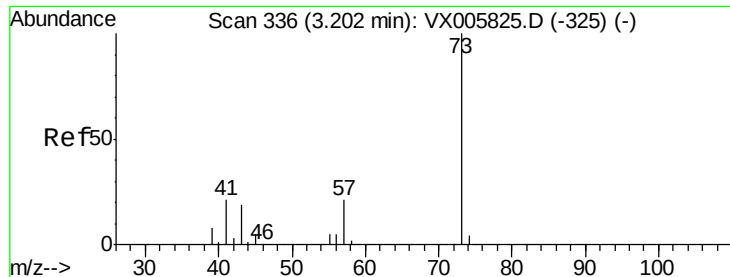
74 21.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

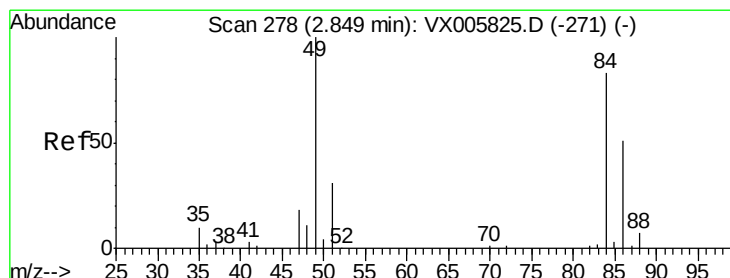
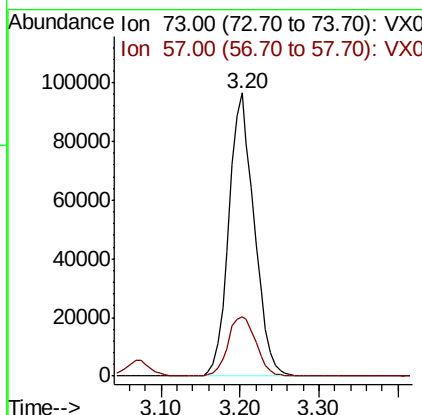
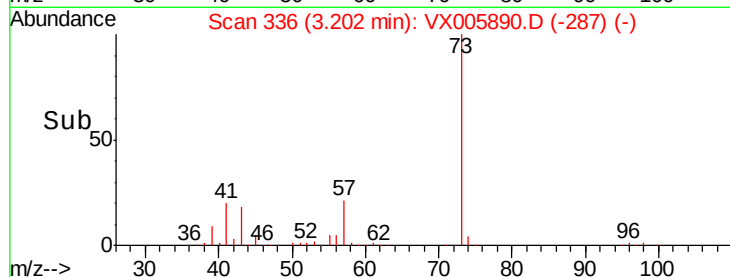
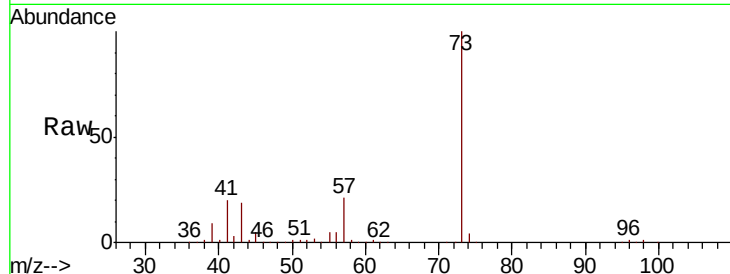




#19
Methyl tert-butyl Ether
Concen: 51.459 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

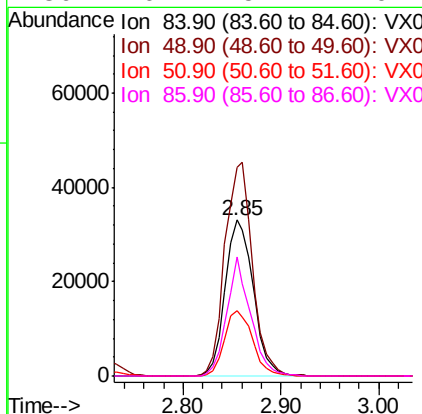
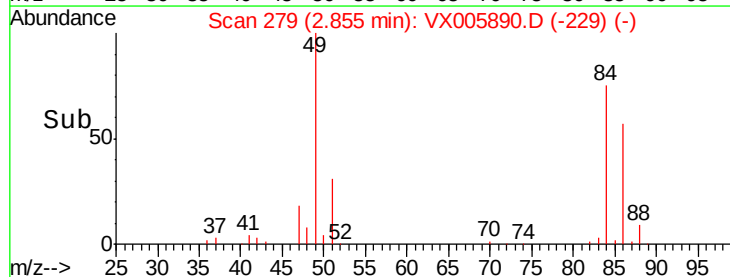
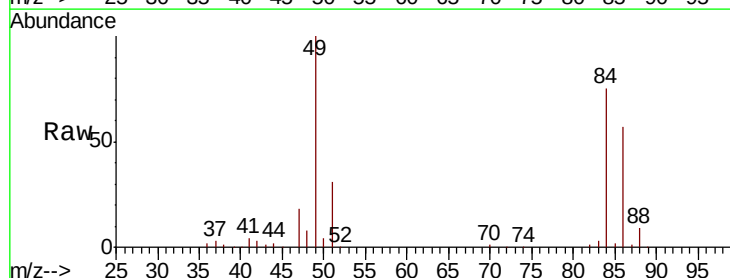
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

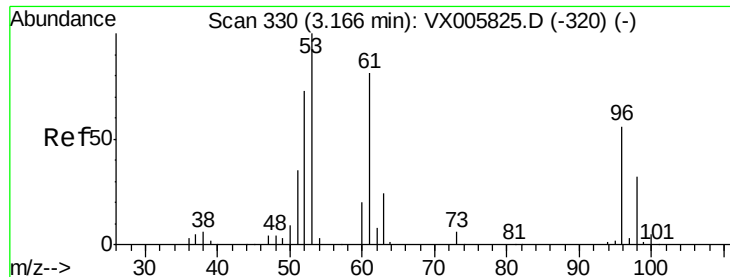
Tot Ion: 73 Resp: 216054
Ion Ratio Lower Upper
73 100
57 21.0 18.8 28.2



#20
Methylene Chloride
Concen: 46.605 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion: 84 Resp: 65950
Ion Ratio Lower Upper
84 100
49 134.1 109.5 164.3
51 42.2 33.3 49.9
86 76.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.591 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

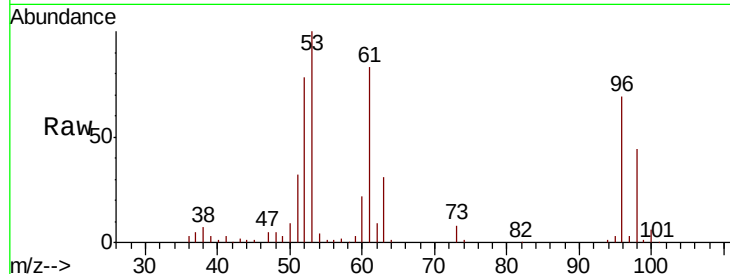
Tot Ion: 96 Resp: 64343

Ion Ratio Lower Upper

96 100

61 120.8 115.6 173.4

98 64.0 50.2 75.2

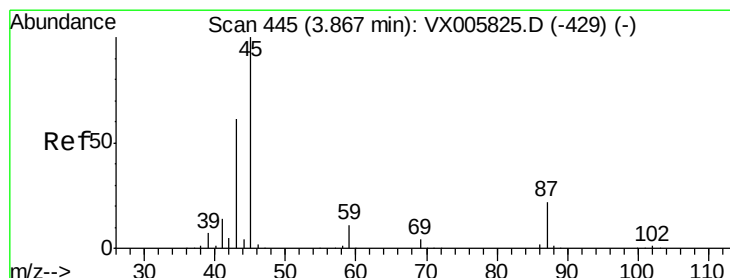
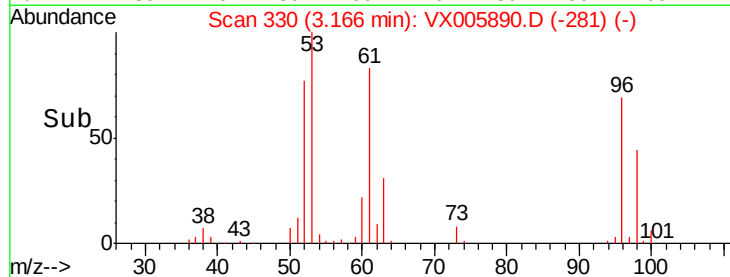
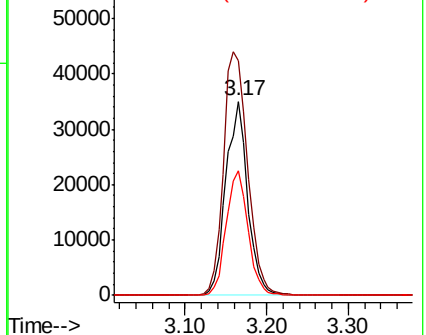


Abundance

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



#22

Diisopropyl ether

Concen: 48.671 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Tgt Ion: 45 Resp: 234246

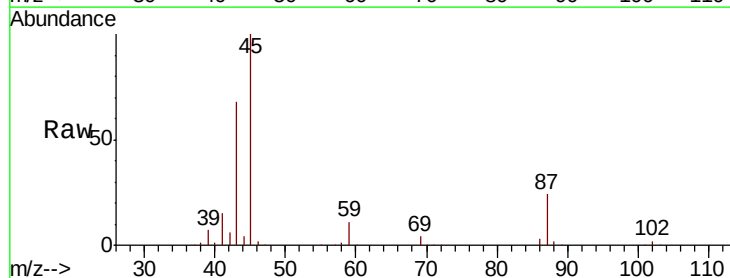
Ion Ratio Lower Upper

45 100

43 67.6 47.4 71.2

87 24.1 15.9 23.9#

59 11.4 7.7 11.5



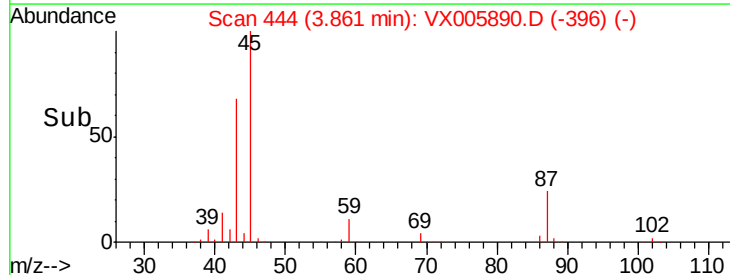
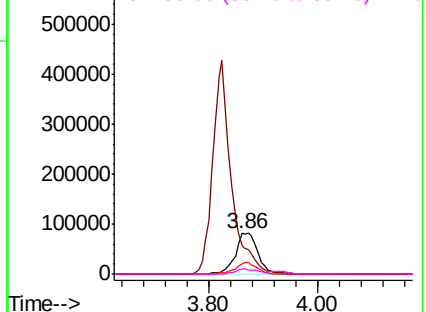
Abundance

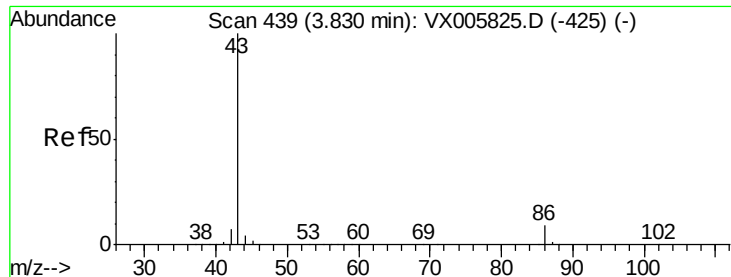
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 244.410 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

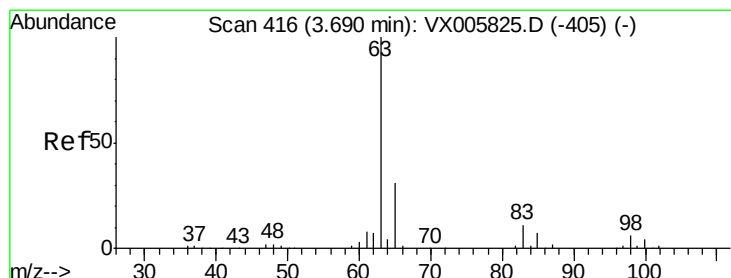
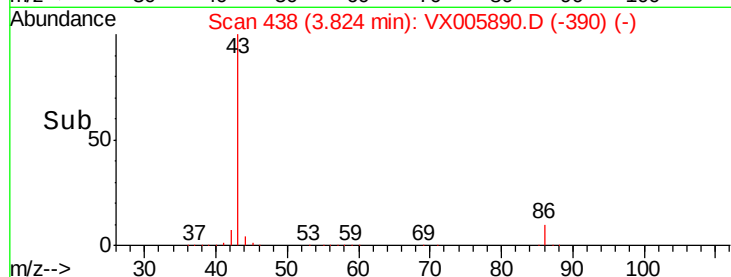
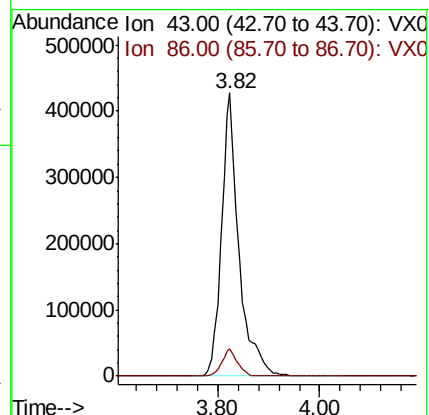
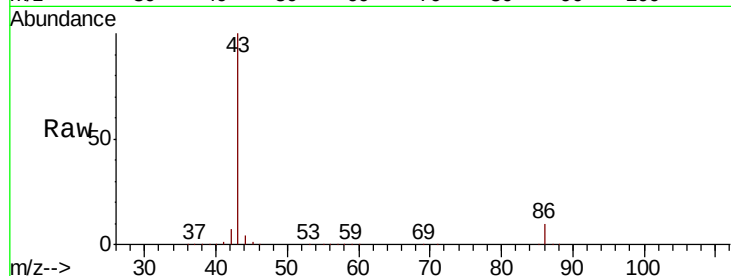
VSTDCCC050EC

Tot Ion: 43 Resp: 1008579

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2



#24

1,1-Dichloroethane

Concen: 48.184 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

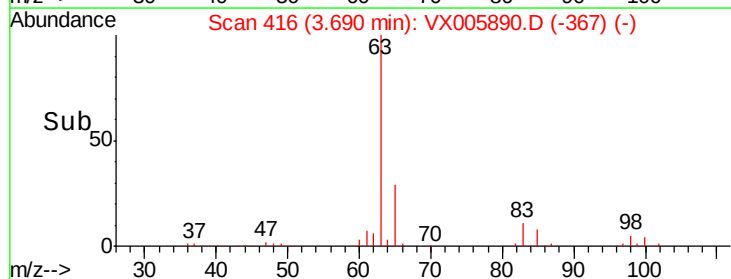
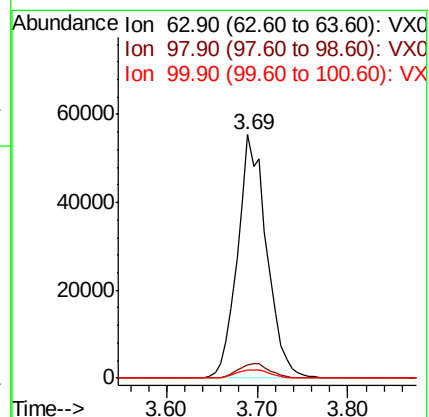
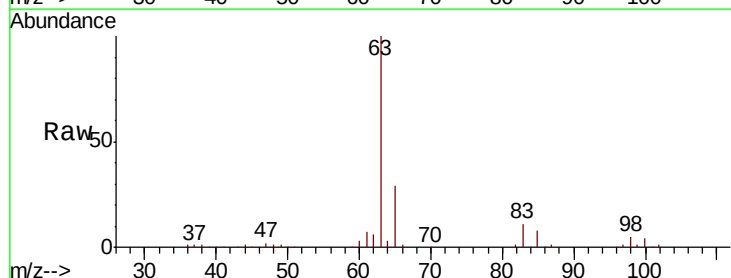
Tgt Ion: 63 Resp: 123724

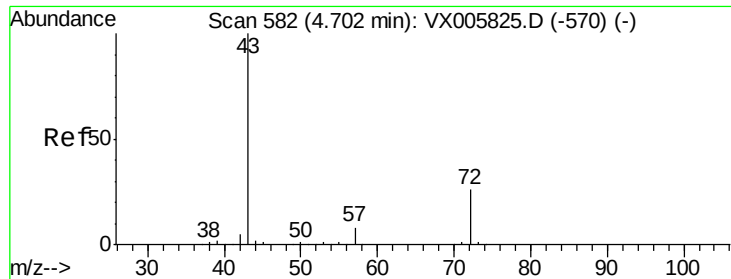
Ion Ratio Lower Upper

63 100

98 5.4 3.2 9.6

100 3.6 2.1 6.2





#25

2-Butanone

Concen: 240.413 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

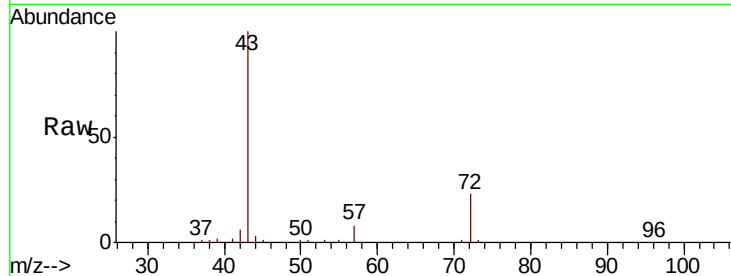
VSTDCCC050EC

Tot Ion: 43 Resp: 325606

Ion Ratio Lower Upper

43 100

72 23.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

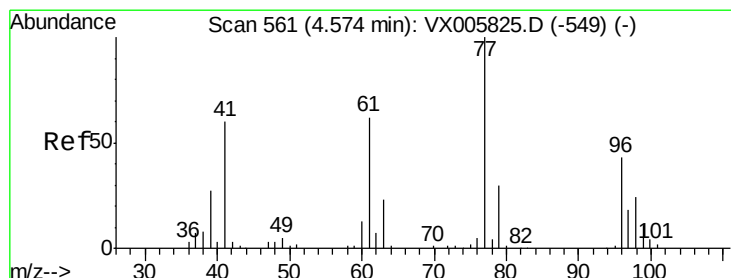
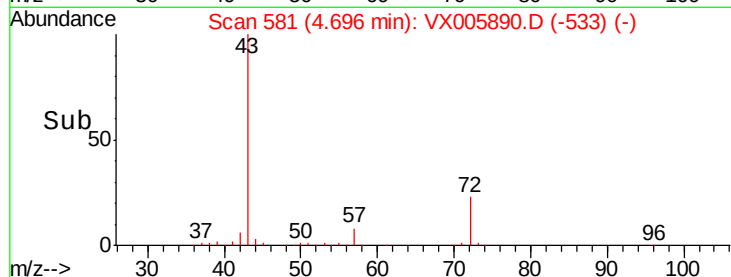
4.70

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 37.000 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005890.D

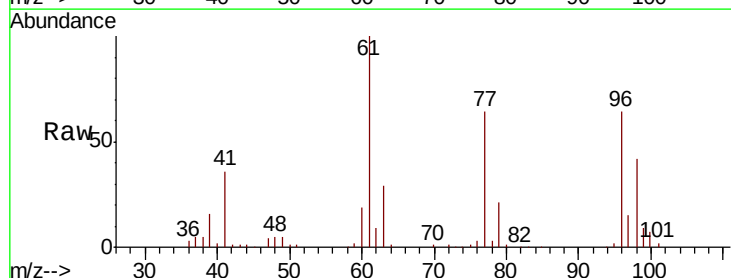
Acq: 10 Nov 2018 04:51

Tgt Ion: 77 Resp: 69692

Ion Ratio Lower Upper

77 100

97 24.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

25000

20000

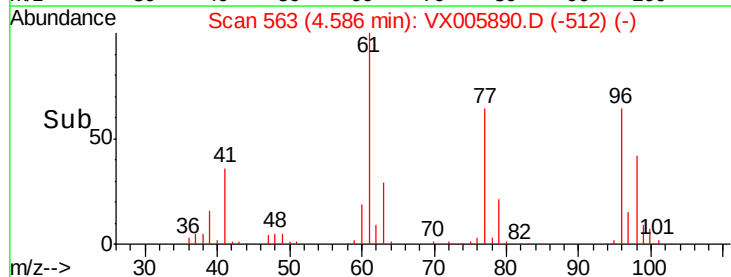
15000

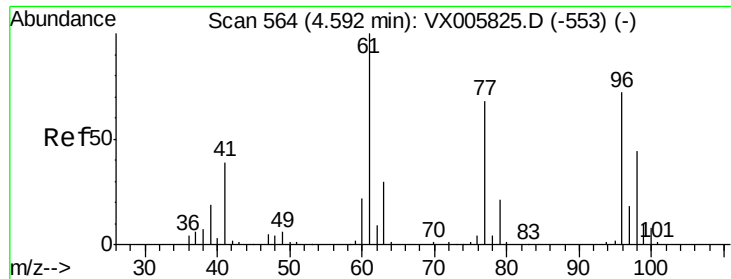
10000

5000

0

Time-->



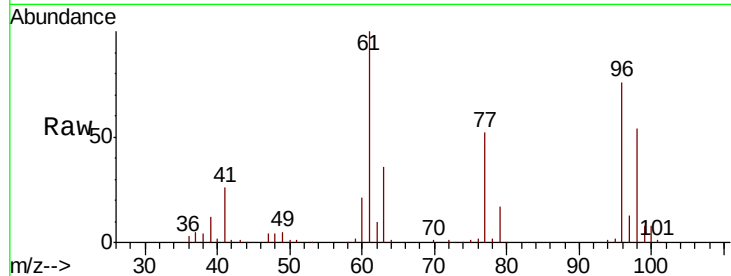


#27

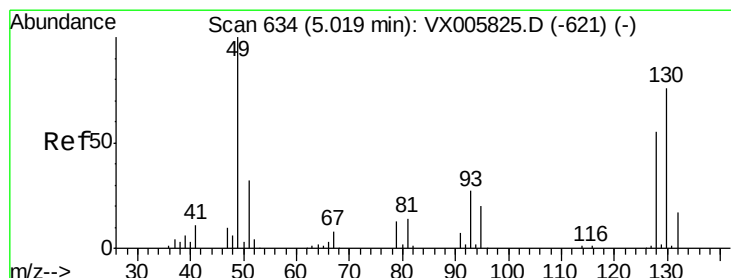
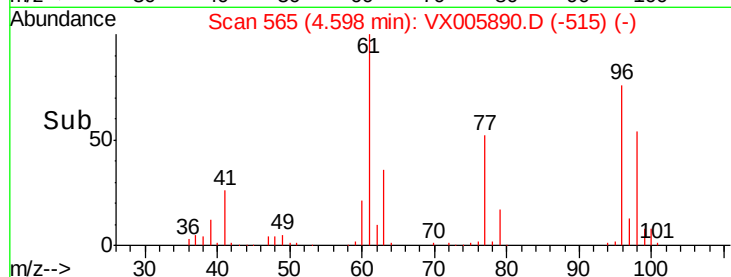
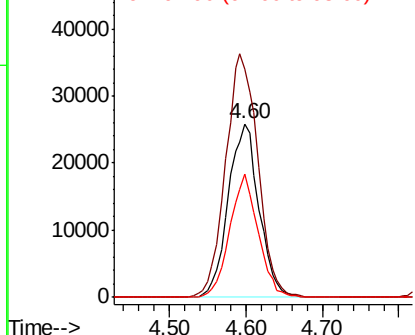
cis-1,2-Dichloroethene
 Concen: 49.919 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 71518
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 304.6
 98 65.8 0.0 127.4



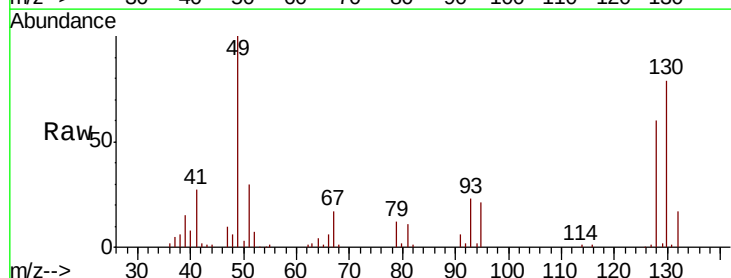
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



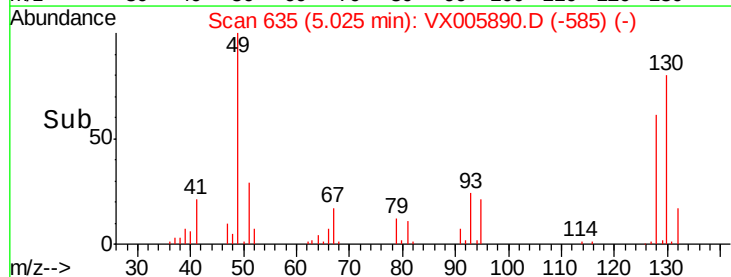
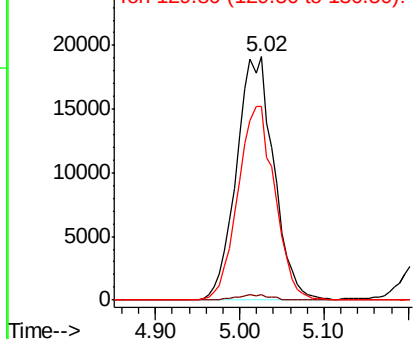
#28

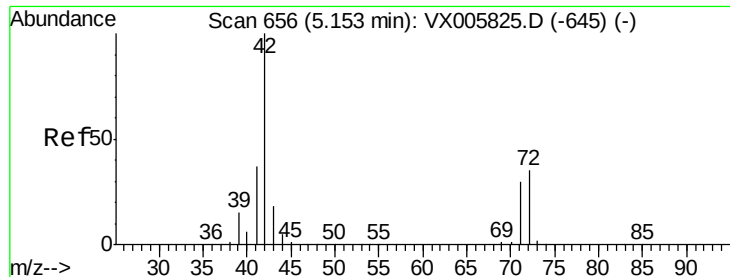
Bromochloromethane
 Concen: 50.212 ug/l
 RT: 5.02 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Tgt Ion: 49 Resp: 57622
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 78.3 58.9 88.3



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: 257.882 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

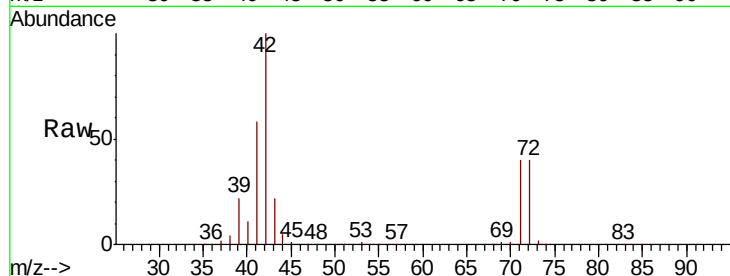
Tot Ion: 42 Resp: 224255

Ion Ratio Lower Upper

42 100

72 40.0 32.0 48.0

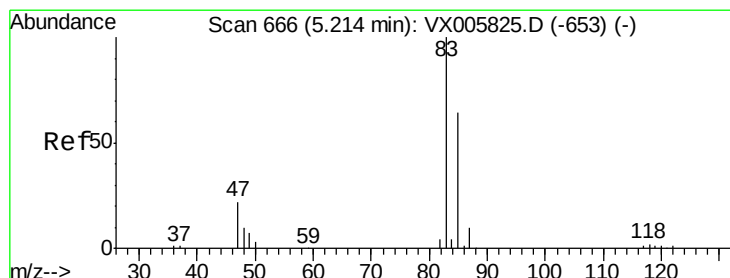
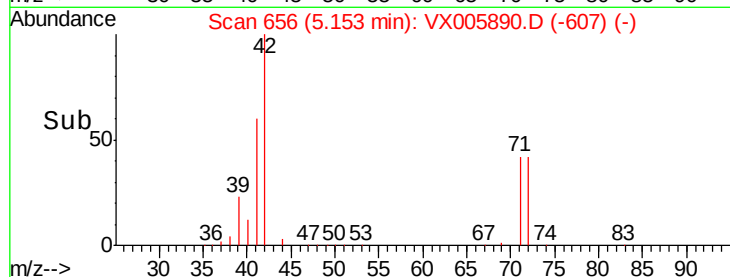
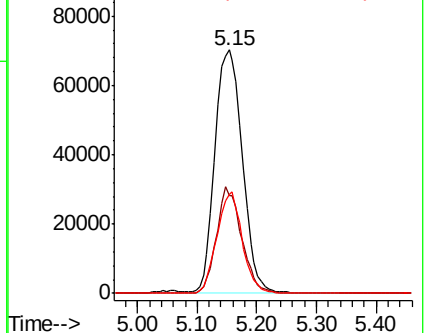
71 38.4 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.662 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005890.D

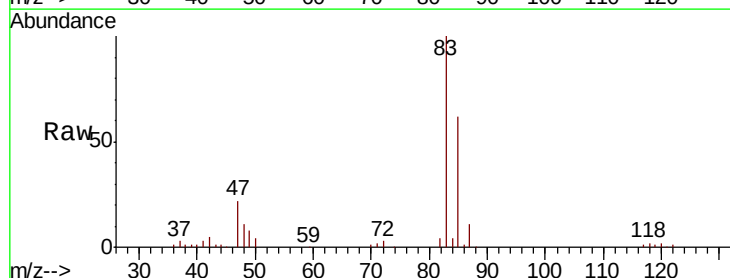
Acq: 10 Nov 2018 04:51

Tgt Ion: 83 Resp: 115596

Ion Ratio Lower Upper

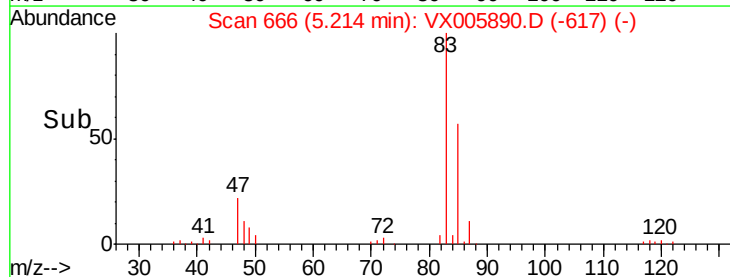
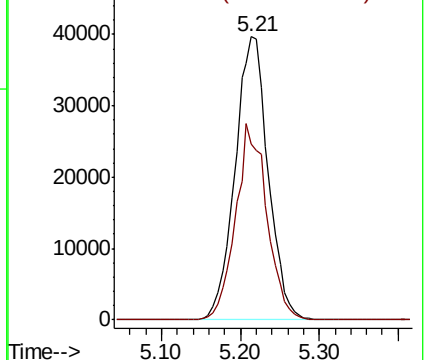
83 100

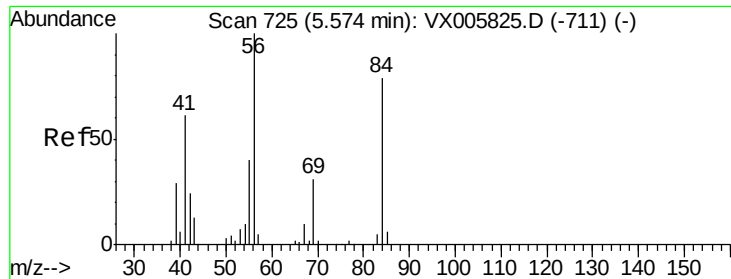
85 62.3 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

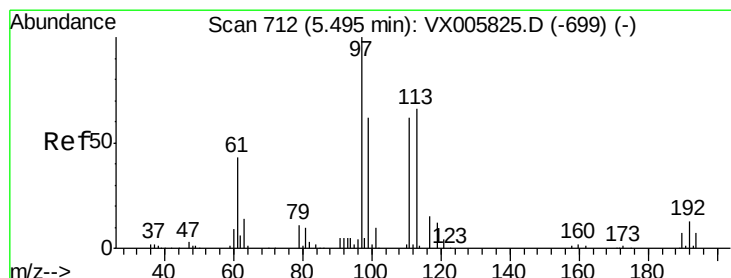
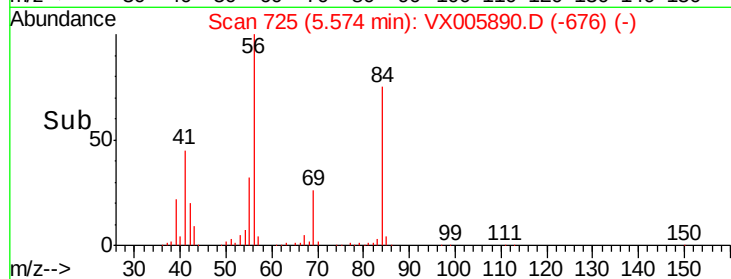
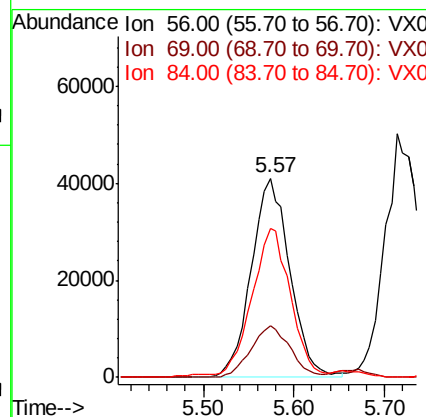
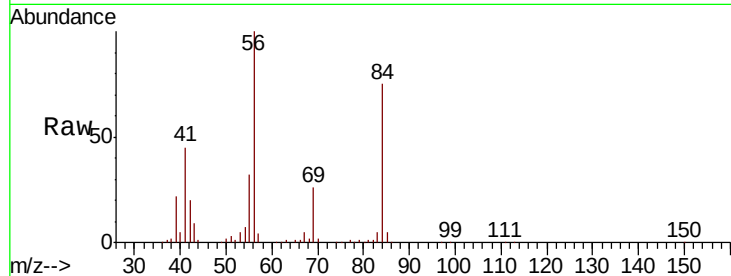




#31
Cyclohexane
Concen: 54.097 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

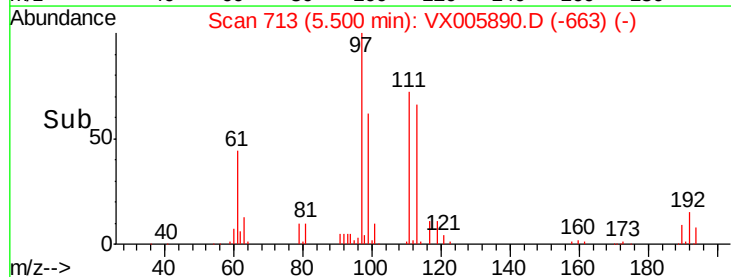
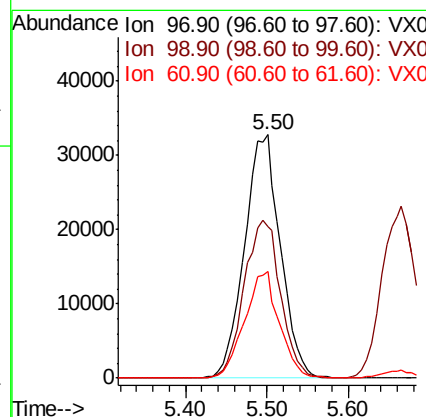
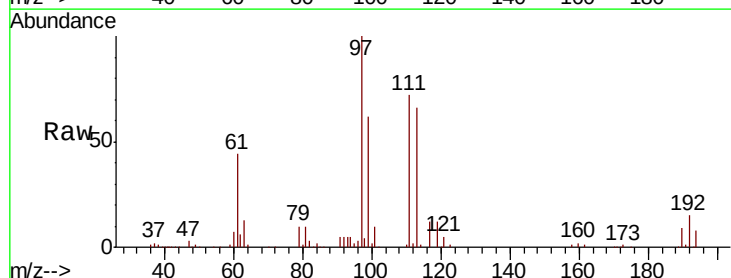
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

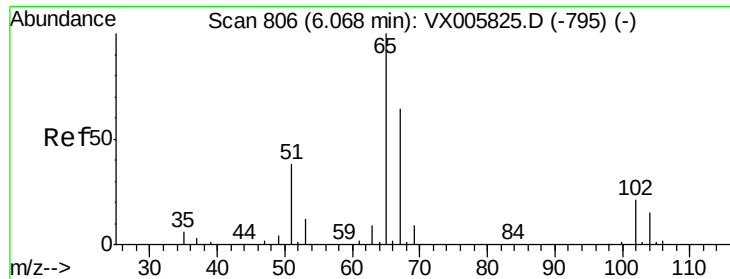
Tot Ion: 56 Resp: 120577
Ion Ratio Lower Upper
56 100
69 25.6 22.6 34.0
84 73.4 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 48.527 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion: 97 Resp: 100272
Ion Ratio Lower Upper
97 100
99 65.9 52.3 78.5
61 42.5 35.2 52.8

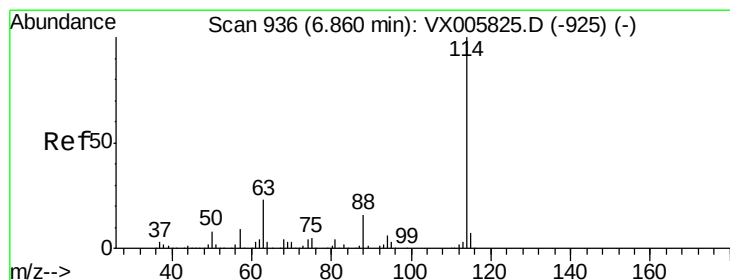
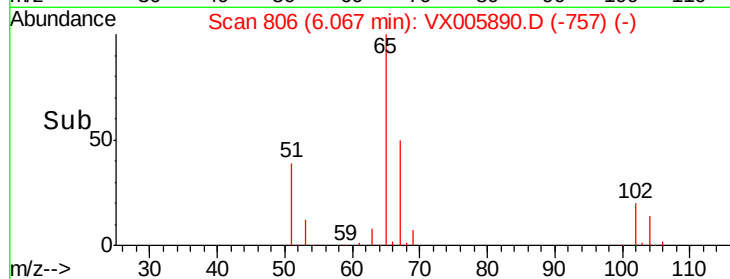
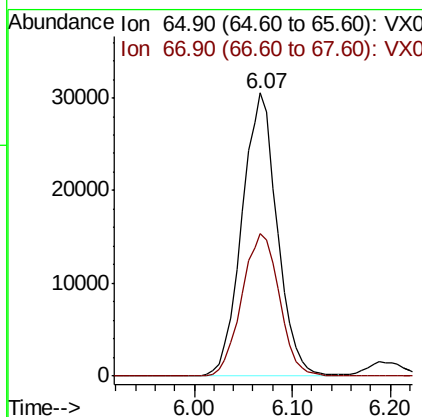
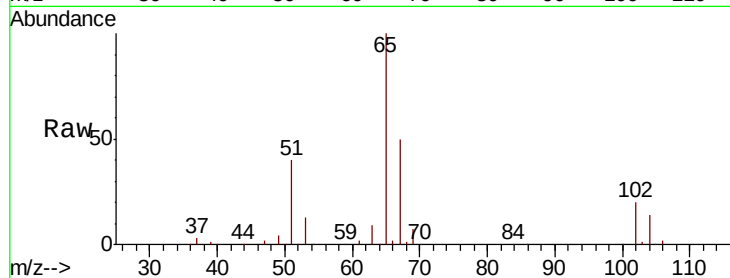




#33
 1,2-Dichloroethane-d4
 Concen: 47.700 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

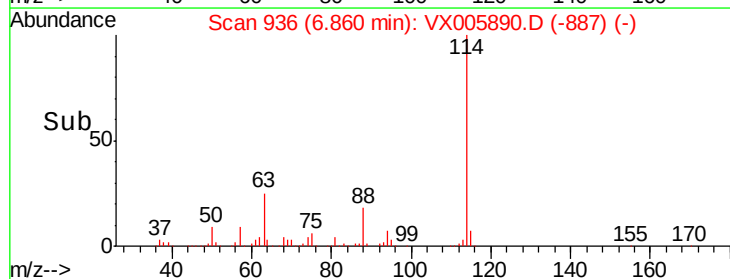
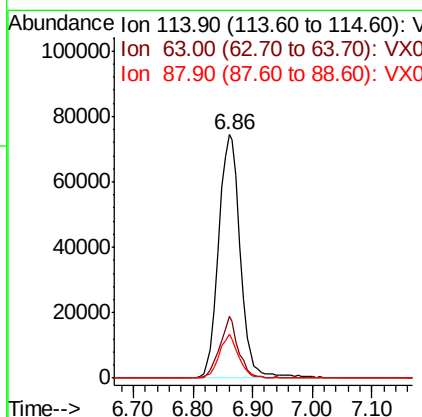
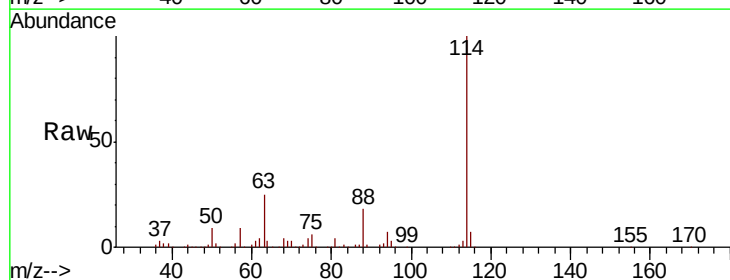
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

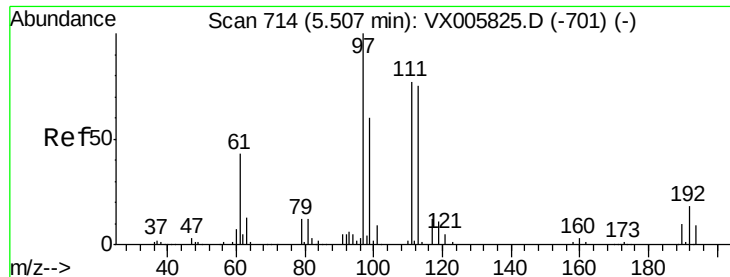
Tot Ion: 65 Resp: 76319
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Tgt Ion: 114 Resp: 188450
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 42.8
 88 17.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.513 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

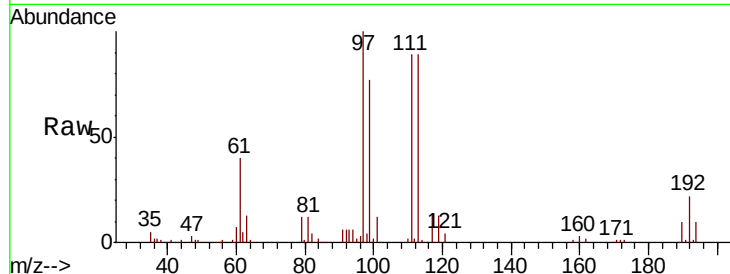
Tot Ion:113 Resp: 62181

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

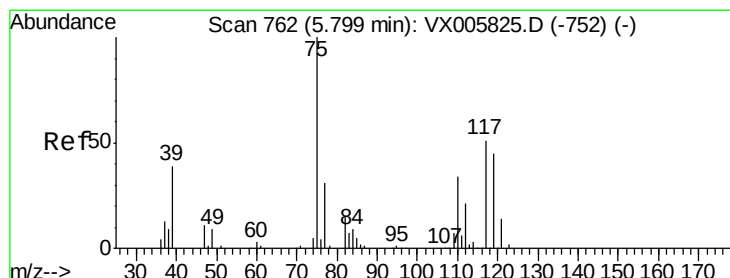
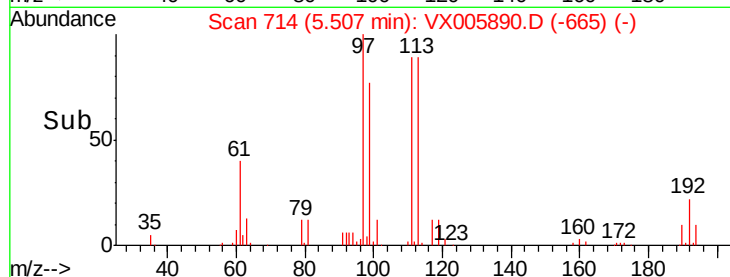
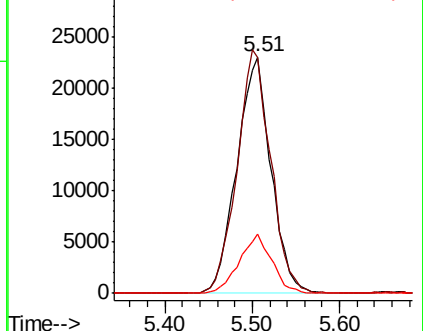
192 23.8 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.775 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

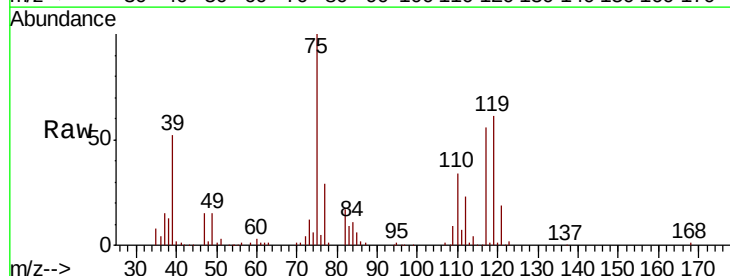
Tgt Ion: 75 Resp: 90426

Ion Ratio Lower Upper

75 100

110 36.3 17.4 52.2

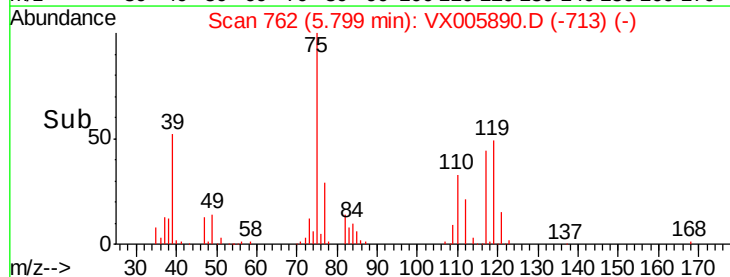
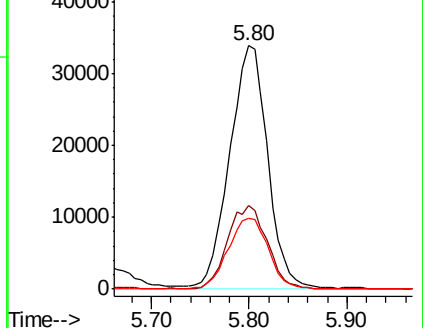
77 30.7 25.8 38.6

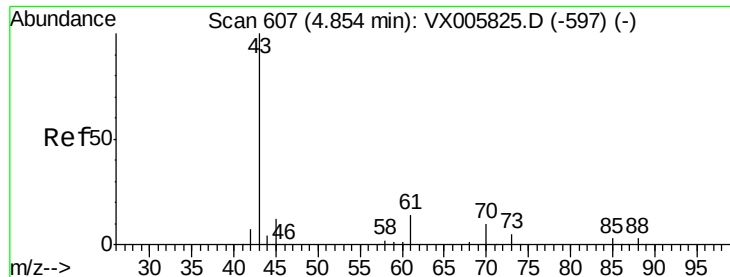


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.220 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

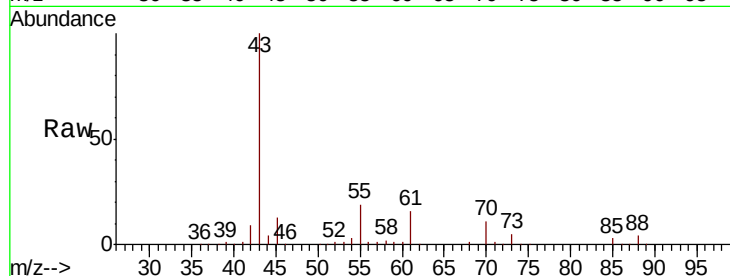
Tot Ion: 43 Resp: 124753

Ion Ratio Lower Upper

43 100

61 14.0 10.8 16.2

70 10.2 7.8 11.8

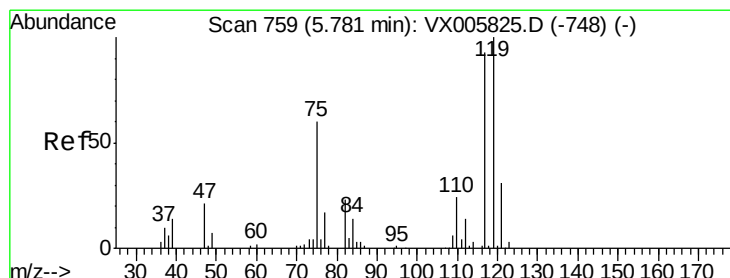
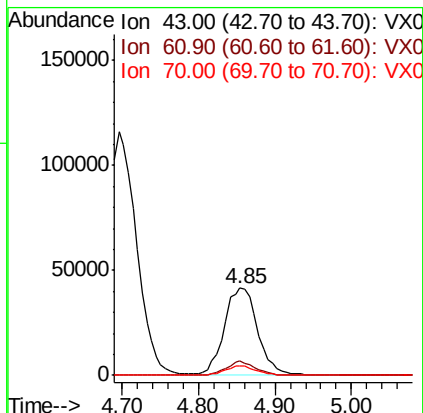
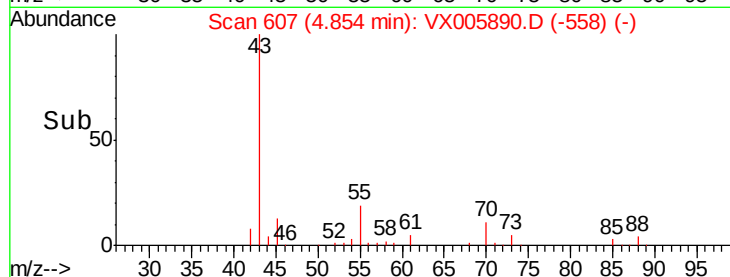


Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005825.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005825.D (-597) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 48.245 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

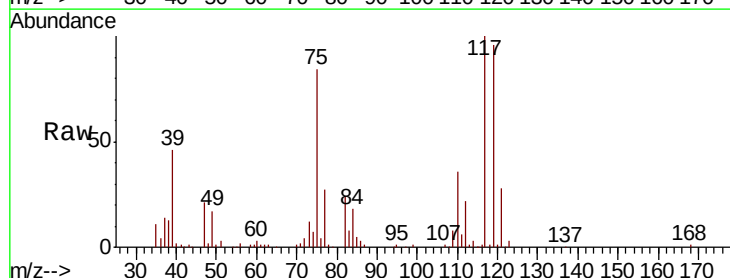
Tgt Ion: 117 Resp: 87744

Ion Ratio Lower Upper

117 100

119 95.9 78.1 117.1

121 27.7 24.6 36.8

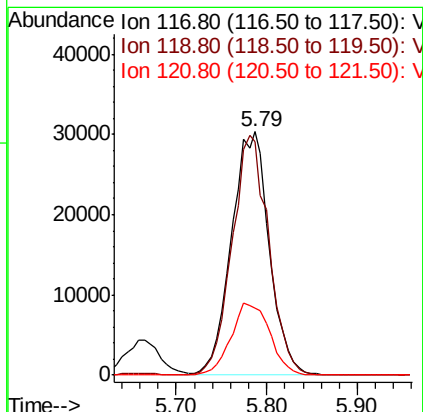
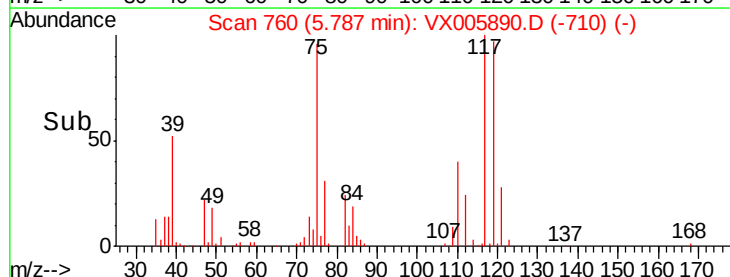


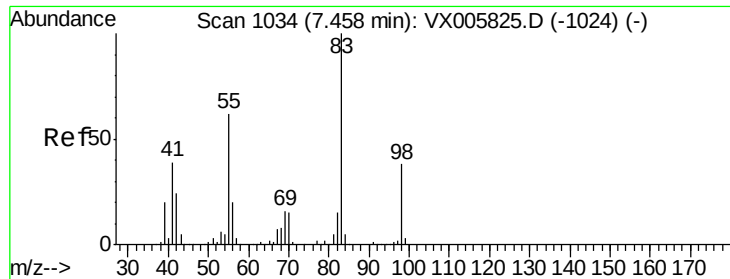
Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005825.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005825.D (-748) (-)

Time-->

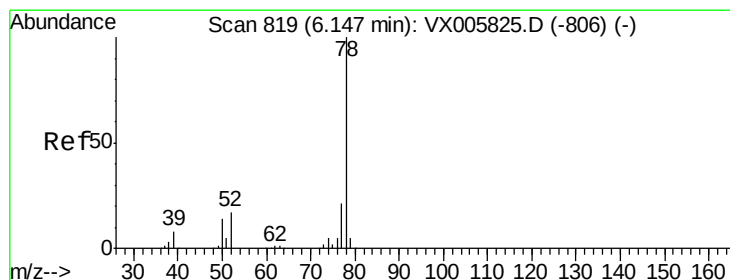
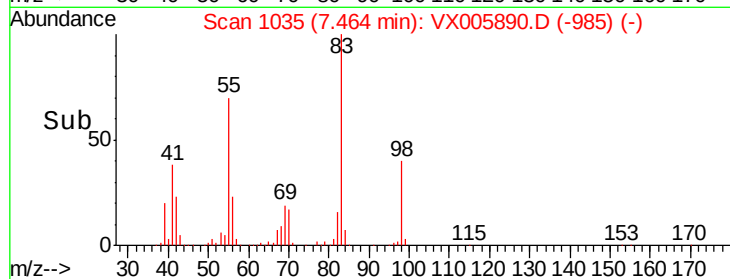
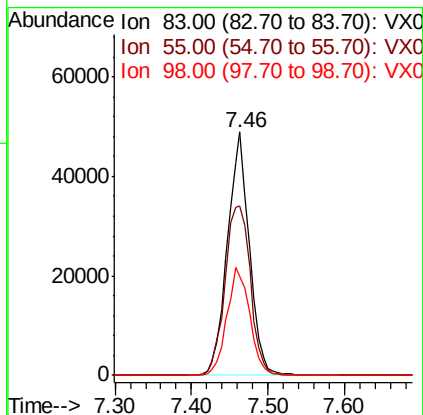
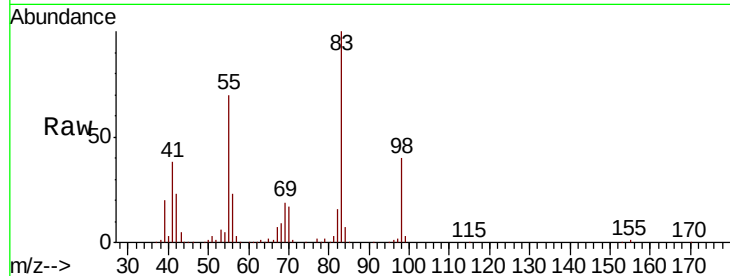




#39
Methylvlcyclohexane
Concen: 52.586 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

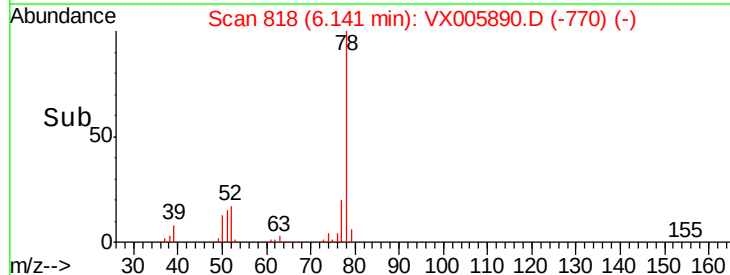
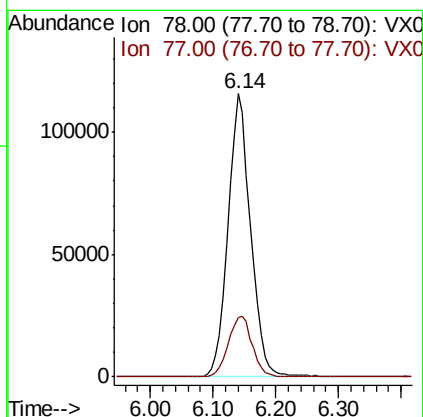
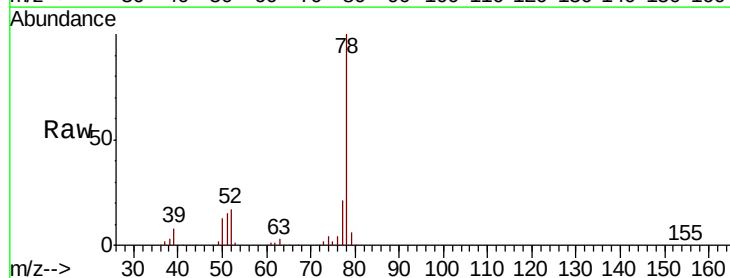
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

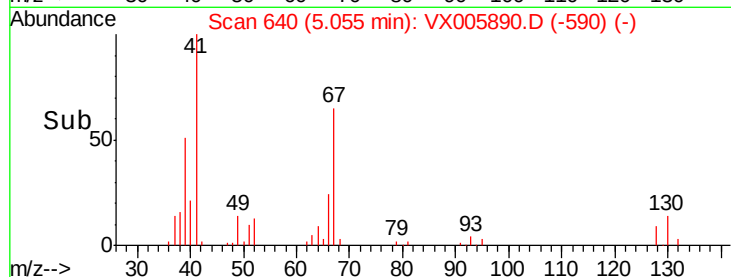
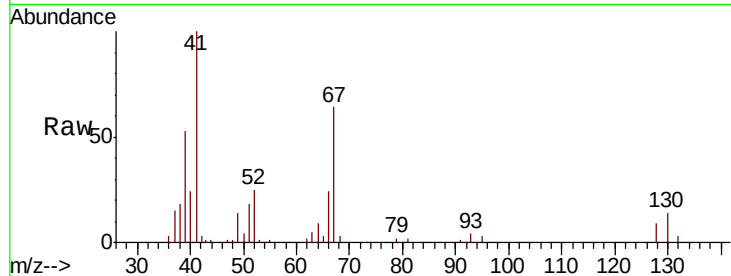
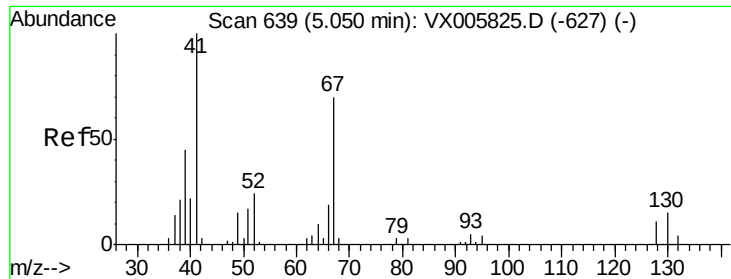
Tot Ion	83.00	Resp	96825
Ion Ratio	Lower	Upper	
83	100		
55	69.5	63.7	95.5
98	40.5	36.2	54.2



#40
Benzene
Concen: 54.360 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion	78.00	Resp	287897
Ion Ratio	Lower	Upper	
78	100		
77	20.8	18.4	27.6

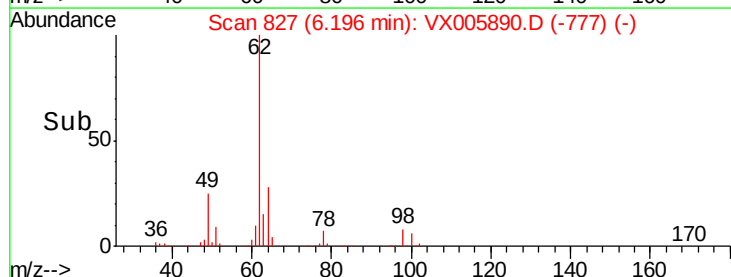
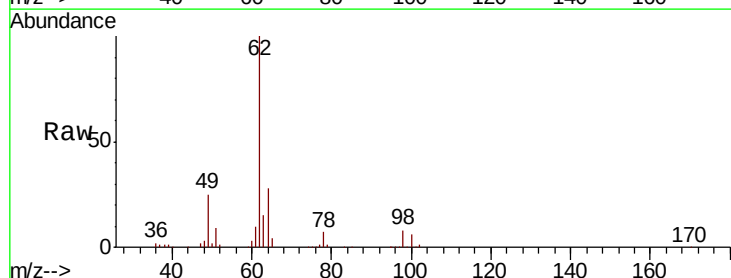
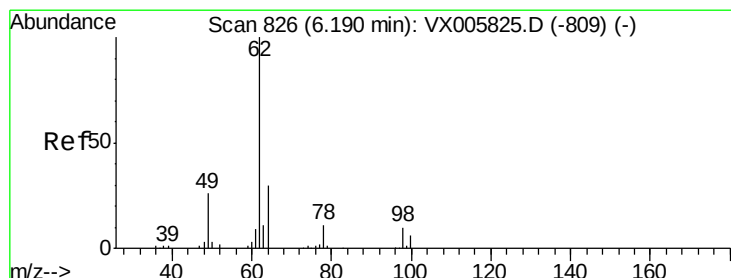
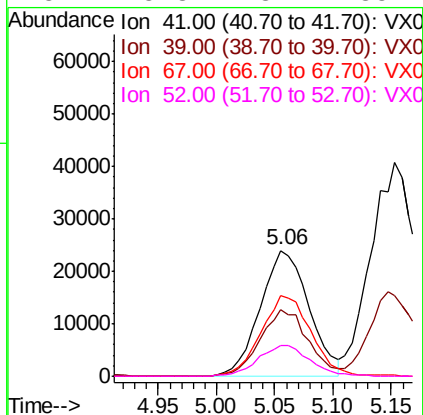




#41
Methacrylonitrile
Concen: 53.936 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

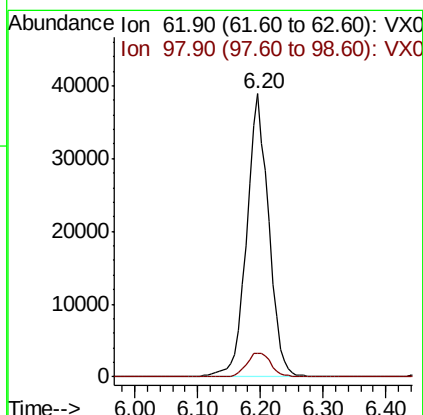
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

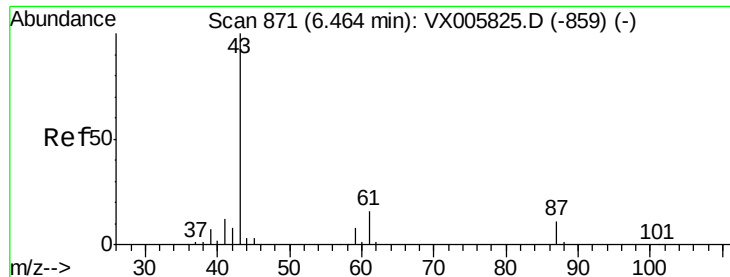
Tot Ion:	41	Resp:	69625
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.2	63.2
67	65.7	53.4	80.0
52	25.8	23.4	35.2



#42
1,2-Dichloroethane
Concen: 49.863 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion:	62	Resp:	94586
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 52.855 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

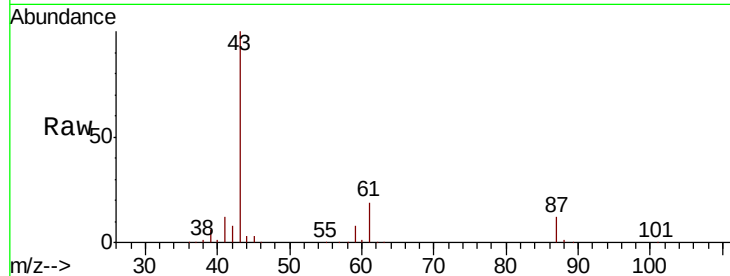
Tot Ion: 43 Resp: 182967

Ion Ratio Lower Upper

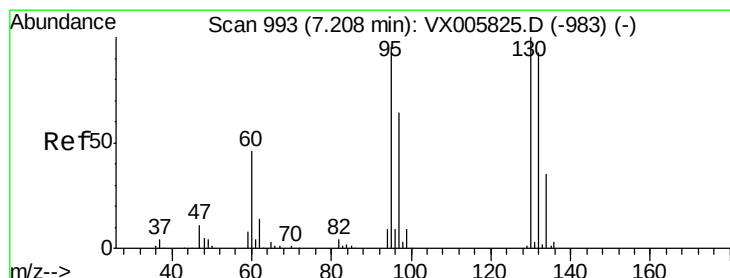
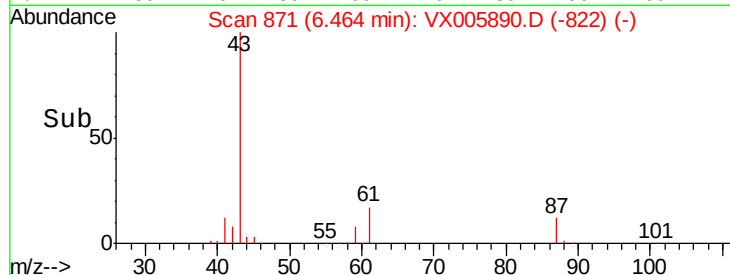
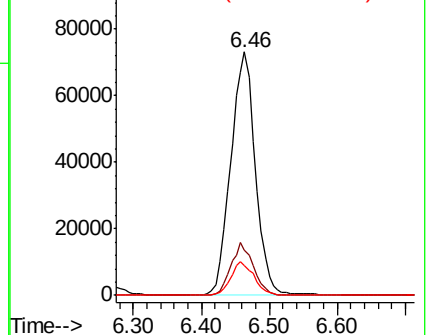
43 100

61 19.9 14.6 22.0

87 13.1 9.6 14.4



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



#44

Trichloroethene

Concen: 50.765 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005890.D

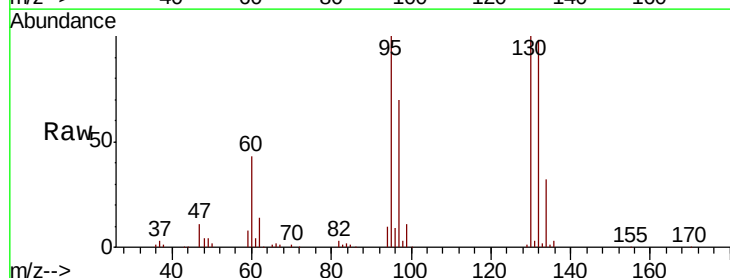
Acq: 10 Nov 2018 04:51

Tgt Ion:130 Resp: 68278

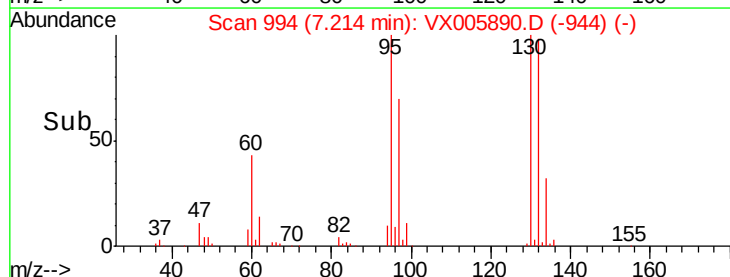
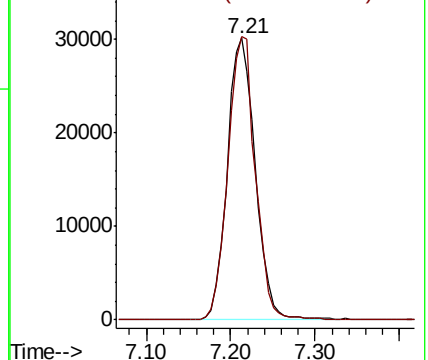
Ion Ratio Lower Upper

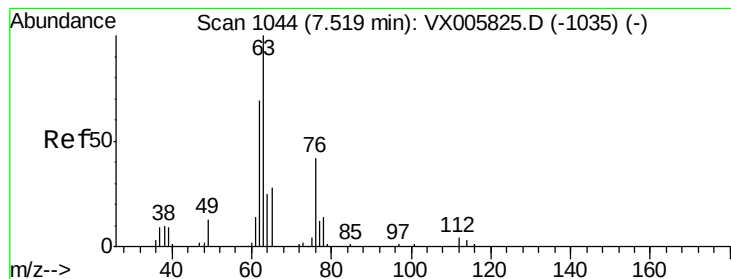
130 100

95 100.4 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 53.077 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

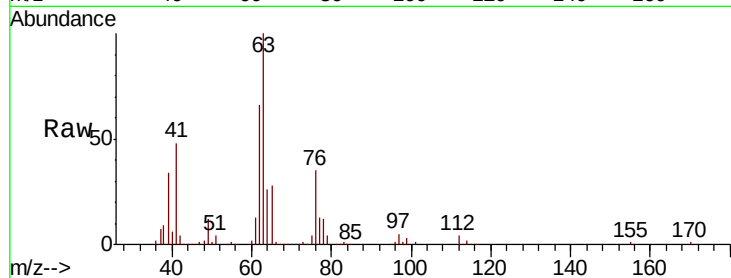
VSTDCCC050EC

Tot Ion: 63 Resp: 68228

Ion Ratio Lower Upper

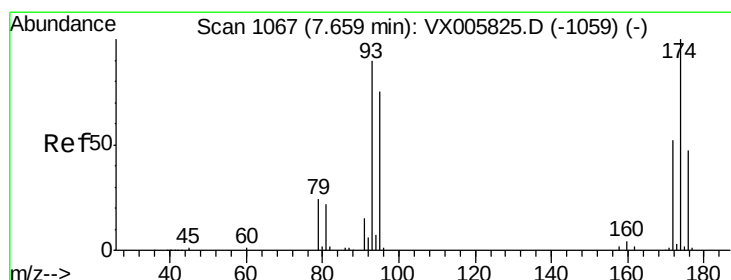
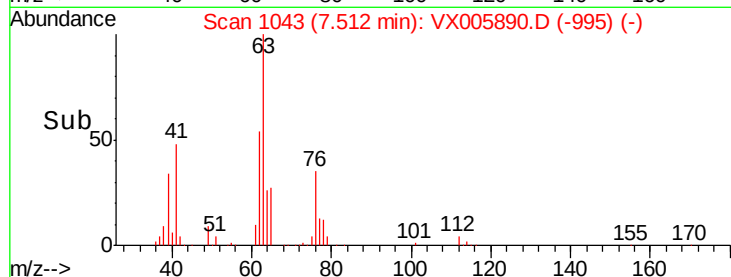
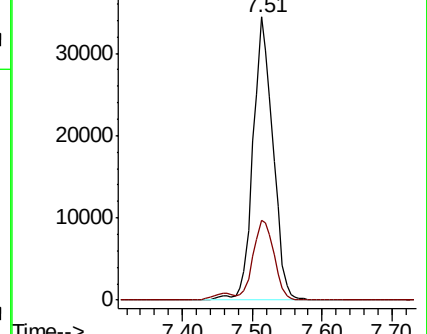
63 100

65 28.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.064 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

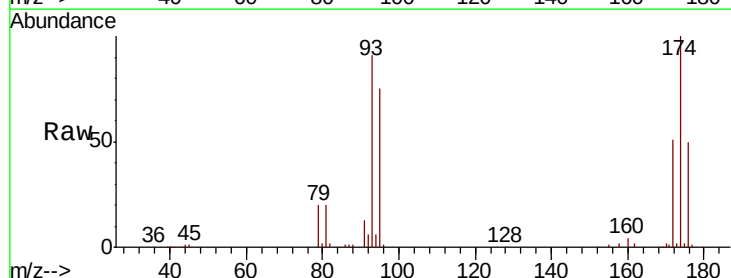
Tgt Ion: 93 Resp: 41190

Ion Ratio Lower Upper

93 100

95 81.5 67.4 101.0

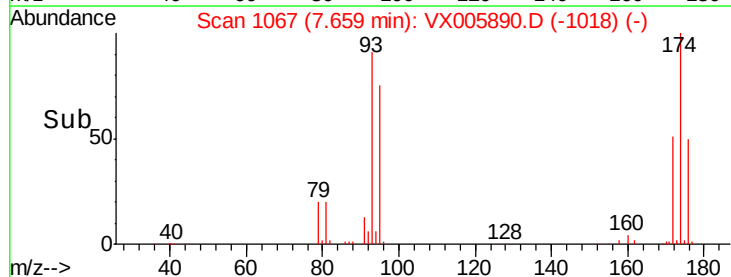
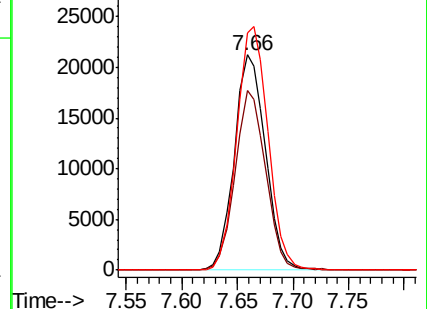
174 114.0 91.5 137.3

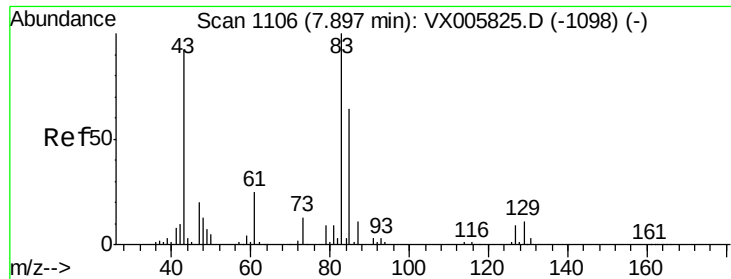


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.205 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

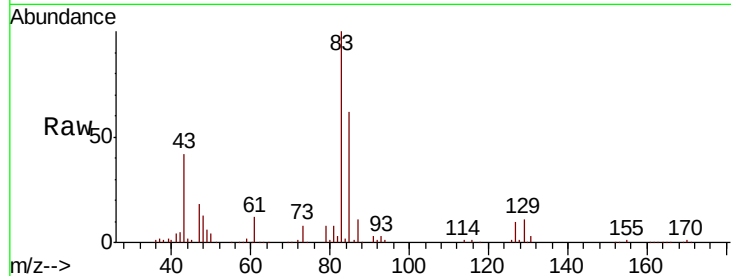
Tot Ion: 83 Resp: 79583

Ion Ratio Lower Upper

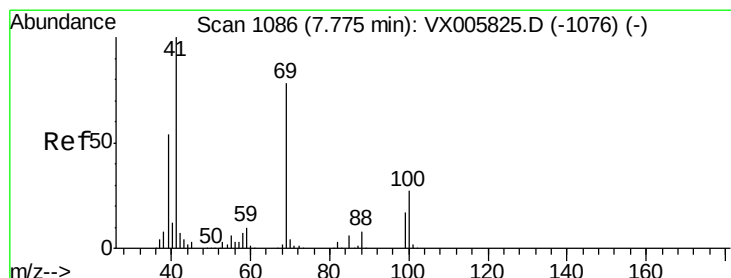
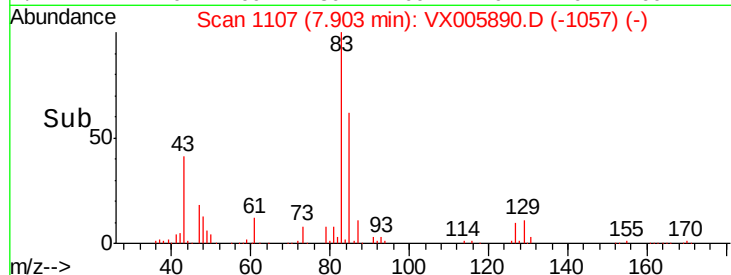
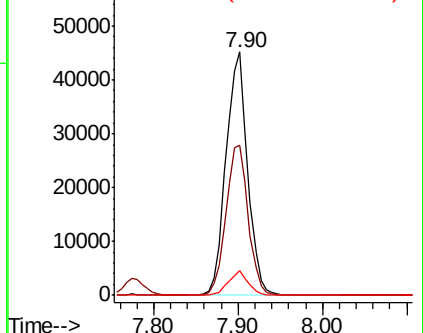
83 100

85 61.9 50.2 75.4

127 10.3 6.9 10.3



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: 56.663 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

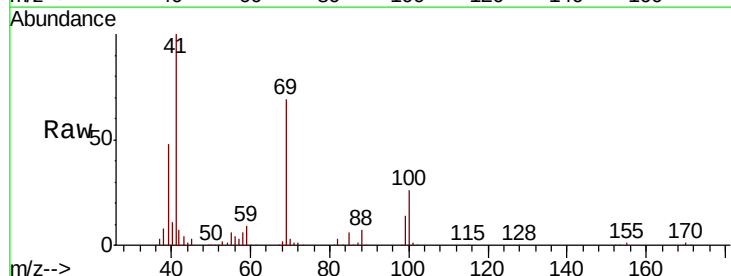
Tgt Ion: 41 Resp: 88076

Ion Ratio Lower Upper

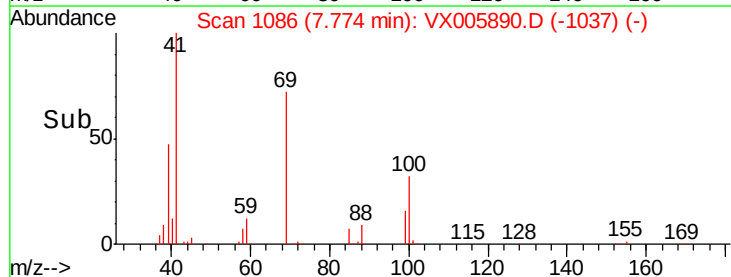
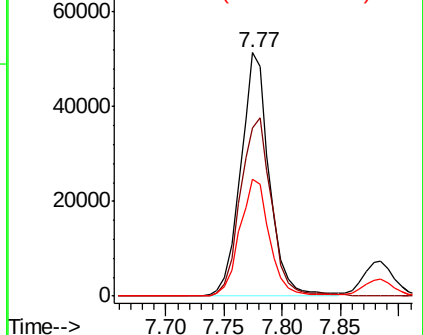
41 100

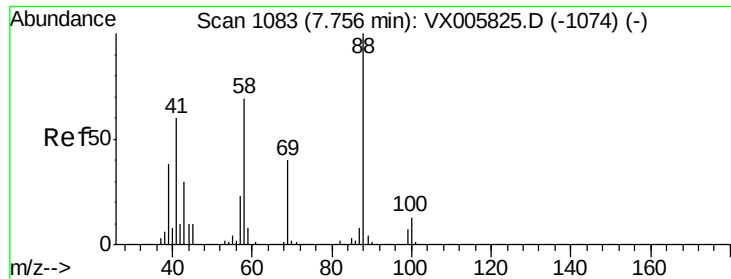
69 80.0 63.2 94.8

39 50.3 42.2 63.2



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

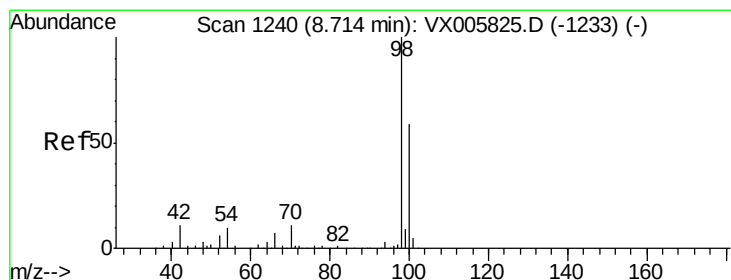
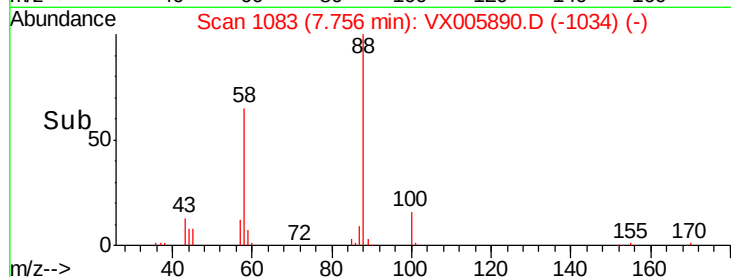
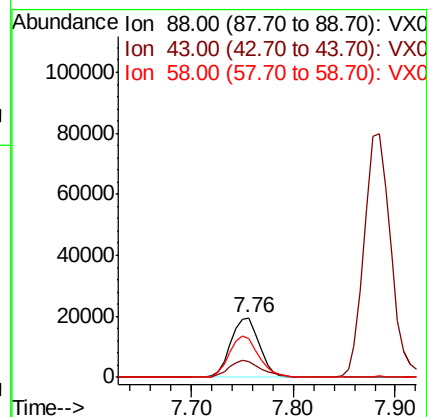
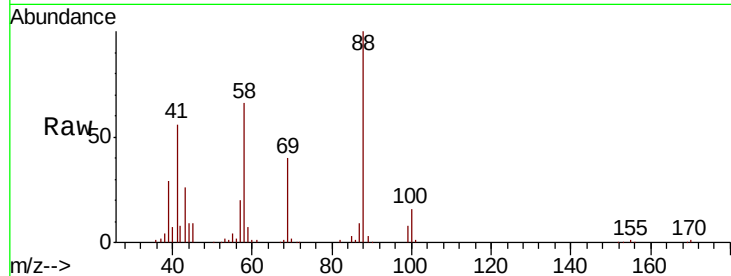




#49
1,4-Dioxane
Concen: 1132.519 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

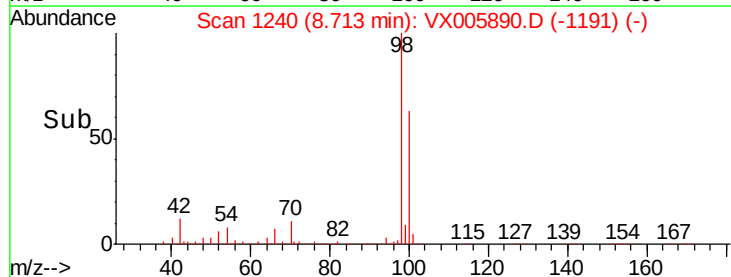
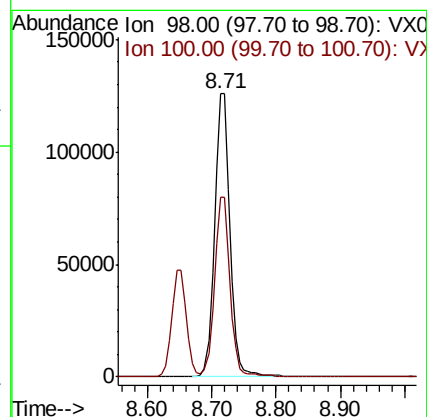
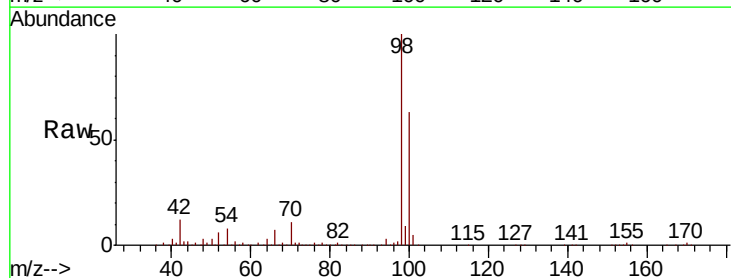
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

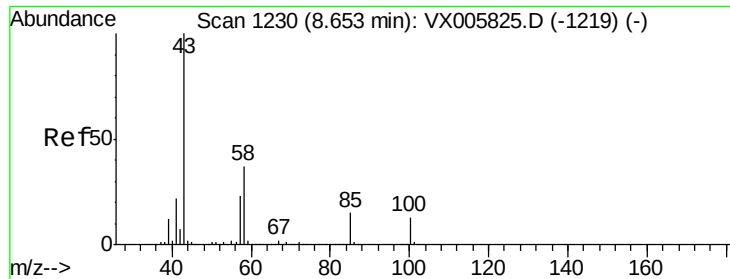
Tot Ion: 88 Resp: 37933
Ion Ratio Lower Upper
88 100
43 30.6 27.4 41.0
58 71.1 59.4 89.2



#50
Toluene-d8
Concen: 49.666 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion: 98 Resp: 211638
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9

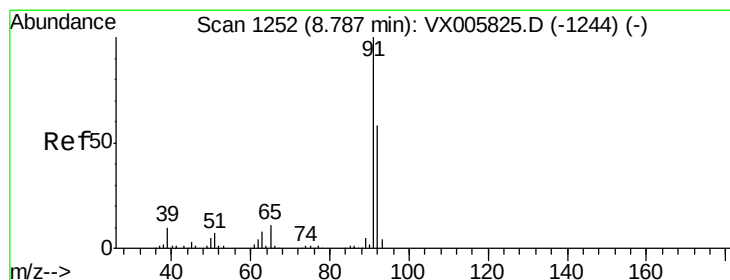
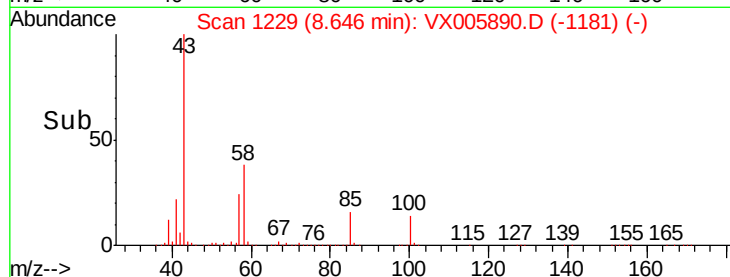
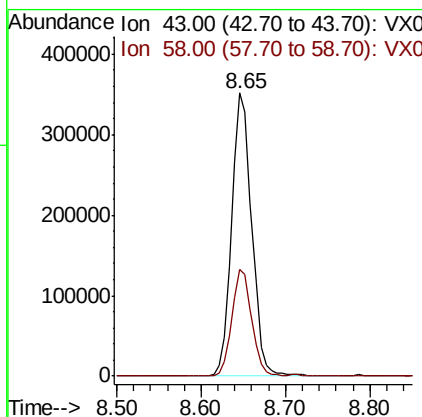
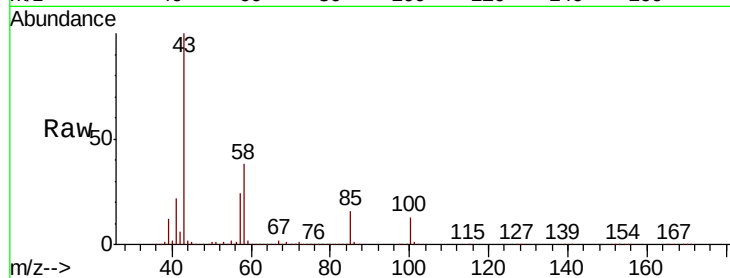




#51
4-Methyl-2-Pentanone
Concen: 260.549 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

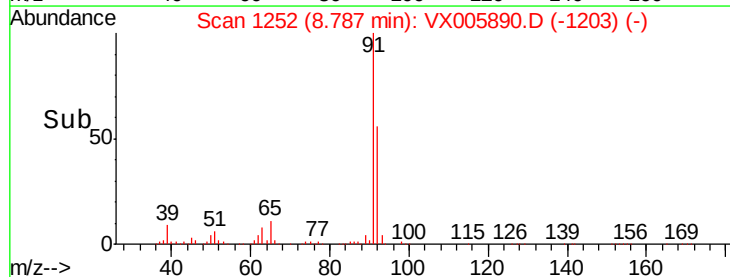
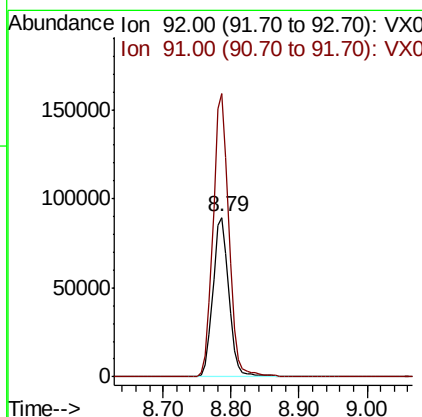
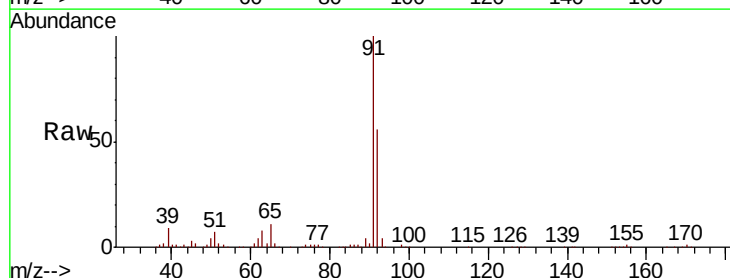
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

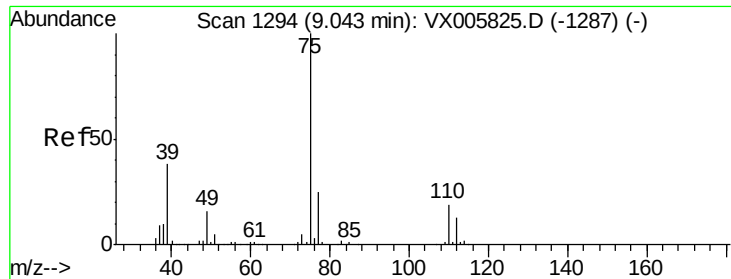
Tot Ion: 43 Resp: 568439
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5



#52
Toluene
Concen: 49.445 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion: 92 Resp: 146355
Ion Ratio Lower Upper
92 100
91 176.9 140.4 210.6

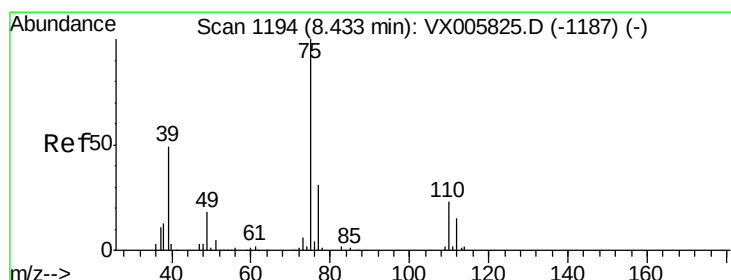
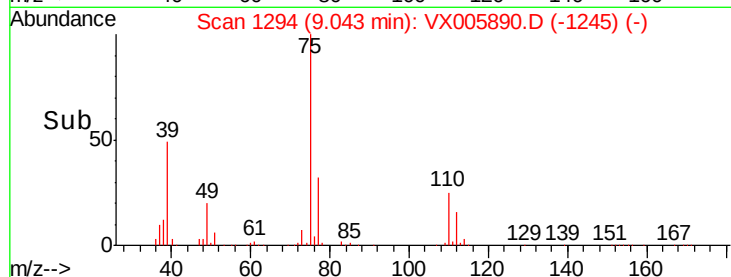
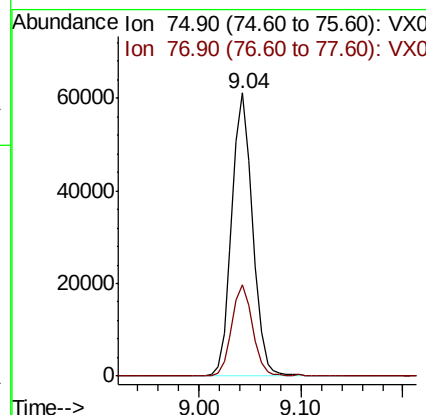
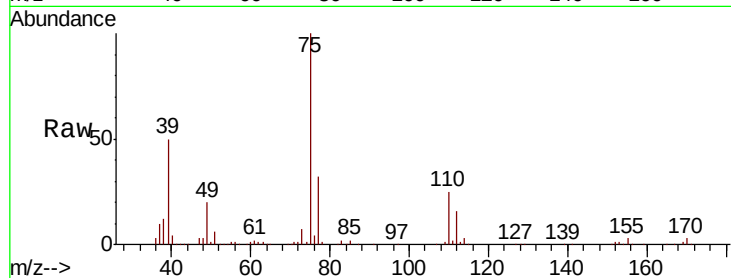




#53
 t-1,3-Dichloropropene
 Concen: 48.186 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

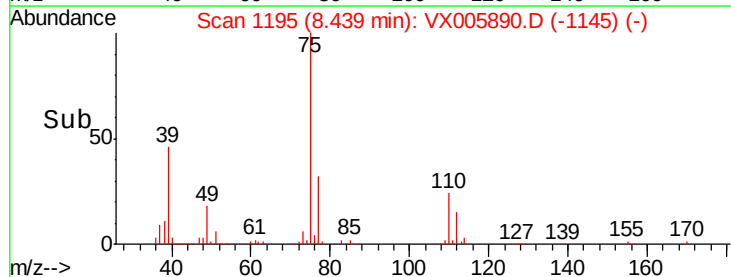
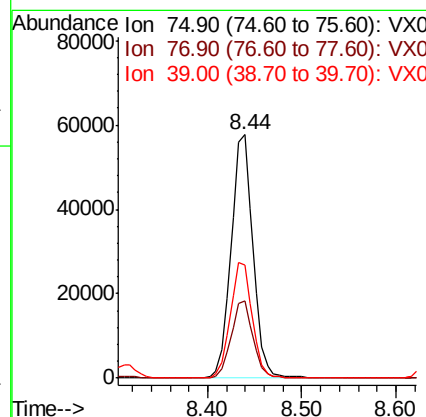
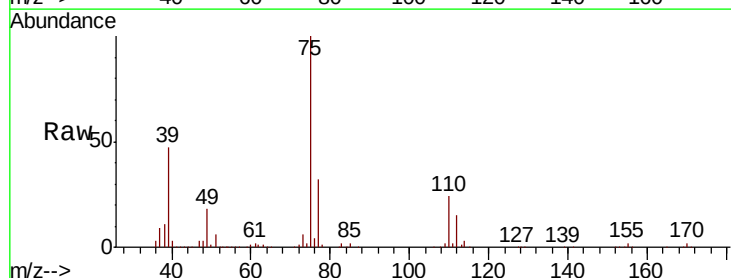
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

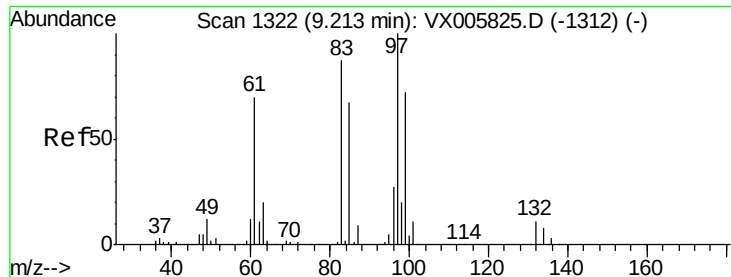
Tot Ion: 75 Resp: 86686
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.736 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Tgt Ion: 75 Resp: 93029
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 46.4 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 46.787 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 61720

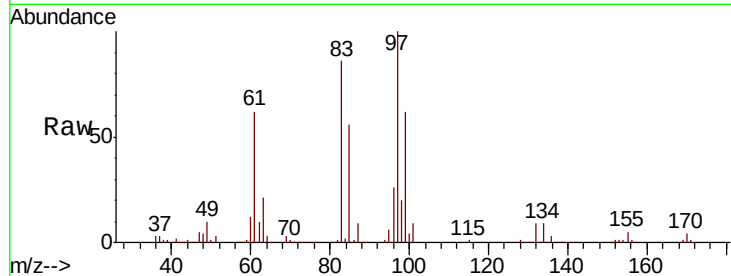
Ion Ratio Lower Upper

97 100

83 85.6 70.7 106.1

85 55.7 45.8 68.6

99 61.6 51.8 77.8

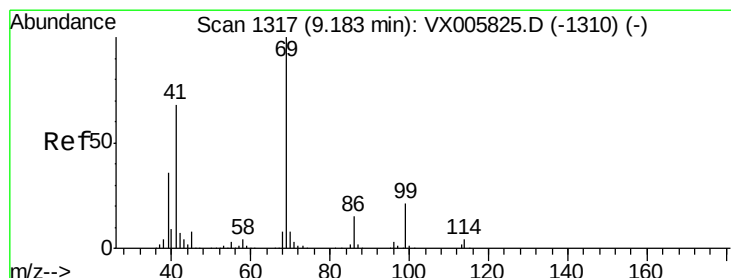
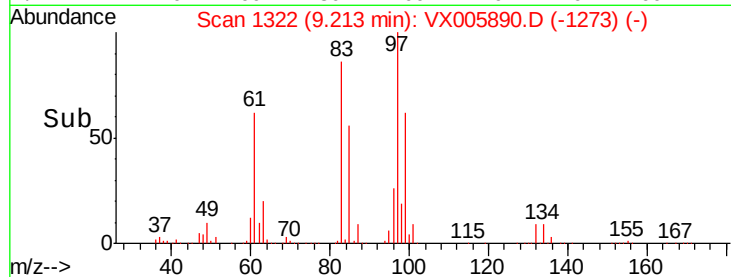
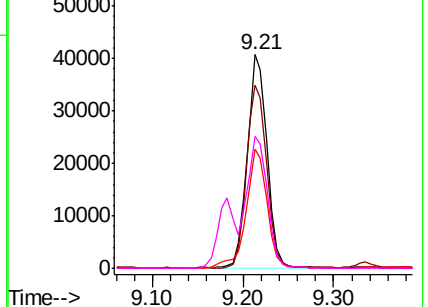


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 57.462 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

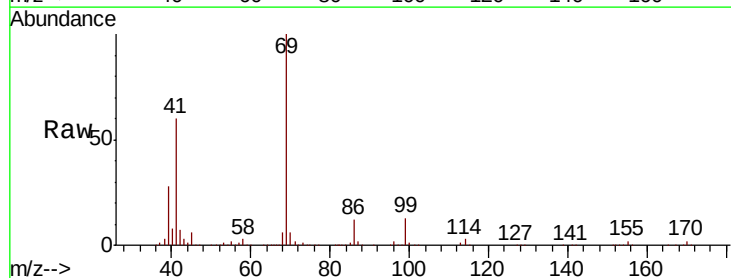
Tgt Ion: 69 Resp: 113418

Ion Ratio Lower Upper

69 100

41 68.1 57.0 85.6

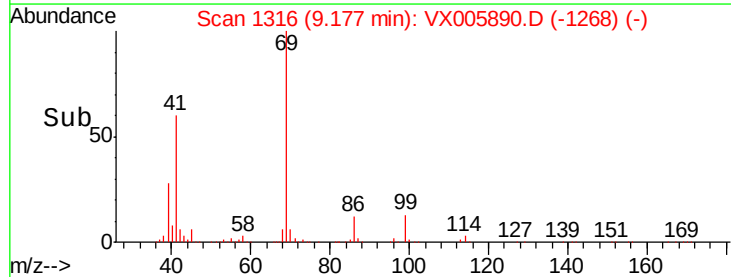
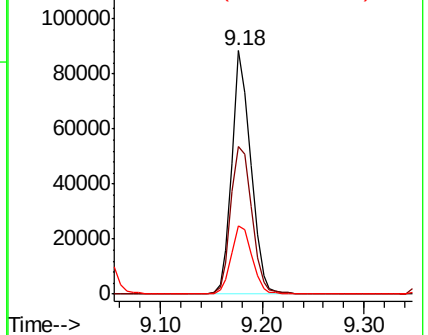
39 30.8 28.3 42.5

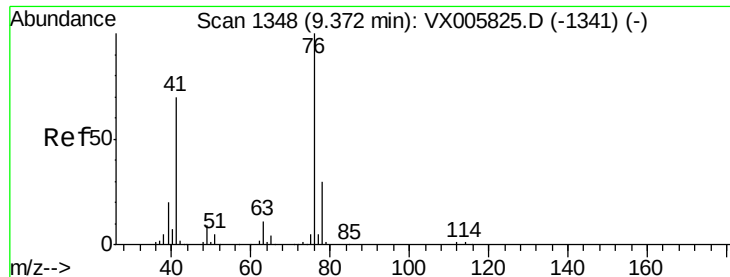


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.377 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

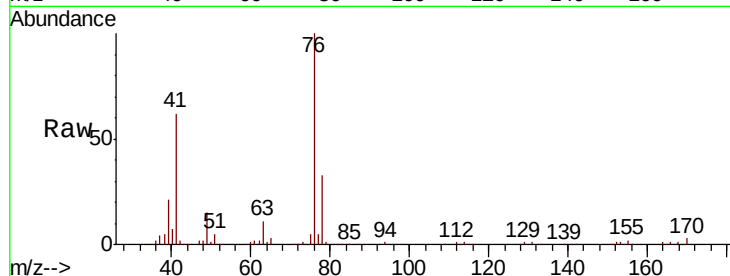
VSTDCCC050EC

Tot Ion: 76 Resp: 102812

Ion Ratio Lower Upper

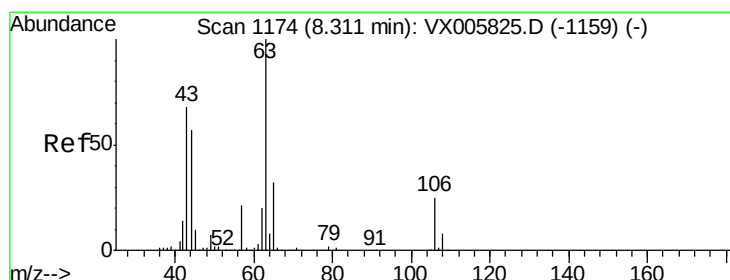
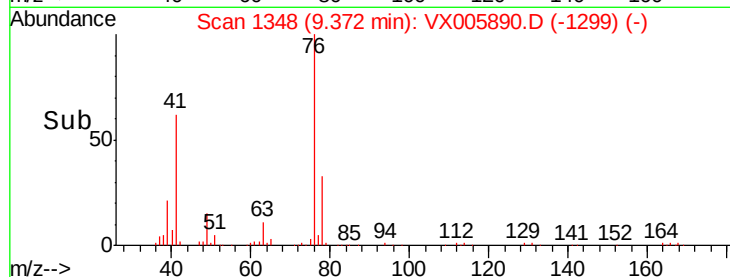
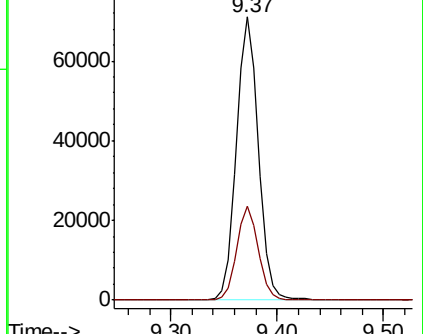
76 100

78 32.7 25.3 37.9



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: 259.358 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX005890.D

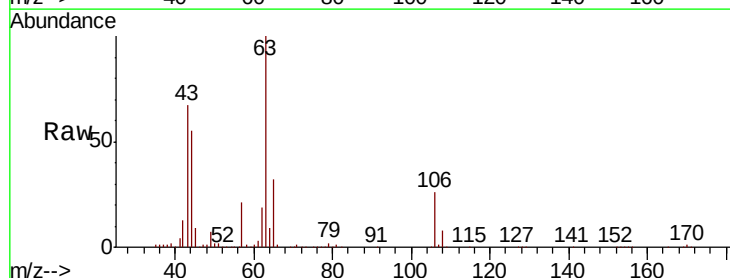
Acq: 10 Nov 2018 04:51

Tgt Ion: 63 Resp: 279294

Ion Ratio Lower Upper

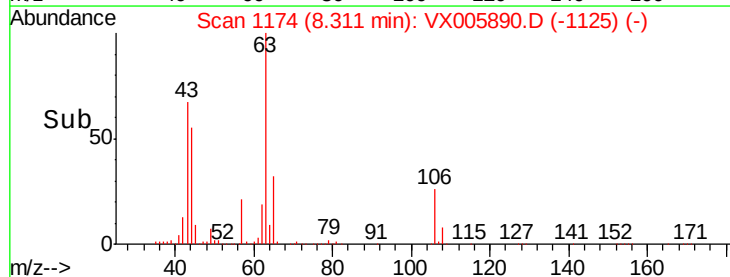
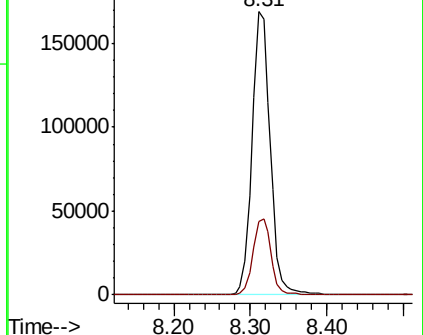
63 100

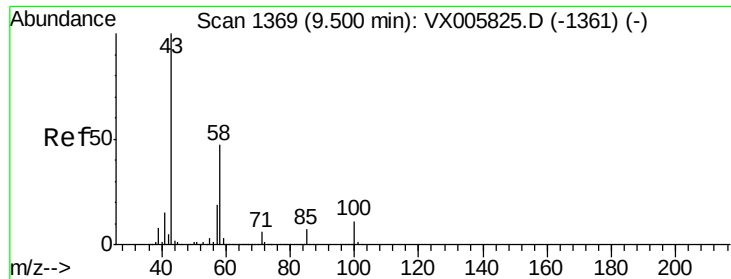
106 27.0 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

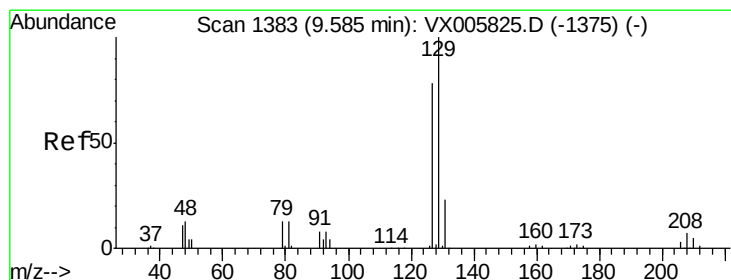
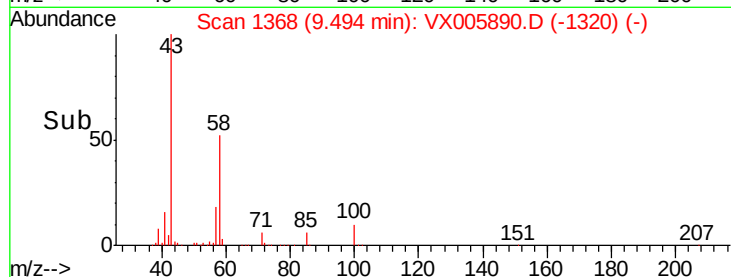
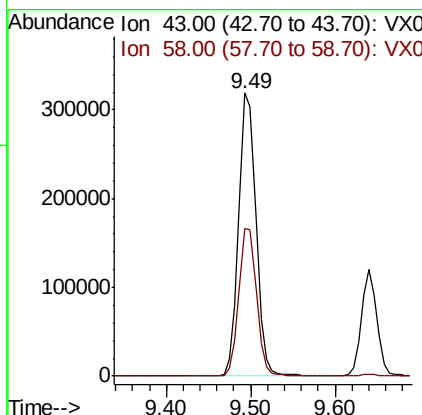
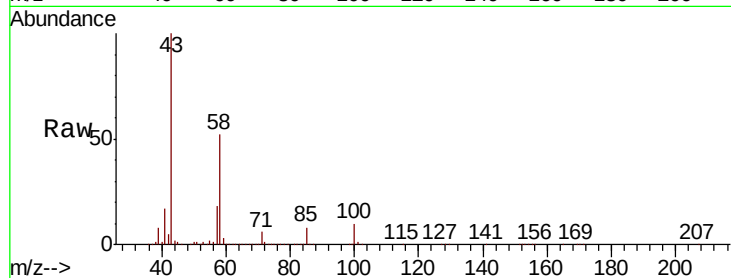




#59
2-Hexanone
Concen: 229.883 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

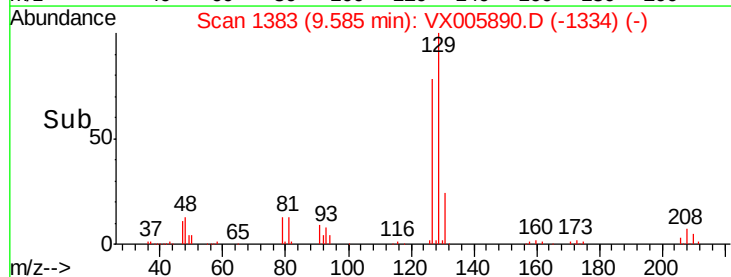
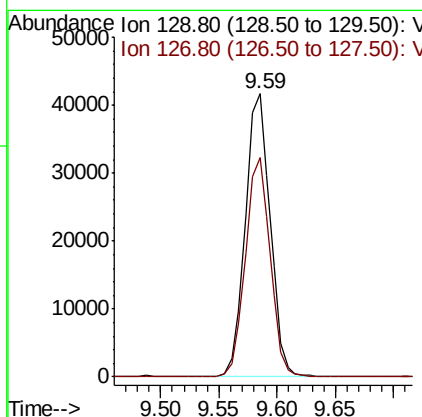
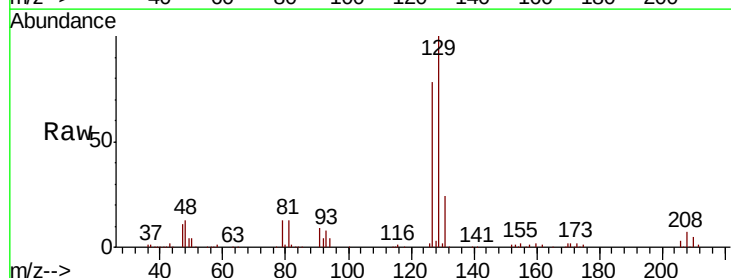
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

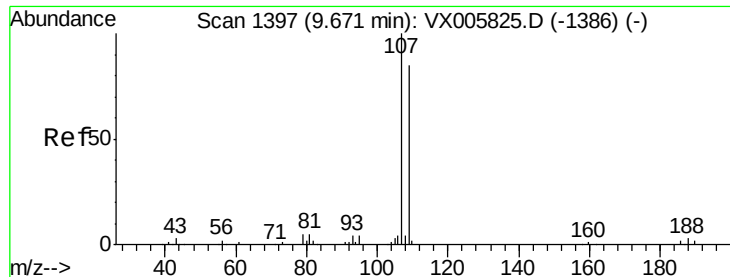
Tot Ion: 43 Resp: 442081
Ion Ratio Lower Upper
43 100
58 53.3 25.9 77.8



#60
Dibromochloromethane
Concen: 43.605 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion:129 Resp: 62167
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 45.513 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

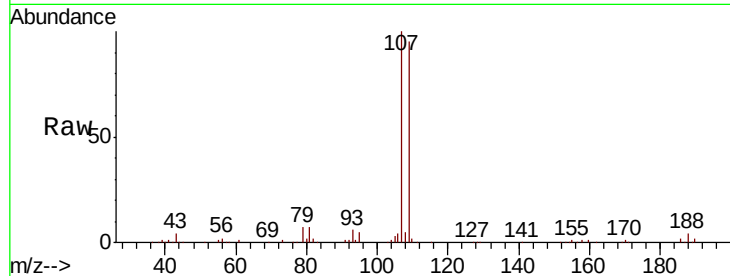
VSTDCCC050EC

Tot Ion:107 Resp: 66390

Ion Ratio Lower Upper

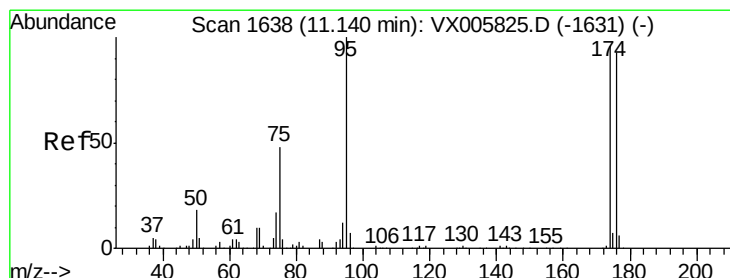
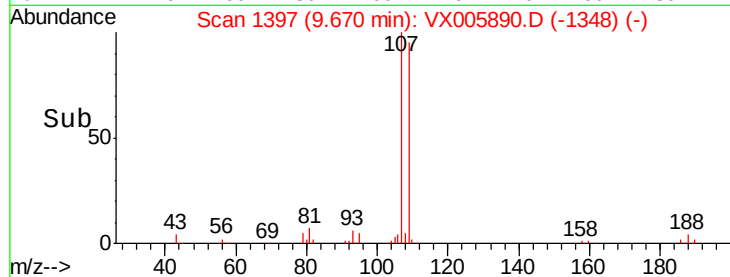
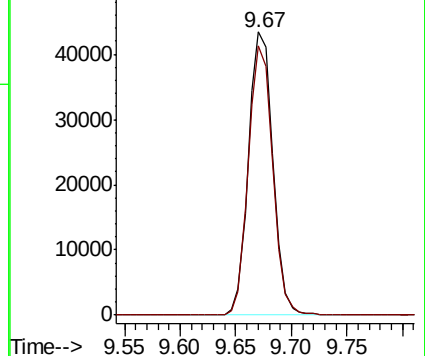
107 100

109 95.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.659 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

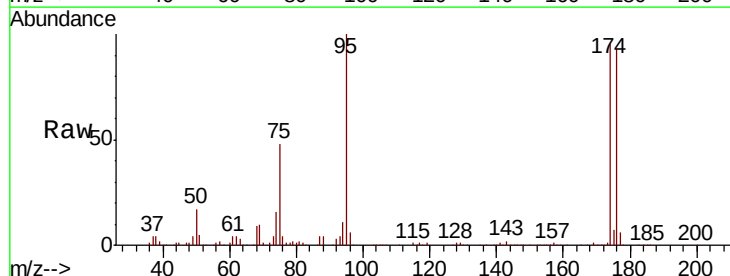
Tgt Ion: 95 Resp: 79145

Ion Ratio Lower Upper

95 100

174 90.1 0.0 184.4

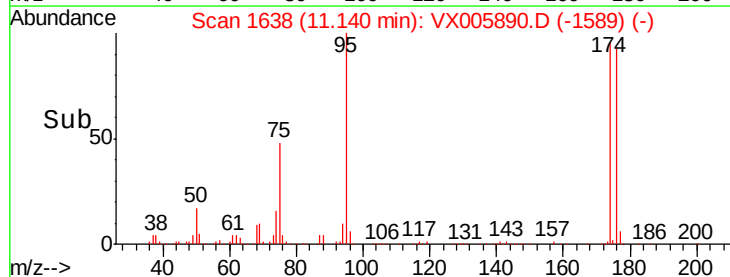
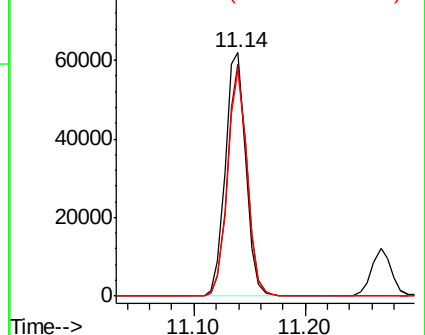
176 88.4 0.0 177.4

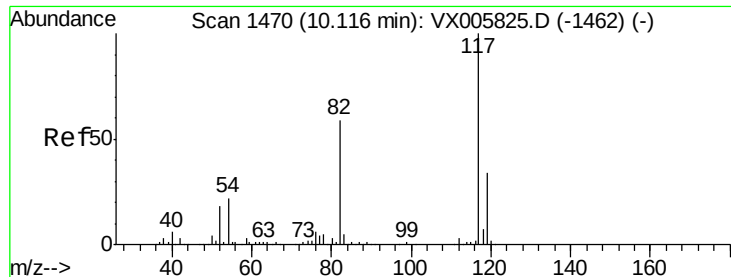


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

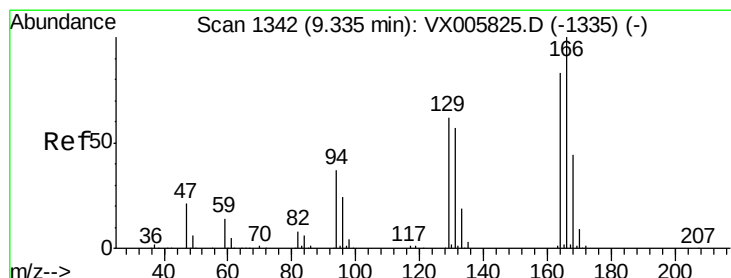
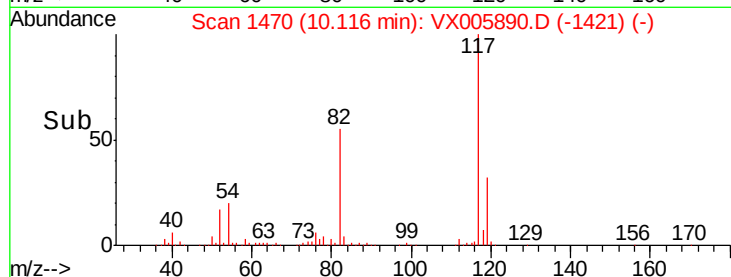
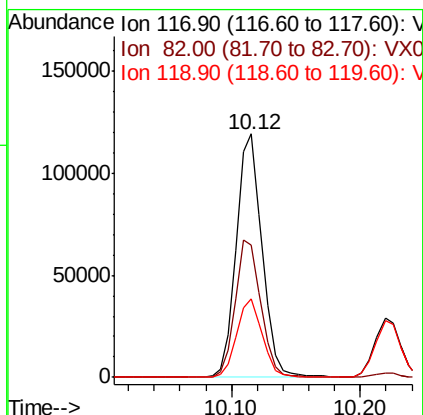
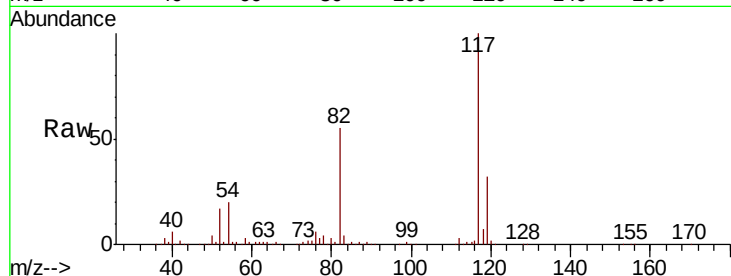




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

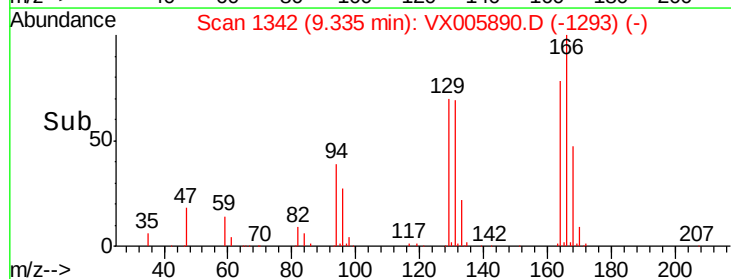
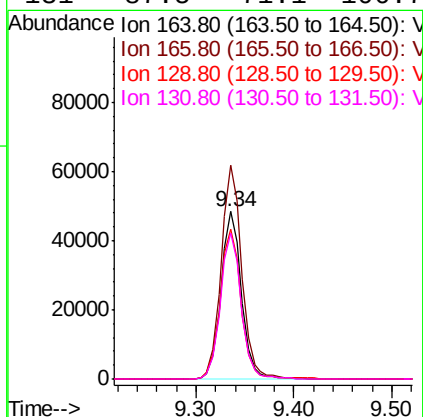
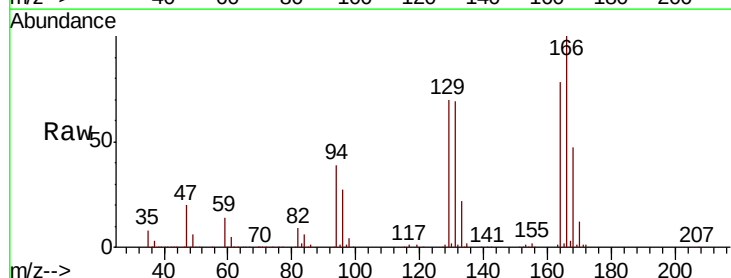
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

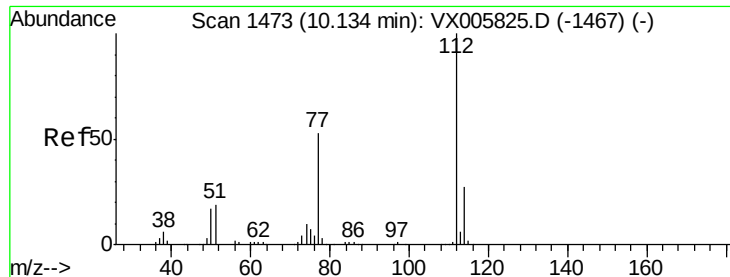
Tot Ion:117 Resp: 165833
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 49.739 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion:164 Resp: 70226
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 88.9 72.6 109.0
131 87.5 71.1 106.7





#65

Chlorobenzene

Concen: 49.602 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

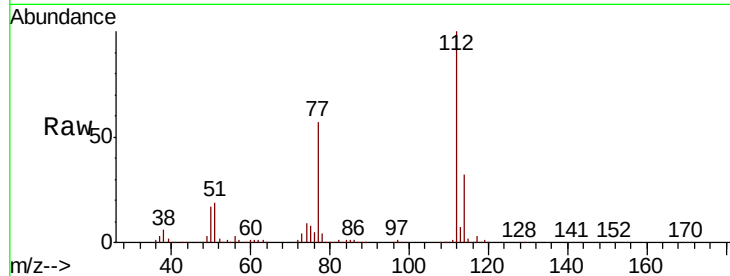
VSTDCCC050EC

Tot Ion:112 Resp: 164786

Ion Ratio Lower Upper

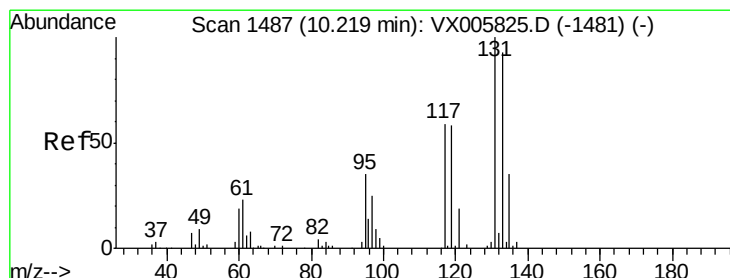
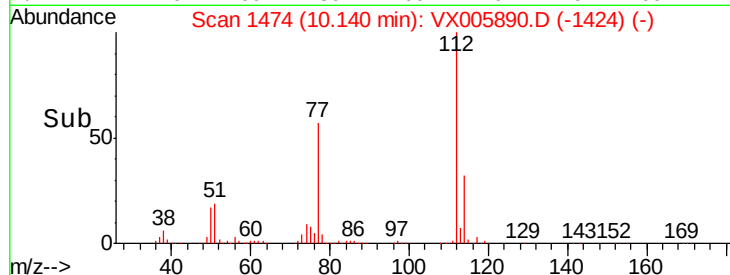
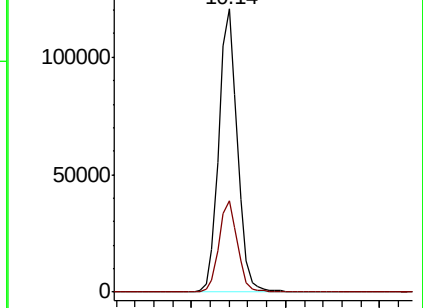
112 100

114 32.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.280 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

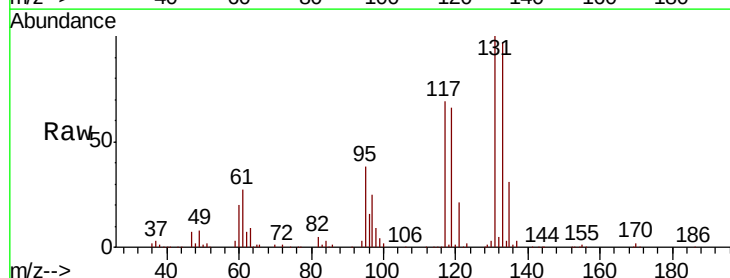
Tgt Ion:131 Resp: 59227

Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.5

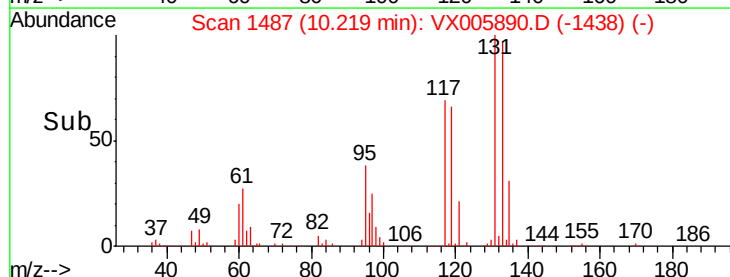
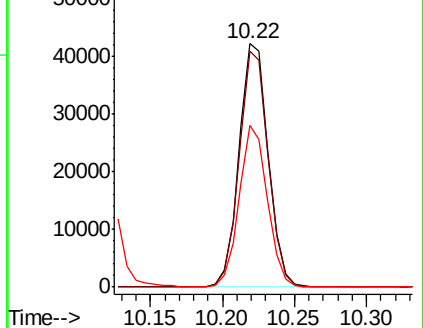
119 64.4 31.8 95.3

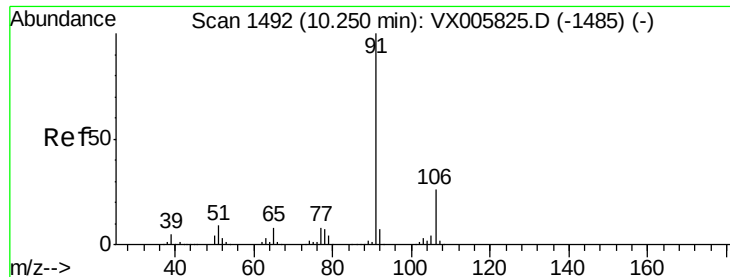


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.362 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

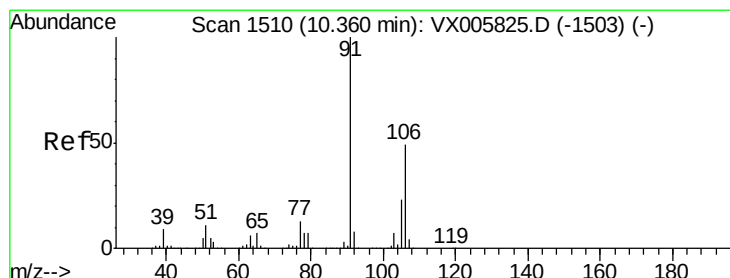
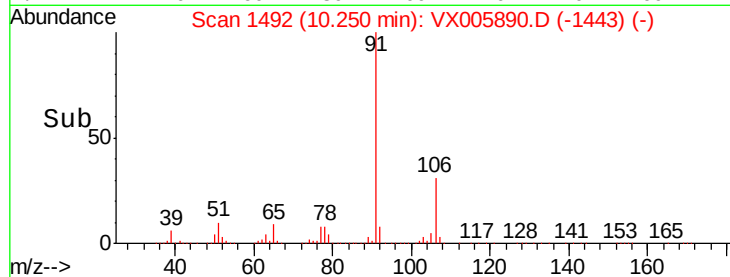
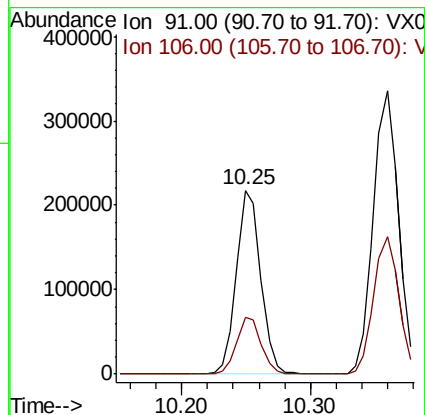
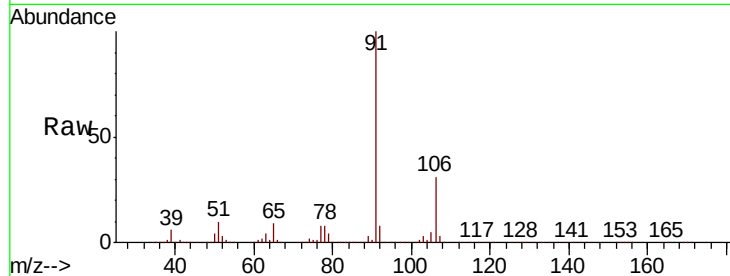
VSTDCCC050EC

Tot Ion: 91 Resp: 289598

Ion Ratio Lower Upper

91 100

106 31.0 24.4 36.6



#68

m/p-Xylenes

Concen: 108.652 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005890.D

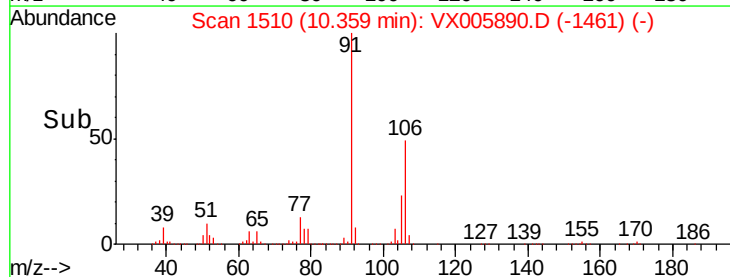
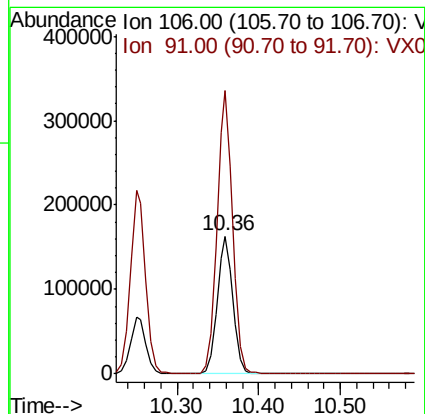
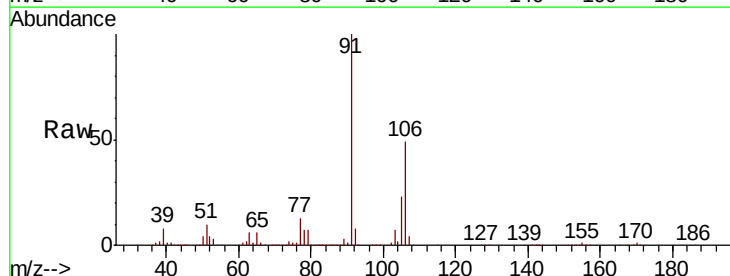
Acq: 10 Nov 2018 04:51

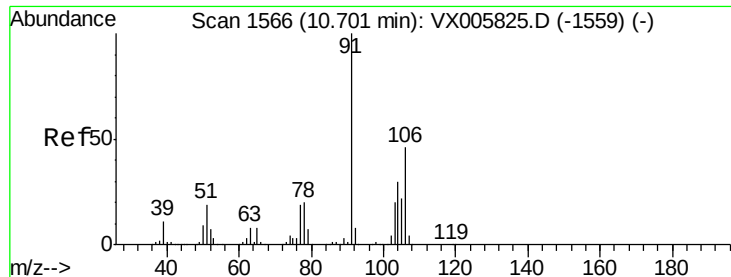
Tgt Ion: 106 Resp: 220780

Ion Ratio Lower Upper

106 100

91 204.5 164.2 246.4

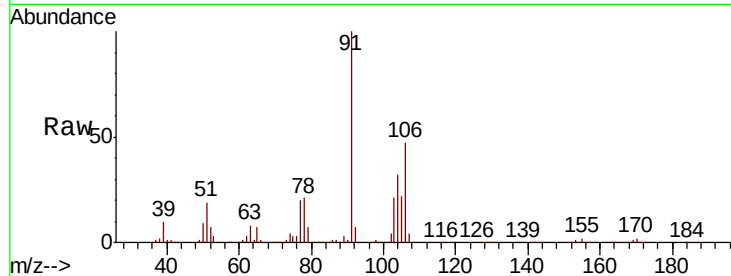




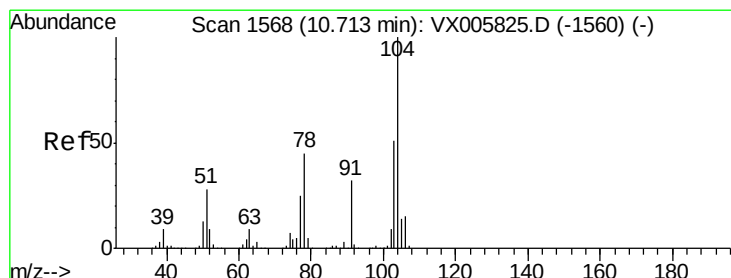
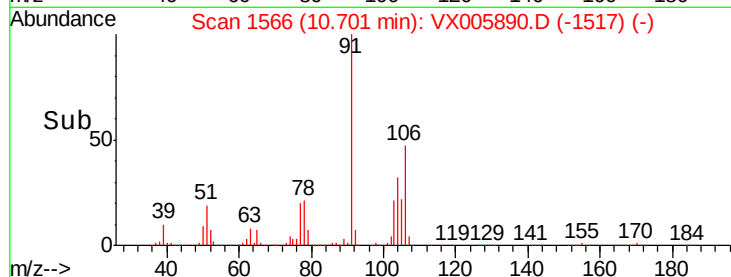
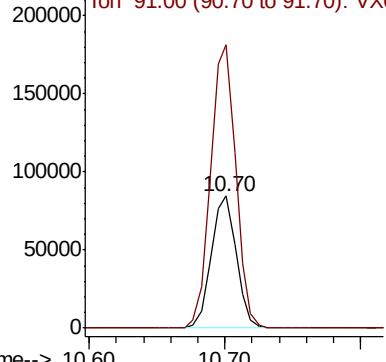
#69
o-Xylene
Concen: 59.345 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 108132
Ion Ratio Lower Upper
106 100
91 216.1 108.5 325.5

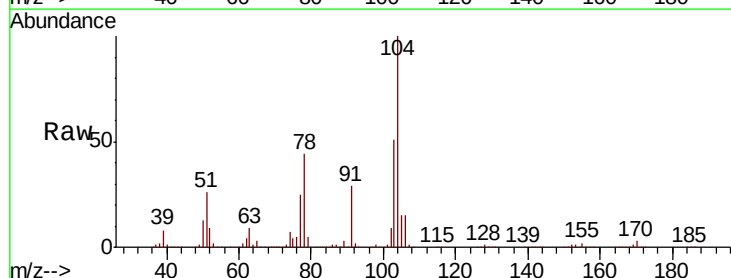


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

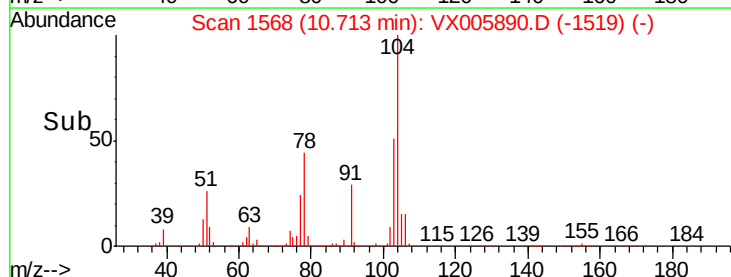
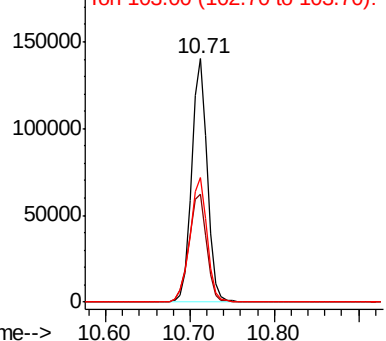


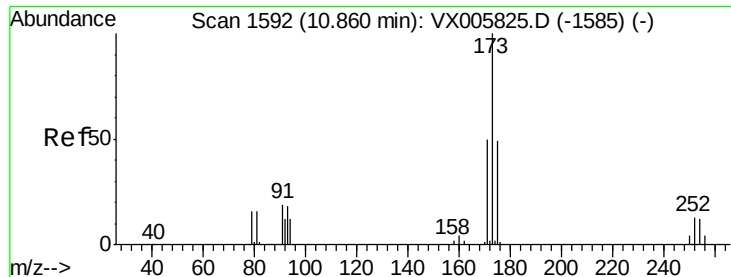
#70
Styrene
Concen: 60.126 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion:104 Resp: 180725
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 56.0 44.9 67.3



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





#71

Bromoform

Concen: 53.317 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

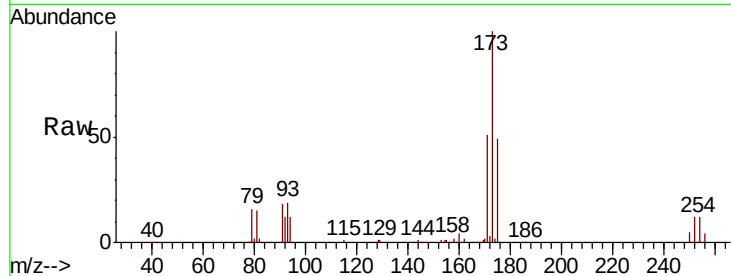
Tot Ion:173 Resp: 51622

Ion Ratio Lower Upper

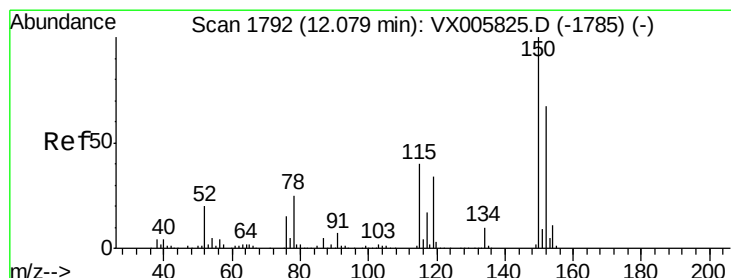
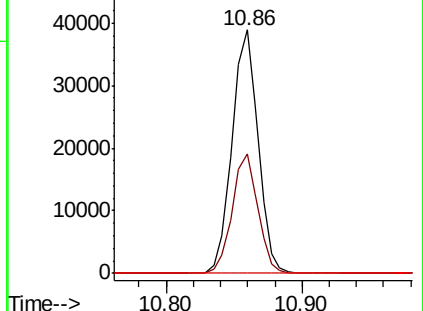
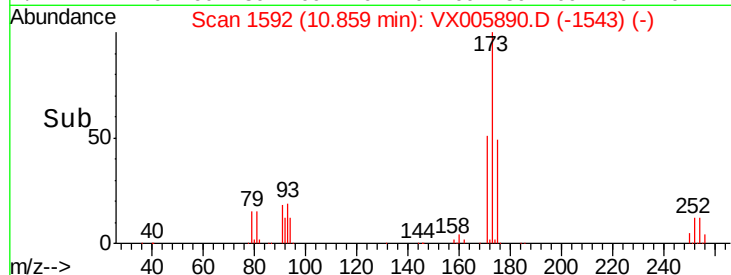
173 100

175 48.3 24.8 74.3

254 0.1 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: VX005890.D

Acq: 10 Nov 2018 04:51

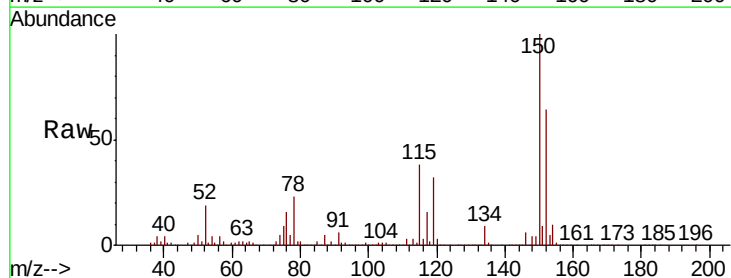
Tgt Ion:152 Resp: 91406

Ion Ratio Lower Upper

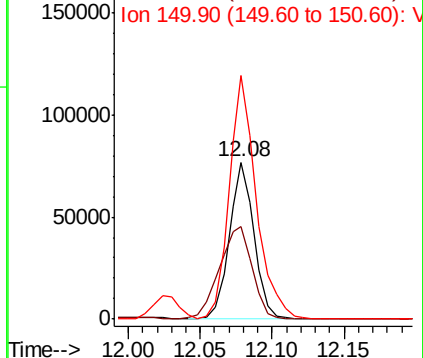
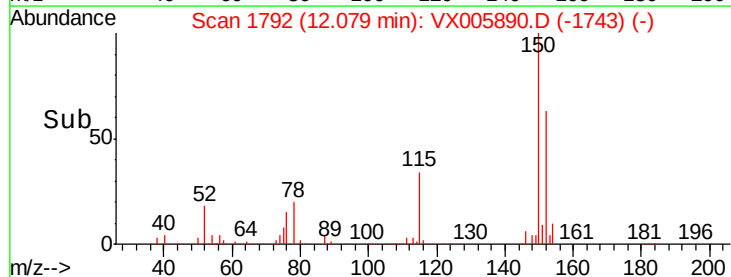
152 100

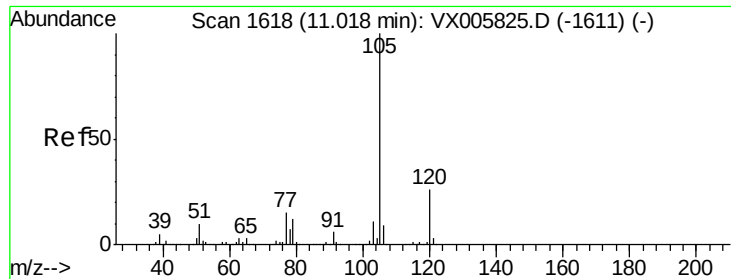
115 77.6 39.4 118.1

150 171.4 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.665 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

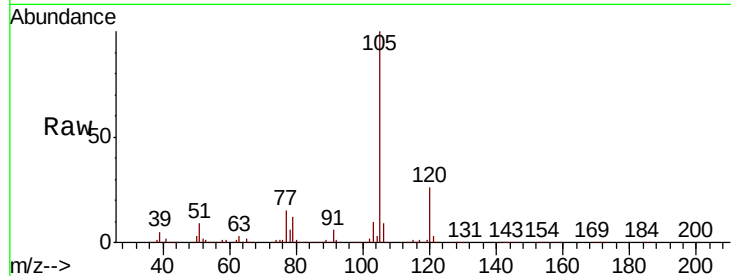
VSTDCCC050EC

Tot Ion:105 Resp: 294241

Ion Ratio Lower Upper

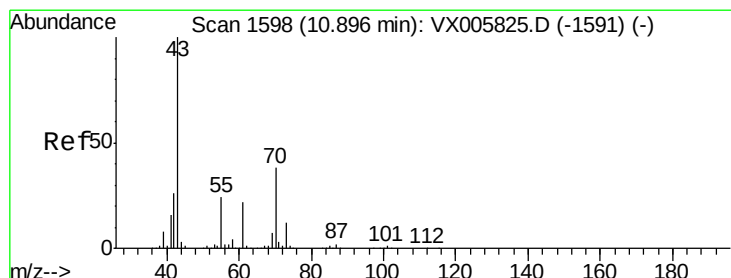
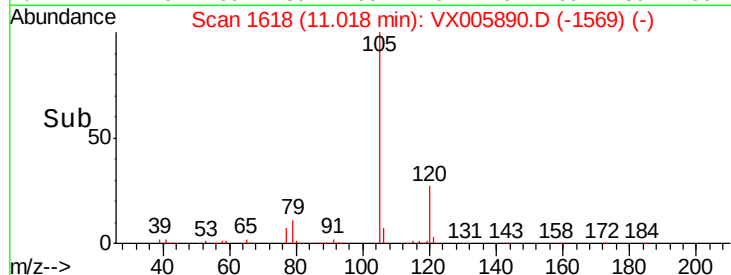
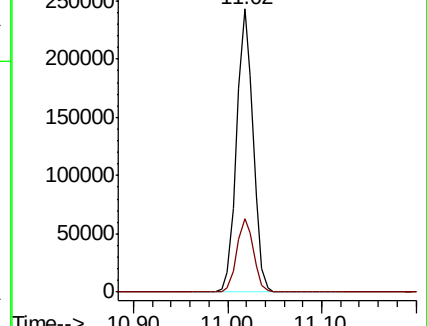
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.398 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Tgt Ion: 43 Resp: 149505

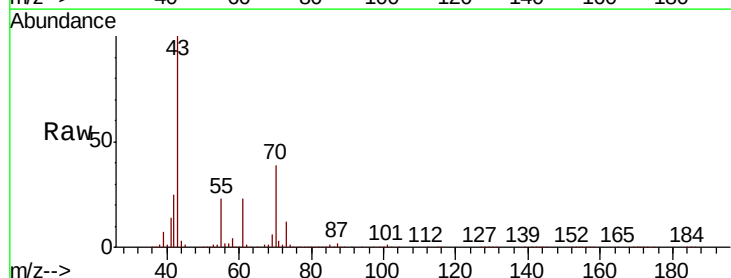
Ion Ratio Lower Upper

43 100

70 39.8 31.6 47.4

55 23.2 19.7 29.5

61 23.3 18.3 27.5

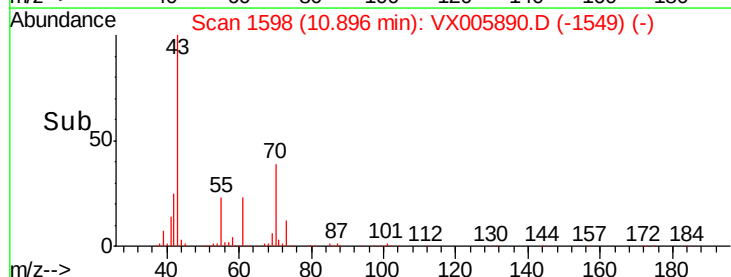
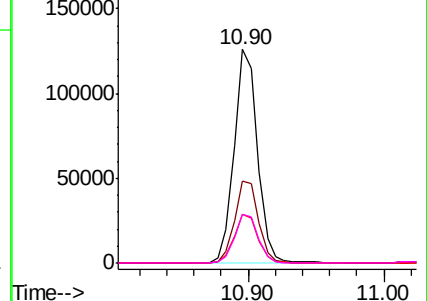


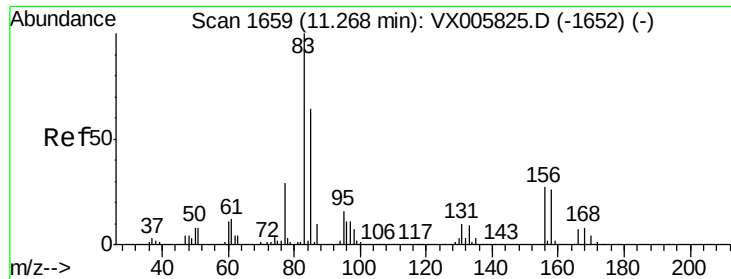
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.166 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

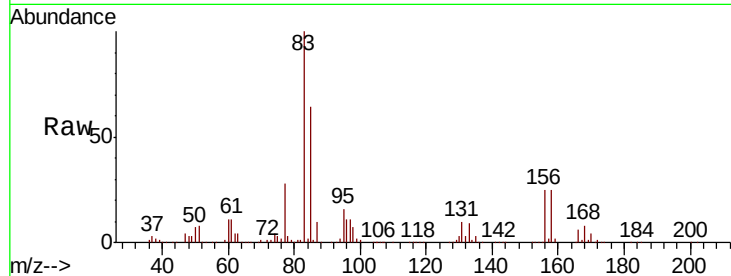
Tot Ion: 83 Resp: 97331

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

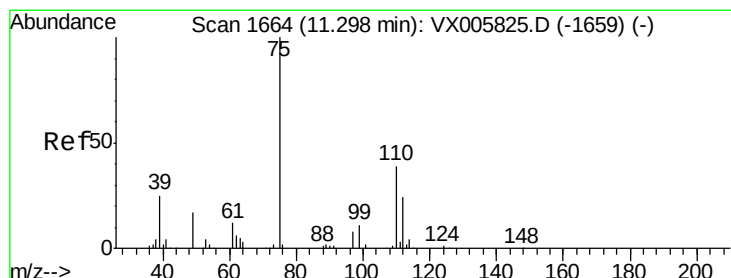
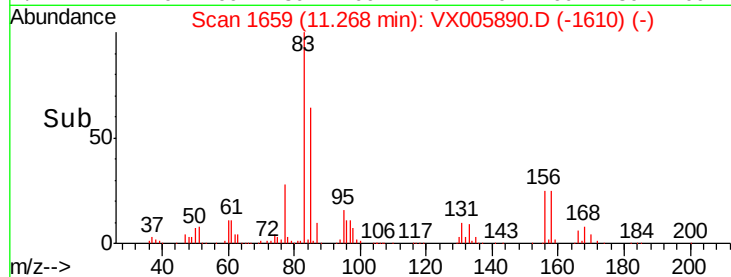
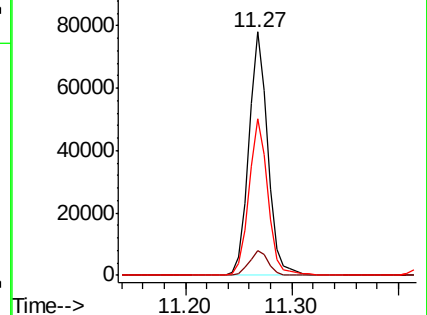
85 64.2 32.0 96.2



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: 62.869 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005890.D

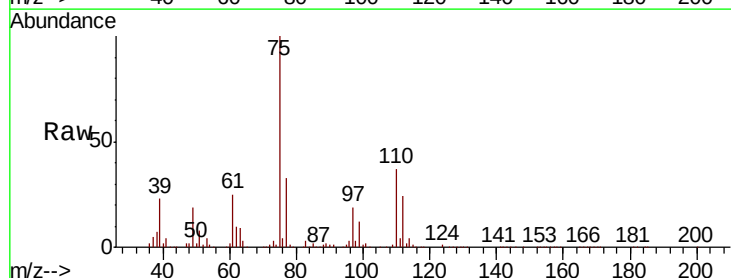
Acq: 10 Nov 2018 04:51

Tgt Ion: 75 Resp: 117014

Ion Ratio Lower Upper

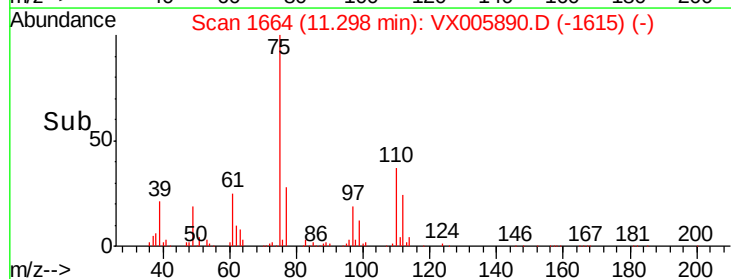
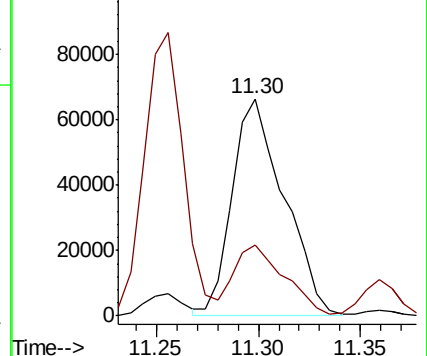
75 100

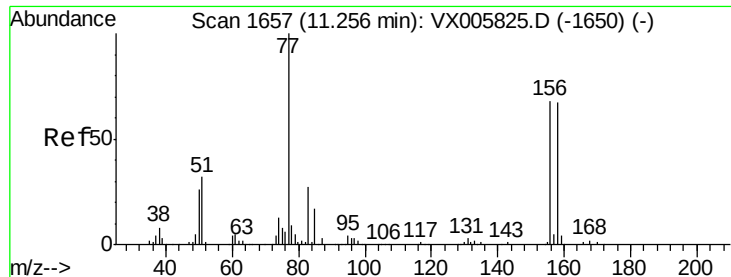
77 31.4 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.537 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

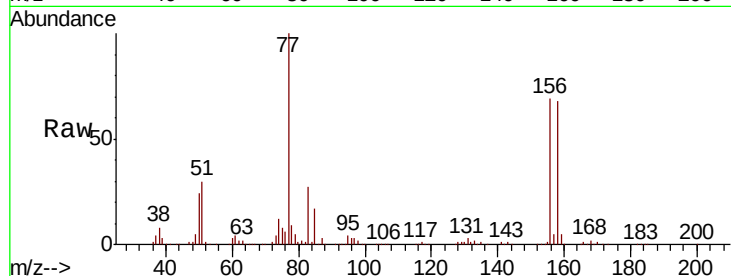
Tot Ion:156 Resp: 76784

Ion Ratio Lower Upper

156 100

77 150.2 74.8 224.4

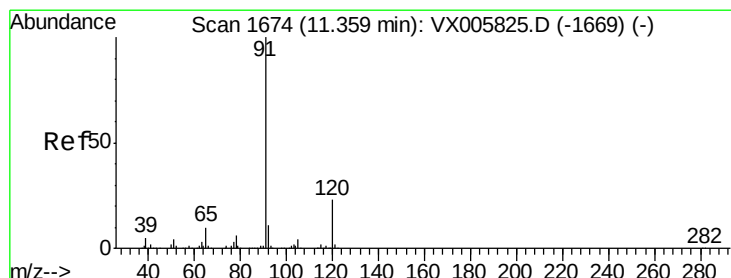
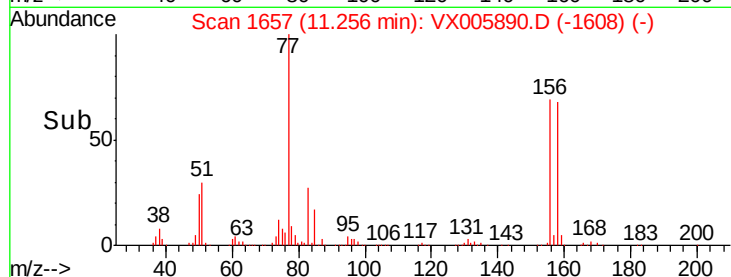
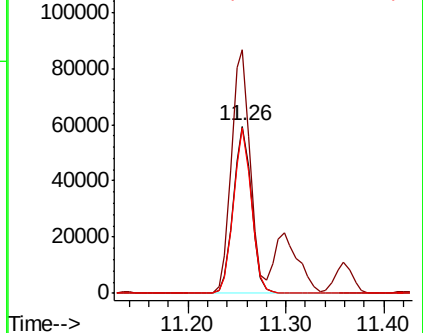
158 97.4 49.1 147.3



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: 54.092 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005890.D

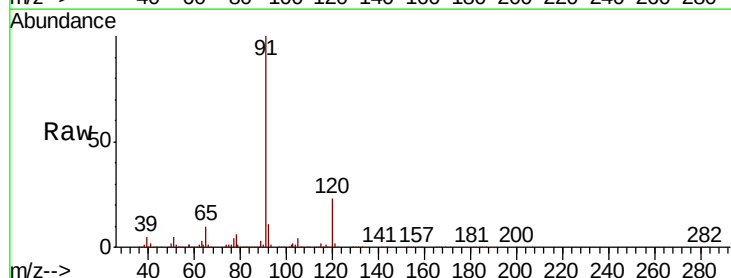
Acq: 10 Nov 2018 04:51

Tgt Ion: 91 Resp: 336974

Ion Ratio Lower Upper

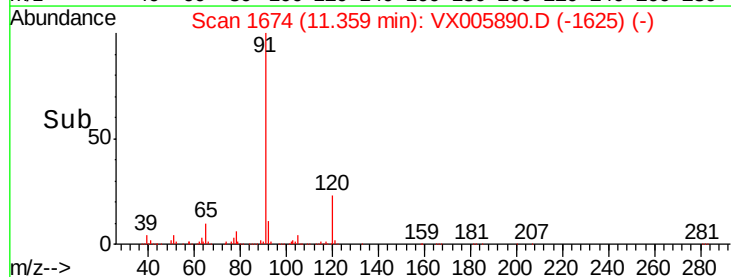
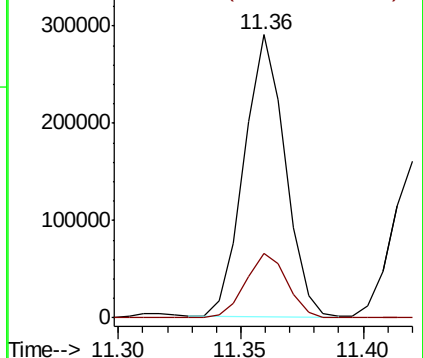
91 100

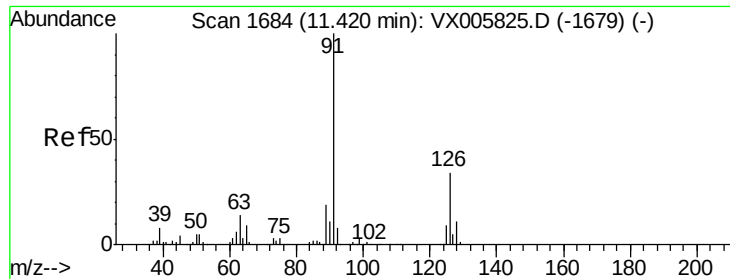
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.576 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

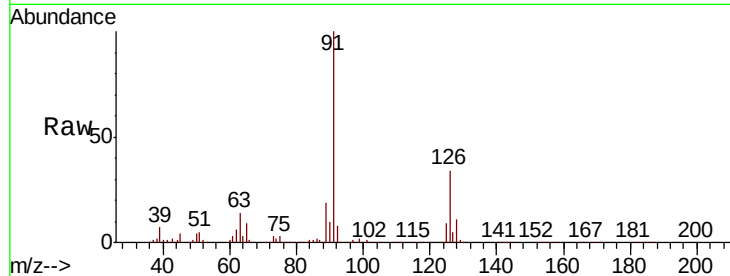
VSTDCCC050EC

Tot Ion: 91 Resp: 197971

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)

300000

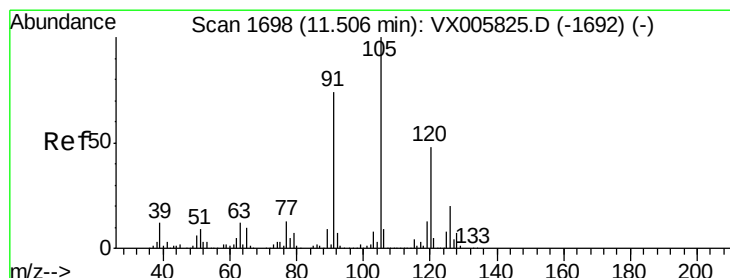
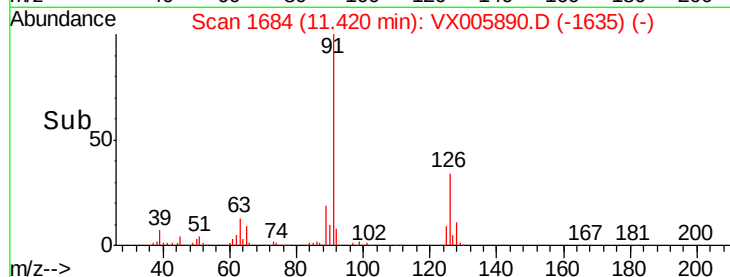
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.149 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005890.D

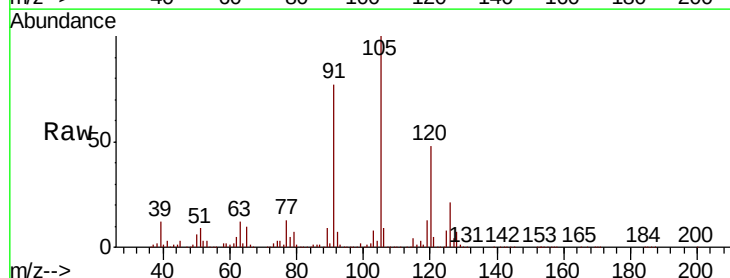
Acq: 10 Nov 2018 04:51

Tgt Ion: 105 Resp: 247727

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)

250000

200000

150000

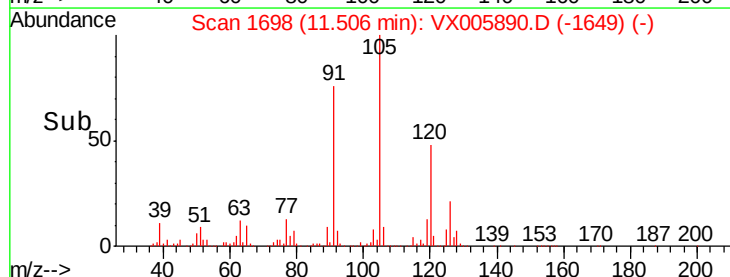
100000

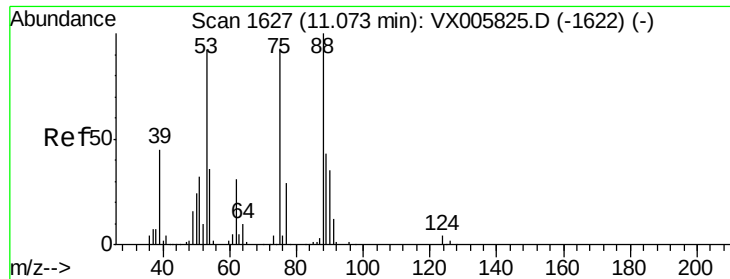
50000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.829 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

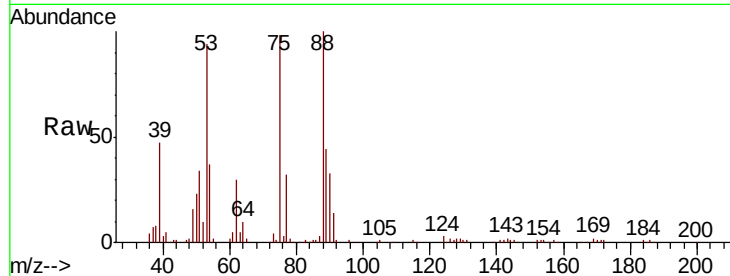
Tot Ion: 75 Resp: 27347

Ion Ratio Lower Upper

75 100

53 96.9 80.2 120.2

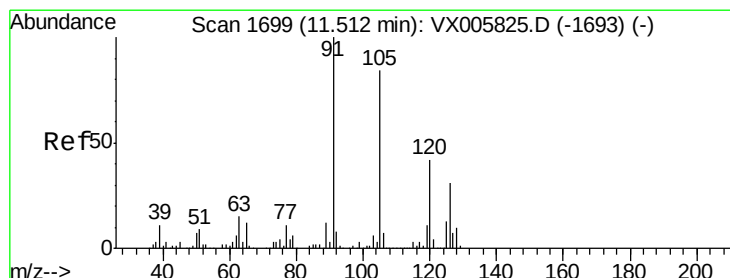
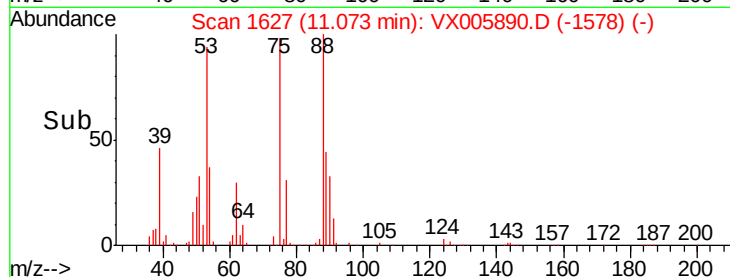
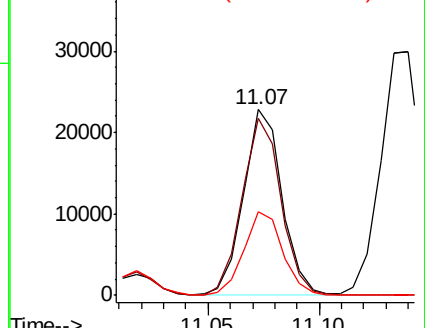
89 46.0 39.8 59.8



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: 53.279 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005890.D

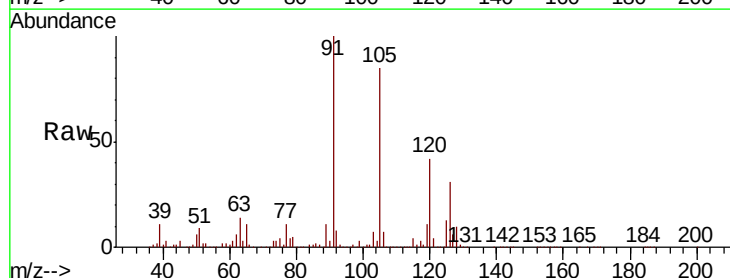
Acq: 10 Nov 2018 04:51

Tgt Ion: 91 Resp: 236434

Ion Ratio Lower Upper

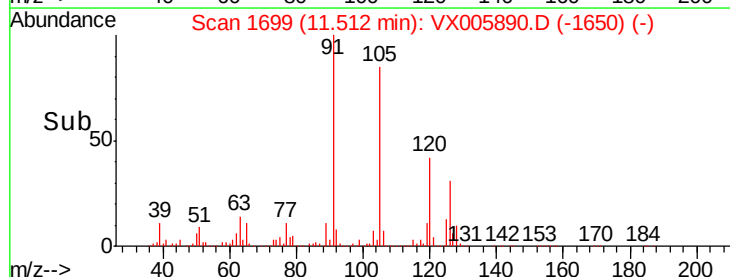
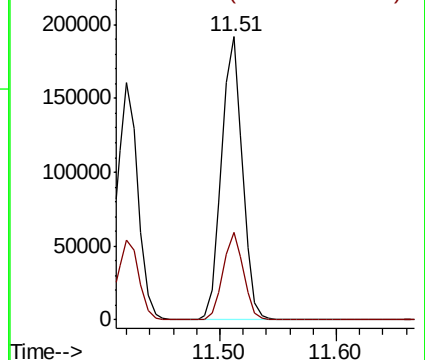
91 100

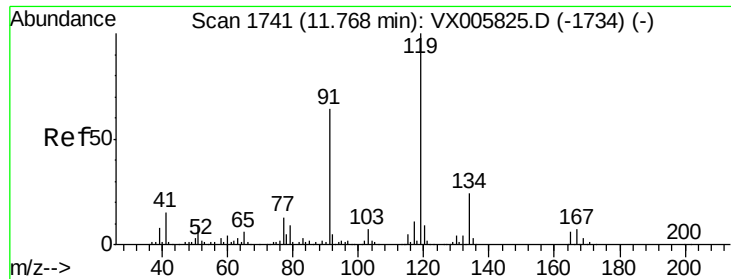
126 30.1 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

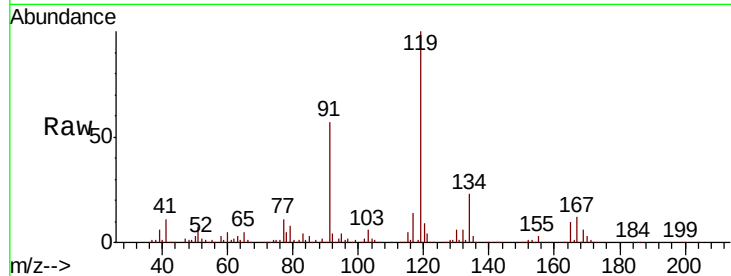




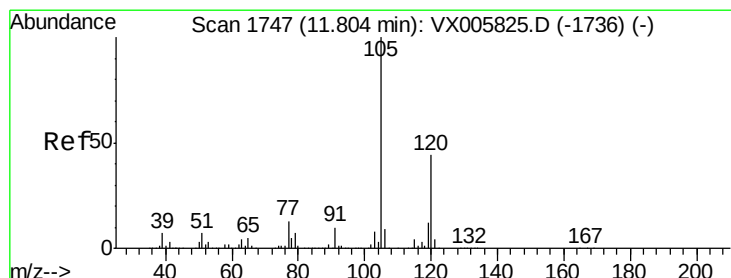
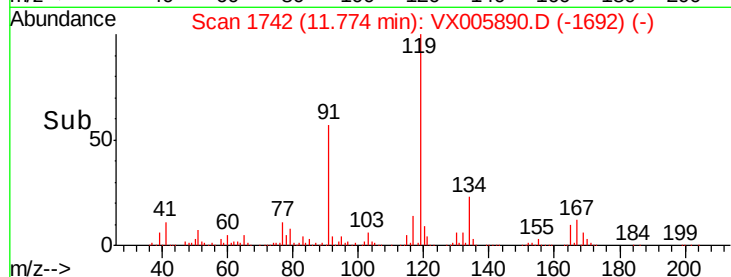
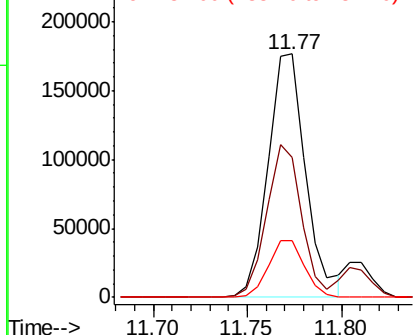
#83
tert-Butylbenzene
Concen: 53.881 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 244853
Ion Ratio Lower Upper
119 100
91 57.9 28.5 85.5
134 22.5 11.3 33.8

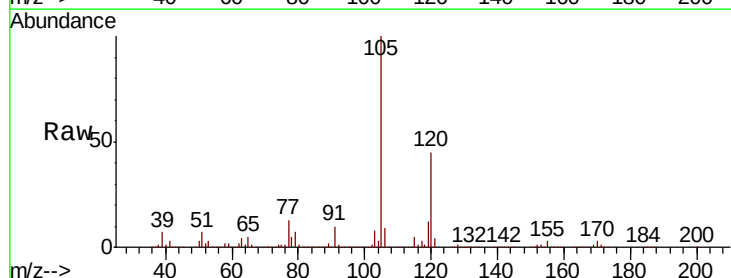


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

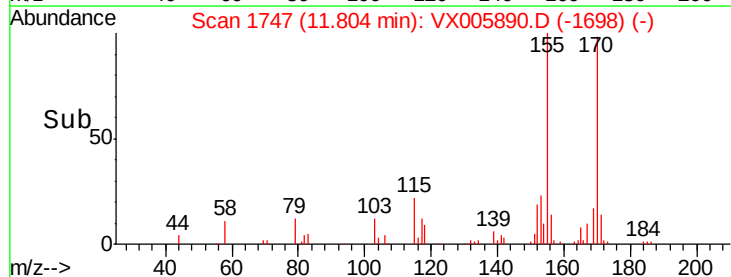
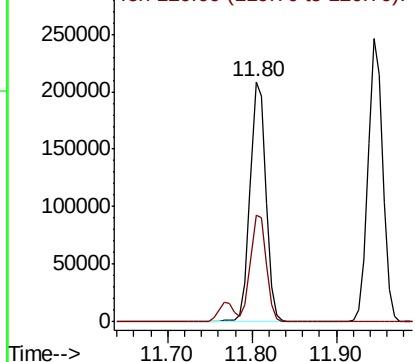


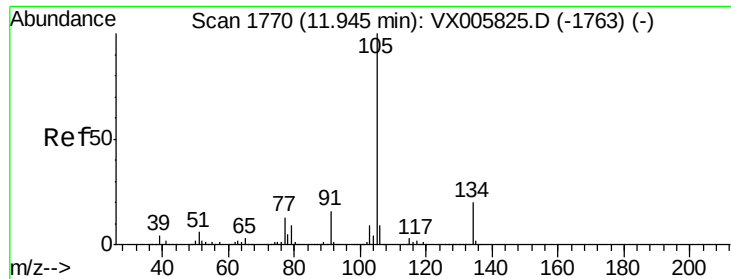
#84
1,2,4-Trimethylbenzene
Concen: 52.264 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion:105 Resp: 259057
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0



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





#85

sec-Butylbenzene

Concen: 53.978 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

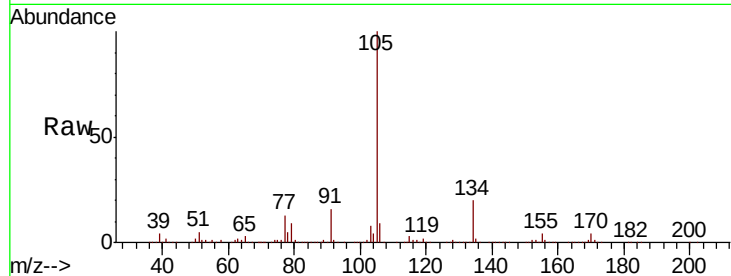
VSTDCCC050EC

Tot Ion:105 Resp: 299958

Ion Ratio Lower Upper

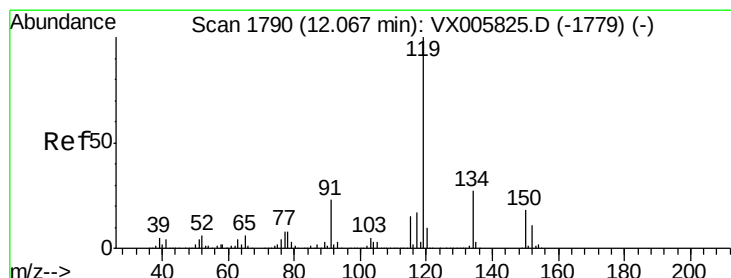
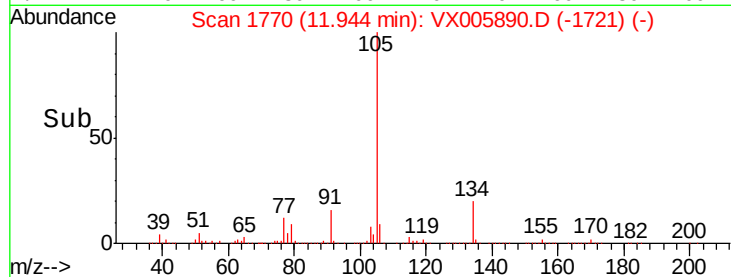
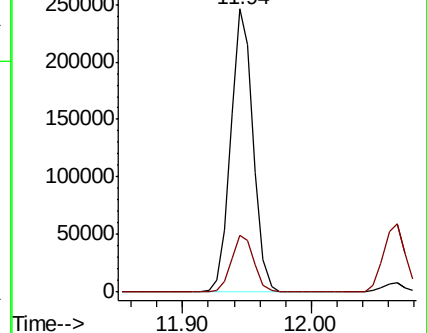
105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.655 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

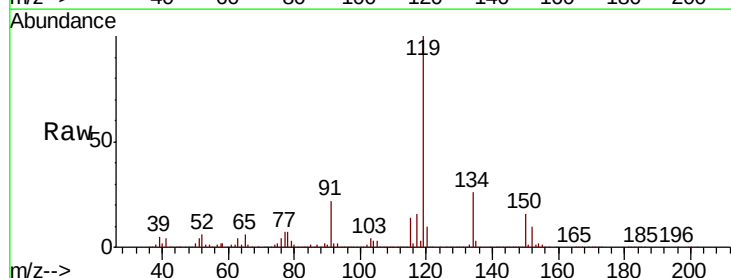
Tgt Ion:119 Resp: 269033

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

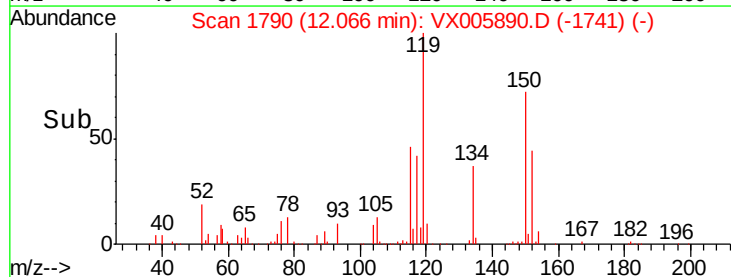
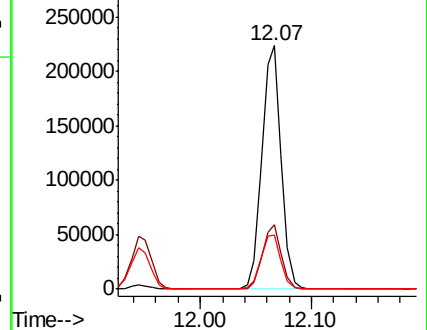
91 22.9 11.4 34.2

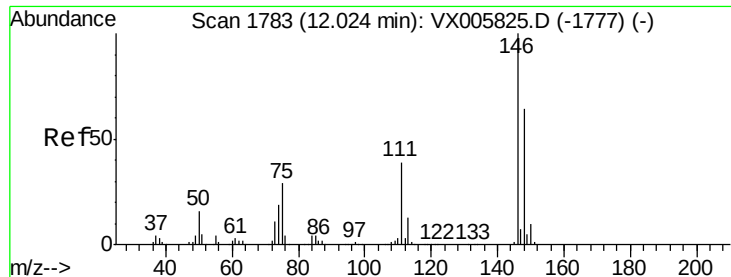


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

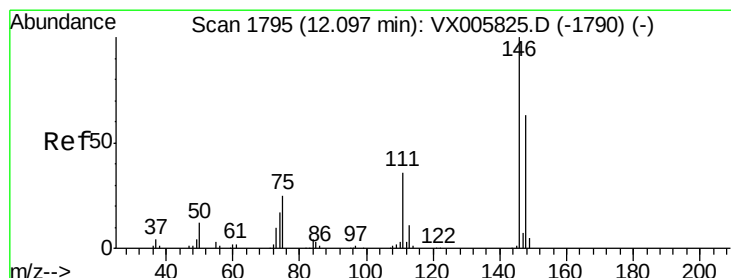
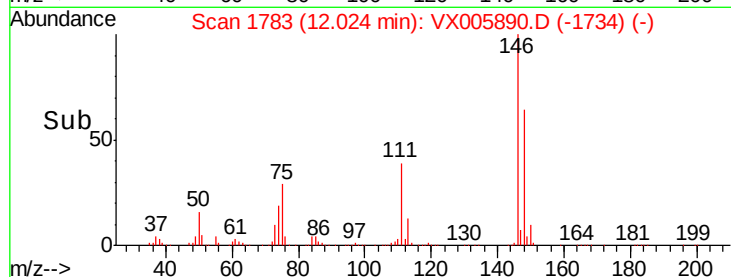
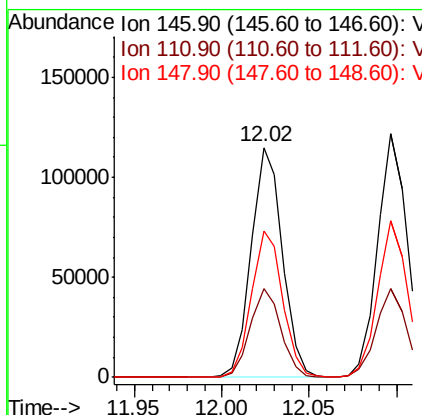
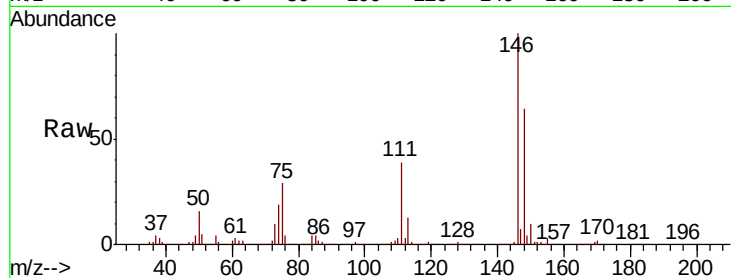




#87
 1,3-Dichlorobenzene
 Concen: 49.767 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

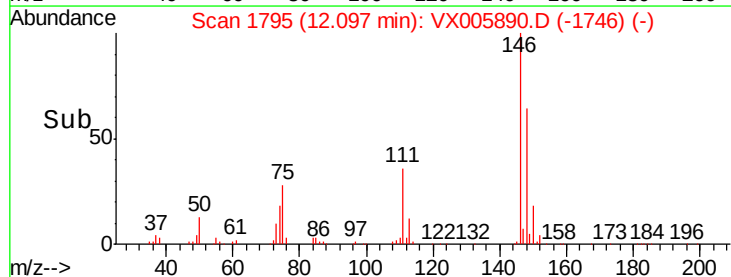
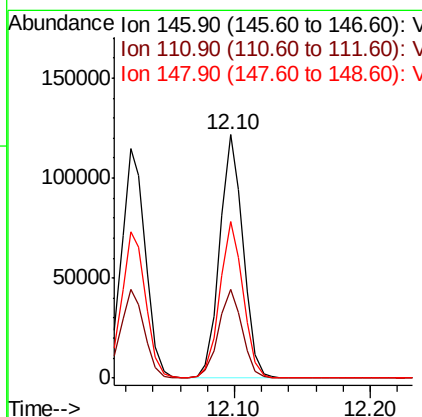
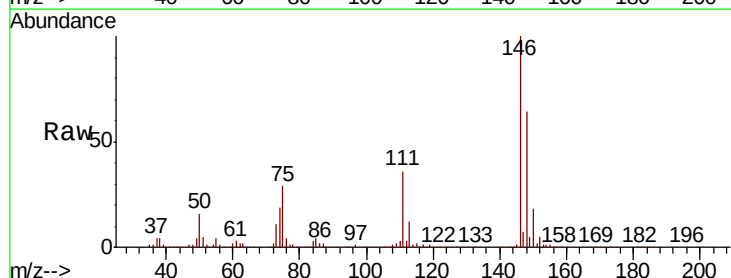
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

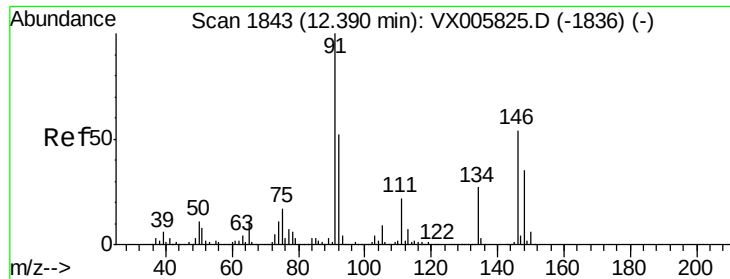
Tot Ion:146 Resp: 142298
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.328 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Tgt Ion:146 Resp: 144388
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.1 32.1 96.3

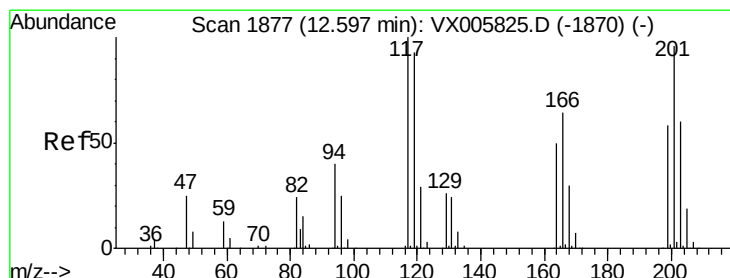
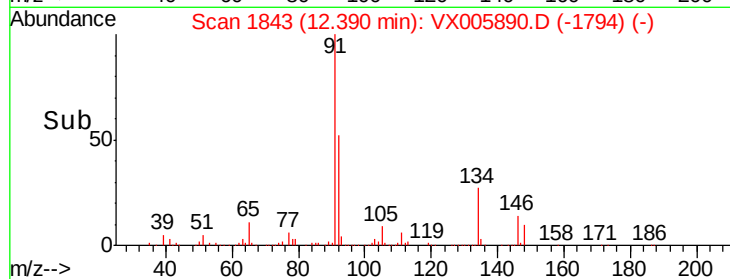
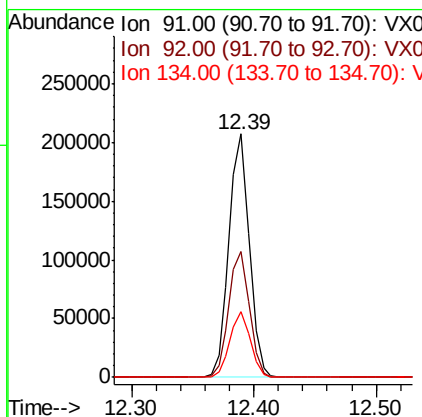
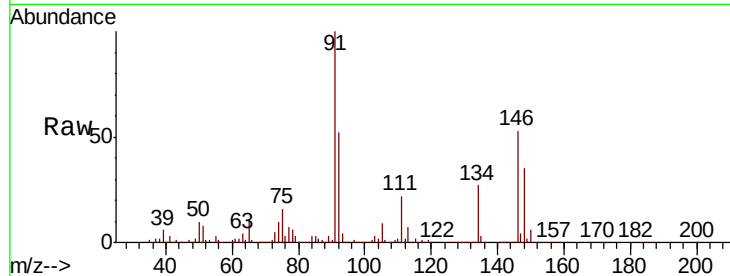




#89
n-Butylbenzene
Concen: 52.150 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

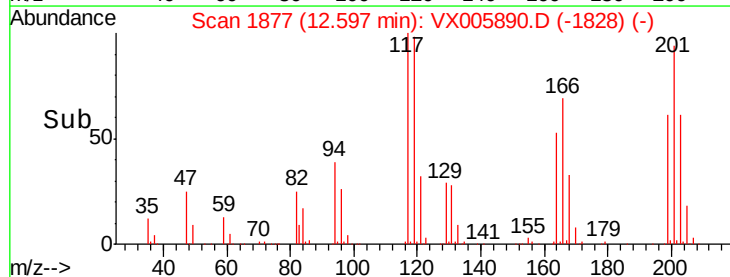
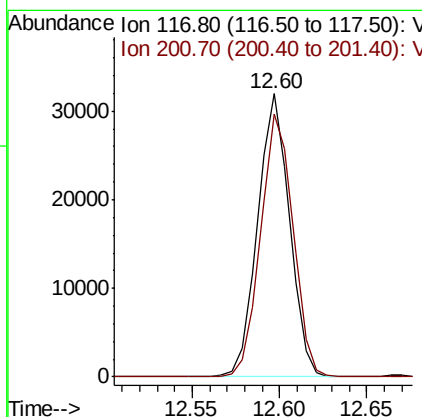
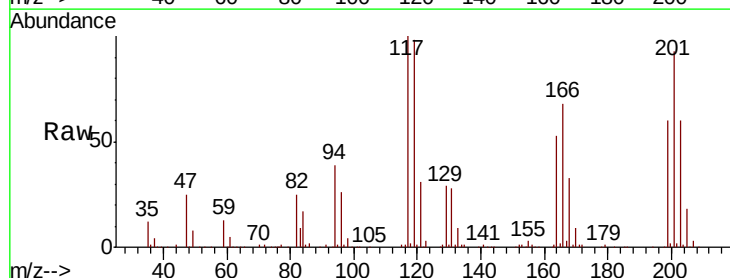
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

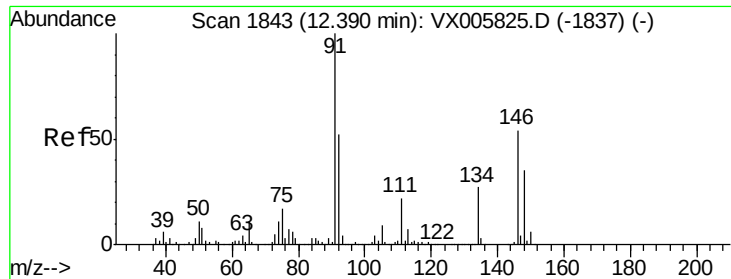
Tot Ion: 91 Resp: 237911
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.2
134 26.8 13.1 39.3



#90
Hexachloroethane
Concen: 49.279 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005890.D
Acq: 10 Nov 2018 04:51

Tgt Ion: 117 Resp: 40498
Ion Ratio Lower Upper
117 100
201 94.5 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 49.792 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

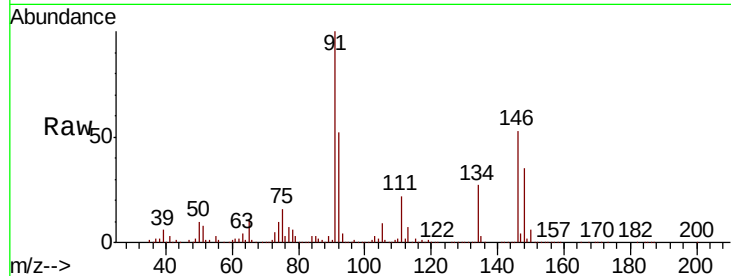
Tot Ion:146 Resp: 142622

Ion Ratio Lower Upper

146 100

111 39.7 20.0 59.9

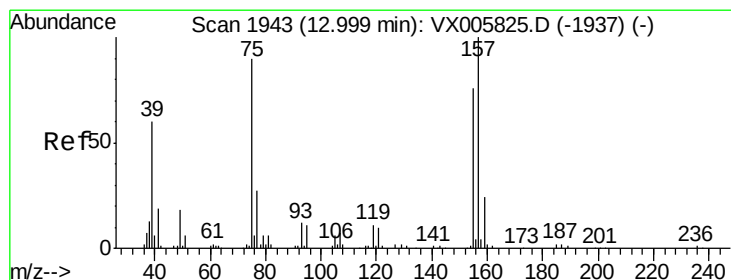
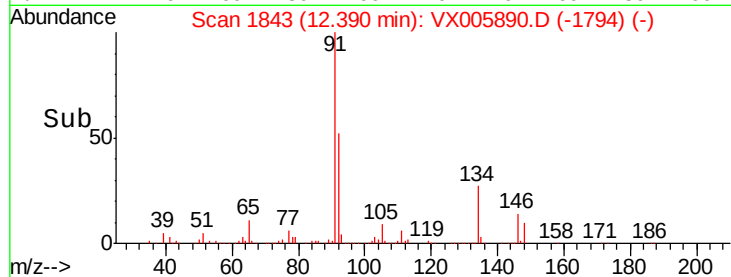
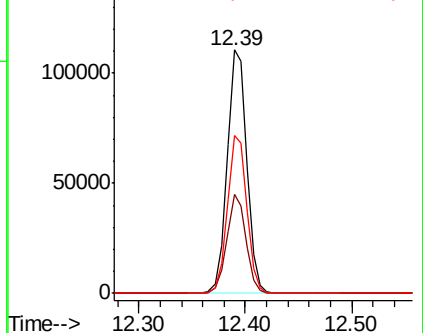
148 64.2 32.2 96.6



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: 53.028 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

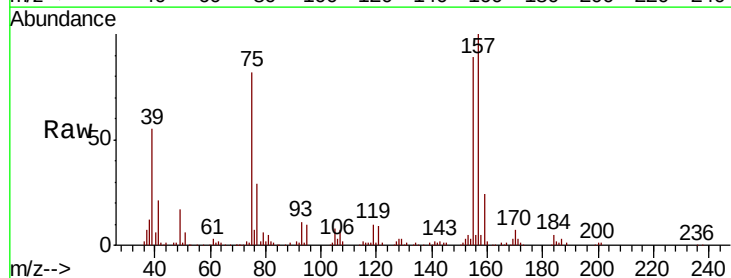
Tgt Ion: 75 Resp: 25106

Ion Ratio Lower Upper

75 100

155 125.7 45.4 136.1

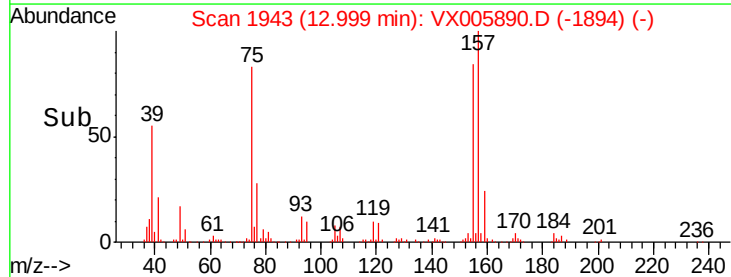
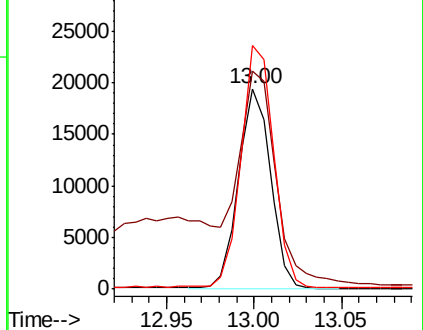
157 120.7 57.4 172.0

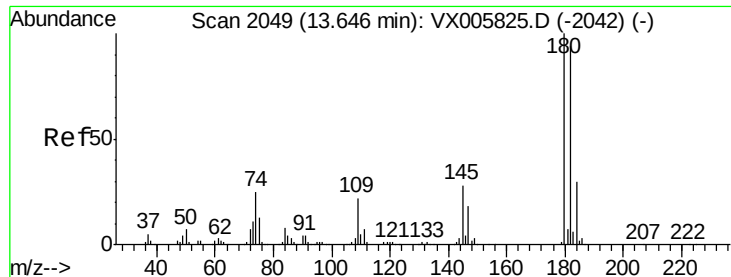


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

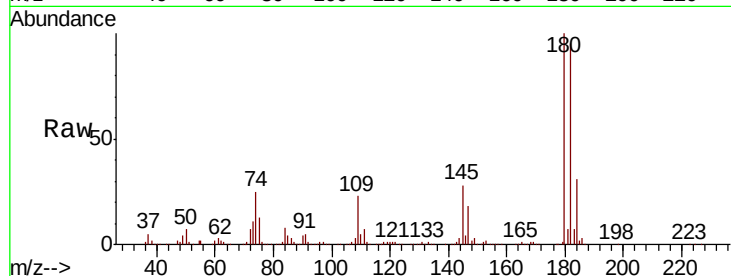




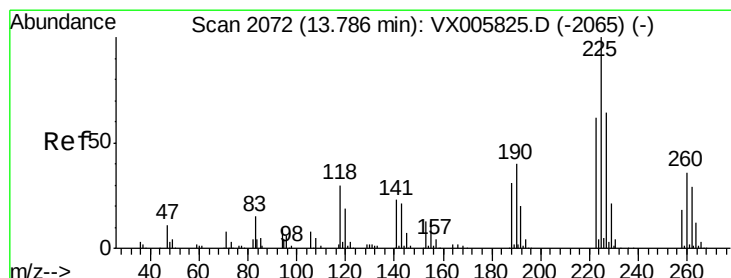
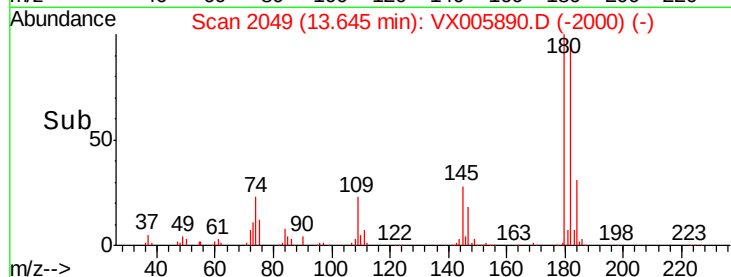
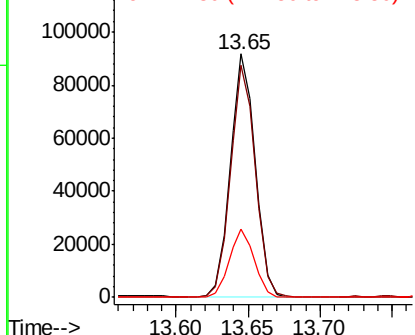
#93
 1,2,4-Trichlorobenzene
 Concen: 54.908 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 110719
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.8
 145 28.5 14.1 42.2

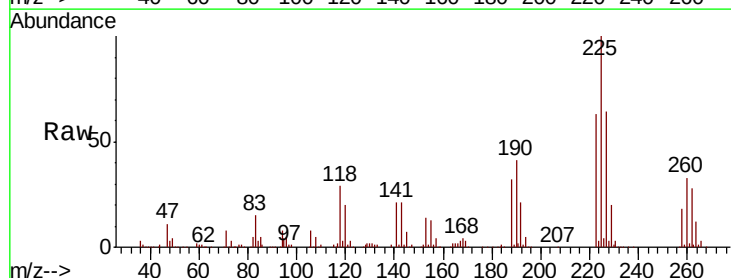


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

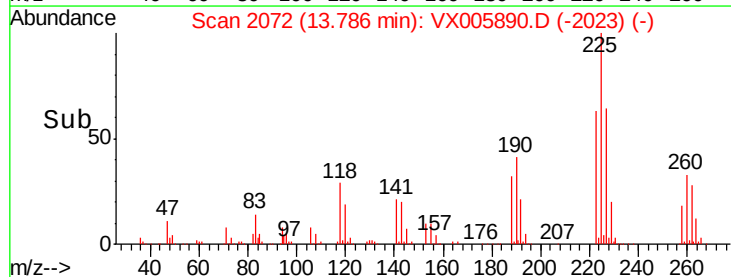
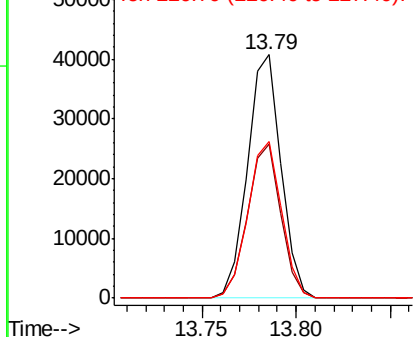


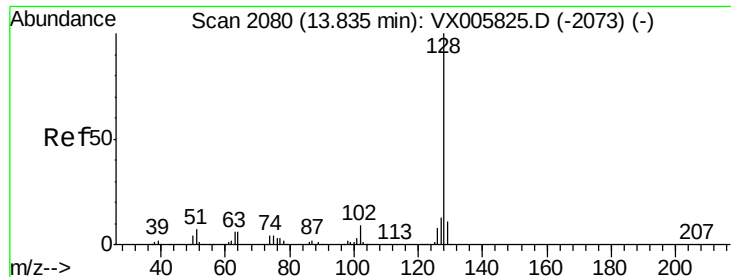
#94
 Hexachlorobutadiene
 Concen: 47.487 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005890.D
 Acq: 10 Nov 2018 04:51

Tgt Ion:225 Resp: 50299
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.7 95.1
 227 64.8 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.750 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

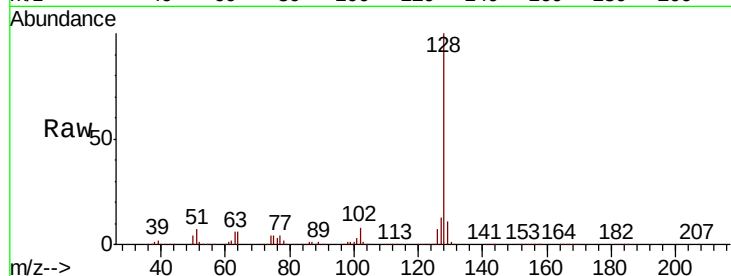
Tot Ion:128 Resp: 354061

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

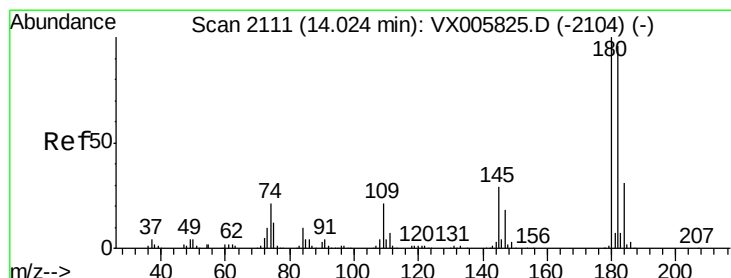
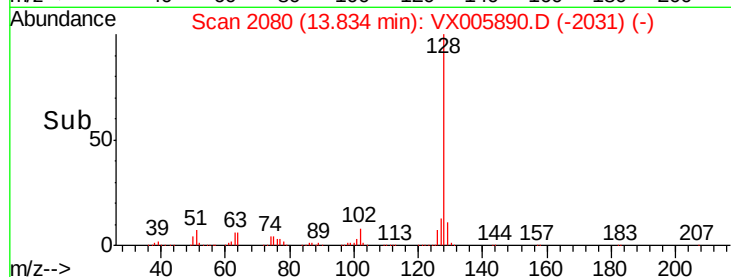
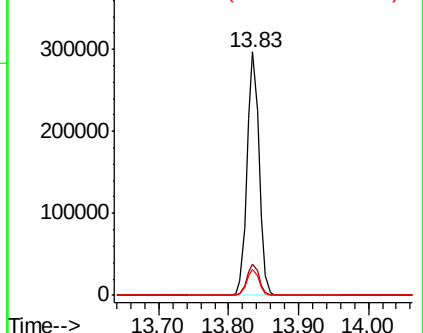
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.581 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005890.D

Acq: 10 Nov 2018 04:51

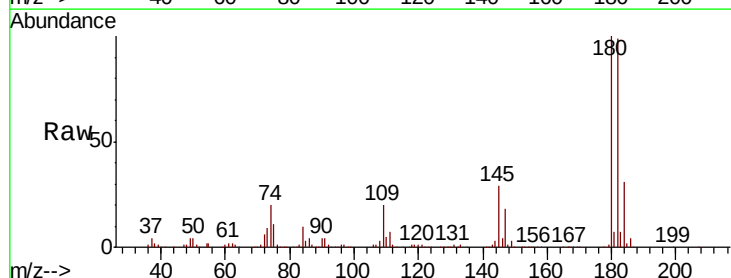
Tgt Ion:180 Resp: 110072

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.2

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

