

Data File : VX005825.D
Acq On : 07 Nov 2018 13:25
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Nov 19 07:57:48 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	5.66	168	119990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78858	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70173	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.51	113	58514	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	8.71	98	189959	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	69256	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	55291	51.108	ug/l	100
3) Chloromethane	1.32	50	69461	48.924	ug/l	97
4) Vinyl Chloride	1.40	62	73872	51.828	ug/l	97
5) Bromomethane	1.64	94	43147	49.467	ug/l	90
6) Chloroethane	1.71	64	42587	50.076	ug/l	100
7) Trichlorofluoromethane	1.93	101	96696	51.109	ug/l	99
8) Diethyl Ether	2.19	74	35918	48.450	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53376	49.053	ug/l	98
10) Methyl Iodide	2.51	142	71394	54.136	ug/l	98
11) Tert butyl alcohol	3.07	59	95273	241.099	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52203	49.221	ug/l	88
13) Acrolein	2.29	56	45351	241.407	ug/l	97
14) Allyl chloride	2.73	41	120431	50.842	ug/l	97
15) Acrylonitrile	3.15	53	211079	257.751	ug/l	97
16) Acetone	2.45	43	188731	254.106	ug/l	96
17) Carbon Disulfide	2.57	76	161925	51.185	ug/l	98
18) Methyl Acetate	2.78	43	103178	51.894	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	184874	51.073	ug/l	95
20) Methylene Chloride	2.85	84	58122	47.639	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	57292	51.216	ug/l	97
22) Diisopropyl ether	3.87	45	209244	50.427	ug/l	97
23) Vinyl Acetate	3.83	43	912216	256.399	ug/l	100
24) 1,1-Dichloroethane	3.69	63	108673	49.089	ug/l	99
25) 2-Butanone	4.70	43	304564	260.827	ug/l	96
26) 2,2-Dichloropropane	4.57	77	83313	51.303	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	63347	51.285	ug/l	99
28) Bromochloromethane	5.02	49	55654	56.251	ug/l	97
29) Tetrahydrofuran	5.15	42	202701	270.362	ug/l	98
30) Chloroform	5.21	83	108202	50.661	ug/l	99
31) Cyclohexane	5.57	56	100559	52.328	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	93098	52.259	ug/l	99
36) 1,1-Dichloropropene	5.80	75	82558	51.742	ug/l	98
37) Ethyl Acetate	4.85	43	109124	52.008	ug/l	100
38) Carbon Tetrachloride	5.78	117	81620	51.097	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86146	53.270	ug/l #	83
40) Benzene	6.15	78	240259	51.652	ug/l	96
41) Methacrylonitrile	5.05	41	59124	52.148	ug/l	99
42) 1,2-Dichloroethane	6.19	62	85116	51.089	ug/l	99
43) Isopropyl Acetate	6.46	43	162432	53.425	ug/l	99
44) Trichloroethene	7.21	130	59166	50.087	ug/l	98
45) 1,2-Dichloropropane	7.52	63	56258	49.830	ug/l	100
46) Dibromomethane	7.66	93	35289	49.811	ug/l	97
47) Bromodichloromethane	7.90	83	68143	50.895	ug/l	99
48) Methyl methacrylate	7.77	41	72134	52.838	ug/l	97
49) 1,4-Dioxane	7.76	88	29933	1017.519	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	482043	251.568	ug/l	100
52) Toluene	8.79	92	131104	50.431	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	87837	55.592	ug/l #	87
54) cis-1,3-Dichloropropene	8.43	75	82808	51.420	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	55747	48.116	ug/l	93
56) Ethyl methacrylate	9.18	69	92270	53.226	ug/l	99
57) 1,3-Dichloropropane	9.37	76	100019	51.370	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	230935	244.655	ug/l	99
59) 2-Hexanone	9.50	43	452198	267.731	ug/l	100
60) Dibromochloromethane	9.59	129	67125	53.608	ug/l	98
61) 1,2-Dibromoethane	9.67	107	65240	50.923	ug/l	99
64) Tetrachloroethene	9.34	164	72652	54.620	ug/l #	87
65) Chlorobenzene	10.13	112	163505	52.242	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.22	131	54357	49.956	ug/l	99
67) Ethyl Benzene	10.25	91	270247	53.848	ug/l	92
68) m/p-Xylenes	10.36	106	193359	101.007	ug/l	93
69) o-Xylene	10.70	106	89160	51.941	ug/l	98
70) Styrene	10.71	104	150810	53.258	ug/l	99
71) Bromoform	10.86	173	45932	50.357	ug/l #	100
73) Isopropylbenzene	11.02	105	247416	54.255	ug/l	99
74) N-amyl acetate	10.90	43	123518	48.316	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84383	50.413	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	103786	64.635	ug/l	84
77) Bromobenzene	11.26	156	65343	50.837	ug/l	100
78) n-propylbenzene	11.36	91	290042	53.967	ug/l	99
79) 2-Chlorotoluene	11.42	91	170952	52.625	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	213296	55.040	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26271	52.145	ug/l	98
82) 4-Chlorotoluene	11.51	91	203551	53.168	ug/l	100
83) tert-Butylbenzene	11.77	119	205761	52.483	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	220591	51.583	ug/l	99
85) sec-Butylbenzene	11.94	105	253270	52.828	ug/l	100
86) p-Isopropyltoluene	12.07	119	230593	54.300	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121789	49.371	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123841	49.041	ug/l	100
89) n-Butylbenzene	12.39	91	207046	52.606	ug/l	100
90) Hexachloroethane	12.60	117	36834	51.952	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	122573	49.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22004	53.871	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\
Quantitation Report (Not Reviewed)

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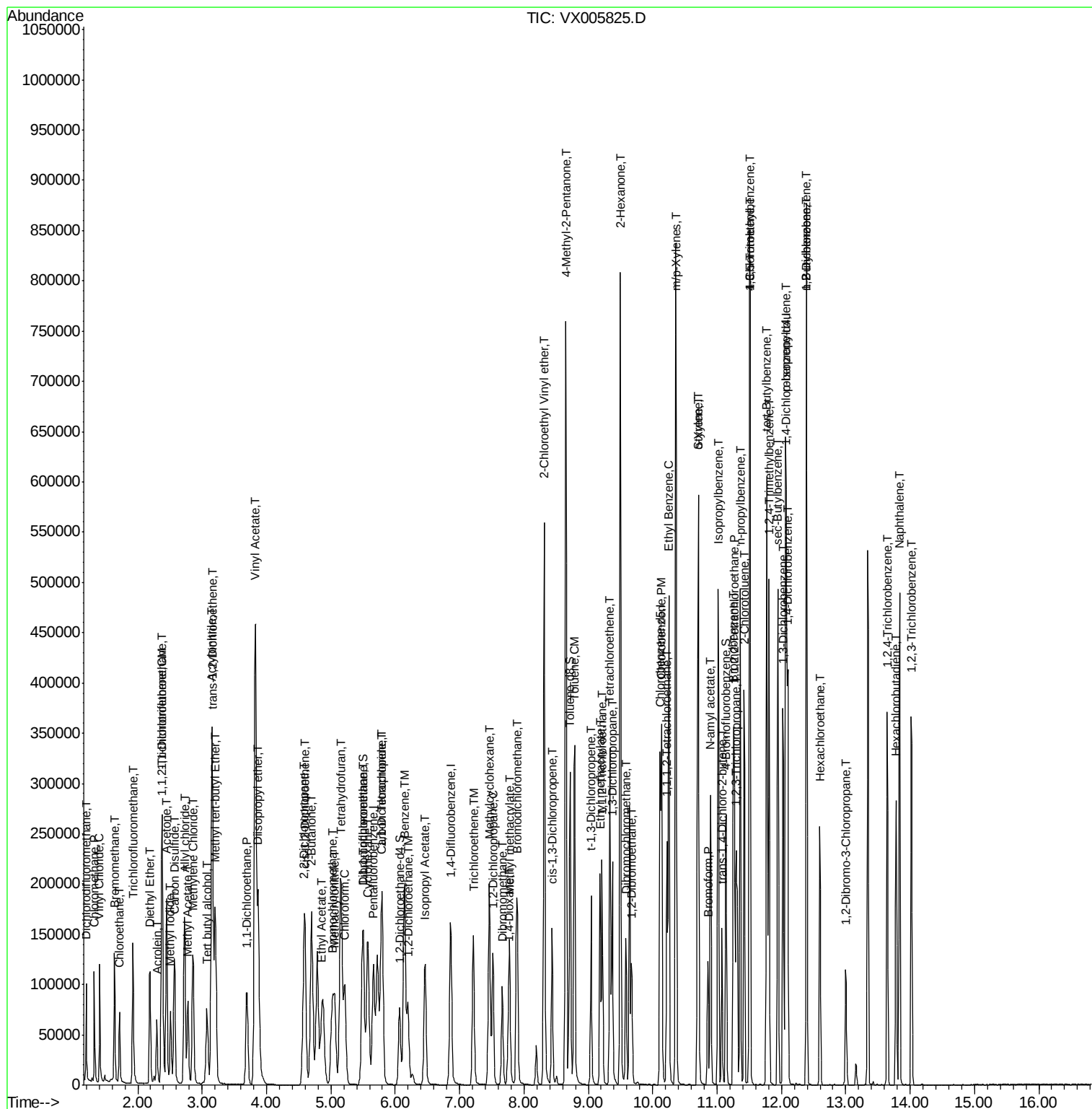
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92955	53.433	ug/l	99
94) Hexachlorobutadiene	13.79	225	46347	50.718	ug/l	99
95) Naphthalene	13.83	128	285685	50.347	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93898	52.981	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

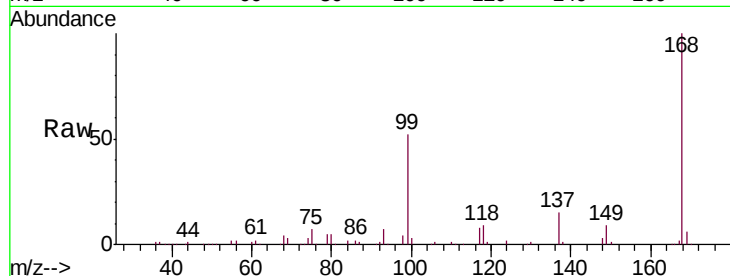
VSTDICCC050

Tgt Ion:168 Resp: 119990

Ion Ratio Lower Upper

168 100

99 52.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

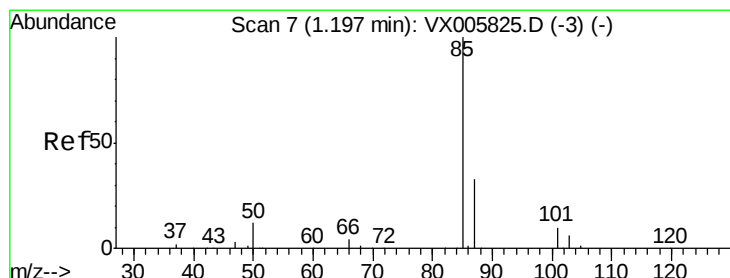
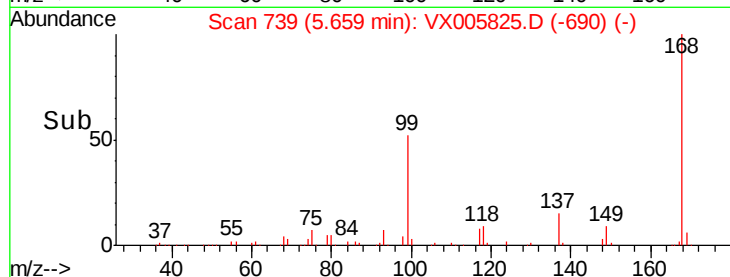
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.108 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005825.D

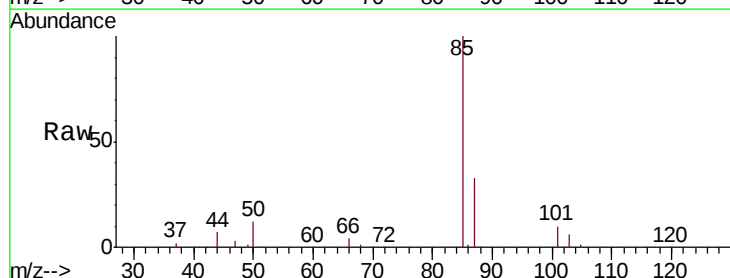
Acq: 07 Nov 2018 13:25

Tgt Ion: 85 Resp: 55291

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

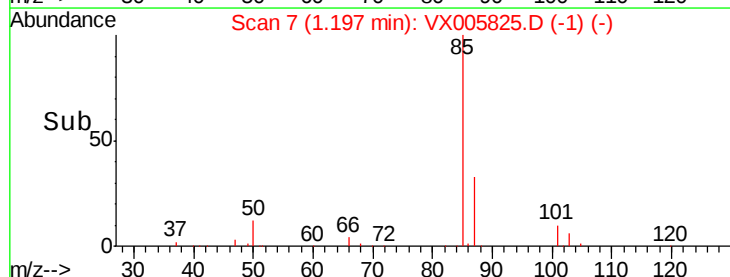
20000

10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.924 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

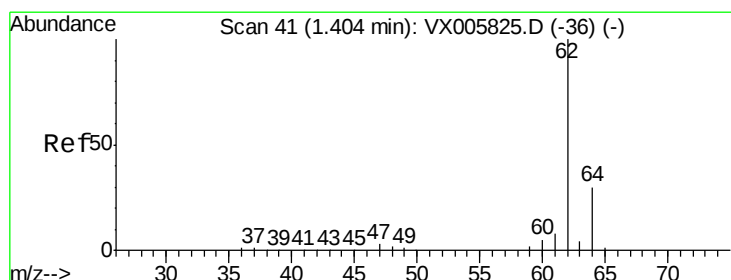
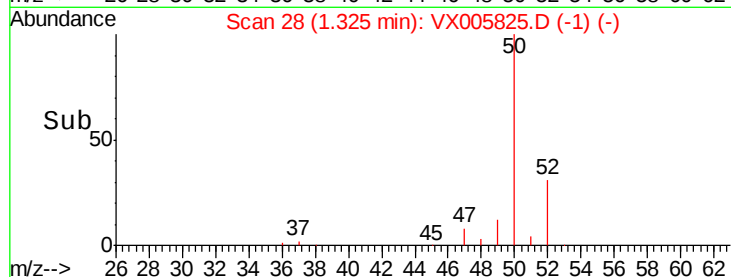
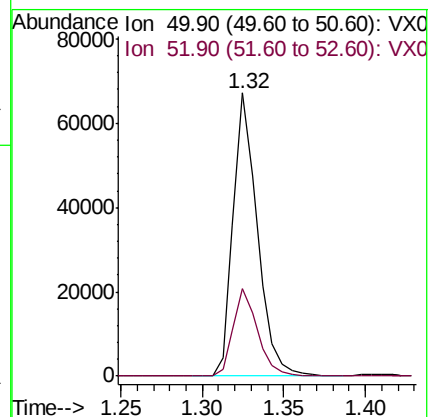
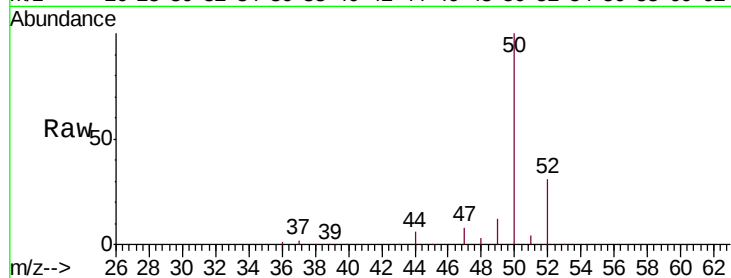
VSTDICCC050

Tgt Ion: 50 Resp: 69461

Ion Ratio Lower Upper

50 100

52 31.0 26.2 39.2



#4

Vinyl Chloride

Concen: 51.828 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005825.D

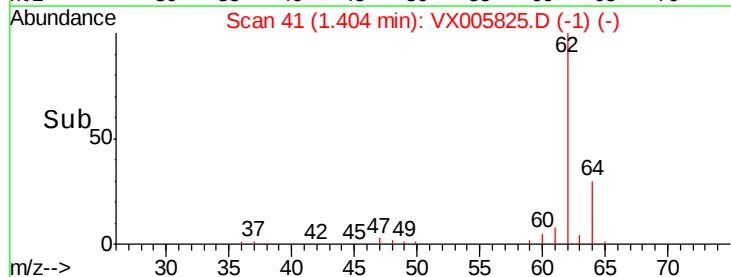
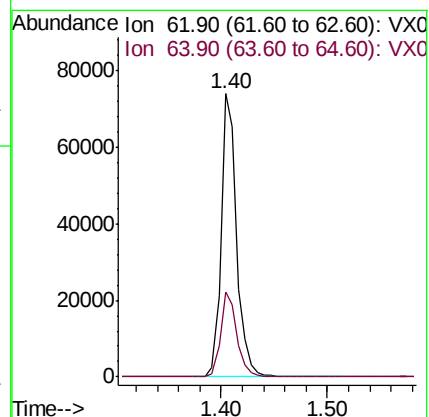
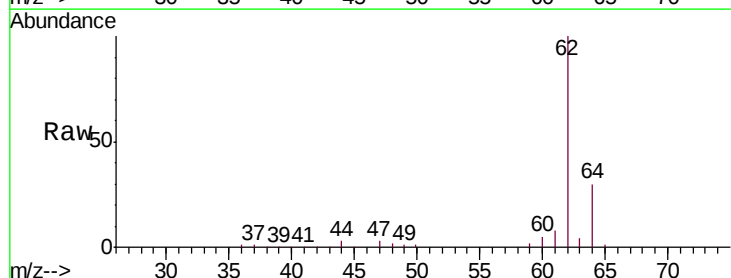
Acq: 07 Nov 2018 13:25

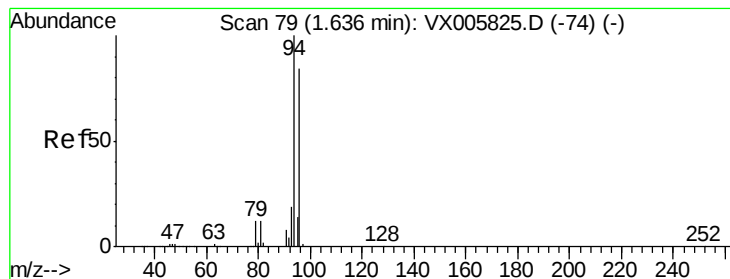
Tgt Ion: 62 Resp: 73872

Ion Ratio Lower Upper

62 100

64 30.1 25.3 37.9





#5

Bromomethane

Concen: 49.467 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

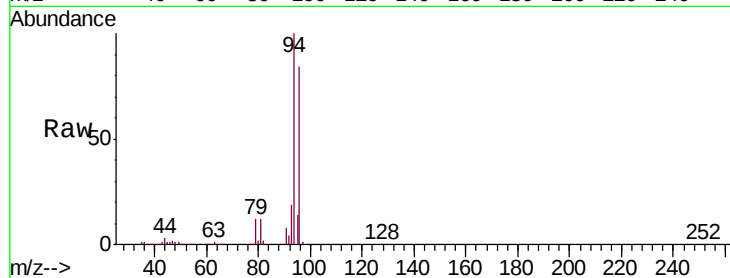
VSTDICCC050

Tgt Ion: 94 Resp: 43147

Ion Ratio Lower Upper

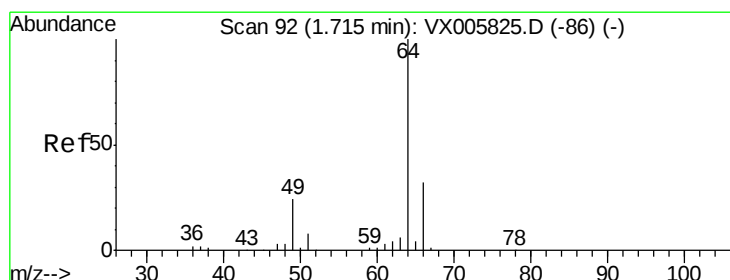
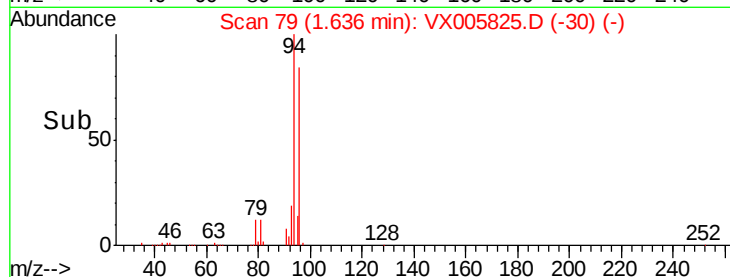
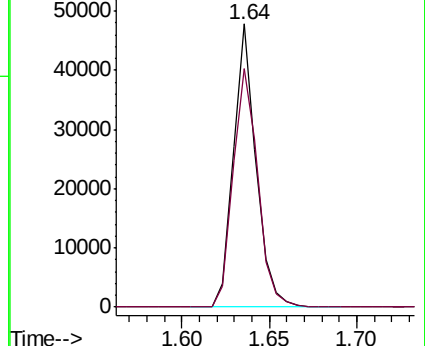
94 100

96 84.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.076 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005825.D

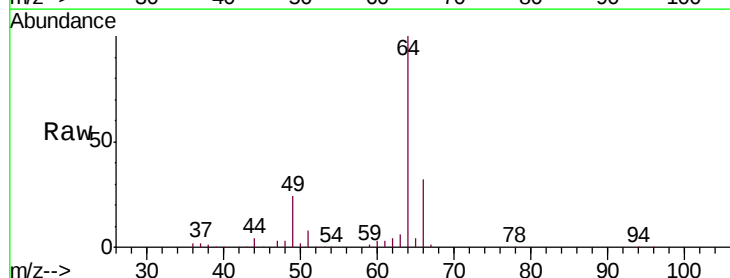
Acq: 07 Nov 2018 13:25

Tgt Ion: 64 Resp: 42587

Ion Ratio Lower Upper

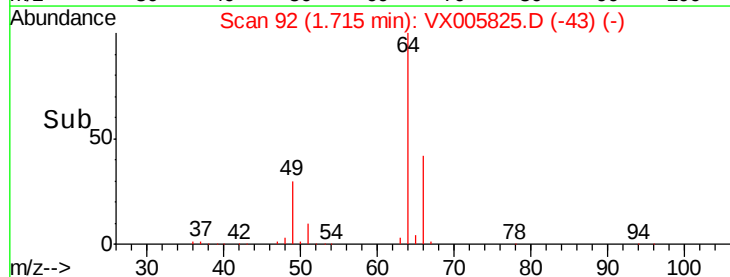
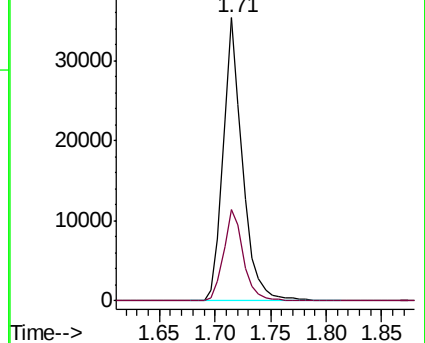
64 100

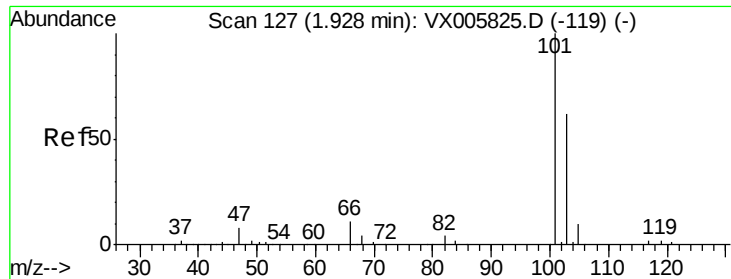
66 32.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



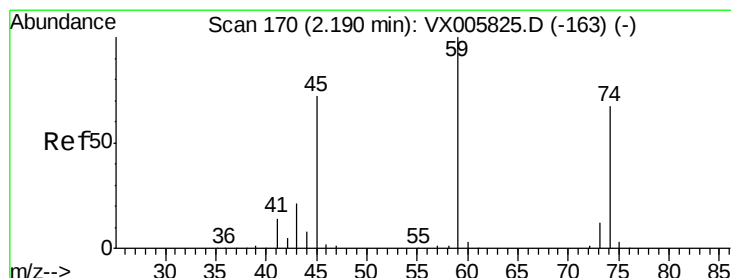
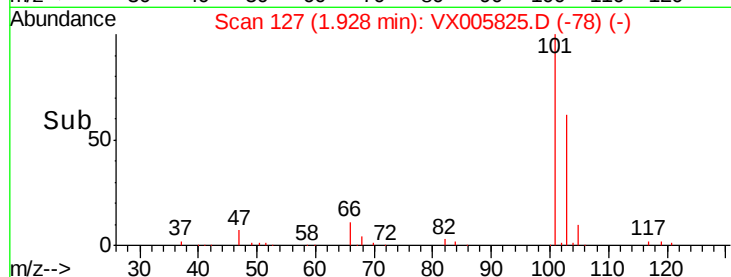
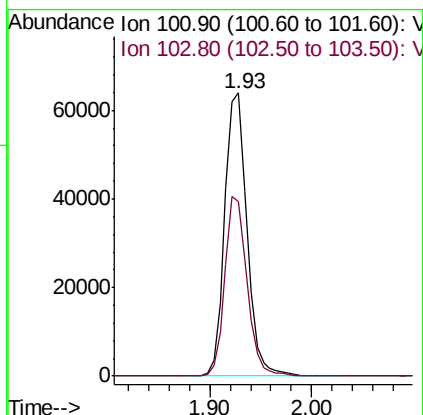
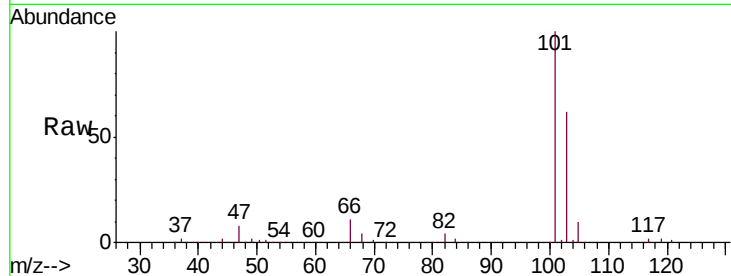


#7

Trichlorofluoromethane
Concen: 51.109 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX005825.D
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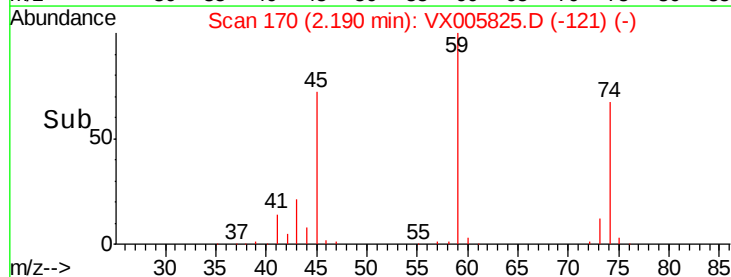
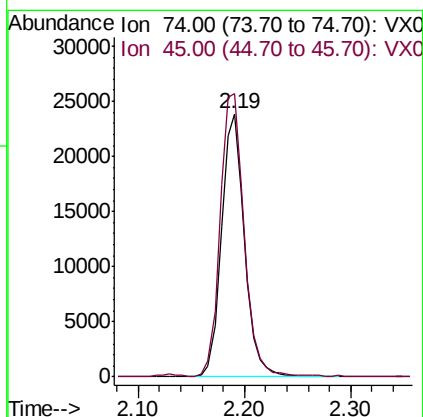
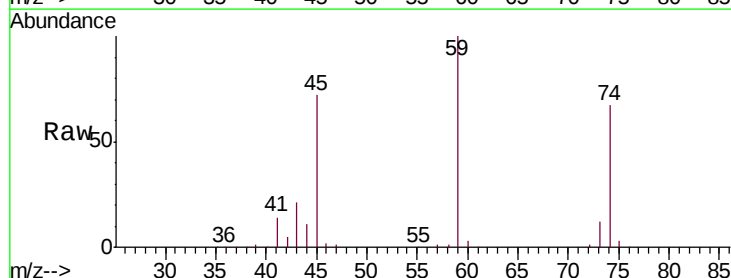
Tgt Ion:101 Resp: 96696
Ion Ratio Lower Upper
101 100
103 61.6 50.0 75.0



#8

Diethyl Ether
Concen: 48.450 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 74 Resp: 35918
Ion Ratio Lower Upper
74 100
45 111.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.053 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

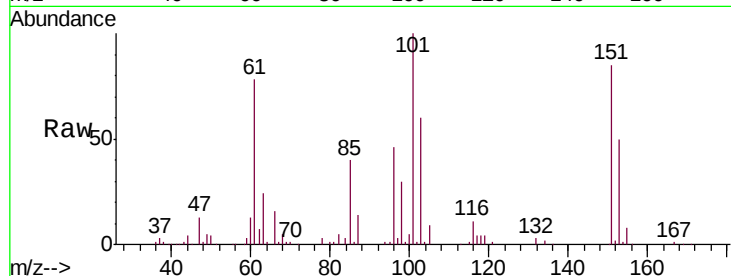
Tgt Ion:101 Resp: 53376

Ion Ratio Lower Upper

101 100

85 43.6 35.0 52.4

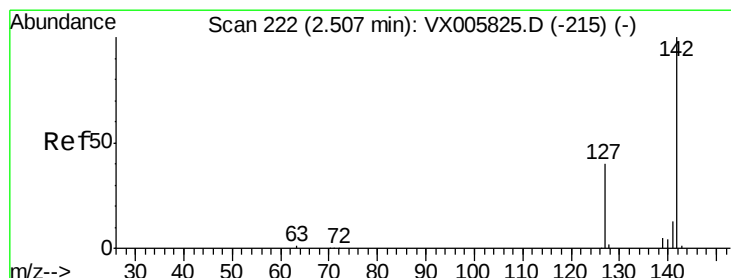
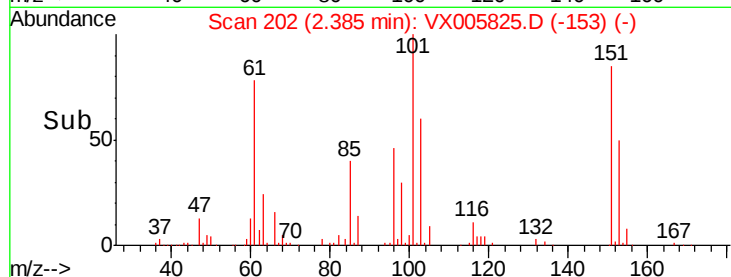
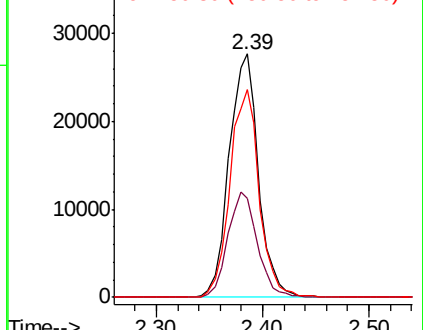
151 85.2 66.2 99.2



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: 54.136 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

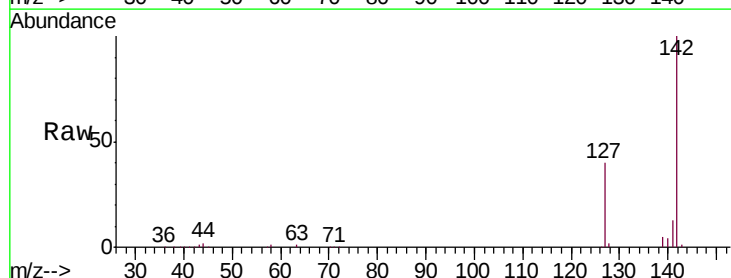
Tgt Ion:142 Resp: 71394

Ion Ratio Lower Upper

142 100

127 43.6 36.0 54.0

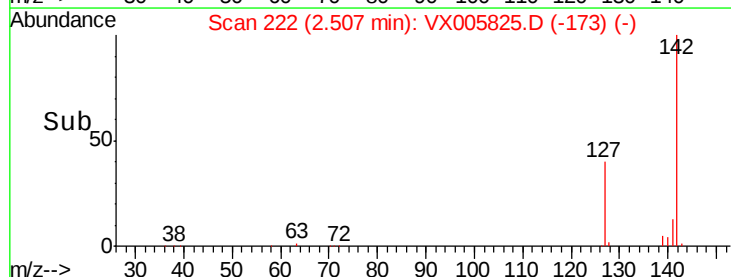
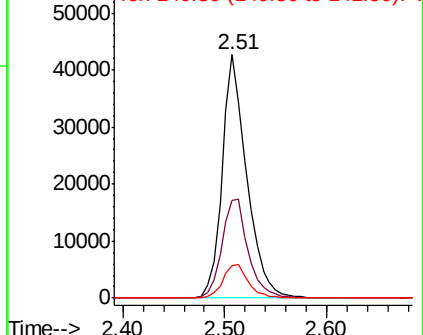
141 14.4 11.7 17.5

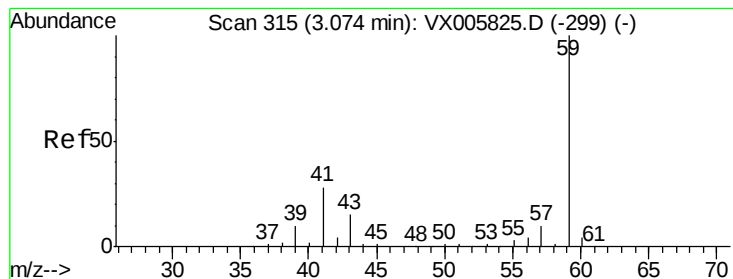


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



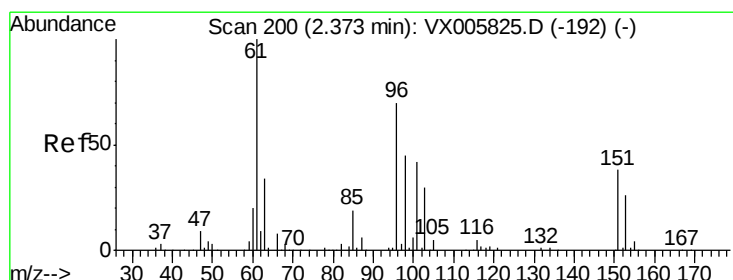
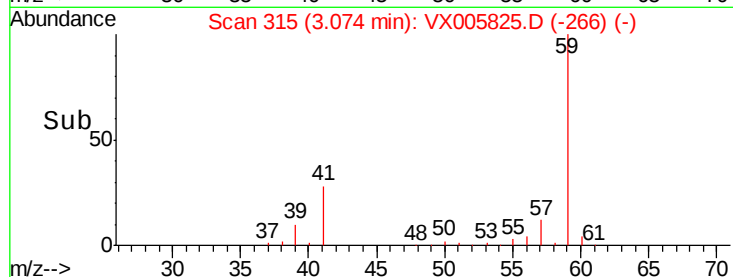
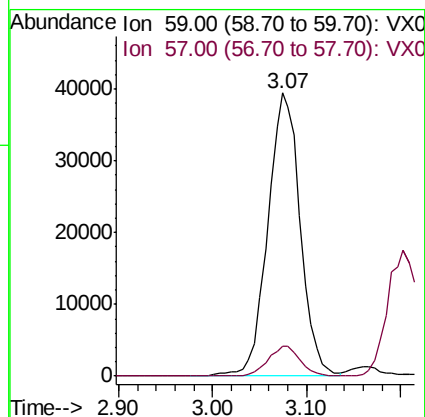
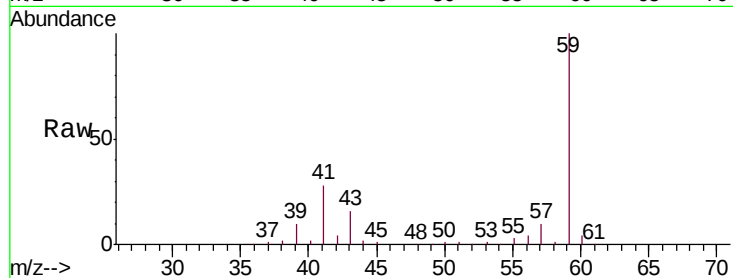


#11

Tert butyl alcohol
 Concen: 241.099 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

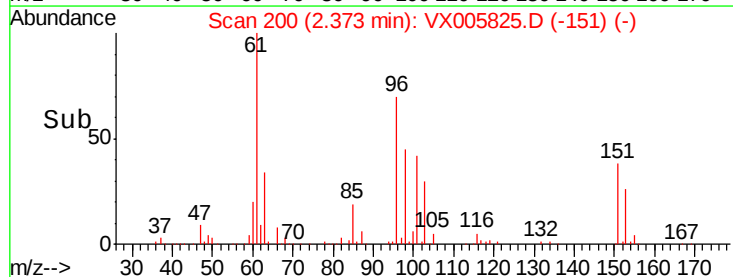
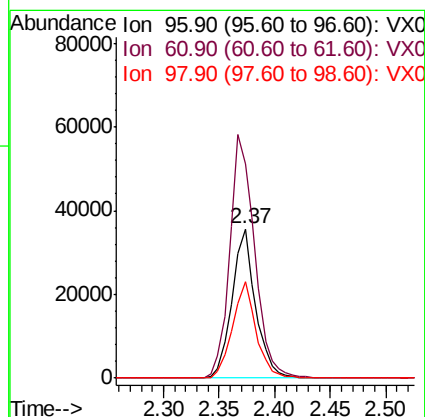
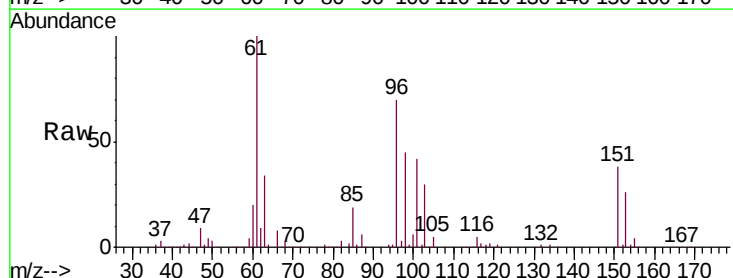
Tgt Ion: 59 Resp: 95273
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

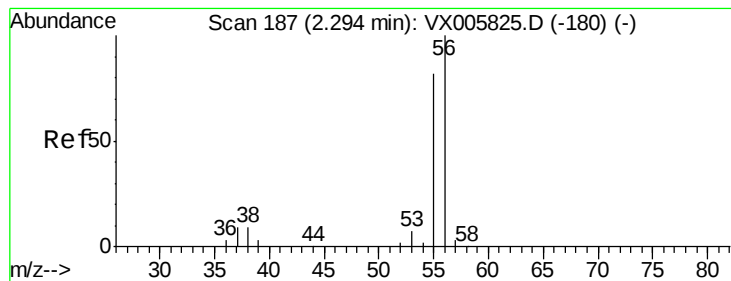


#12

1,1-Dichloroethene
 Concen: 49.221 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion: 96 Resp: 52203
 Ion Ratio Lower Upper
 96 100
 61 143.5 131.8 197.8
 98 65.0 53.4 80.2





#13

Acrolein

Concen: 241.407 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

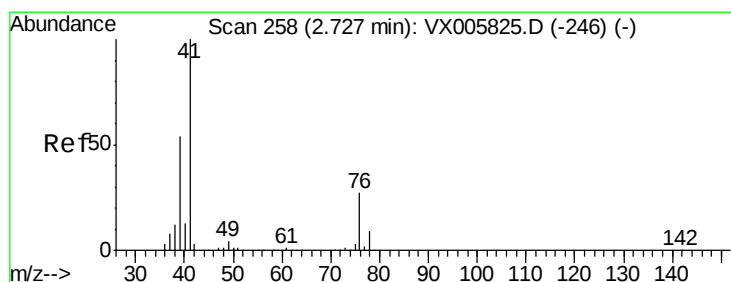
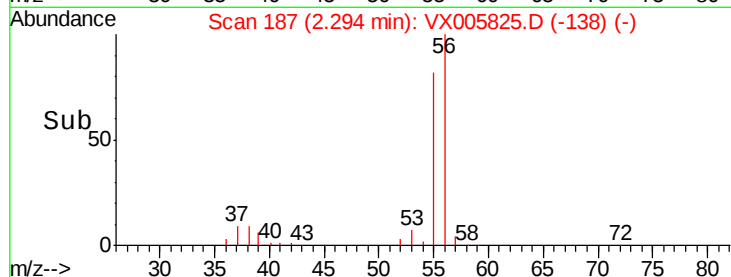
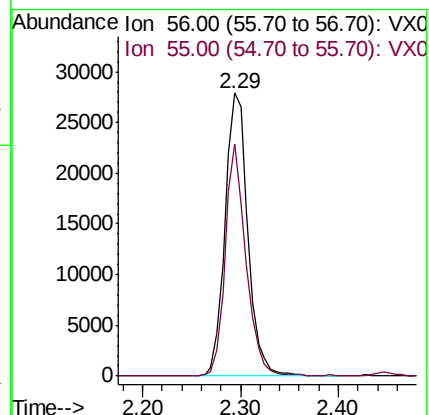
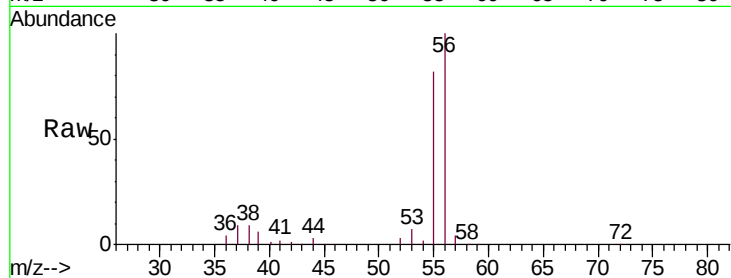
VSTDICCC050

Tgt Ion: 56 Resp: 45351

Ion Ratio Lower Upper

56 100

55 74.1 57.3 85.9



#14

Allyl chloride

Concen: 50.842 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

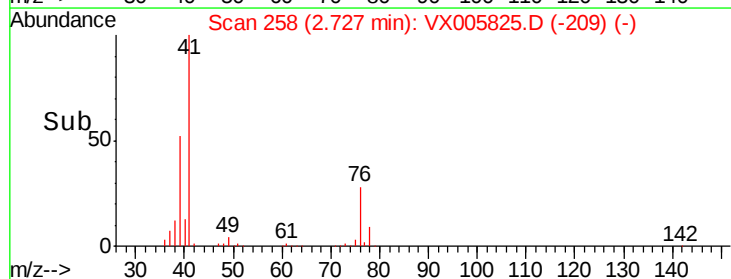
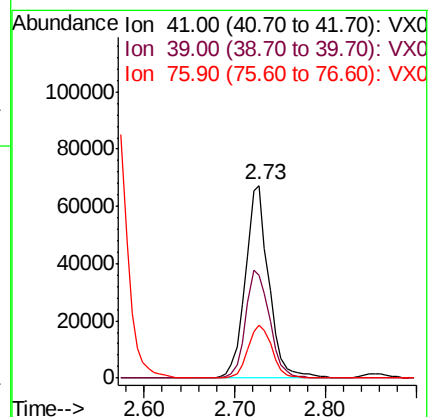
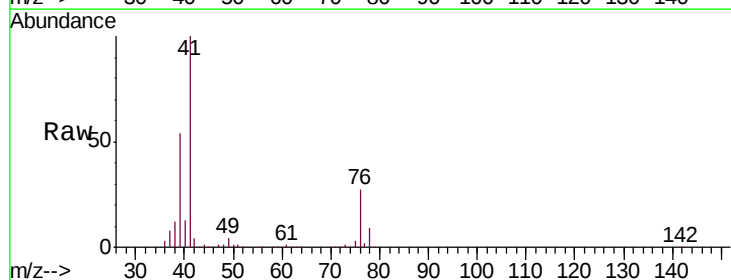
Tgt Ion: 41 Resp: 120431

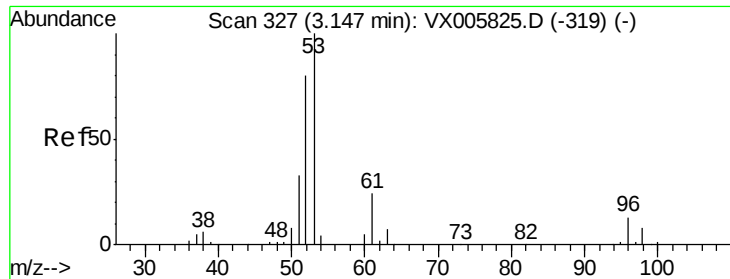
Ion Ratio Lower Upper

41 100

39 57.8 48.2 72.4

76 28.1 21.9 32.9





#15

Acrylonitrile

Concen: 257.751 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

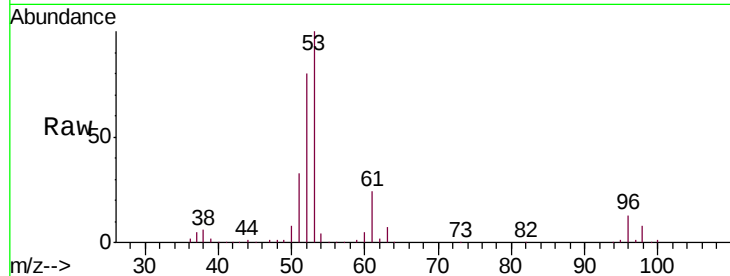
Tgt Ion: 53 Resp: 211079

Ion Ratio Lower Upper

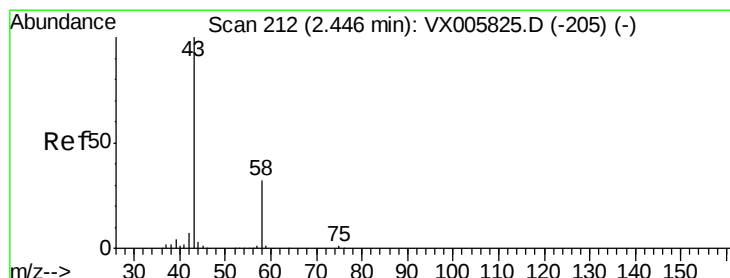
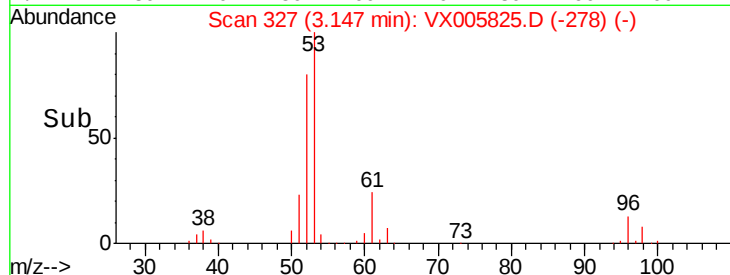
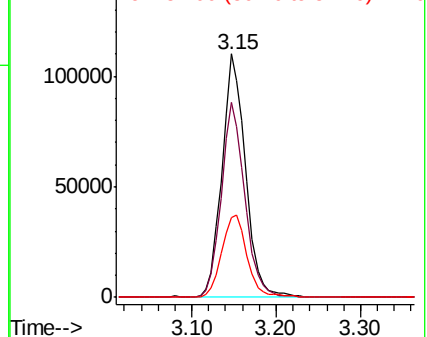
53 100

52 80.2 66.6 99.8

51 36.4 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 254.106 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005825.D

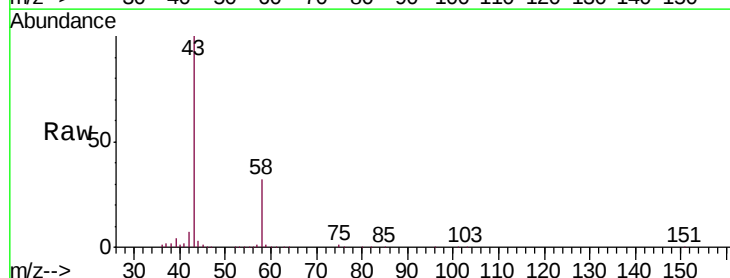
Acq: 07 Nov 2018 13:25

Tgt Ion: 43 Resp: 188731

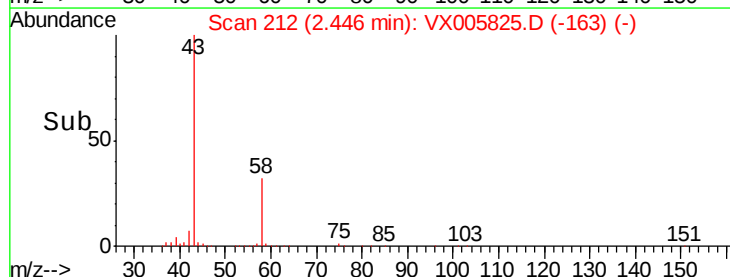
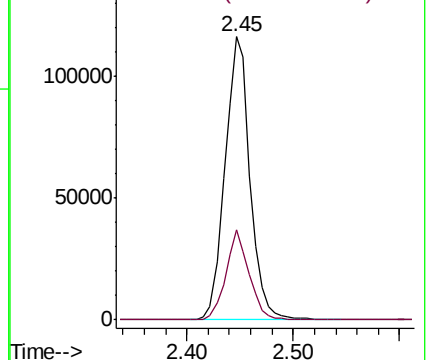
Ion Ratio Lower Upper

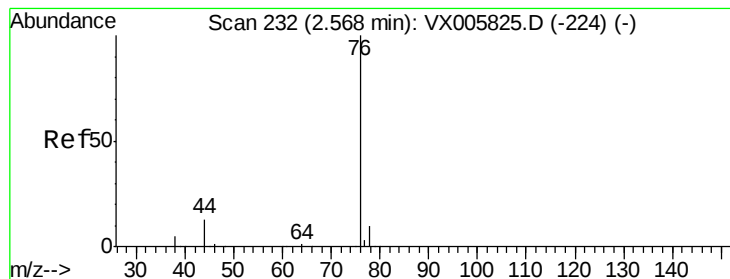
43 100

58 31.8 23.8 35.6



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





#17

Carbon Disulfide

Concen: 51.185 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

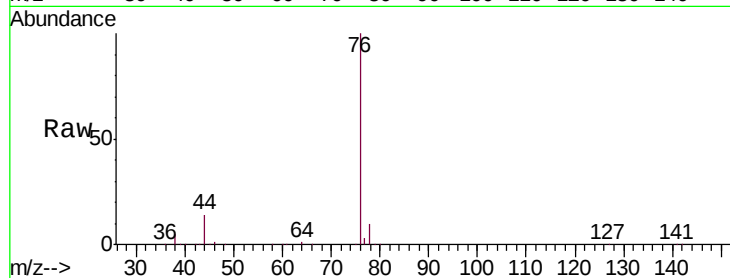
VSTDICCC050

Tgt Ion: 76 Resp: 161925

Ion Ratio Lower Upper

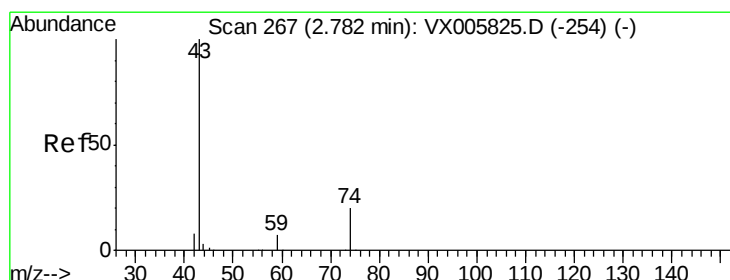
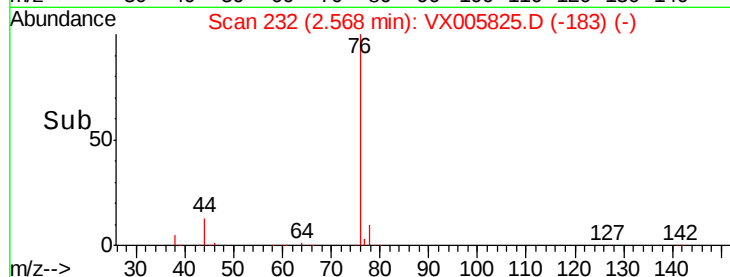
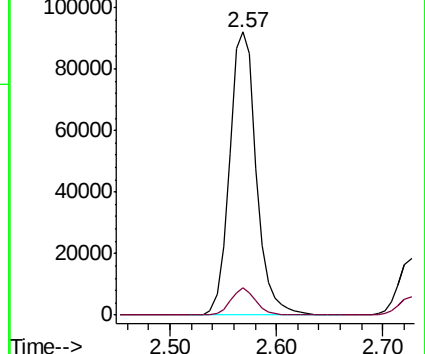
76 100

78 9.9 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: 51.894 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005825.D

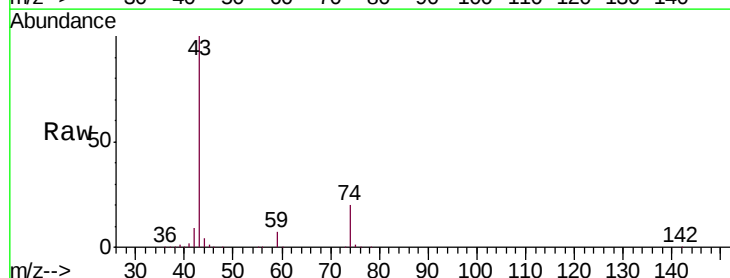
Acq: 07 Nov 2018 13:25

Tgt Ion: 43 Resp: 103178

Ion Ratio Lower Upper

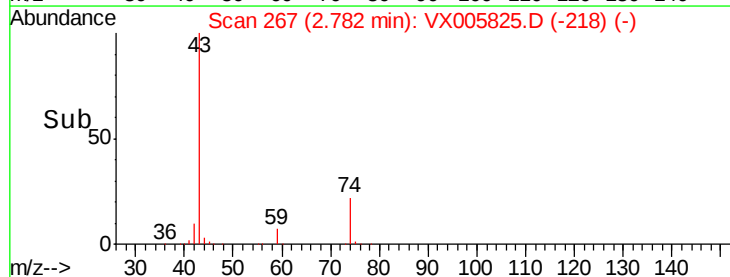
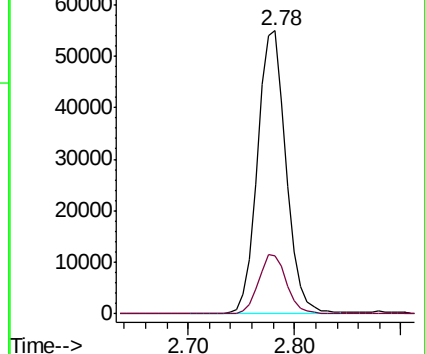
43 100

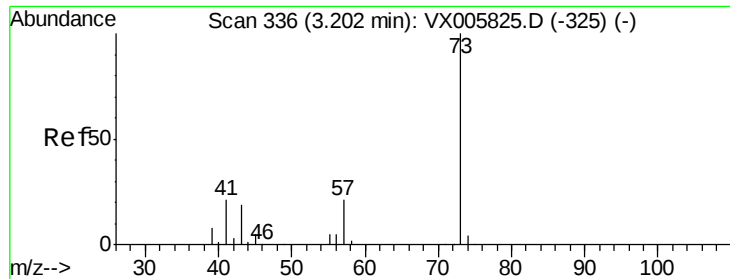
74 20.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

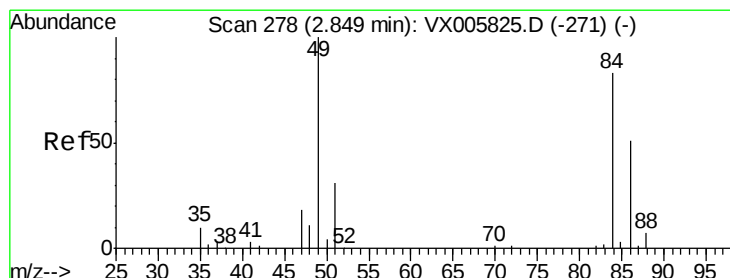
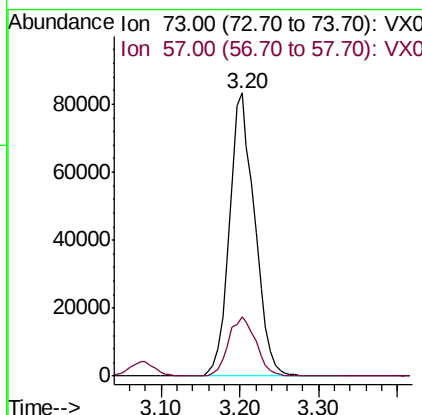
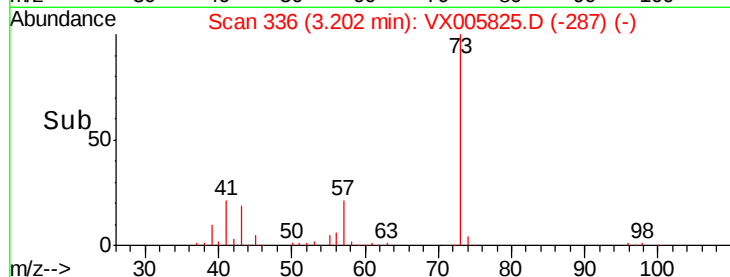
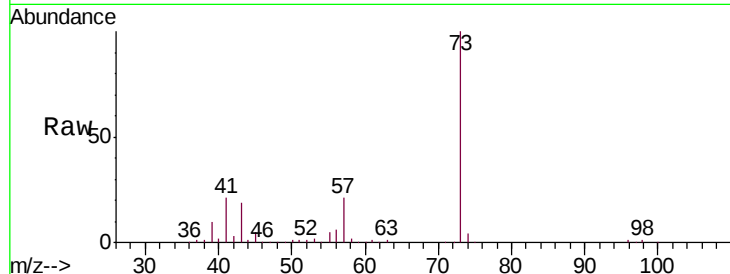




#19
Methyl tert-butyl Ether
Concen: 51.073 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

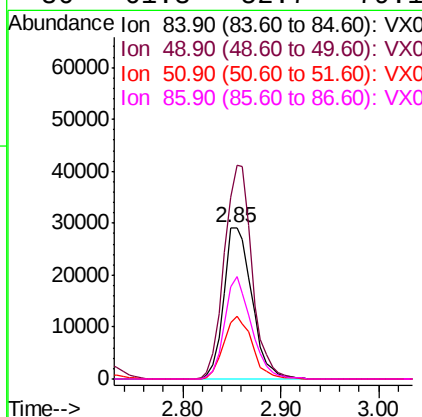
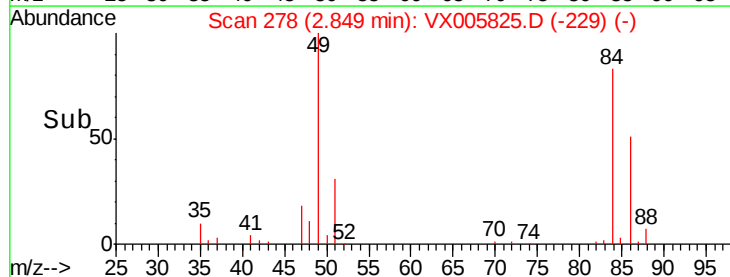
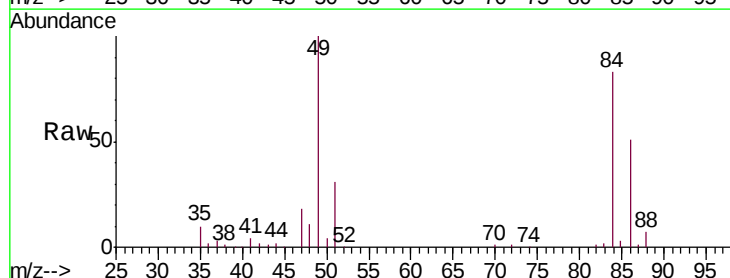
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 184874
Ion Ratio Lower Upper
73 100
57 21.1 18.8 28.2



#20
Methylene Chloride
Concen: 47.639 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 84 Resp: 58122
Ion Ratio Lower Upper
84 100
49 120.5 109.5 164.3
51 37.2 33.3 49.9
86 61.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.216 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

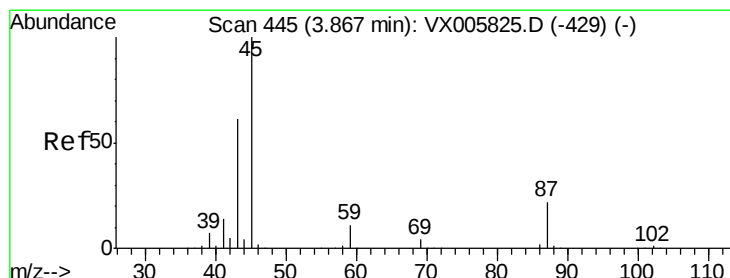
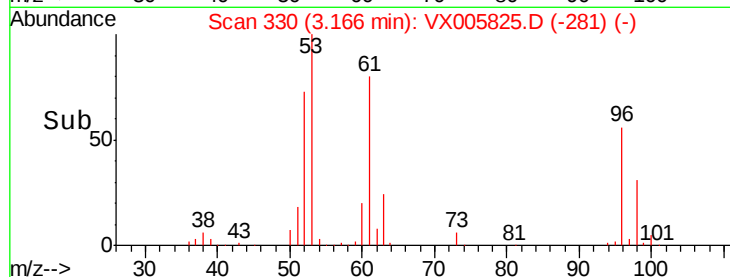
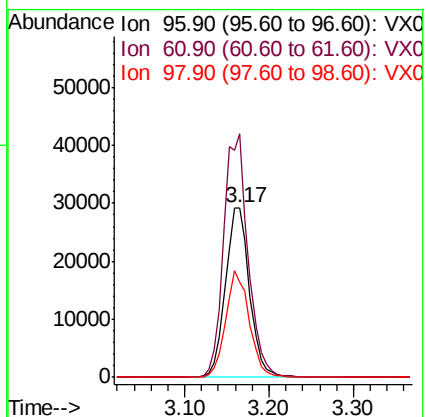
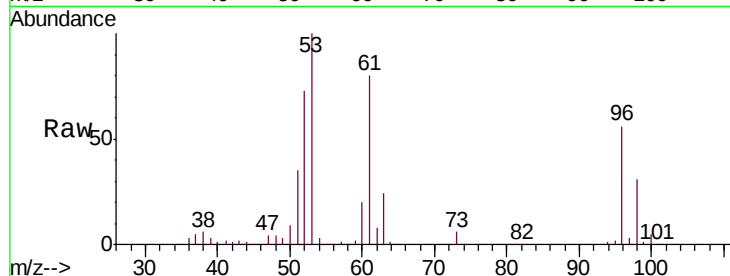
Tgt Ion: 96 Resp: 57292

Ion Ratio Lower Upper

96 100

61 143.4 115.6 173.4

98 56.1 50.2 75.2



#22

Diisopropyl ether

Concen: 50.427 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Tgt Ion: 45 Resp: 209244

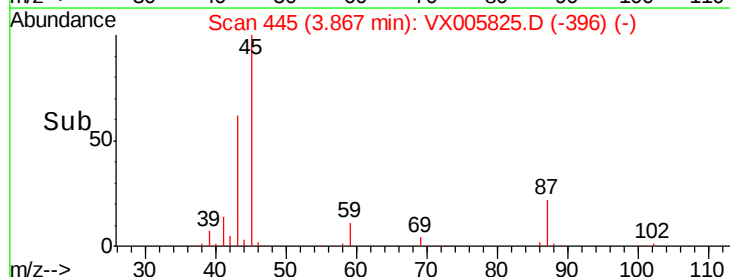
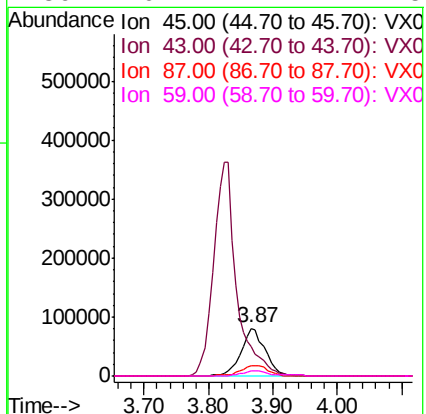
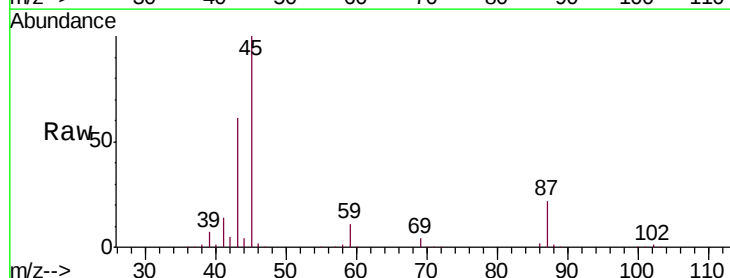
Ion Ratio Lower Upper

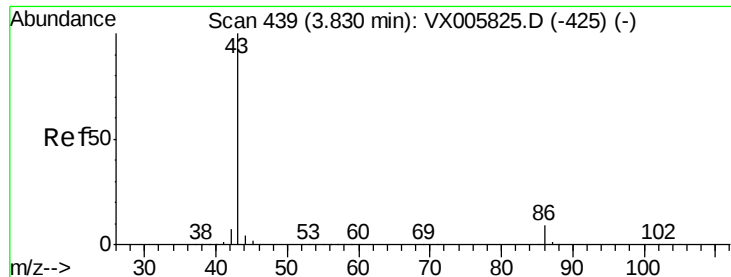
45 100

43 61.1 47.4 71.2

87 22.0 15.9 23.9

59 10.7 7.7 11.5





#23

Vinyl Acetate

Concen: 256.399 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

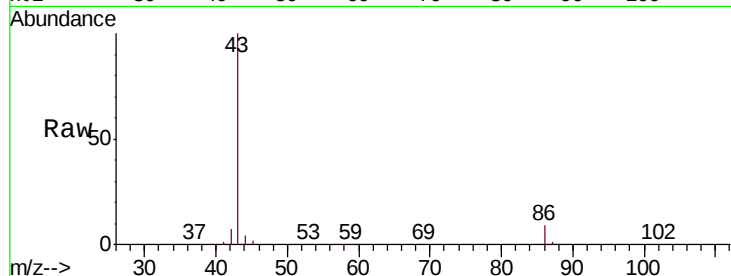
VSTDICCC050

Tgt Ion: 43 Resp: 912216

Ion Ratio Lower Upper

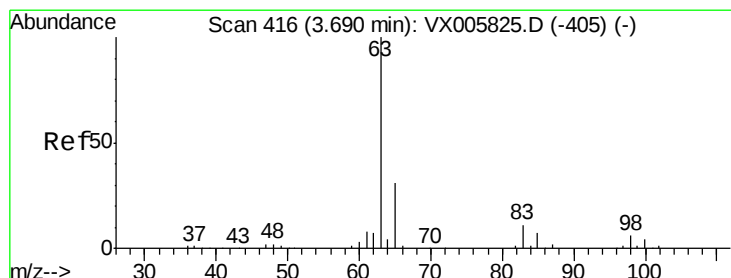
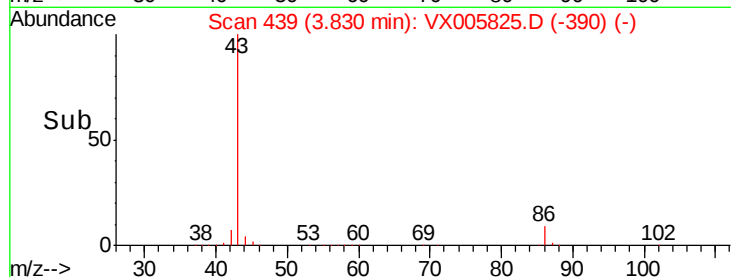
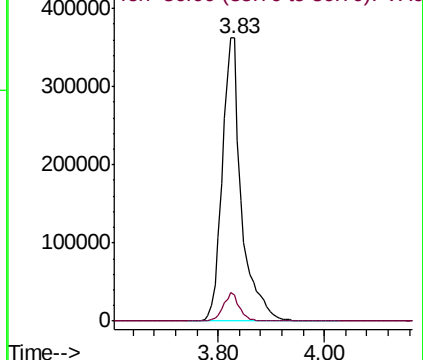
43 100

86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.089 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

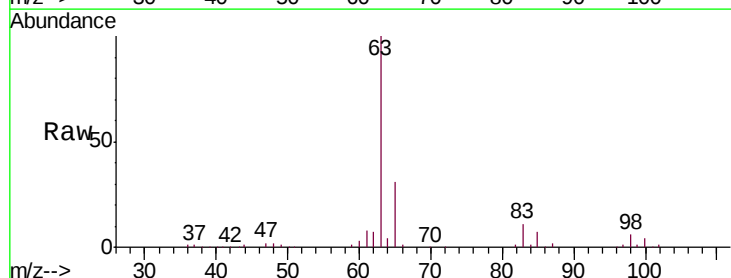
Tgt Ion: 63 Resp: 108673

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

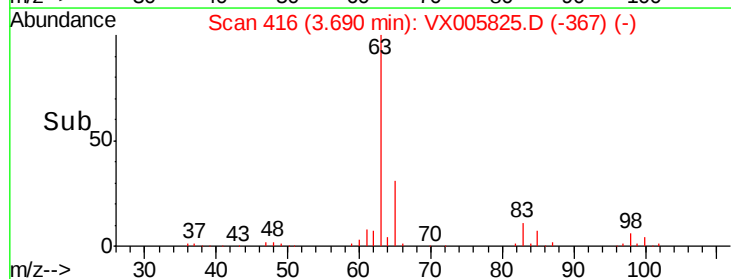
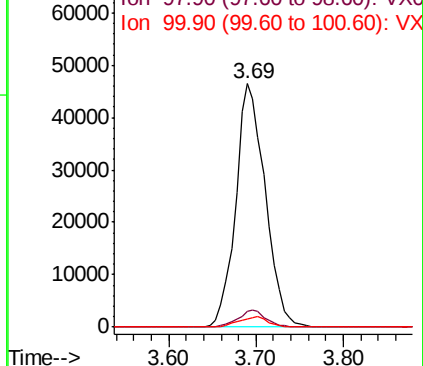
100 3.5 2.1 6.2

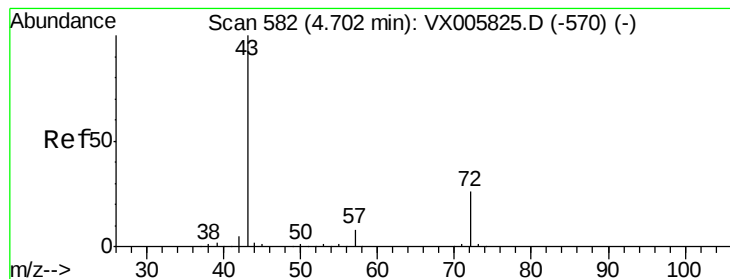


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 260.827 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

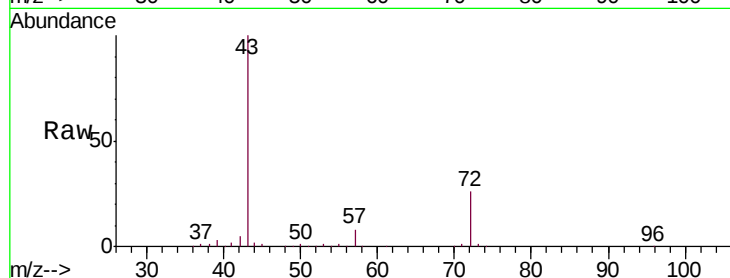
VSTDICCC050

Tgt Ion: 43 Resp: 304564

Ion Ratio Lower Upper

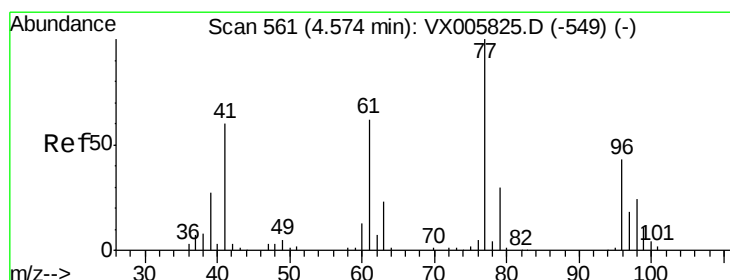
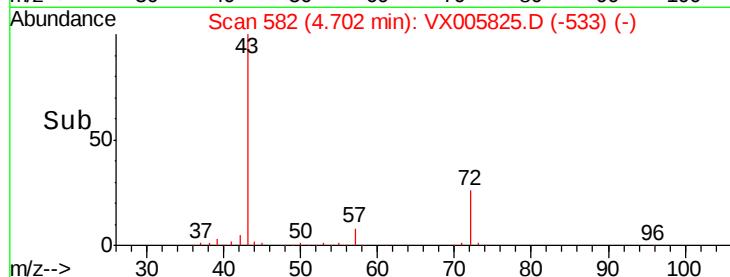
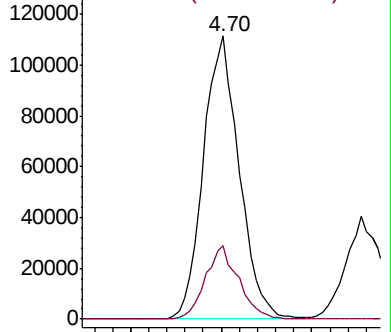
43 100

72 25.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.303 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX005825.D

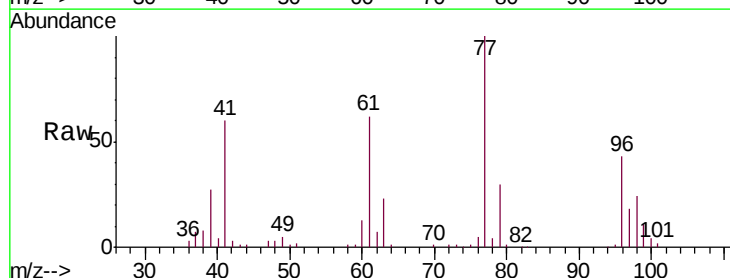
Acq: 07 Nov 2018 13:25

Tgt Ion: 77 Resp: 83313

Ion Ratio Lower Upper

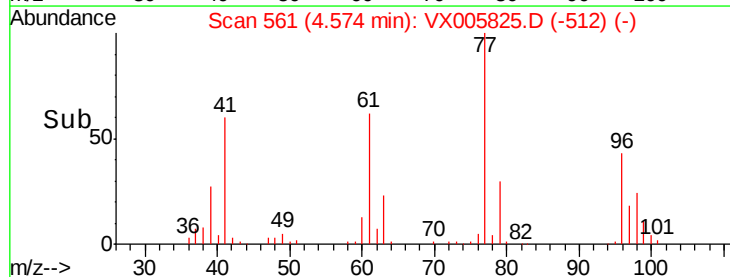
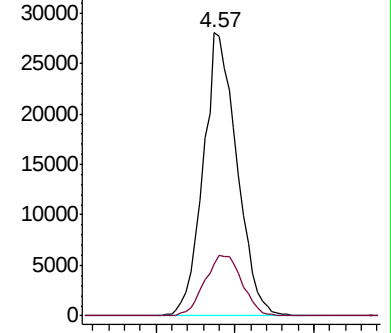
77 100

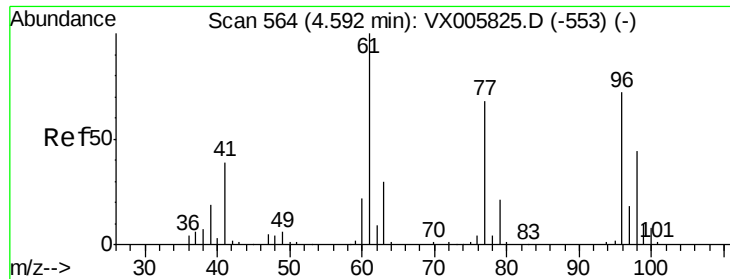
97 23.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



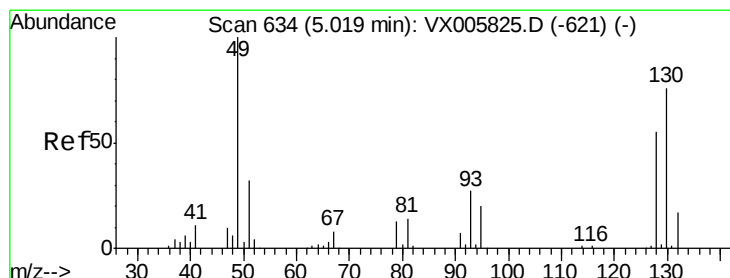
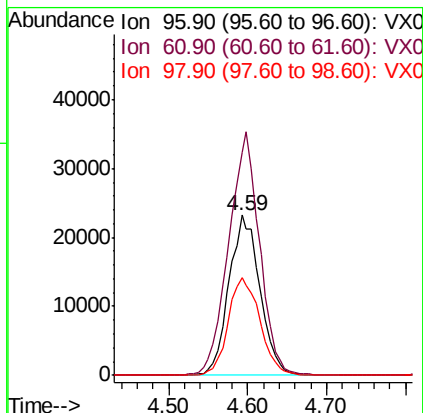
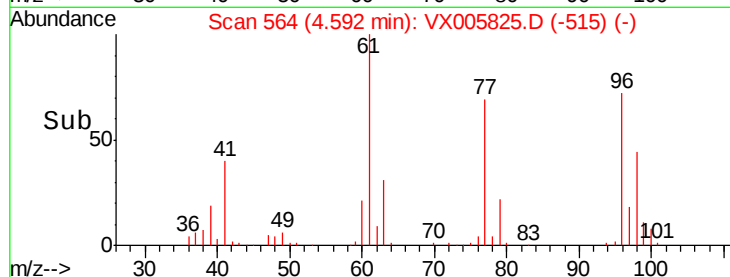
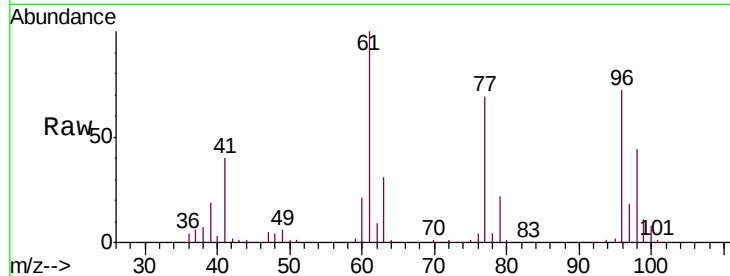


#27

cis-1,2-Dichloroethene
 Concen: 51.285 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

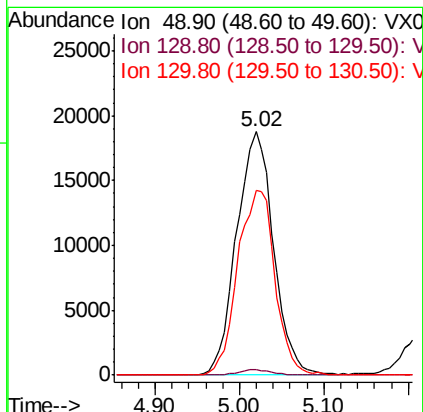
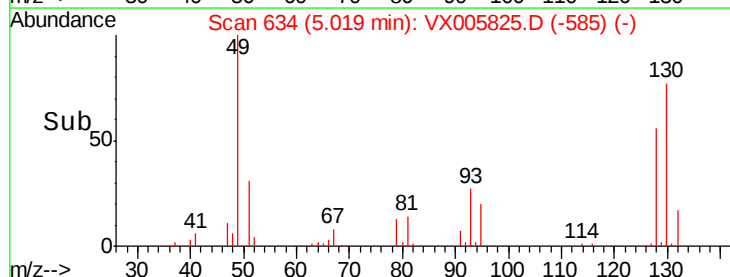
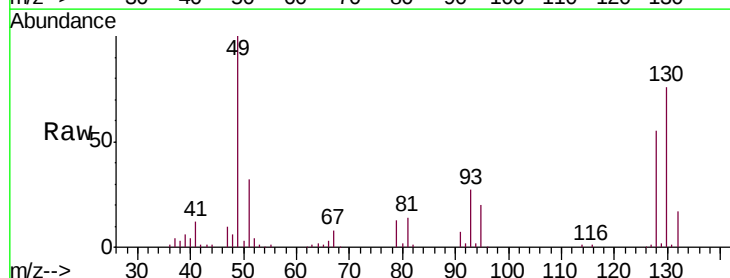
Tgt Ion: 96 Resp: 63347
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 304.6
 98 62.7 0.0 127.4



#28

Bromochloromethane
 Concen: 56.251 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion: 49 Resp: 55654
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 76.5 58.9 88.3

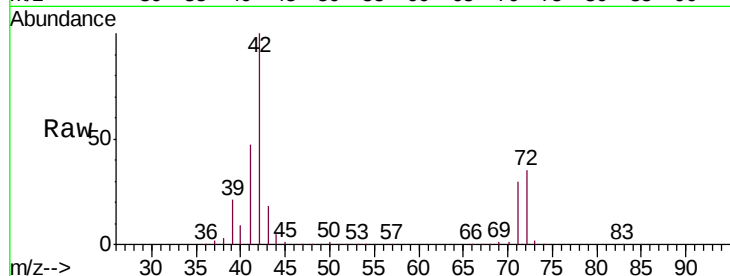




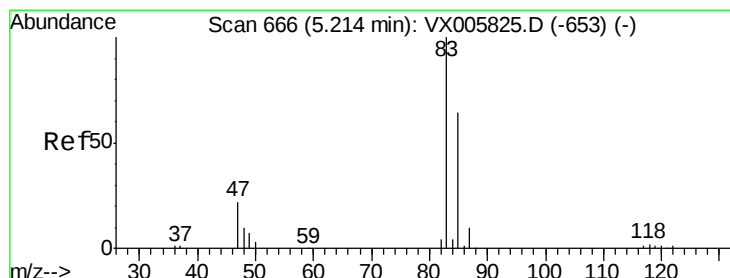
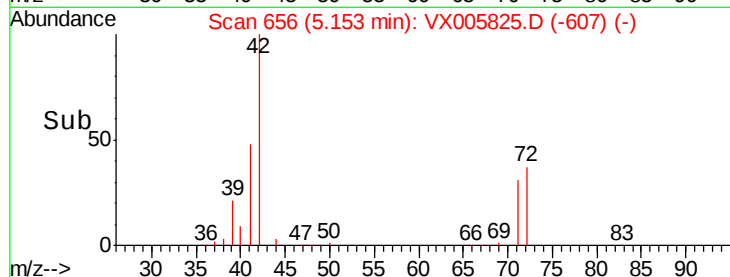
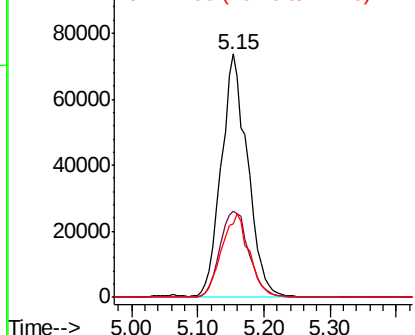
#29
Tetrahydrofuran
Concen: 270.362 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 202701
Ion Ratio Lower Upper
42 100
72 39.3 32.0 48.0
71 36.0 29.8 44.8

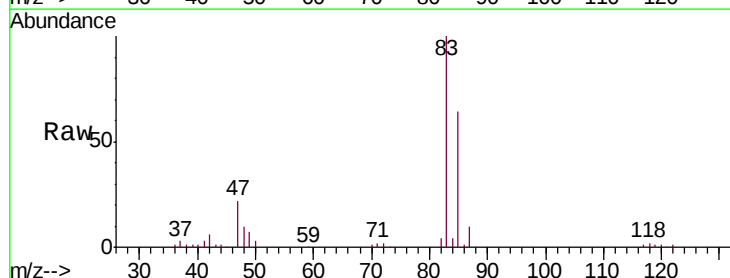


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

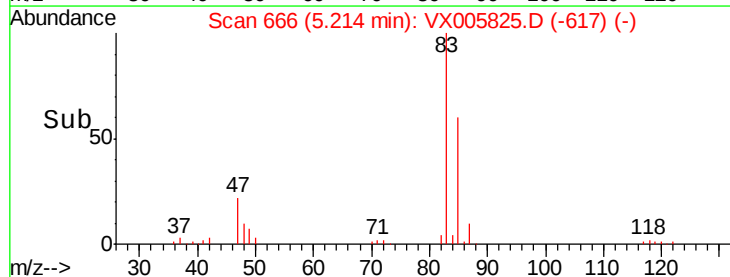
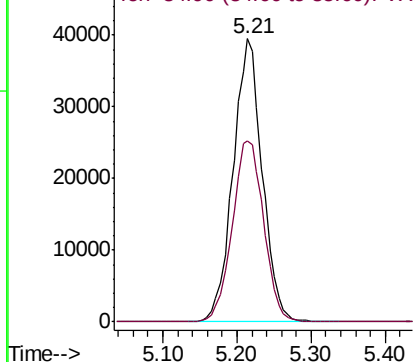


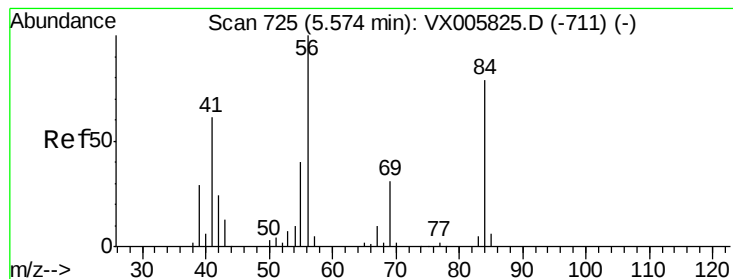
#30
Chloroform
Concen: 50.661 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 83 Resp: 108202
Ion Ratio Lower Upper
83 100
85 63.7 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: 52.328 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

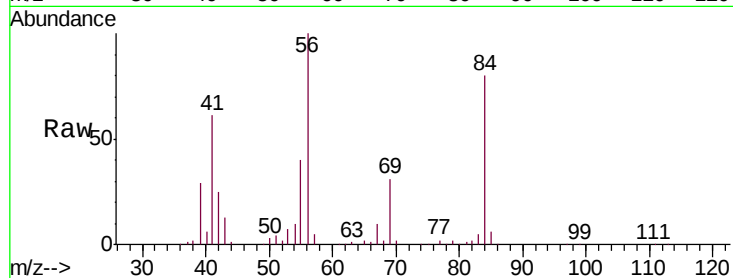
Tgt Ion: 56 Resp: 100559

Ion Ratio Lower Upper

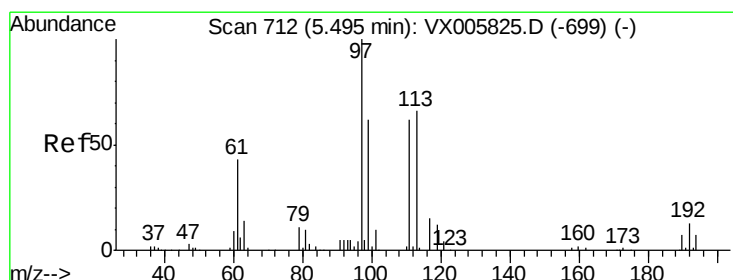
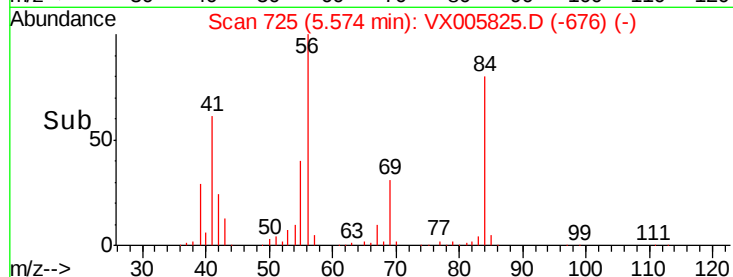
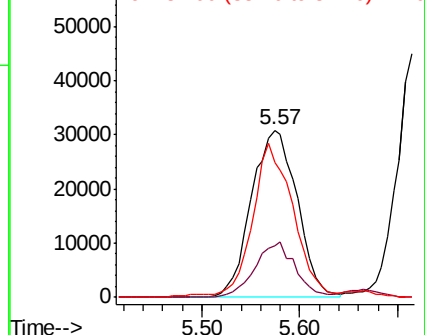
56 100

69 31.0 22.6 34.0

84 78.9 62.7 94.1



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



#32

1,1,1-Trichloroethane

Concen: 52.259 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

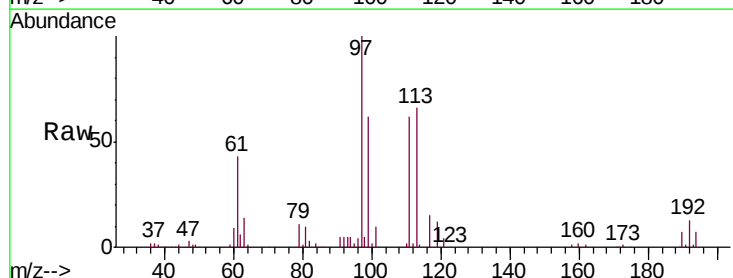
Tgt Ion: 97 Resp: 93098

Ion Ratio Lower Upper

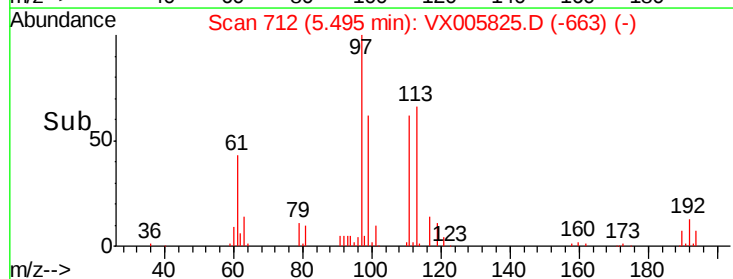
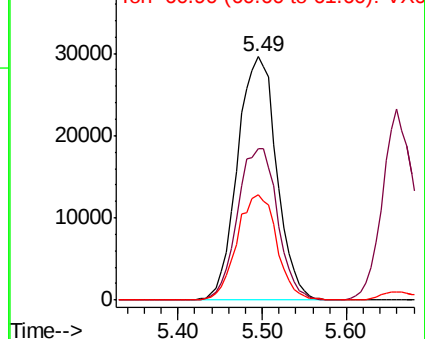
97 100

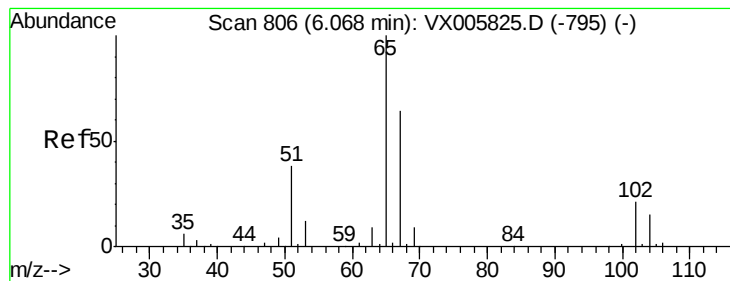
99 63.8 52.3 78.5

61 44.0 35.2 52.8



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





#33

1,2-Dichloroethane-d4

Concen: 50.871 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

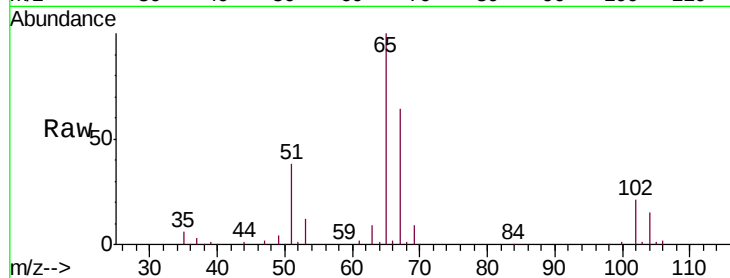
VSTDICCC050

Tgt Ion: 65 Resp: 70173

Ion Ratio Lower Upper

65 100

67 56.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

25000

20000

15000

10000

5000

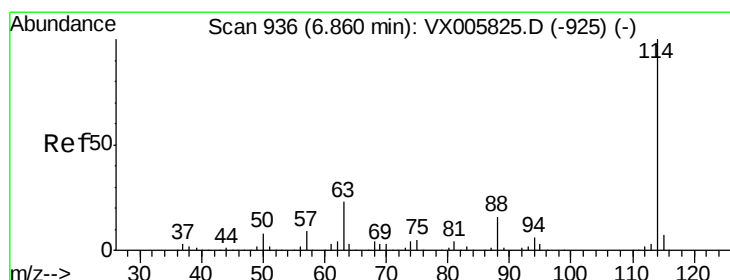
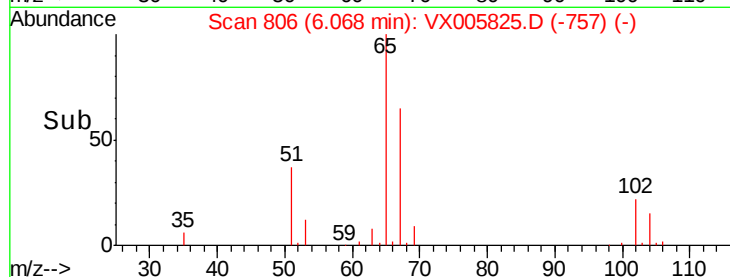
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

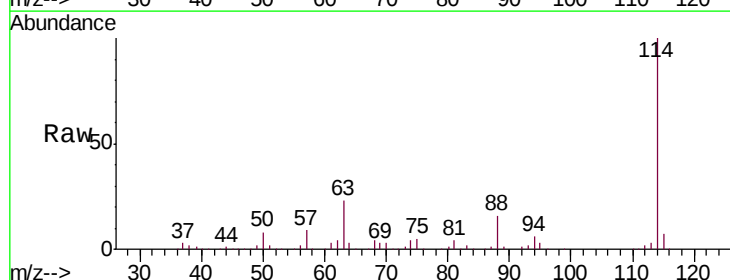
Tgt Ion: 114 Resp: 165513

Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.8

88 15.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

80000

60000

40000

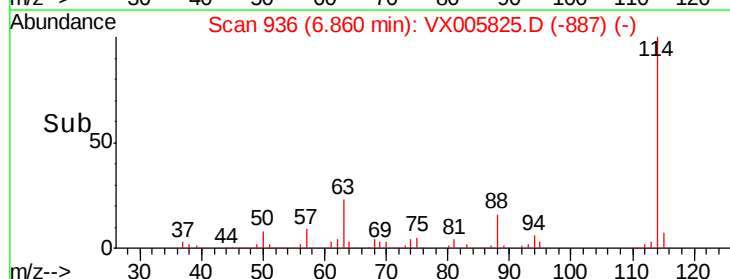
20000

0

Time-->

6.80

6.90

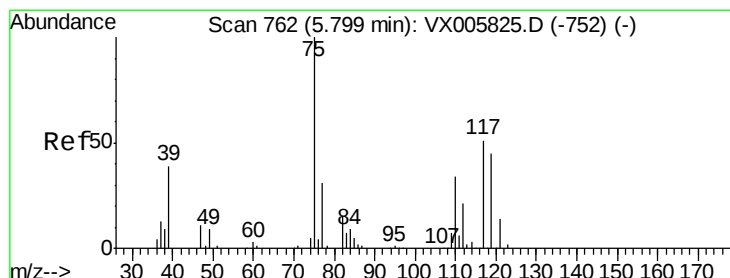
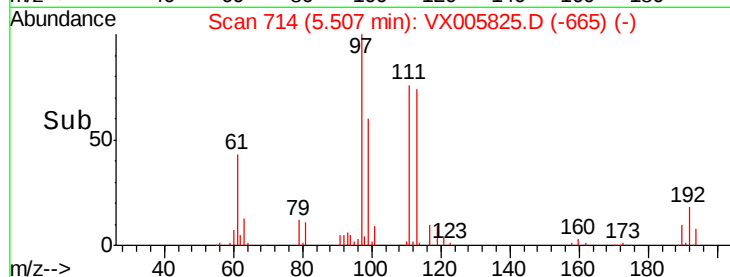
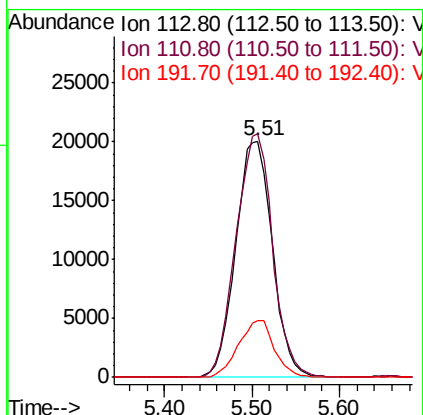
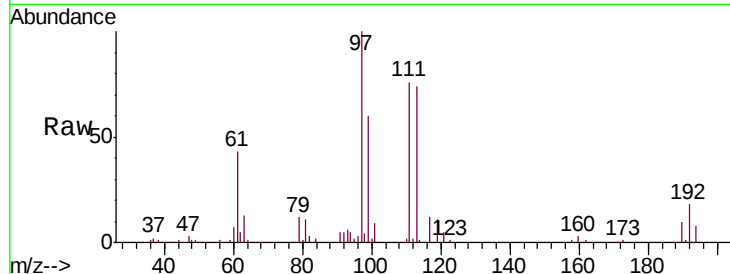




#35
Dibromofluoromethane
Concen: 51.978 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

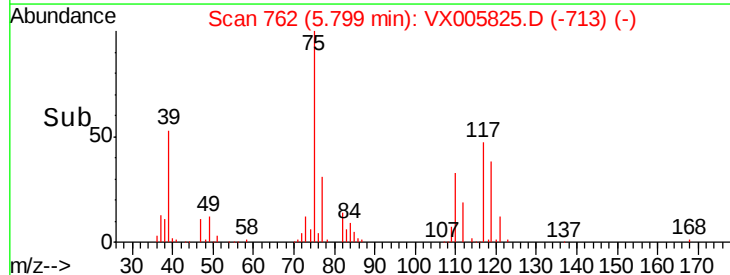
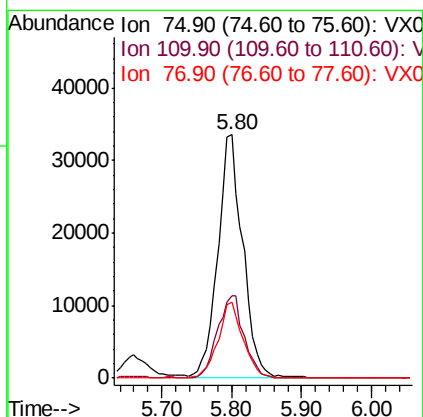
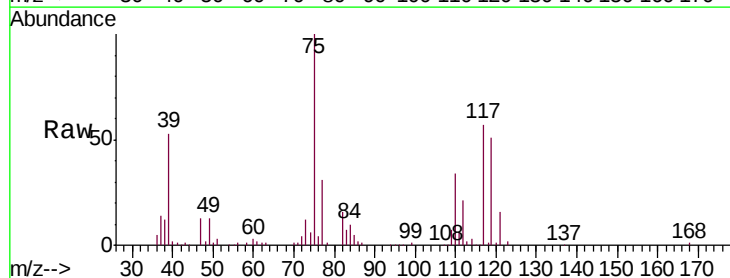
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

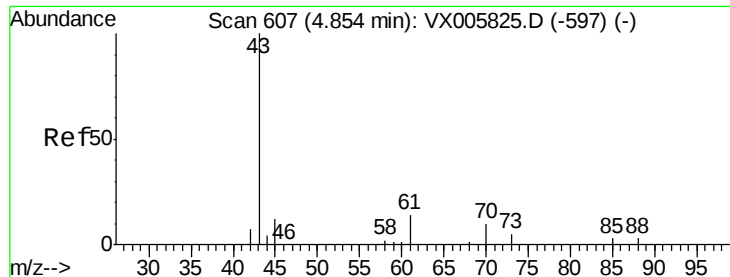
Tgt Ion:113 Resp: 58514
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 23.5 17.9 26.9



#36
1,1-Dichloropropene
Concen: 51.742 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 75 Resp: 82558
Ion Ratio Lower Upper
75 100
110 36.2 17.4 52.2
77 31.5 25.8 38.6

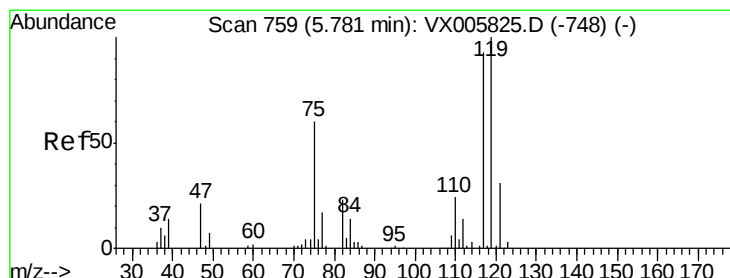
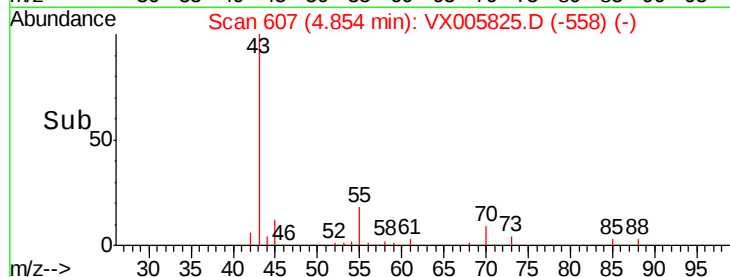
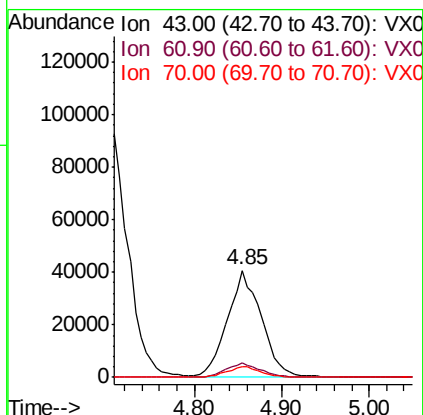
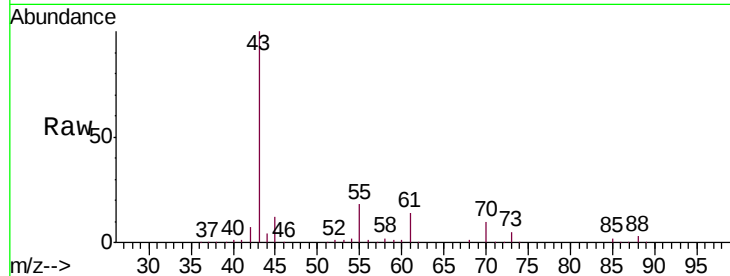




#37
Ethyl Acetate
Concen: 52.008 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

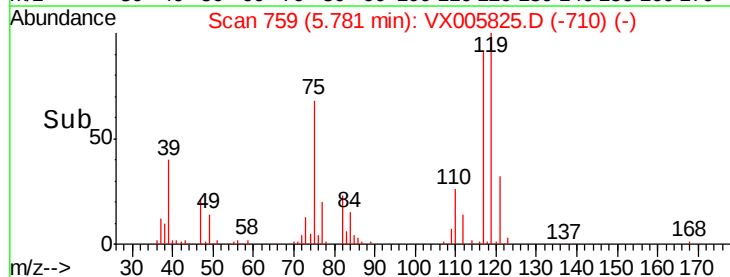
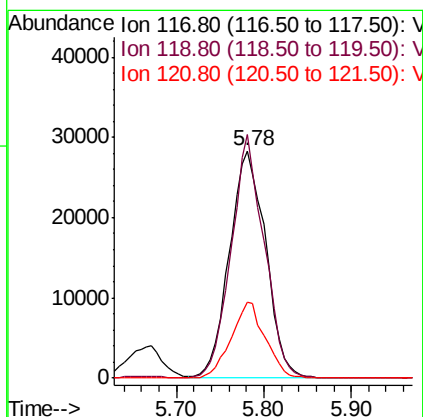
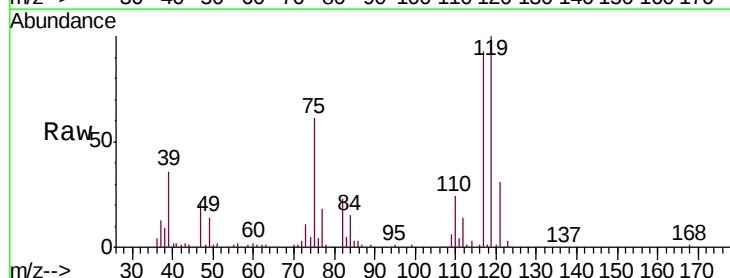
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

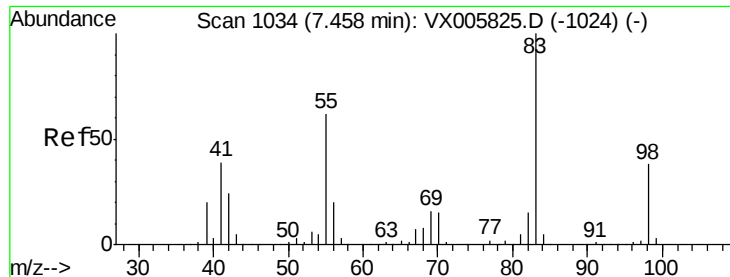
Tgt Ion: 43 Resp: 109124
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.097 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 117 Resp: 81620
Ion Ratio Lower Upper
117 100
119 107.0 78.1 117.1
121 33.7 24.6 36.8

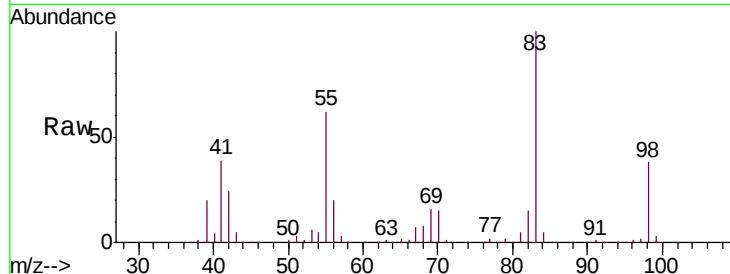




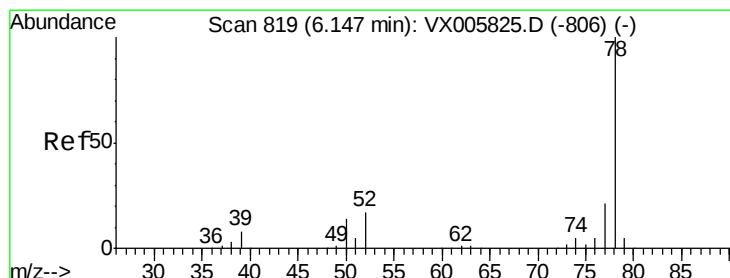
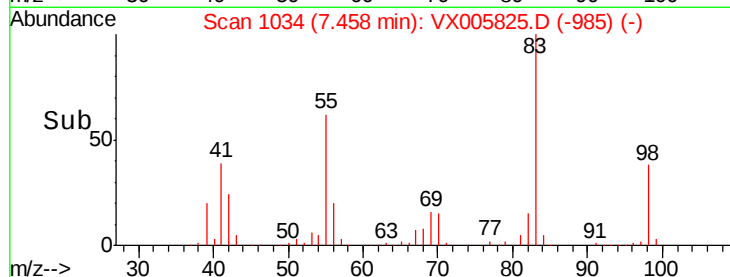
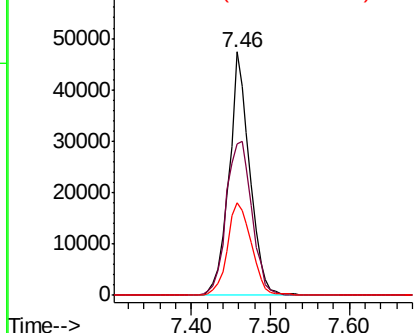
#39
Methylcyclohexane
Concen: 53.270 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 86146
Ion Ratio Lower Upper
83 100
55 62.1 63.7 95.5#
98 38.3 36.2 54.2

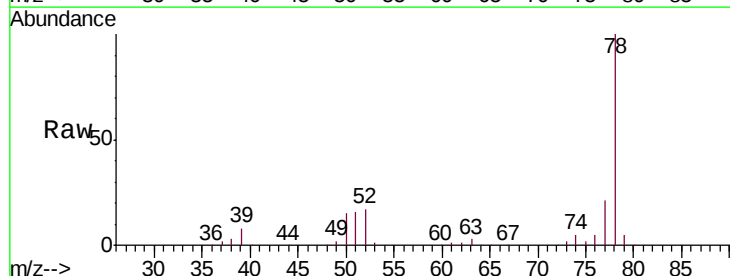


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

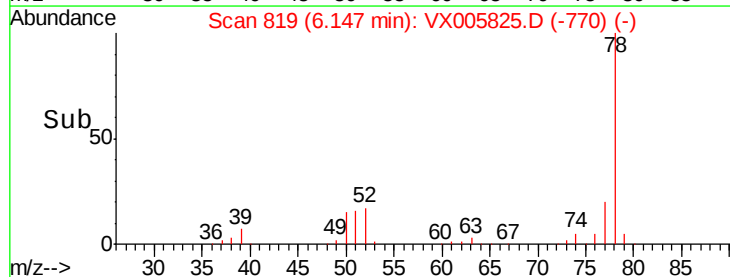
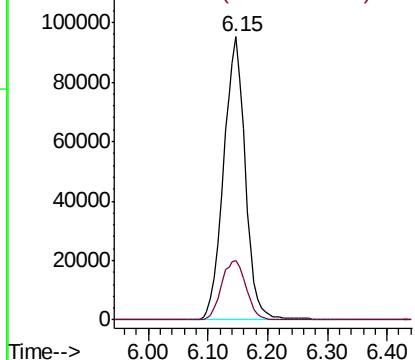


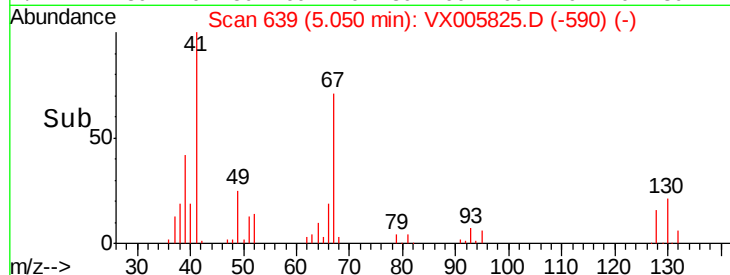
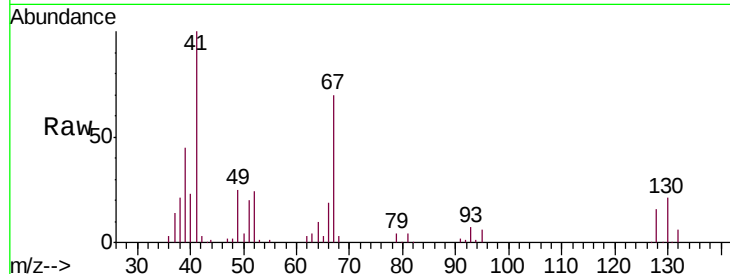
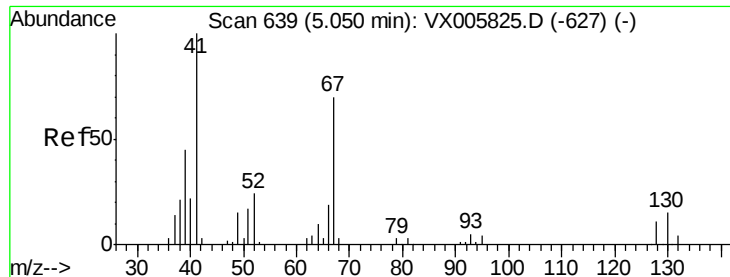
#40
Benzene
Concen: 51.652 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 78 Resp: 240259
Ion Ratio Lower Upper
78 100
77 20.8 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

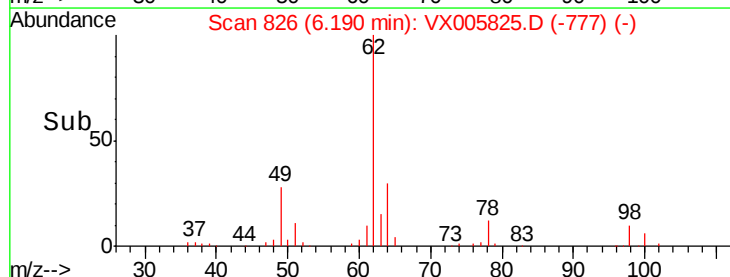
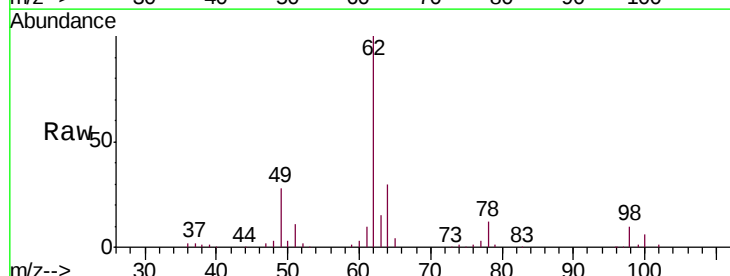
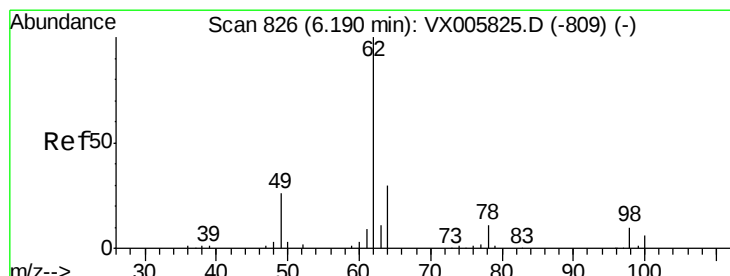
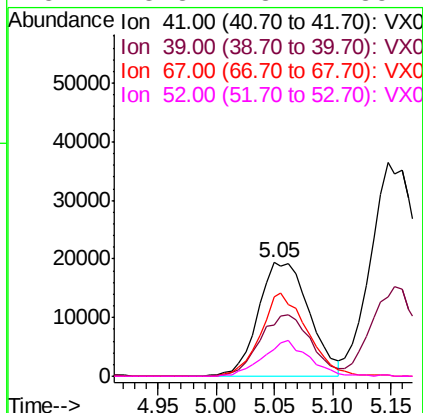




#41
Methacrylonitrile
Concen: 52.148 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

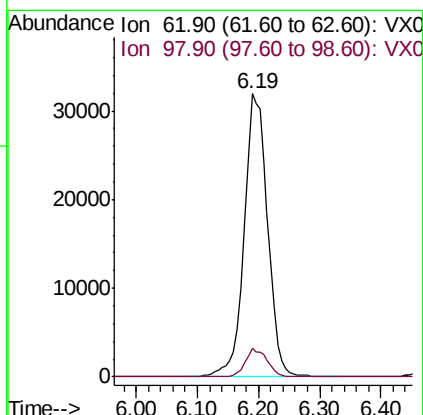
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	59124
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.2
67	67.0	53.4	80.0
52	28.3	23.4	35.2



#42
1,2-Dichloroethane
Concen: 51.089 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion:	62	Resp:	85116
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8





#43

Isopropyl Acetate

Concen: 53.425 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

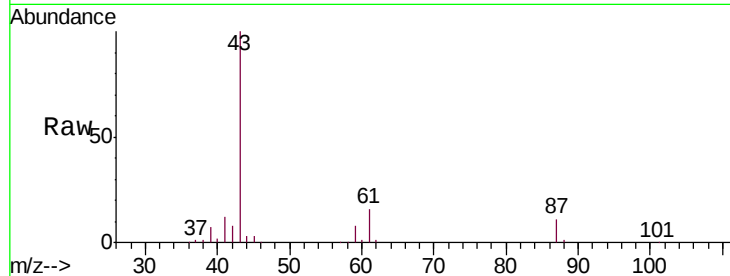
Tgt Ion: 43 Resp: 162432

Ion Ratio Lower Upper

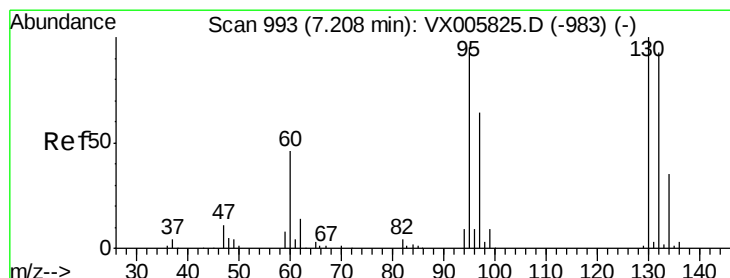
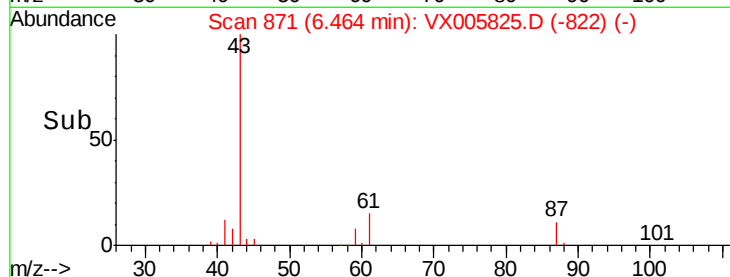
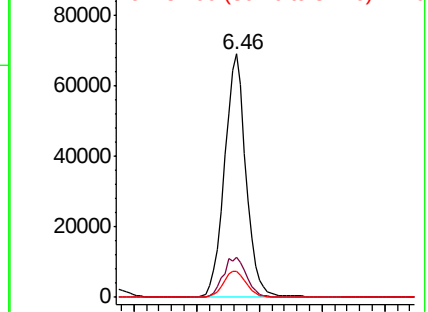
43 100

61 18.1 14.6 22.0

87 11.5 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: 50.087 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX005825.D

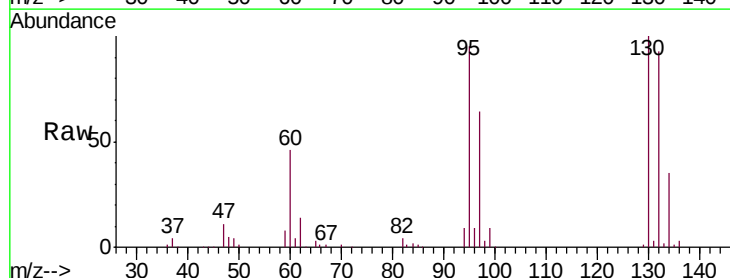
Acq: 07 Nov 2018 13:25

Tgt Ion: 130 Resp: 59166

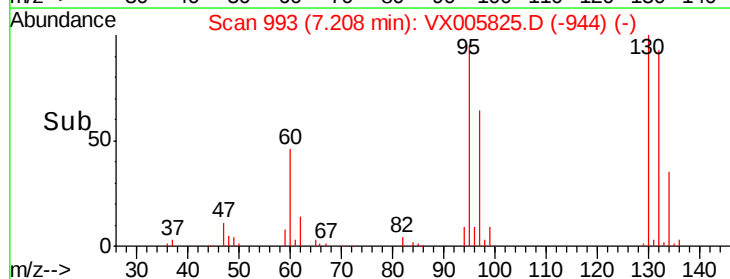
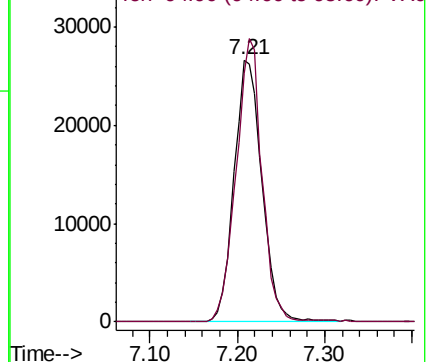
Ion Ratio Lower Upper

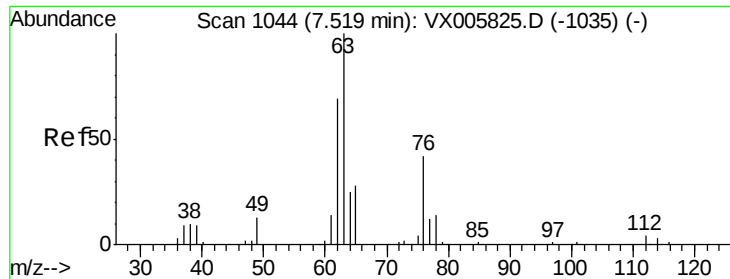
130 100

95 94.9 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: 49.830 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampled :

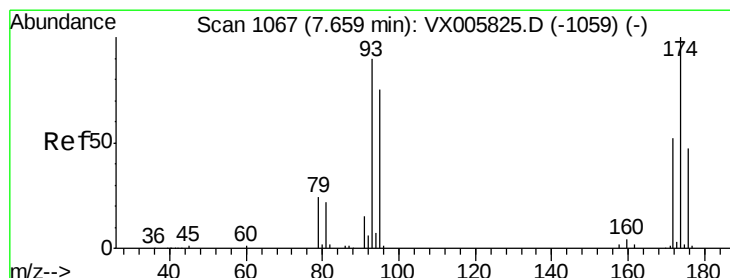
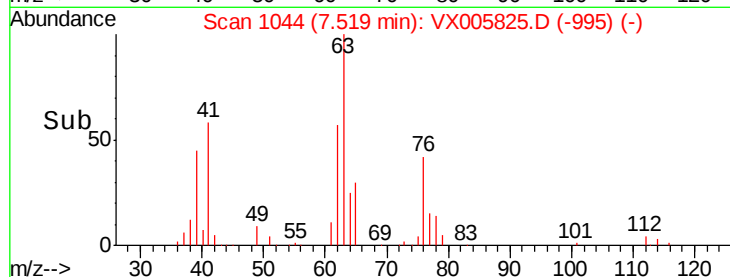
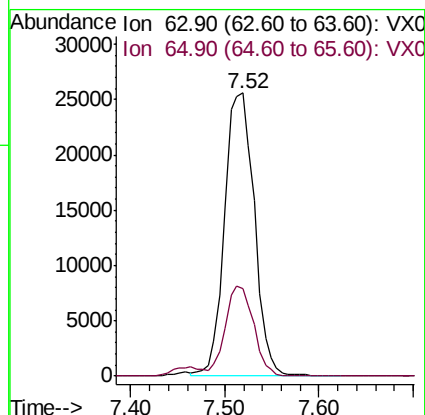
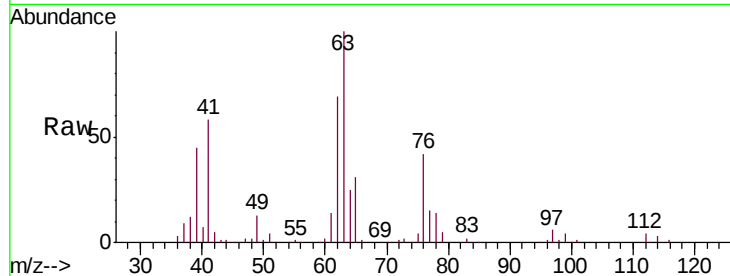
VSTDICCC050

Tgt Ion: 63 Resp: 56258

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



#46

Dibromomethane

Concen: 49.811 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

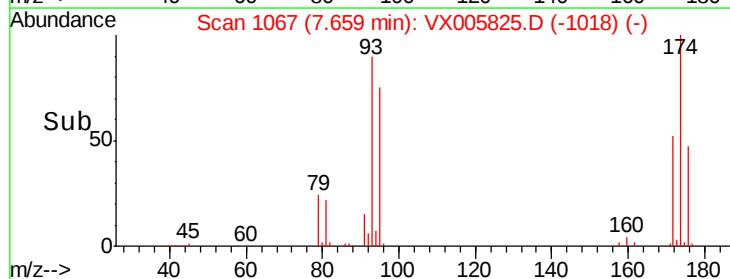
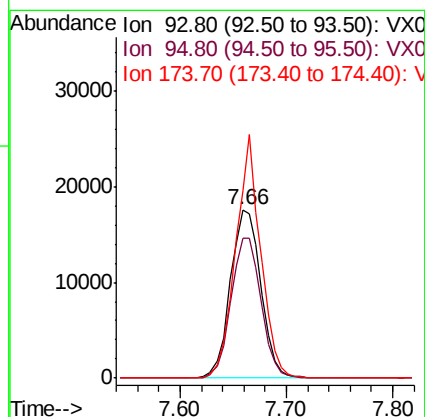
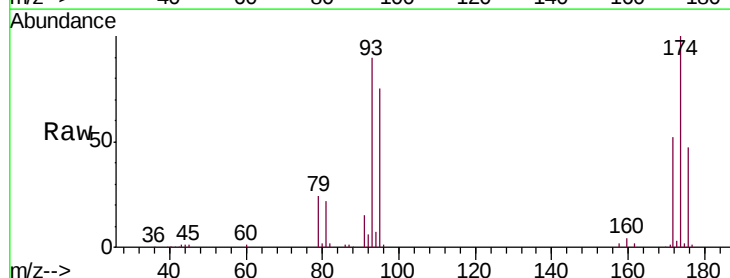
Tgt Ion: 93 Resp: 35289

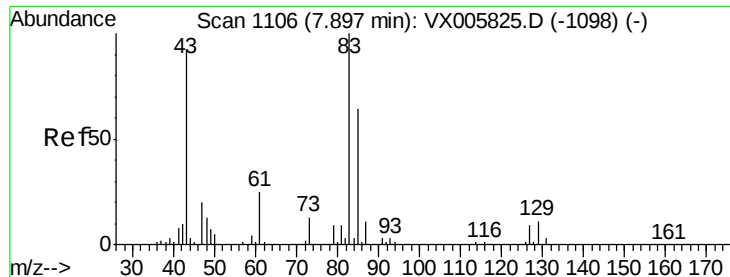
Ion Ratio Lower Upper

93 100

95 82.4 67.4 101.0

174 118.5 91.5 137.3





#47

Bromodichloromethane

Concen: 50.895 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

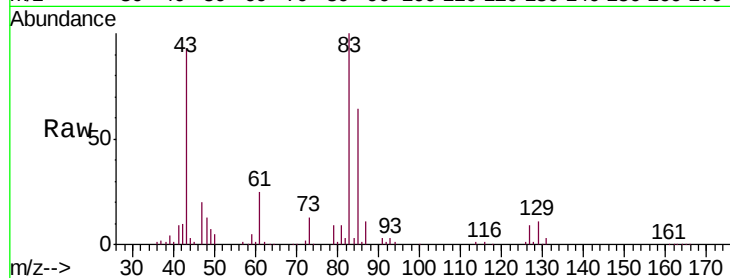
Tgt Ion: 83 Resp: 68143

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4

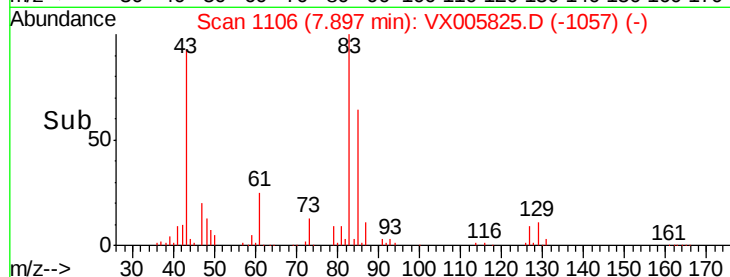
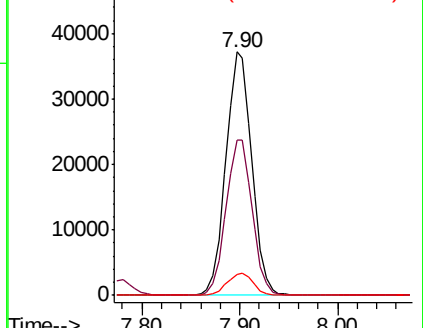
127 8.6 6.9 10.3



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: 52.838 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

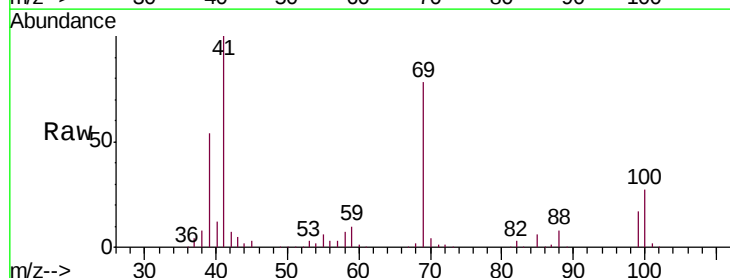
Tgt Ion: 41 Resp: 72134

Ion Ratio Lower Upper

41 100

69 75.7 63.2 94.8

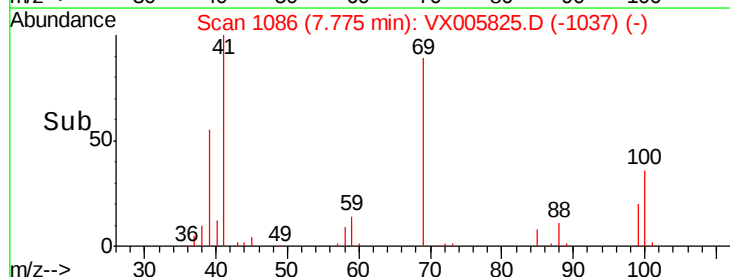
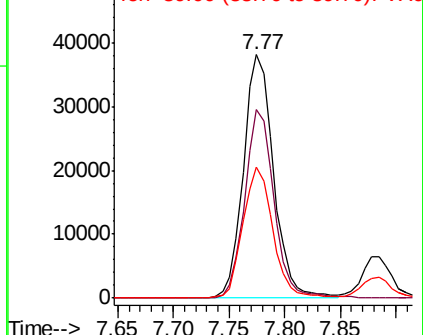
39 53.4 42.2 63.2

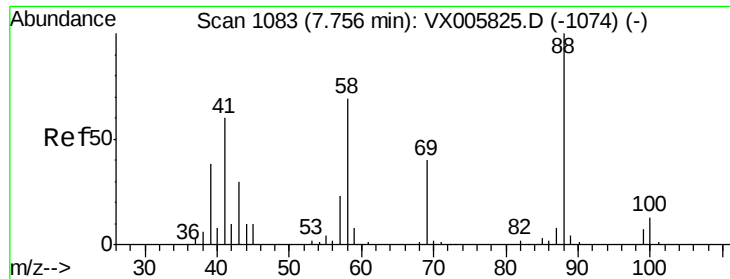


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

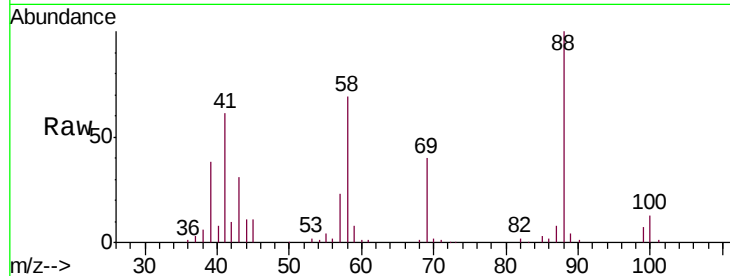




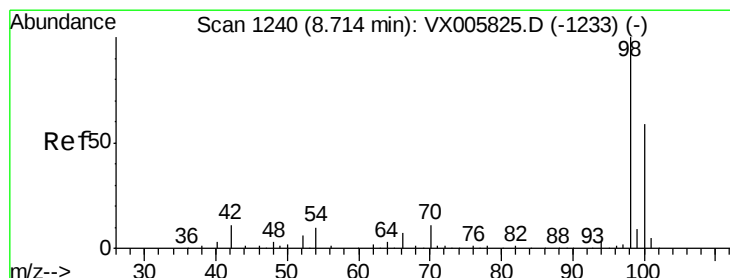
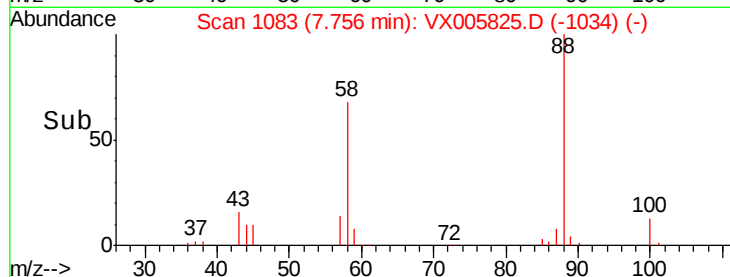
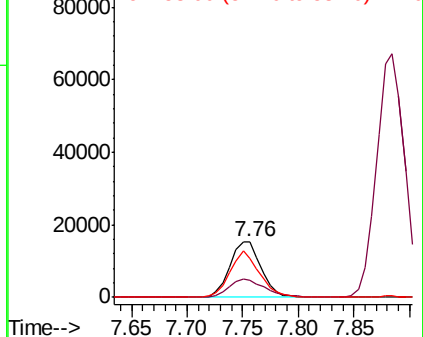
#49
1,4-Dioxane
Concen: 1017.519 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 29933
Ion Ratio Lower Upper
88 100
43 36.0 27.4 41.0
58 77.5 59.4 89.2

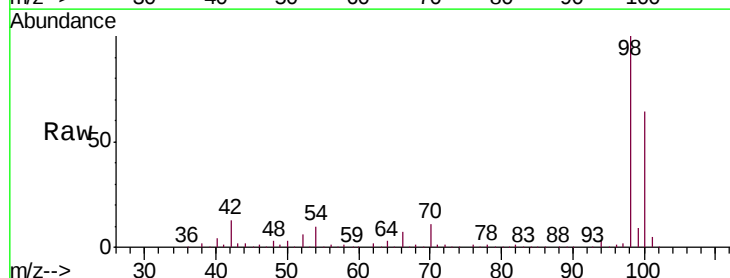


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

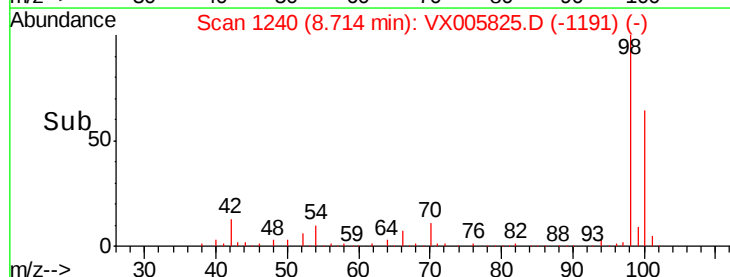
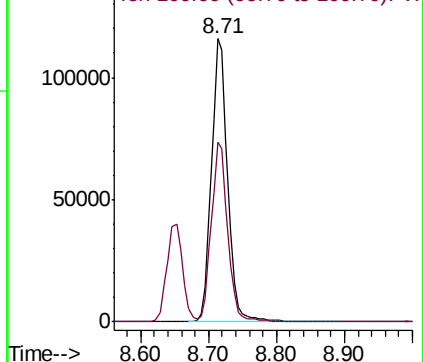


#50
Toluene-d8
Concen: 50.756 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 98 Resp: 189959
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9



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

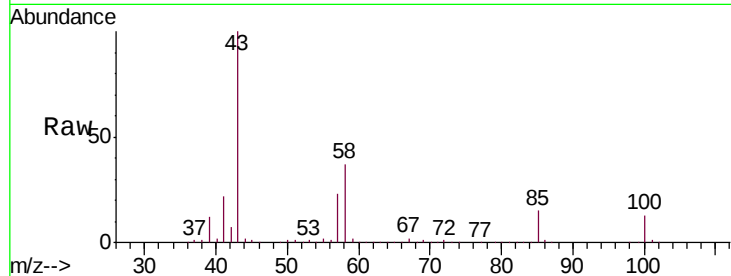




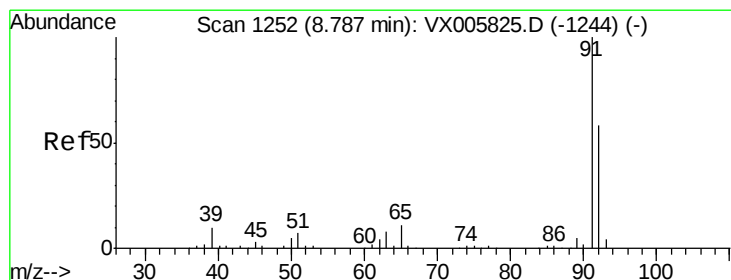
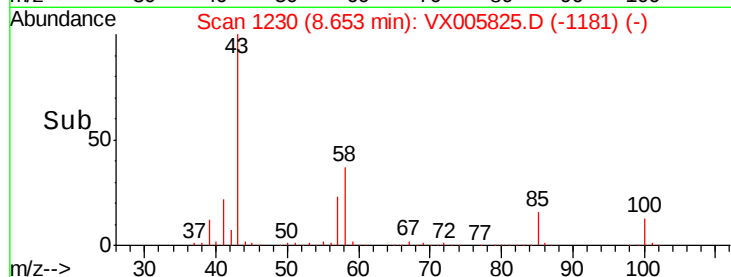
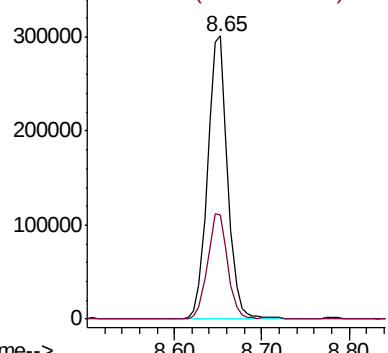
#51
4-Methyl-2-Pentanone
Concen: 251.568 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 482043
Ion Ratio Lower Upper
43 100
58 37.4 29.7 44.5

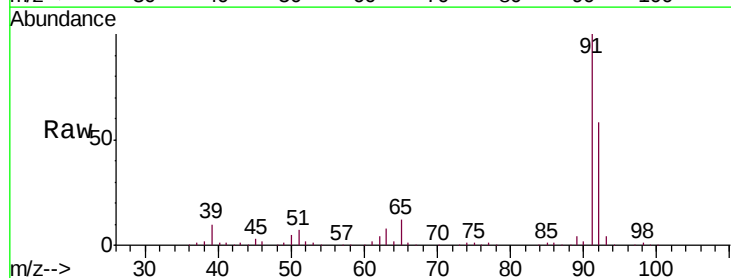


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

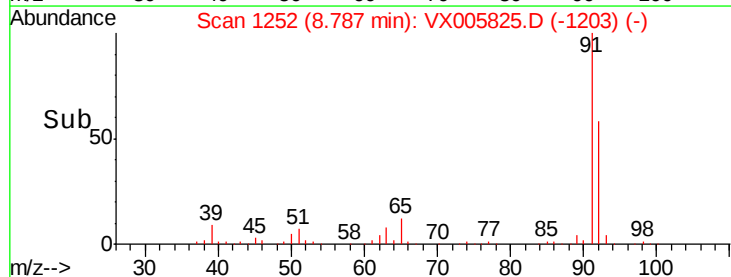
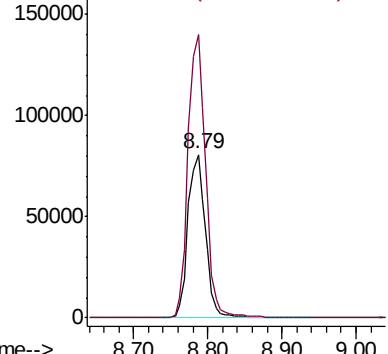


#52
Toluene
Concen: 50.431 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 92 Resp: 131104
Ion Ratio Lower Upper
92 100
91 173.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 55.592 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

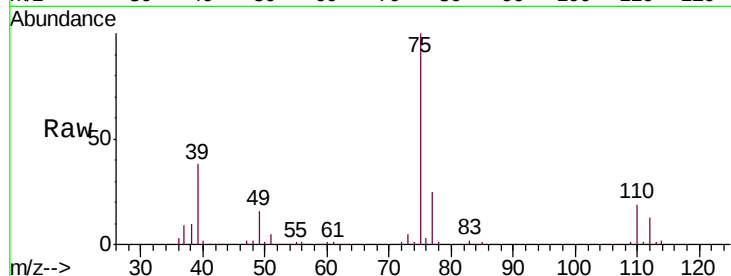
VSTDICCC050

Tgt Ion: 75 Resp: 87837

Ion Ratio Lower Upper

75 100

77 24.8 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

80000

60000

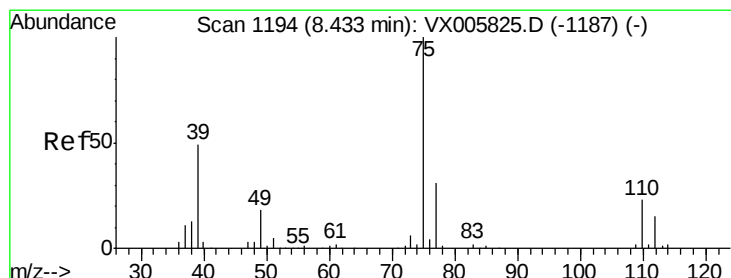
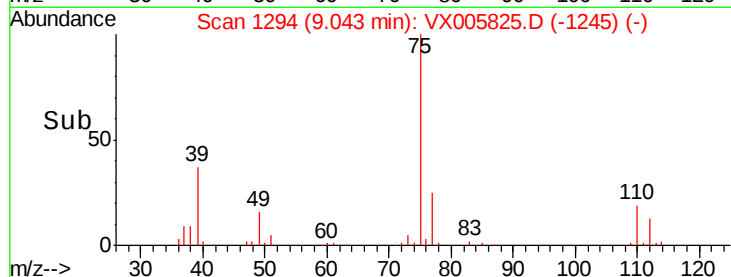
40000

20000

0

9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.420 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

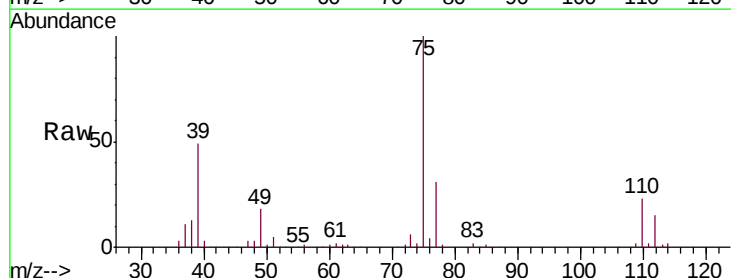
Tgt Ion: 75 Resp: 82808

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 49.4 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

60000

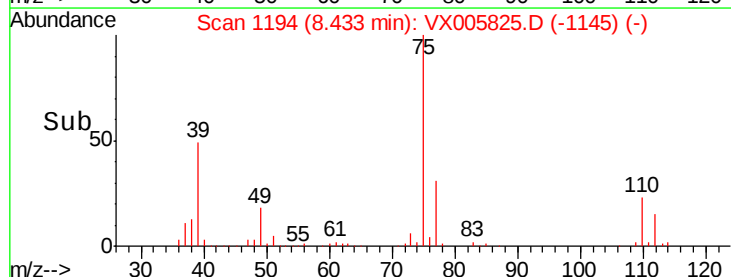
40000

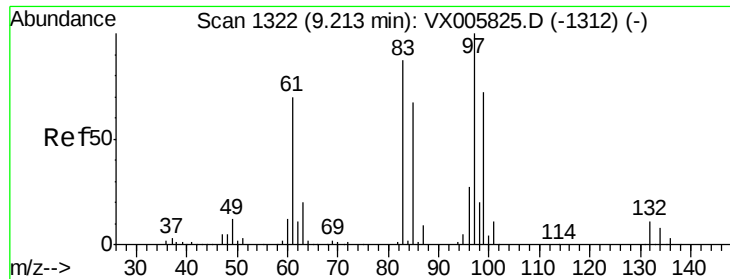
20000

0

8.40 8.50

Time-->

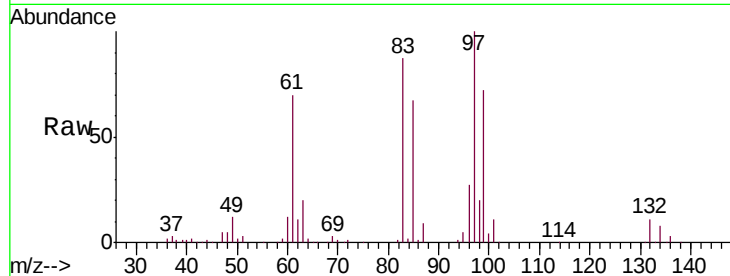




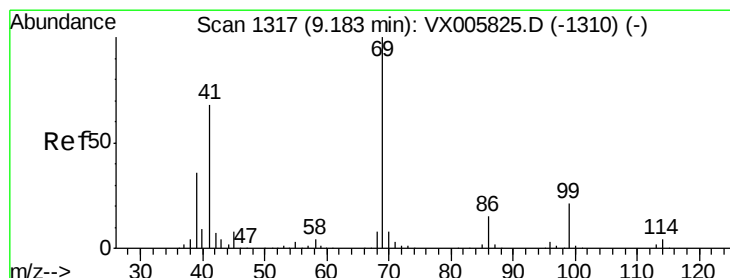
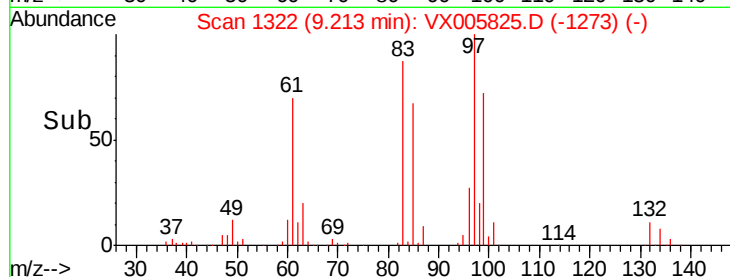
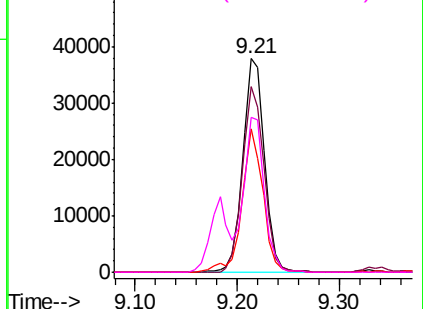
#55
 1,1,2-Trichloroethane
 Concen: 48.116 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	55747
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.7	106.1
85	67.3	45.8	68.6
99	72.3	51.8	77.8

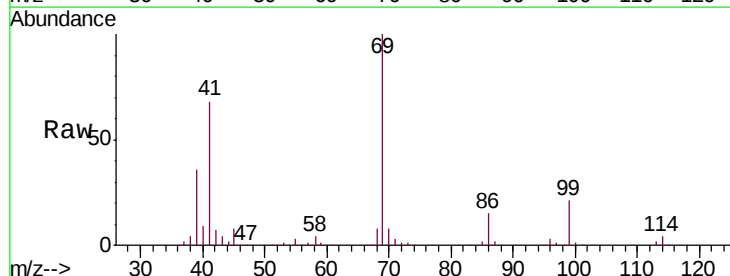


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

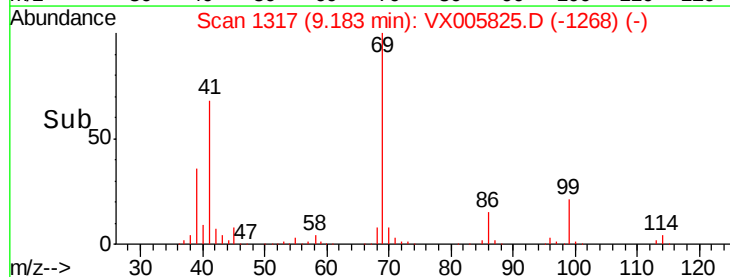
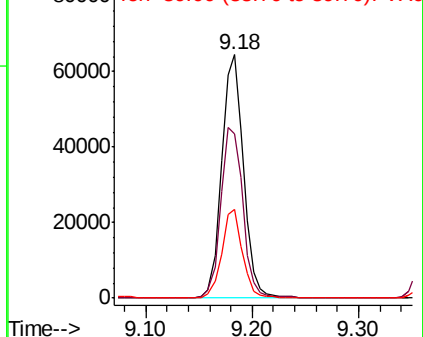


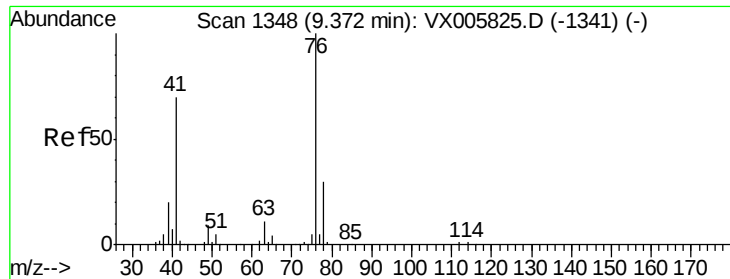
#56
 Ethyl methacrylate
 Concen: 53.226 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion:	69	Resp:	92270
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.0	85.6
39	34.6	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

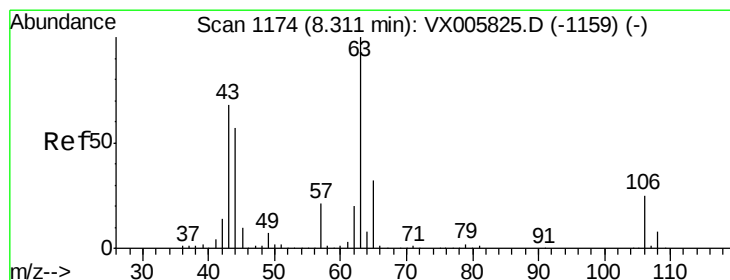
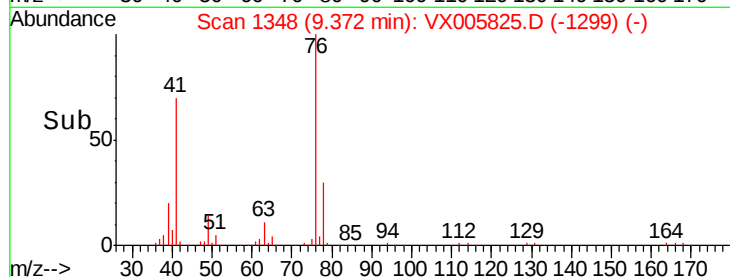
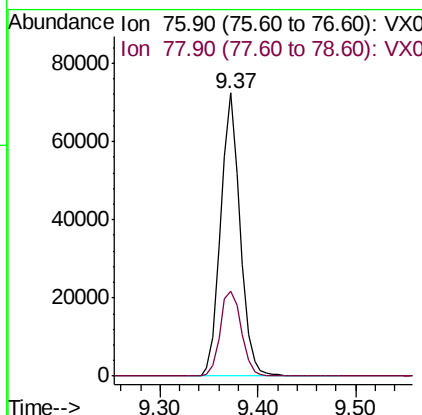
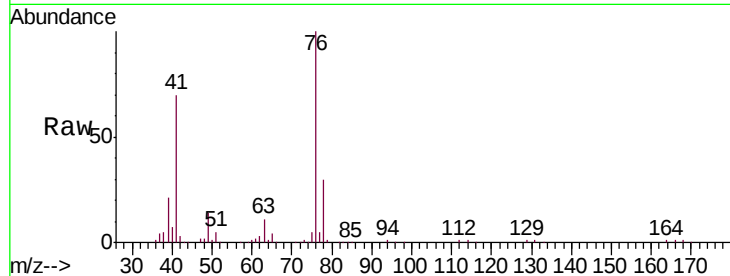




#57
 1,3-Dichloropropane
 Concen: 51.370 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

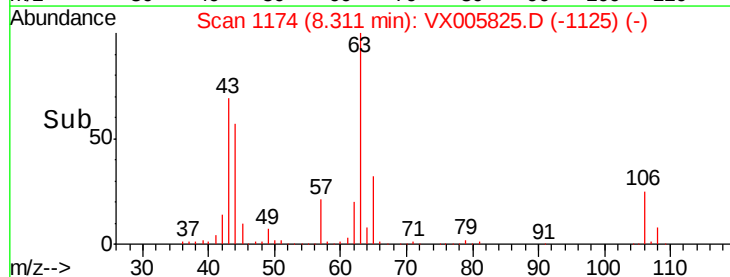
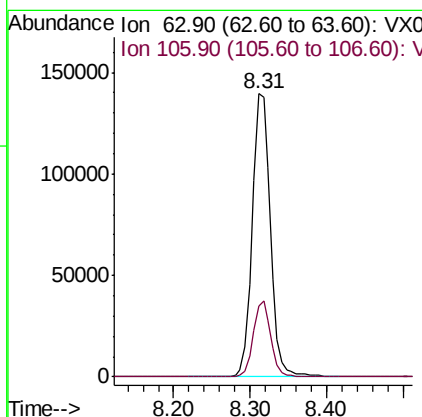
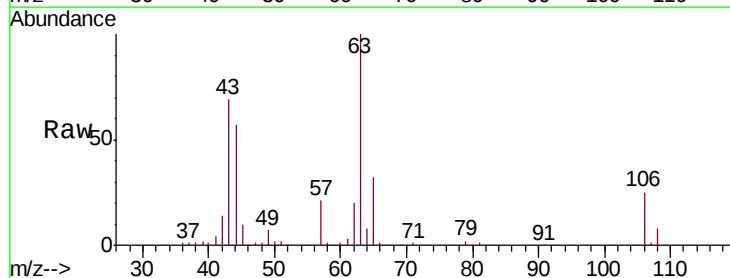
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

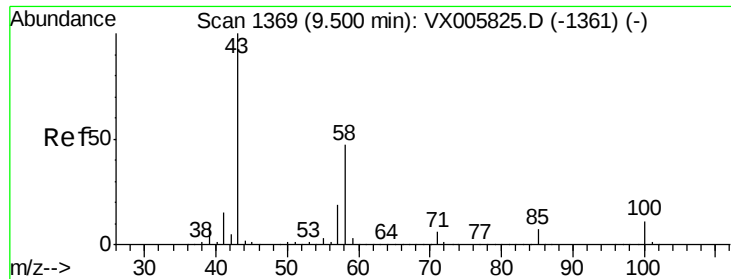
Tgt Ion: 76 Resp: 100019
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.655 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion: 63 Resp: 230935
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.3 31.9

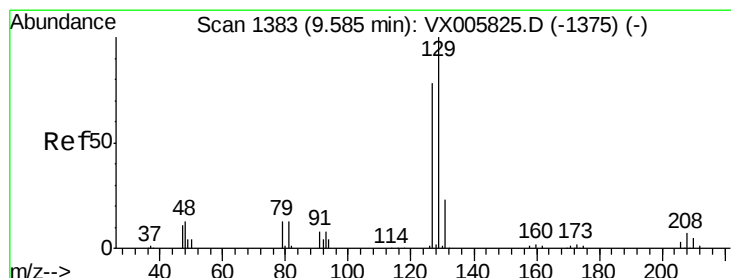
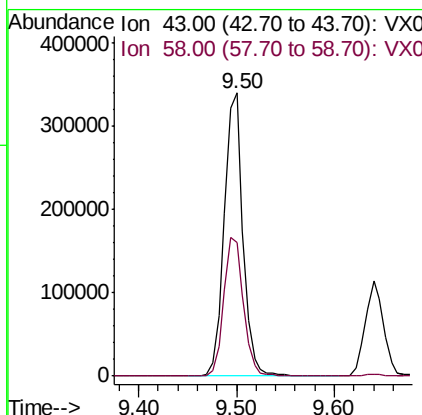
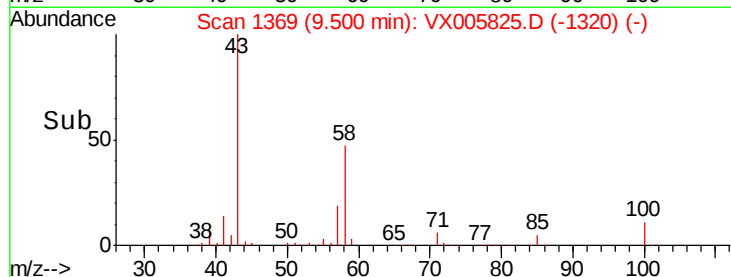
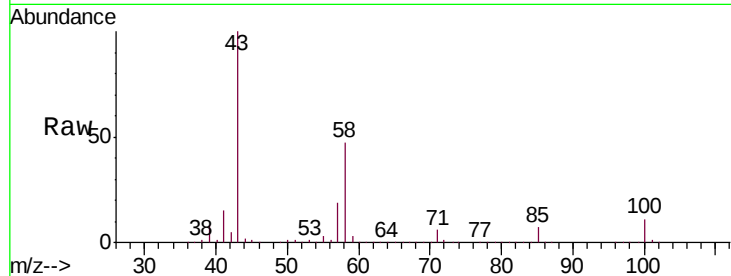




#59
 2-Hexanone
 Concen: 267.731 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

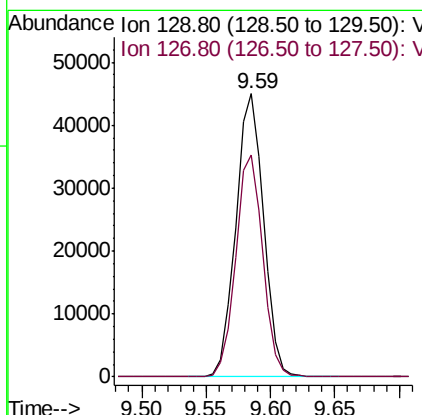
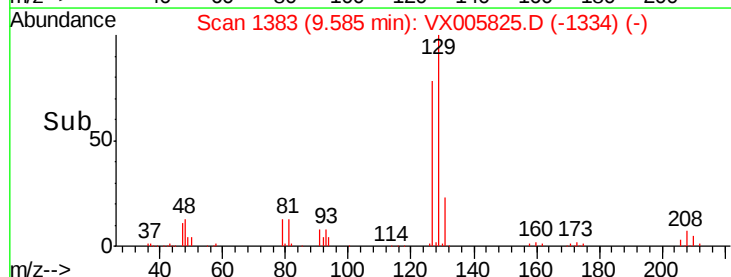
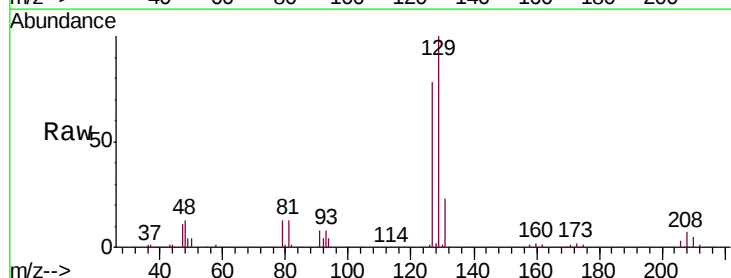
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

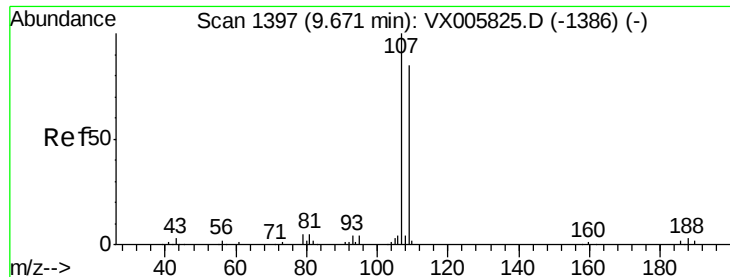
Tgt Ion: 43 Resp: 452198
 Ion Ratio Lower Upper
 43 100
 58 51.7 25.9 77.8



#60
 Dibromochloromethane
 Concen: 53.608 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion: 129 Resp: 67125
 Ion Ratio Lower Upper
 129 100
 127 76.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.923 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

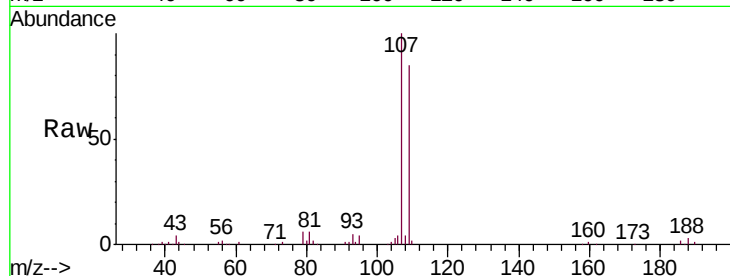
VSTDICCC050

Tgt Ion: 107 Resp: 65240

Ion Ratio Lower Upper

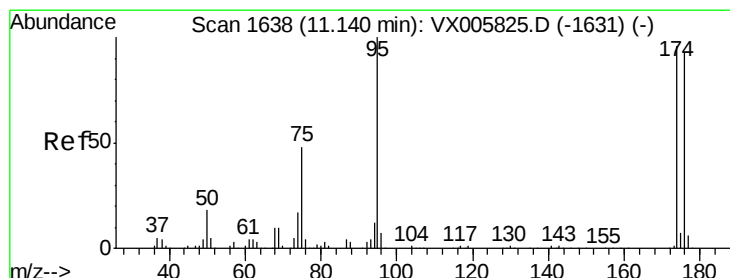
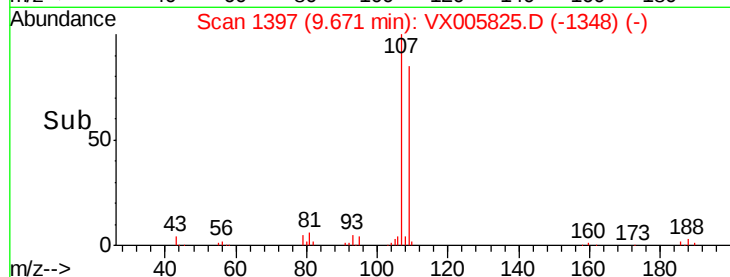
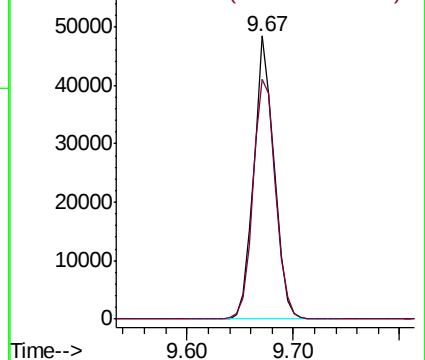
107 100

109 93.7 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: 51.468 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

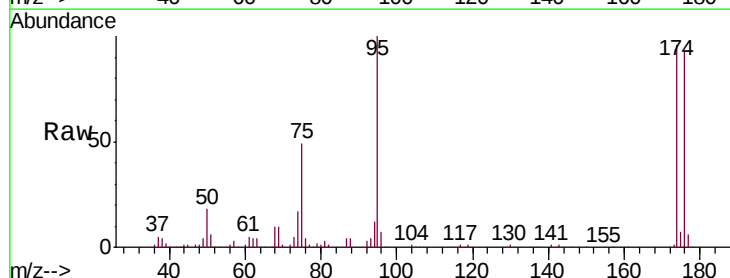
Tgt Ion: 95 Resp: 69256

Ion Ratio Lower Upper

95 100

174 92.0 0.0 184.4

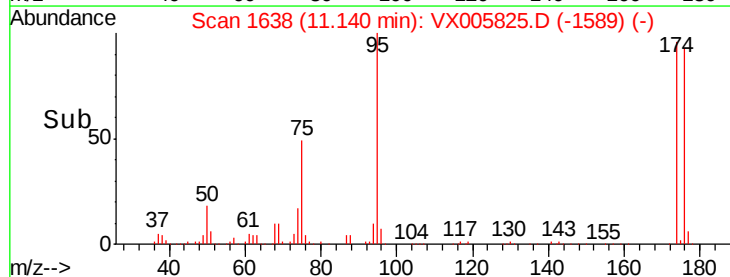
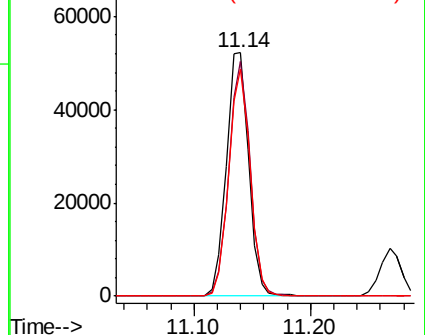
176 89.7 0.0 177.4



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

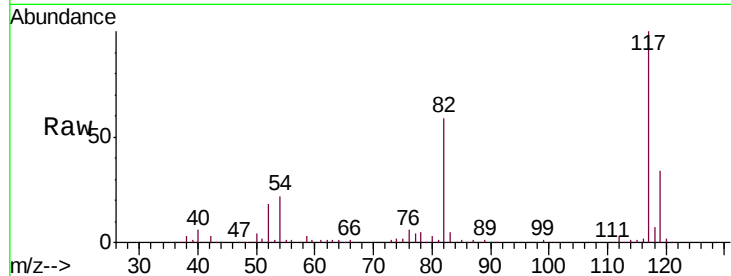




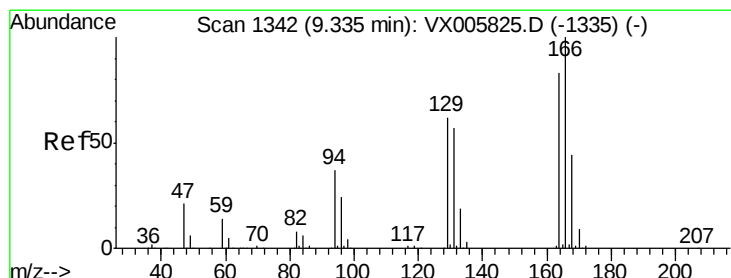
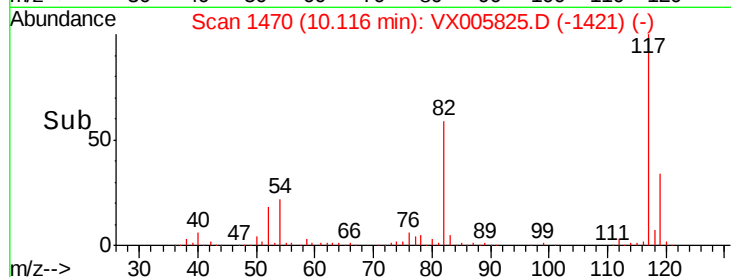
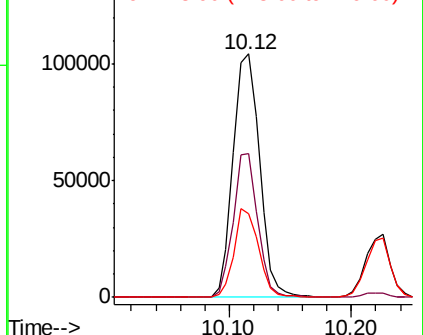
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion:117 Resp: 156230
Ion Ratio Lower Upper
117 100
82 59.2 44.1 66.1
119 34.2 26.2 39.2

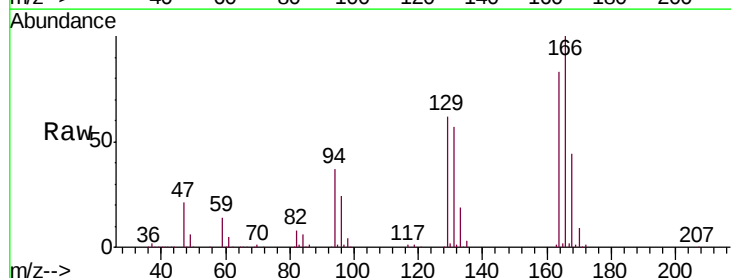


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

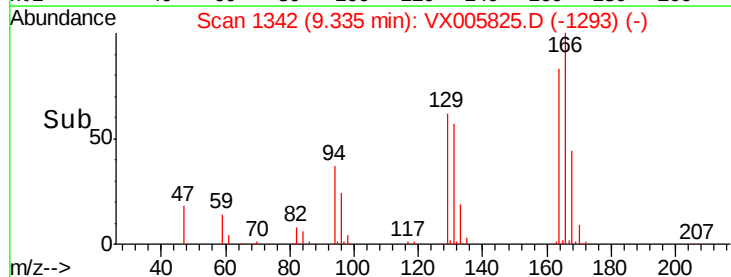
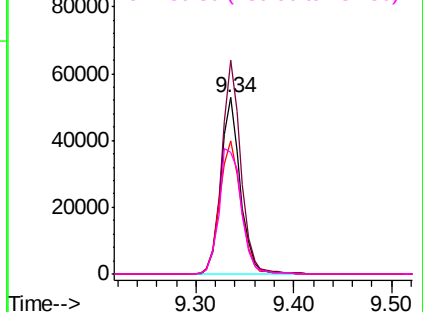


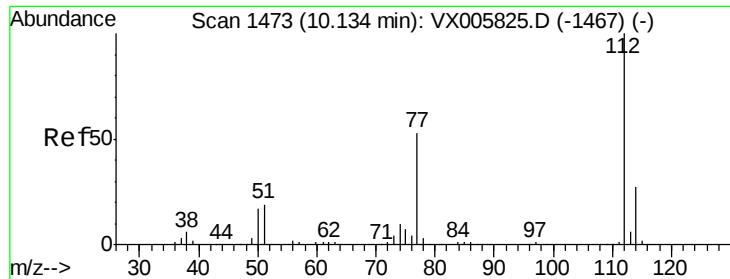
#64
Tetrachloroethene
Concen: 54.620 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion:164 Resp: 72652
Ion Ratio Lower Upper
164 100
166 121.2 101.9 152.9
129 75.2 72.6 109.0
131 68.9 71.1 106.7#



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





#65

Chlorobenzene

Concen: 52.242 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

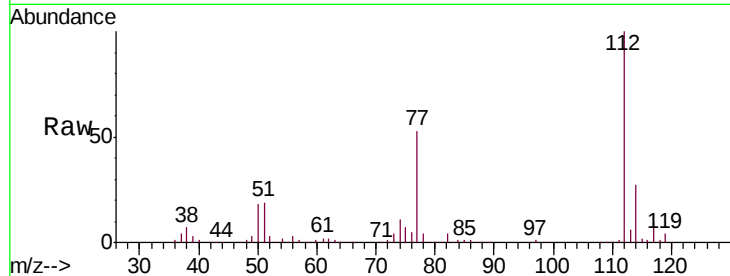
VSTDICCC050

Tgt Ion:112 Resp: 163505

Ion Ratio Lower Upper

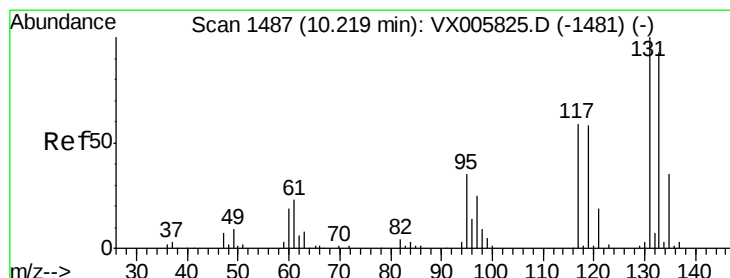
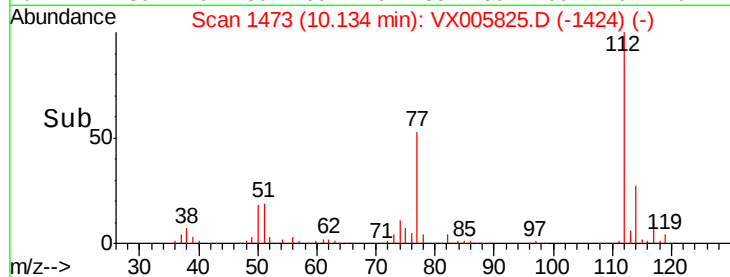
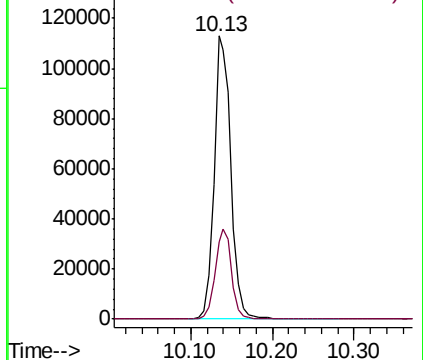
112 100

114 27.1 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: 49.956 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

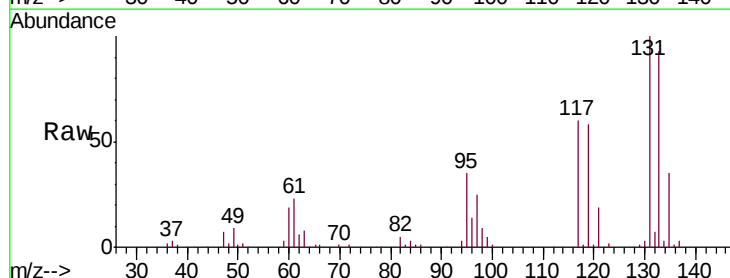
Tgt Ion:131 Resp: 54357

Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.5

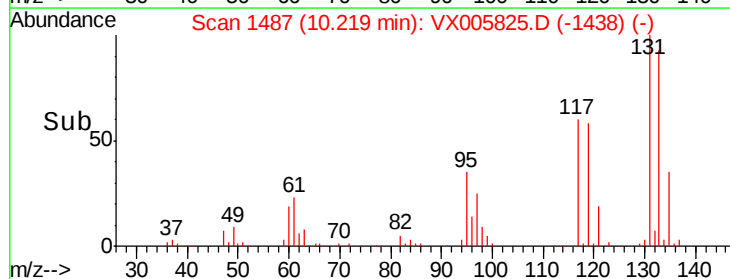
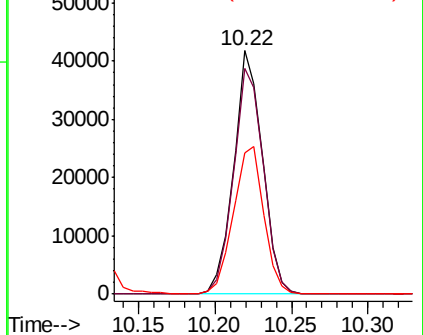
119 64.3 31.8 95.3

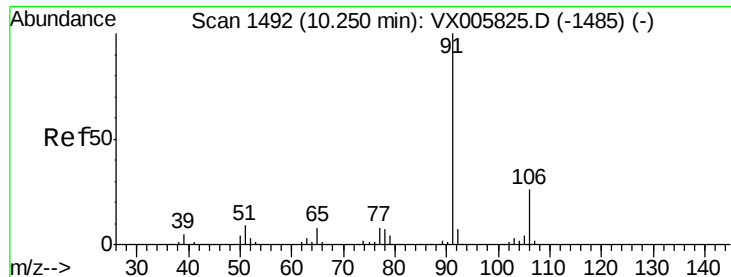


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.848 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

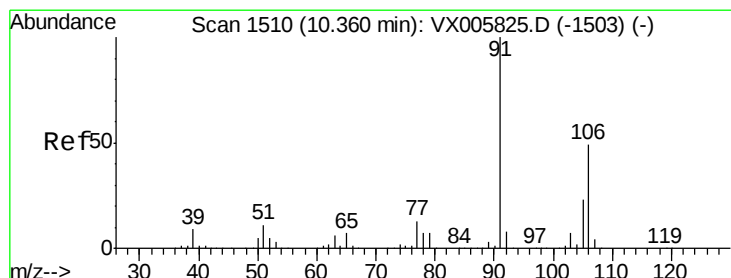
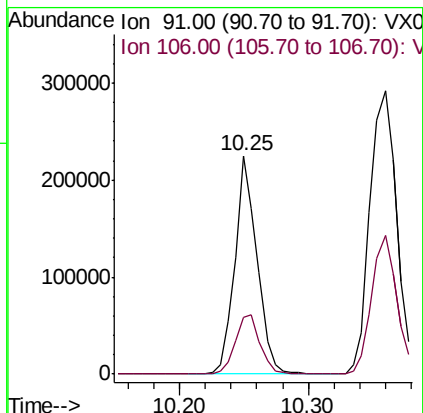
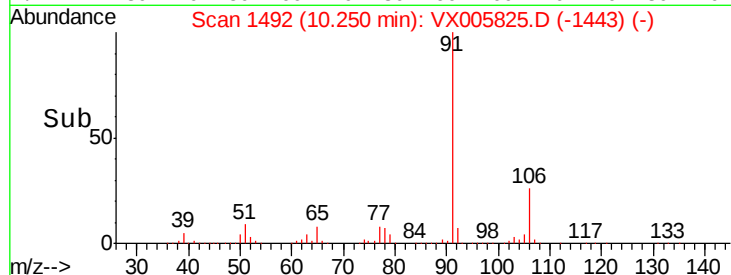
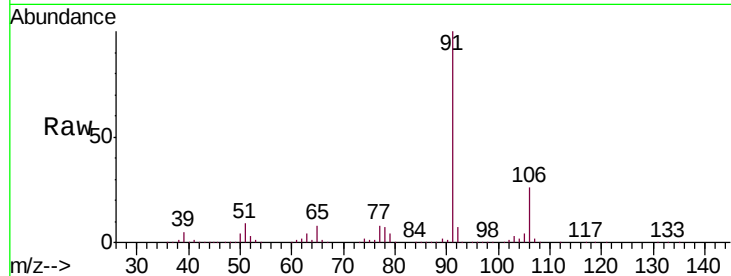
VSTDICCC050

Tgt Ion: 91 Resp: 270247

Ion Ratio Lower Upper

91 100

106 26.1 24.4 36.6



#68

m/p-Xylenes

Concen: 101.007 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005825.D

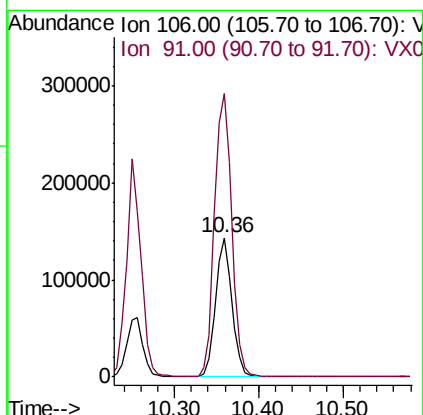
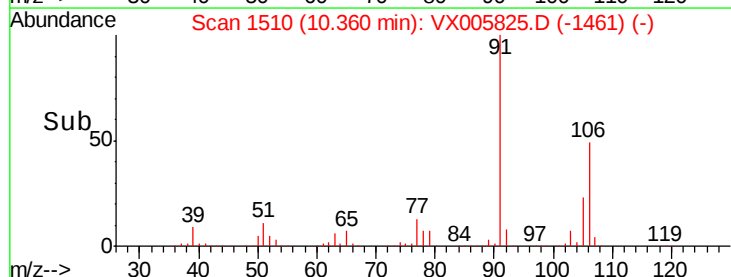
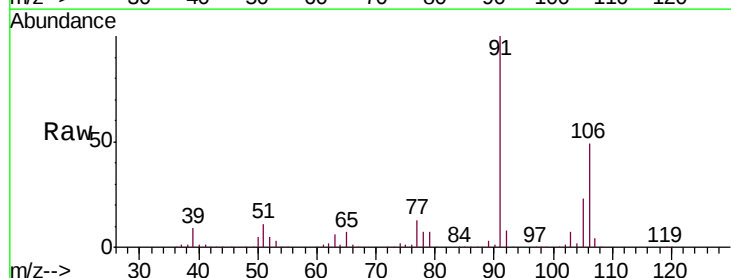
Acq: 07 Nov 2018 13:25

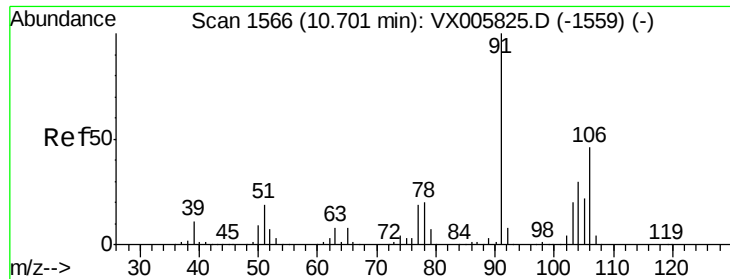
Tgt Ion: 106 Resp: 193359

Ion Ratio Lower Upper

106 100

91 216.4 164.2 246.4

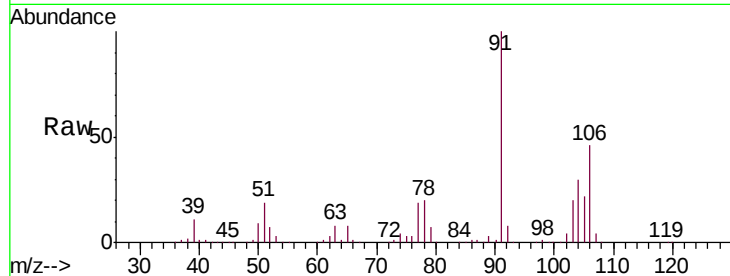




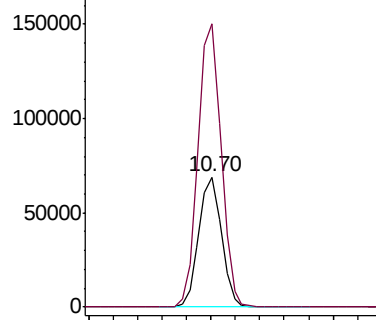
#69
o-Xylene
Concen: 51.941 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

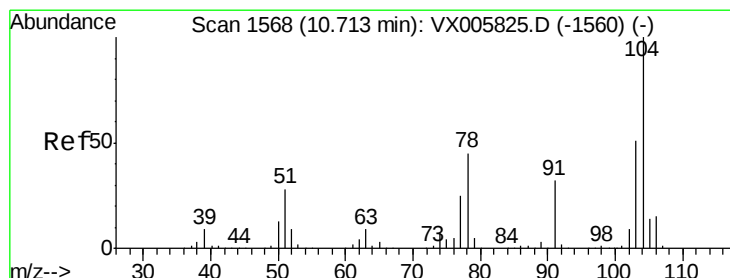
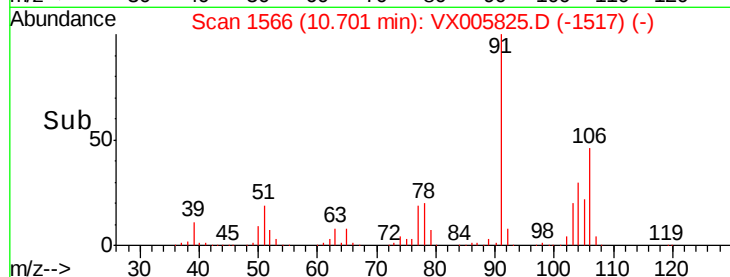
Tgt Ion:106 Resp: 89160
Ion Ratio Lower Upper
106 100
91 220.4 108.5 325.5



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

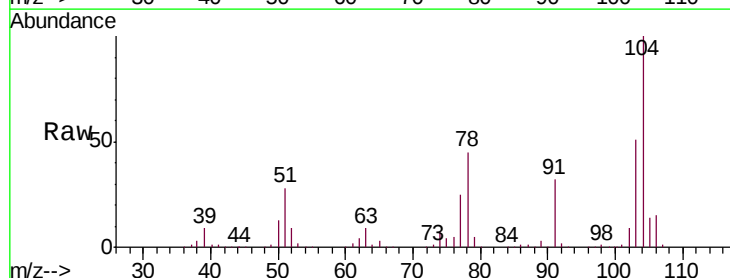


Time--> 10.60 10.70 10.80

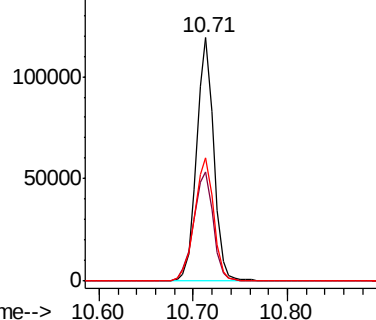


#70
Styrene
Concen: 53.258 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

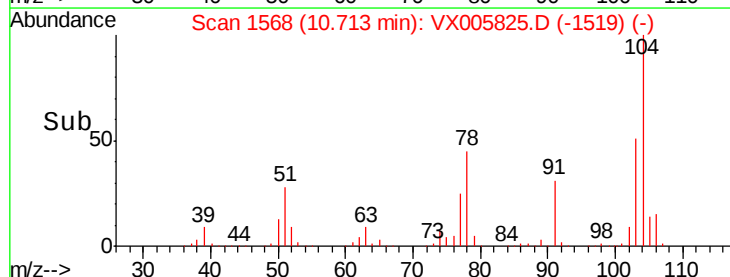
Tgt Ion:104 Resp: 150810
Ion Ratio Lower Upper
104 100
78 51.3 40.2 60.4
103 56.5 44.9 67.3



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



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 50.357 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

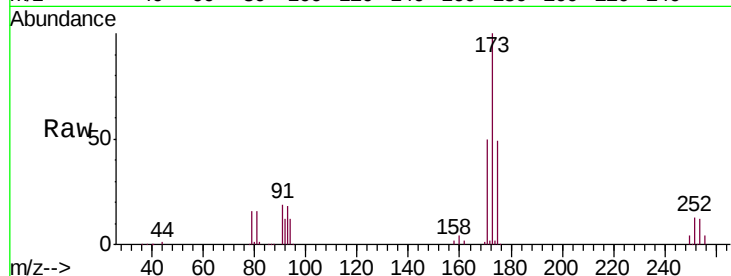
Tgt Ion:173 Resp: 45932

Ion Ratio Lower Upper

173 100

175 49.4 24.8 74.3

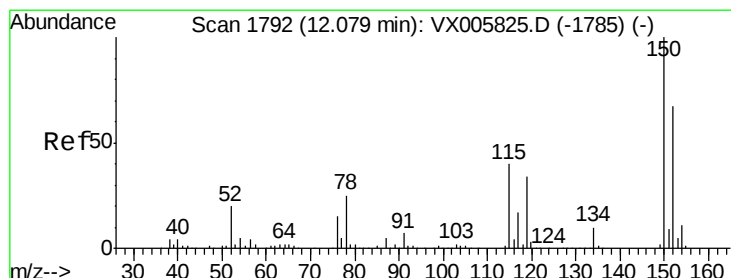
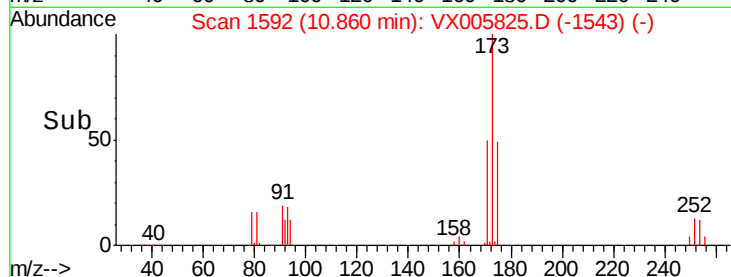
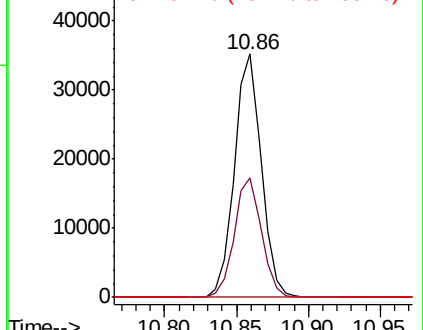
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

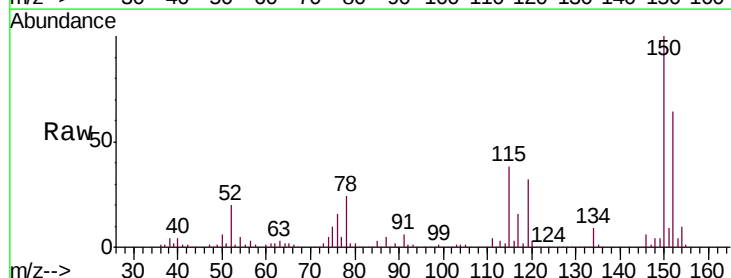
Tgt Ion:152 Resp: 78858

Ion Ratio Lower Upper

152 100

115 78.4 39.4 118.1

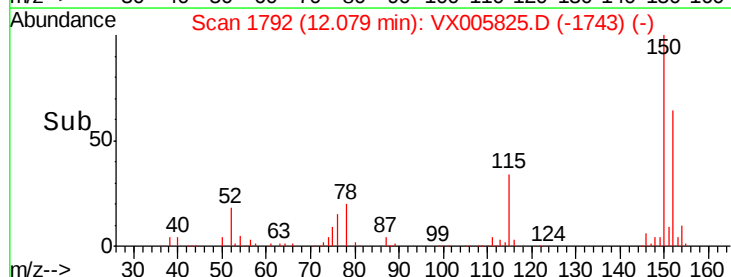
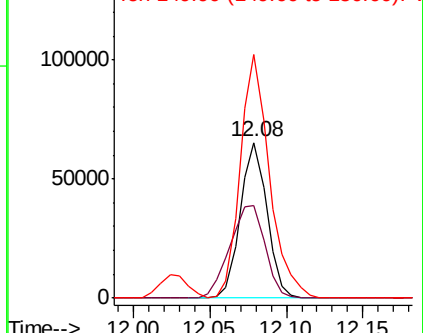
150 171.4 0.0 346.4

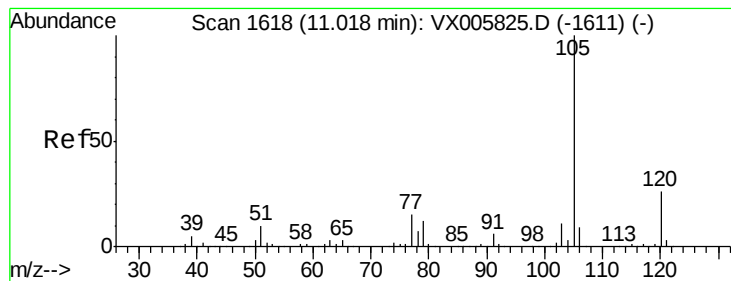


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.255 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

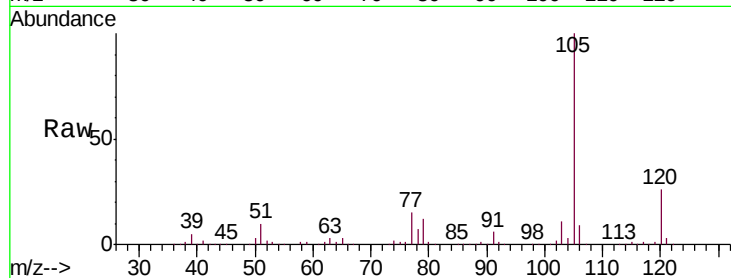
VSTDICCC050

Tgt Ion: 105 Resp: 247416

Ion Ratio Lower Upper

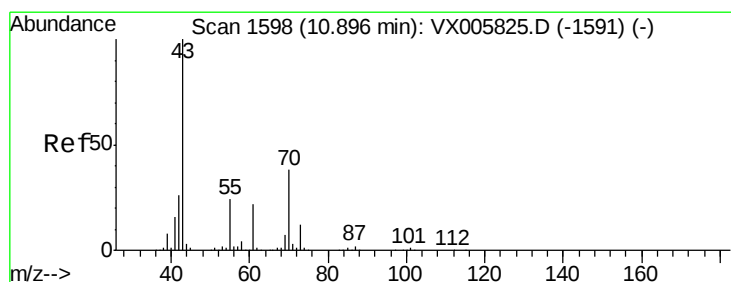
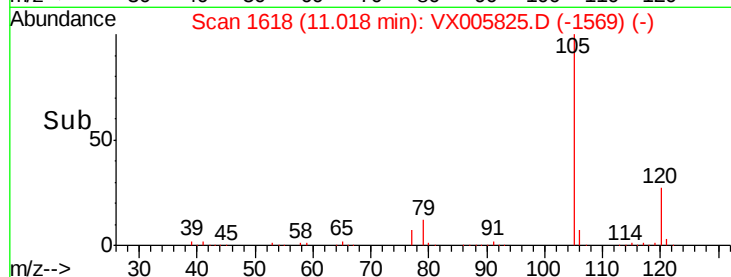
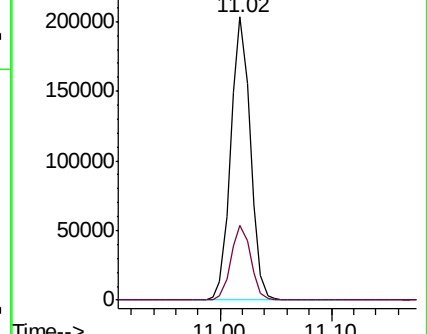
105 100

120 26.6 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: 48.316 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Tgt Ion: 43 Resp: 123518

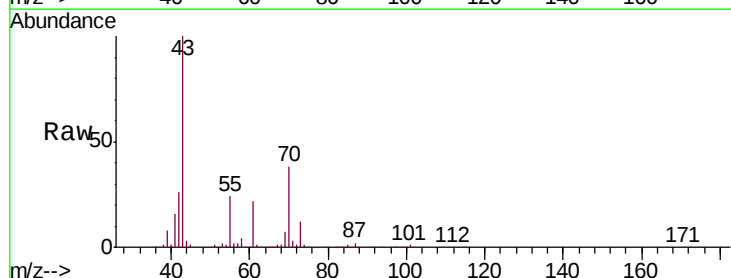
Ion Ratio Lower Upper

43 100

70 39.3 31.6 47.4

55 24.8 19.7 29.5

61 23.0 18.3 27.5

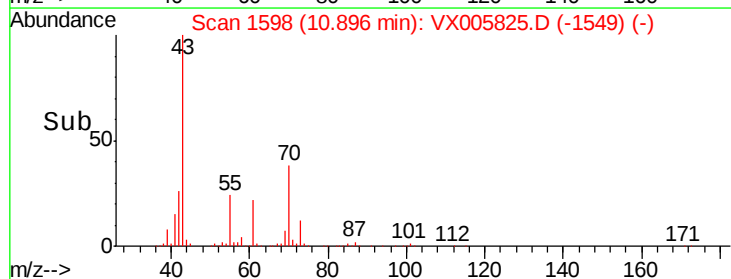
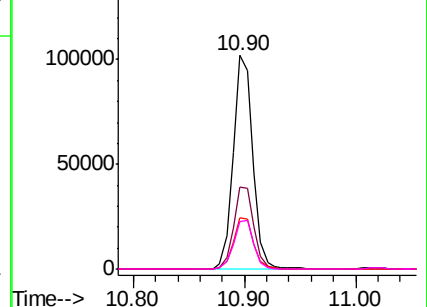


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.413 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

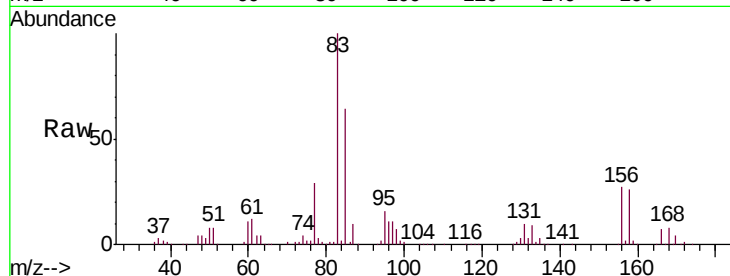
Tgt Ion: 83 Resp: 84383

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

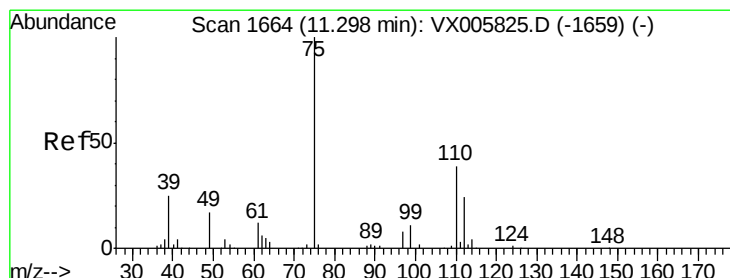
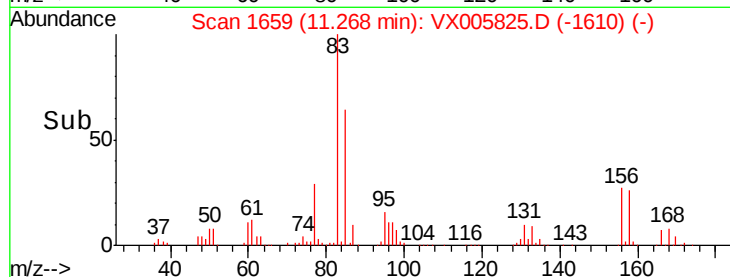
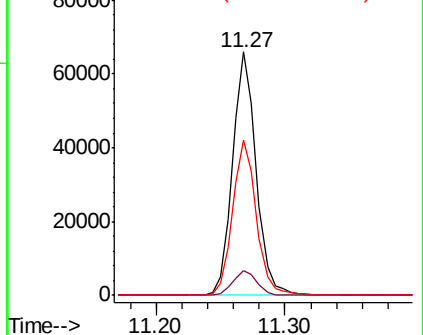
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.635 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005825.D

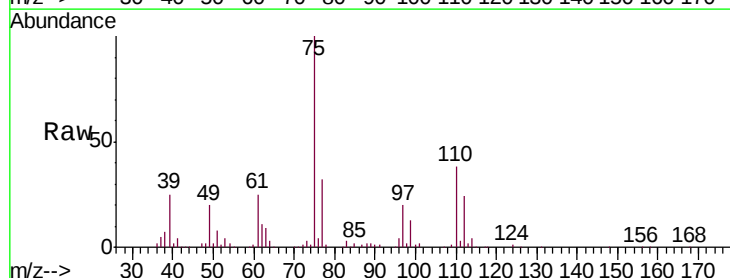
Acq: 07 Nov 2018 13:25

Tgt Ion: 75 Resp: 103786

Ion Ratio Lower Upper

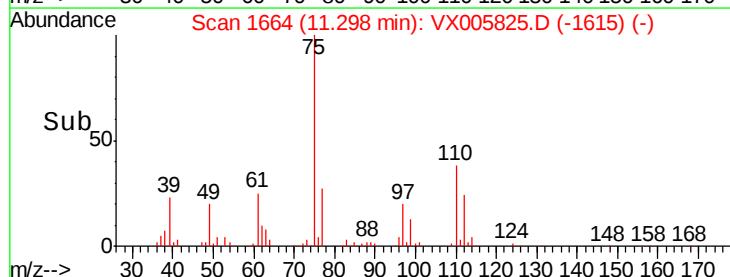
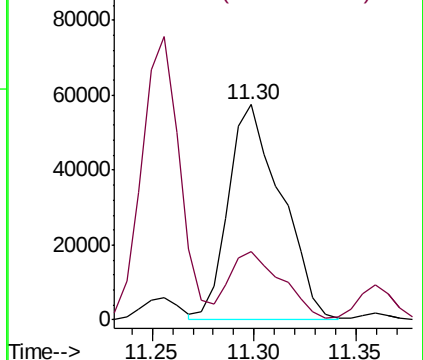
75 100

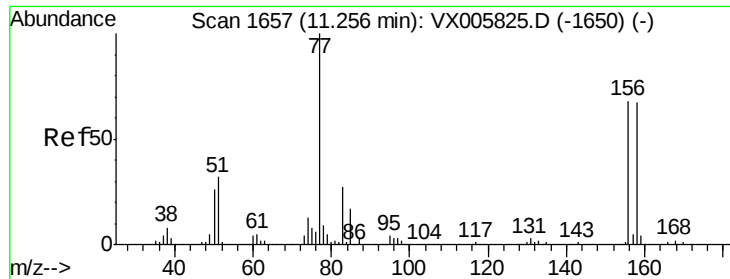
77 31.0 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.837 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

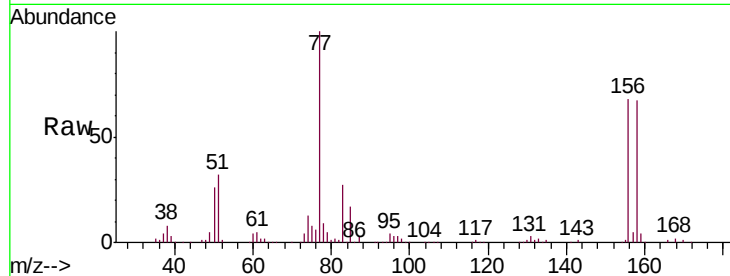
Tgt Ion:156 Resp: 65343

Ion Ratio Lower Upper

156 100

77 149.5 74.8 224.4

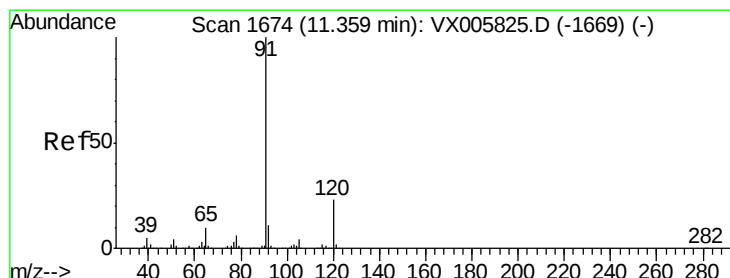
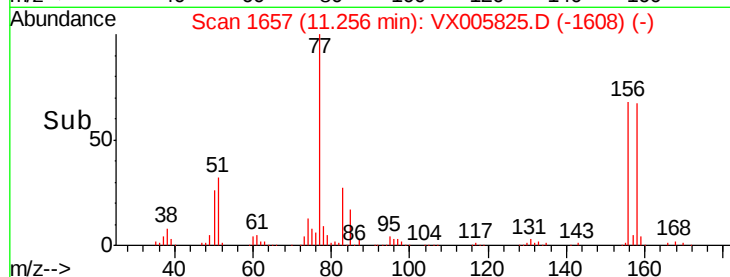
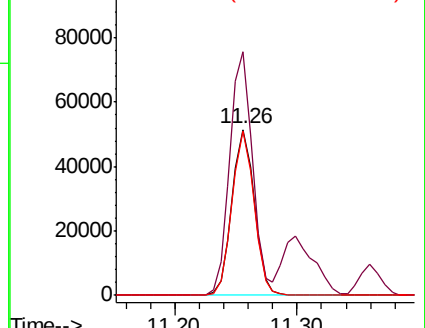
158 97.4 49.1 147.3



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: 53.967 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005825.D

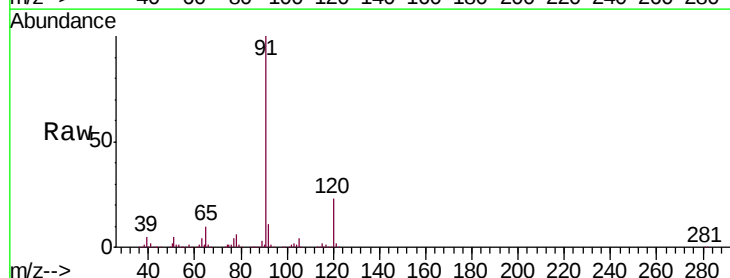
Acq: 07 Nov 2018 13:25

Tgt Ion: 91 Resp: 290042

Ion Ratio Lower Upper

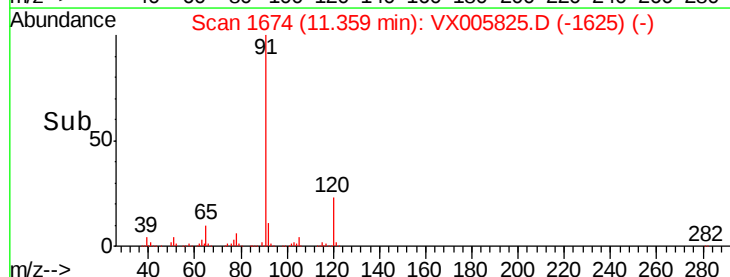
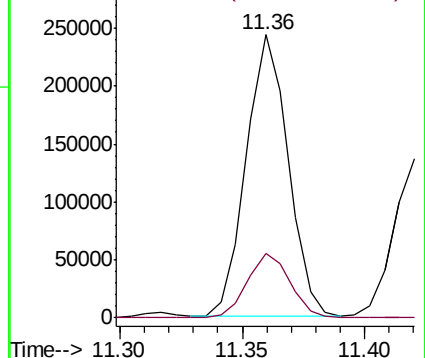
91 100

120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

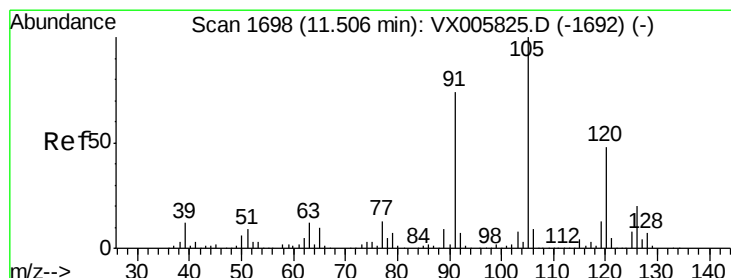
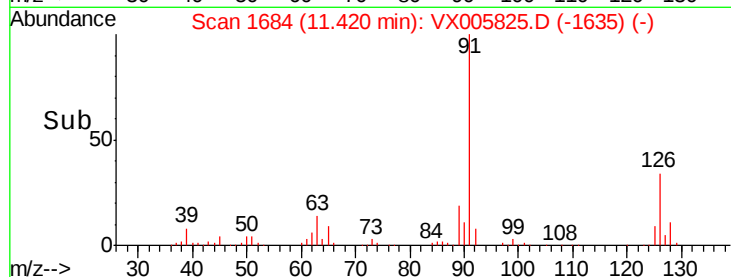
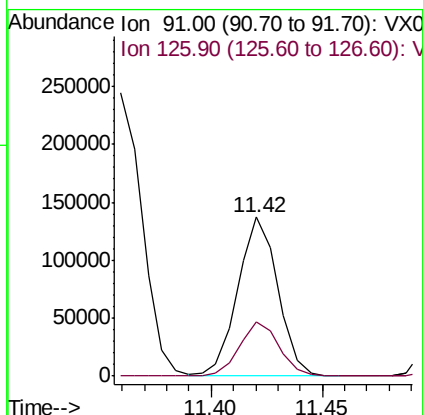
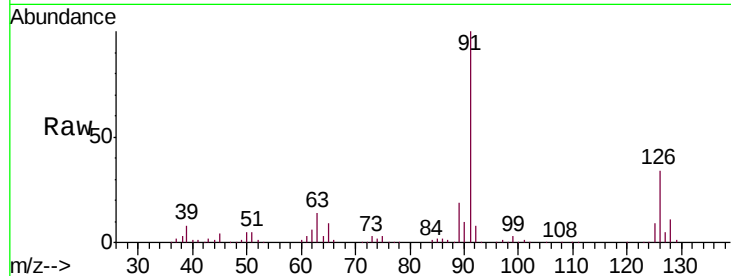




#79
 2-Chlorotoluene
 Concen: 52.625 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

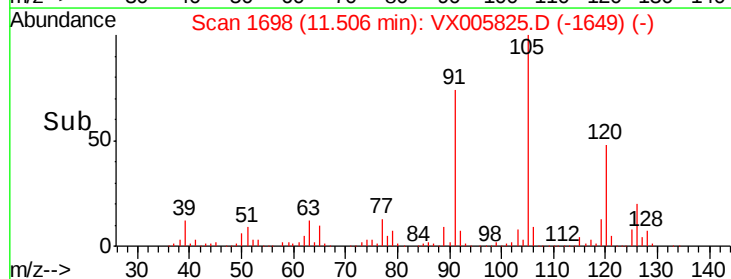
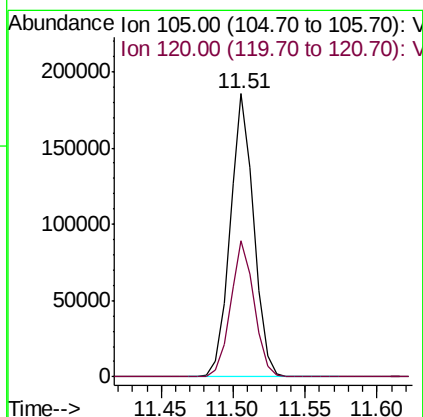
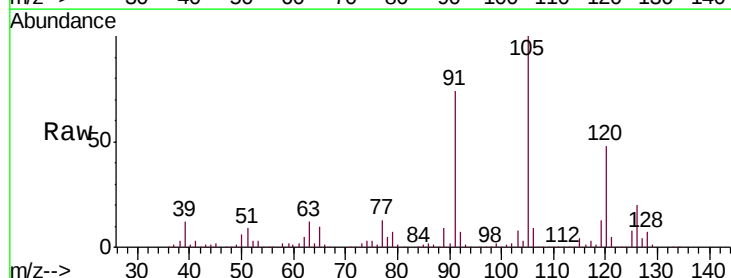
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 170952
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 55.040 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion: 105 Resp: 213296
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.2

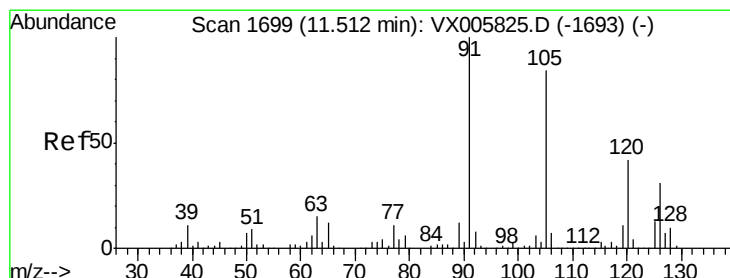
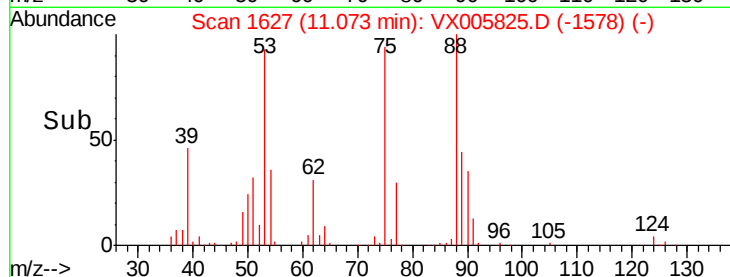
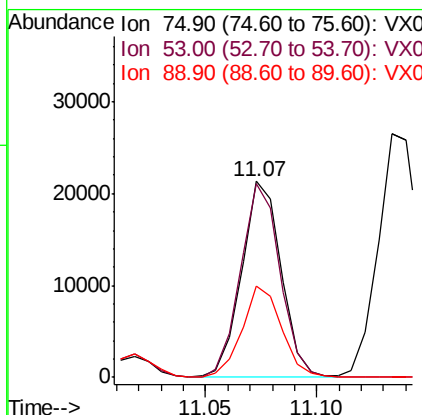
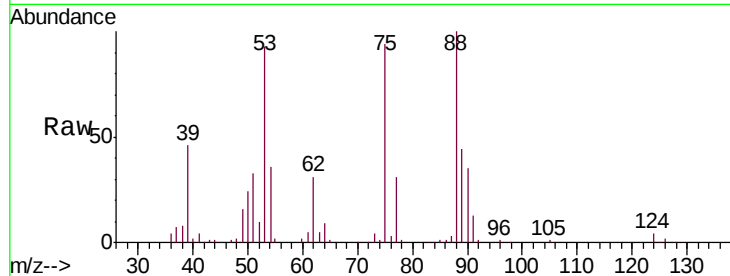




#81
trans-1,4-Dichloro-2-butene
Concen: 52.145 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

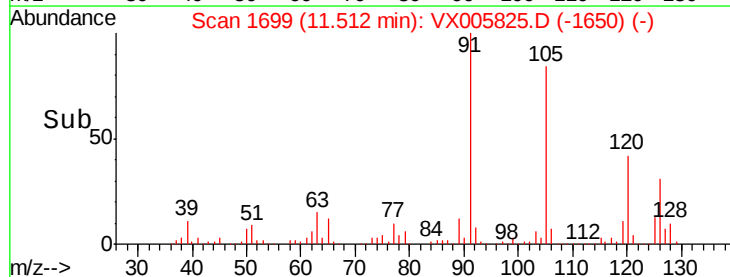
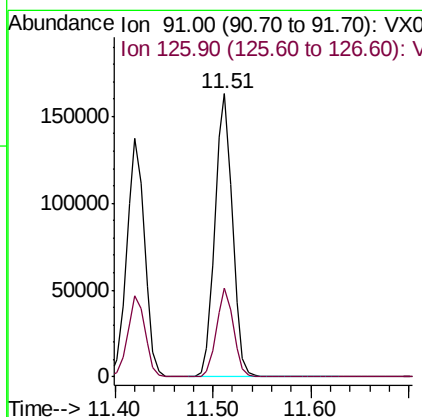
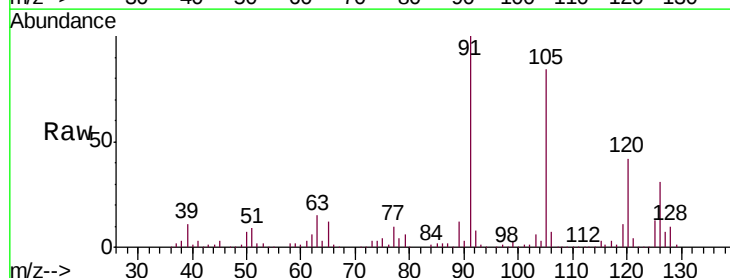
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 26271
Ion Ratio Lower Upper
75 100
53 99.8 80.2 120.2
89 46.9 39.8 59.8



#82
4-Chlorotoluene
Concen: 53.168 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 91 Resp: 203551
Ion Ratio Lower Upper
91 100
126 30.2 15.2 45.6

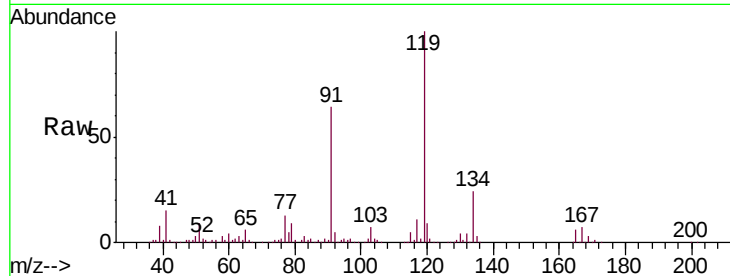




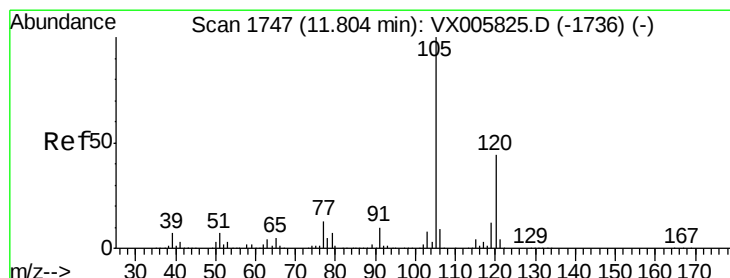
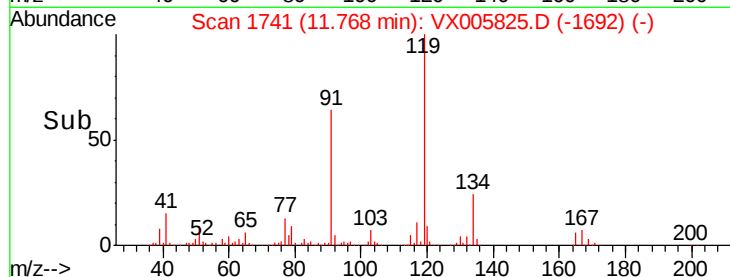
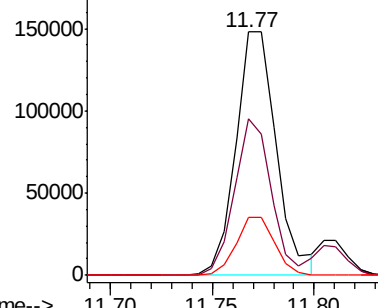
#83
 tert-Butylbenzene
 Concen: 52.483 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 205761
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.5 85.5
 134 22.7 11.3 33.8

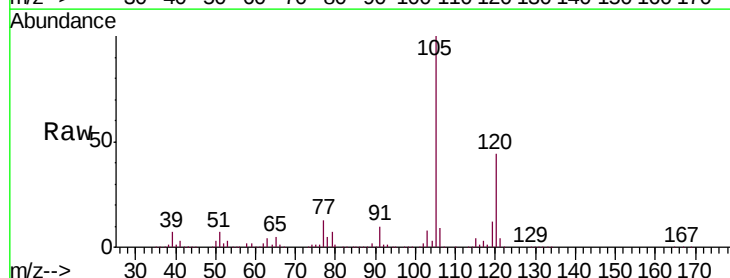


Abundance Ion 119.00 (118.70 to 119.70): V
 200000 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

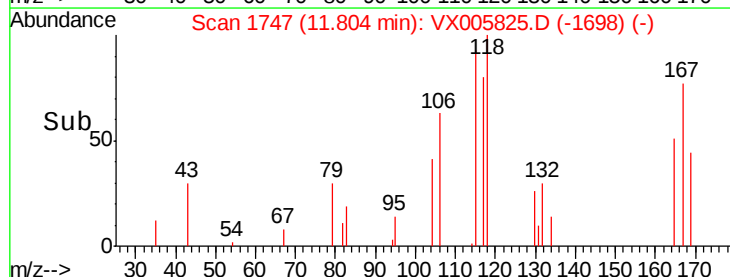
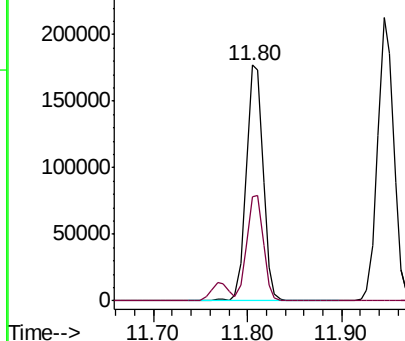


#84
 1,2,4-Trimethylbenzene
 Concen: 51.583 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion:105 Resp: 220591
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 250000 Ion 120.00 (119.70 to 120.70): V

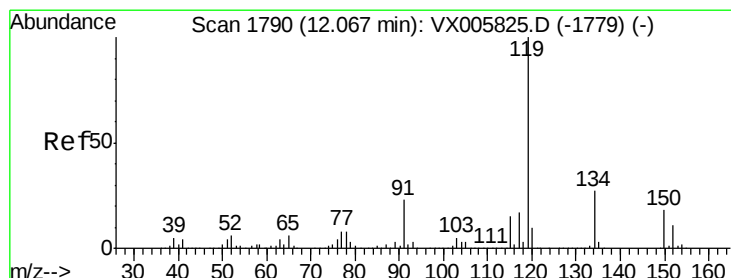
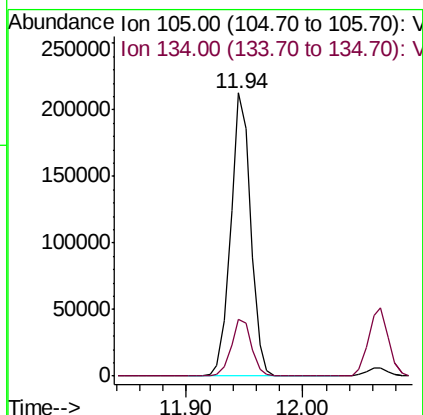
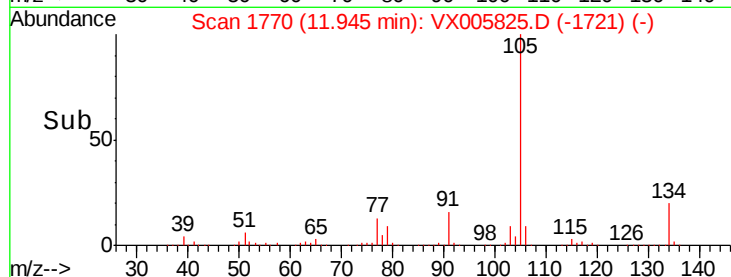
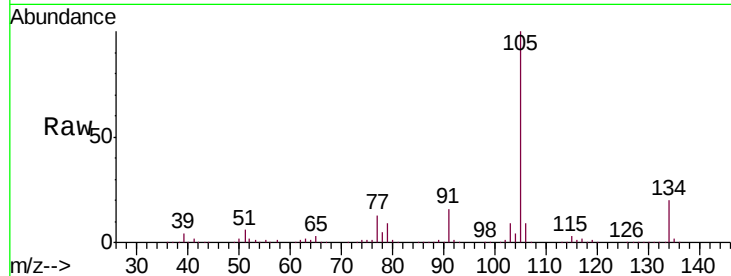




#85
 sec-Butylbenzene
 Concen: 52.828 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

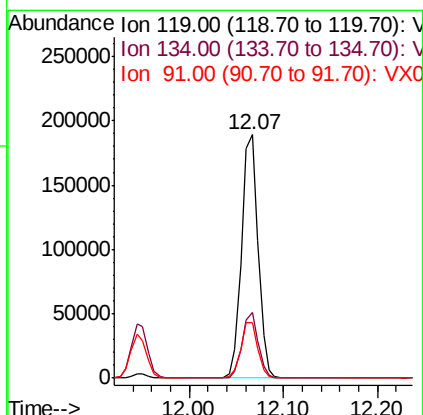
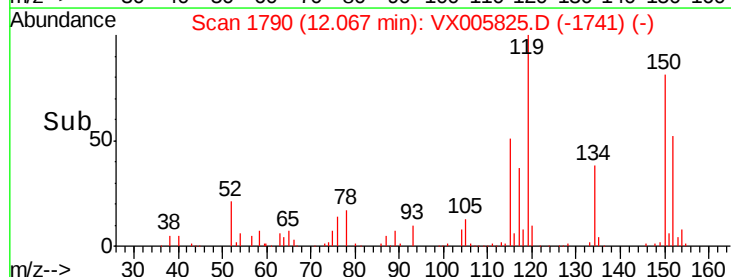
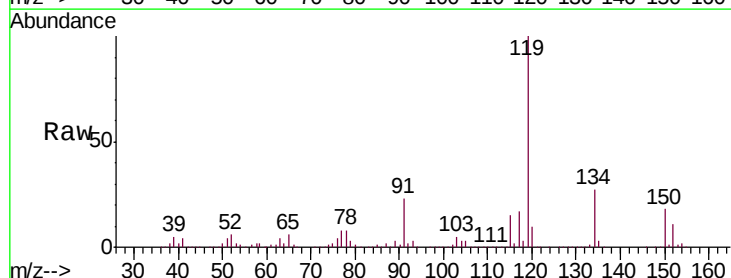
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 253270
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 54.300 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion:119 Resp: 230593
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.4 11.4 34.2

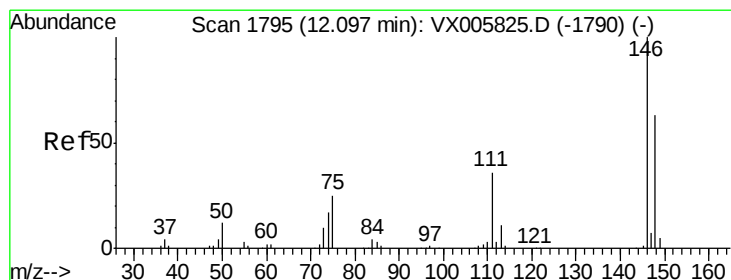
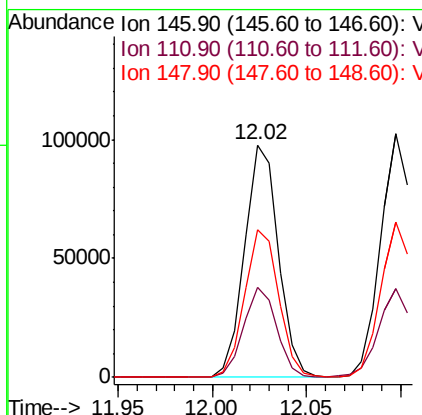
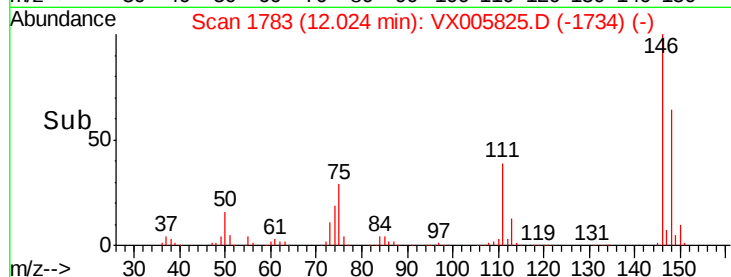
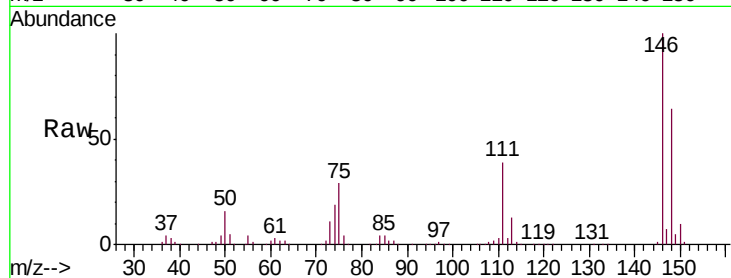




#87
 1,3-Dichlorobenzene
 Concen: 49.371 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

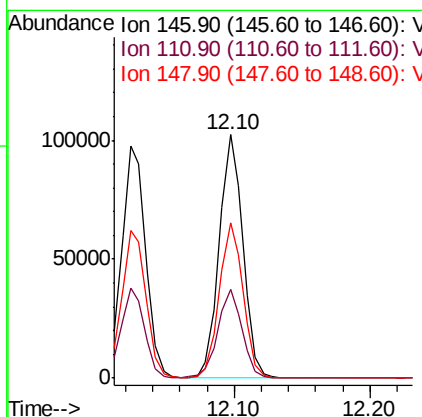
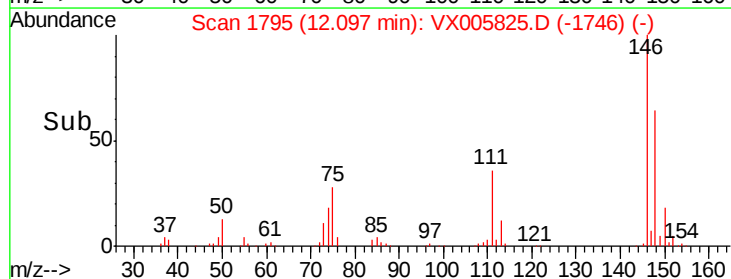
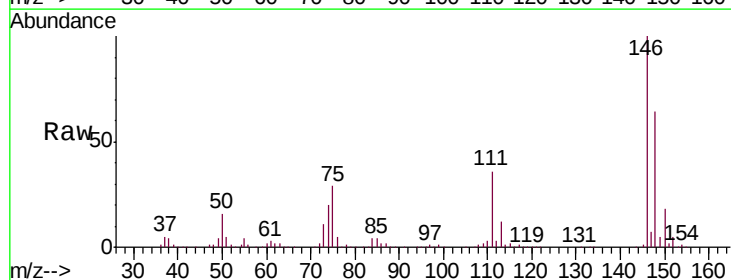
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 121789
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.041 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion:146 Resp: 123841
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 63.9 32.1 96.3

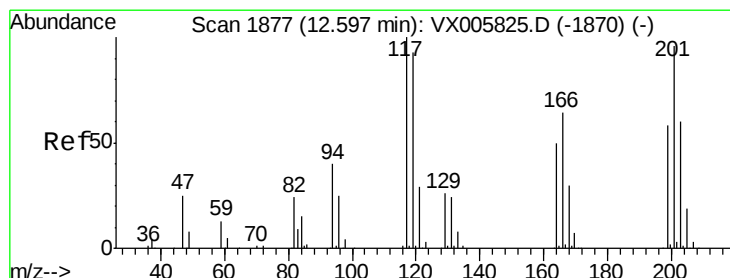
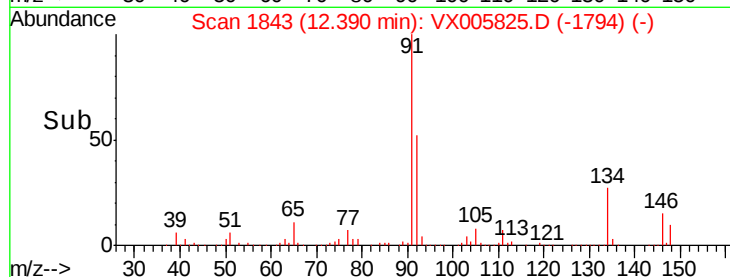
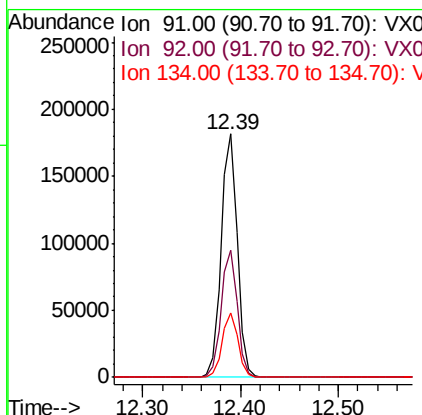
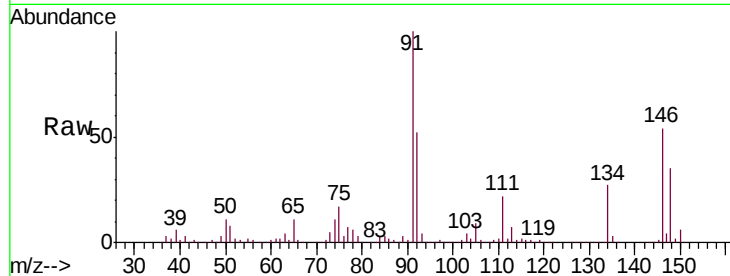




#89
n-Butylbenzene
Concen: 52.606 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

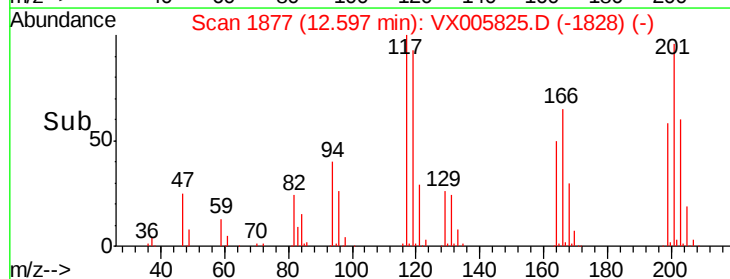
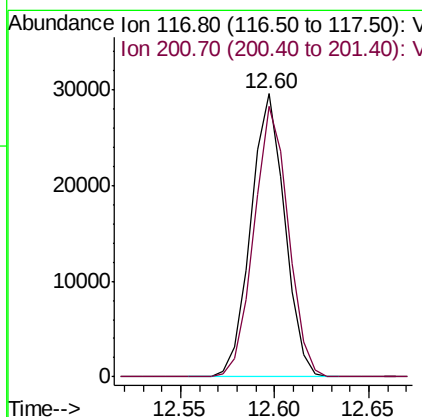
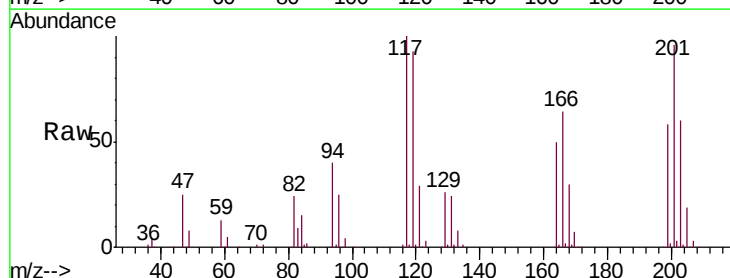
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

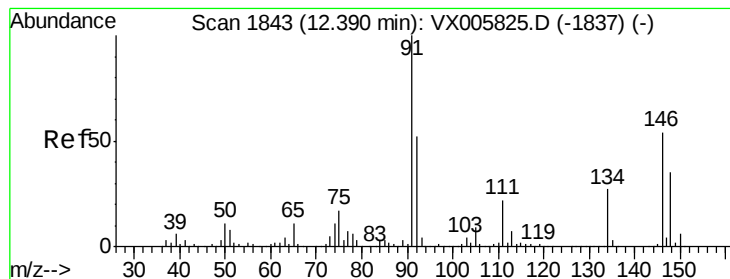
Tgt Ion: 91 Resp: 207046
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 51.952 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005825.D
Acq: 07 Nov 2018 13:25

Tgt Ion: 117 Resp: 36834
Ion Ratio Lower Upper
117 100
201 96.8 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 49.601 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

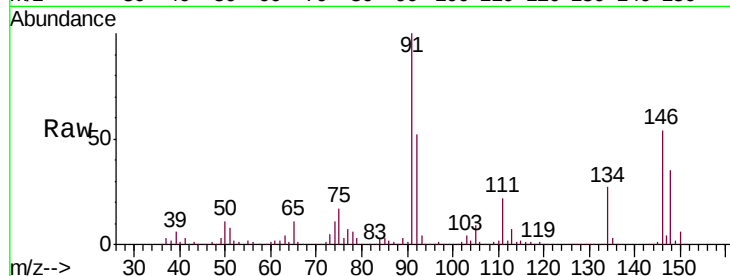
Tgt Ion:146 Resp: 122573

Ion Ratio Lower Upper

146 100

111 39.6 20.0 59.9

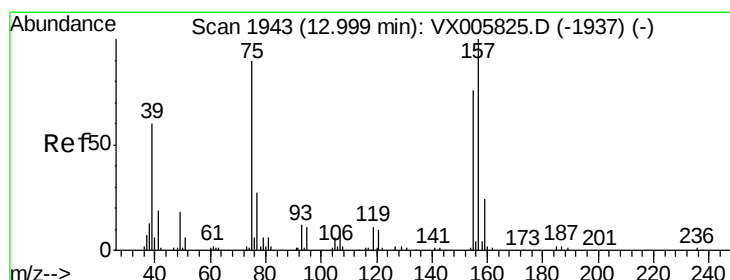
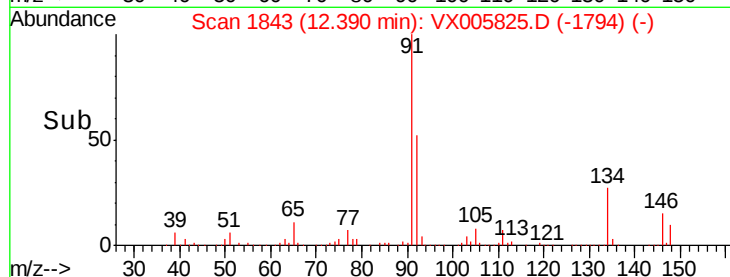
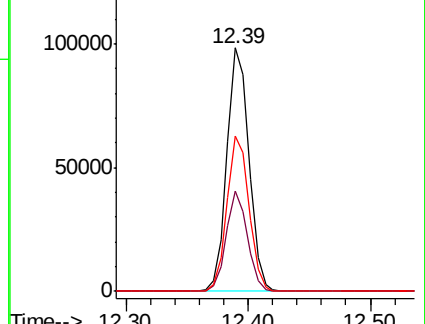
148 63.7 32.2 96.6



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: 53.871 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

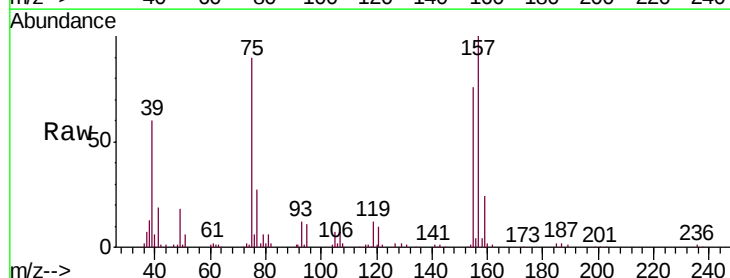
Tgt Ion: 75 Resp: 22004

Ion Ratio Lower Upper

75 100

155 89.0 45.4 136.1

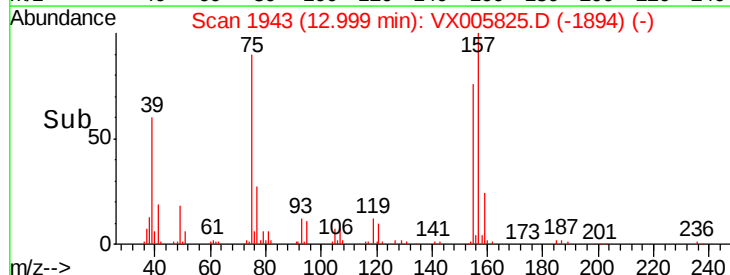
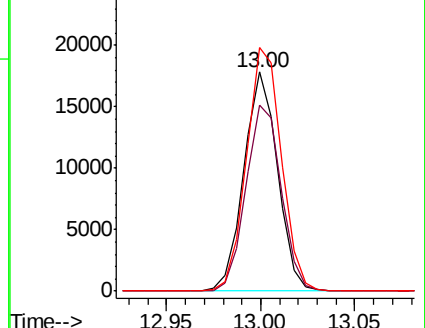
157 115.8 57.4 172.0

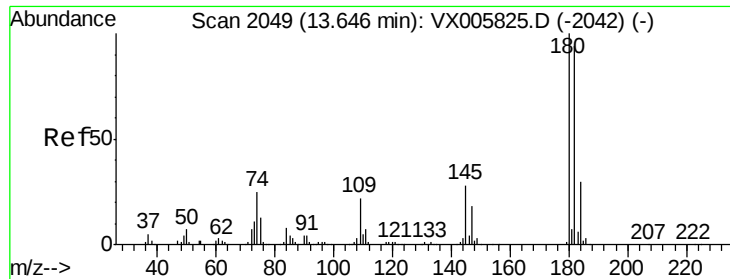


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

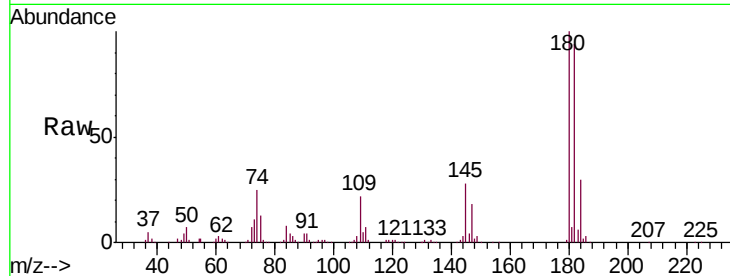




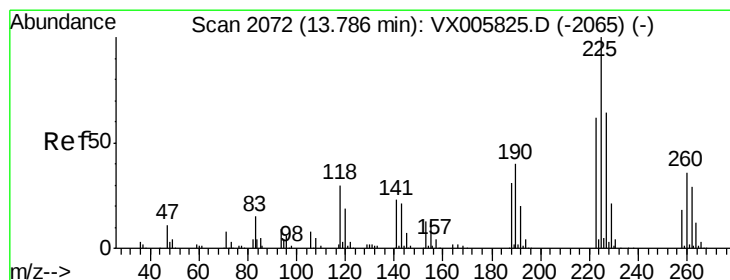
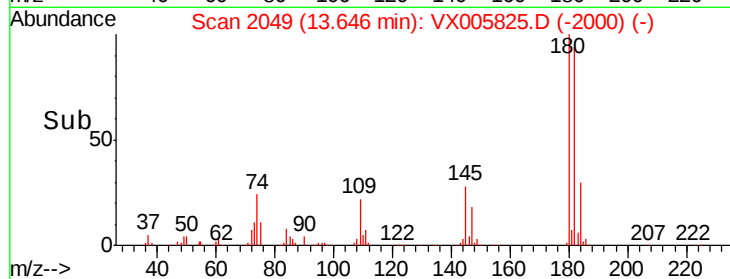
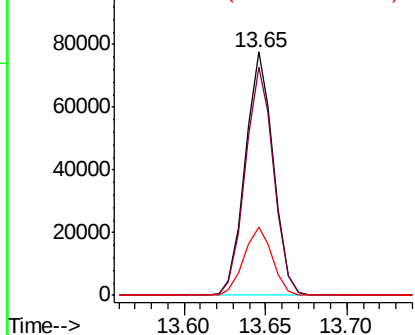
#93
 1,2,4-Trichlorobenzene
 Concen: 53.433 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 92955
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.8
 145 28.2 14.1 42.2

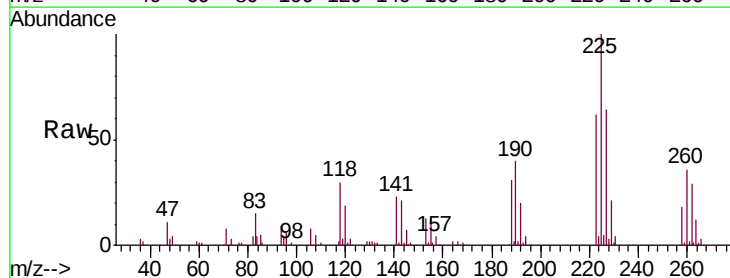


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

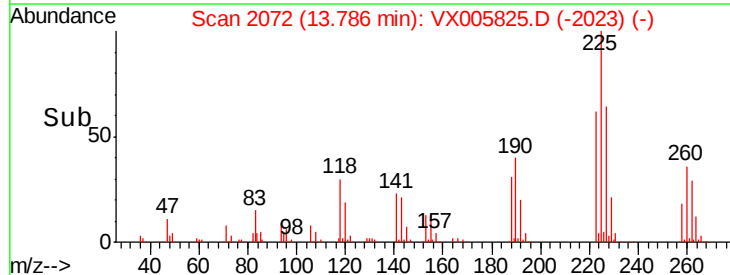
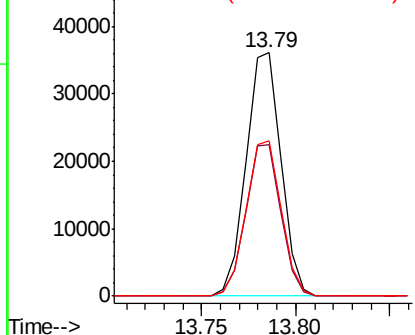


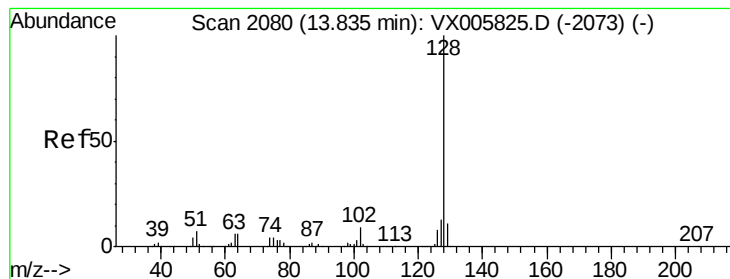
#94
 Hexachlorobutadiene
 Concen: 50.718 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005825.D
 Acq: 07 Nov 2018 13:25

Tgt Ion:225 Resp: 46347
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.7 95.1
 227 64.1 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: 50.347 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

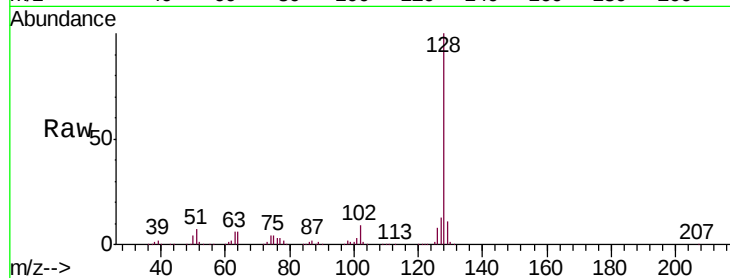
Tgt Ion:128 Resp: 285685

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

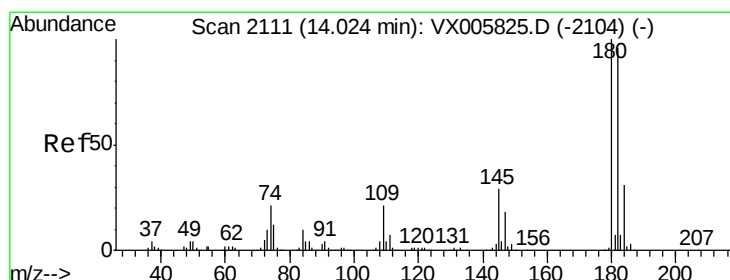
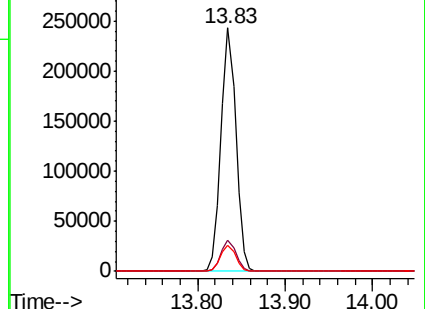
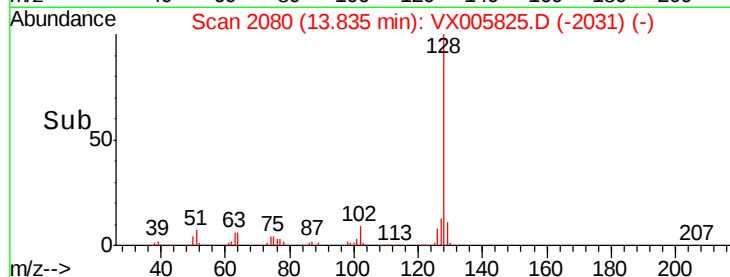
129 10.8 8.7 13.1



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: 52.981 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005825.D

Acq: 07 Nov 2018 13:25

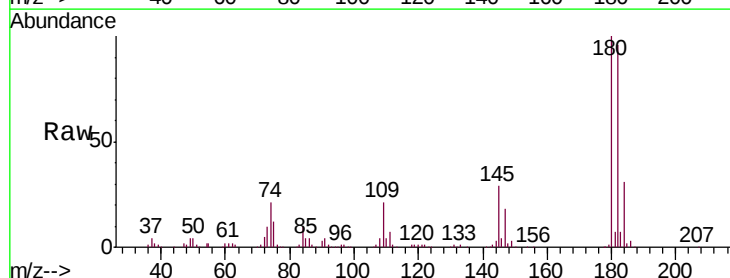
Tgt Ion:180 Resp: 93898

Ion Ratio Lower Upper

180 100

182 96.2 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

