

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010903.D
 Acq On : 16 Jul 2019 11:16
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Quant Time: Jul 17 04:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:02:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171880	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	233997	107.55	ug/l	0.00
Spiked Amount			Recovery	=	215.10%	
35) Dibromofluoromethane	5.50	113	211597	100.86	ug/l	0.00
Spiked Amount			Recovery	=	201.72%	
50) Toluene-d8	8.71	98	793859	99.09	ug/l	0.00
Spiked Amount			Recovery	=	198.18%	
62) 4-Bromofluorobenzene	11.13	95	307729	105.74	ug/l	0.00
Spiked Amount			Recovery	=	211.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	248997	143.792	ug/l	98
3) Chloromethane	1.33	50	219935	115.959	ug/l	99
4) Vinyl Chloride	1.41	62	225742	108.985	ug/l	100
5) Bromomethane	1.64	94	117910	114.867	ug/l	100
6) Chloroethane	1.71	64	137644	111.660	ug/l	97
7) Trichlorofluoromethane	1.92	101	377490	114.930	ug/l	99
8) Diethyl Ether	2.19	74	121208	104.387	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	207446	105.472	ug/l	100
10) Methyl Iodide	2.51	142	307087	110.976	ug/l	99
11) Tert butyl alcohol	3.06	59	269120	482.528	ug/l	99
12) 1,1-Dichloroethene	2.37	96	208142	104.418	ug/l	99
13) Acrolein	2.29	56	157845	433.397	ug/l	99
14) Allyl chloride	2.73	41	310509	109.975	ug/l	99
15) Acrylonitrile	3.15	53	577795	521.550	ug/l	100
16) Acetone	2.45	43	537624	505.700	ug/l	100
17) Carbon Disulfide	2.57	76	560184	105.410	ug/l	100
18) Methyl Acetate	2.78	43	238642	110.176	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	664831	106.429	ug/l	100
20) Methylene Chloride	2.85	84	225296	101.668	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	217232	101.792	ug/l	98
22) Diisopropyl ether	3.86	45	635878	107.609	ug/l	91
23) Vinyl Acetate	3.82	43	2848891	558.862	ug/l	100
24) 1,1-Dichloroethane	3.70	63	363205	106.522	ug/l	99
25) 2-Butanone	4.68	43	824415	526.743	ug/l	100
26) 2,2-Dichloropropane	4.58	77	312057	105.761	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	251208	102.508	ug/l	98
28) Bromochloromethane	5.02	49	165285	101.521	ug/l	100
29) Tetrahydrofuran	5.13	42	510529	523.922	ug/l	100
30) Chloroform	5.21	83	390685	106.353	ug/l	98
31) Cyclohexane	5.58	56	334560	107.401	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	356264	109.833	ug/l	100
36) 1,1-Dichloropropene	5.80	75	289906	105.780	ug/l	99
37) Ethyl Acetate	4.84	43	308315	109.651	ug/l	99
38) Carbon Tetrachloride	5.79	117	317744	108.025	ug/l	94

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 VSTDICC100

Quant Time: Jul 17 04:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	375706	104.662	ug/l	99
40) Benzene	6.14	78	870414	102.619	ug/l	99
41) Methacrylonitrile	5.04	41	165411	107.795	ug/l	97
42) 1,2-Dichloroethane	6.20	62	301883	115.256	ug/l	99
43) Isopropyl Acetate	6.45	43	501856	108.261	ug/l	99
44) Trichloroethene	7.21	130	256236	101.186	ug/l	97
45) 1,2-Dichloropropane	7.51	63	217130	101.279	ug/l	100
46) Dibromomethane	7.66	93	162518	105.590	ug/l	99
47) Bromodichloromethane	7.90	83	305591	108.887	ug/l	99
48) Methyl methacrylate	7.77	41	246243	113.951	ug/l	98
49) 1,4-Dioxane	7.74	88	126898	2041.204	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1639292	550.634	ug/l	100
52) Toluene	8.79	92	572343	102.528	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	346665	110.425	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	368179	107.596	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	240875	104.894	ug/l	98
56) Ethyl methacrylate	9.18	69	379121	108.975	ug/l	99
57) 1,3-Dichloropropane	9.37	76	376555	105.205	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	878620	533.586	ug/l	100
59) 2-Hexanone	9.49	43	1273233	543.371	ug/l	100
60) Dibromochloromethane	9.58	129	275523	107.862	ug/l	100
61) 1,2-Dibromoethane	9.67	107	263654	106.223	ug/l	100
64) Tetrachloroethene	9.34	164	234798	91.108	ug/l	97
65) Chlorobenzene	10.14	112	652973	100.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	246573	104.481	ug/l	99
67) Ethyl Benzene	10.25	91	1140580	103.648	ug/l	99
68) m/p-Xylenes	10.36	106	873004	205.241	ug/l	100
69) o-Xylene	10.70	106	428856	102.399	ug/l	99
70) Styrene	10.71	104	751860	107.086	ug/l	100
71) Bromoform	10.85	173	221151	109.609	ug/l #	99
73) Isopropylbenzene	11.02	105	1165327	100.209	ug/l	99
74) N-amyl acetate	10.90	43	471958	107.206	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	374685	97.400	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	432806	138.448	ug/l	84
77) Bromobenzene	11.26	156	314041	96.911	ug/l	98
78) n-propylbenzene	11.36	91	1317305	102.981	ug/l	99
79) 2-Chlorotoluene	11.42	91	779605	102.202	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	992122	103.195	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	129105	99.423	ug/l	98
82) 4-Chlorotoluene	11.51	91	913057	105.069	ug/l	99
83) tert-Butylbenzene	11.77	119	976880	101.513	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	998201	103.515	ug/l	100
85) sec-Butylbenzene	11.94	105	1149992	101.770	ug/l	100
86) p-Isopropyltoluene	12.06	119	1076027	102.932	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	560714	98.961	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	560887	97.110	ug/l	99
89) n-Butylbenzene	12.38	91	950116	106.783	ug/l	100
90) Hexachloroethane	12.60	117	183705	103.675	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	543909	96.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	87424	104.938	ug/l	99

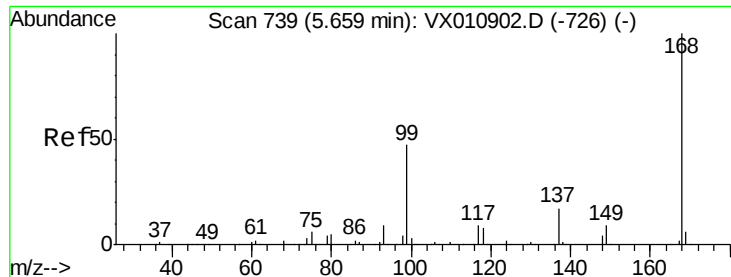
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	389004	99.905	ug/l	99
94) Hexachlorobutadiene	13.78	225	185108	97.446	ug/l	99
95) Naphthalene	13.83	128	1186657	99.816	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	385779	99.871	ug/l	99

(#) = 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. 0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

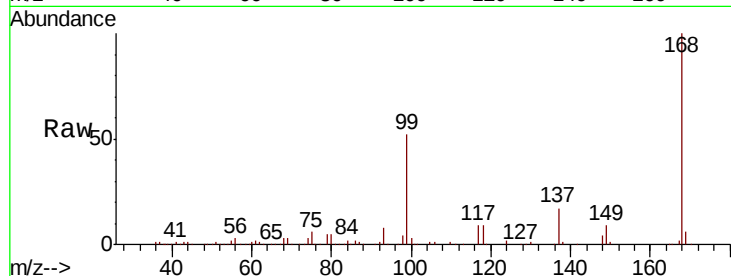
VSTDIC100

Tot Ion:168 Resp: 227694

Ion Ratio Lower Upper

168 100

99 51.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

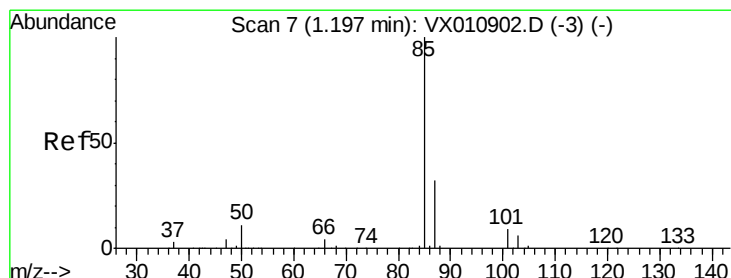
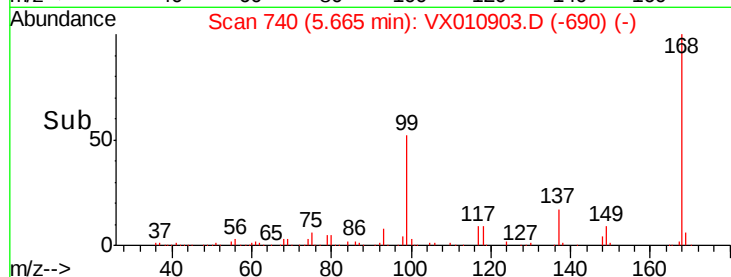
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 143.792 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010903.D

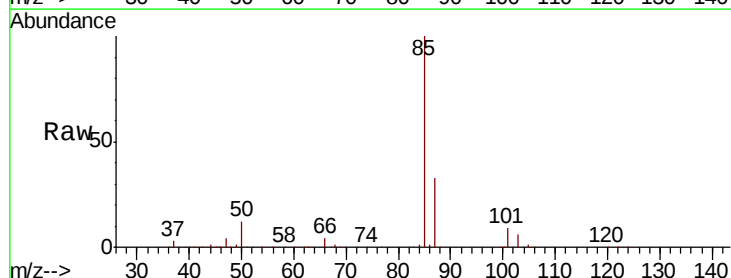
Acq: 16 Jul 2019 11:16

Tgt Ion: 85 Resp: 248997

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

100000

50000

0

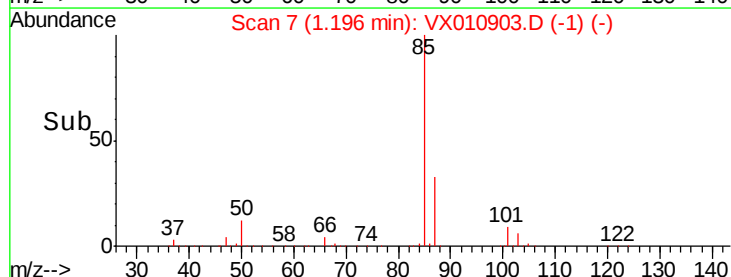
Time-->

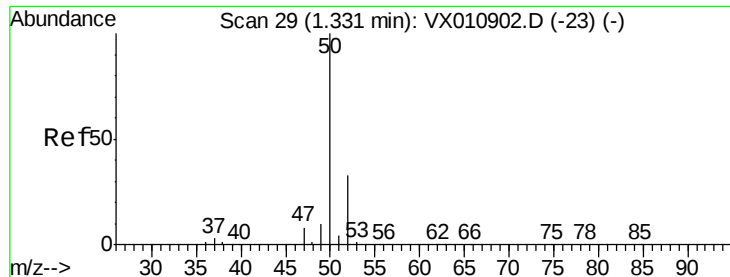
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 115.959 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

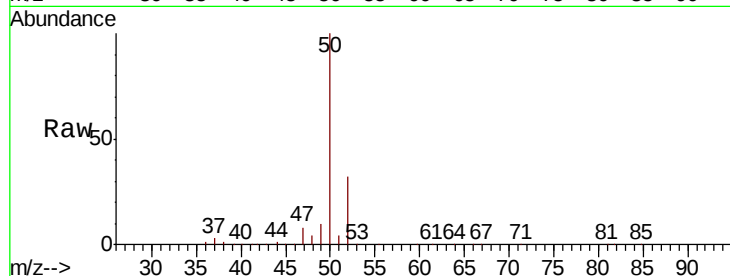
VSTDIC100

Tot Ion: 50 Resp: 219935

Ion Ratio Lower Upper

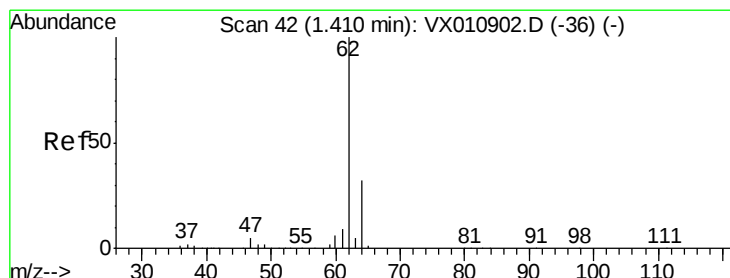
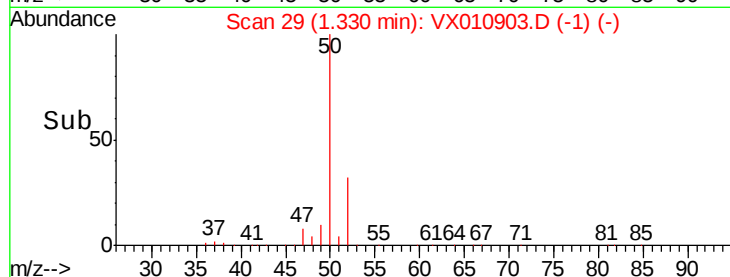
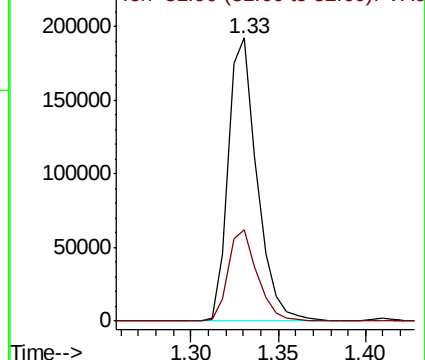
50 100

52 32.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 108.985 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010903.D

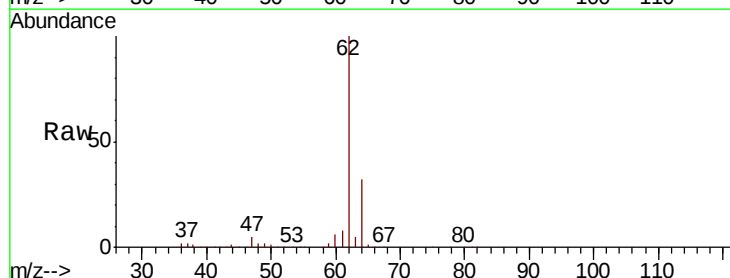
Acq: 16 Jul 2019 11:16

Tgt Ion: 62 Resp: 225742

Ion Ratio Lower Upper

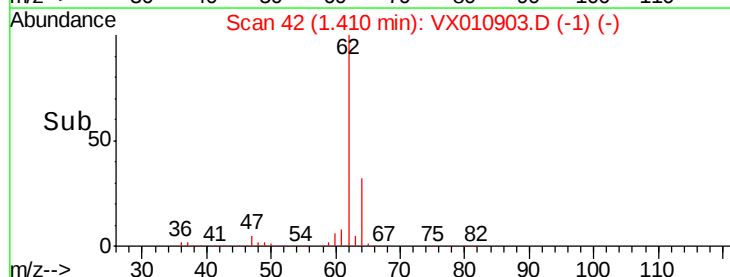
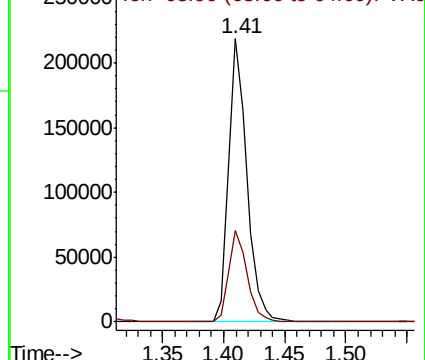
62 100

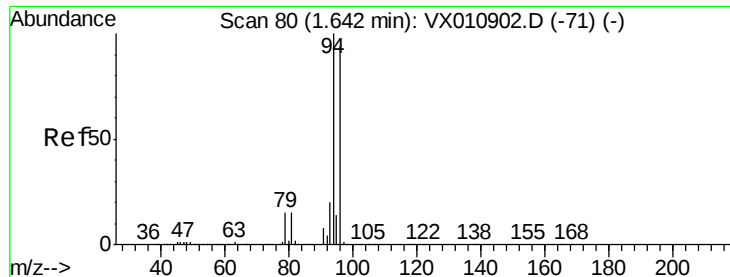
64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 114.867 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

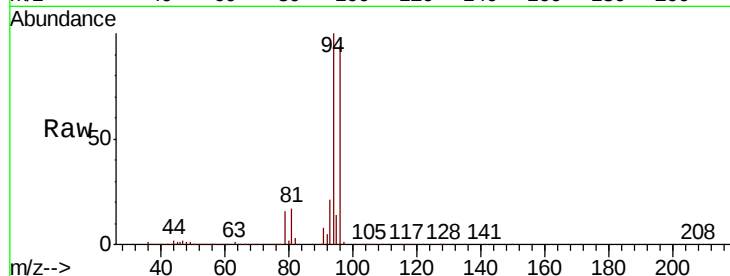
VSTDIC100

Tot Ion: 94 Resp: 117910

Ion Ratio Lower Upper

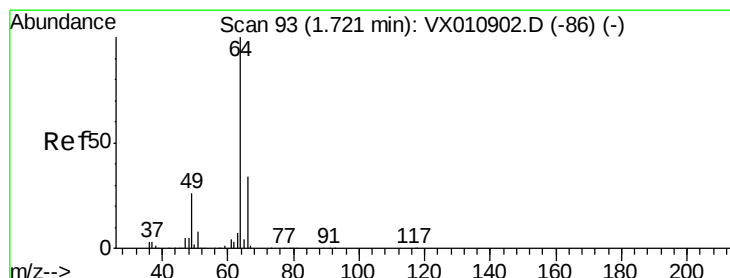
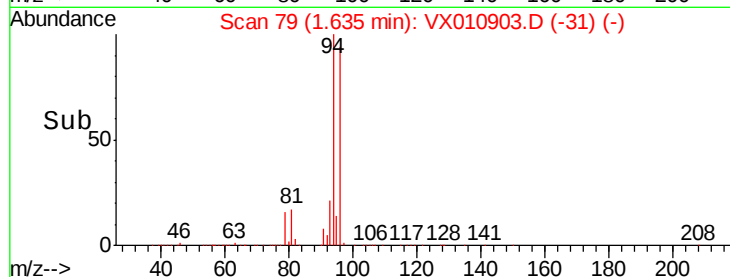
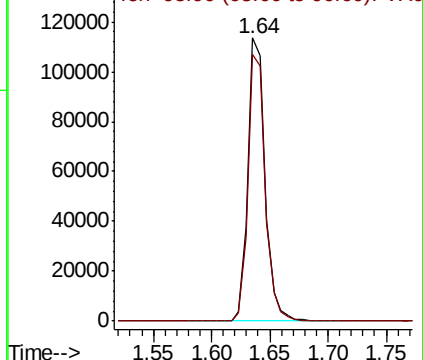
94 100

96 94.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 111.660 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010903.D

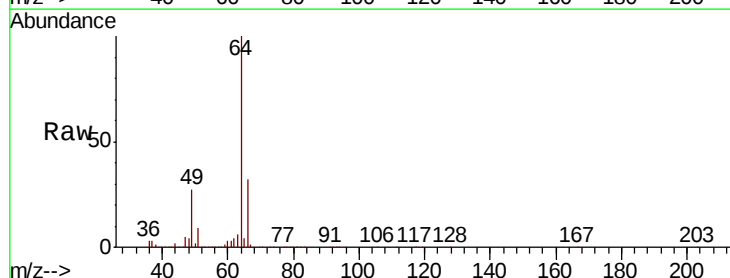
Acq: 16 Jul 2019 11:16

Tgt Ion: 64 Resp: 137644

Ion Ratio Lower Upper

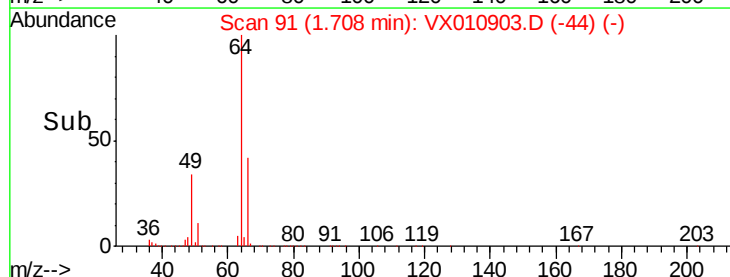
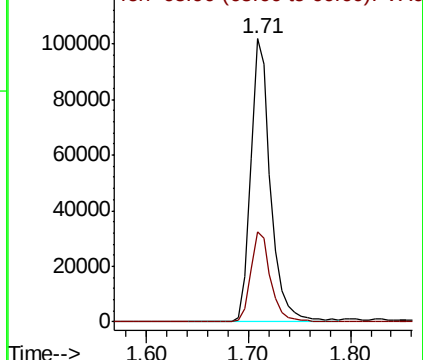
64 100

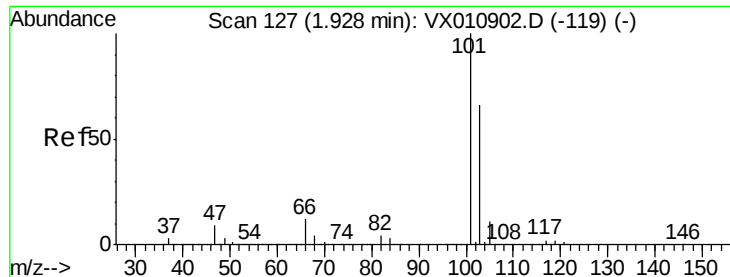
66 31.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



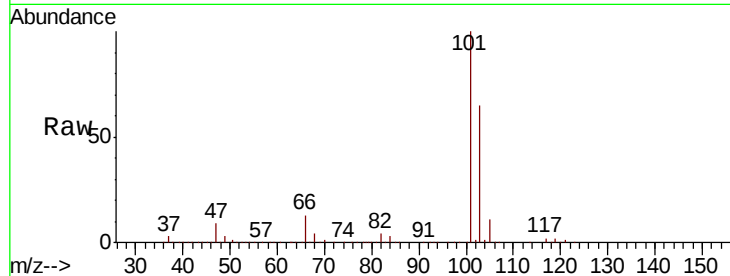


#7

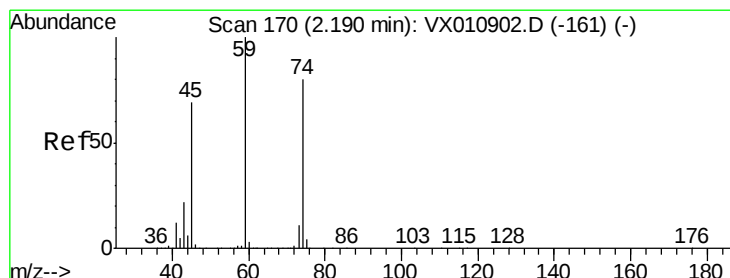
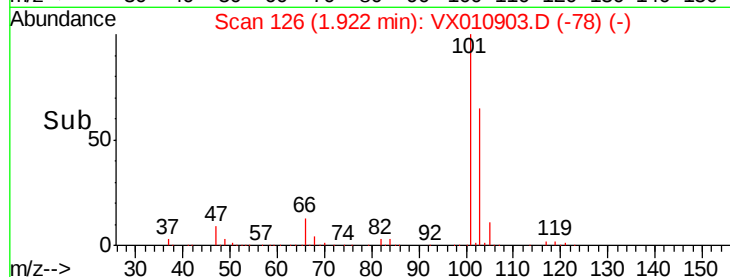
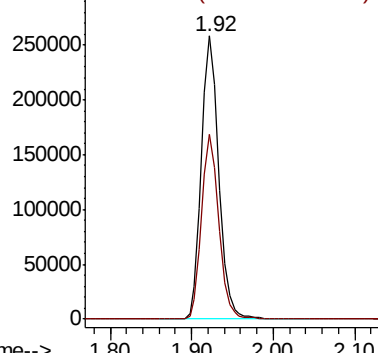
Trichlorofluoromethane
 Concen: 114.930 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Instrument :
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 ClientSampleId :
 VSTDIC100

Tot Ion:101 Resp: 377490
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.6 78.8



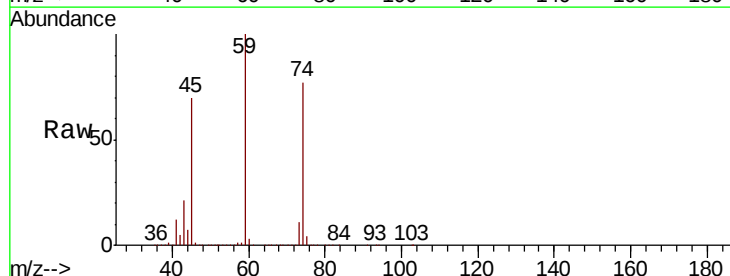
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



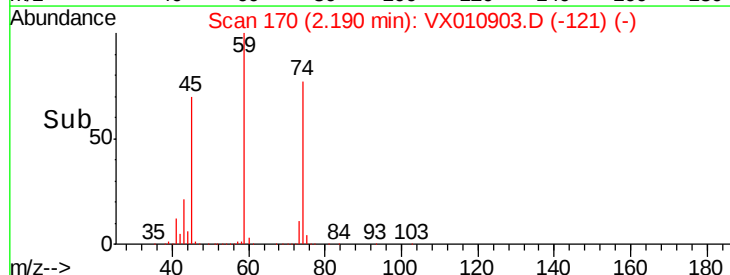
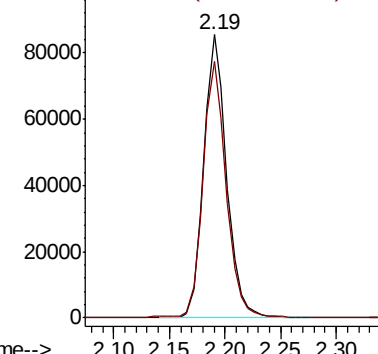
#8

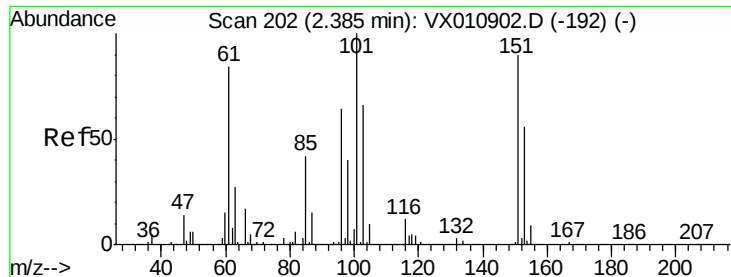
Diethyl Ether
 Concen: 104.387 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion: 74 Resp: 121208
 Ion Ratio Lower Upper
 74 100
 45 92.1 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 105.472 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

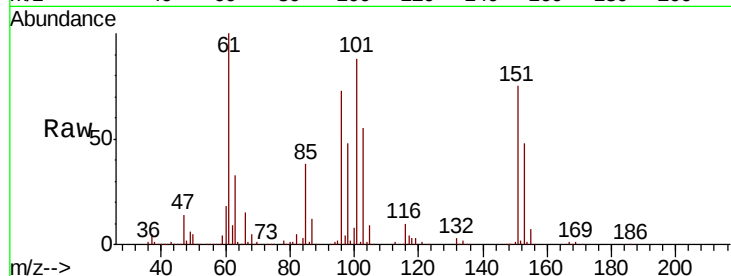
Tot Ion:101 Resp: 207446

Ion Ratio Lower Upper

101 100

85 43.2 34.6 52.0

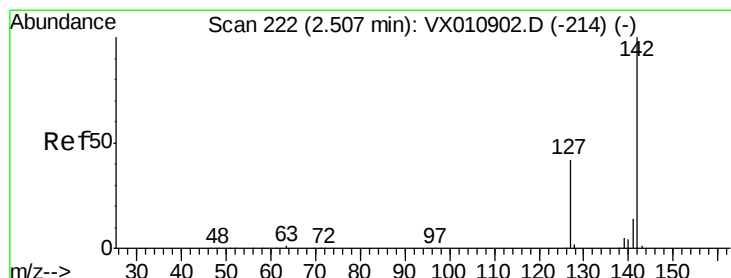
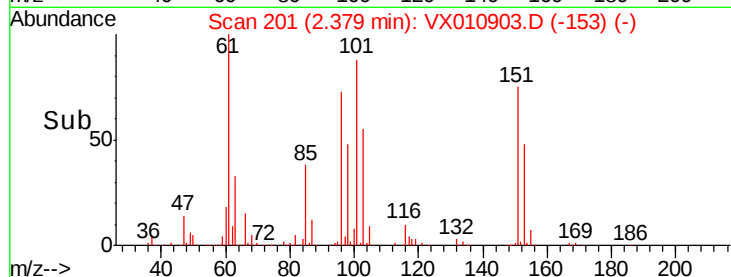
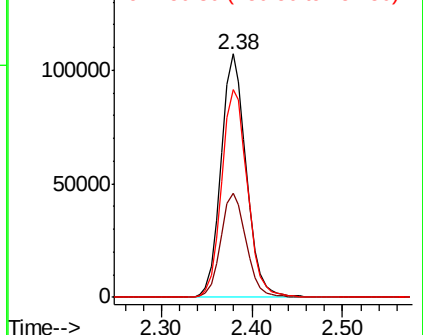
151 87.1 69.6 104.4



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: 110.976 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

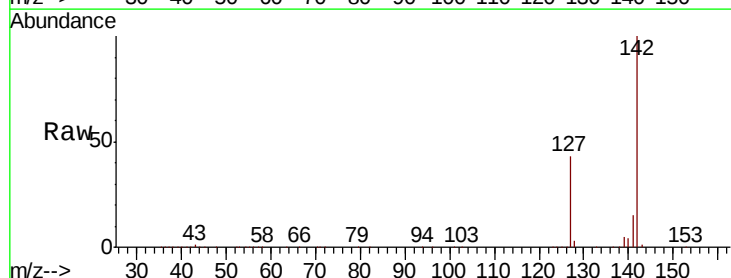
Tgt Ion:142 Resp: 307087

Ion Ratio Lower Upper

142 100

127 42.4 34.2 51.4

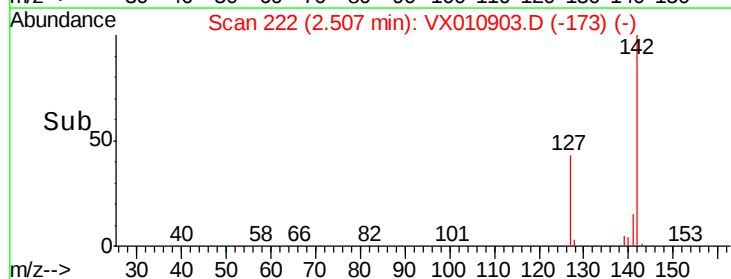
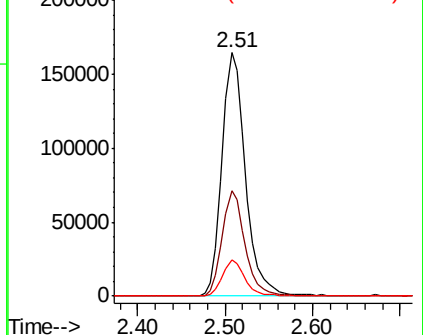
141 14.2 11.7 17.5

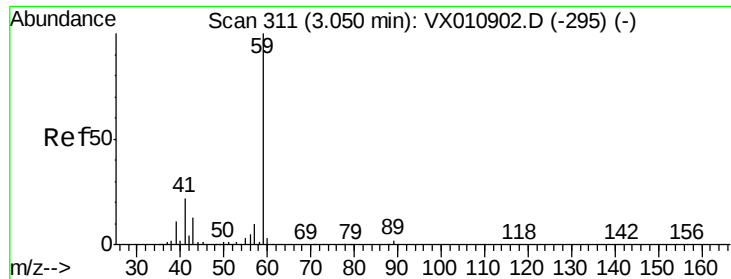


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



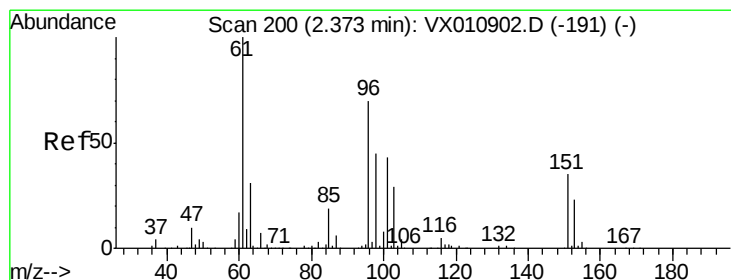
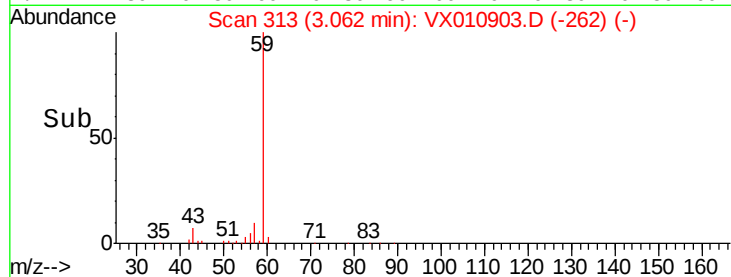
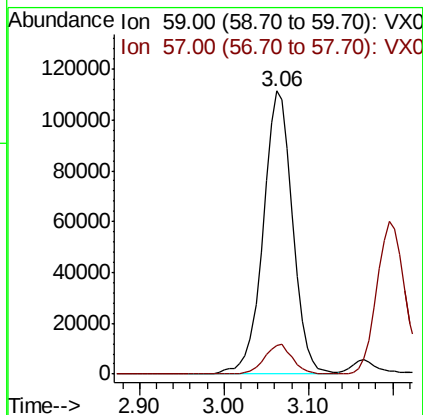
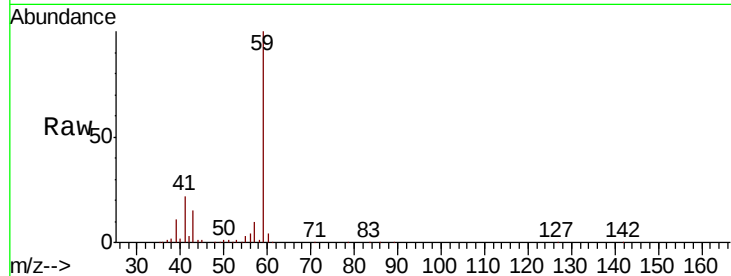


#11

Tert butyl alcohol
 Concen: 482.528 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

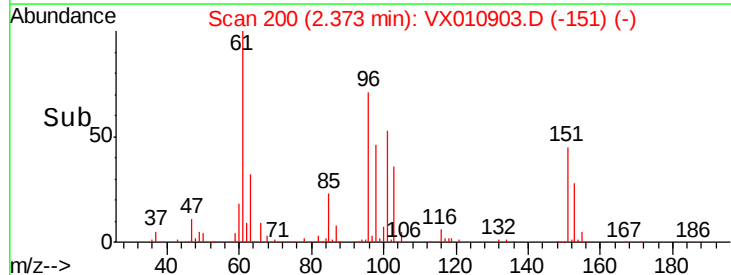
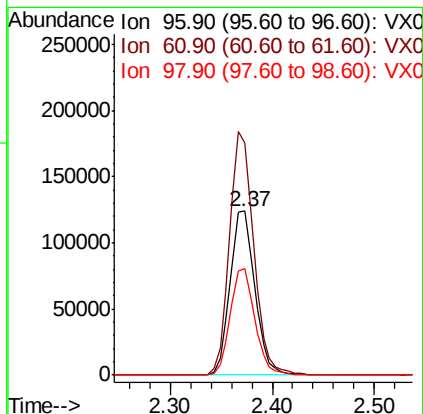
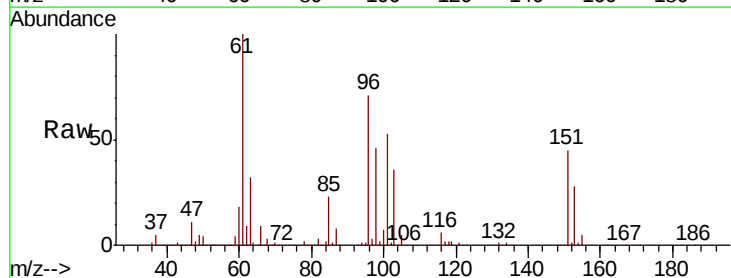
Tot Ion: 59 Resp: 269120
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.9 11.9

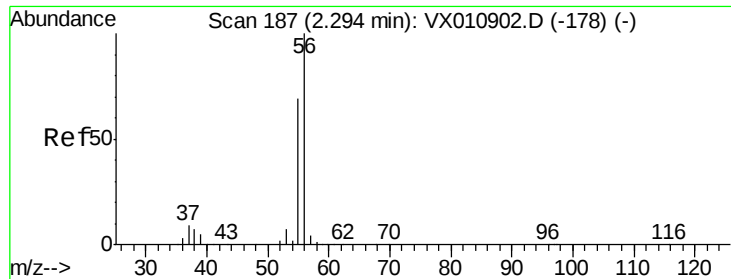


#12

1,1-Dichloroethene
 Concen: 104.418 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion: 96 Resp: 208142
 Ion Ratio Lower Upper
 96 100
 61 141.5 115.0 172.4
 98 65.0 52.2 78.2





#13

Acrolein

Concen: 433.397 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

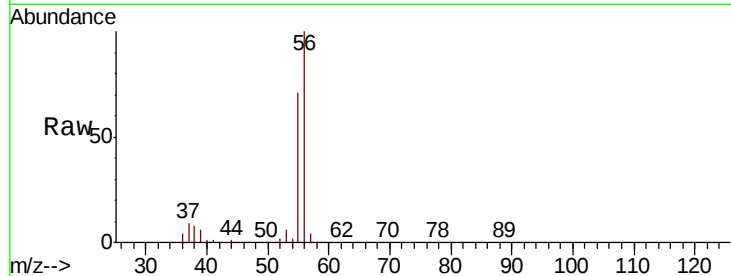
VSTDIC100

Tot Ion: 56 Resp: 157845

Ion Ratio Lower Upper

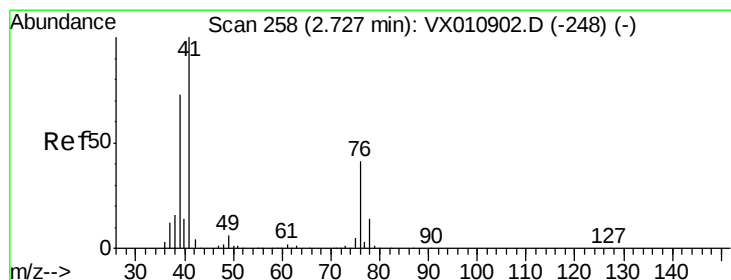
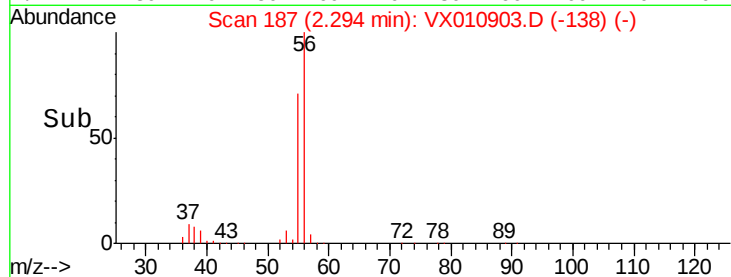
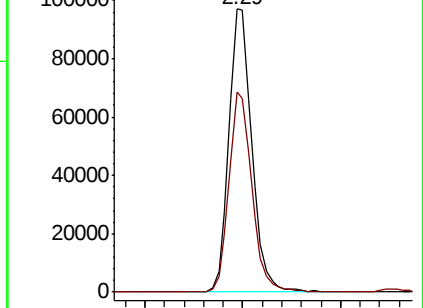
56 100

55 70.6 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 109.975 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

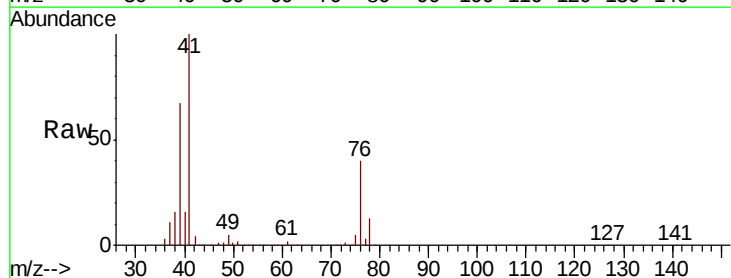
Tgt Ion: 41 Resp: 310509

Ion Ratio Lower Upper

41 100

39 66.4 53.6 80.4

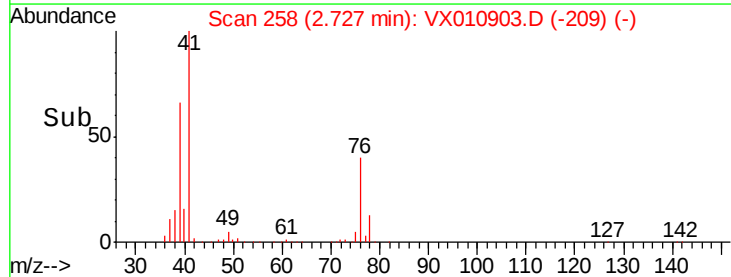
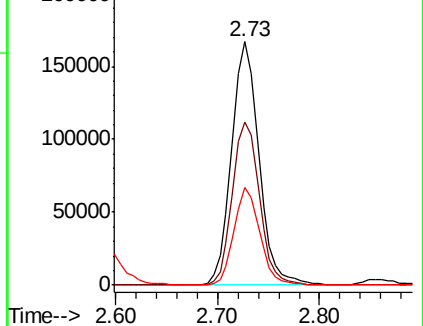
76 37.7 29.7 44.5

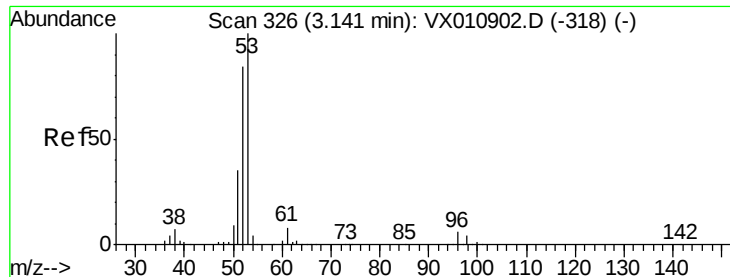


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 521.550 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

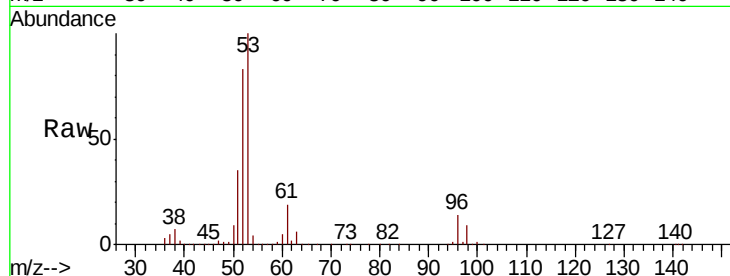
Tot Ion: 53 Resp: 577795

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

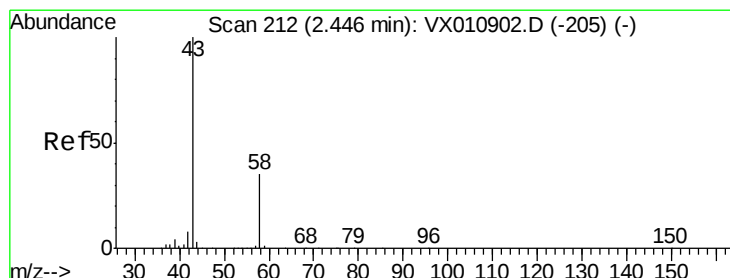
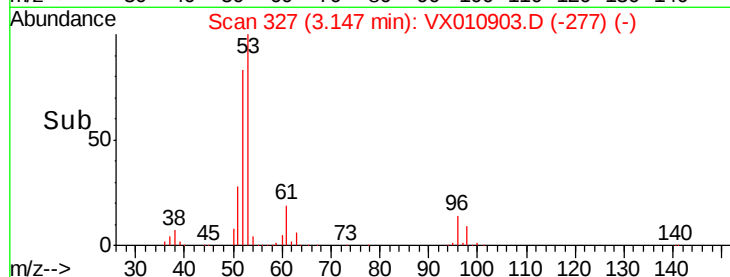
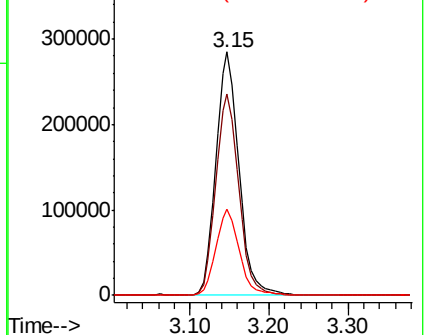
51 36.1 28.2 42.4



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: 505.700 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010903.D

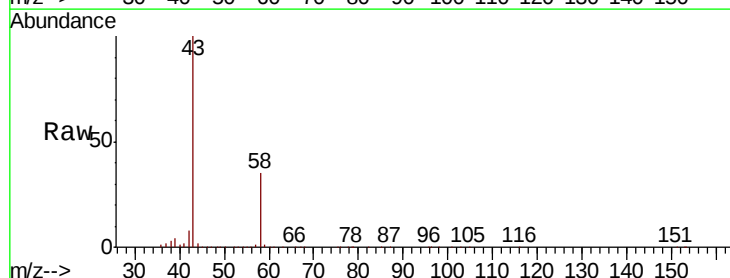
Acq: 16 Jul 2019 11:16

Tgt Ion: 43 Resp: 537624

Ion Ratio Lower Upper

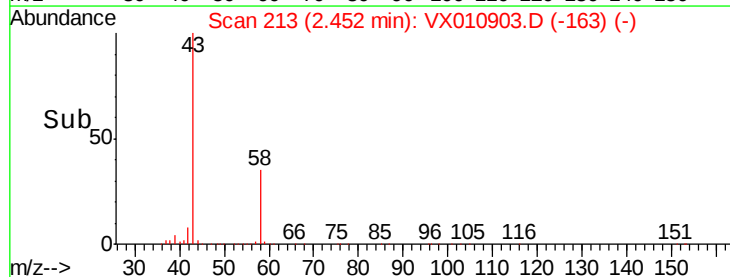
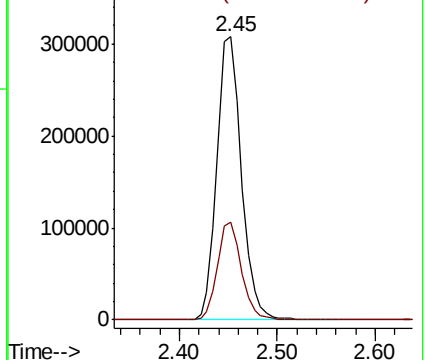
43 100

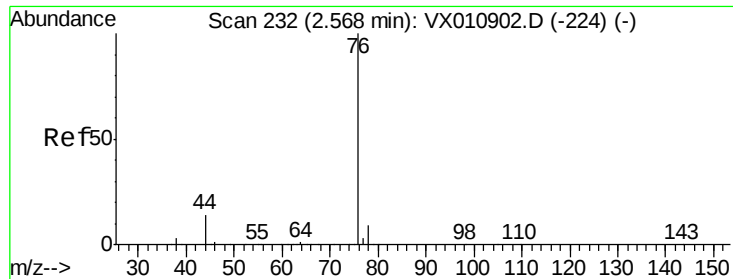
58 34.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 105.410 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

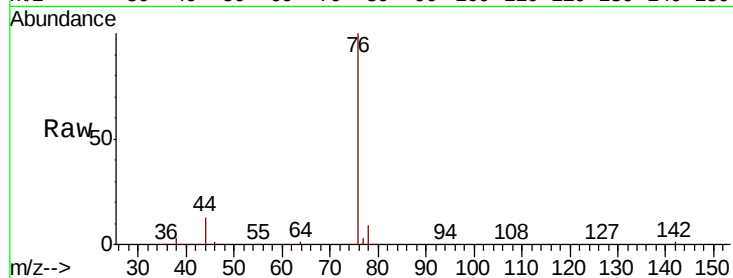
VSTDIC100

Tot Ion: 76 Resp: 560184

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300000

200000

100000

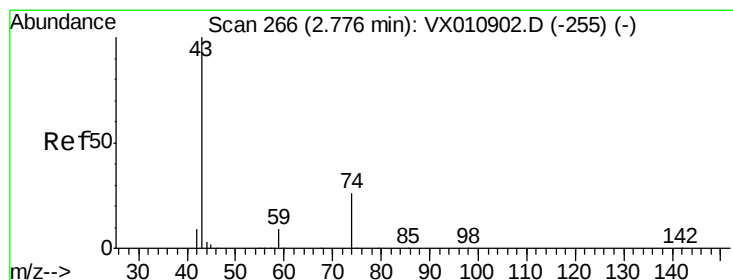
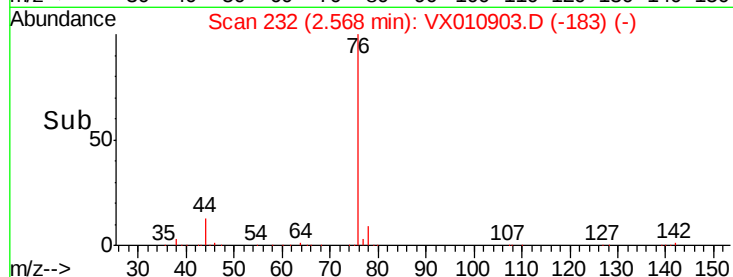
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 110.176 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010903.D

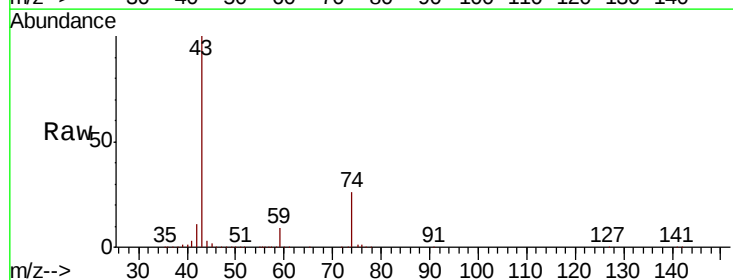
Acq: 16 Jul 2019 11:16

Tgt Ion: 43 Resp: 238642

Ion Ratio Lower Upper

43 100

74 26.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

150000

100000

50000

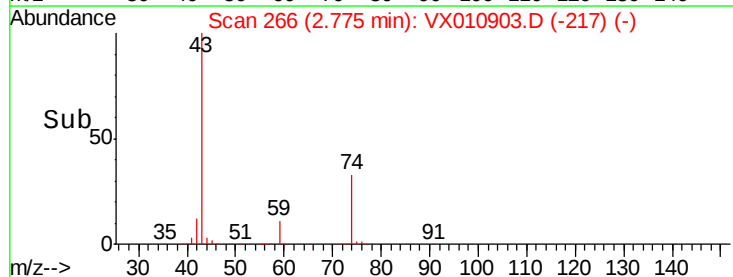
0

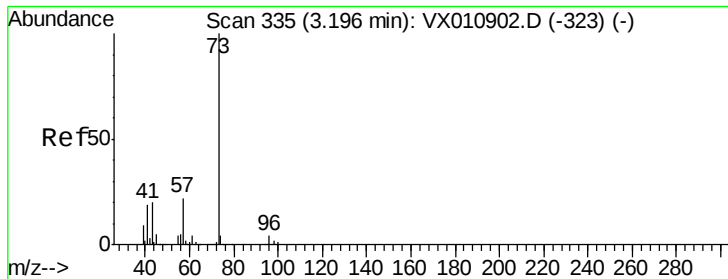
Time-->

2.70

2.80

2.90

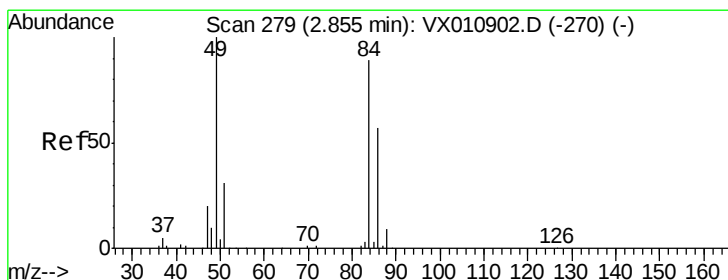
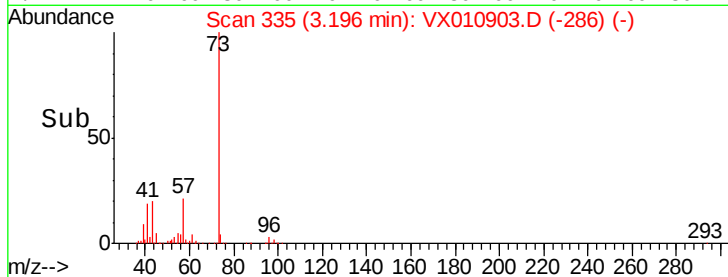
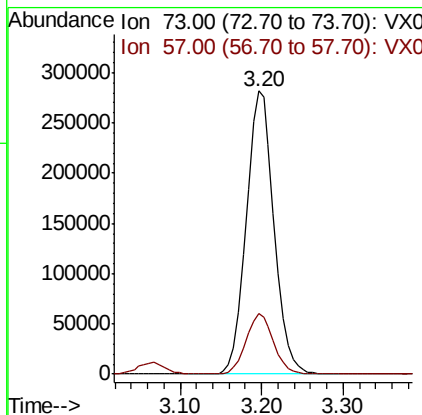
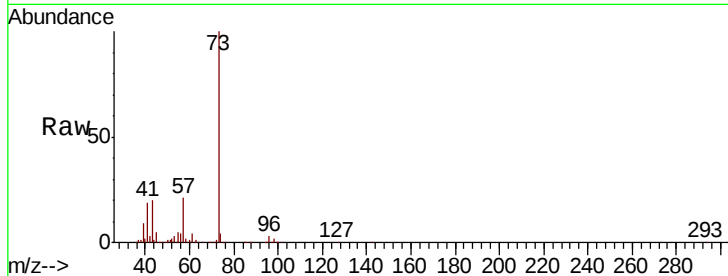




#19
Methyl tert-butyl Ether
Concen: 106.429 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

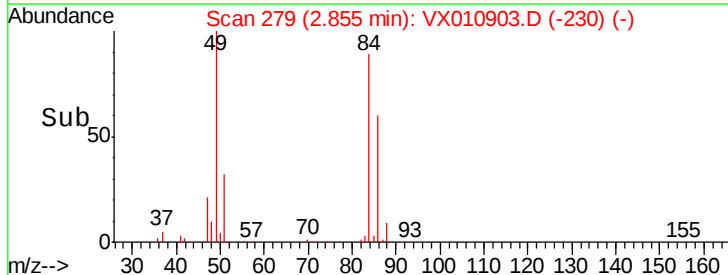
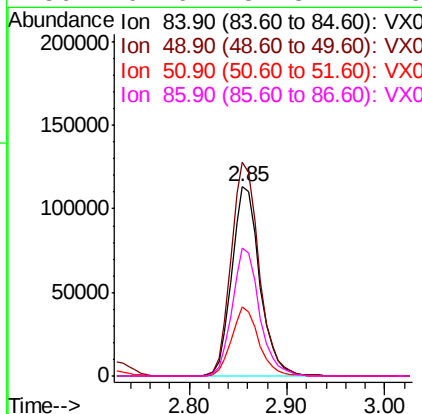
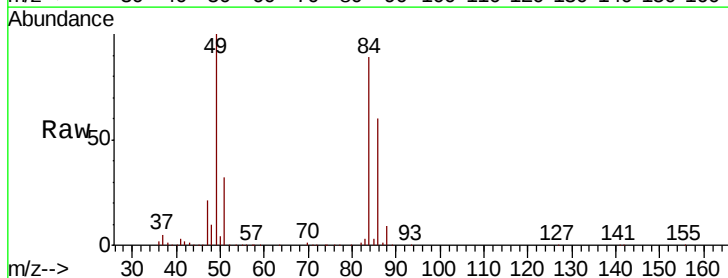
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

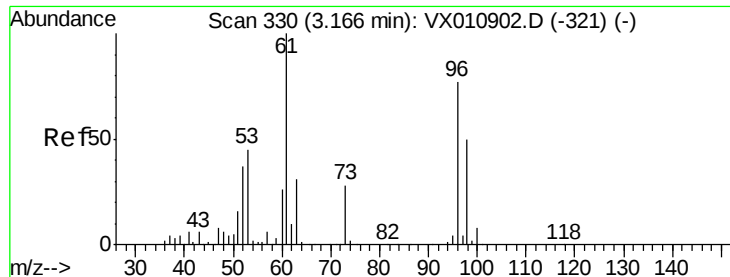
Tot Ion: 73 Resp: 664831
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 101.668 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion: 84 Resp: 225296
Ion Ratio Lower Upper
84 100
49 112.8 89.9 134.9
51 36.5 27.8 41.6
86 67.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 101.792 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

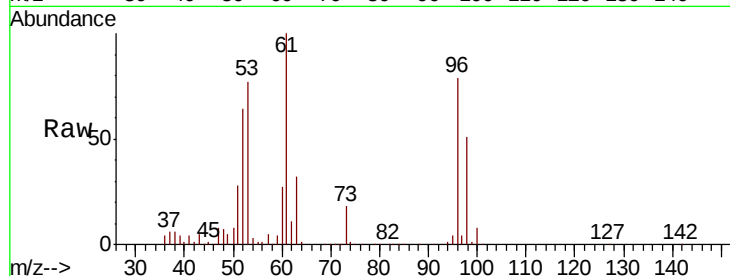
Tot Ion: 96 Resp: 217232

Ion Ratio Lower Upper

96 100

61 126.4 104.2 156.2

98 65.0 52.2 78.4

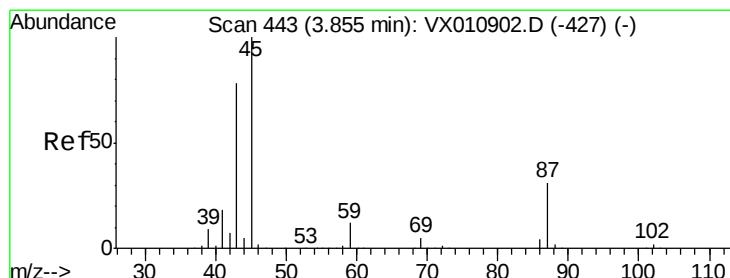
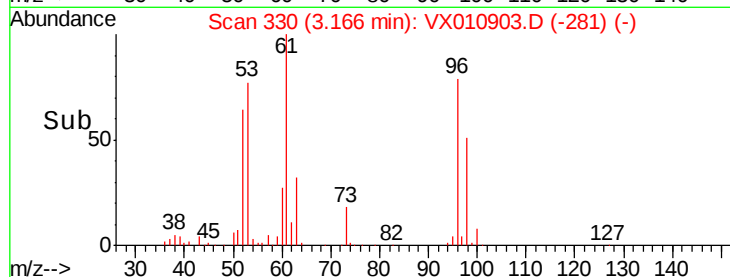
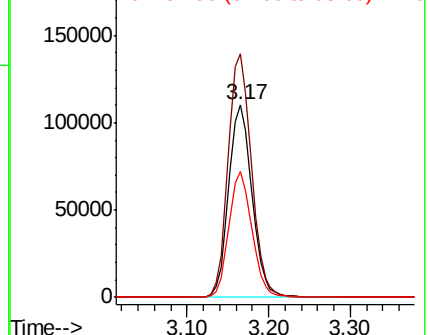


Abundance

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: 107.609 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Tgt Ion: 45 Resp: 635878

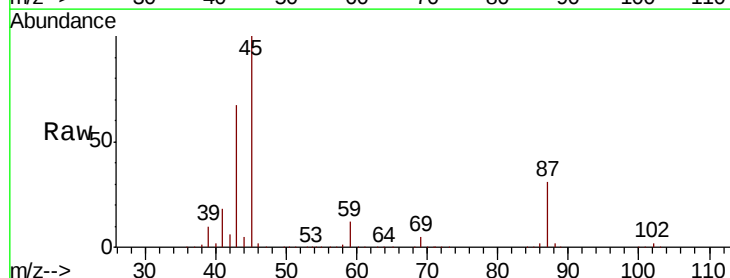
Ion Ratio Lower Upper

45 100

43 66.5 62.3 93.5

87 30.7 25.0 37.4

59 11.7 9.9 14.9



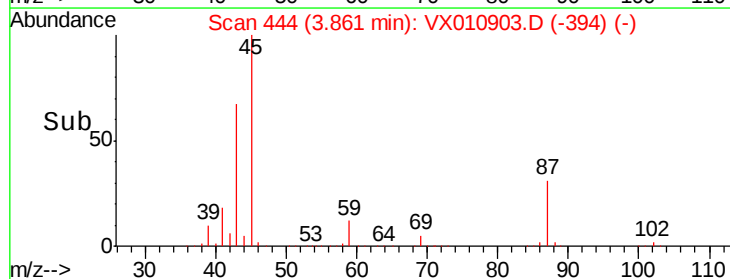
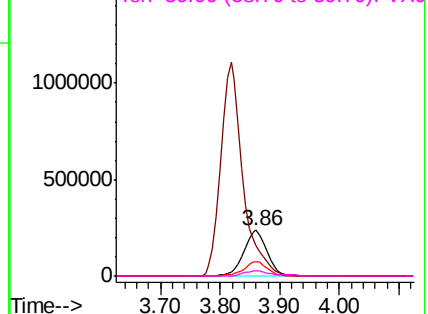
Abundance

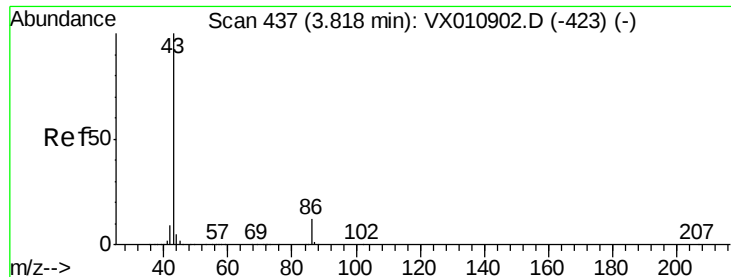
Ion 45.00 (44.70 to 45.70): VX0

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: 558.862 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

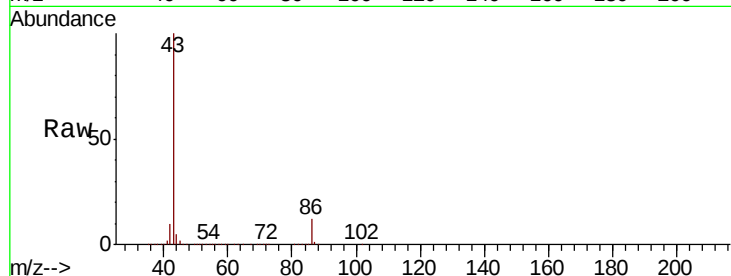
VSTDIC100

Tot Ion: 43 Resp: 2848891

Ion Ratio Lower Upper

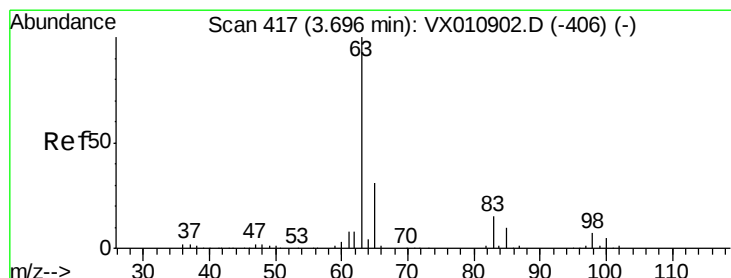
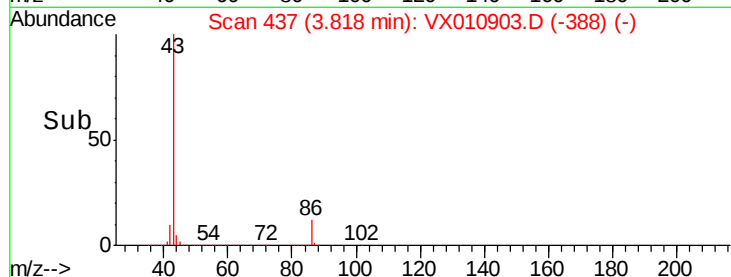
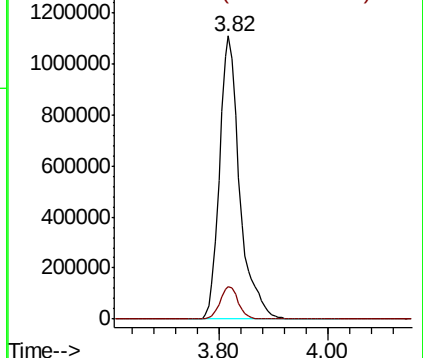
43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 106.522 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

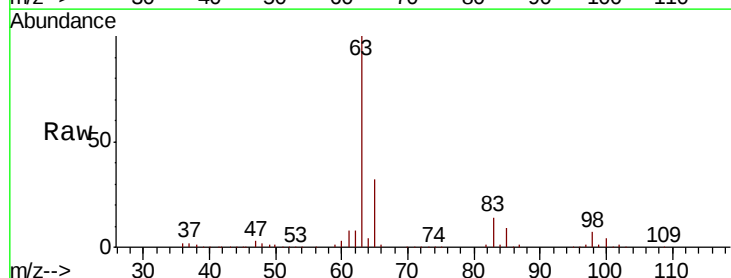
Tgt Ion: 63 Resp: 363205

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

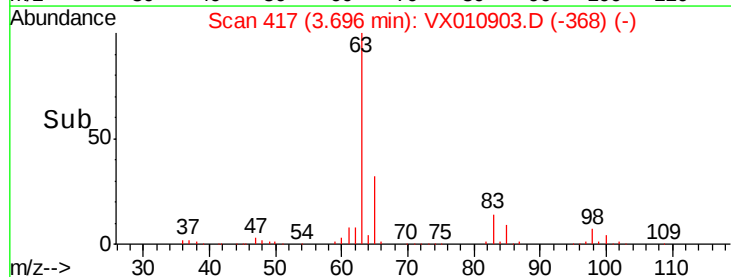
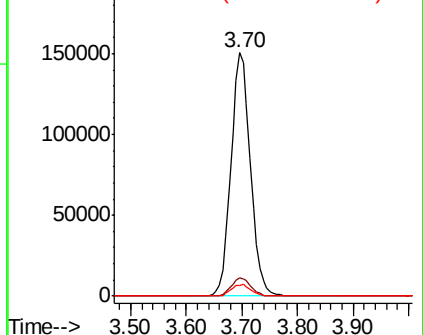
100 4.4 2.4 7.2

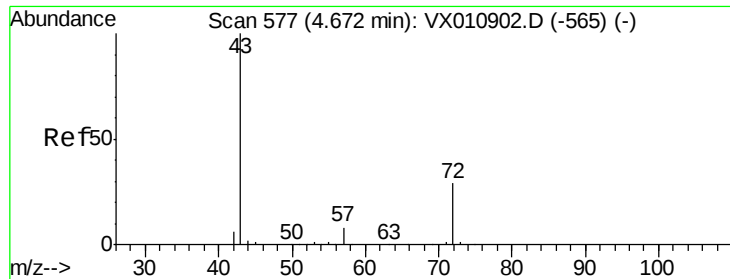


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 526.743 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

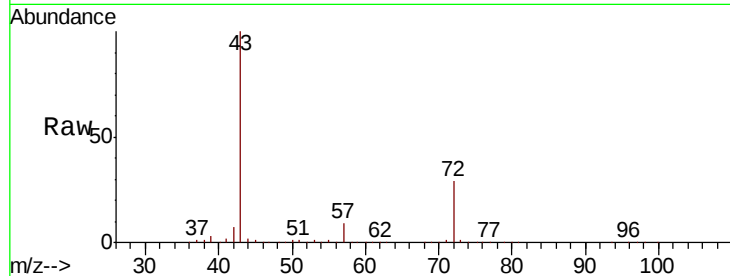
VSTDIC100

Tot Ion: 43 Resp: 824415

Ion Ratio Lower Upper

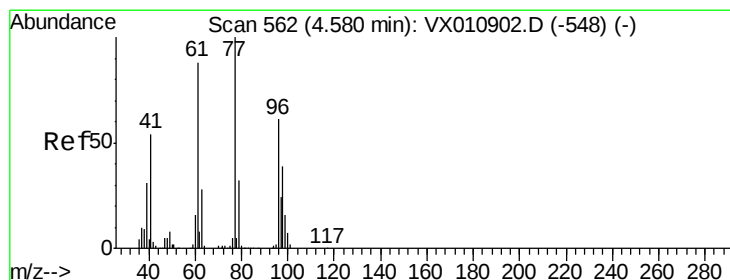
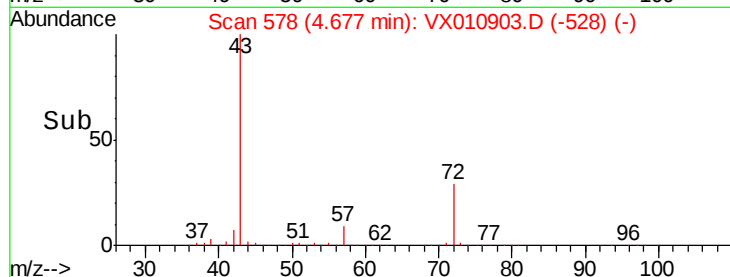
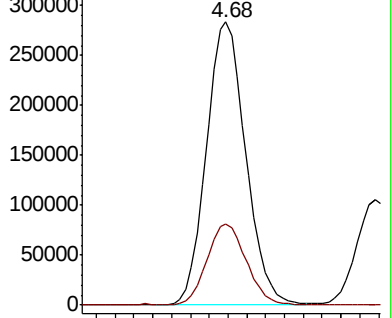
43 100

72 28.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 105.761 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010903.D

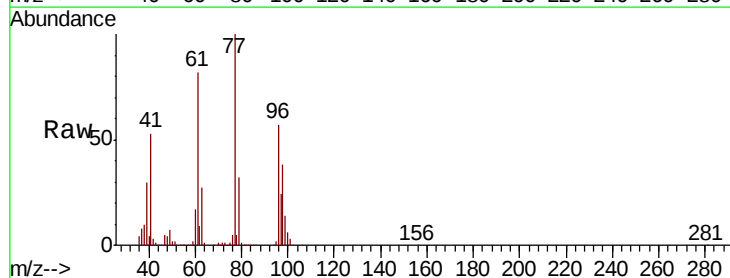
Acq: 16 Jul 2019 11:16

Tgt Ion: 77 Resp: 312057

Ion Ratio Lower Upper

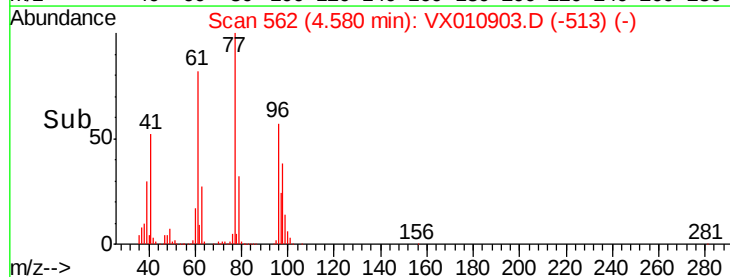
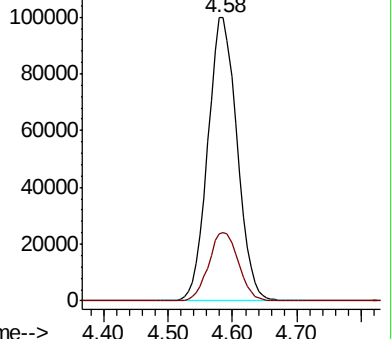
77 100

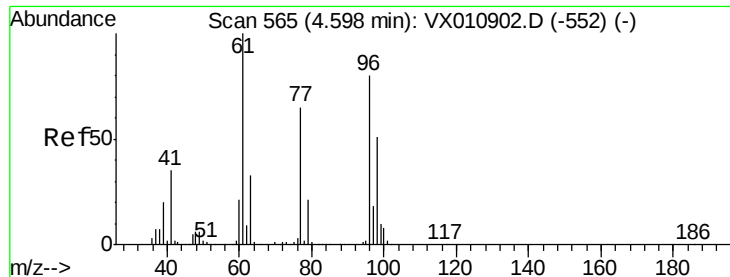
97 24.6 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



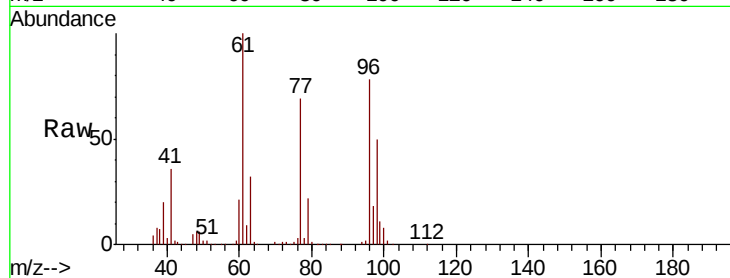


#27

cis-1,2-Dichloroethene
Concen: 102.508 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	269.0
98	64.8	0.0	131.4

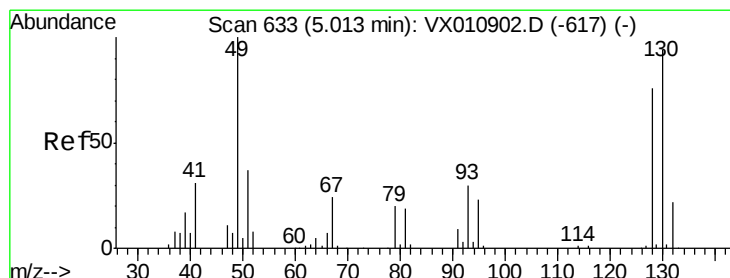
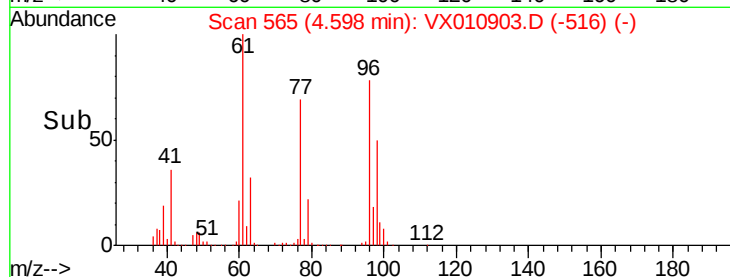
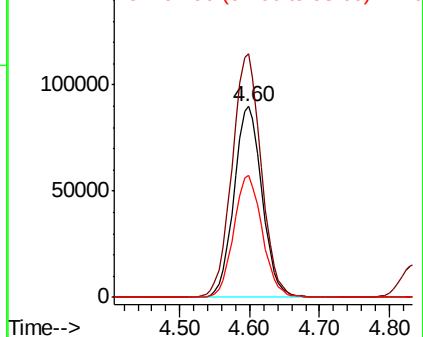


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

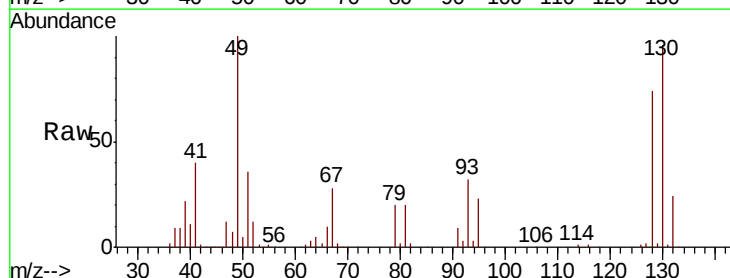
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 101.521 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	96.0	76.9	115.3

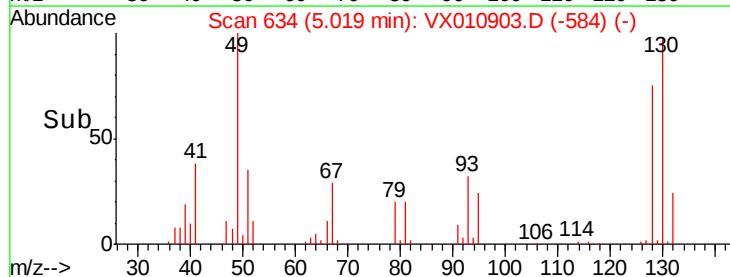
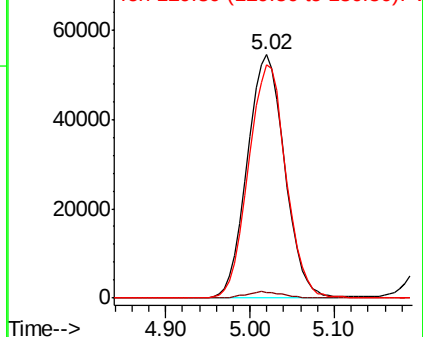


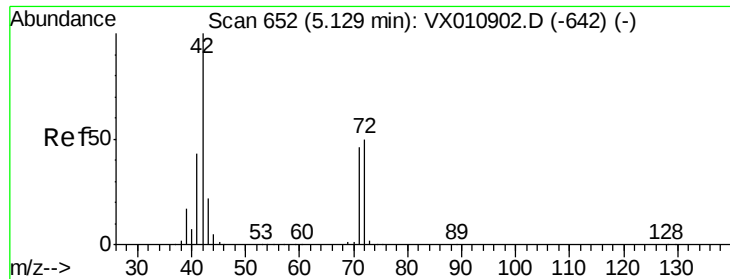
Abundance

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

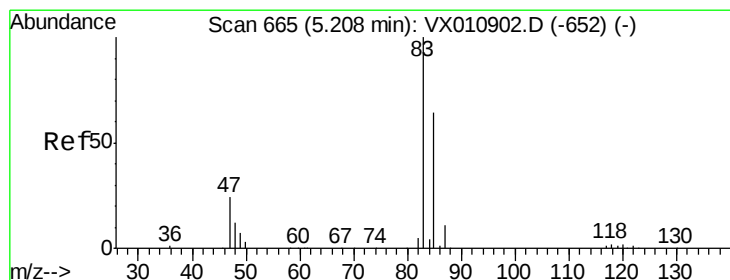
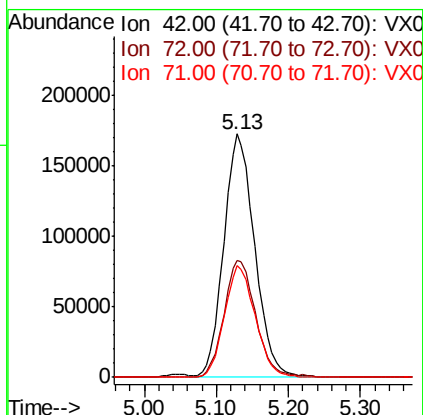
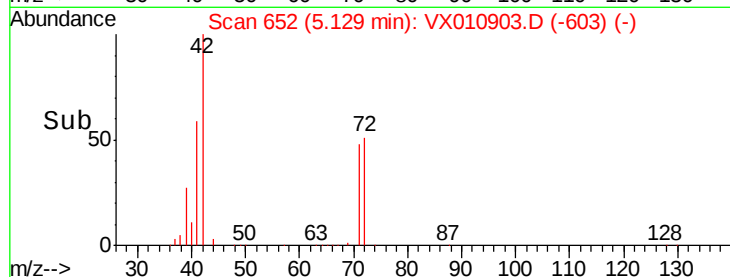
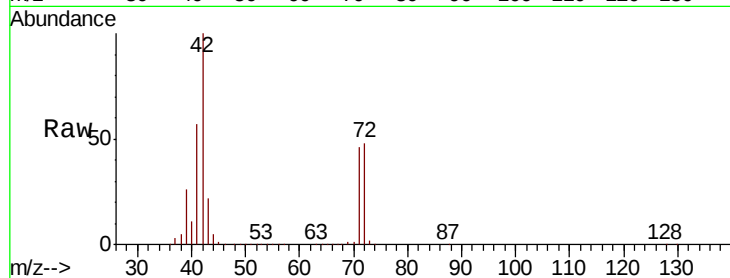




#29
Tetrahydrofuran
Concen: 523.922 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

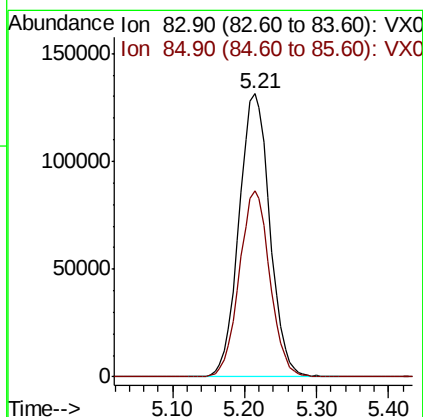
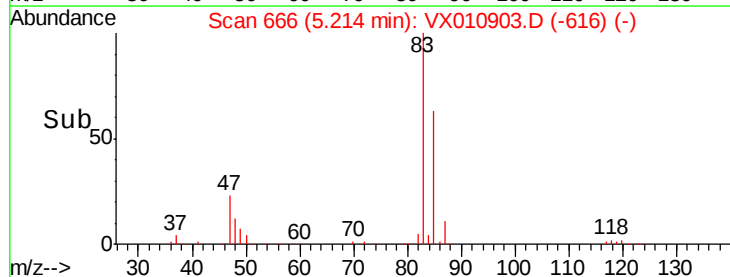
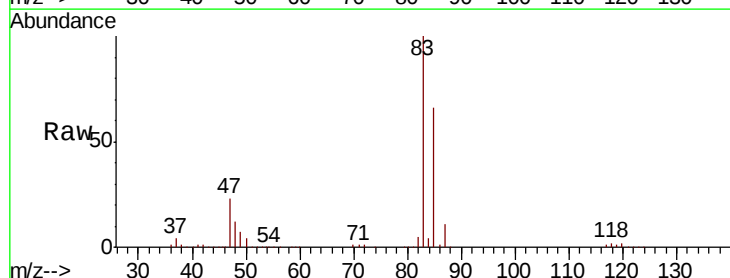
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

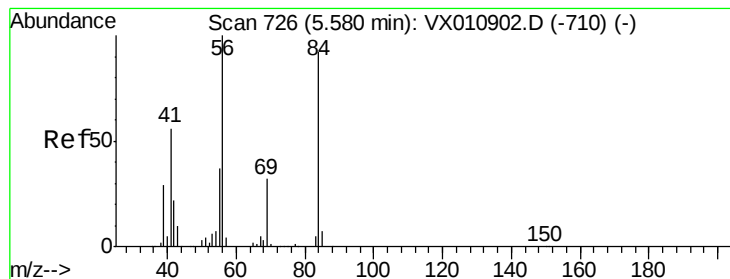
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	39.8	59.8
71	46.1	37.0	55.4



#30
Chloroform
Concen: 106.353 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.4	77.0





#31

Cyclohexane

Concen: 107.401 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

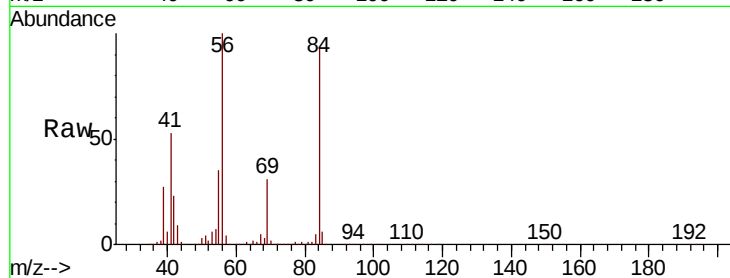
Tot Ion: 56 Resp: 334560

Ion Ratio Lower Upper

56 100

69 31.2 25.8 38.8

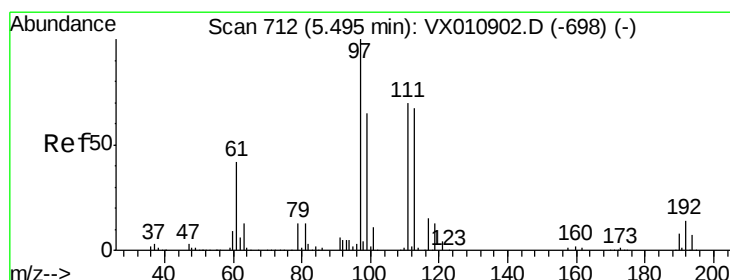
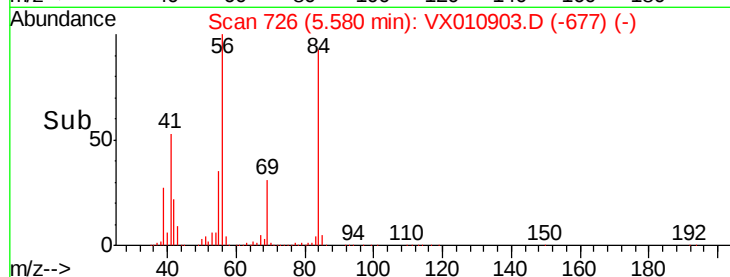
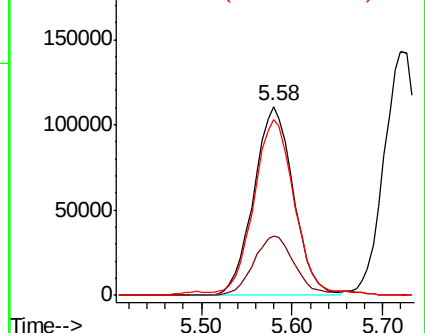
84 91.6 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 109.833 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

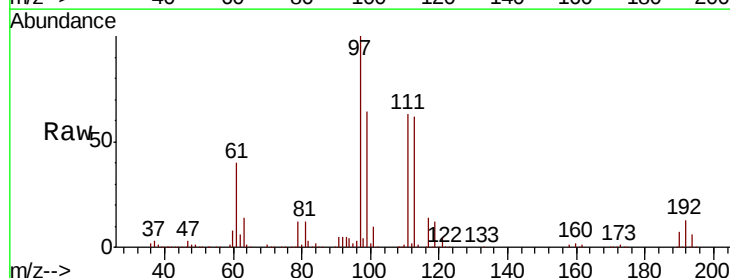
Tgt Ion: 97 Resp: 356264

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

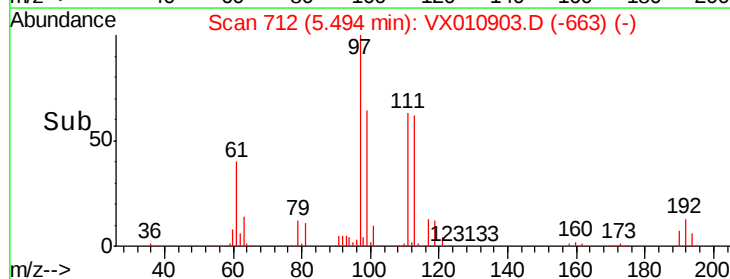
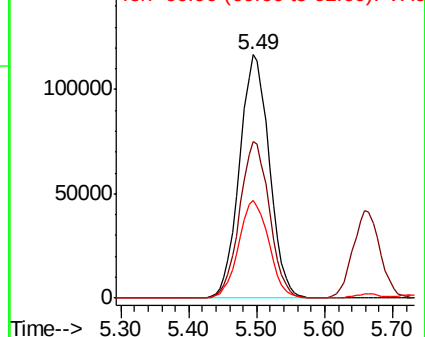
61 40.8 33.0 49.6

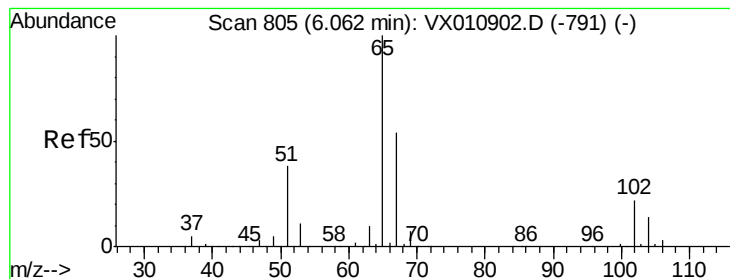


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 107.552 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

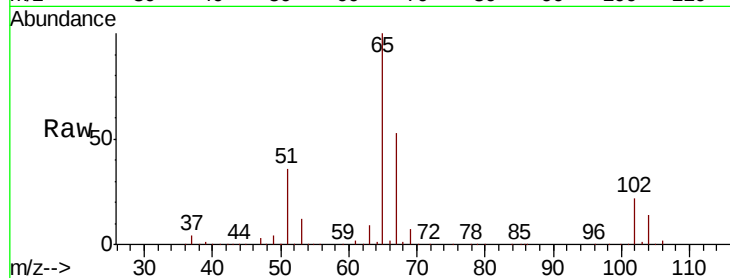
VSTDIC100

Tot Ion: 65 Resp: 233997

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

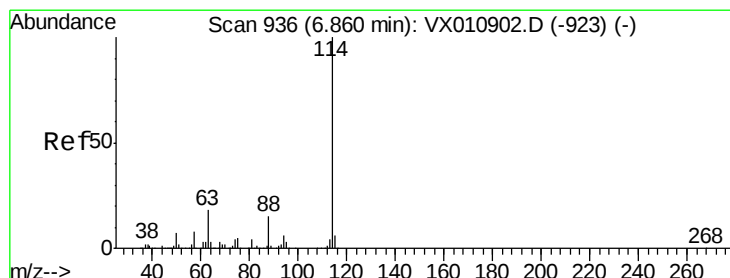
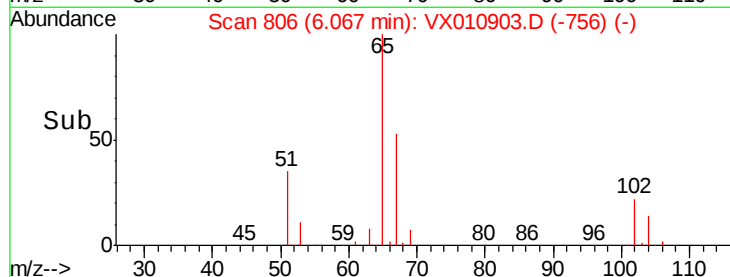
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

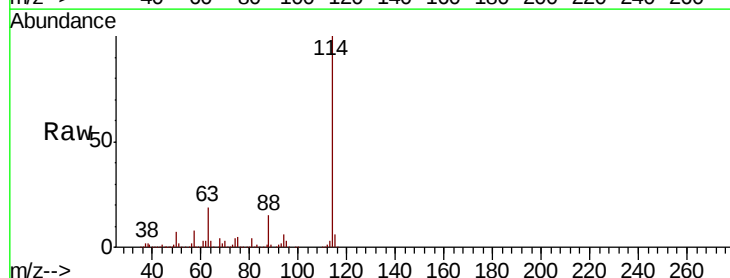
Tgt Ion: 114 Resp: 342298

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 15.2 0.0 29.8



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

200000

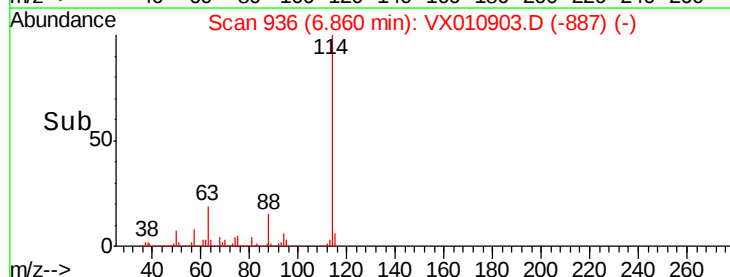
150000

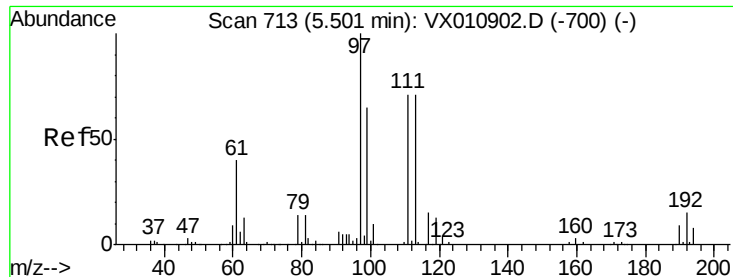
100000

50000

0

Time-->

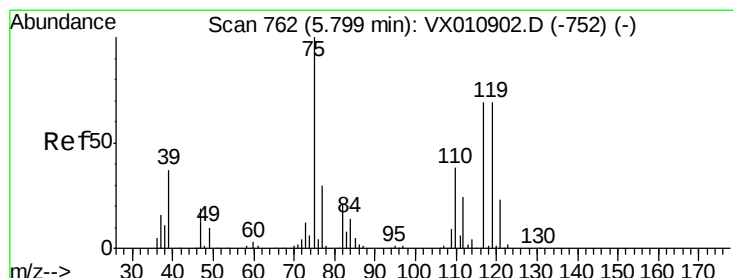
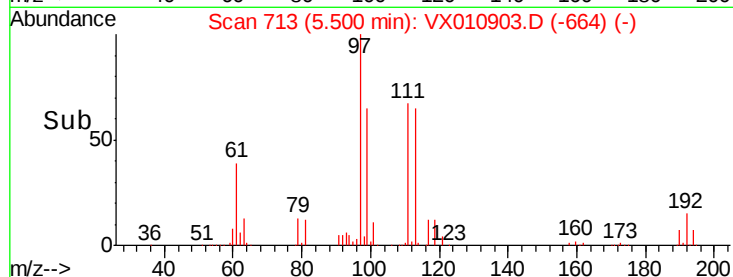
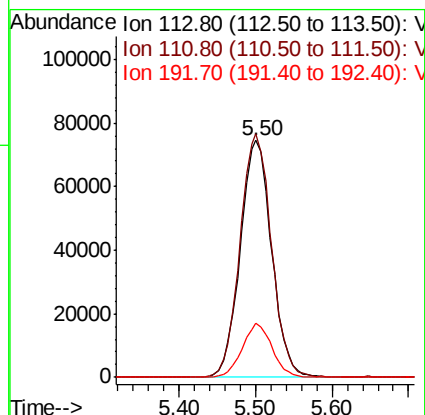
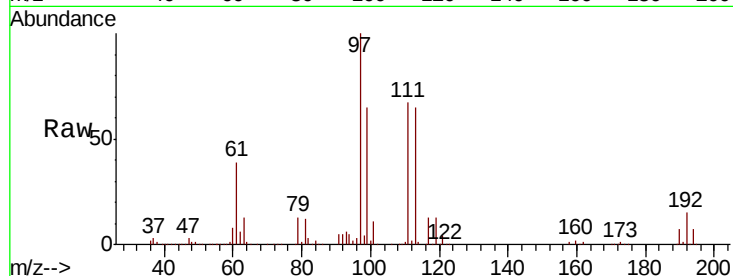




#35
 Dibromofluoromethane
 Concen: 100.857 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

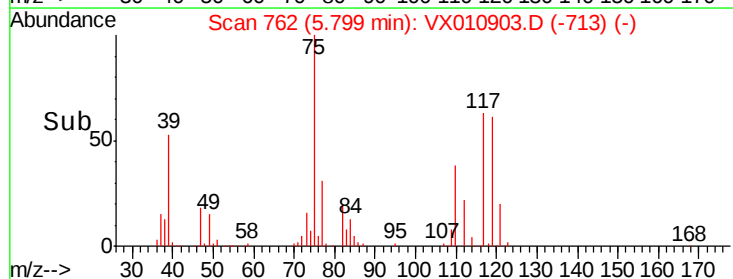
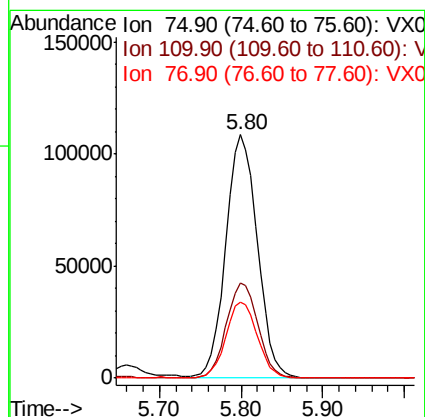
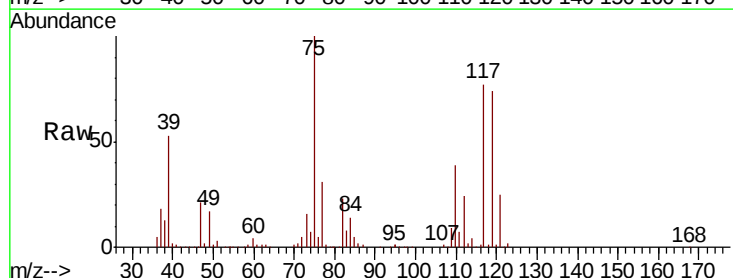
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

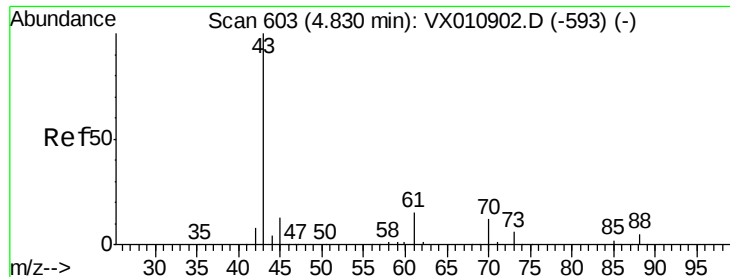
Tot Ion:113 Resp: 211597
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.3 123.5
 192 21.8 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 105.780 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion: 75 Resp: 289906
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.9 59.7
 77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 109.651 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

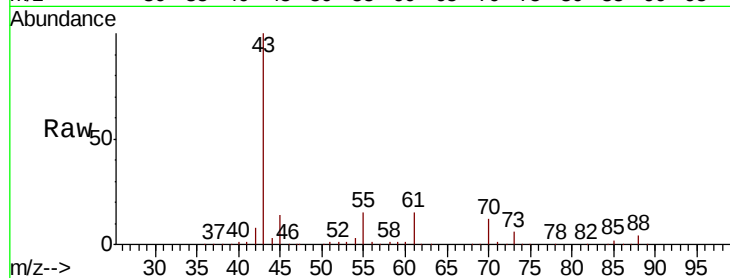
Tot Ion: 43 Resp: 308315

Ion Ratio Lower Upper

43 100

61 15.0 11.6 17.4

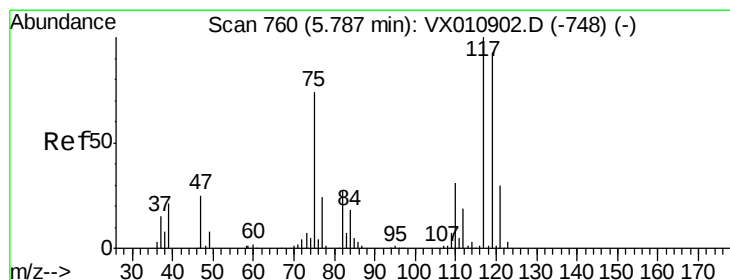
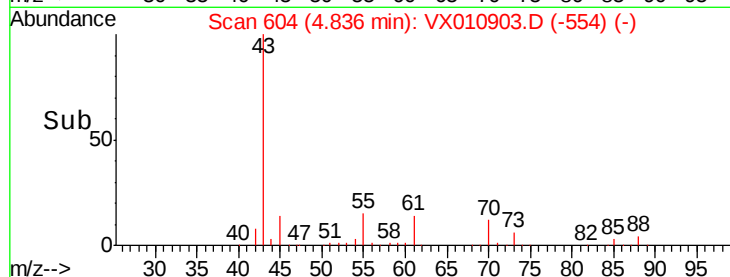
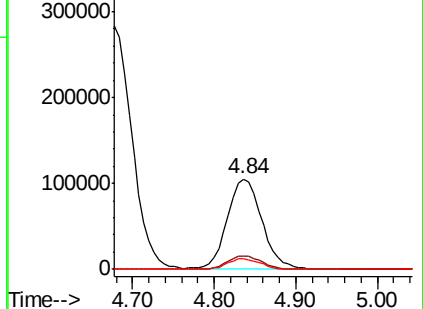
70 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 108.025 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

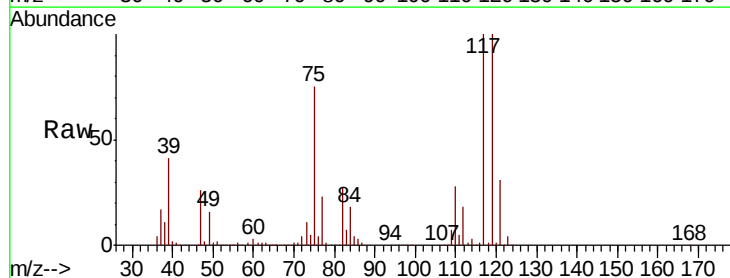
Tgt Ion: 117 Resp: 317744

Ion Ratio Lower Upper

117 100

119 99.7 74.2 111.2

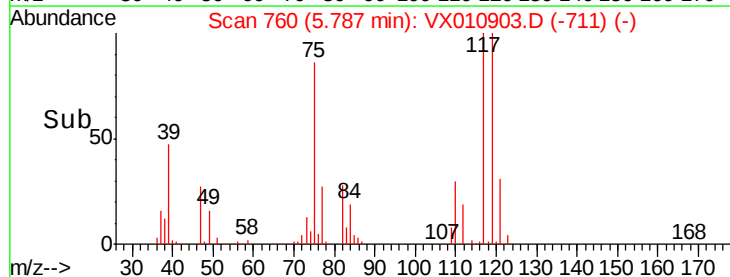
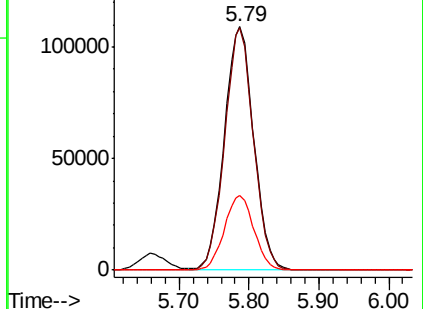
121 30.5 24.2 36.2

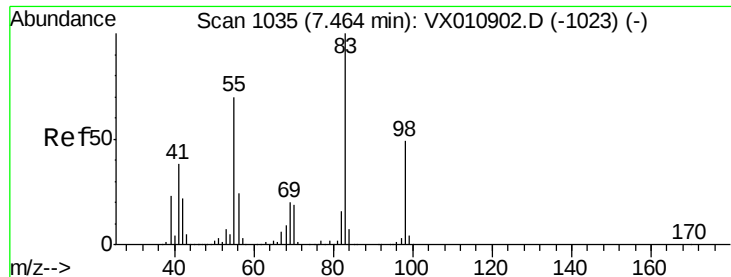


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

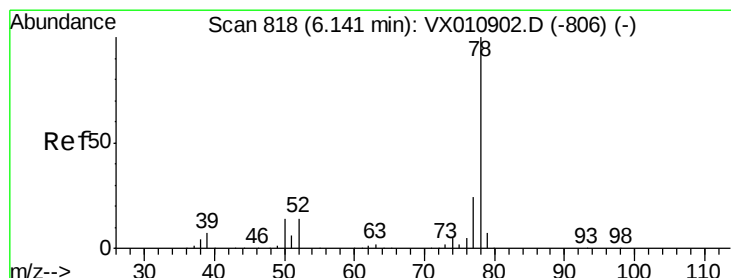
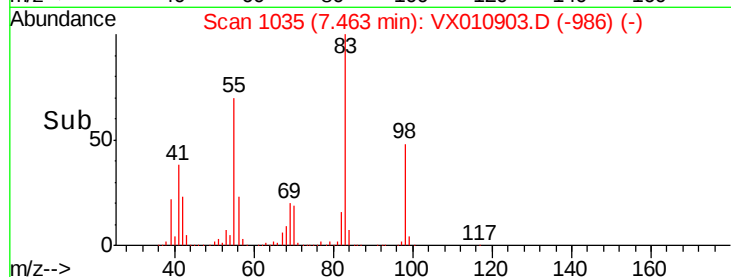
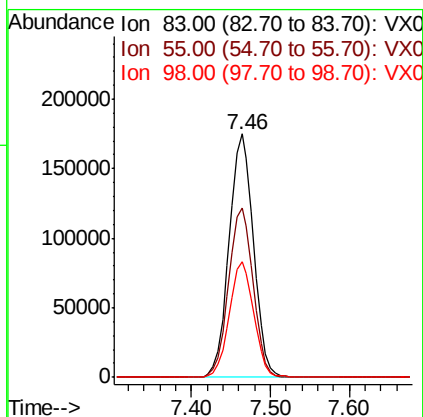
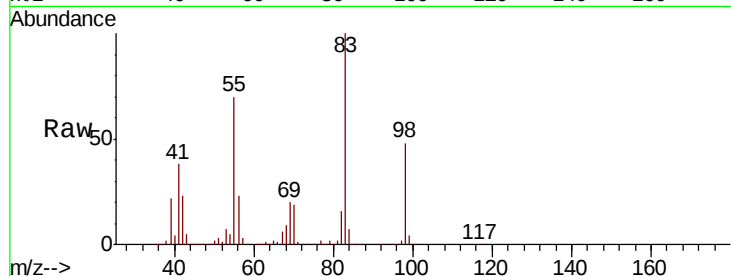




#39
Methvlcvclohexane
Concen: 104.662 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

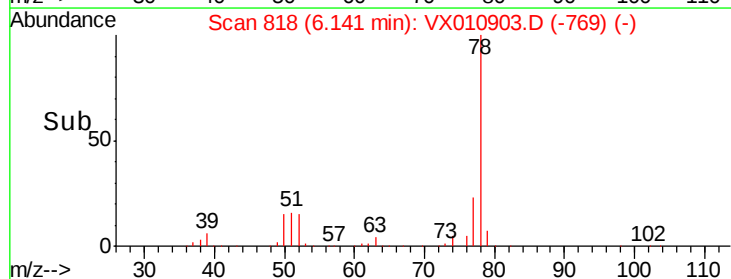
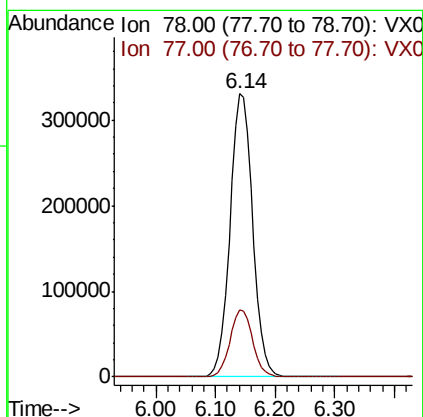
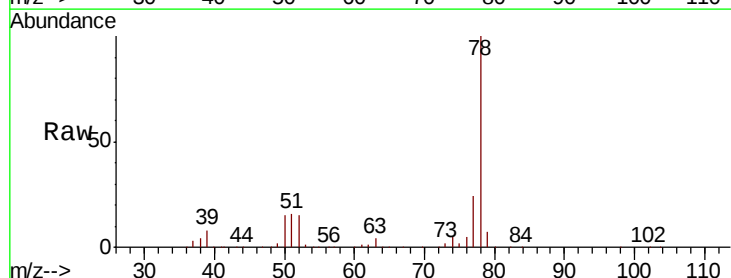
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

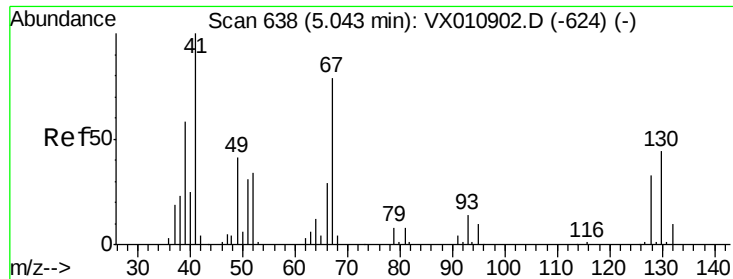
Tot Ion: 83 Resp: 375706
Ion Ratio Lower Upper
83 100
55 69.8 56.2 84.4
98 47.6 39.0 58.4



#40
Benzene
Concen: 102.619 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion: 78 Resp: 870414
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41

Methacrylonitrile

Concen: 107.795 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC100

Tot Ion: 41 Resp: 165411

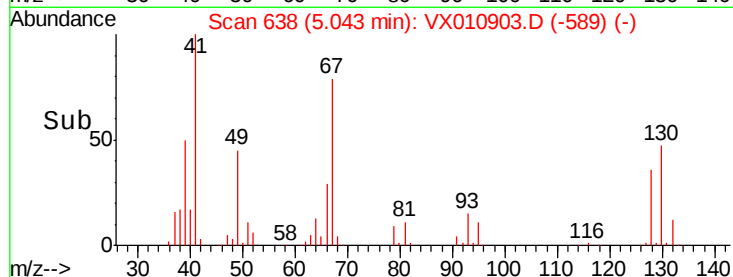
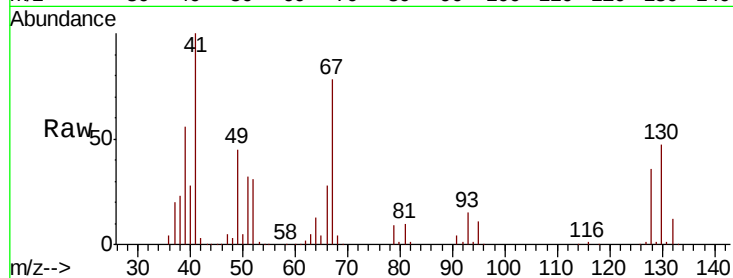
Ion Ratio Lower Upper

41 100

39 55.2 45.4 68.2

67 79.2 65.9 98.9

52 31.1 26.2 39.2

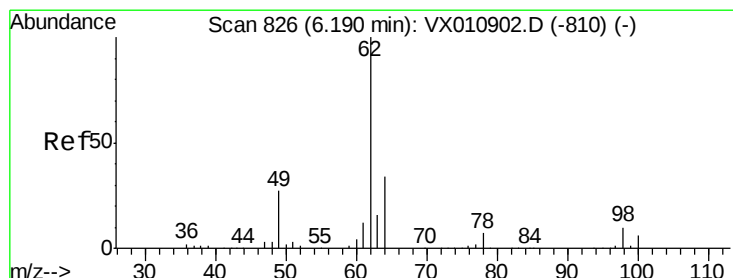
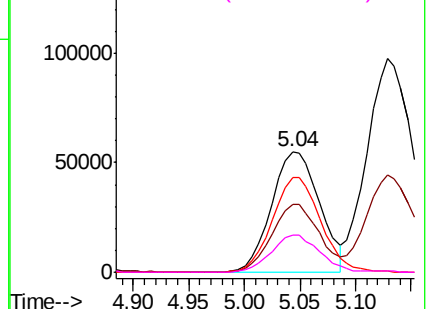


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 115.256 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010903.D

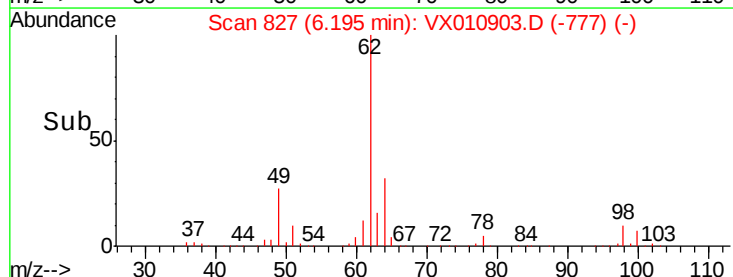
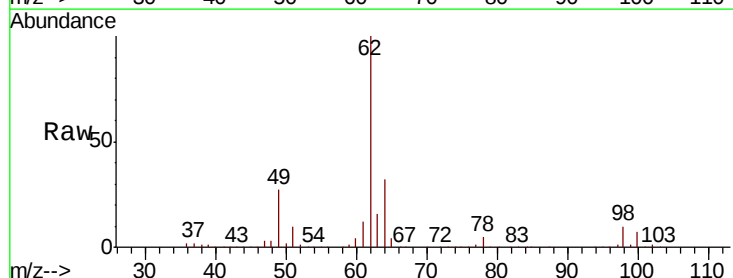
Acq: 16 Jul 2019 11:16

Tgt Ion: 62 Resp: 301883

Ion Ratio Lower Upper

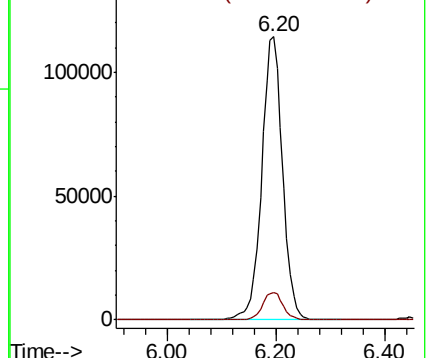
62 100

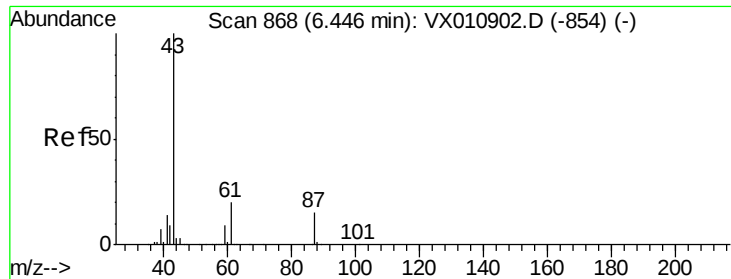
98 9.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



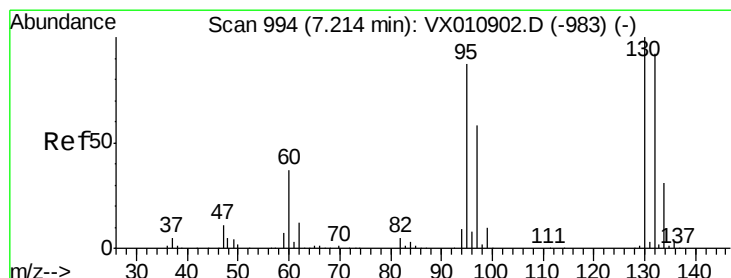
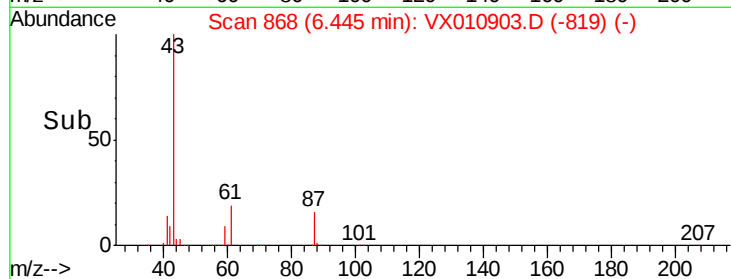
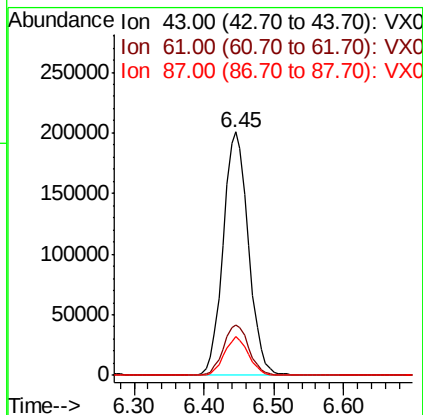
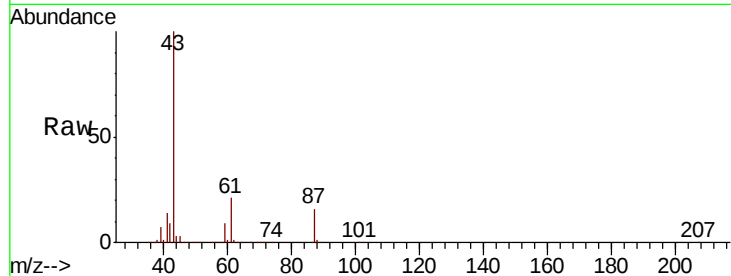


#43

Isopropyl Acetate
 Concen: 108.261 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

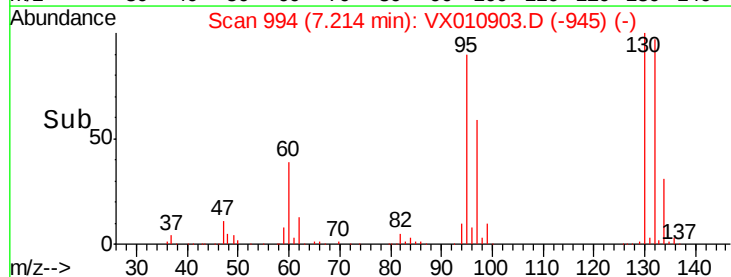
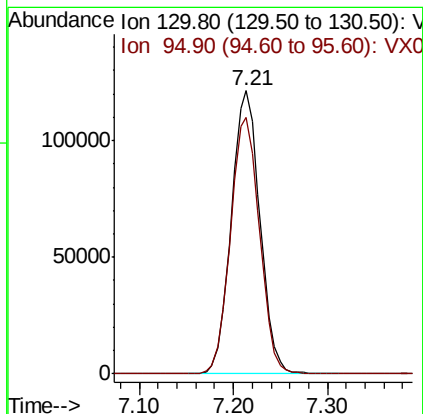
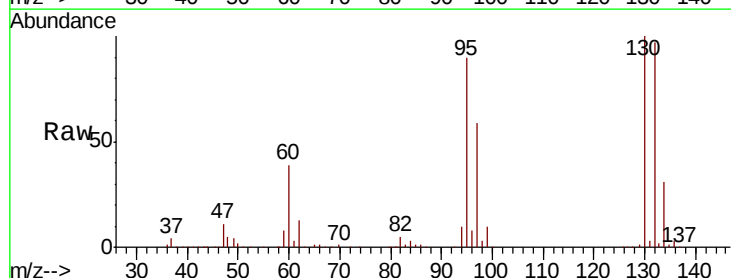
Tot Ion	43	Resp	501856
Ion Ratio	Lower	Upper	
43	100		
61	21.0	17.1	25.7
87	15.2	12.0	18.0

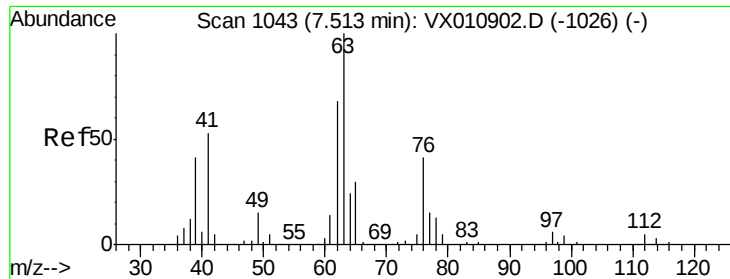


#44

Trichloroethene
 Concen: 101.186 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion	130	Resp	256236
Ion Ratio	Lower	Upper	
130	100		
95	90.4	0.0	174.8

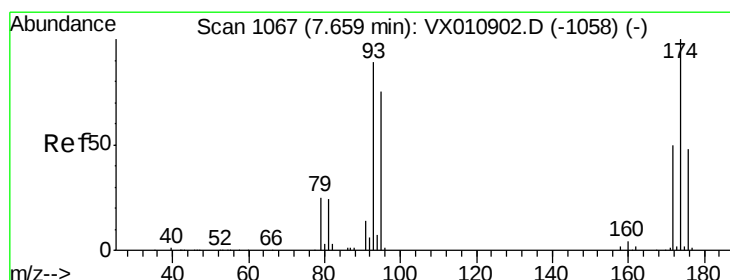
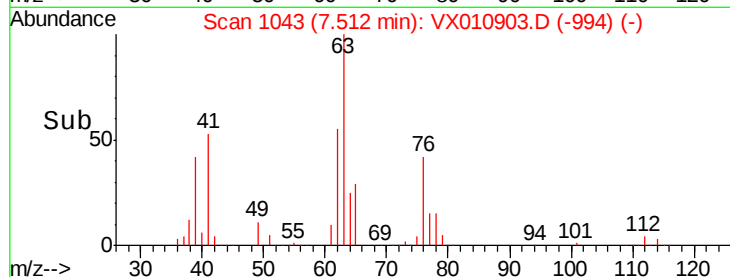
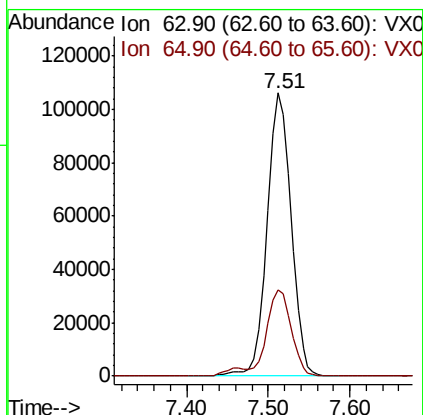
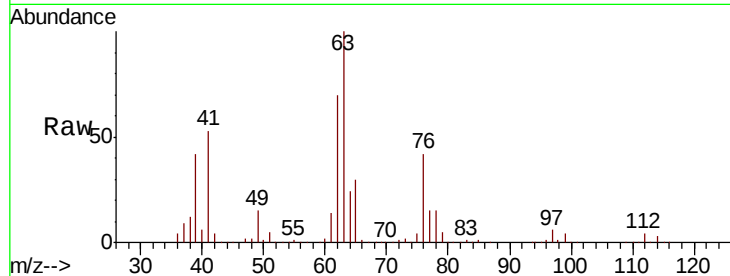




#45
1,2-Dichloropropane
Concen: 101.279 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

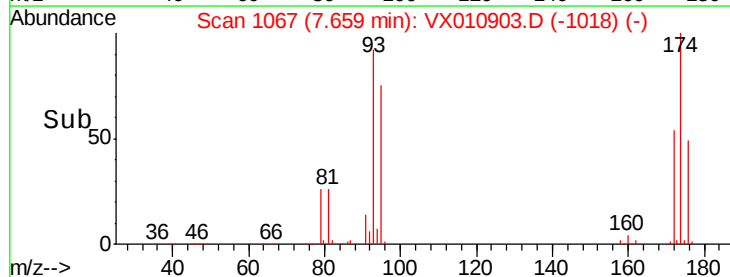
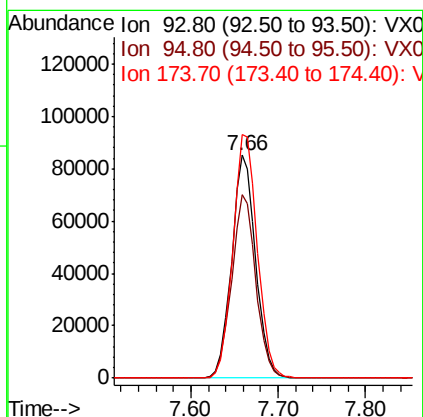
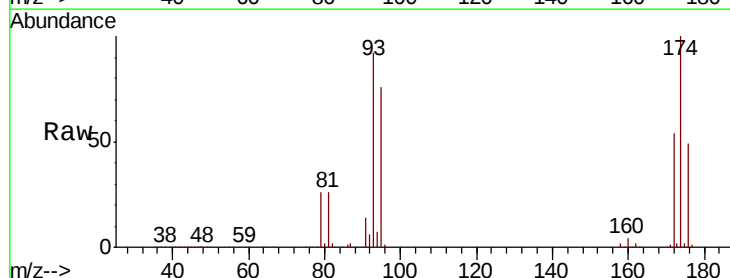
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

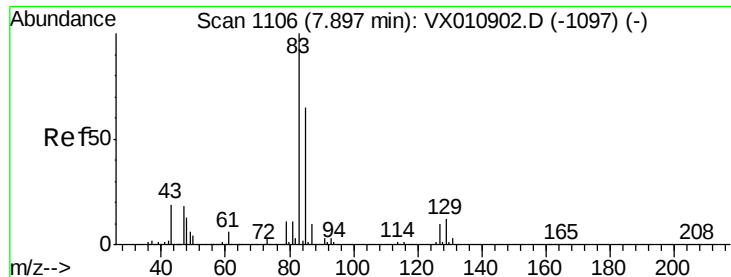
Tot Ion: 63 Resp: 217130
Ion Ratio Lower Upper
63 100
65 30.4 24.4 36.6



#46
Dibromomethane
Concen: 105.590 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion: 93 Resp: 162518
Ion Ratio Lower Upper
93 100
95 83.5 67.2 100.8
174 112.1 90.6 135.8





#47

Bromodichloromethane

Concen: 108.887 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

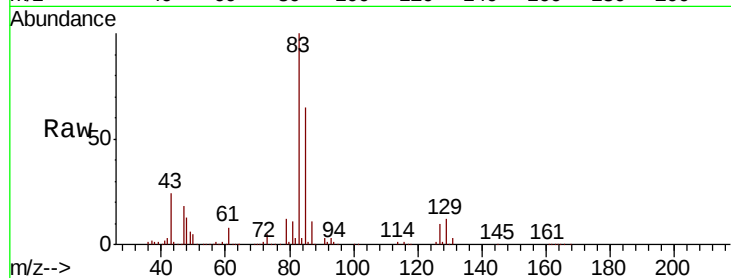
Tot Ion: 83 Resp: 305591

Ion Ratio Lower Upper

83 100

85 64.8 52.5 78.7

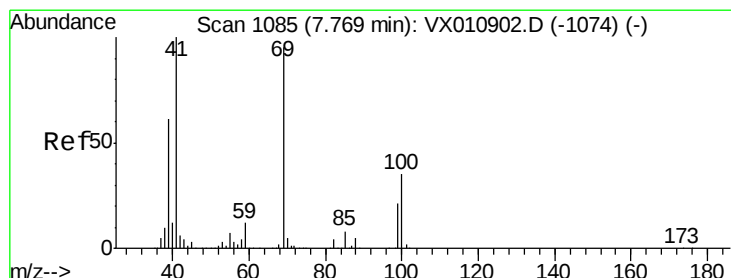
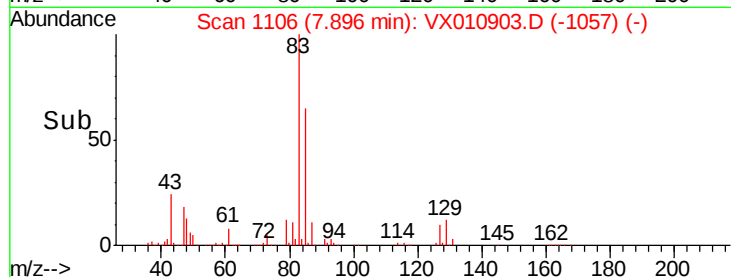
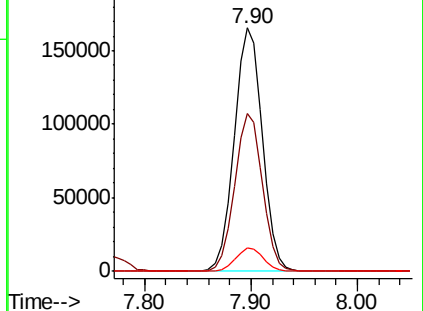
127 9.8 7.8 11.8



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: 113.951 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

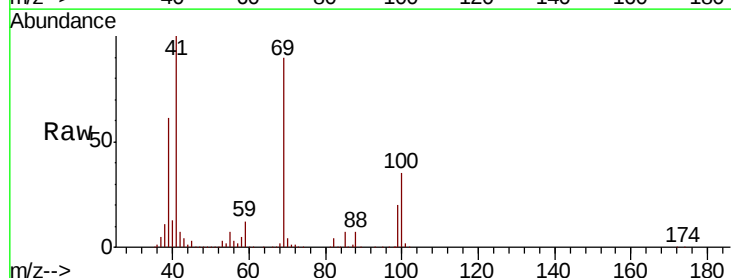
Tgt Ion: 41 Resp: 246243

Ion Ratio Lower Upper

41 100

69 90.1 74.4 111.6

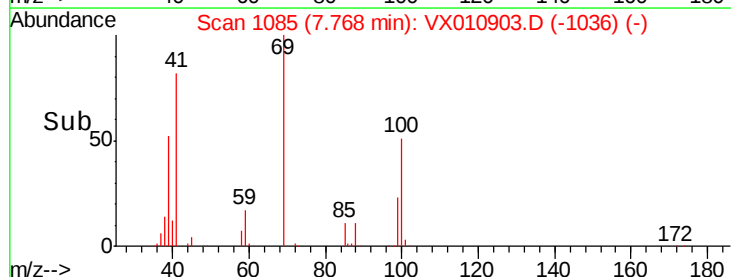
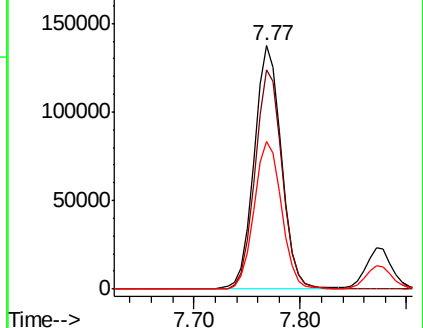
39 61.4 48.9 73.3

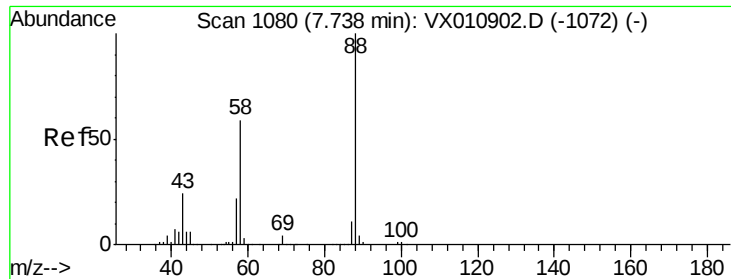


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

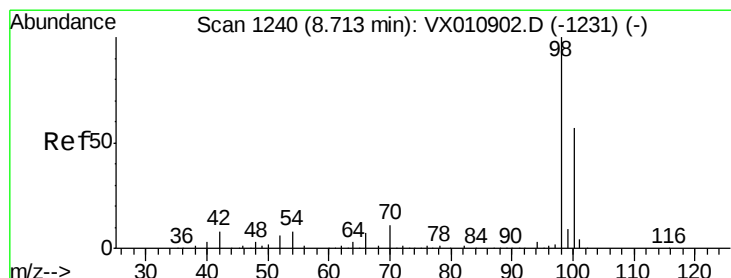
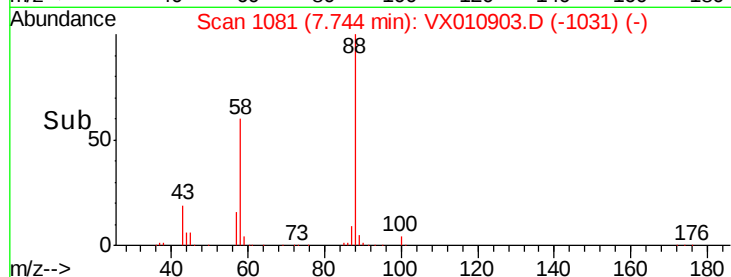
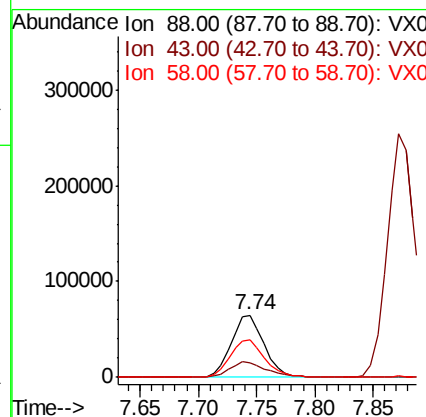
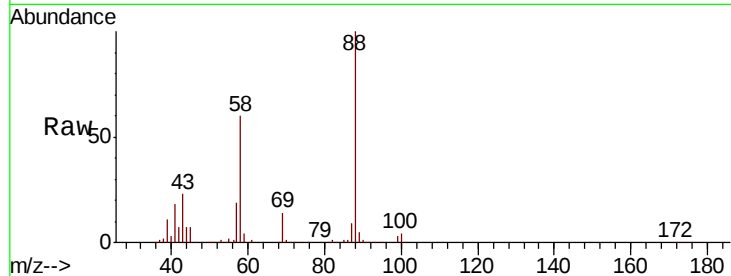




#49
1,4-Dioxane
Concen: 2041.204 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

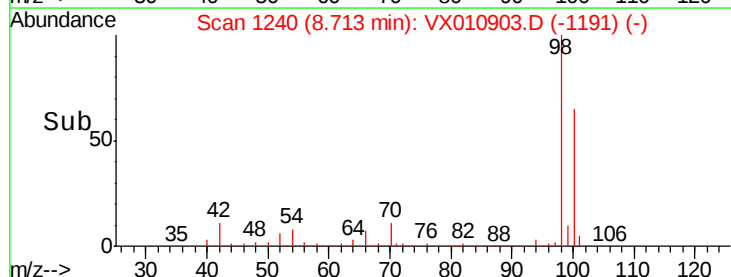
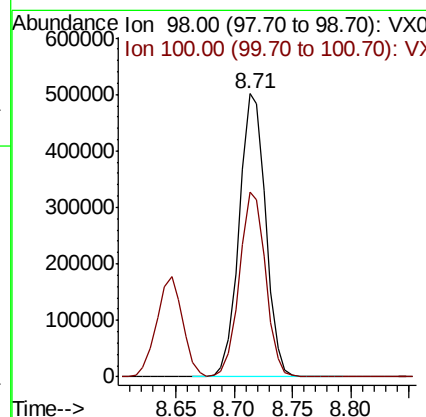
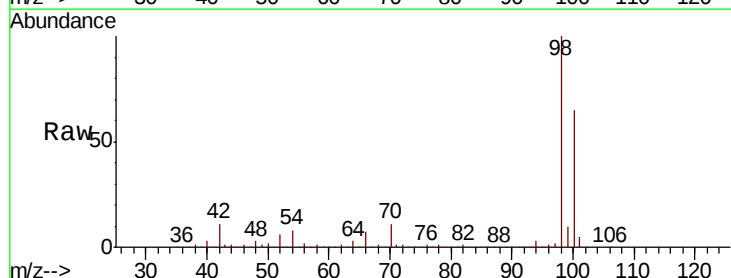
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

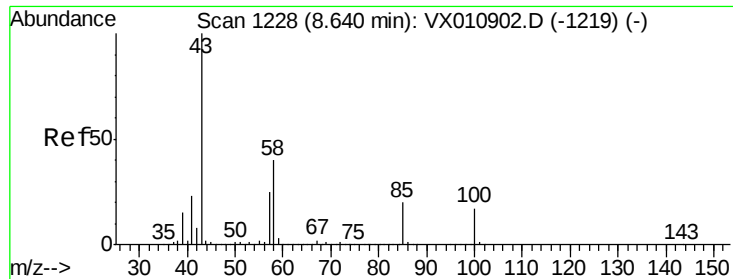
Tot Ion: 88 Resp: 126898
Ion Ratio Lower Upper
88 100
43 28.4 22.9 34.3
58 63.5 49.8 74.8



#50
Toluene-d8
Concen: 99.092 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion: 98 Resp: 793859
Ion Ratio Lower Upper
98 100
100 64.4 50.6 75.8

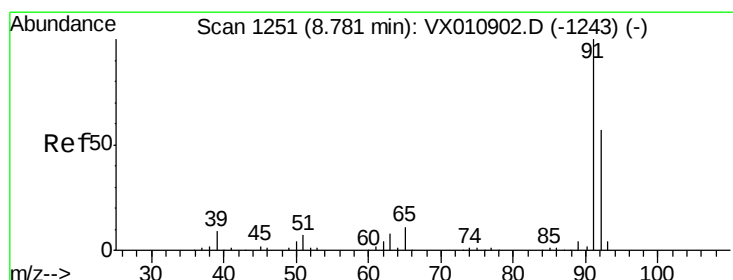
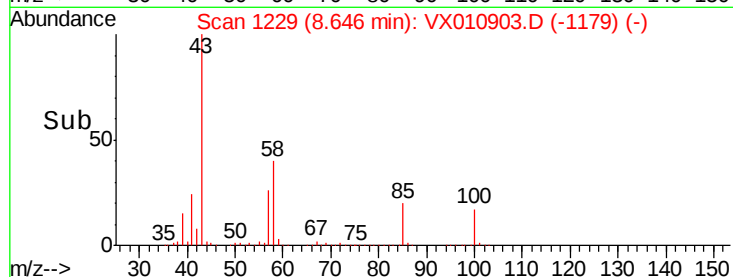
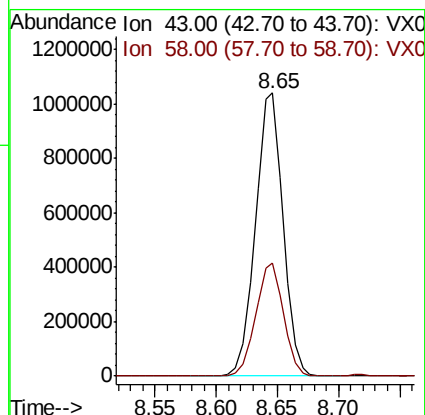
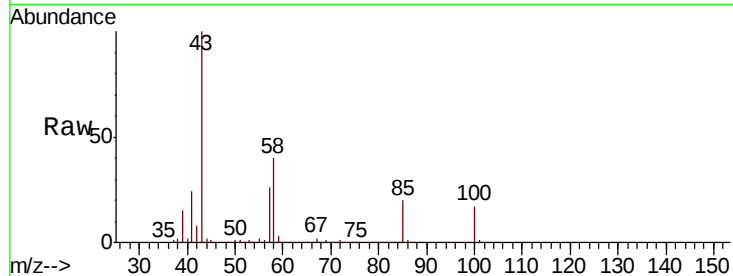




#51
4-Methyl-2-Pentanone
Concen: 550.634 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

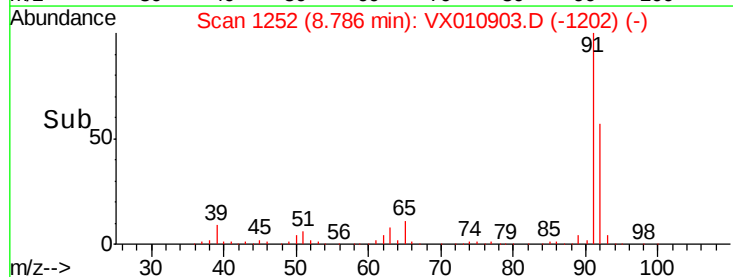
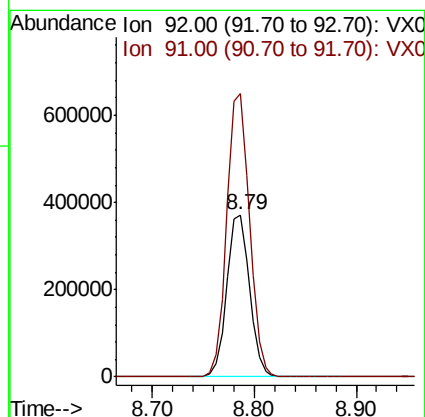
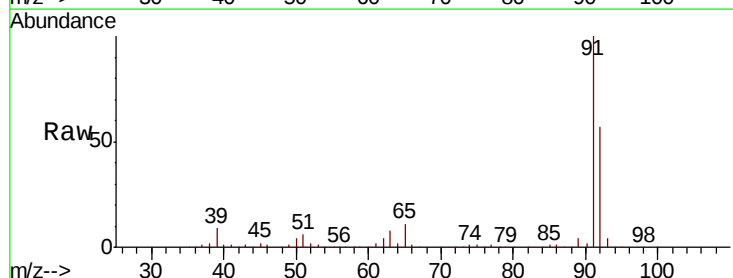
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

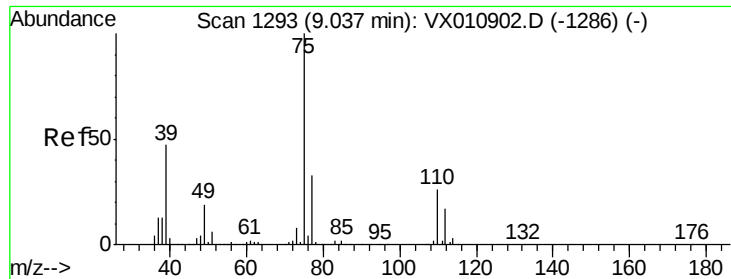
Tot Ion: 43 Resp: 1639292
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.4



#52
Toluene
Concen: 102.528 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion: 92 Resp: 572343
Ion Ratio Lower Upper
92 100
91 175.3 139.4 209.0

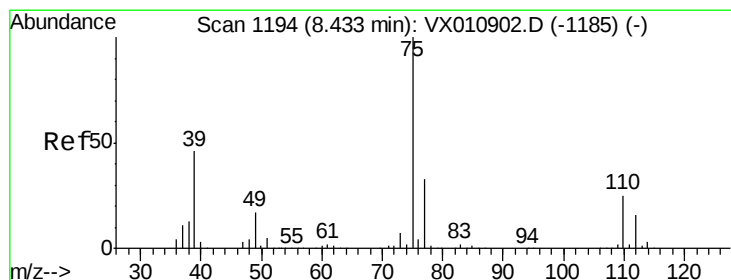
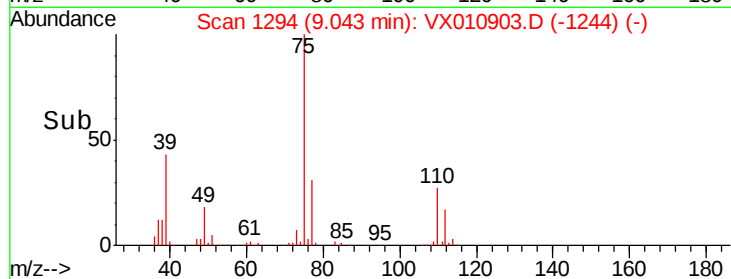
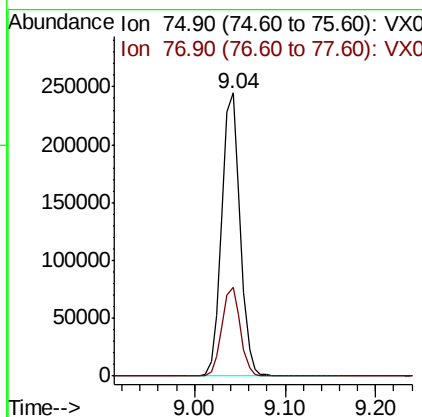
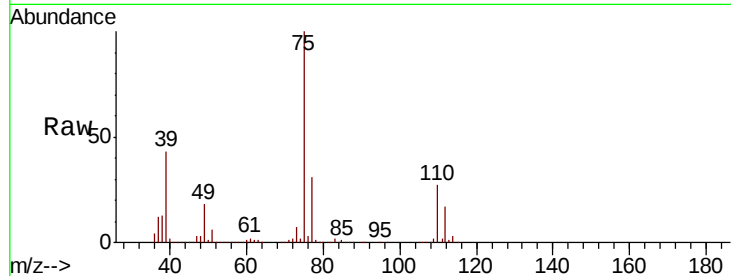




#53
 t-1,3-Dichloropropene
 Concen: 110.425 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

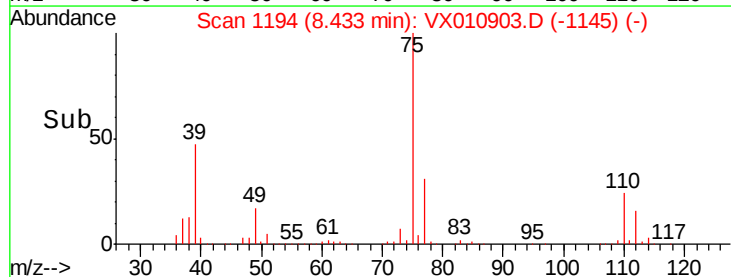
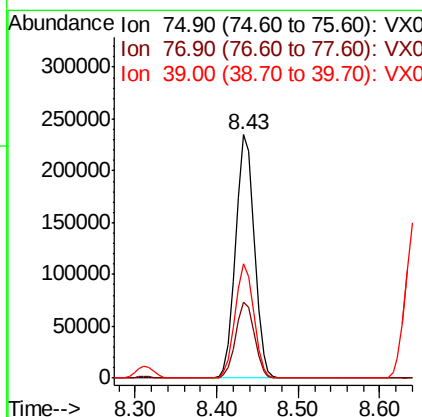
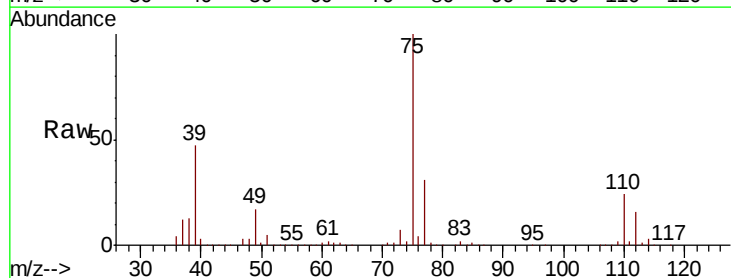
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

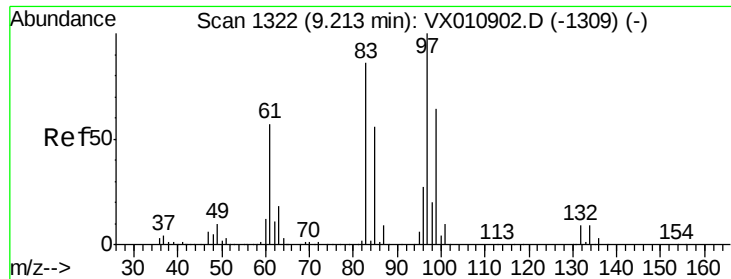
Tot Ion: 75 Resp: 346665
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 107.596 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion: 75 Resp: 368179
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 46.7 36.6 54.8

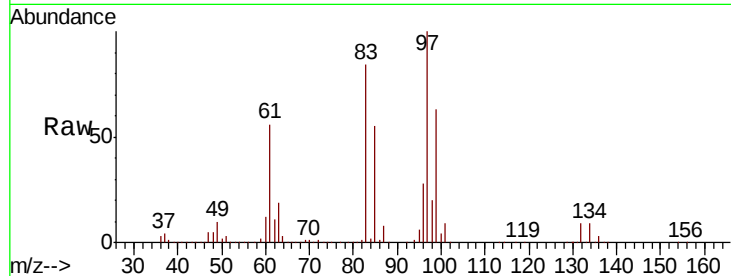




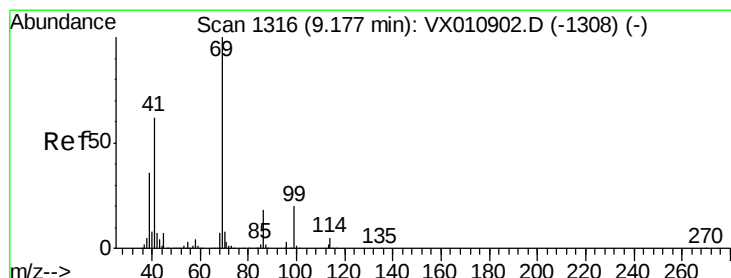
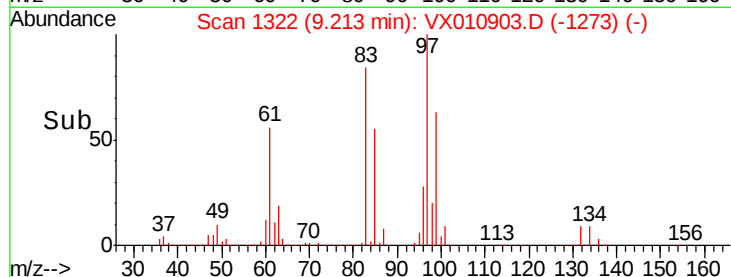
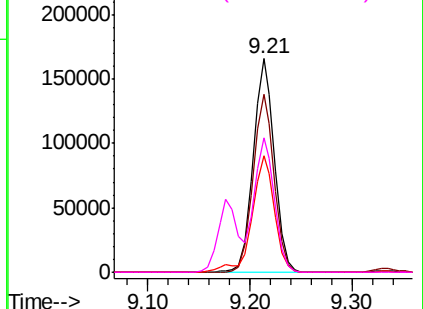
#55
 1,1,2-Trichloroethane
 Concen: 104.894 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	240875
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.2	103.8
85	54.8	44.6	66.8
99	62.9	51.2	76.8

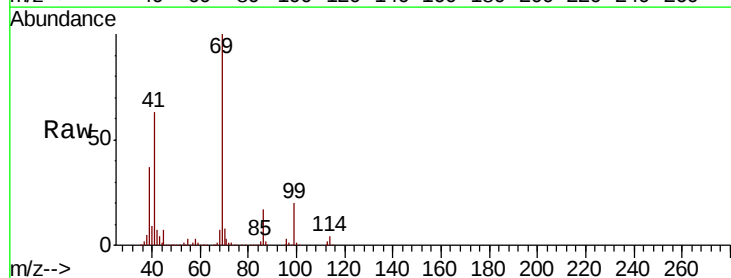


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

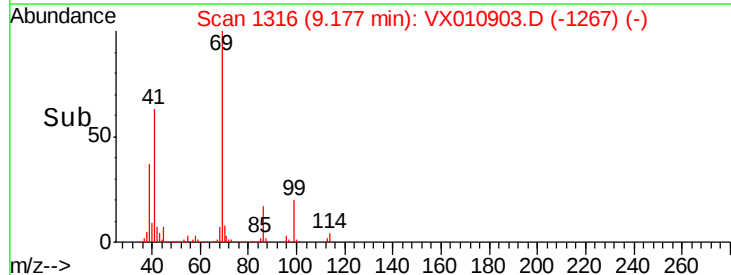
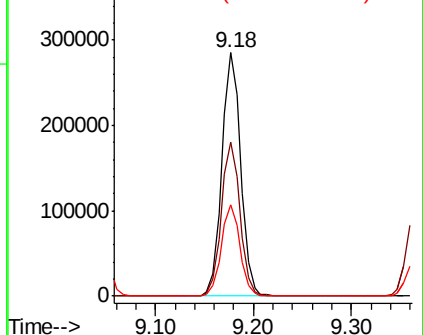


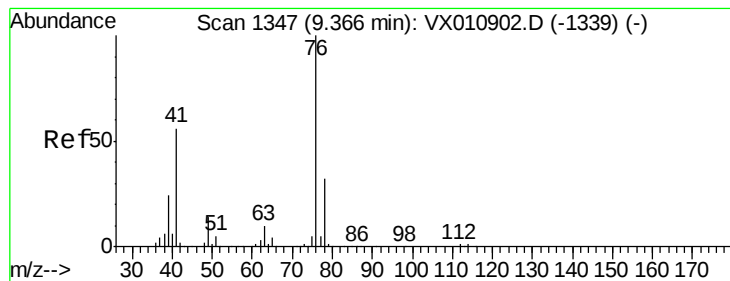
#56
 Ethyl methacrylate
 Concen: 108.975 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion:	69	Resp:	379121
Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.7	74.5
39	37.3	29.6	44.4



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





#57

1,3-Dichloropropane

Concen: 105.205 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

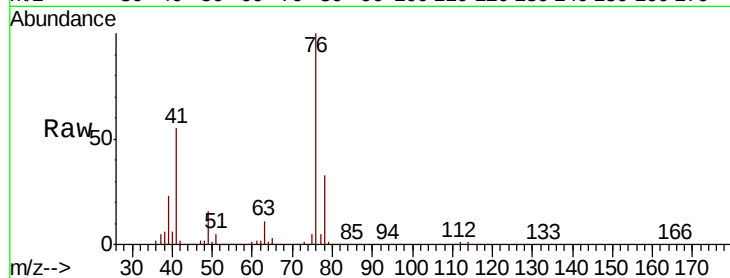
VSTDIC100

Tot Ion: 76 Resp: 376555

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

150000

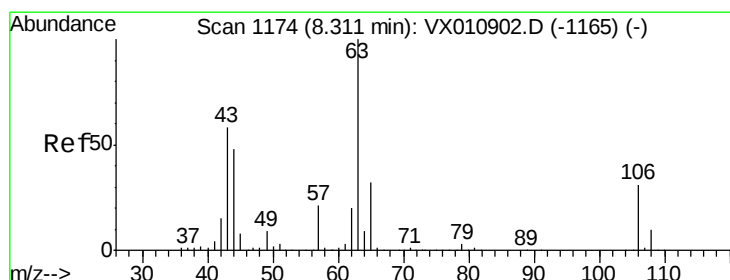
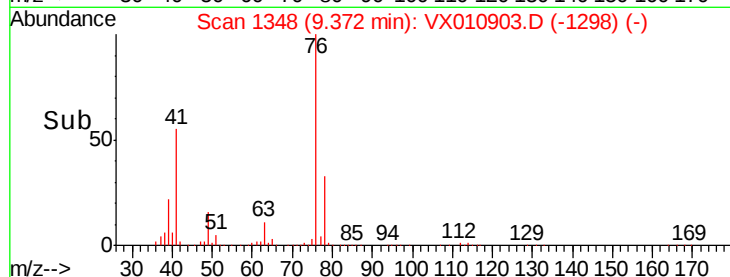
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 533.586 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010903.D

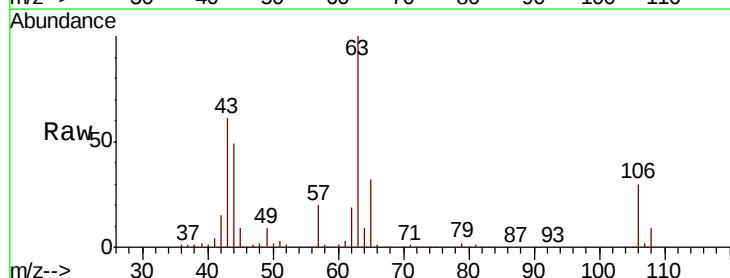
Acq: 16 Jul 2019 11:16

Tgt Ion: 63 Resp: 878620

Ion Ratio Lower Upper

63 100

106 30.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

600000

500000

400000

300000

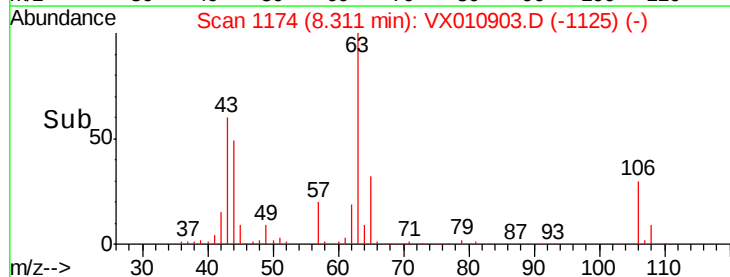
200000

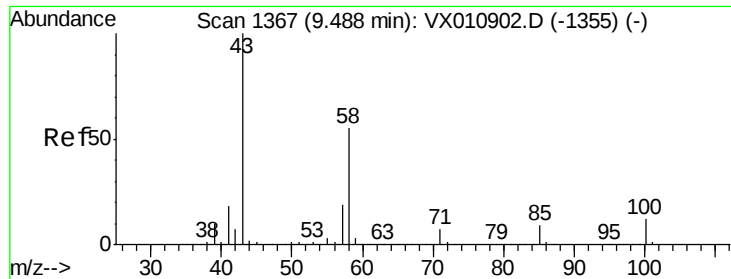
100000

0

Time-->

8.20 8.30 8.40

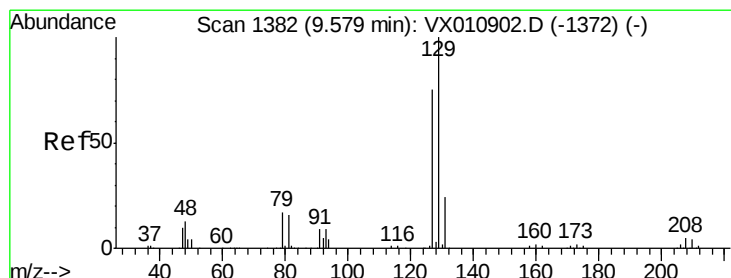
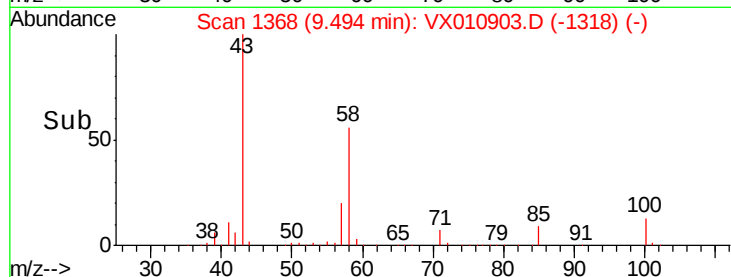
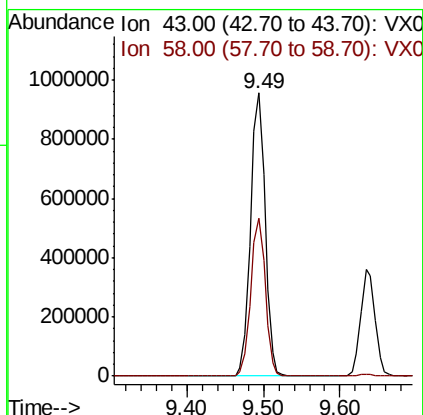
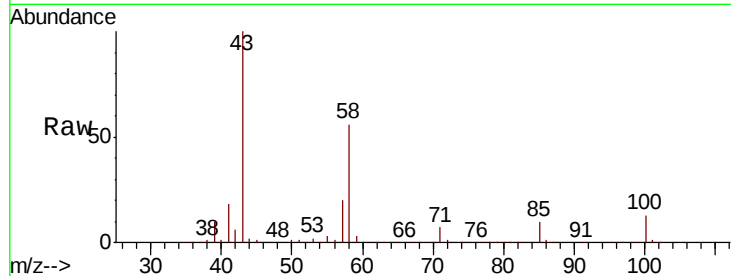




#59
2-Hexanone
Concen: 543.371 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

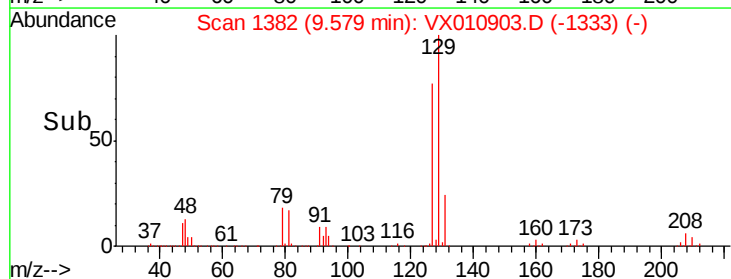
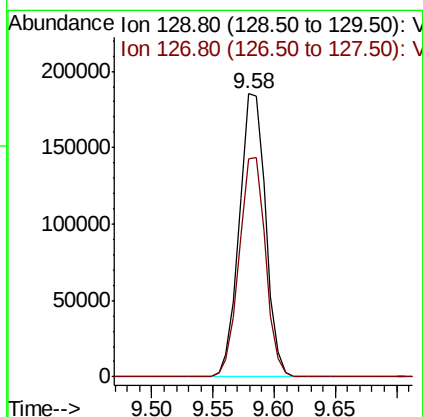
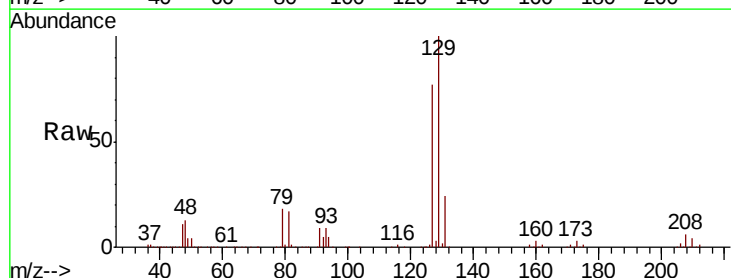
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

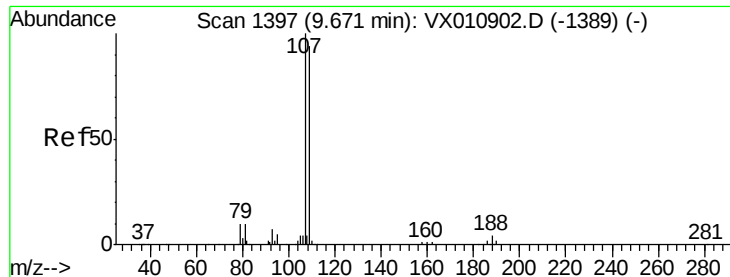
Tot Ion: 43 Resp: 1273233
Ion Ratio Lower Upper
43 100
58 55.6 28.0 83.9



#60
Dibromochloromethane
Concen: 107.862 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion:129 Resp: 275523
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 106.223 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

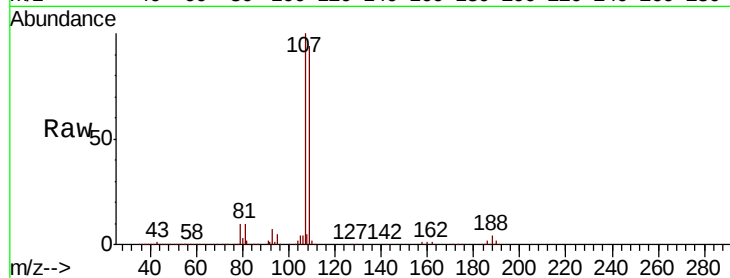
VSTDIC100

Tot Ion:107 Resp: 263654

Ion Ratio Lower Upper

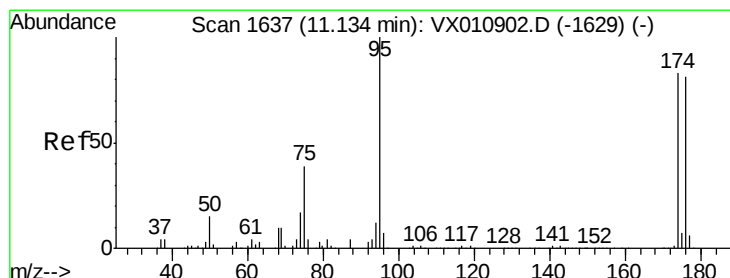
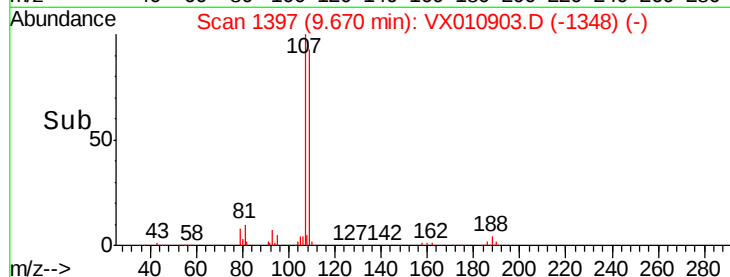
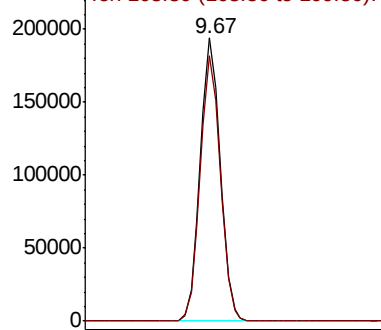
107 100

109 94.1 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 105.737 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

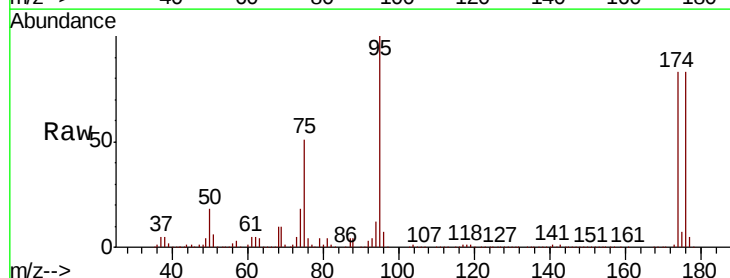
Tgt Ion: 95 Resp: 307729

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.6

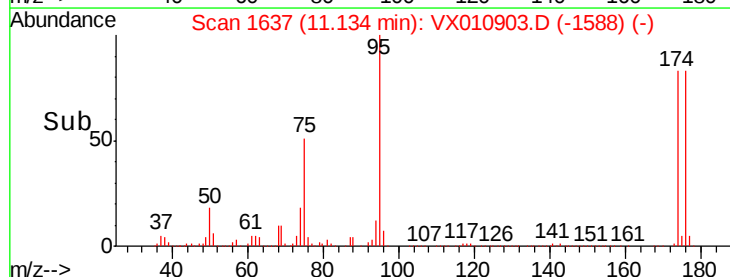
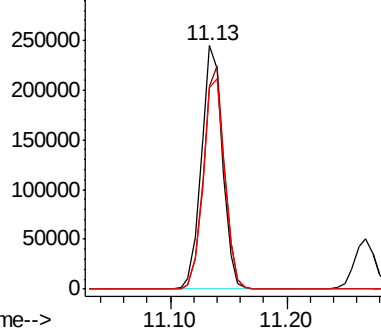
176 87.9 0.0 173.8

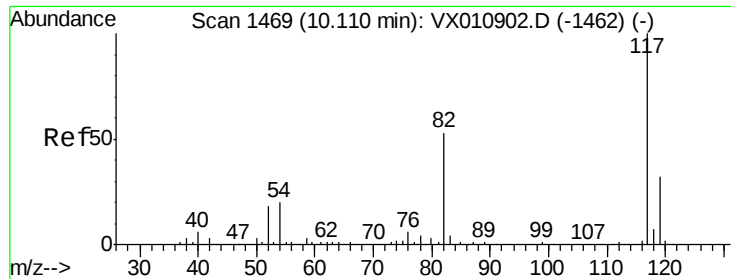


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

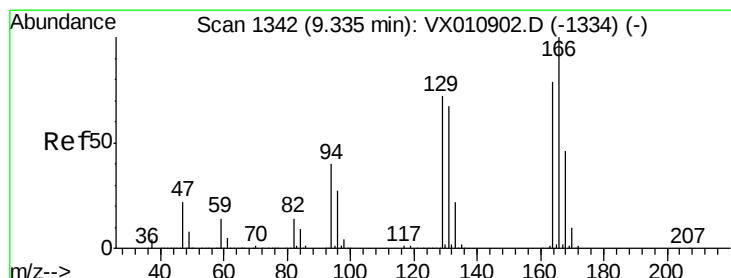
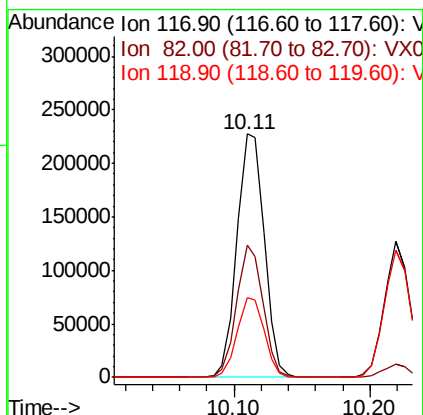
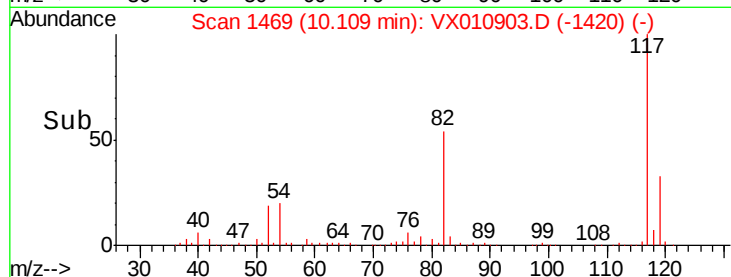
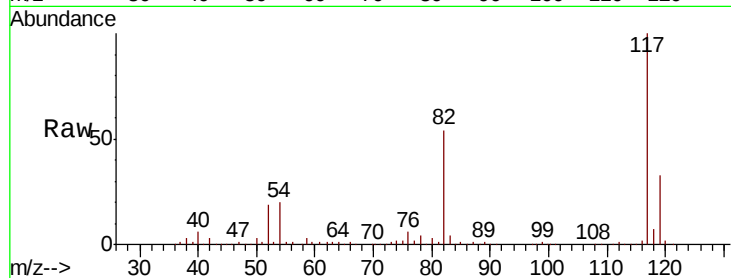




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

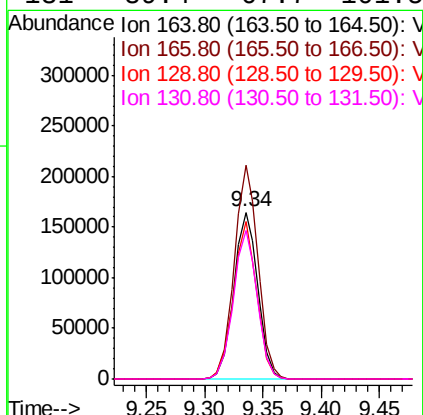
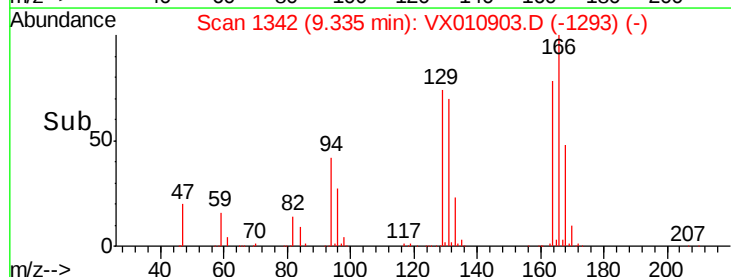
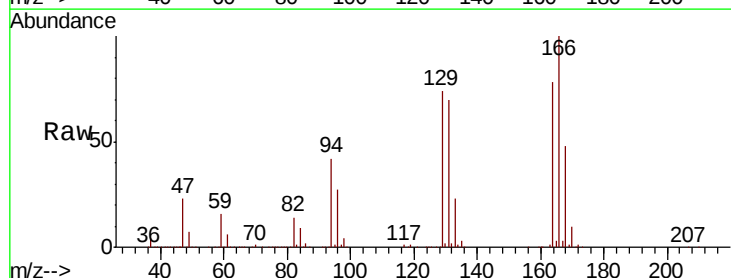
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

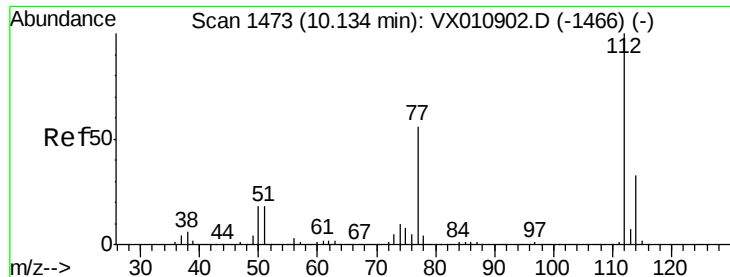
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.6	63.8
119	32.6	25.9	38.9



#64
Tetrachloroethene
Concen: 91.108 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	100.8	151.2
129	94.4	72.6	109.0
131	89.4	67.7	101.5

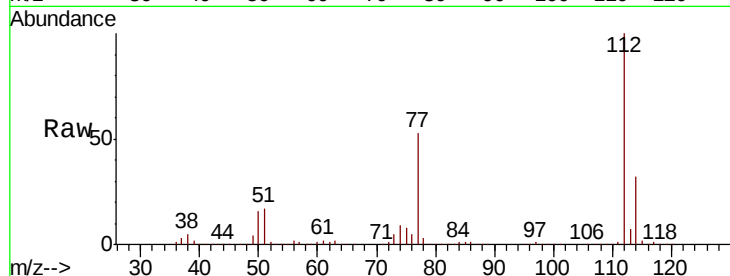




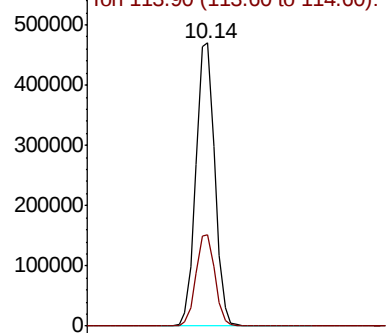
#65
Chlorobenzene
Concen: 100.739 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

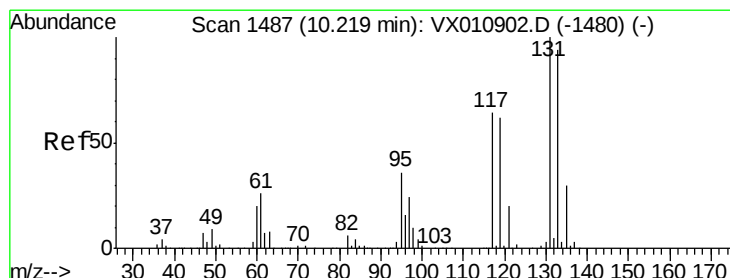
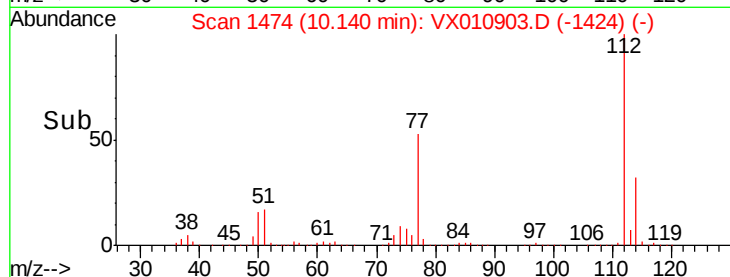
Tot Ion:112 Resp: 652973
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



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

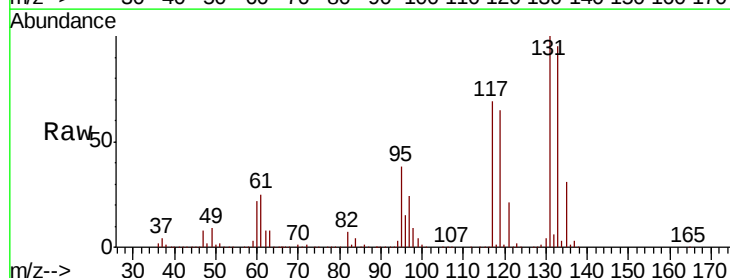


Time-->

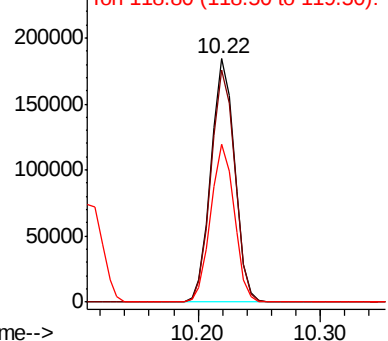


#66
1,1,1,2-Tetrachloroethane
Concen: 104.481 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

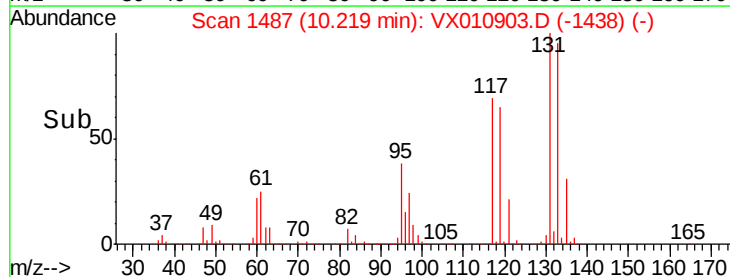
Tgt Ion:131 Resp: 246573
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 64.6 31.9 95.7

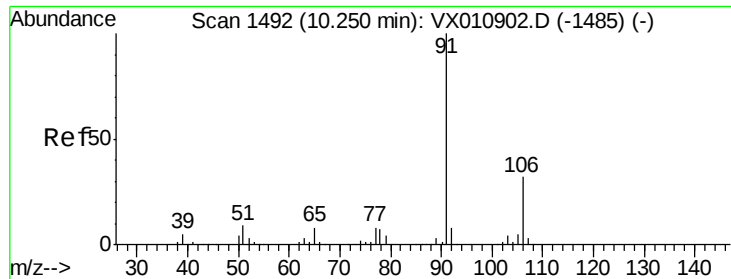


Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 103.648 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampled :

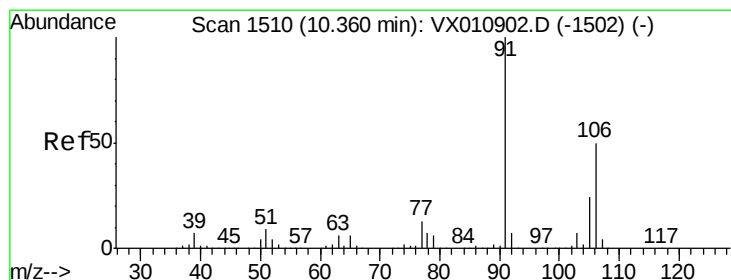
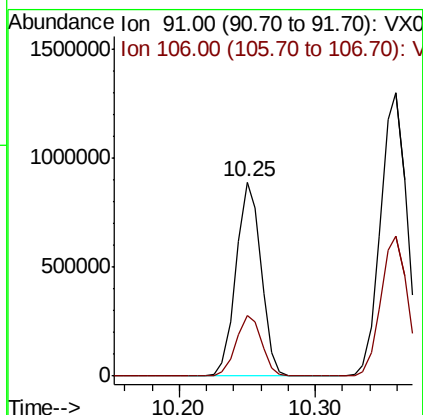
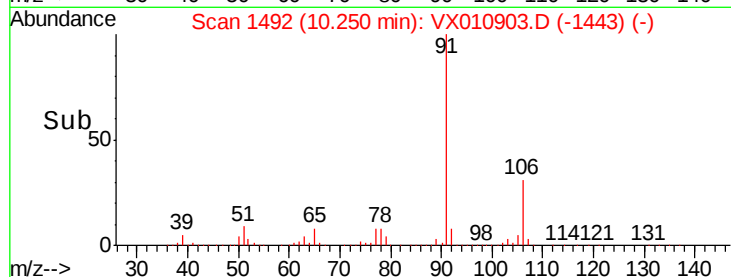
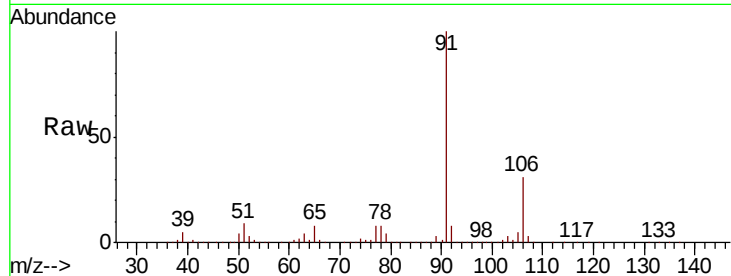
VSTDIC100

Tot Ion: 91 Resp: 1140580

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.2



#68

m/p-Xylenes

Concen: 205.241 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010903.D

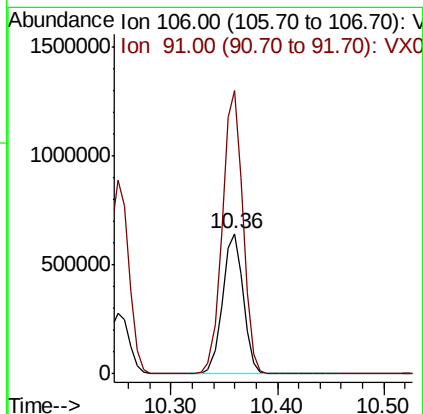
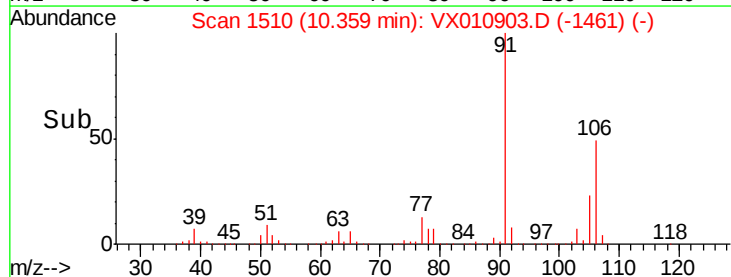
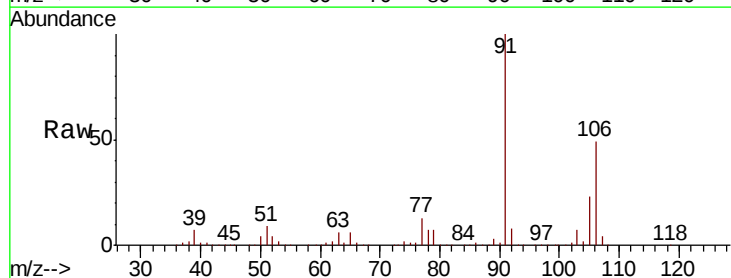
Acq: 16 Jul 2019 11:16

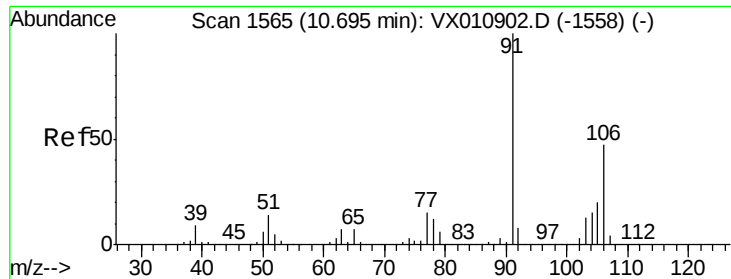
Tgt Ion: 106 Resp: 873004

Ion Ratio Lower Upper

106 100

91 200.7 160.1 240.1

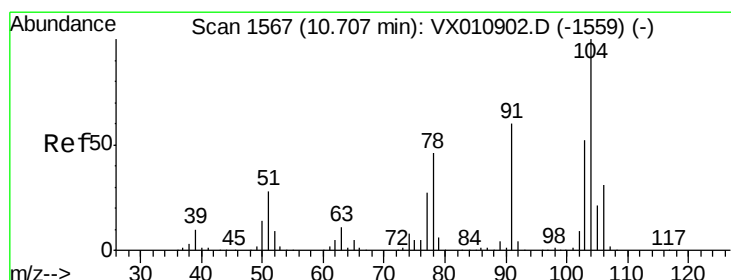
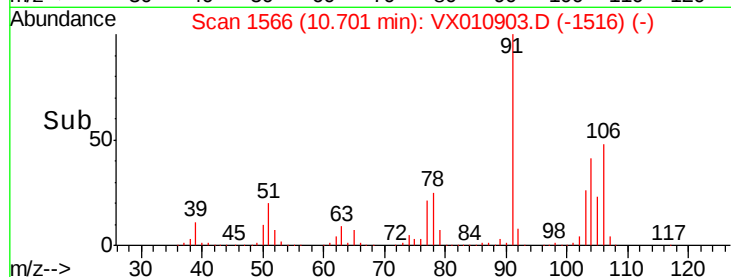
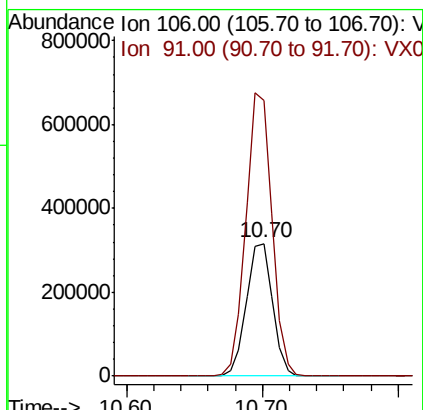
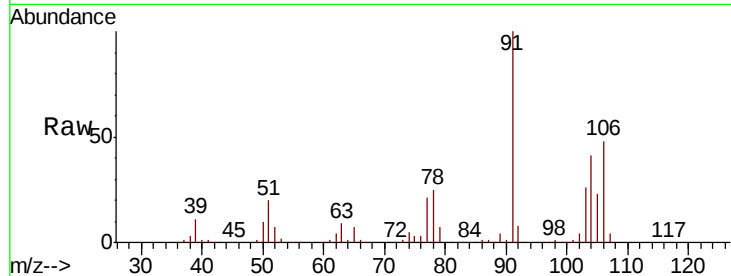




#69
o-Xylene
Concen: 102.399 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

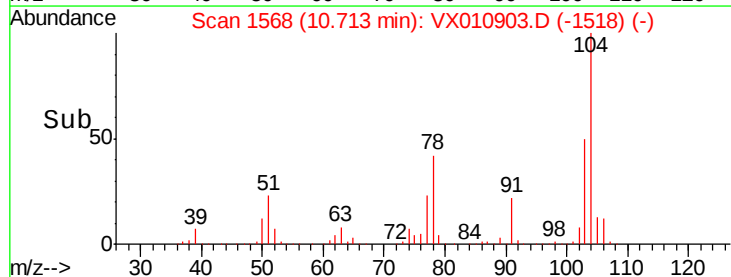
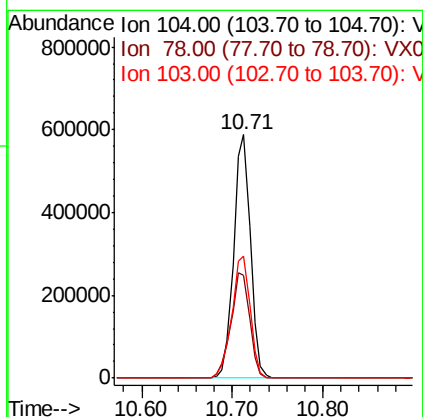
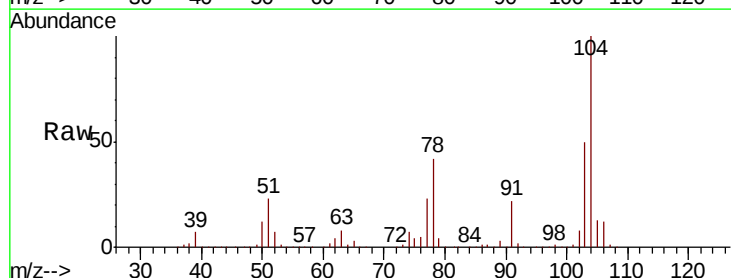
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

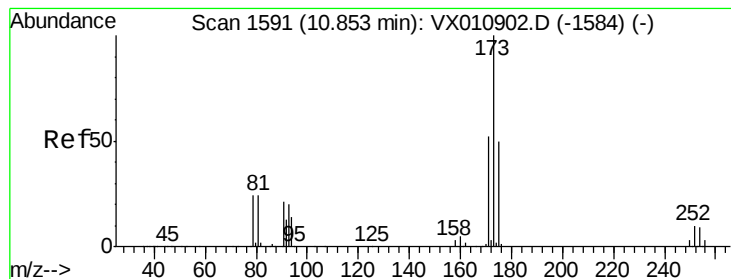
Tot Ion:106 Resp: 428856
Ion Ratio Lower Upper
106 100
91 211.9 105.1 315.3



#70
Styrene
Concen: 107.086 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion:104 Resp: 751860
Ion Ratio Lower Upper
104 100
78 49.0 38.8 58.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 109.609 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

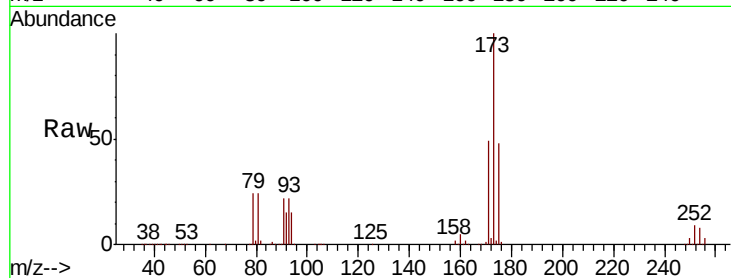
Tot Ion:173 Resp: 221151

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

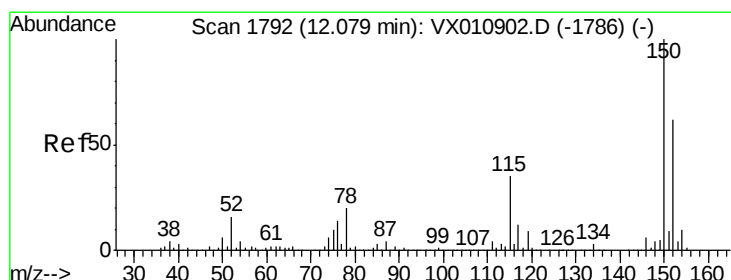
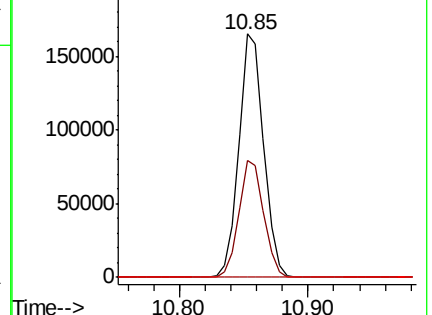
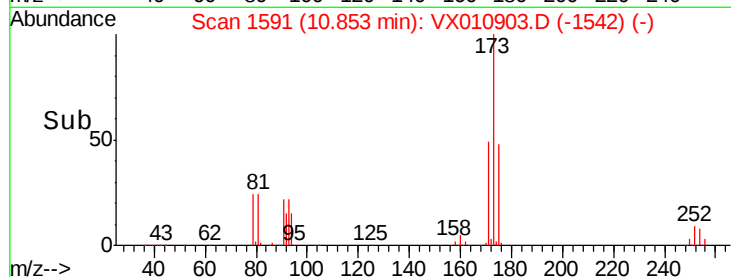
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

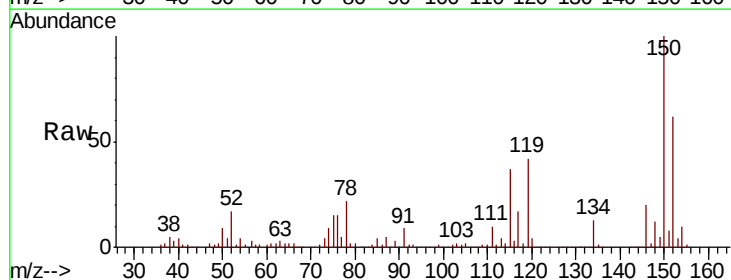
Tgt Ion:152 Resp: 171880

Ion Ratio Lower Upper

152 100

115 104.3 39.7 119.1

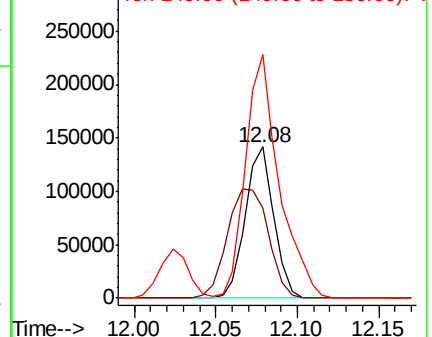
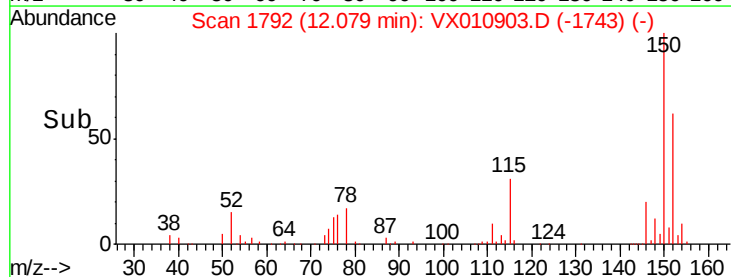
150 190.6 0.0 345.6

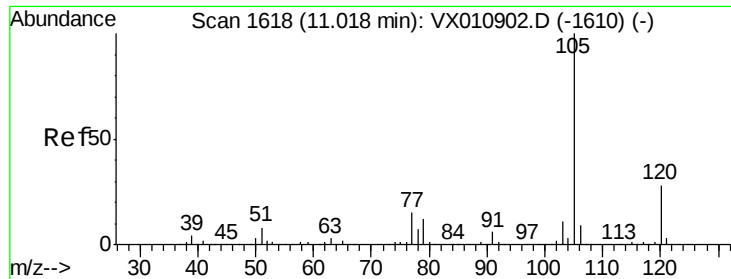


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 100.209 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

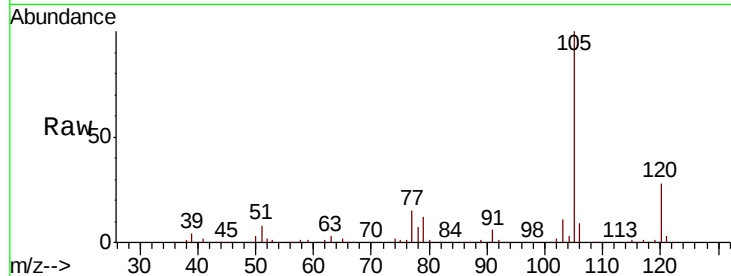
VSTDIC100

Tot Ion:105 Resp: 1165327

Ion Ratio Lower Upper

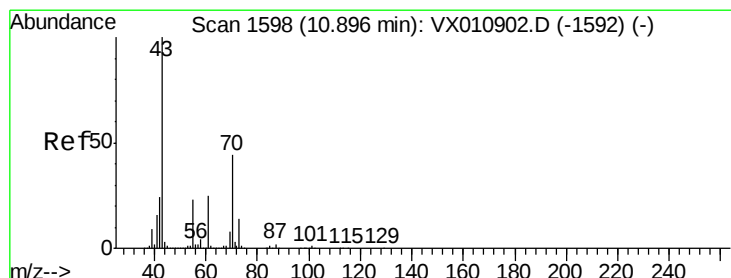
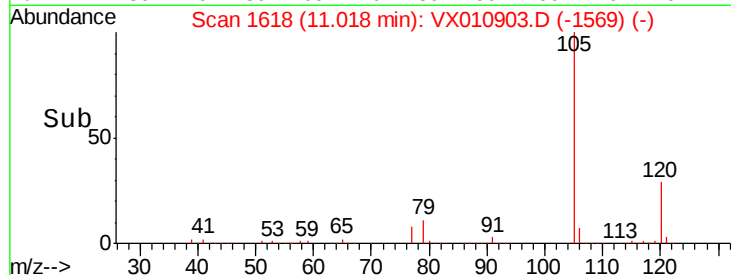
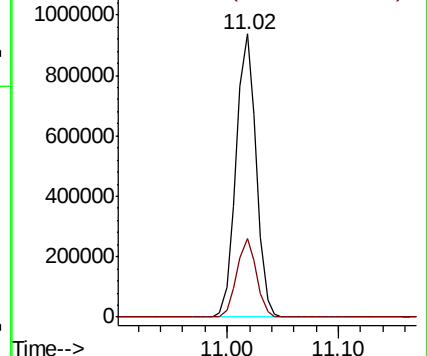
105 100

120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 107.206 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Tgt Ion: 43 Resp: 471958

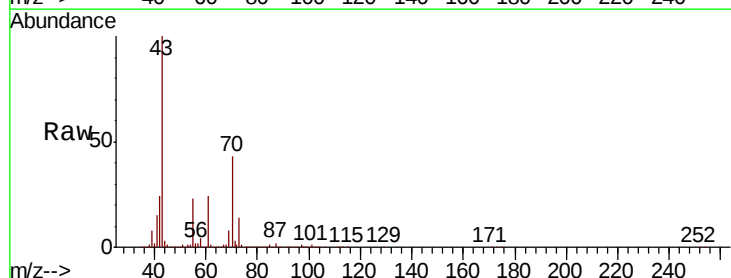
Ion Ratio Lower Upper

43 100

70 43.4 34.7 52.1

55 24.0 19.1 28.7

61 24.8 19.9 29.9

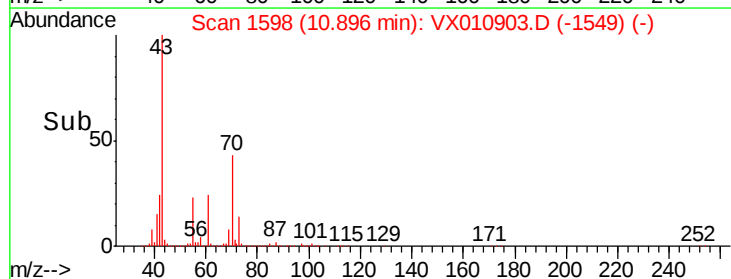
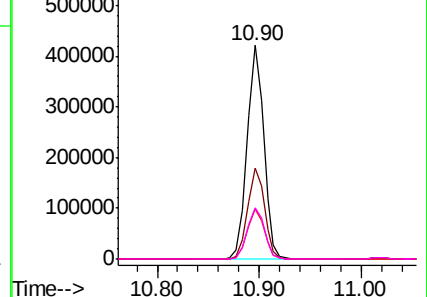


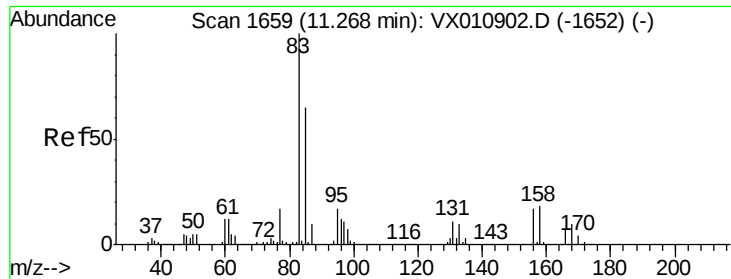
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 97.400 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

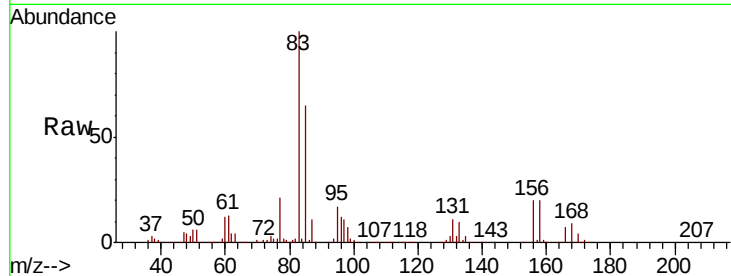
Tot Ion: 83 Resp: 374685

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

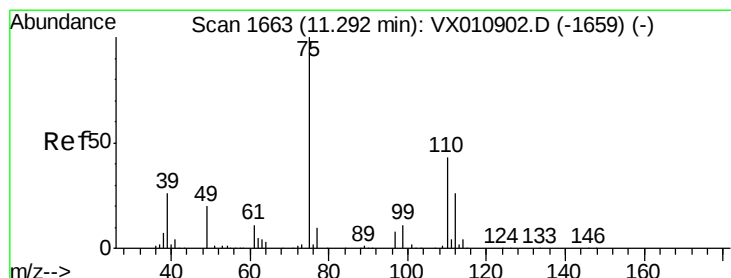
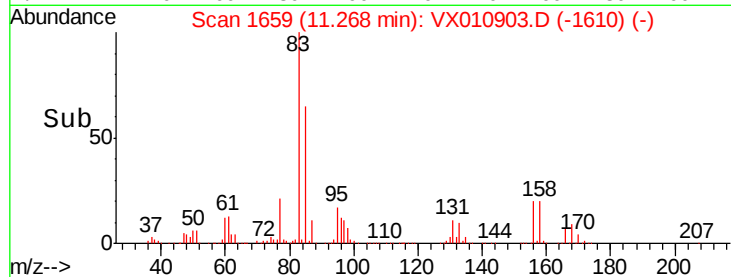
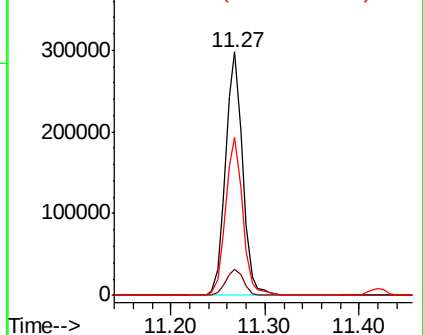
85 65.0 32.3 96.9



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: 138.448 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010903.D

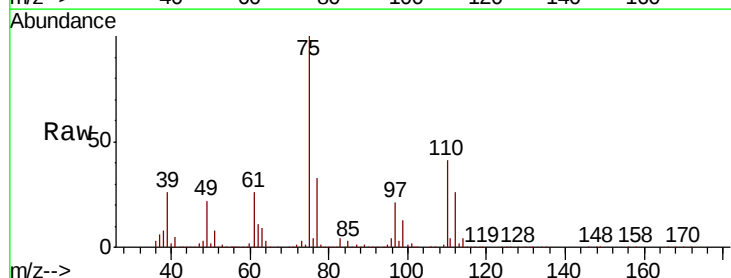
Acq: 16 Jul 2019 11:16

Tgt Ion: 75 Resp: 432806

Ion Ratio Lower Upper

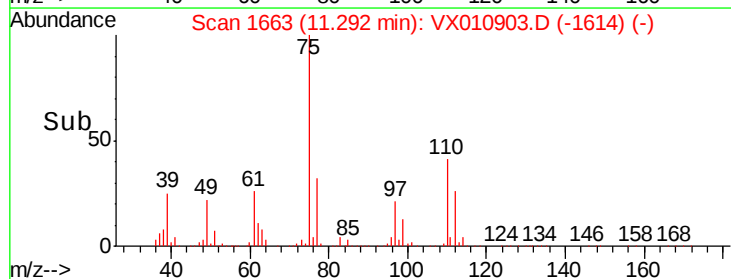
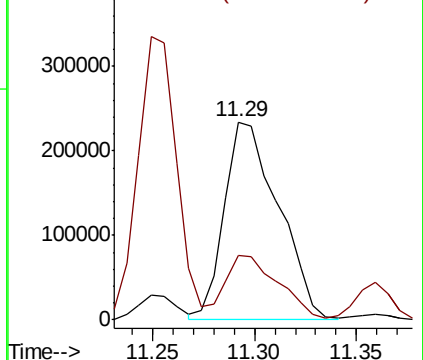
75 100

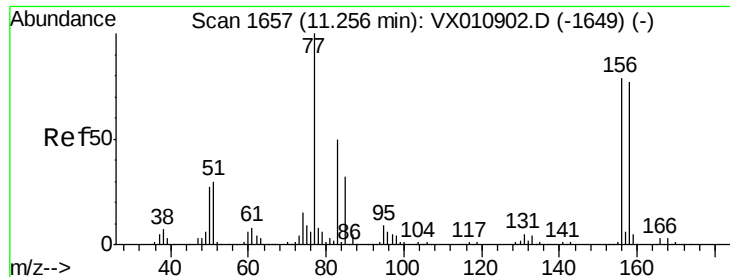
77 32.3 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 96.911 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

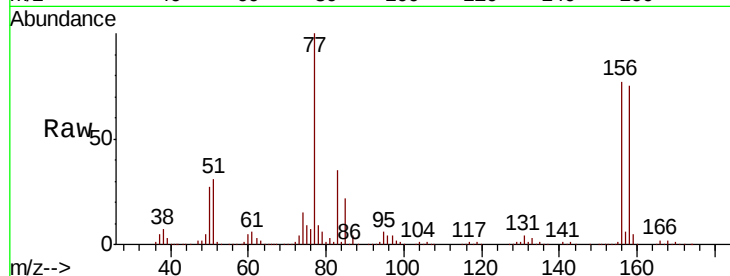
Tot Ion:156 Resp: 314041

Ion Ratio Lower Upper

156 100

77 140.1 68.7 206.1

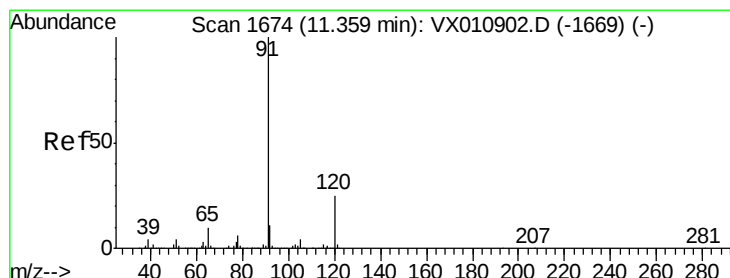
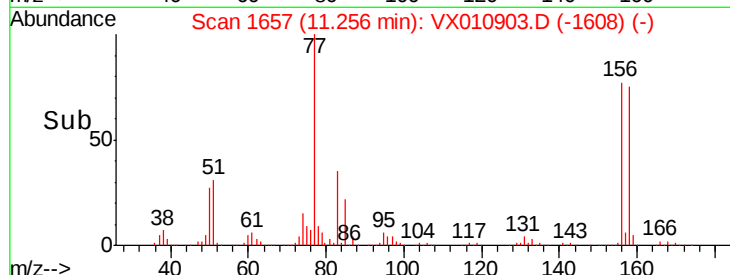
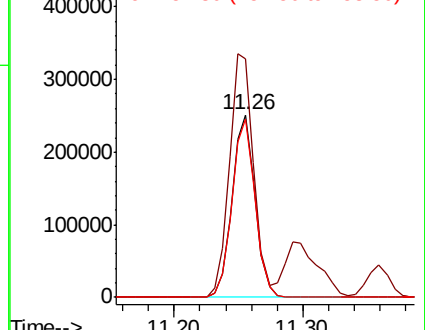
158 98.1 47.9 143.7



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: 102.981 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010903.D

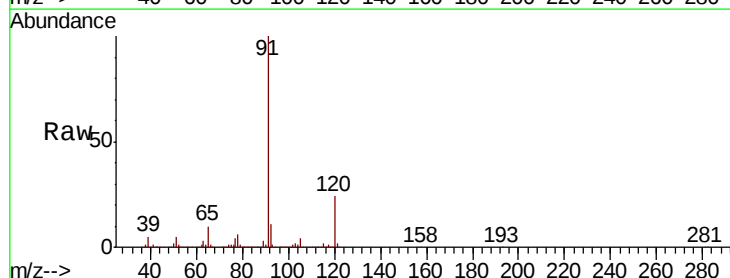
Acq: 16 Jul 2019 11:16

Tgt Ion: 91 Resp: 1317305

Ion Ratio Lower Upper

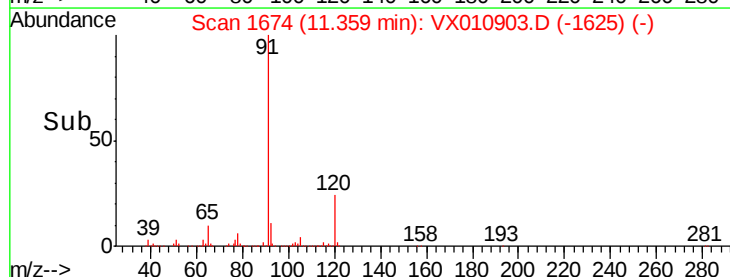
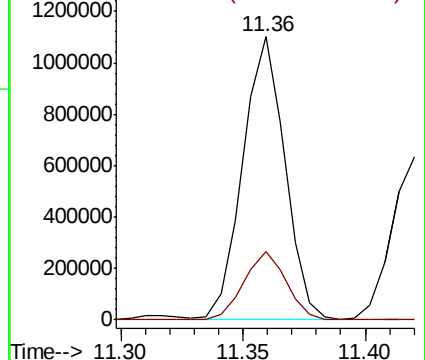
91 100

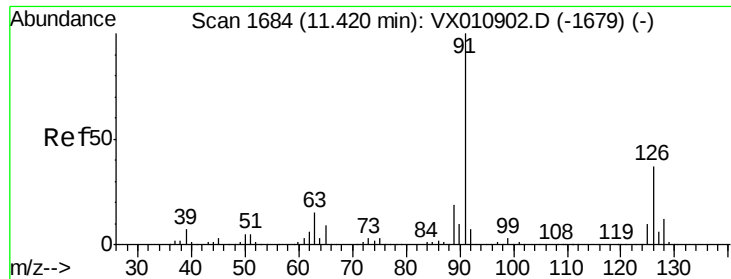
120 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 102.202 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

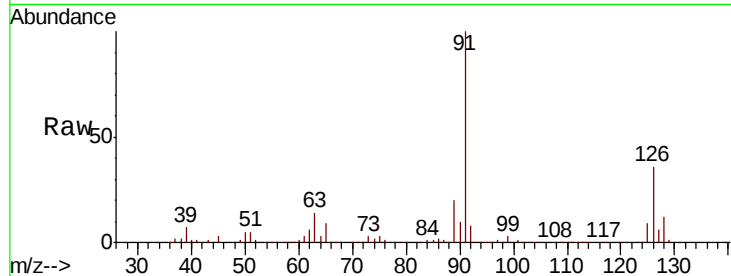
VSTDIC100

Tot Ion: 91 Resp: 779605

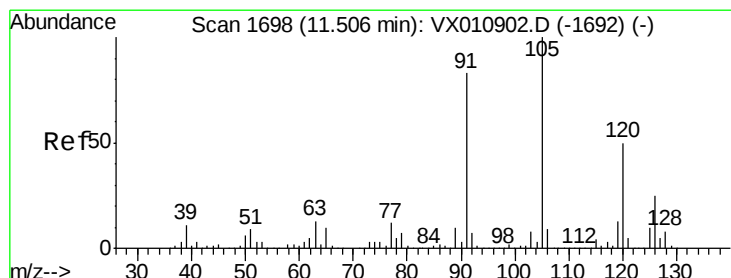
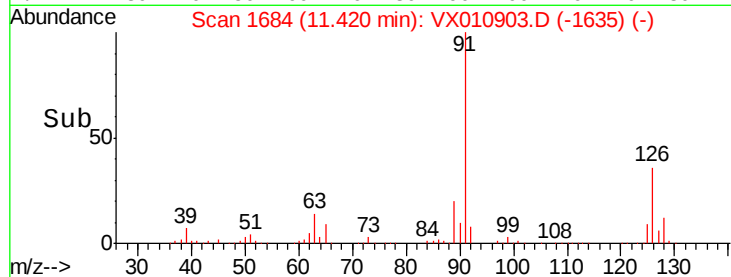
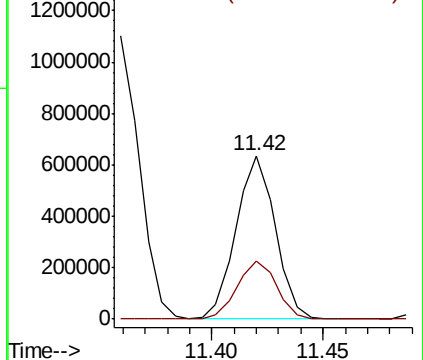
Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 103.195 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010903.D

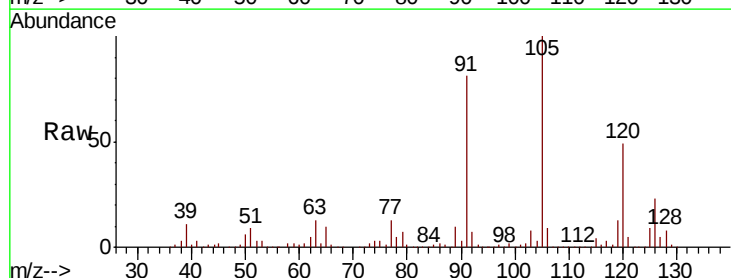
Acq: 16 Jul 2019 11:16

Tgt Ion:105 Resp: 992122

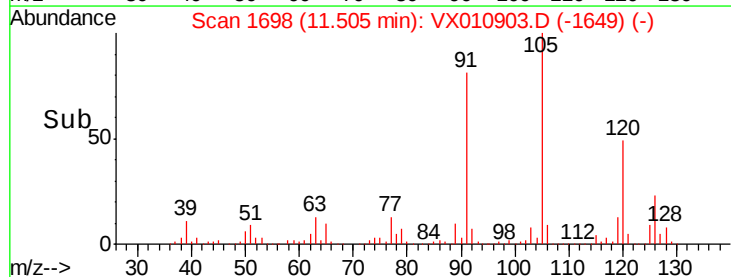
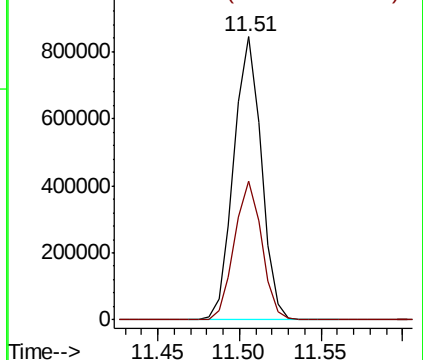
Ion Ratio Lower Upper

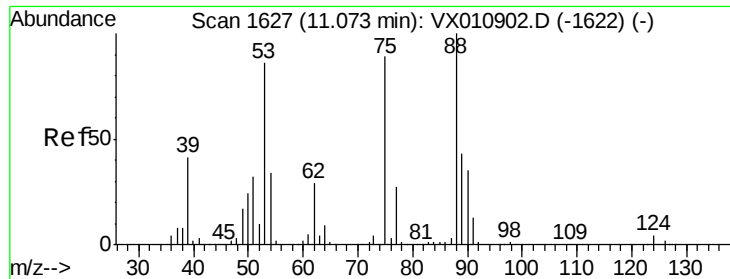
105 100

120 48.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 99.423 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

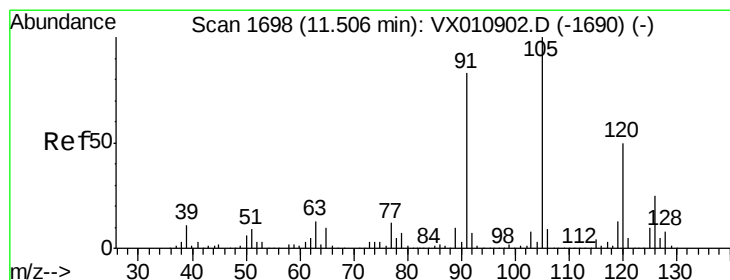
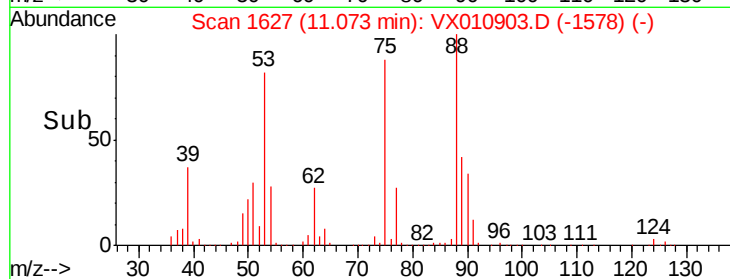
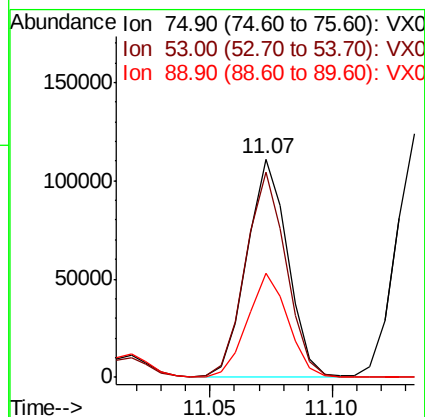
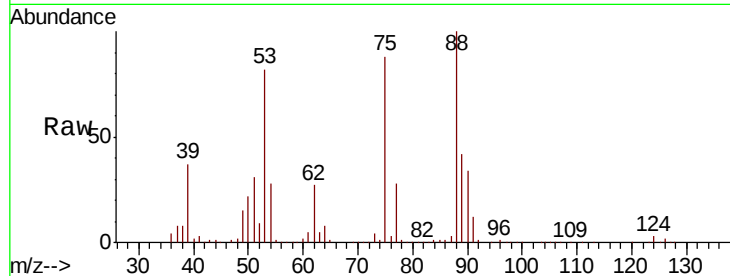
Tot Ion: 75 Resp: 129105

Ion Ratio Lower Upper

75 100

53 93.7 76.7 115.1

89 47.4 38.5 57.7



#82

4-Chlorotoluene

Concen: 105.069 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010903.D

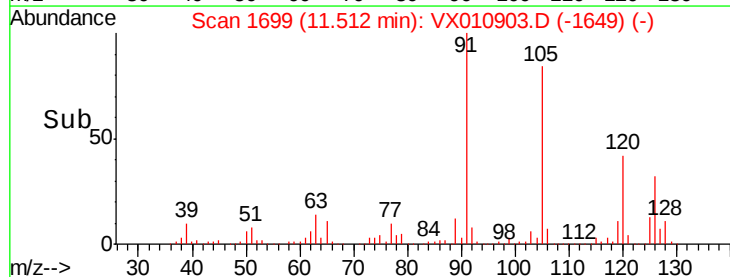
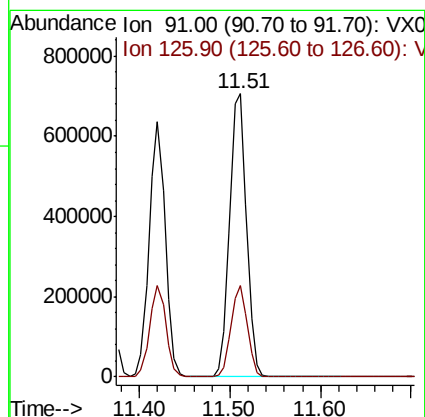
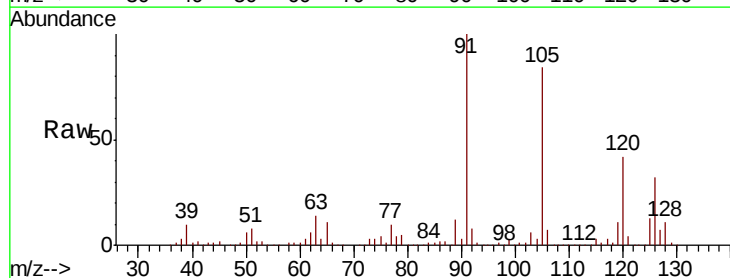
Acq: 16 Jul 2019 11:16

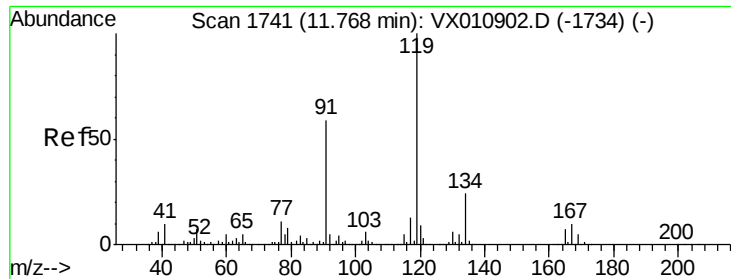
Tgt Ion: 91 Resp: 913057

Ion Ratio Lower Upper

91 100

126 31.1 15.9 47.7

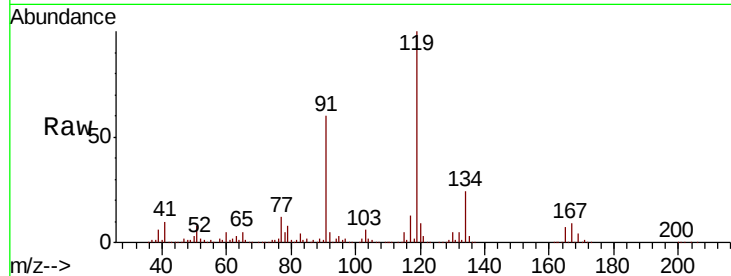




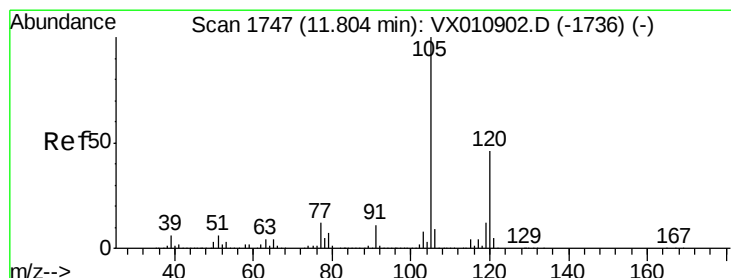
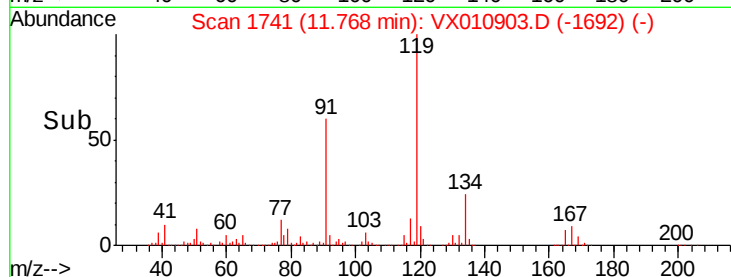
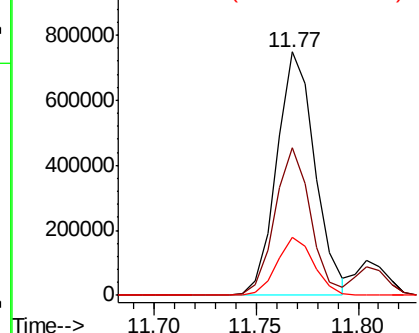
#83
tert-Butylbenzene
Concen: 101.513 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:119 Resp: 976880
Ion Ratio Lower Upper
119 100
91 56.8 28.6 85.8
134 23.1 11.6 34.8

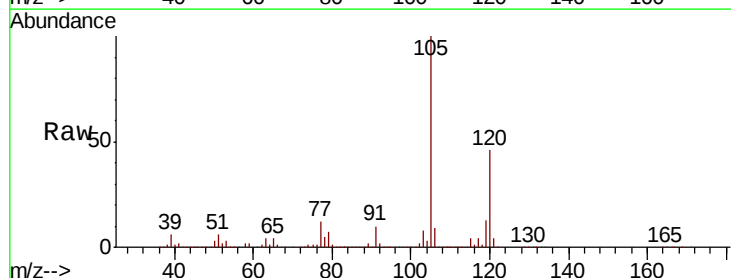


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

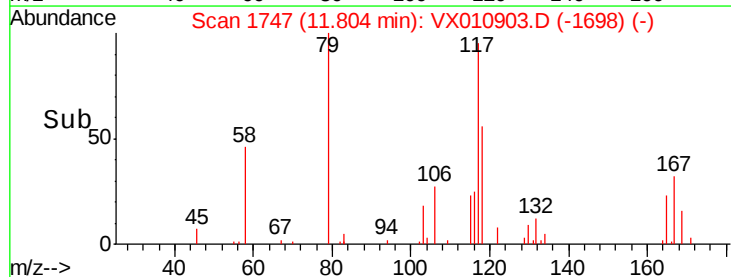
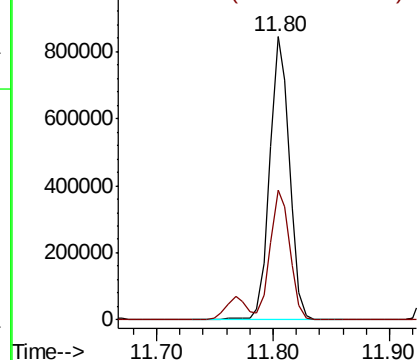


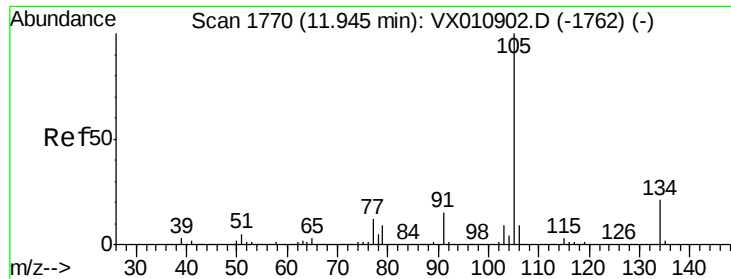
#84
1,2,4-Trimethylbenzene
Concen: 103.515 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion:105 Resp: 998201
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5



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





#85

sec-Butylbenzene

Concen: 101.770 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

Instrument :

MSVOA_X

ClientSampled :

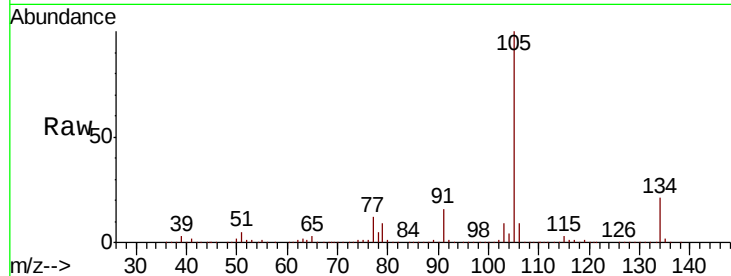
VSTDIC100

Tot Ion:105 Resp: 1149992

Ion Ratio Lower Upper

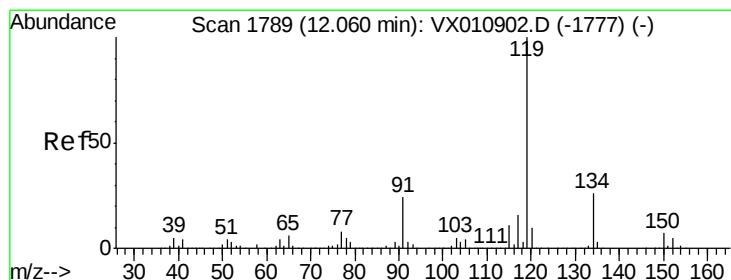
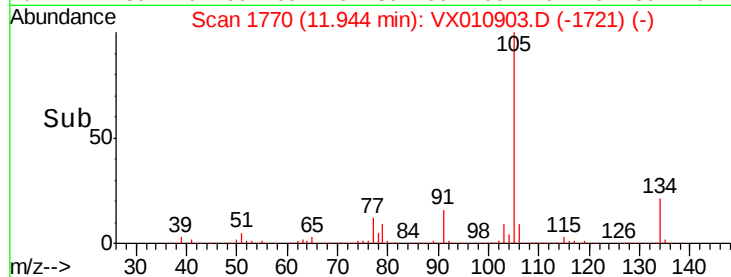
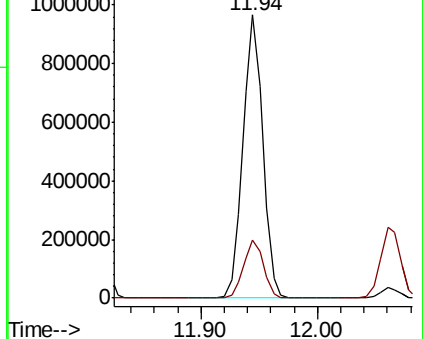
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 102.932 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010903.D

Acq: 16 Jul 2019 11:16

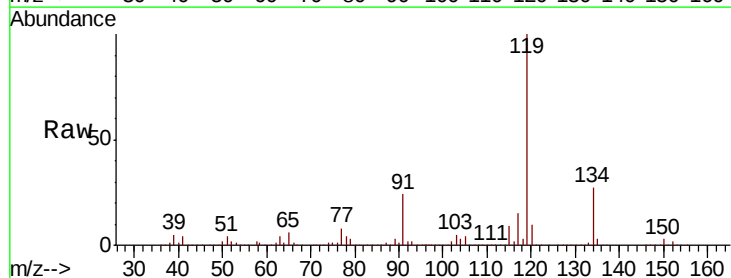
Tgt Ion:119 Resp: 1076027

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

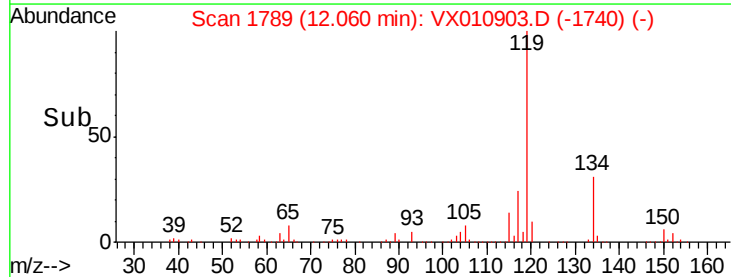
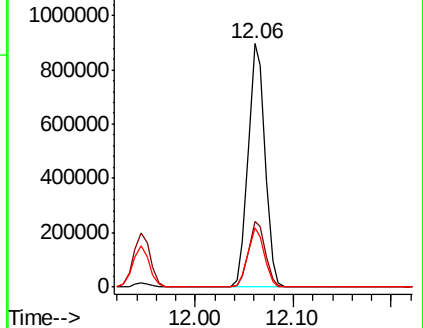
91 23.7 11.8 35.4

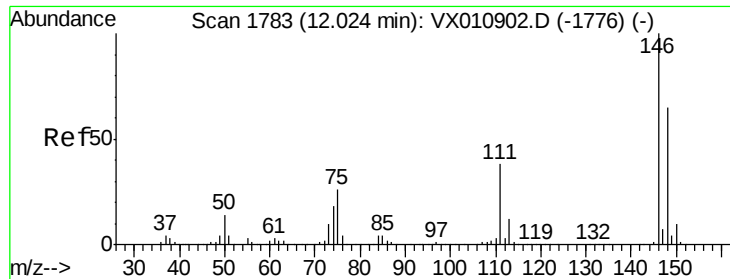


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

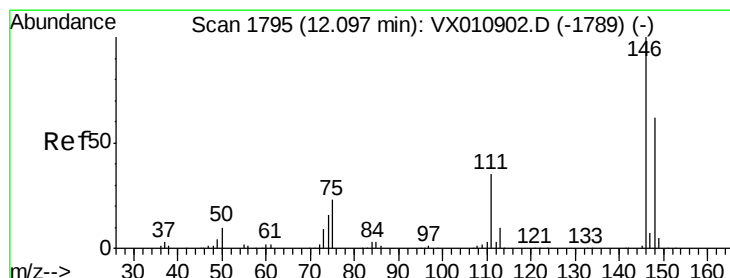
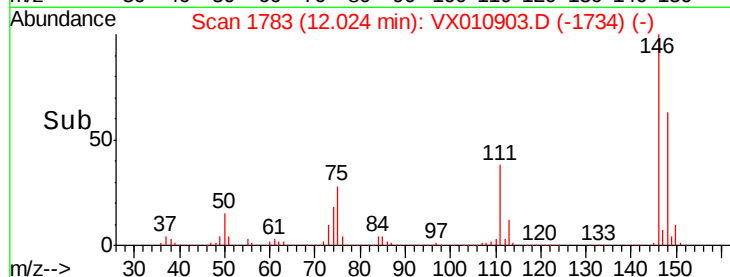
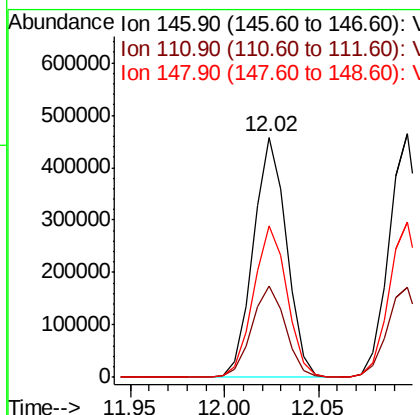
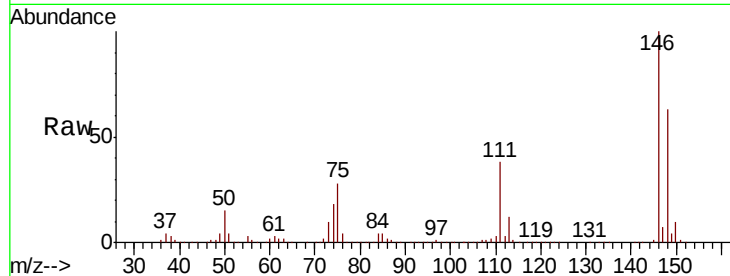




#87
 1,3-Dichlorobenzene
 Concen: 98.961 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

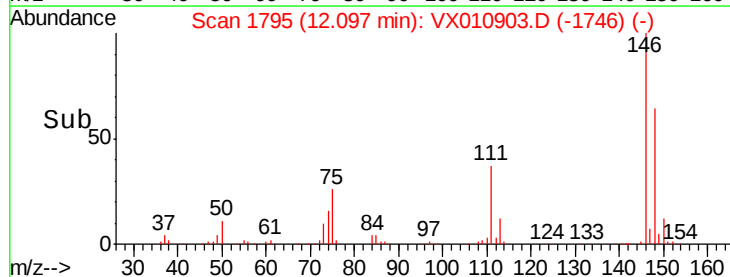
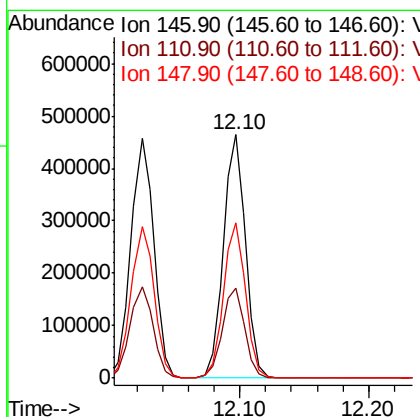
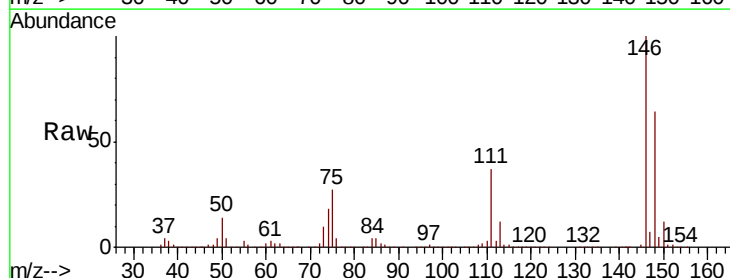
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

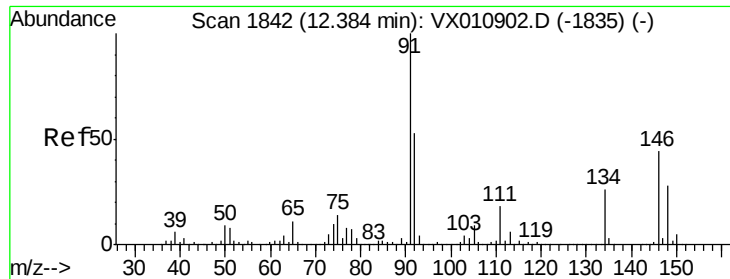
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.3	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 97.110 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	63.6	31.6	94.7

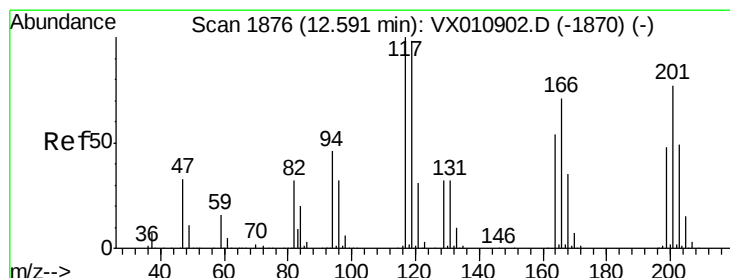
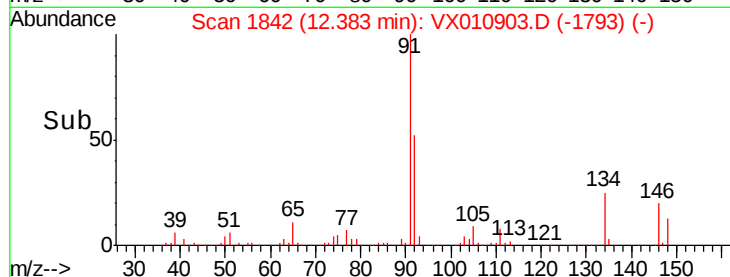
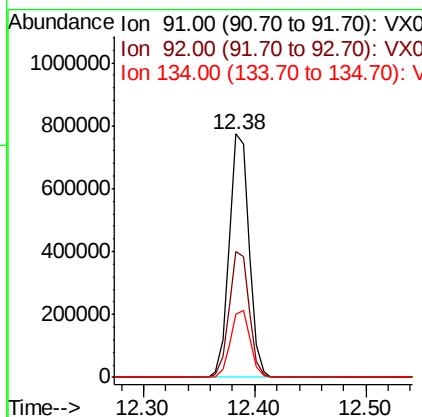
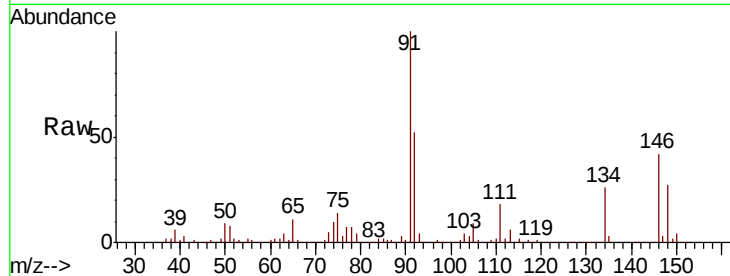




#89
n-Butylbenzene
Concen: 106.783 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

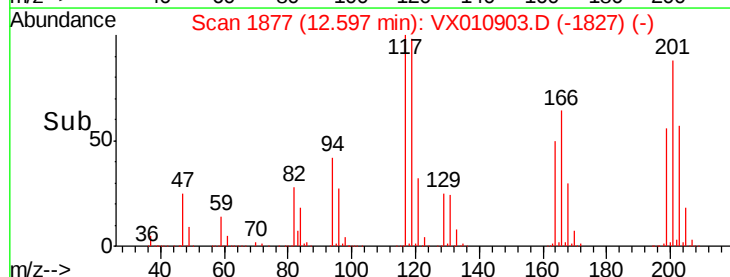
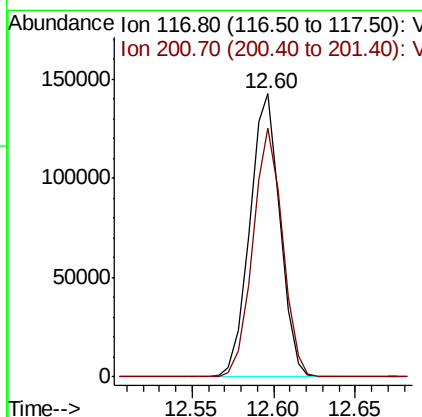
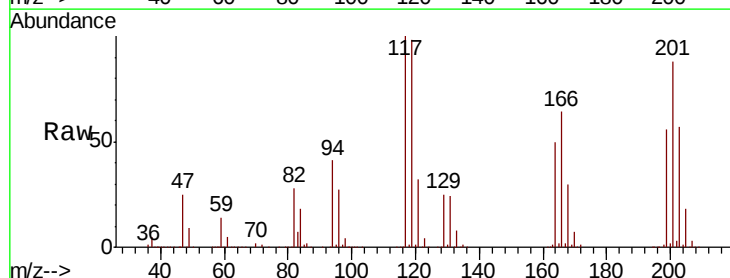
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

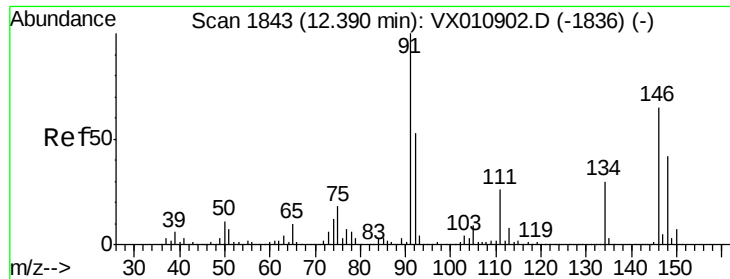
Tot Ion: 91 Resp: 950116
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.5
134 27.3 13.8 41.3



#90
Hexachloroethane
Concen: 103.675 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion: 117 Resp: 183705
Ion Ratio Lower Upper
117 100
201 86.3 43.3 129.8

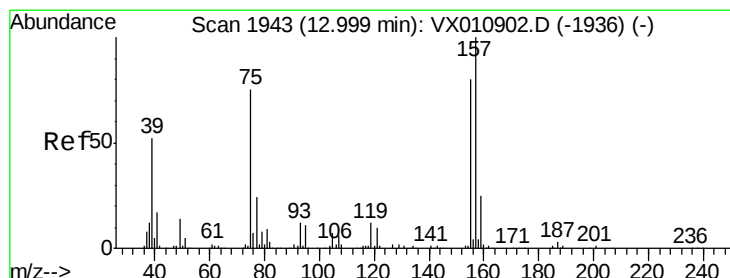
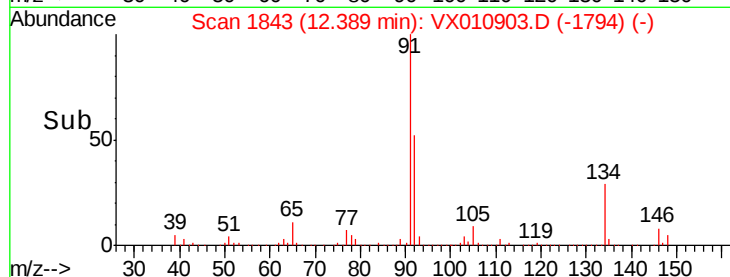
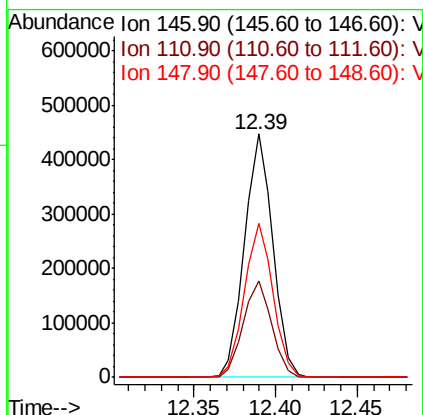
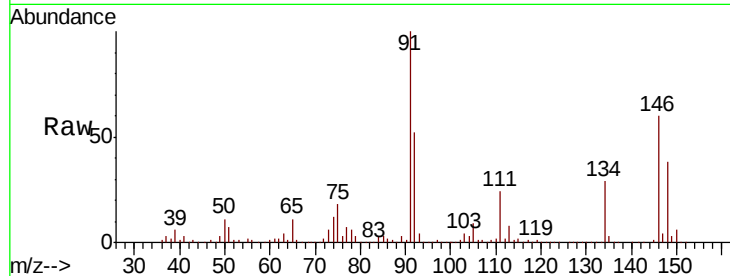




#91
 1,2-Dichlorobenzene
 Concen: 96.529 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

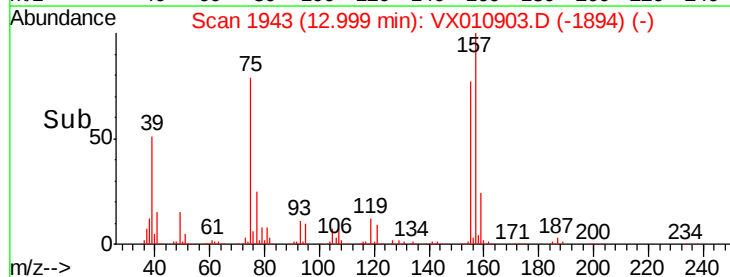
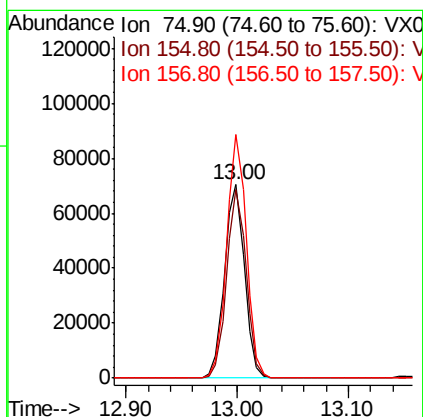
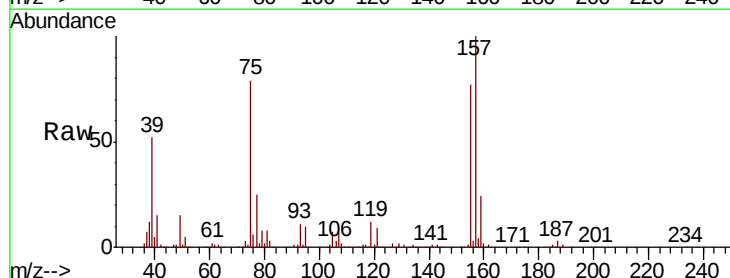
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

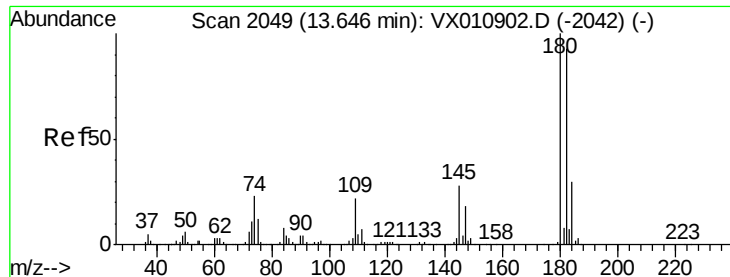
Tot Ion:146 Resp: 543909
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 63.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.938 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion: 75 Resp: 87424
 Ion Ratio Lower Upper
 75 100
 155 95.5 48.7 146.1
 157 123.9 62.5 187.6

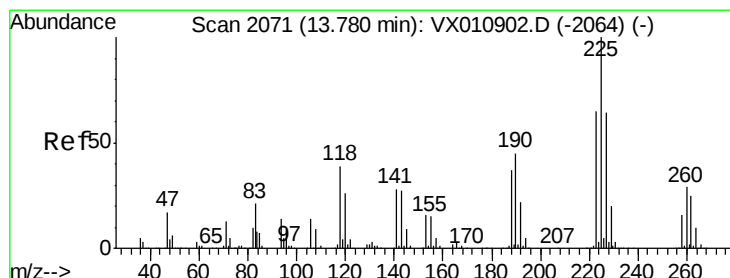
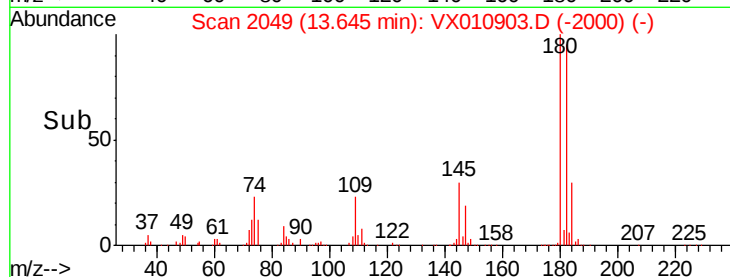
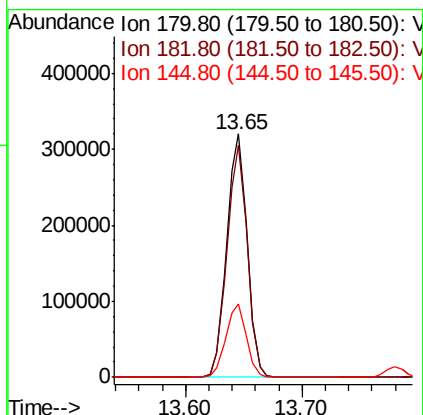
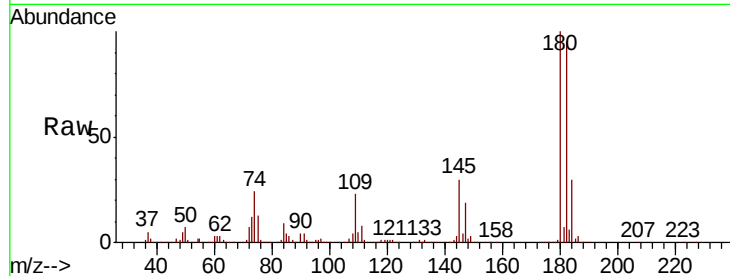




#93
 1,2,4-Trichlorobenzene
 Concen: 99.905 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

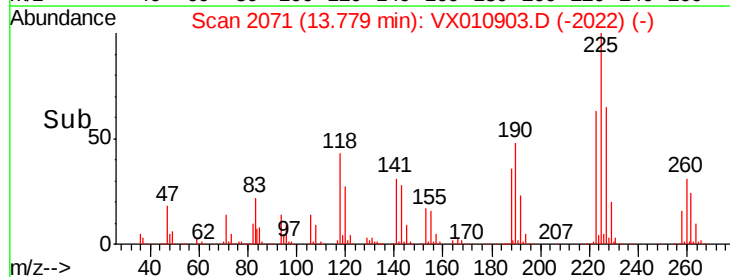
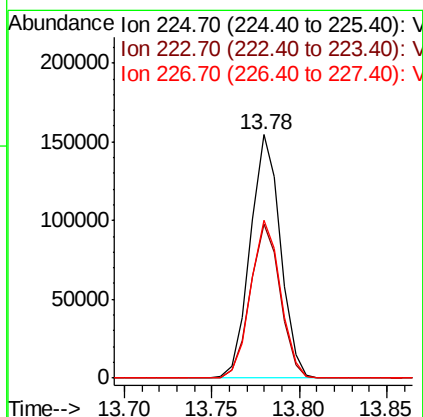
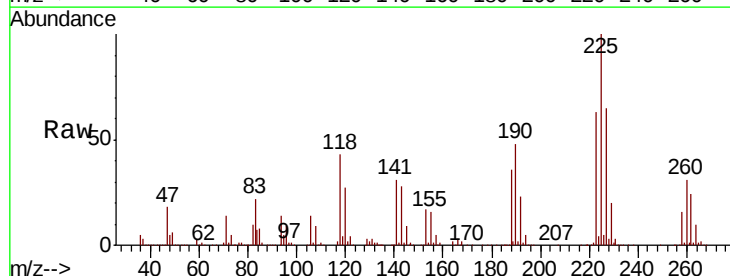
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

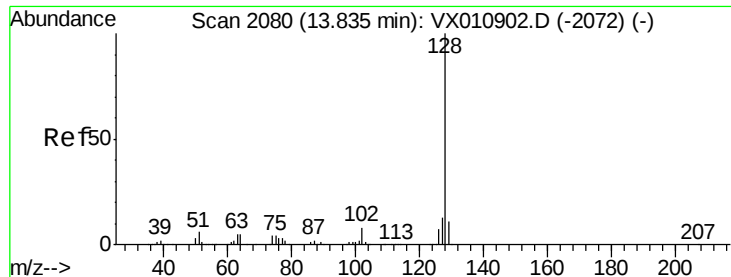
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.3
145	30.1	14.8	44.4



#94
 Hexachlorobutadiene
 Concen: 97.446 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010903.D
 Acq: 16 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.9
227	64.1	32.5	97.4

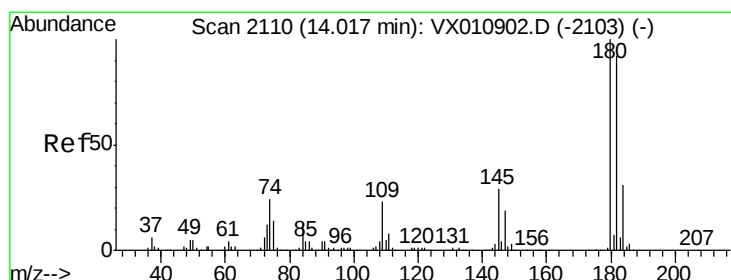
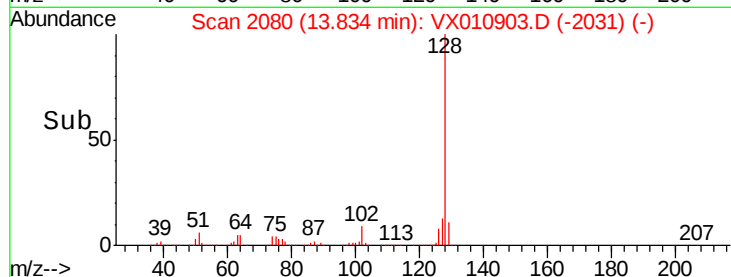
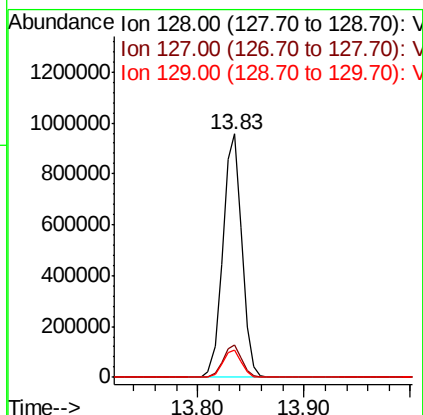
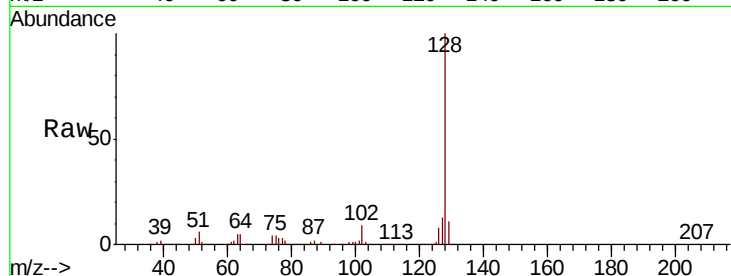




#95
Naphthalene
Concen: 99.816 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1186657
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 99.871 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010903.D
Acq: 16 Jul 2019 11:16

Tgt Ion:180 Resp: 385779
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.3
145 31.8 15.1 45.3

