

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010819\
 Data File : VX006952.D
 Acq On : 08 Jan 2019 13:18
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 12 01:01:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	588062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	859215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	772831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	405933	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	596595	97.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.14%	
35) Dibromofluoromethane	5.50	113	551633	100.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.50%	
50) Toluene-d8	8.71	98	2030742	100.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.66%	
62) 4-Bromofluorobenzene	11.14	95	707563	100.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	518800	107.431	ug/l	99
3) Chloromethane	1.32	50	551892	98.171	ug/l	98
4) Vinyl Chloride	1.41	62	596035	98.562	ug/l	99
5) Bromomethane	1.64	94	598382	92.615	ug/l	98
6) Chloroethane	1.70	64	434587	102.921	ug/l	100
7) Trichlorofluoromethane	1.92	101	960801	98.331	ug/l	97
8) Diethyl Ether	2.19	74	370388	95.280	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	555139	94.897	ug/l	99
10) Methyl Iodide	2.51	142	874269	110.793	ug/l	99
11) Tert butyl alcohol	3.09	59	699426	482.449	ug/l	100
12) 1,1-Dichloroethene	2.37	96	526090	97.339	ug/l	99
13) Acrolein	2.30	56	304418	483.952	ug/l	98
14) Allyl chloride	2.73	41	922189	99.559	ug/l	99
15) Acrylonitrile	3.15	53	1630741	489.994	ug/l	99
16) Acetone	2.45	43	1409211	463.821	ug/l	99
17) Carbon Disulfide	2.57	76	1425680	102.456	ug/l	99
18) Methyl Acetate	2.78	43	815108	92.640	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	1823984	97.232	ug/l	99
20) Methylene Chloride	2.85	84	580961	101.112	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	563253	93.517	ug/l	97
22) Diisopropyl ether	3.87	45	1681240	96.547	ug/l	96
23) Vinyl Acetate	3.82	43	7285219	496.086	ug/l	99
24) 1,1-Dichloroethane	3.70	63	942493	96.793	ug/l	99
25) 2-Butanone	4.70	43	2070216	476.206	ug/l	97
26) 2,2-Dichloropropane	4.58	77	751321	100.343	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	628885	94.662	ug/l	98
28) Bromochloromethane	5.02	49	417078	97.764	ug/l	97
29) Tetrahydrofuran	5.15	42	1372502	485.805	ug/l	97
30) Chloroform	5.22	83	987673	96.881	ug/l	98
31) Cyclohexane	5.57	56	845358	97.544	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	875320	101.296	ug/l	99
36) 1,1-Dichloropropene	5.80	75	733348	98.170	ug/l	99
37) Ethyl Acetate	4.85	43	801845	100.121	ug/l	98
38) Carbon Tetrachloride	5.78	117	780644	103.866	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	925827	97.216	ug/l	99
40) Benzene	6.14	78	2202281	96.618	ug/l	99
41) Methacrylonitrile	5.07	41	440674	95.515	ug/l	98
42) 1,2-Dichloroethane	6.20	62	747455	94.895	ug/l	99
43) Isopropyl Acetate	6.46	43	1305644	103.355	ug/l	97
44) Trichloroethene	7.21	130	646220	94.610	ug/l	97
45) 1,2-Dichloropropane	7.52	63	561522	97.989	ug/l	98
46) Dibromomethane	7.66	93	401636	99.727	ug/l	97
47) Bromodichloromethane	7.90	83	736319	107.411	ug/l	98
48) Methyl methacrylate	7.77	41	649267	100.082	ug/l	98
49) 1,4-Dioxane	7.76	88	306172	2075.854	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	4058978	499.967	ug/l	99
52) Toluene	8.79	92	1434869	97.941	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	835784	109.950	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	915147	109.016	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	581616	99.184	ug/l	98
56) Ethyl methacrylate	9.18	69	880866	102.897	ug/l	95
57) 1,3-Dichloropropane	9.37	76	939017	97.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	2210804	502.282	ug/l	99
59) 2-Hexanone	9.50	43	3125906	505.258	ug/l	100
60) Dibromochloromethane	9.59	129	651385	114.396	ug/l	99
61) 1,2-Dibromoethane	9.67	107	649248	100.571	ug/l	99
64) Tetrachloroethene	9.34	164	626445	93.626	ug/l	96
65) Chlorobenzene	10.14	112	1625113	96.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	603105	106.362	ug/l	99
67) Ethyl Benzene	10.25	91	2713761	97.523	ug/l	99
68) m/p-Xylenes	10.36	106	2175538	198.437	ug/l	99
69) o-Xylene	10.70	106	1042306	97.484	ug/l	97
70) Styrene	10.71	104	1707539	100.835	ug/l	99
71) Bromoform	10.86	173	511380	96.000	ug/l	99
73) Isopropylbenzene	11.02	105	2740184	95.731	ug/l	99
74) N-amyl acetate	10.90	43	1187886	103.074	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	879718	96.809	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1042148	126.689	ug/l	91
77) Bromobenzene	11.26	156	751707	95.310	ug/l	99
78) n-propylbenzene	11.36	91	3045205	96.910	ug/l	99
79) 2-Chlorotoluene	11.42	91	1778632	94.031	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	2288172	95.669	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	280452	98.887	ug/l	96
82) 4-Chlorotoluene	11.51	91	2123952	96.980	ug/l	100
83) tert-Butylbenzene	11.77	119	2338657	98.003	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2329940	96.875	ug/l	99
85) sec-Butylbenzene	11.94	105	2726387	95.666	ug/l	100
86) p-Isopropyltoluene	12.07	119	2472031	96.974	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1342662	94.185	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1350884	99.870	ug/l	99
89) n-Butylbenzene	12.39	91	2192771	100.907	ug/l	99
90) Hexachloroethane	12.60	117	419951	100.099	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	1339304	95.201	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	193386	107.603	ug/l	98

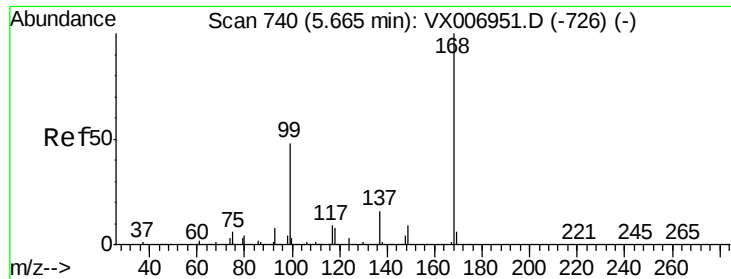
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010819\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	967241	100.214	ug/l	99
94) Hexachlorobutadiene	13.78	225	420088	98.080	ug/l	98
95) Naphthalene	13.83	128	2903025	99.259	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	951358	99.224	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

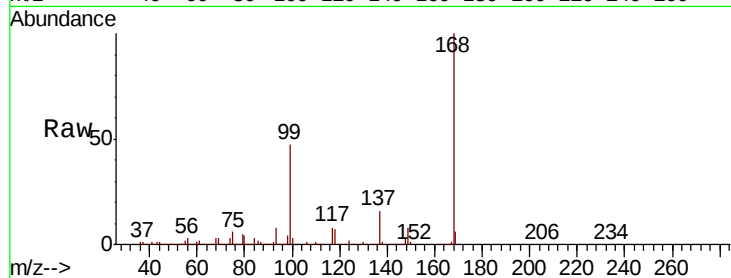
VSTDIC100

Tgt Ion:168 Resp: 588062

Ion Ratio Lower Upper

168 100

99 46.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

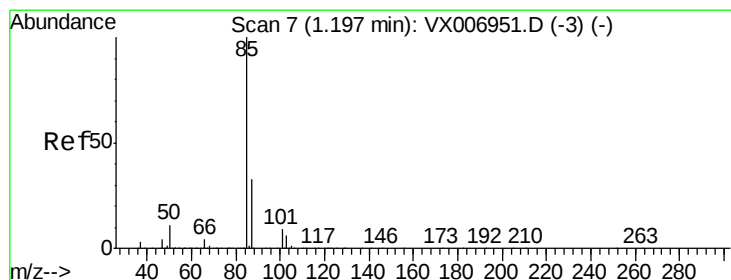
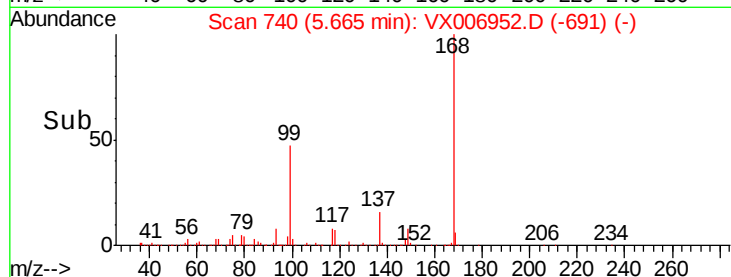
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 107.431 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006952.D

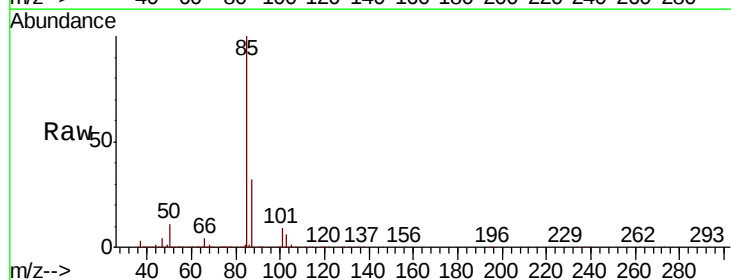
Acq: 08 Jan 2019 13:18

Tgt Ion: 85 Resp: 518800

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

600000

500000

400000

300000

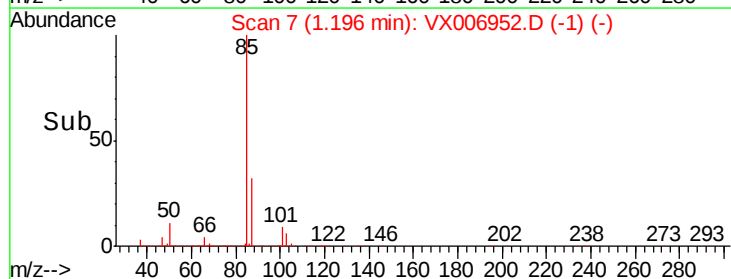
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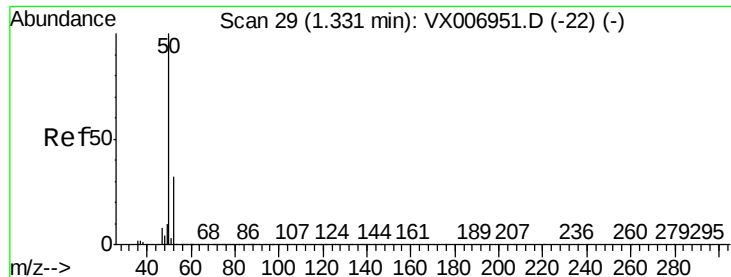
100000

0

1.20 1.30

Time-->





#3

Chloromethane

Concen: 98.171 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

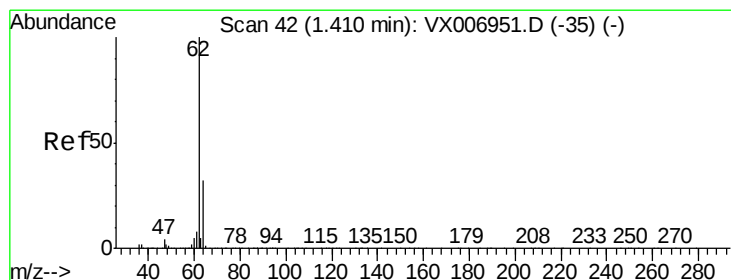
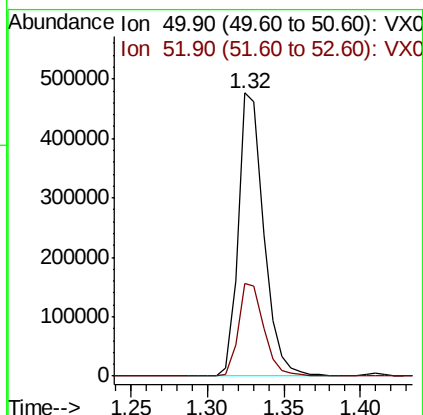
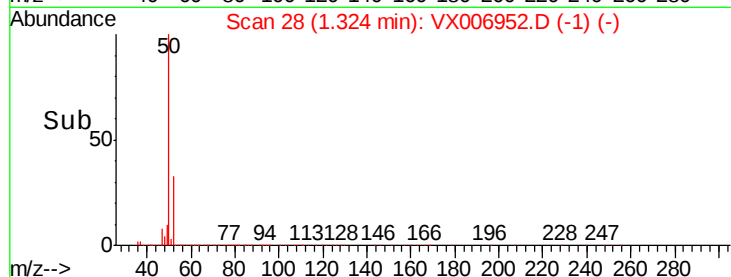
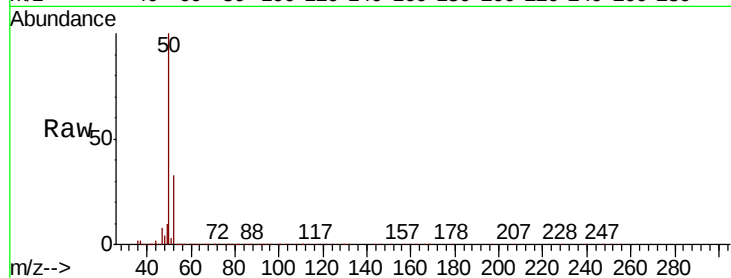
VSTDIC100

Tgt Ion: 50 Resp: 551892

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 98.562 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006952.D

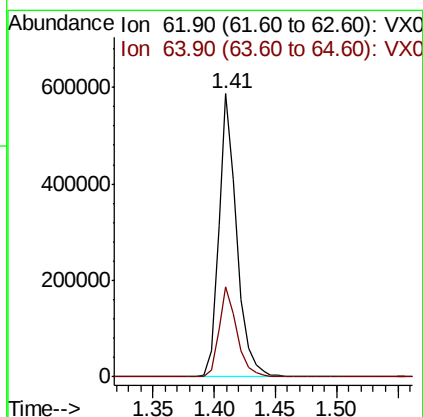
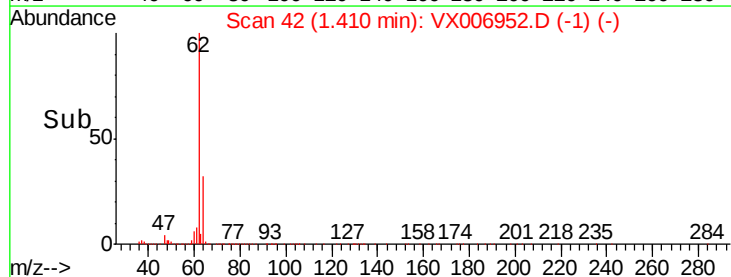
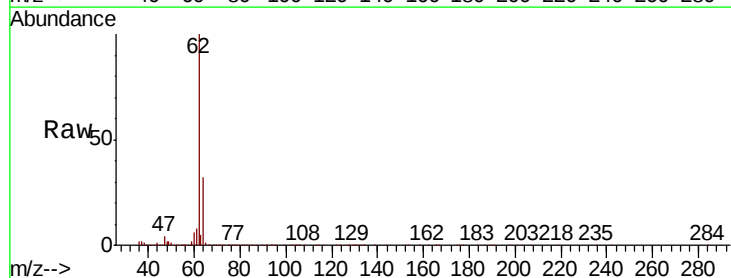
Acq: 08 Jan 2019 13:18

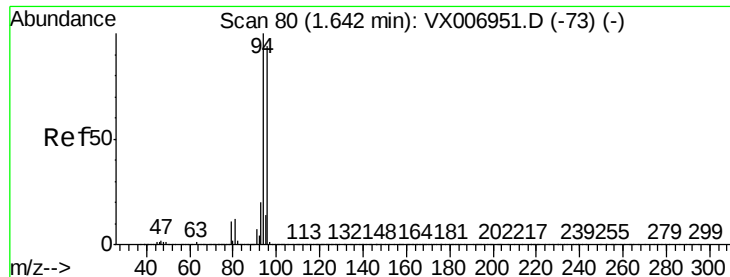
Tgt Ion: 62 Resp: 596035

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 92.615 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

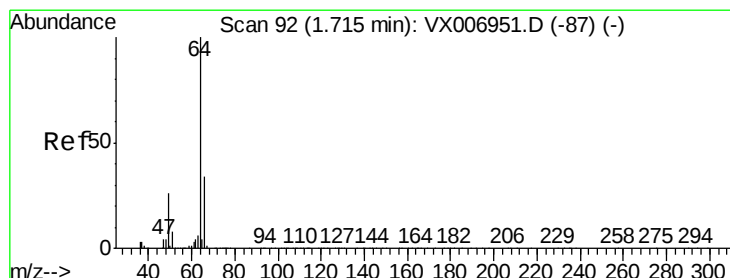
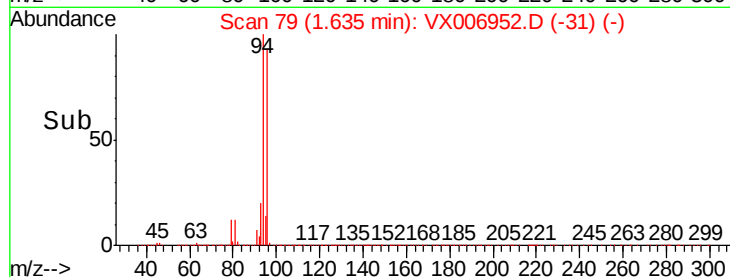
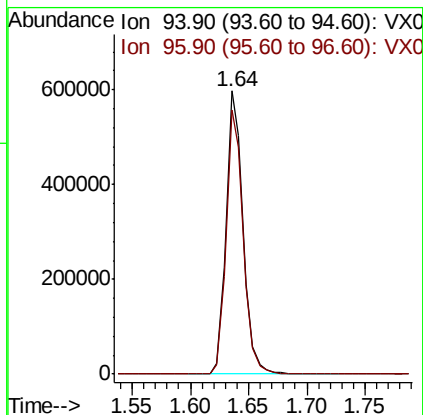
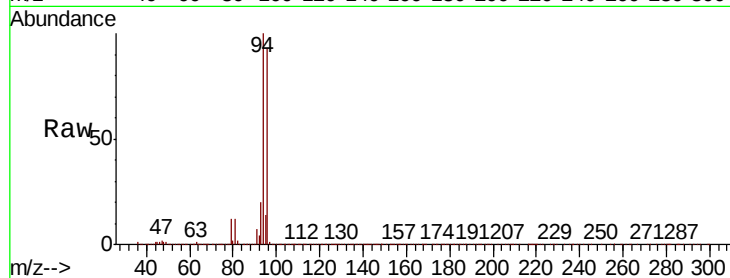
VSTDIC100

Tgt Ion: 94 Resp: 598382

Ion Ratio Lower Upper

94 100

96 93.3 73.4 110.2



#6

Chloroethane

Concen: 102.921 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX006952.D

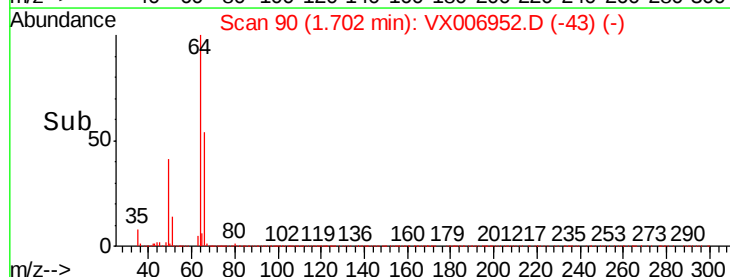
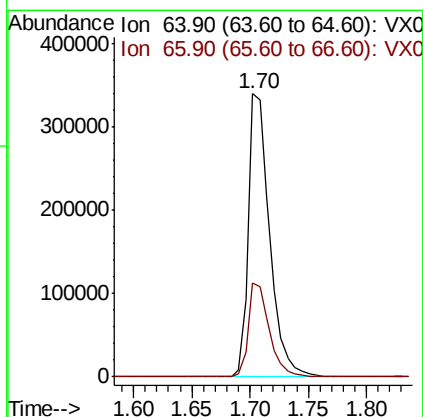
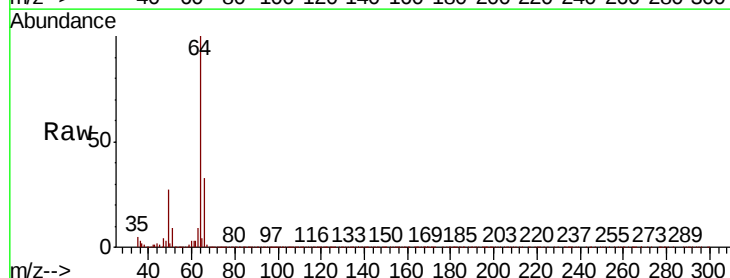
Acq: 08 Jan 2019 13:18

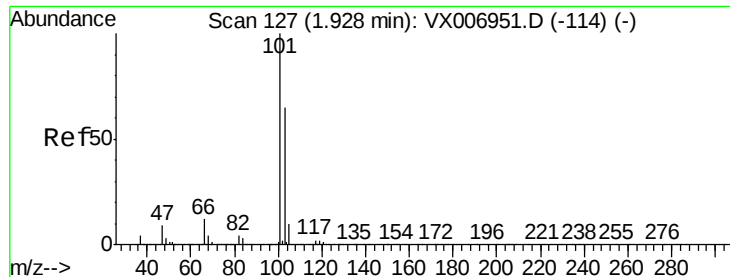
Tgt Ion: 64 Resp: 434587

Ion Ratio Lower Upper

64 100

66 33.1 26.4 39.6



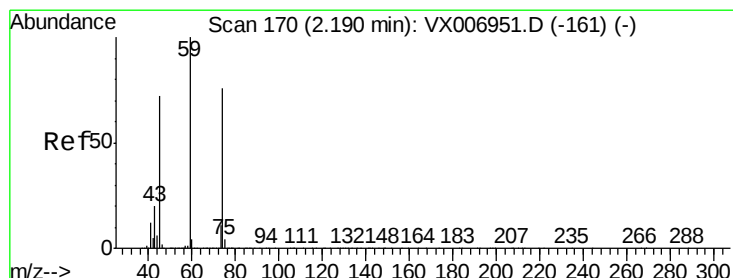
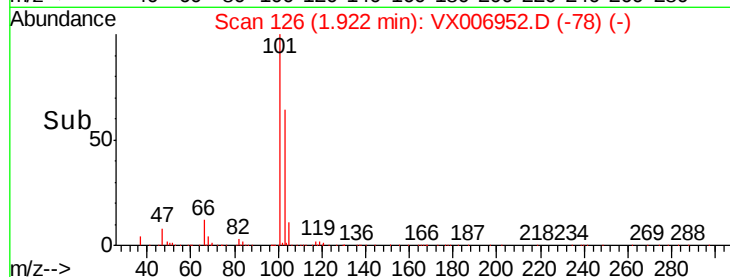
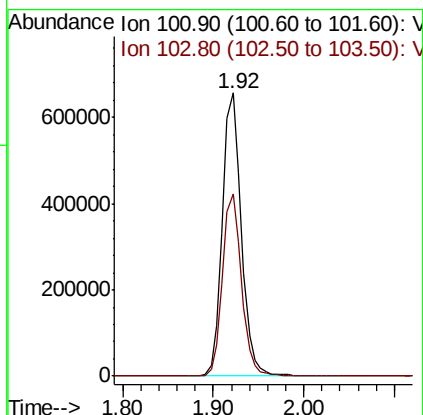
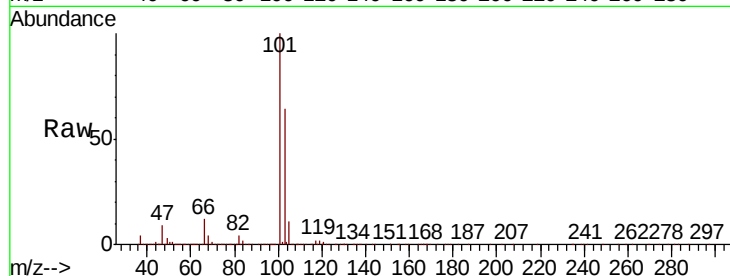


#7

Trichlorofluoromethane
Concen: 98.331 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Instrument :
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VSTDIC100

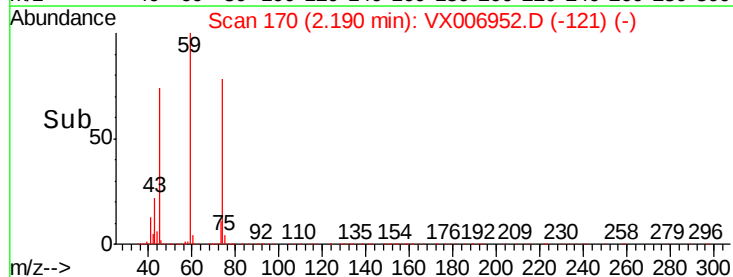
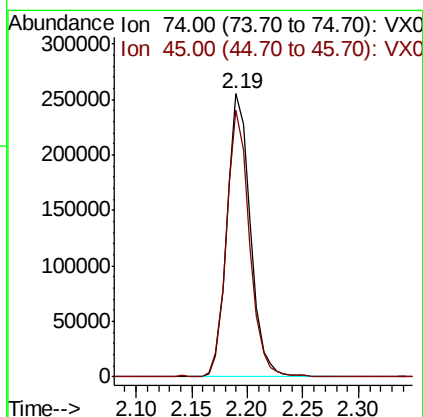
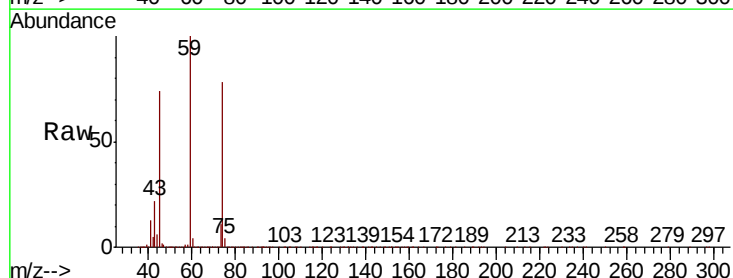
Tgt Ion:101 Resp: 960801
Ion Ratio Lower Upper
101 100
103 64.4 53.2 79.8

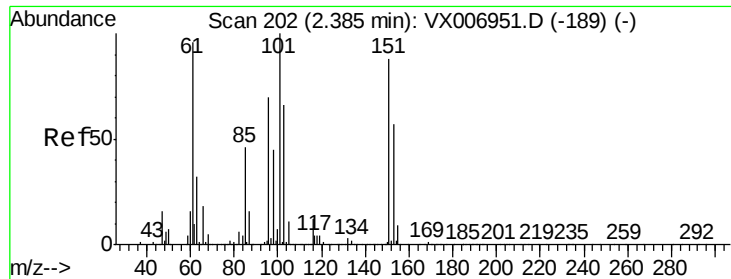


#8

Diethyl Ether
Concen: 95.280 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 74 Resp: 370388
Ion Ratio Lower Upper
74 100
45 92.9 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.897 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

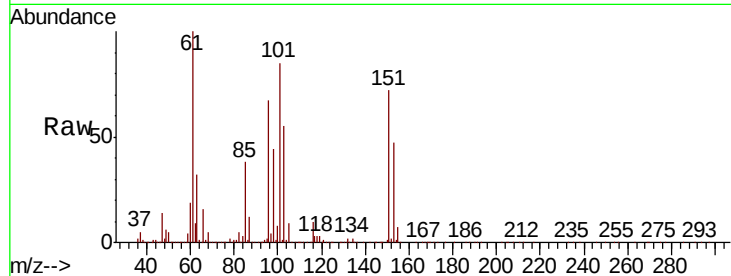
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

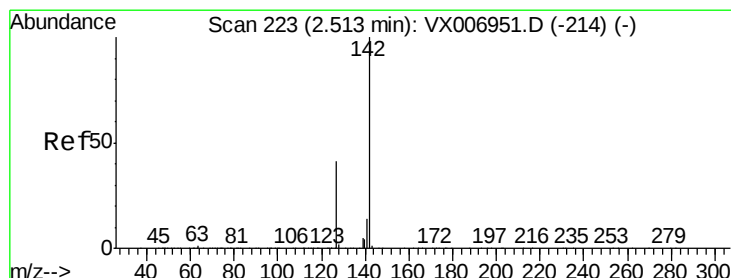
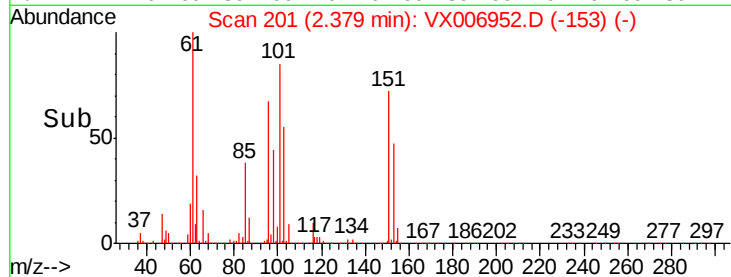
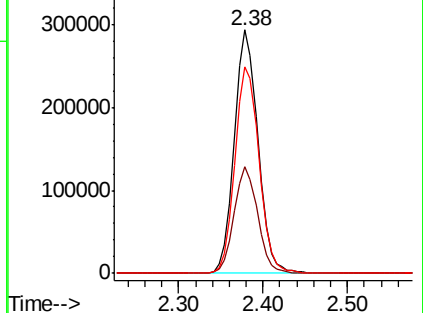
Tgt Ion:	101	Resp:	555139
Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.1	52.7
151	86.8	68.9	103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 110.793 ug/l

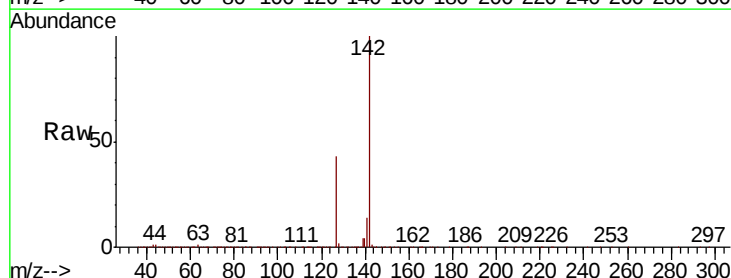
RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

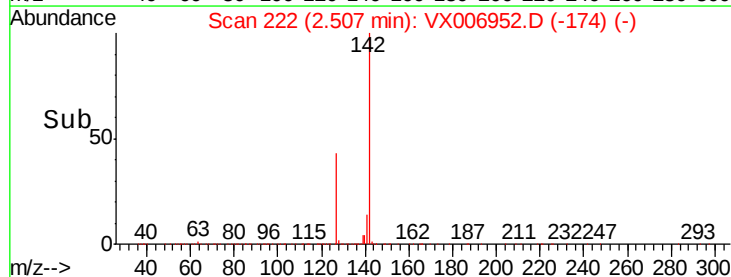
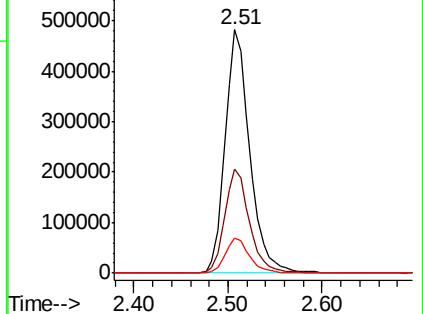
Tgt Ion:	142	Resp:	874269
Ion	Ratio	Lower	Upper
142	100		
127	42.8	33.9	50.9
141	14.2	11.4	17.0

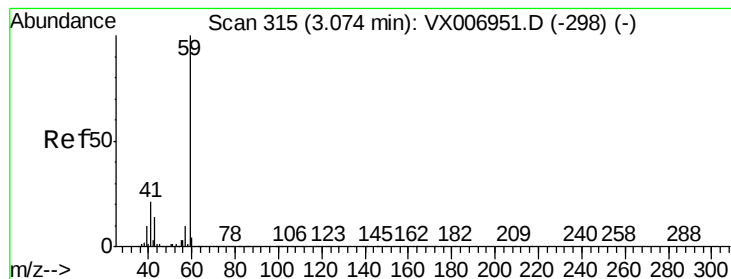


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



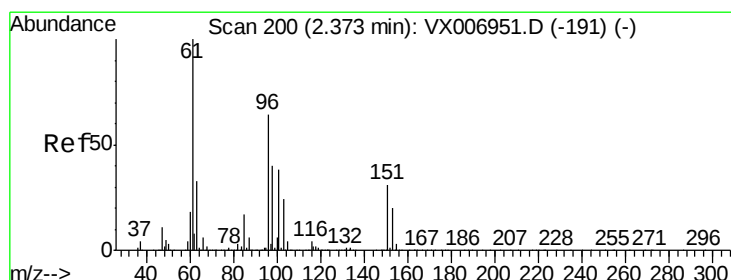
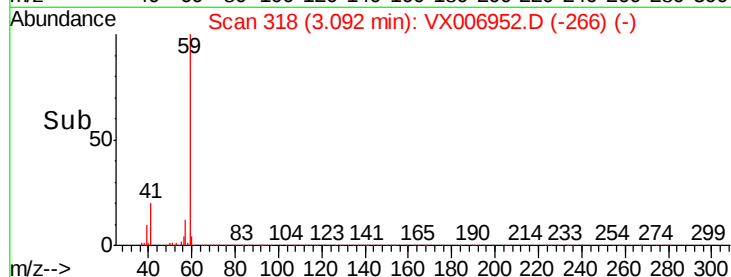
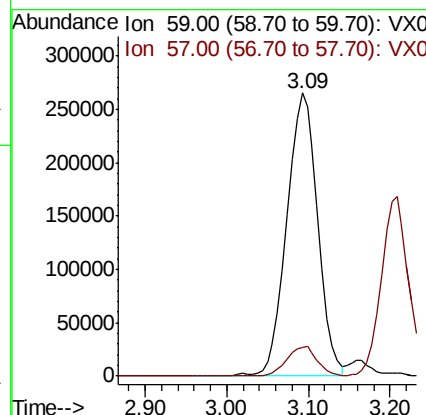
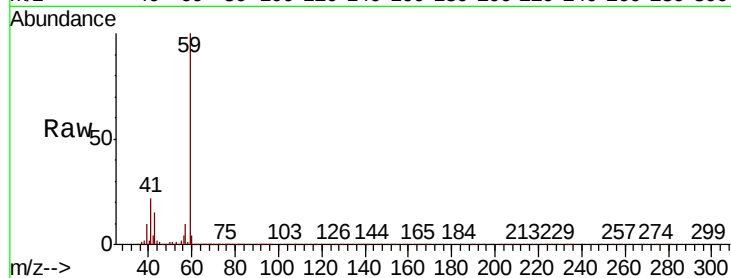


#11

Tert butyl alcohol
Concen: 482.449 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

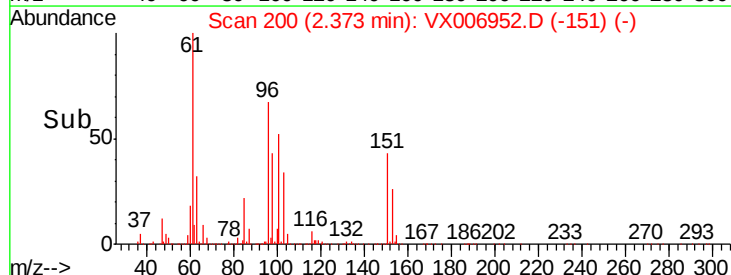
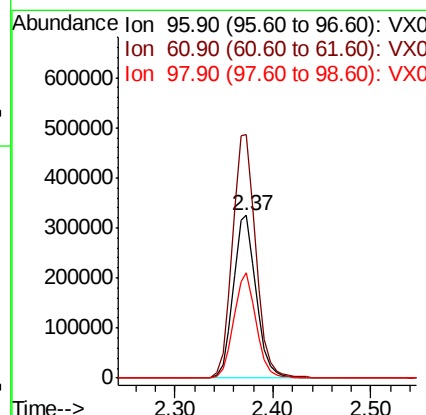
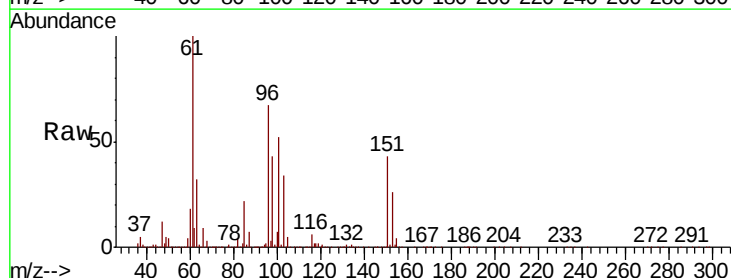
Tgt Ion: 59 Resp: 699426
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

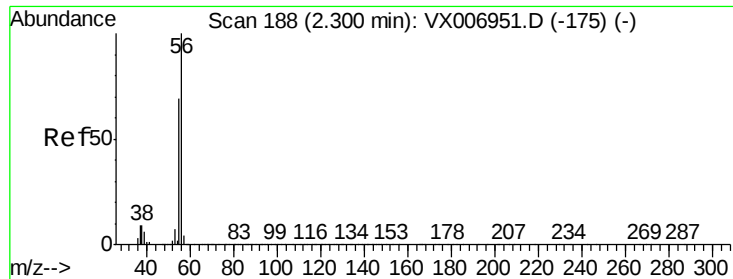


#12

1,1-Dichloroethene
Concen: 97.339 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 96 Resp: 526090
Ion Ratio Lower Upper
96 100
61 149.6 121.4 182.2
98 64.9 51.9 77.9

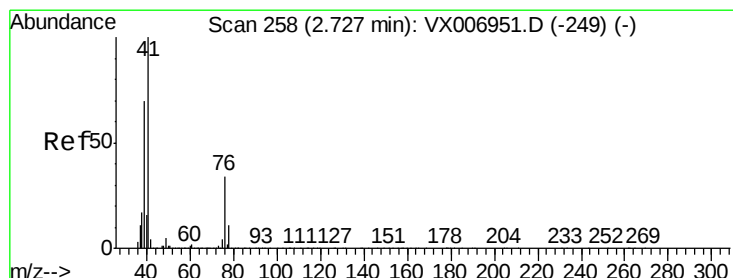
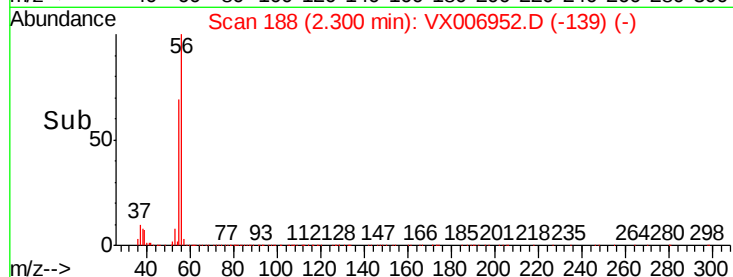
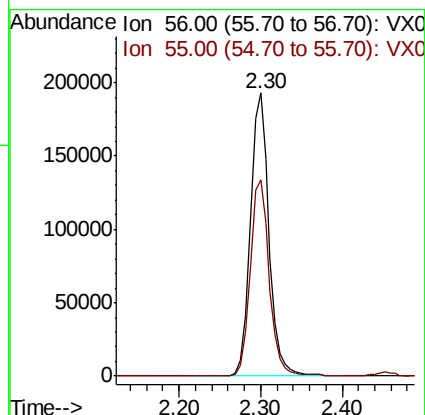
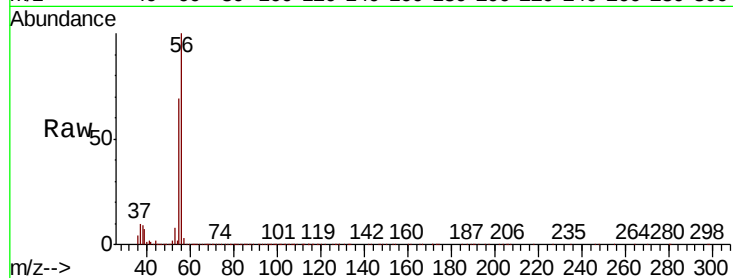




#13
Acrolein
Concen: 483.952 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

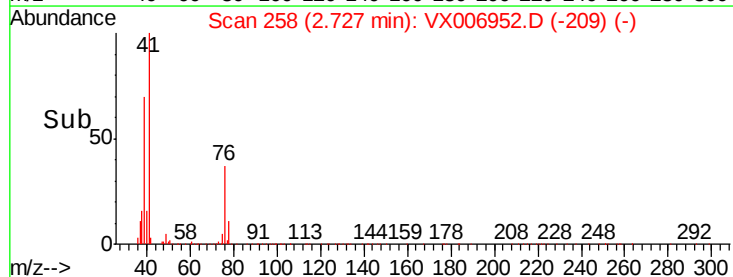
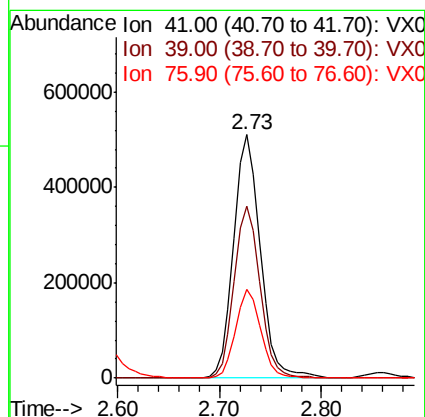
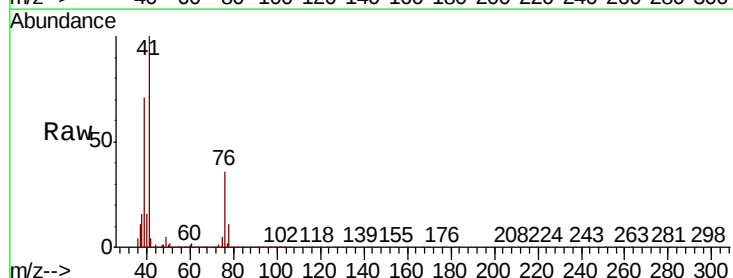
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

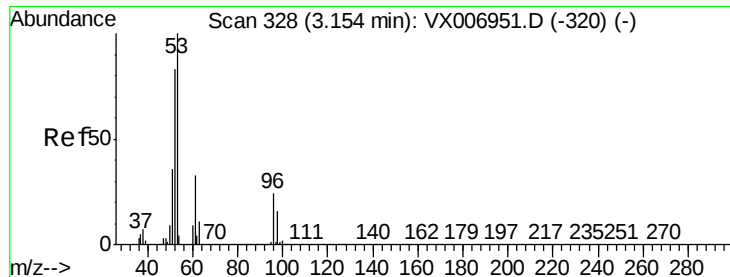
Tgt Ion: 56 Resp: 304418
Ion Ratio Lower Upper
56 100
55 71.5 58.2 87.4



#14
Allyl chloride
Concen: 99.559 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 41 Resp: 922189
Ion Ratio Lower Upper
41 100
39 68.4 53.6 80.4
76 34.4 27.4 41.2





#15

Acrylonitrile

Concen: 489.994 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

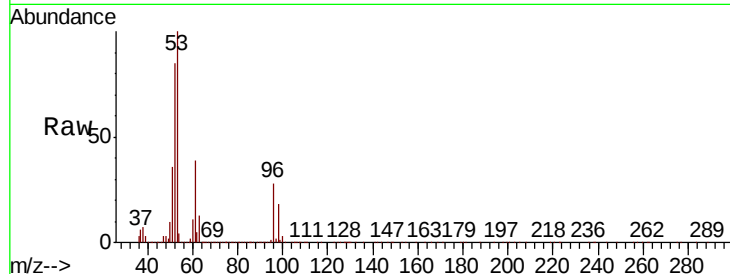
Tgt Ion: 53 Resp: 1630741

Ion Ratio Lower Upper

53 100

52 81.6 66.0 99.0

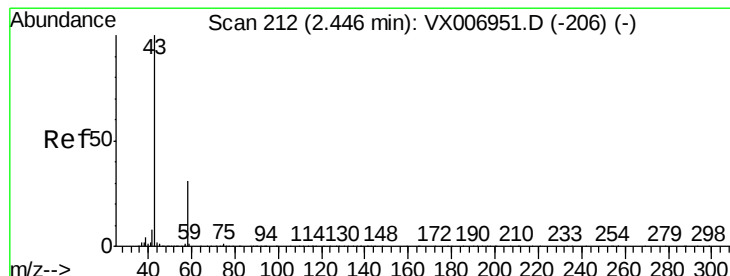
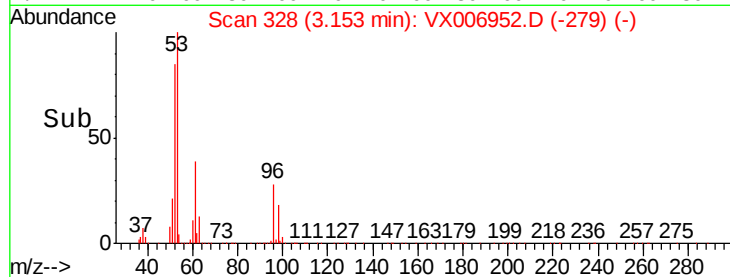
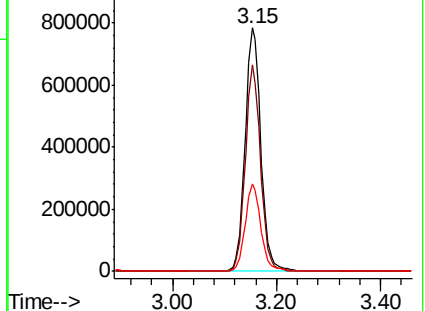
51 35.8 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 463.821 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006952.D

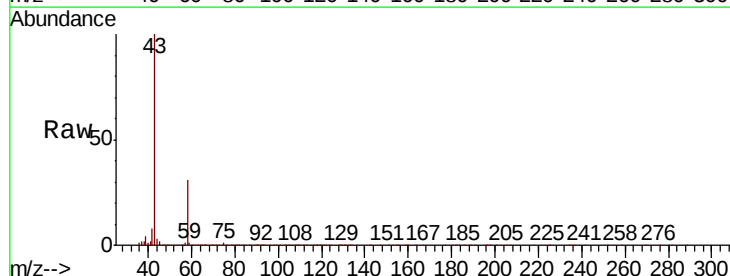
Acq: 08 Jan 2019 13:18

Tgt Ion: 43 Resp: 1409211

Ion Ratio Lower Upper

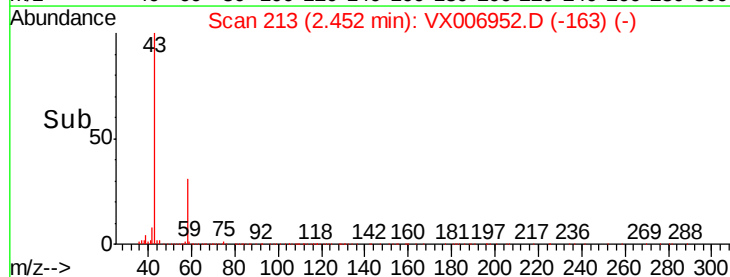
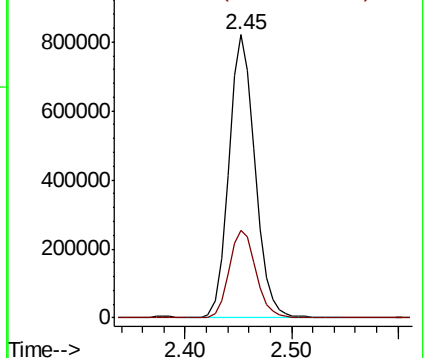
43 100

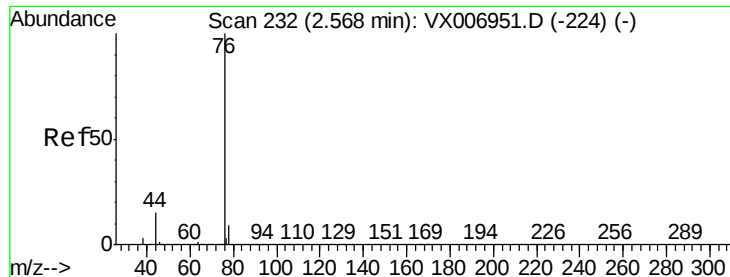
58 30.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 102.456 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

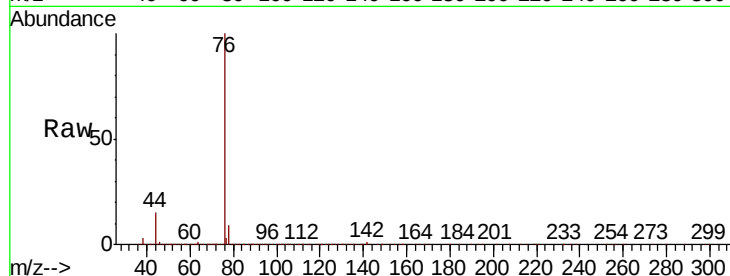
VSTDIC100

Tgt Ion: 76 Resp: 1425680

Ion Ratio Lower Upper

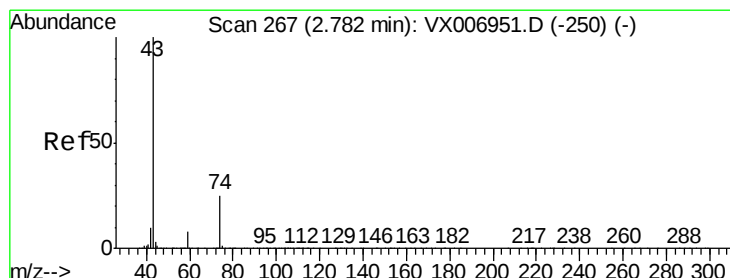
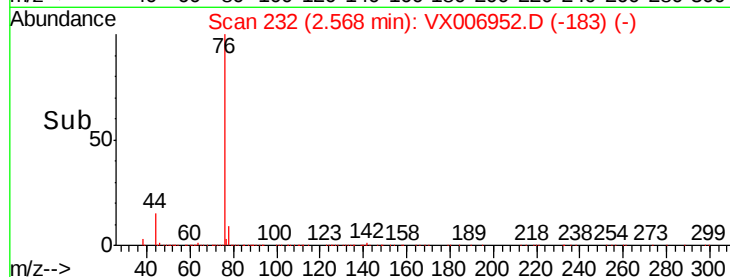
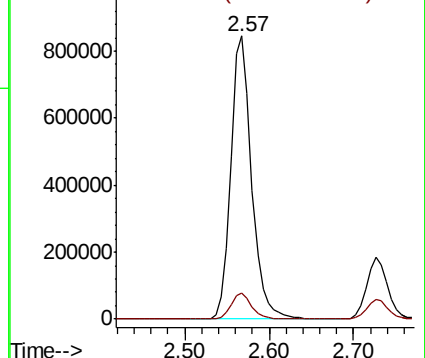
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 92.640 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006952.D

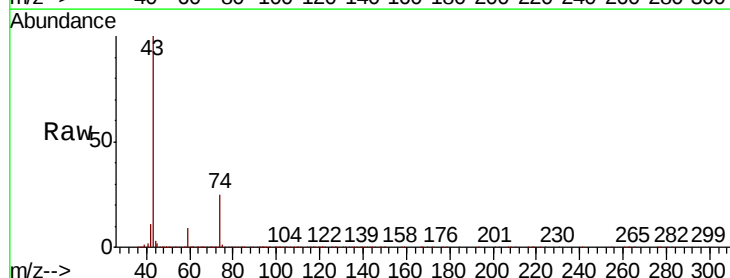
Acq: 08 Jan 2019 13:18

Tgt Ion: 43 Resp: 815108

Ion Ratio Lower Upper

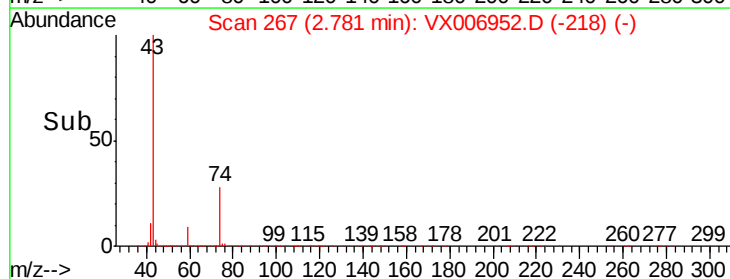
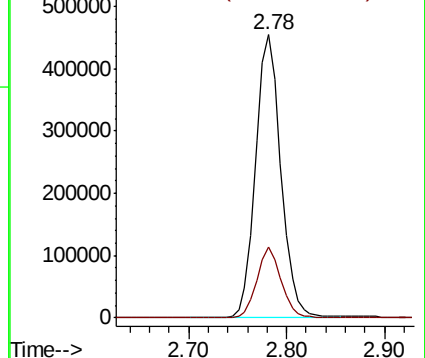
43 100

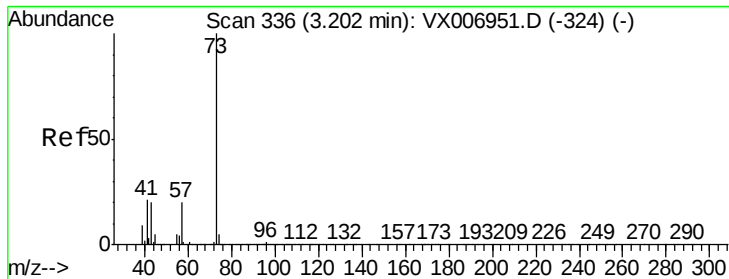
74 24.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 97.232 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

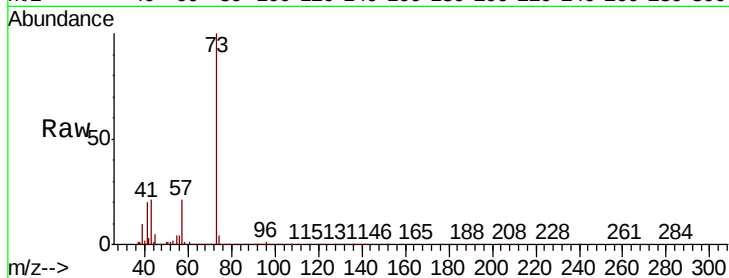
VSTDIC100

Tgt Ion: 73 Resp: 1823984

Ion Ratio Lower Upper

73 100

57 21.3 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

800000

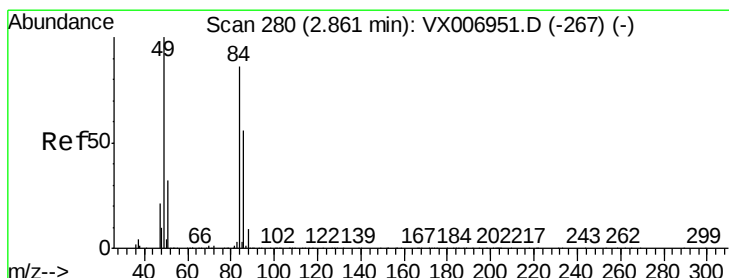
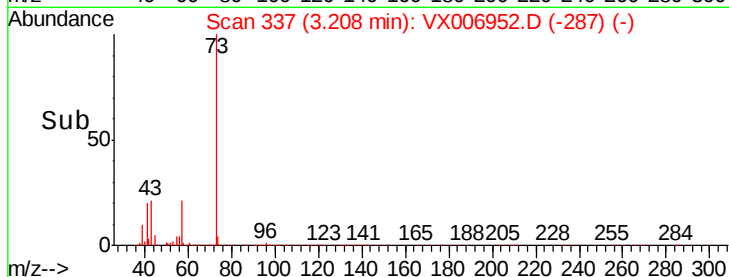
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 101.112 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Tgt Ion: 84 Resp: 580961

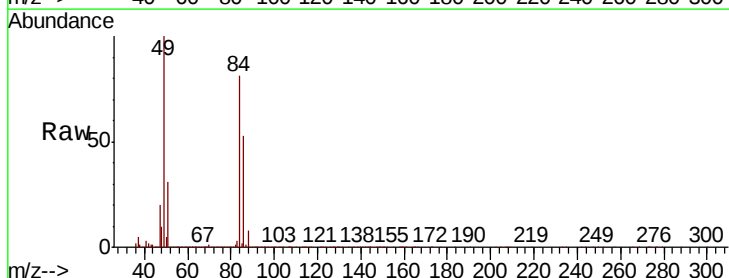
Ion Ratio Lower Upper

84 100

49 122.9 91.8 137.6

51 38.5 28.5 42.7

86 65.4 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

500000

400000

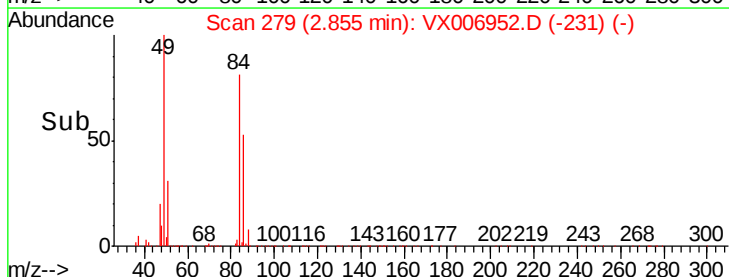
300000

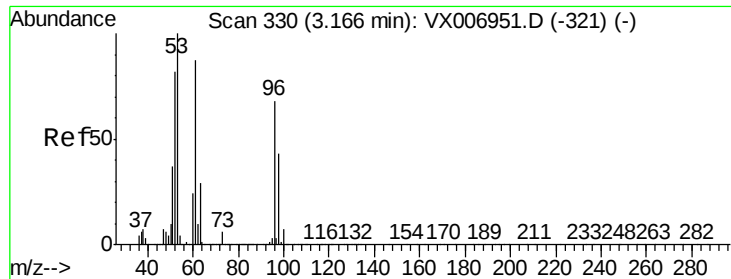
200000

100000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 93.517 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

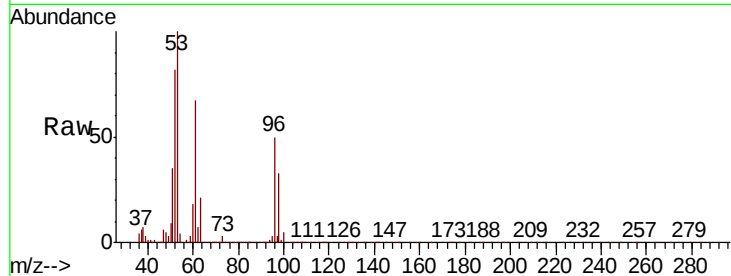
Tgt Ion: 96 Resp: 563253

Ion Ratio Lower Upper

96 100

61 133.3 103.7 155.5

98 64.9 51.0 76.6

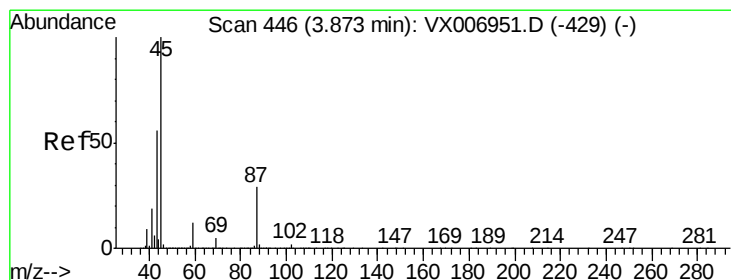
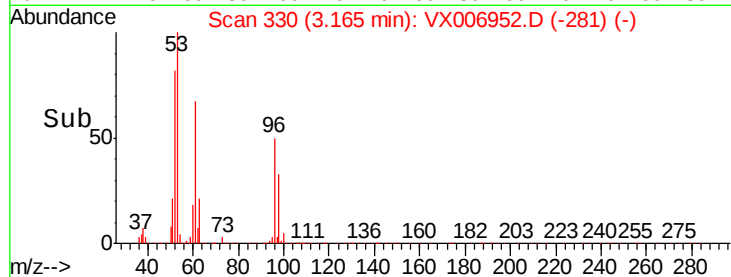
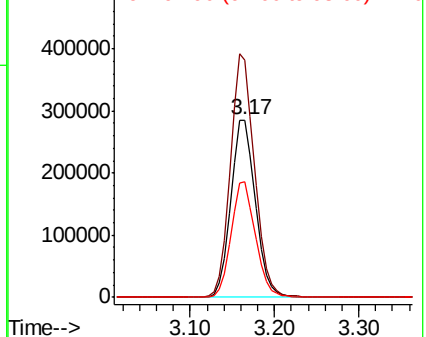


Abundance

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: 96.547 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Tgt Ion: 45 Resp: 1681240

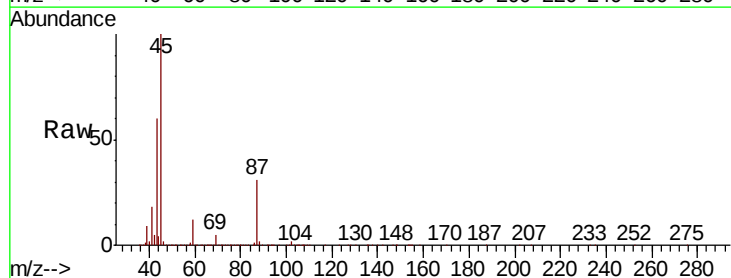
Ion Ratio Lower Upper

45 100

43 59.9 51.2 76.8

87 31.0 25.8 38.6

59 12.1 9.0 13.4



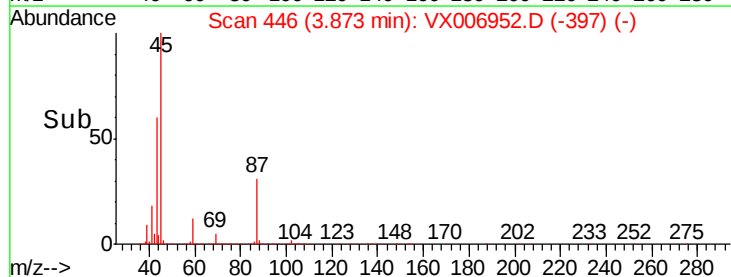
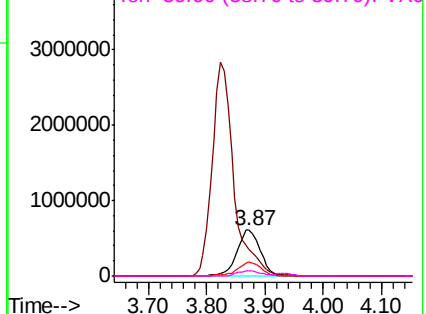
Abundance

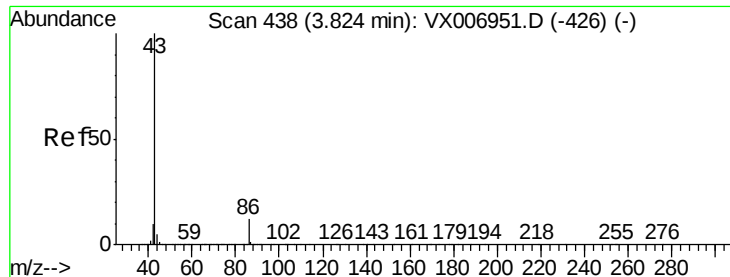
Ion 45.00 (44.70 to 45.70): VX0

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: 496.086 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

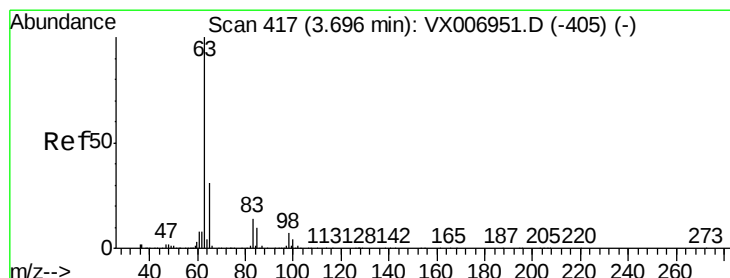
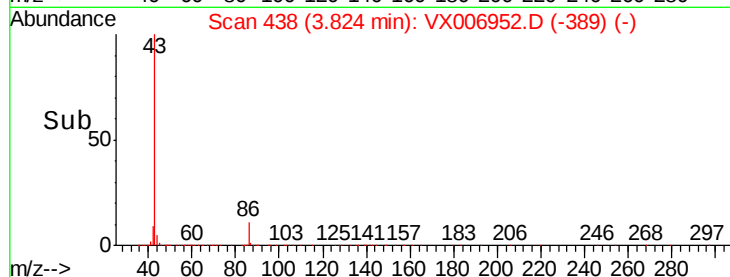
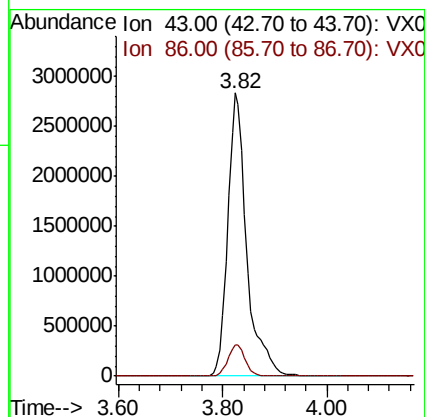
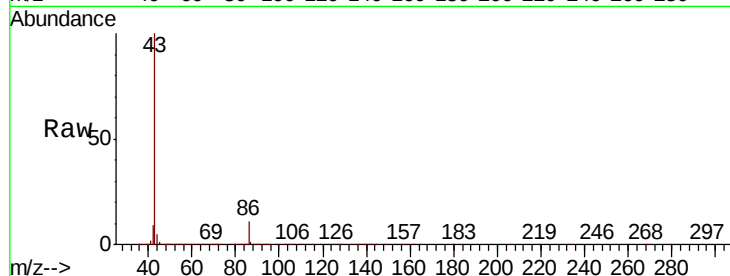
VSTDIC100

Tgt Ion: 43 Resp: 7285219

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 96.793 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

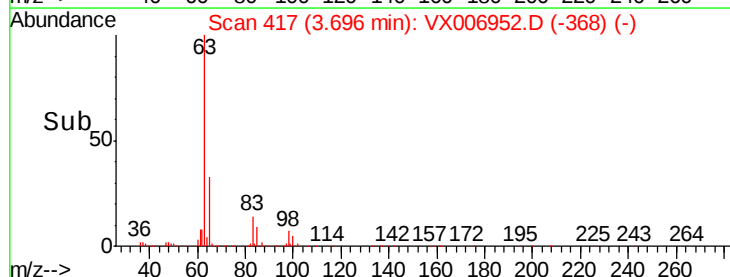
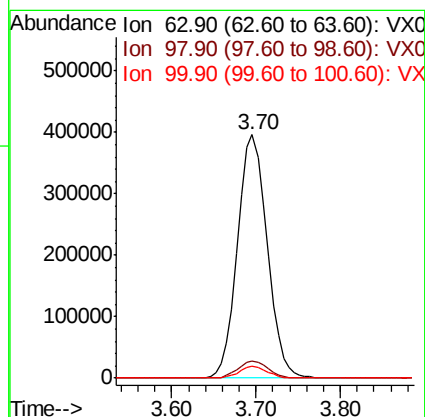
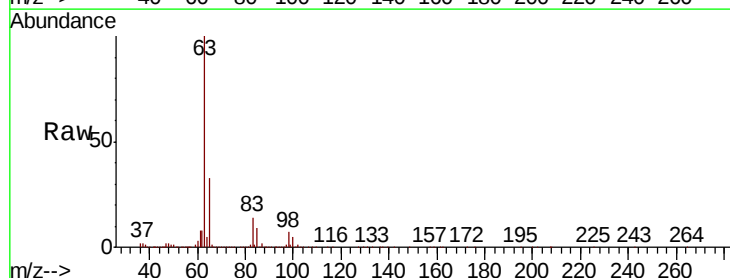
Tgt Ion: 63 Resp: 942493

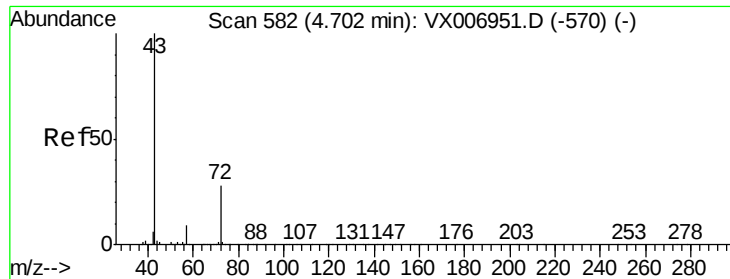
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 476.206 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

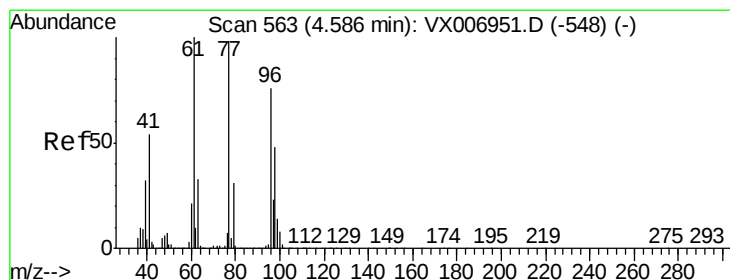
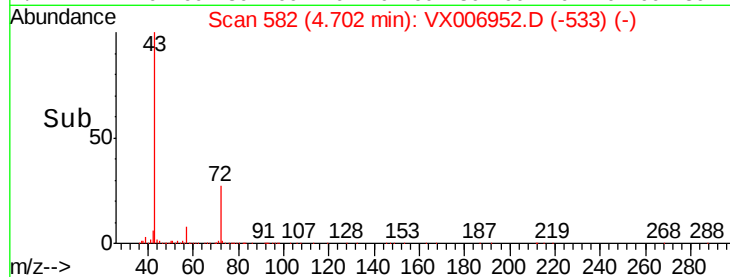
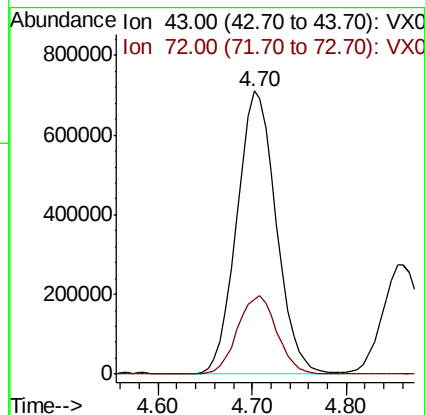
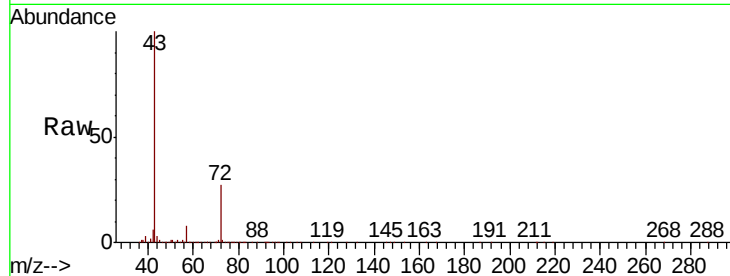
VSTDIC100

Tgt Ion: 43 Resp: 2070216

Ion Ratio Lower Upper

43 100

72 26.5 22.4 33.6



#26

2,2-Dichloropropane

Concen: 100.343 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006952.D

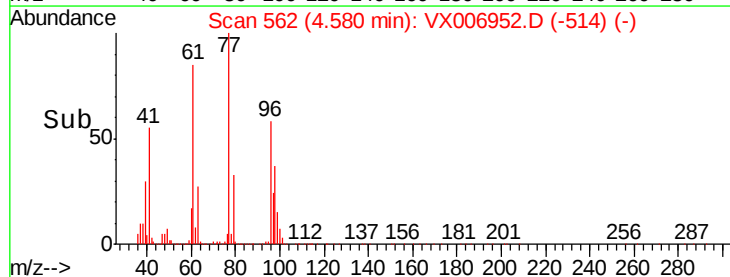
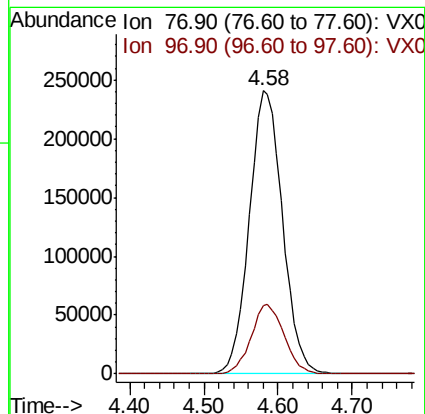
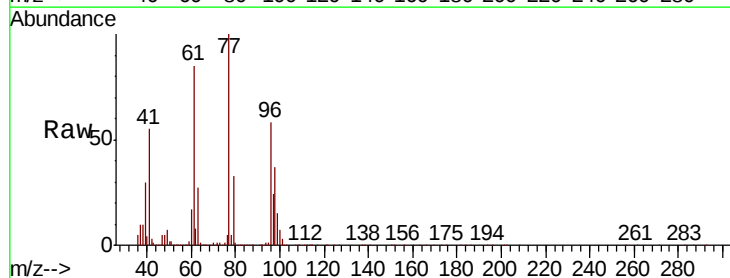
Acq: 08 Jan 2019 13:18

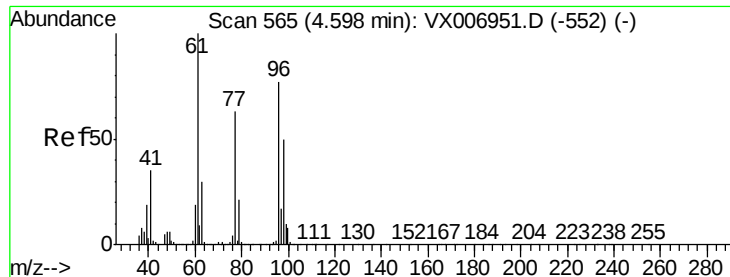
Tgt Ion: 77 Resp: 751321

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4



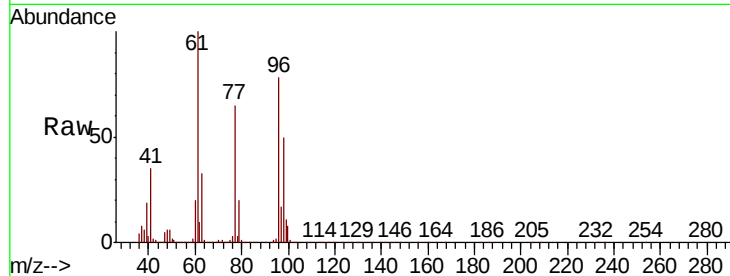


#27

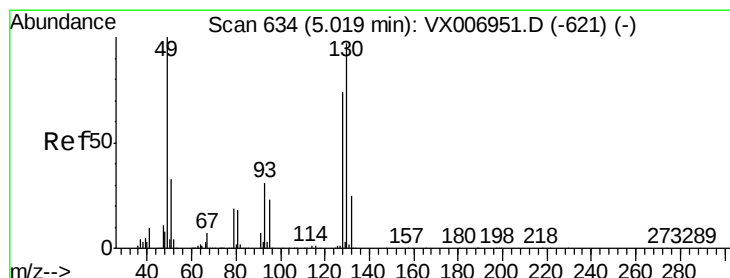
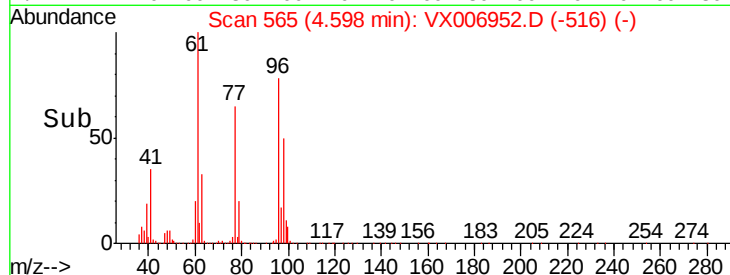
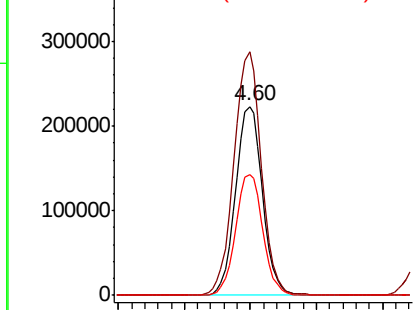
cis-1,2-Dichloroethene
Concen: 94.662 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	258.6
98	64.7	0.0	132.0



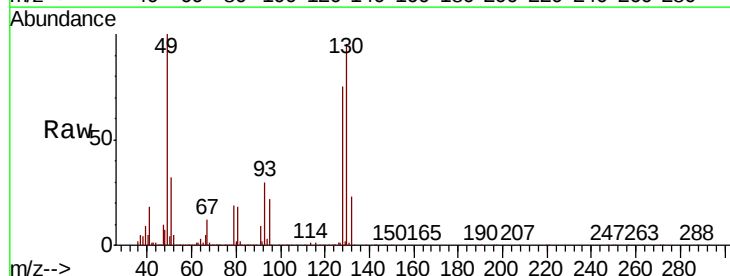
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



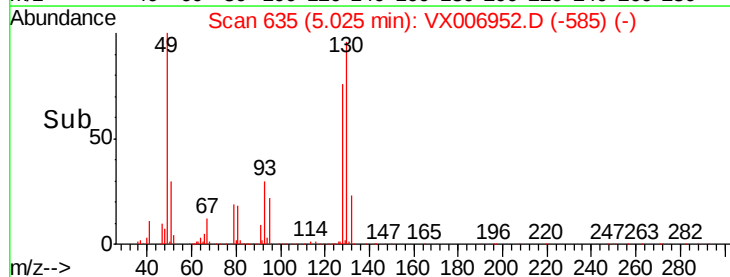
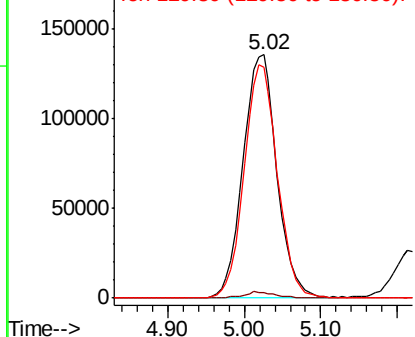
#28

Bromochloromethane
Concen: 97.764 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	94.1	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 485.805 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

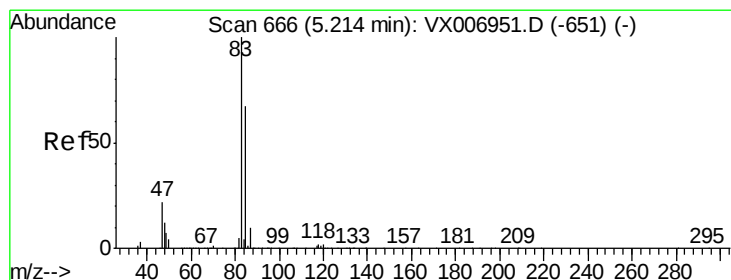
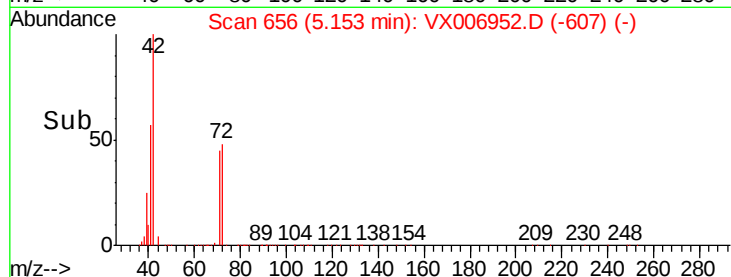
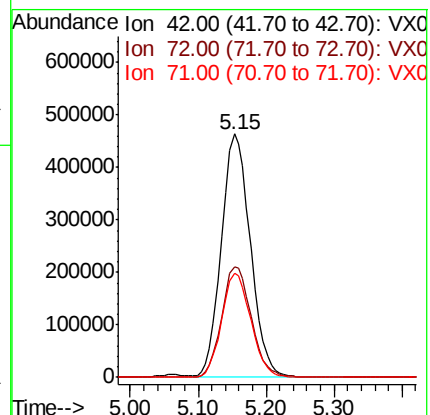
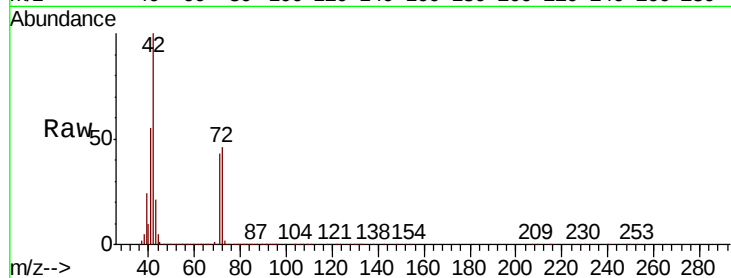
Tgt Ion: 42 Resp: 1372502

Ion Ratio Lower Upper

42 100

72 46.5 38.9 58.3

71 43.0 36.2 54.4



#30

Chloroform

Concen: 96.881 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006952.D

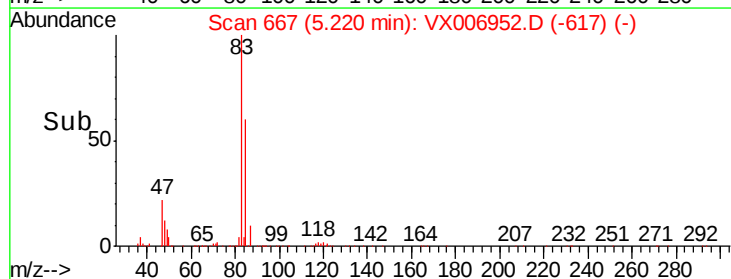
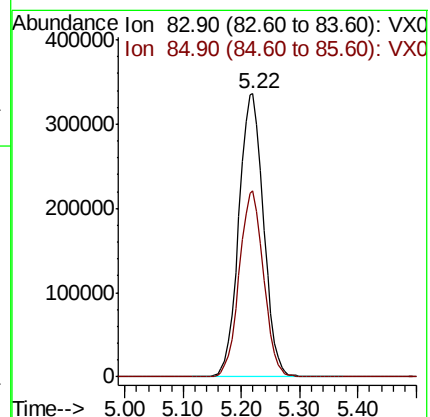
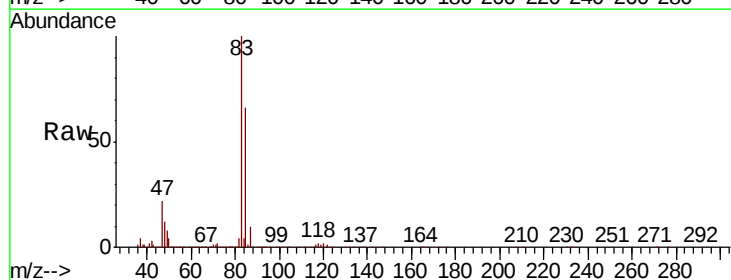
Acq: 08 Jan 2019 13:18

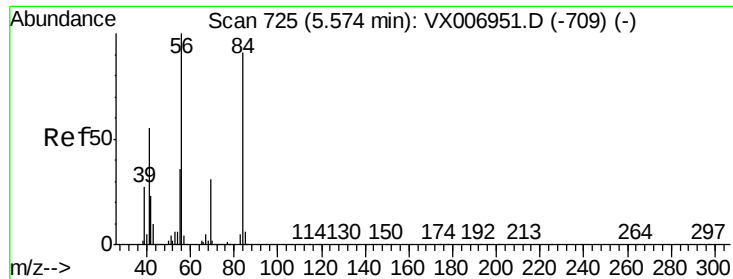
Tgt Ion: 83 Resp: 987673

Ion Ratio Lower Upper

83 100

85 65.7 51.2 76.8

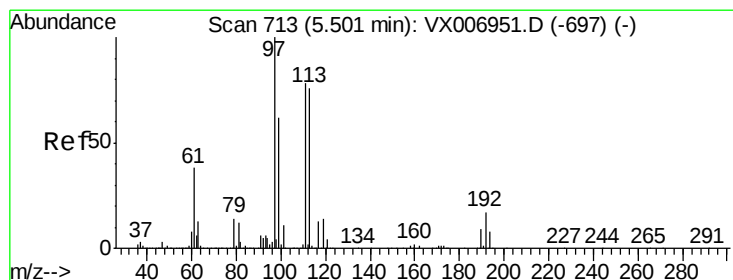
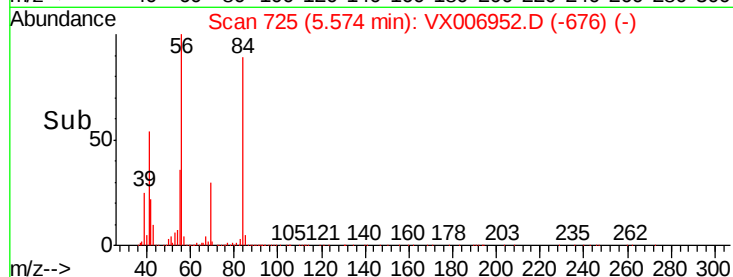
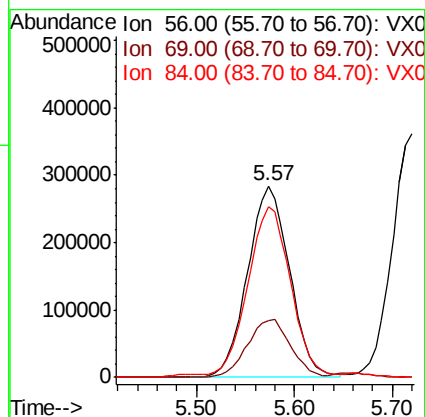
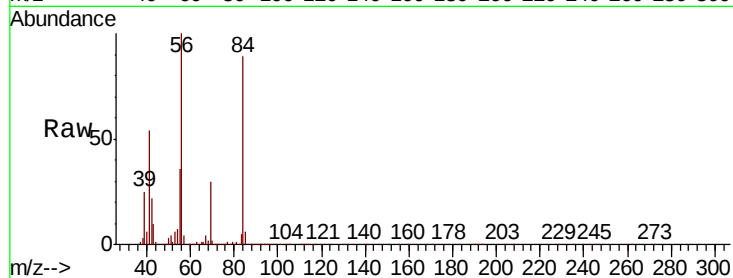




#31
Cyclohexane
Concen: 97.544 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

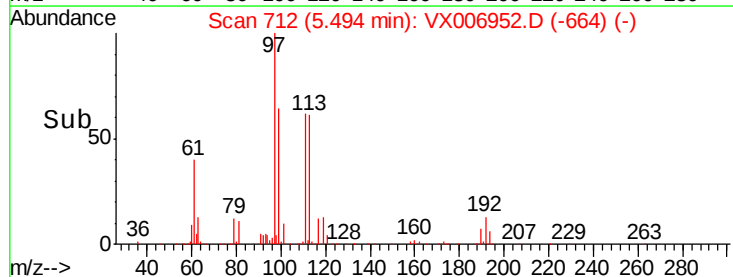
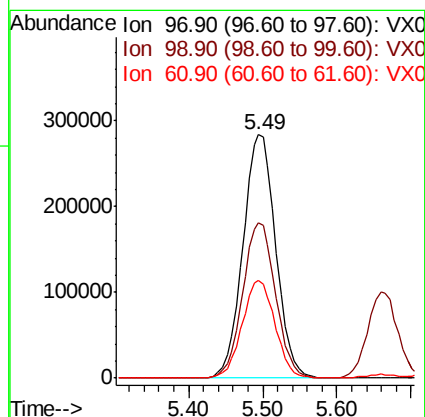
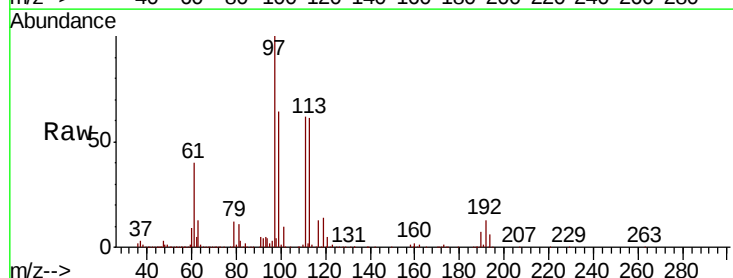
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

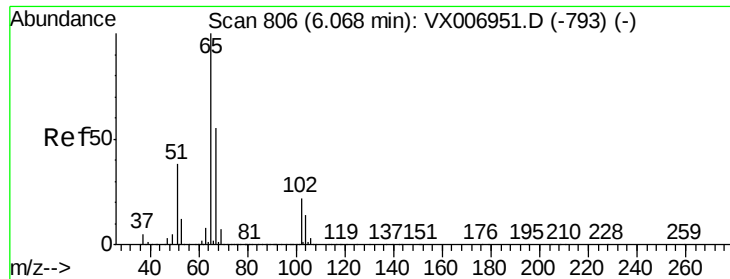
Tgt Ion: 56 Resp: 845358
Ion Ratio Lower Upper
56 100
69 29.8 24.4 36.6
84 87.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 101.296 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 97 Resp: 875320
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 40.4 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 97.074 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

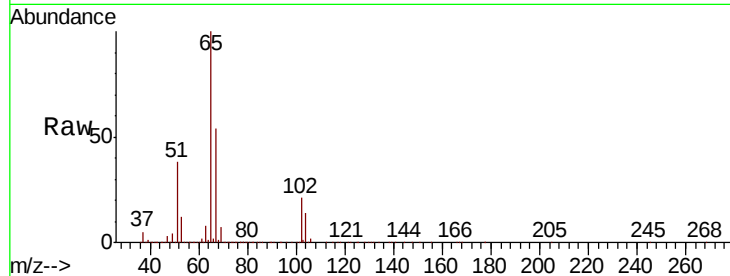
VSTDIC100

Tgt Ion: 65 Resp: 596595

Ion Ratio Lower Upper

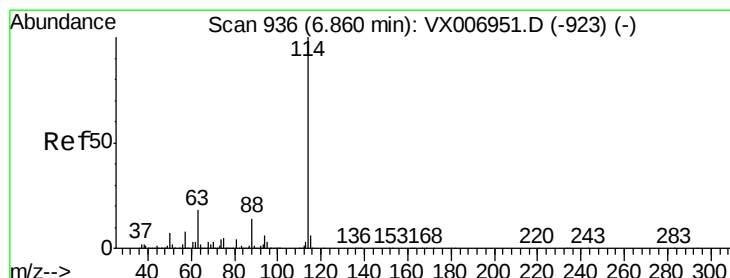
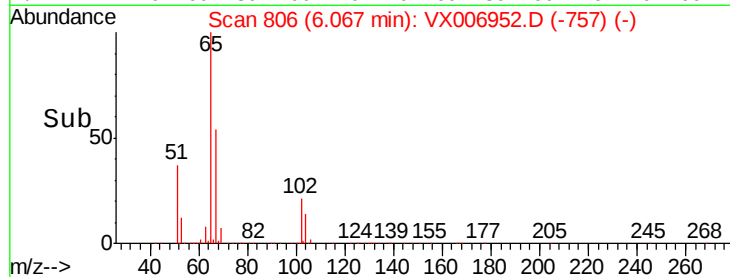
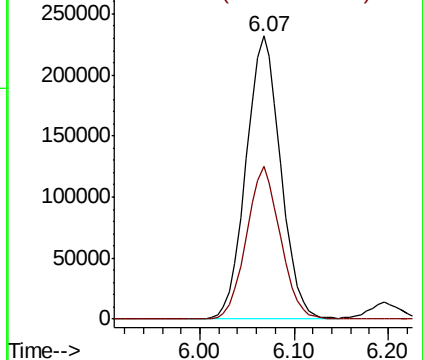
65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

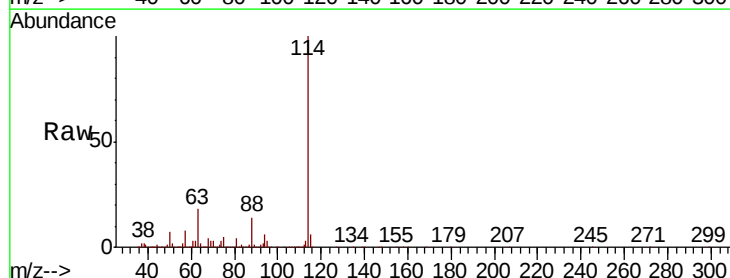
Tgt Ion: 114 Resp: 859215

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

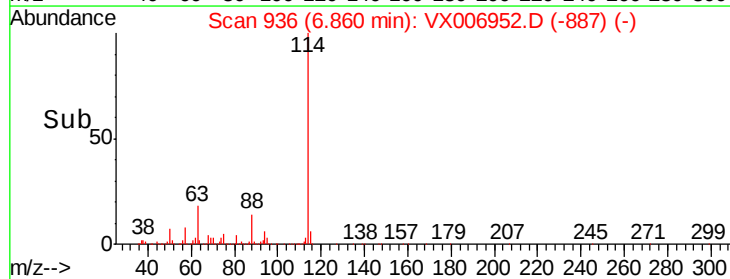
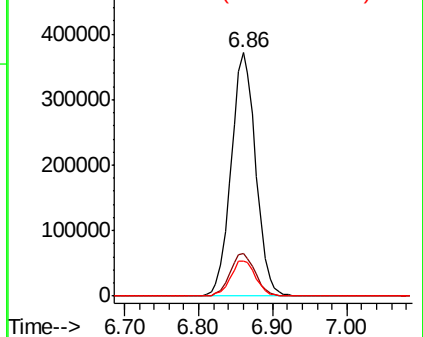
88 14.3 0.0 28.8

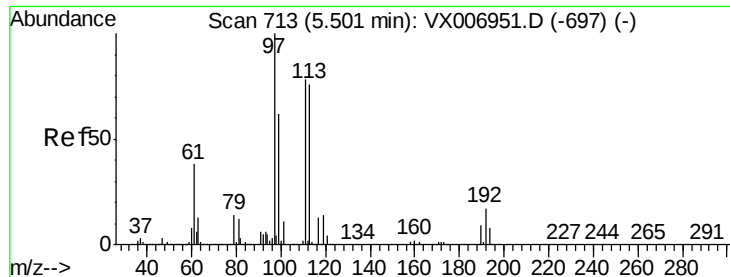


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 100.254 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

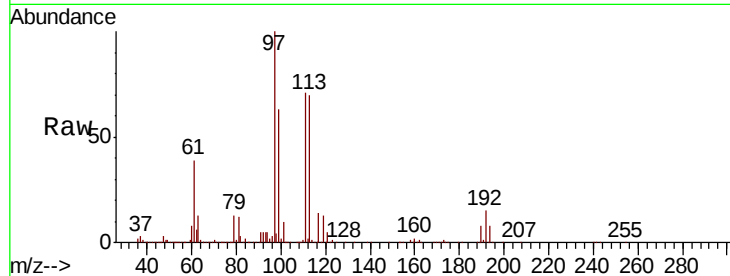
Tgt Ion:113 Resp: 551633

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

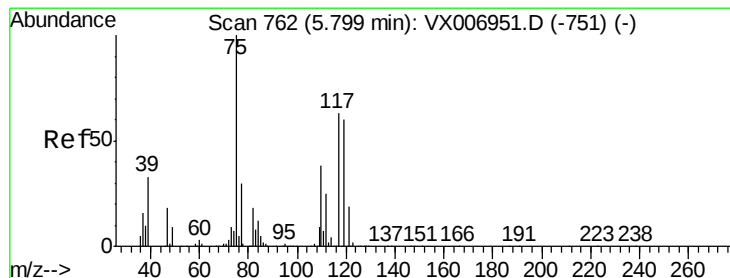
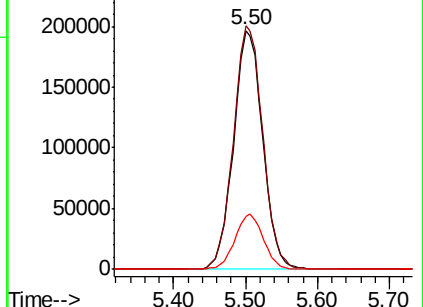
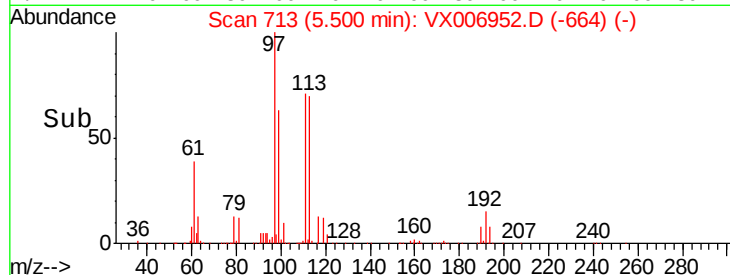
192 22.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 98.170 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

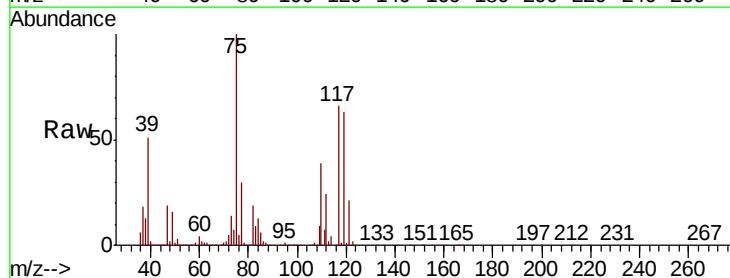
Tgt Ion: 75 Resp: 733348

Ion Ratio Lower Upper

75 100

110 39.9 20.2 60.5

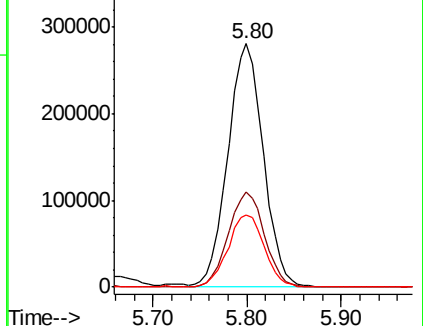
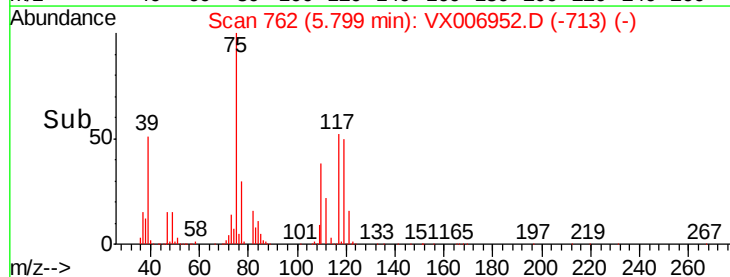
77 30.5 24.8 37.2

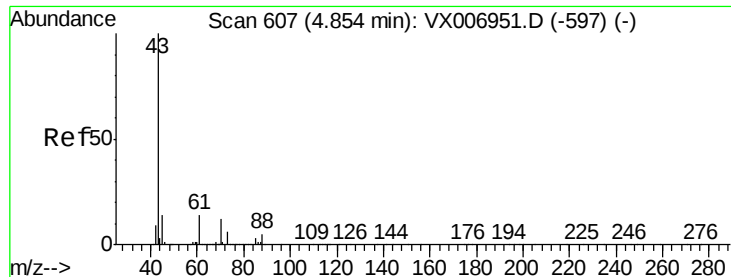


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

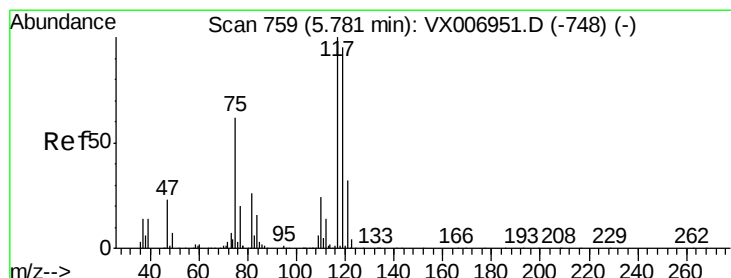
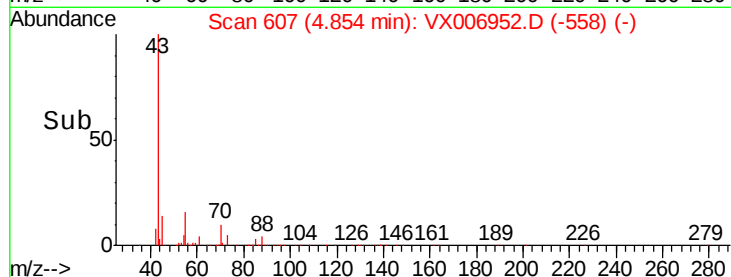
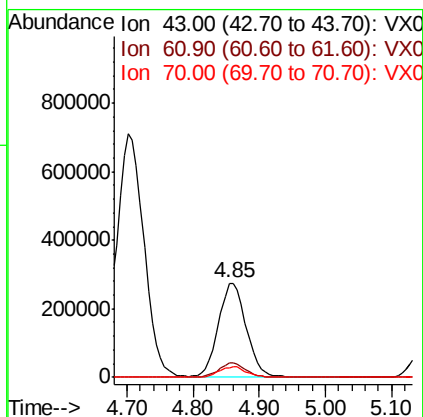
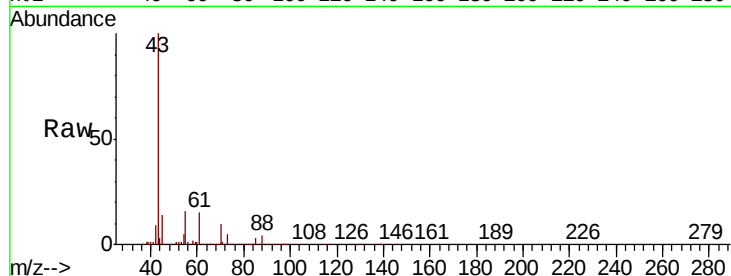




#37
Ethyl Acetate
Concen: 100.121 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

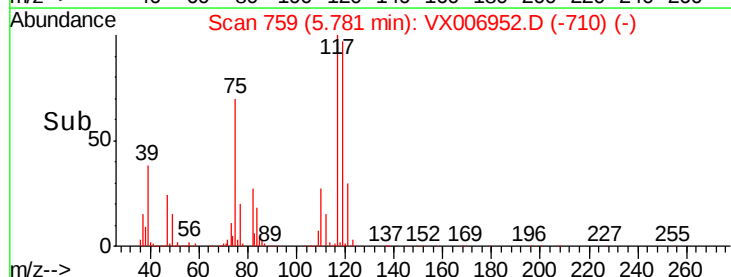
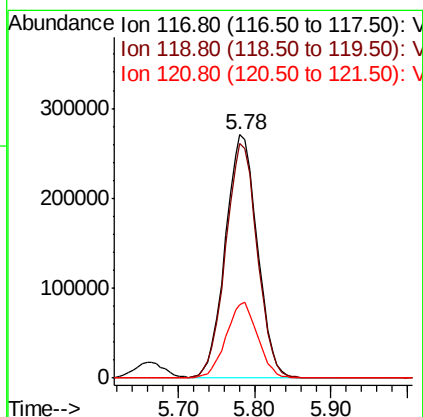
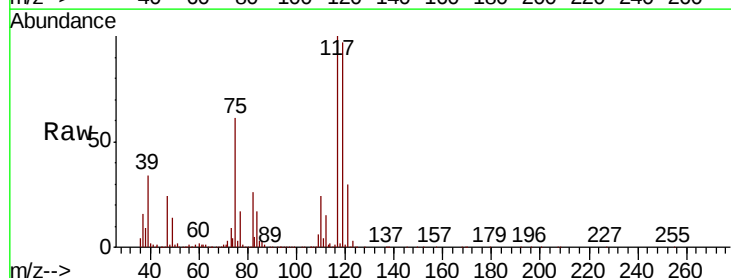
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

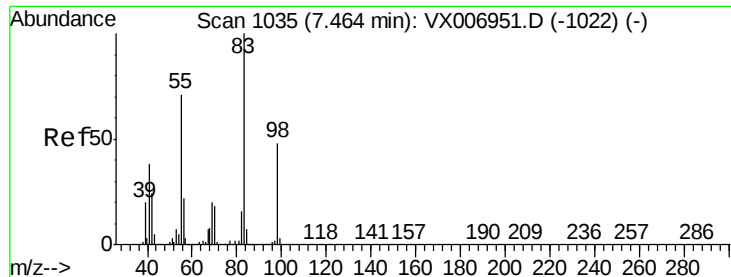
Tgt Ion: 43 Resp: 801845
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 11.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 103.866 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 117 Resp: 780644
Ion Ratio Lower Upper
117 100
119 96.5 79.4 119.2
121 29.9 24.0 36.0

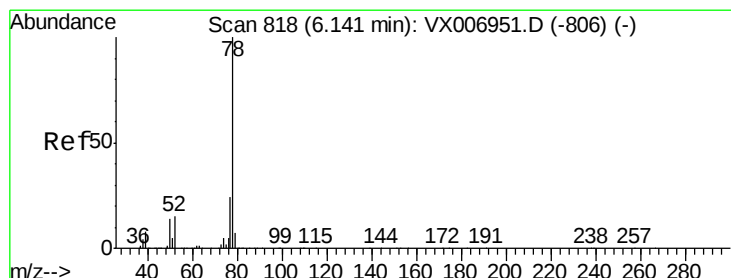
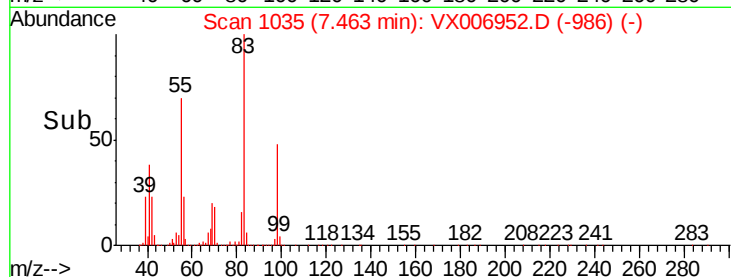
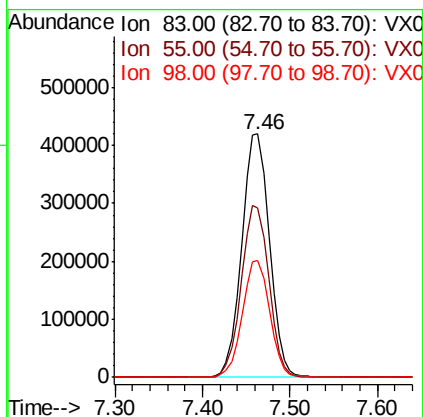
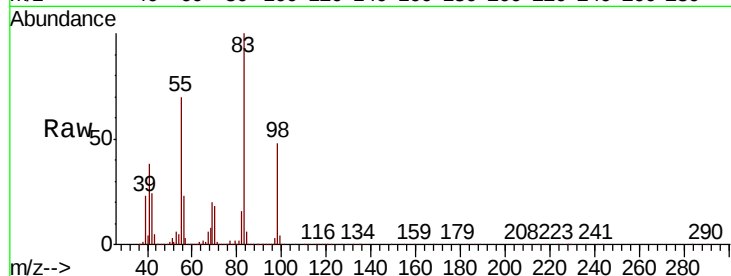




#39
Methylcyclohexane
Concen: 97.216 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

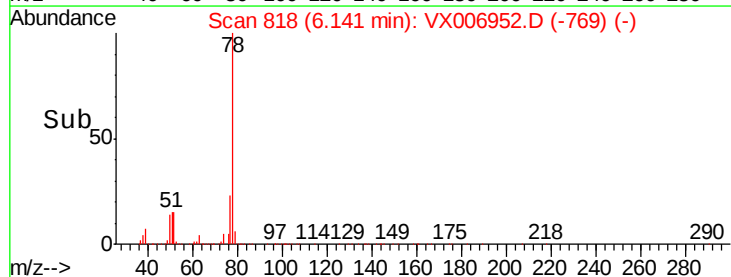
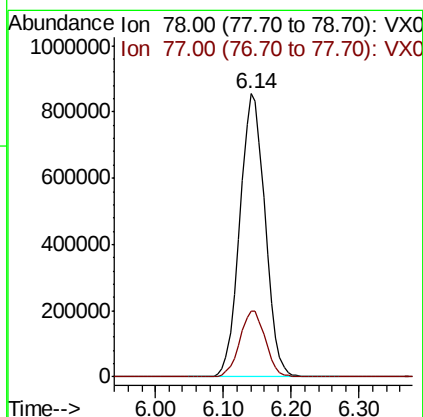
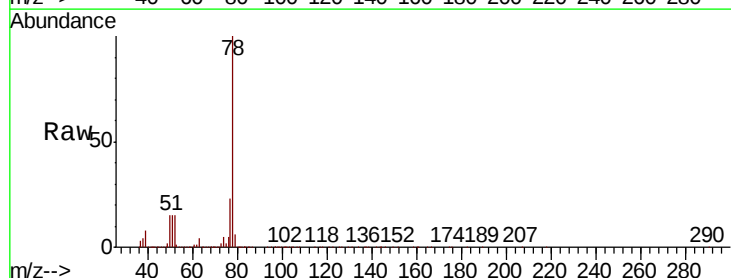
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

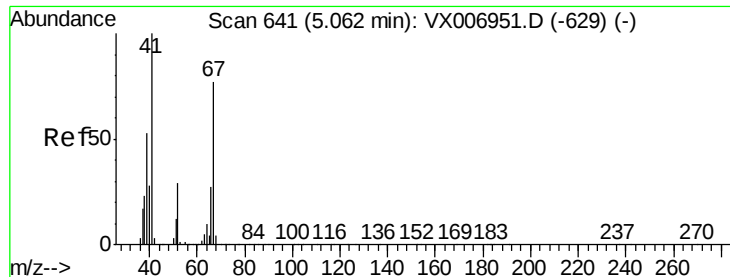
Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.8	54.9	82.3
98	48.2	37.9	56.9



#40
Benzene
Concen: 96.618 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8

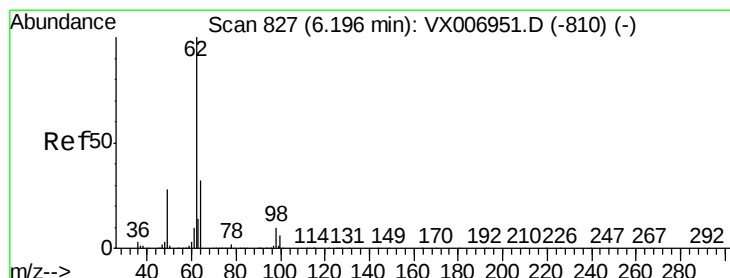
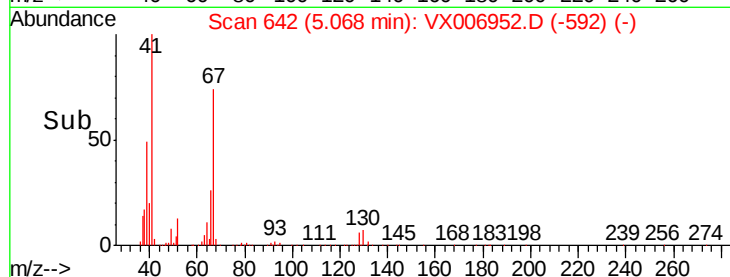
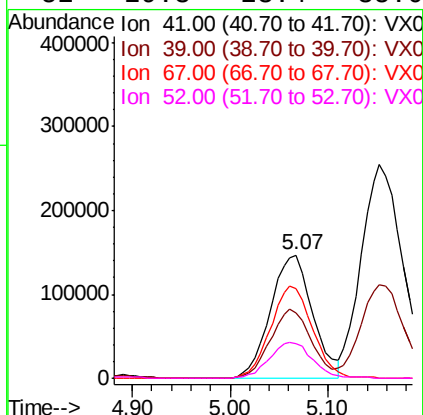
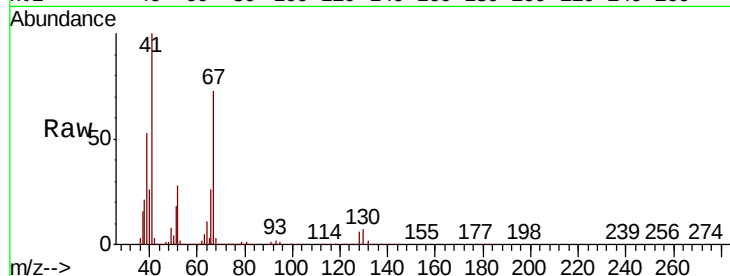




#41
Methacrylonitrile
Concen: 95.515 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

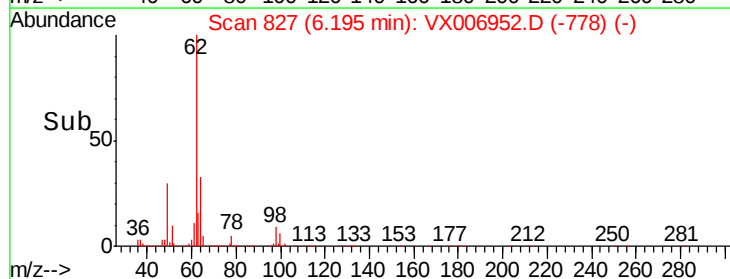
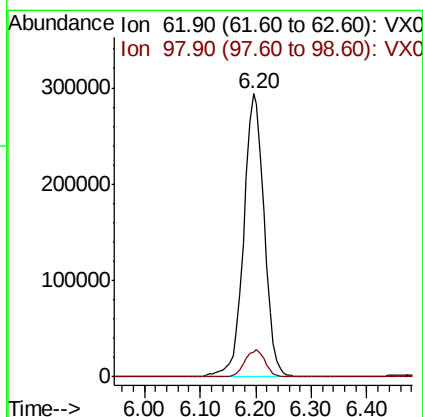
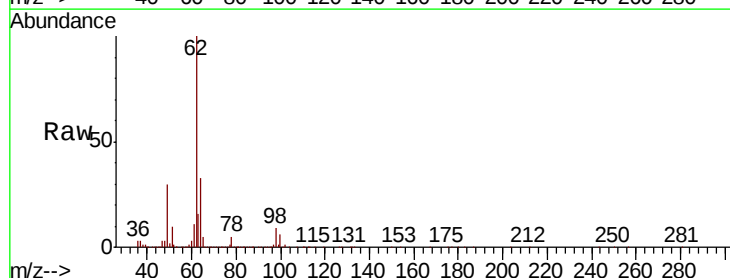
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

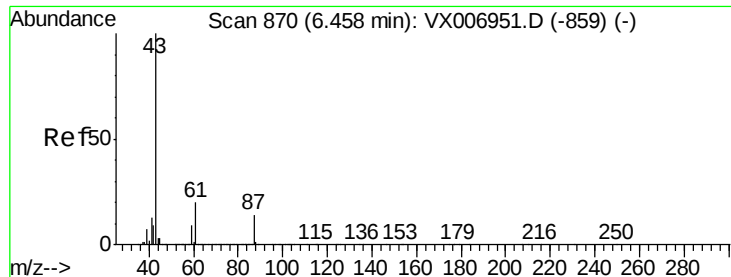
Tgt Ion:	41	Resp:	440674
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.8	64.2
67	74.7	62.1	93.1
52	29.3	23.4	35.0



#42
1,2-Dichloroethane
Concen: 94.895 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion:	62	Resp:	747455
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 103.355 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

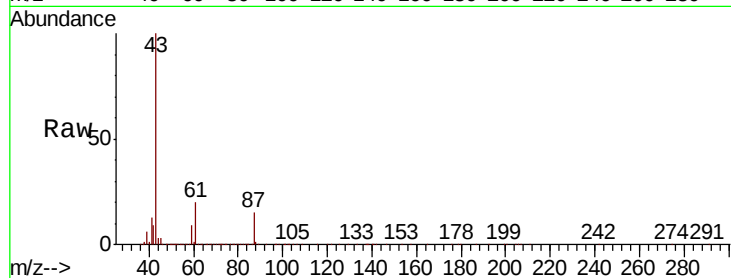
Tgt Ion: 43 Resp: 1305644

Ion Ratio Lower Upper

43 100

61 19.9 16.8 25.2

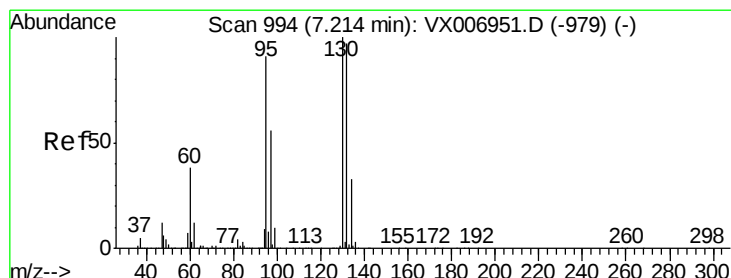
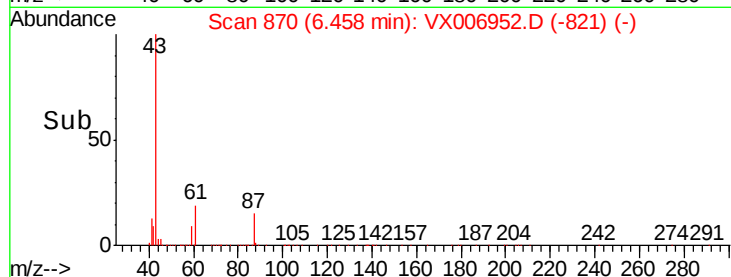
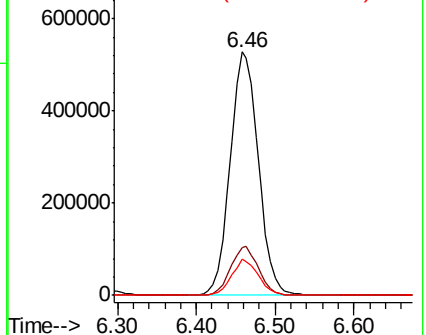
87 14.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 94.610 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006952.D

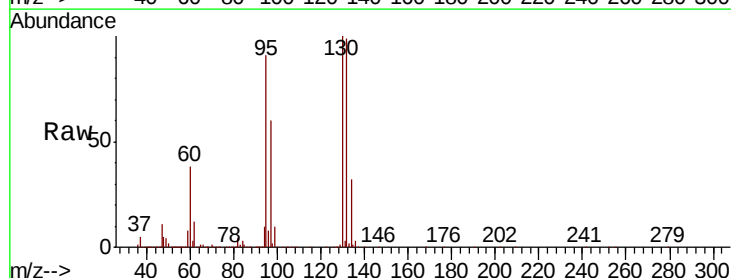
Acq: 08 Jan 2019 13:18

Tgt Ion: 130 Resp: 646220

Ion Ratio Lower Upper

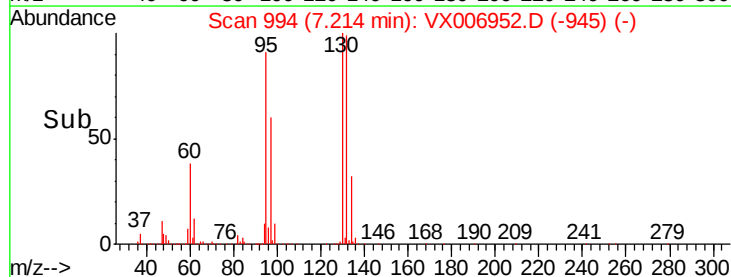
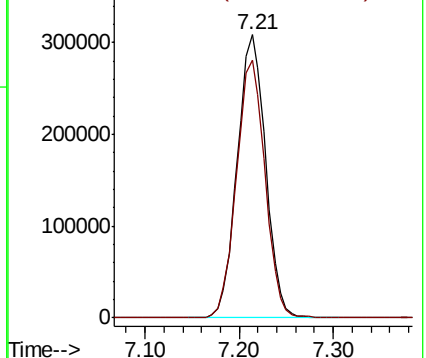
130 100

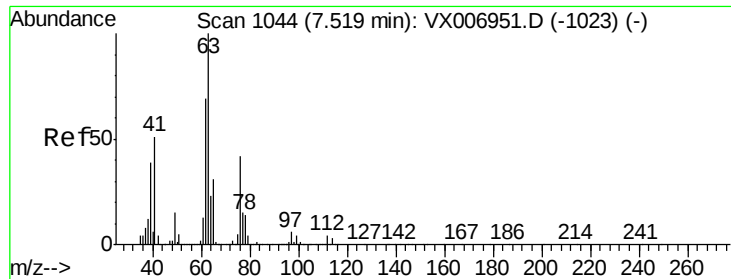
95 90.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 97.989 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

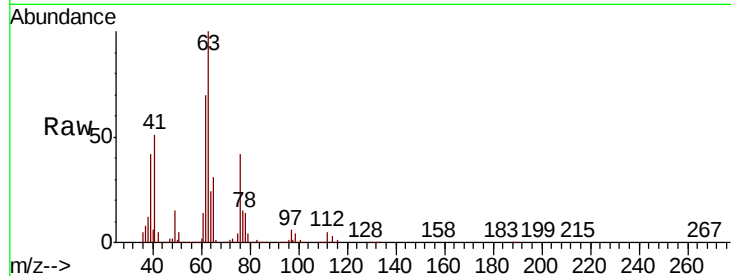
VSTDIC100

Tgt Ion: 63 Resp: 561522

Ion Ratio Lower Upper

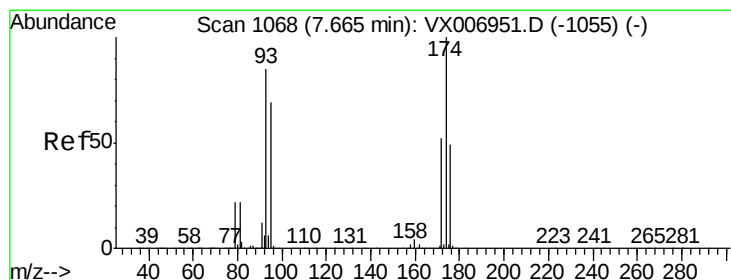
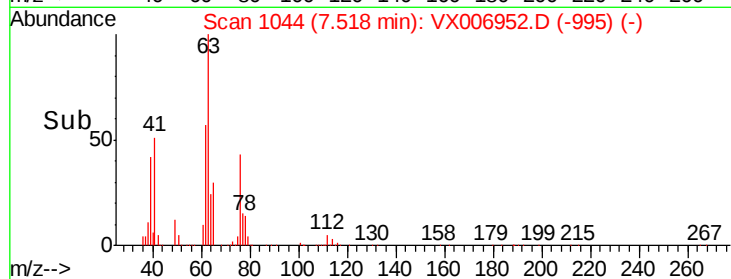
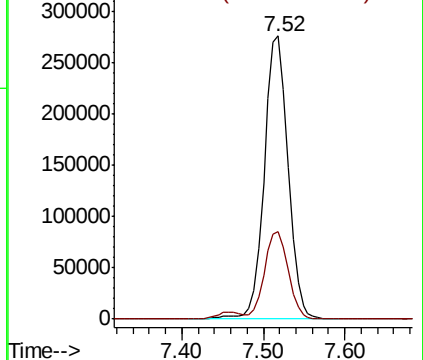
63 100

65 30.8 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 99.727 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

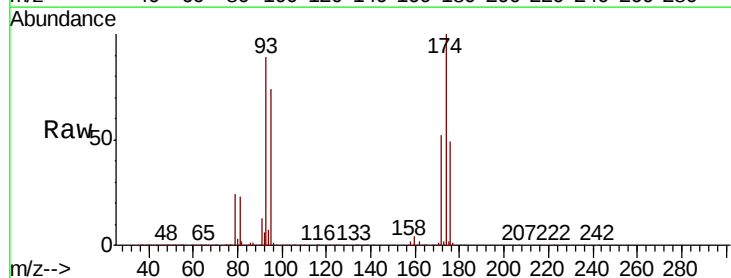
Tgt Ion: 93 Resp: 401636

Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

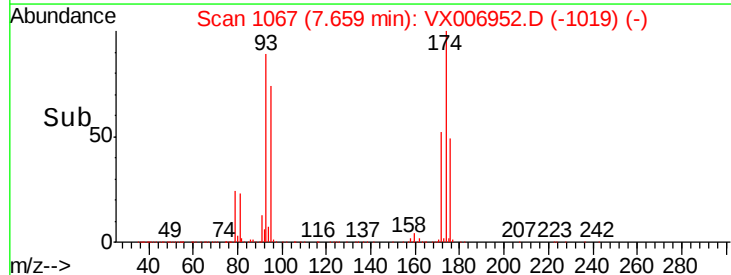
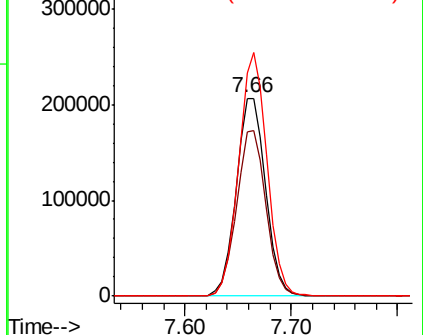
174 118.4 91.0 136.4

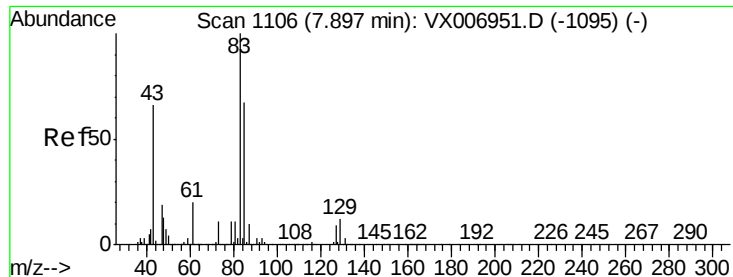


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 107.411 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

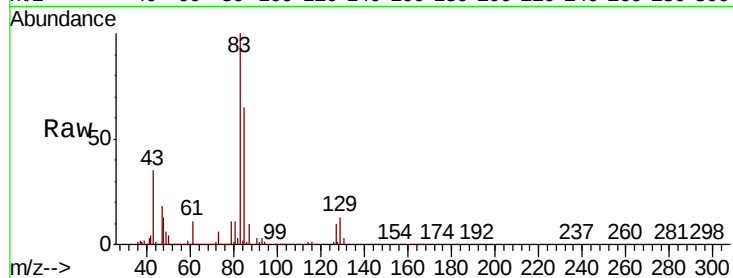
Tgt Ion: 83 Resp: 736319

Ion Ratio Lower Upper

83 100

85 64.5 53.2 79.8

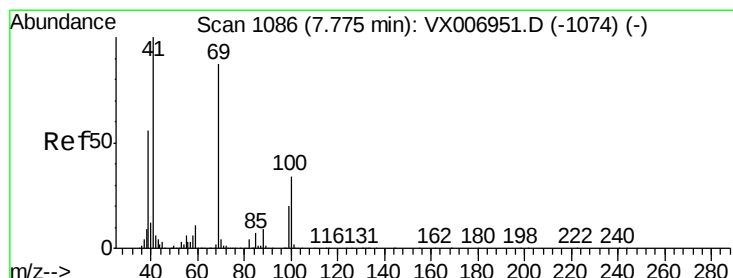
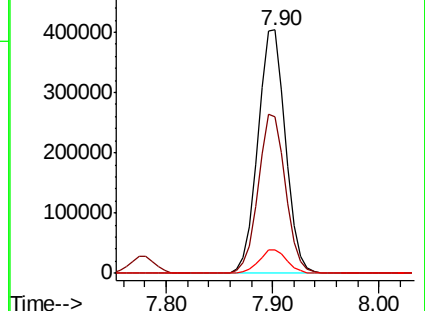
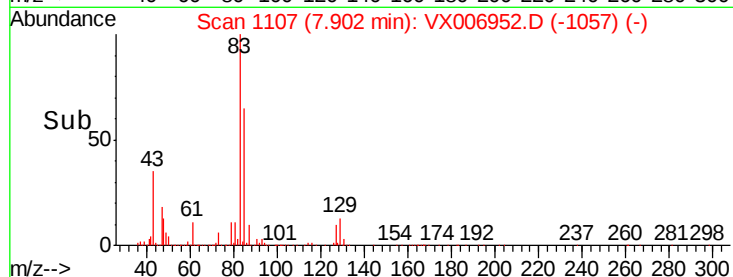
127 9.6 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 100.082 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

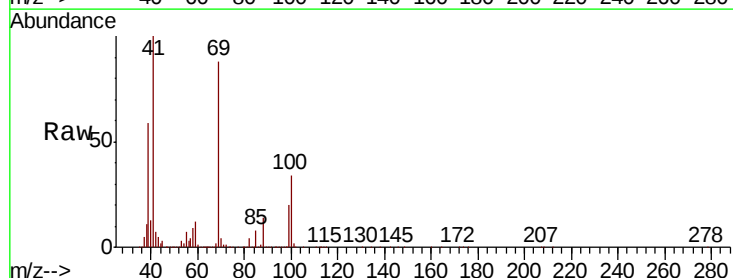
Tgt Ion: 41 Resp: 649267

Ion Ratio Lower Upper

41 100

69 88.0 72.4 108.6

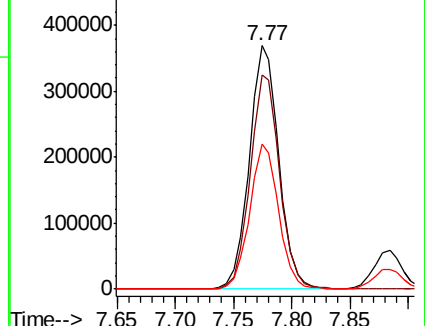
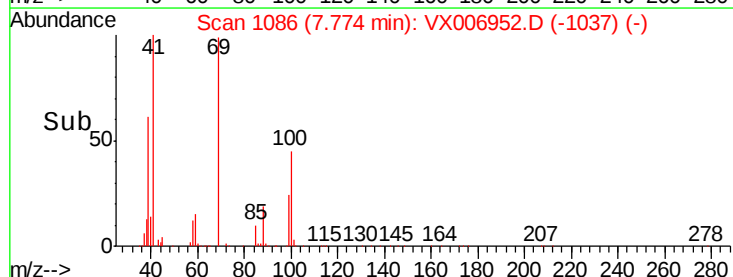
39 58.5 45.8 68.8

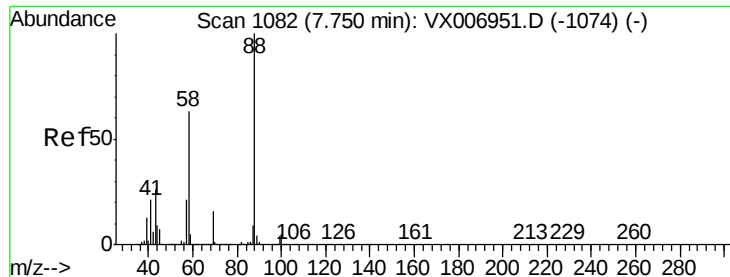


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2075.854 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

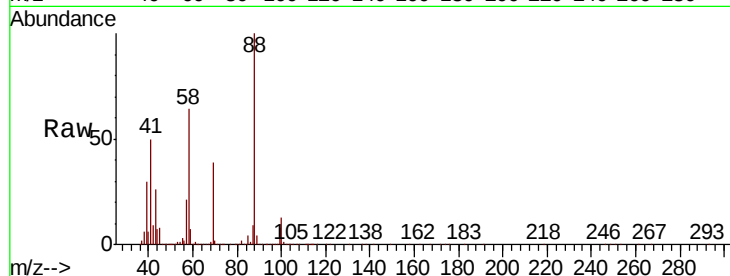
Tgt Ion: 88 Resp: 306172

Ion Ratio Lower Upper

88 100

43 29.4 22.2 33.4

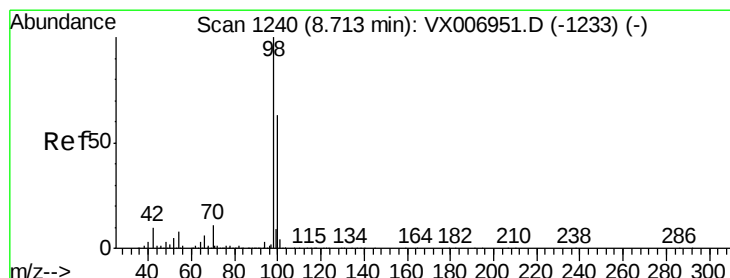
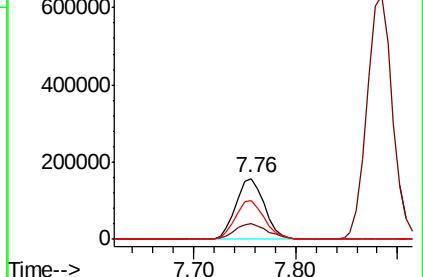
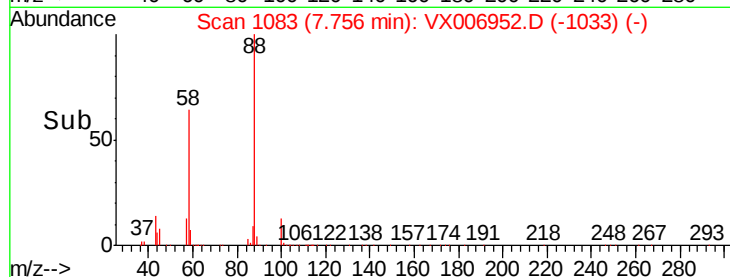
58 64.4 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 100.830 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006952.D

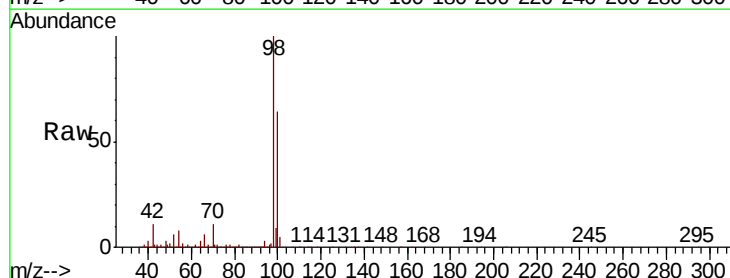
Acq: 08 Jan 2019 13:18

Tgt Ion: 98 Resp: 2030742

Ion Ratio Lower Upper

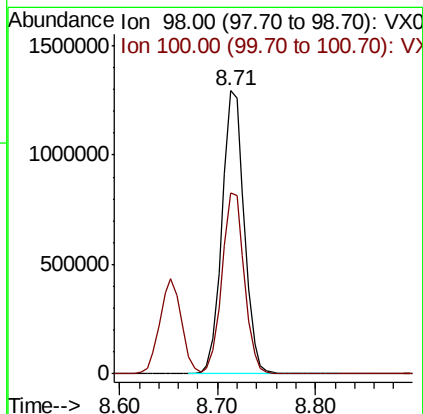
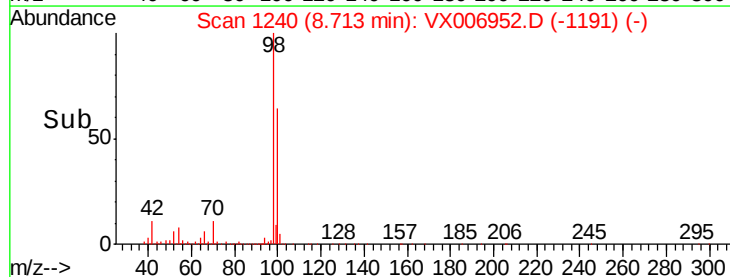
98 100

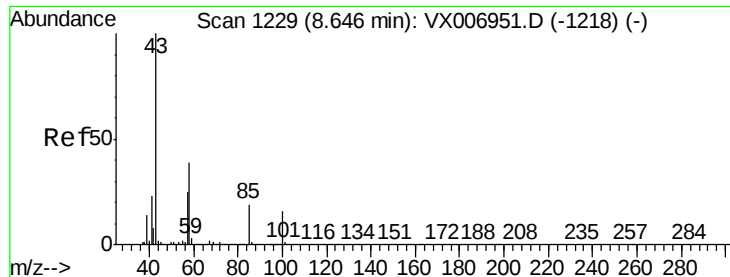
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

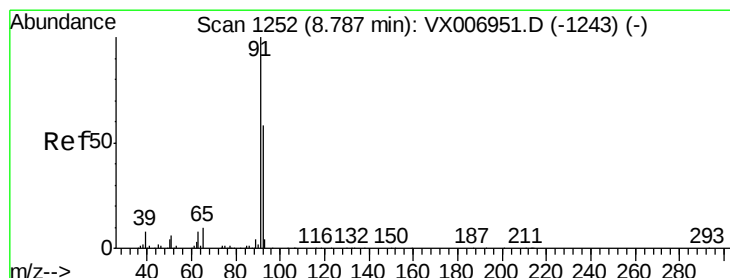
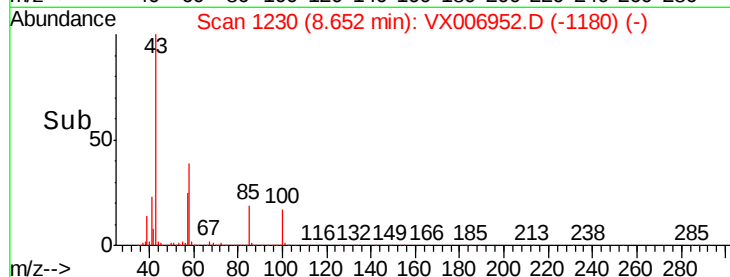
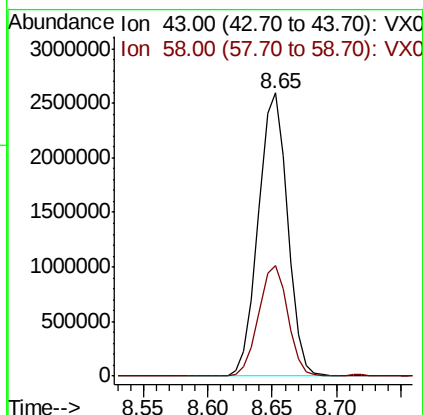
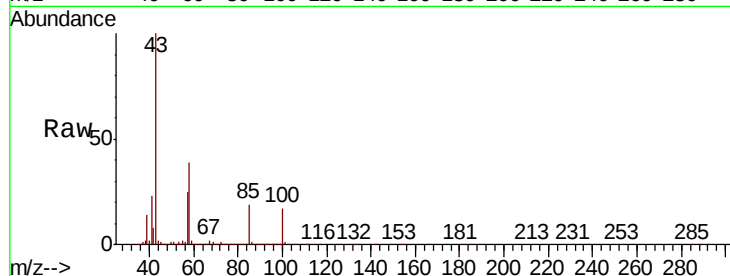




#51
 4-Methyl-2-Pentanone
 Concen: 499.967 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VX006952.D
 Acq: 08 Jan 2019 13:18

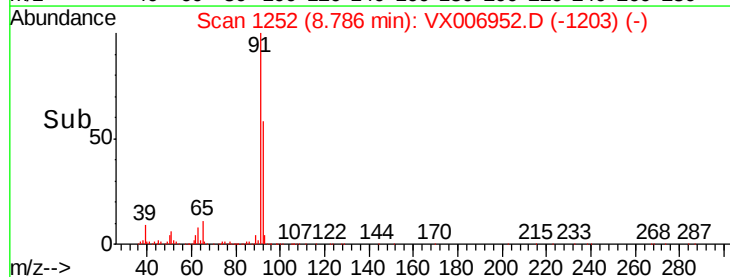
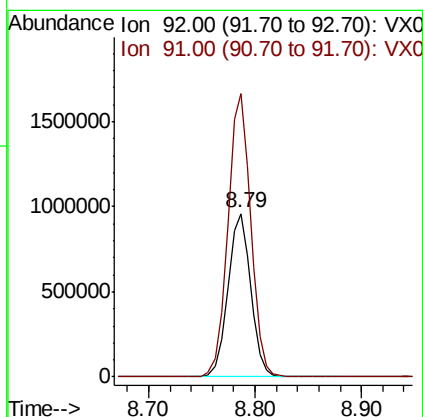
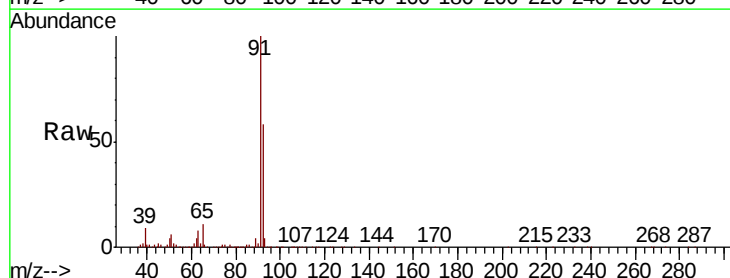
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

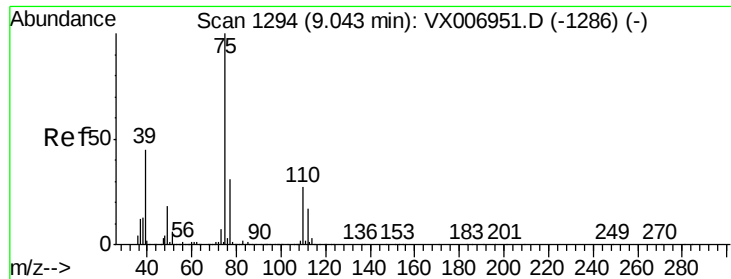
Tgt Ion: 43 Resp: 4058978
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 97.941 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006952.D
 Acq: 08 Jan 2019 13:18

Tgt Ion: 92 Resp: 1434869
 Ion Ratio Lower Upper
 92 100
 91 174.3 137.6 206.4

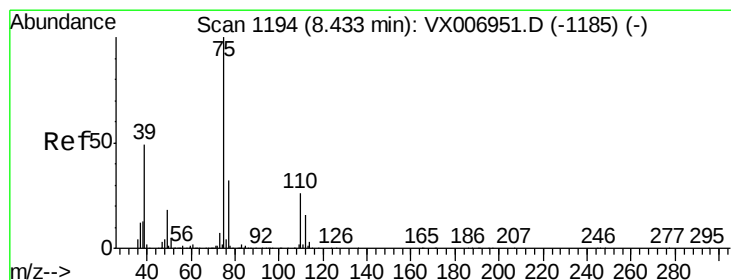
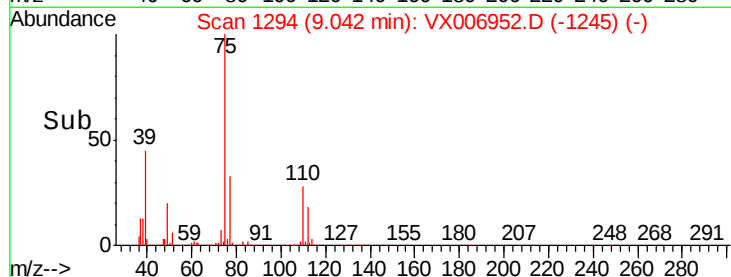
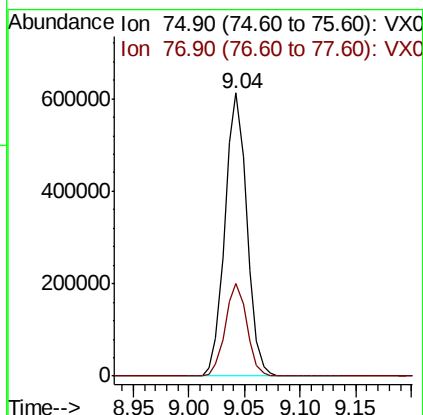
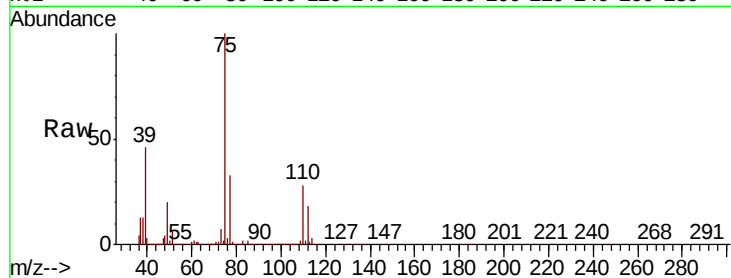




#53
t-1,3-Dichloropropene
Concen: 109.950 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

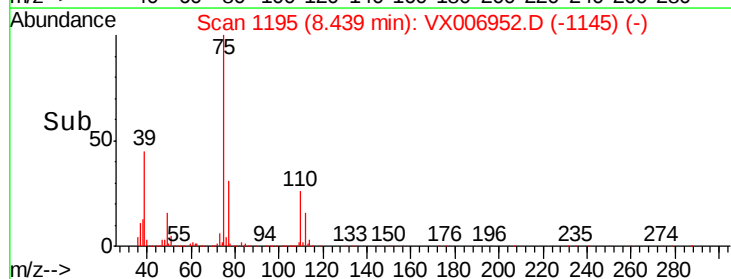
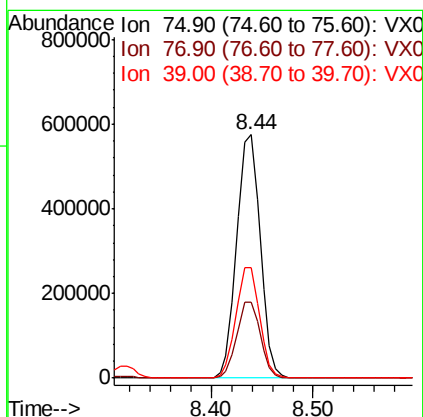
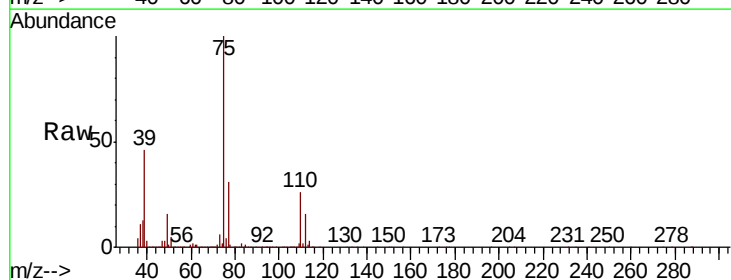
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 835784
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 109.016 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 75 Resp: 915147
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2
39 45.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 99.184 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 581616

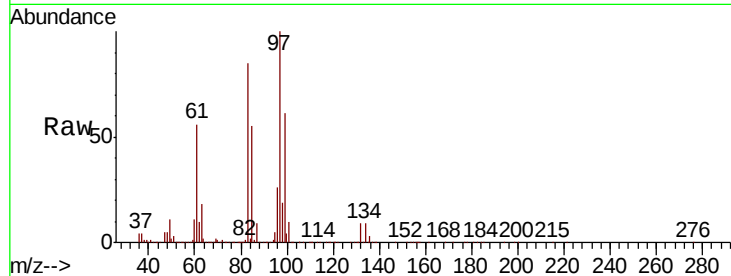
Ion Ratio Lower Upper

97 100

83 84.7 66.6 99.8

85 54.9 42.7 64.1

99 61.1 50.8 76.2

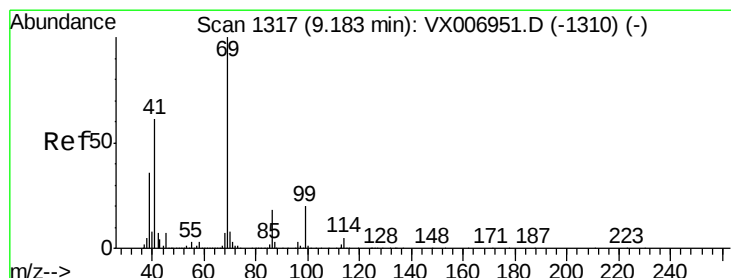
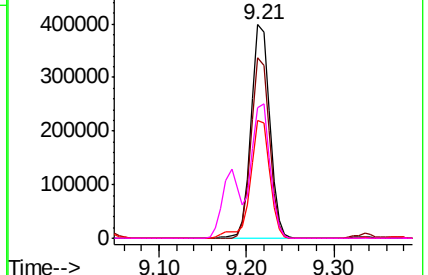
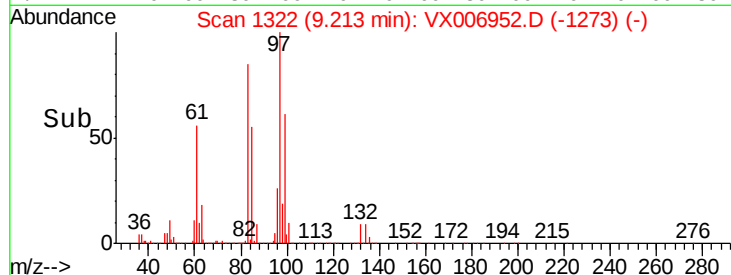


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 102.897 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

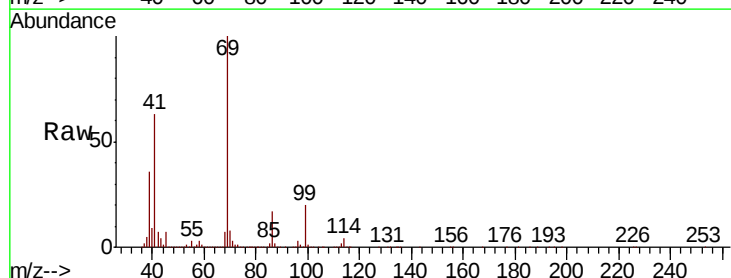
Tgt Ion: 69 Resp: 880866

Ion Ratio Lower Upper

69 100

41 64.0 48.7 73.1

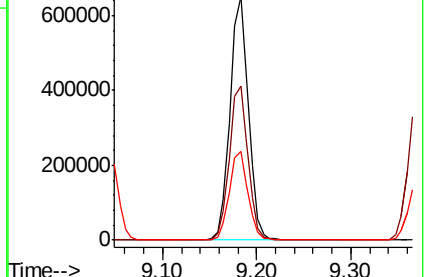
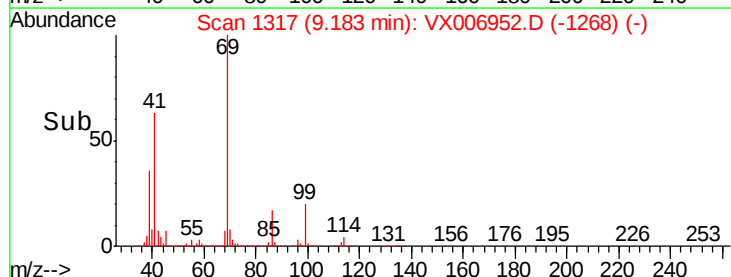
39 36.9 27.0 40.6

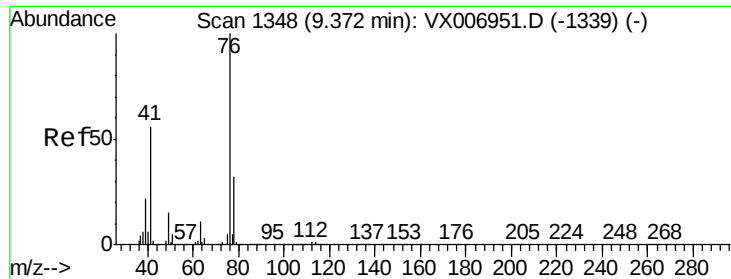


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 97.745 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

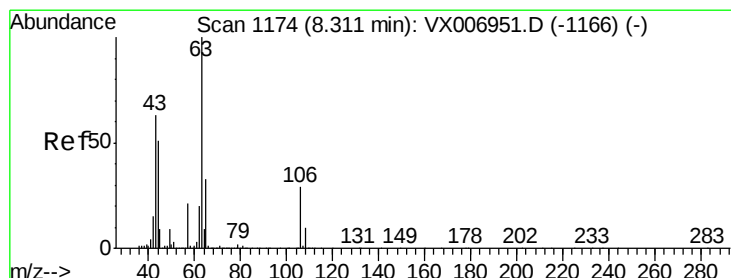
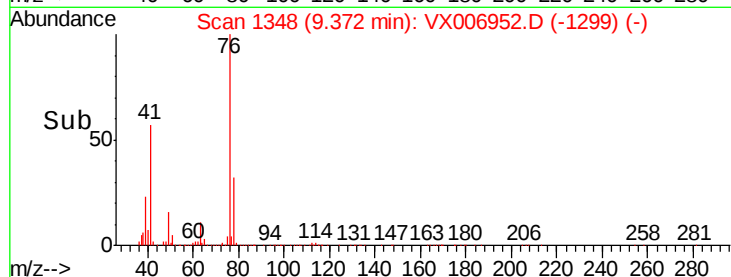
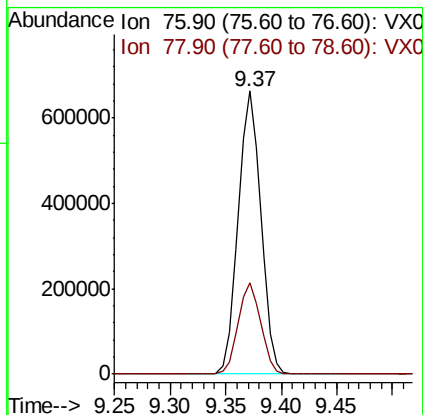
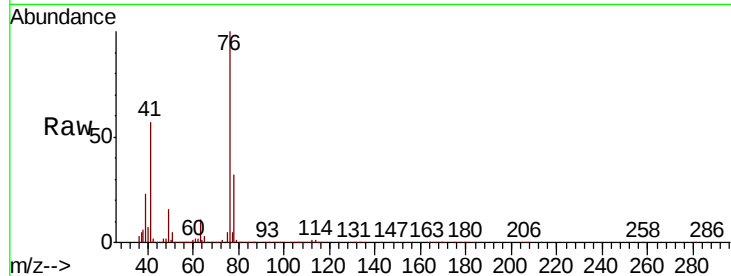
VSTDIC100

Tgt Ion: 76 Resp: 939017

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 502.282 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006952.D

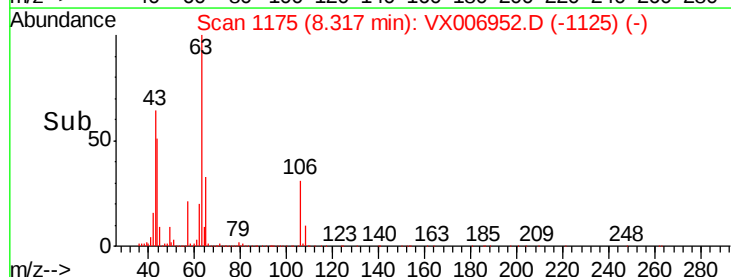
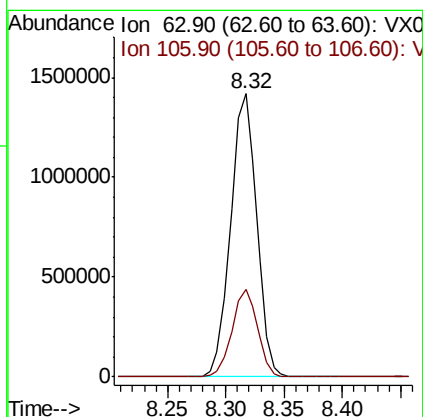
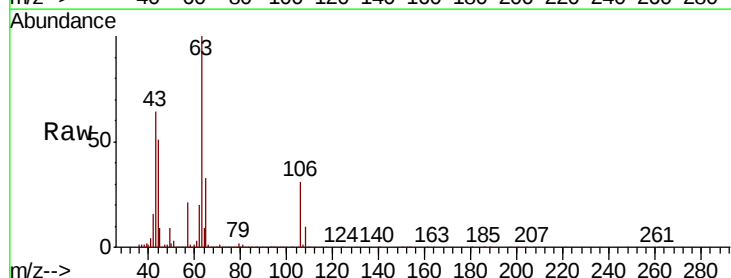
Acq: 08 Jan 2019 13:18

Tgt Ion: 63 Resp: 2210804

Ion Ratio Lower Upper

63 100

106 30.3 24.6 36.8

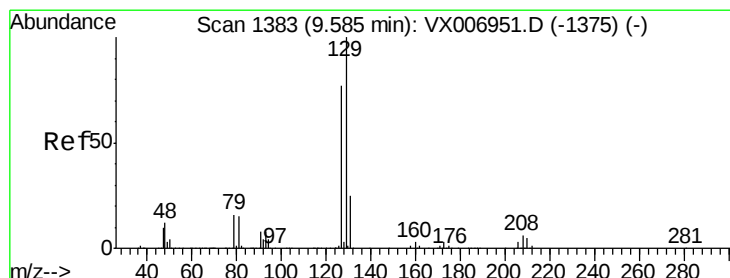
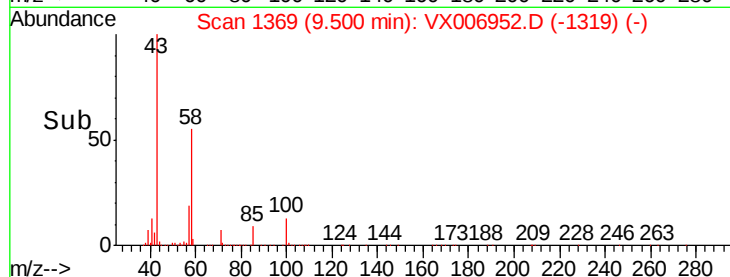
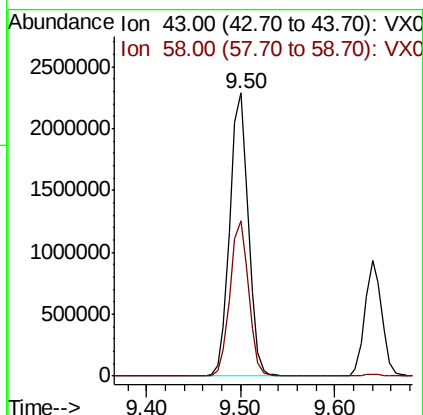
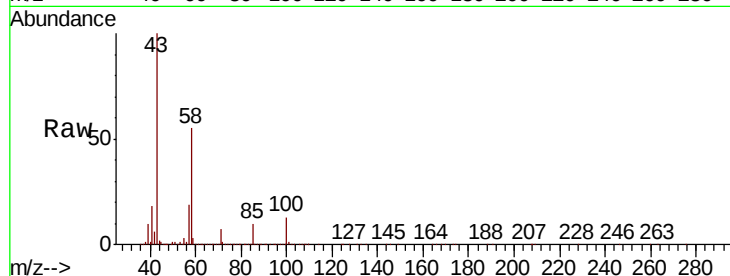




#59
2-Hexanone
Concen: 505.258 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

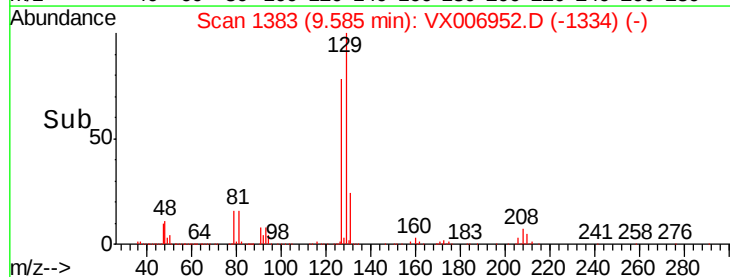
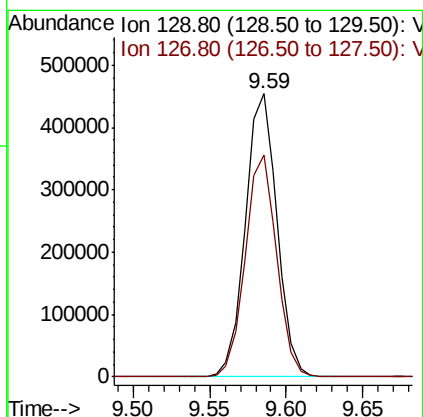
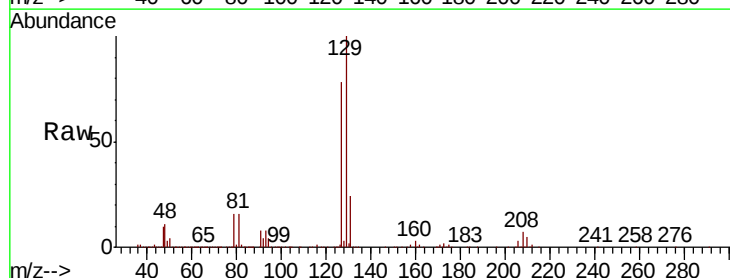
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

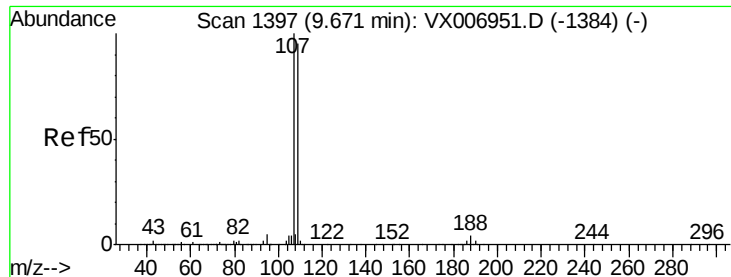
Tgt Ion: 43 Resp: 3125906
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 114.396 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 129 Resp: 651385
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 100.571 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

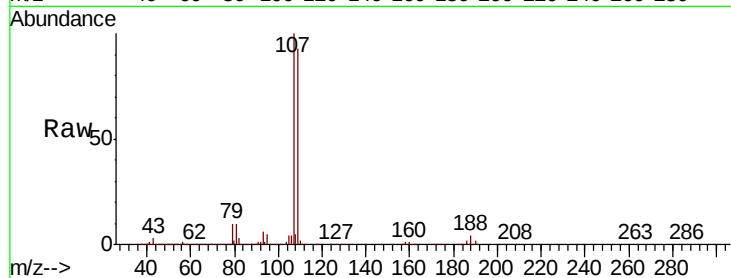
VSTDICC100

Tgt Ion: 107 Resp: 649248

Ion Ratio Lower Upper

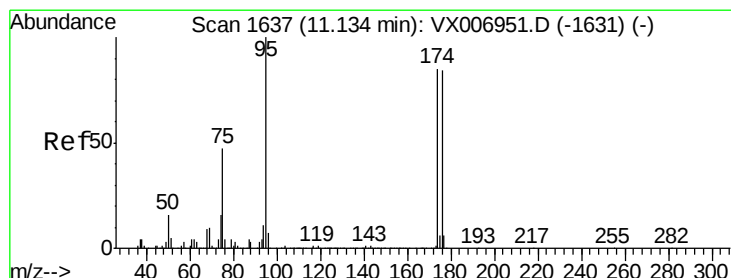
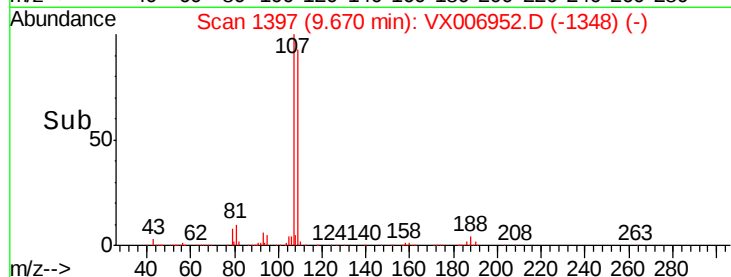
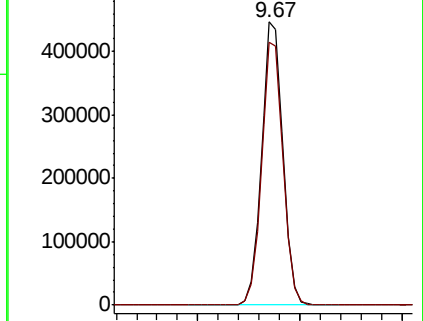
107 100

109 93.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 100.772 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

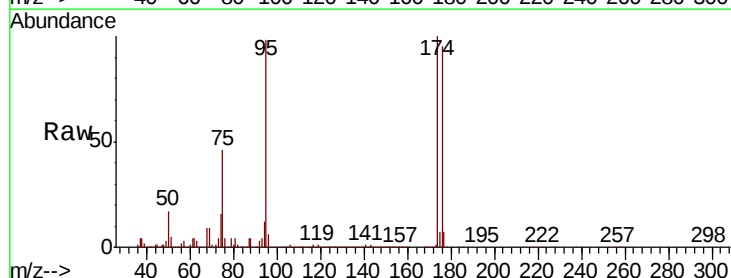
Tgt Ion: 95 Resp: 707563

Ion Ratio Lower Upper

95 100

174 96.1 0.0 182.2

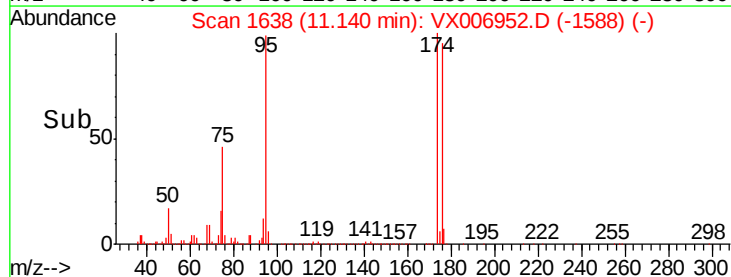
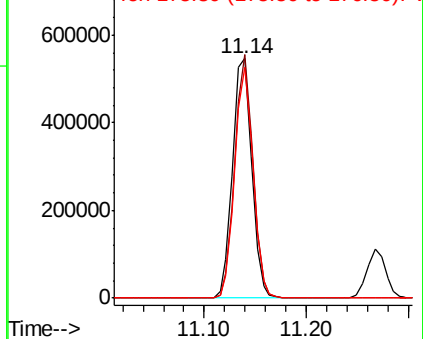
176 92.4 0.0 178.8

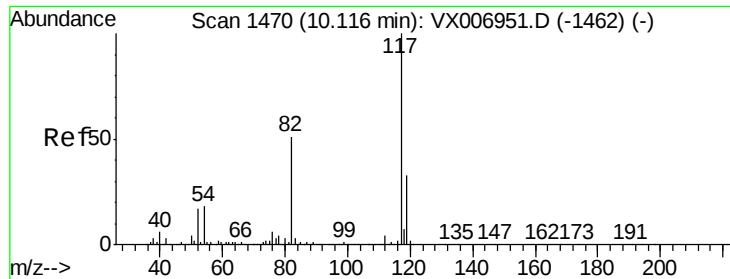


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

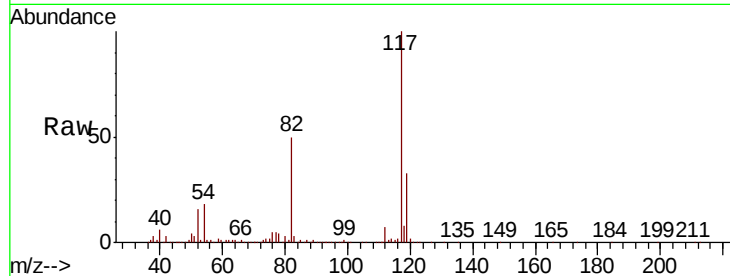
Tgt Ion:117 Resp: 772831

Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.6

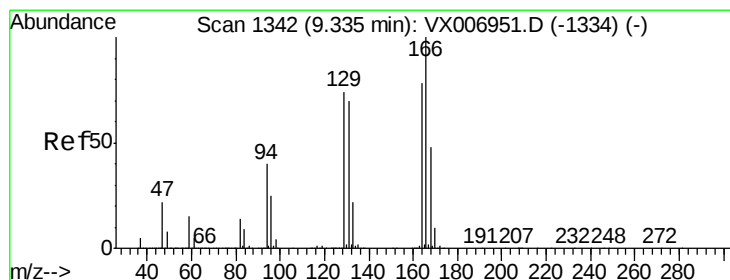
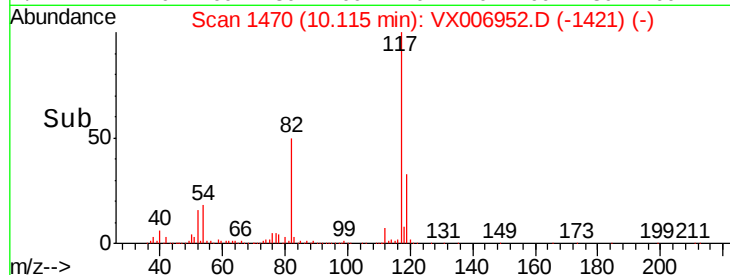
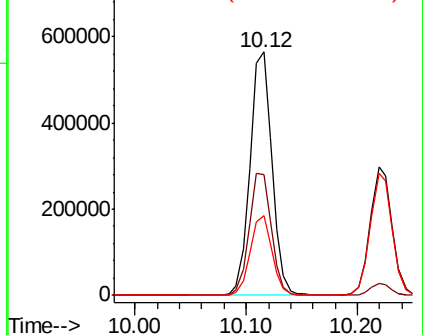
119 32.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 93.626 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Tgt Ion:164 Resp: 626445

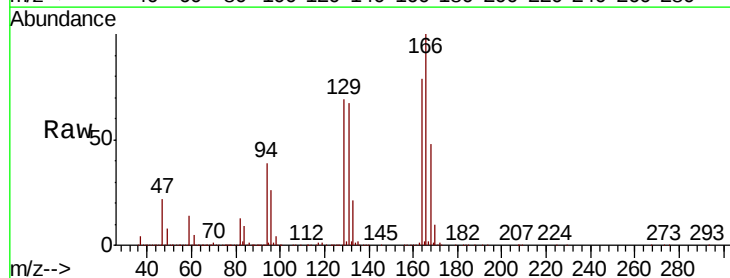
Ion Ratio Lower Upper

164 100

166 127.2 102.5 153.7

129 88.2 75.1 112.7

131 85.7 72.7 109.1

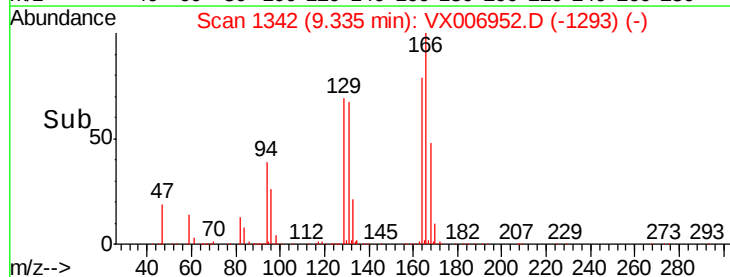
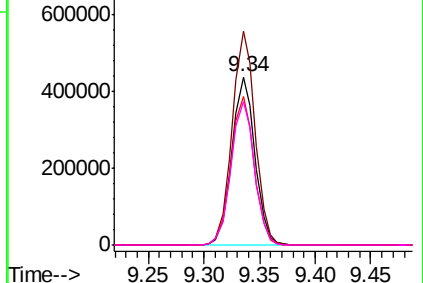


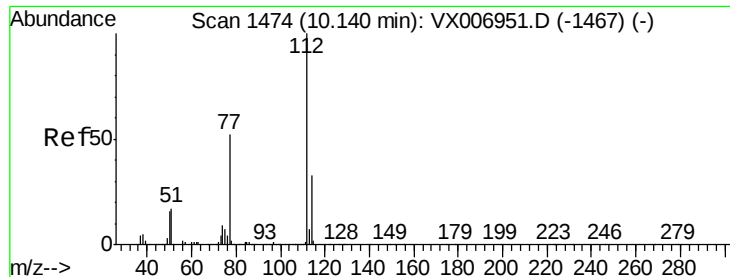
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 96.412 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampled :

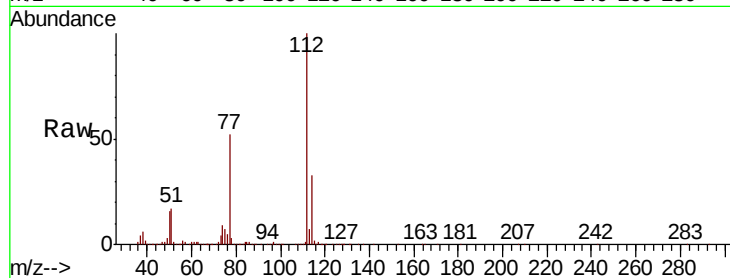
VSTDIC100

Tgt Ion:112 Resp: 1625113

Ion Ratio Lower Upper

112 100

114 32.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

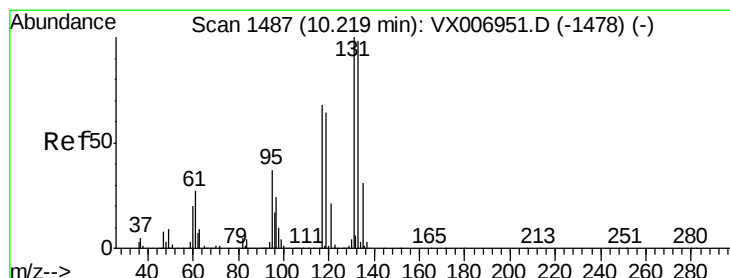
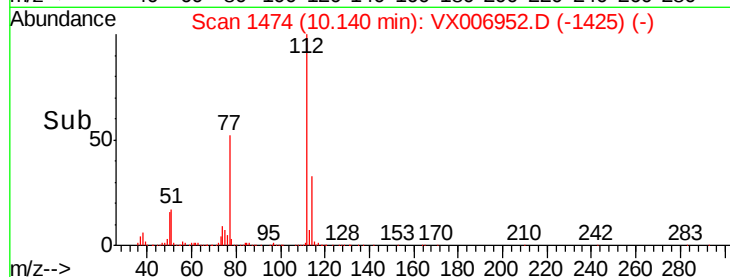
10.14

1000000

500000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 106.362 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

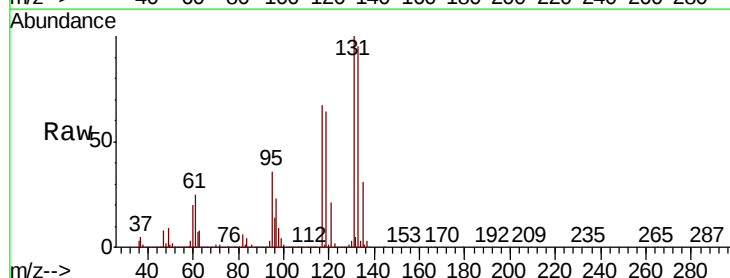
Tgt Ion:131 Resp: 603105

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.2

119 64.0 32.6 97.8



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

600000

500000

400000

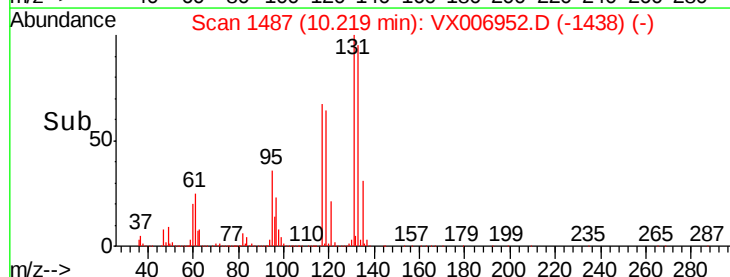
300000

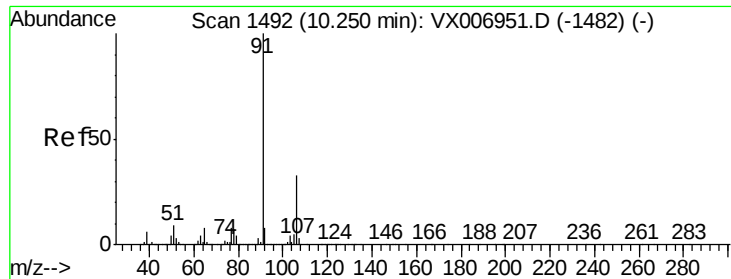
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 97.523 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

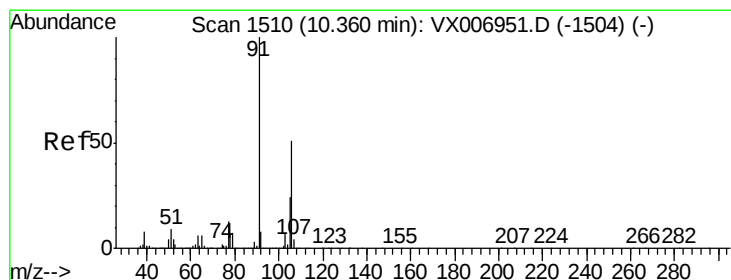
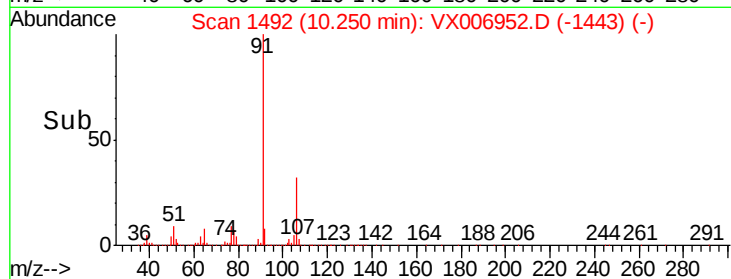
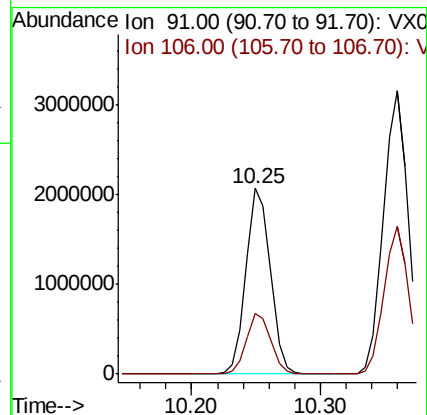
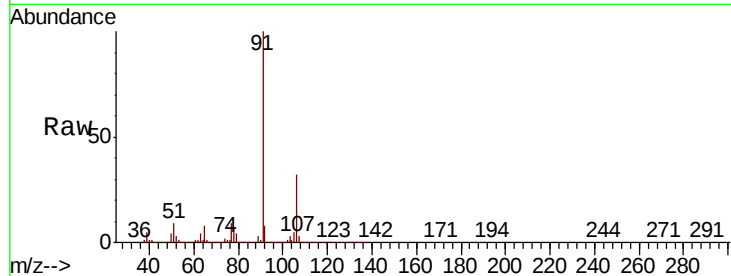
VSTDIC100

Tgt Ion: 91 Resp: 2713761

Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6



#68

m/p-Xylenes

Concen: 198.437 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006952.D

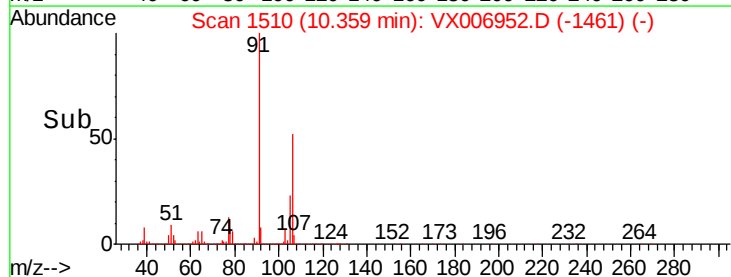
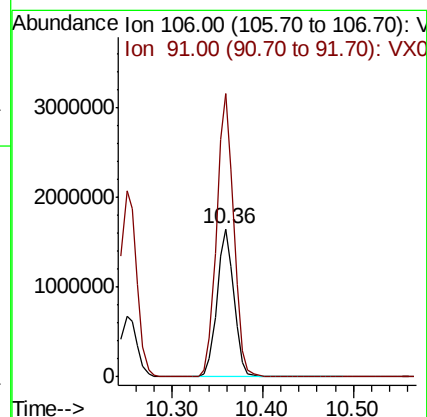
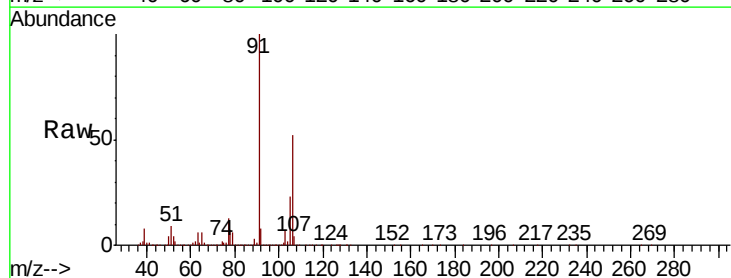
Acq: 08 Jan 2019 13:18

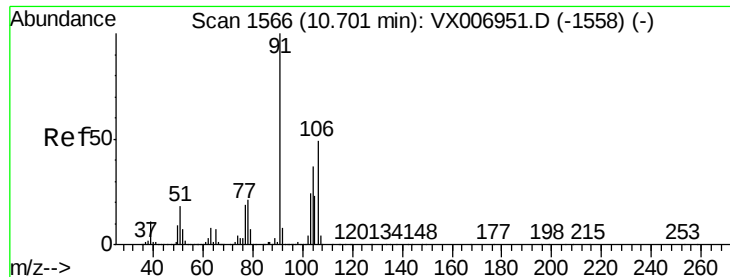
Tgt Ion: 106 Resp: 2175538

Ion Ratio Lower Upper

106 100

91 193.4 155.8 233.6

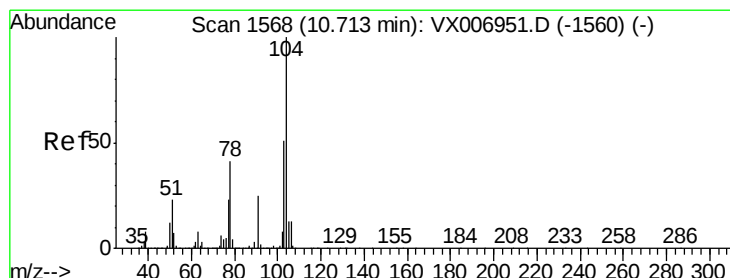
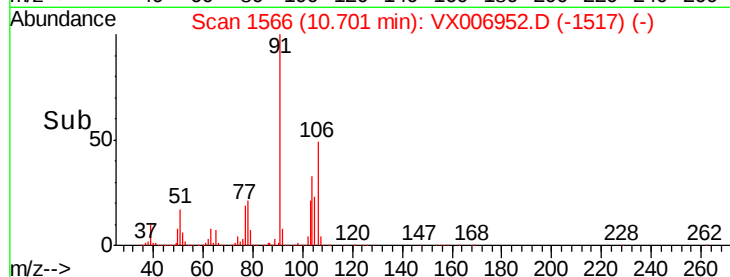
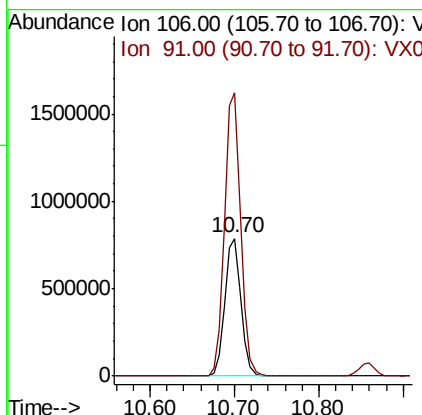
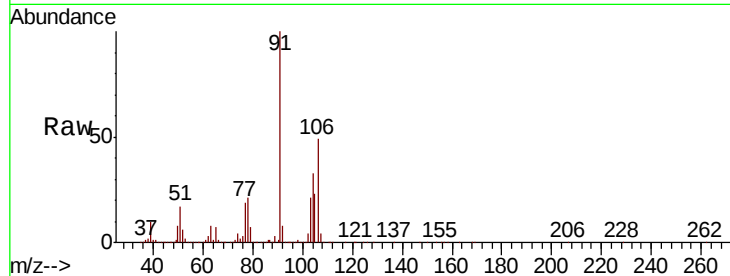




#69
o-Xylene
Concen: 97.484 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

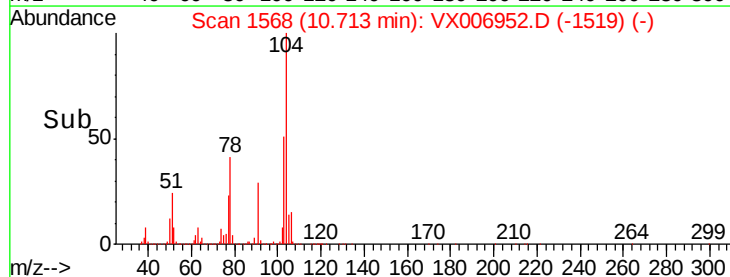
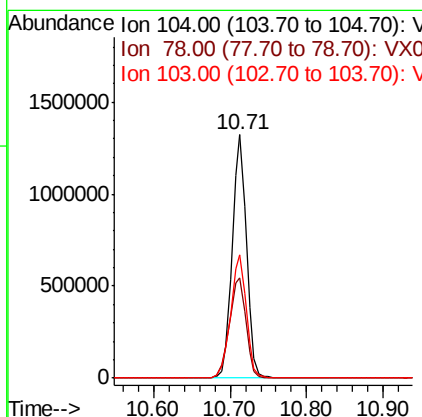
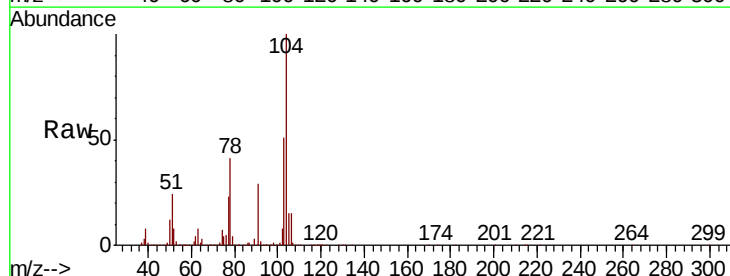
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

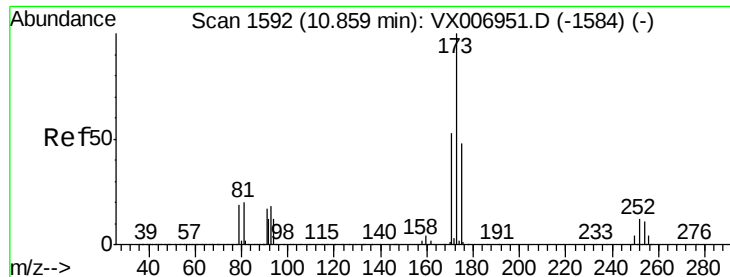
Tgt Ion:106 Resp: 1042306
Ion Ratio Lower Upper
106 100
91 206.4 101.3 303.7



#70
Styrene
Concen: 100.835 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion:104 Resp: 1707539
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 55.6 43.8 65.8

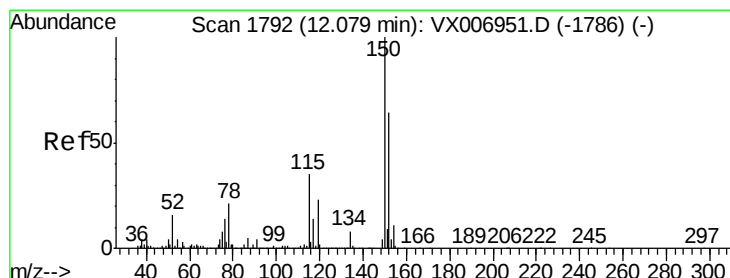
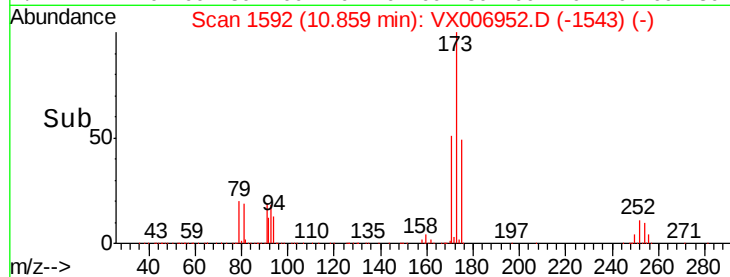
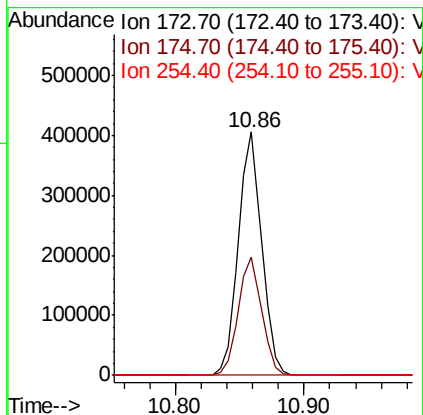
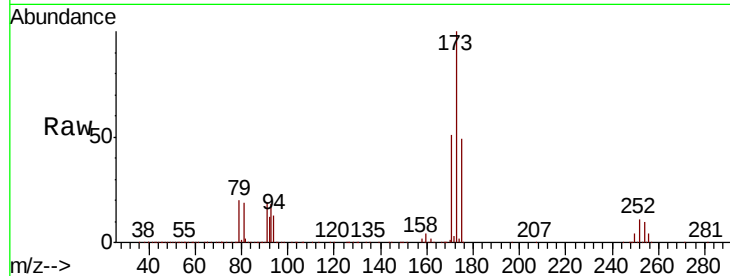




#71
Bromoform
Concen: 96.000 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

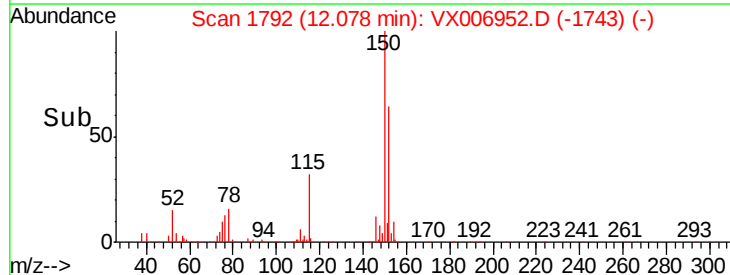
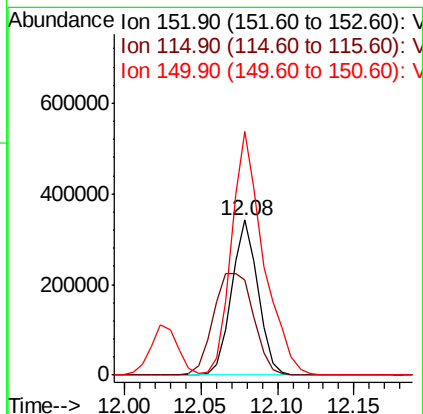
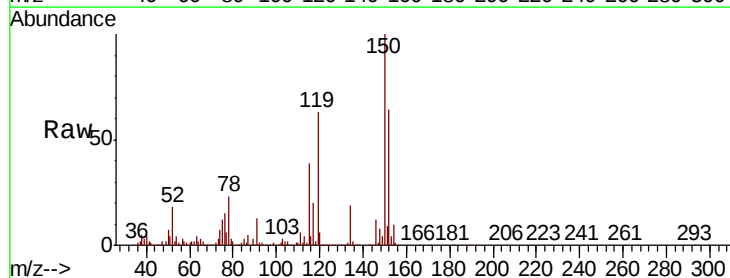
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

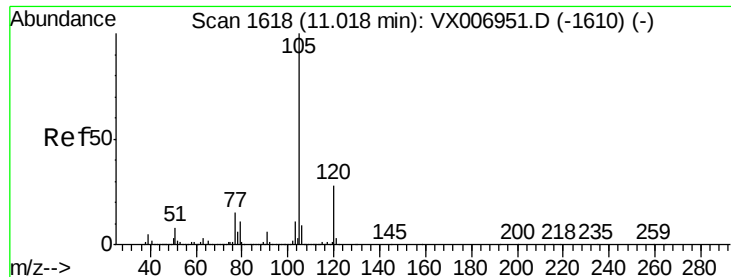
Tgt Ion:173 Resp: 511380
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion:152 Resp: 405933
Ion Ratio Lower Upper
152 100
115 100.4 39.1 117.2
150 190.7 0.0 344.8





#73

Isopropylbenzene

Concen: 95.731 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

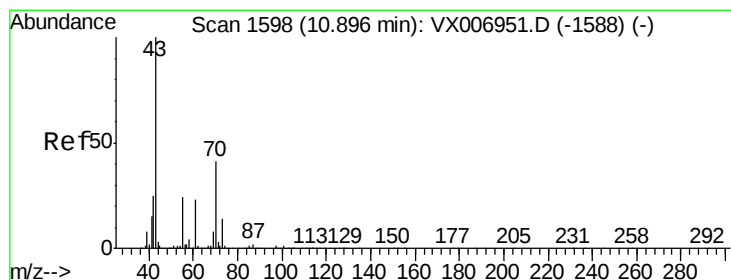
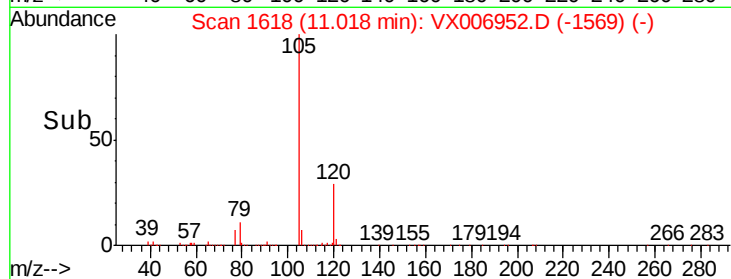
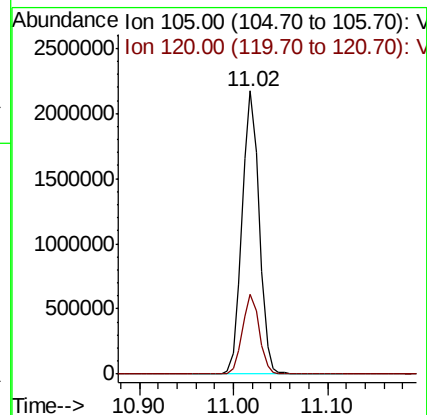
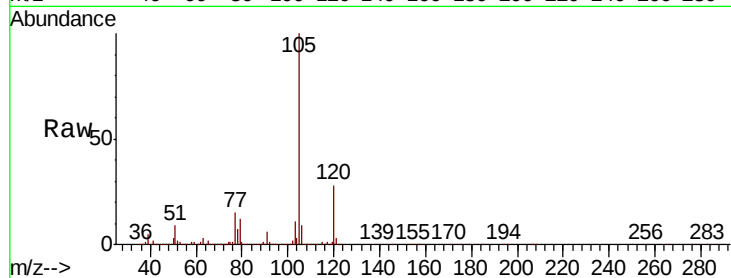
VSTDIC100

Tgt Ion: 105 Resp: 2740184

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4



#74

N-ethyl acetate

Concen: 103.074 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Tgt Ion: 43 Resp: 1187886

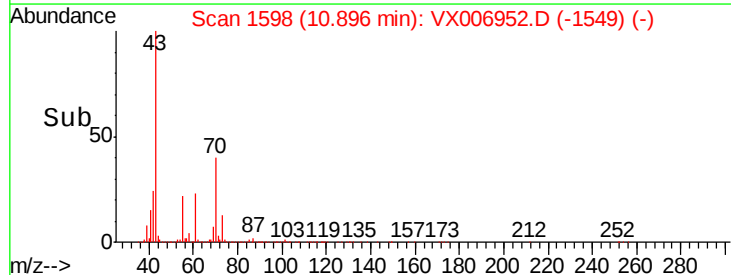
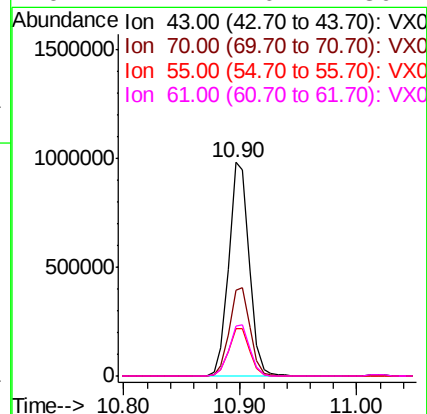
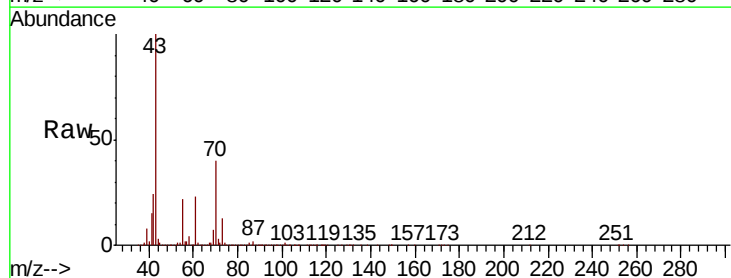
Ion Ratio Lower Upper

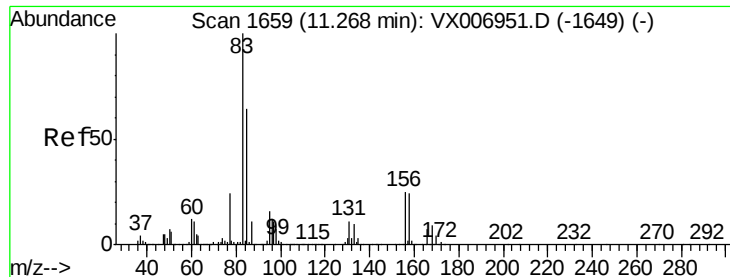
43 100

70 42.1 35.8 53.8

55 23.0 19.4 29.0

61 24.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 96.809 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

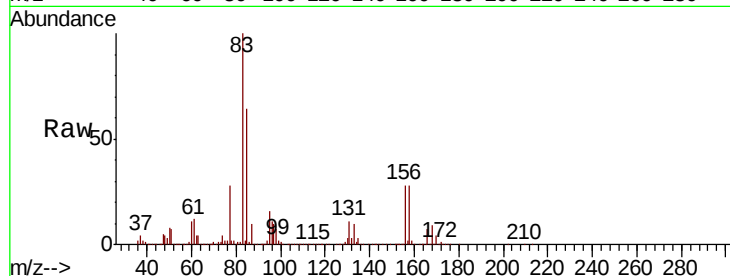
Tgt Ion: 83 Resp: 879718

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

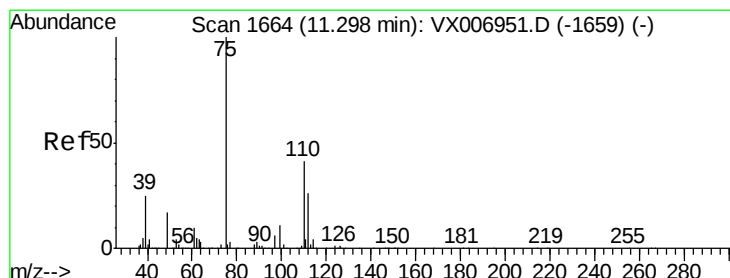
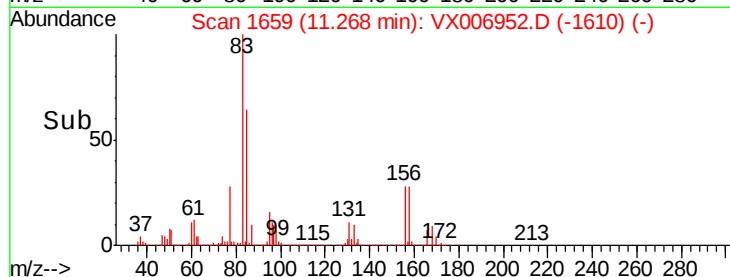
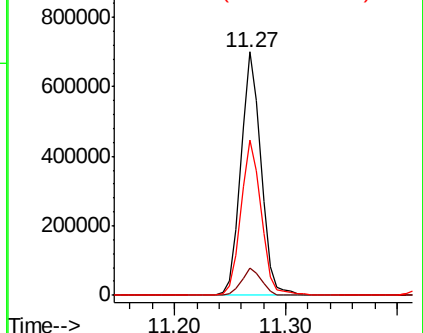
85 64.3 32.2 96.6



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: 126.689 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006952.D

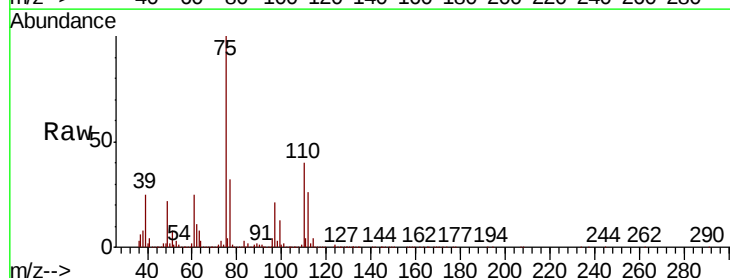
Acq: 08 Jan 2019 13:18

Tgt Ion: 75 Resp: 1042148

Ion Ratio Lower Upper

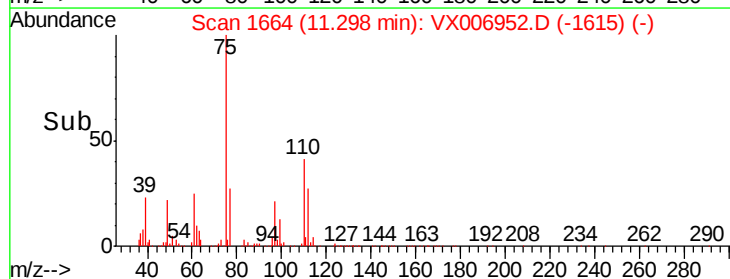
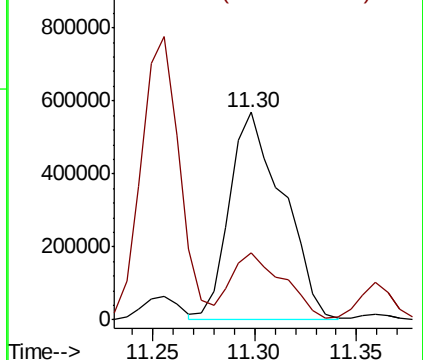
75 100

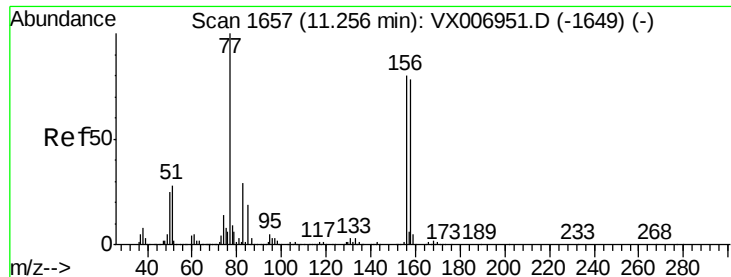
77 31.5 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 95.310 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

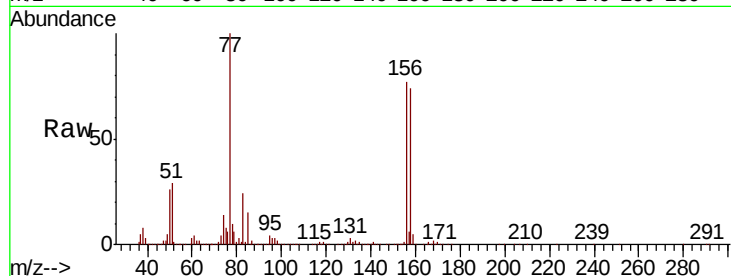
Tgt Ion:156 Resp: 751707

Ion Ratio Lower Upper

156 100

77 134.5 68.0 204.0

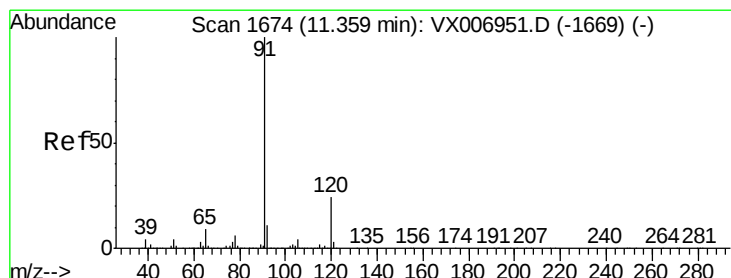
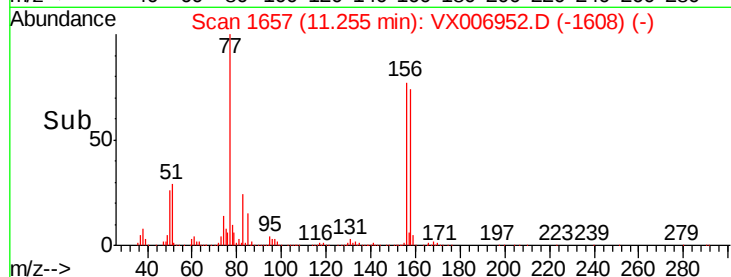
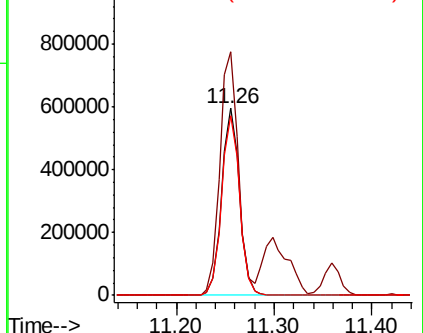
158 97.2 48.3 144.8



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: 96.910 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006952.D

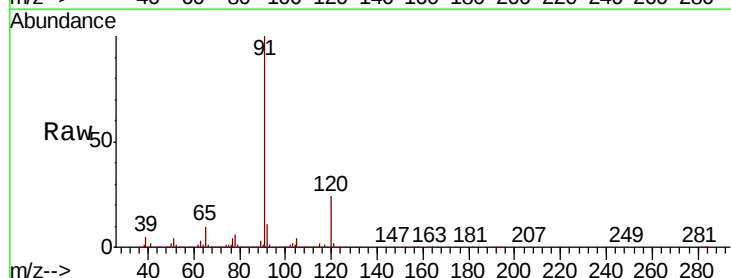
Acq: 08 Jan 2019 13:18

Tgt Ion: 91 Resp: 3045205

Ion Ratio Lower Upper

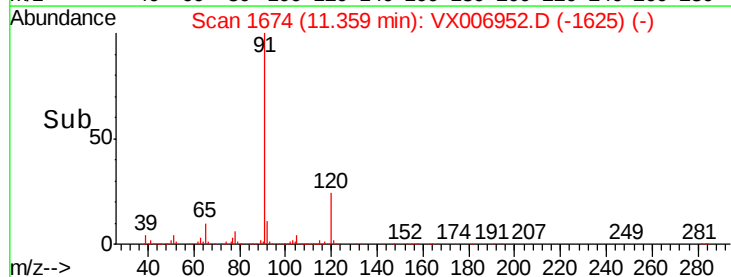
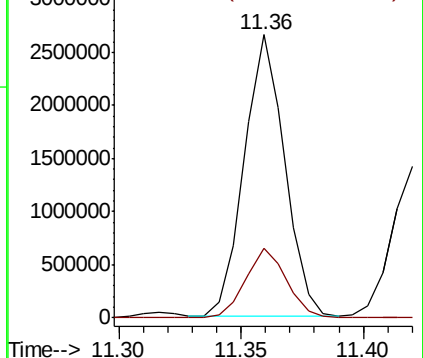
91 100

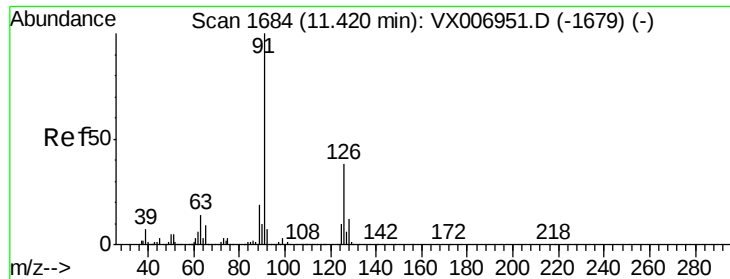
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.031 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

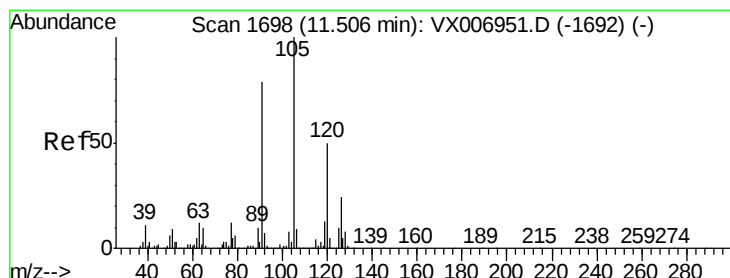
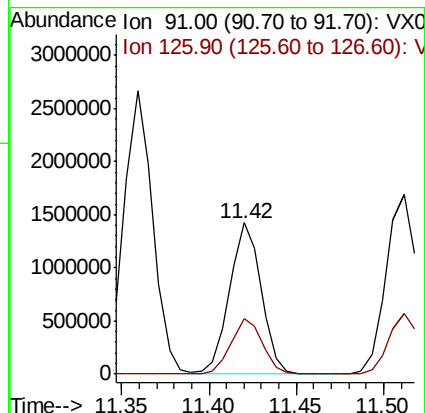
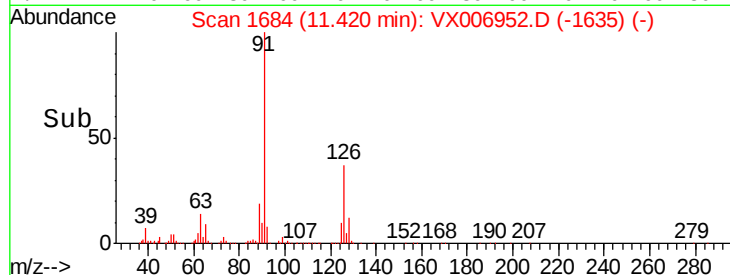
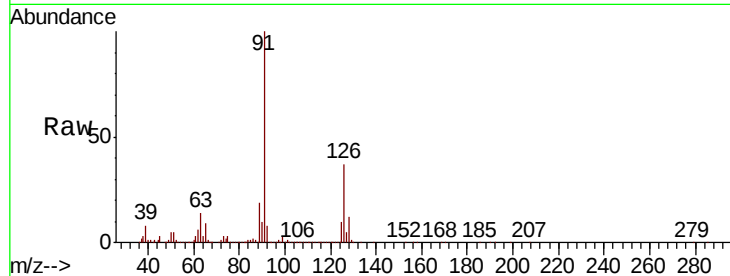
VSTDIC100

Tgt Ion: 91 Resp: 1778632

Ion Ratio Lower Upper

91 100

126 37.1 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 95.669 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006952.D

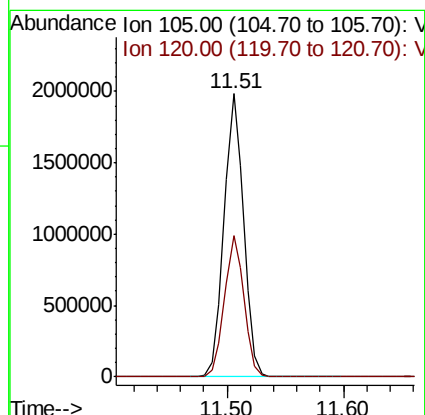
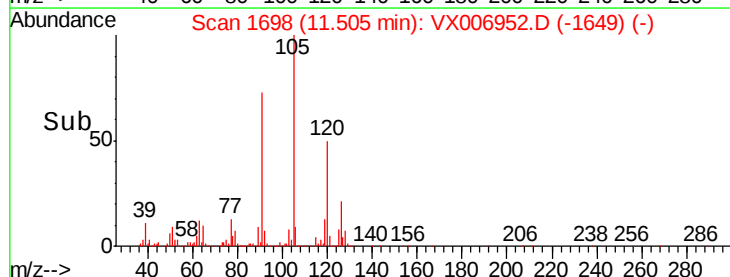
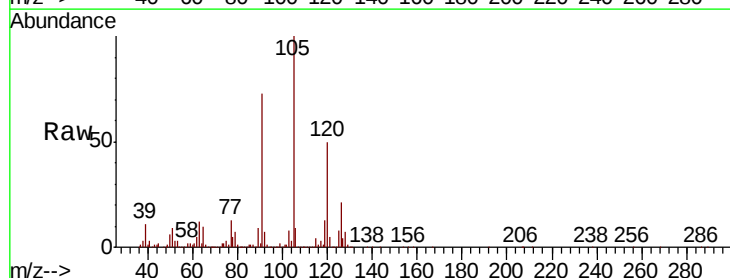
Acq: 08 Jan 2019 13:18

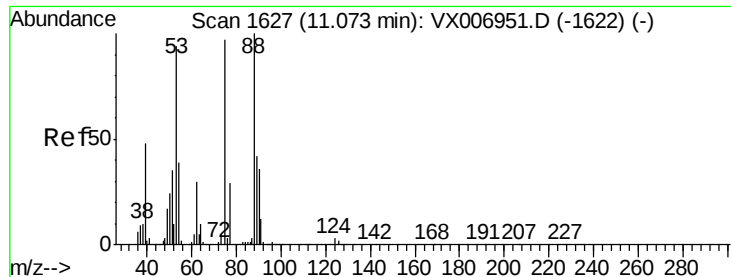
Tgt Ion: 105 Resp: 2288172

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3

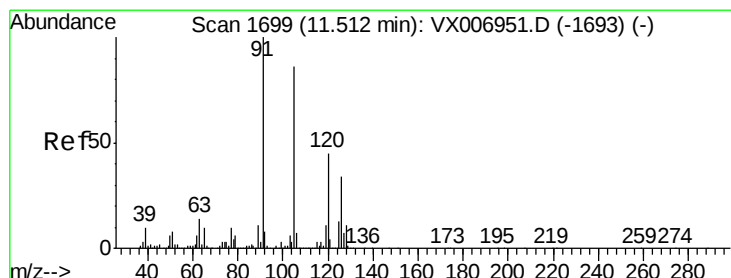
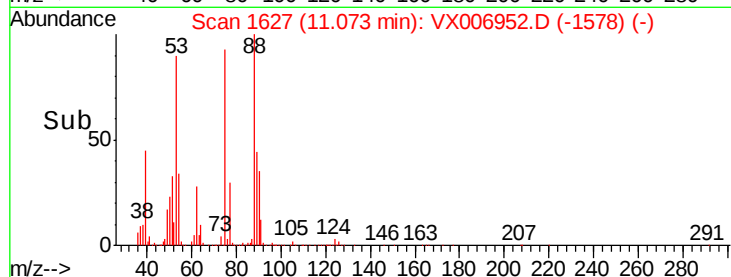
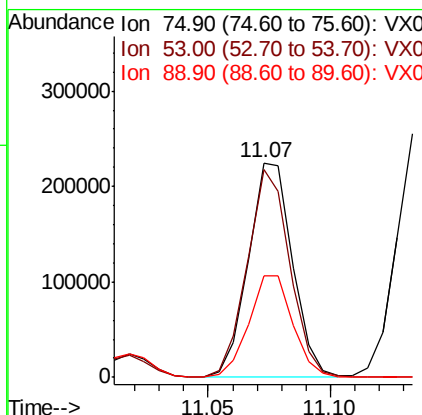
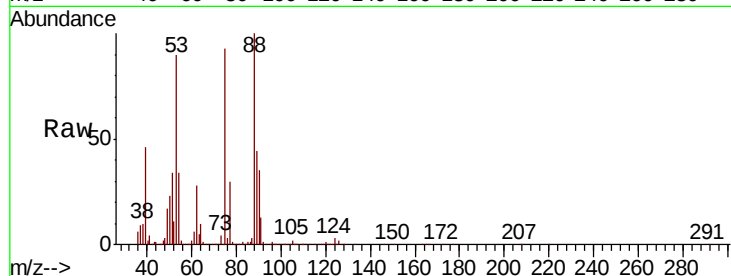




#81
trans-1,4-Dichloro-2-butene
Concen: 98.887 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

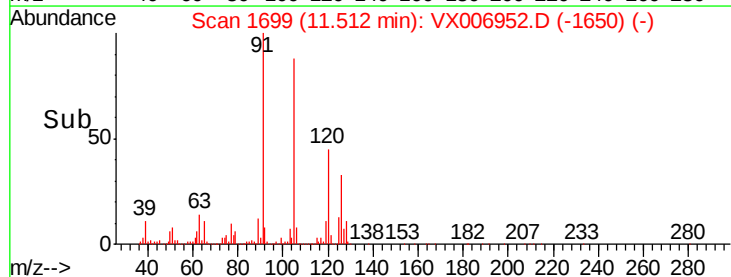
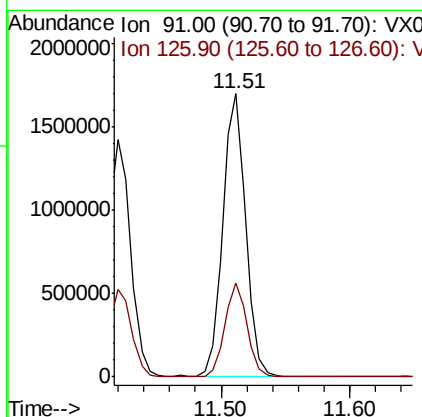
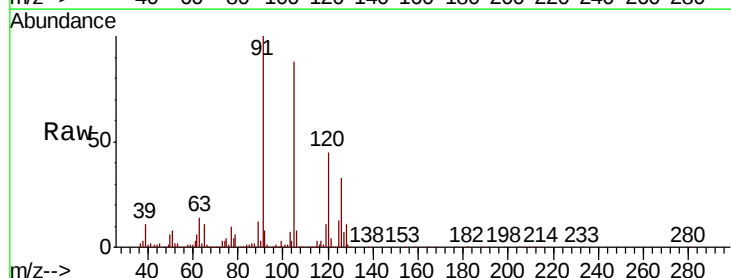
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

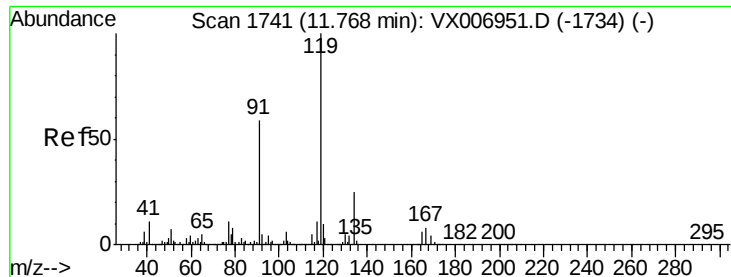
Tgt Ion: 75 Resp: 280452
Ion Ratio Lower Upper
75 100
53 93.7 79.7 119.5
89 47.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 96.980 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 91 Resp: 2123952
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9





#83

tert-Butylbenzene

Concen: 98.003 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

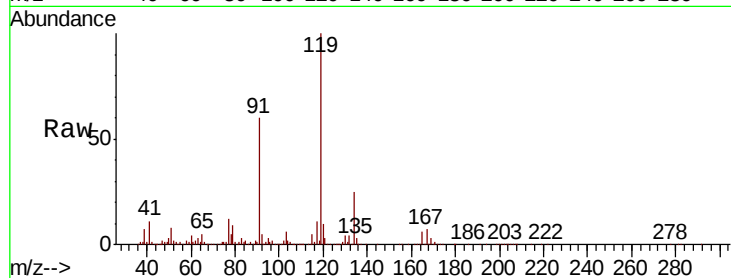
Tgt Ion:119 Resp: 2338657

Ion Ratio Lower Upper

119 100

91 53.8 27.7 83.1

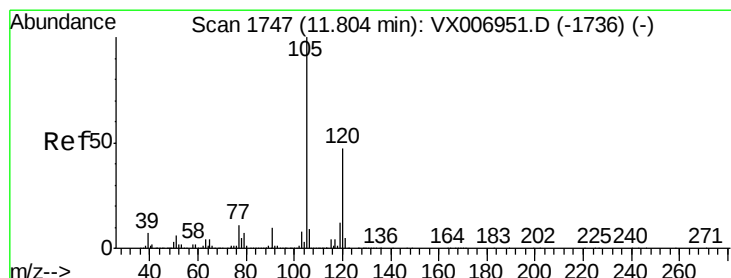
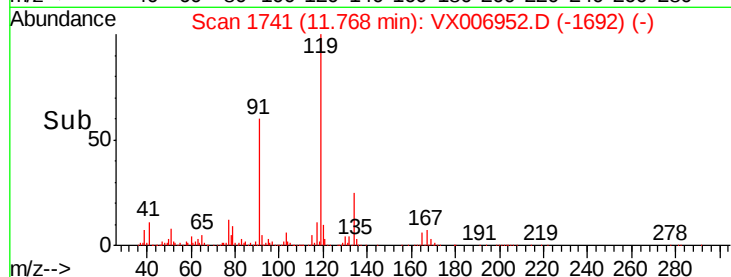
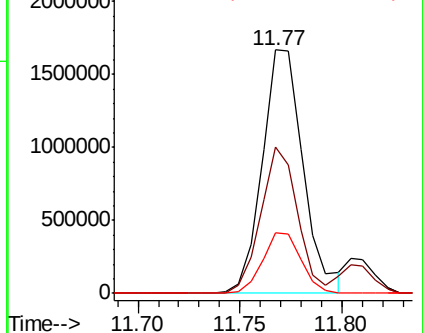
134 23.5 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 96.875 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006952.D

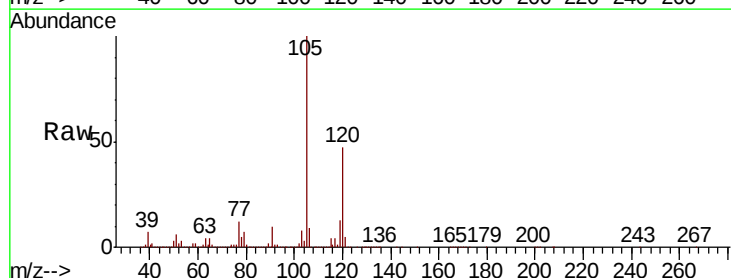
Acq: 08 Jan 2019 13:18

Tgt Ion:105 Resp: 2329940

Ion Ratio Lower Upper

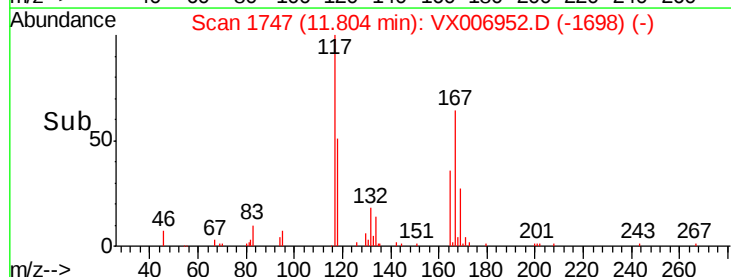
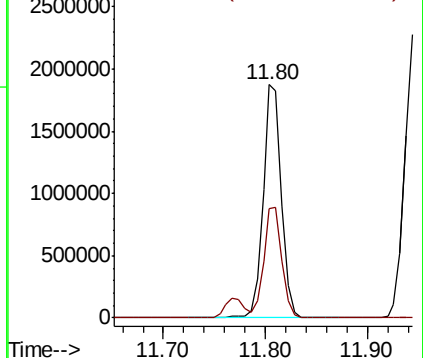
105 100

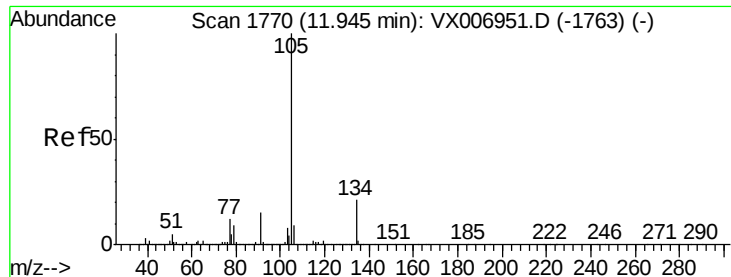
120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 95.666 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

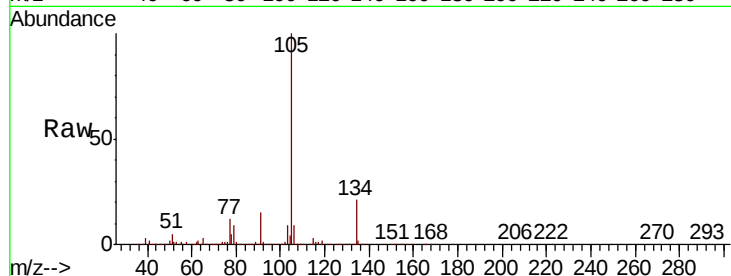
VSTDIC100

Tgt Ion:105 Resp: 2726387

Ion Ratio Lower Upper

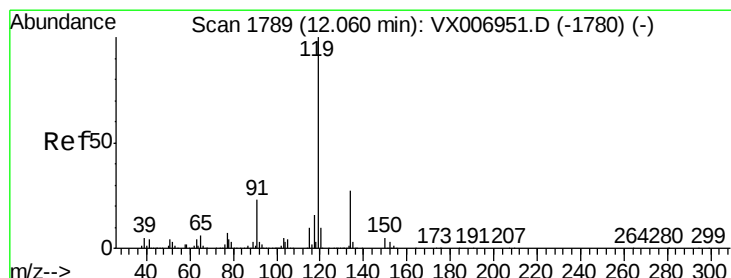
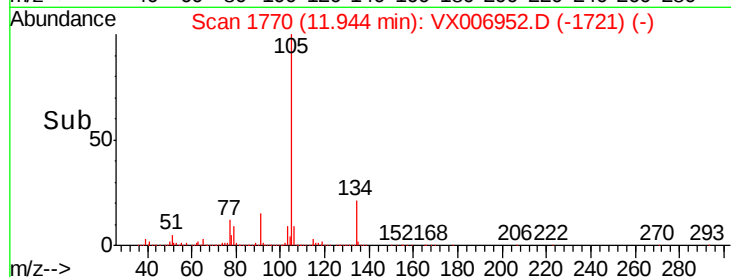
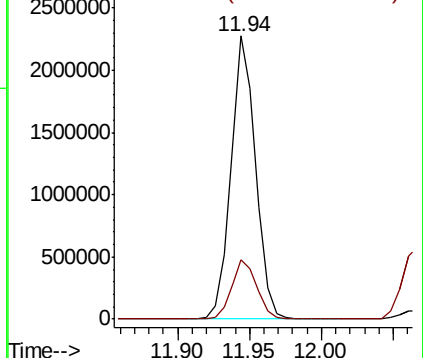
105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 96.974 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

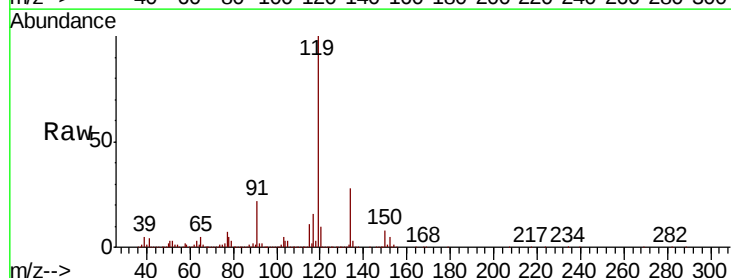
Tgt Ion:119 Resp: 2472031

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

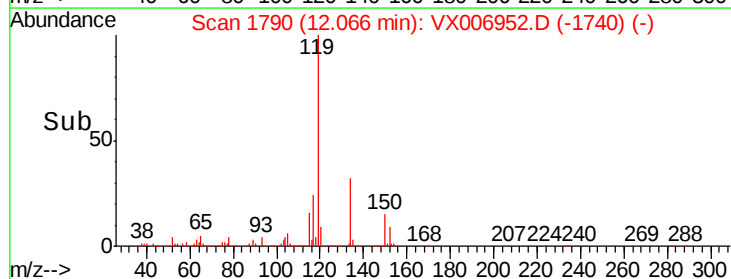
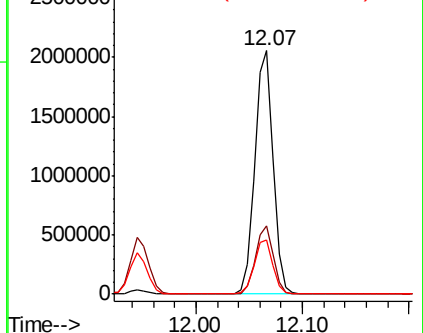
91 22.5 11.3 33.9

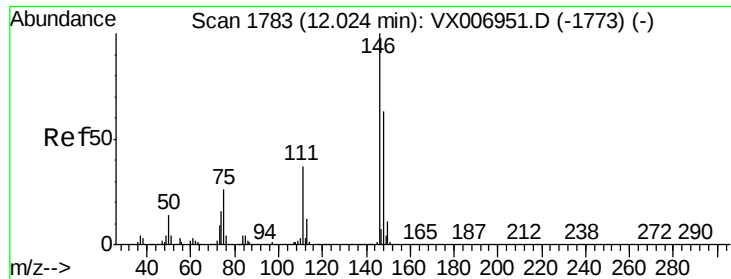


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

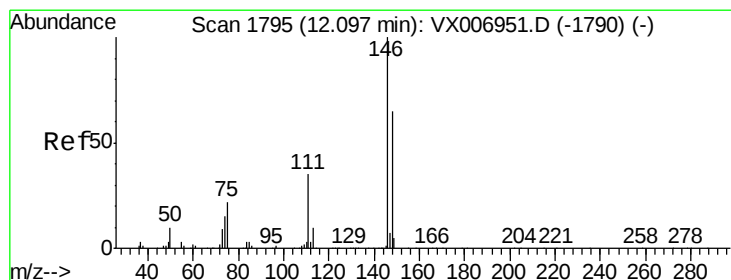
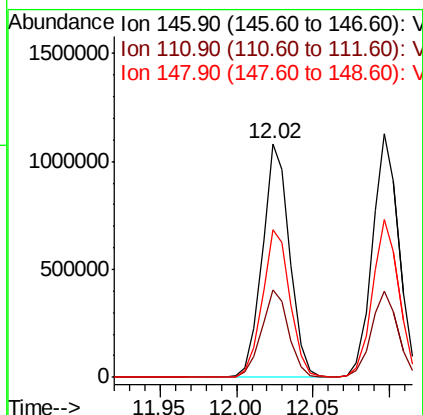
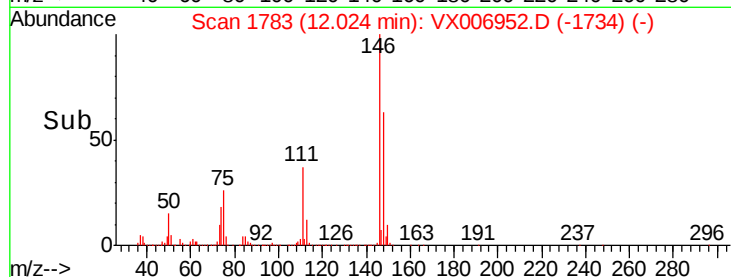
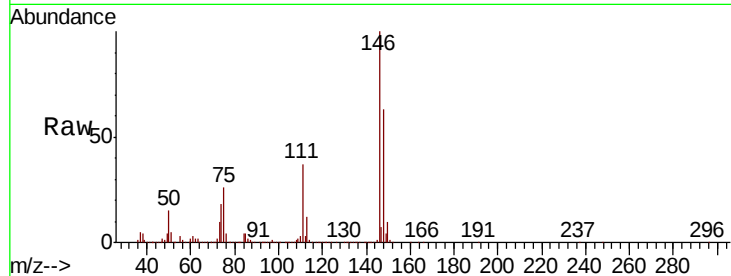




#87
 1,3-Dichlorobenzene
 Concen: 94.185 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006952.D
 Acq: 08 Jan 2019 13:18

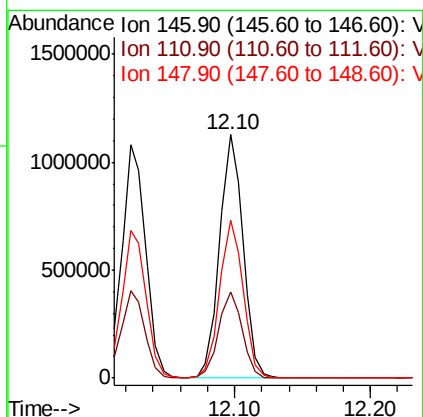
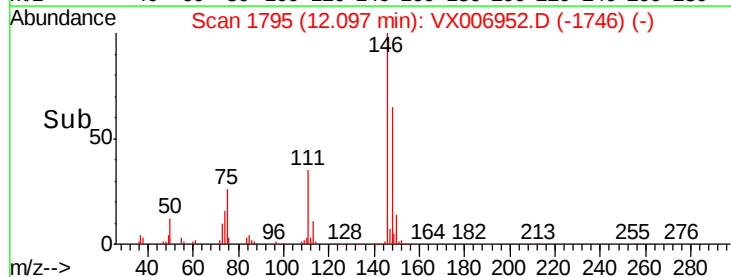
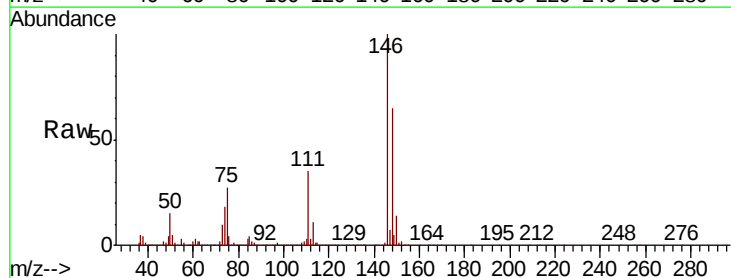
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

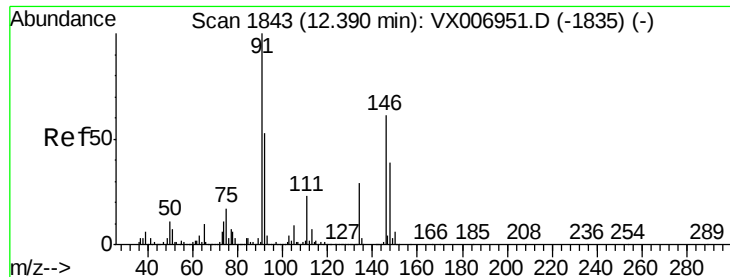
Tgt Ion:146 Resp: 1342662
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 99.870 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006952.D
 Acq: 08 Jan 2019 13:18

Tgt Ion:146 Resp: 1350884
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.1
 148 64.7 31.9 95.9

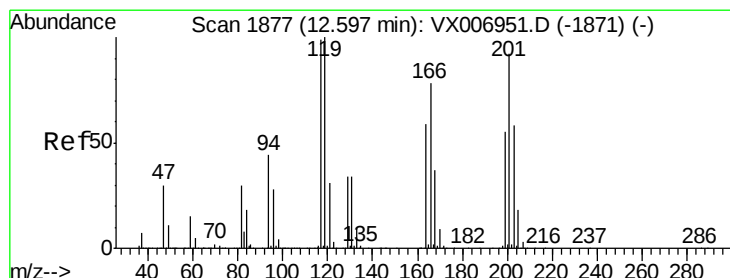
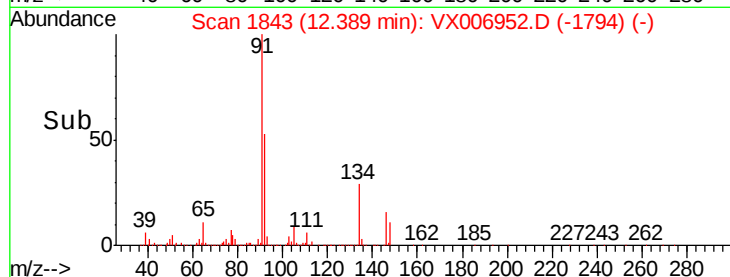
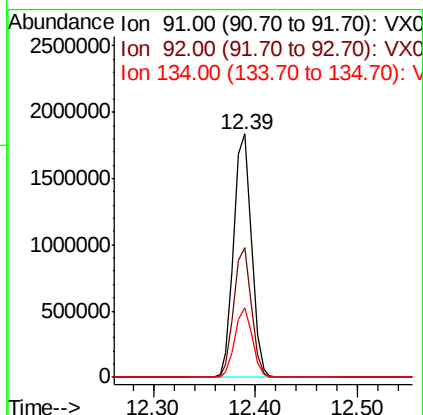
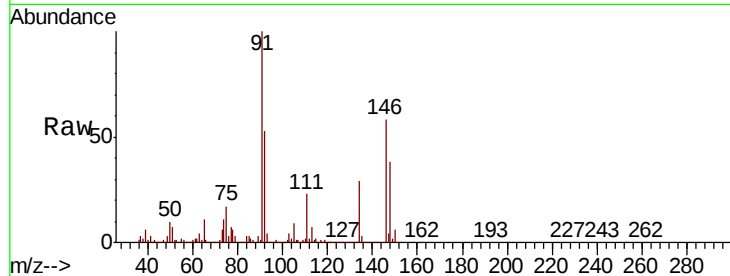




#89
n-Butylbenzene
Concen: 100.907 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

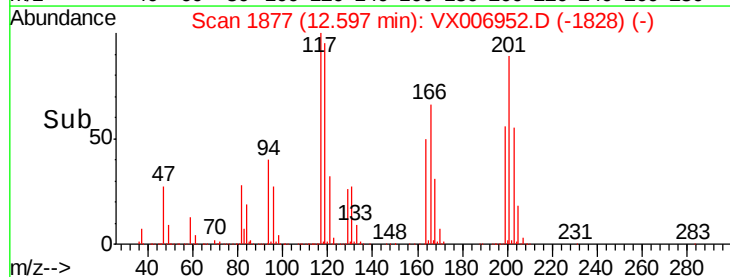
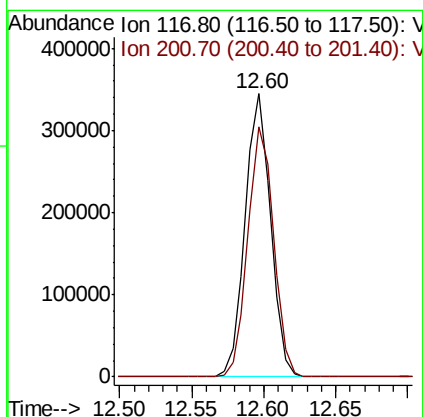
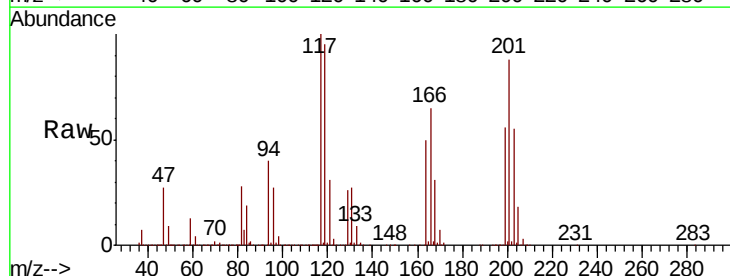
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

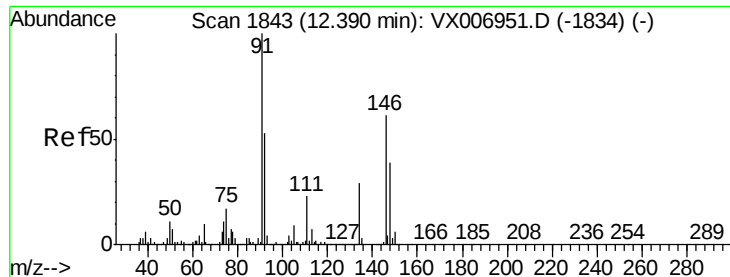
Tgt Ion: 91 Resp: 2192771
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 100.099 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion: 117 Resp: 419951
Ion Ratio Lower Upper
117 100
201 89.6 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 95.201 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

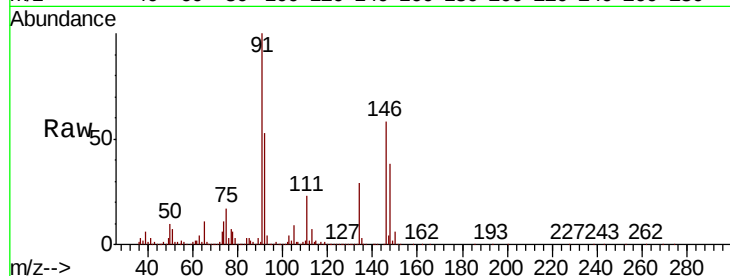
Tgt Ion:146 Resp: 1339304

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

148 64.5 32.3 96.9

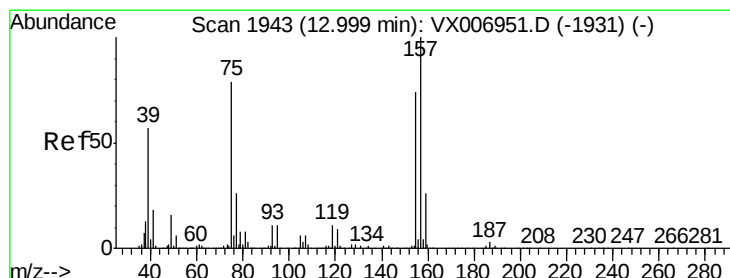
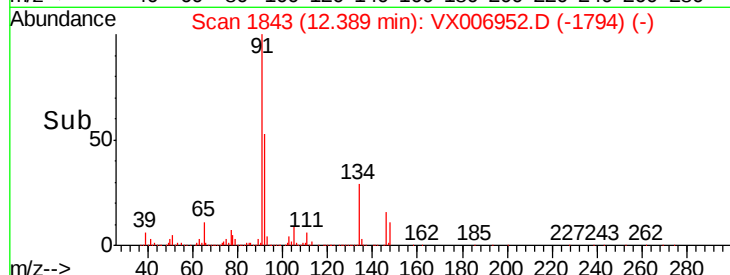
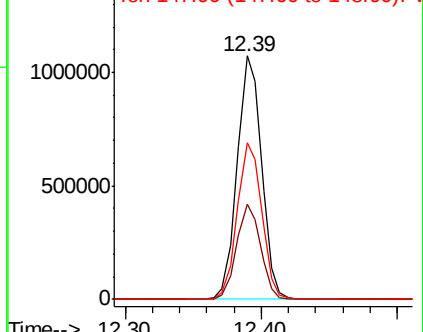


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.603 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

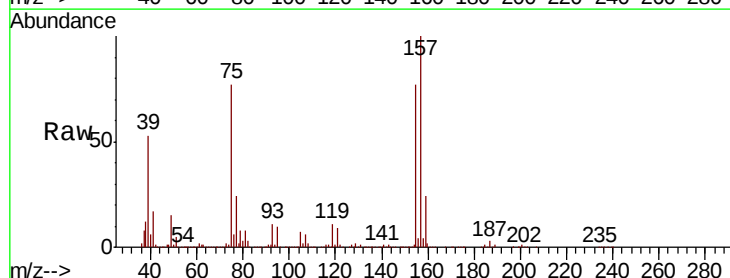
Tgt Ion: 75 Resp: 193386

Ion Ratio Lower Upper

75 100

155 102.6 50.6 151.8

157 132.8 64.6 193.8

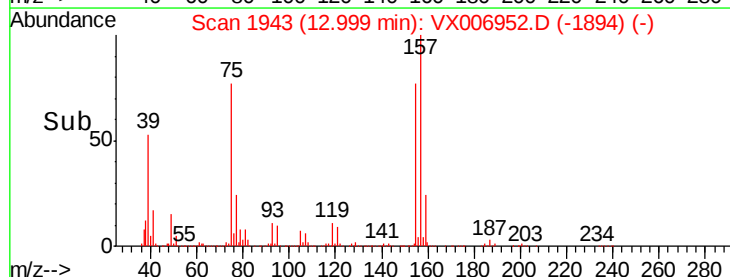
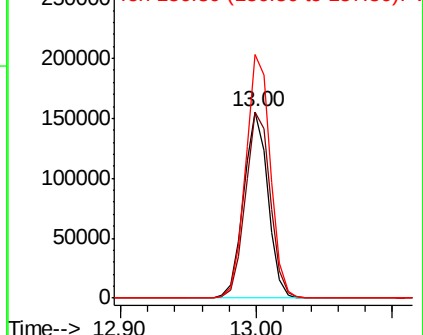


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

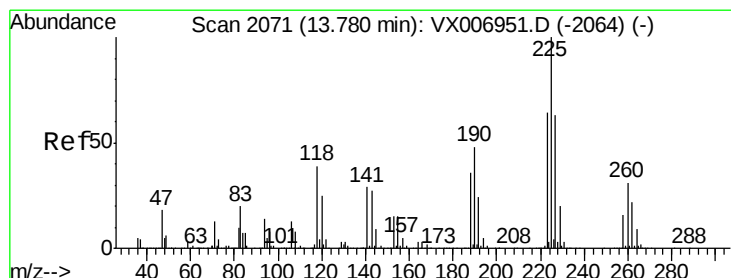
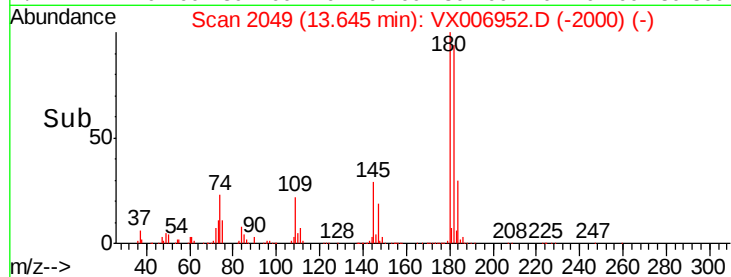
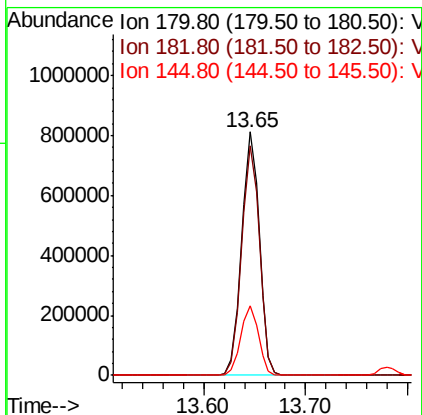
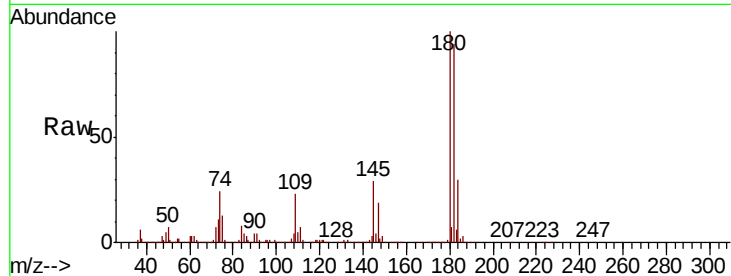




#93
1,2,4-Trichlorobenzene
Concen: 100.214 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

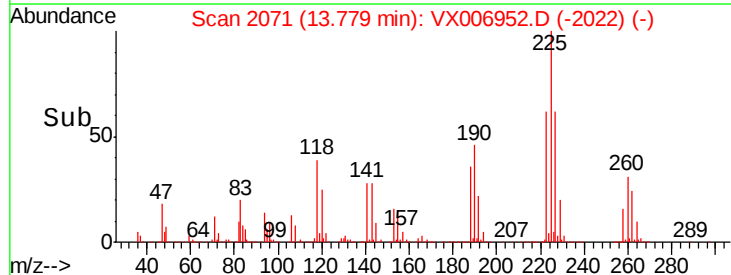
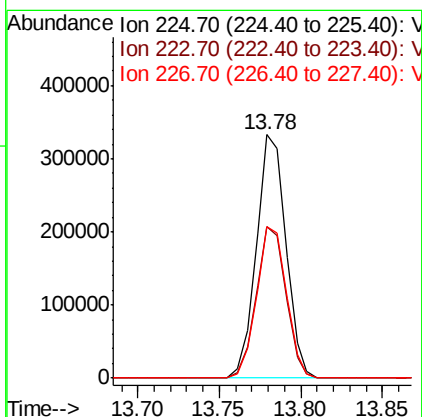
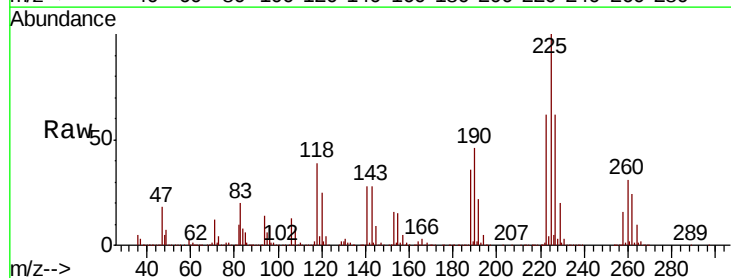
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion:180 Resp: 967241
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 28.6 14.8 44.3



#94
Hexachlorobutadiene
Concen: 98.080 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion:225 Resp: 420088
Ion Ratio Lower Upper
225 100
223 62.6 32.1 96.3
227 63.0 32.3 96.8

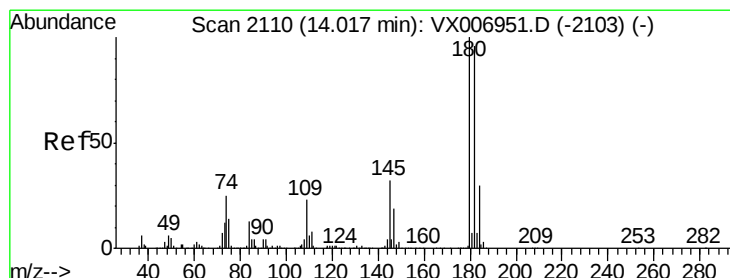
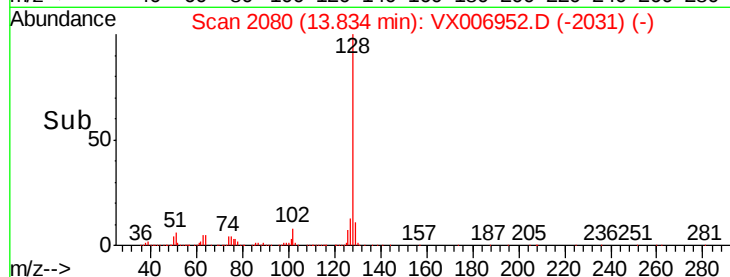
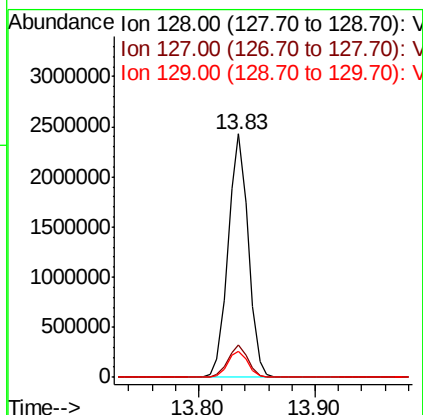
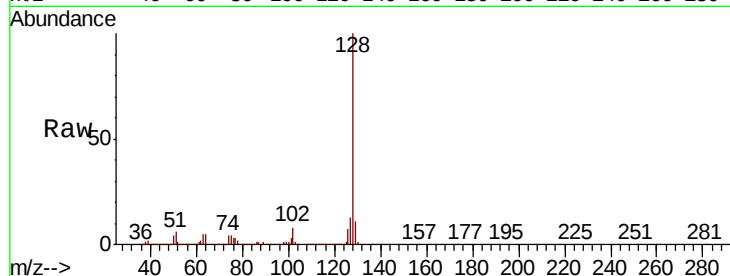




#95
Naphthalene
Concen: 99.259 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 2903025
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 99.224 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006952.D
Acq: 08 Jan 2019 13:18

Tgt Ion:180 Resp: 951358
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.5
145 30.4 16.0 47.9

