

Data File : VX003716.D
Acq On : 27 Jul 2018 14:51
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 11 05:50:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	19708	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	110011	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	105656	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	44618	30.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.80%
60) 4-Bromofluorobenzene	11.14	95	51243	30.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.40%
63) Toluene-d8	8.72	98	136053	28.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.27%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103559	99.483	ug/l	99
3) Chloromethane	1.32	50	143345	102.317	ug/l	97
4) Vinyl Chloride	1.40	62	152099	103.228	ug/l	100
5) Bromomethane	1.64	94	86757	98.510	ug/l	99
6) Chloroethane	1.71	64	102331	106.102	ug/l	96
7) Trichlorofluoromethane	1.92	101	205540	103.714	ug/l	100
8) Diethyl Ether	2.19	74	87443	102.935	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123261	102.575	ug/l	95
10) 1,1-Dichloroethene	2.37	96	117691	104.161	ug/l	97
11) Methyl Iodide	2.51	142	174336	111.311	ug/l	96
12) Methyl Acetate	2.78	43	224422	107.345	ug/l	97
13) Acrolein	2.29	56	99793	612.005	ug/l	99
14) Acrylonitrile	3.15	53	430374	522.435	ug/l	100
15) Acetone	2.45	58	114988	514.390	ug/l	84
16) Carbon Disulfide	2.56	76	332751	106.045	ug/l	99
17) Allyl chloride	2.73	41	246909	105.588	ug/l	92
18) Methylene Chloride	2.86	84	135644	101.343	ug/l	99
19) trans-1,2-Dichloroethene	3.16	96	125565	102.808	ug/l	97
20) Diisopropyl ether	3.88	45	460289	107.186	ug/l	97
21) 1,1-Dichloroethane	3.70	63	251584	103.490	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	121896	98.833	ug/l #	76
23) tert-Butyl Alcohol	3.09	59	182182	526.488	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	424020	104.637	ug/l	92
25) Chloroform	5.22	83	207123	98.380	ug/l	99
26) Cyclohexane	5.57	56	192149	105.212	ug/l #	97
29) 1,1-Dichloropropene	5.80	75	161168	99.207	ug/l	99
30) 2-Butanone	4.71	43	496157	478.253	ug/l	96
31) 2,2-Dichloropropane	4.59	77	149627	95.086	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	182587	98.233	ug/l	100
33) Carbon Tetrachloride	5.78	117	159716	98.885	ug/l	97
34) Benzene	6.15	78	479262	96.024	ug/l	100
35) Methacrylonitrile	5.07	41	106355	98.650	ug/l	93
36) 1,2-Dichloroethane	6.20	62	174820	97.447	ug/l	98
37) Trichloroethene	7.21	130	134972	103.753	ug/l	97
38) Methylcyclohexane	7.46	83	191538	103.758	ug/l	98
39) 1,2-Dichloropropane	7.52	63	130263	98.758	ug/l	96
40) Dibromomethane	7.67	93	84133	98.566	ug/l	95

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	169870	104.165	ug/l	98
42) Vinyl Acetate	3.83	43	2014779	505.420	ug/l	100
43) Ethyl Acetate	4.87	43	188195	97.115	ug/l	97
44) Isopropyl Acetate	6.47	43	301352	101.389	ug/l	97
45) 1,4-Dioxane	7.76	88	67347	2040.270	ug/l #	86
46) Methyl methacrylate	7.78	41	159039	103.716	ug/l	94
47) n-amyl Acetate	10.90	43	289547	103.183	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	193398	97.733	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	188844	101.712	ug/l	93
50) 1,1,2-Trichloroethane	9.22	97	127583	94.157	ug/l	99
51) Ethyl methacrylate	9.18	69	207631	101.766	ug/l	90
52) 1,3-Dichloropropane	9.38	76	217938	96.648	ug/l	99
53) Dibromochloromethane	9.59	129	133619	100.393	ug/l	99
54) 1,2-Dibromoethane	9.68	107	141770	100.049	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	513585	488.043	ug/l	99
56) Bromoform	10.86	173	101440	98.210	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	1000757	501.631	ug/l	95
59) 2-Hexanone	9.50	43	826393	520.235	ug/l	94
61) Tetrachloroethene	9.34	164	122143	99.336	ug/l	98
62) Toluene	8.79	91	516467	94.179	ug/l	99
64) Chlorobenzene	10.14	112	342011	96.507	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	122620	97.786	ug/l	98
66) Ethyl Benzene	10.26	91	617114	102.262	ug/l	100
67) m/p-Xylenes	10.36	106	457347	196.763	ug/l	100
68) o-Xylene	10.70	106	218489	98.257	ug/l	99
69) Styrene	10.71	104	377557	100.275	ug/l	98
70) Isopropylbenzene	11.02	105	656731	107.268	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	232133	106.214	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	273266	150.306	ug/l	93
73) Bromobenzene	11.26	156	176933	107.236	ug/l	99
74) n-propylbenzene	11.37	91	767103	106.377	ug/l	100
75) 2-Chlorotoluene	11.43	91	425984	100.225	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	541576	104.252	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	68537	110.628	ug/l	98
78) 4-Chlorotoluene	11.51	91	511084	102.771	ug/l	100
79) tert-butylbenzene	12.07	119	549406	102.787	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	563026	105.901	ug/l	98
81) sec-Butylbenzene	11.95	105	635593	105.061	ug/l	99
82) p-Isopropyltoluene	12.07	119	549406	102.787	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	295984	98.231	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	298201	98.298	ug/l	100
85) n-Butylbenzene	12.39	91	507138	106.891	ug/l	99
86) Hexachloroethane	12.60	117	89661	104.096	ug/l	93
87) 1,2-Dichlorobenzene	12.40	146	299476	99.006	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	48780	105.746	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	215752	101.585	ug/l	100
90) Hexachlorobutadiene	13.79	225	93531	97.151	ug/l	99
91) Naphthalene	13.84	128	686299	105.731	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	218819	101.176	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072718\
Quantitation Report (Not Reviewed)

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VSTDICC100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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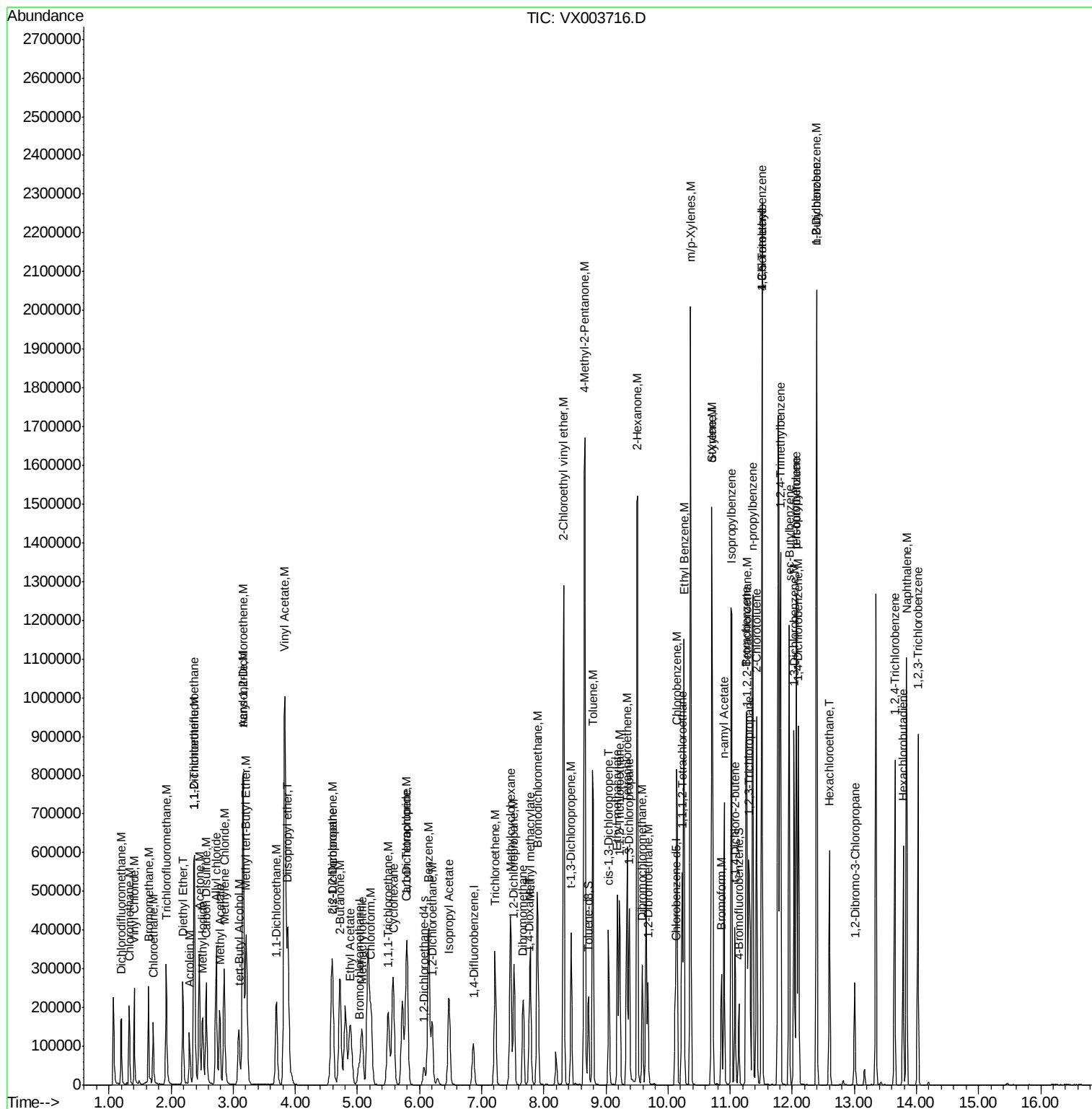
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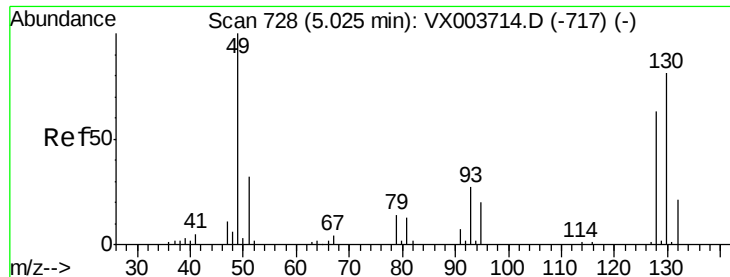
Data File : VX003716.D

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Acq On       : 27 Jul 2018   14:51
Operator    : JC/SP
Sample      : VSTDICC100
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 5      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 11 05:50:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

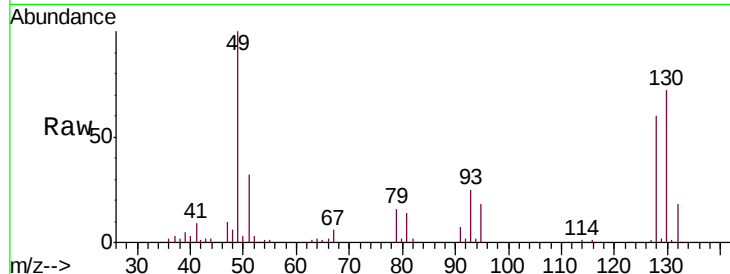
Tgt Ion:128 Resp: 19708

Ion Ratio Lower Upper

128 100

49 178.8 0.0 423.0

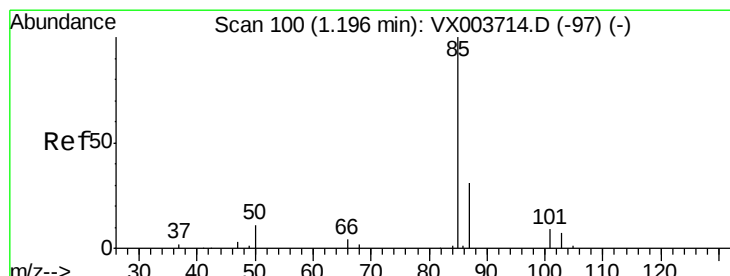
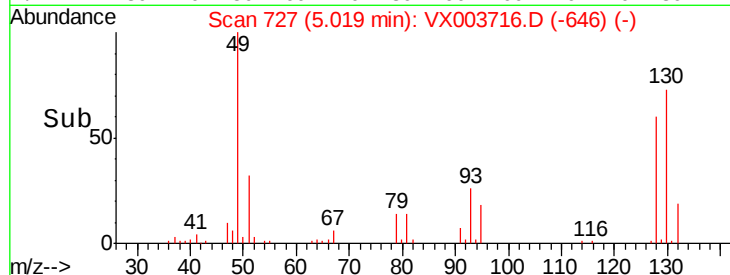
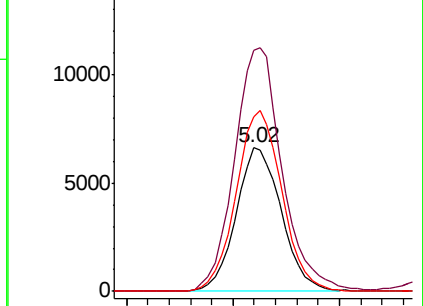
130 127.8 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 99.483 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003716.D

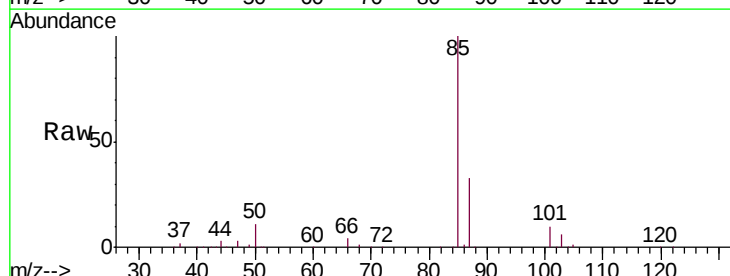
Acq: 27 Jul 2018 14:51

Tgt Ion: 85 Resp: 103559

Ion Ratio Lower Upper

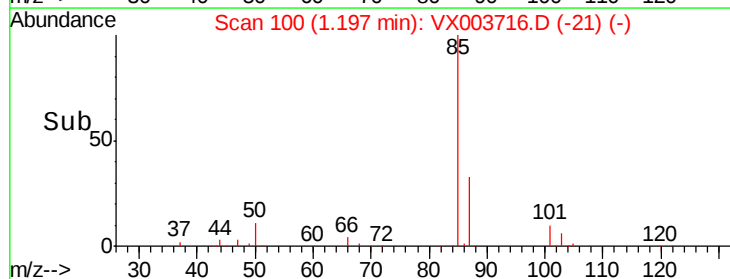
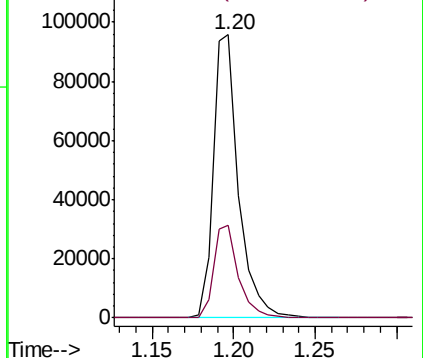
85 100

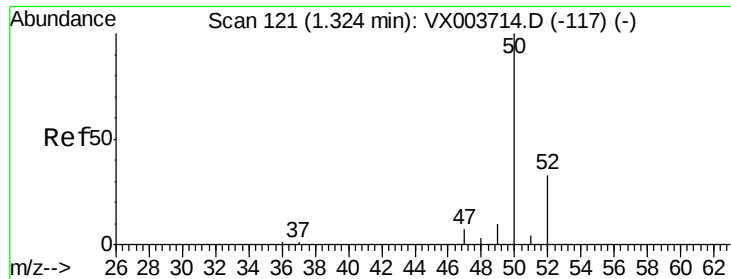
87 32.7 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

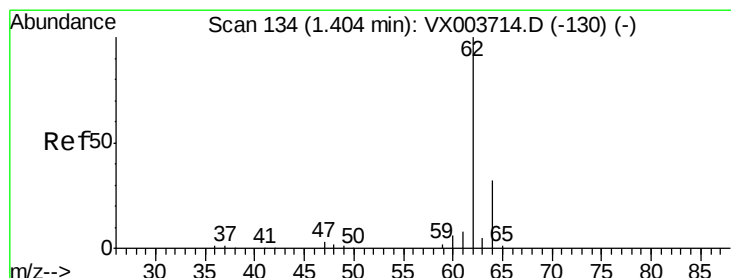
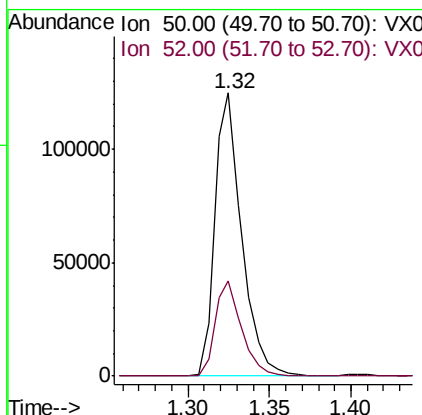
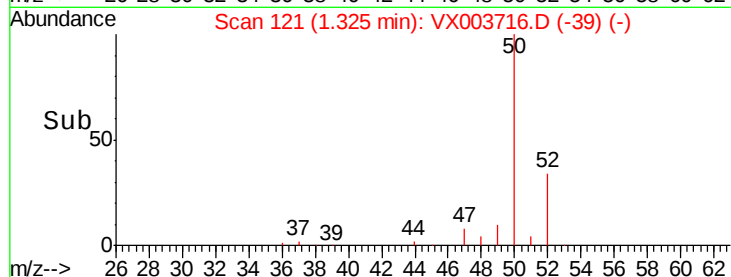
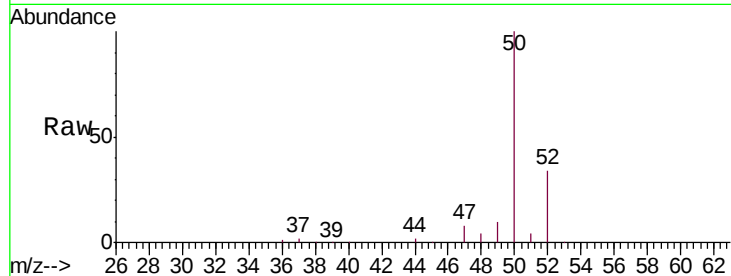




#3
Chloromethane
Concen: 102.317 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

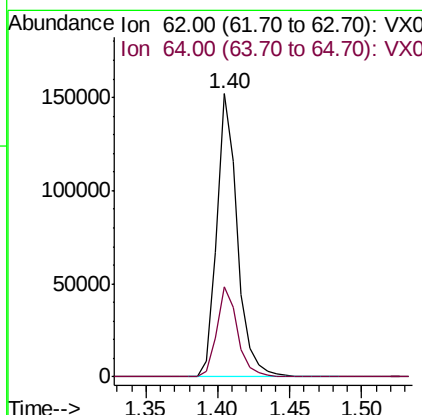
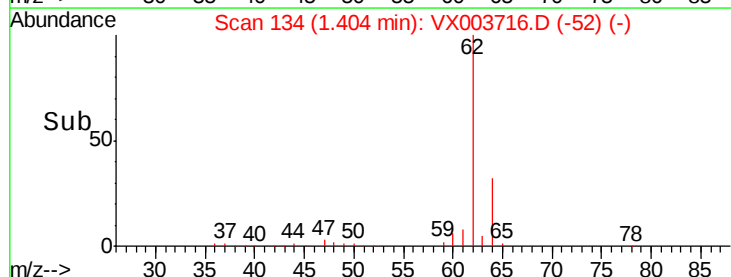
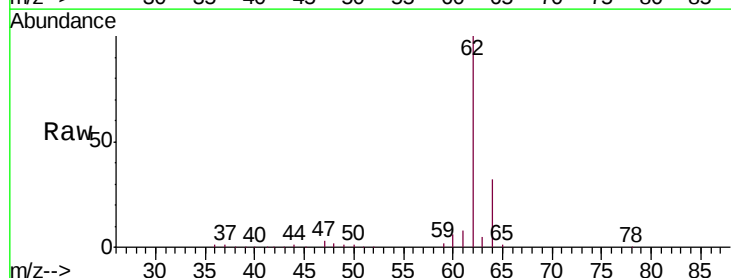
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

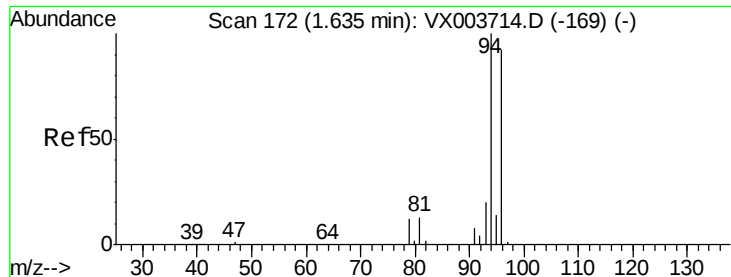
Tgt Ion: 50 Resp: 143345
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 103.228 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 62 Resp: 152099
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9





#5

Bromomethane

Concen: 98.510 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

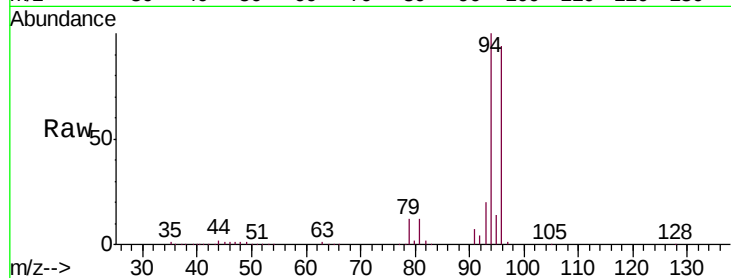
VSTDIC100

Tgt Ion: 94 Resp: 86757

Ion Ratio Lower Upper

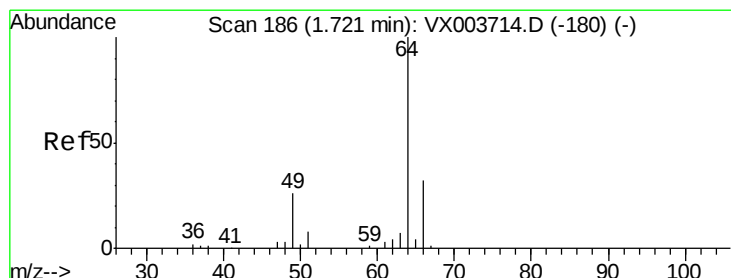
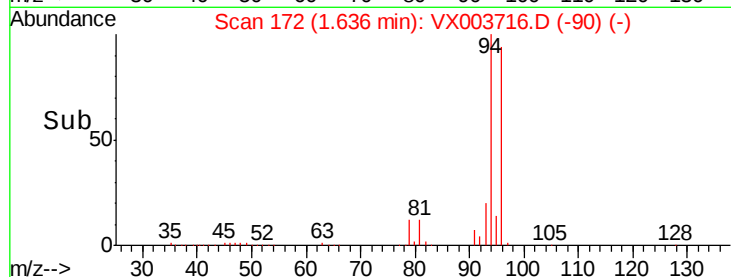
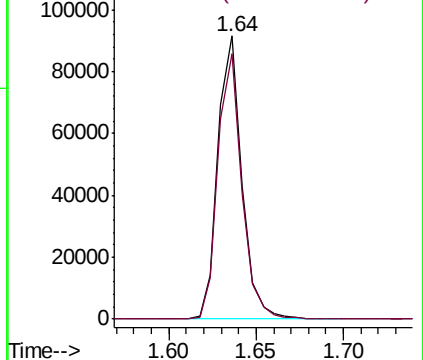
94 100

96 93.9 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 106.102 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003716.D

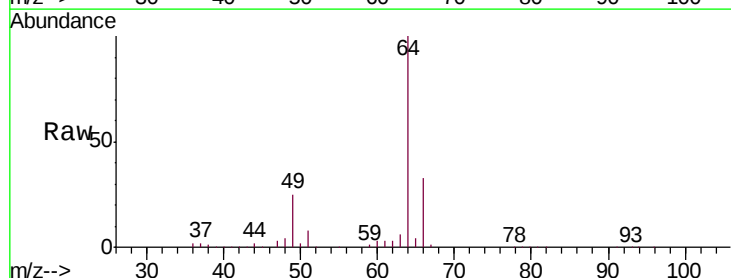
Acq: 27 Jul 2018 14:51

Tgt Ion: 64 Resp: 102331

Ion Ratio Lower Upper

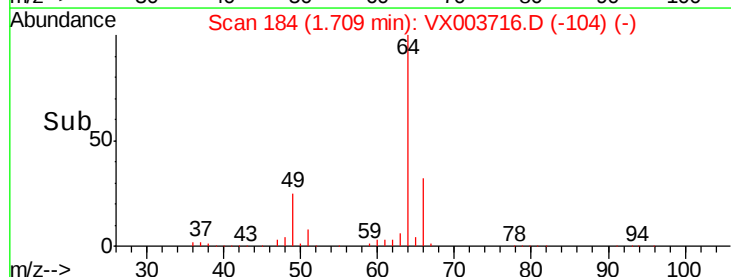
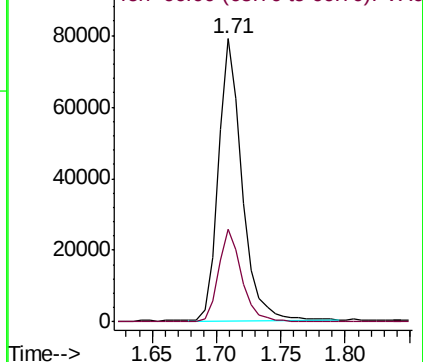
64 100

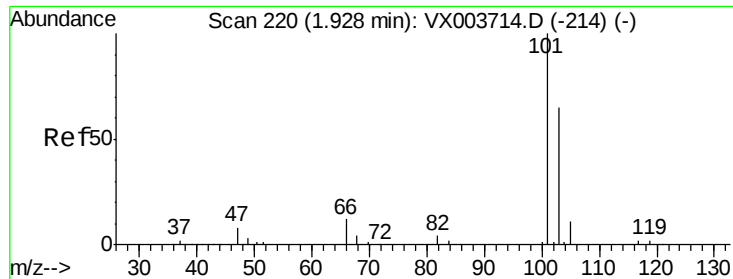
66 32.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



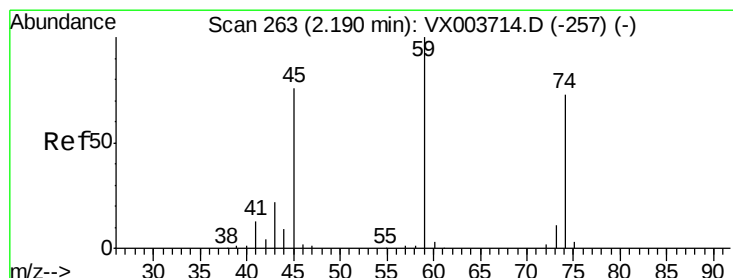
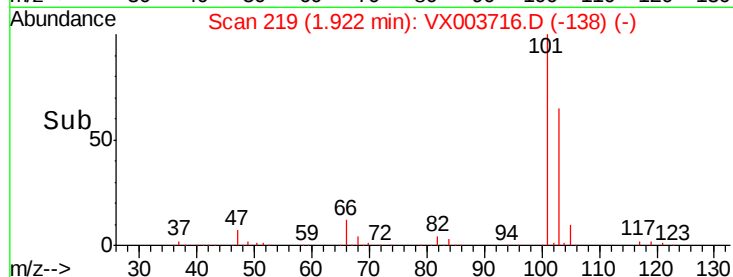
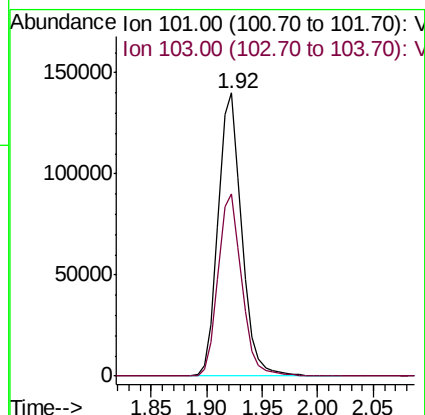
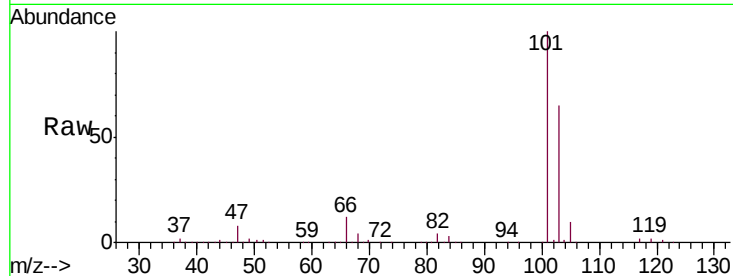


#7

Trichlorofluoromethane
 Concen: 103.714 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

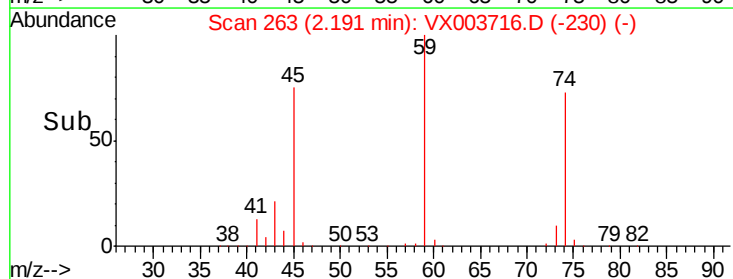
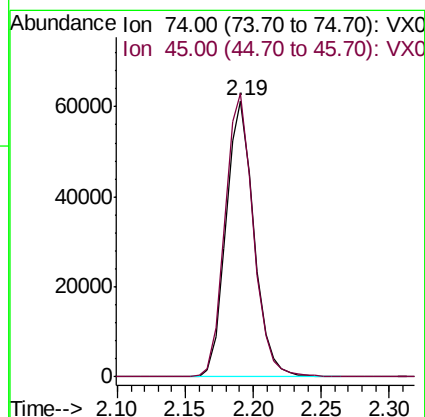
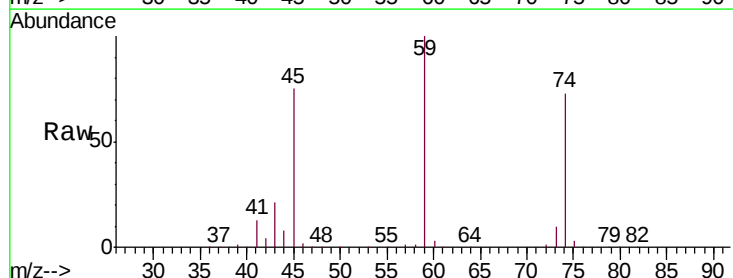
Tgt Ion:101 Resp: 205540
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.5 77.3

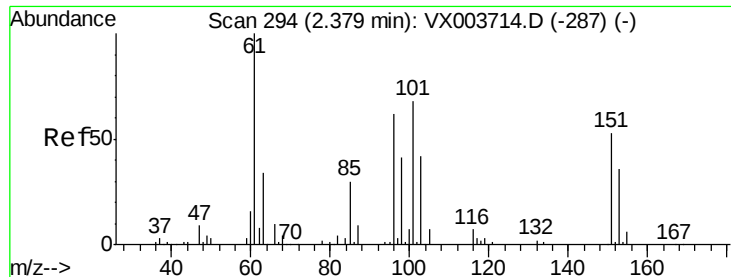


#8

Diethyl Ether
 Concen: 102.935 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 74 Resp: 87443
 Ion Ratio Lower Upper
 74 100
 45 104.2 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.575 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

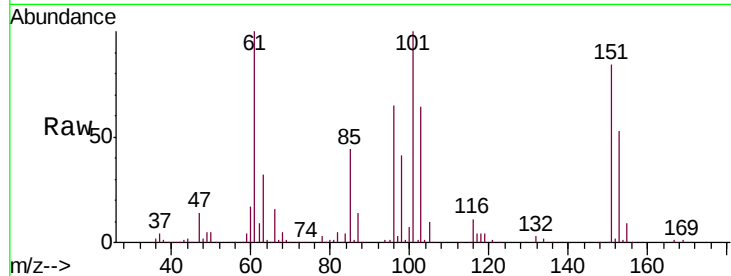
Tgt Ion: 101 Resp: 123261

Ion Ratio Lower Upper

101 100

85 44.0 0.0 87.0

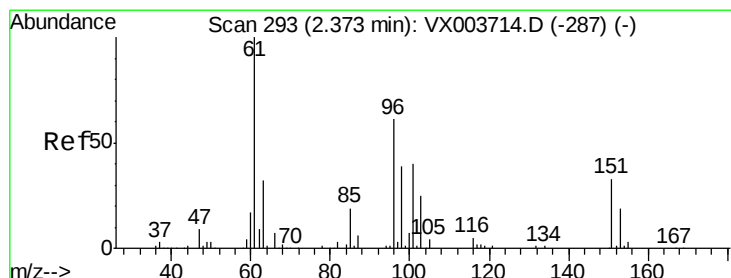
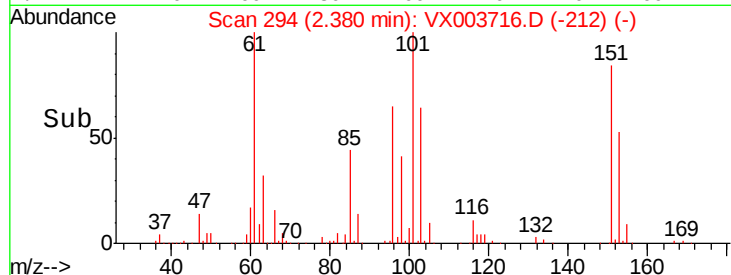
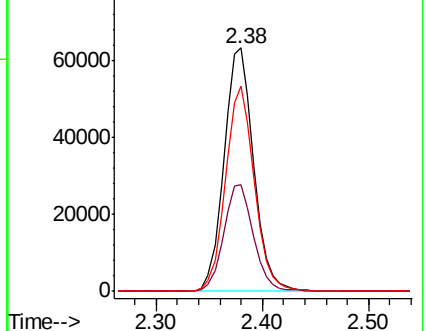
151 82.1 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 104.161 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

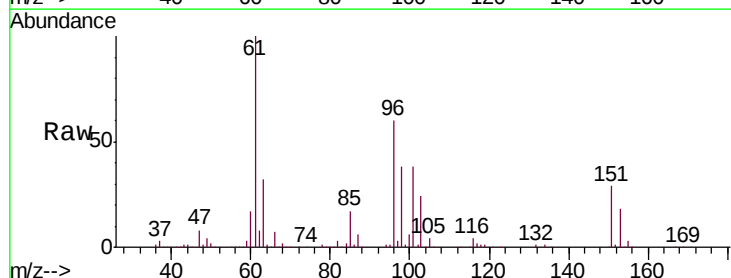
Tgt Ion: 96 Resp: 117691

Ion Ratio Lower Upper

96 100

61 166.6 137.5 206.3

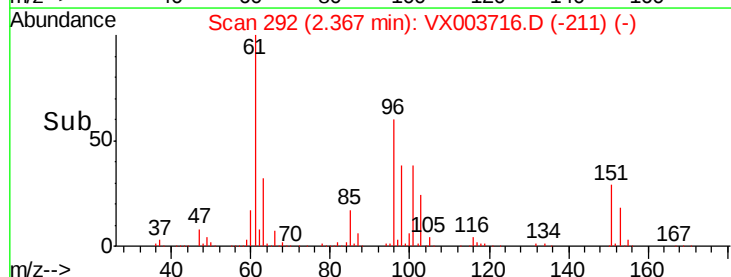
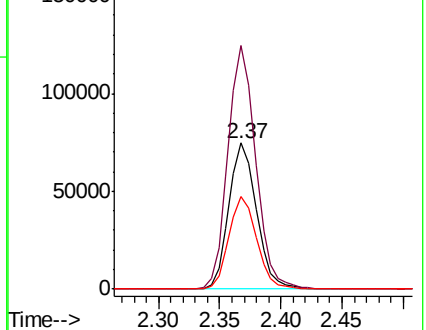
98 63.2 51.4 77.2

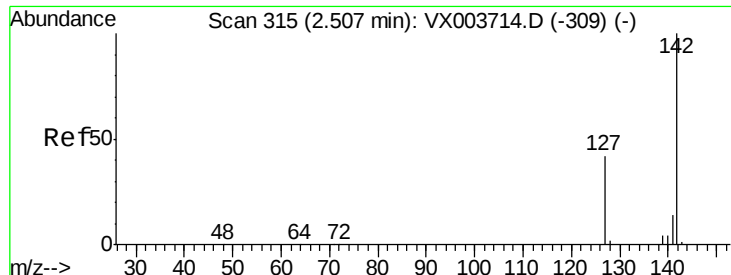


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

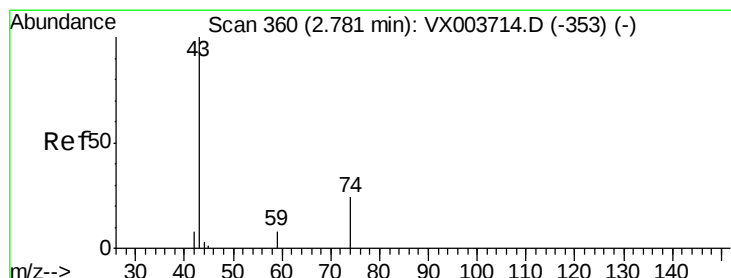
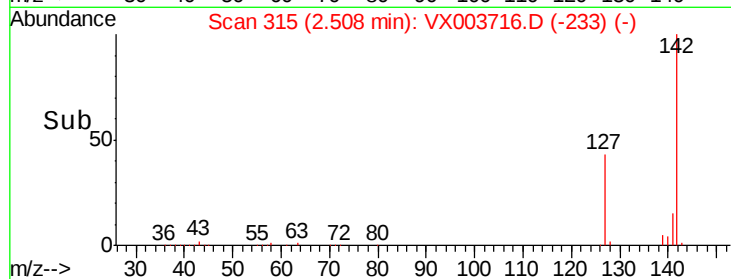
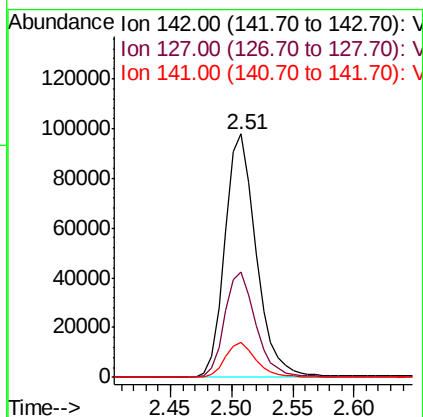
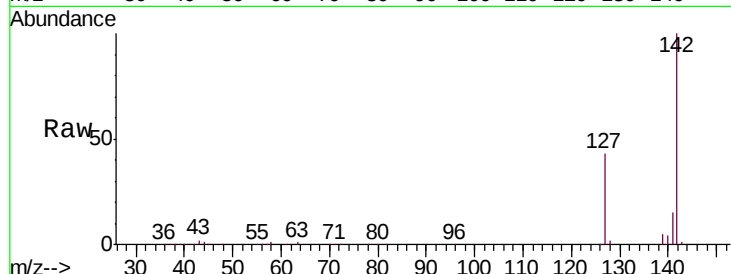




#11
Methyl Iodide
Concen: 111.311 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

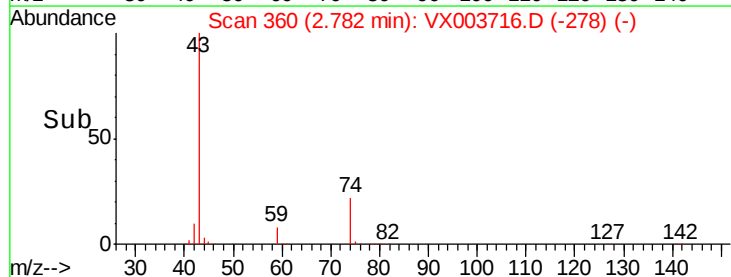
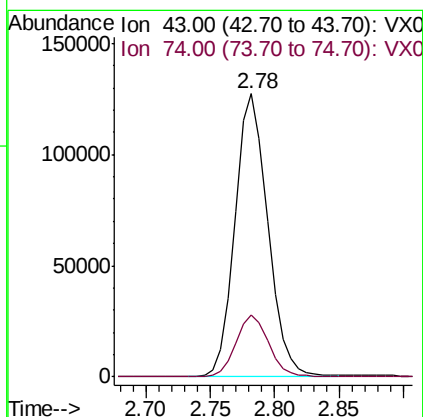
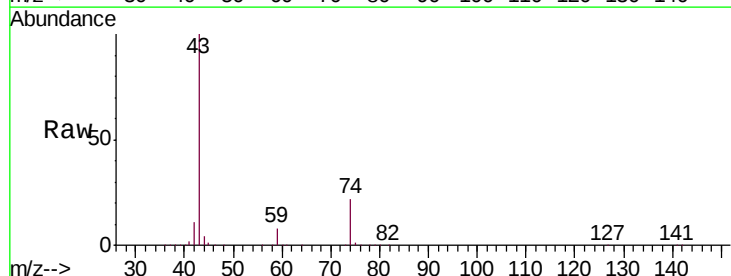
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

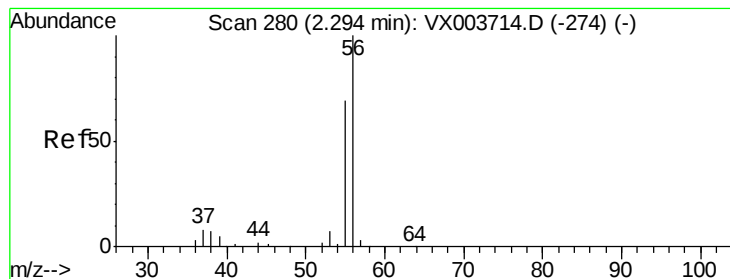
Tgt Ion:142 Resp: 174336
Ion Ratio Lower Upper
142 100
127 43.2 23.2 69.6
141 14.6 7.4 22.2



#12
Methyl Acetate
Concen: 107.345 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 43 Resp: 224422
Ion Ratio Lower Upper
43 100
74 22.0 16.4 24.6





#13

Acrolein

Concen: 612.005 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

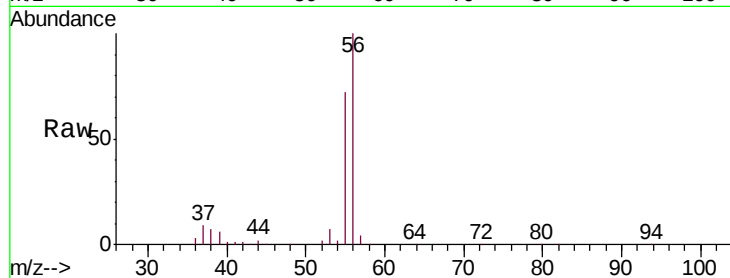
VSTDIC100

Tgt Ion: 56 Resp: 99793

Ion Ratio Lower Upper

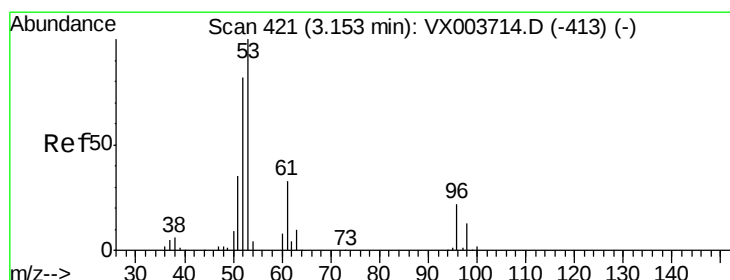
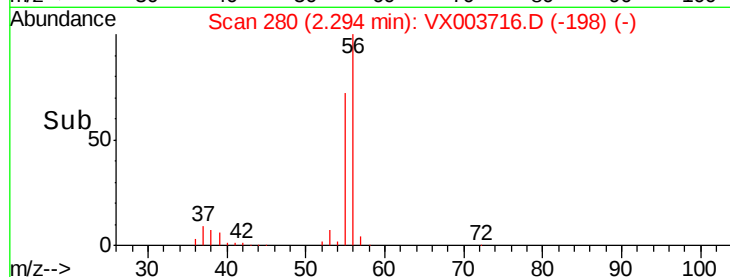
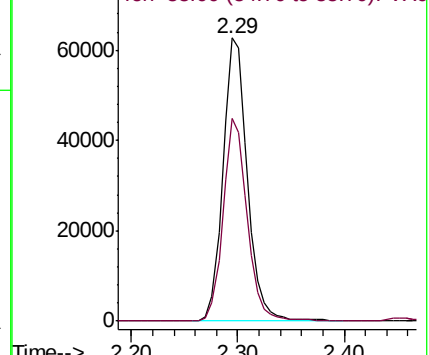
56 100

55 70.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 522.435 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

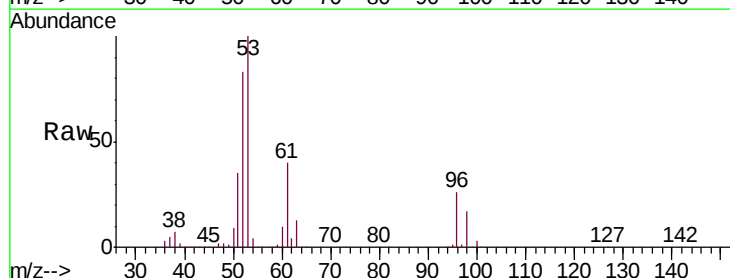
Tgt Ion: 53 Resp: 430374

Ion Ratio Lower Upper

53 100

52 82.6 41.5 124.6

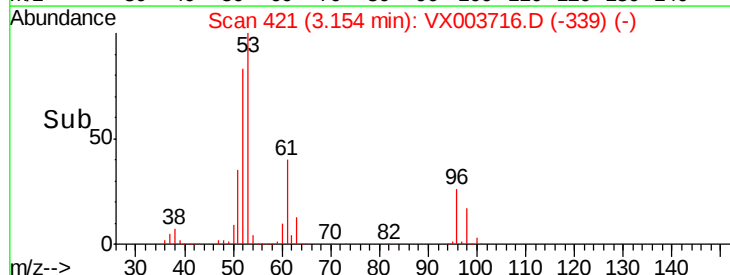
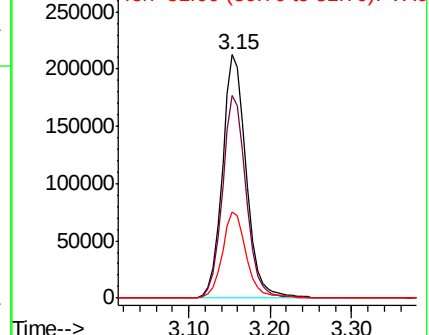
51 35.9 17.9 53.8

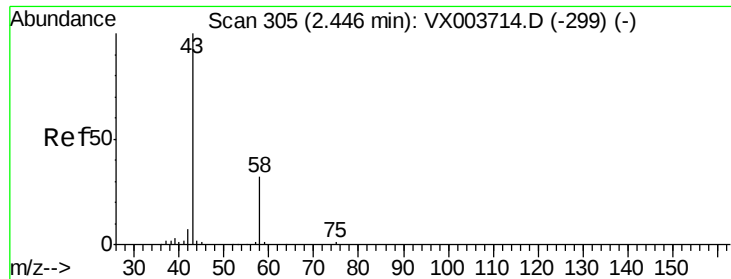


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 514.390 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

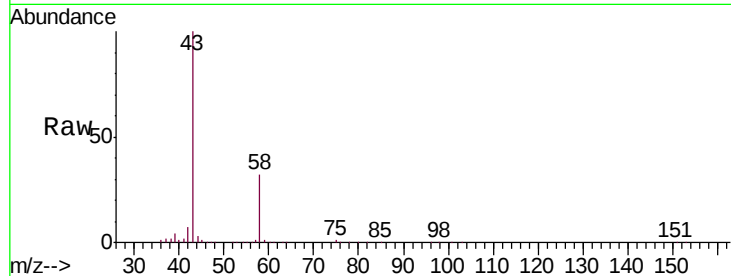
VSTDIC100

Tgt Ion: 58 Resp: 114988

Ion Ratio Lower Upper

58 100

43 314.5 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

250000

200000

150000

100000

50000

0

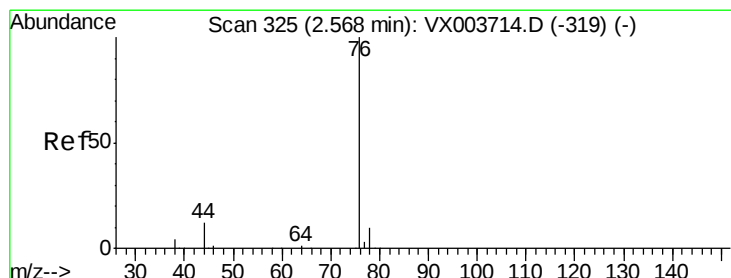
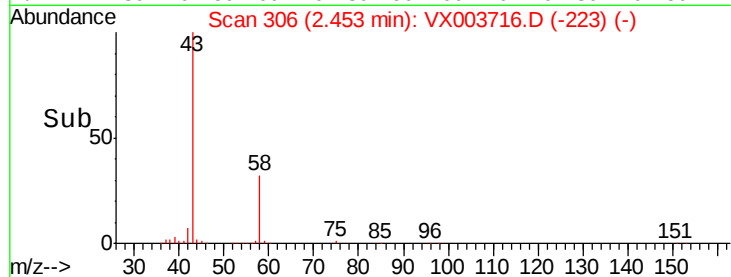
2.40

2.45

2.50

2.60

Time-->



#16

Carbon Disulfide

Concen: 106.045 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX003716.D

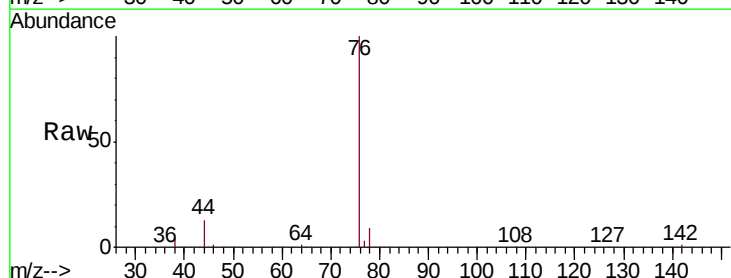
Acq: 27 Jul 2018 14:51

Tgt Ion: 76 Resp: 332751

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

200000

150000

100000

50000

0

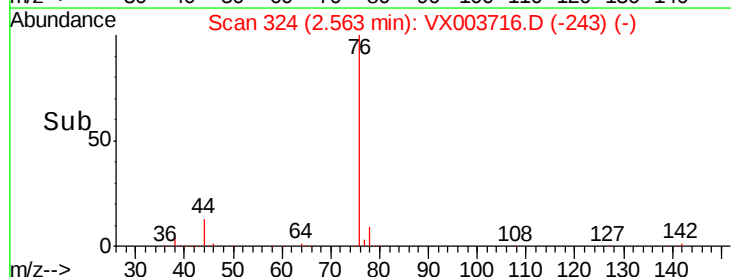
2.50

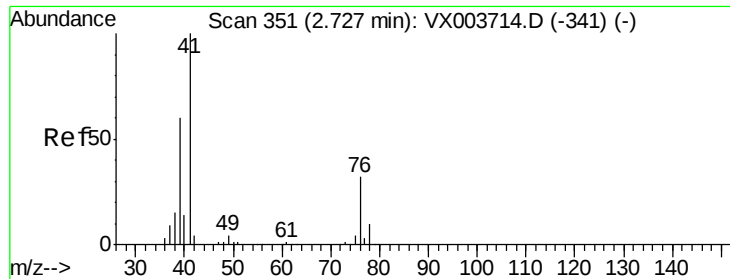
2.56

2.60

2.70

Time-->

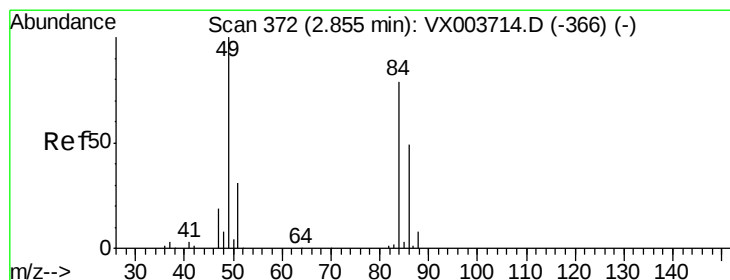
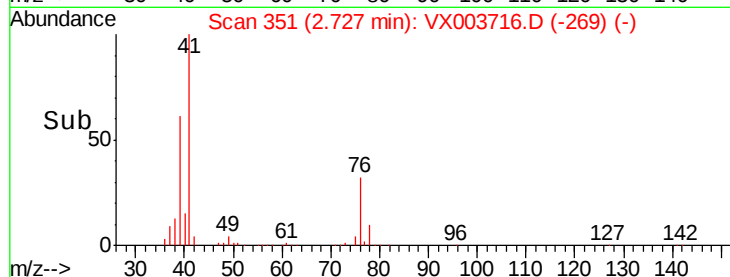
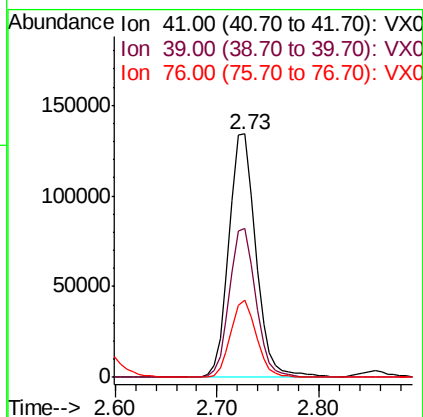
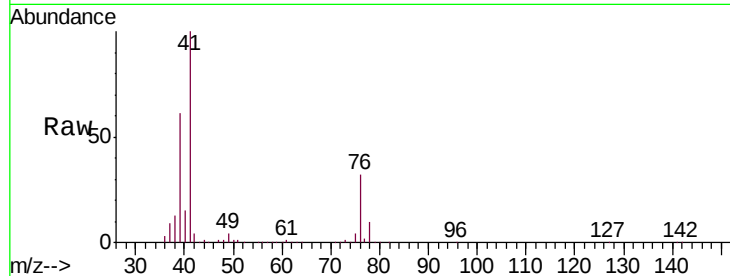




#17
 Allyl chloride
 Concen: 105.588 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

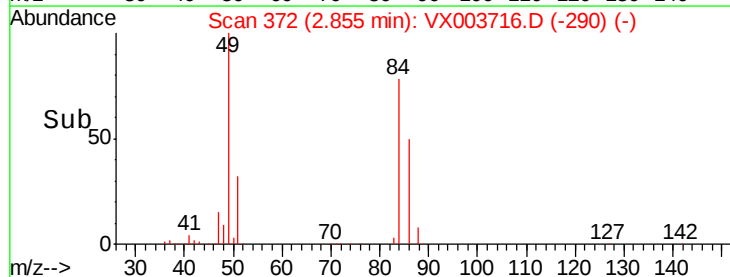
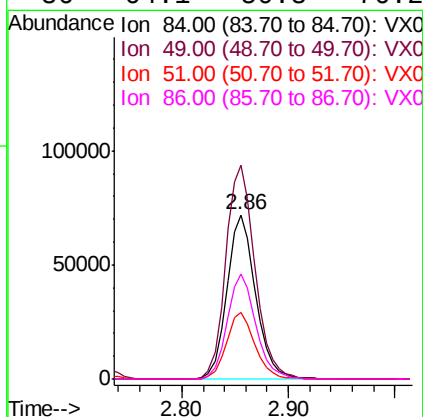
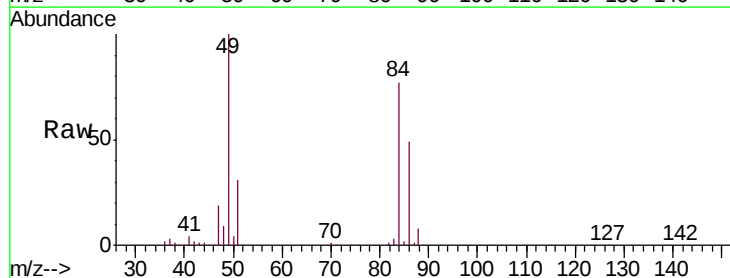
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

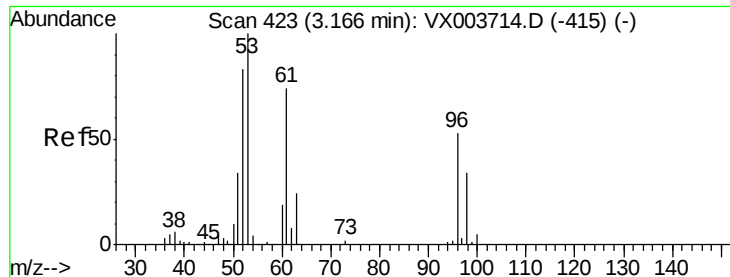
Tgt Ion: 41 Resp: 246909
 Ion Ratio Lower Upper
 41 100
 39 60.9 34.6 103.8
 76 31.7 15.0 45.1



#18
 Methylene Chloride
 Concen: 101.343 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 84 Resp: 135644
 Ion Ratio Lower Upper
 84 100
 49 129.9 104.7 157.1
 51 40.4 31.0 46.4
 86 64.1 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 102.808 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

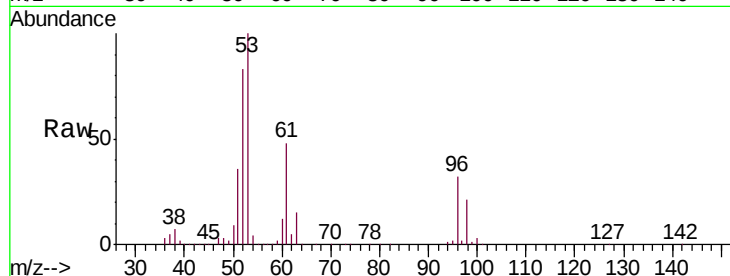
Tgt Ion: 96 Resp: 125565

Ion Ratio Lower Upper

96 100

61 148.6 114.6 172.0

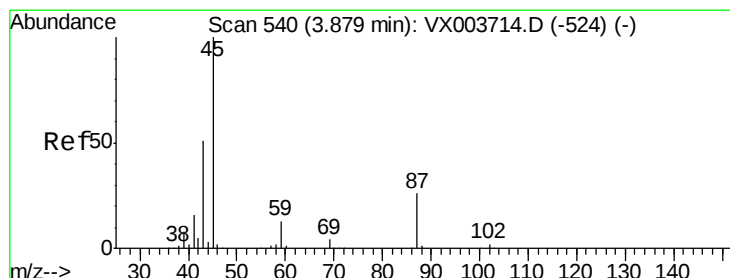
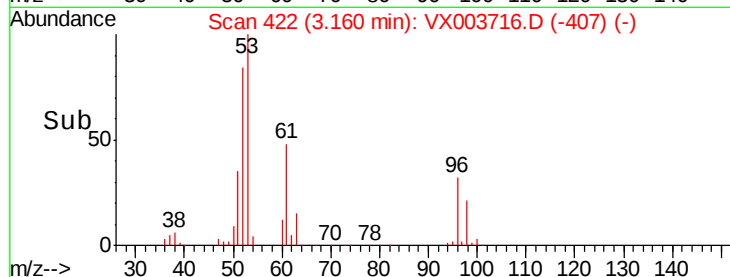
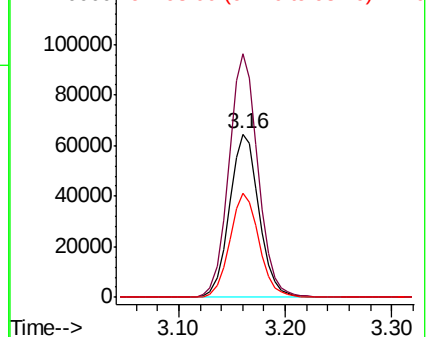
98 64.0 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 107.186 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Tgt Ion: 45 Resp: 460289

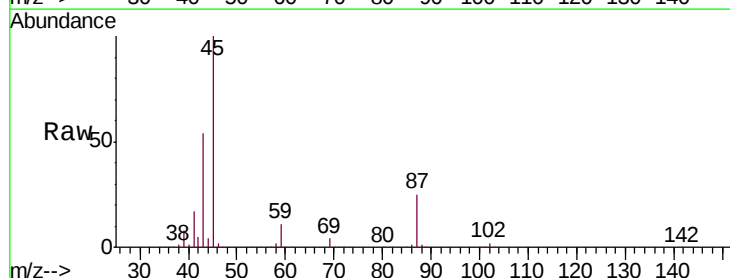
Ion Ratio Lower Upper

45 100

43 54.3 45.6 68.4

87 24.9 20.7 31.1

59 11.4 8.9 13.3

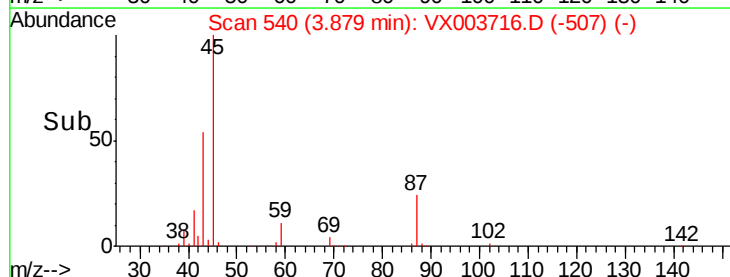
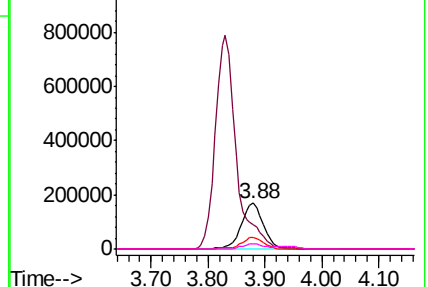


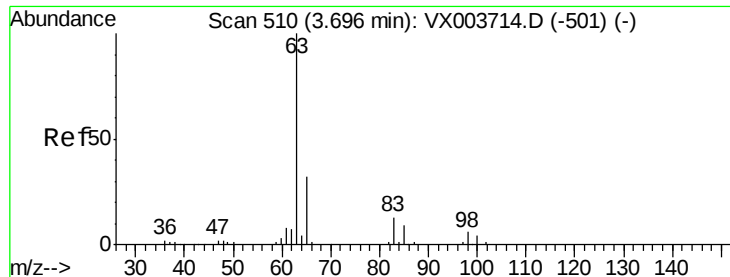
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 103.490 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

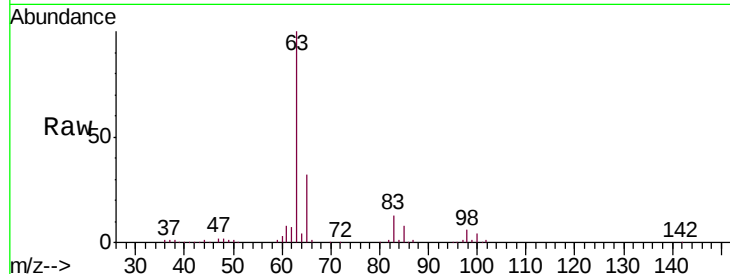
Tgt Ion: 63 Resp: 251584

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

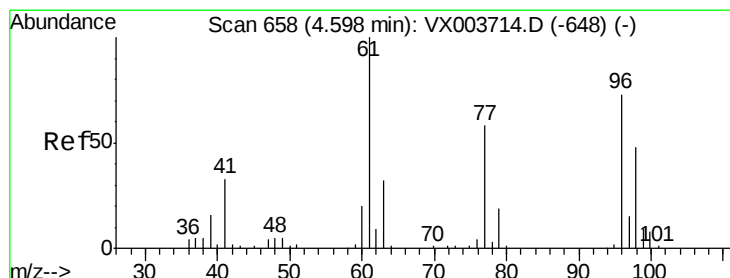
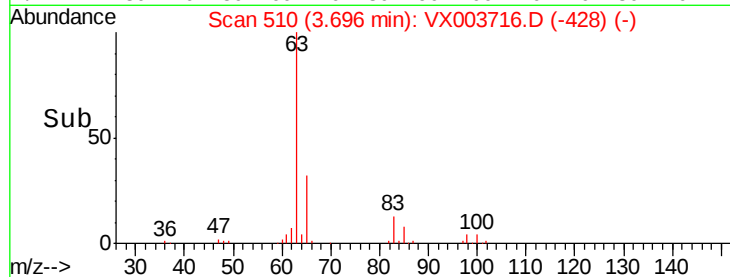
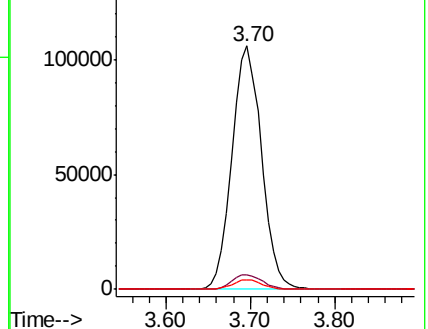
100 4.0 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 98.833 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

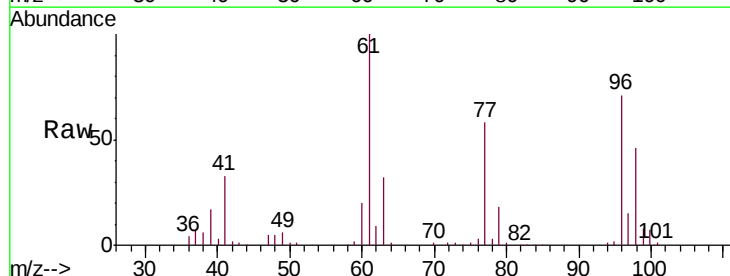
Tgt Ion: 96 Resp: 121896

Ion Ratio Lower Upper

96 100

61 154.1 160.2 240.2#

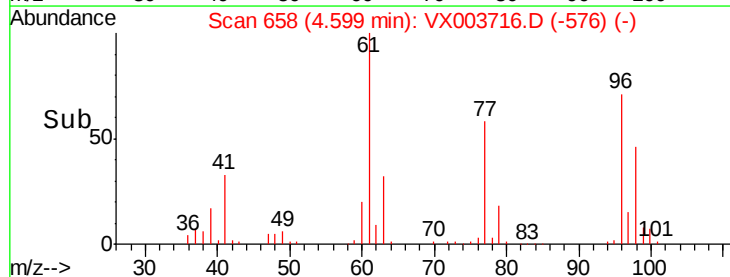
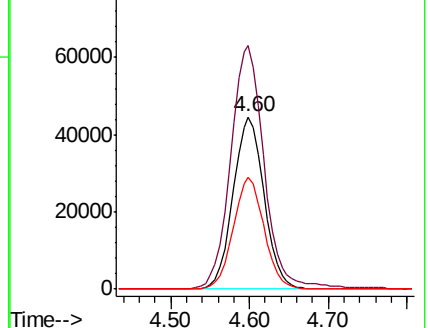
98 64.3 54.1 81.1

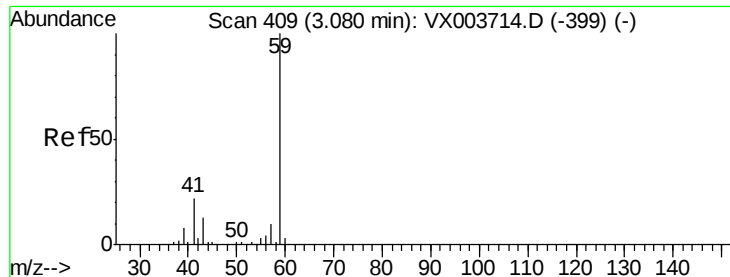


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



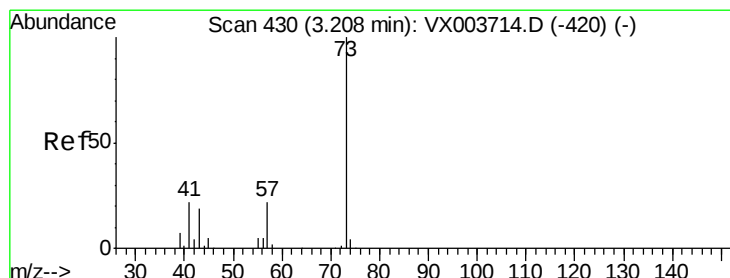
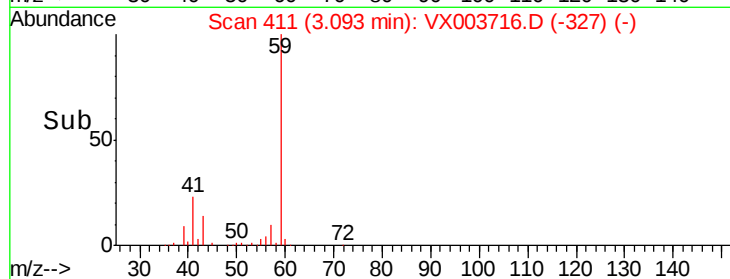
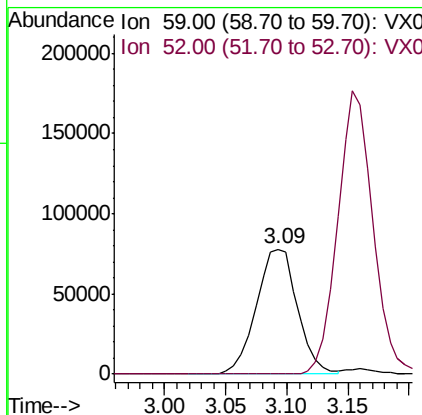
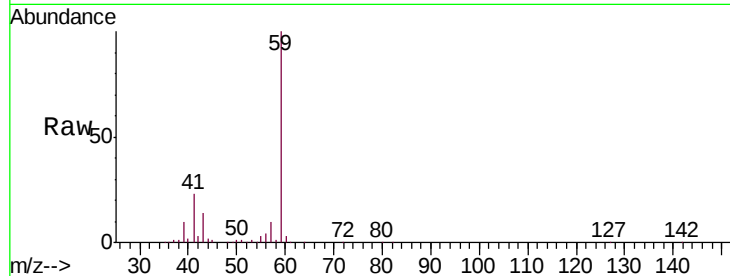


#23

tert-Butyl Alcohol
Concen: 526.488 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

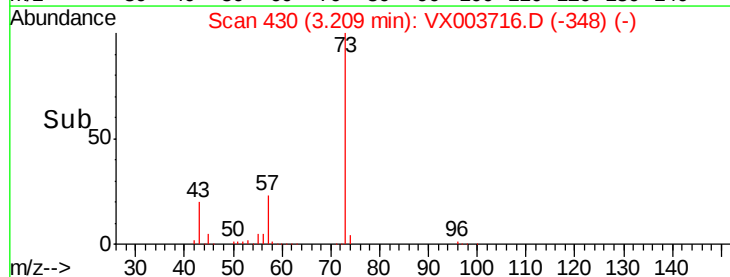
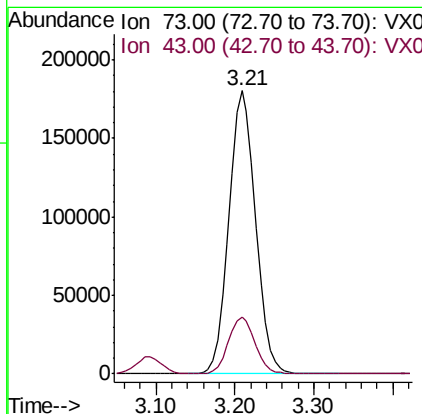
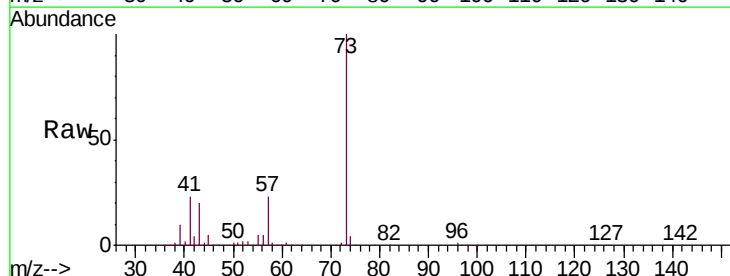
Tgt Ion: 59 Resp: 182182
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2#

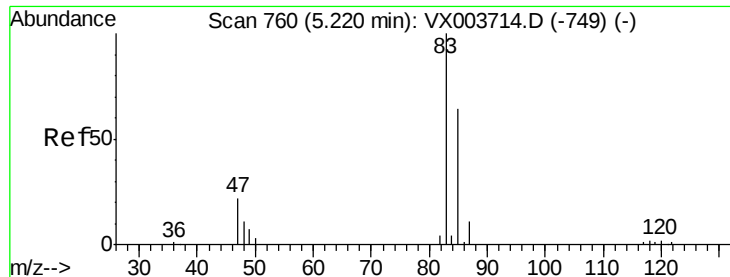


#24

Methyl tert-Butyl Ether
Concen: 104.637 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 73 Resp: 424020
Ion Ratio Lower Upper
73 100
43 20.0 19.0 28.4

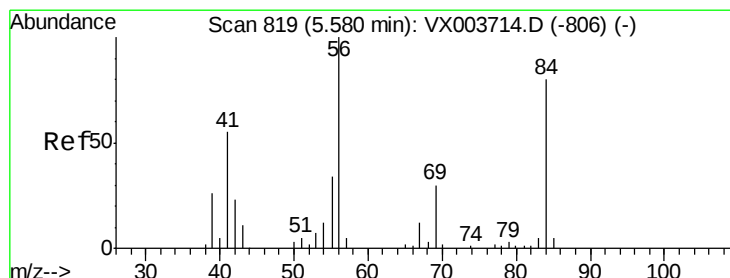
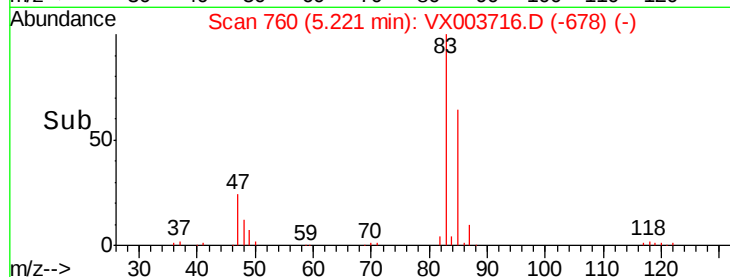
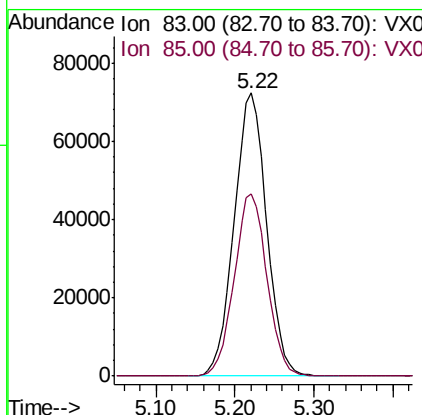
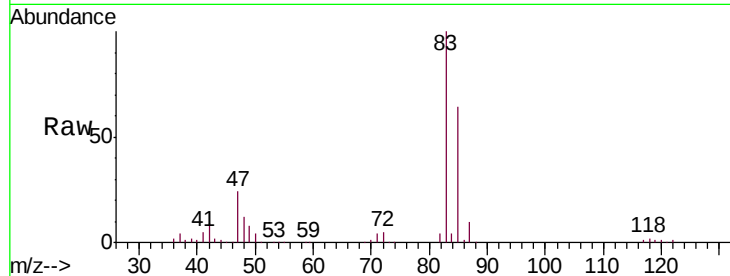




#25
Chloroform
Concen: 98.380 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

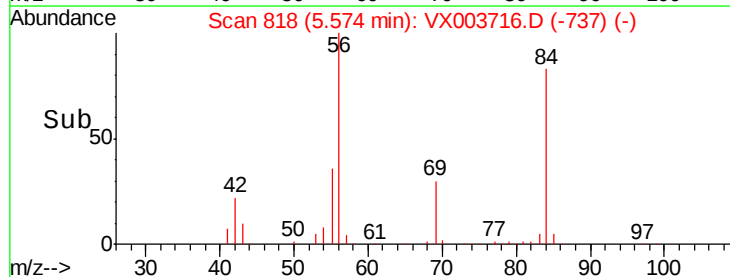
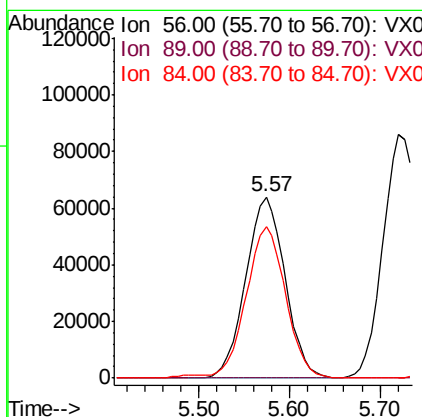
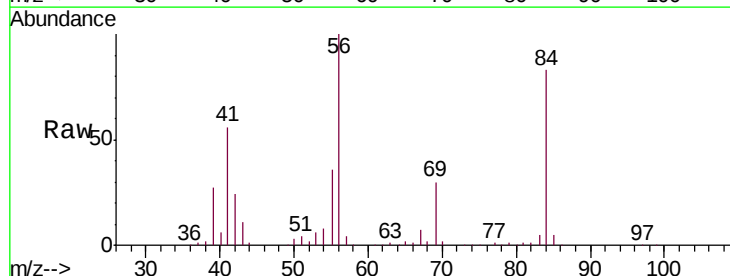
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

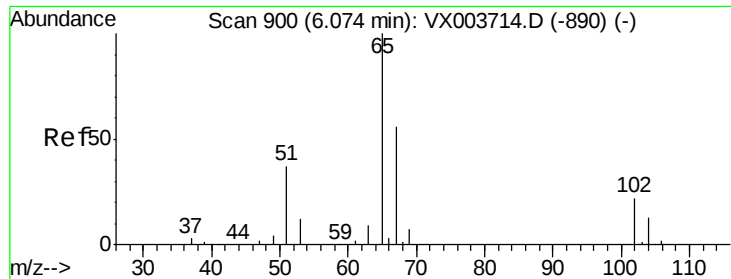
Tgt Ion: 83 Resp: 207123
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9



#26
Cyclohexane
Concen: 105.212 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 56 Resp: 192149
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.5 64.9 97.3

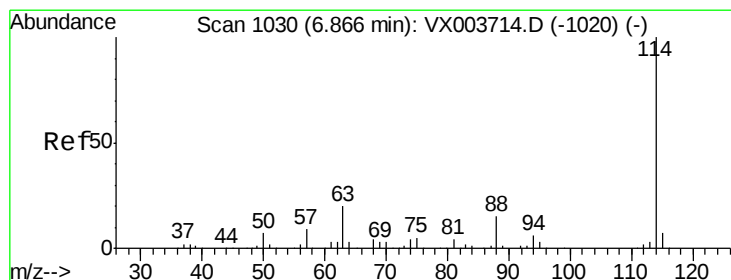
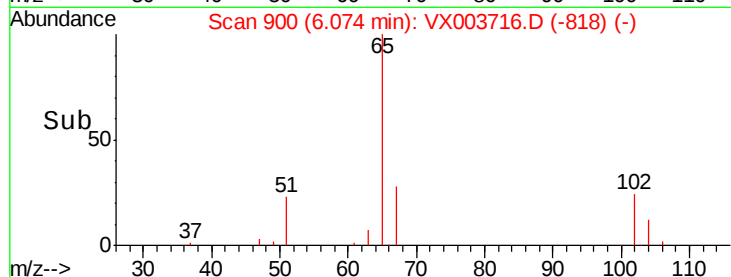
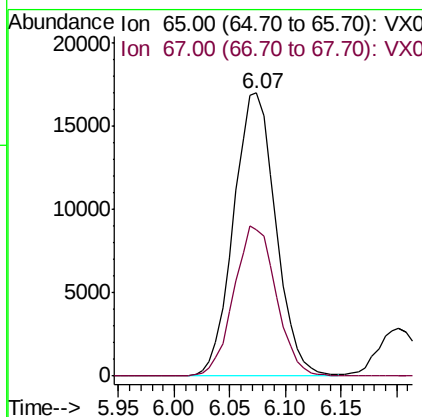
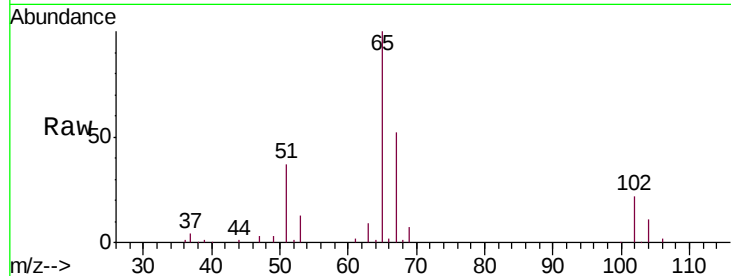




#27
 1,2-Dichloroethane-d4
 Concen: 30.838 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

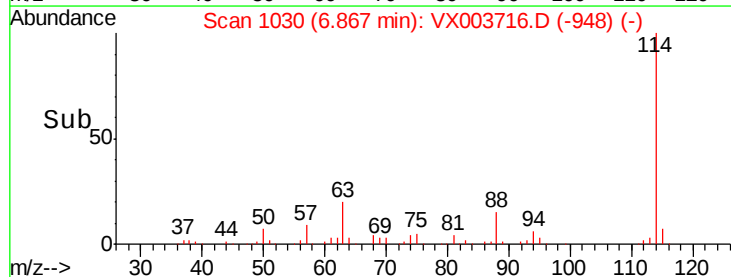
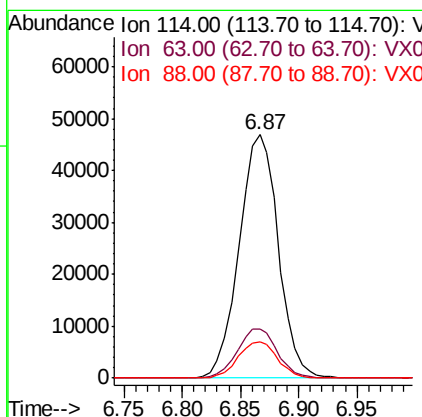
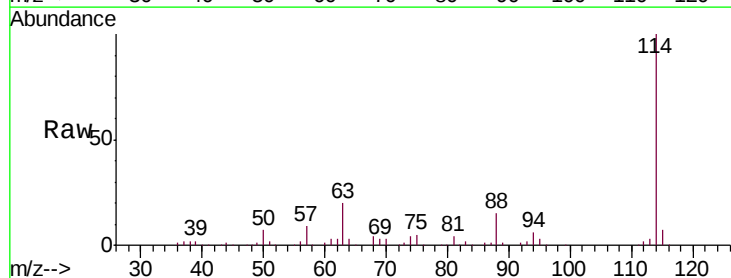
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

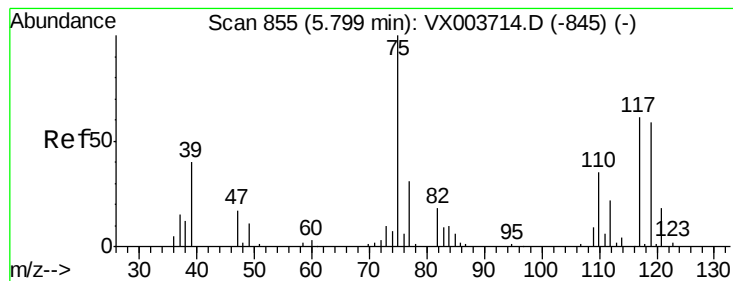
Tgt Ion: 65 Resp: 44618
 Ion Ratio Lower Upper
 65 100
 67 53.2 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 114 Resp: 110011
 Ion Ratio Lower Upper
 114 100
 63 20.7 17.1 25.7
 88 15.1 12.6 19.0





#29

1,1-Dichloropropene

Concen: 99.207 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

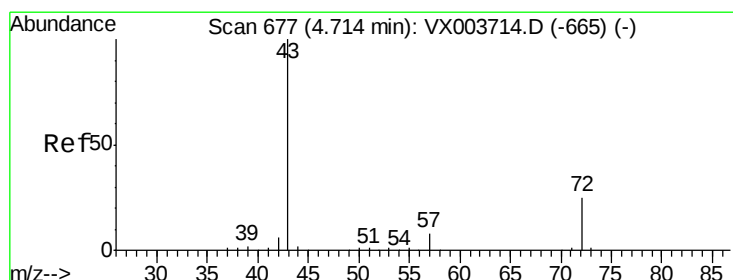
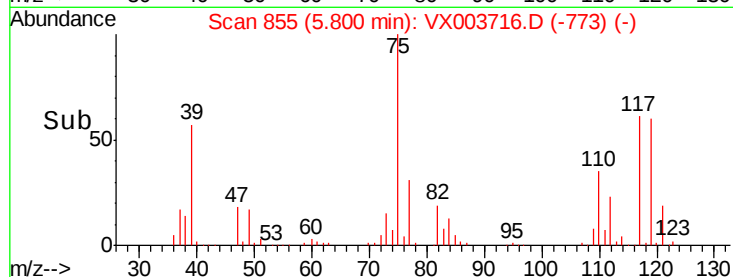
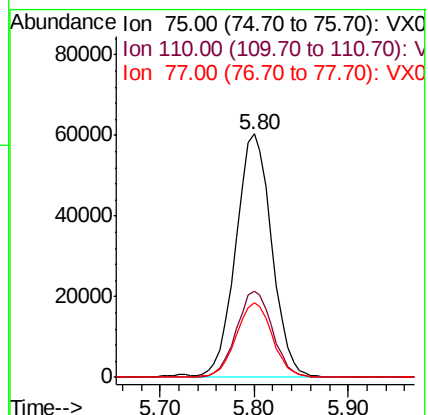
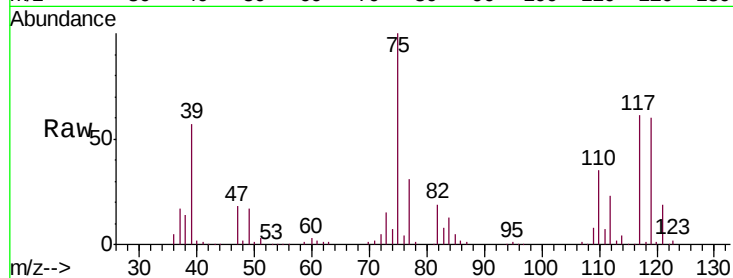
Tgt Ion: 75 Resp: 161168

Ion Ratio Lower Upper

75 100

110 35.3 0.0 71.4

77 30.9 0.0 60.6



#30

2-Butanone

Concen: 478.253 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

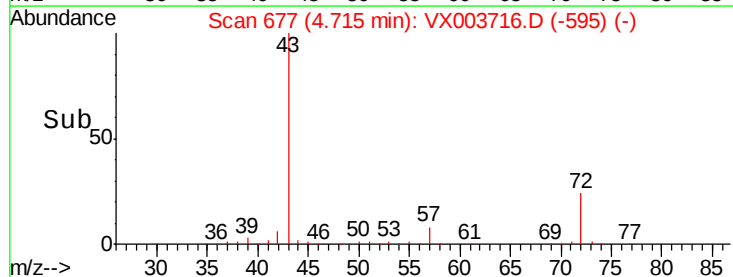
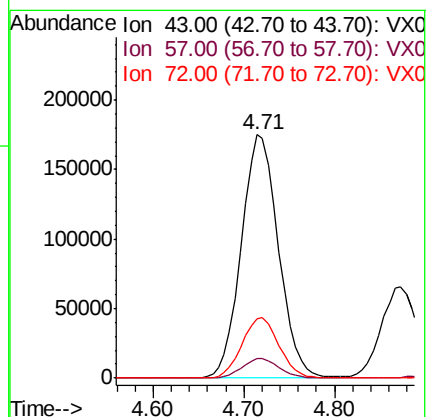
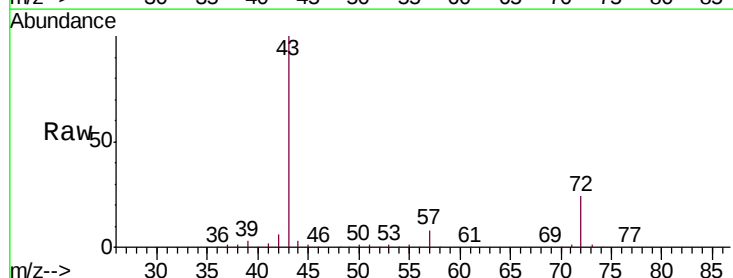
Tgt Ion: 43 Resp: 496157

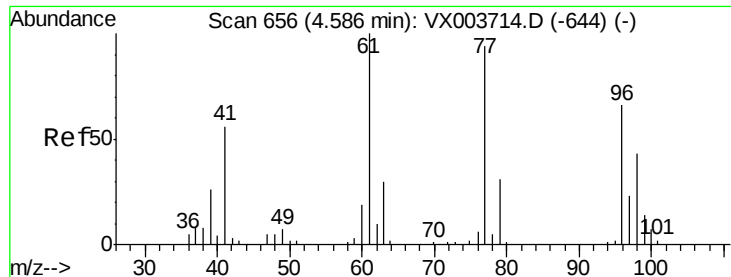
Ion Ratio Lower Upper

43 100

57 8.0 6.1 9.1

72 24.9 18.1 27.1

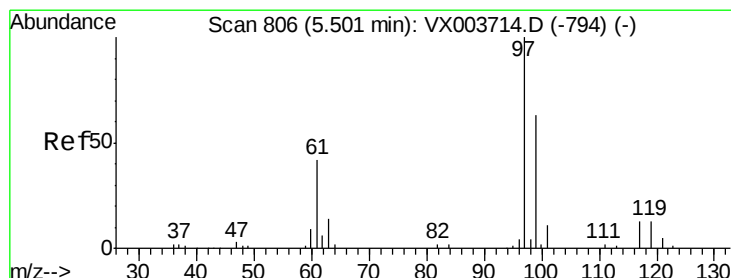
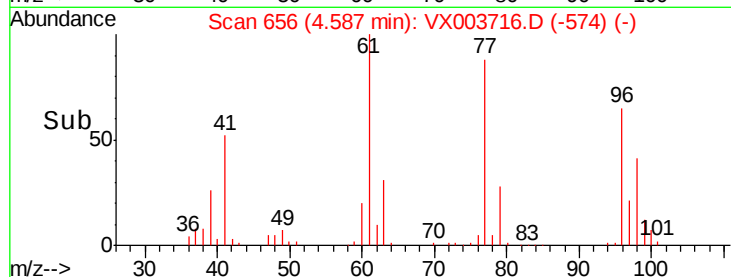
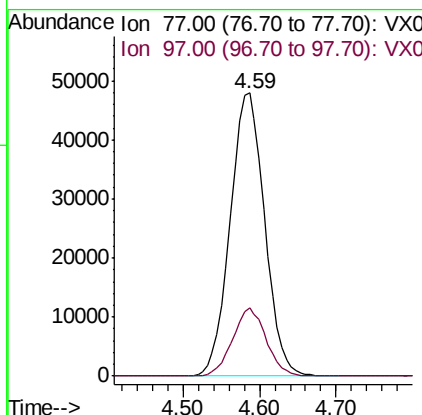
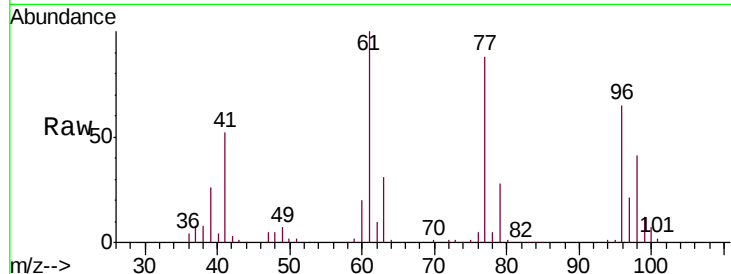




#31
 2,2-Dichloropropane
 Concen: 95.086 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

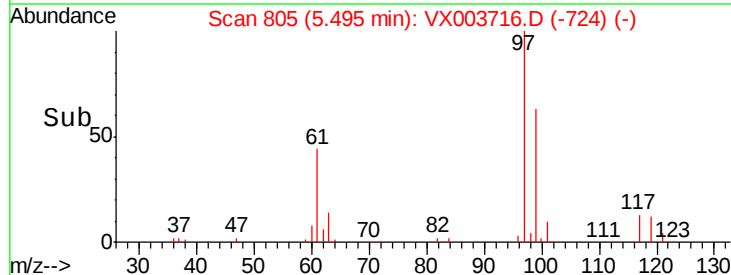
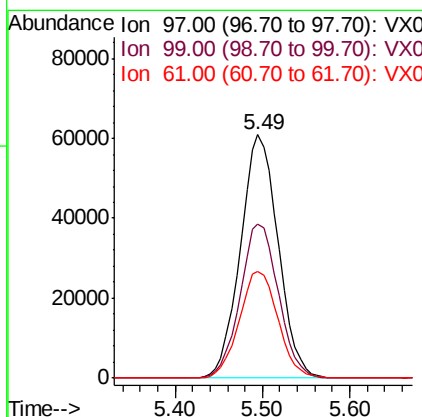
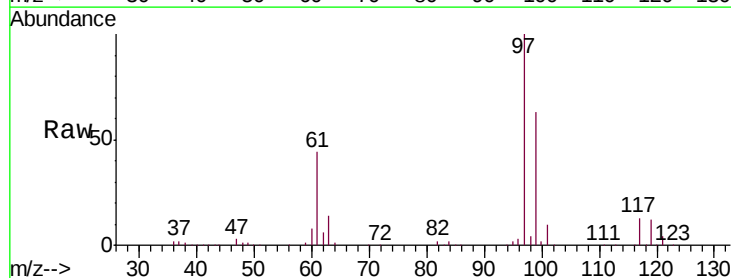
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

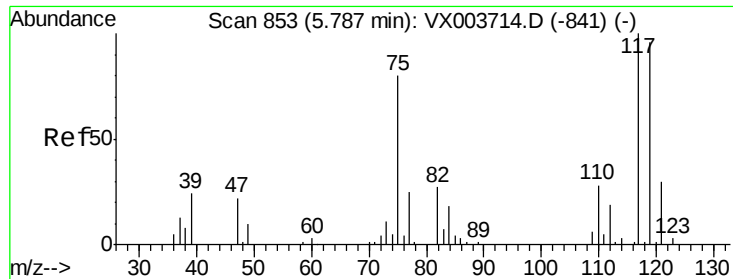
Tgt Ion: 77 Resp: 149627
 Ion Ratio Lower Upper
 77 100
 97 23.5 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 98.233 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 97 Resp: 182587
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.7 77.5
 61 45.2 36.4 54.6

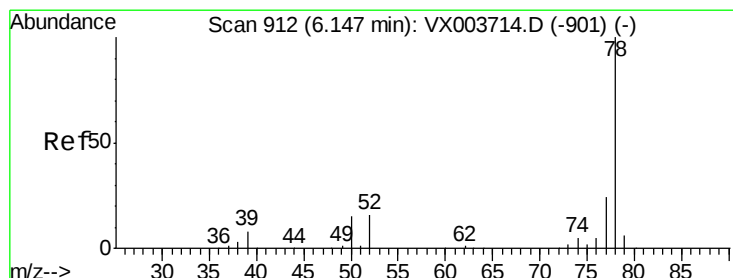
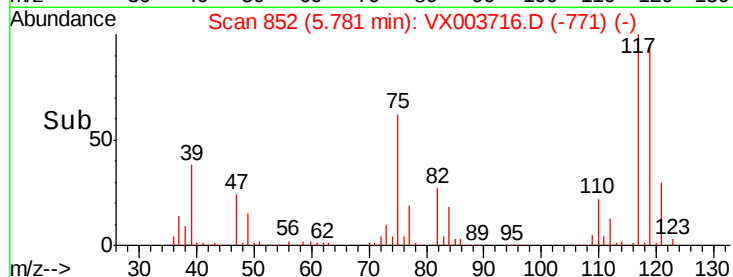
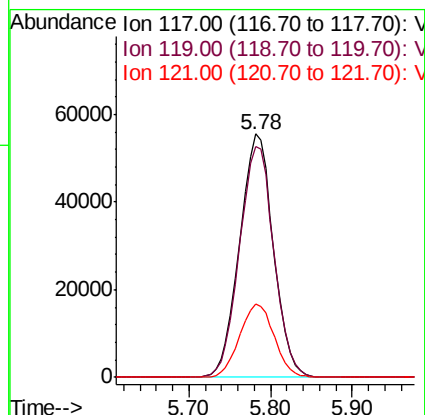
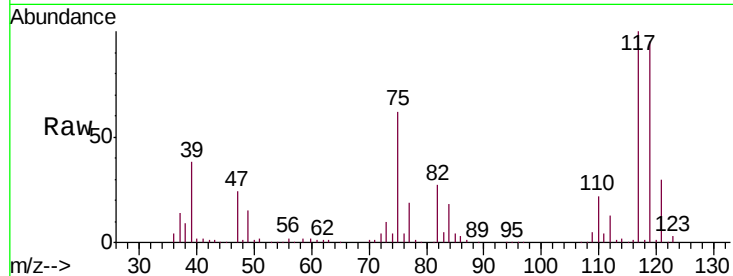




#33
Carbon Tetrachloride
Concen: 98.885 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

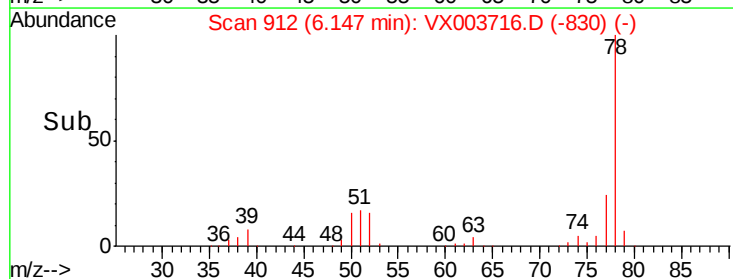
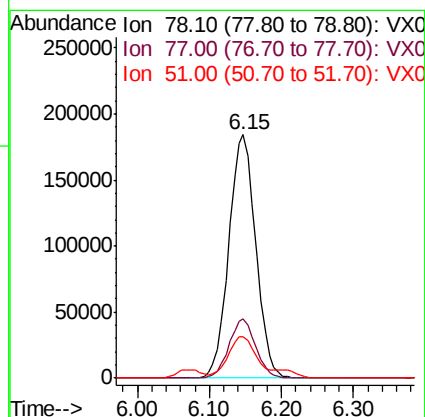
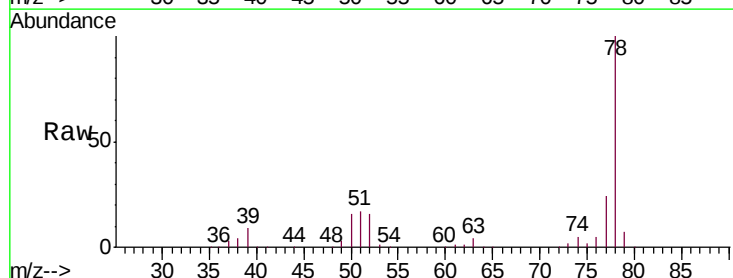
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

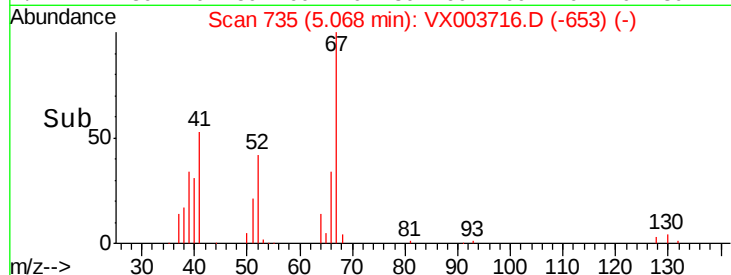
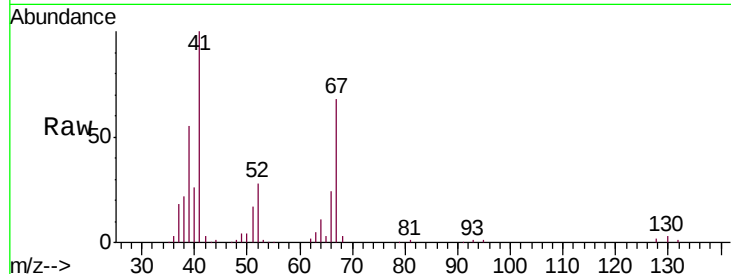
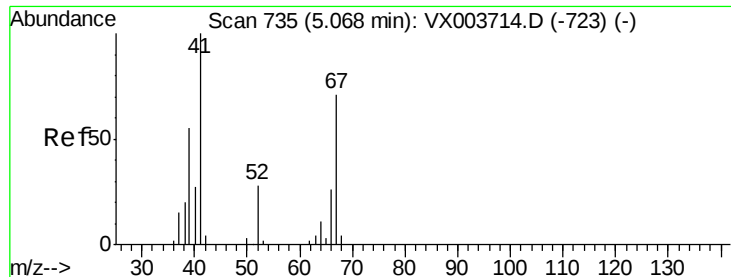
Tgt Ion: 117 Resp: 159716
Ion Ratio Lower Upper
117 100
119 95.0 73.3 109.9
121 30.2 23.6 35.4



#34
Benzene
Concen: 96.024 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 78 Resp: 479262
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0
51 17.1 13.8 20.6

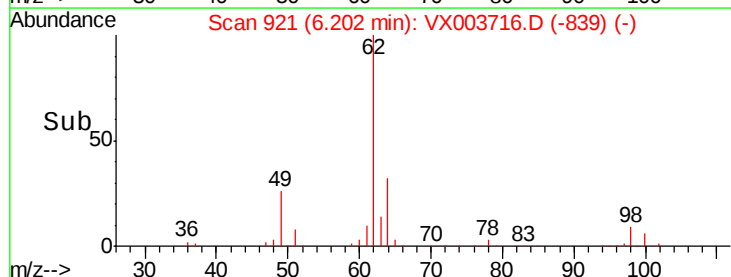
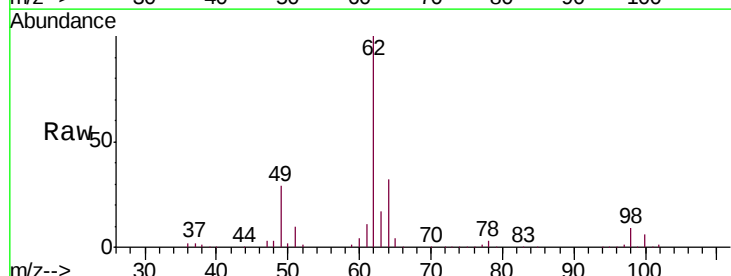
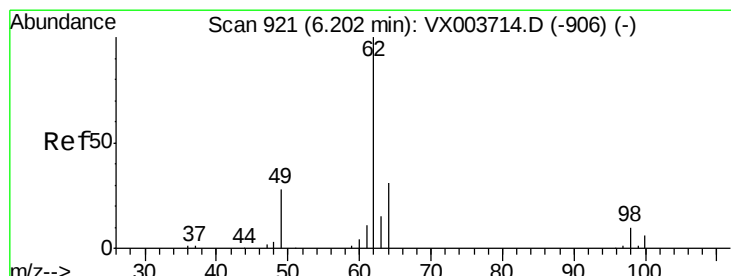
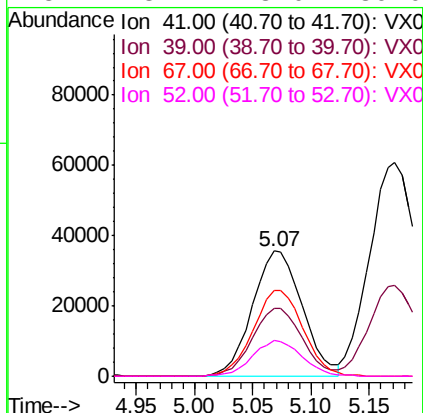




#35
Methacrylonitrile
Concen: 98.650 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

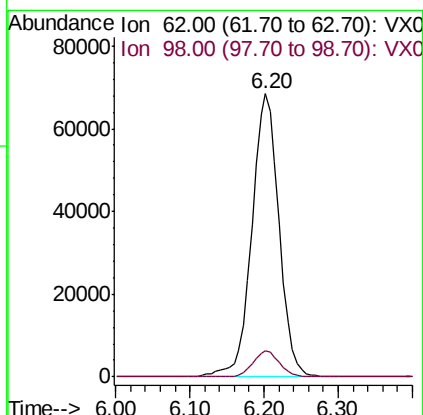
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

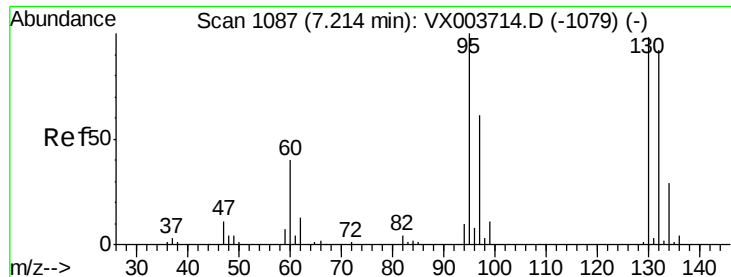
Tgt Ion:	41	Resp:	106355
Ion	Ratio	Lower	Upper
41	100		
39	54.8	28.8	86.5
67	68.5	30.4	91.2
52	28.2	13.0	39.0



#36
1,2-Dichloroethane
Concen: 97.447 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion:	62	Resp:	174820
Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.5	9.7

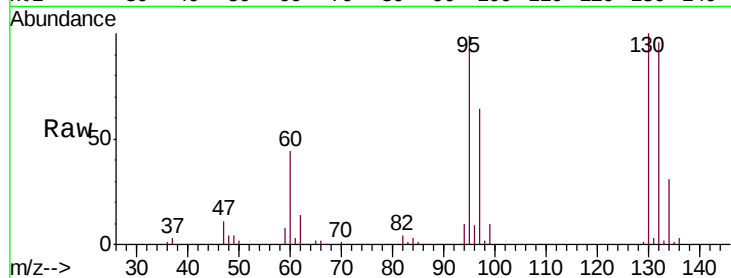




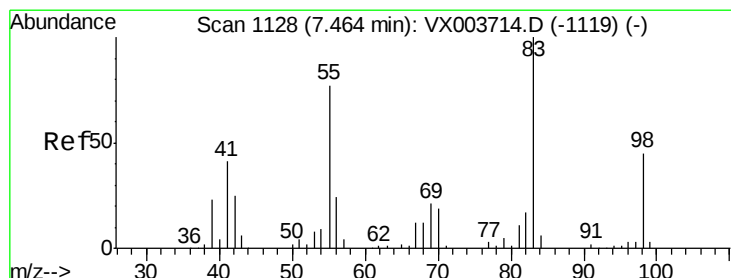
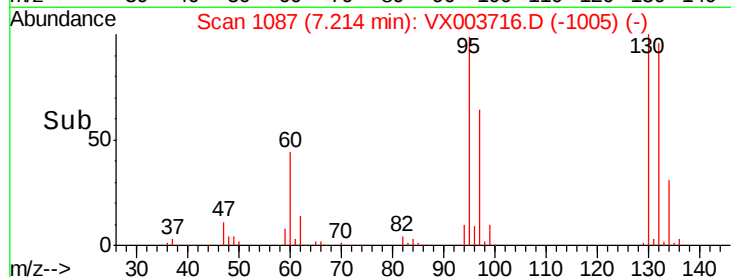
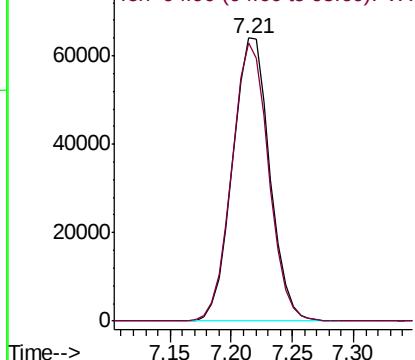
#37
 Trichloroethene
 Concen: 103.753 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 130 Resp: 134972
 Ion Ratio Lower Upper
 130 100
 95 98.4 81.5 122.3

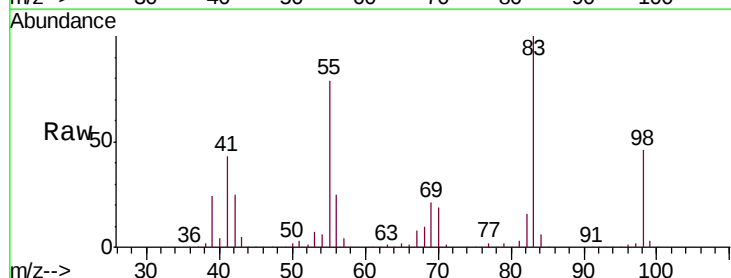


Abundance Ion 129.90 (129.60 to 130.60): VX003716.D (-1079) (-)
 Ion 94.90 (94.60 to 95.60): VX003716.D (-1079) (-)

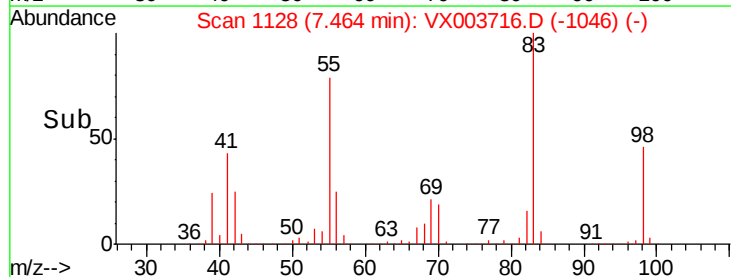
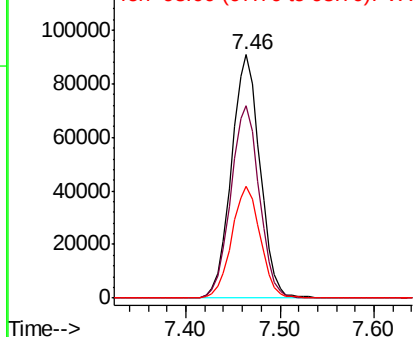


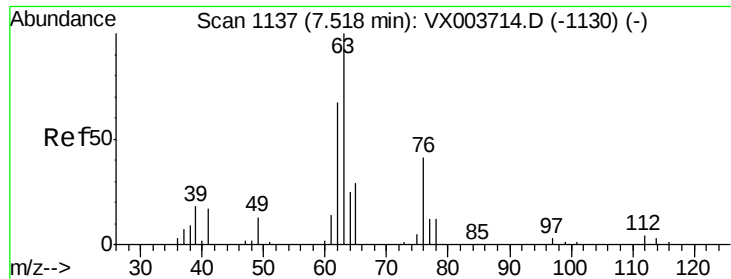
#38
 Methylcyclohexane
 Concen: 103.758 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 83 Resp: 191538
 Ion Ratio Lower Upper
 83 100
 55 79.0 40.6 121.8
 98 46.1 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX003716.D (-1046) (-)
 Ion 55.00 (54.70 to 55.70): VX003716.D (-1046) (-)
 Ion 98.00 (97.70 to 98.70): VX003716.D (-1046) (-)

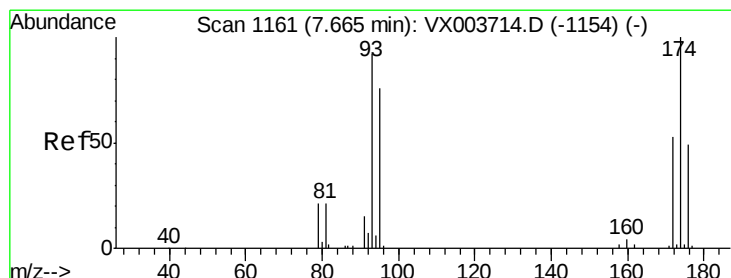
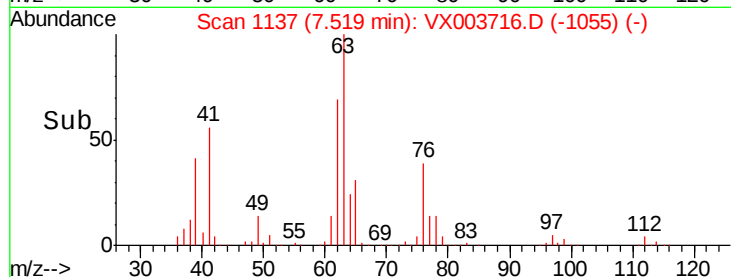
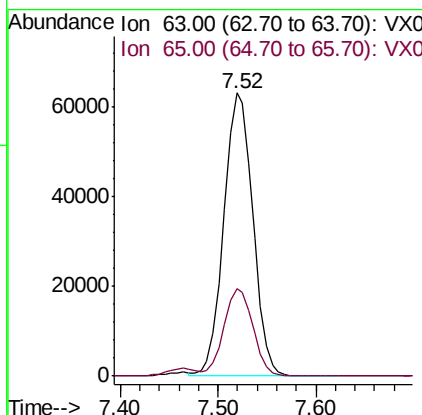
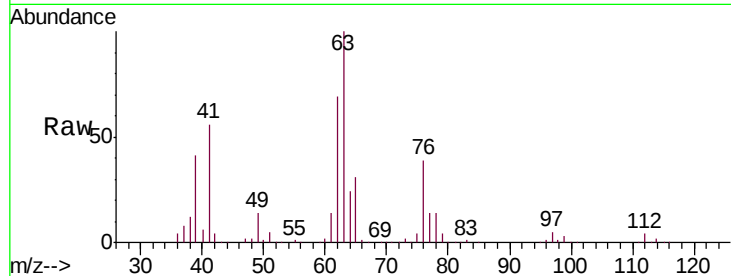




#39
 1,2-Dichloropropane
 Concen: 98.758 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

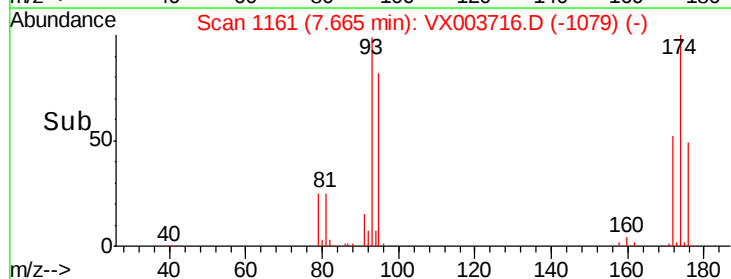
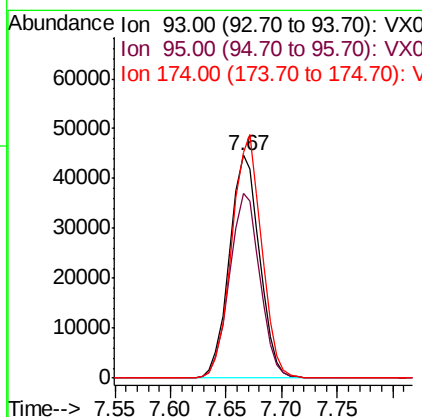
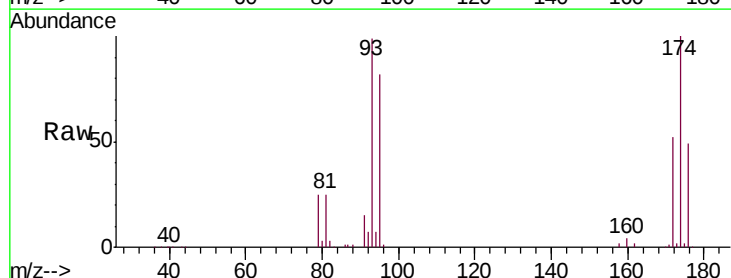
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

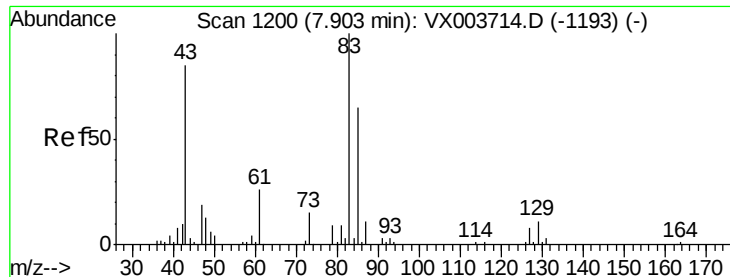
Tgt Ion: 63 Resp: 130263
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.3 34.9



#40
 Dibromomethane
 Concen: 98.566 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 93 Resp: 84133
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 162.6
 174 107.5 0.0 229.4





#41

Bromodichloromethane

Concen: 104.165 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

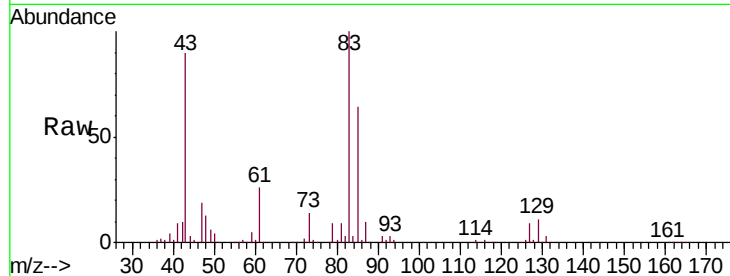
Tgt Ion: 83 Resp: 169870

Ion Ratio Lower Upper

83 100

85 64.0 49.8 74.8

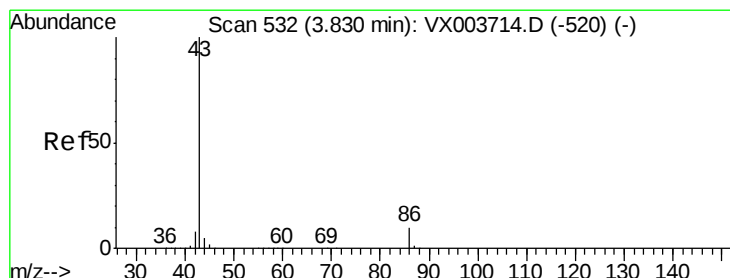
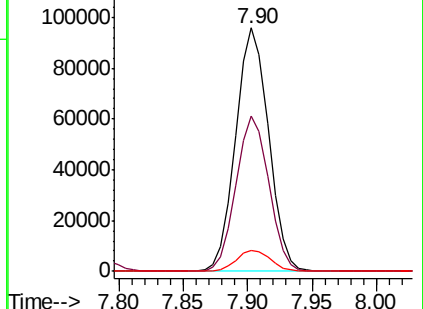
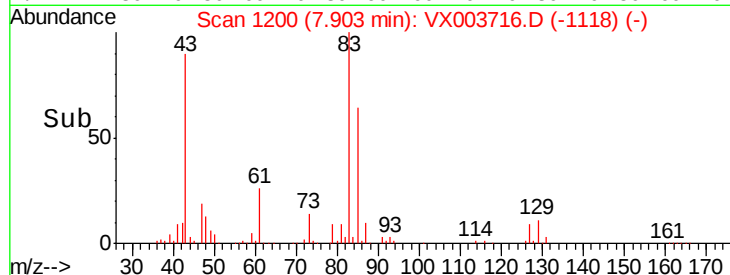
127 8.7 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 505.420 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003716.D

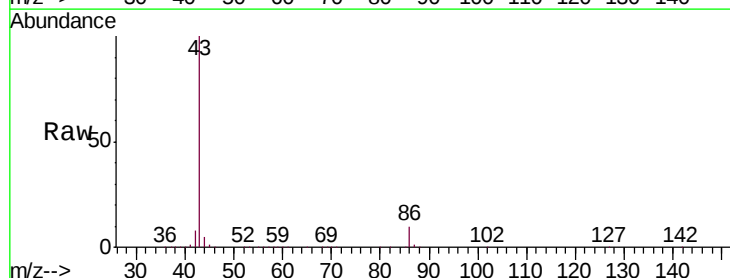
Acq: 27 Jul 2018 14:51

Tgt Ion: 43 Resp: 2014779

Ion Ratio Lower Upper

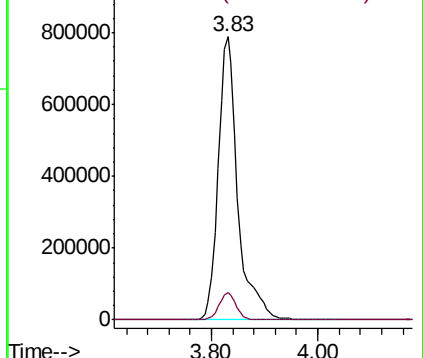
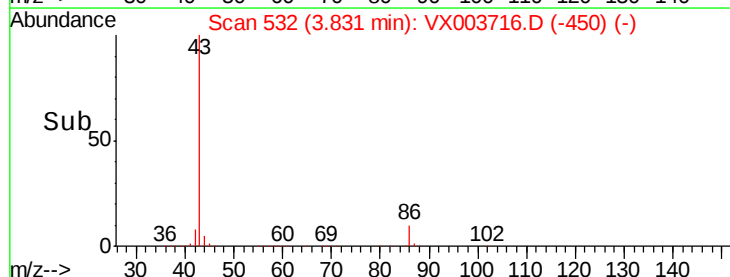
43 100

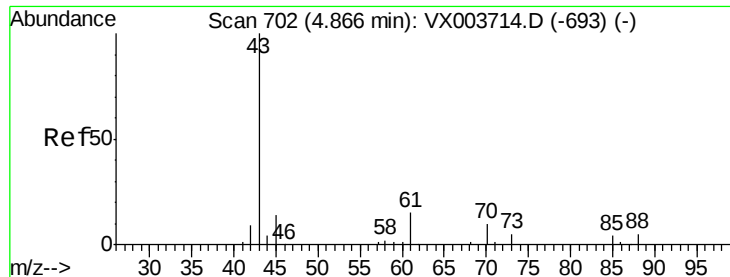
86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 97.115 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

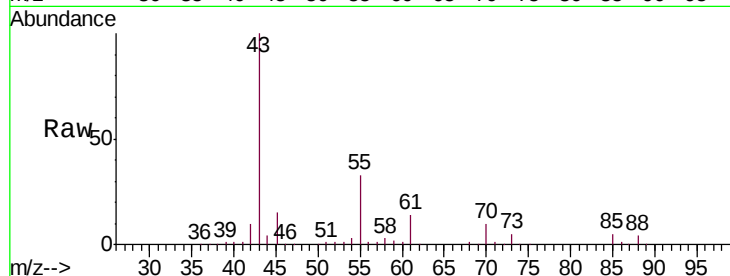
VSTDIC100

Tgt Ion: 43 Resp: 188195

Ion Ratio Lower Upper

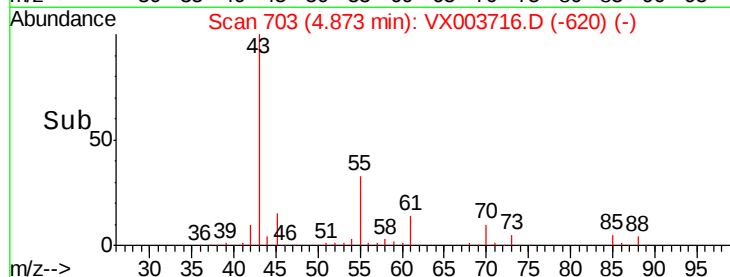
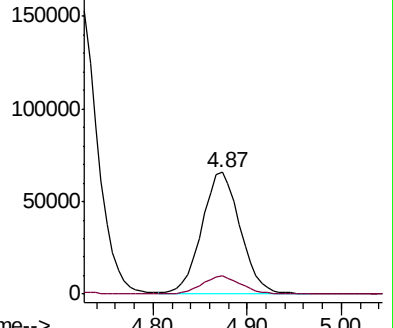
43 100

45 15.1 11.0 16.4

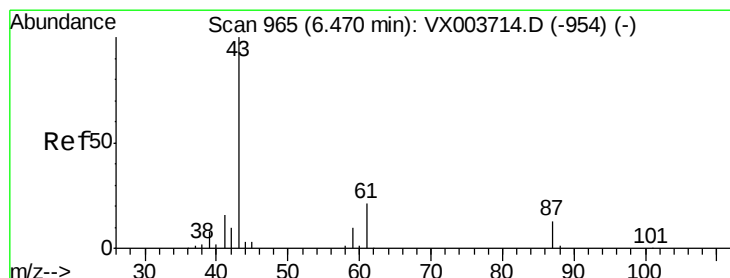


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



#44

Isopropyl Acetate

Concen: 101.389 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003716.D

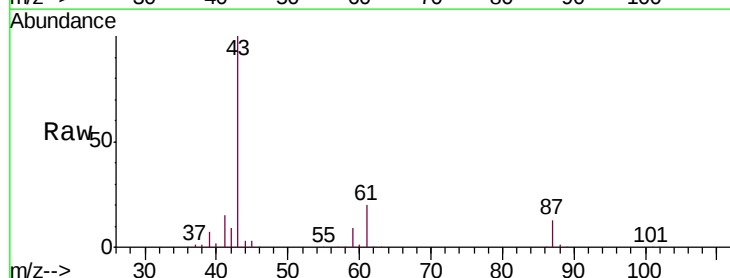
Acq: 27 Jul 2018 14:51

Tgt Ion: 43 Resp: 301352

Ion Ratio Lower Upper

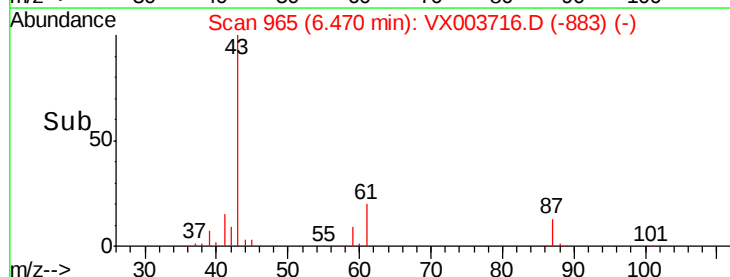
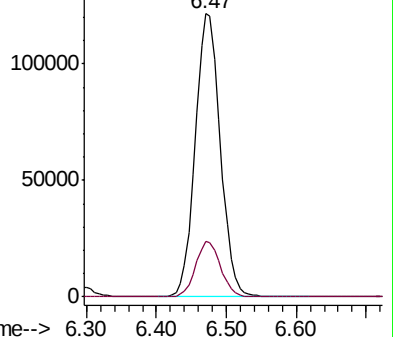
43 100

61 19.6 14.5 21.7

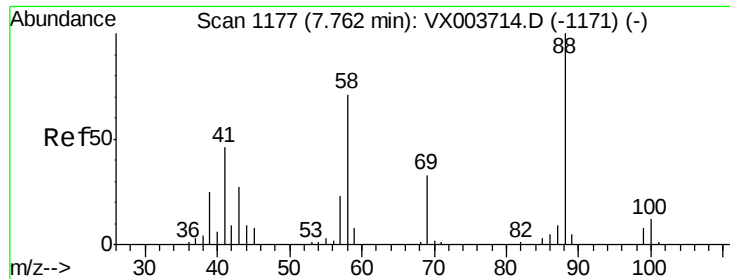


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



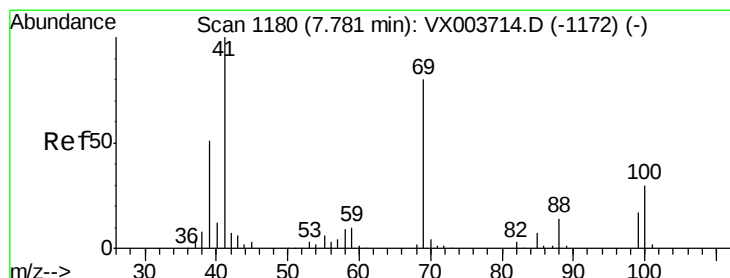
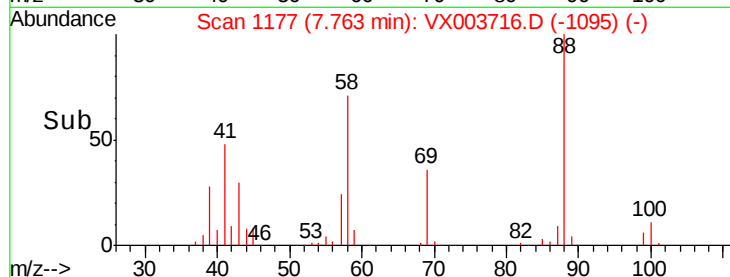
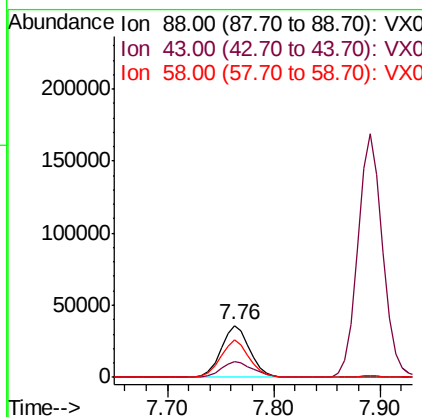
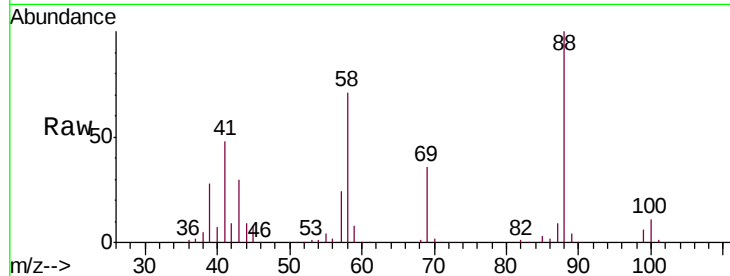
Time-->



#45
 1,4-Dioxane
 Concen: 2040.270 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

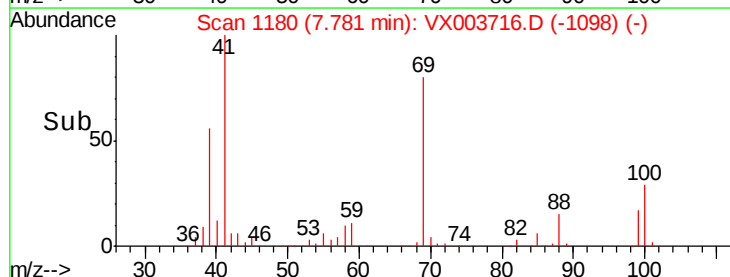
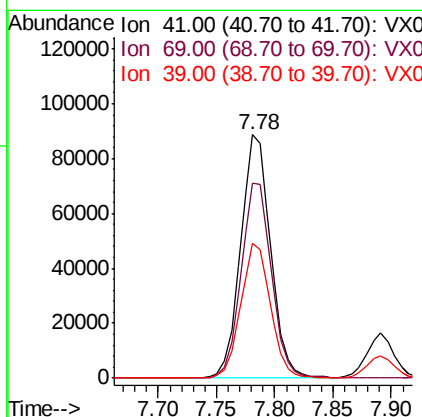
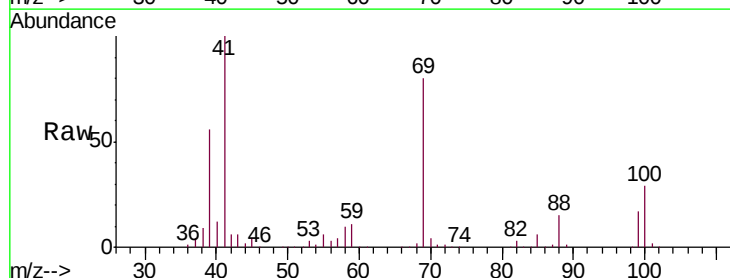
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

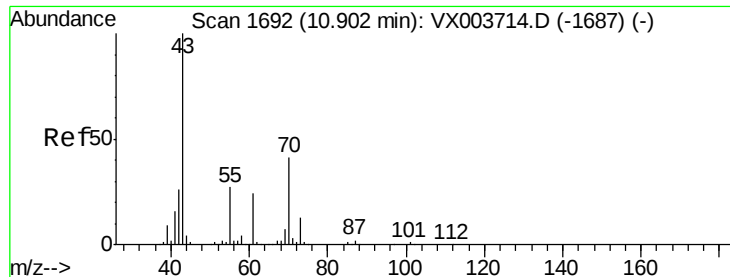
Tgt Ion: 88 Resp: 67347
 Ion Ratio Lower Upper
 88 100
 43 33.8 43.2 64.8#
 58 71.9 60.2 90.2



#46
 Methyl methacrylate
 Concen: 103.716 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 41 Resp: 159039
 Ion Ratio Lower Upper
 41 100
 69 80.3 37.0 110.9
 39 55.5 29.6 88.9





#47

n-amyl Acetate

Concen: 103.183 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

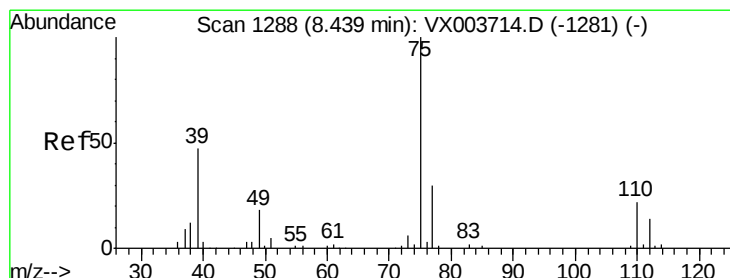
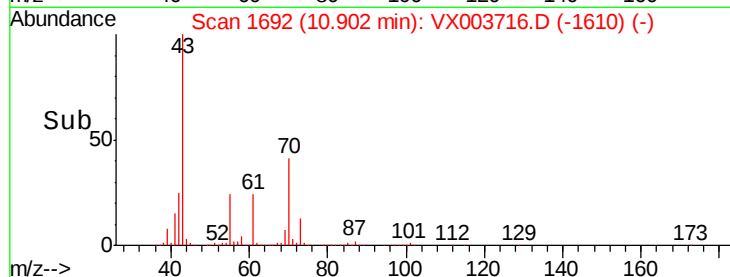
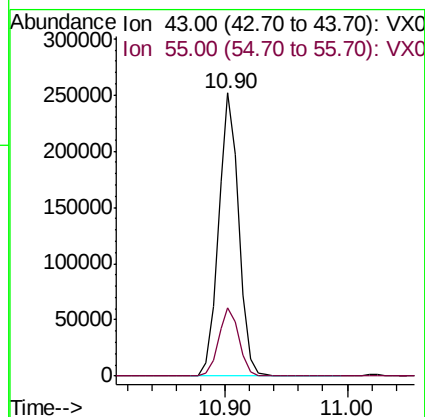
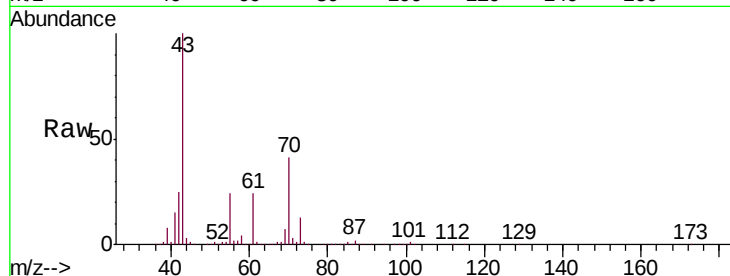
VSTDIC100

Tgt Ion: 43 Resp: 289547

Ion Ratio Lower Upper

43 100

55 24.5 0.1 0.1#



#48

t-1,3-Dichloropropene

Concen: 97.733 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003716.D

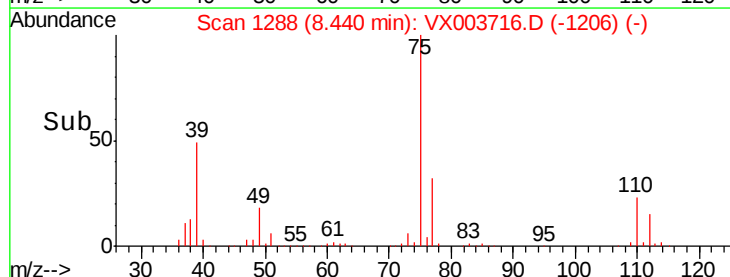
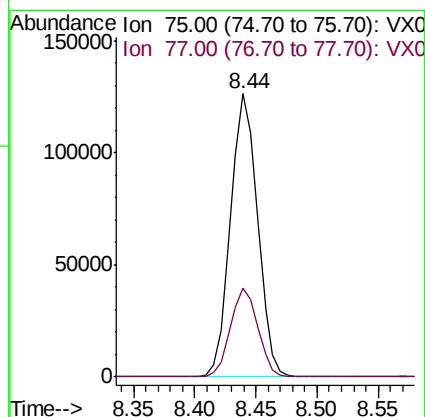
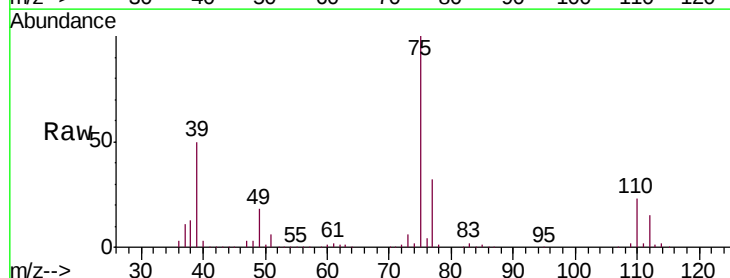
Acq: 27 Jul 2018 14:51

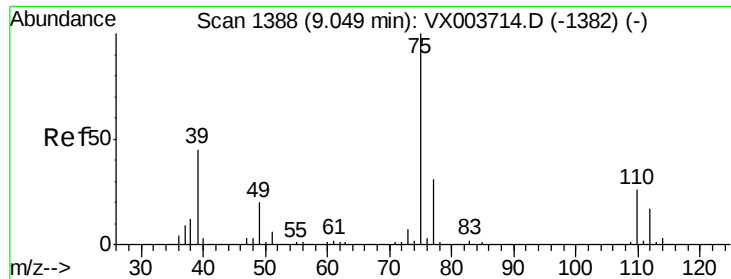
Tgt Ion: 75 Resp: 193398

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



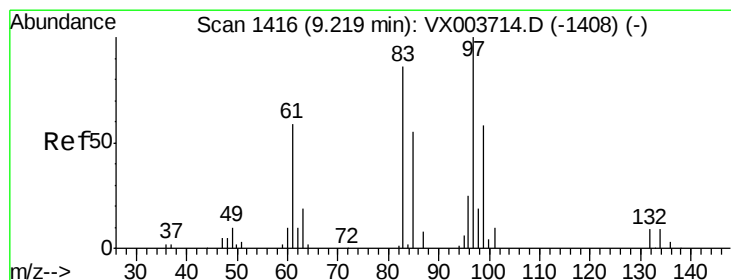
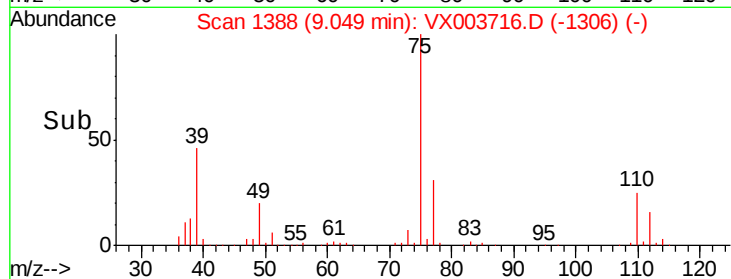
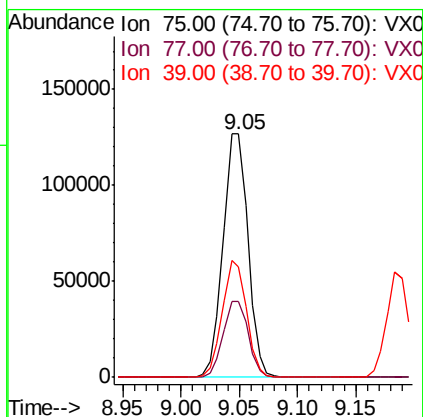
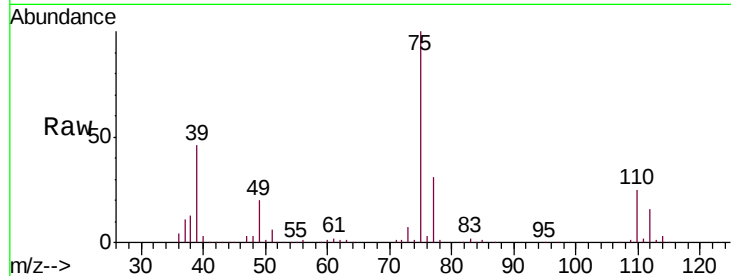


#49

cis-1,3-Dichloropropene
Concen: 101.712 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

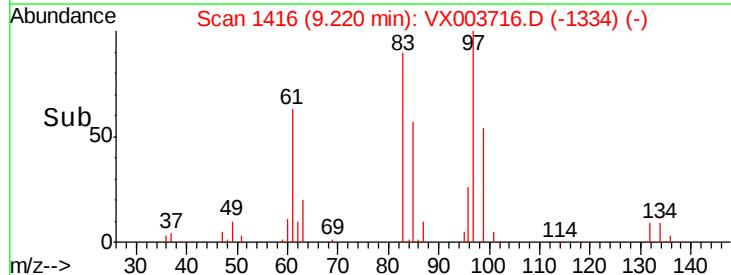
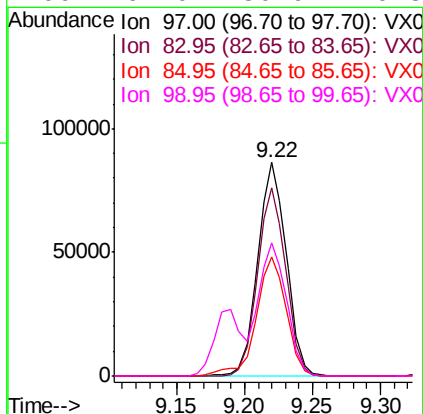
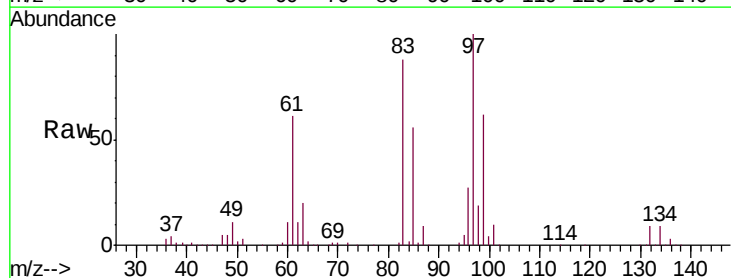
Tgt Ion: 75 Resp: 188844
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 45.5 42.3 63.5

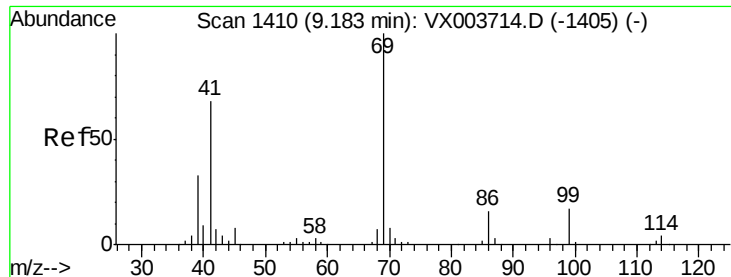


#50

1,1,2-Trichloroethane
Concen: 94.157 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 97 Resp: 127583
Ion Ratio Lower Upper
97 100
83 88.2 70.8 106.2
85 55.6 43.5 65.3
99 62.0 50.9 76.3





#51

Ethyl methacrylate

Concen: 101.766 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

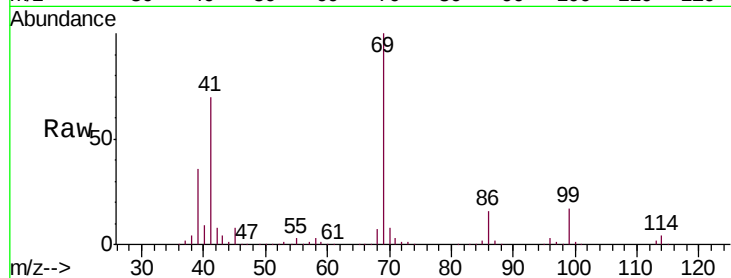
Tgt Ion: 69 Resp: 207631

Ion Ratio Lower Upper

69 100

41 69.7 39.1 117.3

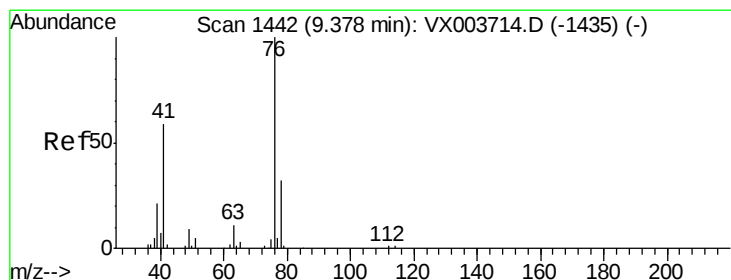
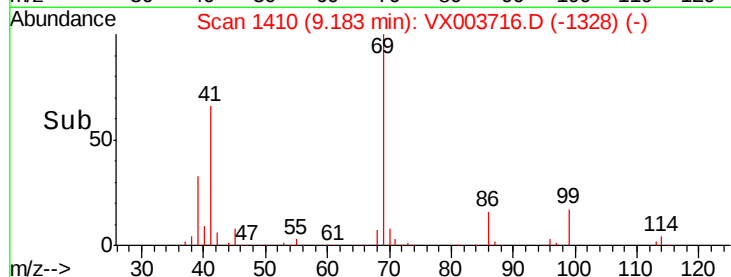
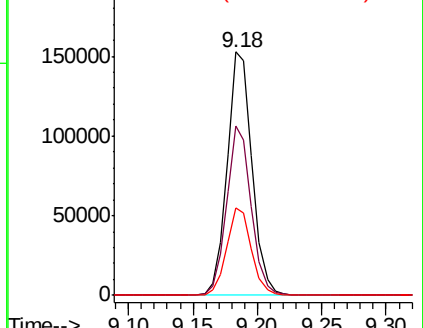
39 35.9 21.7 65.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 96.648 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003716.D

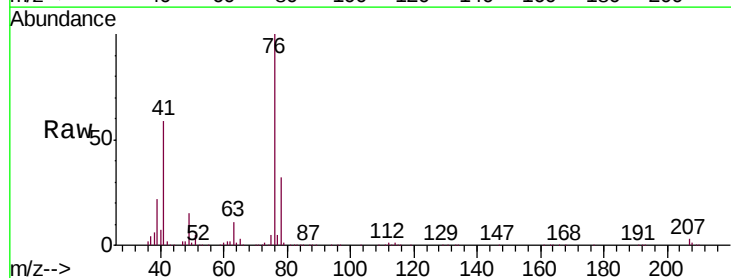
Acq: 27 Jul 2018 14:51

Tgt Ion: 76 Resp: 217938

Ion Ratio Lower Upper

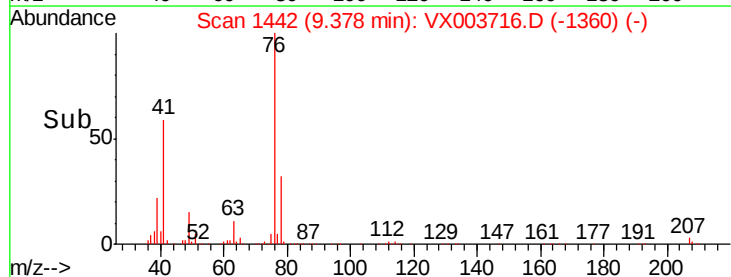
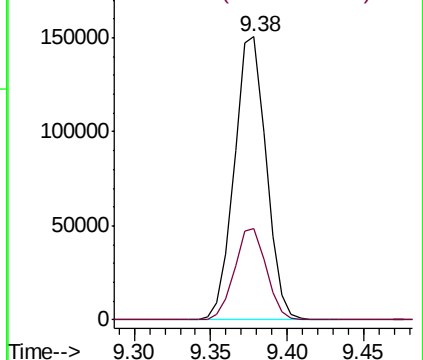
76 100

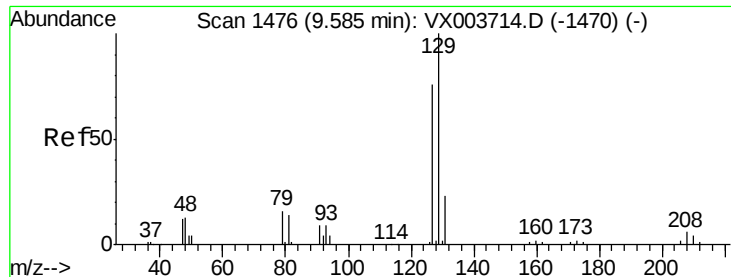
78 32.2 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 100.393 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

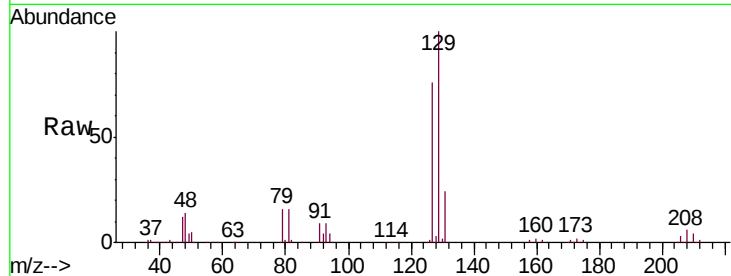
VSTDIC100

Tgt Ion:129 Resp: 133619

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.59

100000

80000

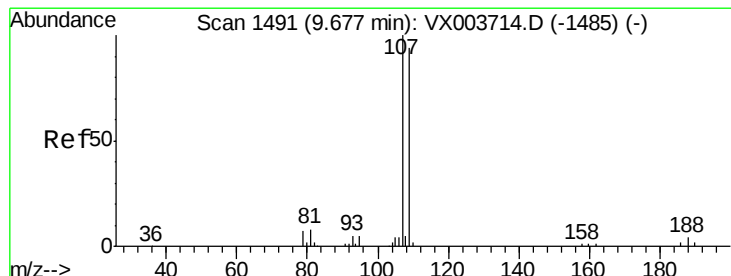
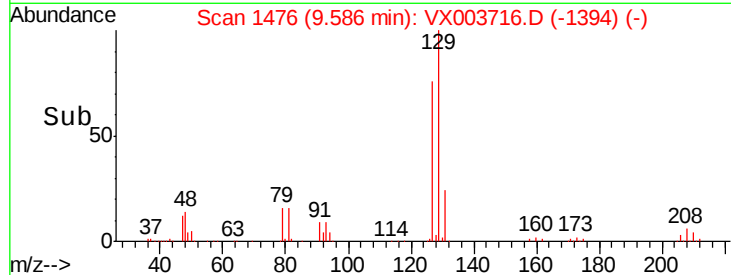
60000

40000

20000

0

Time-->



#54

1,2-Dibromoethane

Concen: 100.049 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003716.D

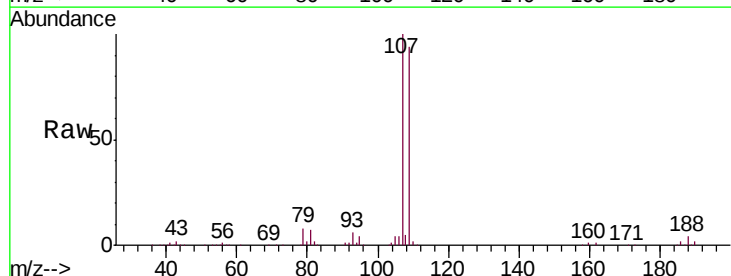
Acq: 27 Jul 2018 14:51

Tgt Ion:107 Resp: 141770

Ion Ratio Lower Upper

107 100

109 93.9 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

120000

100000

80000

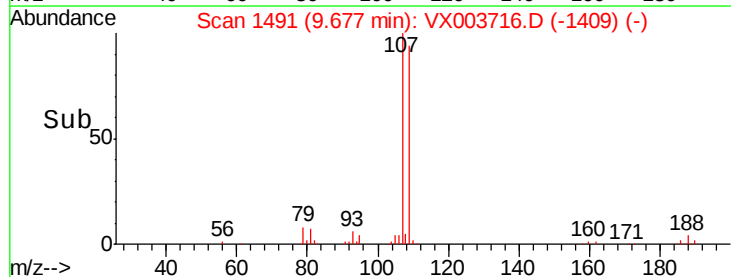
60000

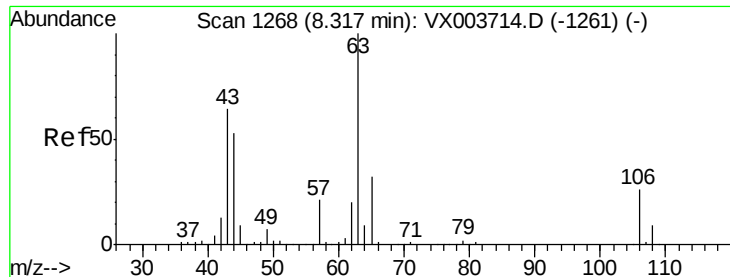
40000

20000

0

Time-->

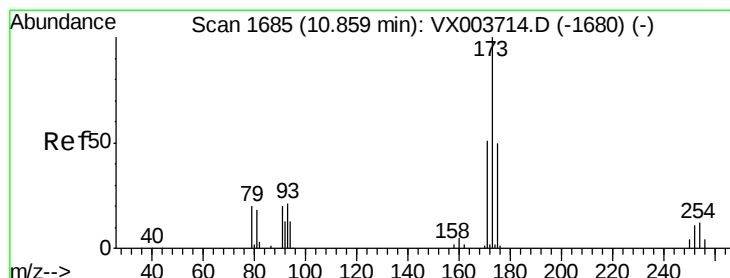
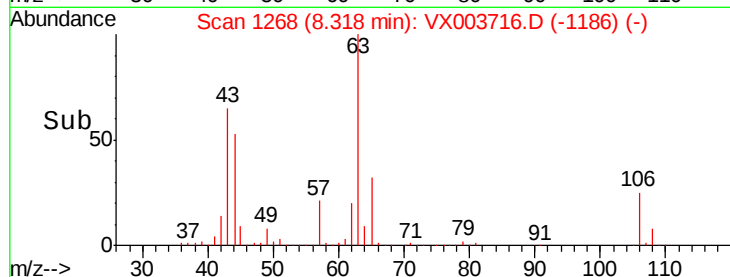
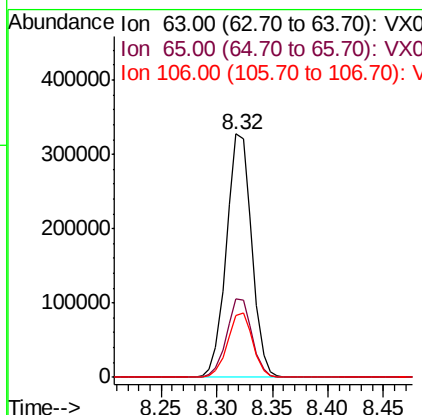
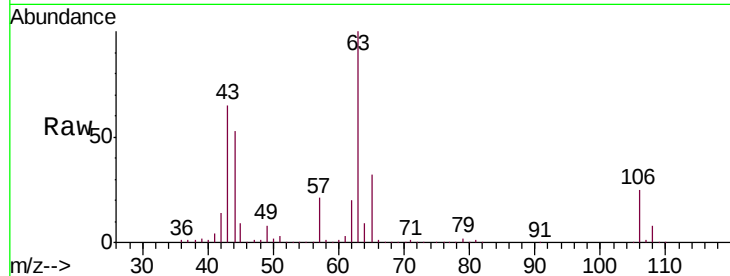




#55
 2-Chloroethyl vinyl ether
 Concen: 488.043 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

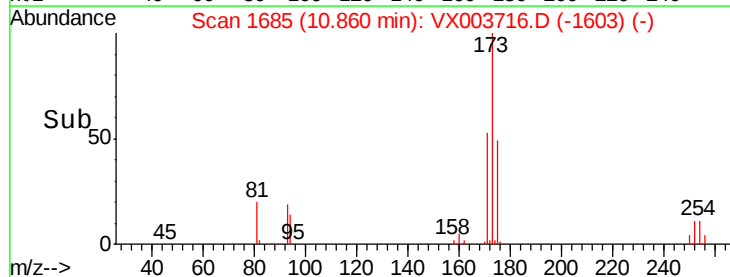
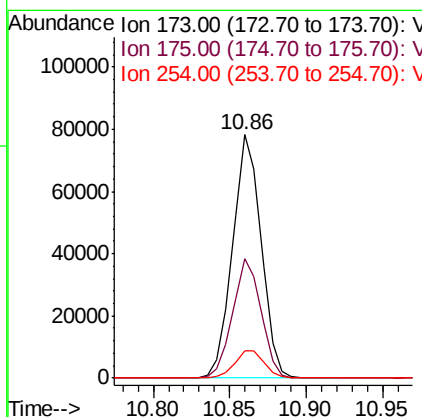
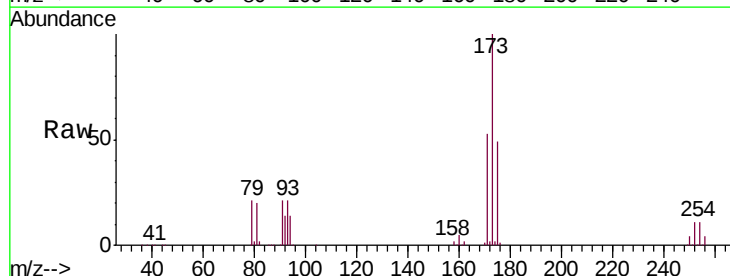
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

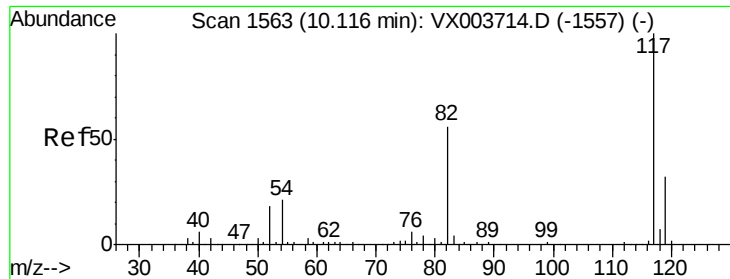
Tgt Ion: 63 Resp: 513585
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.6 38.4
 106 26.2 21.6 32.4



#56
 Bromoform
 Concen: 98.210 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 173 Resp: 101440
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.4
 254 11.6 9.6 14.4

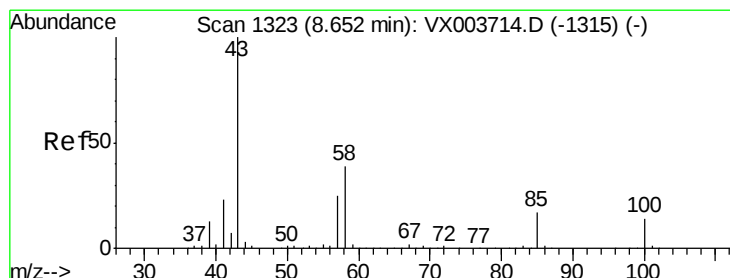
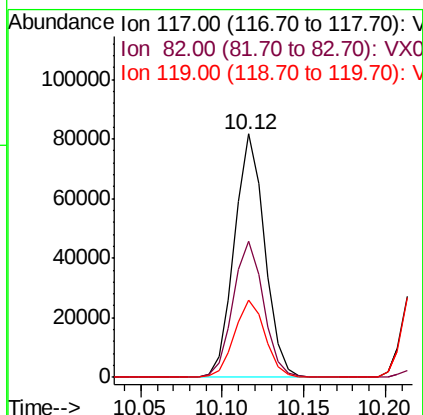
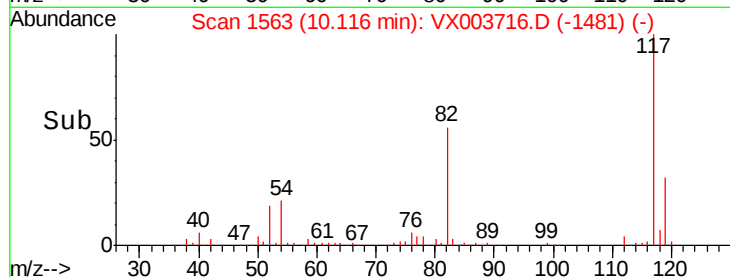
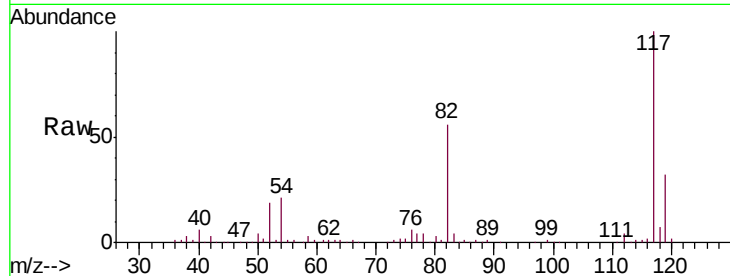




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

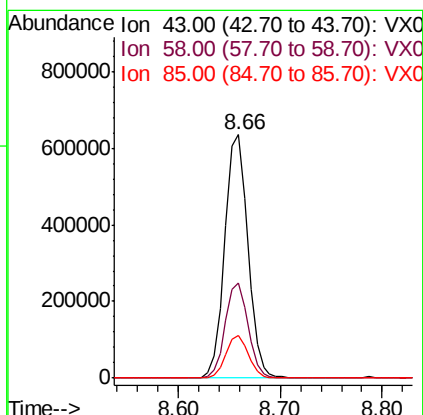
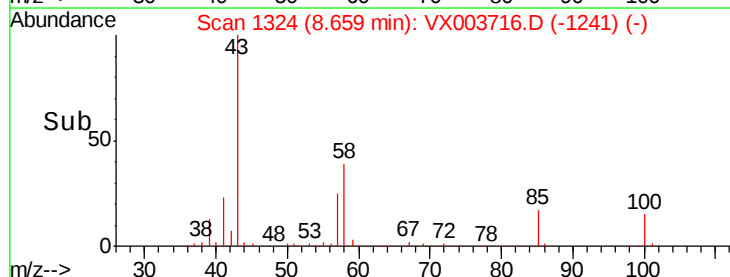
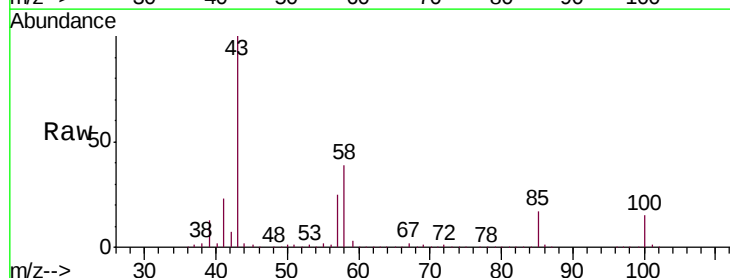
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

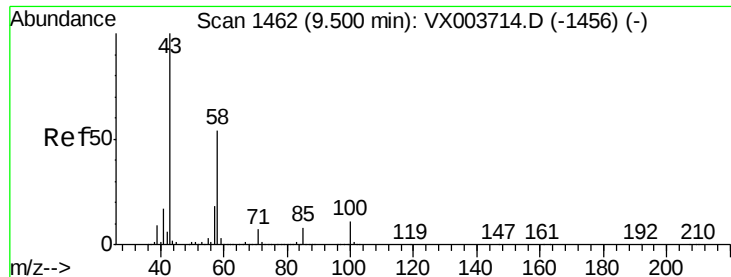
Tgt Ion: 117 Resp: 105656
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 501.631 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 43 Resp: 1000757
Ion Ratio Lower Upper
43 100
58 38.7 28.2 42.4
85 17.2 12.4 18.6

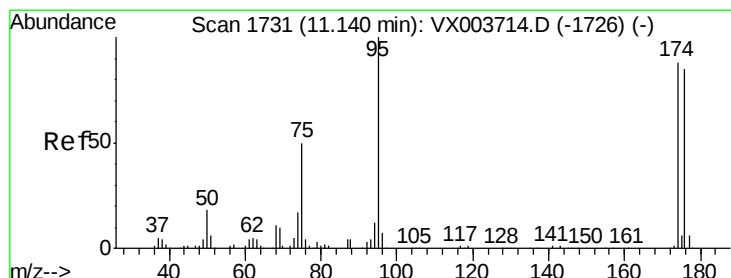
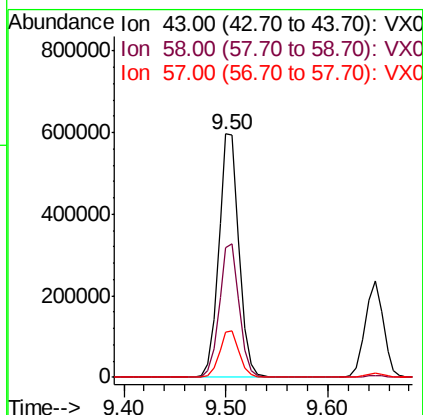
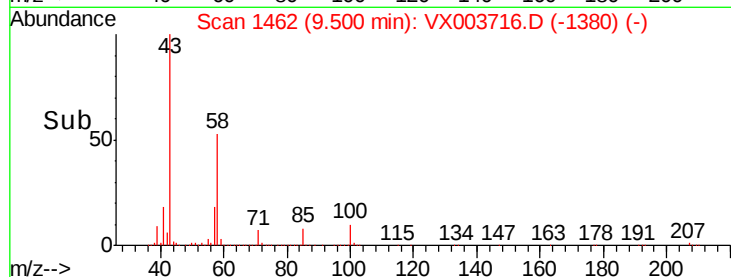
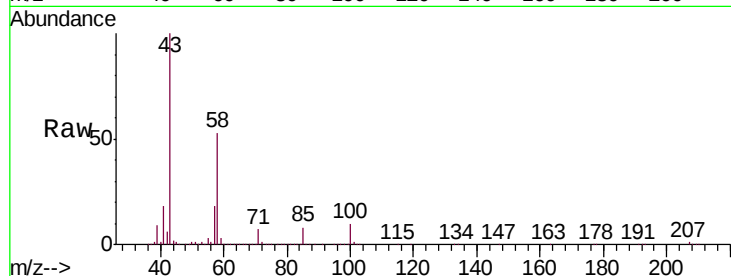




#59
2-Hexanone
Concen: 520.235 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

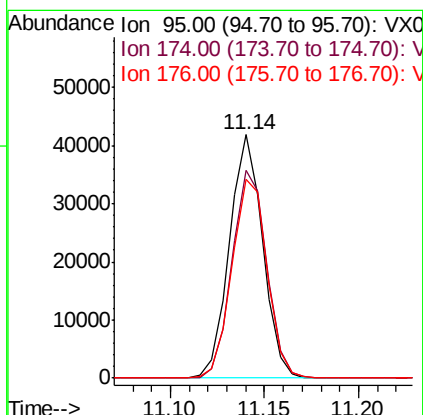
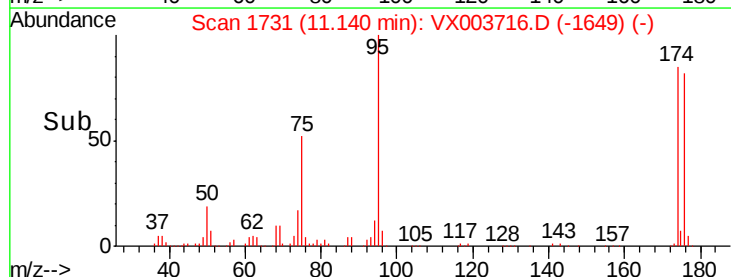
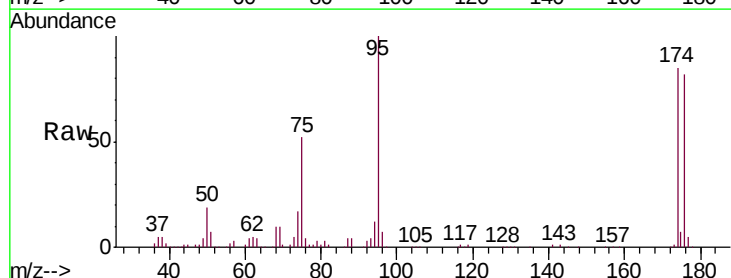
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

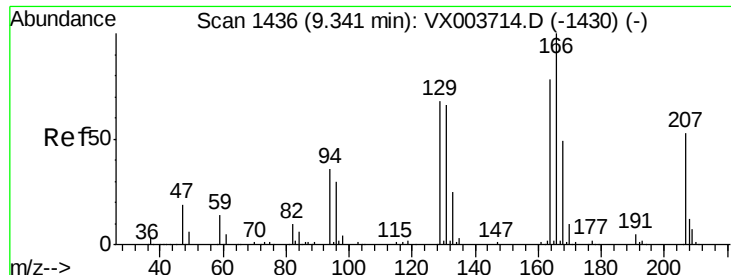
Tgt Ion: 43 Resp: 826393
Ion Ratio Lower Upper
43 100
58 54.1 39.6 59.4
57 18.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.121 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 95 Resp: 51243
Ion Ratio Lower Upper
95 100
174 88.6 71.8 107.6
176 86.4 70.1 105.1





#61

Tetrachloroethene

Concen: 99.336 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 122143

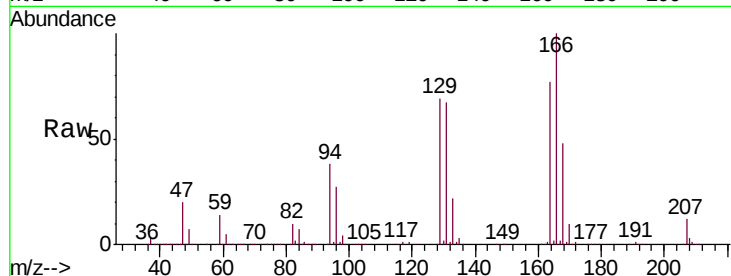
Ion Ratio Lower Upper

164 100

166 129.9 102.4 153.6

129 89.6 70.1 105.1

131 87.6 69.1 103.7

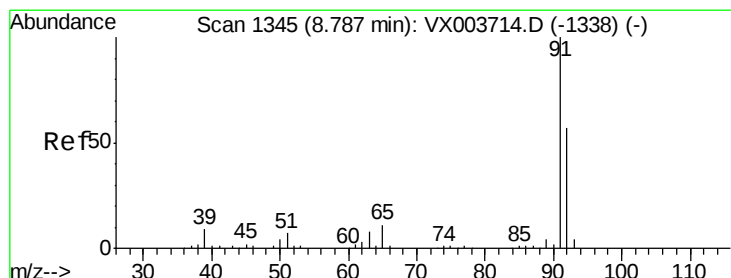
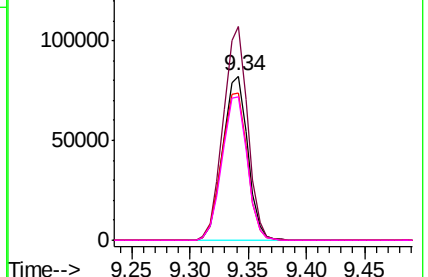
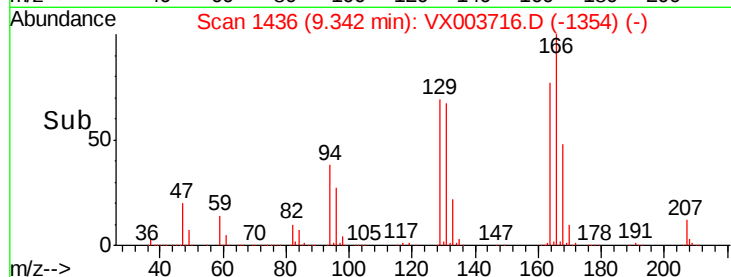


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 94.179 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003716.D

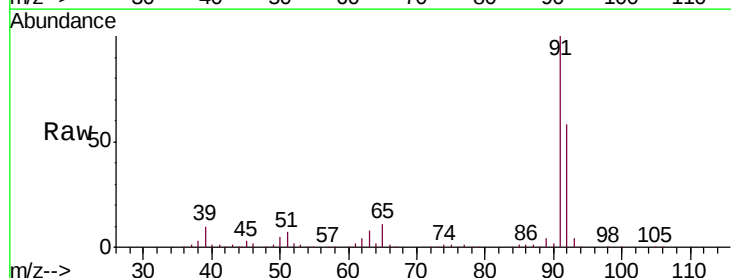
Acq: 27 Jul 2018 14:51

Tgt Ion: 91 Resp: 516467

Ion Ratio Lower Upper

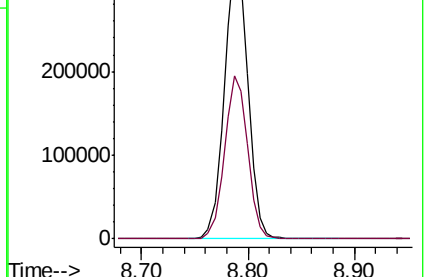
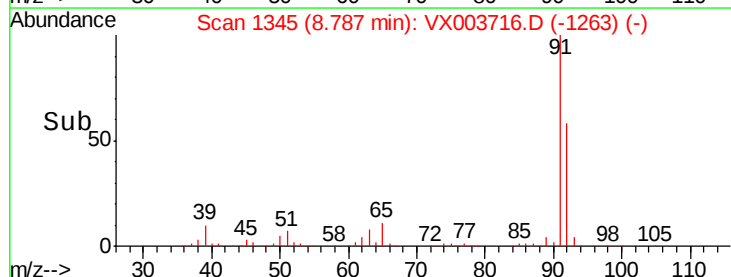
91 100

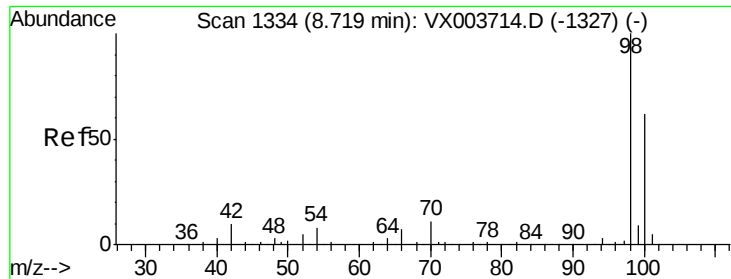
92 57.3 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

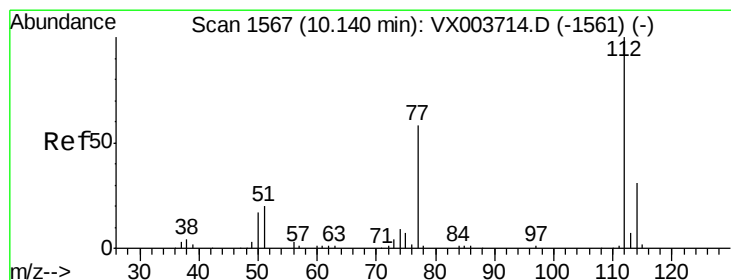
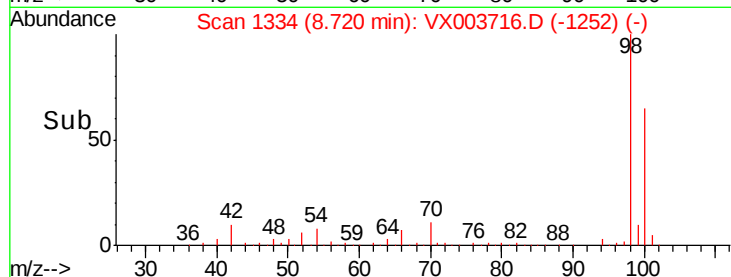
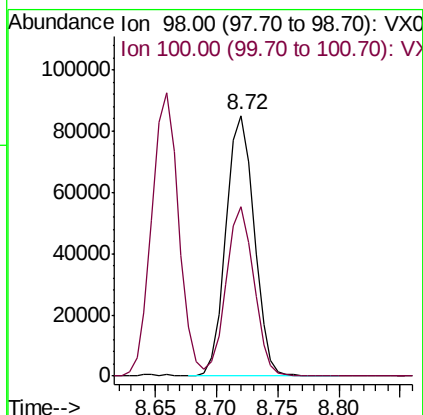
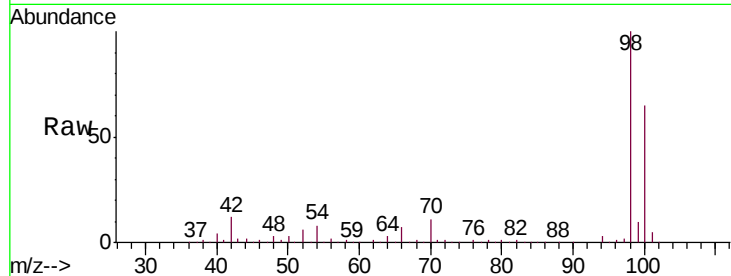




#63
Toluene-d8
Concen: 28.584 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

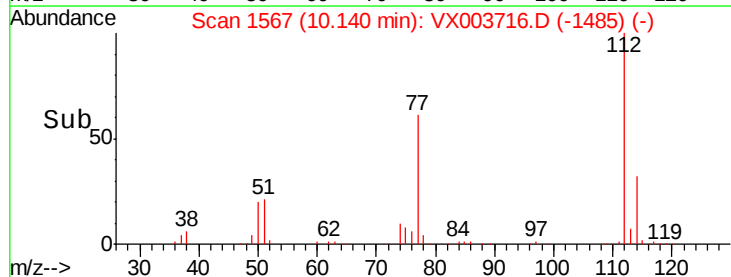
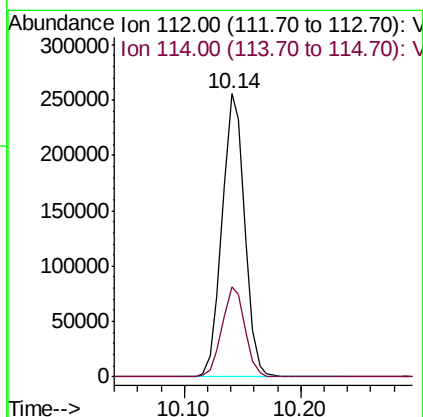
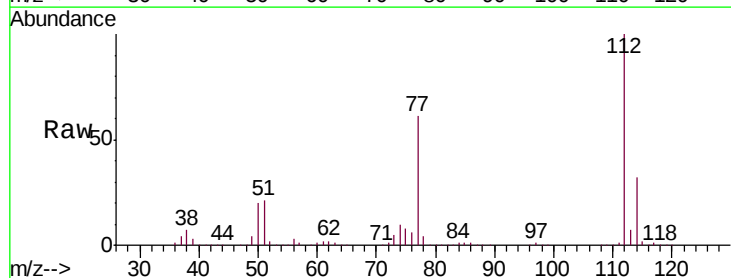
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

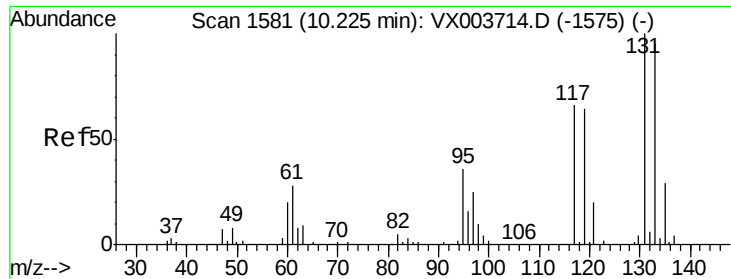
Tgt Ion: 98 Resp: 136053
Ion Ratio Lower Upper
98 100
100 64.1 50.8 76.2



#64
Chlorobenzene
Concen: 96.507 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 112 Resp: 342011
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 97.786 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

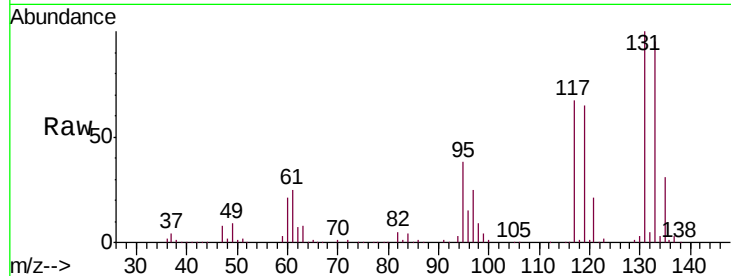
Tgt Ion: 131 Resp: 122620

Ion Ratio Lower Upper

131 100

133 95.2 0.0 191.2

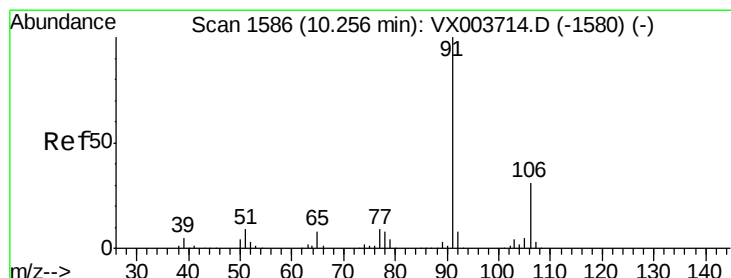
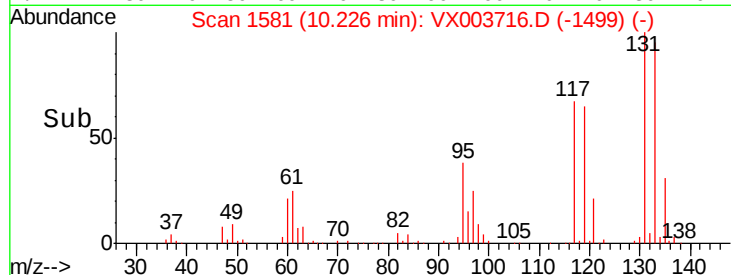
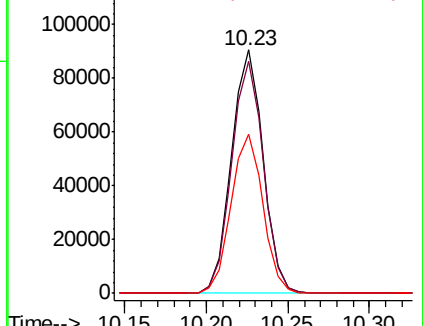
119 65.5 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 102.262 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003716.D

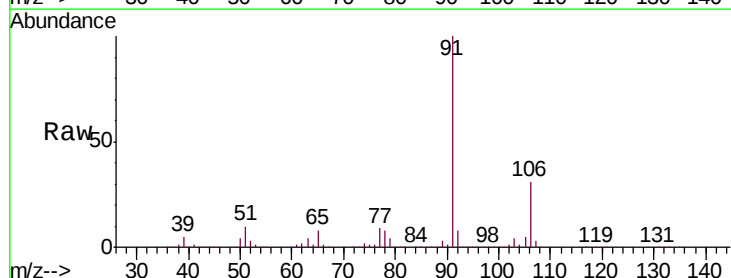
Acq: 27 Jul 2018 14:51

Tgt Ion: 91 Resp: 617114

Ion Ratio Lower Upper

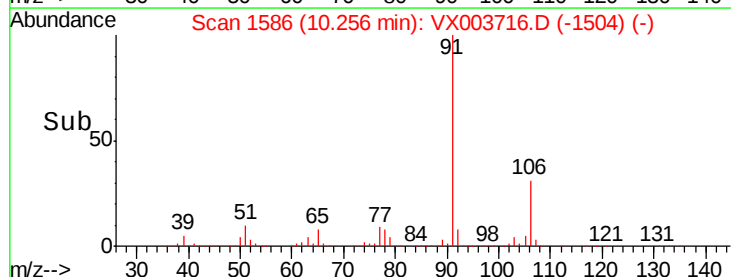
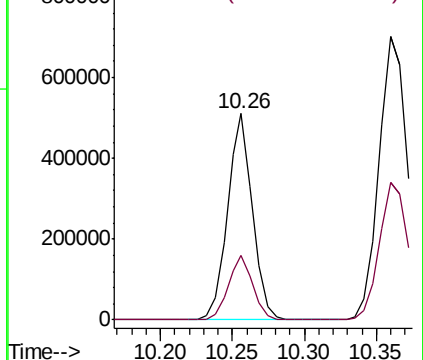
91 100

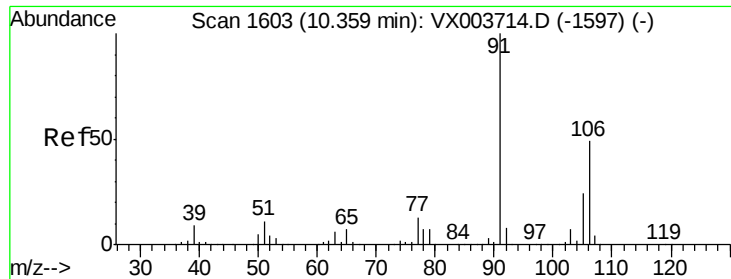
106 31.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

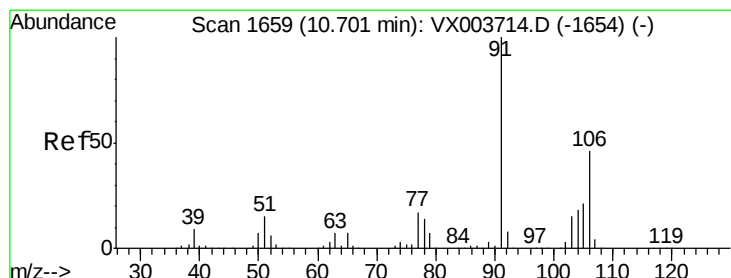
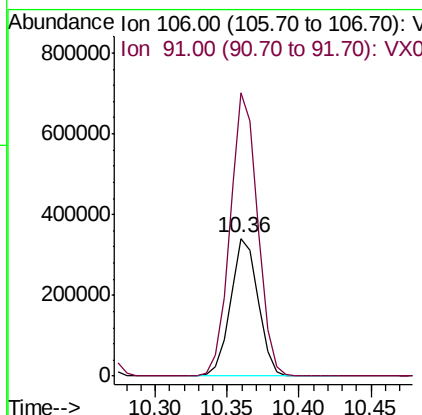
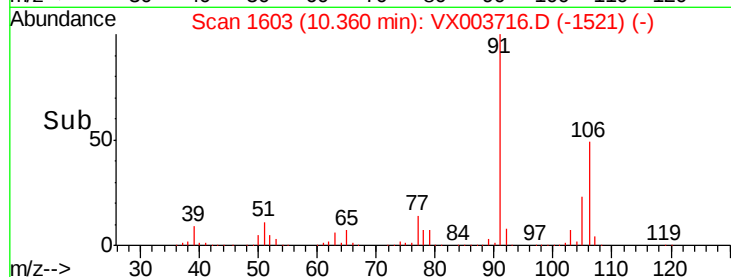
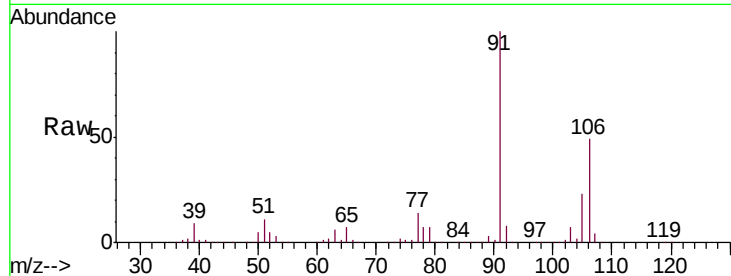




#67
m/p-Xylenes
Concen: 196.763 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

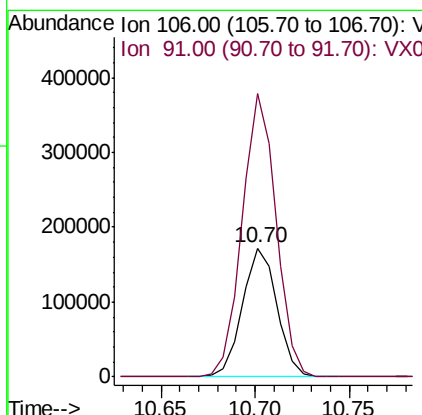
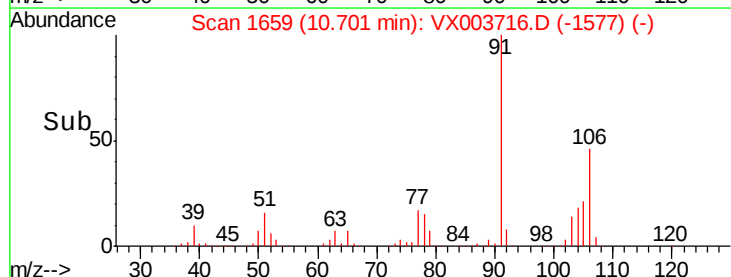
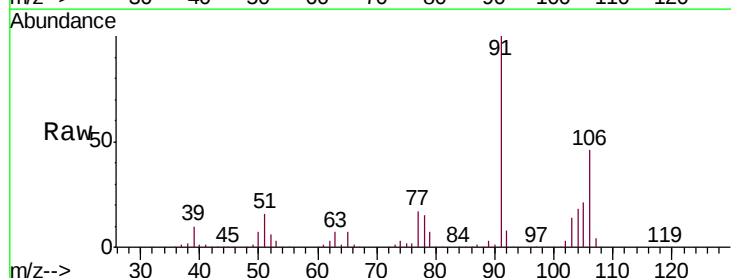
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

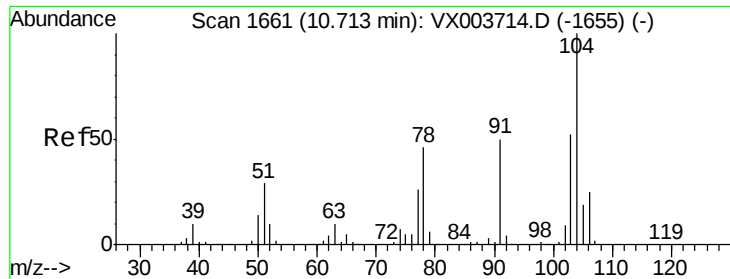
Tgt Ion:106 Resp: 457347
Ion Ratio Lower Upper
106 100
91 205.2 164.1 246.1



#68
o-Xylene
Concen: 98.257 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion:106 Resp: 218489
Ion Ratio Lower Upper
106 100
91 216.0 109.1 327.3

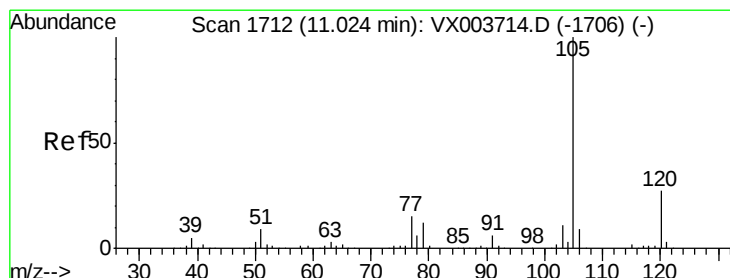
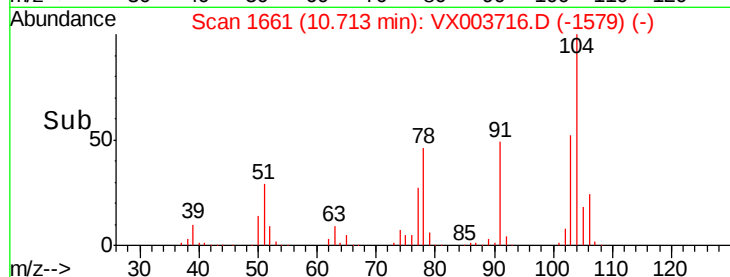
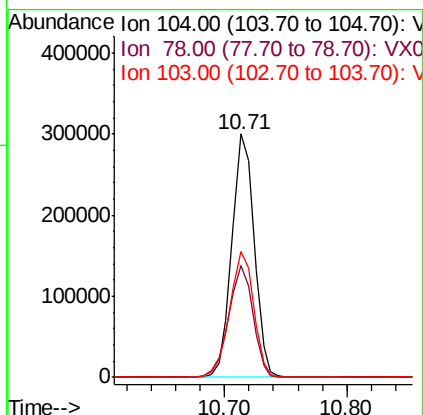
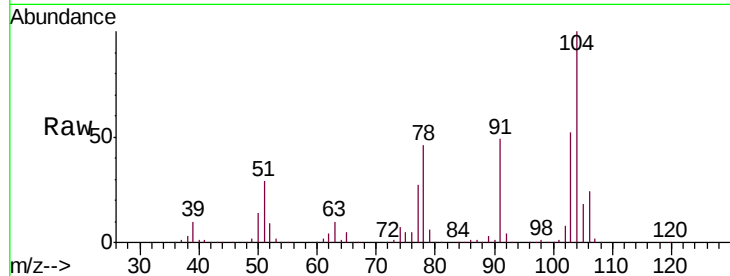




#69
Styrene
Concen: 100.275 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

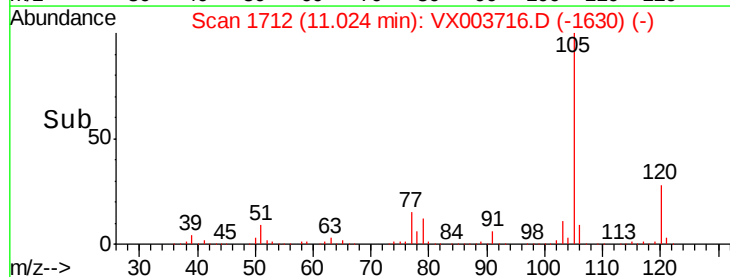
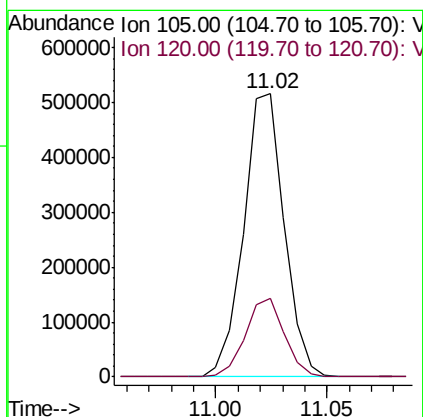
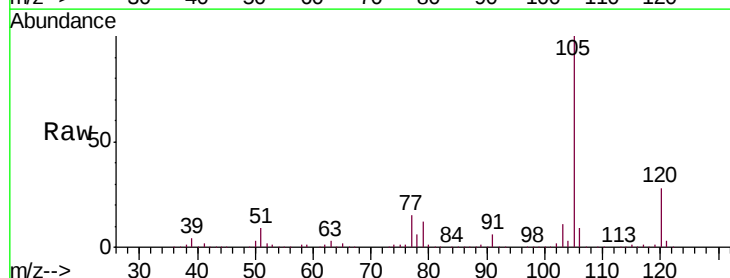
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

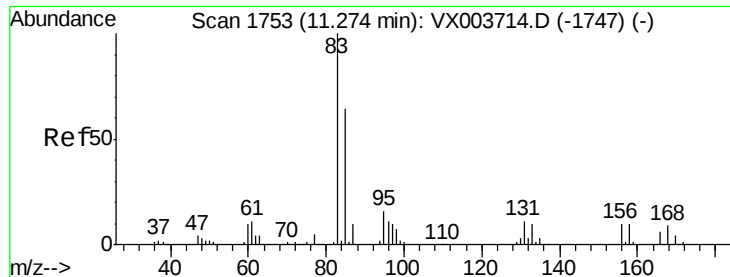
Tgt Ion:104 Resp: 377557
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.8
103 55.7 44.9 67.3



#70
Isopropylbenzene
Concen: 107.268 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion:105 Resp: 656731
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.2

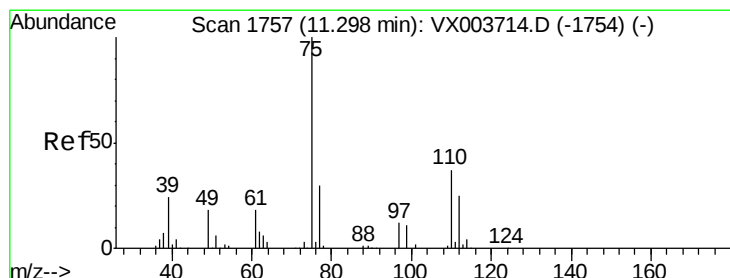
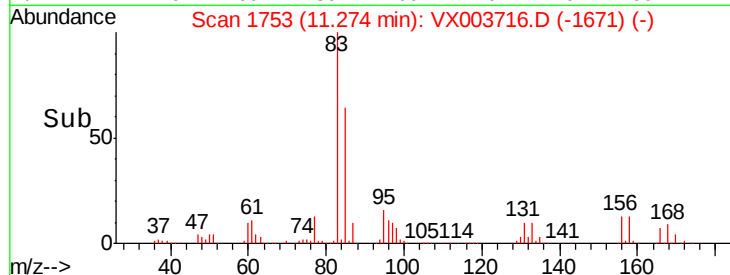
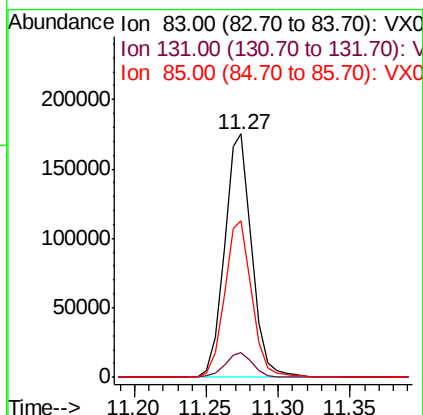
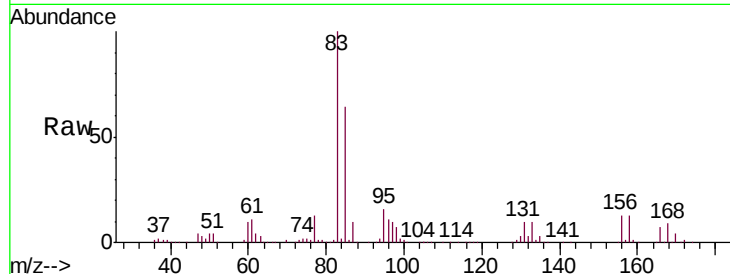




#71
 1,1,2,2-Tetrachloroethane
 Concen: 106.214 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

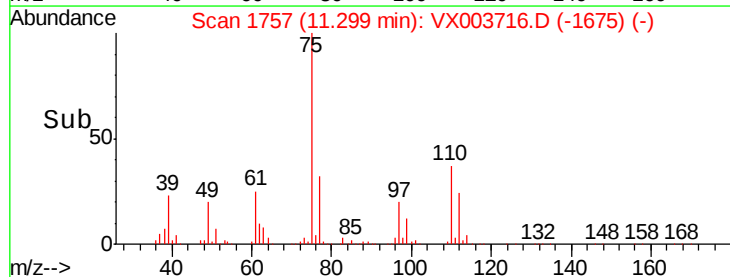
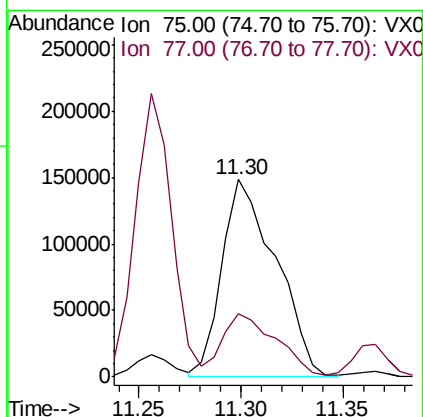
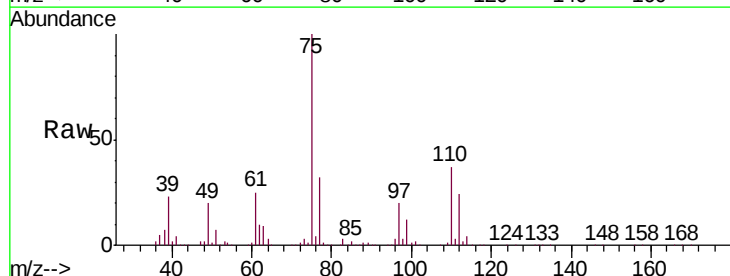
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

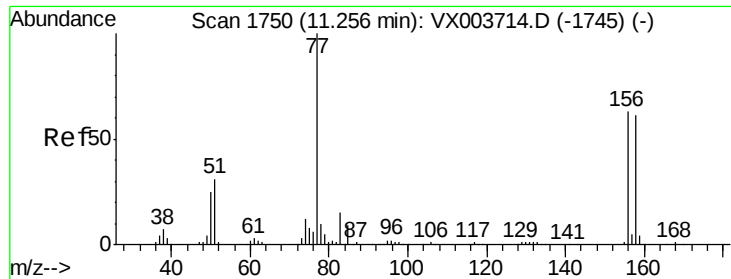
Tgt Ion: 83 Resp: 232133
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.4 16.2
 85 64.8 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 150.306 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 75 Resp: 273266
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 71.8

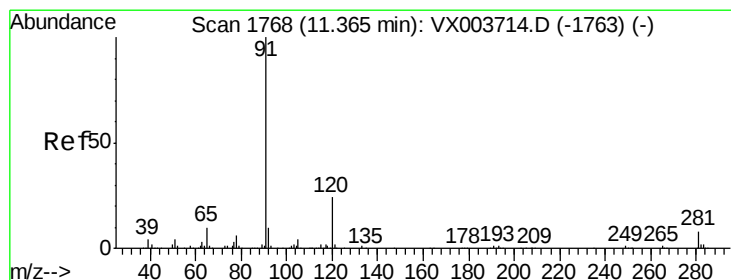
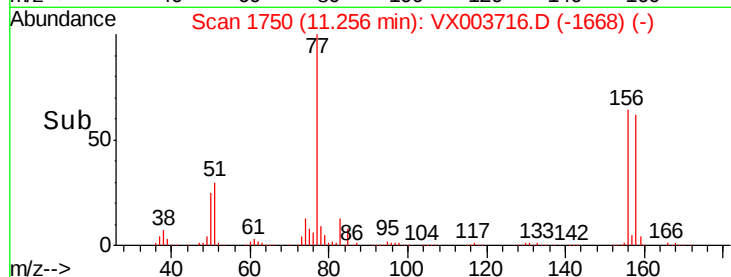
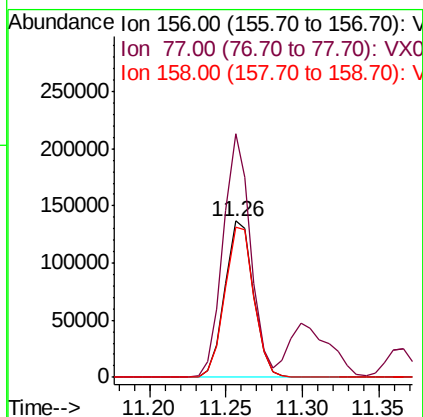
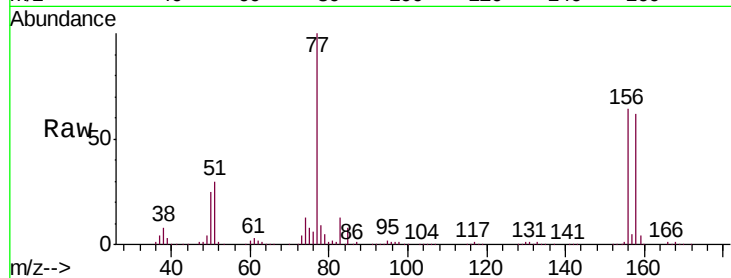




#73
Bromobenzene
Concen: 107.236 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

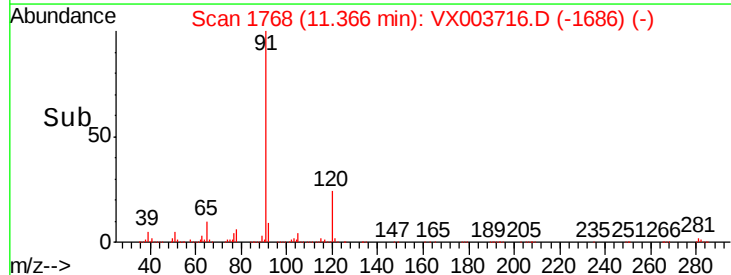
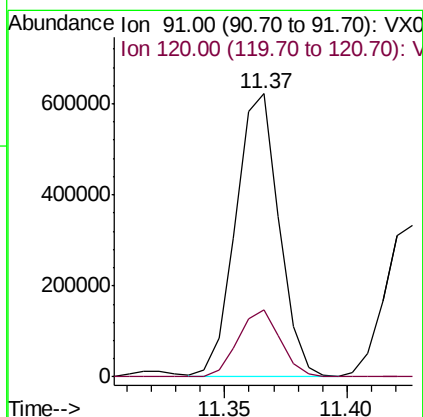
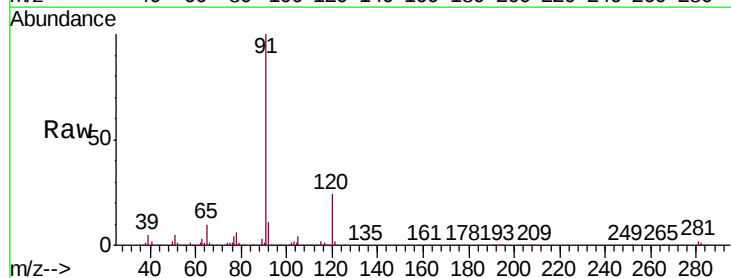
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

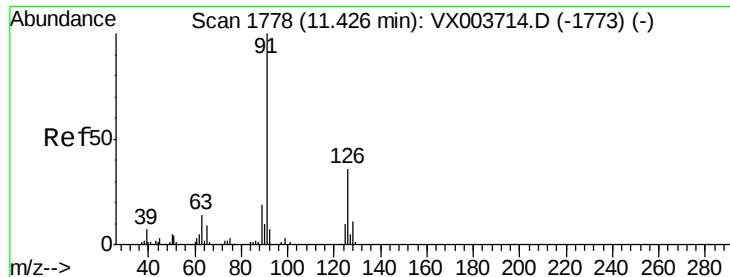
Tgt Ion:156 Resp: 176933
Ion Ratio Lower Upper
156 100
77 149.6 0.0 301.0
158 97.8 0.0 196.2



#74
n-propylbenzene
Concen: 106.377 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 91 Resp: 767103
Ion Ratio Lower Upper
91 100
120 23.0 0.0 46.2





#75

2-Chlorotoluene

Concen: 100.225 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

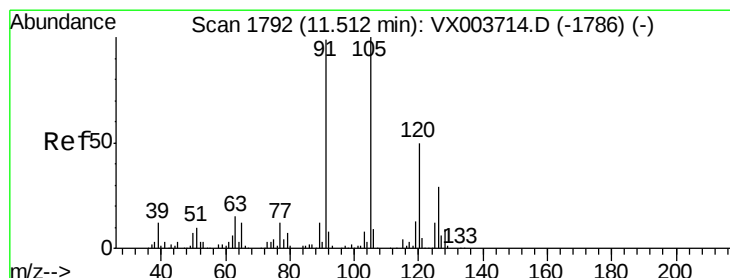
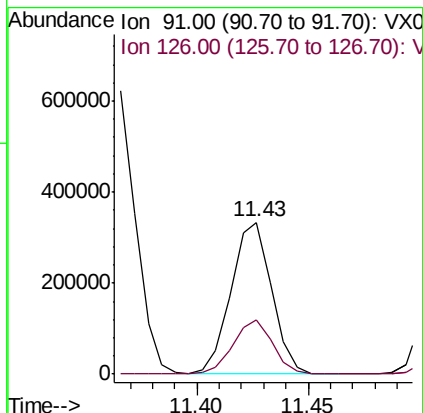
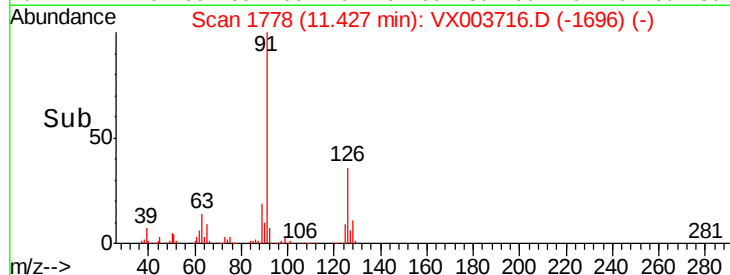
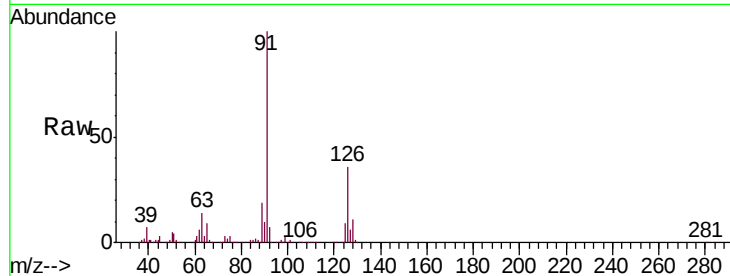
VSTDIC100

Tgt Ion: 91 Resp: 425984

Ion Ratio Lower Upper

91 100

126 34.6 0.0 69.4



#76

1,3,5-Trimethylbenzene

Concen: 104.252 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003716.D

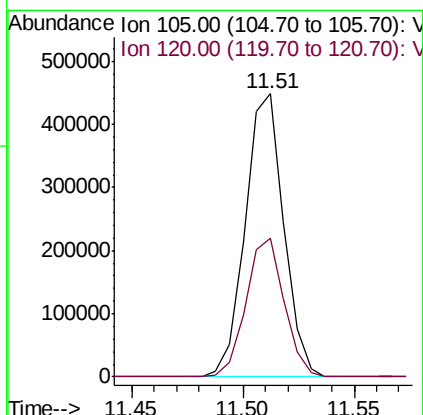
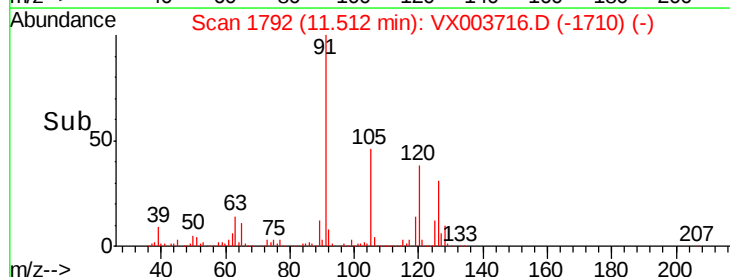
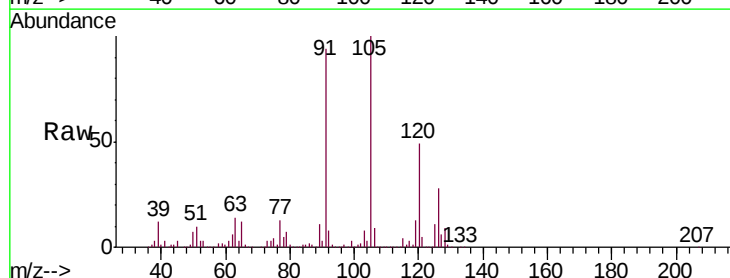
Acq: 27 Jul 2018 14:51

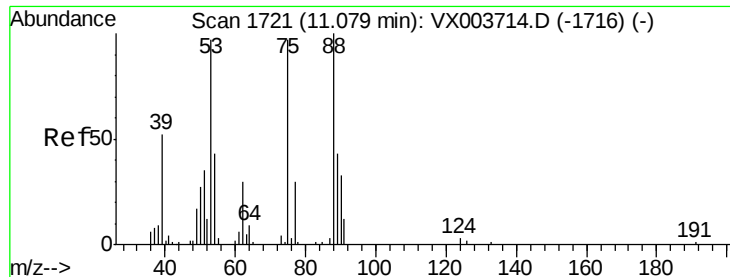
Tgt Ion: 105 Resp: 541576

Ion Ratio Lower Upper

105 100

120 48.6 0.0 96.8

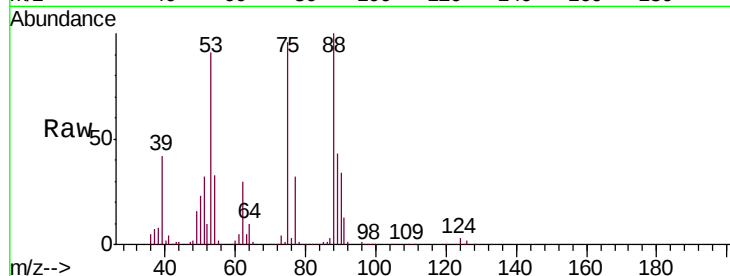




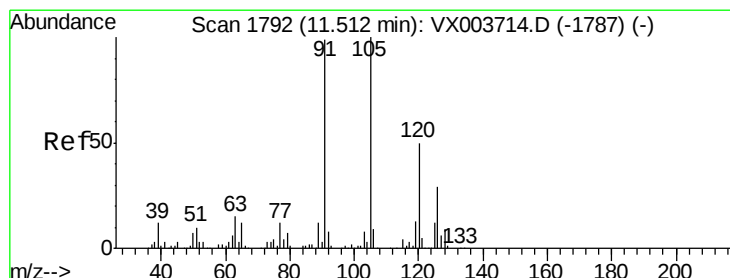
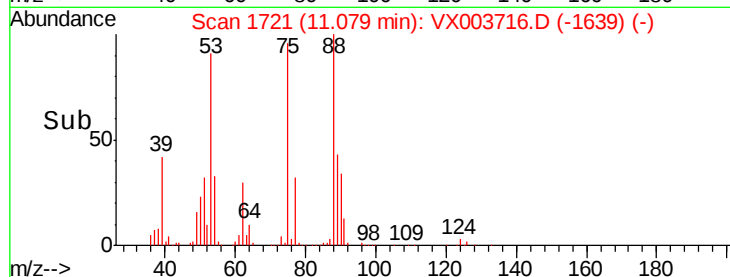
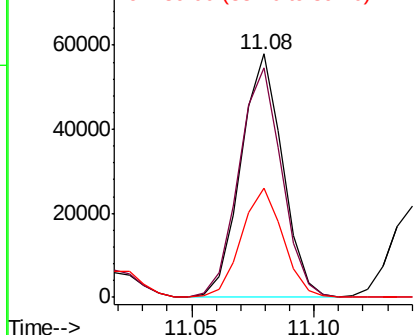
#77
 t-1,4-Dichloro-2-butene
 Concen: 110.628 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 68537
 Ion Ratio Lower Upper
 75 100
 53 94.2 48.3 144.9
 89 45.0 21.8 65.4

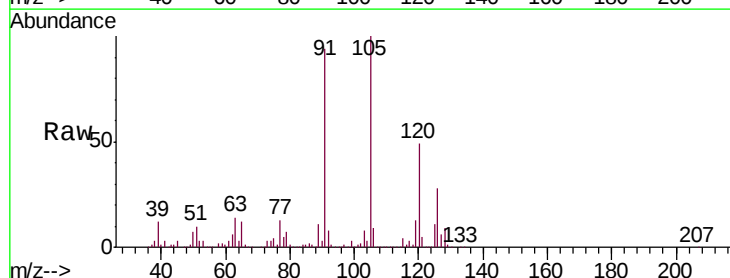


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 53.00 (52.70 to 53.70): VX0
 Ion 89.00 (88.70 to 89.70): VX0

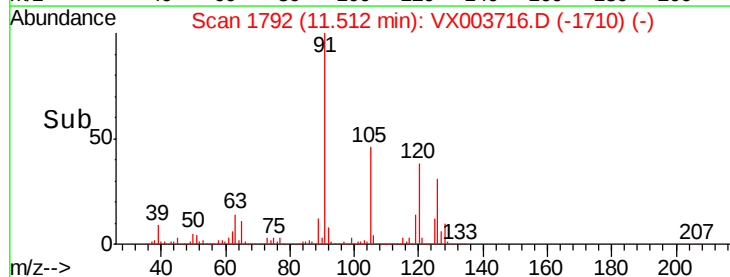
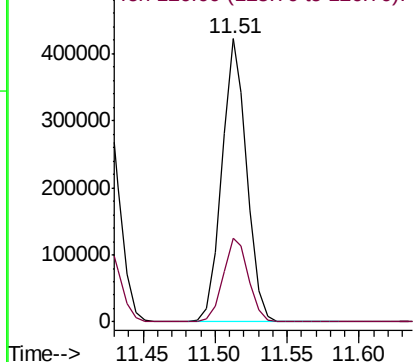


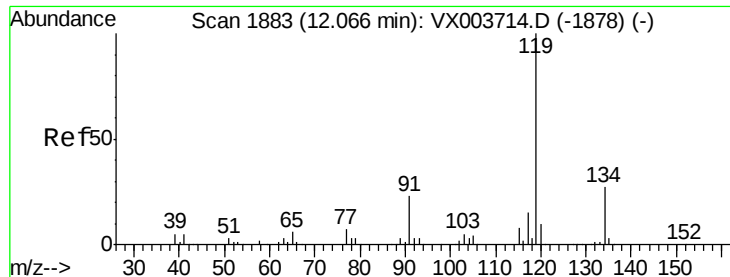
#78
 4-Chlorotoluene
 Concen: 102.771 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 91 Resp: 511084
 Ion Ratio Lower Upper
 91 100
 126 30.3 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 102.787 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

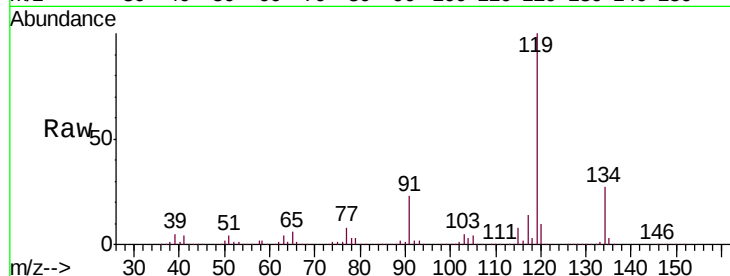
Tgt Ion:119 Resp: 549406

Ion Ratio Lower Upper

119 100

91 23.3 0.0 48.0

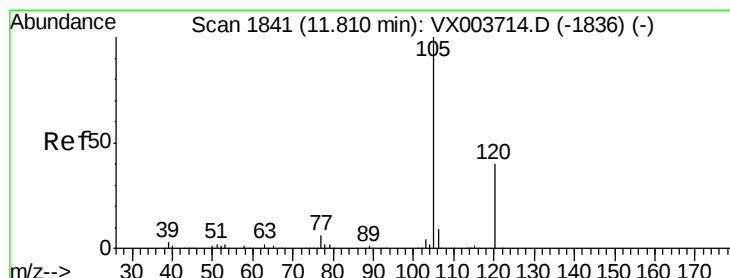
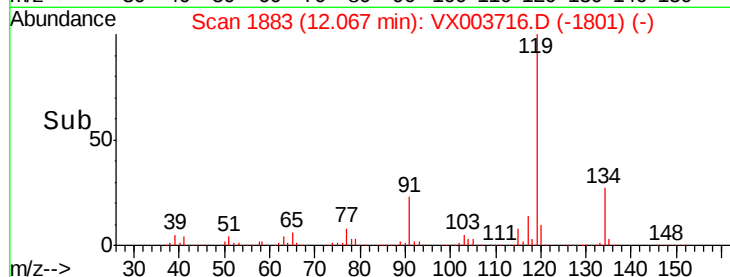
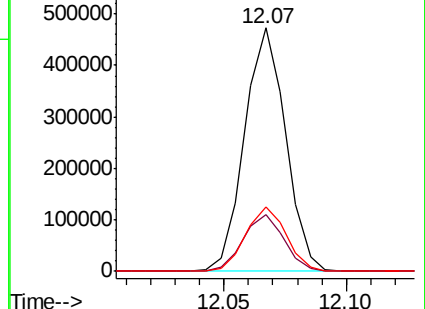
134 26.4 0.0 52.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 105.901 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003716.D

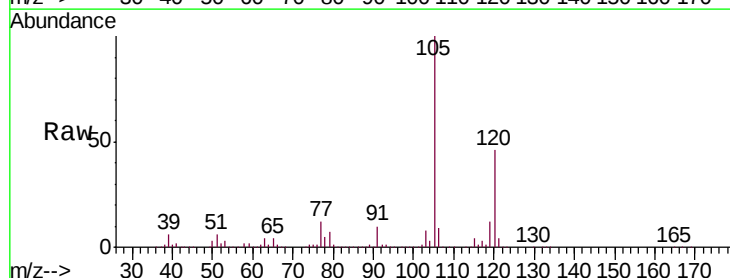
Acq: 27 Jul 2018 14:51

Tgt Ion:105 Resp: 563026

Ion Ratio Lower Upper

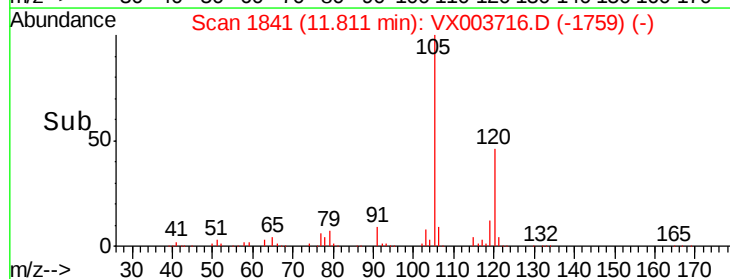
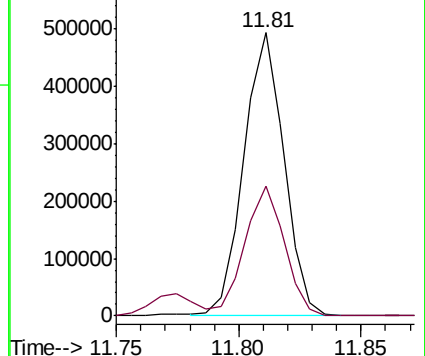
105 100

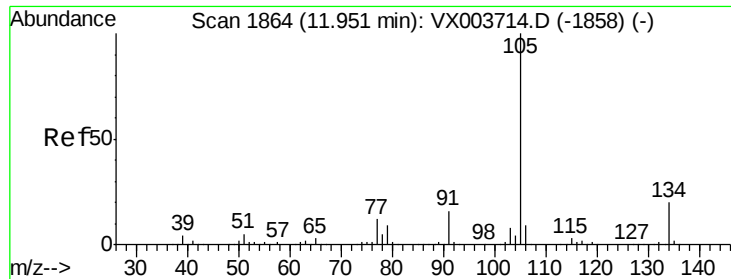
120 45.6 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

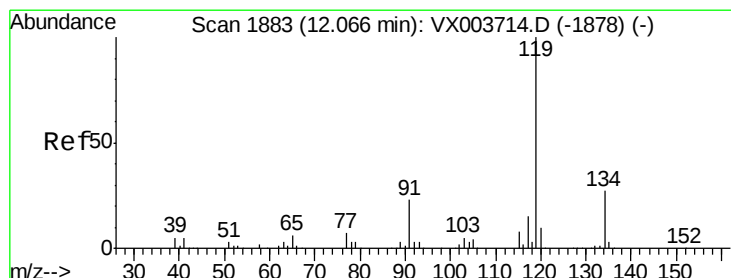
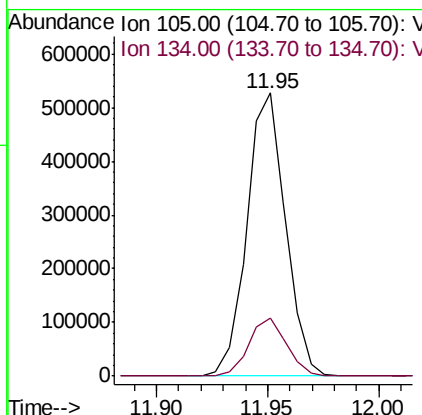
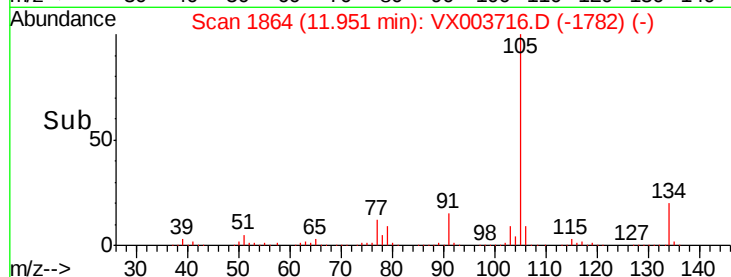
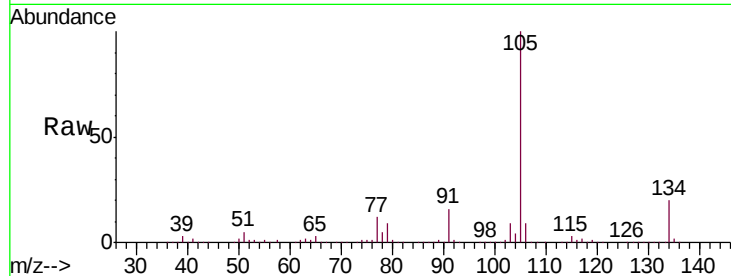




#81
 sec-Butylbenzene
 Concen: 105.061 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

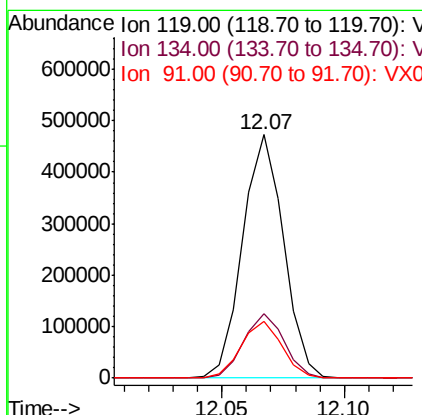
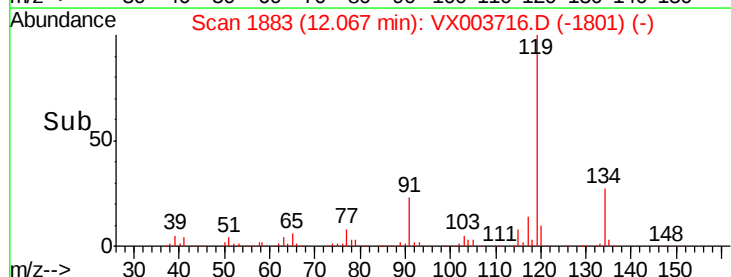
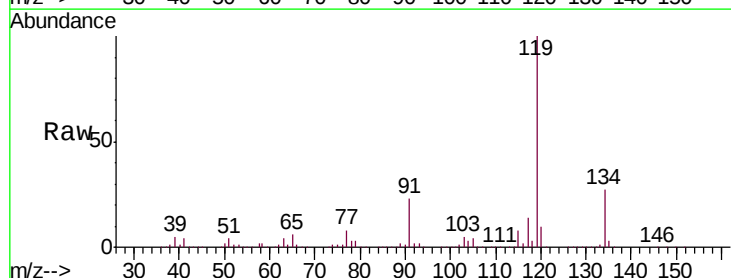
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

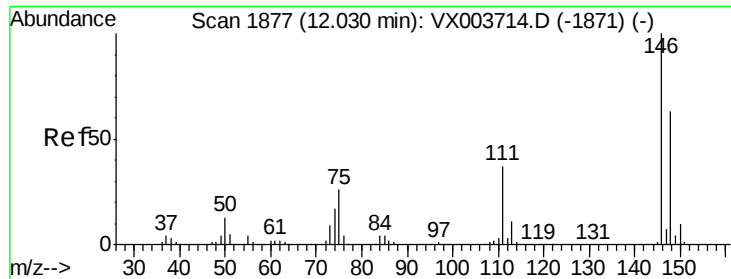
Tgt Ion:105 Resp: 635593
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 102.787 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion:119 Resp: 549406
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.6
 91 23.3 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 98.231 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

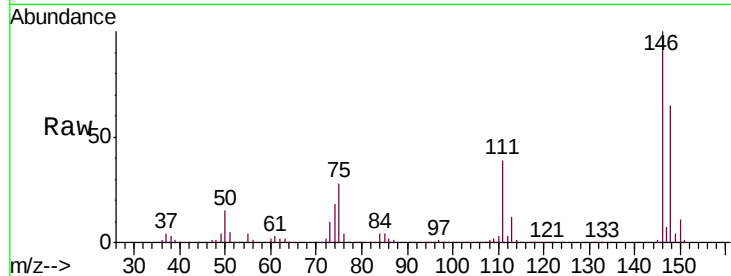
Tgt Ion:146 Resp: 295984

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

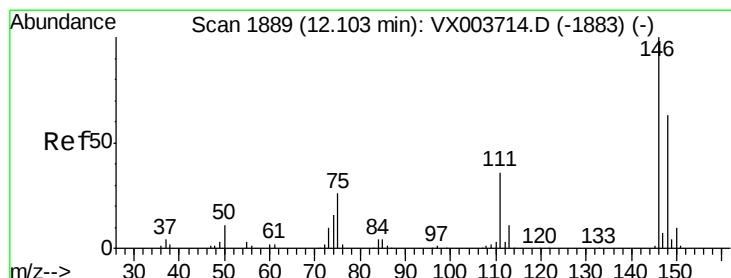
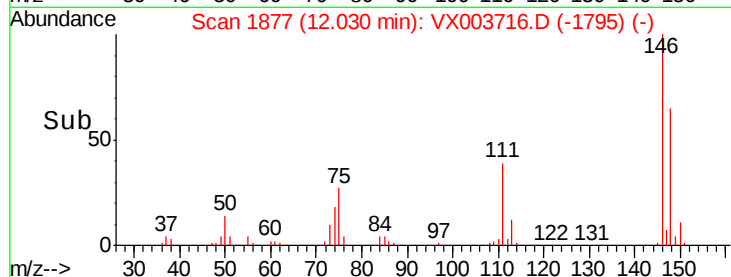
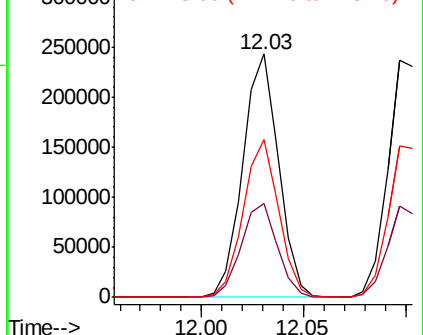
148 64.3 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 98.298 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003716.D

Acq: 27 Jul 2018 14:51

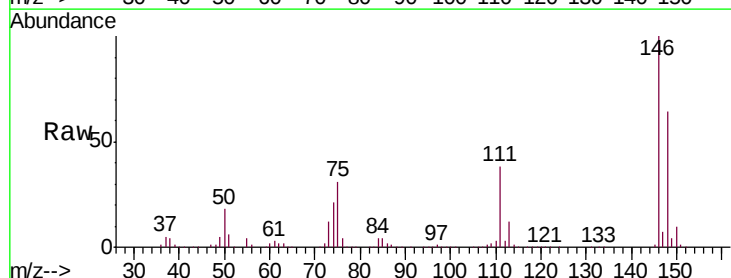
Tgt Ion:146 Resp: 298201

Ion Ratio Lower Upper

146 100

111 37.4 18.5 55.5

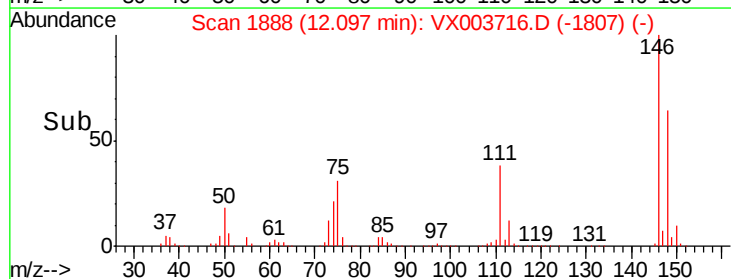
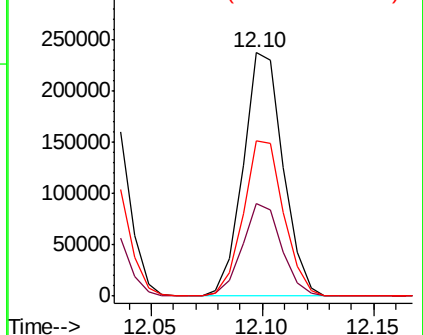
148 64.0 32.0 96.0

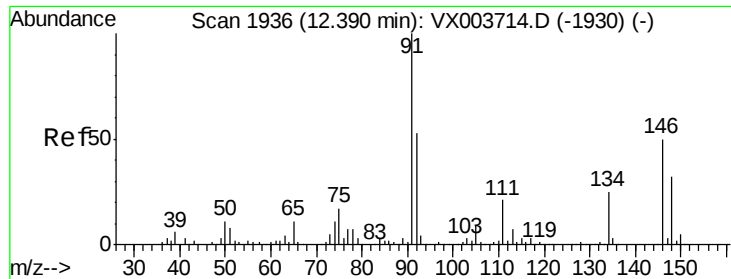


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

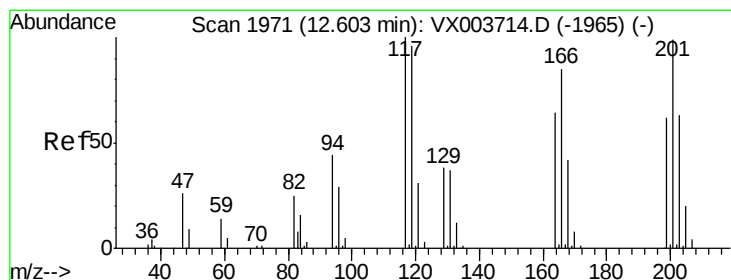
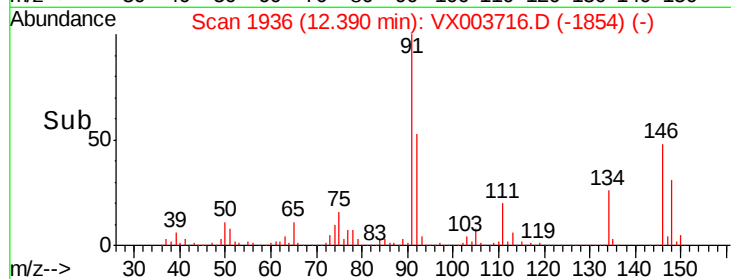
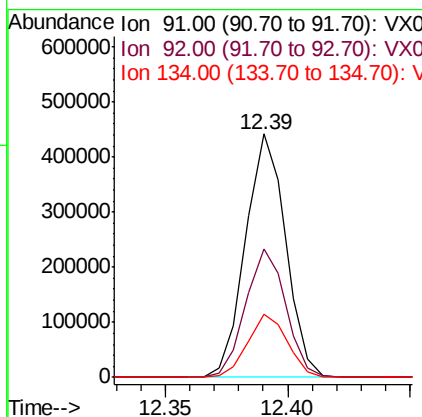
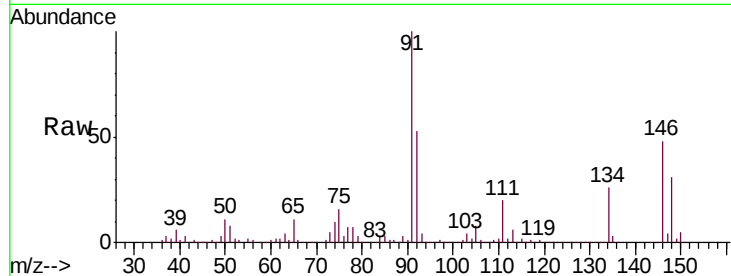




#85
n-Butylbenzene
Concen: 106.891 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

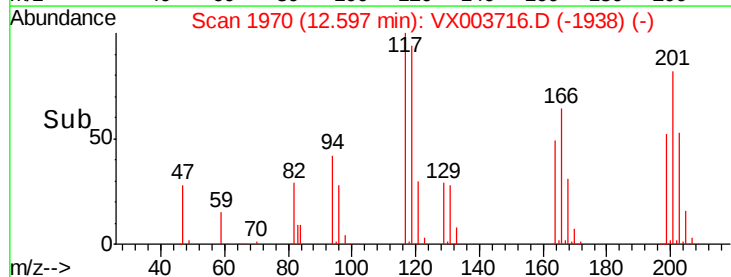
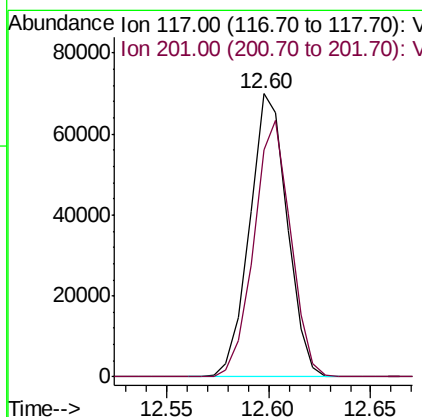
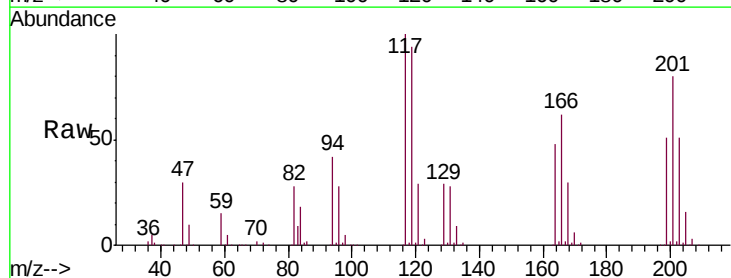
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

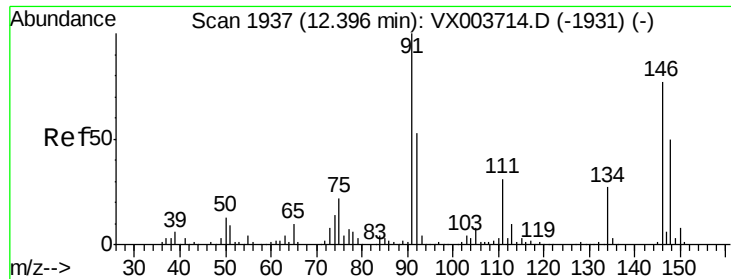
Tgt Ion: 91 Resp: 507138
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.2
134 25.8 0.0 53.2



#86
Hexachloroethane
Concen: 104.096 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion: 117 Resp: 89661
Ion Ratio Lower Upper
117 100
201 88.7 47.6 142.8

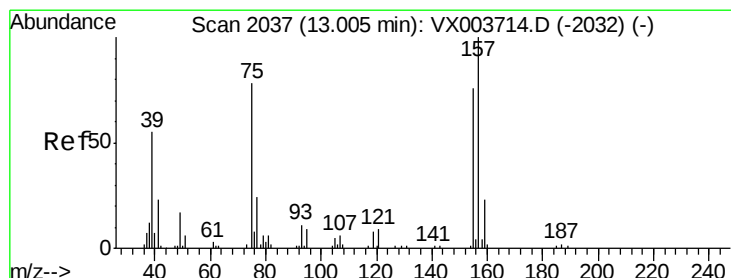
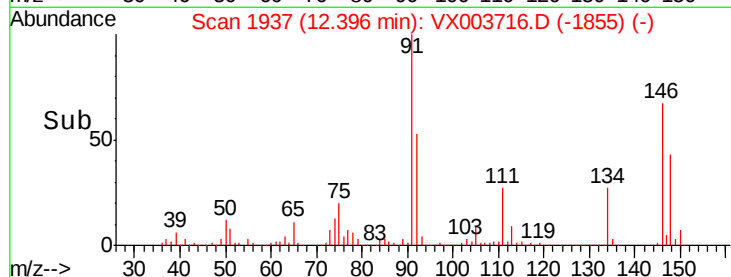
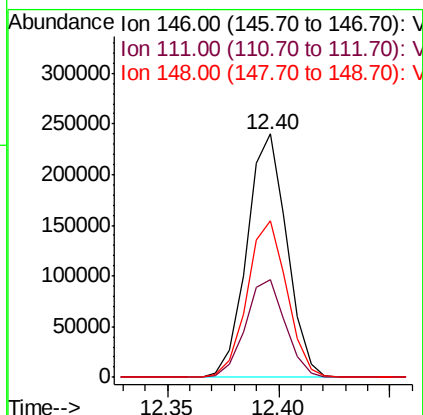
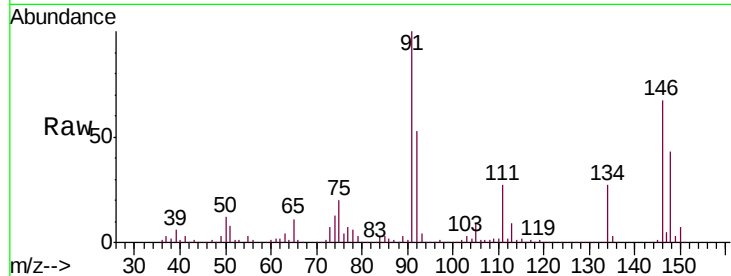




#87
 1,2-Dichlorobenzene
 Concen: 99.006 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

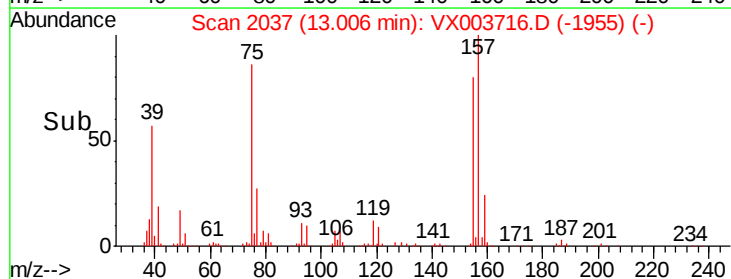
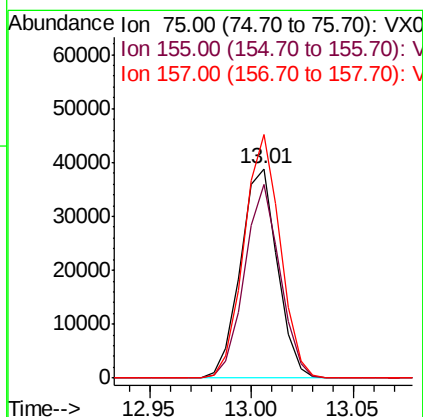
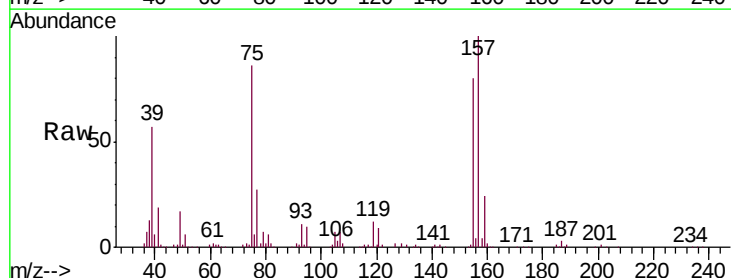
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

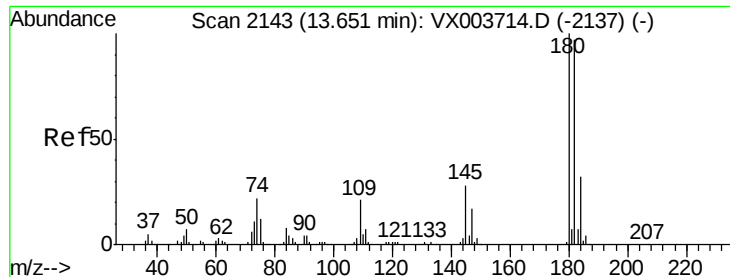
Tgt Ion: 146 Resp: 299476
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 59.9
 148 64.1 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 105.746 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion: 75 Resp: 48780
 Ion Ratio Lower Upper
 75 100
 155 88.9 73.1 109.7
 157 114.0 93.1 139.7

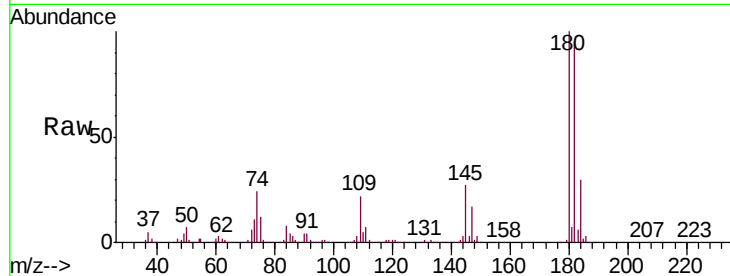




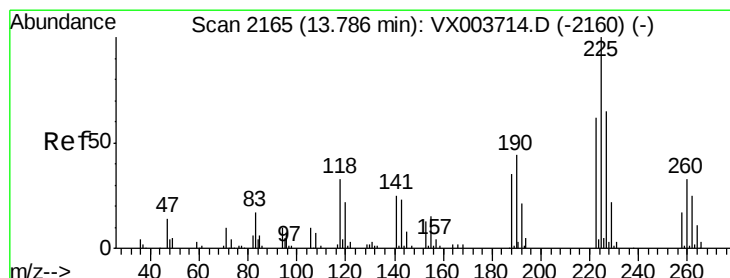
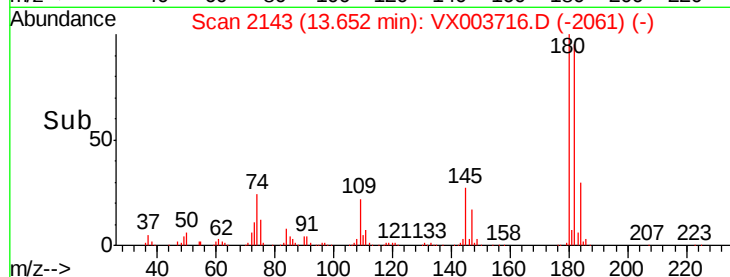
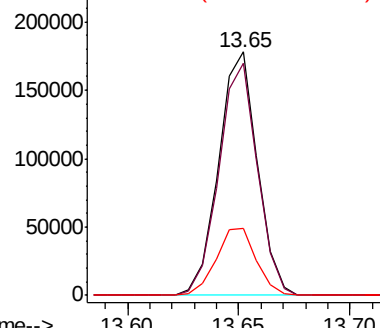
#89
 1,2,4-Trichlorobenzene
 Concen: 101.585 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 215752
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 145 28.5 22.9 34.3

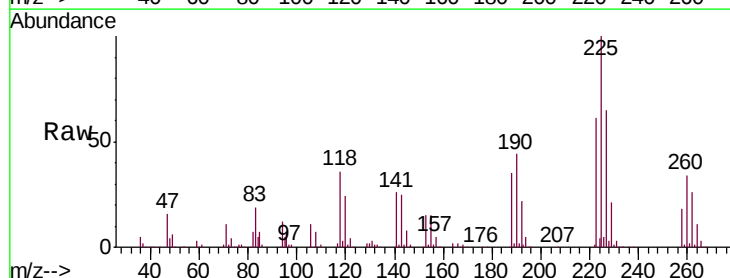


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

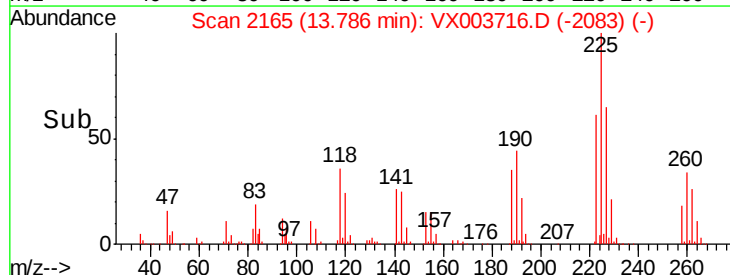
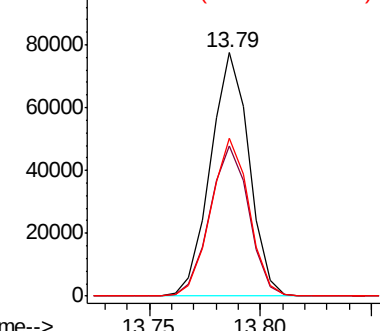


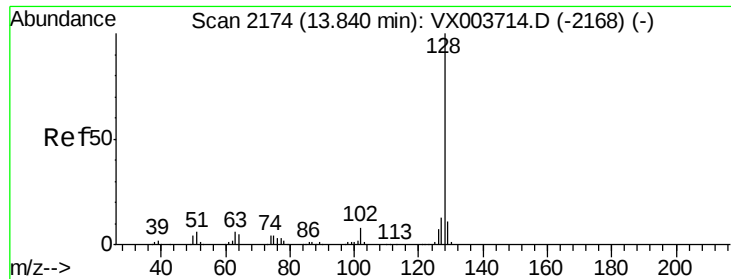
#90
 Hexachlorobutadiene
 Concen: 97.151 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003716.D
 Acq: 27 Jul 2018 14:51

Tgt Ion:225 Resp: 93531
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 122.4
 227 64.3 0.0 128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

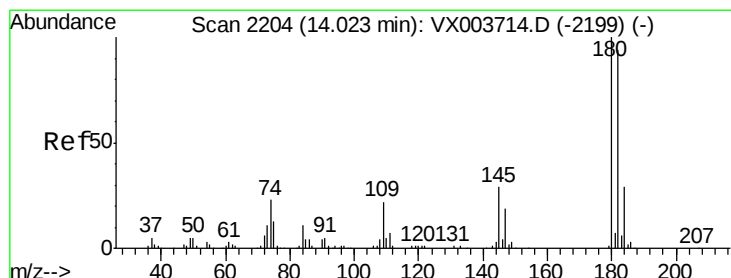
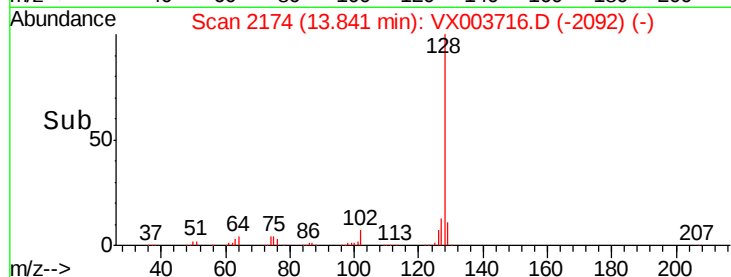
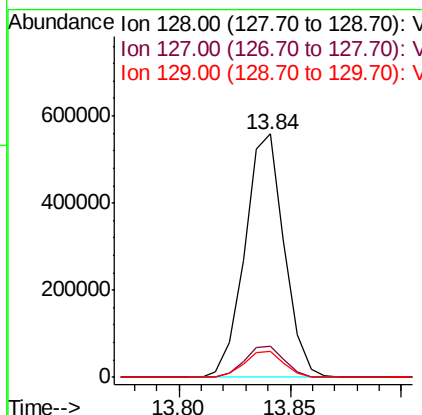
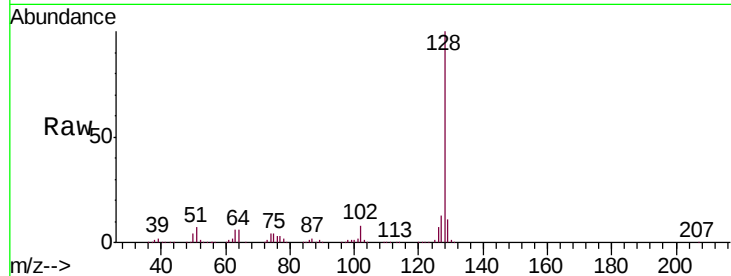




#91
Naphthalene
Concen: 105.731 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 686299
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 101.176 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003716.D
Acq: 27 Jul 2018 14:51

Tgt Ion:180 Resp: 218819
Ion Ratio Lower Upper
180 100
182 95.4 0.0 191.0
145 30.5 0.0 60.6

