

Data File : VX001274.D

Acq On : 01 May 2018 12:46

Operator : JC/MD

Sample : VSTDIC100

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Quant Time: May 02 01:22:05 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	270377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	267175	84.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.48%	
35) Dibromofluoromethane	5.51	113	225322	100.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.50%	
50) Toluene-d8	8.72	98	854630	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
62) 4-Bromofluorobenzene	11.14	95	345091	104.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	238532	107.32	ug/l	96
3) Chloromethane	1.32	50	209637	92.49	ug/l	99
4) Vinyl Chloride	1.40	62	225339	93.55	ug/l	100
5) Bromomethane	1.64	94	170046	99.81	ug/l	99
6) Chloroethane	1.71	64	140998	93.67	ug/l	98
7) Trichlorofluoromethane	1.92	101	385888	98.28	ug/l	99
8) Diethyl Ether	2.19	74	131440	89.14	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	213710	98.37	ug/l	99
10) Methyl Iodide	2.51	142	256617	127.27	ug/l	100
11) Tert butyl alcohol	3.09	59	232610	386.61	ug/l	100
12) 1,1-Dichloroethene	2.37	96	195438	93.56	ug/l	99
13) Acrolein	2.30	56	136509	552.23	ug/l	100
14) Allyl chloride	2.73	41	357537	95.02	ug/l	100
15) Acrylonitrile	3.15	53	542574	412.83	ug/l	100
16) Acetone	2.45	43	574845	440.55	ug/l	100
17) Carbon Disulfide	2.57	76	518268	97.46	ug/l	99
18) Methyl Acetate	2.78	43	277100	85.96	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	680967	89.86	ug/l	100
20) Methylene Chloride	2.86	84	215215	88.23	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	208921	90.95	ug/l	97
22) Diisopropyl ether	3.88	45	691966	92.40	ug/l	100
23) Vinyl Acetate	3.83	43	2973683	469.91	ug/l	99
24) 1,1-Dichloroethane	3.70	63	346049	86.91	ug/l	99
25) 2-Butanone	4.71	43	786123	409.66	ug/l	98
26) 2,2-Dichloropropane	4.59	77	318768	101.11	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	232460	92.96	ug/l	100
28) Bromochloromethane	5.03	49	180972	101.21	ug/l	99
29) Tetrahydrofuran	5.17	42	486090	396.29	ug/l	100
30) Chloroform	5.23	83	392048	93.03	ug/l	98
31) Cyclohexane	5.58	56	329475	96.40	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	362126	99.11	ug/l	99
36) 1,1-Dichloropropene	5.81	75	293323	97.54	ug/l	99
37) Ethyl Acetate	4.87	43	301038	85.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	325383	105.08	ug/l	96

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 02 01:22:05 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	356865	105.80	ug/l	98
40) Benzene	6.15	78	852755	98.46	ug/l	100
41) Methacrylonitrile	5.07	41	172804	87.74	ug/l	99
42) 1,2-Dichloroethane	6.21	62	328473	95.07	ug/l	100
43) Isopropyl Acetate	6.48	43	513705	92.83	ug/l	100
44) Trichloroethene	7.22	130	257125	99.21	ug/l	97
45) 1,2-Dichloropropane	7.52	63	220523	97.25	ug/l	98
46) Dibromomethane	7.67	93	155970	99.39	ug/l	99
47) Bromodichloromethane	7.90	83	304765	106.78	ug/l	99
48) Methyl methacrylate	7.79	41	274223	93.36	ug/l	99
49) 1,4-Dioxane	7.76	88	97907	1684.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1695673	467.69	ug/l	99
52) Toluene	8.79	92	578253	101.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	361705	109.15	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	350492	112.74	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	233497	97.85	ug/l	98
56) Ethyl methacrylate	9.19	69	354158	101.28	ug/l	100
57) 1,3-Dichloropropane	9.38	76	373502	96.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	827619	497.17	ug/l	99
59) 2-Hexanone	9.51	43	1351630	474.87	ug/l	100
60) Dibromochloromethane	9.59	129	274520	113.90	ug/l	99
61) 1,2-Dibromoethane	9.68	107	253921	101.82	ug/l	100
64) Tetrachloroethene	9.34	164	276709	95.84	ug/l	99
65) Chlorobenzene	10.15	112	681064	97.89	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	256481	106.57	ug/l	99
67) Ethyl Benzene	10.26	91	1145105	100.75	ug/l	99
68) m/p-Xylenes	10.37	106	919824	204.65	ug/l	100
69) o-Xylene	10.70	106	449741	103.60	ug/l	99
70) Styrene	10.72	104	757172	104.97	ug/l	100
71) Bromoform	10.87	173	238987	114.39	ug/l	100
73) Isopropylbenzene	11.02	105	1216055	95.62	ug/l	100
74) N-amyl acetate	6.48	43	513705	82.09	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	372794	89.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	433987	111.52	ug/l	90
77) Bromobenzene	11.26	156	351151	93.44	ug/l	99
78) n-propylbenzene	11.37	91	1375826	97.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	817109	93.28	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1057182	98.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	110411	112.64	ug/l	97
82) 4-Chlorotoluene	11.52	91	1001766	96.06	ug/l	99
83) tert-Butylbenzene	11.77	119	1069397	99.58	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1075995	97.36	ug/l	99
85) sec-Butylbenzene	11.95	105	1255968	99.45	ug/l	100
86) p-Isopropyltoluene	12.07	119	1164796	99.41	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	646530	95.72	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	659659	93.66	ug/l	99
89) n-Butylbenzene	12.40	91	1040579	102.45	ug/l	100
90) Hexachloroethane	12.60	117	185880	111.67	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	649782	95.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	84123	92.83	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

Data File : VX001274.D
Acq On : 01 May 2018 12:46
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

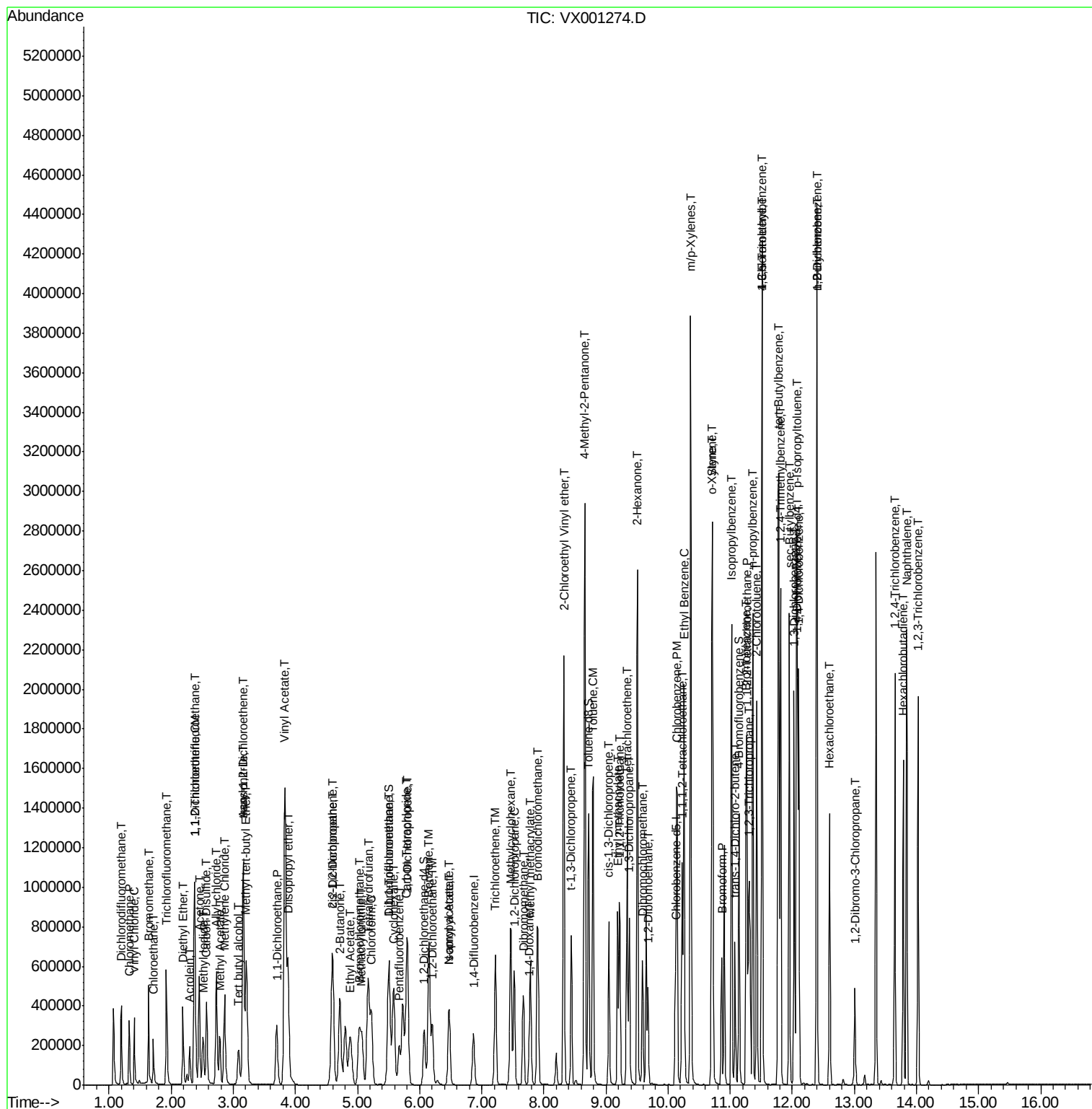
Quant Time: May 02 01:22:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:17:44 2018
Response via : Initial Calibration

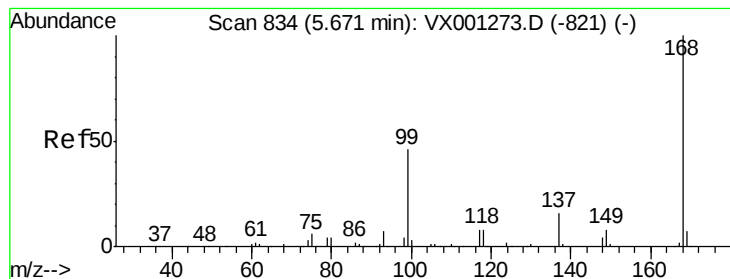
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	517720	96.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	265409	103.30	ug/l	100
95) Naphthalene	13.84	128	1364062	92.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	507227	95.19	ug/l	100

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

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ALS Vial      : 7      Sample Multiplier: 1
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

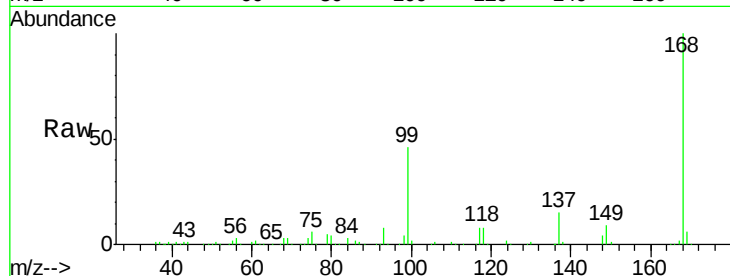
VSTDIC100

Tgt Ion:168 Resp: 206031

Ion Ratio Lower Upper

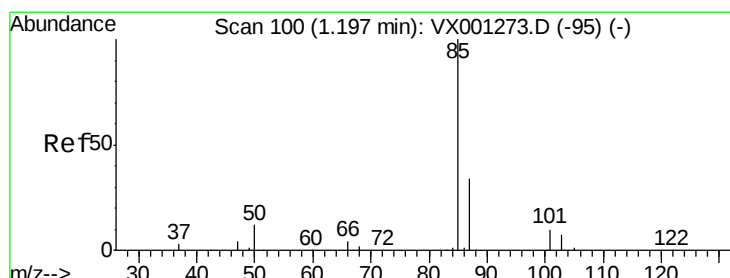
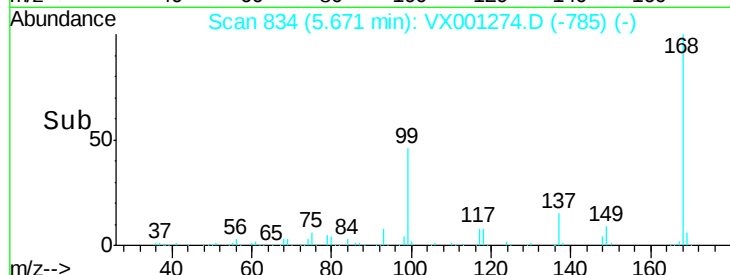
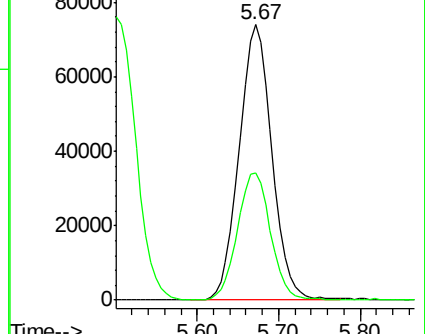
168 100

99 46.0 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 107.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001274.D

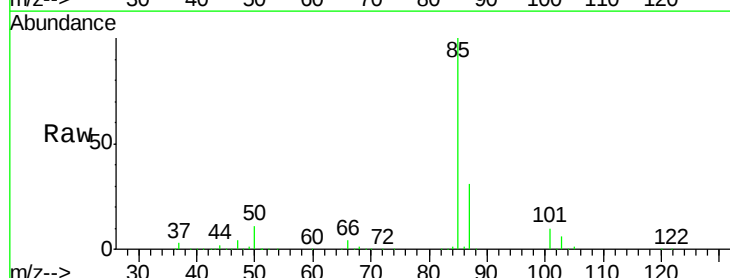
Acq: 01 May 2018 12:46

Tgt Ion: 85 Resp: 238532

Ion Ratio Lower Upper

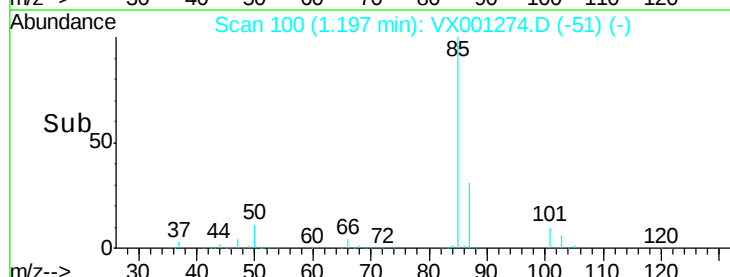
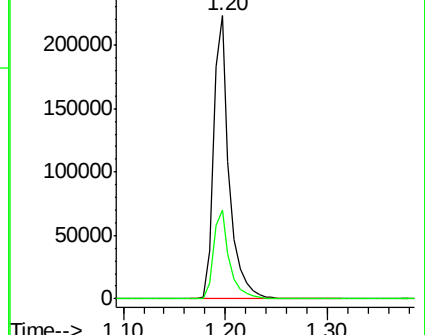
85 100

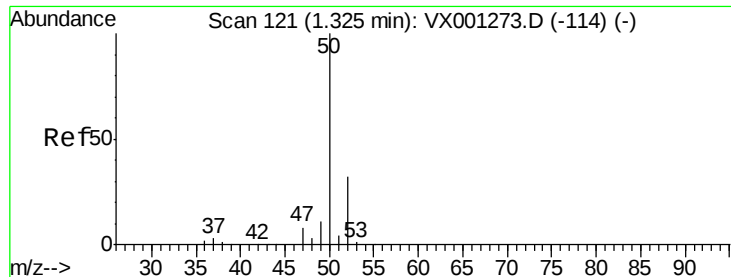
87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 92.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

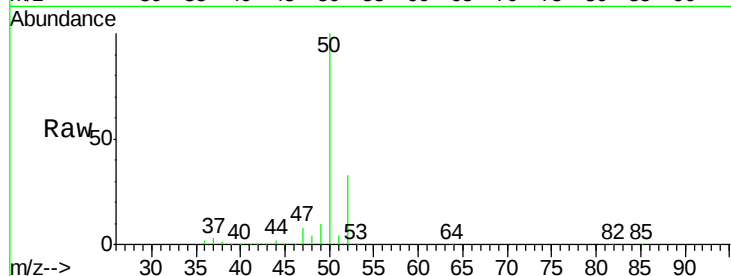
VSTDIC100

Tgt Ion: 50 Resp: 209637

Ion Ratio Lower Upper

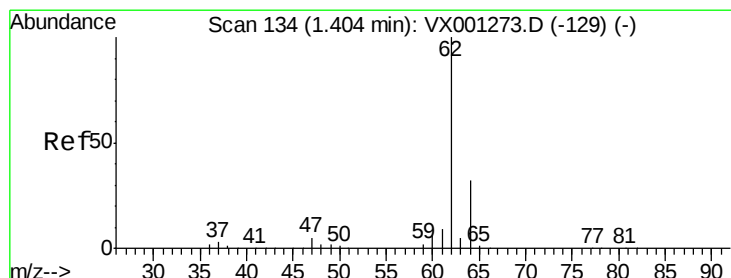
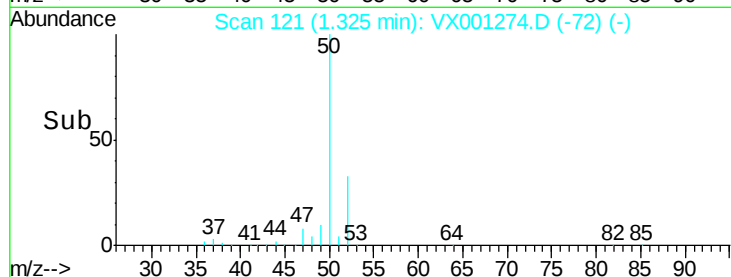
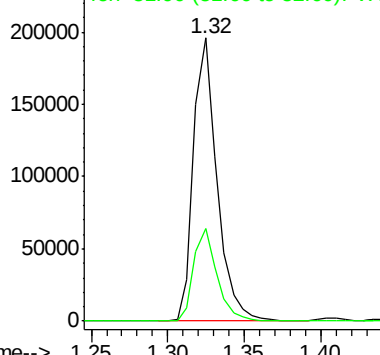
50 100

52 32.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 93.55 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001274.D

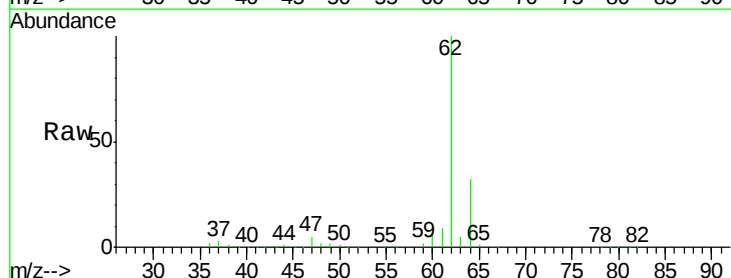
Acq: 01 May 2018 12:46

Tgt Ion: 62 Resp: 225339

Ion Ratio Lower Upper

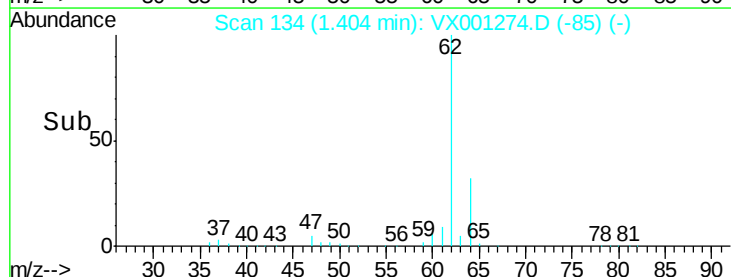
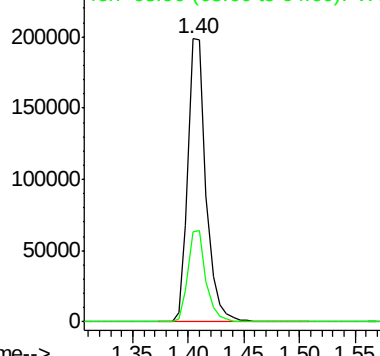
62 100

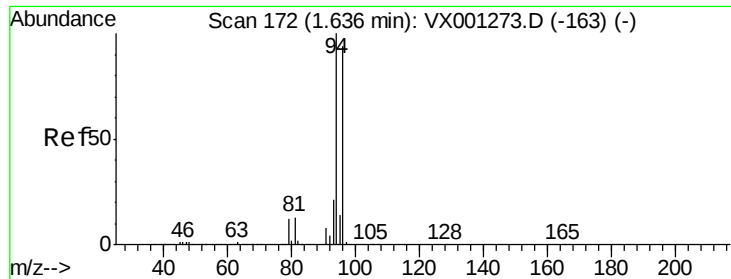
64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 99.81 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

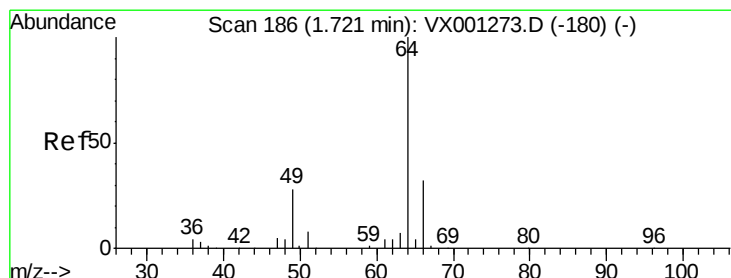
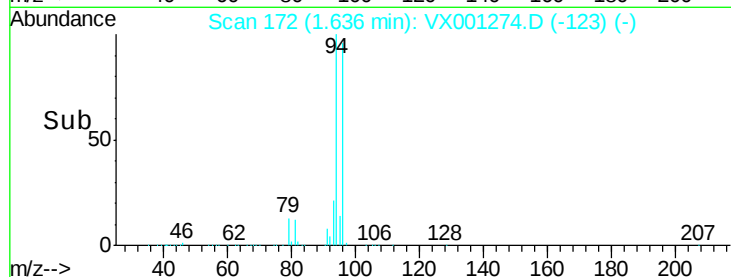
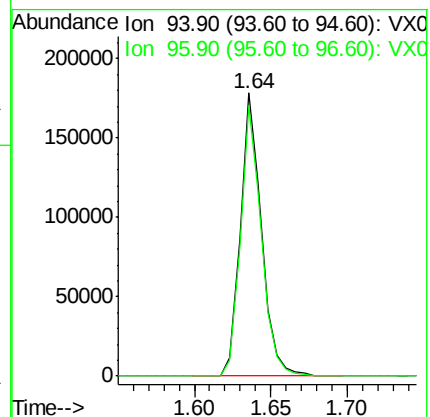
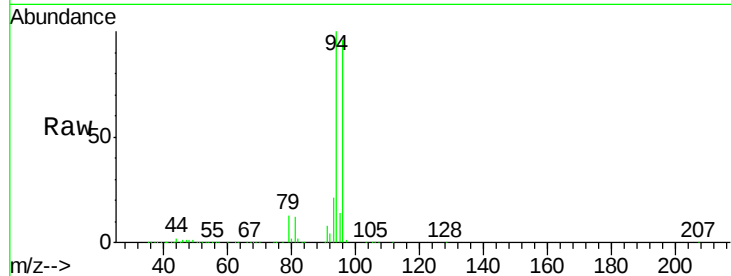
VSTDIC100

Tgt Ion: 94 Resp: 170046

Ion Ratio Lower Upper

94 100

96 95.6 75.6 113.4



#6

Chloroethane

Concen: 93.67 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001274.D

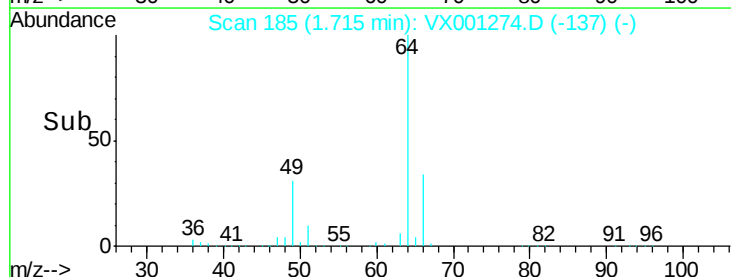
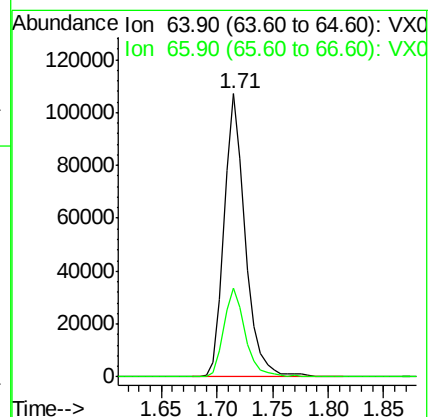
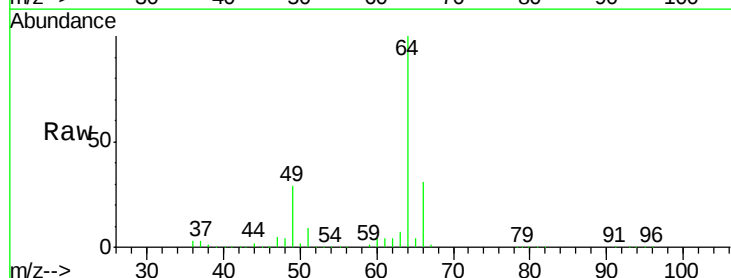
Acq: 01 May 2018 12:46

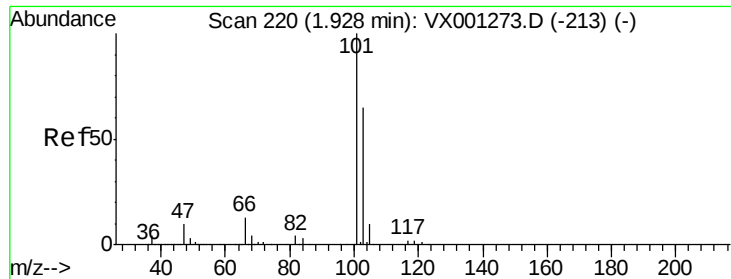
Tgt Ion: 64 Resp: 140998

Ion Ratio Lower Upper

64 100

66 31.3 25.7 38.5



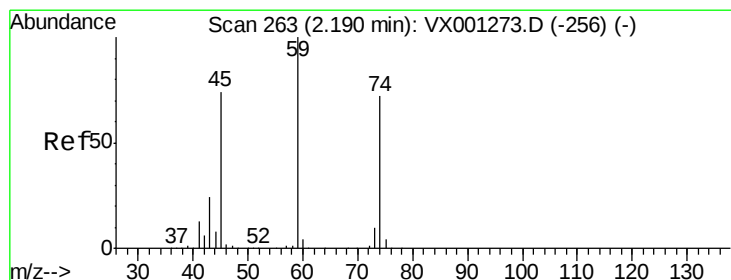
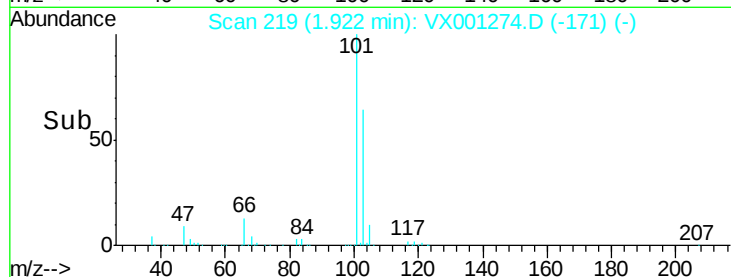
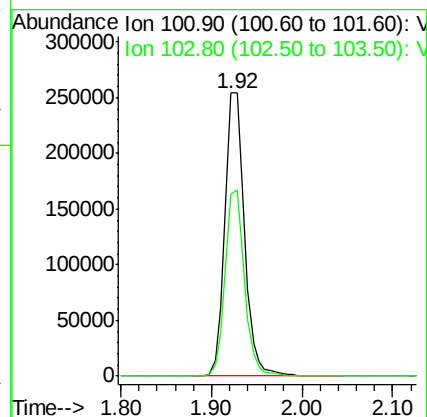
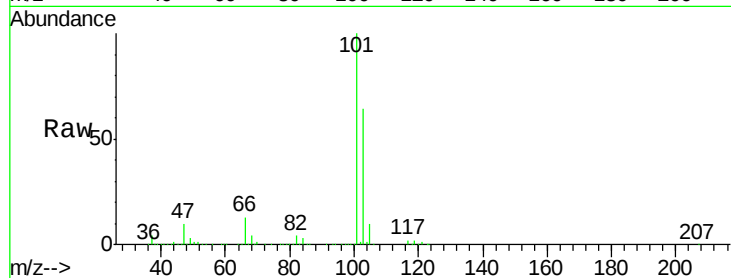


#7

Trichlorofluoromethane
 Concen: 98.28 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

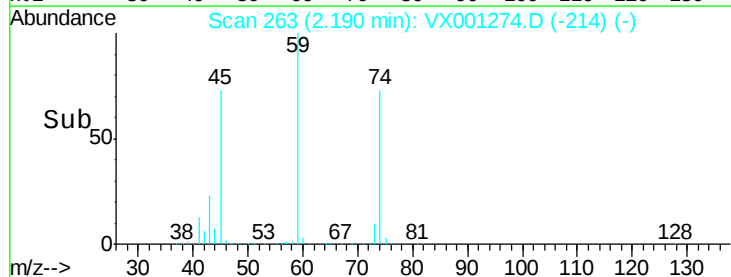
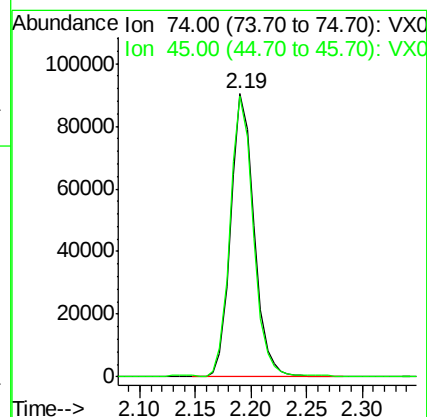
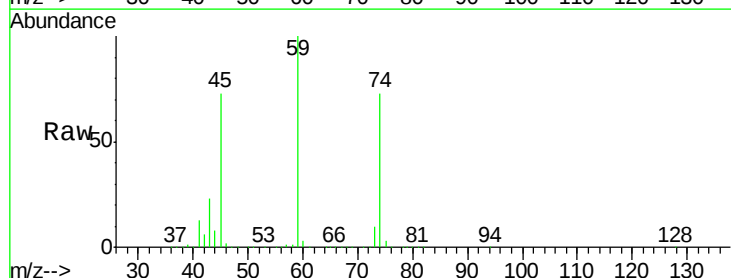
Tgt Ion:101 Resp: 385888
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.8

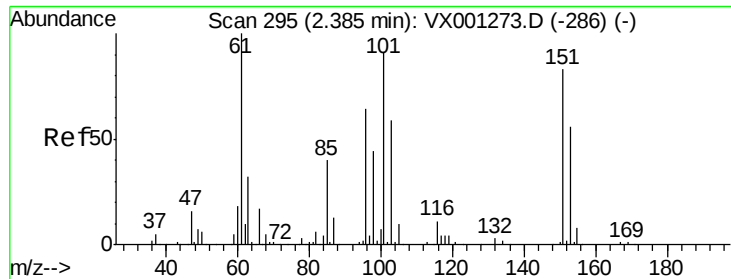


#8

Diethyl Ether
 Concen: 89.14 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion: 74 Resp: 131440
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.37 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

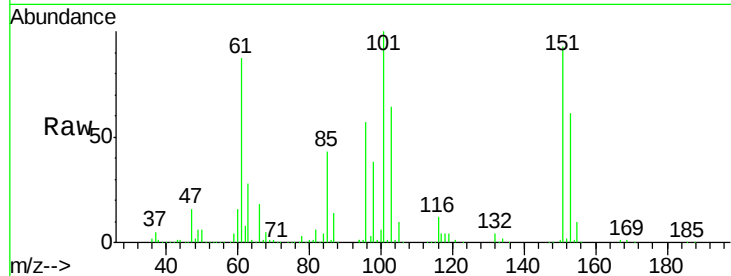
Tgt Ion:101 Resp: 213710

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

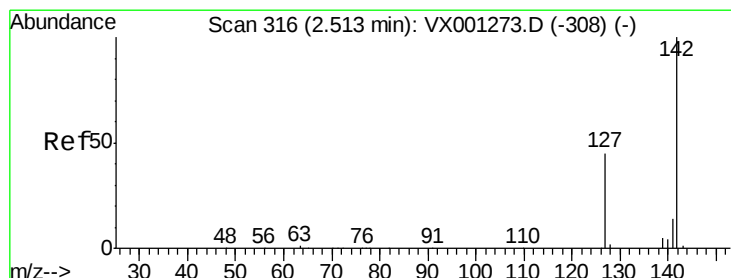
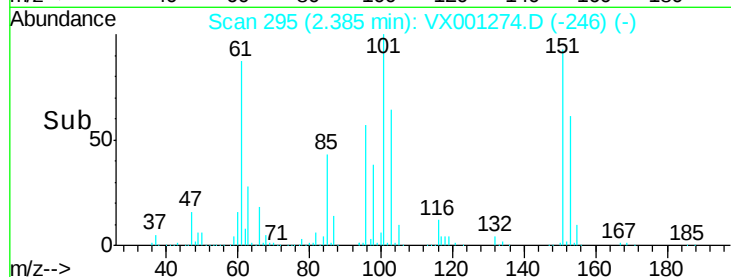
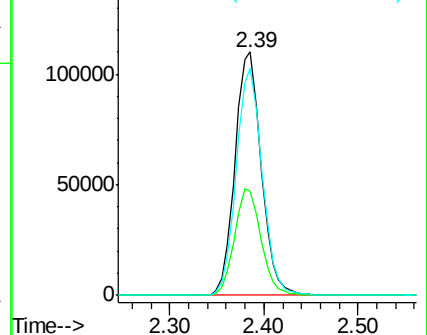
151 92.4 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 127.27 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

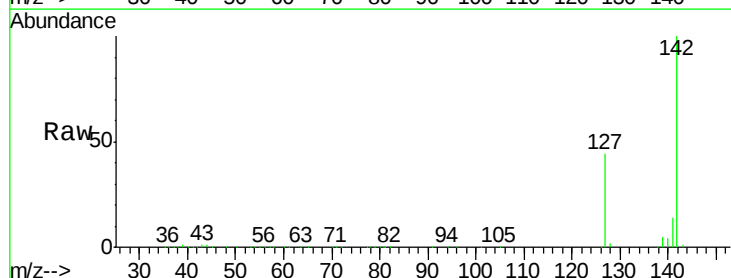
Tgt Ion:142 Resp: 256617

Ion Ratio Lower Upper

142 100

127 44.8 35.7 53.5

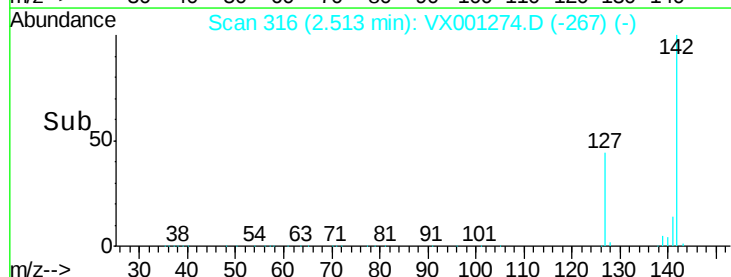
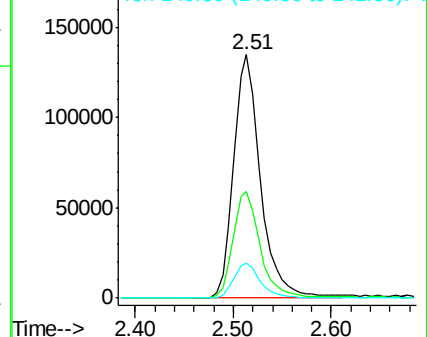
141 14.6 11.4 17.0

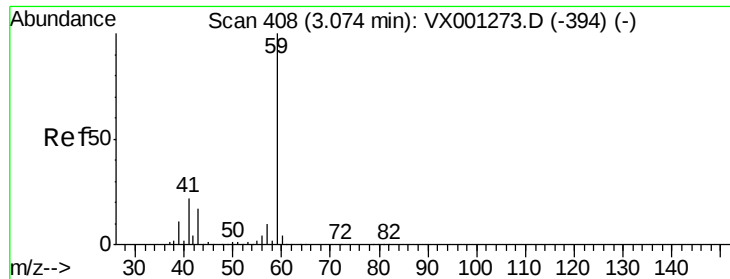


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

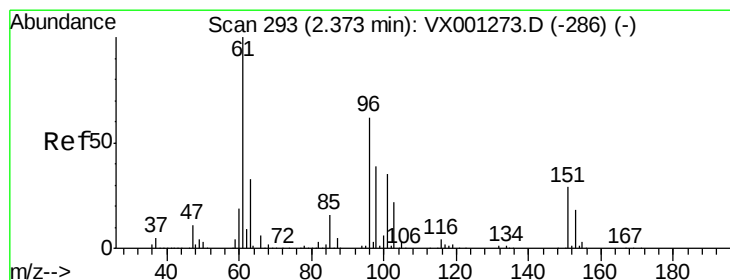
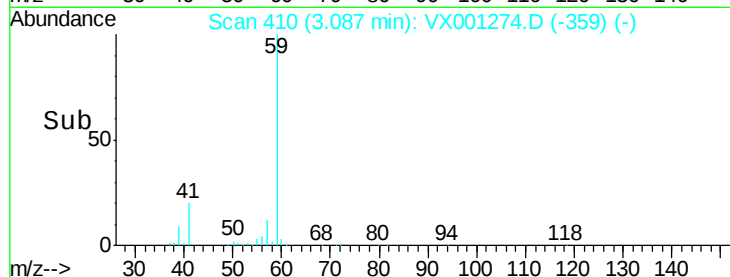
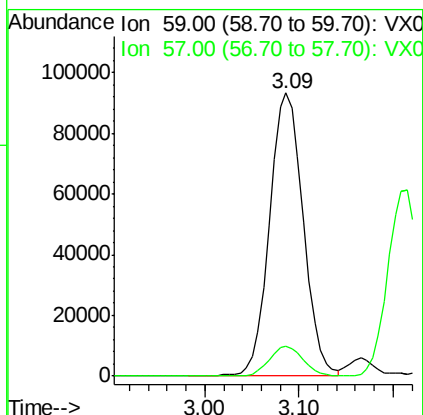
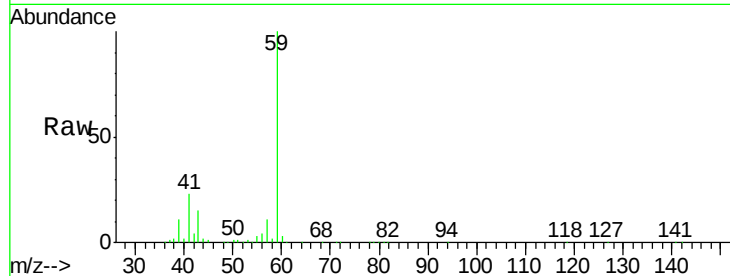




#11
Tert butyl alcohol
Concen: 386.61 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

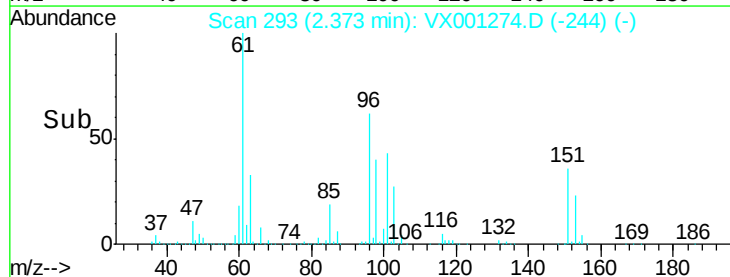
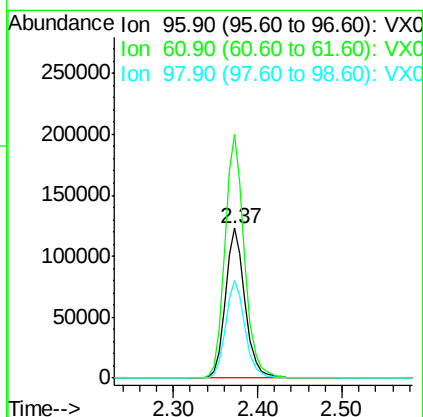
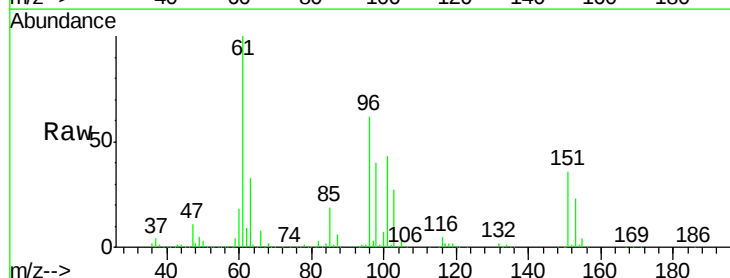
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

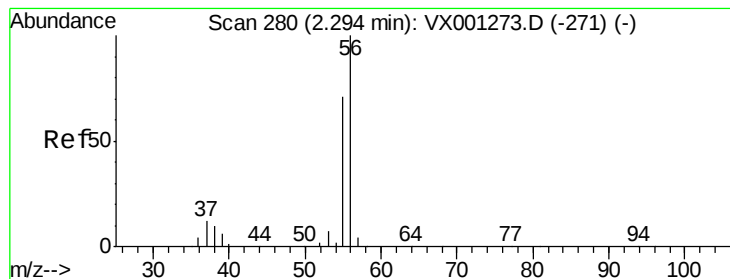
Tgt Ion: 59 Resp: 232610
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 93.56 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 96 Resp: 195438
Ion Ratio Lower Upper
96 100
61 162.4 130.1 195.1
98 64.7 50.3 75.5





#13

Acrolein

Concen: 552.23 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

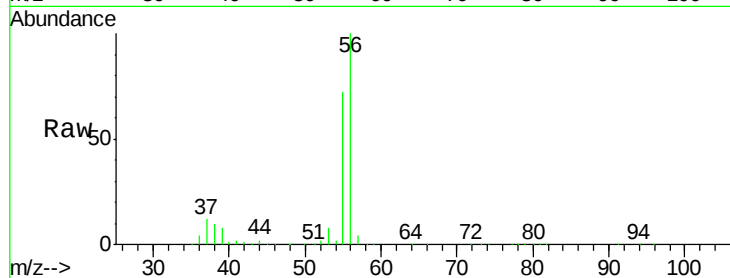
VSTDIC100

Tgt Ion: 56 Resp: 136509

Ion Ratio Lower Upper

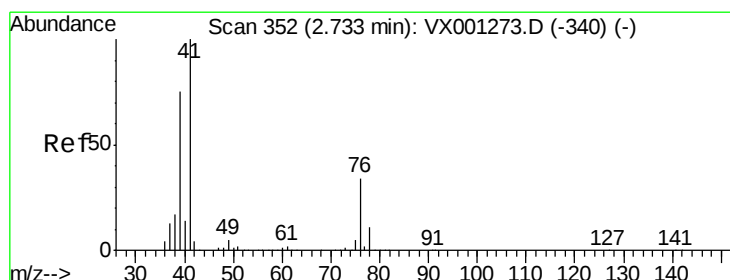
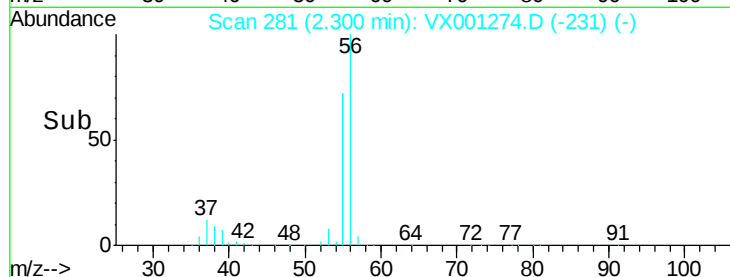
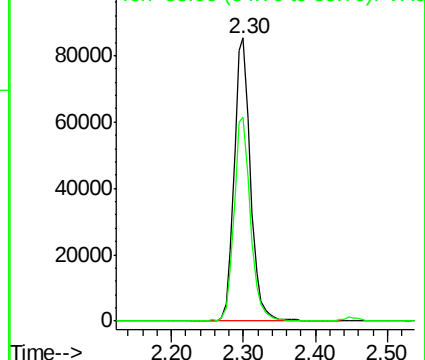
56 100

55 71.8 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 95.02 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

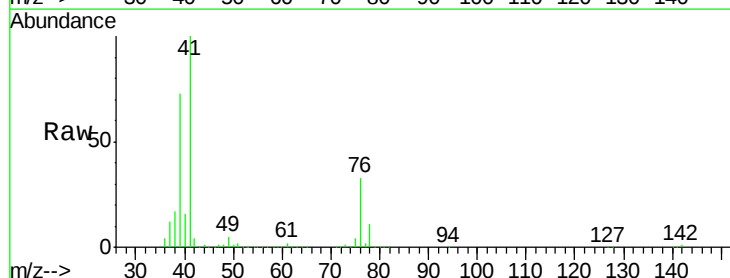
Tgt Ion: 41 Resp: 357537

Ion Ratio Lower Upper

41 100

39 72.5 58.1 87.1

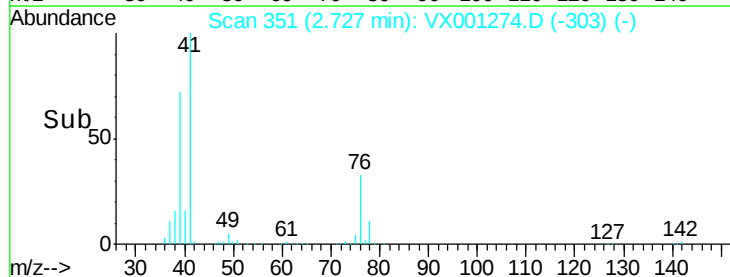
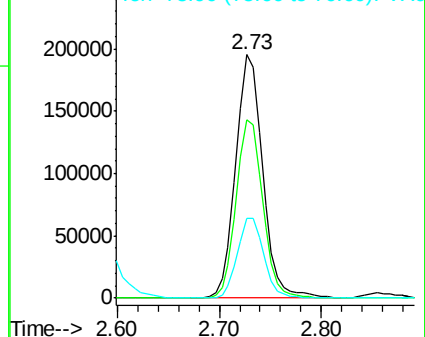
76 32.1 25.1 37.7

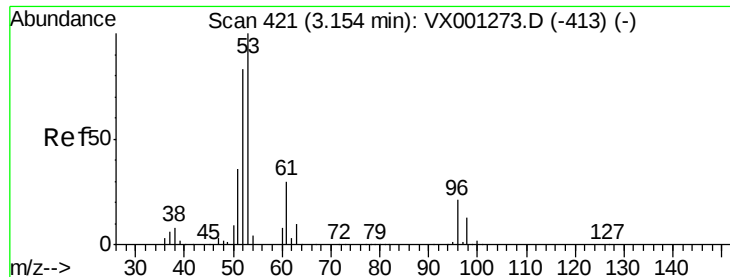


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 412.83 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

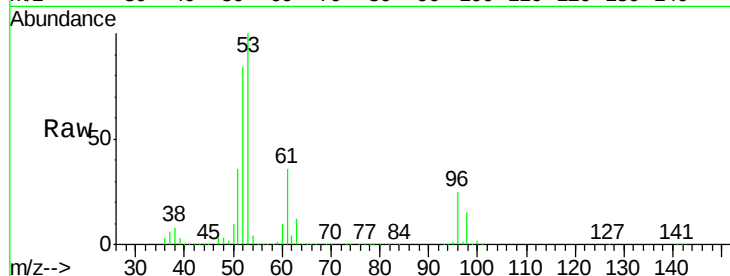
Tgt Ion: 53 Resp: 542574

Ion Ratio Lower Upper

53 100

52 83.6 67.0 100.4

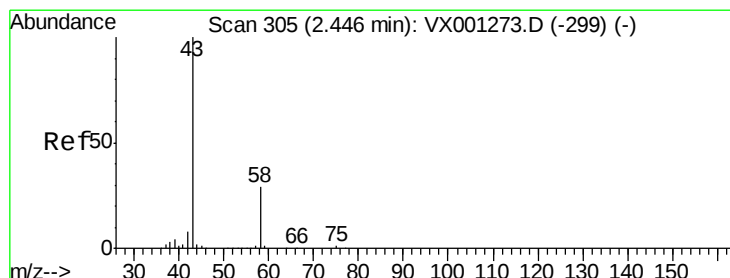
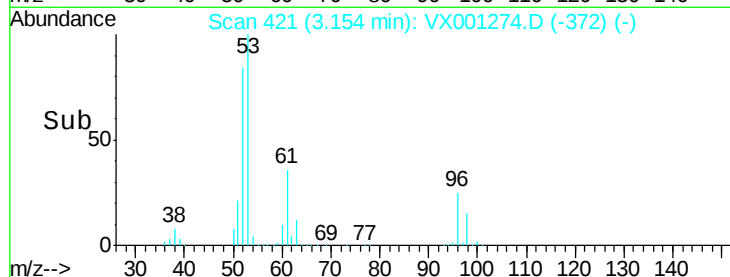
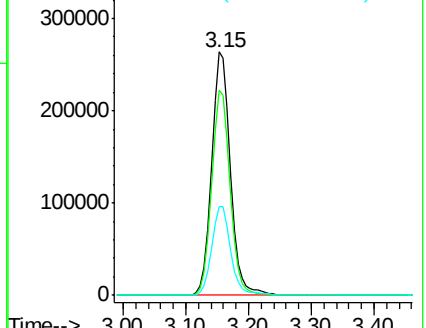
51 37.2 29.9 44.9



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: 440.55 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001274.D

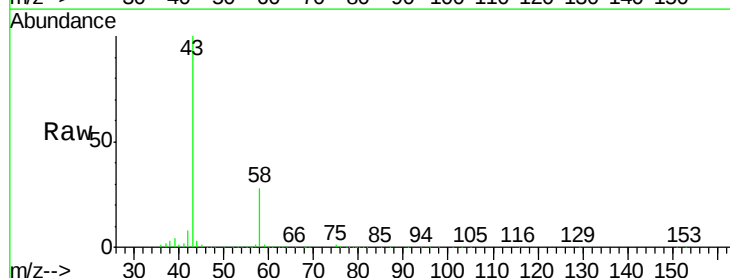
Acq: 01 May 2018 12:46

Tgt Ion: 43 Resp: 574845

Ion Ratio Lower Upper

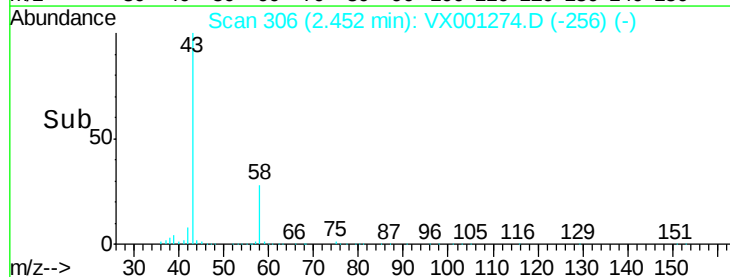
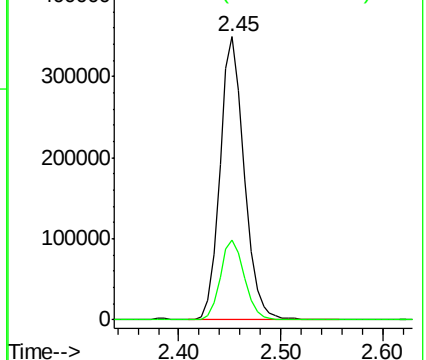
43 100

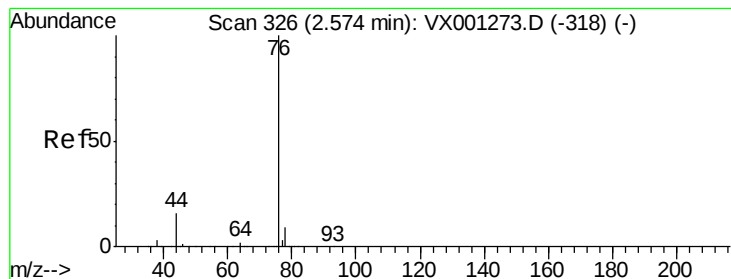
58 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 97.46 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

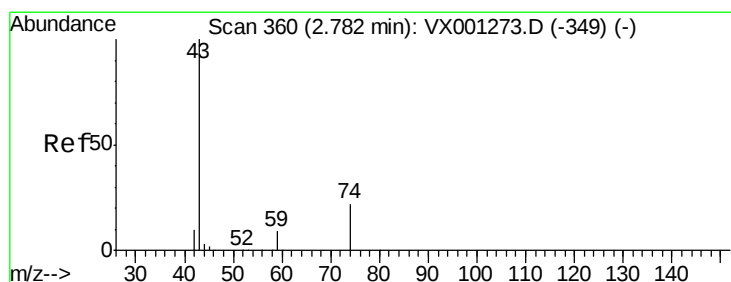
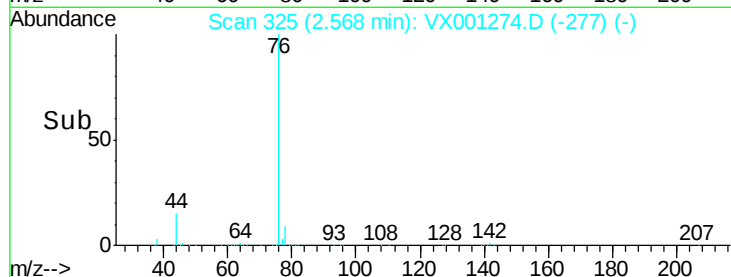
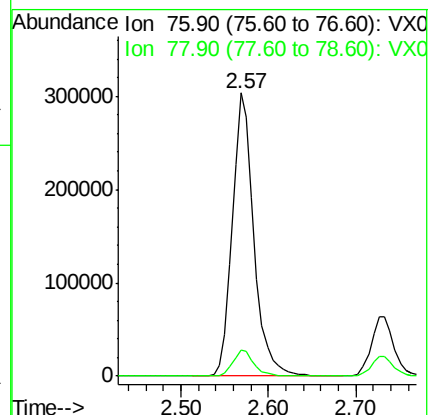
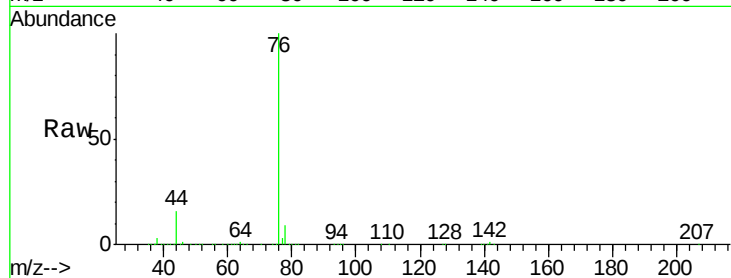
VSTDIC100

Tgt Ion: 76 Resp: 518268

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 85.96 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001274.D

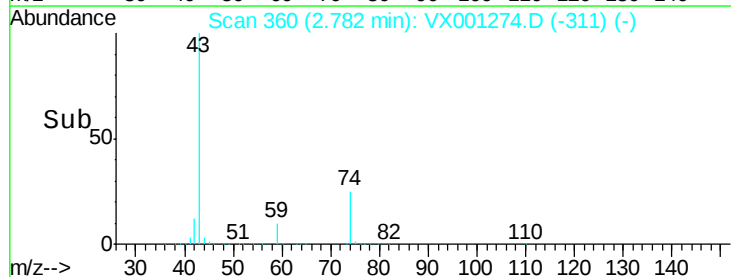
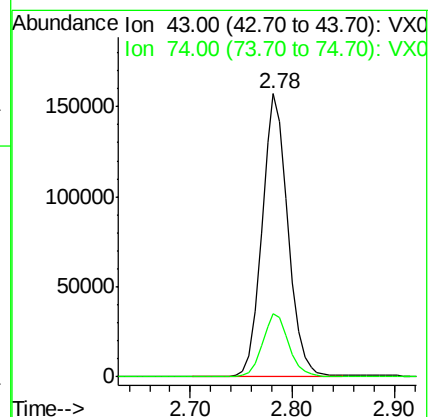
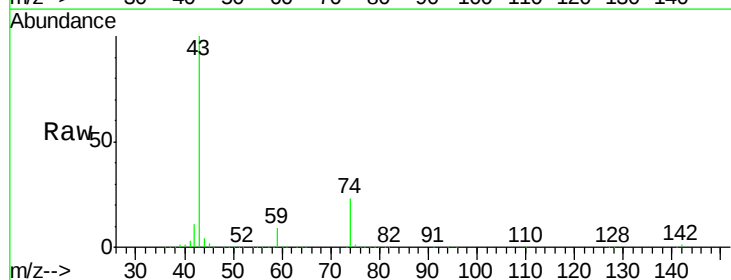
Acq: 01 May 2018 12:46

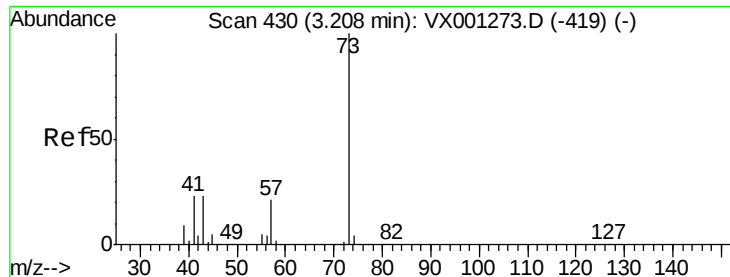
Tgt Ion: 43 Resp: 277100

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.6

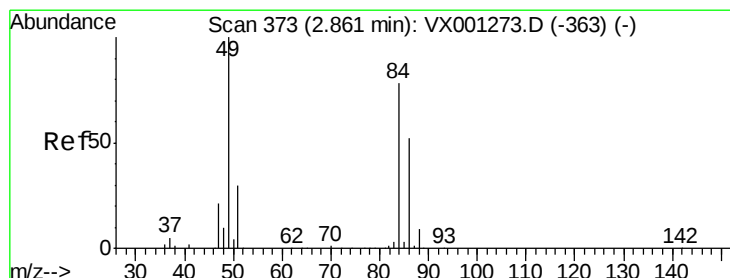
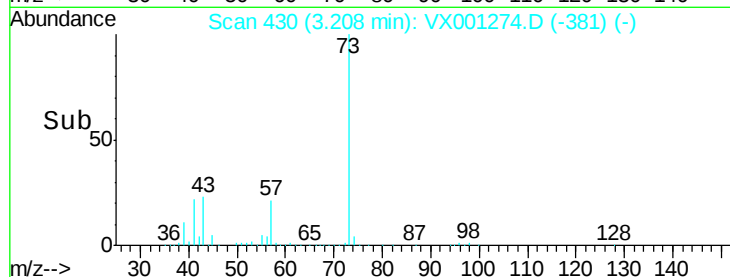
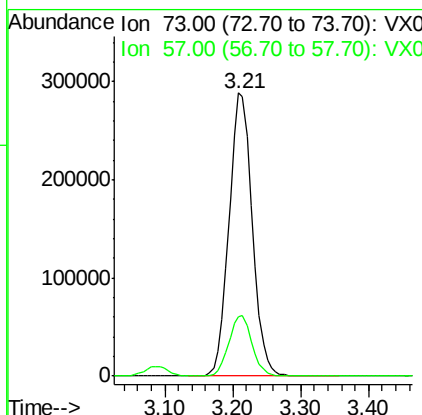
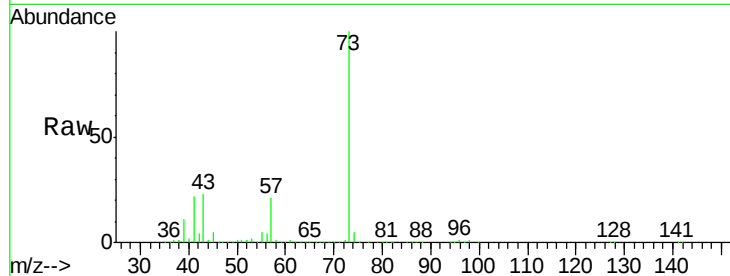




#19
Methyl tert-butyl Ether
Concen: 89.86 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

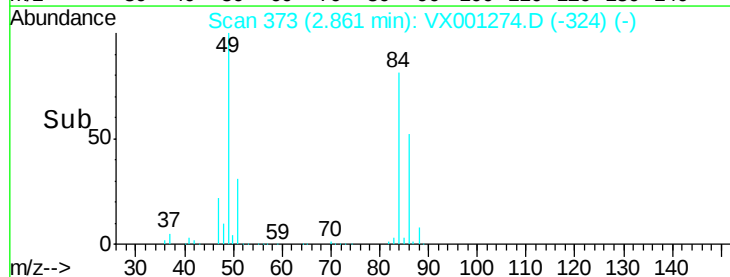
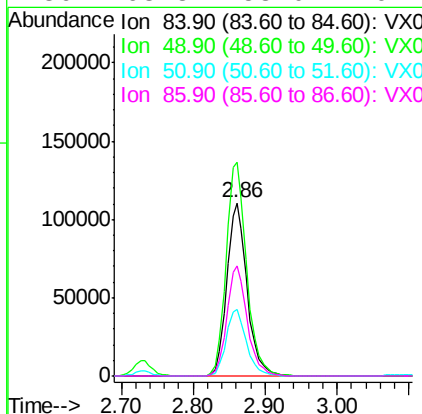
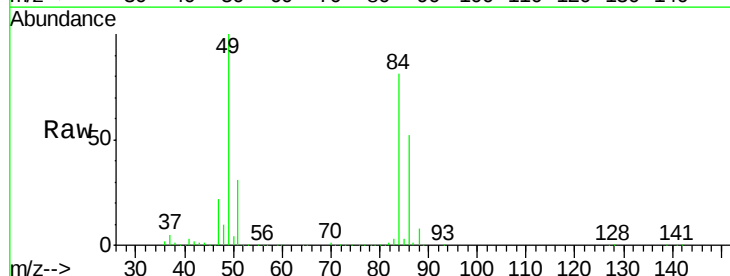
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

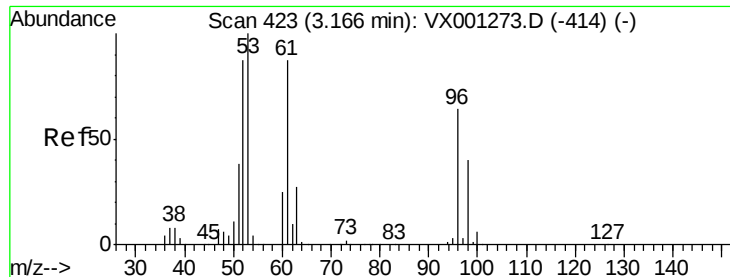
Tgt Ion: 73 Resp: 680967
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2



#20
Methylene Chloride
Concen: 88.23 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 84 Resp: 215215
Ion Ratio Lower Upper
84 100
49 123.4 102.8 154.2
51 38.3 30.9 46.3
86 63.8 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 90.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

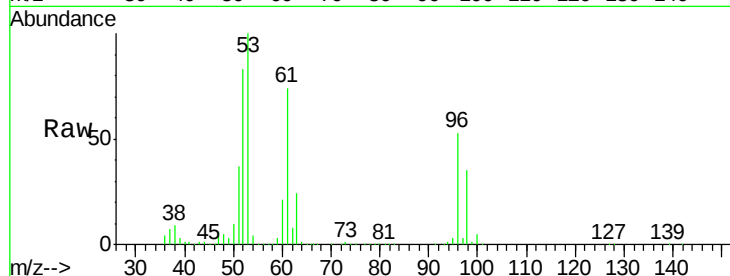
Tgt Ion: 96 Resp: 208921

Ion Ratio Lower Upper

96 100

61 138.3 108.6 162.8

98 64.6 49.7 74.5

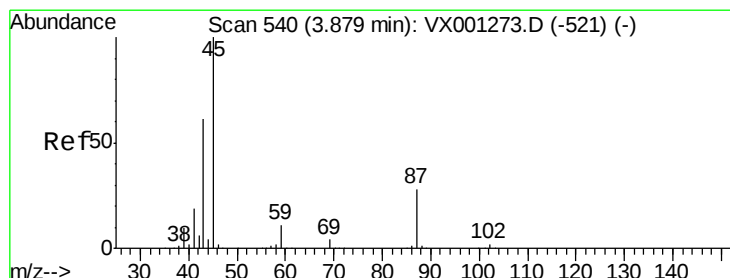
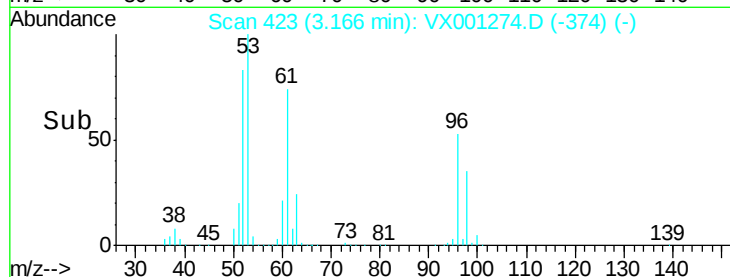
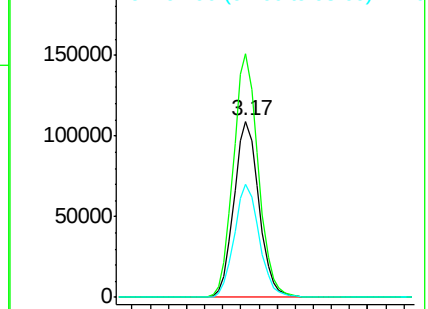


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 92.40 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Tgt Ion: 45 Resp: 691966

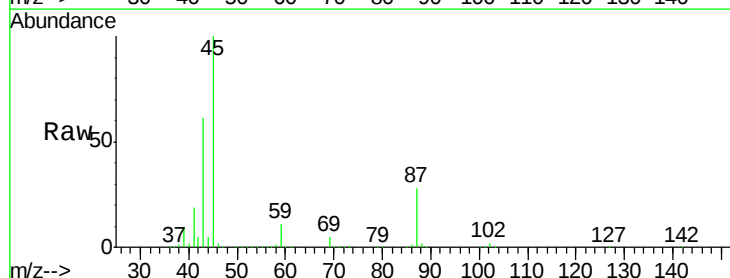
Ion Ratio Lower Upper

45 100

43 60.6 48.7 73.1

87 28.1 22.2 33.4

59 11.2 9.1 13.7



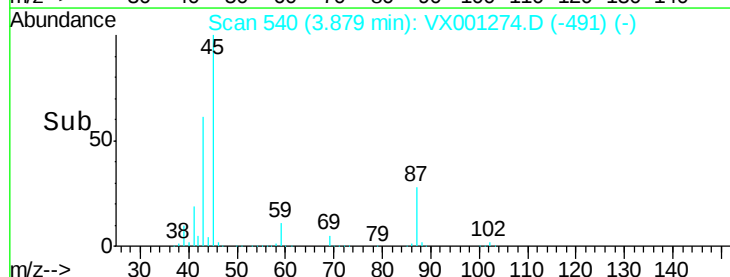
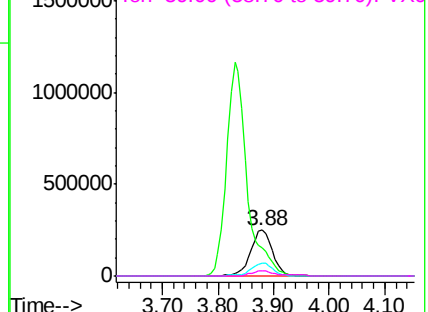
Abundance

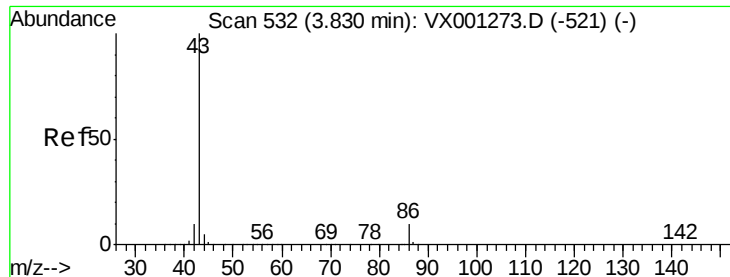
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 469.91 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

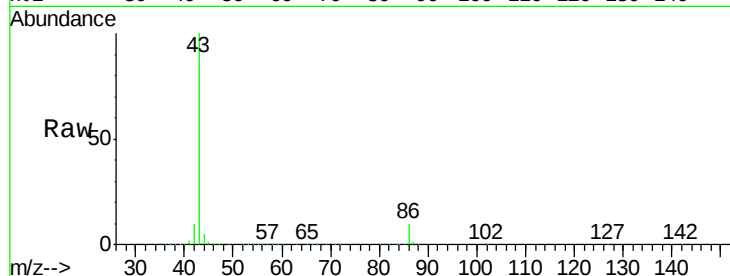
VSTDIC100

Tgt Ion: 43 Resp: 2973683

Ion Ratio Lower Upper

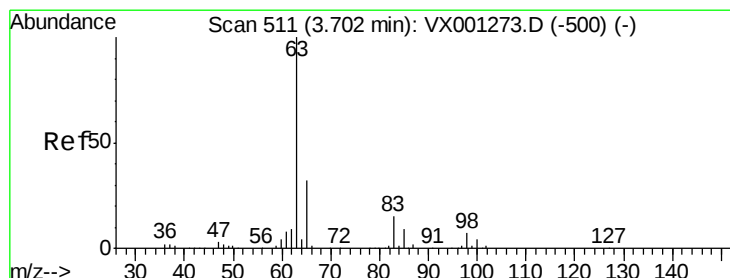
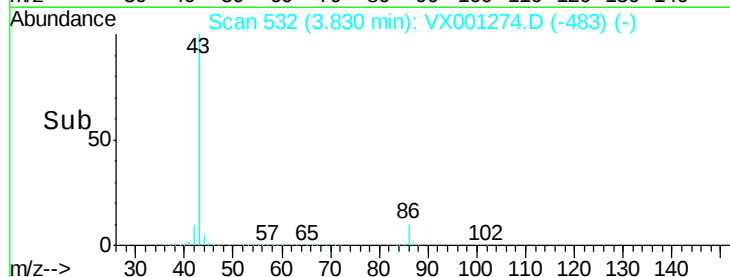
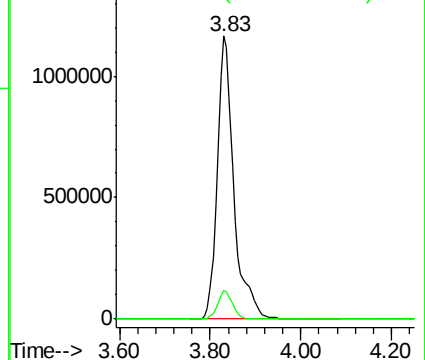
43 100

86 9.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 86.91 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

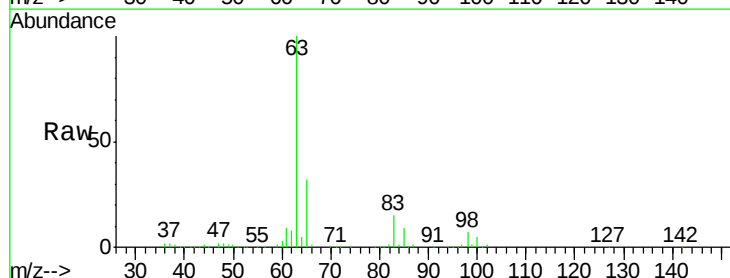
Tgt Ion: 63 Resp: 346049

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

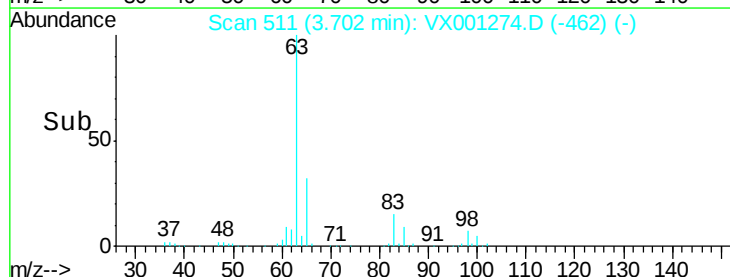
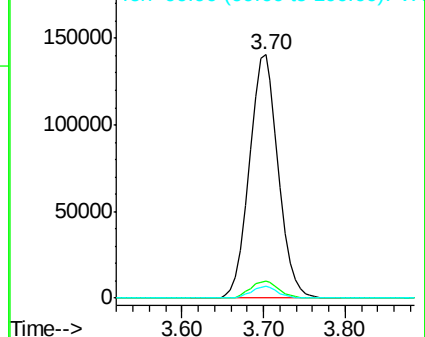
100 5.1 2.3 6.8

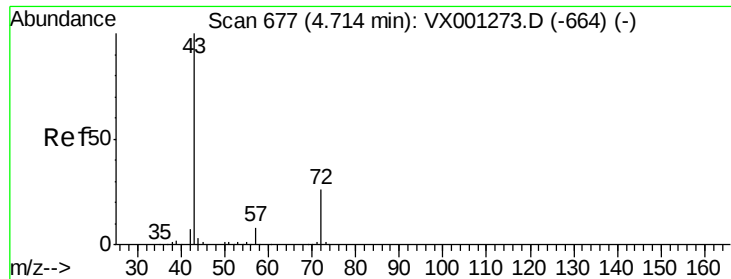


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 409.66 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

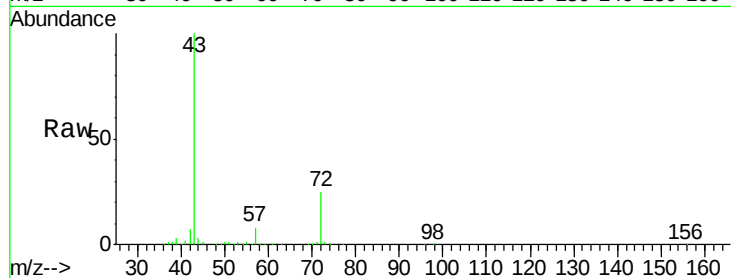
VSTDIC100

Tgt Ion: 43 Resp: 786123

Ion Ratio Lower Upper

43 100

72 24.8 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

300000

250000

200000

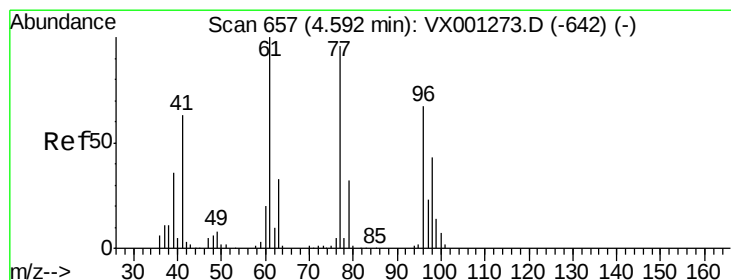
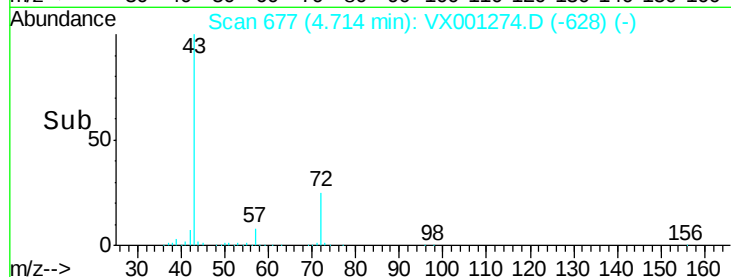
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 101.11 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001274.D

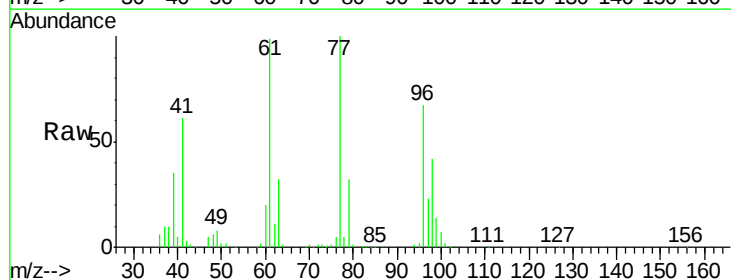
Acq: 01 May 2018 12:46

Tgt Ion: 77 Resp: 318768

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

120000

100000

80000

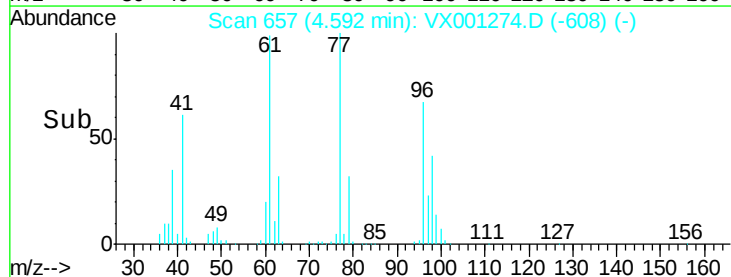
60000

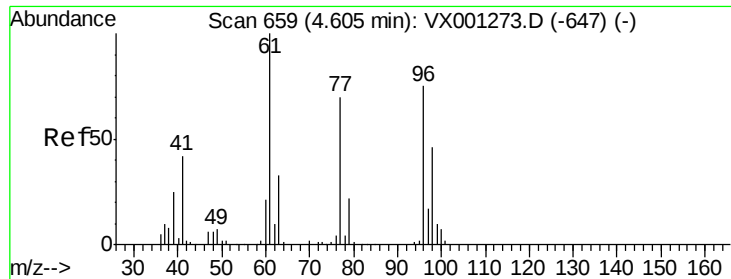
40000

20000

0

Time-->



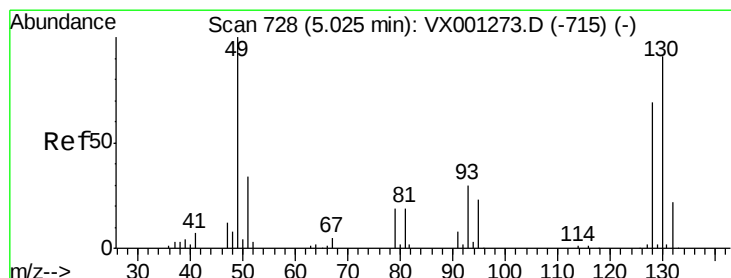
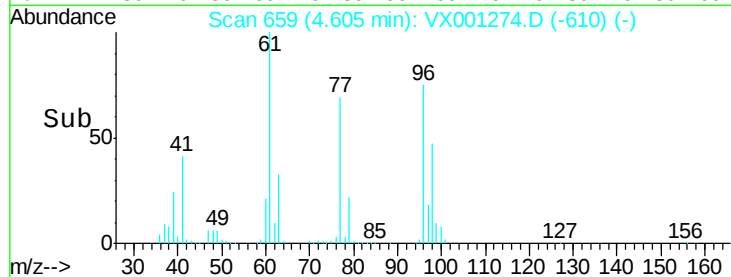
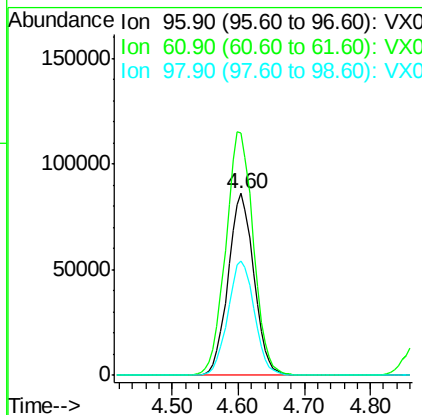
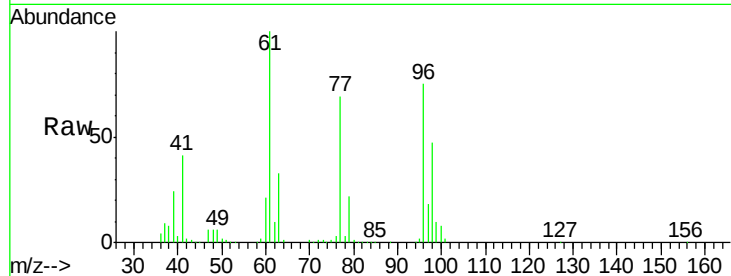


#27

cis-1,2-Dichloroethene
 Concen: 92.96 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

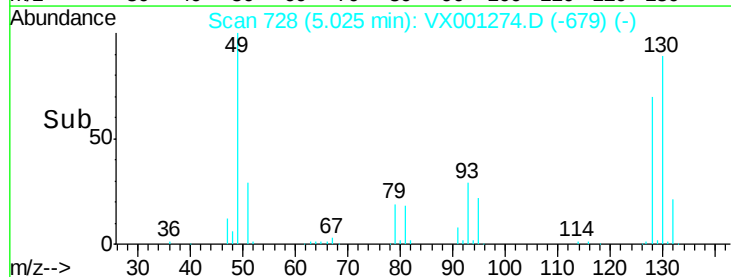
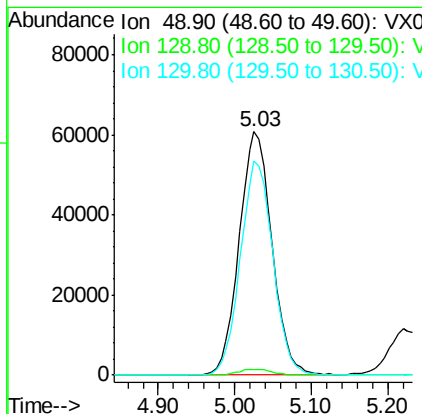
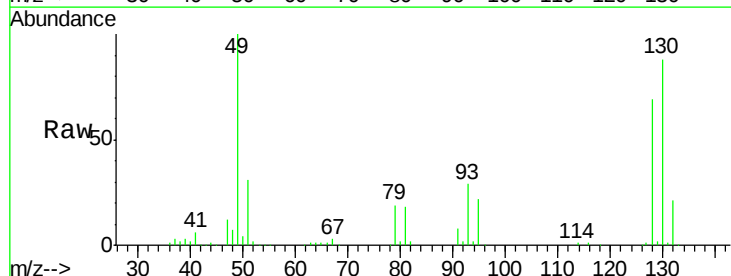
Tgt Ion: 96 Resp: 232460
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 288.0
 98 64.5 0.0 130.2

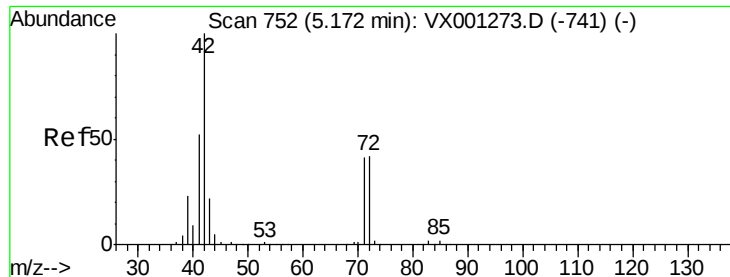


#28

Bromochloromethane
 Concen: 101.21 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion: 49 Resp: 180972
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 87.5 70.4 105.6

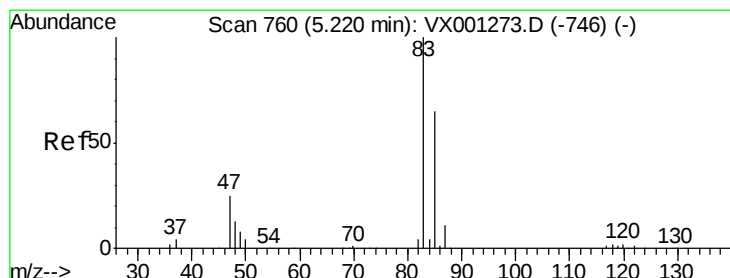
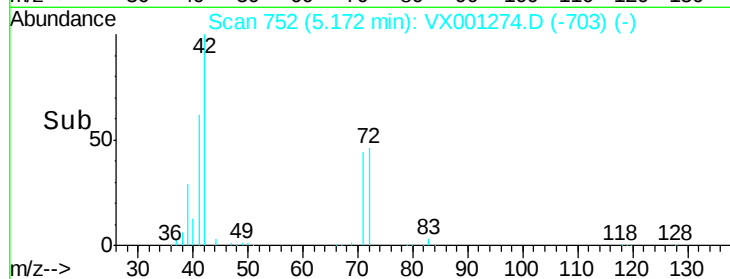
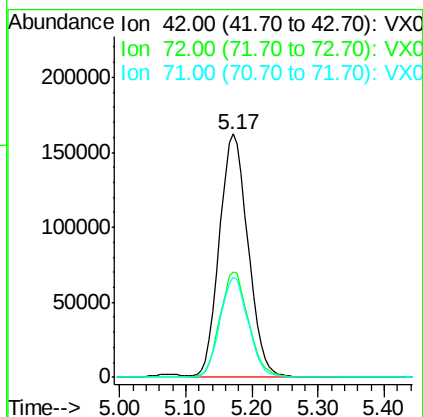
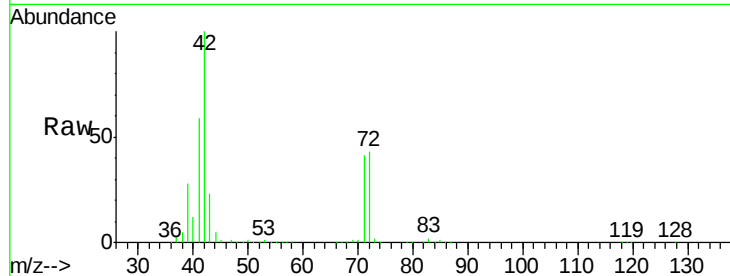




#29
Tetrahydrofuran
Concen: 396.29 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

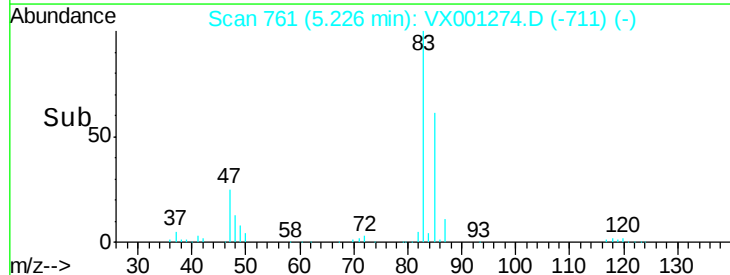
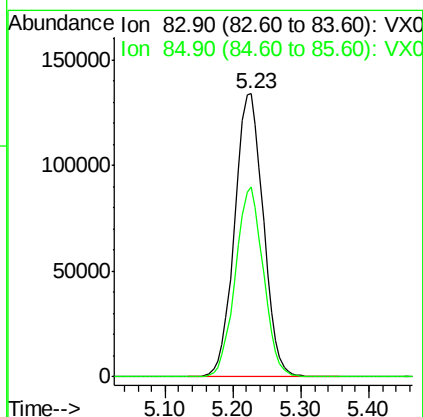
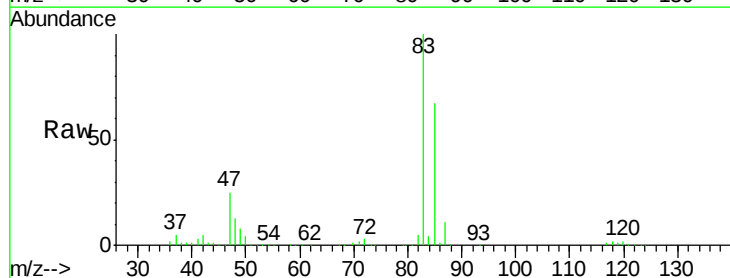
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

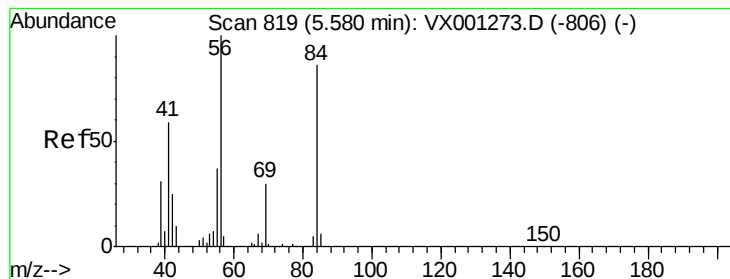
Tgt Ion: 42 Resp: 486090
Ion Ratio Lower Upper
42 100
72 43.4 34.6 52.0
71 40.7 32.7 49.1



#30
Chloroform
Concen: 93.03 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 83 Resp: 392048
Ion Ratio Lower Upper
83 100
85 67.0 52.2 78.2





#31

Cyclohexane

Concen: 96.40 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

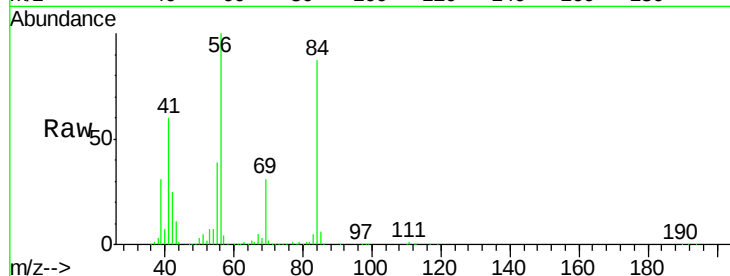
Tgt Ion: 56 Resp: 329475

Ion Ratio Lower Upper

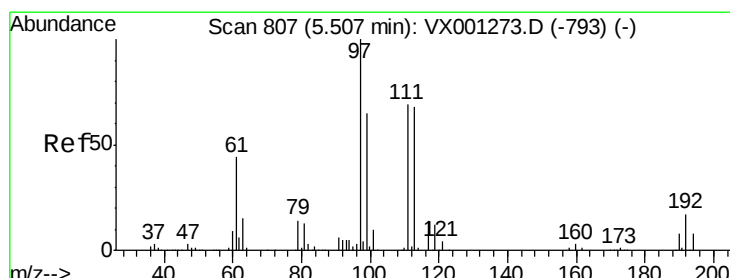
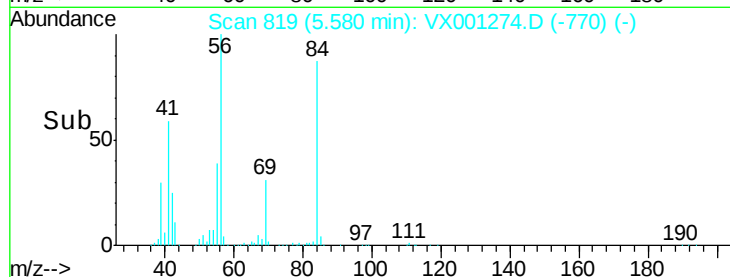
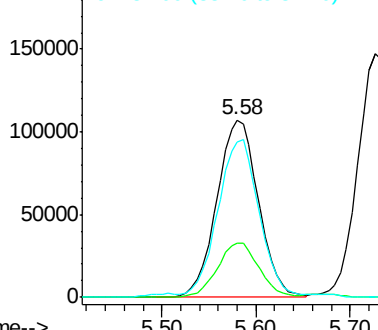
56 100

69 30.6 24.0 36.0

84 86.0 69.0 103.4



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: 99.11 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

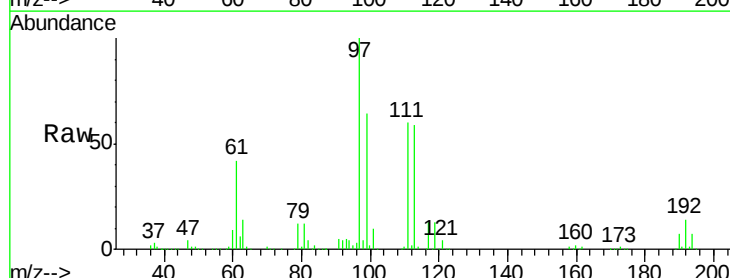
Tgt Ion: 97 Resp: 362126

Ion Ratio Lower Upper

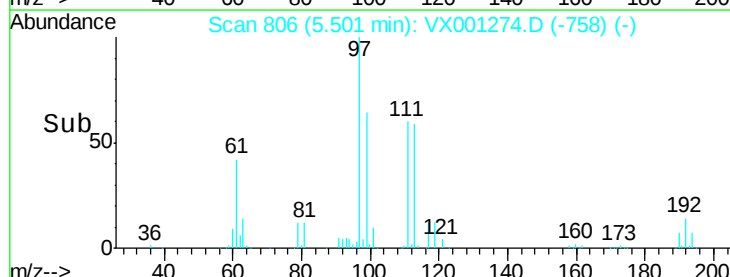
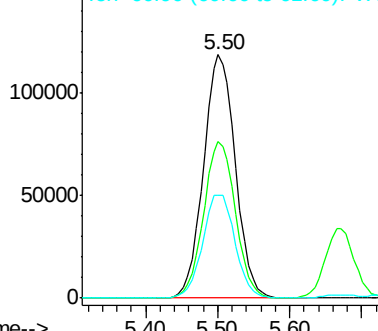
97 100

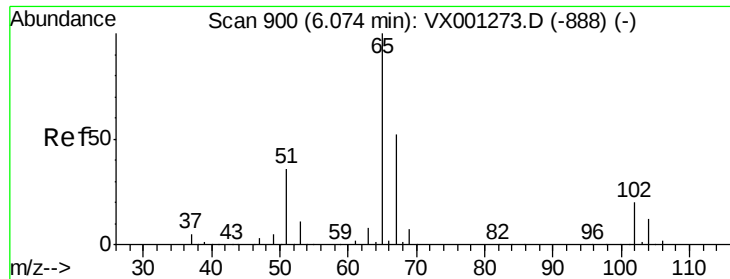
99 64.5 51.8 77.6

61 43.6 35.4 53.2



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: 84.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

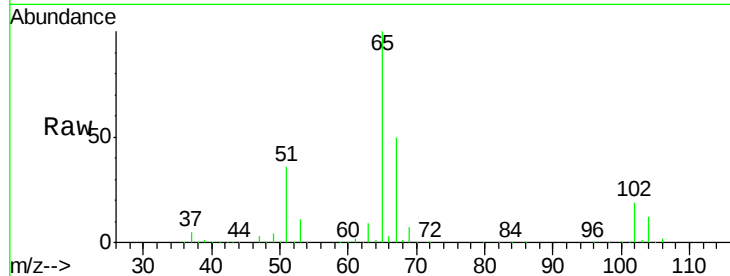
VSTDIC100

Tgt Ion: 65 Resp: 267175

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

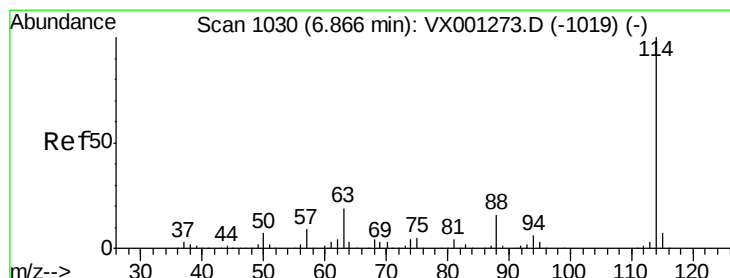
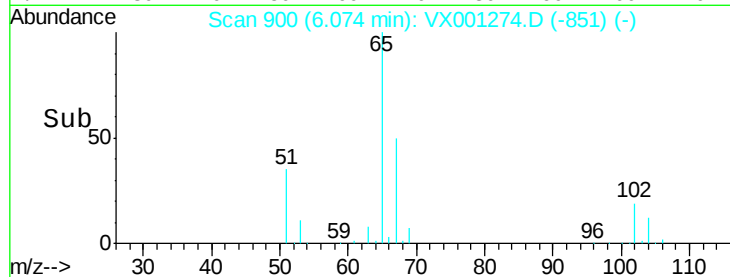
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

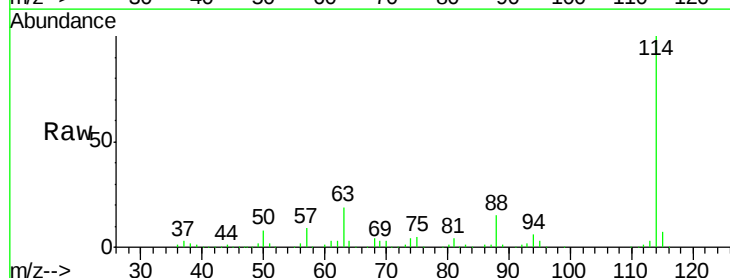
Tgt Ion: 114 Resp: 270377

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 14.8 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

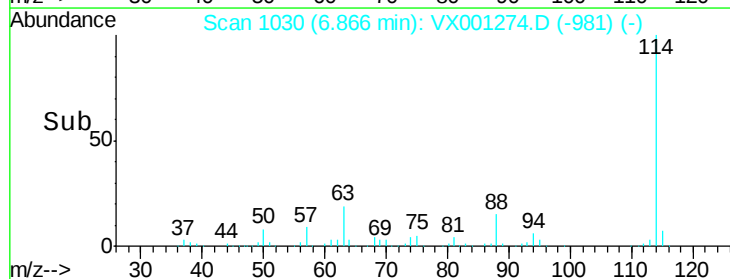
150000

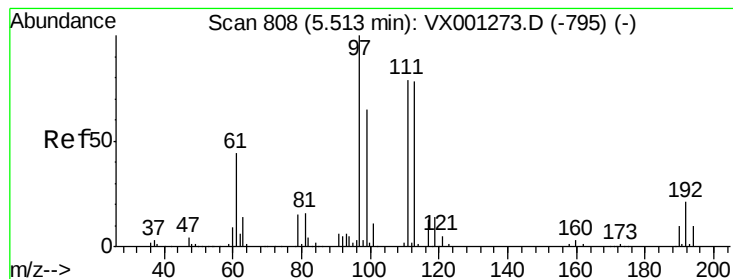
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 100.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

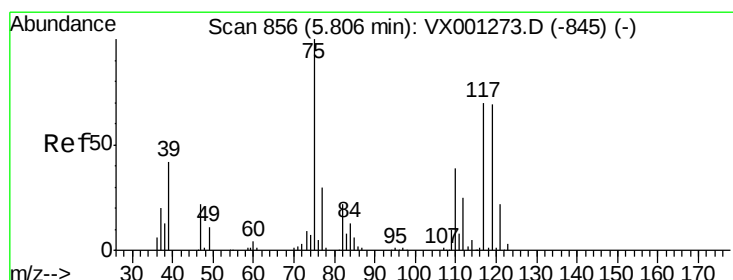
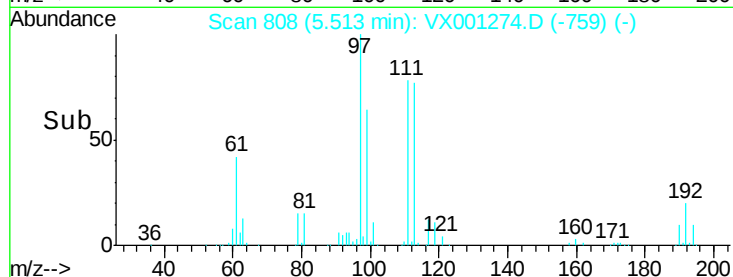
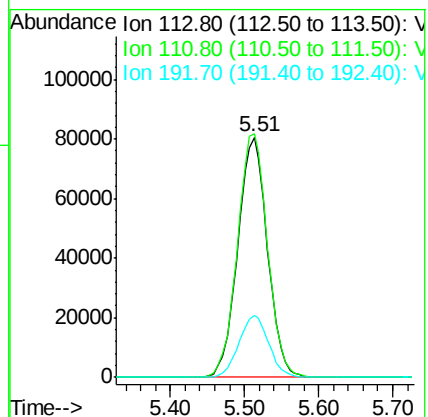
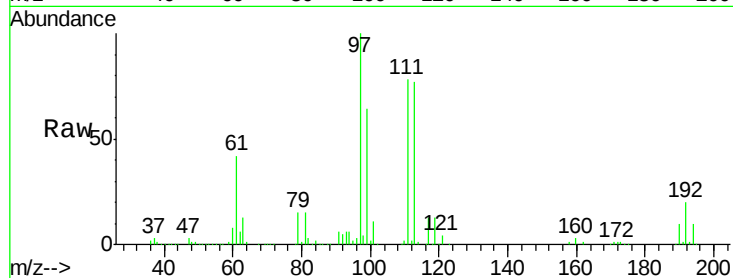
Tgt Ion:113 Resp: 225322

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 25.9 20.7 31.1



#36

1,1-Dichloropropene

Concen: 97.54 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

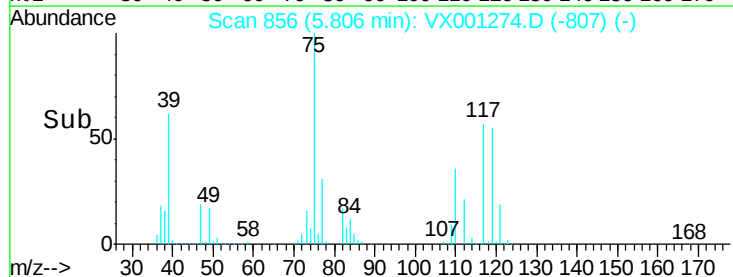
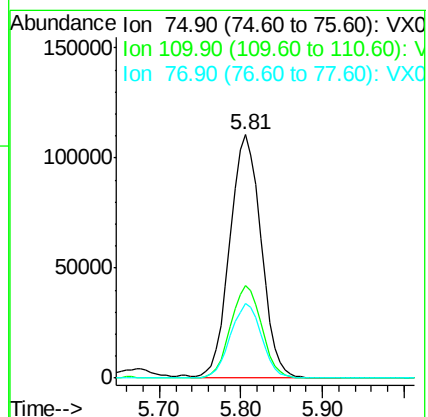
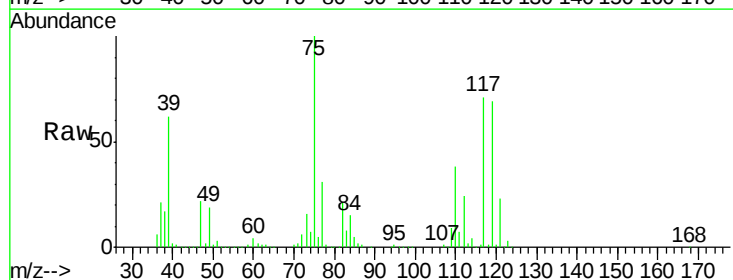
Tgt Ion: 75 Resp: 293323

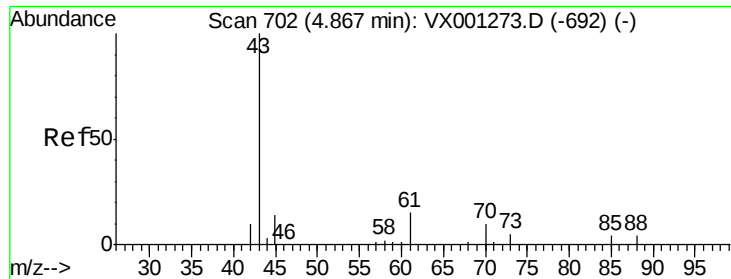
Ion Ratio Lower Upper

75 100

110 37.7 18.9 56.9

77 30.6 24.2 36.2

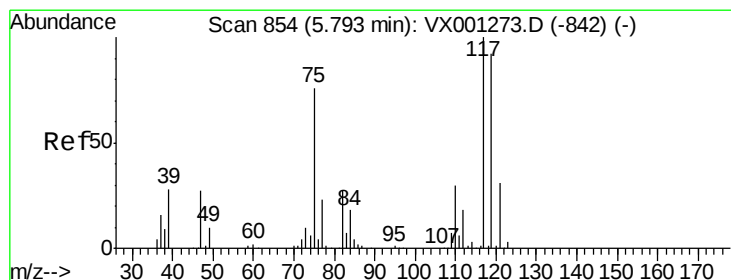
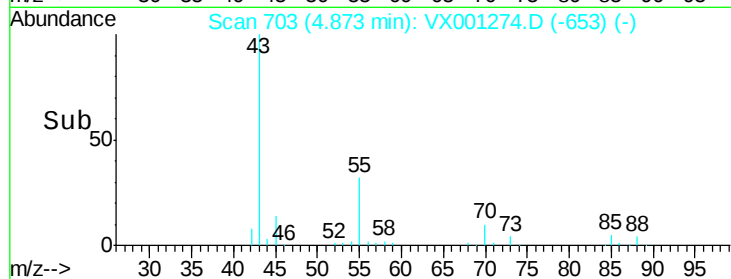
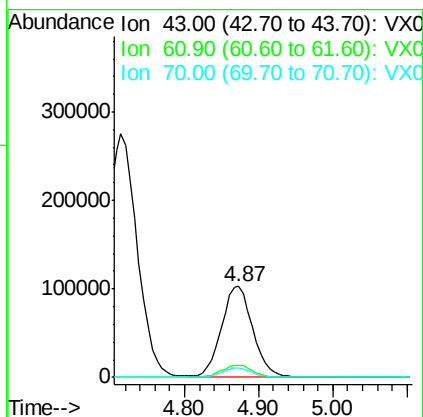
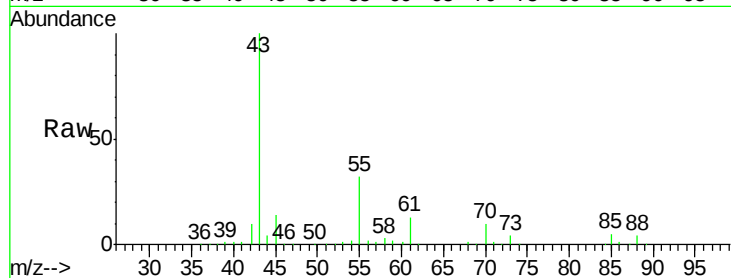




#37
Ethyl Acetate
Concen: 85.86 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

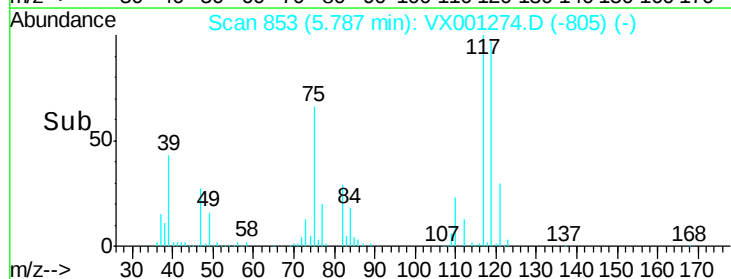
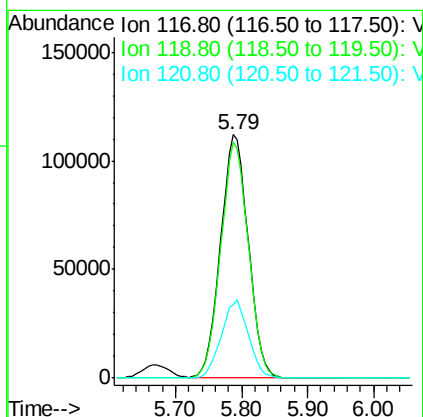
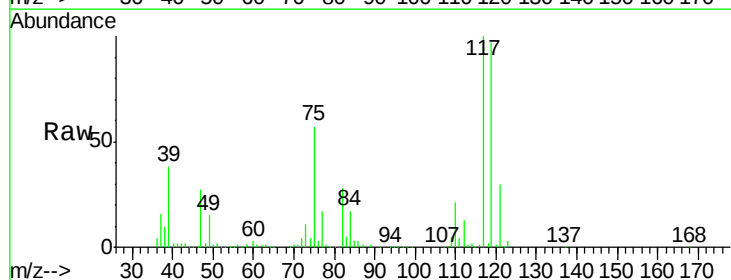
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

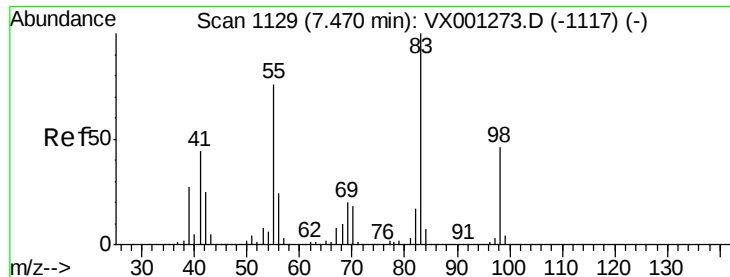
Tgt Ion: 43 Resp: 301038
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 9.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 105.08 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 117 Resp: 325383
Ion Ratio Lower Upper
117 100
119 96.8 73.4 110.2
121 30.4 25.0 37.4

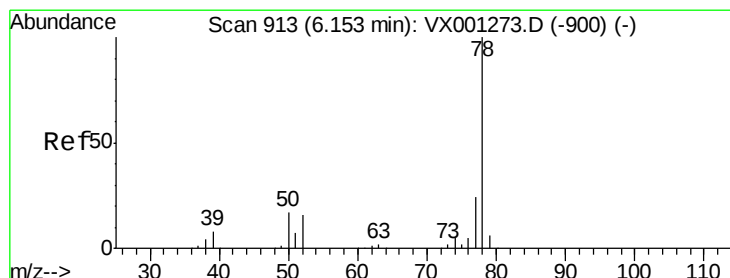
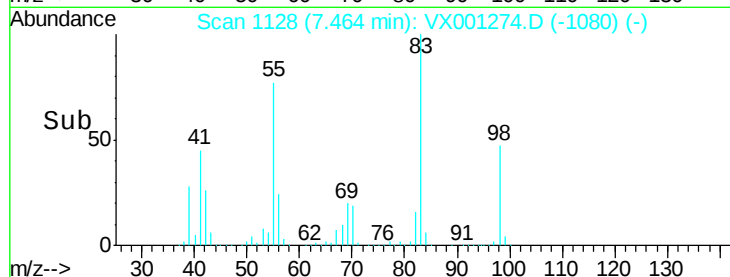
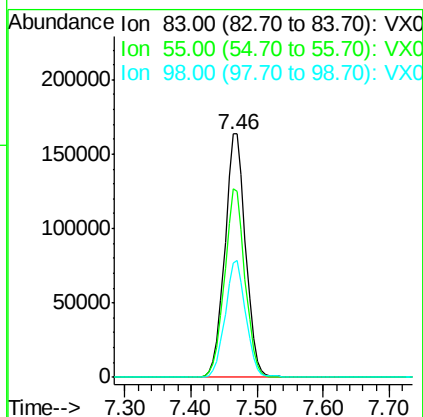
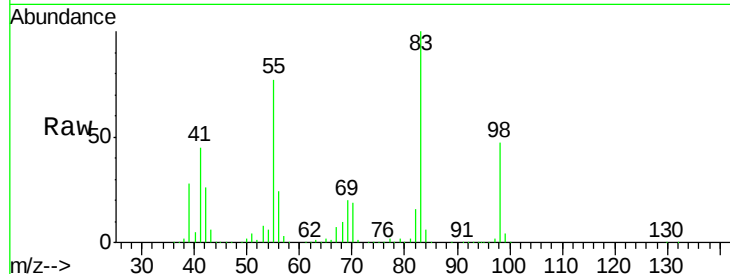




#39
Methylcyclohexane
Concen: 105.80 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

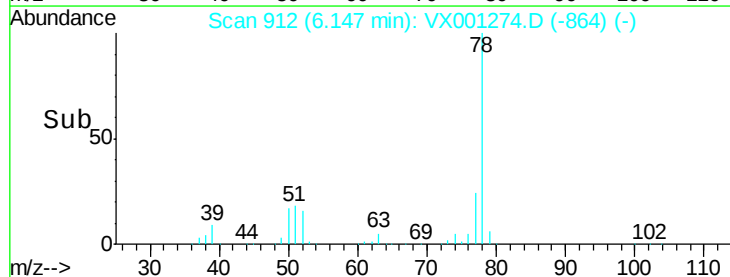
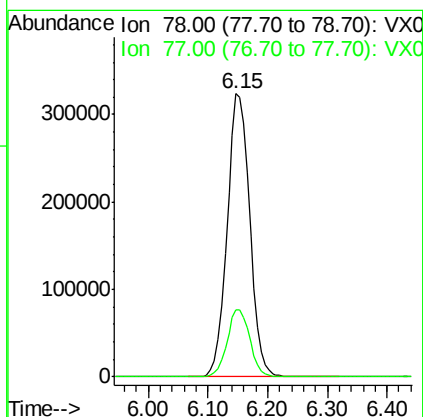
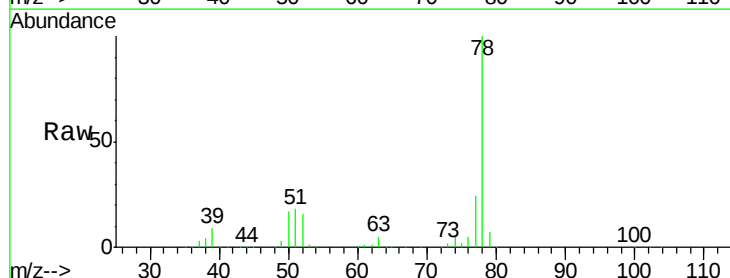
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

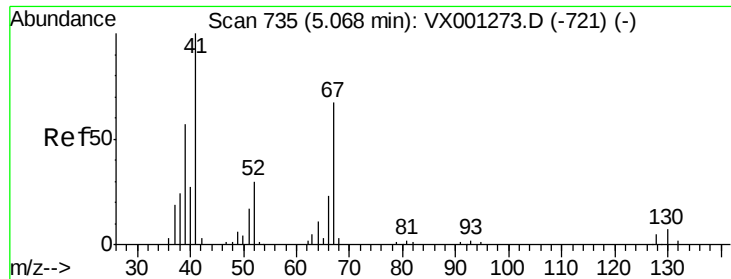
Tgt Ion: 83 Resp: 356865
Ion Ratio Lower Upper
83 100
55 77.2 60.4 90.6
98 47.2 37.0 55.6



#40
Benzene
Concen: 98.46 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 78 Resp: 852755
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

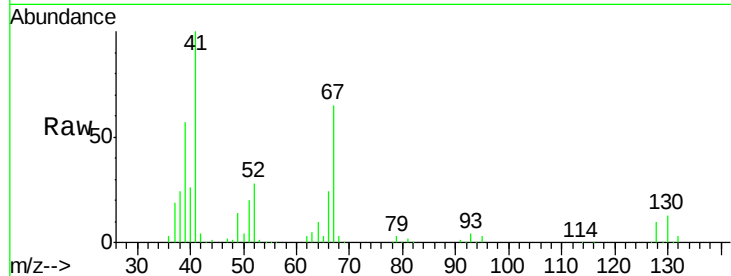




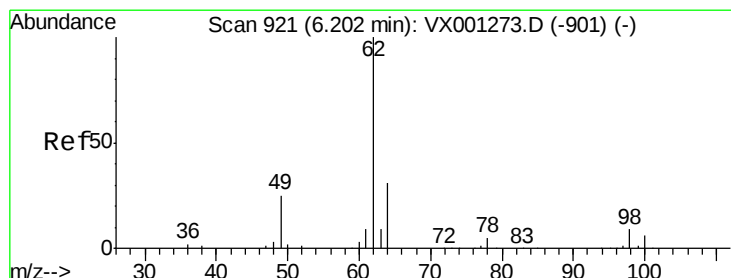
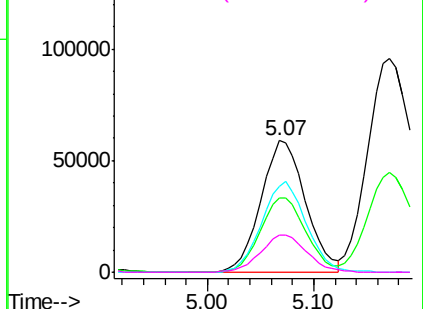
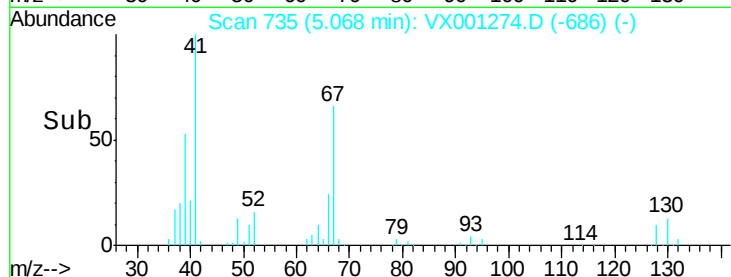
#41
Methacrylonitrile
Concen: 87.74 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tgt Ion:	41	Resp:	172804
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.8	68.8
67	68.6	54.8	82.2
52	28.9	24.6	37.0

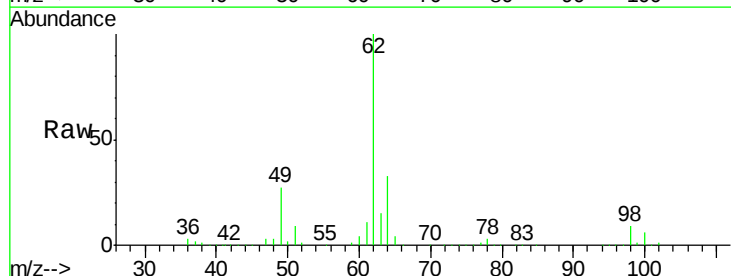


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

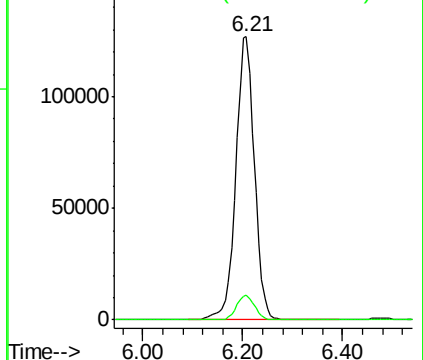
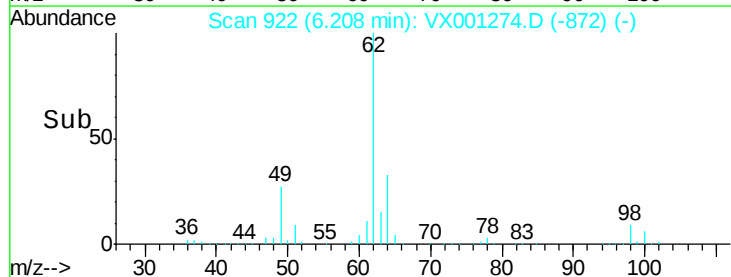


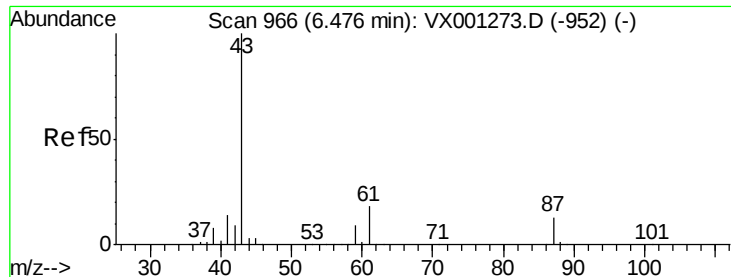
#42
1,2-Dichloroethane
Concen: 95.07 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion:	62	Resp:	328473
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 92.83 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

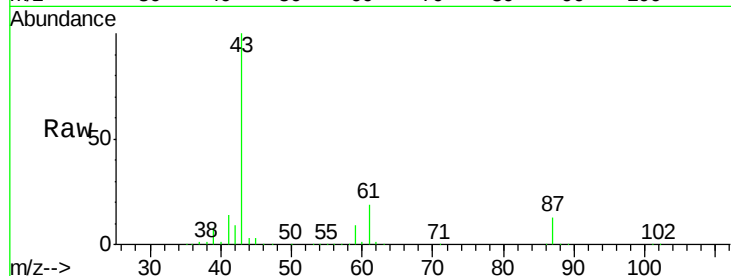
Tgt Ion: 43 Resp: 513705

Ion Ratio Lower Upper

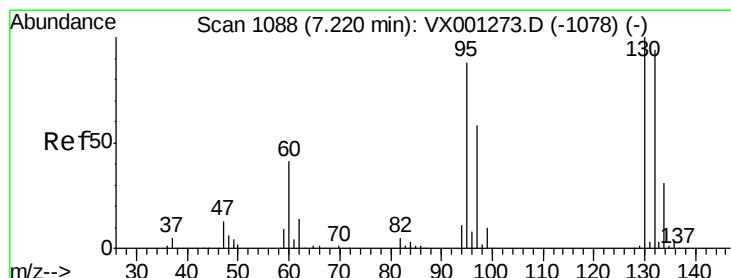
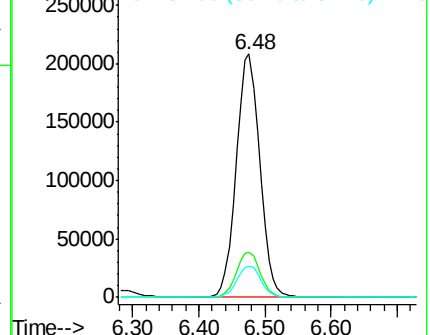
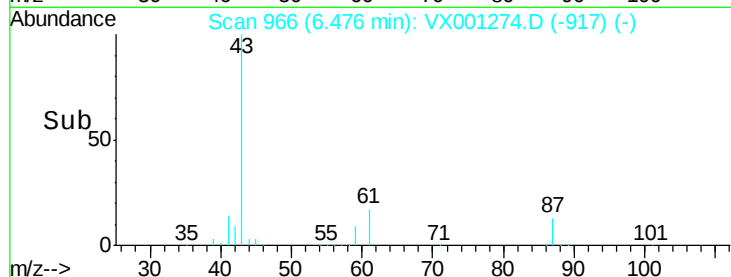
43 100

61 18.9 15.0 22.4

87 13.0 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VX001274.D (-917) (-)



#44

Trichloroethene

Concen: 99.21 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001274.D

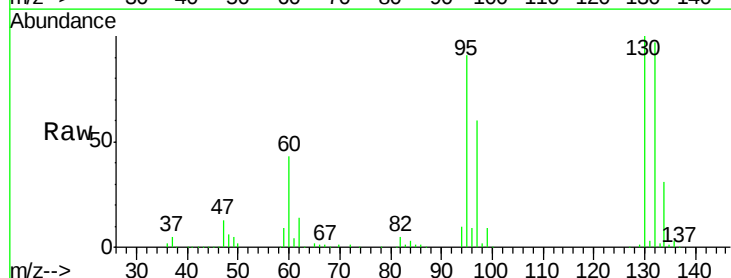
Acq: 01 May 2018 12:46

Tgt Ion: 130 Resp: 257125

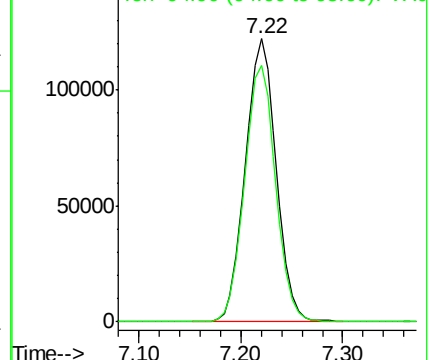
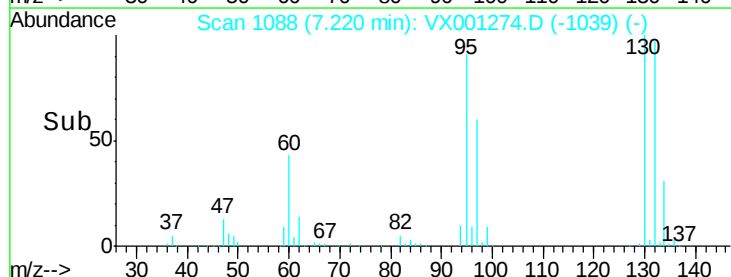
Ion Ratio Lower Upper

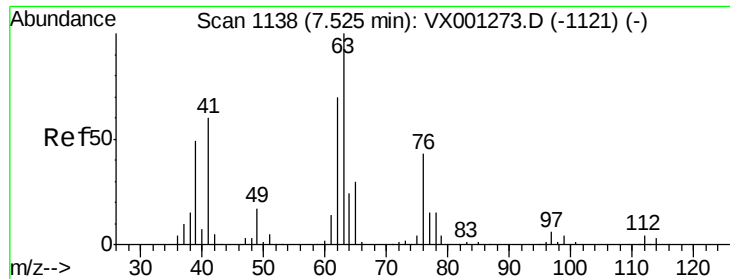
130 100

95 90.6 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): VX001274.D (-1039) (-)

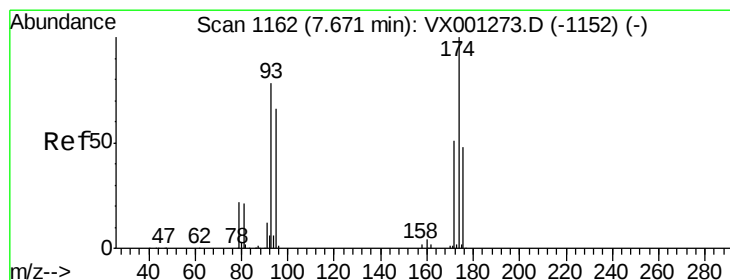
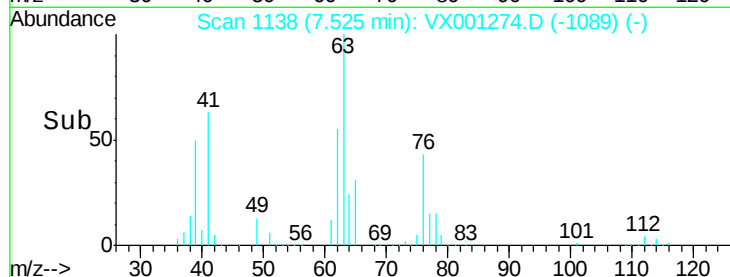
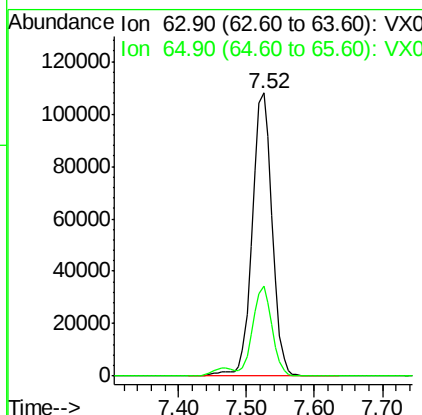
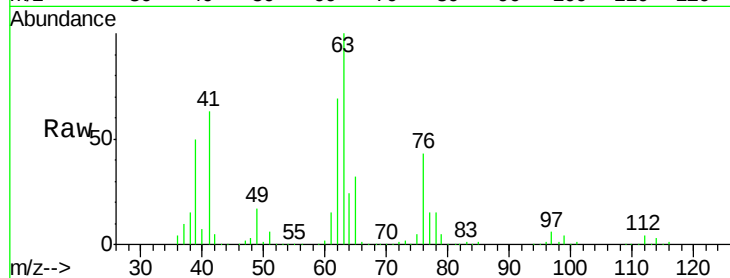




#45
 1,2-Dichloropropane
 Concen: 97.25 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

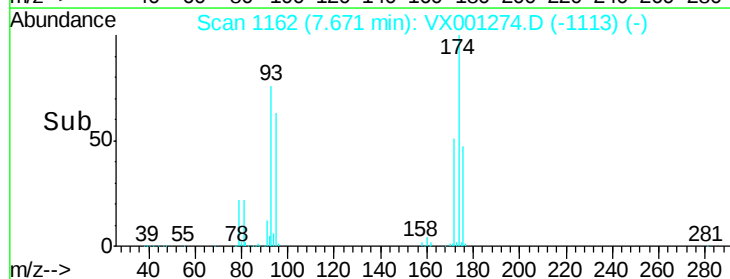
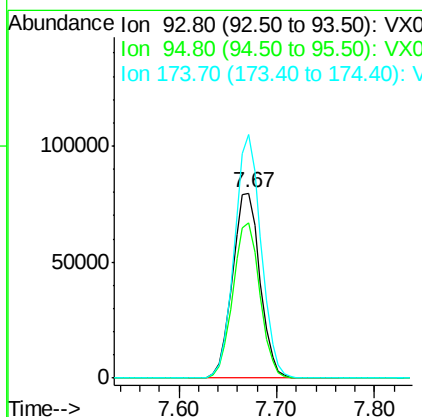
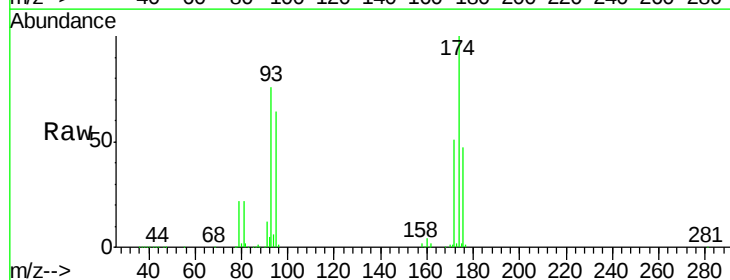
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

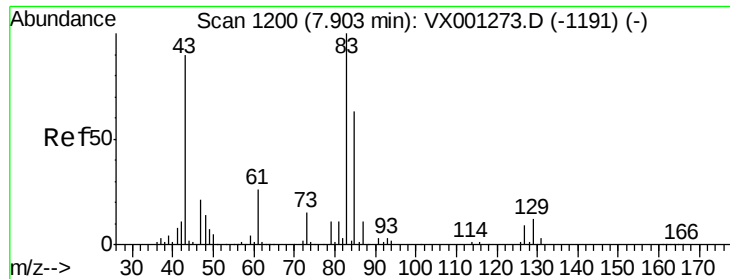
Tgt Ion: 63 Resp: 220523
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.2 36.4



#46
 Dibromomethane
 Concen: 99.39 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion: 93 Resp: 155970
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.6
 174 127.0 102.3 153.5





#47

Bromodichloromethane

Concen: 106.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

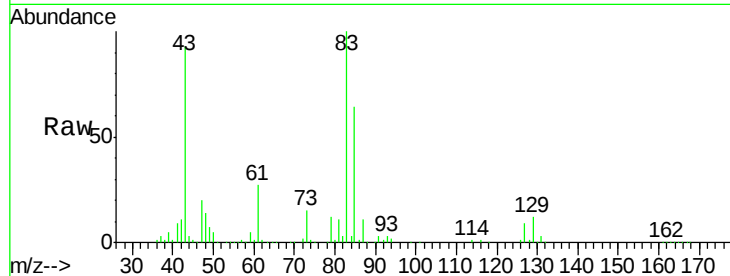
Tgt Ion: 83 Resp: 304765

Ion Ratio Lower Upper

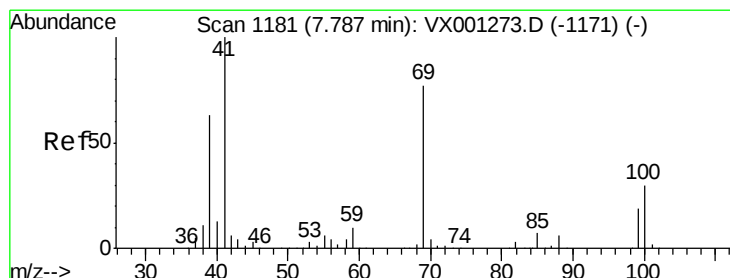
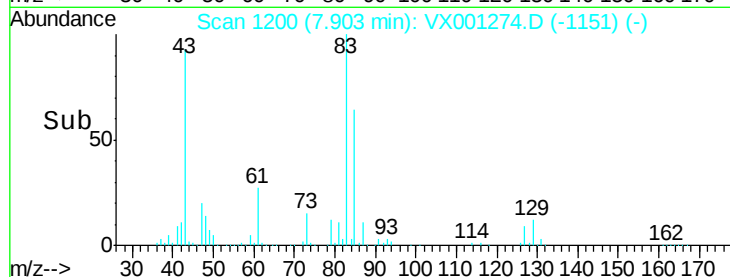
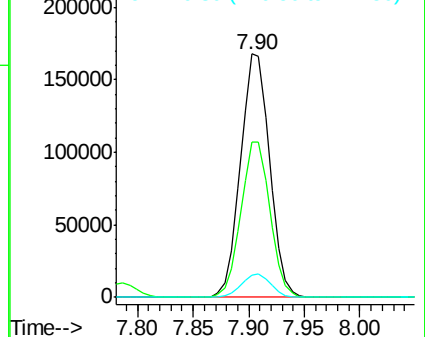
83 100

85 64.0 50.3 75.5

127 9.2 7.4 11.2



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: 93.36 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

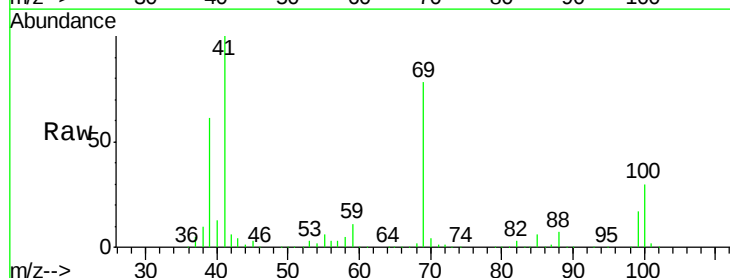
Tgt Ion: 41 Resp: 274223

Ion Ratio Lower Upper

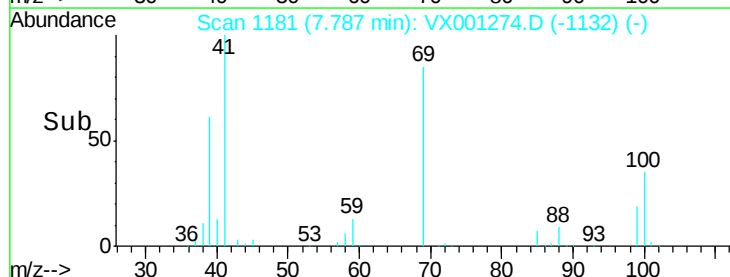
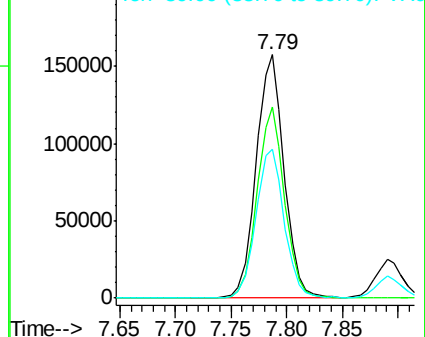
41 100

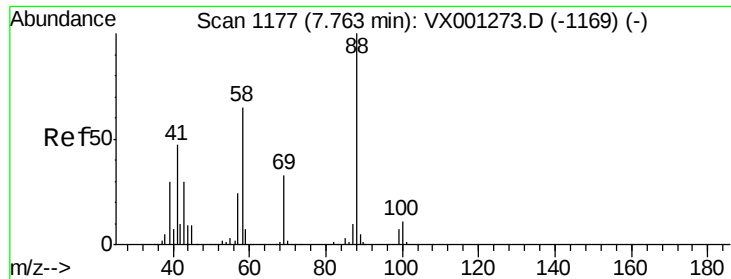
69 77.5 63.0 94.6

39 62.1 50.2 75.4



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

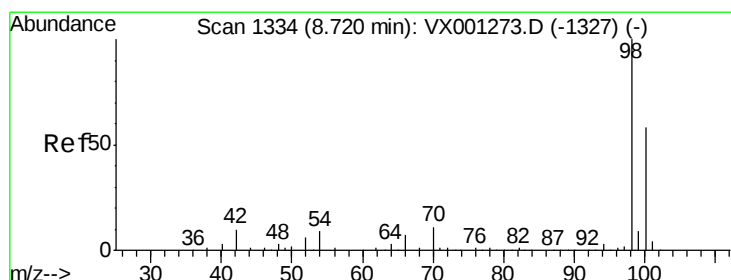
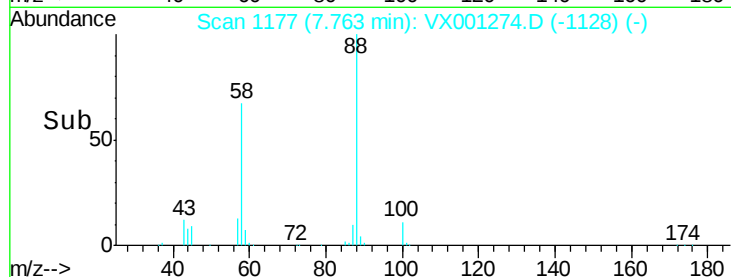
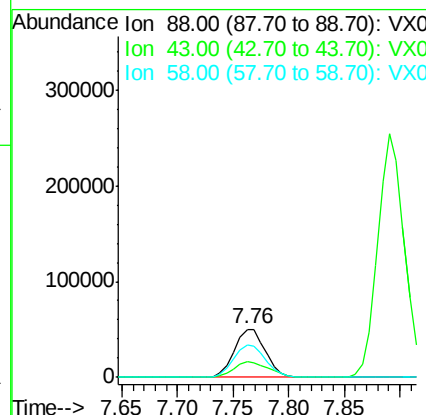
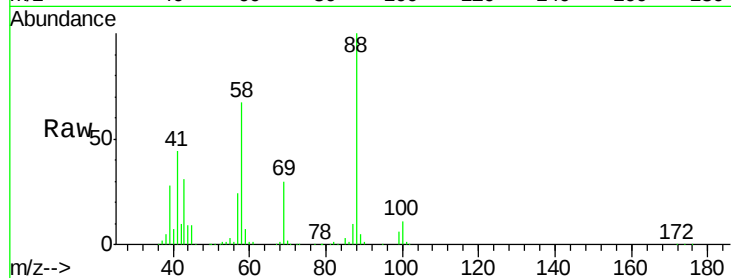




#49
1,4-Dioxane
Concen: 1684.46 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

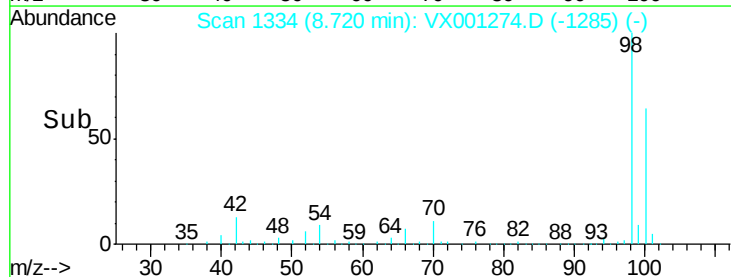
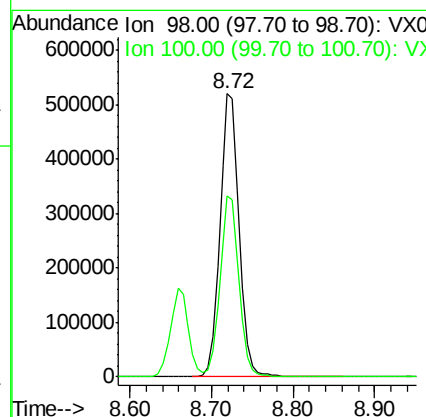
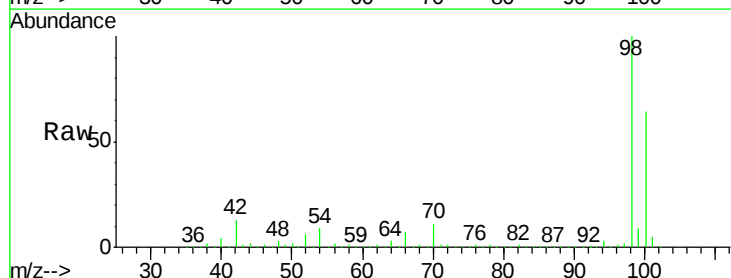
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

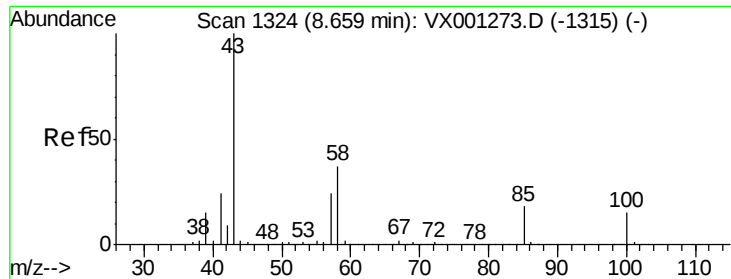
Tgt Ion: 88 Resp: 97907
Ion Ratio Lower Upper
88 100
43 35.4 27.9 41.9
58 68.6 54.2 81.2



#50
Toluene-d8
Concen: 100.45 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 98 Resp: 854630
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 467.69 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

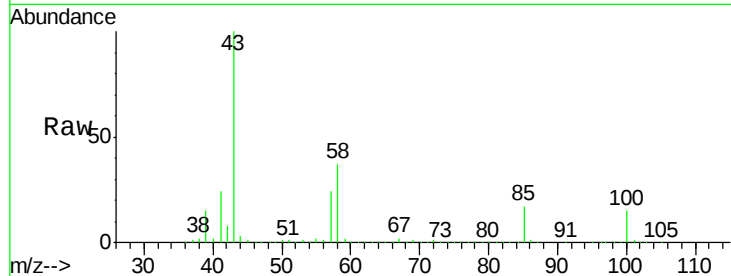
VSTDIC100

Tgt Ion: 43 Resp: 1695673

Ion Ratio Lower Upper

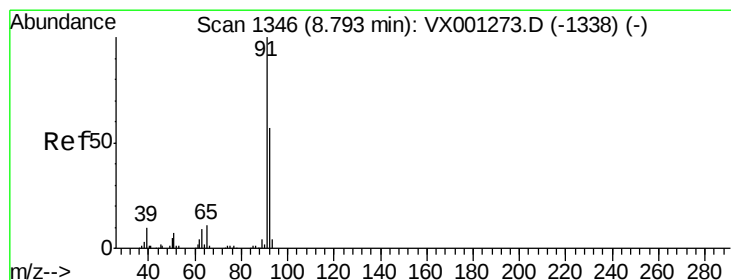
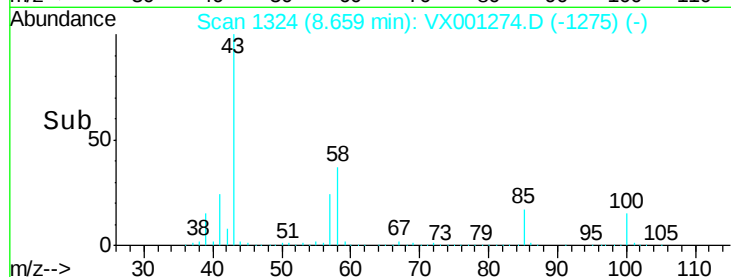
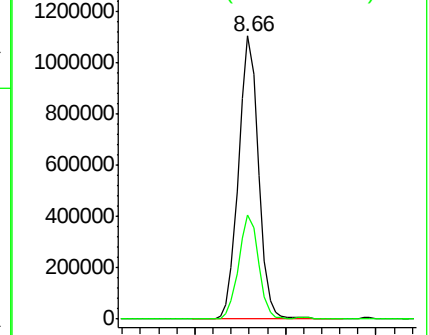
43 100

58 36.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 101.93 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001274.D

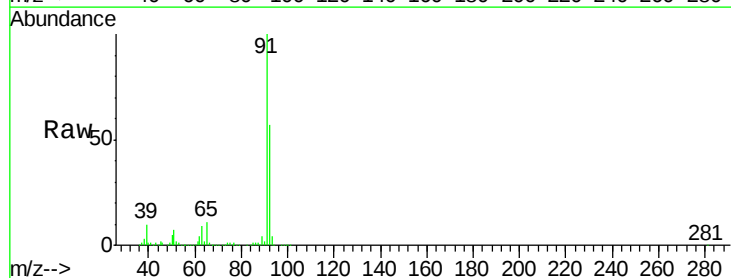
Acq: 01 May 2018 12:46

Tgt Ion: 92 Resp: 578253

Ion Ratio Lower Upper

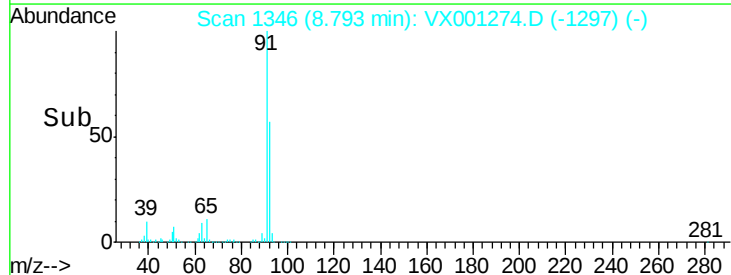
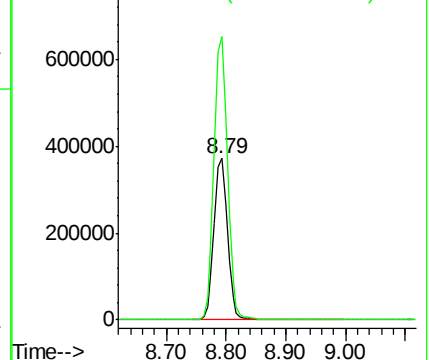
92 100

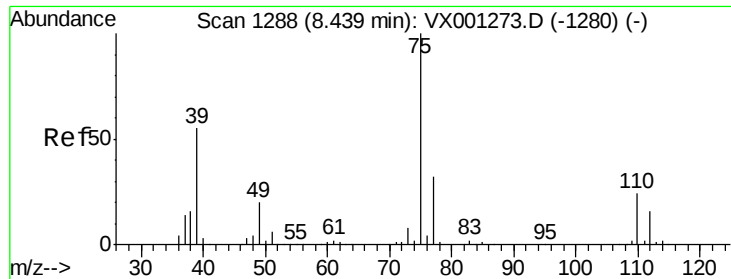
91 175.1 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 109.15 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

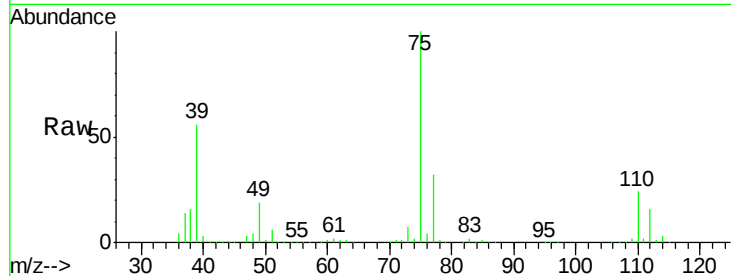
VSTDIC100

Tgt Ion: 75 Resp: 361705

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

250000

200000

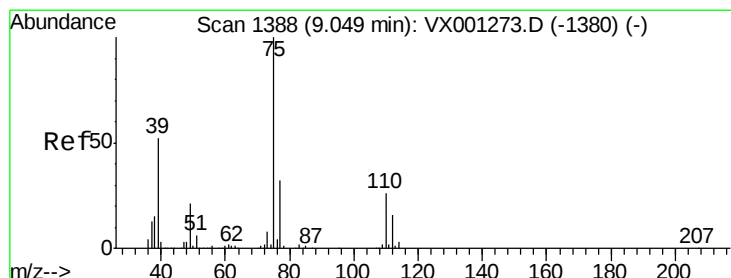
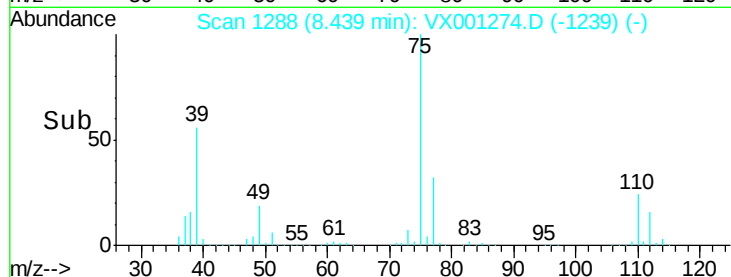
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 112.74 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

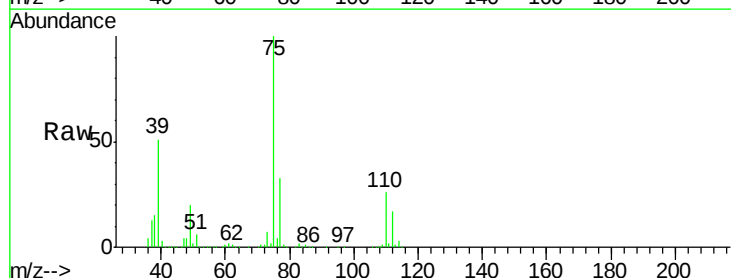
Tgt Ion: 75 Resp: 350492

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 50.9 41.9 62.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

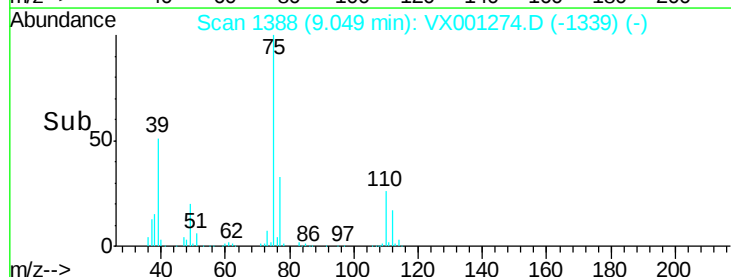
300000

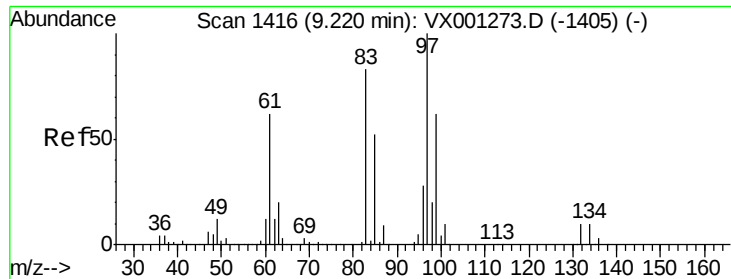
200000

100000

0

Time-->

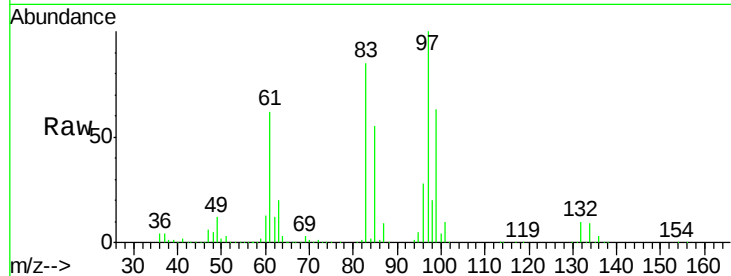




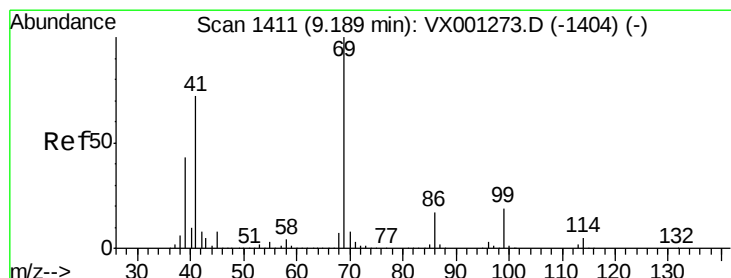
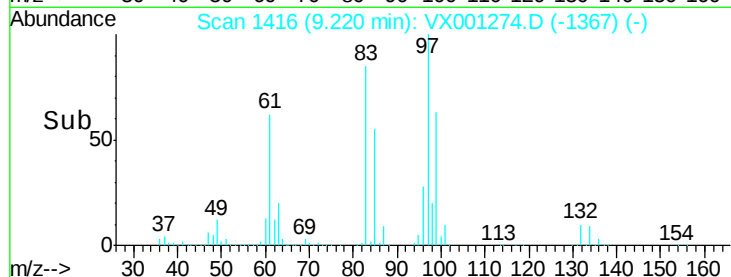
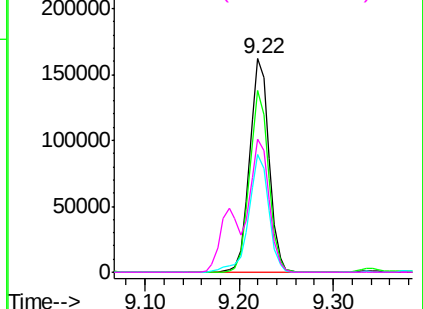
#55
 1,1,2-Trichloroethane
 Concen: 97.85 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	233497
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.4	99.6
85	54.9	41.6	62.4
99	62.5	49.3	73.9

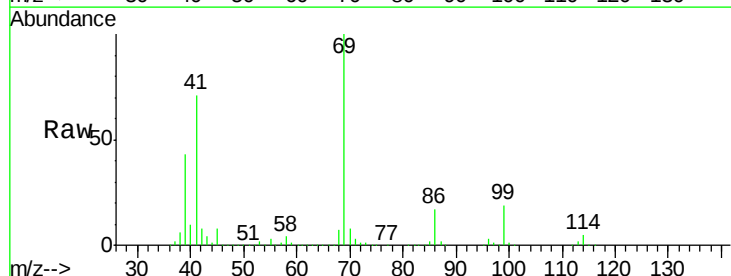


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

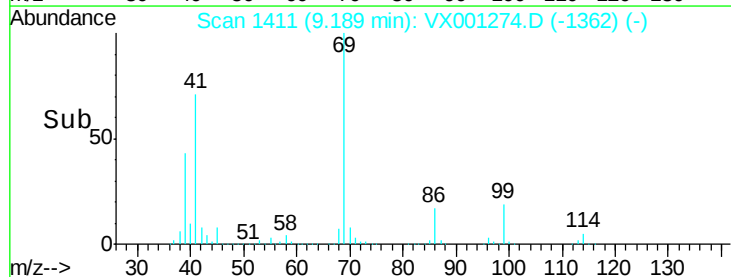
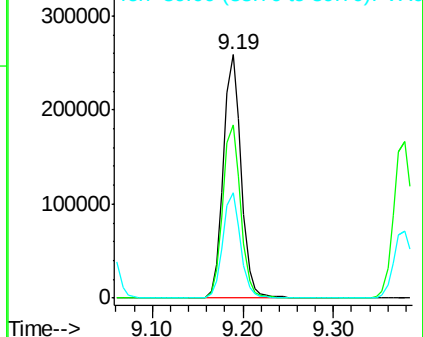


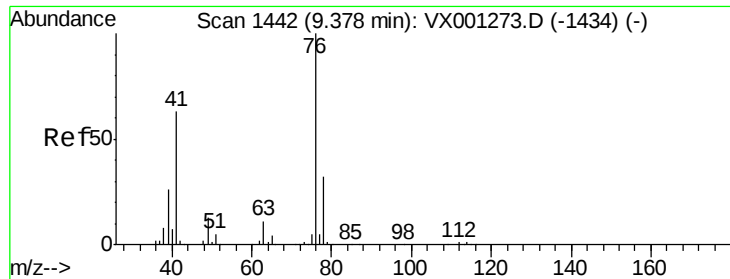
#56
 Ethyl methacrylate
 Concen: 101.28 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion:	69	Resp:	354158
Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.2	85.8
39	43.0	34.3	51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

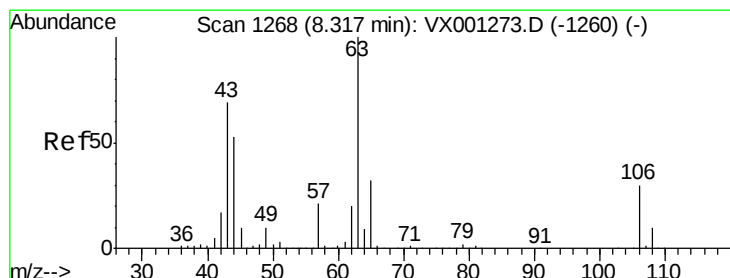
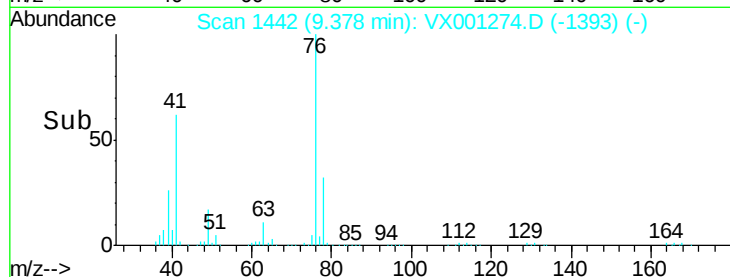
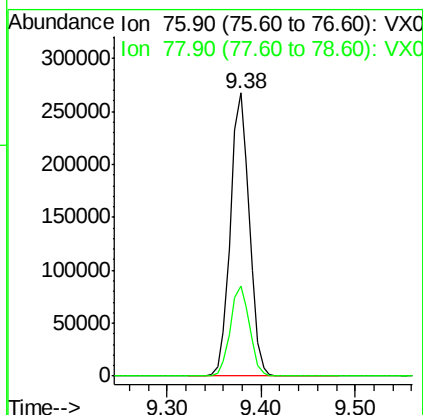
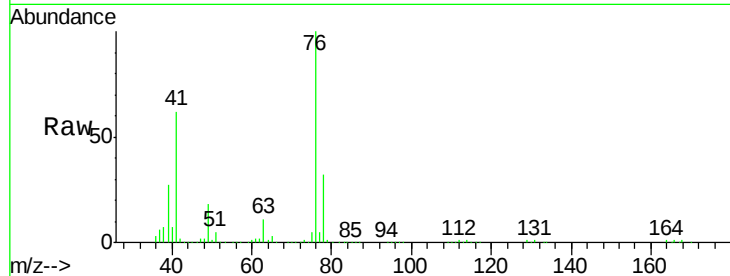




#57
 1,3-Dichloropropane
 Concen: 96.98 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

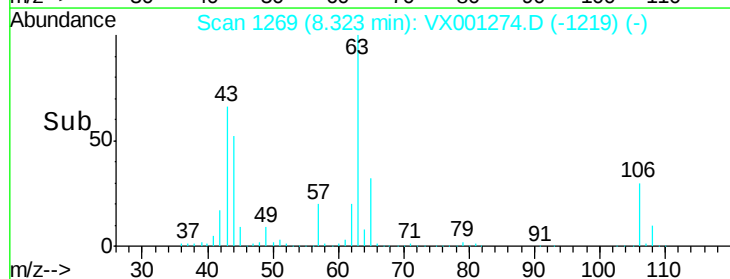
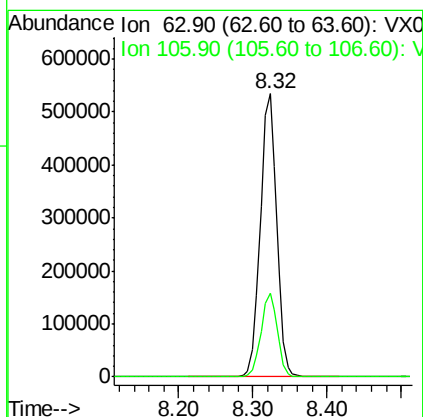
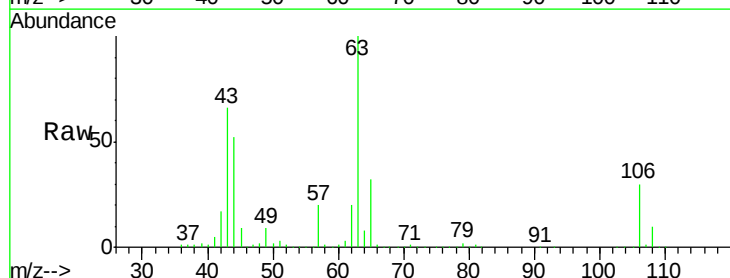
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

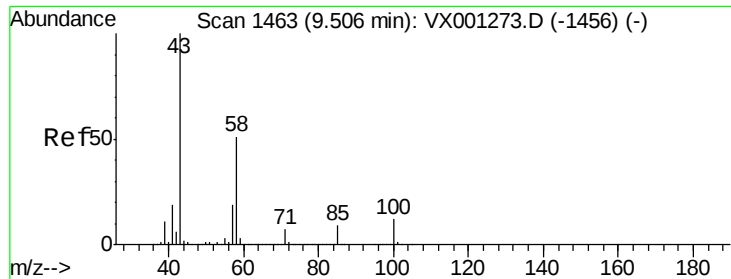
Tgt Ion: 76 Resp: 373502
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 497.17 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion: 63 Resp: 827619
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.6

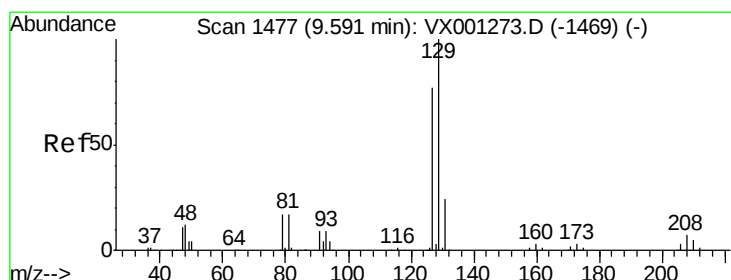
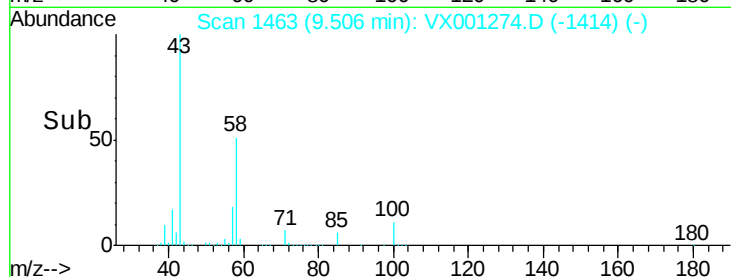
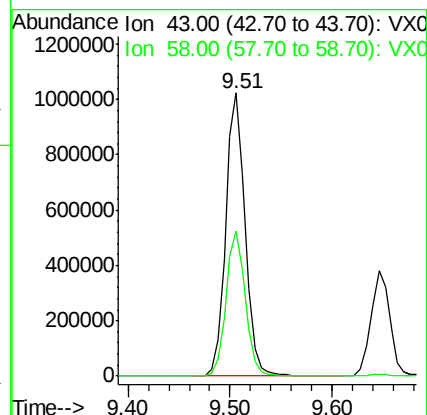
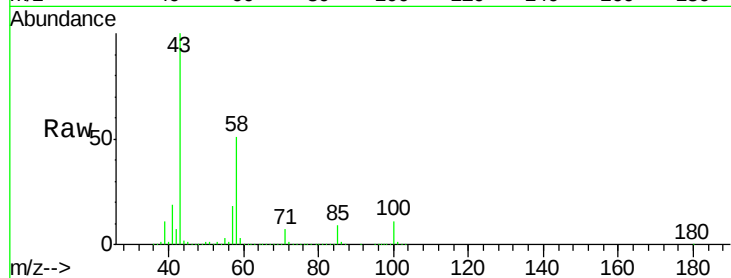




#59
2-Hexanone
Concen: 474.87 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

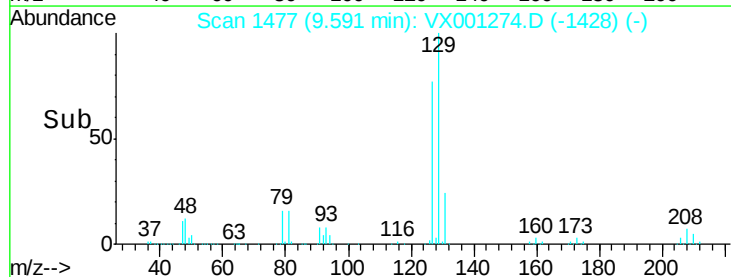
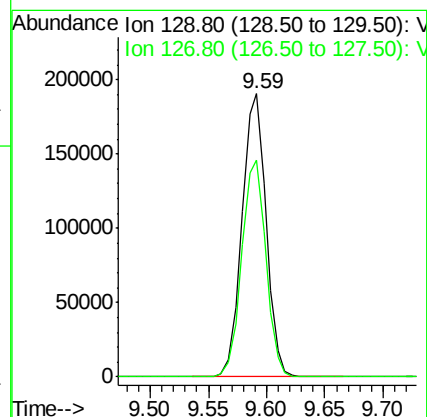
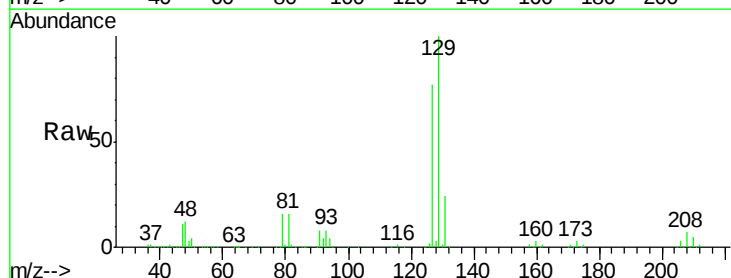
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

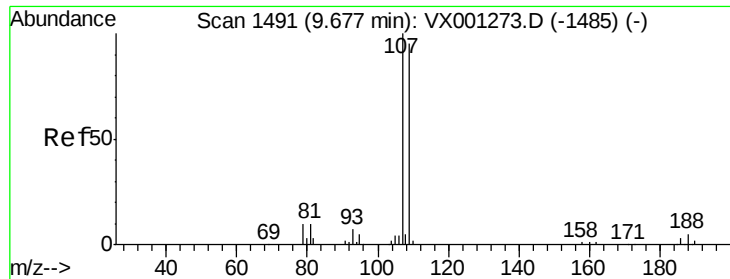
Tgt Ion: 43 Resp: 1351630
Ion Ratio Lower Upper
43 100
58 51.2 25.7 77.0



#60
Dibromochloromethane
Concen: 113.90 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 129 Resp: 274520
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





#61

1,2-Dibromoethane

Concen: 101.82 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

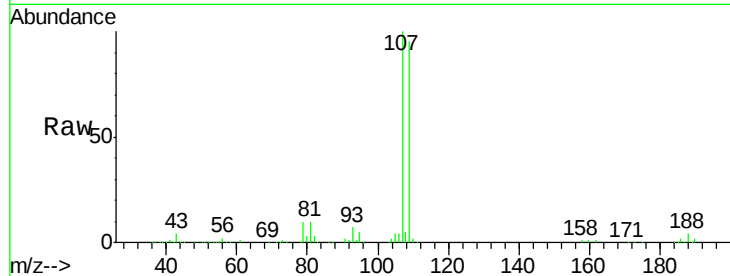
VSTDIC100

Tgt Ion: 107 Resp: 253921

Ion Ratio Lower Upper

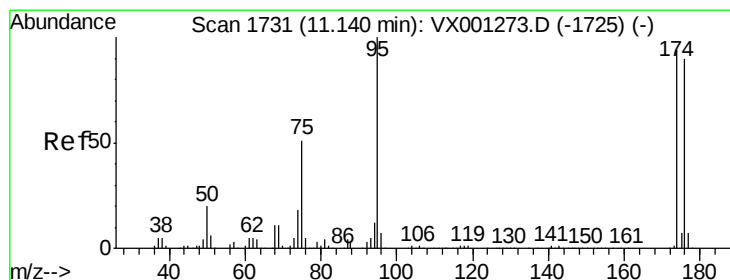
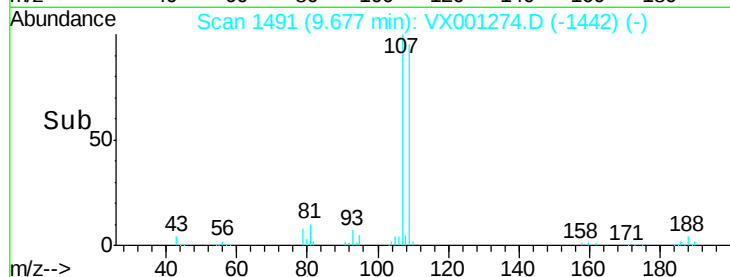
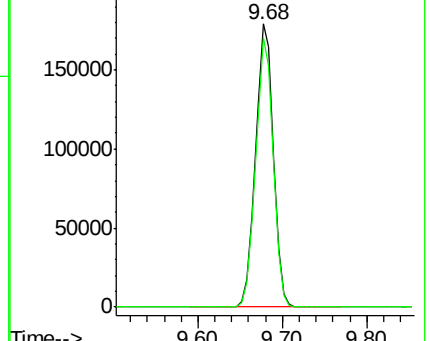
107 100

109 94.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 104.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

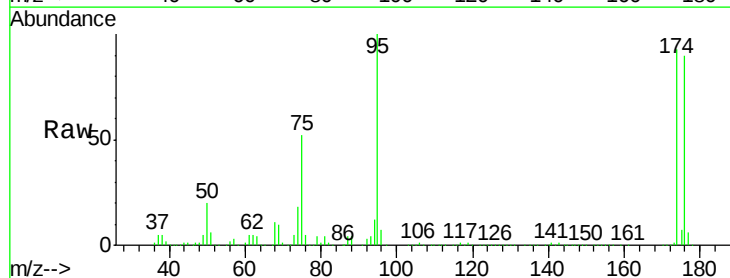
Tgt Ion: 95 Resp: 345091

Ion Ratio Lower Upper

95 100

174 101.2 0.0 201.8

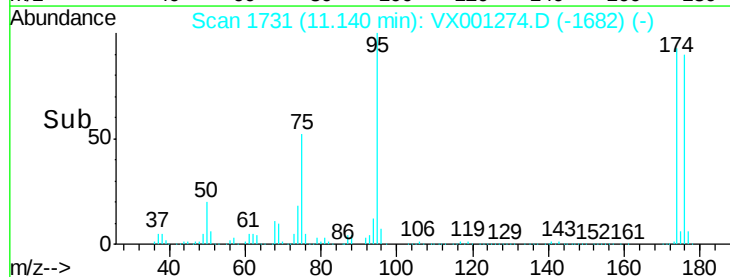
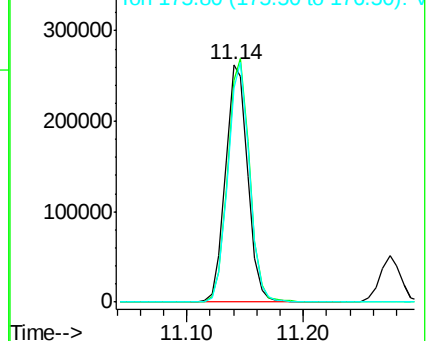
176 98.6 0.0 197.2



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

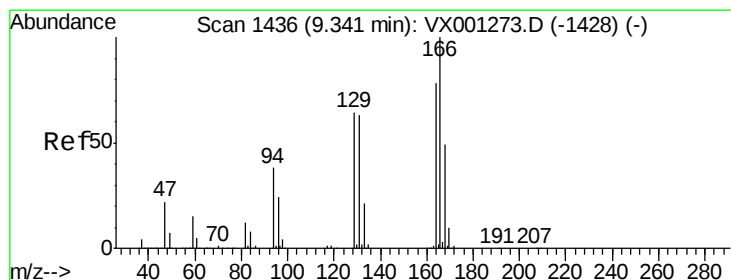
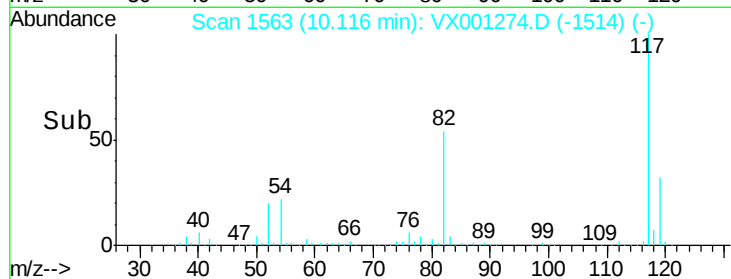
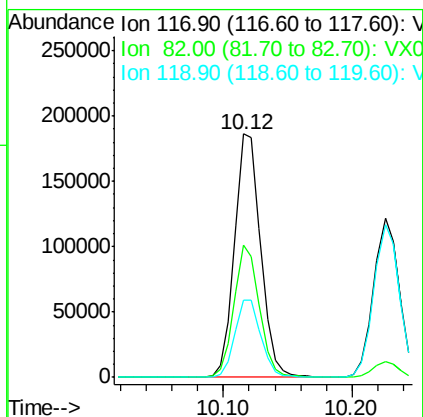
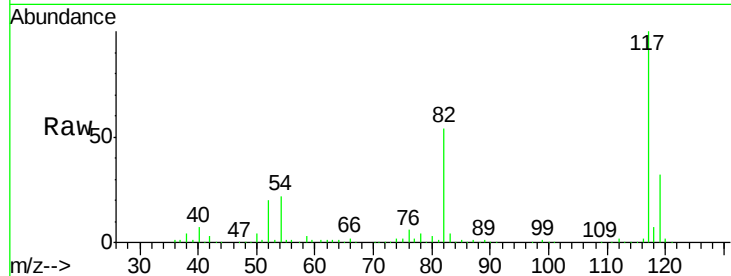




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

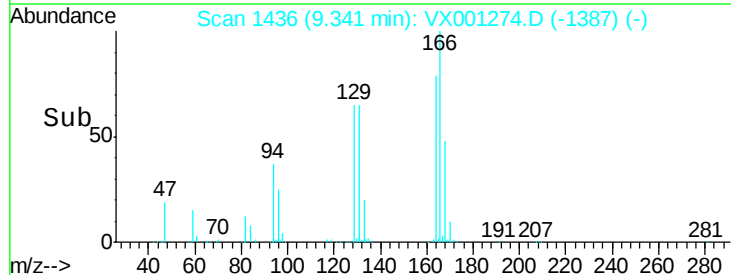
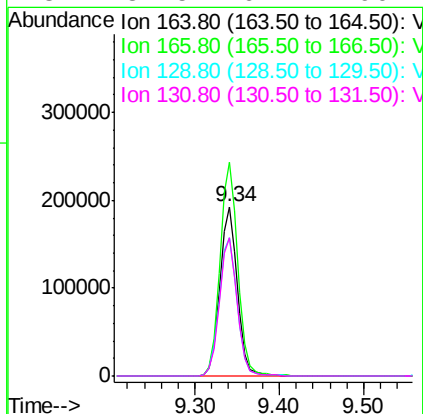
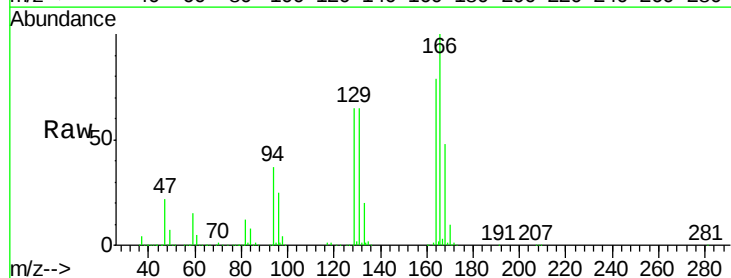
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

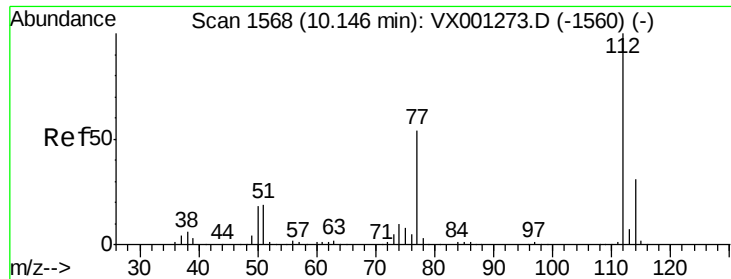
Tgt Ion:117 Resp: 264365
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 95.84 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion:164 Resp: 276709
Ion Ratio Lower Upper
164 100
166 126.4 102.3 153.5
129 82.1 65.1 97.7
131 81.5 64.2 96.4

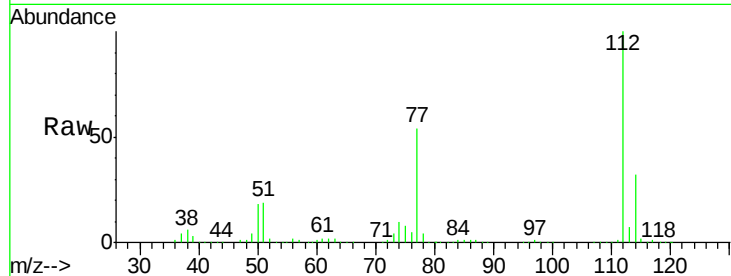




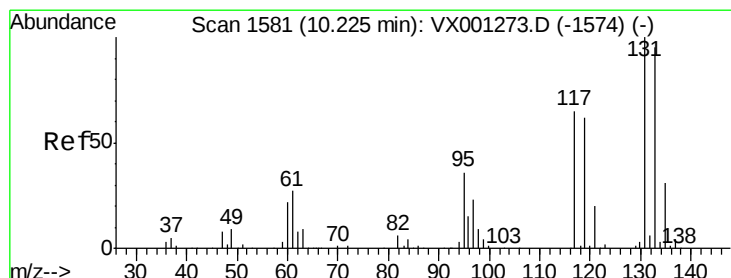
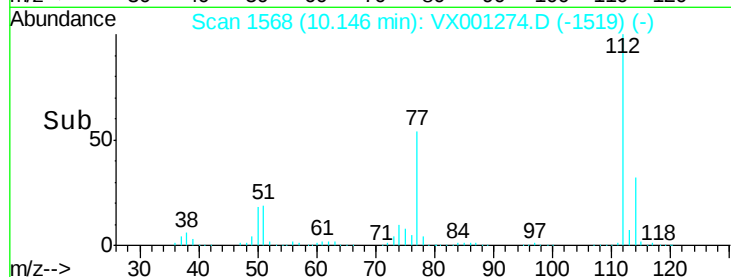
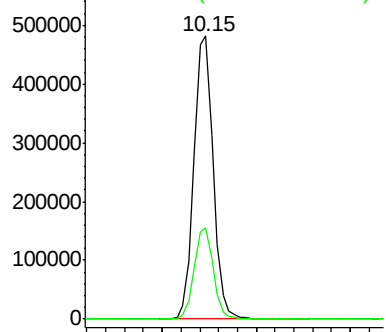
#65
Chlorobenzene
Concen: 97.89 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion:112 Resp: 681064
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2

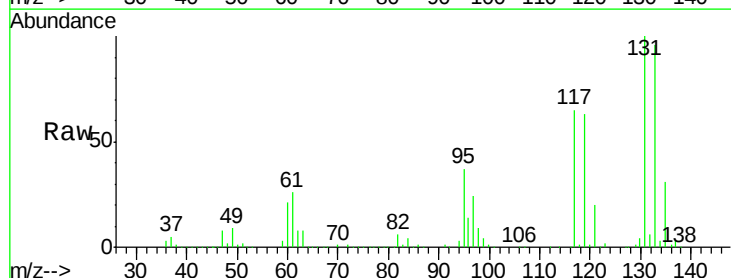


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

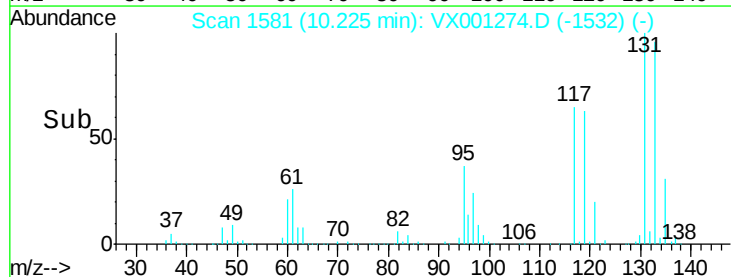
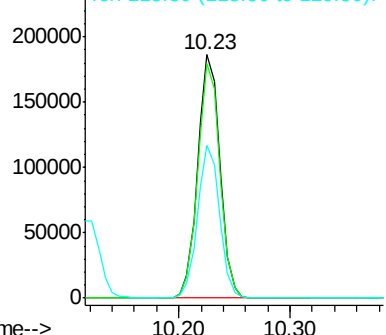


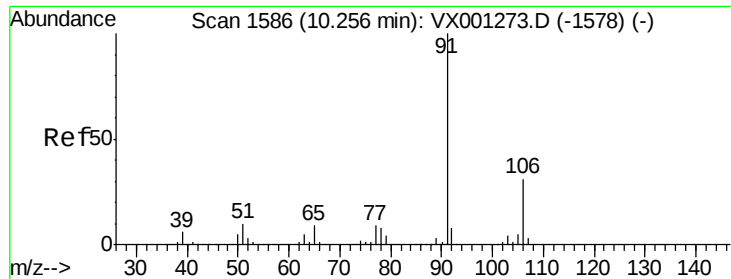
#66
1,1,1,2-Tetrachloroethane
Concen: 106.57 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion:131 Resp: 256481
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.9
119 62.4 31.2 93.6



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

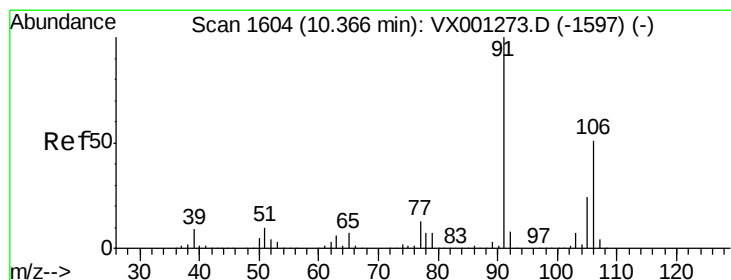
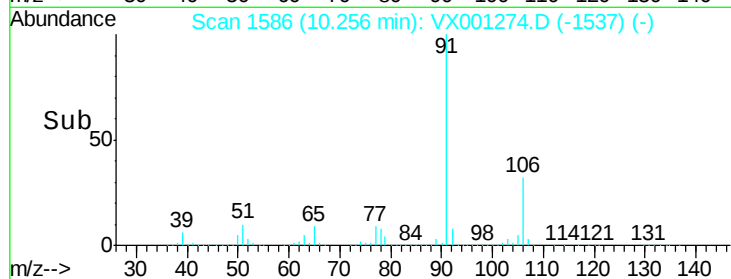
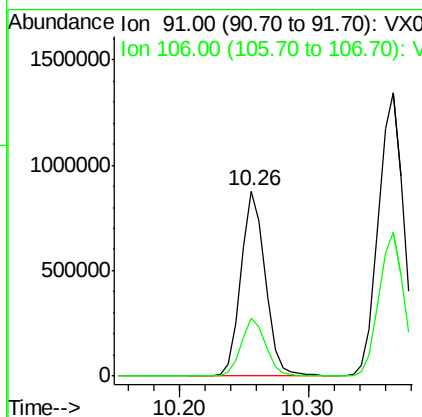
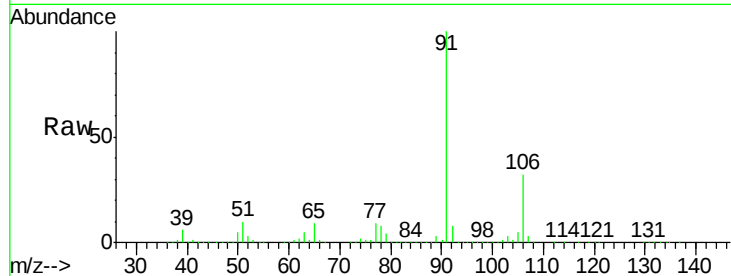




#67
Ethyl Benzene
Concen: 100.75 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

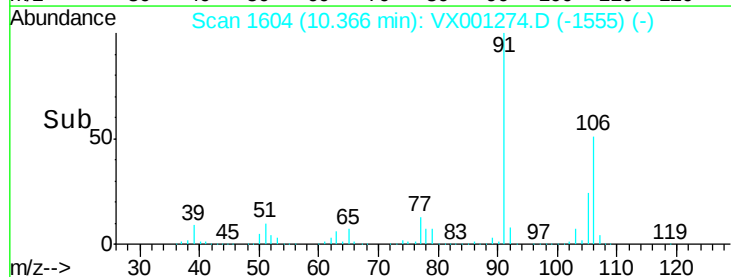
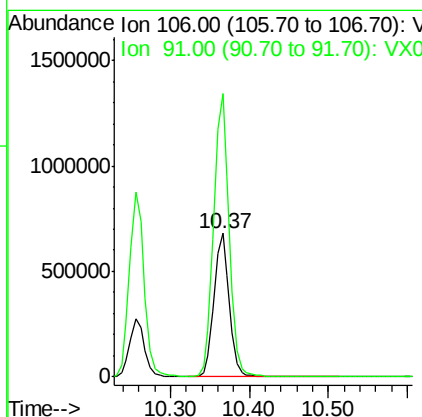
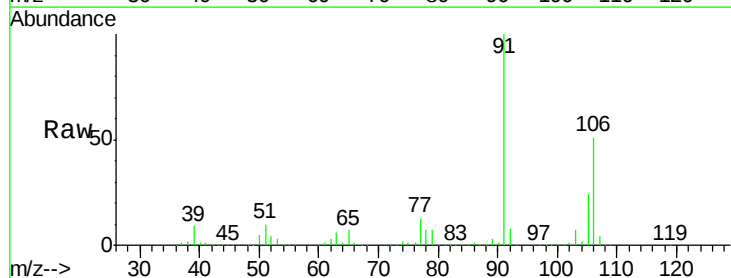
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

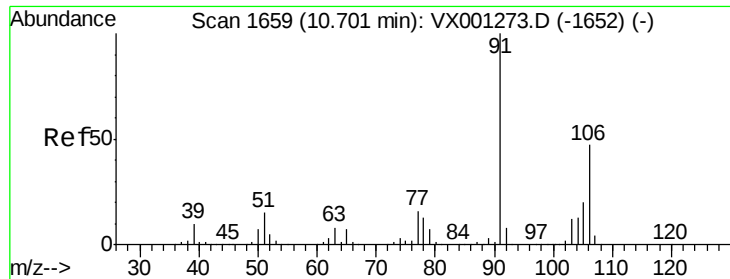
Tgt Ion: 91 Resp: 1145105
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 204.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 106 Resp: 919824
Ion Ratio Lower Upper
106 100
91 200.0 159.4 239.2

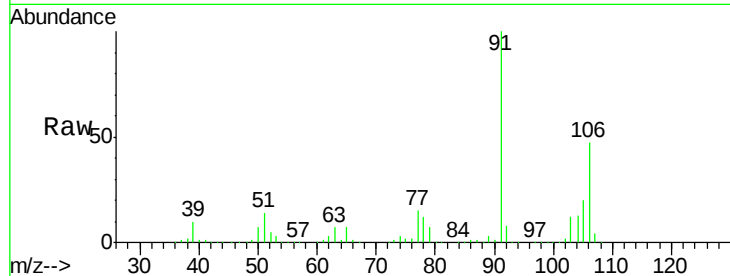




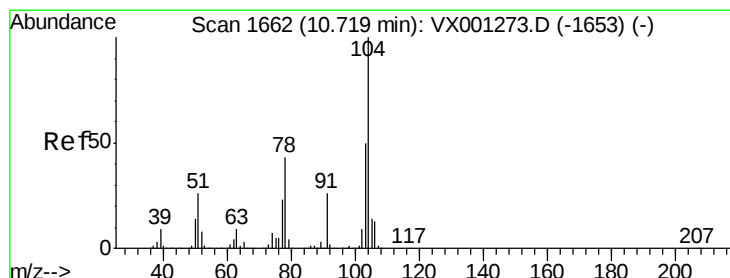
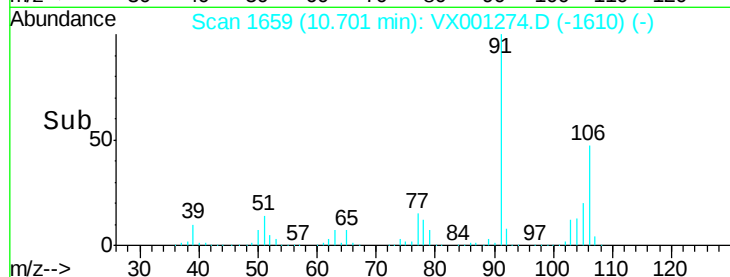
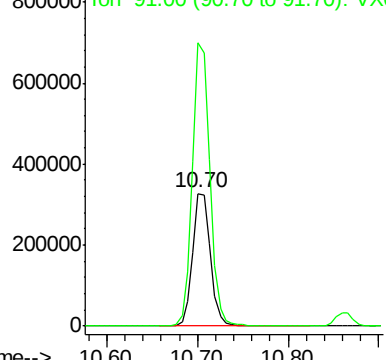
#69
o-Xylene
Concen: 103.60 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 449741
Ion Ratio Lower Upper
106 100
91 210.8 106.3 319.0

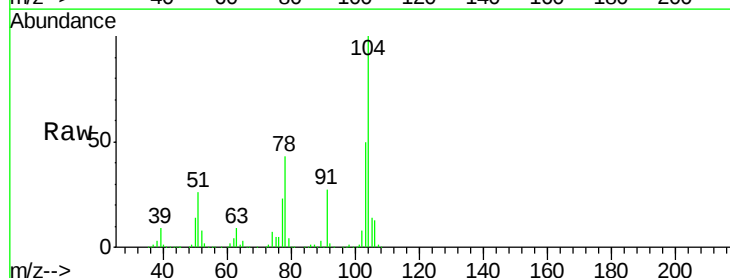


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

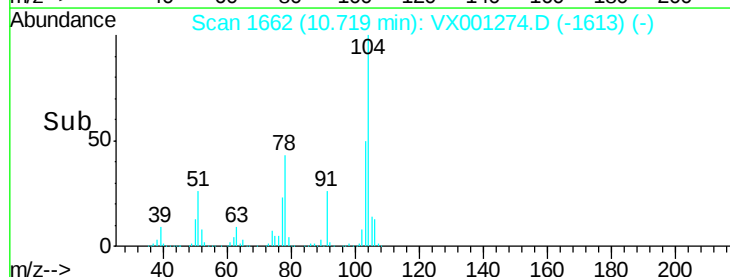
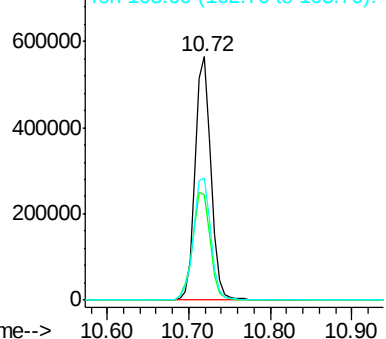


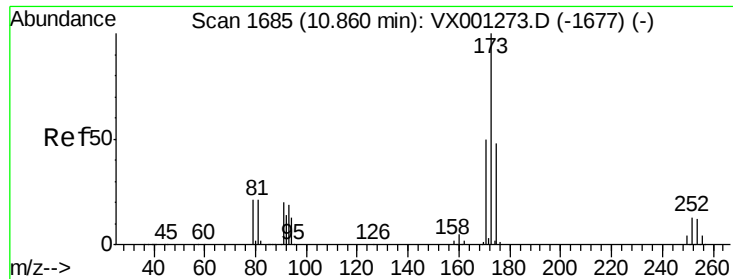
#70
Styrene
Concen: 104.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion:104 Resp: 757172
Ion Ratio Lower Upper
104 100
78 50.1 40.1 60.1
103 55.6 44.5 66.7



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: 114.39 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

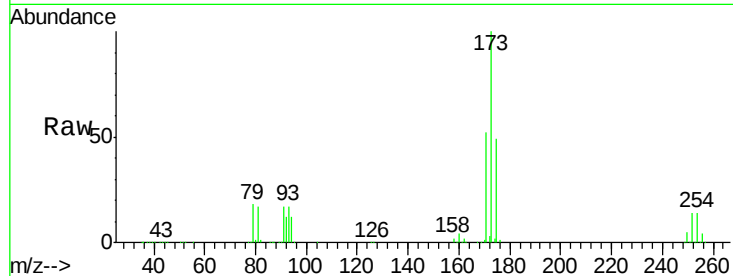
Tgt Ion:173 Resp: 238987

Ion Ratio Lower Upper

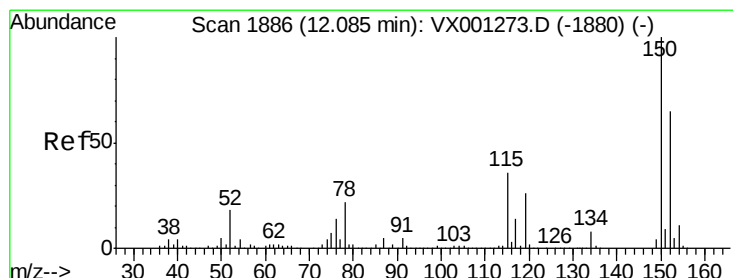
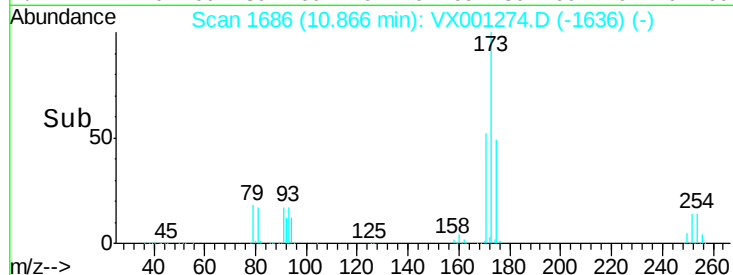
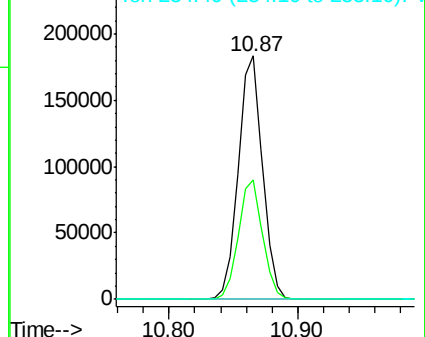
173 100

175 49.1 24.6 74.0

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

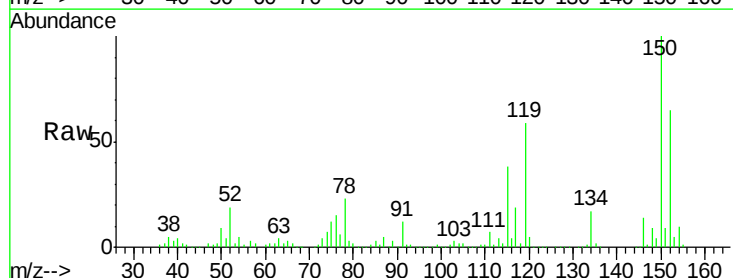
Tgt Ion:152 Resp: 194087

Ion Ratio Lower Upper

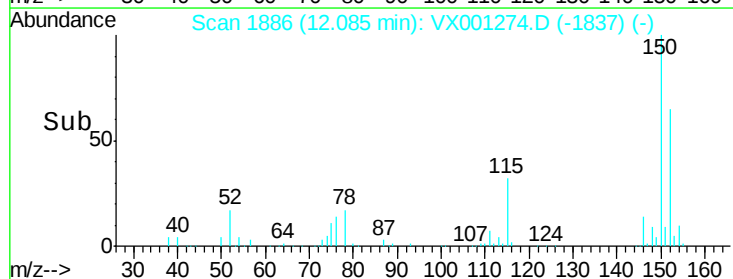
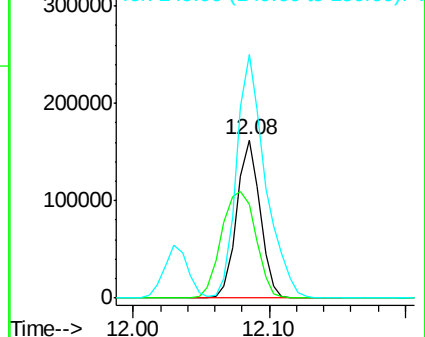
152 100

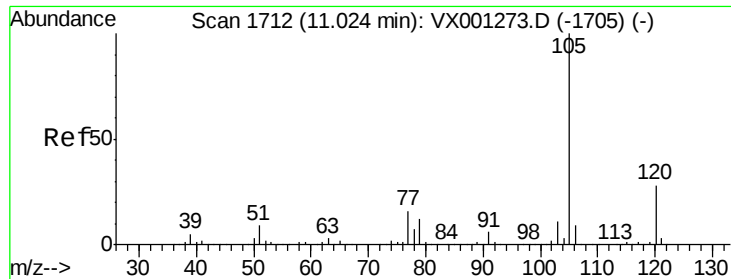
115 99.5 38.6 115.7

150 189.5 0.0 349.2



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: 95.62 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

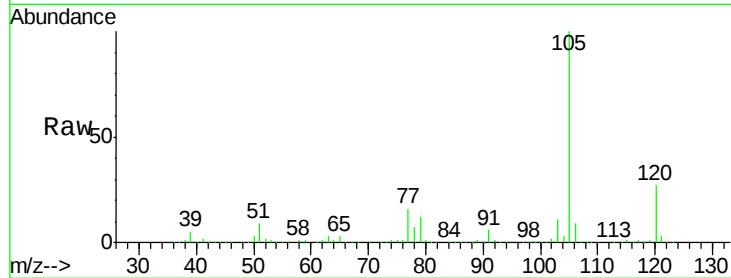
VSTDIC100

Tgt Ion:105 Resp: 1216055

Ion Ratio Lower Upper

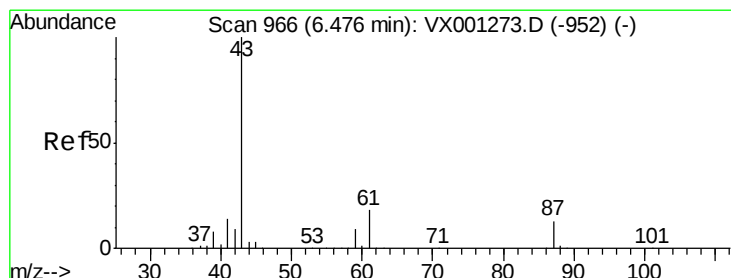
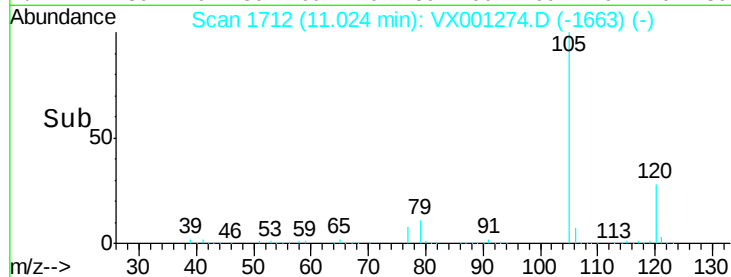
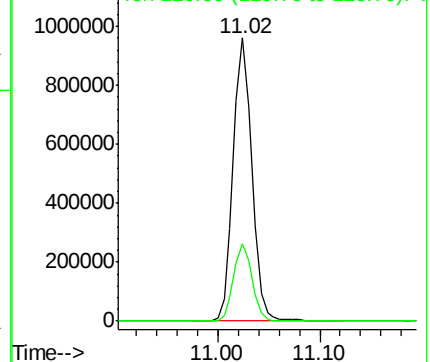
105 100

120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 82.09 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Tgt Ion: 43 Resp: 513705

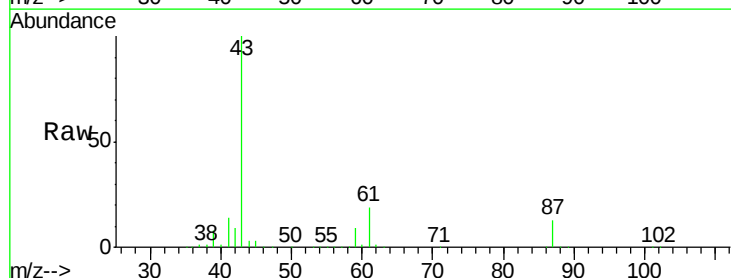
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.9 15.0 22.4

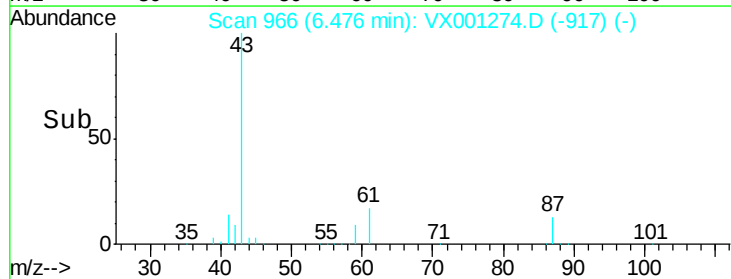
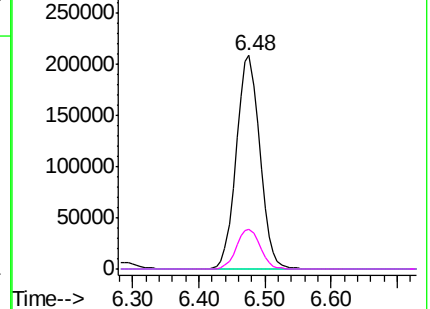


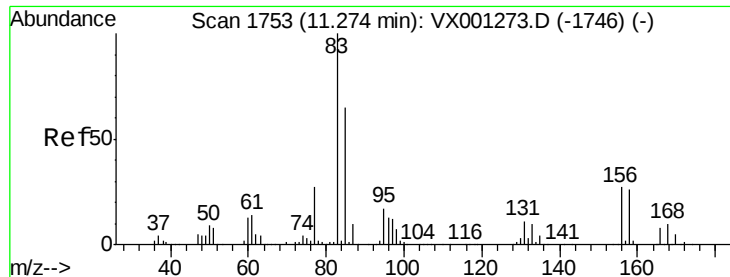
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 89.82 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

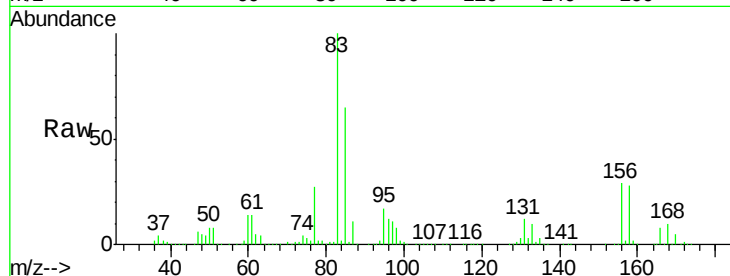
Tgt Ion: 83 Resp: 372794

Ion Ratio Lower Upper

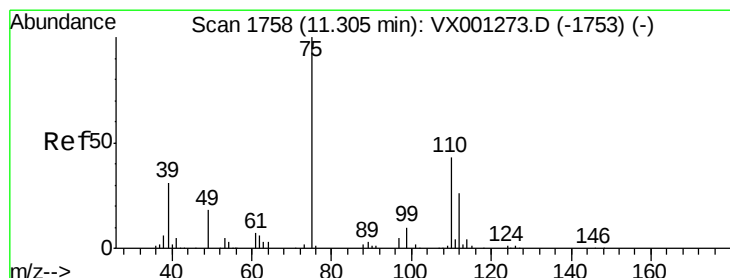
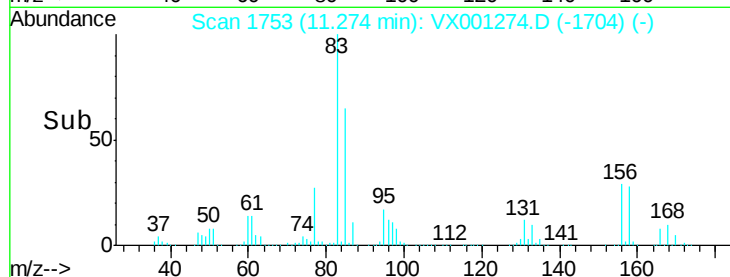
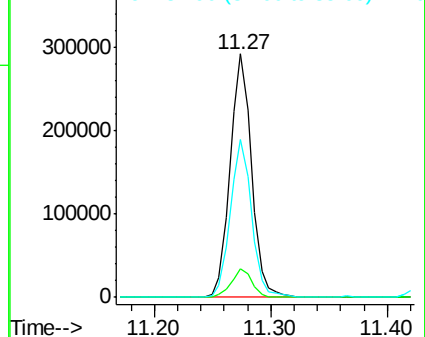
83 100

131 11.4 5.8 17.3

85 64.5 32.6 97.7



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: 111.52 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001274.D

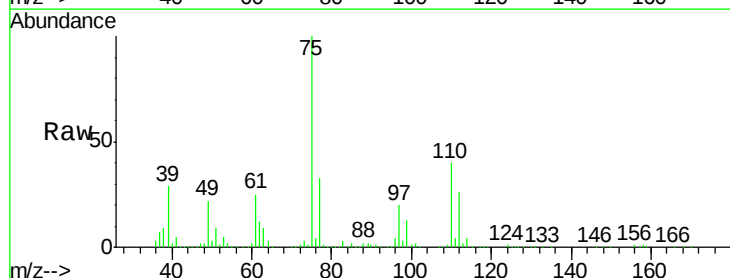
Acq: 01 May 2018 12:46

Tgt Ion: 75 Resp: 433987

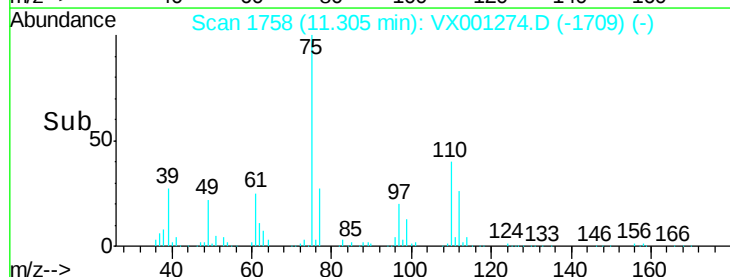
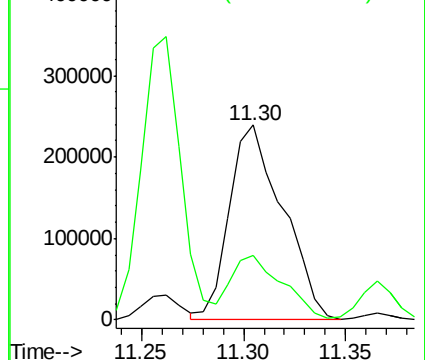
Ion Ratio Lower Upper

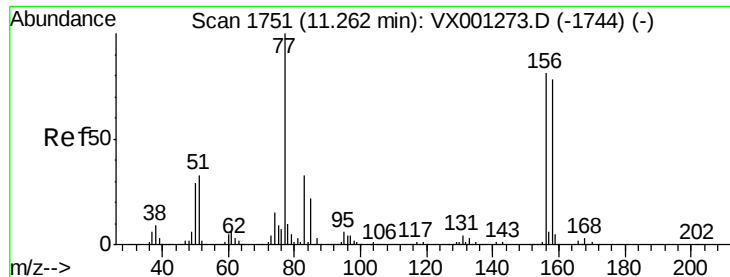
75 100

77 31.5 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 93.44 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

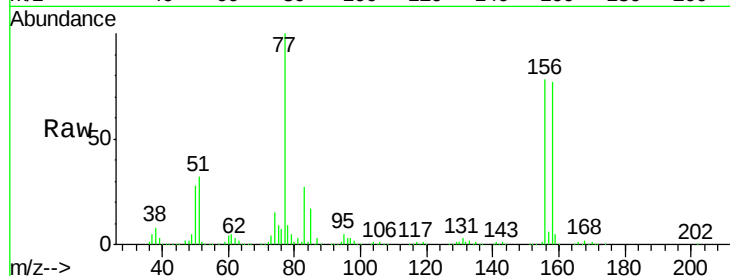
Tgt Ion:156 Resp: 351151

Ion Ratio Lower Upper

156 100

77 132.8 65.3 195.8

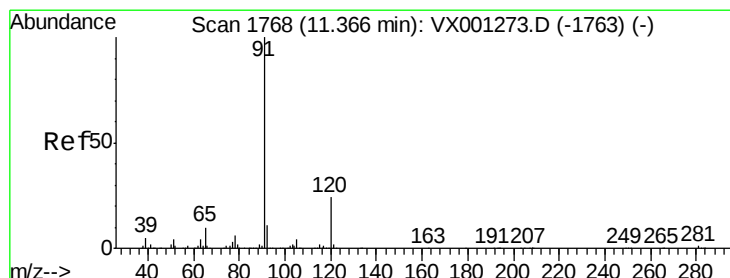
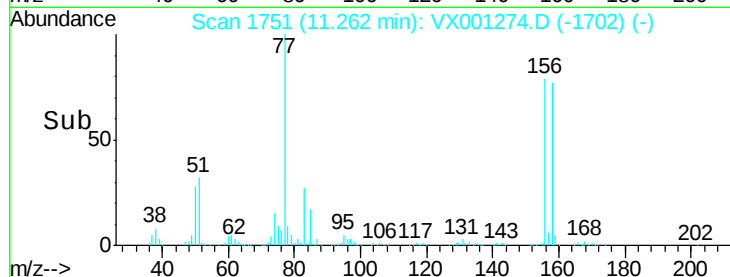
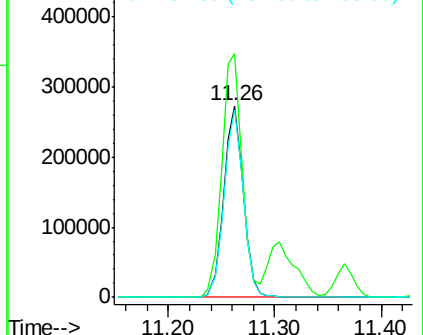
158 97.2 48.5 145.5



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: 97.09 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001274.D

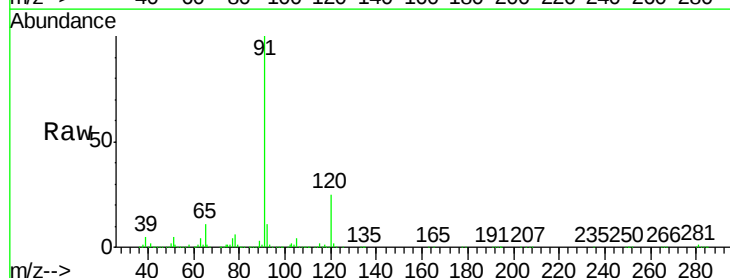
Acq: 01 May 2018 12:46

Tgt Ion: 91 Resp: 1375826

Ion Ratio Lower Upper

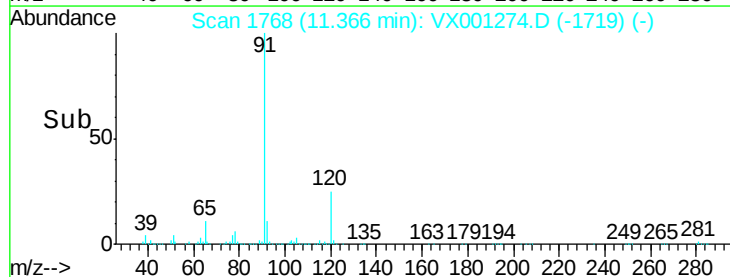
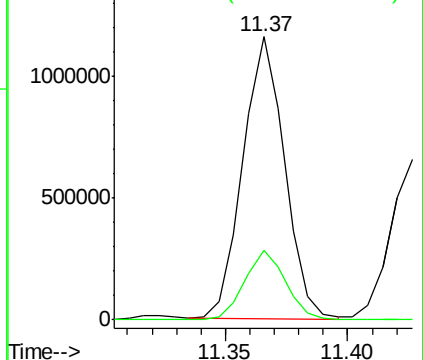
91 100

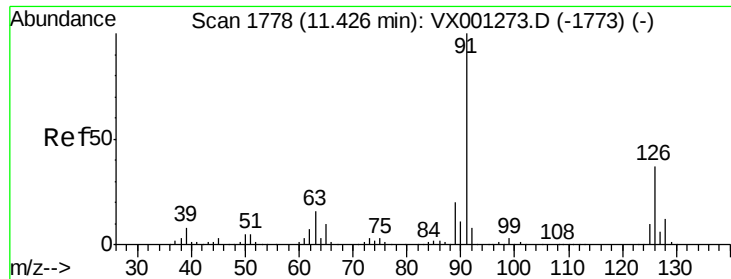
120 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 93.28 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

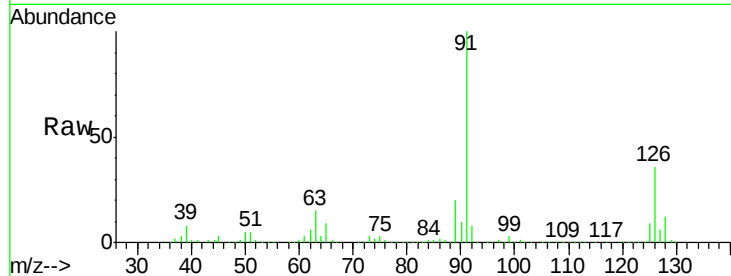
VSTDICC100

Tgt Ion: 91 Resp: 817109

Ion Ratio Lower Upper

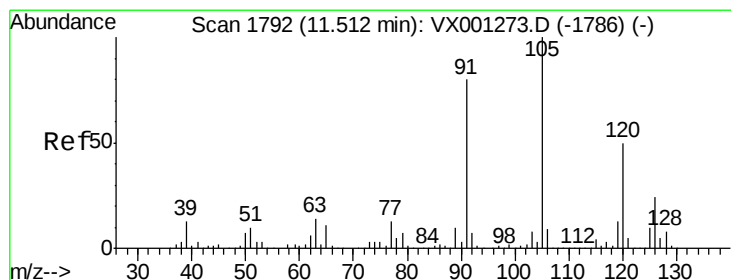
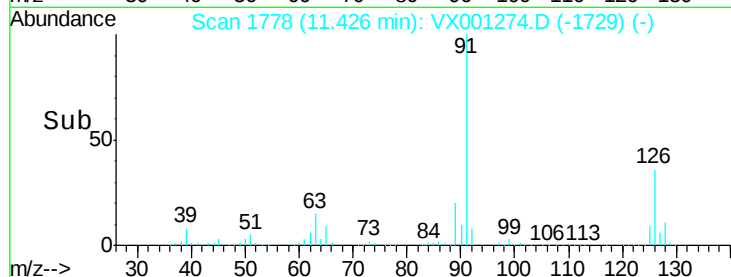
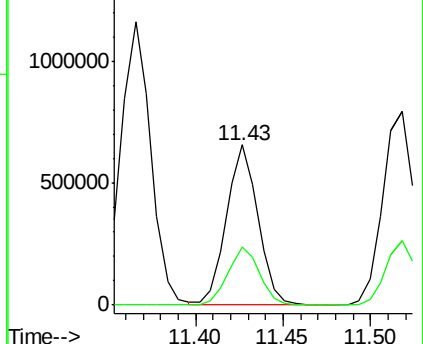
91 100

126 36.8 18.4 55.4



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: 98.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001274.D

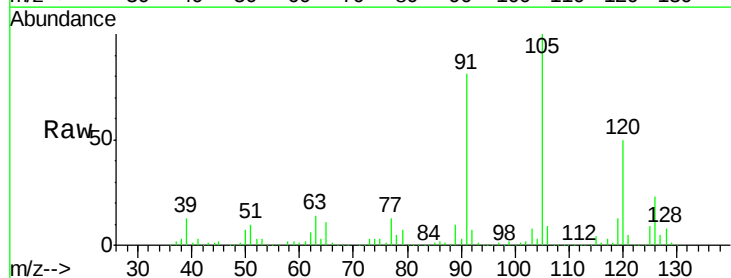
Acq: 01 May 2018 12:46

Tgt Ion: 105 Resp: 1057182

Ion Ratio Lower Upper

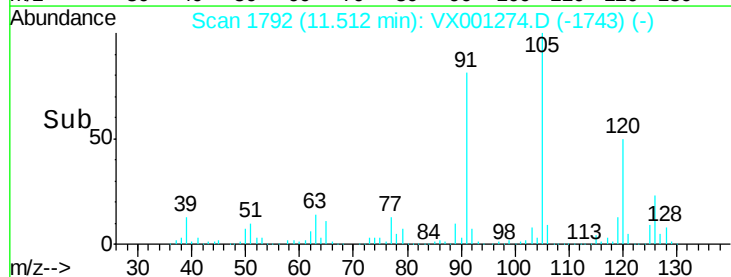
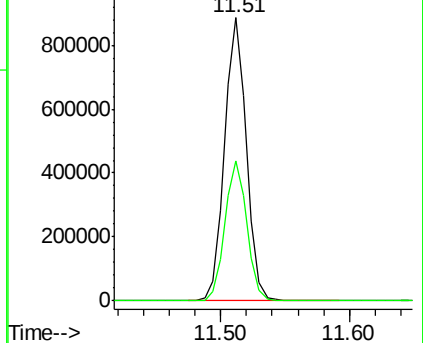
105 100

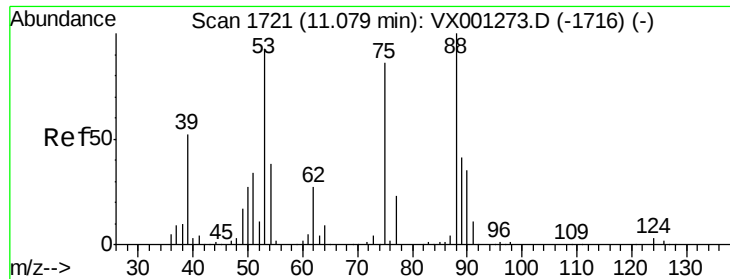
120 49.7 24.6 74.0



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: 112.64 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

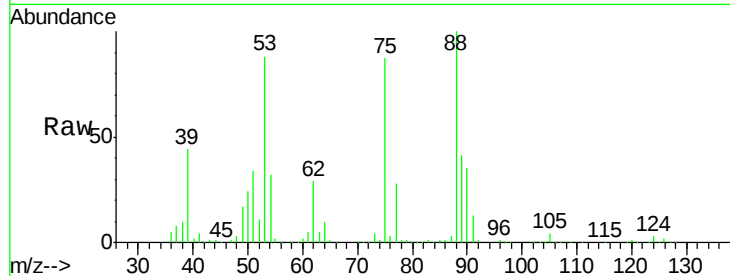
Tgt Ion: 75 Resp: 110411

Ion Ratio Lower Upper

75 100

53 104.7 87.1 130.7

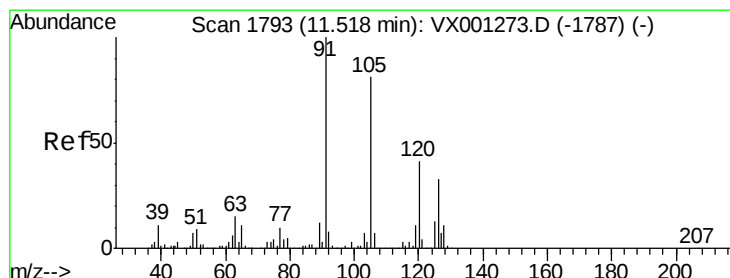
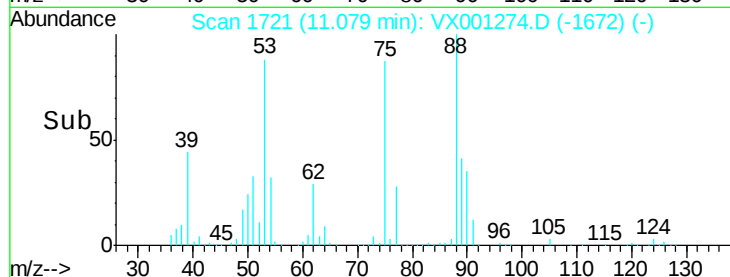
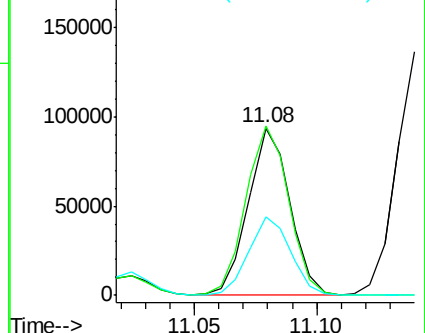
89 47.9 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 96.06 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001274.D

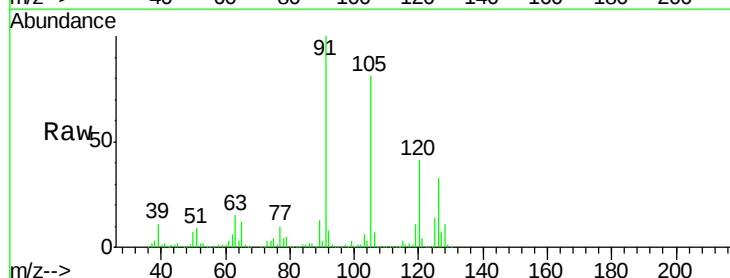
Acq: 01 May 2018 12:46

Tgt Ion: 91 Resp: 1001766

Ion Ratio Lower Upper

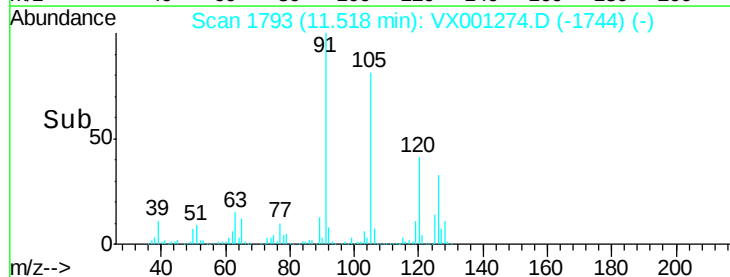
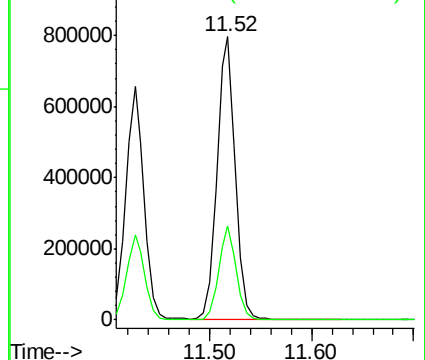
91 100

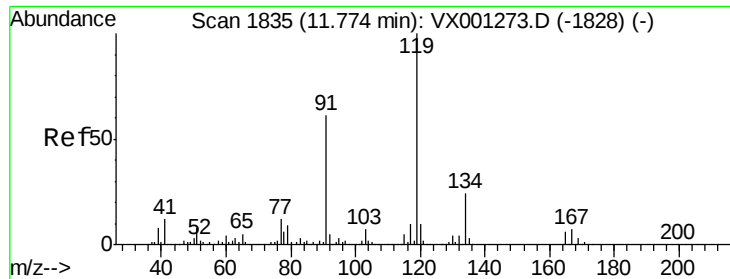
126 31.7 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

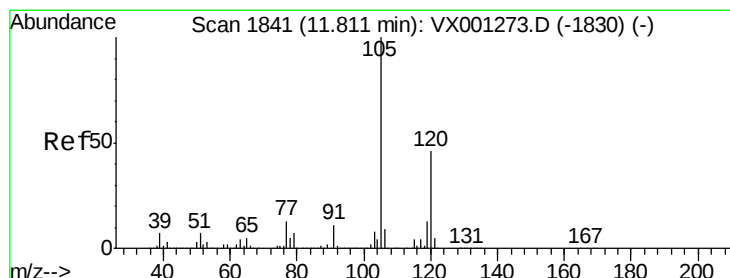
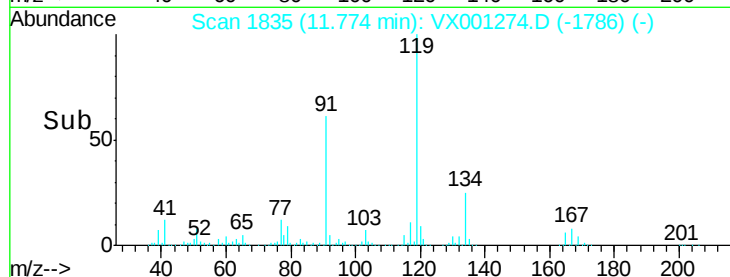
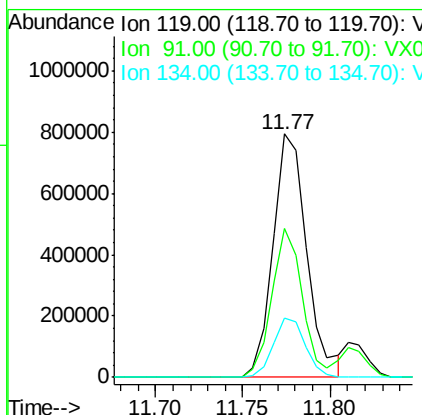
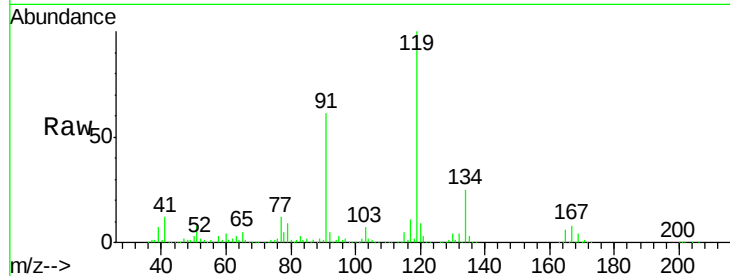




#83
 tert-Butylbenzene
 Concen: 99.58 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

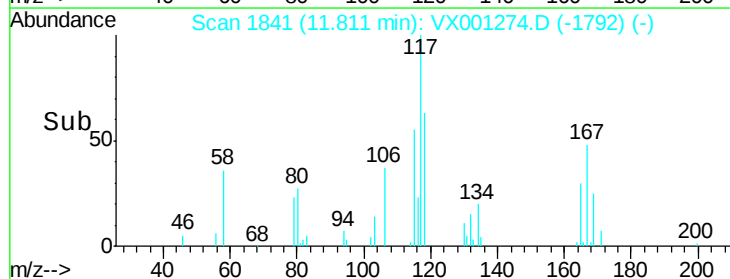
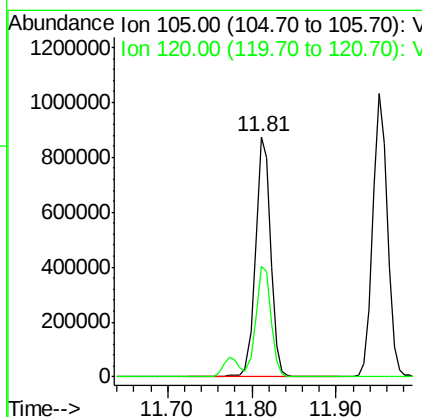
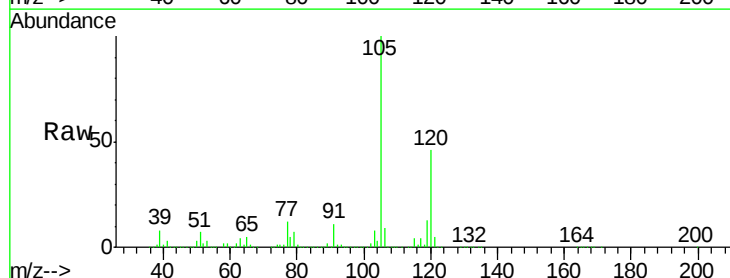
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

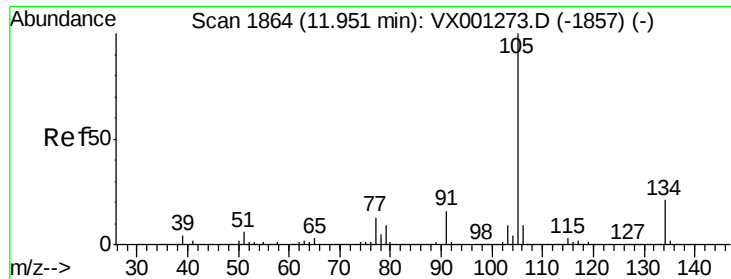
Tgt Ion:119 Resp: 1069397
 Ion Ratio Lower Upper
 119 100
 91 55.3 28.1 84.3
 134 23.2 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 97.36 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion:105 Resp: 1075995
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.7 68.1

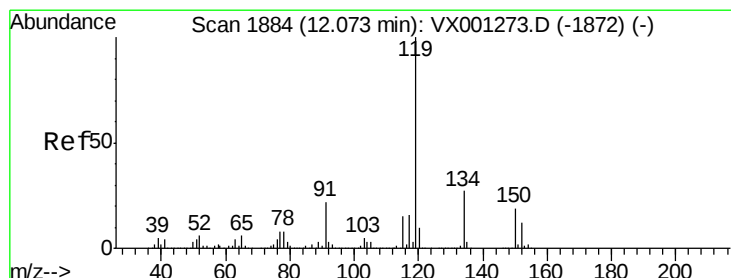
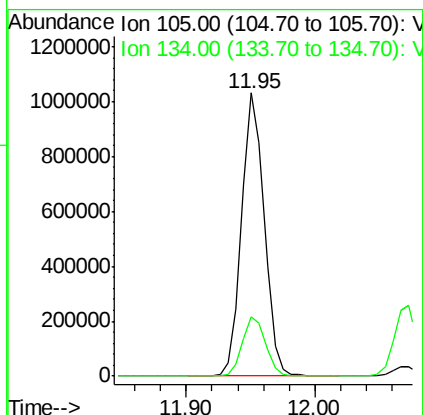
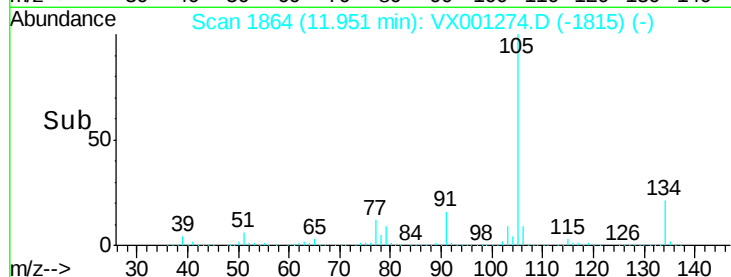
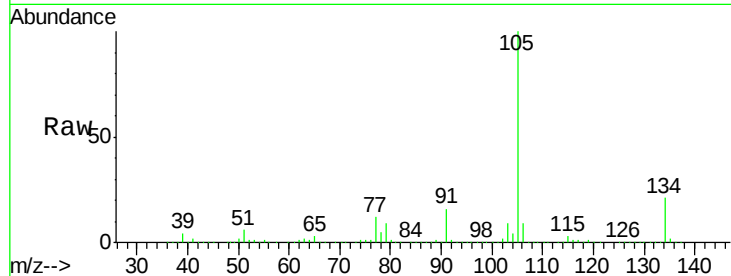




#85
 sec-Butylbenzene
 Concen: 99.45 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

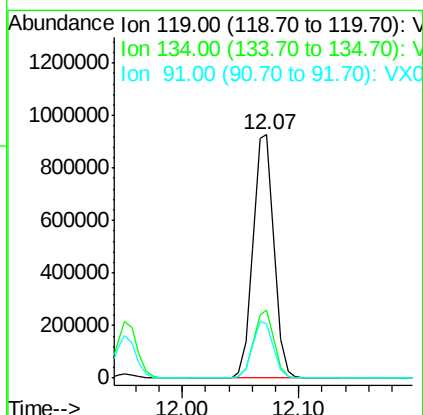
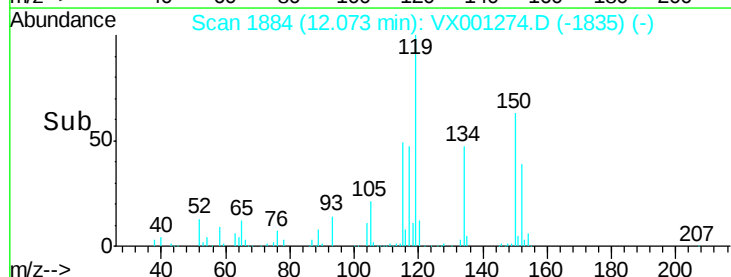
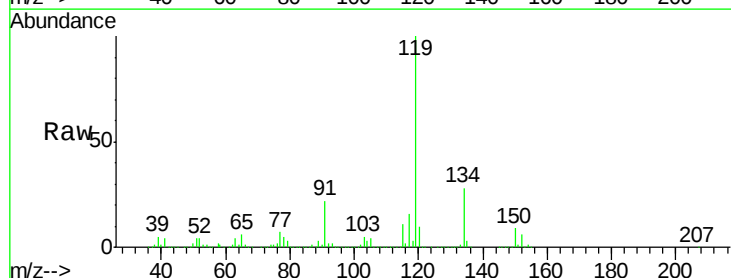
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

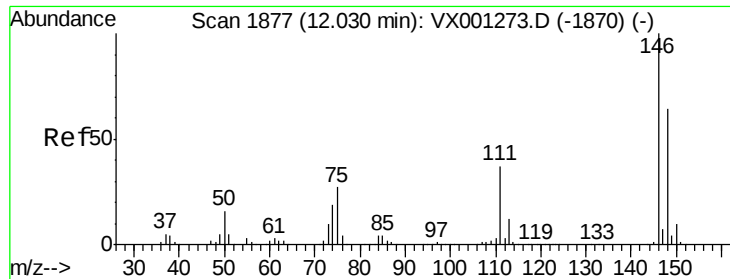
Tgt Ion:105 Resp: 1255968
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 99.41 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion:119 Resp: 1164796
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 23.2 11.7 35.1

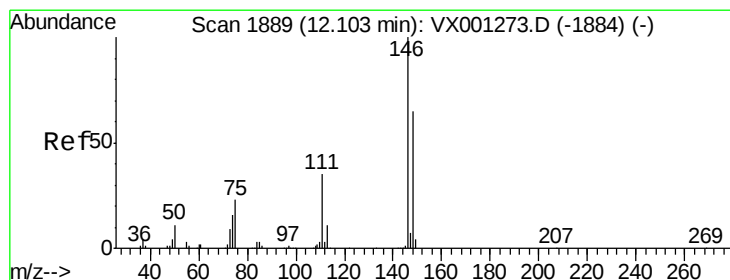
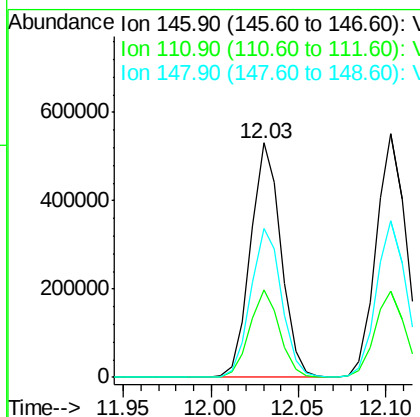
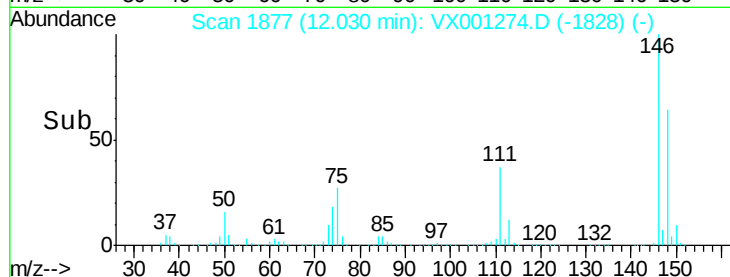
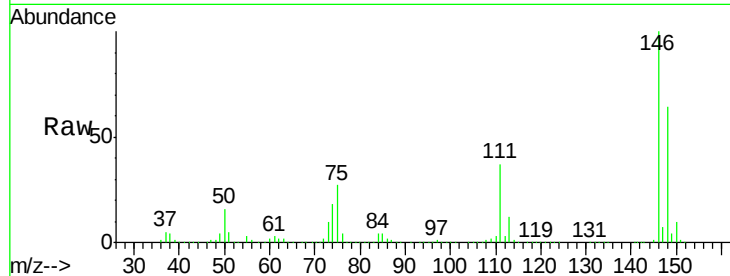




#87
 1,3-Dichlorobenzene
 Concen: 95.72 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

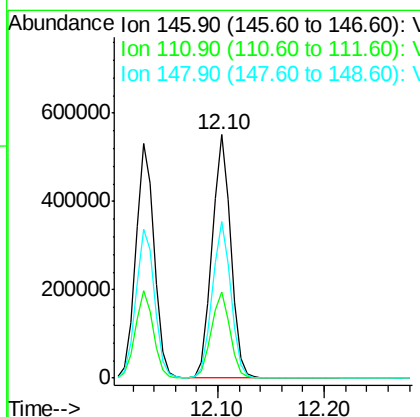
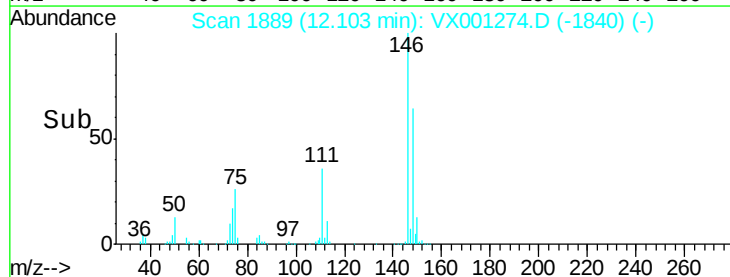
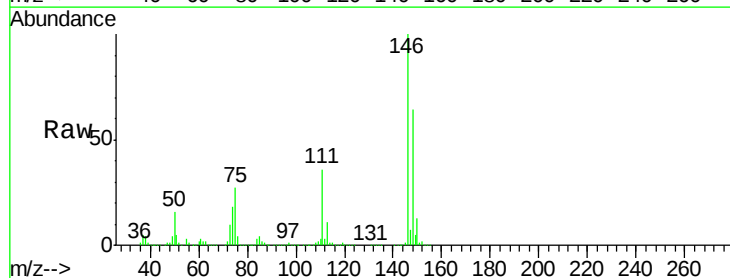
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 646530
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.2
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 93.66 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion:146 Resp: 659659
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.9 53.7
 148 64.0 32.3 96.8

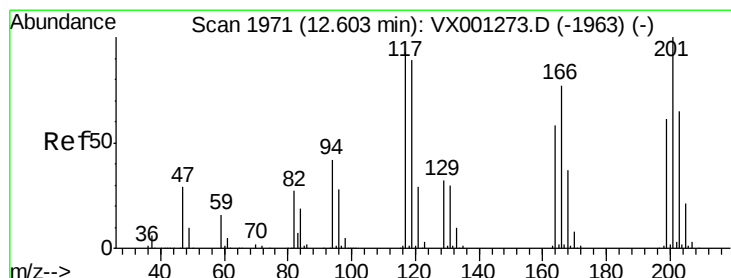
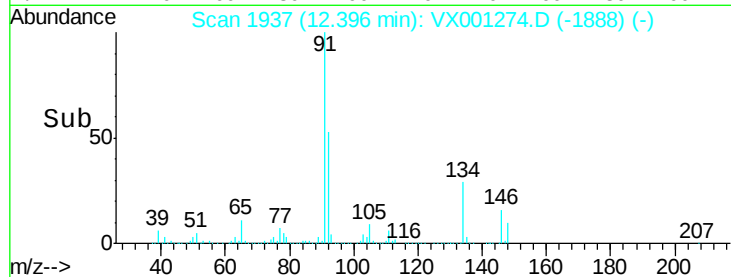
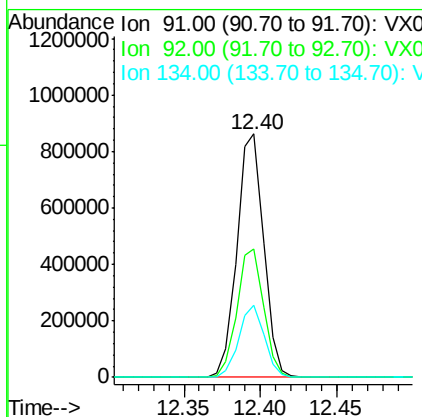
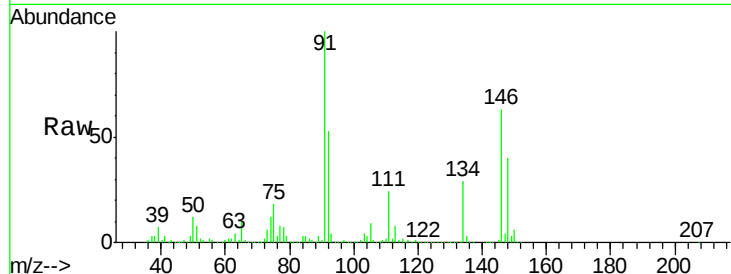




#89
n-Butylbenzene
Concen: 102.45 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

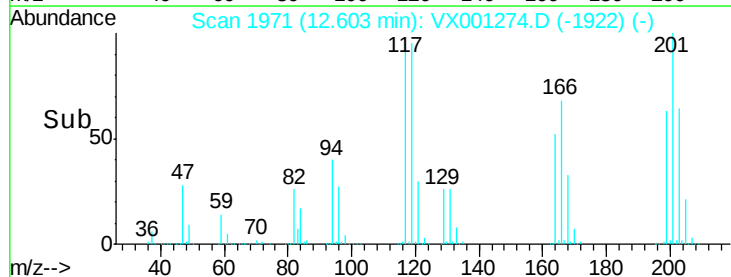
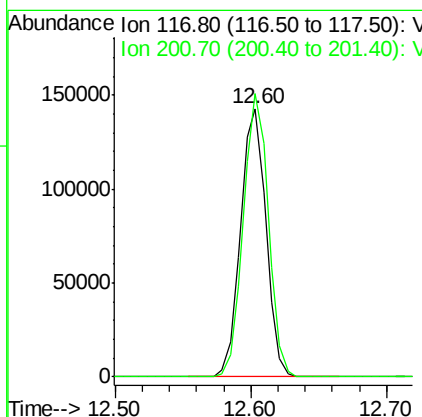
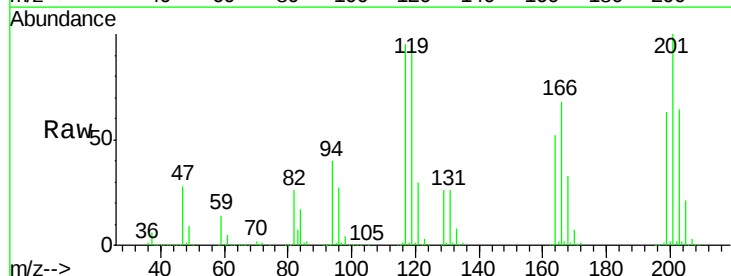
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1040579
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 28.4 14.0 42.0



#90
Hexachloroethane
Concen: 111.67 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001274.D
Acq: 01 May 2018 12:46

Tgt Ion: 117 Resp: 185880
Ion Ratio Lower Upper
117 100
201 104.2 51.6 154.8

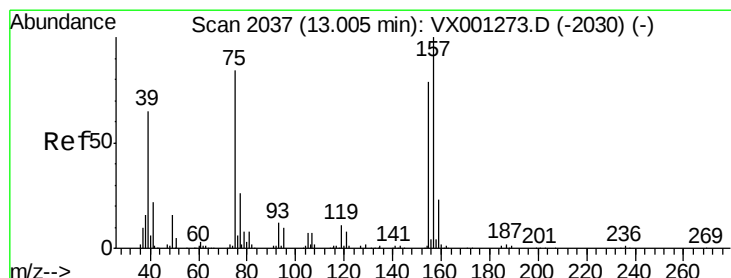
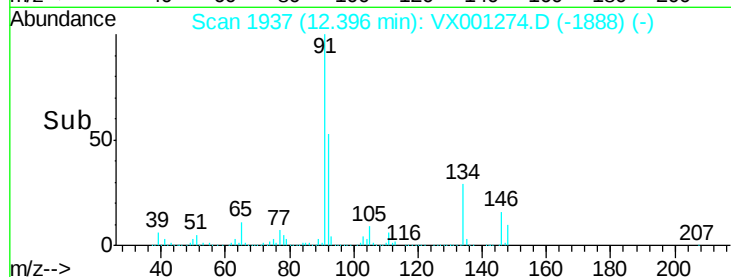
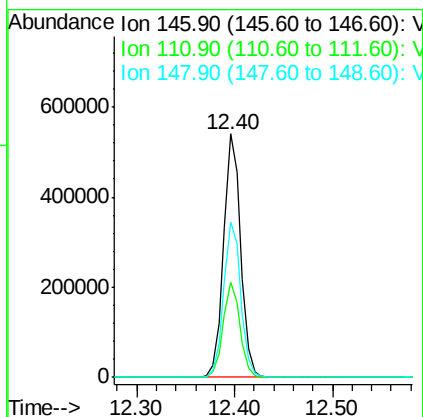
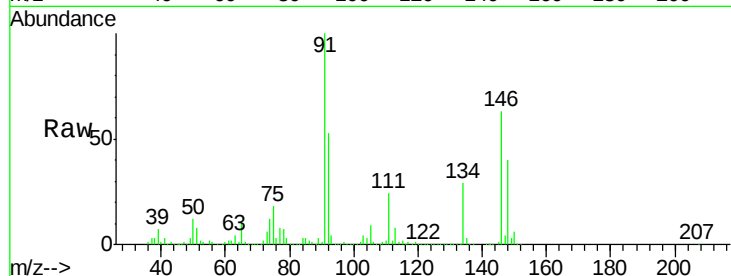




#91
 1,2-Dichlorobenzene
 Concen: 95.23 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

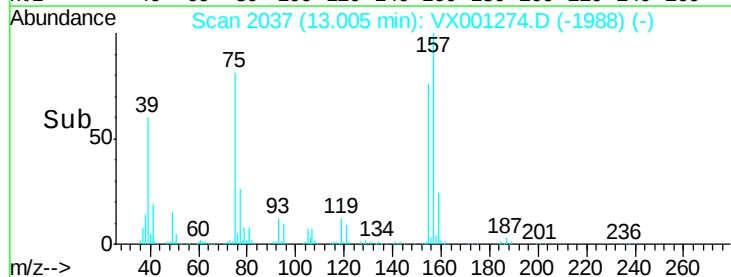
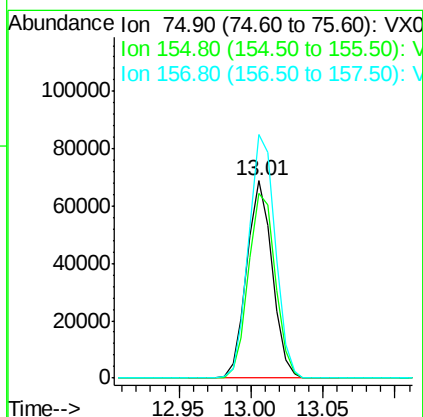
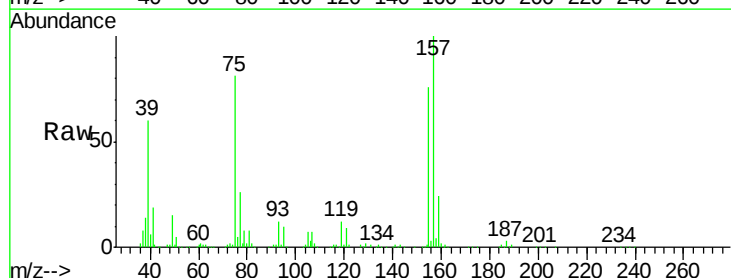
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

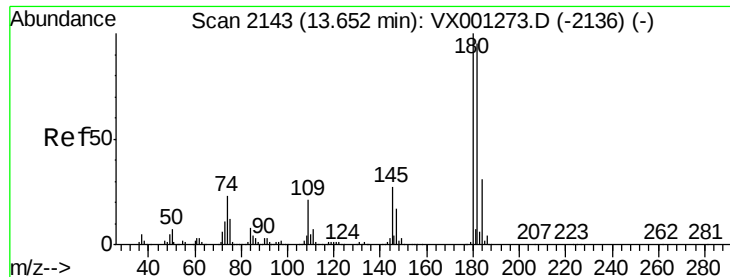
Tgt Ion:146 Resp: 649782
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.5
 148 64.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.83 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion: 75 Resp: 84123
 Ion Ratio Lower Upper
 75 100
 155 98.5 49.9 149.7
 157 128.4 63.7 191.1

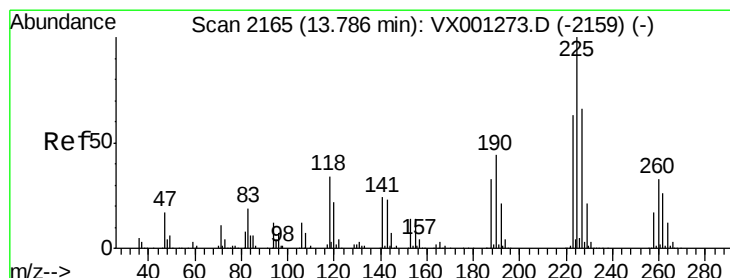
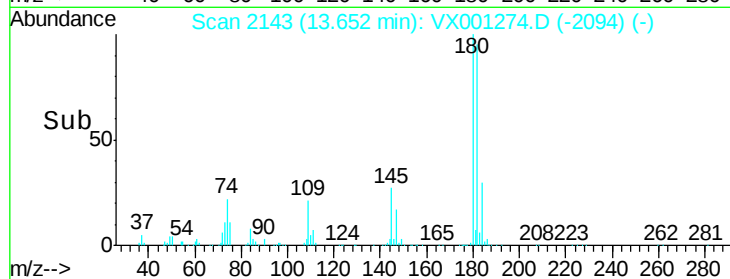
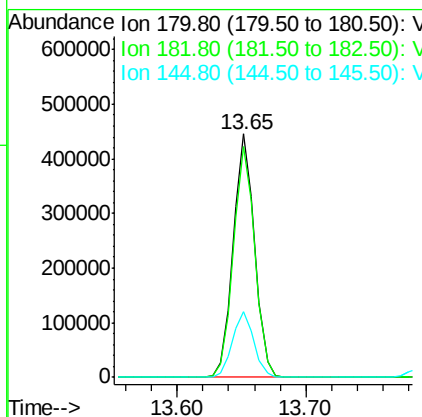
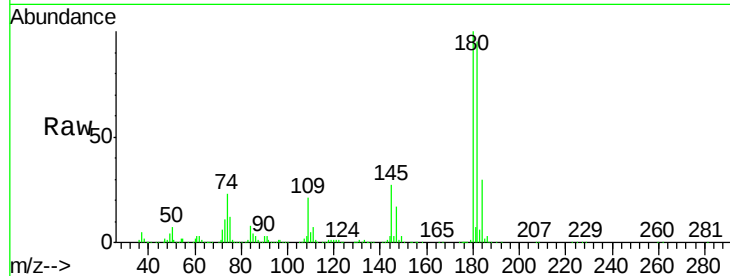




#93
 1,2,4-Trichlorobenzene
 Concen: 96.50 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

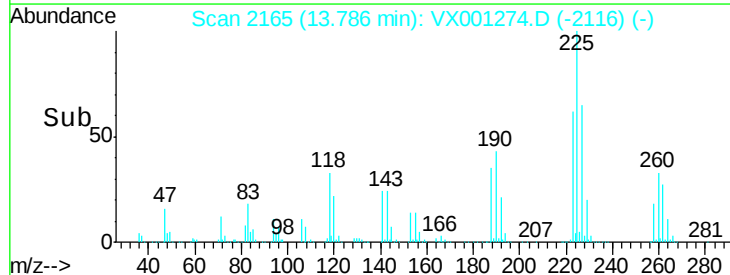
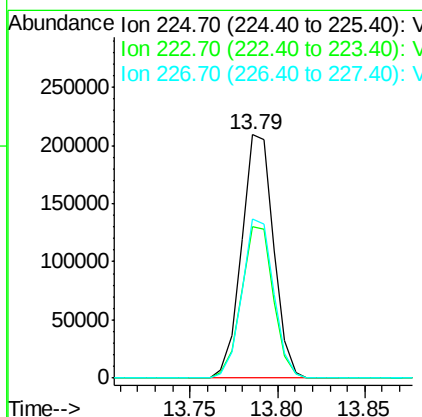
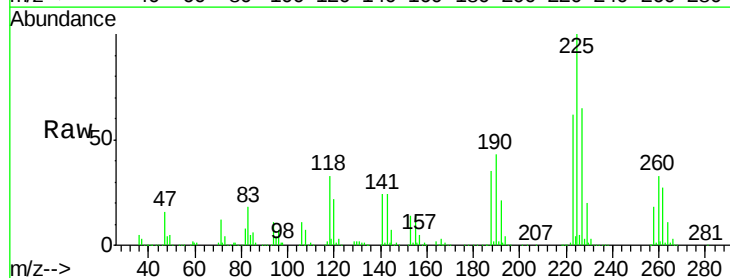
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

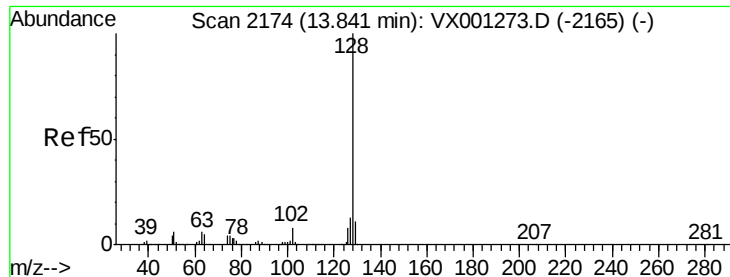
Tgt Ion:180 Resp: 517720
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 141.9
 145 27.2 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 103.30 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001274.D
 Acq: 01 May 2018 12:46

Tgt Ion:225 Resp: 265409
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.0
 227 64.7 32.5 97.5





#95

Naphthalene

Concen: 92.30 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

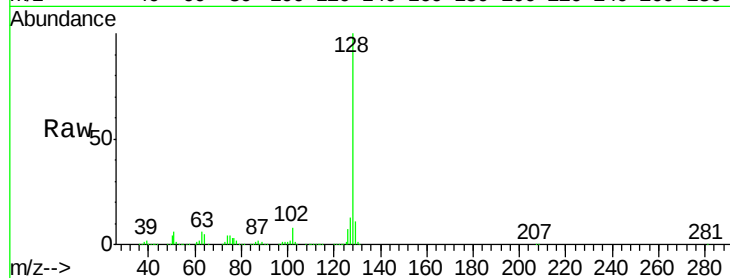
Tgt Ion:128 Resp: 1364062

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

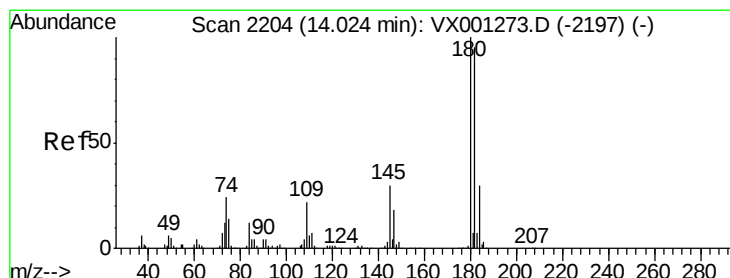
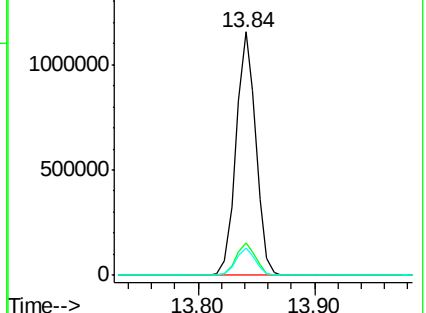
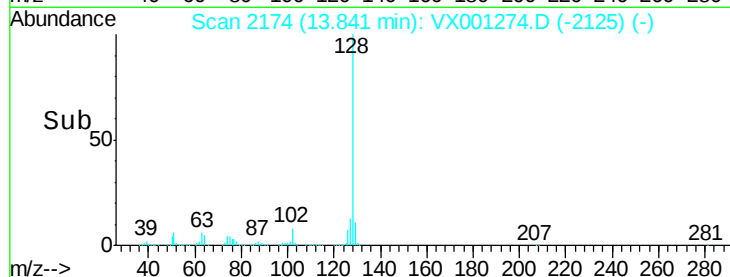
129 11.0 8.7 13.1



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: 95.19 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001274.D

Acq: 01 May 2018 12:46

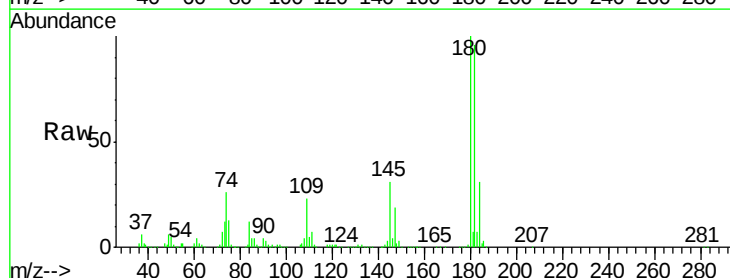
Tgt Ion:180 Resp: 507227

Ion Ratio Lower Upper

180 100

182 95.9 48.1 144.3

145 29.1 14.4 43.4



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

