

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030619\
 Data File : VX007855.D
 Acq On : 06 Mar 2019 11:27
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 07 07:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	419559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296348	97.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	194.30%	
35) Dibromofluoromethane	5.50	113	264464	98.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	197.08%	
50) Toluene-d8	8.71	98	981934	99.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	199.24%	
62) 4-Bromofluorobenzene	11.13	95	349997	101.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	202.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	238892	96.699	ug/l	99
3) Chloromethane	1.33	50	295891	92.939	ug/l	99
4) Vinyl Chloride	1.41	62	310184	98.054	ug/l	99
5) Bromomethane	1.64	94	147177	76.514	ug/l	100
6) Chloroethane	1.71	64	188515	89.704	ug/l	99
7) Trichlorofluoromethane	1.92	101	398594	96.778	ug/l	98
8) Diethyl Ether	2.19	74	173858	97.482	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	244119	95.647	ug/l	100
10) Methyl Iodide	2.51	142	373161	103.059	ug/l	99
11) Tert butyl alcohol	3.09	59	328384	481.381	ug/l	100
12) 1,1-Dichloroethene	2.37	96	238116	96.786	ug/l	99
13) Acrolein	2.30	56	192105	466.361	ug/l	99
14) Allyl chloride	2.73	41	507661	98.199	ug/l	100
15) Acrylonitrile	3.15	53	817546	474.803	ug/l	100
16) Acetone	2.45	43	810446	459.024	ug/l	100
17) Carbon Disulfide	2.57	76	744920	90.179	ug/l	100
18) Methyl Acetate	2.78	43	363018	96.781	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	829568	98.014	ug/l	100
20) Methylene Chloride	2.85	84	261365	93.014	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	255457	94.368	ug/l	98
22) Diisopropyl ether	3.87	45	919686	97.048	ug/l	99
23) Vinyl Acetate	3.82	43	4095055	492.769	ug/l	100
24) 1,1-Dichloroethane	3.70	63	497740	97.599	ug/l	99
25) 2-Butanone	4.70	43	1194866	478.020	ug/l	99
26) 2,2-Dichloropropane	4.59	77	343725	101.733	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	300220	96.918	ug/l	100
28) Bromochloromethane	5.02	49	228514	96.112	ug/l	100
29) Tetrahydrofuran	5.15	42	763393	489.614	ug/l	100
30) Chloroform	5.21	83	470414	97.513	ug/l	99
31) Cyclohexane	5.57	56	464230	99.044	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	405333	101.267	ug/l	99
36) 1,1-Dichloropropene	5.80	75	365736	96.271	ug/l	100
37) Ethyl Acetate	4.86	43	432719	95.983	ug/l	99
38) Carbon Tetrachloride	5.78	117	363556	100.801	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	463886	100.771	ug/l	98
40) Benzene	6.14	78	1114272	98.522	ug/l	100
41) Methacrylonitrile	5.06	41	241312	98.177	ug/l	99
42) 1,2-Dichloroethane	6.20	62	360128	97.366	ug/l	100
43) Isopropyl Acetate	6.46	43	675716	101.275	ug/l	100
44) Trichloroethene	7.21	130	301287	96.666	ug/l	98
45) 1,2-Dichloropropane	7.52	63	295584	98.952	ug/l	99
46) Dibromomethane	7.66	93	185247	97.992	ug/l	99
47) Bromodichloromethane	7.90	83	364739	101.764	ug/l	99
48) Methyl methacrylate	7.77	41	352963	100.619	ug/l	99
49) 1,4-Dioxane	7.75	88	143052	1985.171	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2116901	493.353	ug/l	99
52) Toluene	8.79	92	680280	98.520	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	410390	109.703	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	450655	106.678	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	274785	98.306	ug/l	100
56) Ethyl methacrylate	9.18	69	437424	104.227	ug/l	99
57) 1,3-Dichloropropane	9.37	76	460706	98.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1128055	519.616	ug/l	100
59) 2-Hexanone	9.50	43	1645134	493.838	ug/l	100
60) Dibromochloromethane	9.58	129	305320	104.503	ug/l	99
61) 1,2-Dibromoethane	9.67	107	292859	98.682	ug/l	100
64) Tetrachloroethene	9.33	164	278744	92.031	ug/l	98
65) Chlorobenzene	10.14	112	742125	97.033	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	277541	101.252	ug/l	100
67) Ethyl Benzene	10.25	91	1267023	100.640	ug/l	100
68) m/p-Xylenes	10.36	106	978183	201.575	ug/l	100
69) o-Xylene	10.70	106	475785	101.555	ug/l	99
70) Styrene	10.71	104	793106	103.451	ug/l	100
71) Bromoform	10.86	173	251289	106.751	ug/l #	100
73) Isopropylbenzene	11.02	105	1260702	96.641	ug/l	99
74) N-amyl acetate	10.90	43	603852	101.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	420032	93.345	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	504596	123.639	ug/l	89
77) Bromobenzene	11.26	156	336344	94.041	ug/l	99
78) n-propylbenzene	11.36	91	1440910	99.564	ug/l	100
79) 2-Chlorotoluene	11.42	91	840300	94.964	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1057686	98.509	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	140032	110.588	ug/l	96
82) 4-Chlorotoluene	11.51	91	986582	97.291	ug/l	100
83) tert-Butylbenzene	11.77	119	1080721	99.926	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1086135	98.679	ug/l	99
85) sec-Butylbenzene	11.94	105	1272900	99.931	ug/l	99
86) p-Isopropyltoluene	12.07	119	1156086	101.344	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	608646	96.192	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	608756	93.872	ug/l	100
89) n-Butylbenzene	12.39	91	1012836	104.798	ug/l	99
90) Hexachloroethane	12.60	117	197363	103.478	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	603560	96.019	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	95324	101.363	ug/l	98

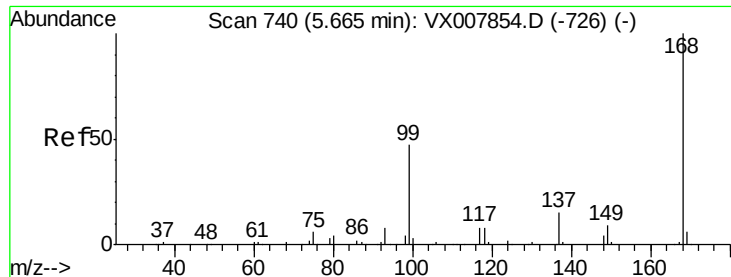
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	451414	102.228	ug/l	99
94) Hexachlorobutadiene	13.78	225	227533	98.556	ug/l	99
95) Naphthalene	13.83	128	1322471	103.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	440297	100.093	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

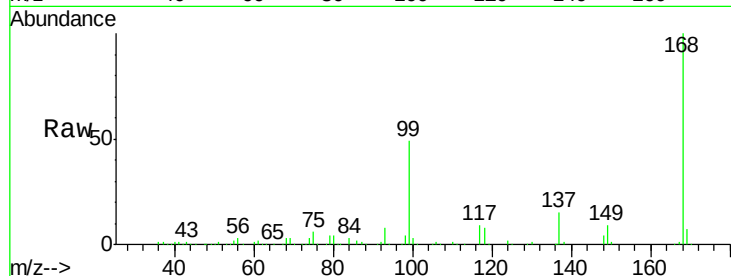
VSTDIC100

Tgt Ion:168 Resp: 289163

Ion Ratio Lower Upper

168 100

99 48.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

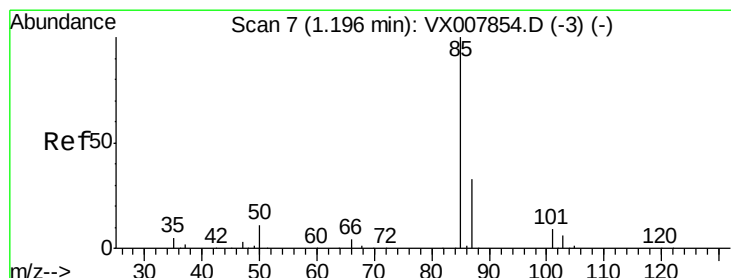
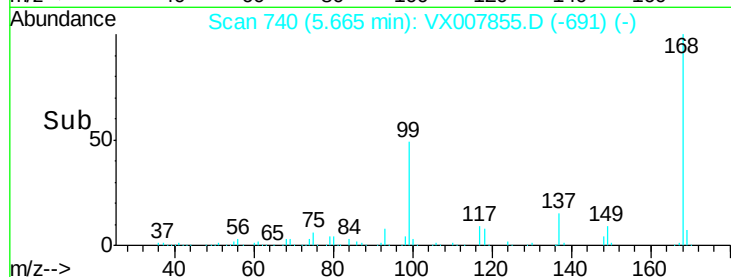
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 96.699 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007855.D

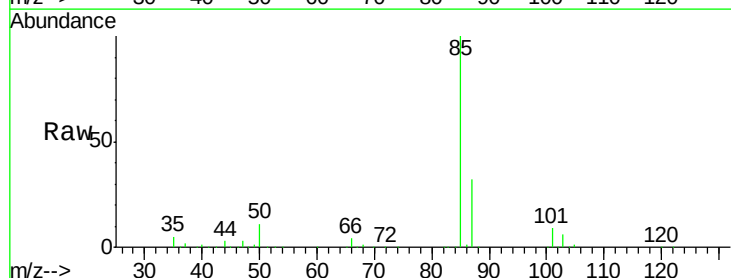
Acq: 06 Mar 2019 11:27

Tgt Ion: 85 Resp: 238892

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

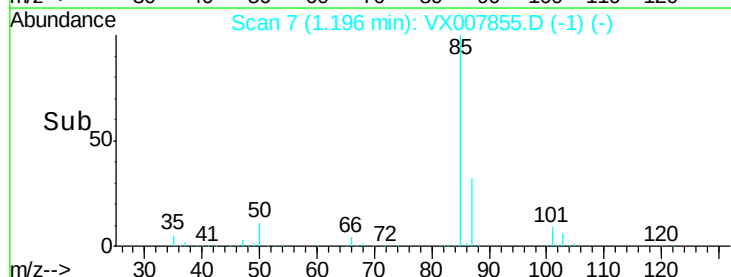
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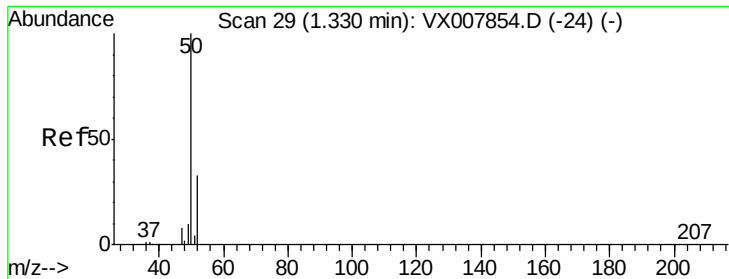
100000

50000

0

Time-->





#3

Chloromethane

Concen: 92.939 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

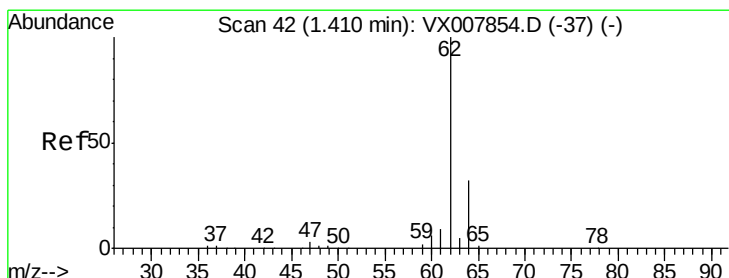
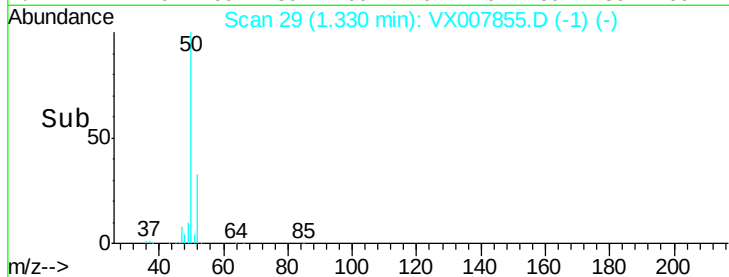
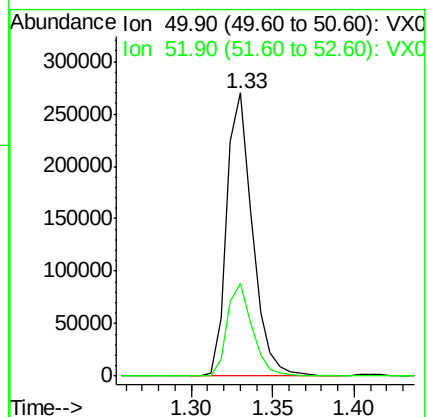
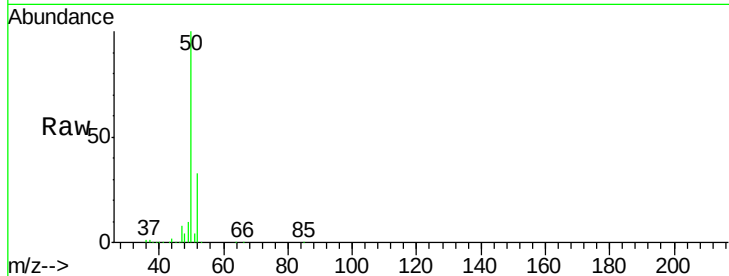
VSTDIC100

Tgt Ion: 50 Resp: 295891

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 98.054 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007855.D

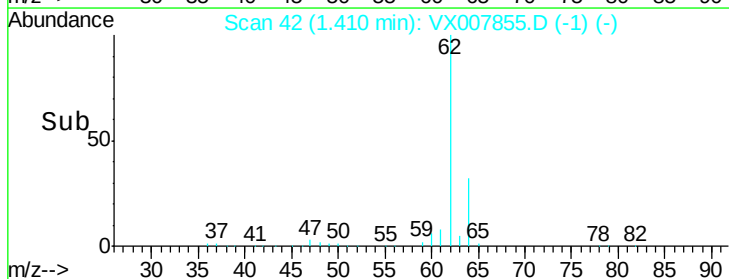
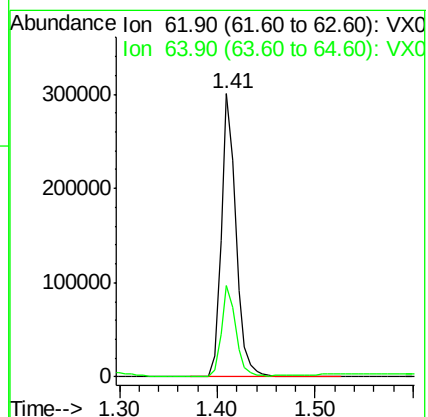
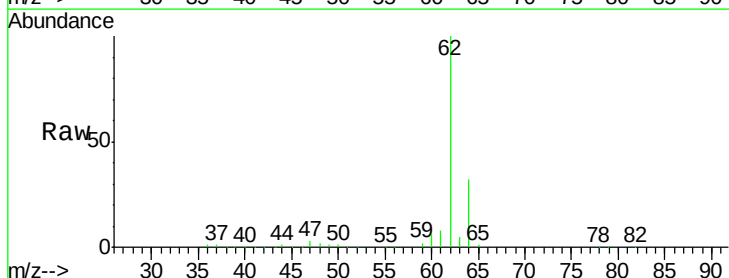
Acq: 06 Mar 2019 11:27

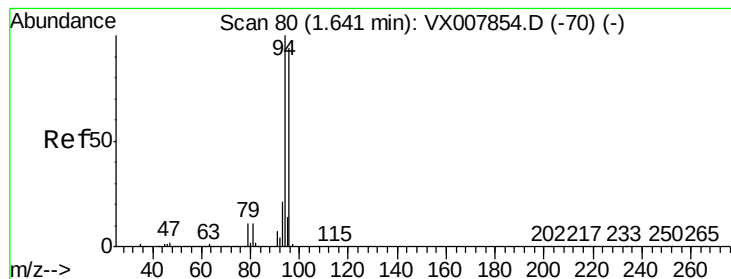
Tgt Ion: 62 Resp: 310184

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 76.514 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

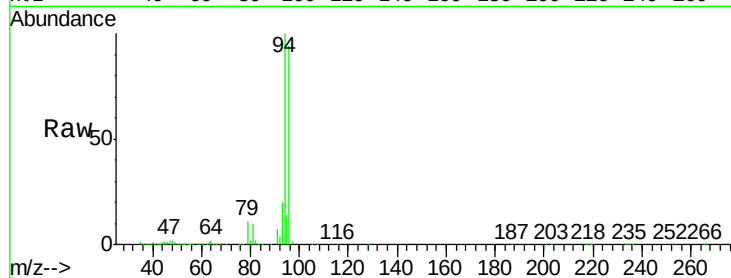
VSTDIC100

Tgt Ion: 94 Resp: 147177

Ion Ratio Lower Upper

94 100

96 93.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

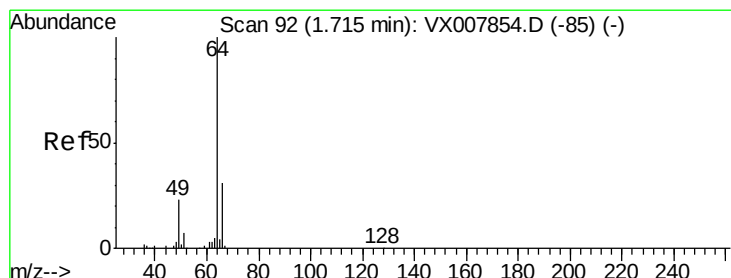
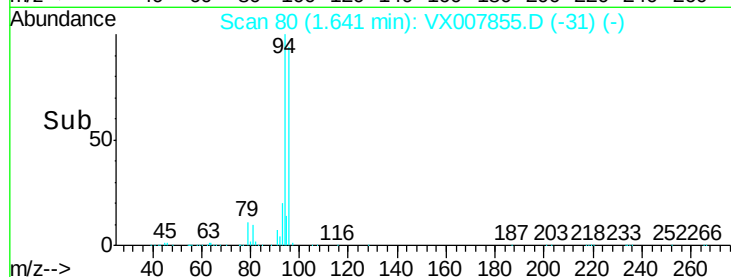
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 89.704 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007855.D

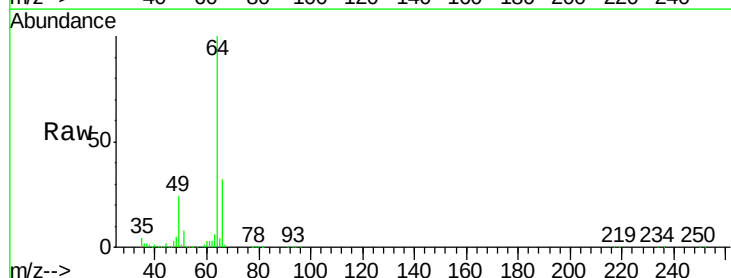
Acq: 06 Mar 2019 11:27

Tgt Ion: 64 Resp: 188515

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

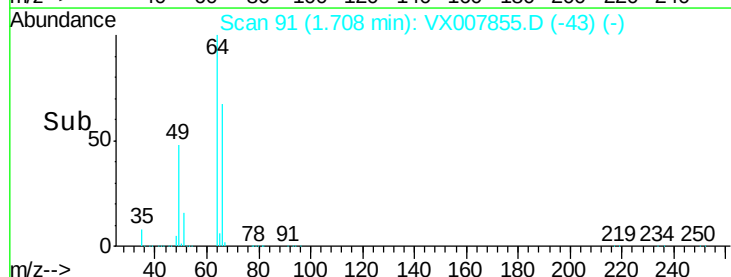
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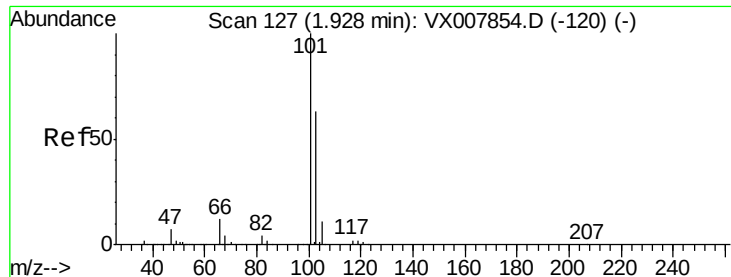
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Time-->



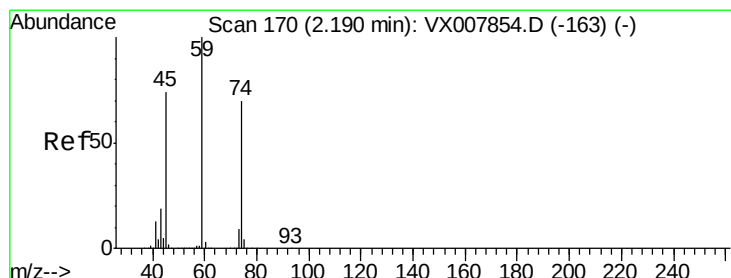
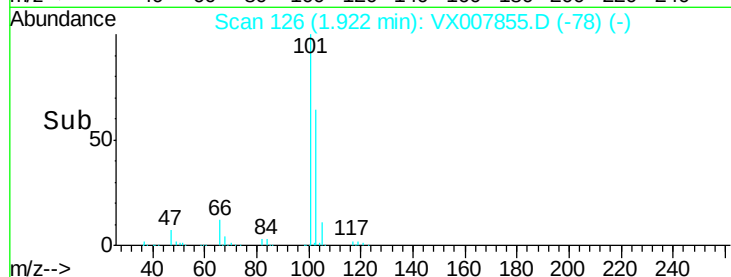
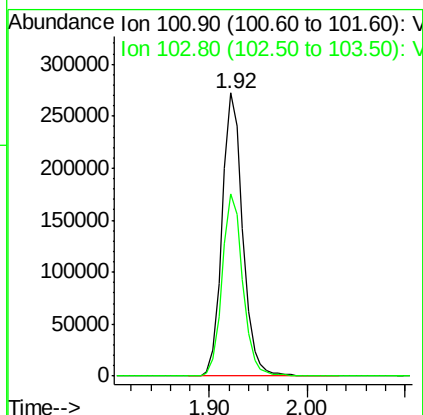
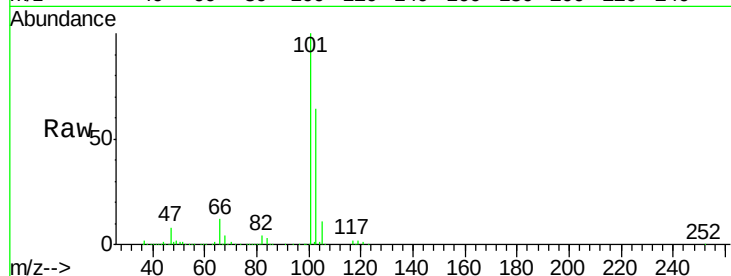


#7

Trichlorofluoromethane
Concen: 96.778 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

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MSVOA_X
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VSTDIC100

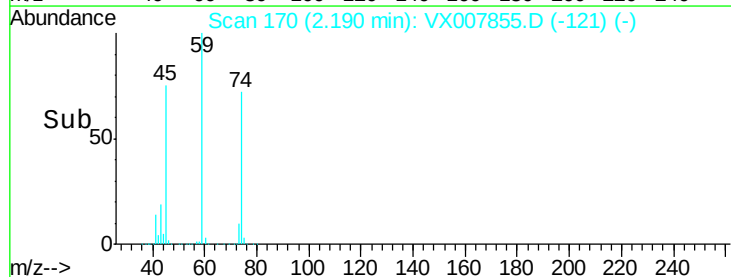
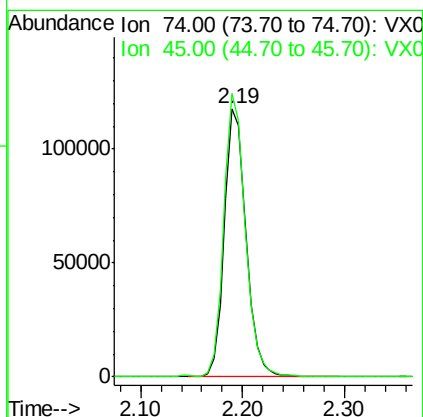
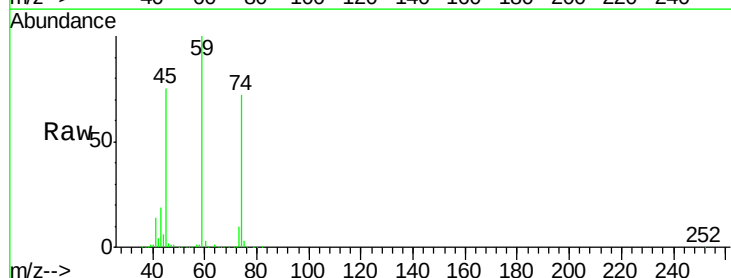
Tgt Ion:101 Resp: 398594
Ion Ratio Lower Upper
101 100
103 64.2 50.4 75.6

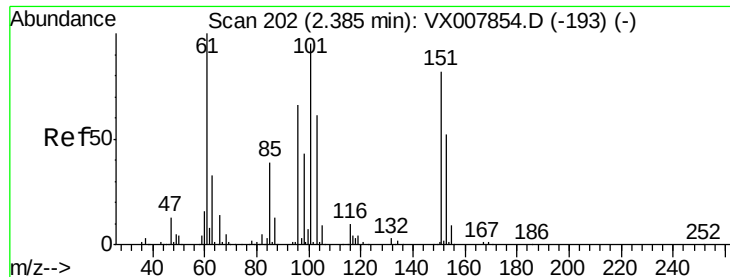


#8

Diethyl Ether
Concen: 97.482 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 74 Resp: 173858
Ion Ratio Lower Upper
74 100
45 104.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.647 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

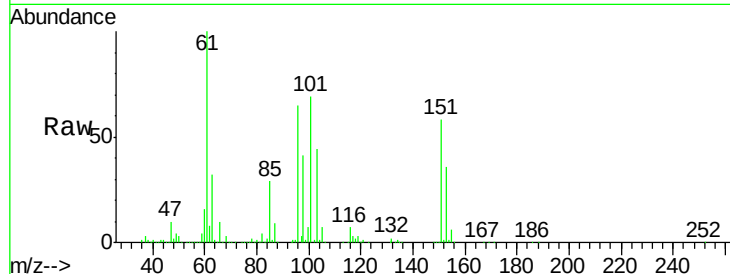
Tgt Ion:101 Resp: 244119

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

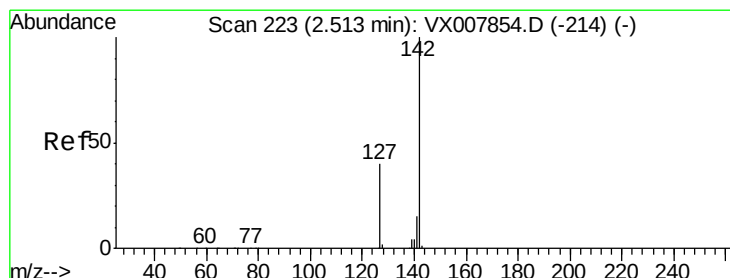
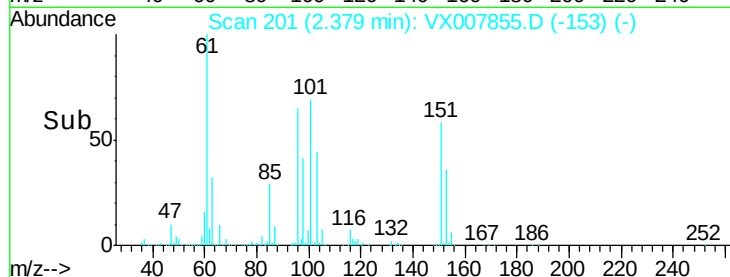
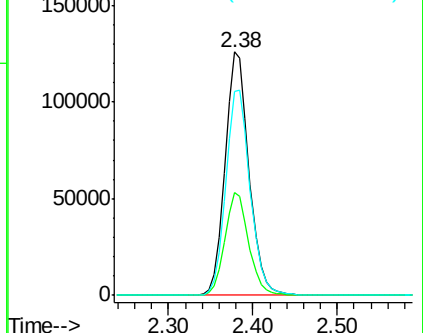
151 86.0 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 103.059 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

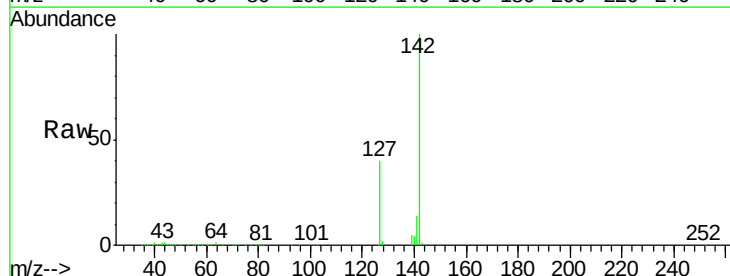
Tgt Ion:142 Resp: 373161

Ion Ratio Lower Upper

142 100

127 39.5 32.1 48.1

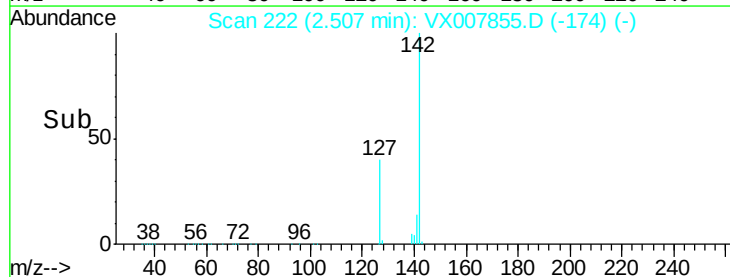
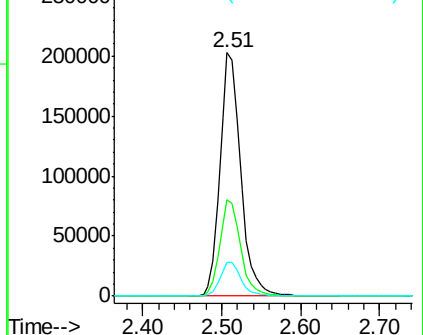
141 14.0 11.4 17.2

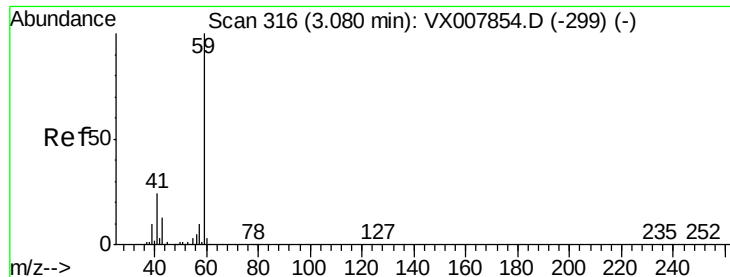


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

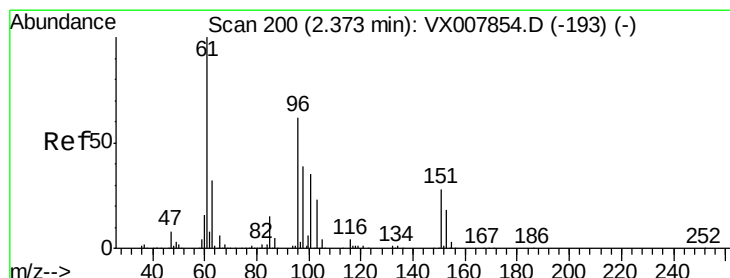
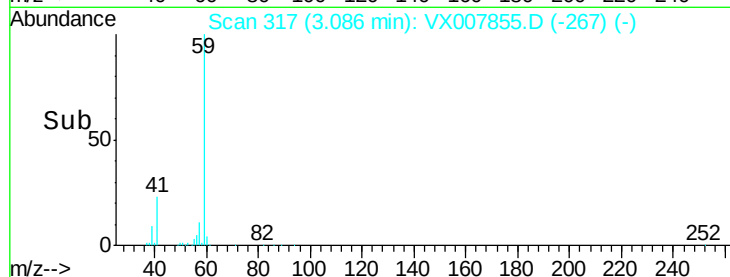
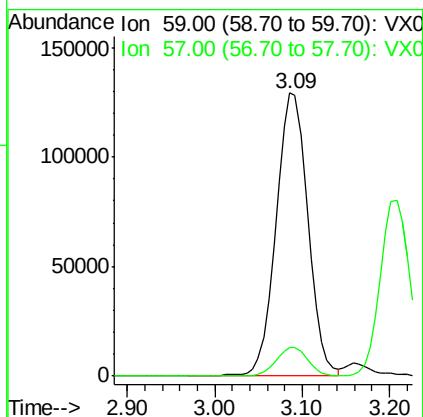
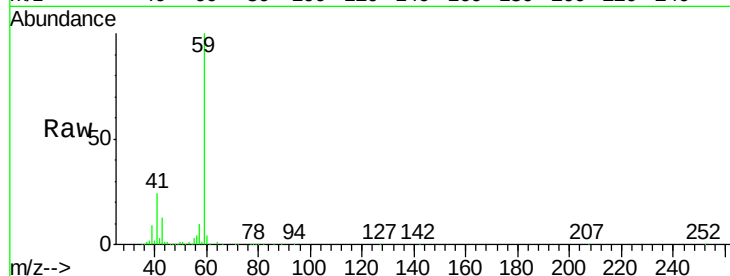




#11
Tert butyl alcohol
Concen: 481.381 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

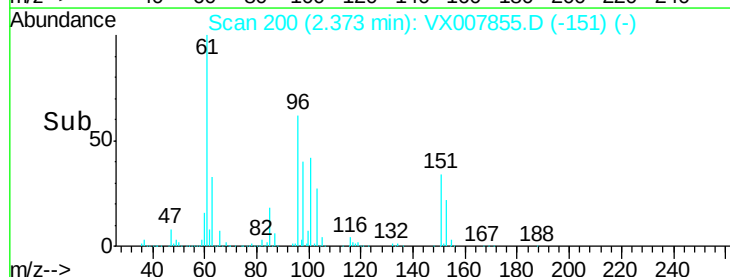
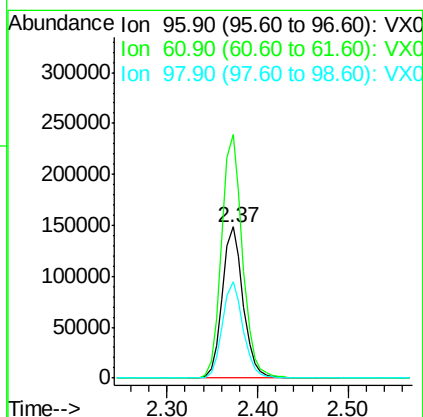
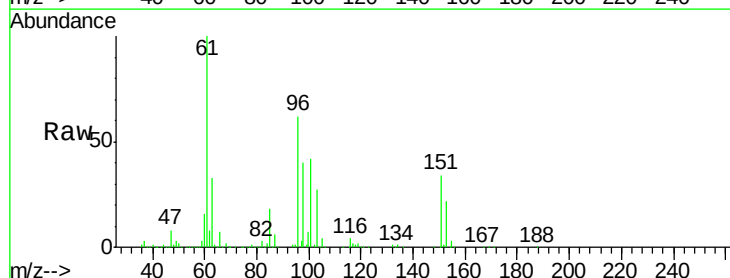
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

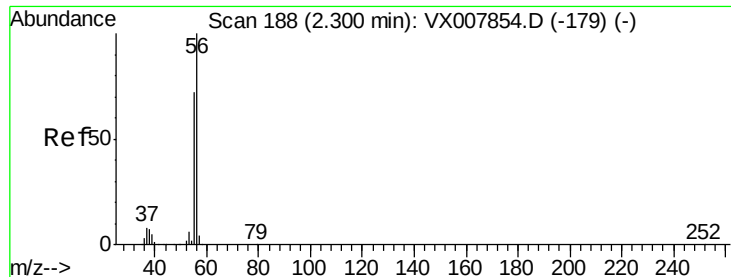
Tgt Ion: 59 Resp: 328384
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 96.786 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 96 Resp: 238116
Ion Ratio Lower Upper
96 100
61 161.0 129.8 194.6
98 63.8 51.0 76.6





#13

Acrolein

Concen: 466.361 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

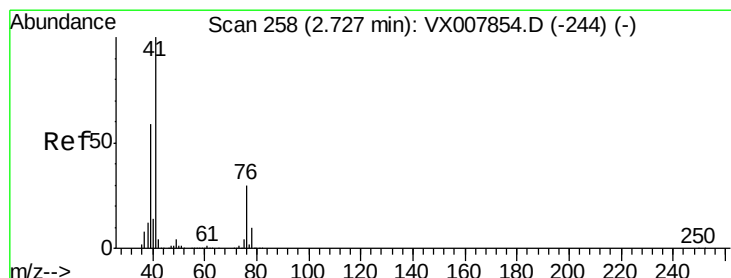
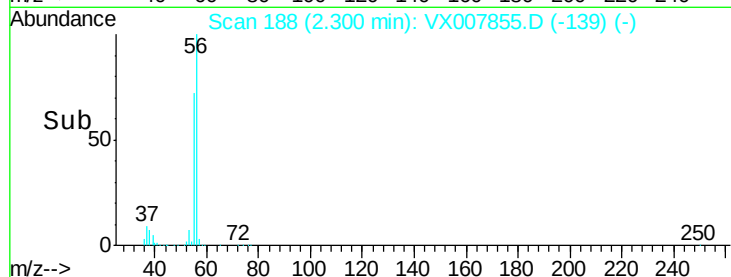
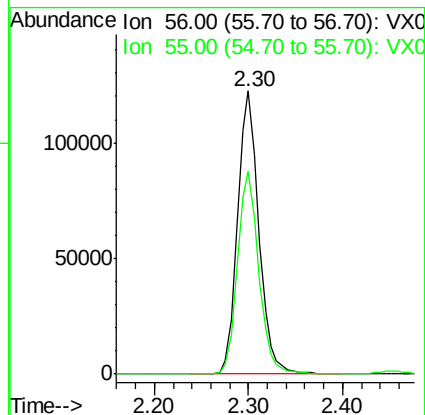
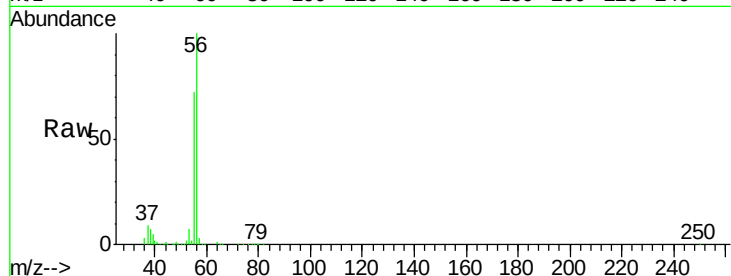
VSTDICC100

Tgt Ion: 56 Resp: 192105

Ion Ratio Lower Upper

56 100

55 71.8 57.8 86.6



#14

Allyl chloride

Concen: 98.199 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

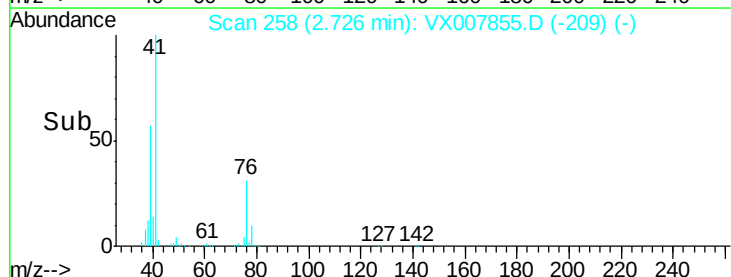
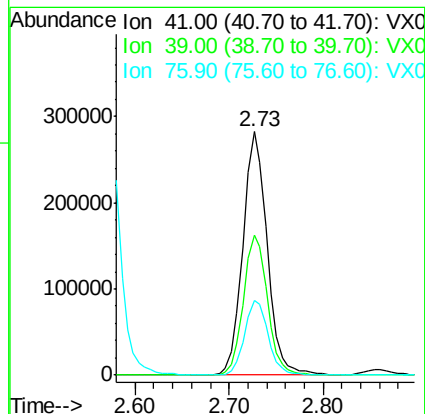
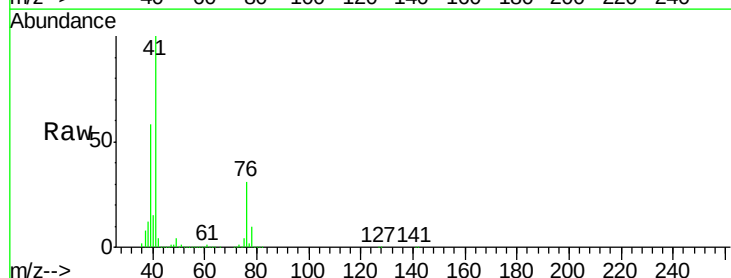
Tgt Ion: 41 Resp: 507661

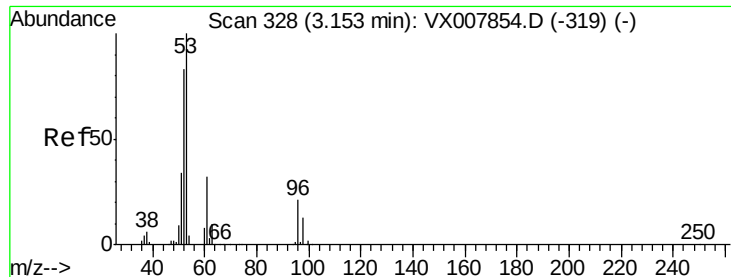
Ion Ratio Lower Upper

41 100

39 57.3 46.1 69.1

76 30.1 24.0 36.0





#15

Acrylonitrile

Concen: 474.803 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

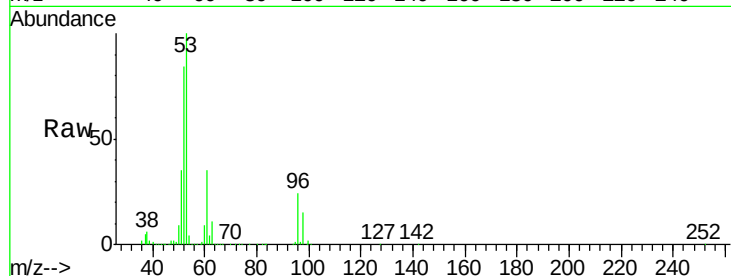
Tgt Ion: 53 Resp: 817546

Ion Ratio Lower Upper

53 100

52 82.4 66.0 99.0

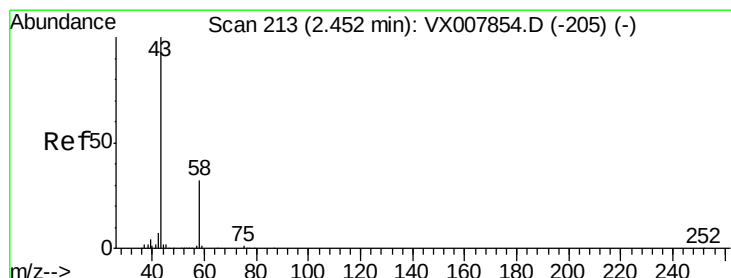
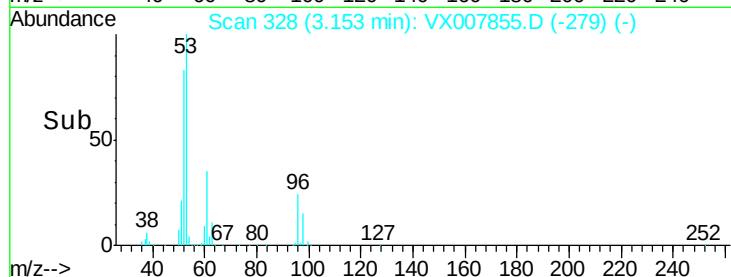
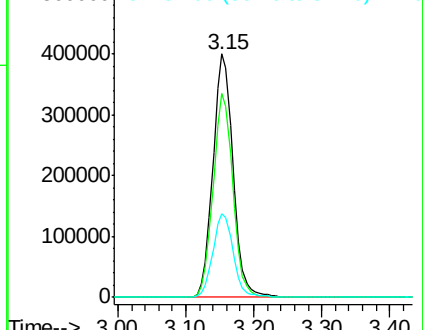
51 35.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 459.024 ug/l

RT: 2.45 min Scan# 213

Delta R.T. -0.00 min

Lab File: VX007855.D

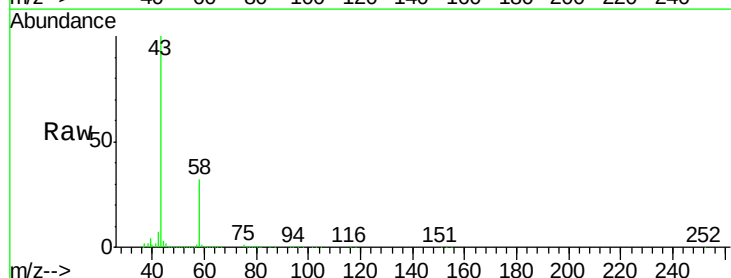
Acq: 06 Mar 2019 11:27

Tgt Ion: 43 Resp: 810446

Ion Ratio Lower Upper

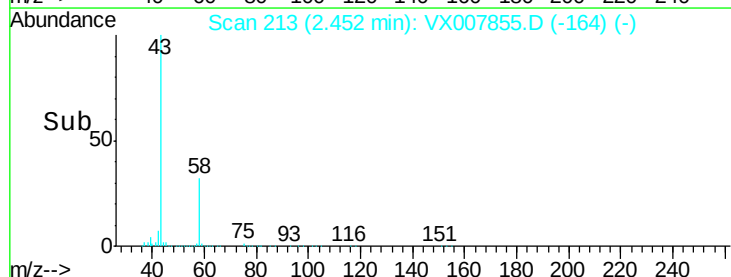
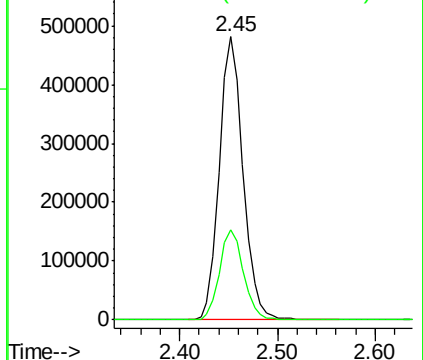
43 100

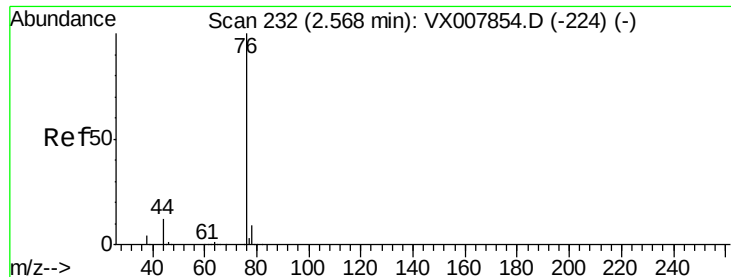
58 31.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 90.179 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

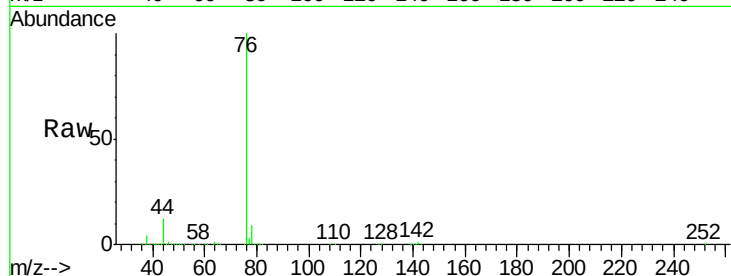
VSTDIC100

Tgt Ion: 76 Resp: 744920

Ion Ratio Lower Upper

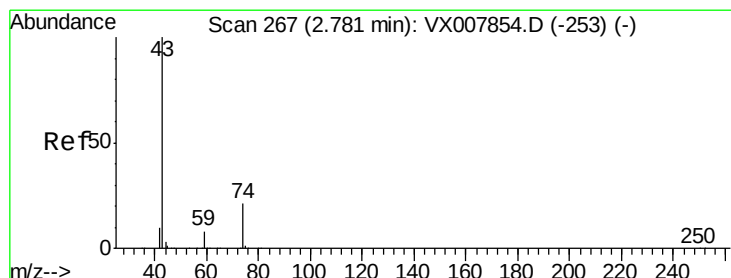
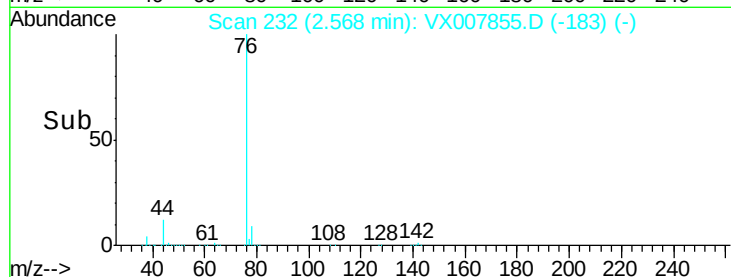
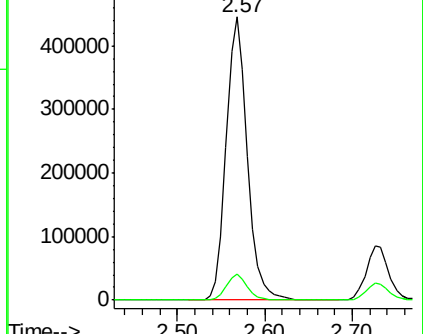
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 96.781 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007855.D

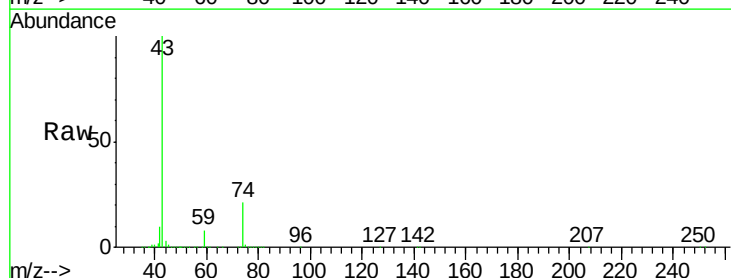
Acq: 06 Mar 2019 11:27

Tgt Ion: 43 Resp: 363018

Ion Ratio Lower Upper

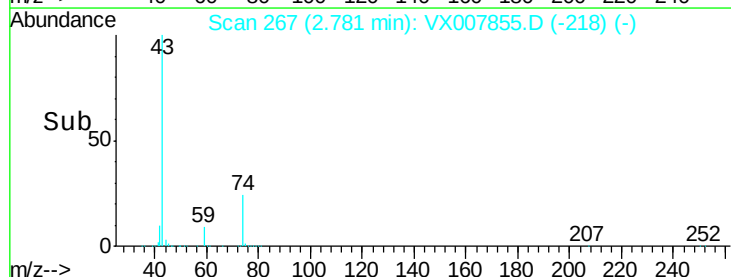
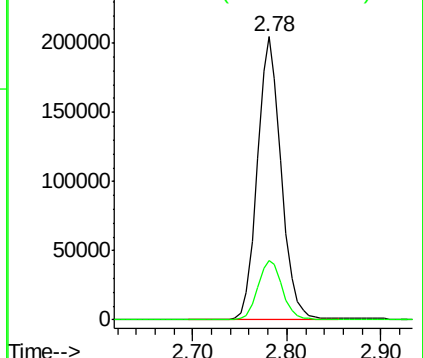
43 100

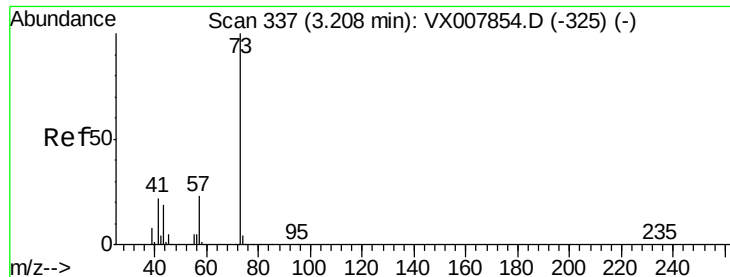
74 21.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 98.014 ug/l

RT: 3.21 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

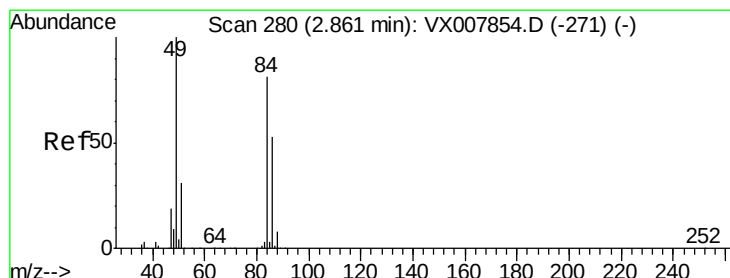
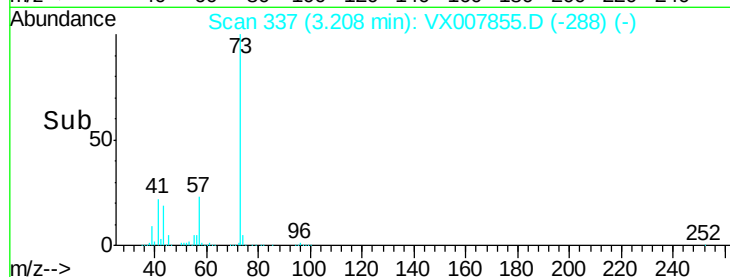
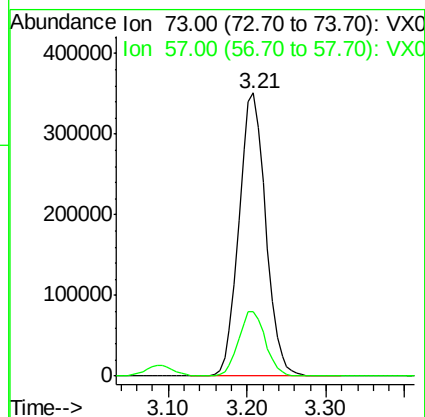
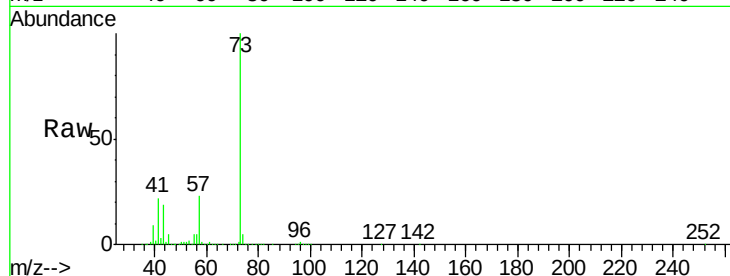
VSTDIC100

Tgt Ion: 73 Resp: 829568

Ion Ratio Lower Upper

73 100

57 22.8 18.2 27.4



#20

Methylene Chloride

Concen: 93.014 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Tgt Ion: 84 Resp: 261365

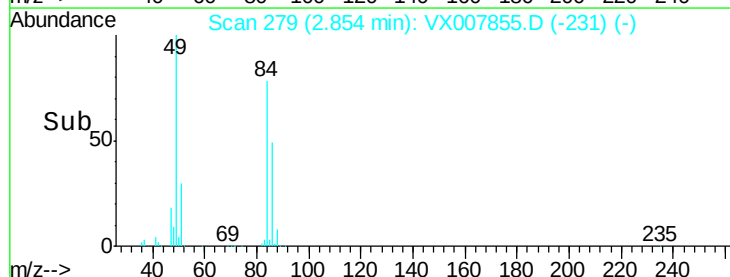
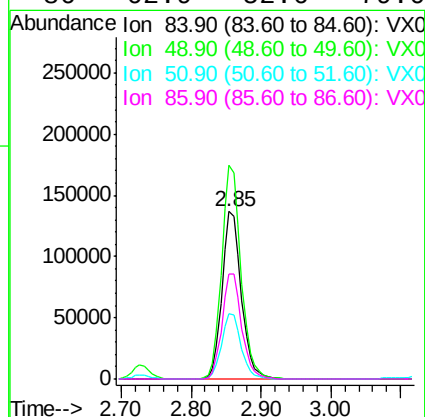
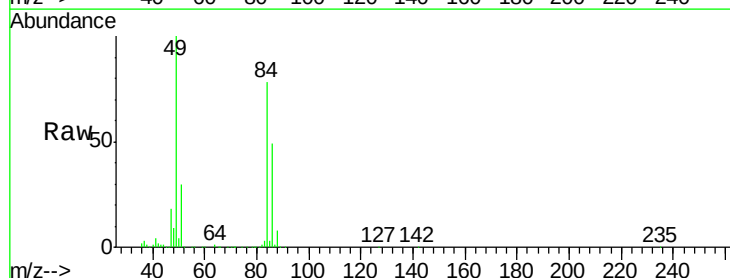
Ion Ratio Lower Upper

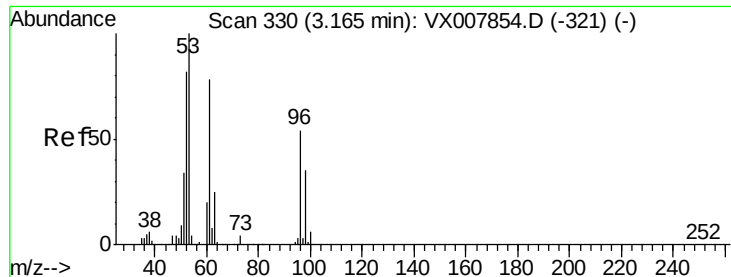
84 100

49 127.6 99.3 148.9

51 38.7 31.3 46.9

86 62.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 94.368 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

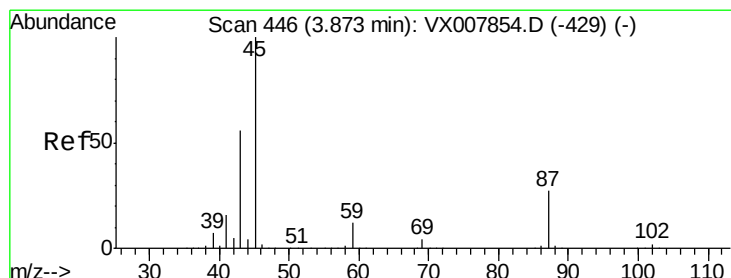
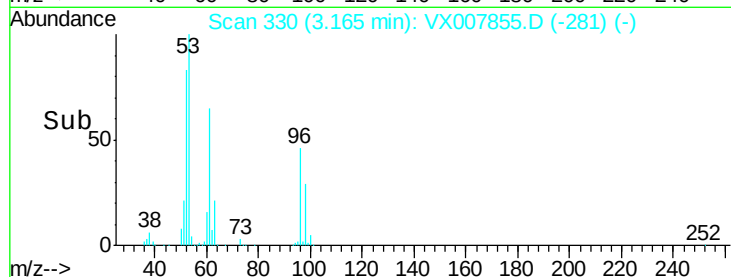
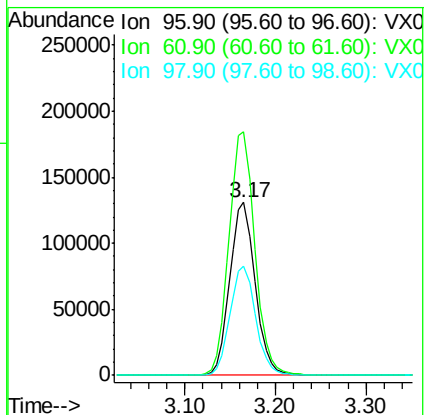
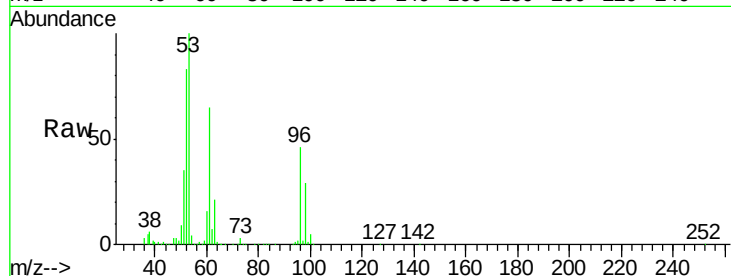
Tgt Ion: 96 Resp: 255457

Ion Ratio Lower Upper

96 100

61 140.7 114.4 171.6

98 63.1 51.1 76.7



#22

Diisopropyl ether

Concen: 97.048 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Tgt Ion: 45 Resp: 919686

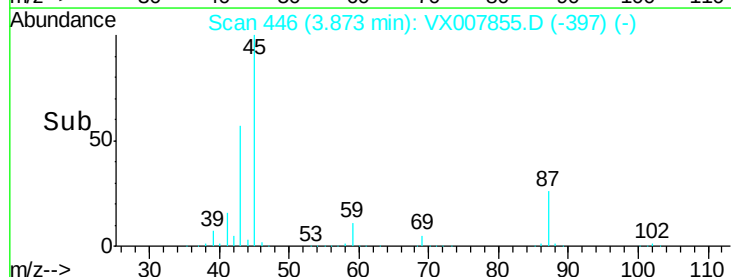
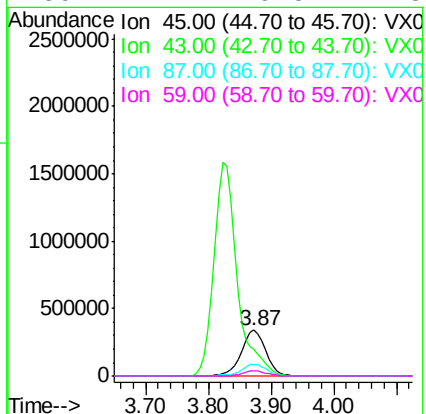
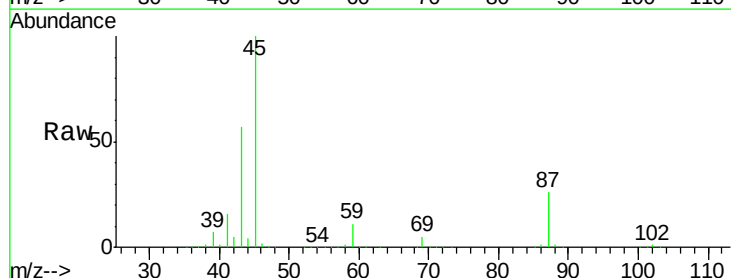
Ion Ratio Lower Upper

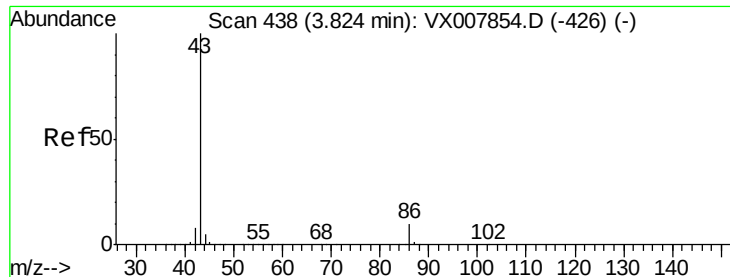
45 100

43 57.2 45.3 67.9

87 26.4 21.4 32.0

59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 492.769 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

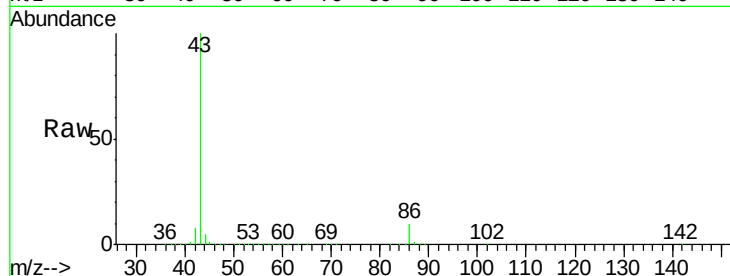
VSTDIC100

Tgt Ion: 43 Resp: 4095055

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

1500000

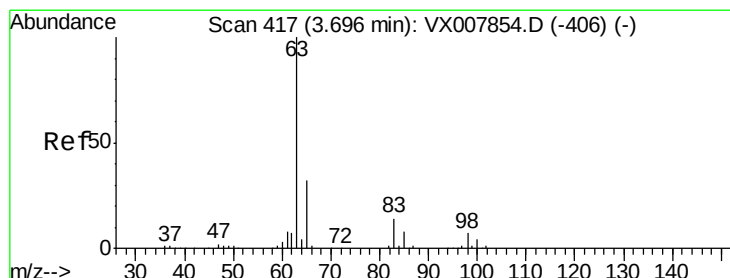
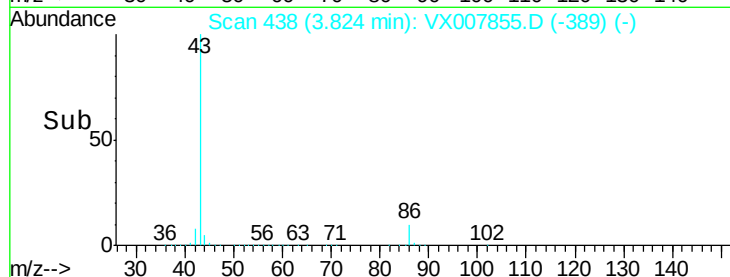
1000000

500000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 97.599 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

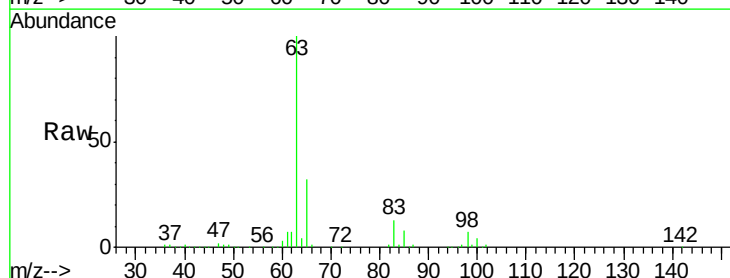
Tgt Ion: 63 Resp: 497740

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

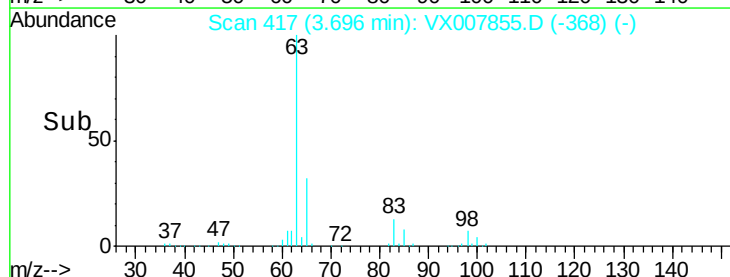
100000

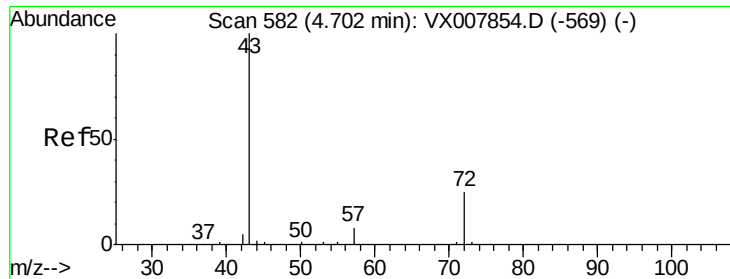
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 478.020 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

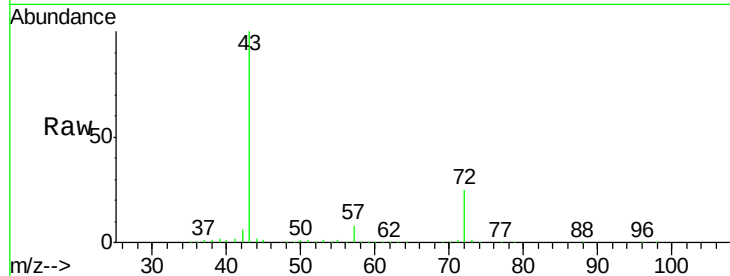
VSTDIC100

Tgt Ion: 43 Resp: 1194866

Ion Ratio Lower Upper

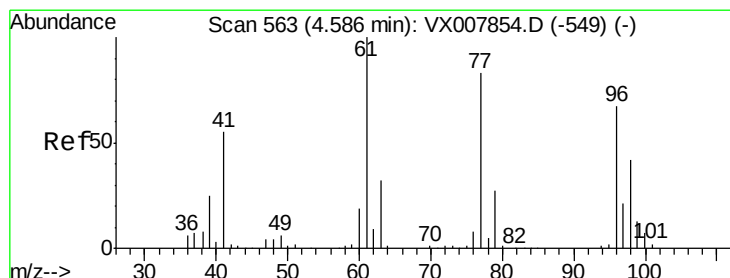
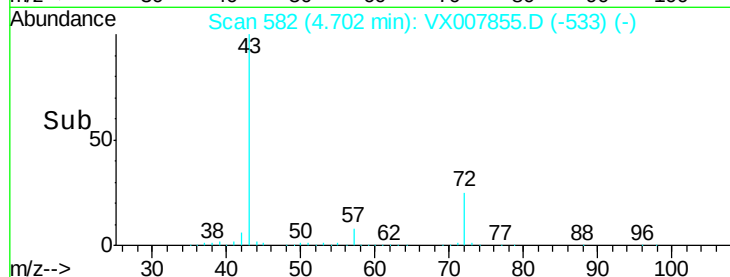
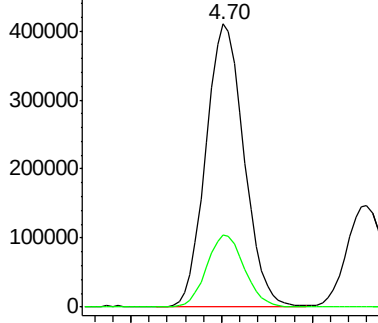
43 100

72 25.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 101.733 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007855.D

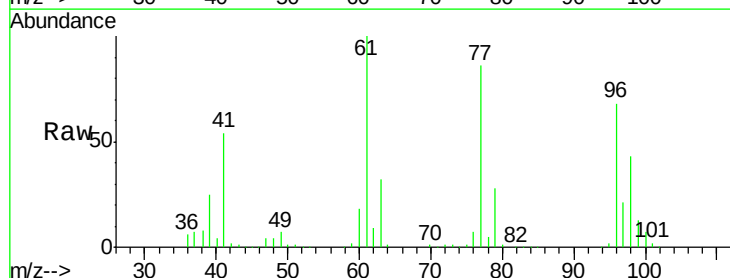
Acq: 06 Mar 2019 11:27

Tgt Ion: 77 Resp: 343725

Ion Ratio Lower Upper

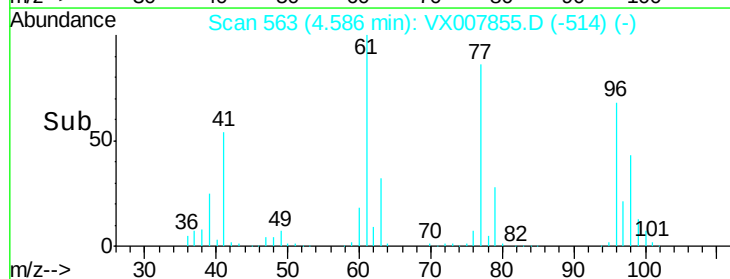
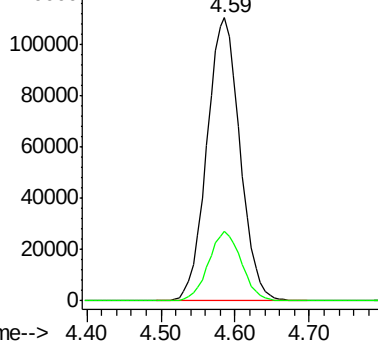
77 100

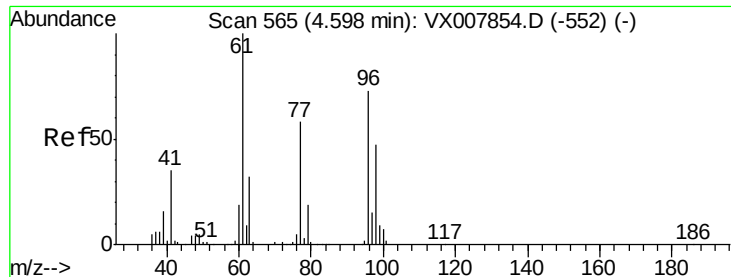
97 24.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



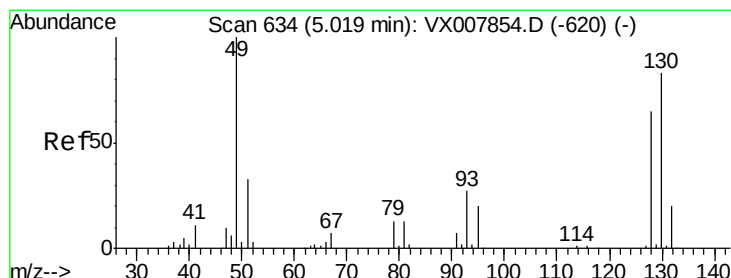
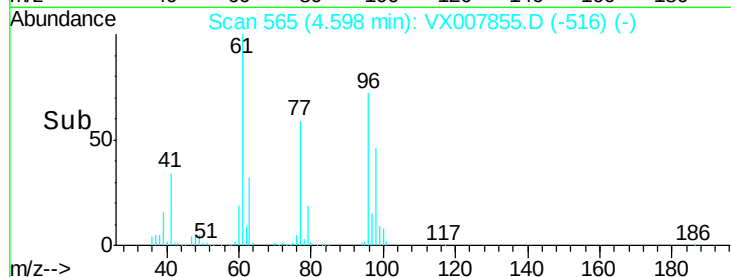
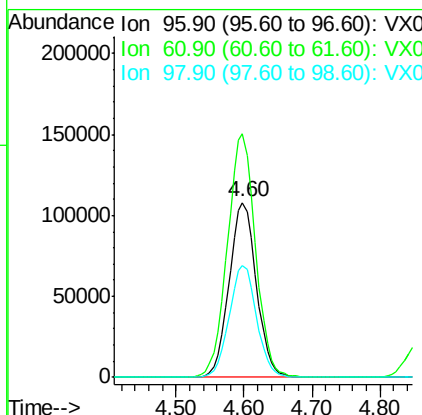
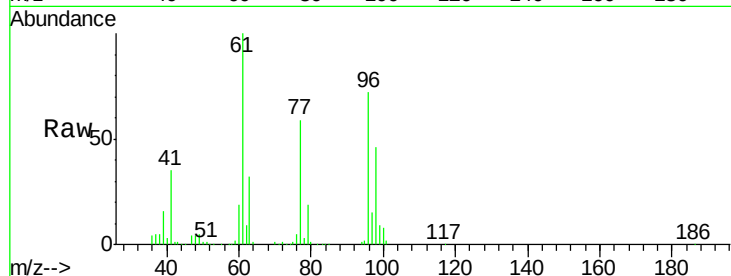


#27

cis-1,2-Dichloroethene
 Concen: 96.918 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

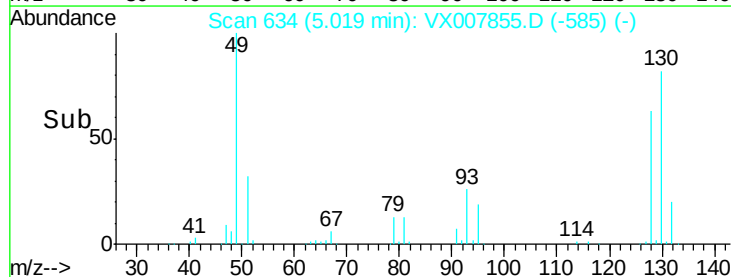
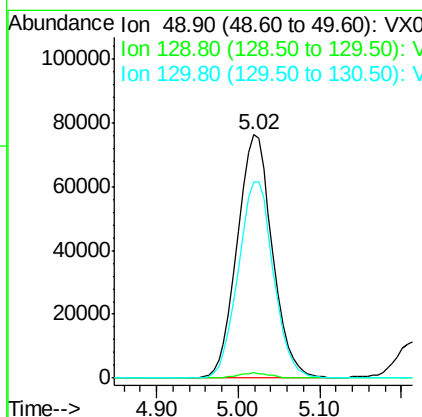
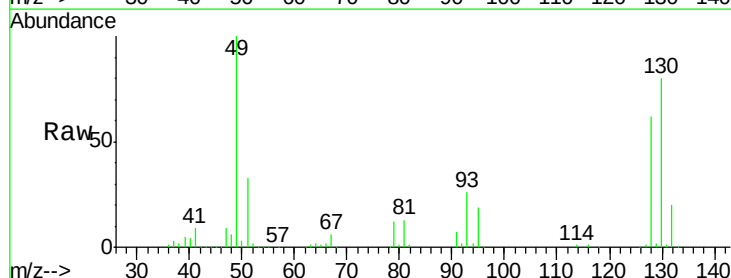
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	288.0
98	64.3	0.0	129.0

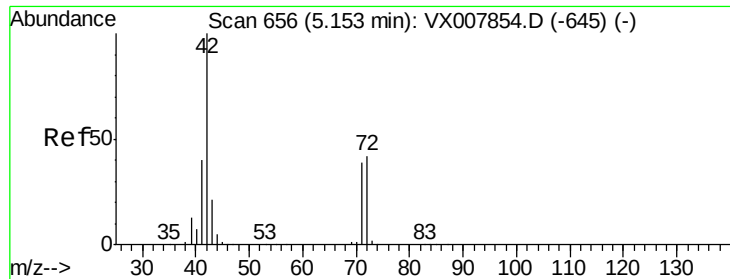


#28

Bromochloromethane
 Concen: 96.112 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	81.1	65.0	97.4

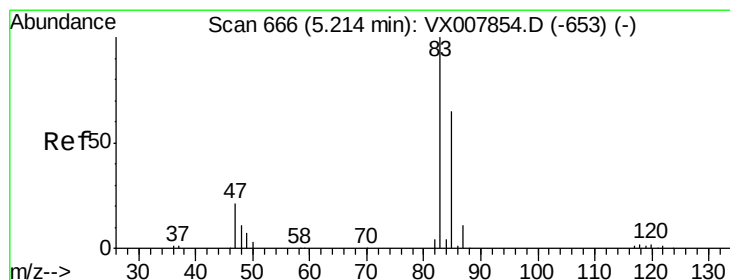
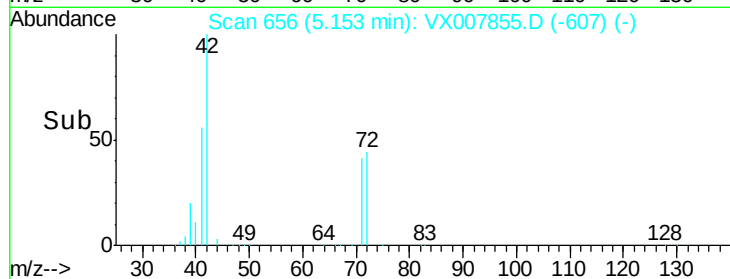
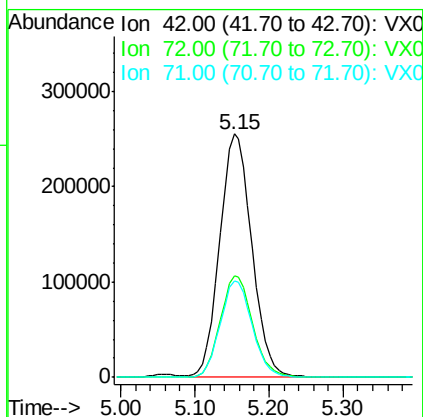
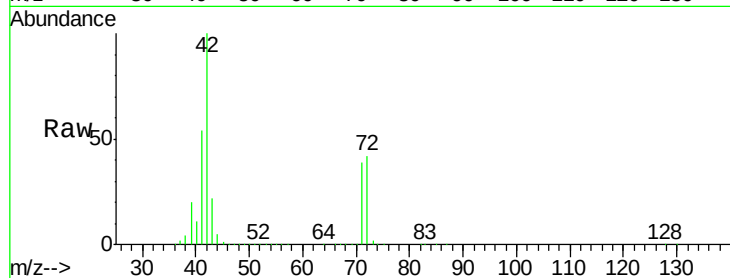




#29
Tetrahydrofuran
Concen: 489.614 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

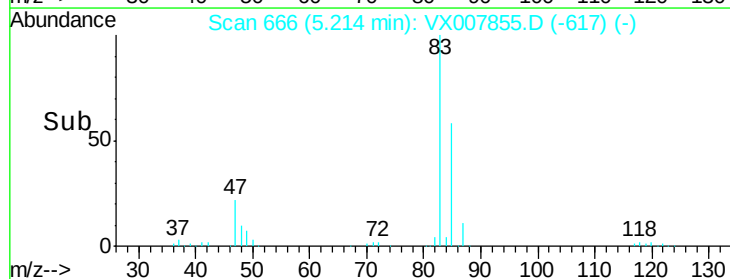
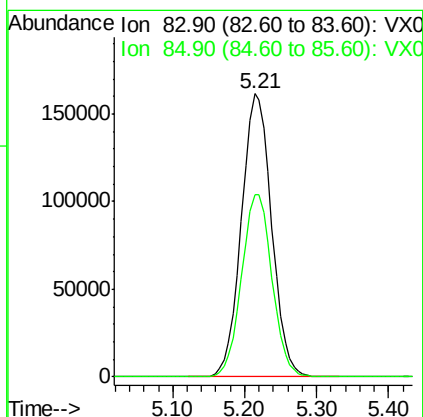
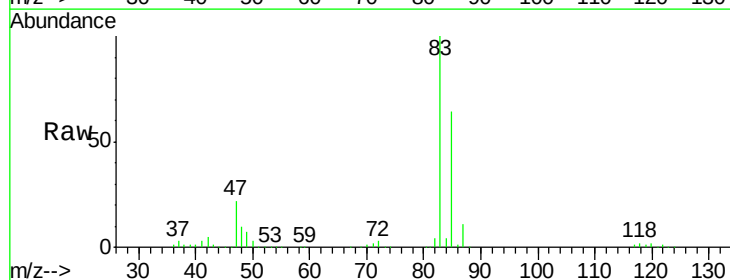
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

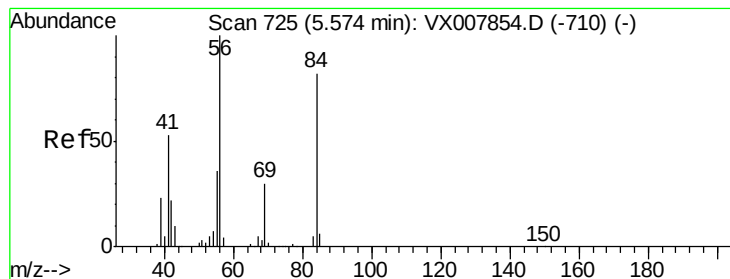
Tgt Ion: 42 Resp: 763393
Ion Ratio Lower Upper
42 100
72 42.1 33.8 50.6
71 39.6 31.5 47.3



#30
Chloroform
Concen: 97.513 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 83 Resp: 470414
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6





#31

Cyclohexane

Concen: 99.044 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

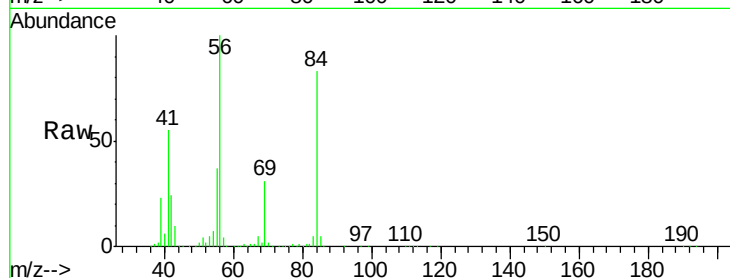
Tgt Ion: 56 Resp: 464230

Ion Ratio Lower Upper

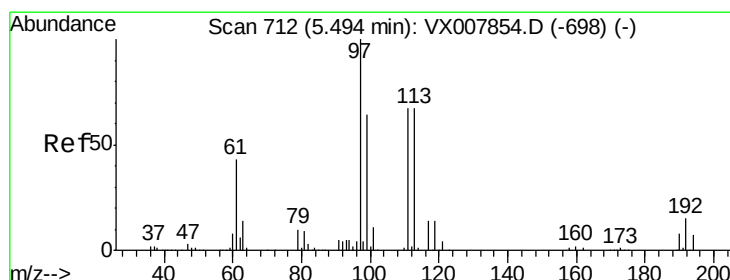
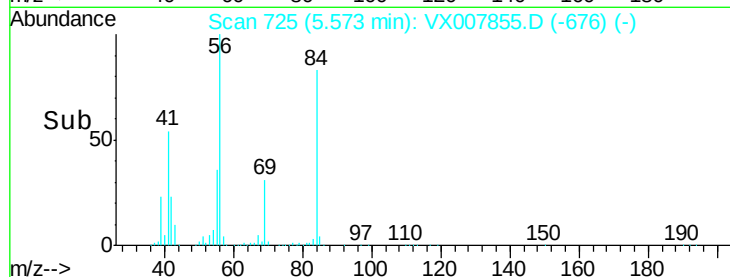
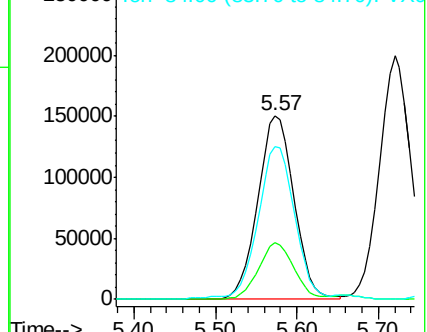
56 100

69 30.7 24.0 36.0

84 82.3 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 101.267 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

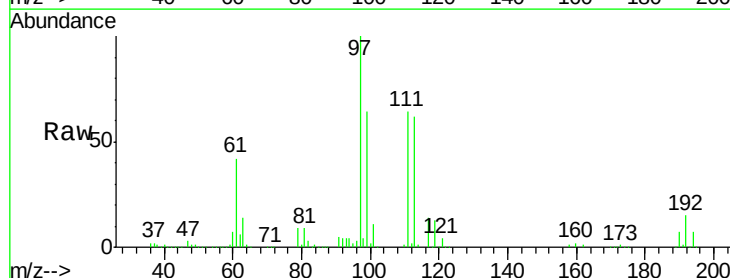
Tgt Ion: 97 Resp: 405333

Ion Ratio Lower Upper

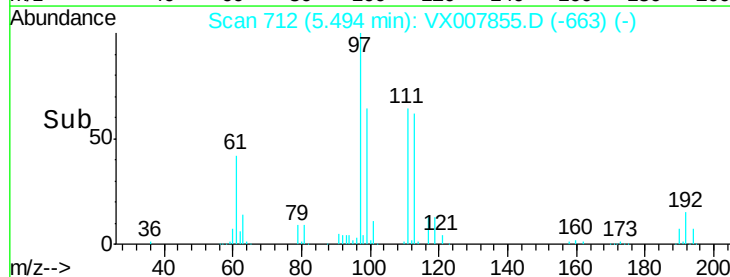
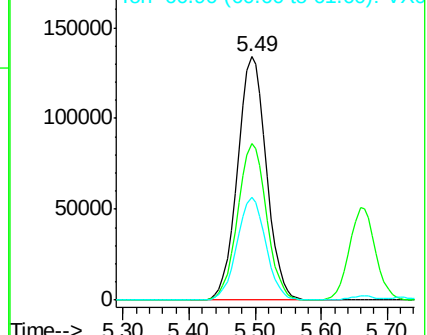
97 100

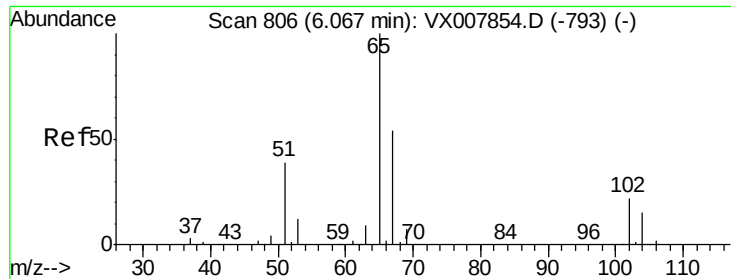
99 64.6 52.2 78.2

61 42.4 34.9 52.3



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

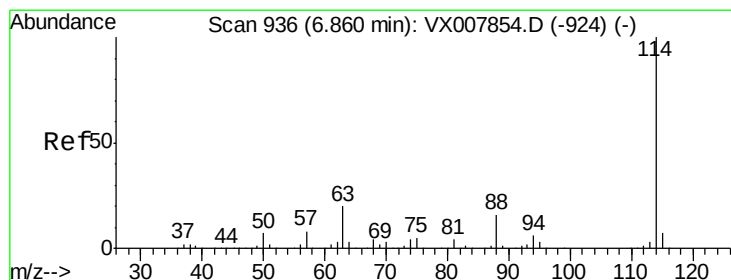
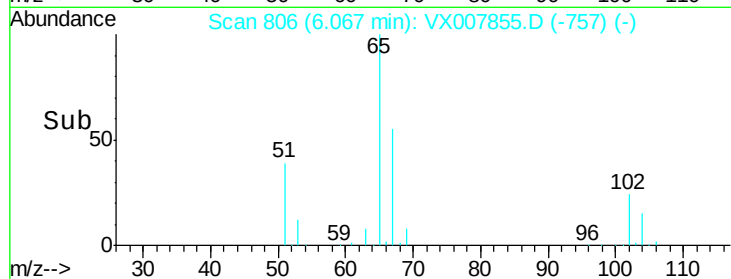
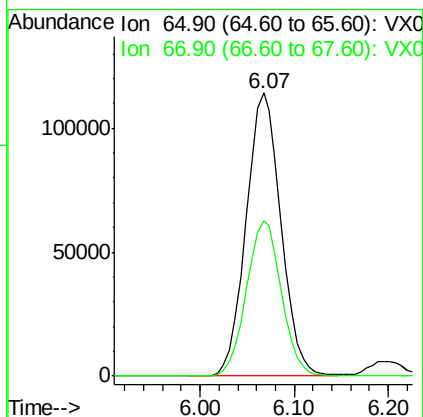
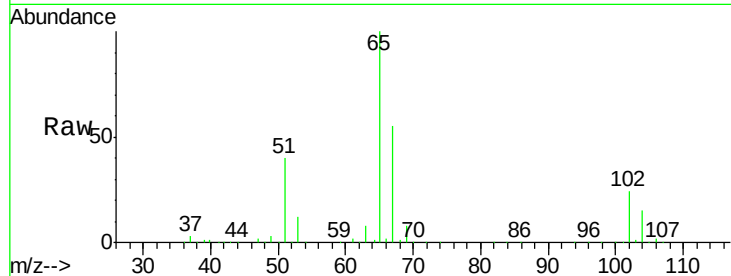




#33
 1,2-Dichloroethane-d4
 Concen: 97.151 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

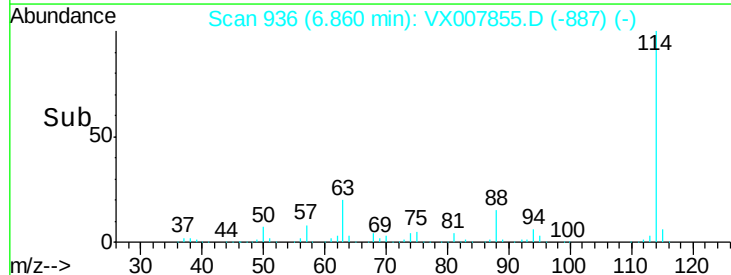
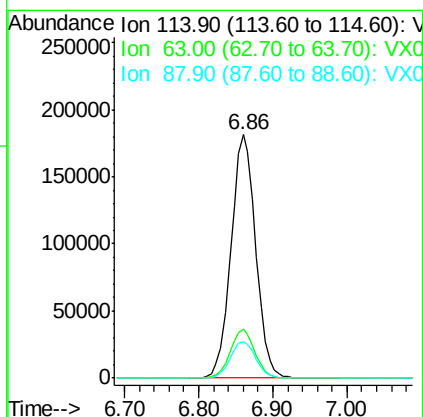
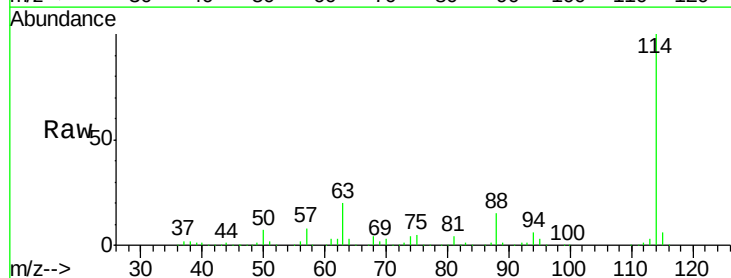
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

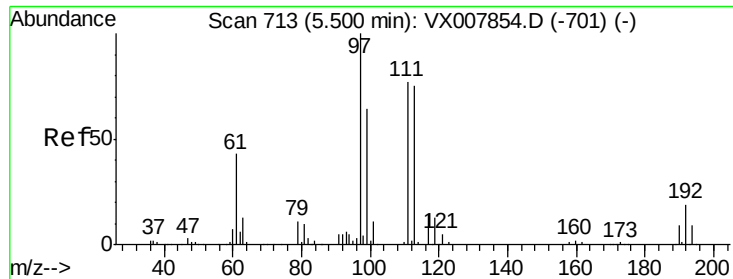
Tgt Ion: 65 Resp: 296348
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion: 114 Resp: 419559
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 14.9 0.0 31.4

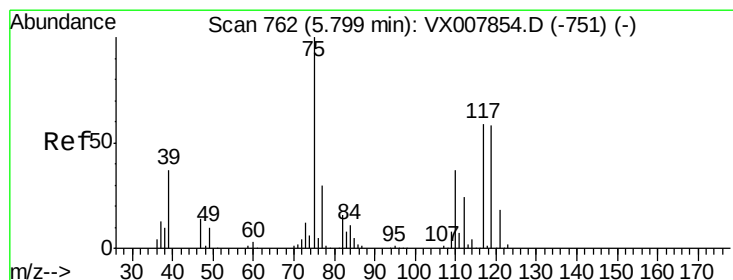
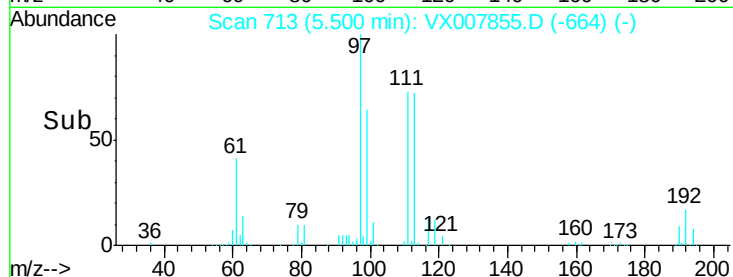
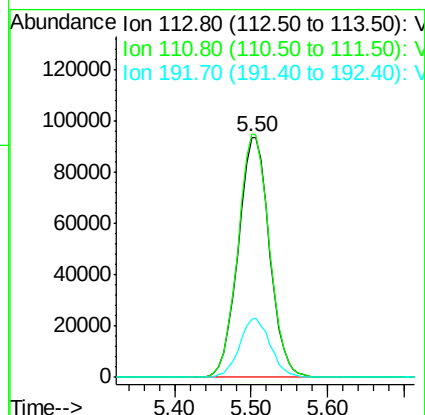
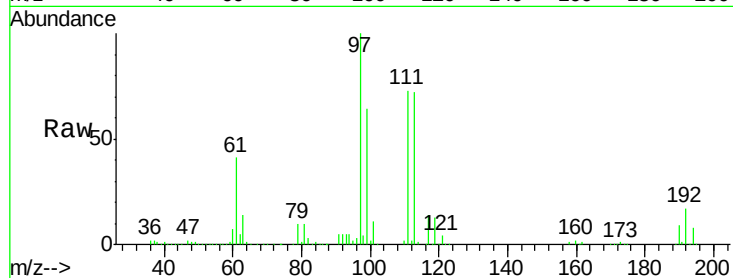




#35
 Dibromofluoromethane
 Concen: 98.542 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

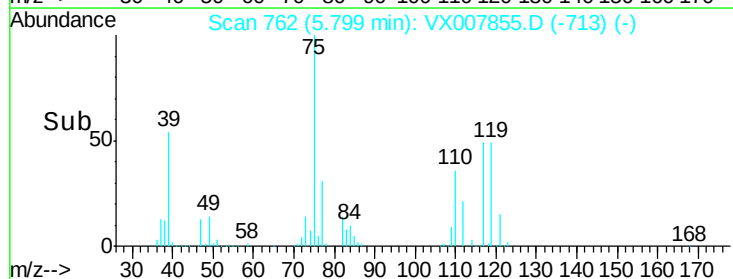
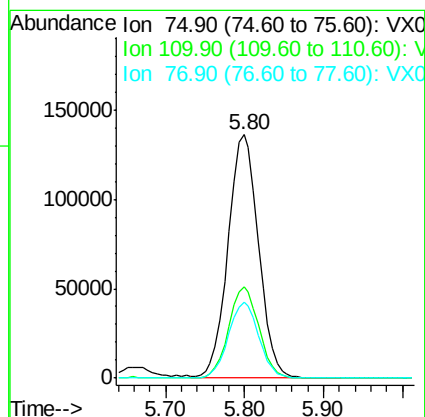
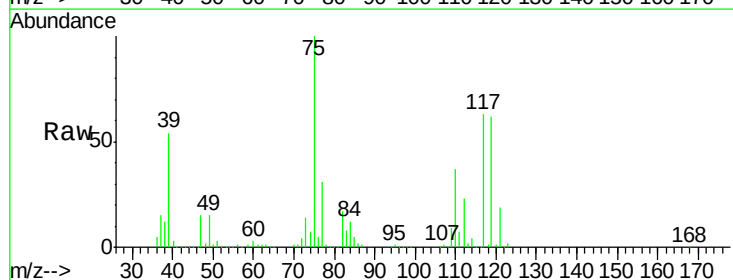
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

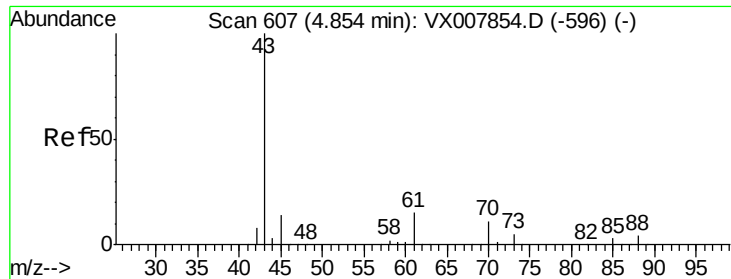
Tgt Ion:113 Resp: 264464
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 24.3 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 96.271 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion: 75 Resp: 365736
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.4 55.0
 77 31.3 25.0 37.4

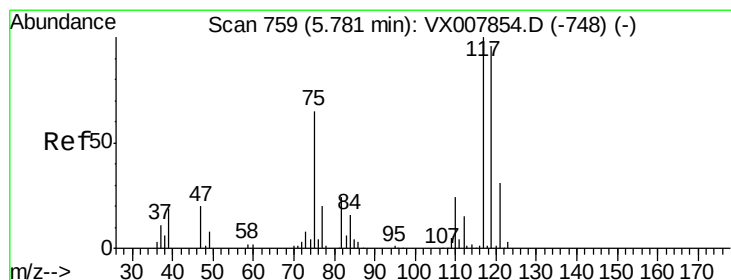
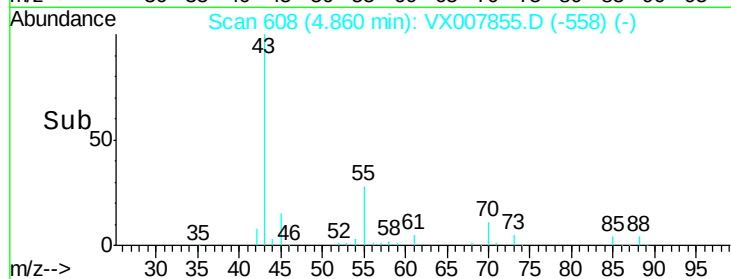
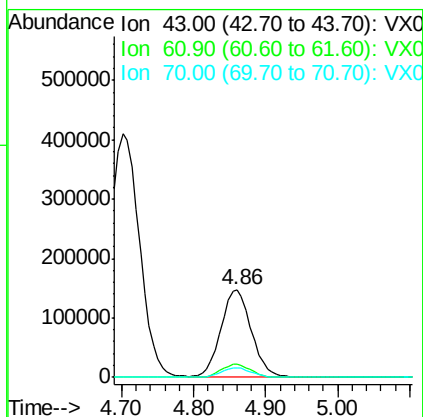
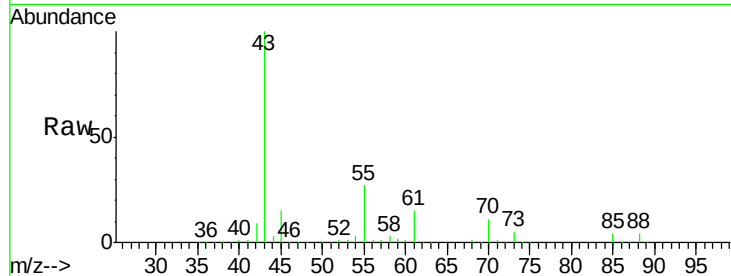




#37
Ethyl Acetate
Concen: 95.983 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

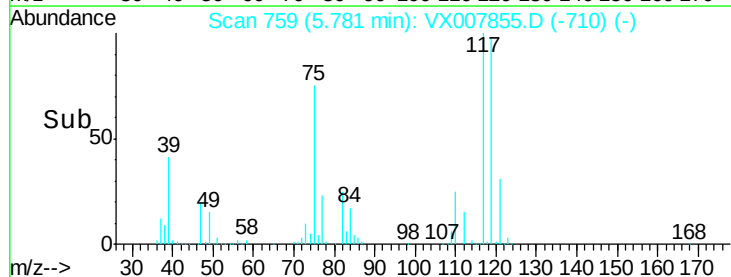
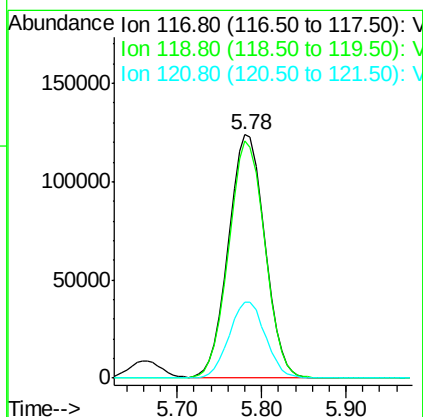
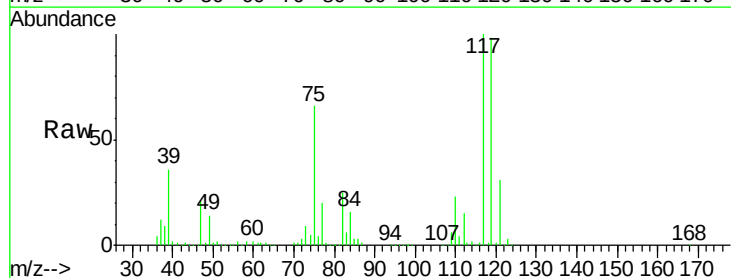
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

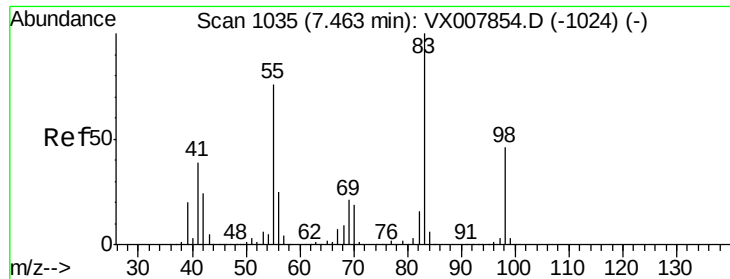
Tgt Ion: 43 Resp: 432719
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 100.801 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 117 Resp: 363556
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.2
121 31.0 24.6 36.8

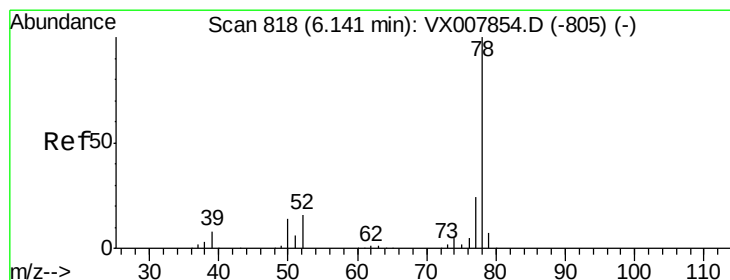
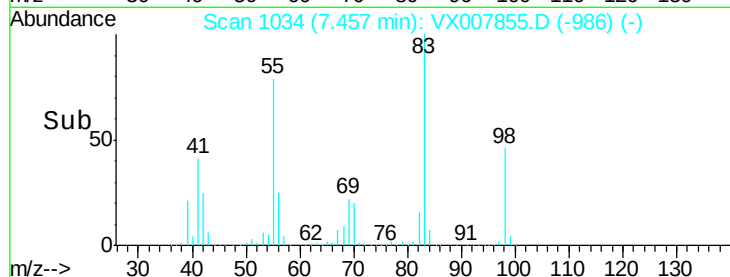
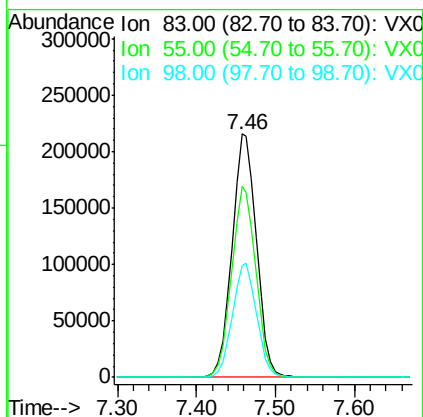
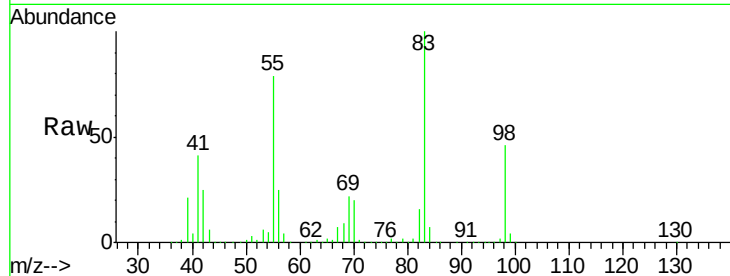




#39
Methylcyclohexane
Concen: 100.771 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

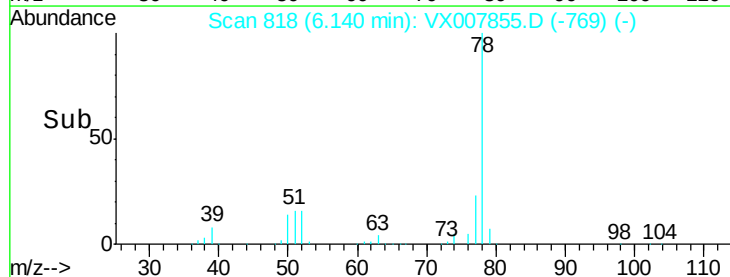
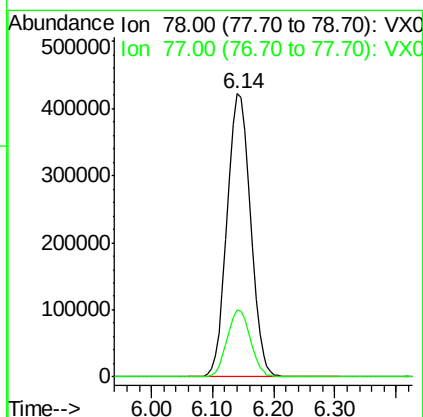
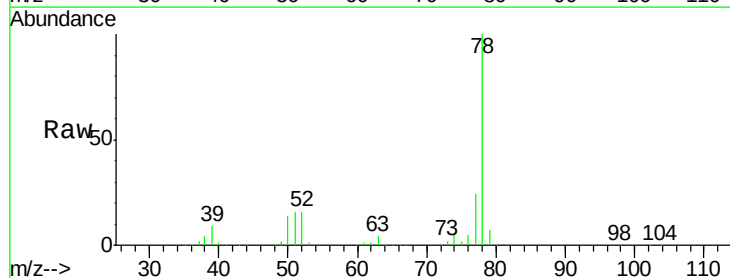
Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

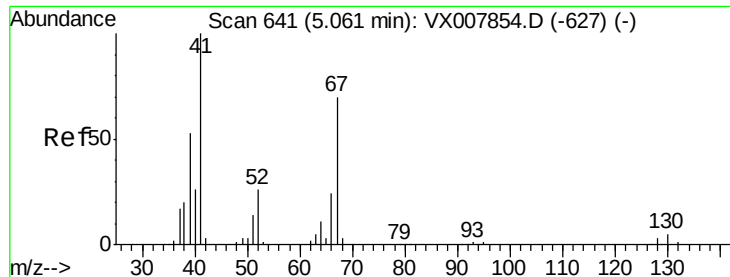
Tgt Ion: 83 Resp: 463886
Ion Ratio Lower Upper
83 100
55 78.6 60.4 90.6
98 45.7 36.5 54.7



#40
Benzene
Concen: 98.522 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 78 Resp: 1114272
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

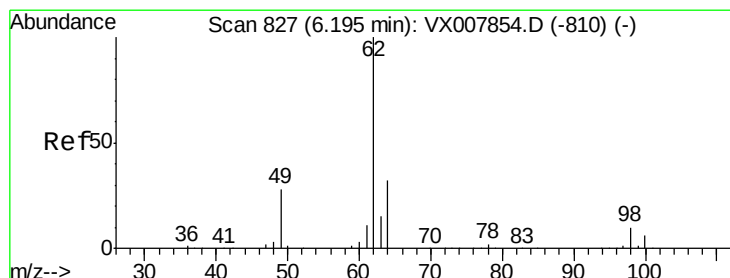
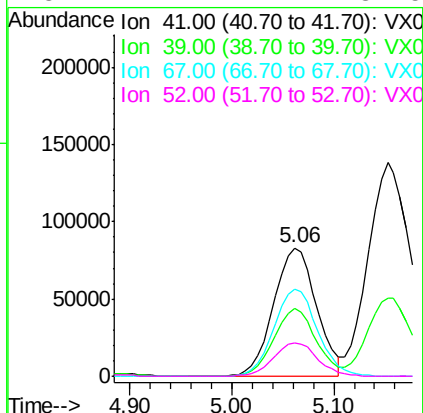
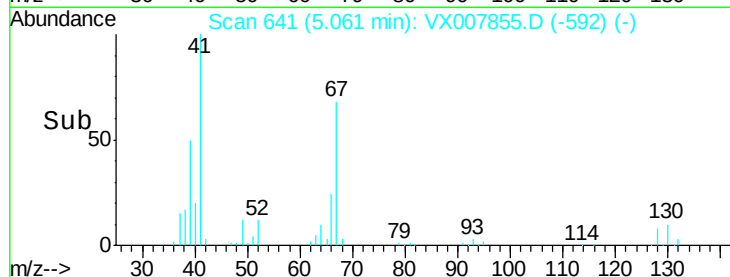
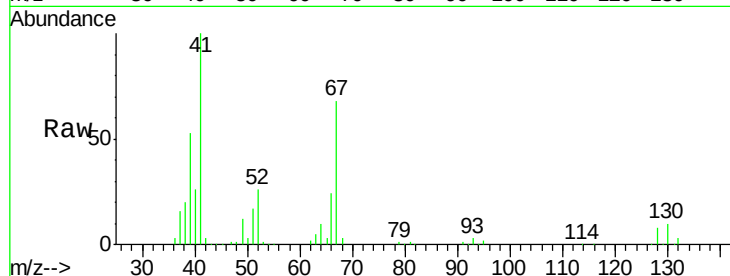




#41
Methacrylonitrile
Concen: 98.177 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

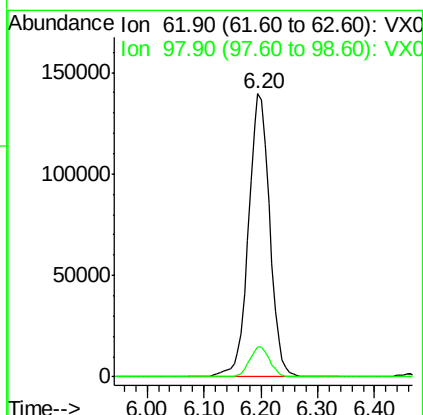
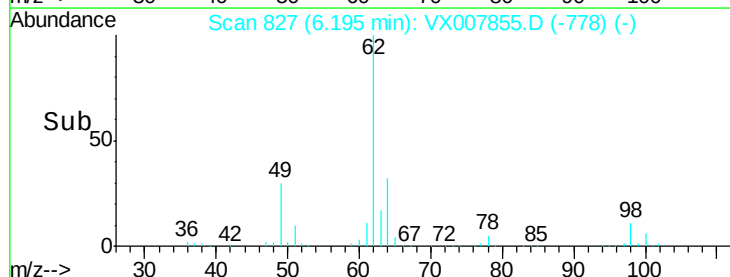
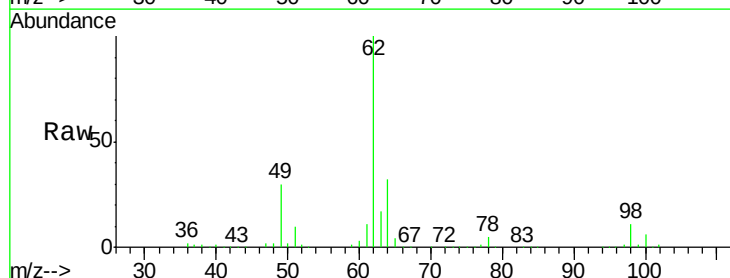
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

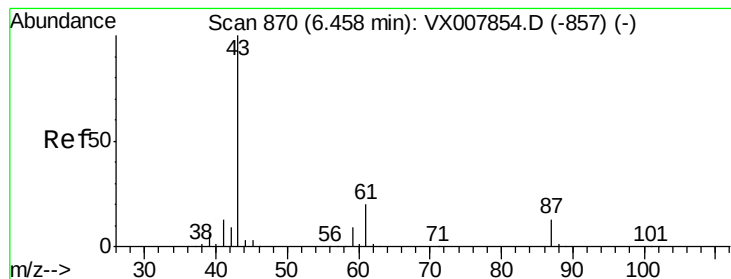
Tgt Ion:	41	Resp:	241312
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.6	62.4
67	69.8	55.8	83.6
52	27.7	21.7	32.5



#42
1,2-Dichloroethane
Concen: 97.366 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion:	62	Resp:	360128
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 101.275 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

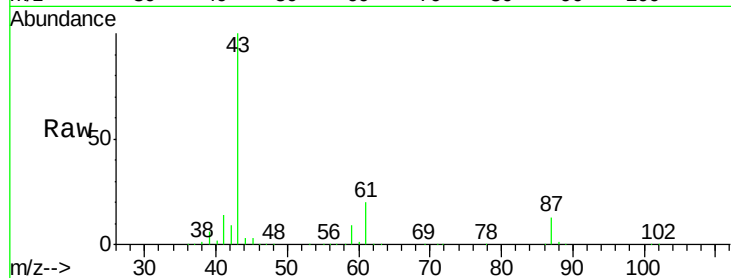
Tgt Ion: 43 Resp: 675716

Ion Ratio Lower Upper

43 100

61 20.5 16.3 24.5

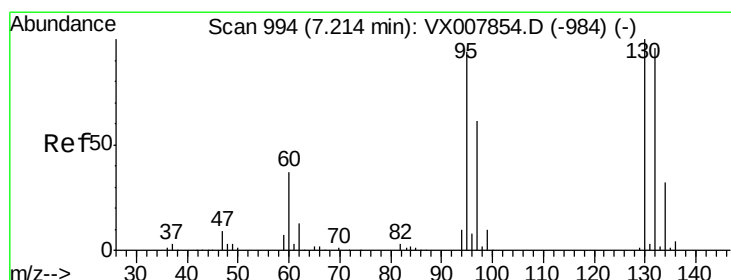
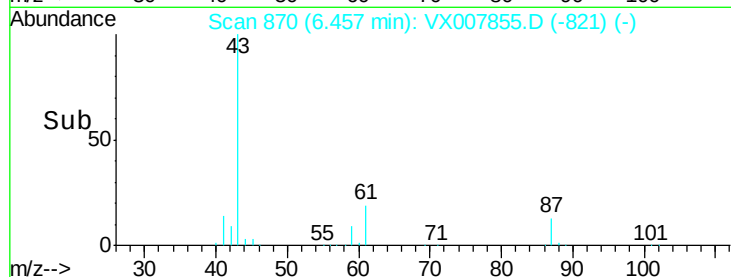
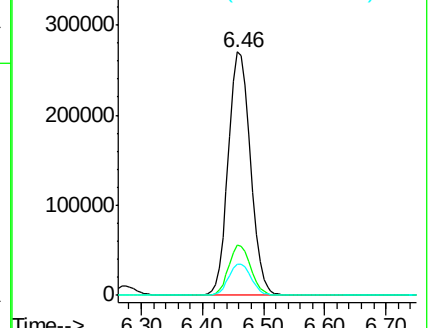
87 13.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 96.666 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007855.D

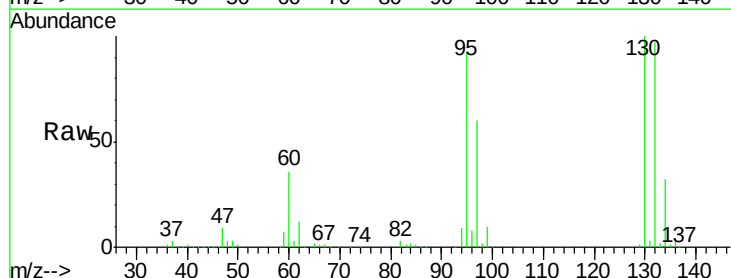
Acq: 06 Mar 2019 11:27

Tgt Ion: 130 Resp: 301287

Ion Ratio Lower Upper

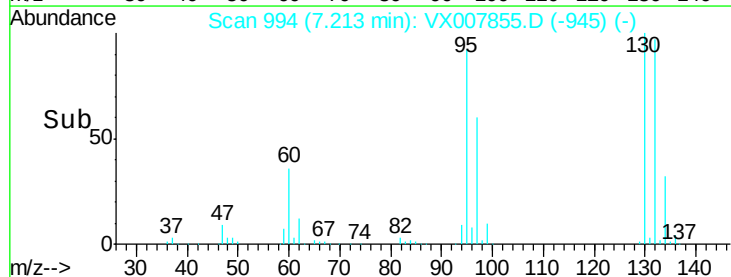
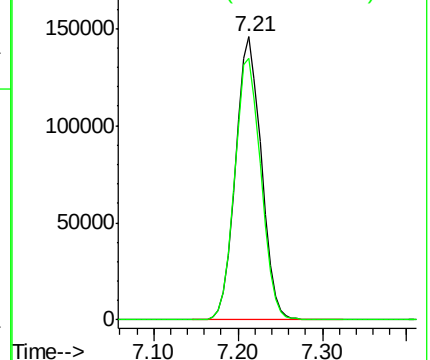
130 100

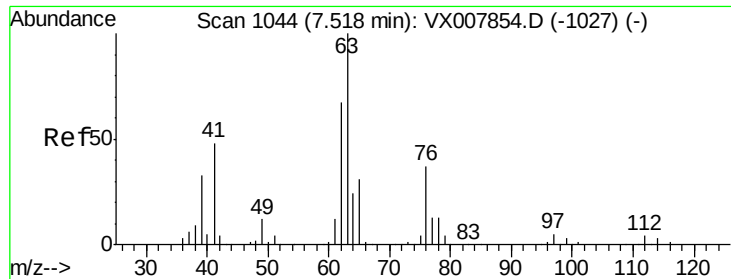
95 92.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

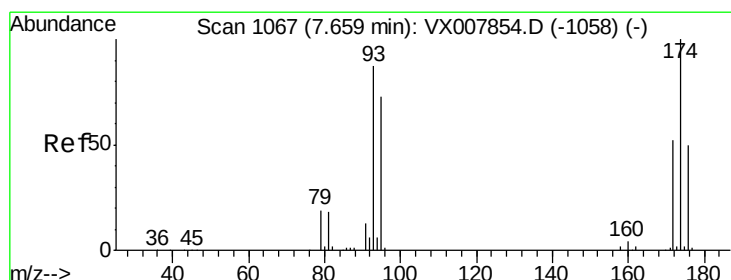
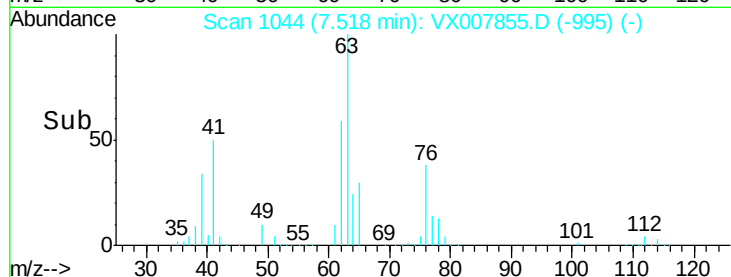
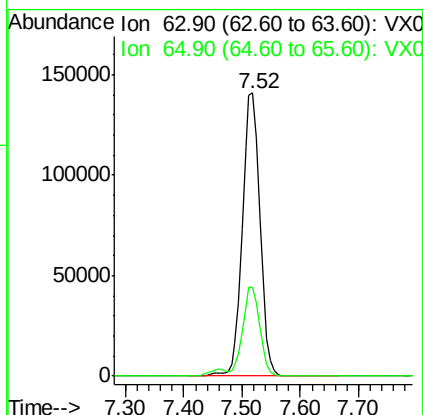
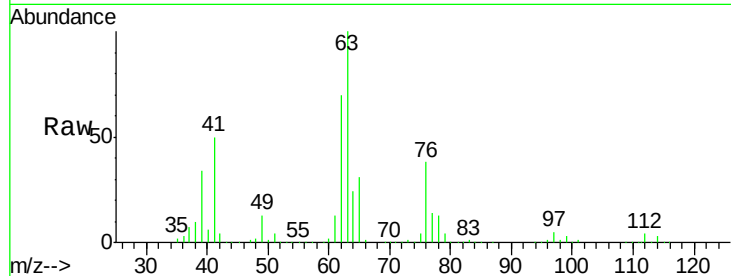




#45
 1,2-Dichloropropane
 Concen: 98.952 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

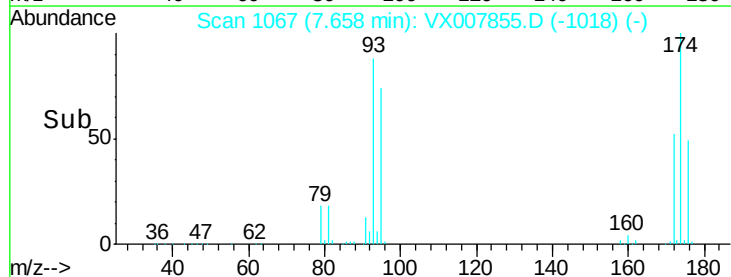
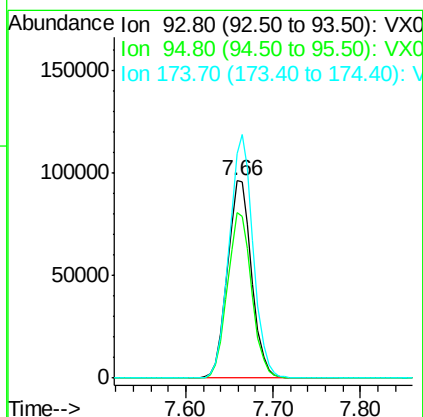
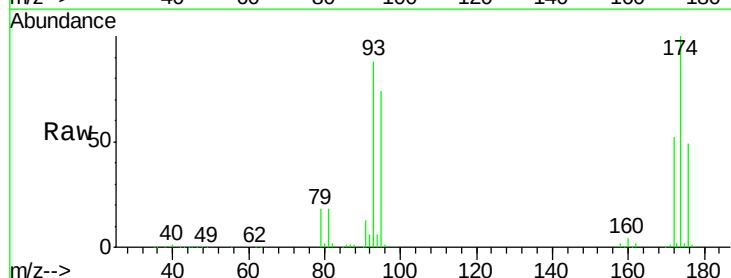
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

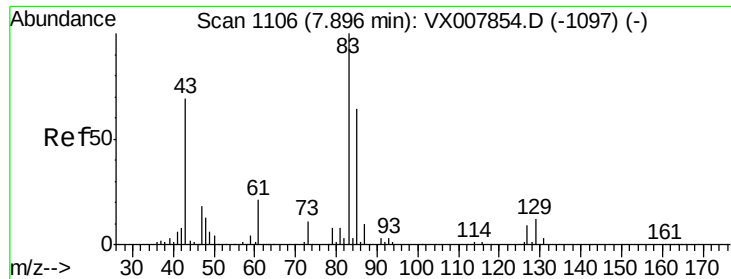
Tgt Ion: 63 Resp: 295584
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 97.992 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion: 93 Resp: 185247
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.8 100.2
 174 121.9 97.3 145.9





#47

Bromodichloromethane

Concen: 101.764 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

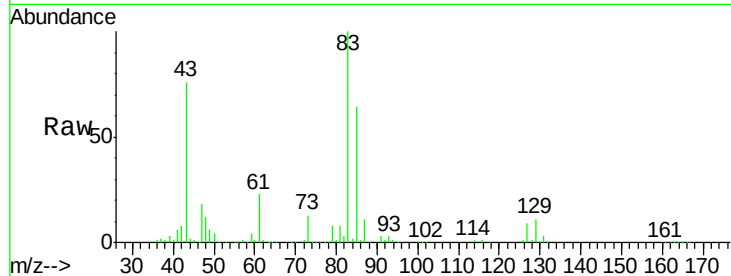
Tgt Ion: 83 Resp: 364739

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

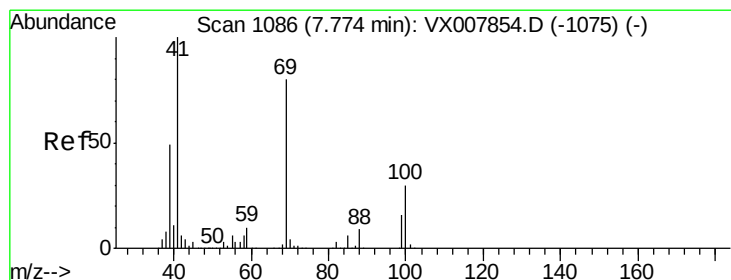
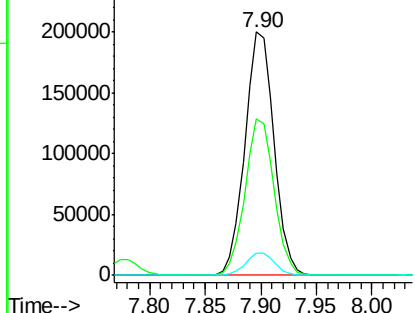
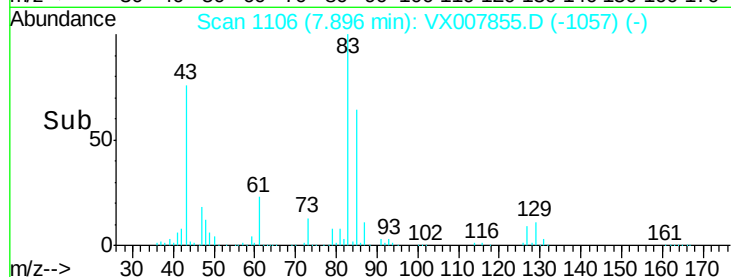
127 8.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 100.619 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

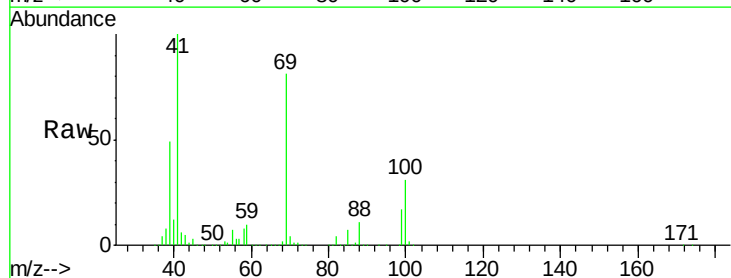
Tgt Ion: 41 Resp: 352963

Ion Ratio Lower Upper

41 100

69 81.9 65.2 97.8

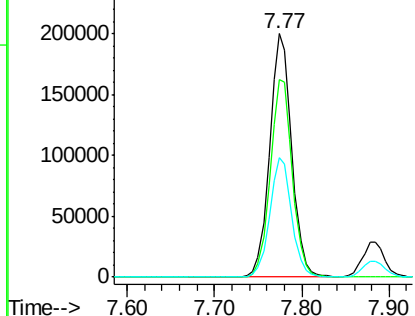
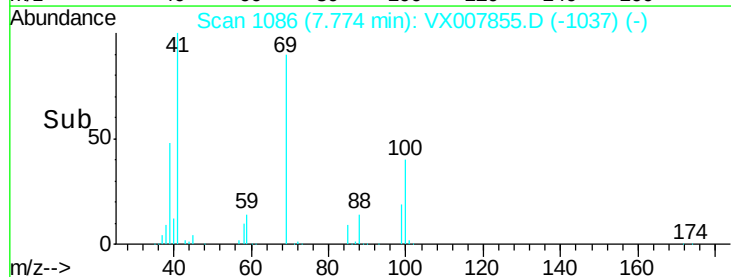
39 48.9 39.4 59.2

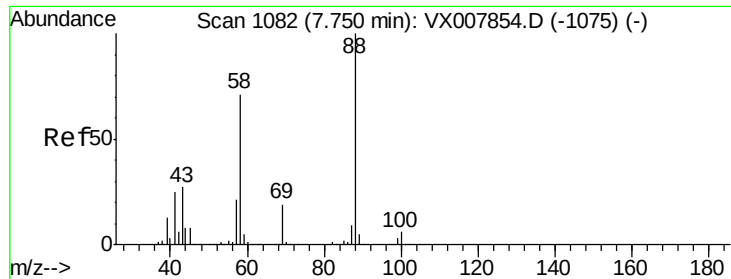


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

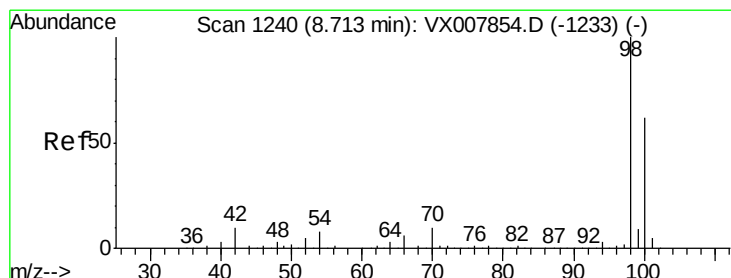
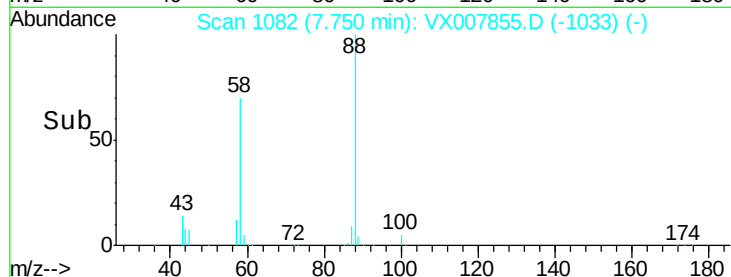
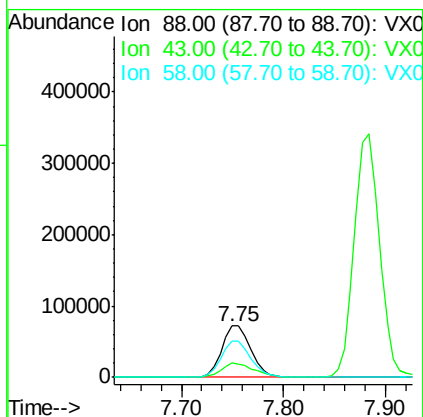
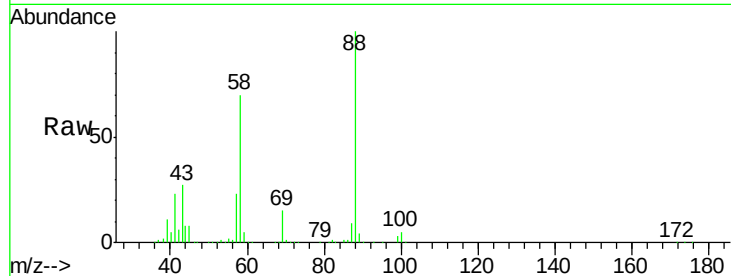




#49
1,4-Dioxane
Concen: 1985.171 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

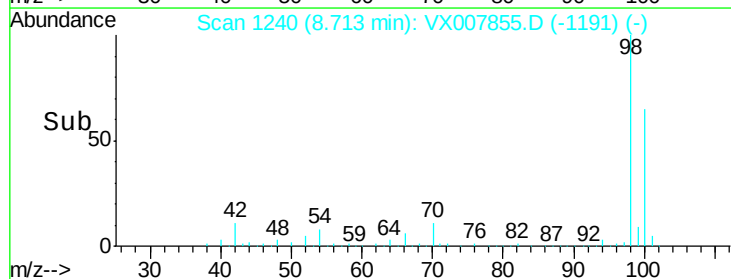
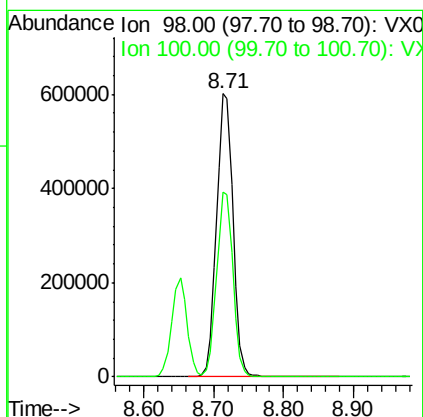
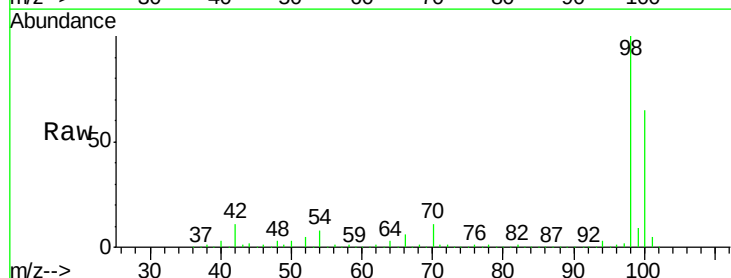
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

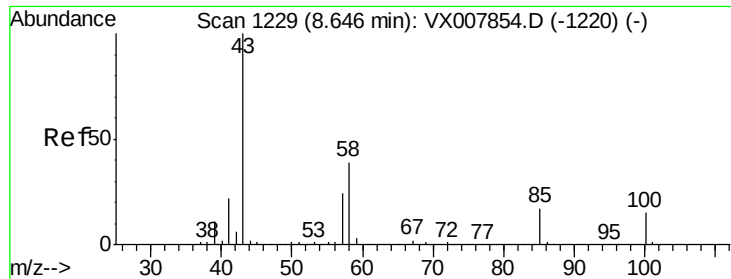
Tgt Ion: 88 Resp: 143052
Ion Ratio Lower Upper
88 100
43 31.1 25.1 37.7
58 72.1 57.8 86.6



#50
Toluene-d8
Concen: 99.625 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 98 Resp: 981934
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

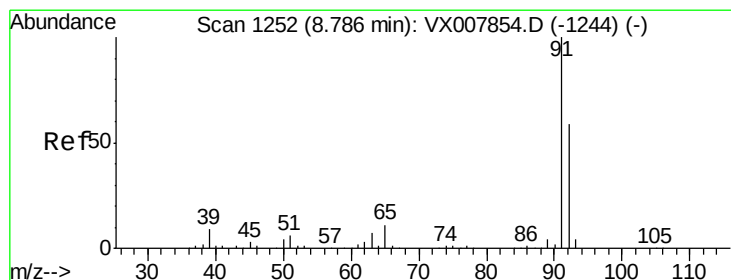
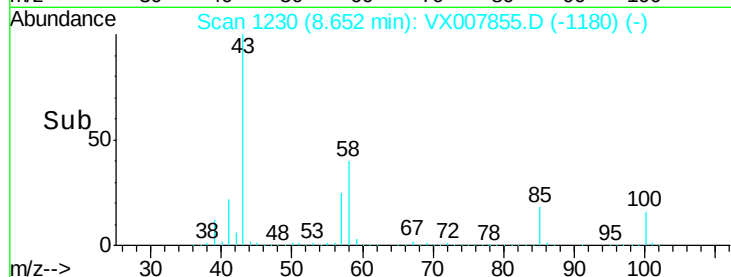
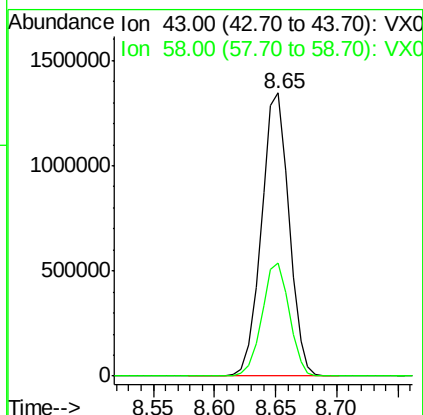
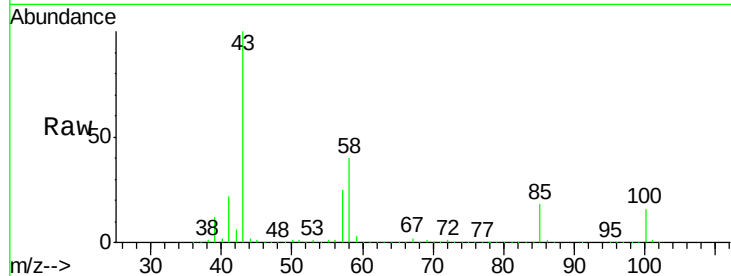




#51
 4-Methyl-2-Pentanone
 Concen: 493.353 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

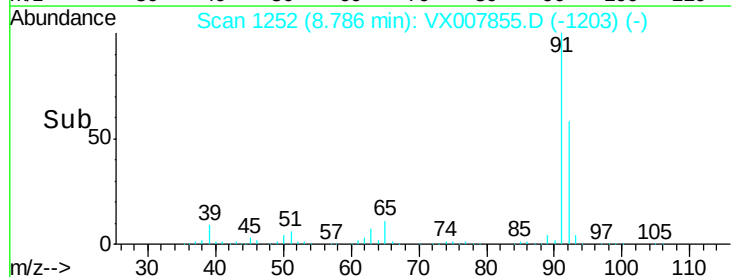
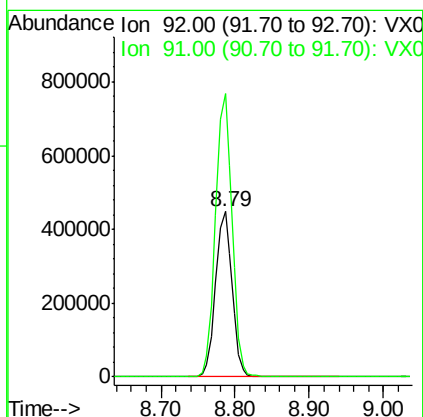
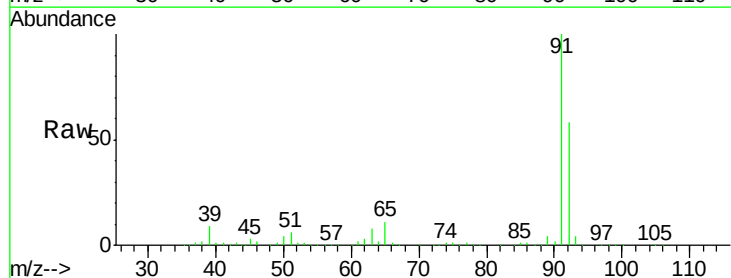
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

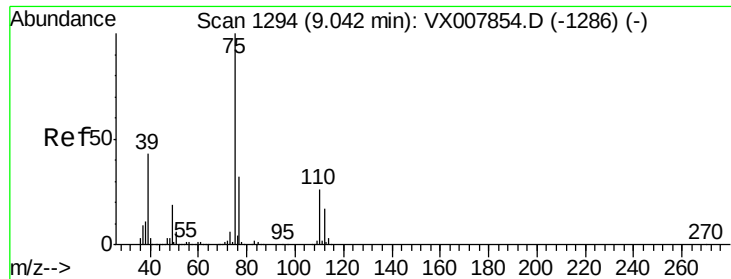
Tgt Ion: 43 Resp: 2116901
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.3 46.9



#52
 Toluene
 Concen: 98.520 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion: 92 Resp: 680280
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 109.703 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

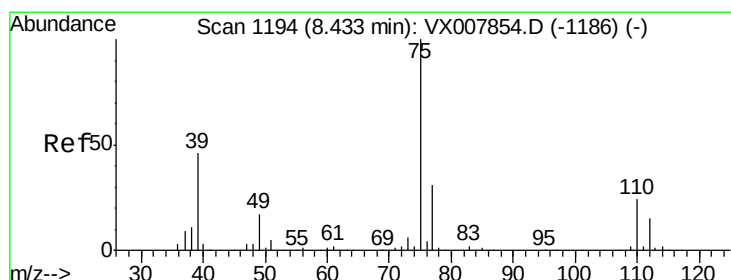
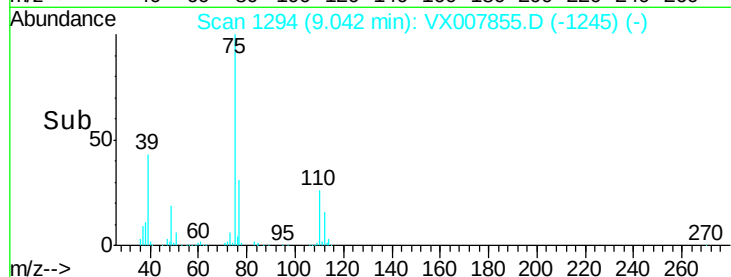
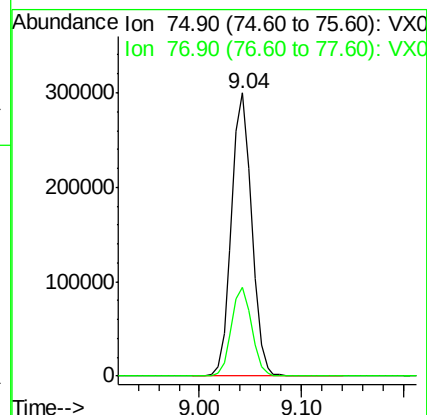
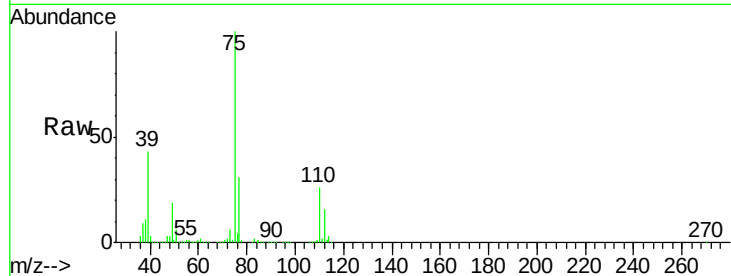
VSTDIC100

Tgt Ion: 75 Resp: 410390

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 106.678 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

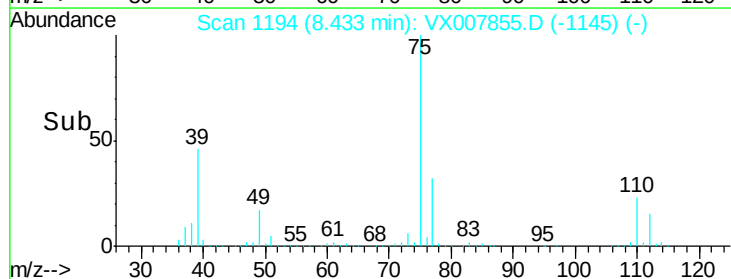
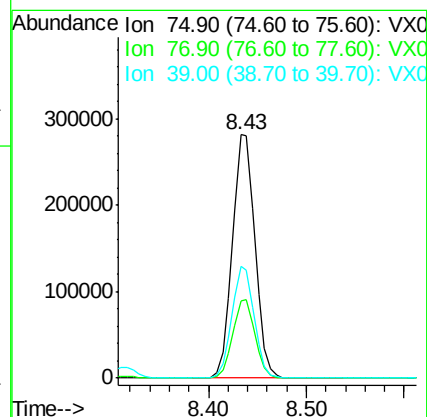
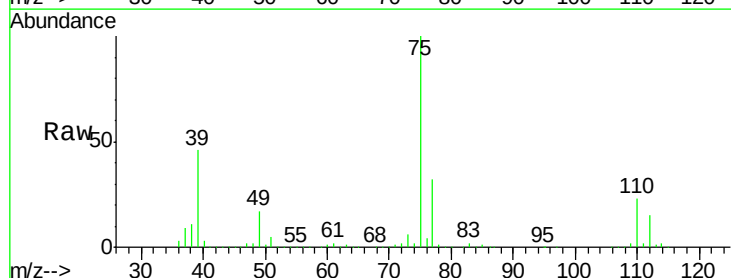
Tgt Ion: 75 Resp: 450655

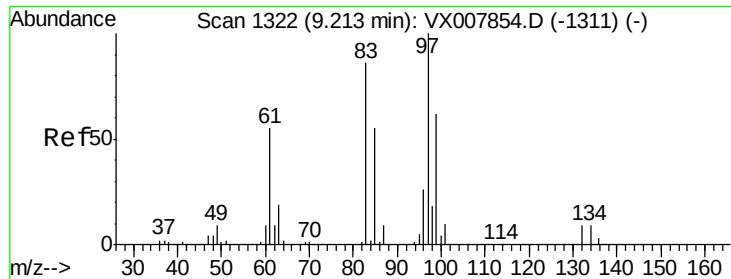
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 46.2 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 98.306 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 274785

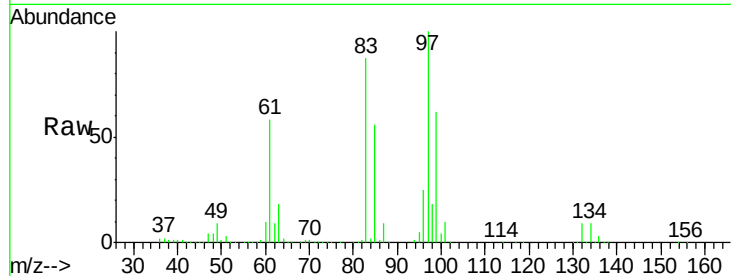
Ion Ratio Lower Upper

97 100

83 86.8 69.1 103.7

85 56.1 44.3 66.5

99 62.4 49.8 74.8

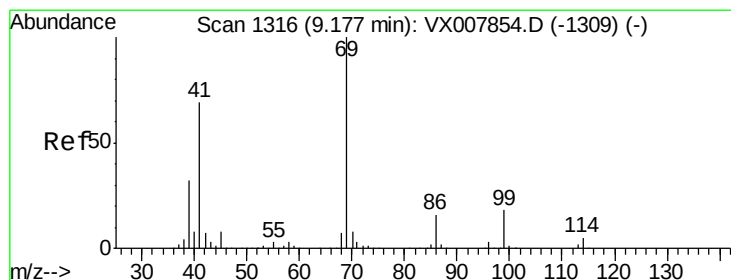
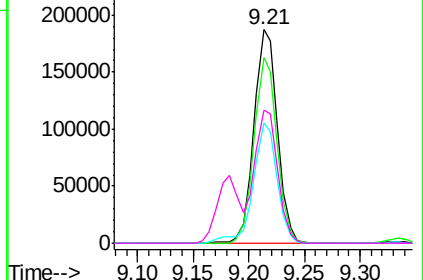
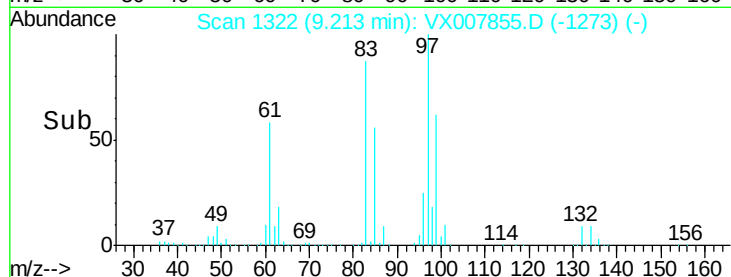


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 104.227 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

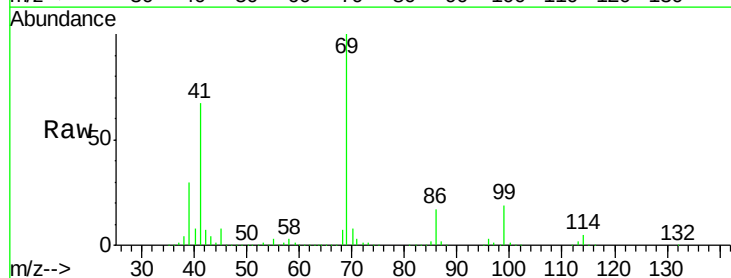
Tgt Ion: 69 Resp: 437424

Ion Ratio Lower Upper

69 100

41 67.3 54.2 81.4

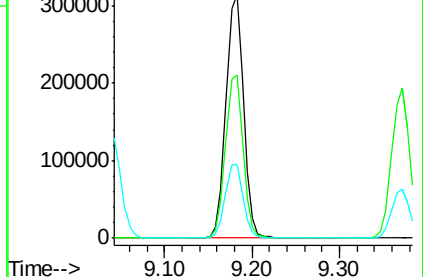
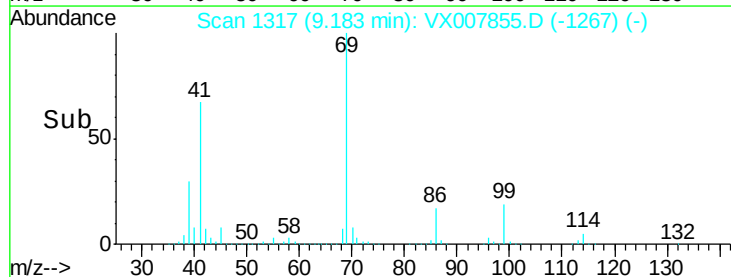
39 30.9 25.0 37.4

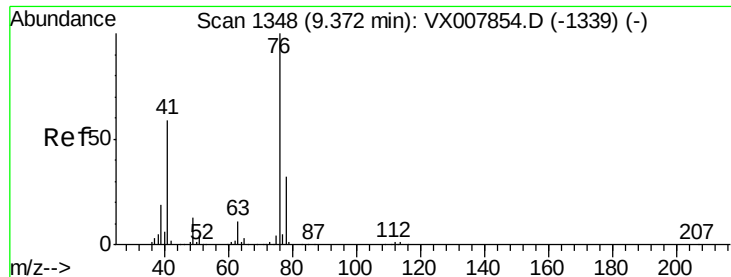


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

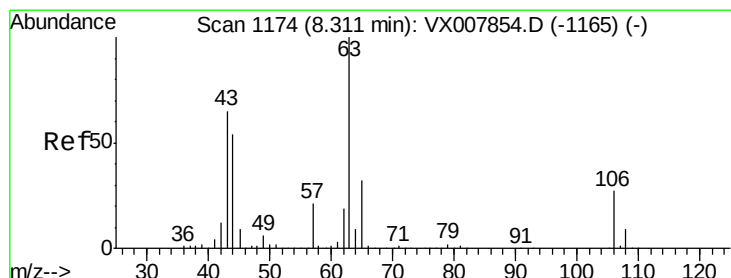
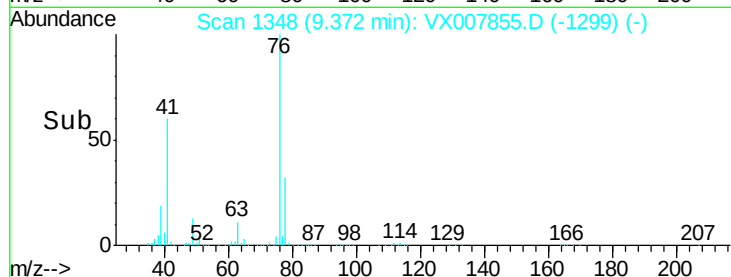
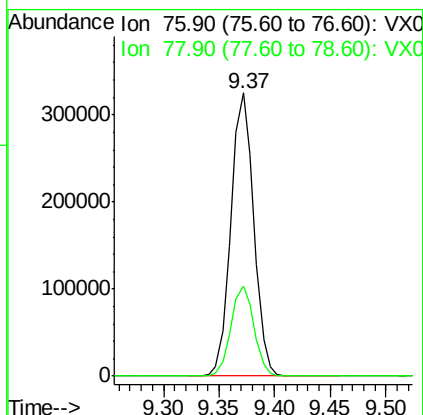
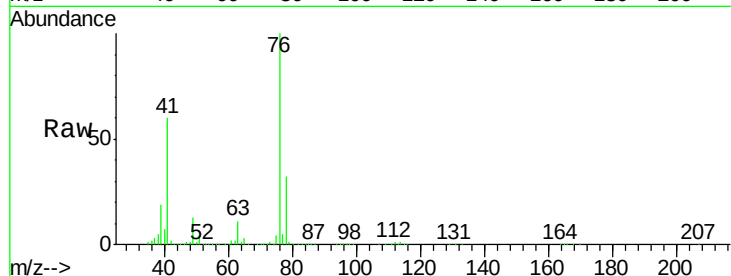




#57
 1,3-Dichloropropane
 Concen: 98.162 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

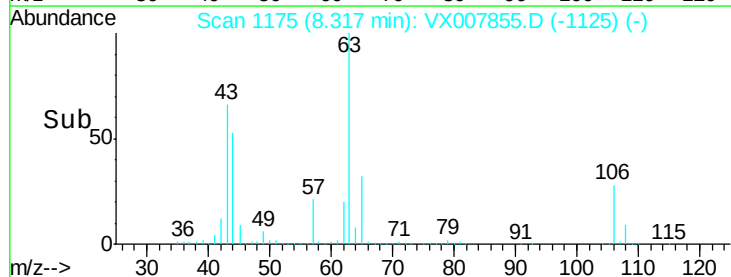
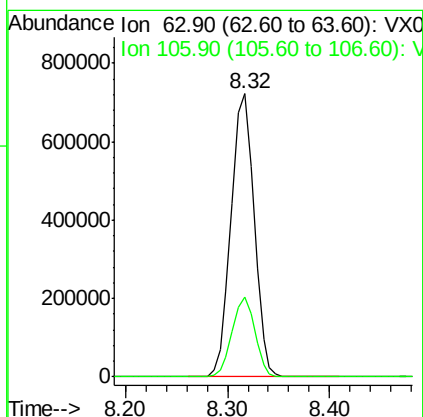
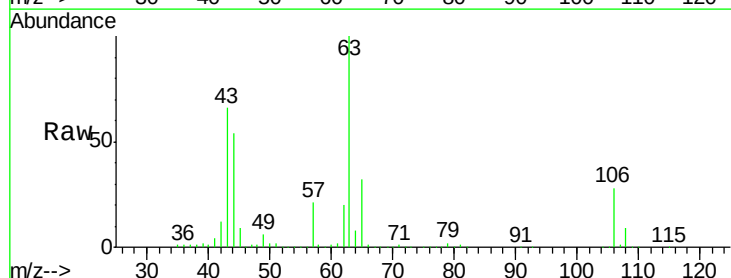
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

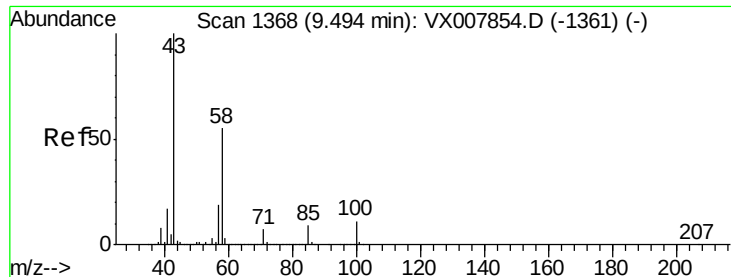
Tgt Ion: 76 Resp: 460706
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 519.616 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion: 63 Resp: 1128055
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.2 33.2

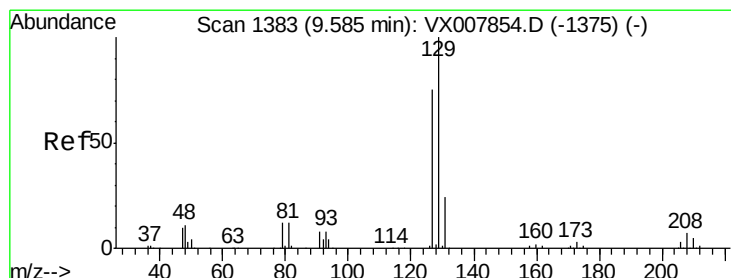
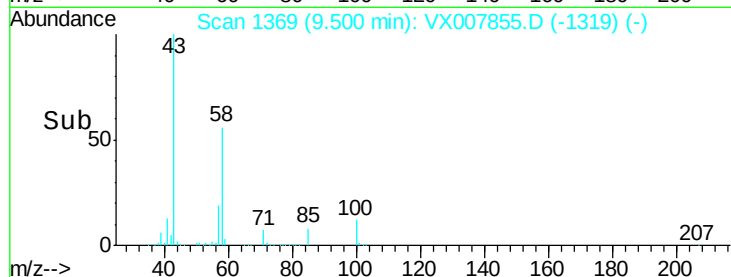
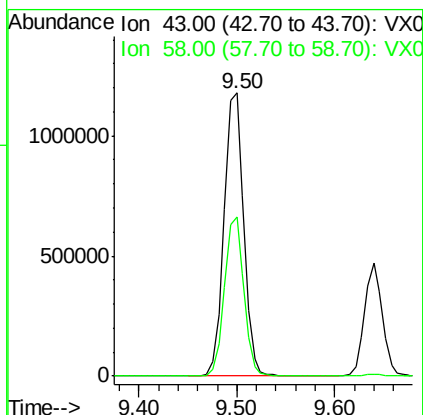
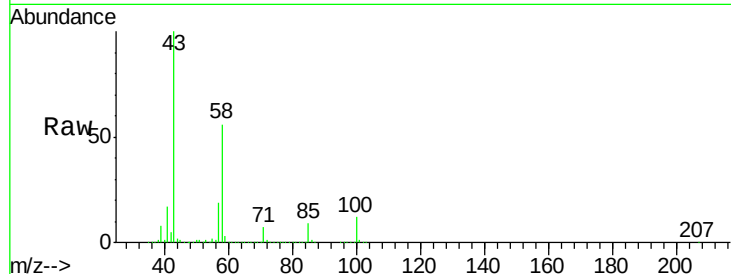




#59
2-Hexanone
Concen: 493.838 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

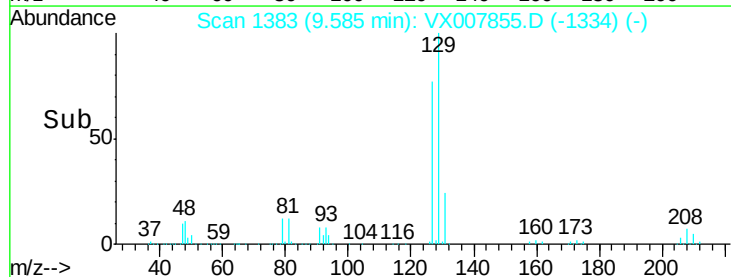
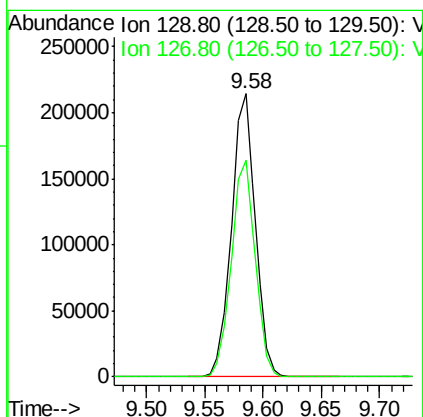
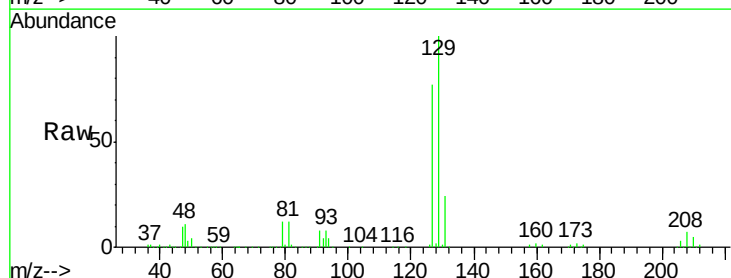
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

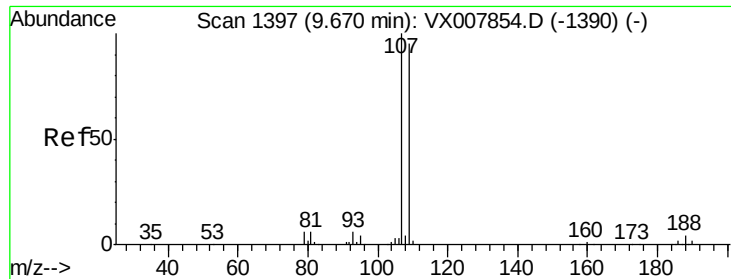
Tgt Ion: 43 Resp: 1645134
Ion Ratio Lower Upper
43 100
58 55.4 27.6 82.7



#60
Dibromochloromethane
Concen: 104.503 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 129 Resp: 305320
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 98.682 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

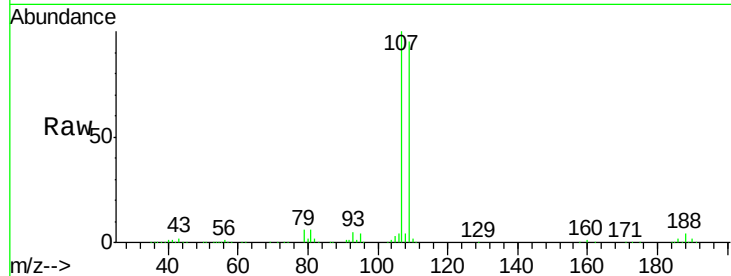
VSTDIC100

Tgt Ion: 107 Resp: 292859

Ion Ratio Lower Upper

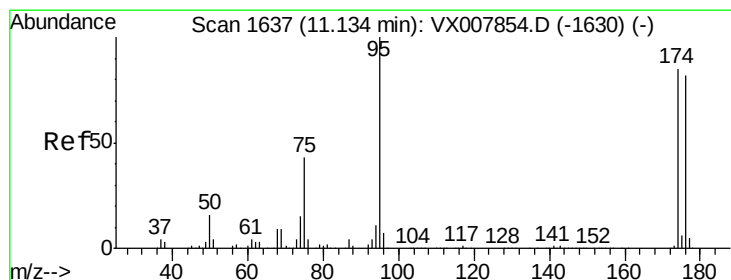
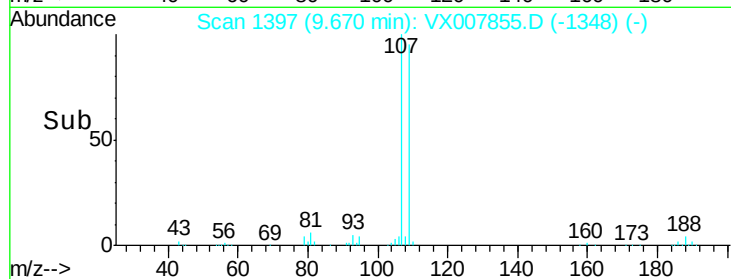
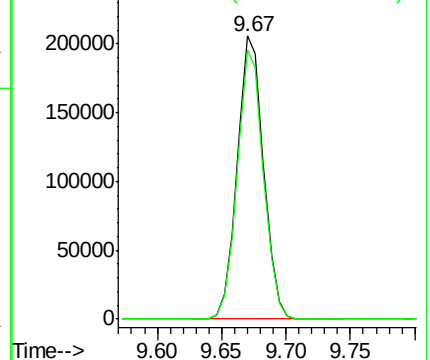
107 100

109 95.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 101.283 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

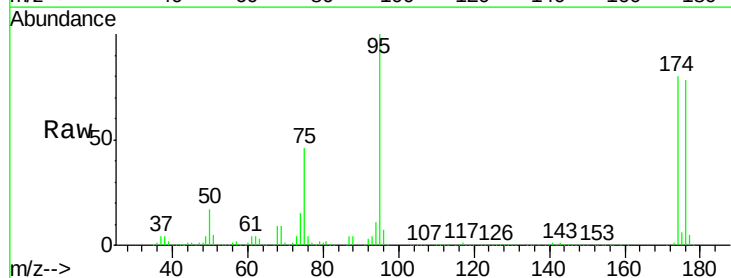
Tgt Ion: 95 Resp: 349997

Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

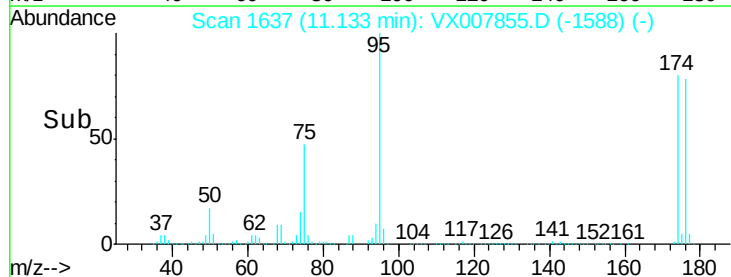
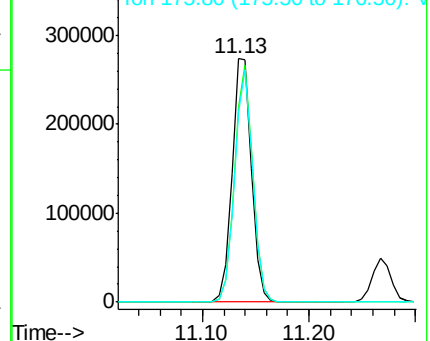
176 89.6 0.0 178.0

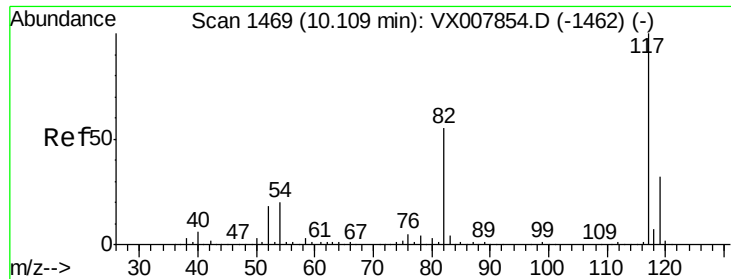


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

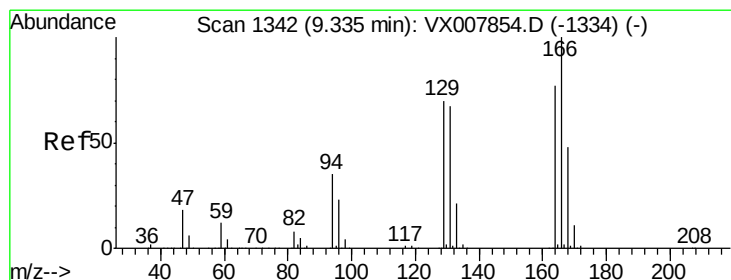
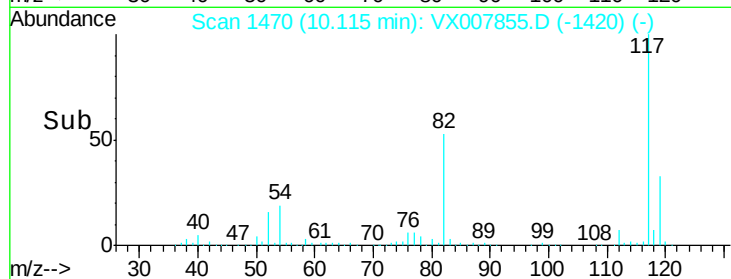
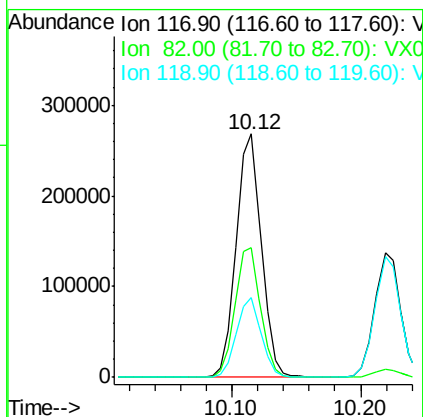
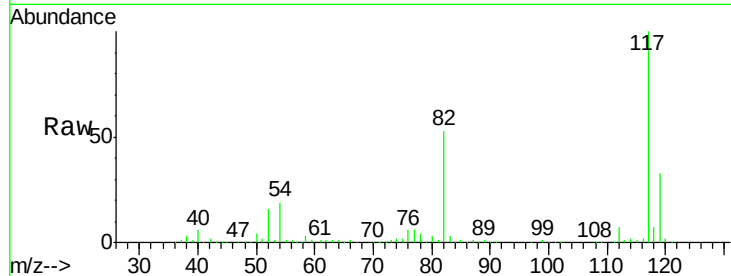




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

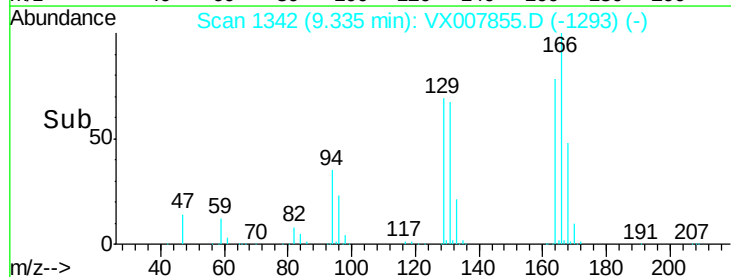
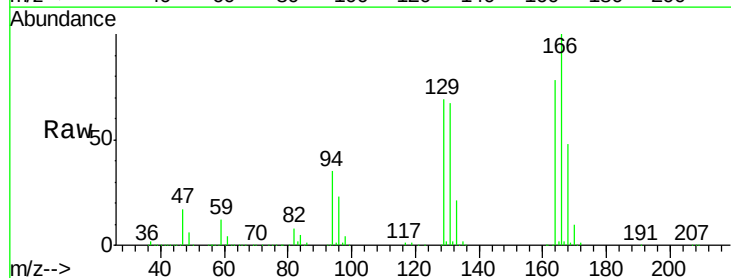
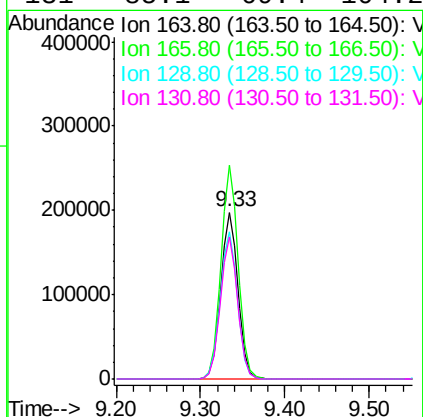
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

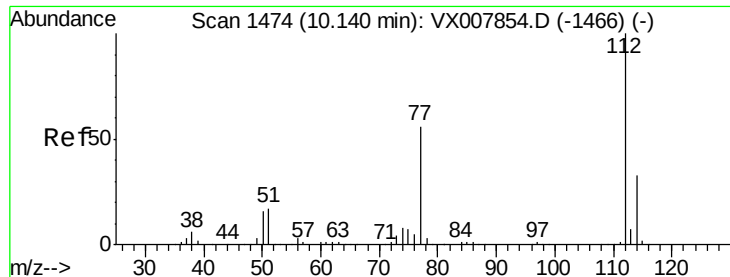
Tgt Ion:117 Resp: 365491
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 32.9 25.3 37.9



#64
Tetrachloroethene
Concen: 92.031 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion:164 Resp: 278744
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.0
129 88.2 72.2 108.4
131 85.1 69.4 104.2

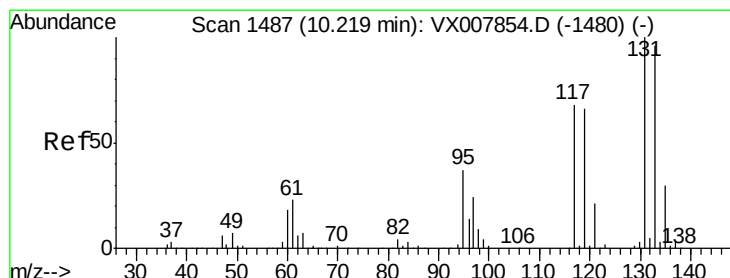
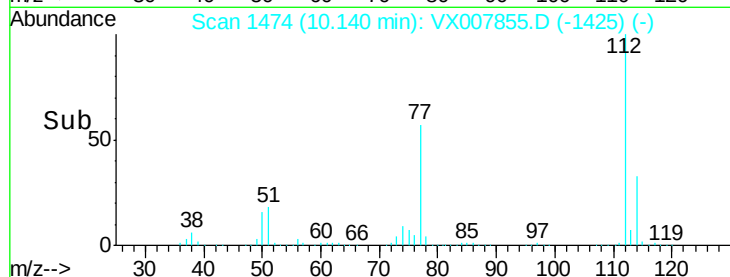
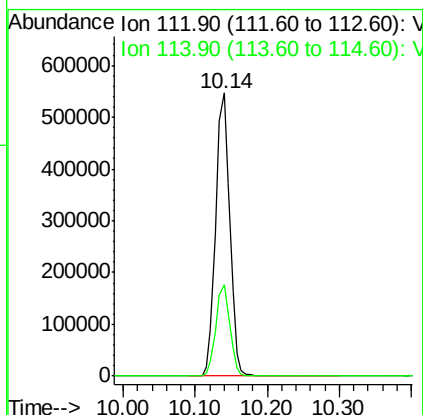
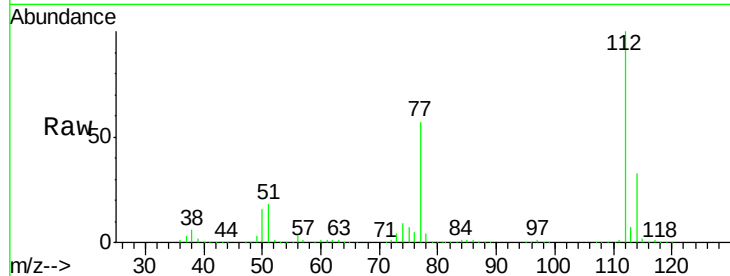




#65
Chlorobenzene
Concen: 97.033 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

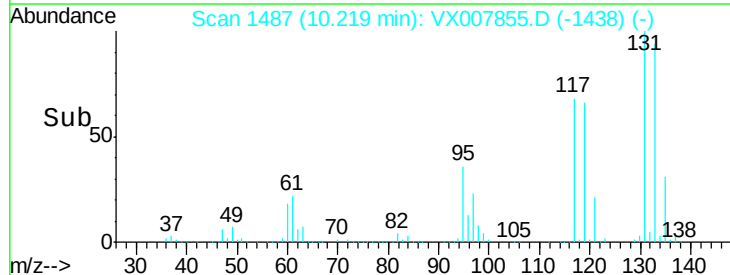
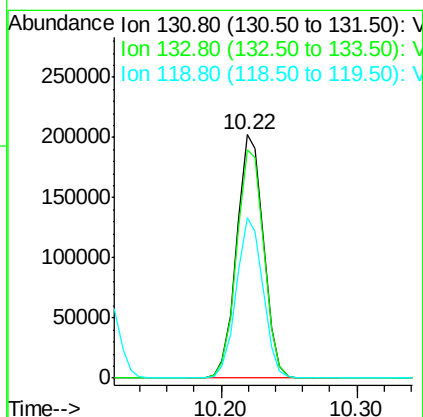
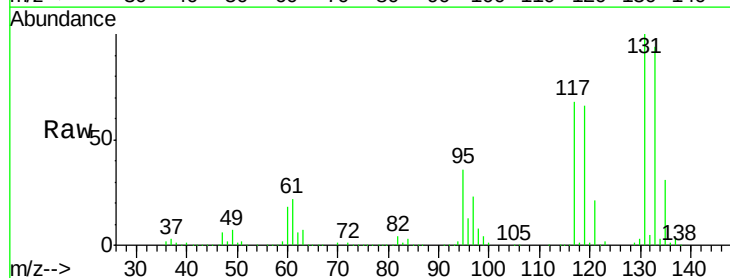
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

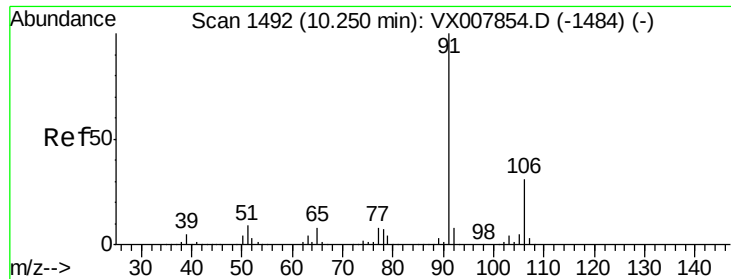
Tgt Ion:112 Resp: 742125
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 101.252 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion:131 Resp: 277541
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.3
119 65.3 32.5 97.5

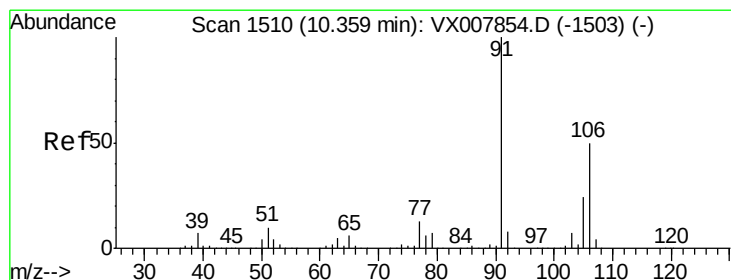
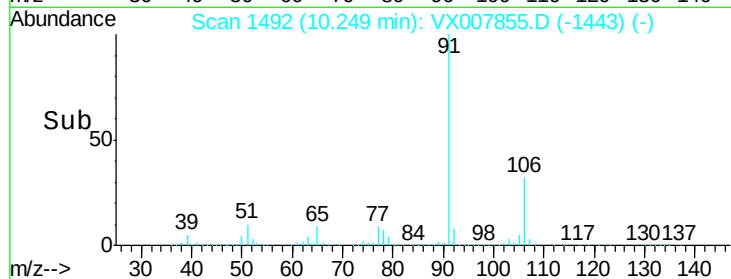
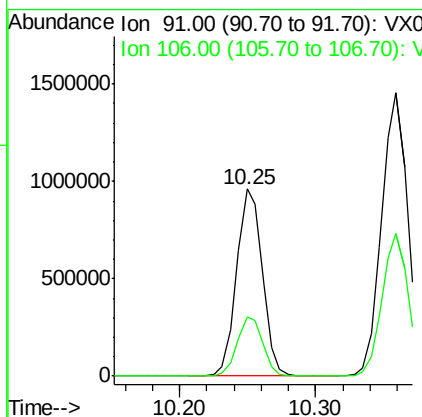
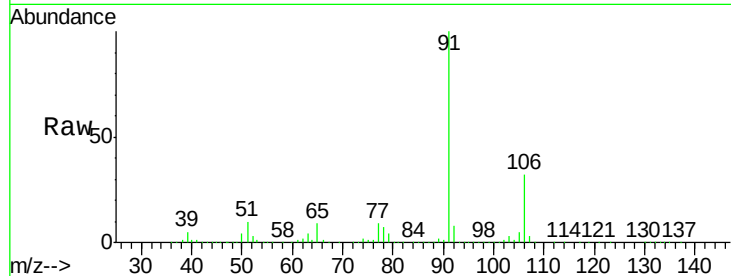




#67
 Ethyl Benzene
 Concen: 100.640 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

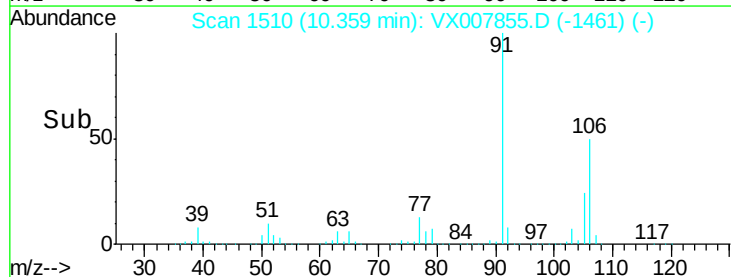
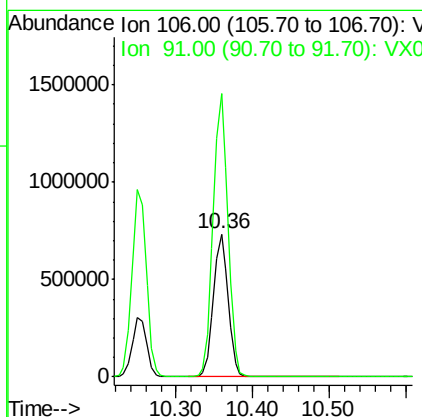
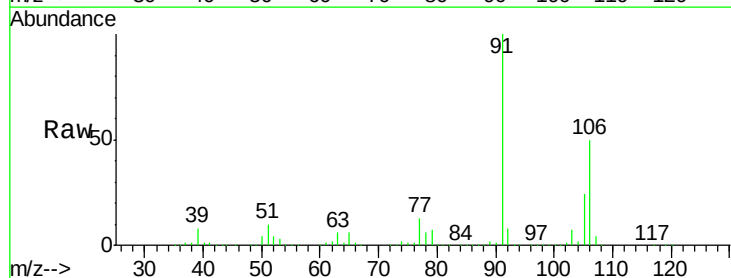
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

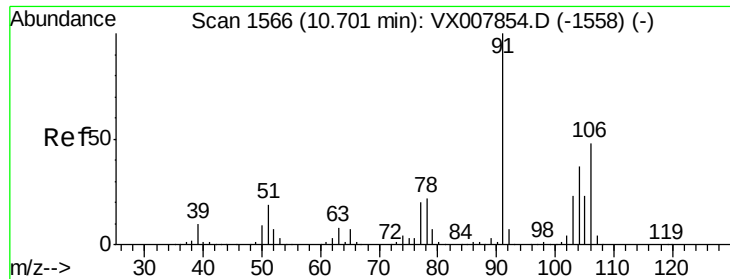
Tgt Ion: 91 Resp: 1267023
 Ion Ratio Lower Upper
 91 100
 106 31.7 25.2 37.8



#68
 m/p-Xylenes
 Concen: 201.575 ug/l
 RT: 10.36 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion: 106 Resp: 978183
 Ion Ratio Lower Upper
 106 100
 91 200.0 159.8 239.6

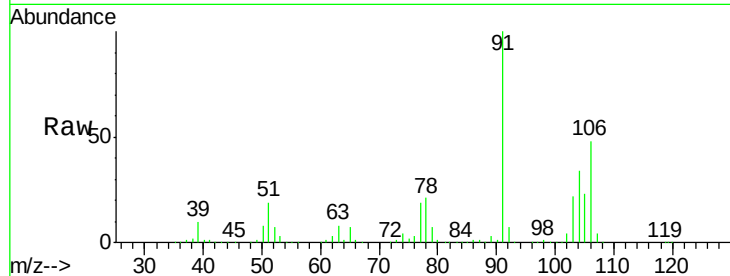




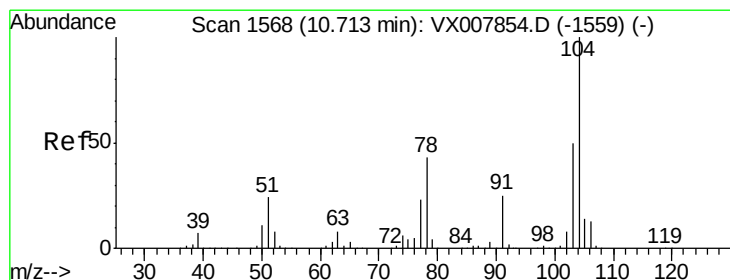
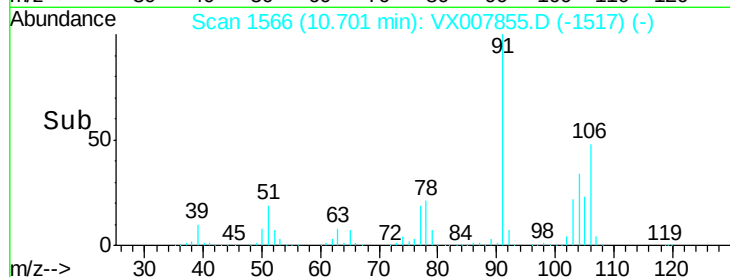
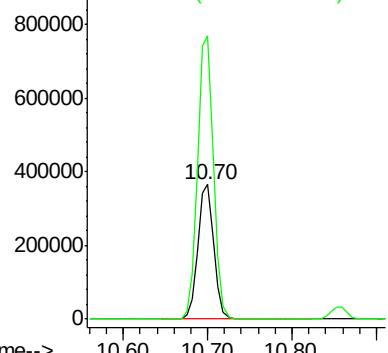
#69
o-Xylene
Concen: 101.555 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 475785
Ion Ratio Lower Upper
106 100
91 211.5 106.3 318.9

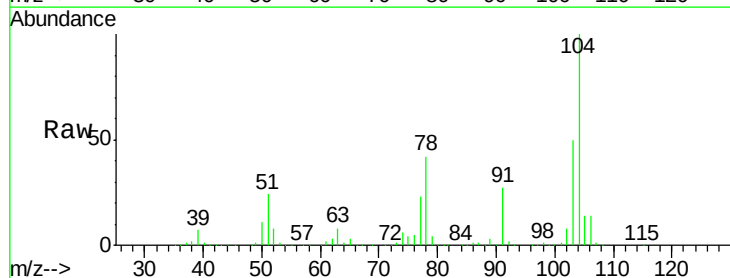


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

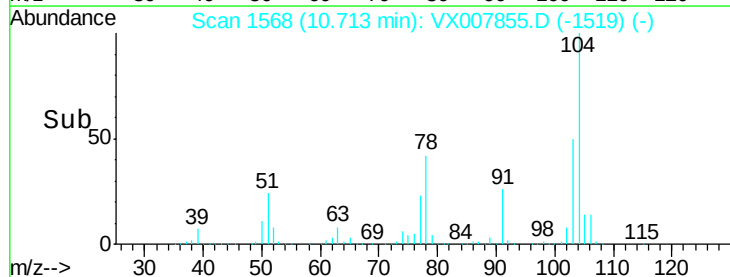
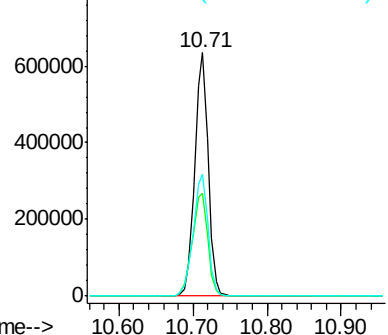


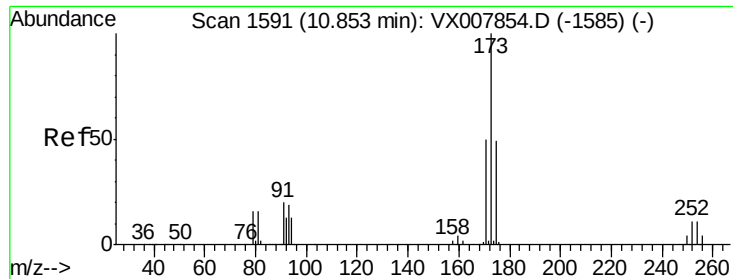
#70
Styrene
Concen: 103.451 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion:104 Resp: 793106
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.1 44.1 66.1



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





#71

Bromoform

Concen: 106.751 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

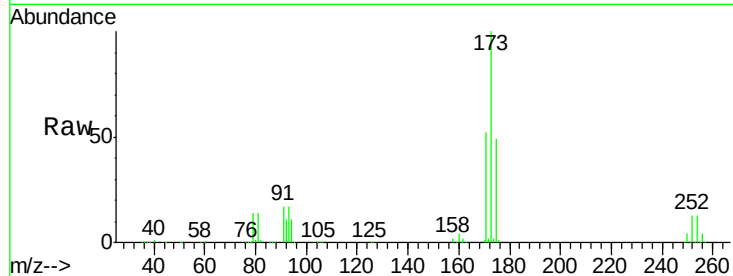
Tgt Ion:173 Resp: 251289

Ion Ratio Lower Upper

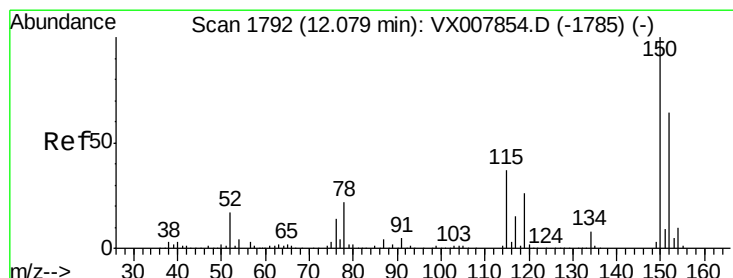
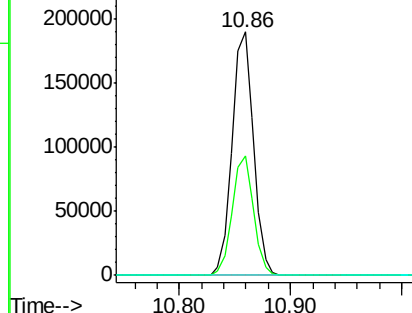
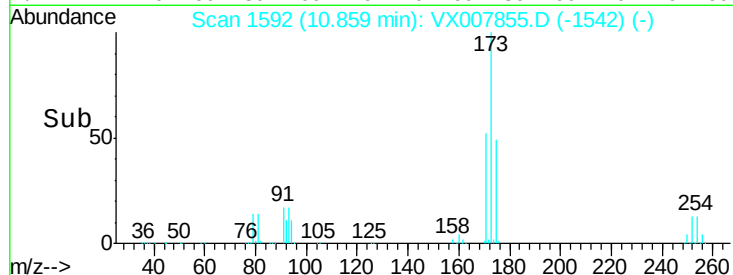
173 100

175 48.8 24.3 72.9

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

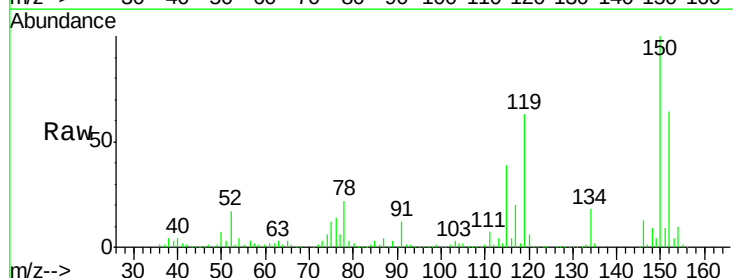
Tgt Ion:152 Resp: 192887

Ion Ratio Lower Upper

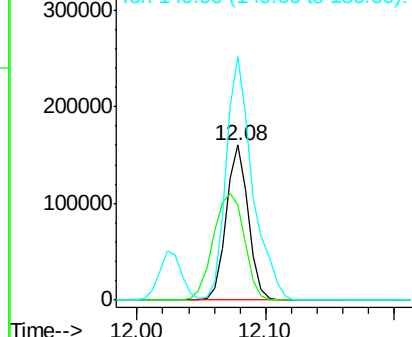
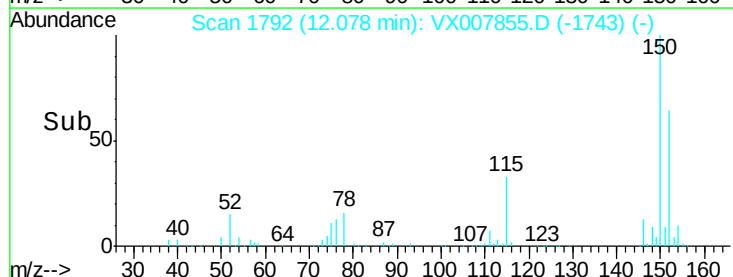
152 100

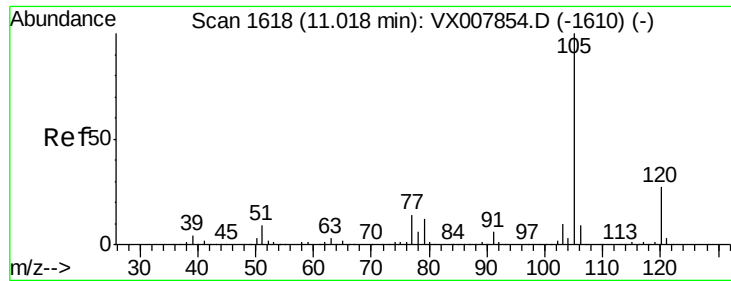
115 97.5 38.6 115.7

150 188.0 0.0 348.4



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

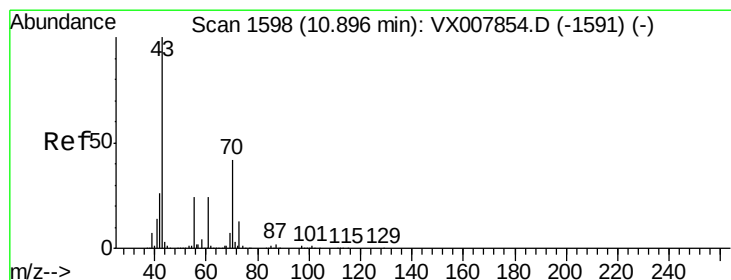
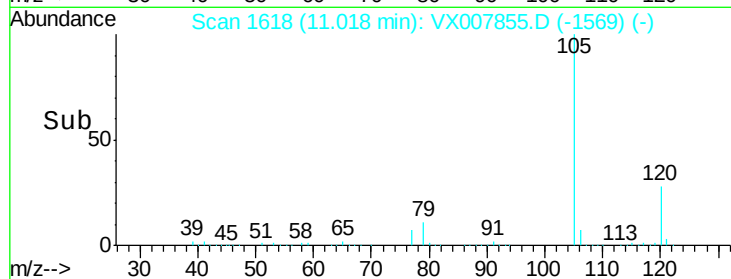
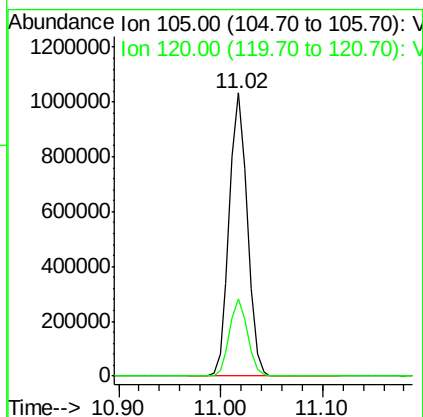
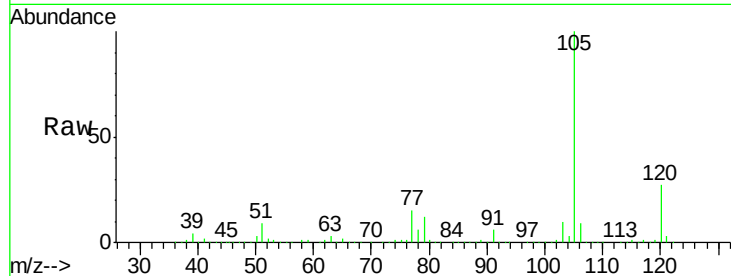




#73
Isopropylbenzene
Concen: 96.641 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

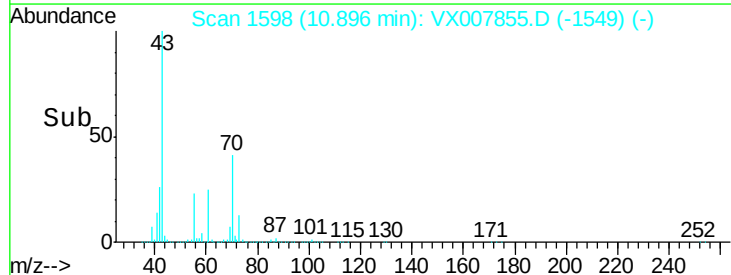
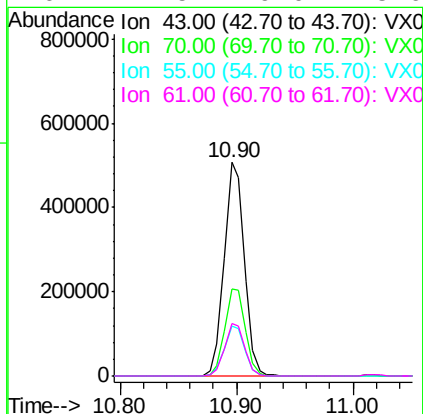
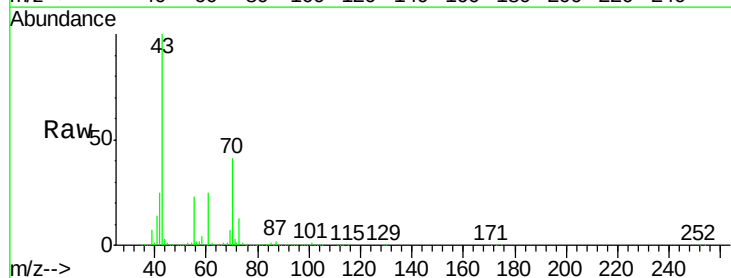
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

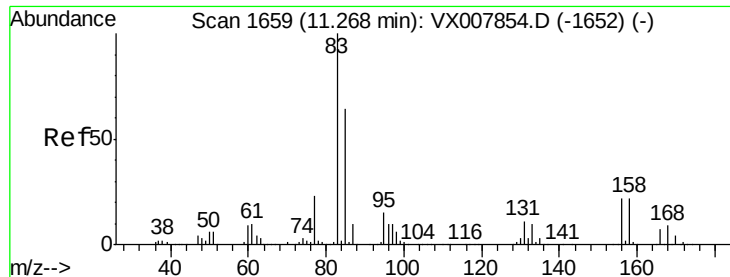
Tgt Ion: 105 Resp: 1260702
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 101.394 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 43 Resp: 603852
Ion Ratio Lower Upper
43 100
70 41.8 33.5 50.3
55 23.7 19.2 28.8
61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 93.345 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

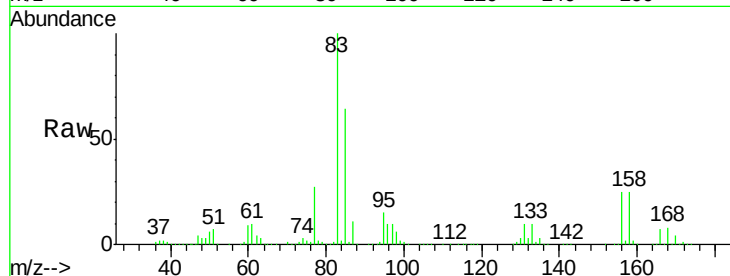
Tgt Ion: 83 Resp: 420032

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

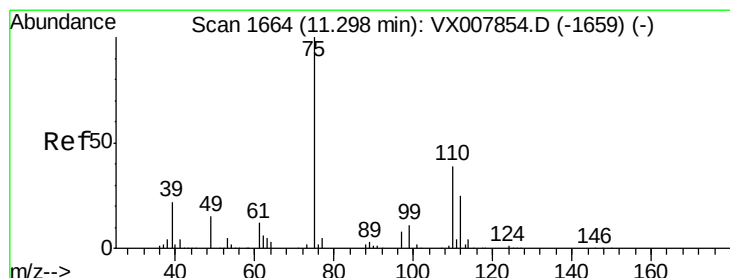
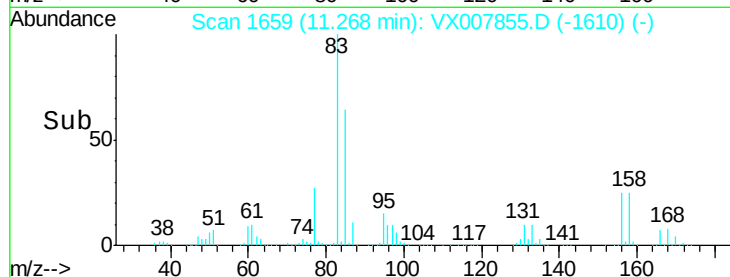
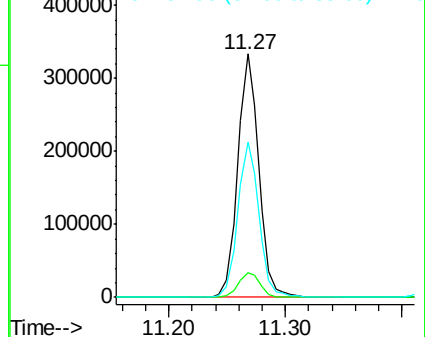
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 123.639 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007855.D

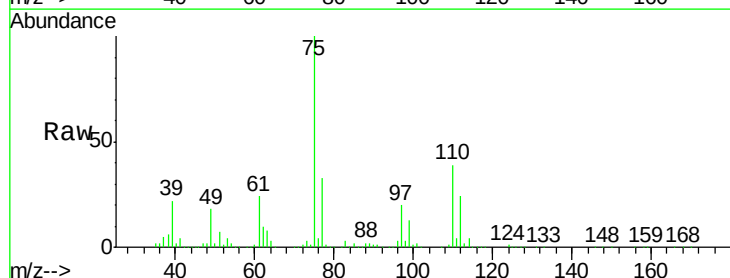
Acq: 06 Mar 2019 11:27

Tgt Ion: 75 Resp: 504596

Ion Ratio Lower Upper

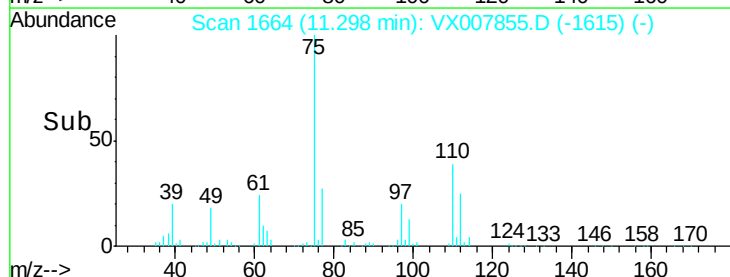
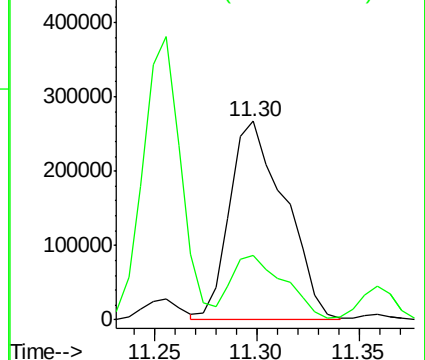
75 100

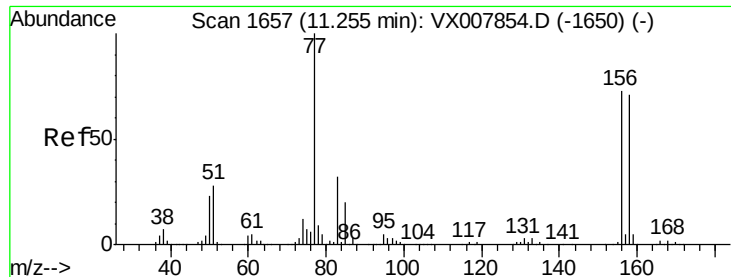
77 31.3 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 94.041 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

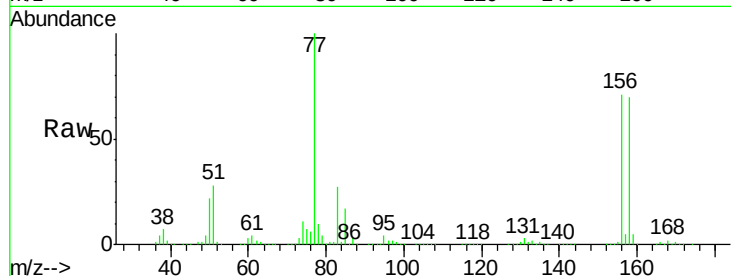
Tgt Ion:156 Resp: 336344

Ion Ratio Lower Upper

156 100

77 145.4 72.0 215.9

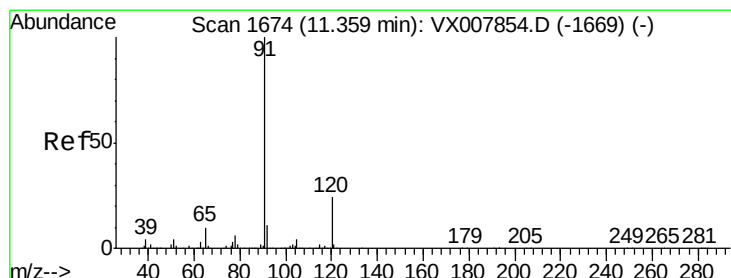
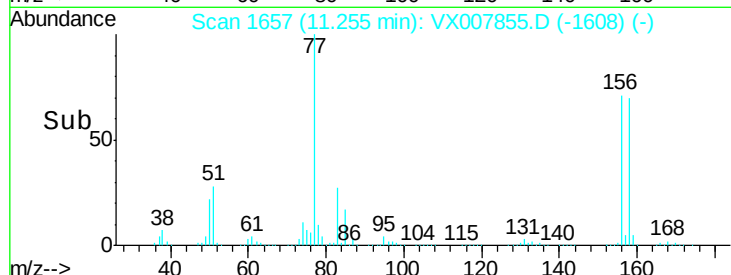
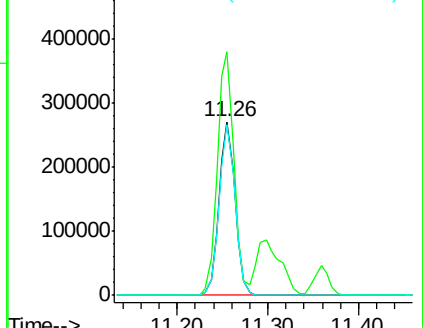
158 98.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.564 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007855.D

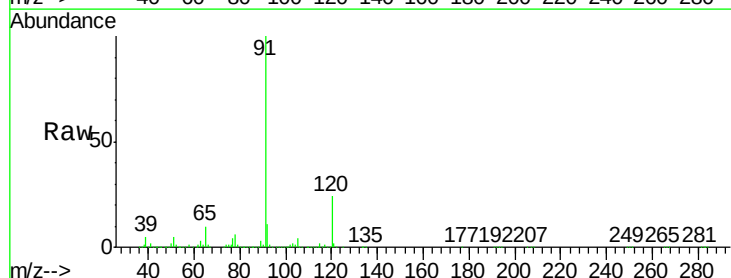
Acq: 06 Mar 2019 11:27

Tgt Ion: 91 Resp: 1440910

Ion Ratio Lower Upper

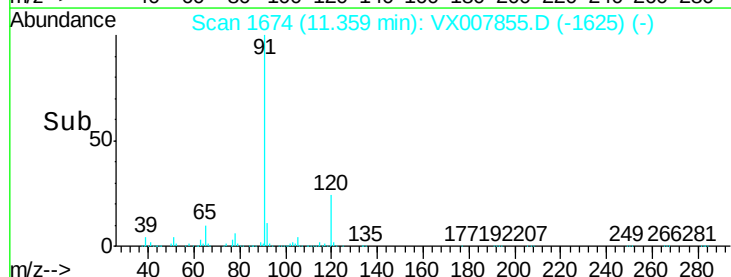
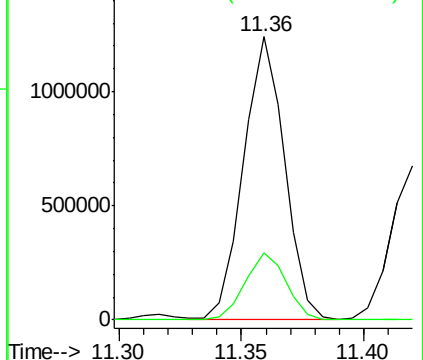
91 100

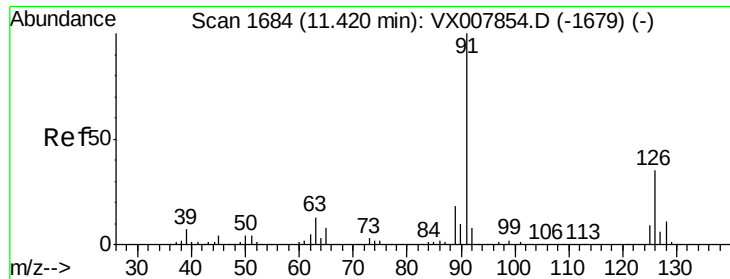
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.964 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampled :

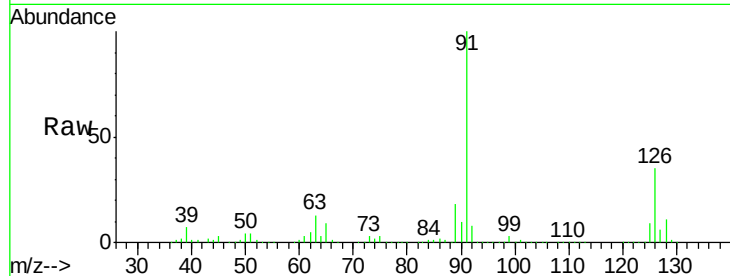
VSTDICC100

Tgt Ion: 91 Resp: 840300

Ion Ratio Lower Upper

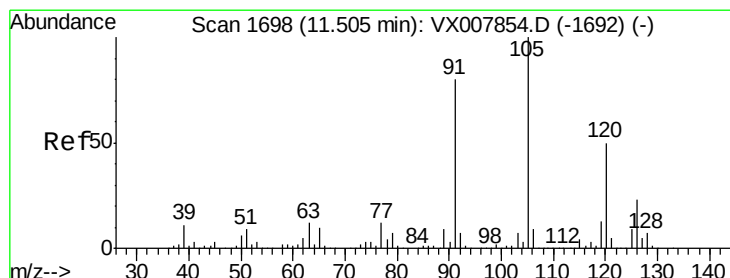
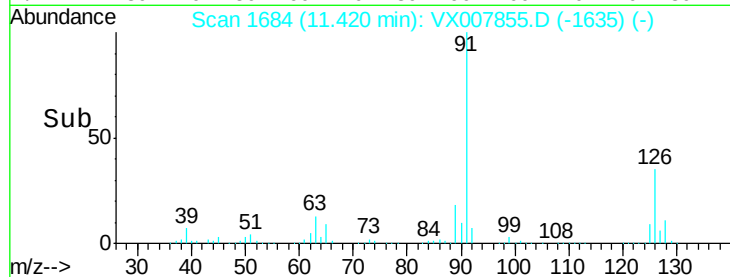
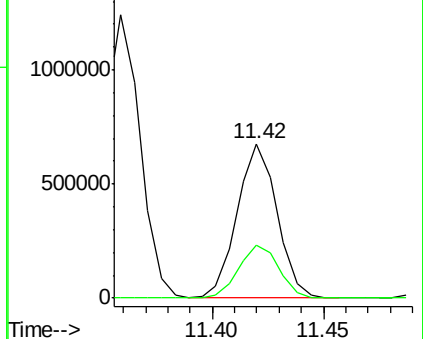
91 100

126 35.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 98.509 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007855.D

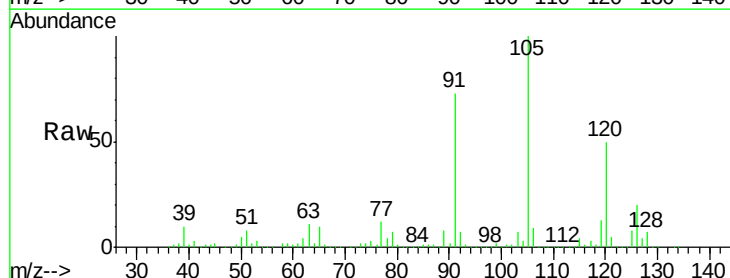
Acq: 06 Mar 2019 11:27

Tgt Ion: 105 Resp: 1057686

Ion Ratio Lower Upper

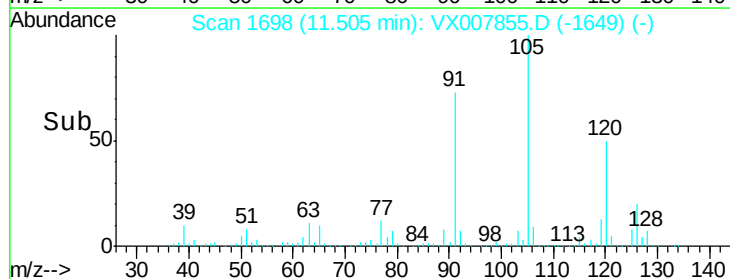
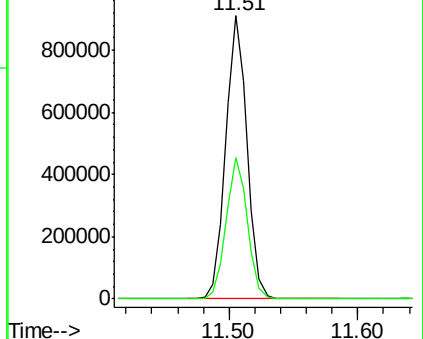
105 100

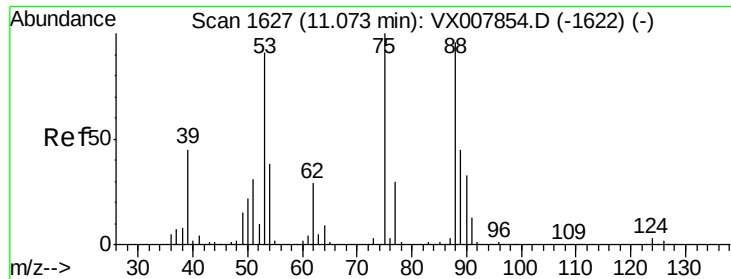
120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.588 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

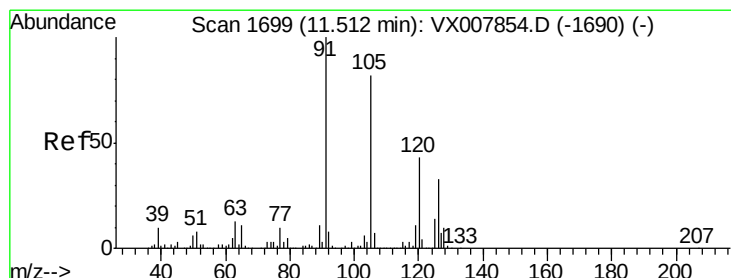
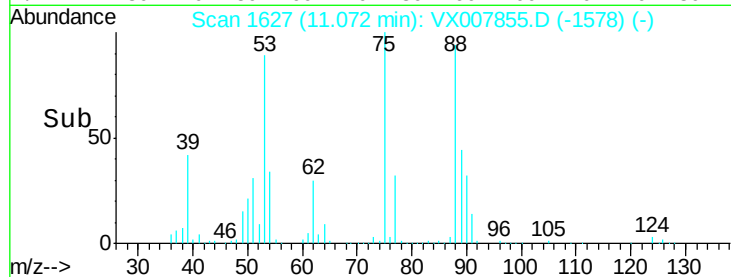
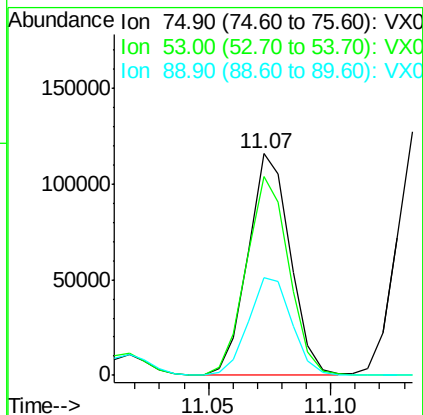
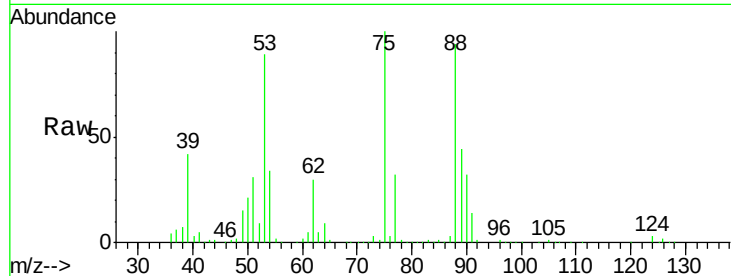
Tgt Ion: 75 Resp: 140032

Ion Ratio Lower Upper

75 100

53 89.8 76.1 114.1

89 45.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 97.291 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007855.D

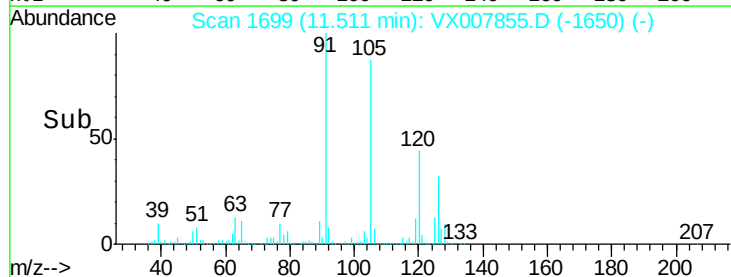
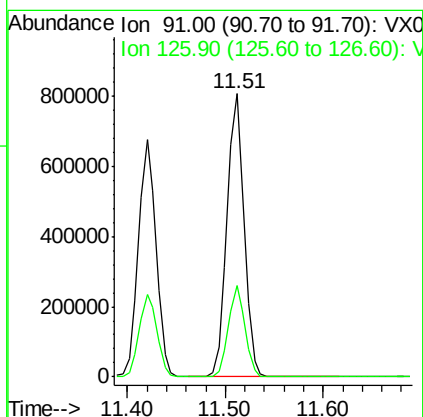
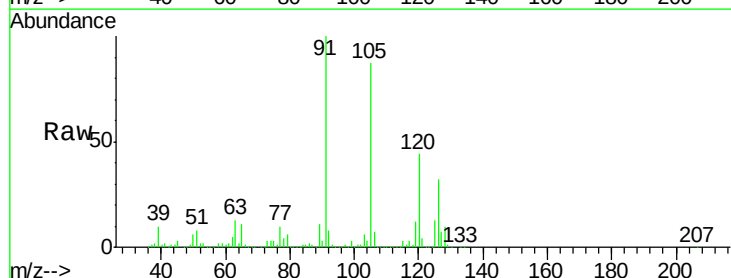
Acq: 06 Mar 2019 11:27

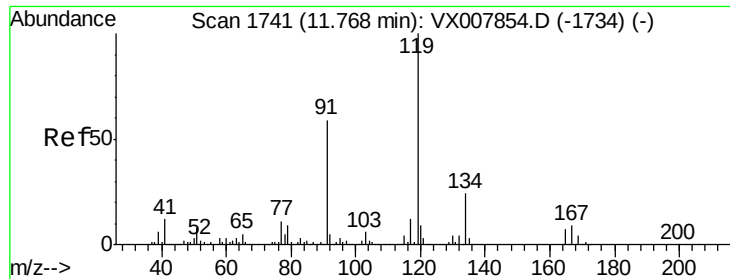
Tgt Ion: 91 Resp: 986582

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

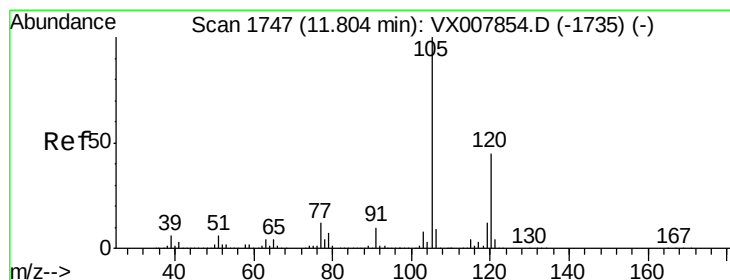
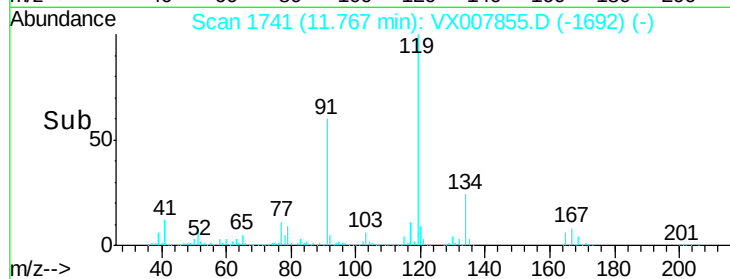
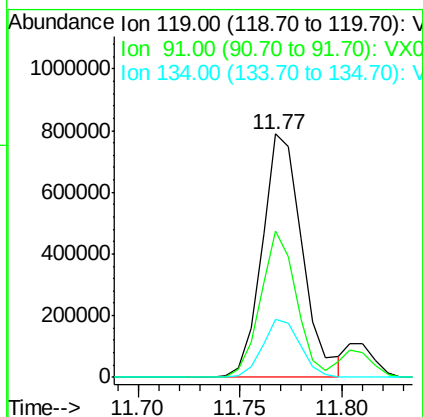
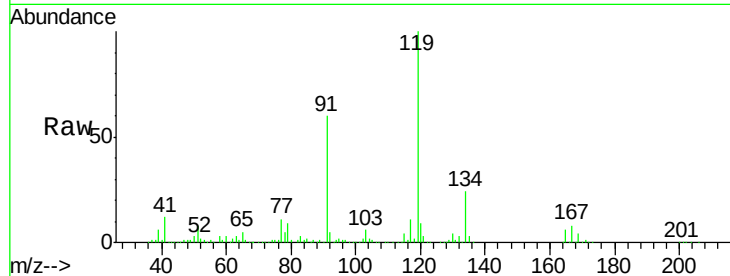




#83
 tert-Butylbenzene
 Concen: 99.926 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

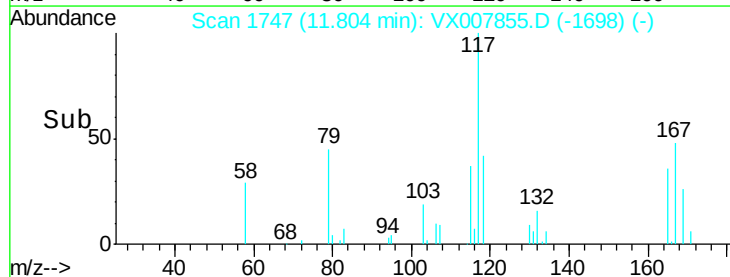
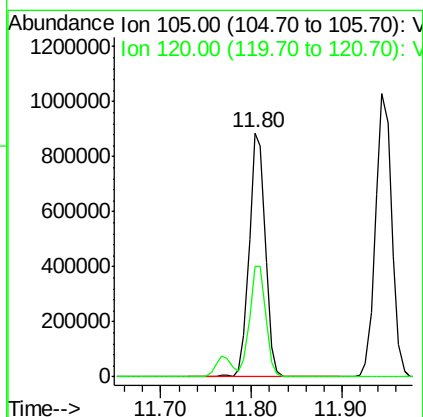
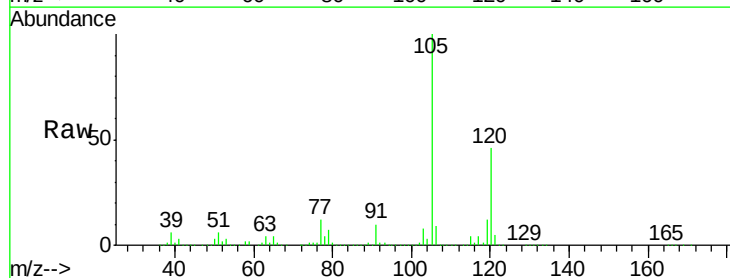
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

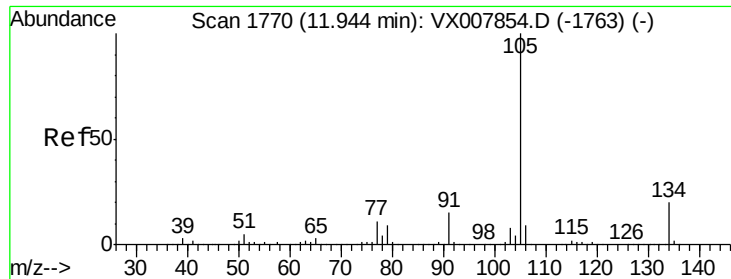
Tgt Ion:119 Resp: 1080721
 Ion Ratio Lower Upper
 119 100
 91 53.4 27.1 81.3
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 98.679 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion:105 Resp: 1086135
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 99.931 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

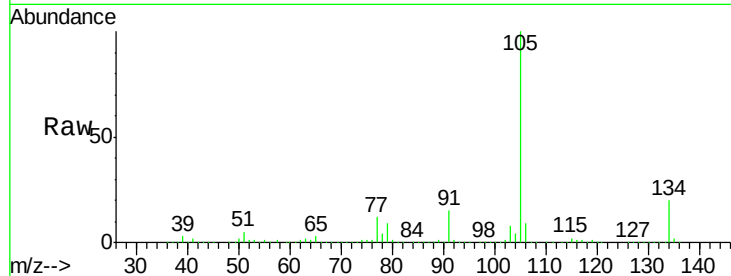
VSTDIC100

Tgt Ion:105 Resp: 1272900

Ion Ratio Lower Upper

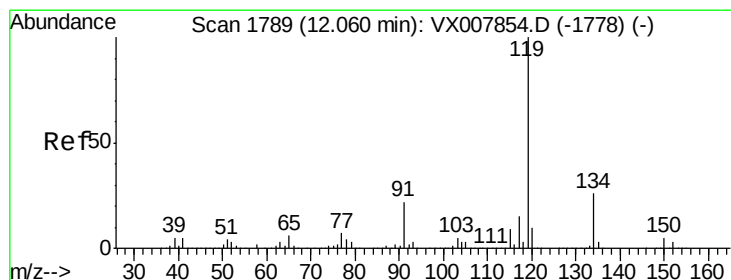
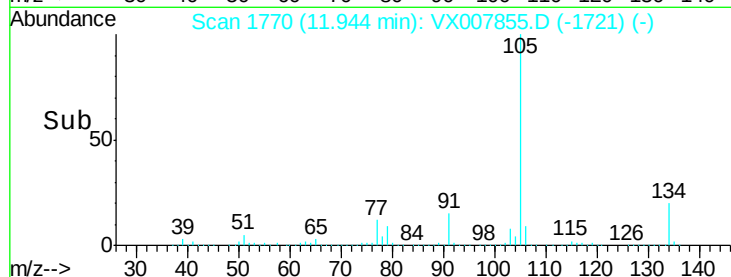
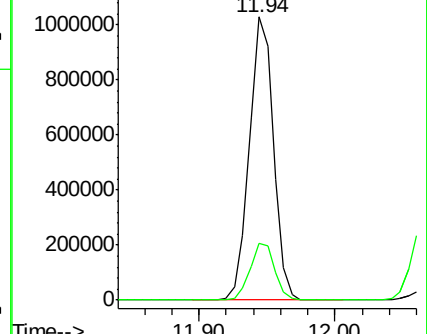
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 101.344 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

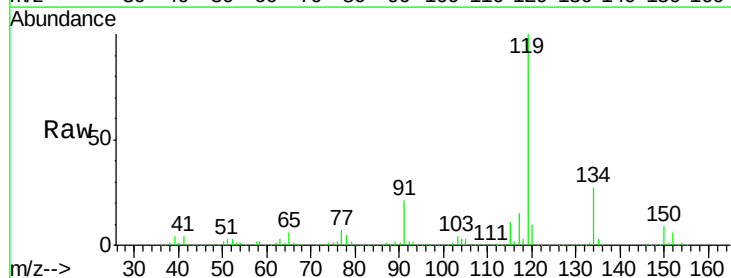
Tgt Ion:119 Resp: 1156086

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

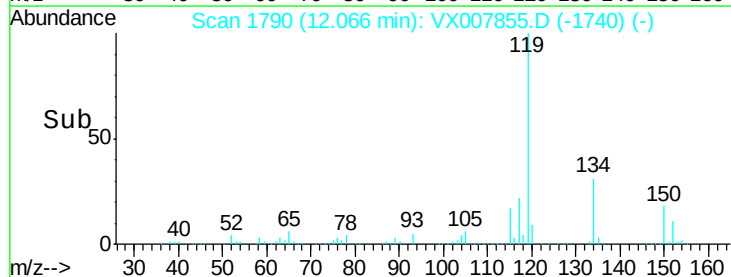
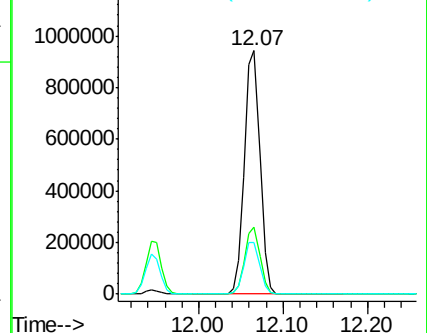
91 21.8 10.9 32.7

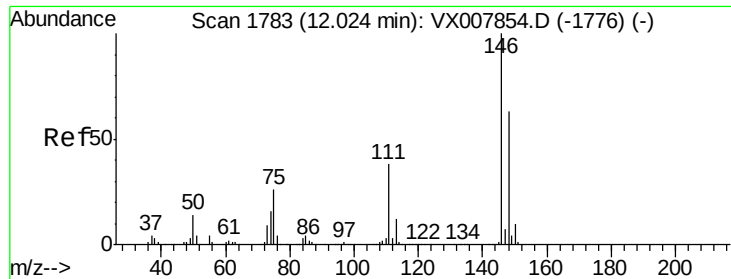


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

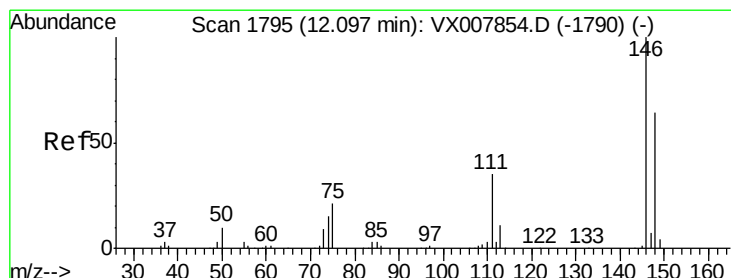
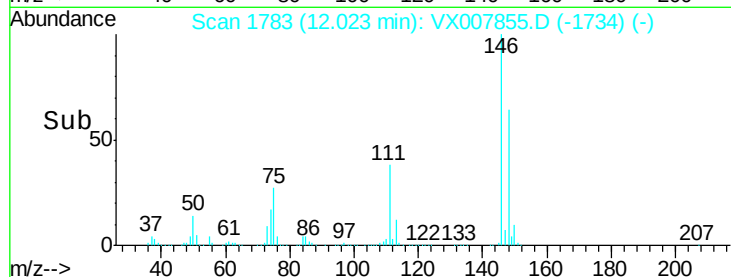
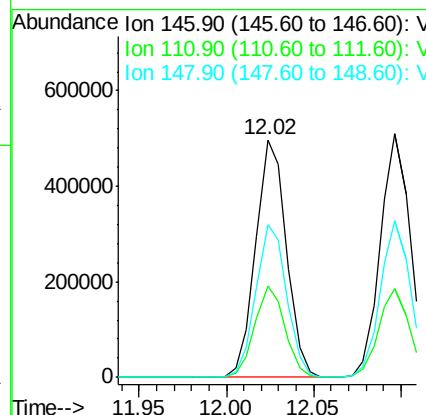
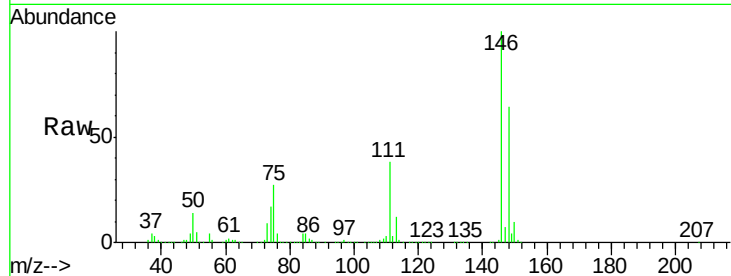




#87
 1,3-Dichlorobenzene
 Concen: 96.192 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

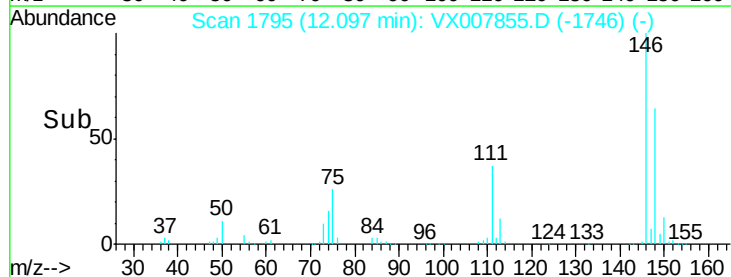
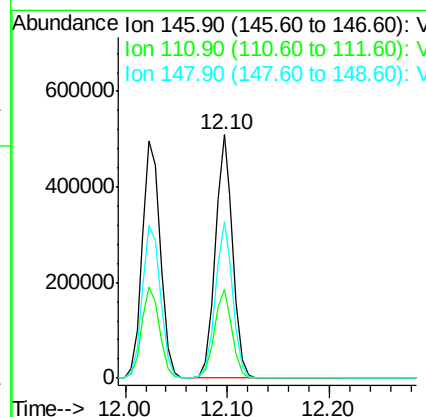
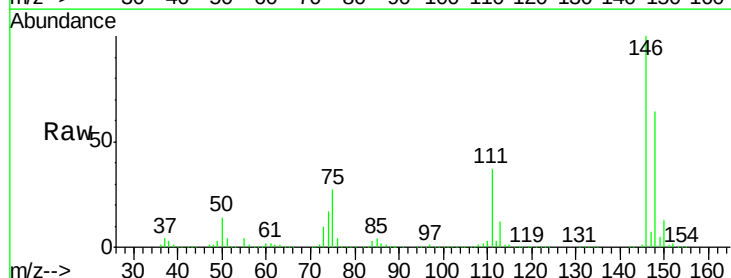
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

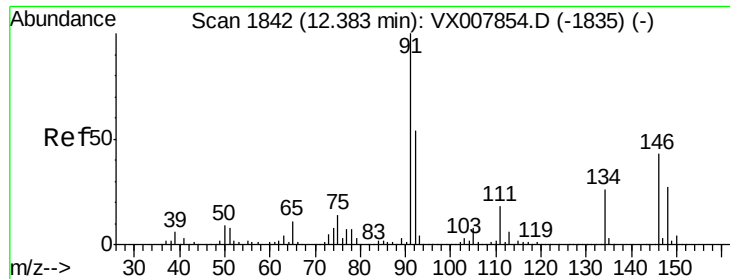
Tgt Ion:146 Resp: 608646
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 93.872 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007855.D
 Acq: 06 Mar 2019 11:27

Tgt Ion:146 Resp: 608756
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.0
 148 64.4 32.2 96.6

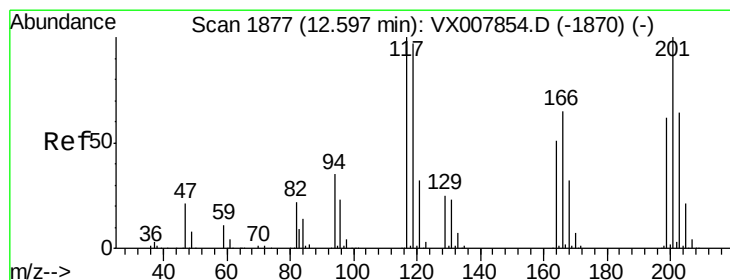
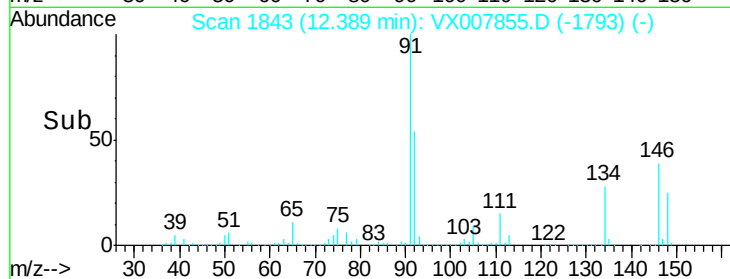
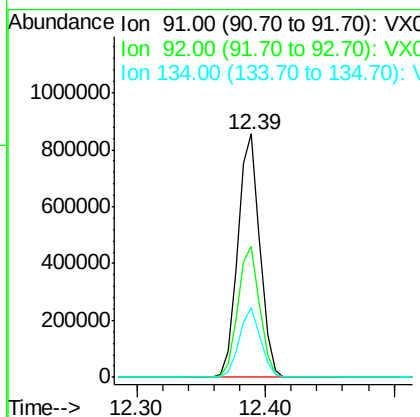
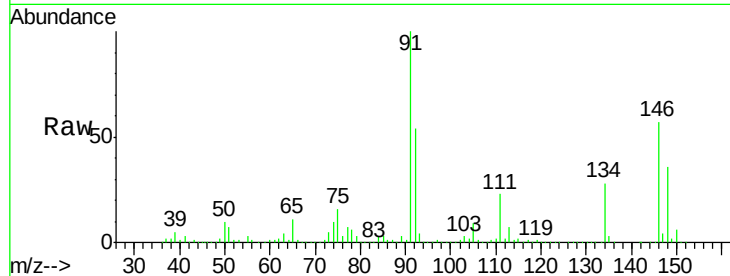




#89
n-Butylbenzene
Concen: 104.798 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

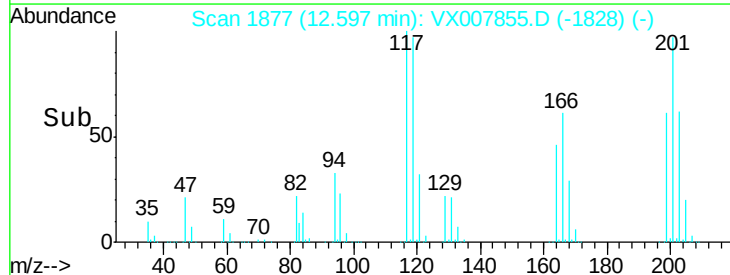
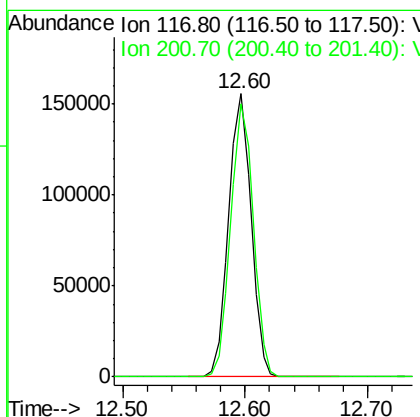
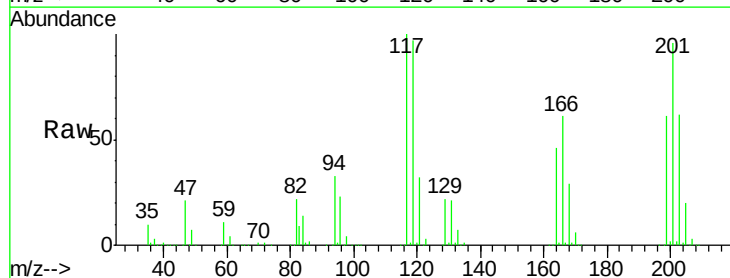
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

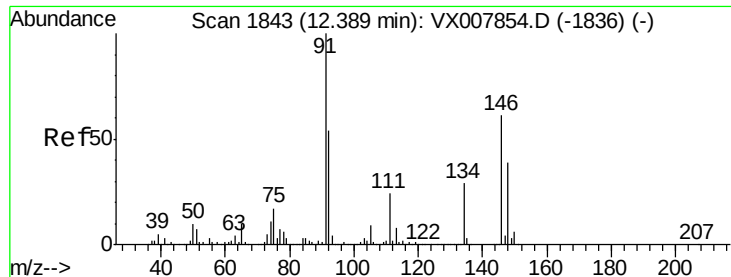
Tgt Ion: 91 Resp: 1012836
Ion Ratio Lower Upper
91 100
92 53.5 27.0 80.8
134 27.6 13.7 41.0



#90
Hexachloroethane
Concen: 103.478 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion: 117 Resp: 197363
Ion Ratio Lower Upper
117 100
201 97.1 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 96.019 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

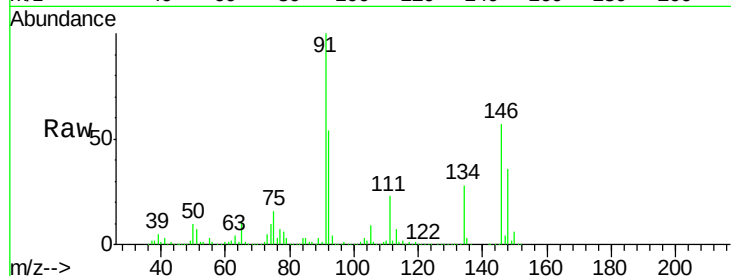
Tgt Ion:146 Resp: 603560

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

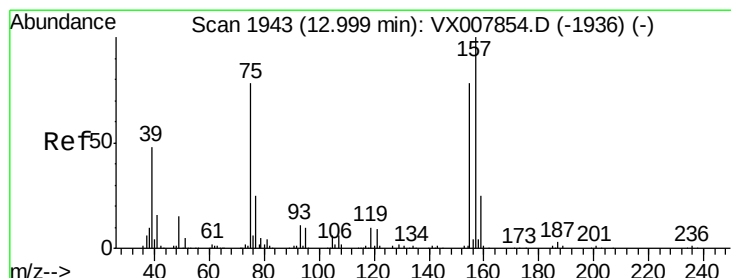
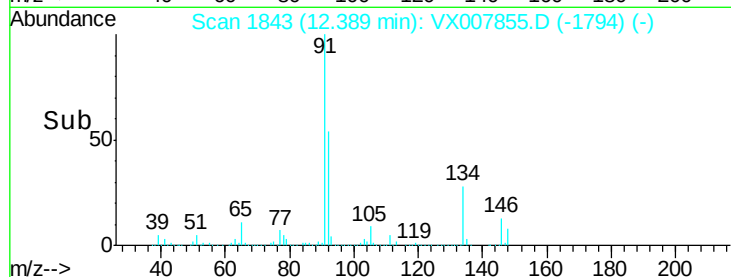
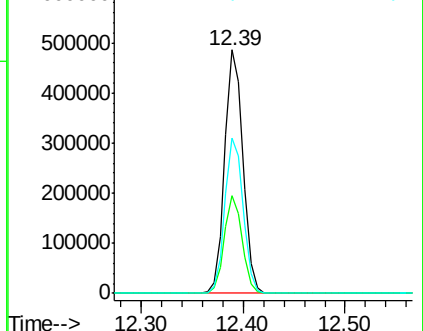
148 64.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.363 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

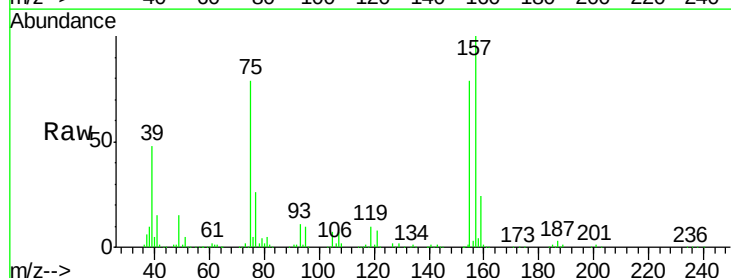
Tgt Ion: 75 Resp: 95324

Ion Ratio Lower Upper

75 100

155 100.8 49.7 149.1

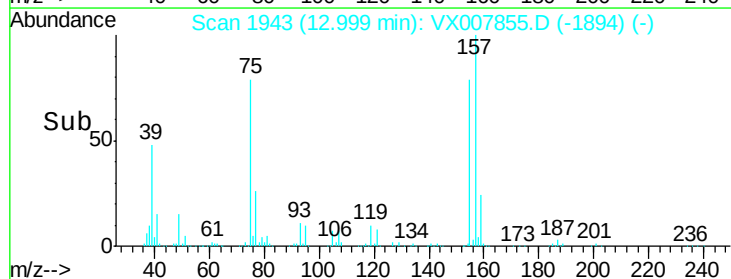
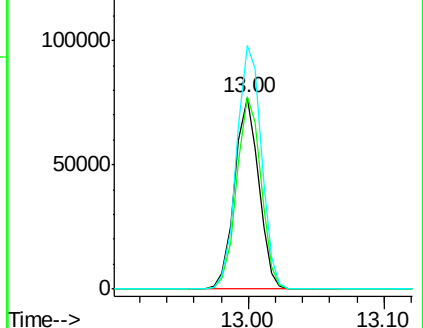
157 130.2 63.8 191.4

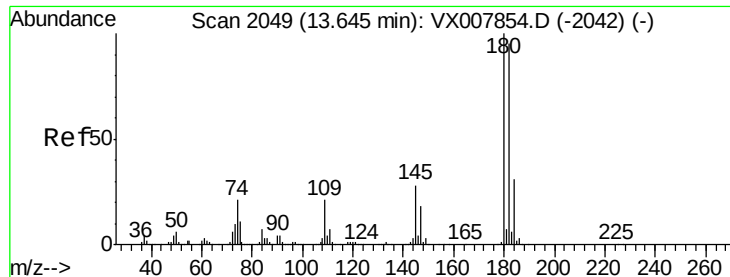


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

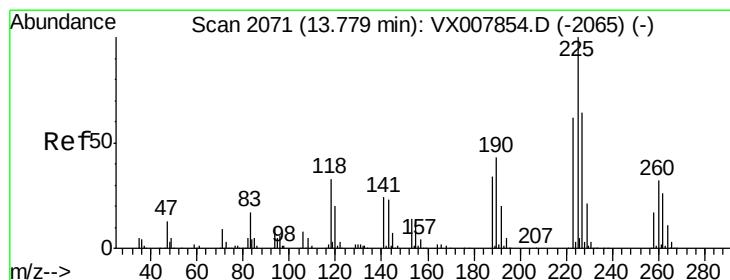
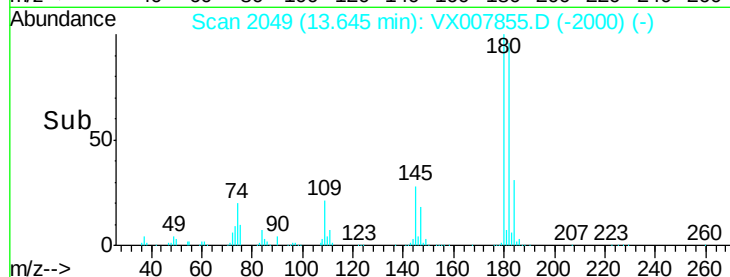
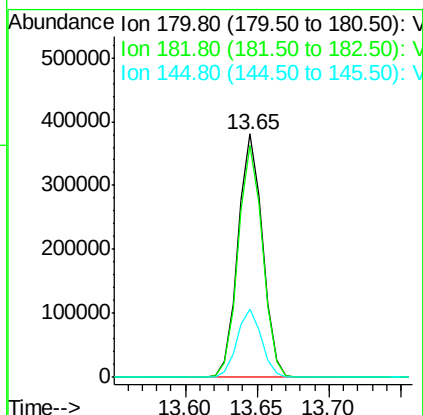
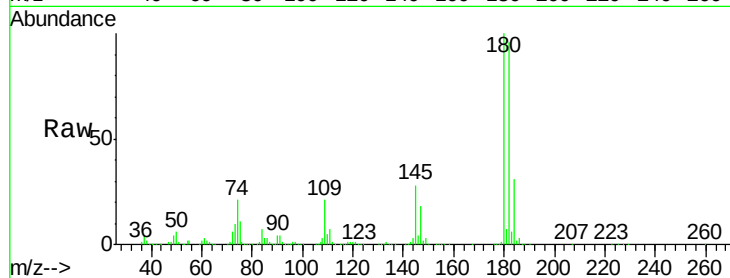




#93
1,2,4-Trichlorobenzene
Concen: 102.228 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

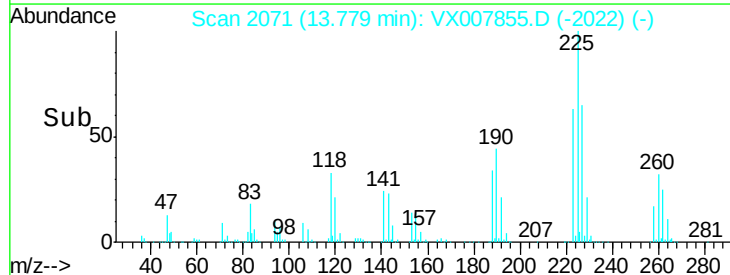
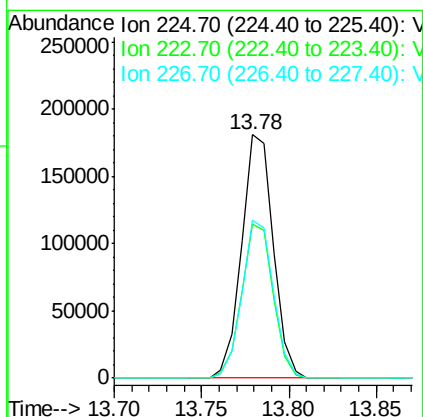
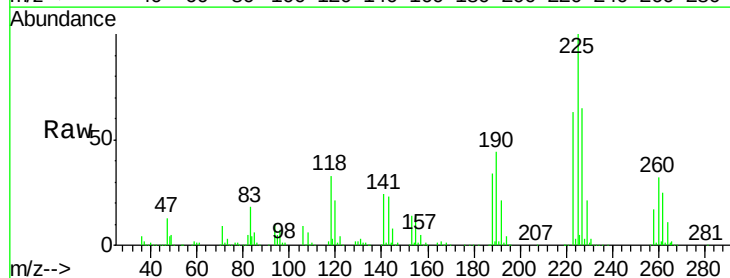
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

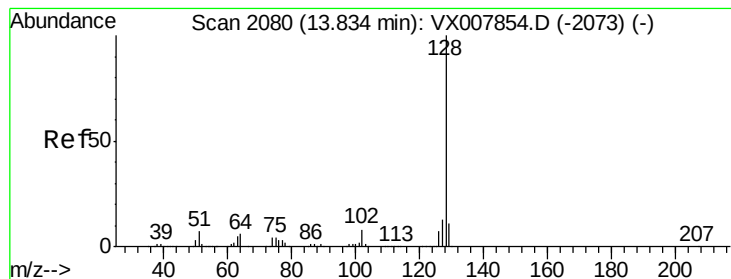
Tgt Ion:180 Resp: 451414
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.7
145 28.0 14.1 42.4



#94
Hexachlorobutadiene
Concen: 98.556 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007855.D
Acq: 06 Mar 2019 11:27

Tgt Ion:225 Resp: 227533
Ion Ratio Lower Upper
225 100
223 63.0 31.1 93.2
227 64.1 32.0 96.0





#95

Naphthalene

Concen: 103.941 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

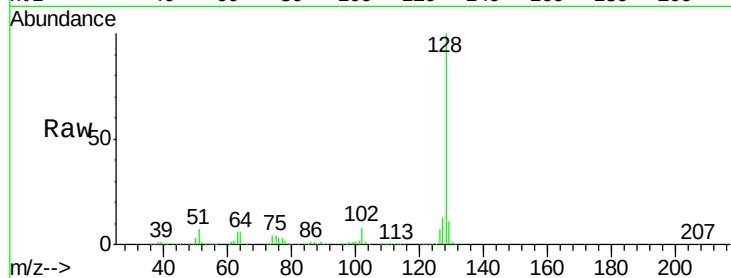
Tgt Ion:128 Resp: 1322471

Ion Ratio Lower Upper

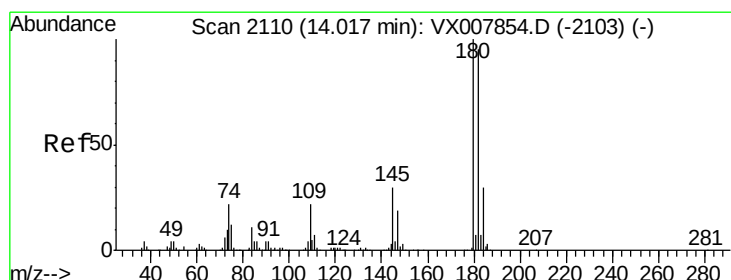
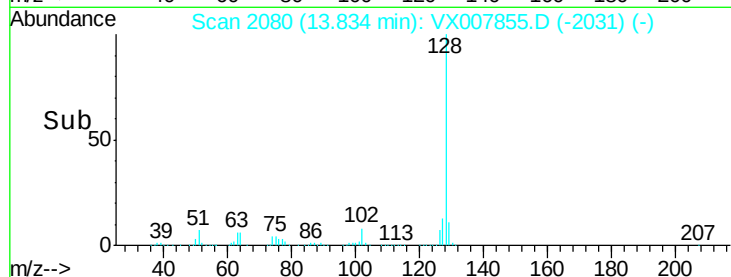
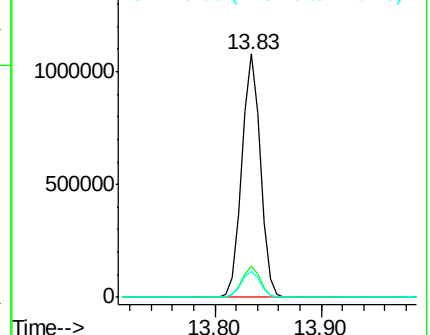
128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 100.093 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007855.D

Acq: 06 Mar 2019 11:27

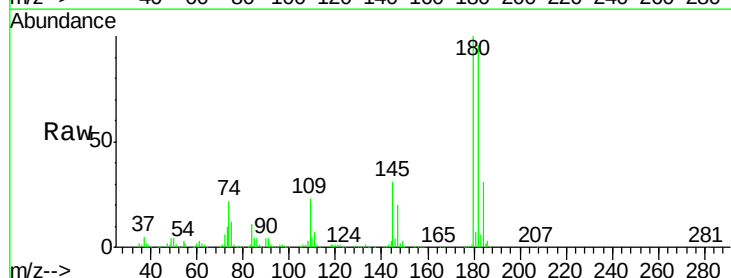
Tgt Ion:180 Resp: 440297

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.5

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

