

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010899.D
 Acq On : 16 Jul 2019 09:43
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 17 04:08:14 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	5.66	168	295349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	437898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	191226	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	5986	2.12	ug/l	0.00
Spiked Amount			Recovery	=	4.24%	
35) Dibromofluoromethane	5.49	113	4873	1.82	ug/l	0.00
Spiked Amount			Recovery	=	3.64%	
50) Toluene-d8	8.71	98	15146	1.48	ug/l	0.00
Spiked Amount			Recovery	=	2.96%	
62) 4-Bromofluorobenzene	11.13	95	4286	1.15	ug/l	0.00
Spiked Amount			Recovery	=	2.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2011	0.895	ug/l	99
3) Chloromethane	1.33	50	2902	1.180	ug/l	89
4) Vinyl Chloride	1.41	62	2543	0.946	ug/l	97
5) Bromomethane	1.64	94	2211	1.661	ug/l	93
6) Chloroethane	1.73	64	1894	1.185	ug/l	90
7) Trichlorofluoromethane	1.93	101	4511	1.059	ug/l	95
8) Diethyl Ether	2.19	74	1823	1.210	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2843	1.114	ug/l	94
10) Methyl Iodide	2.51	142	2599	0.724	ug/l	99
11) Tert butyl alcohol	3.03	59	5447	7.529	ug/l	100
12) 1,1-Dichloroethene	2.37	96	2658	1.028	ug/l	88
13) Acrolein	2.29	56	2606	5.516	ug/l	87
14) Allyl chloride	2.72	41	3646	0.996	ug/l #	88
15) Acrylonitrile	3.14	53	7844	5.459	ug/l	97
16) Acetone	2.44	43	7443	5.397	ug/l	94
17) Carbon Disulfide	2.57	76	6509	0.944	ug/l	97
18) Methyl Acetate	2.78	43	3905	1.390	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	8743	1.079	ug/l	94
20) Methylene Chloride	2.85	84	3428	1.193	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	2970	1.073	ug/l	86
22) Diisopropyl ether	3.85	45	8326	1.086	ug/l #	82
23) Vinyl Acetate	3.82	43	30067	4.547	ug/l	96
24) 1,1-Dichloroethane	3.69	63	5006	1.132	ug/l #	92
25) 2-Butanone	4.67	43	9390	4.625	ug/l	96
26) 2,2-Dichloropropane	4.57	77	4010	1.048	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	3289	1.035	ug/l	94
28) Bromochloromethane	5.01	49	2590	1.226	ug/l #	94
29) Tetrahydrofuran	5.13	42	6439	5.094	ug/l	98
30) Chloroform	5.21	83	5529	1.160	ug/l	93
31) Cyclohexane	5.57	56	4084	1.011	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	4430	1.053	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	3662	1.044	ug/l	90
37) Ethyl Acetate	4.85	43	3302	0.918	ug/l #	89
38) Carbon Tetrachloride	5.78	117	3610	0.959	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010899.D
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 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 17 04:08:14 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)
39) Methylcyclohexane	7.46	83	4507	0.981	ug/l	92
40) Benzene	6.15	78	11350	1.046	ug/l	99
41) Methacrylonitrile	5.04	41	2434	1.240	ug/l #	88
42) 1,2-Dichloroethane	6.20	62	4097	1.223	ug/l	98
43) Isopropyl Acetate	6.44	43	6032	1.017	ug/l	96
44) Trichloroethene	7.21	130	3478	1.074	ug/l	97
45) 1,2-Dichloropropane	7.51	63	2892	1.054	ug/l	96
46) Dibromomethane	7.66	93	1957	0.994	ug/l	92
47) Bromodichloromethane	7.89	83	3303	0.920	ug/l #	84
48) Methyl methacrylate	7.77	41	3047	1.102	ug/l	89
49) 1,4-Dioxane	7.74	88	1774	22.306	ug/l #	77
51) 4-Methyl-2-Pentanone	8.64	43	17822	4.679	ug/l	98
52) Toluene	8.78	92	7345	1.029	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	3213	0.800	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	3714	0.848	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	2978	1.014	ug/l #	88
56) Ethyl methacrylate	9.18	69	3708	0.833	ug/l	91
57) 1,3-Dichloropropane	9.37	76	4757	1.039	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	8423	3.999	ug/l	99
59) 2-Hexanone	9.49	43	13264	4.425	ug/l	95
60) Dibromochloromethane	9.58	129	2347	0.718	ug/l	92
61) 1,2-Dibromoethane	9.67	107	2843	0.895	ug/l	95
64) Tetrachloroethene	9.34	164	3537	1.141	ug/l #	87
65) Chlorobenzene	10.13	112	8694	1.115	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	10.22	131	2611	0.920	ug/l #	63
67) Ethyl Benzene	10.25	91	13747	1.039	ug/l	98
68) m/p-Xylenes	10.35	106	10074	1.969	ug/l	96
69) o-Xylene	10.69	106	5053	1.003	ug/l	97
70) Styrene	10.71	104	7569	0.896	ug/l	96
71) Bromoform	10.85	173	1835	0.756	ug/l #	93
73) Isopropylbenzene	11.01	105	12775	0.987	ug/l	97
74) N-amyl acetate	10.90	43	4557	0.930	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	4388	1.025	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	4136	1.189	ug/l	86
77) Bromobenzene	11.26	156	3990	1.107	ug/l	95
78) n-propylbenzene	11.36	91	13817	0.971	ug/l	100
79) 2-Chlorotoluene	11.42	91	8982	1.058	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	10735	1.004	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	822	0.569	ug/l #	45
82) 4-Chlorotoluene	11.51	91	10053	1.040	ug/l	99
83) tert-Butylbenzene	11.77	119	10218	0.954	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	10545	0.983	ug/l	99
85) sec-Butylbenzene	11.94	105	11780	0.937	ug/l	96
86) p-Isopropyltoluene	12.06	119	10695	0.920	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	6355	1.008	ug/l	98
88) 1,4-Dichlorobenzene	12.02	146	6355	0.989	ug/l	96
89) n-Butylbenzene	12.38	91	8851	0.894	ug/l	98
90) Hexachloroethane	12.59	117	1696	0.860	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	6183	0.986	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	875	0.944	ug/l	80

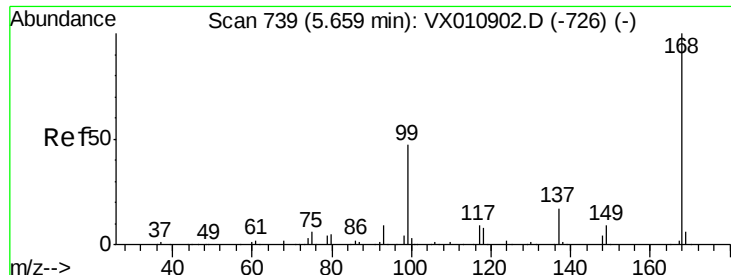
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
Data File : VX010899.D
Acq On : 16 Jul 2019 09:43
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jul 17 04:08:14 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)
93) 1,2,4-Trichlorobenzene	13.64	180	3945	0.911	ug/l	95
94) Hexachlorobutadiene	13.78	225	2129	1.007	ug/l	95
95) Naphthalene	13.83	128	10725	0.811	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	4098	0.954	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

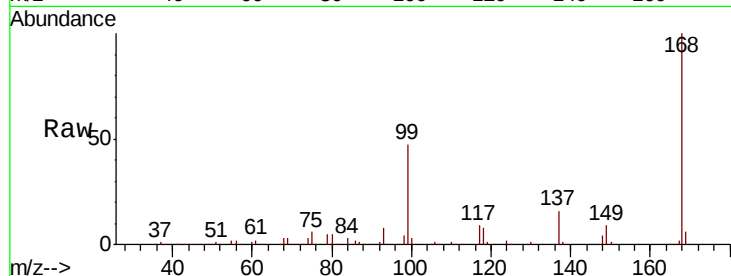
VSTDIC001

Tot Ion:168 Resp: 295349

Ion Ratio Lower Upper

168 100

99 47.3 37.6 56.4

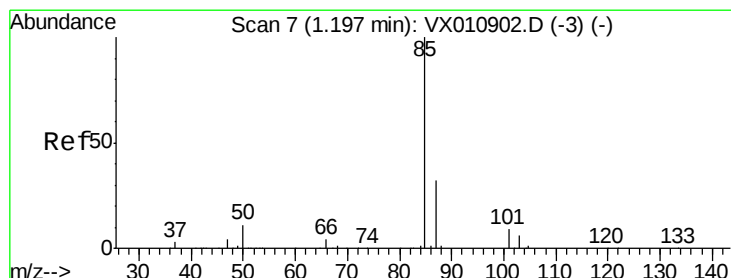
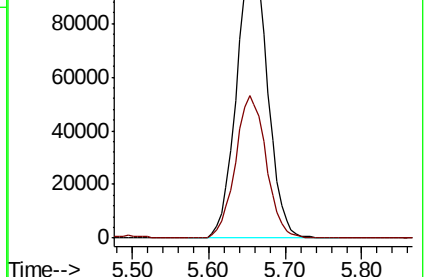
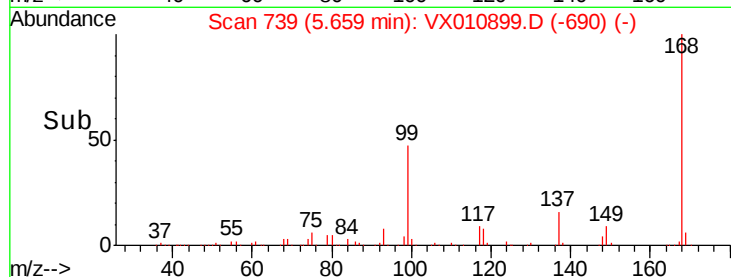


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 0.895 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010899.D

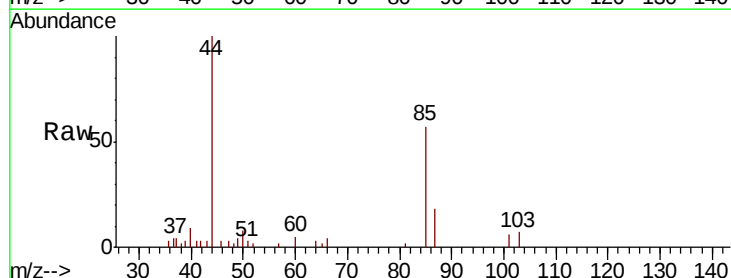
Acq: 16 Jul 2019 09:43

Tgt Ion: 85 Resp: 2011

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7

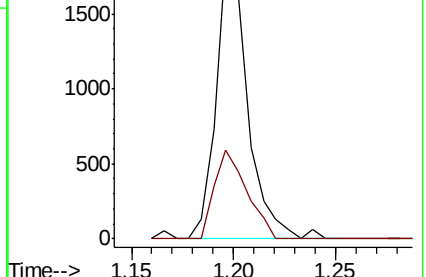
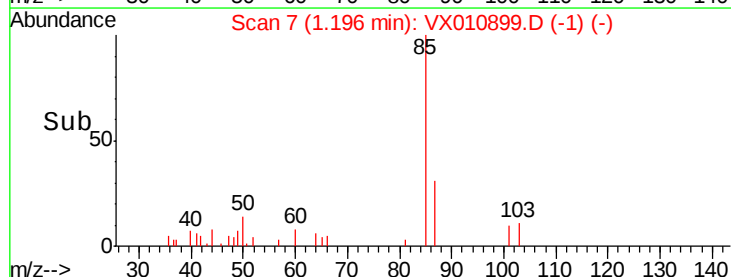


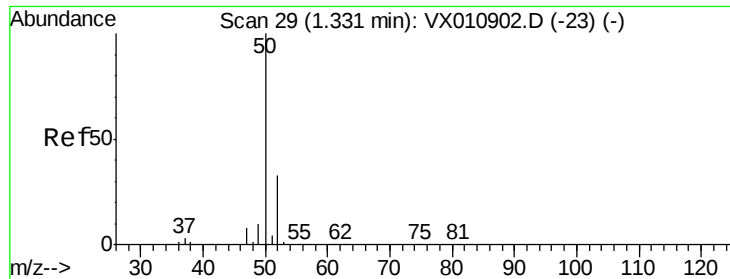
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 1.180 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampled :

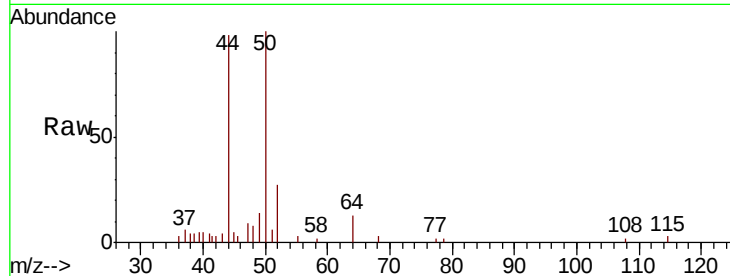
VSTDIC001

Tot Ion: 50 Resp: 2902

Ion Ratio Lower Upper

50 100

52 26.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

2500

2000

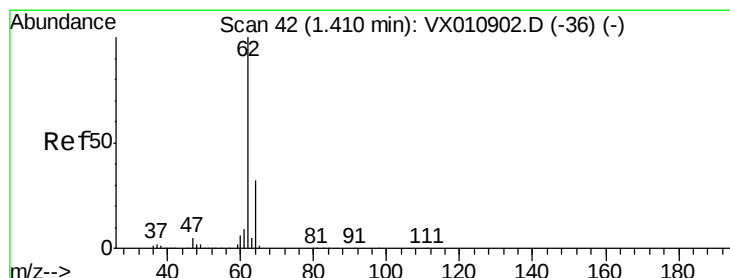
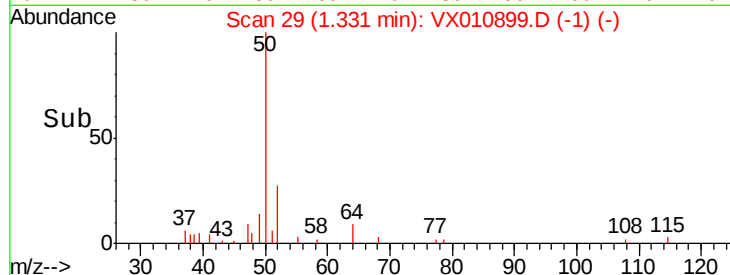
1500

1000

500

0

Time-->



#4

Vinyl Chloride

Concen: 0.946 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010899.D

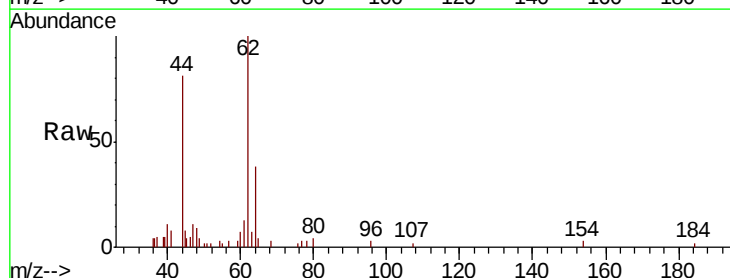
Acq: 16 Jul 2019 09:43

Tgt Ion: 62 Resp: 2543

Ion Ratio Lower Upper

62 100

64 30.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

2500

2000

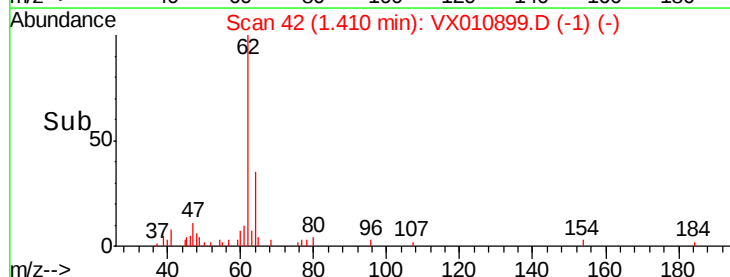
1500

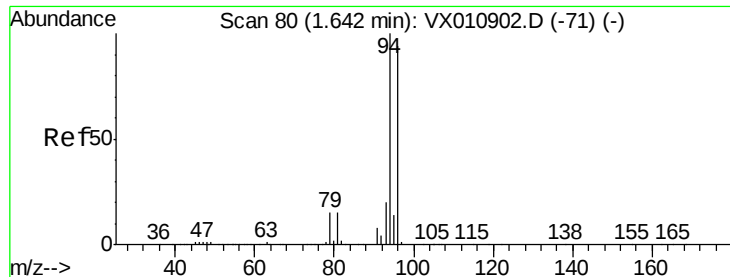
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.661 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

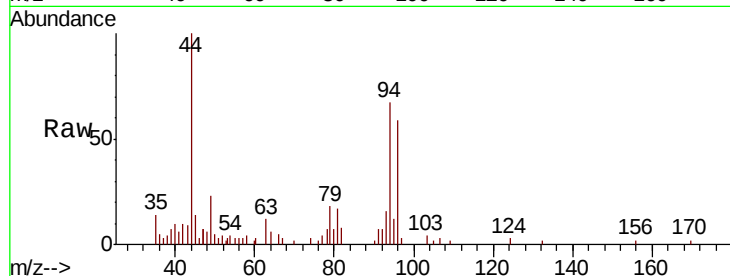
VSTDIC001

Tot Ion: 94 Resp: 2211

Ion Ratio Lower Upper

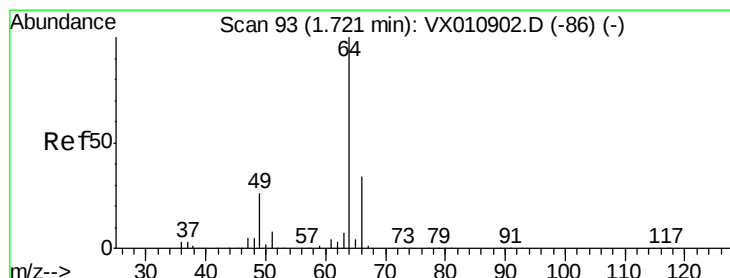
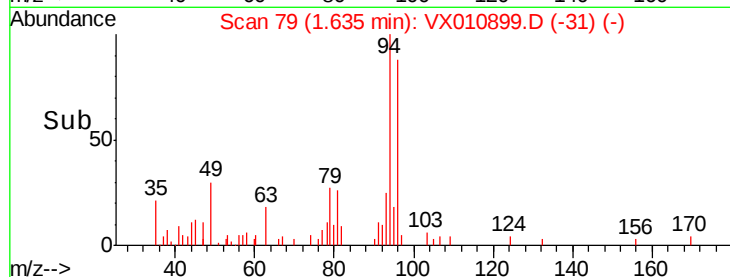
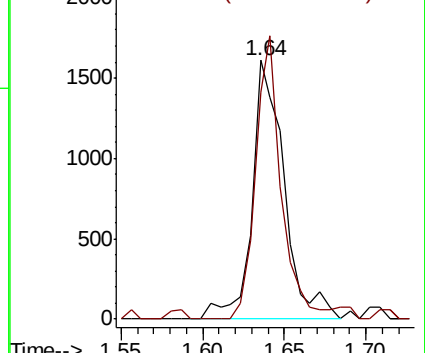
94 100

96 87.7 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: 1.185 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010899.D

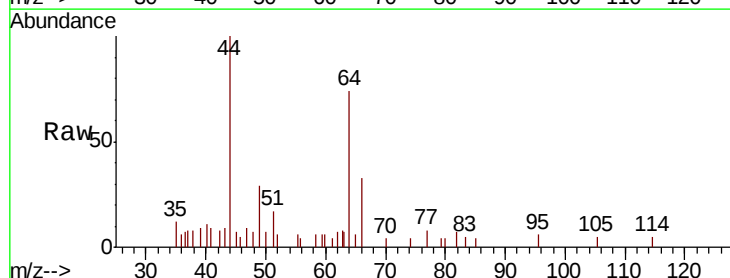
Acq: 16 Jul 2019 09:43

Tgt Ion: 64 Resp: 1894

Ion Ratio Lower Upper

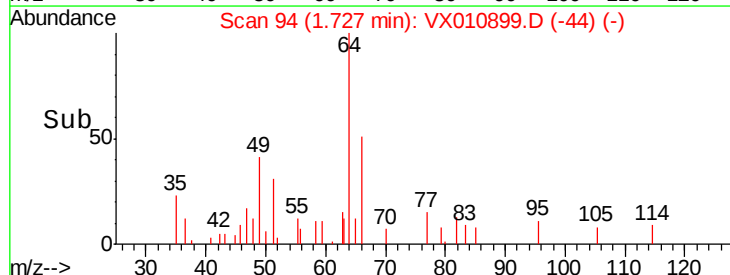
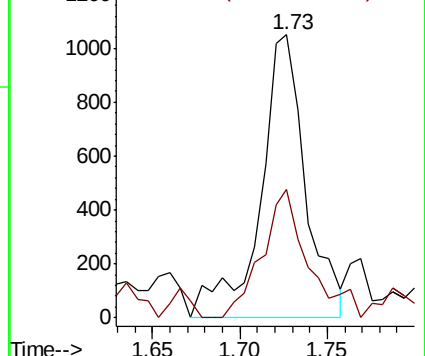
64 100

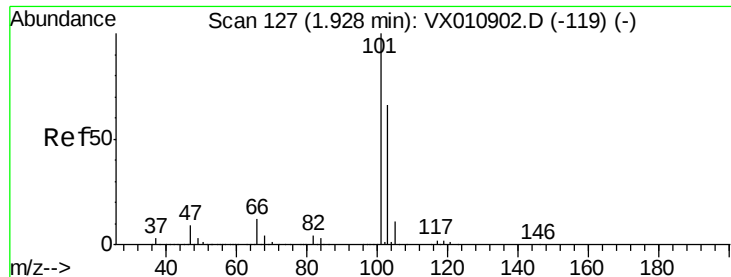
66 39.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



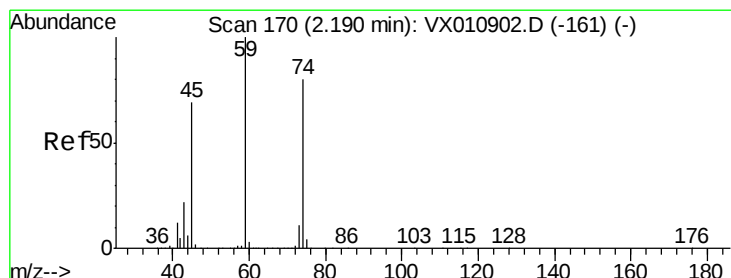
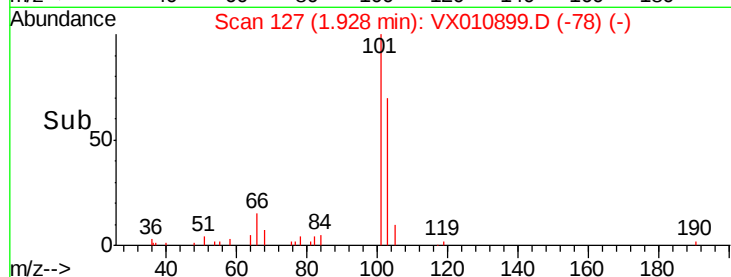
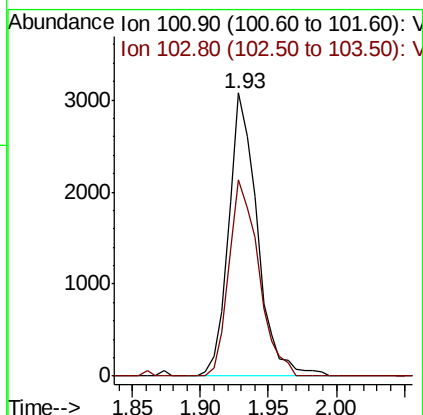
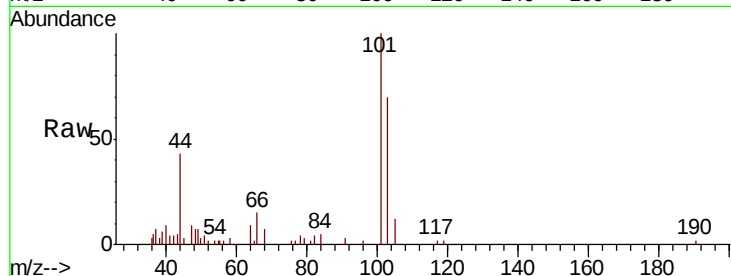


#7

Trichlorofluoromethane
Concen: 1.059 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

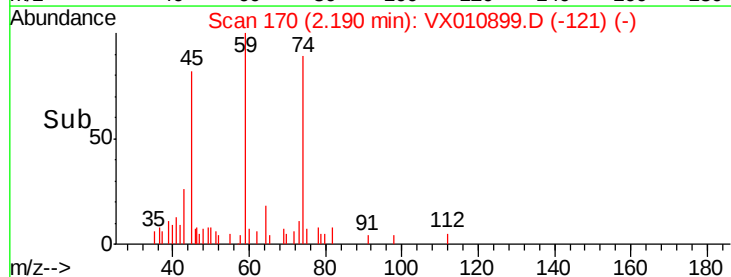
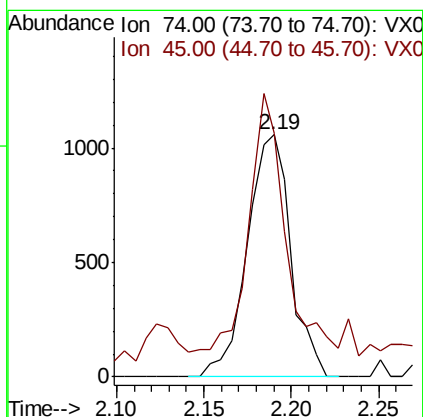
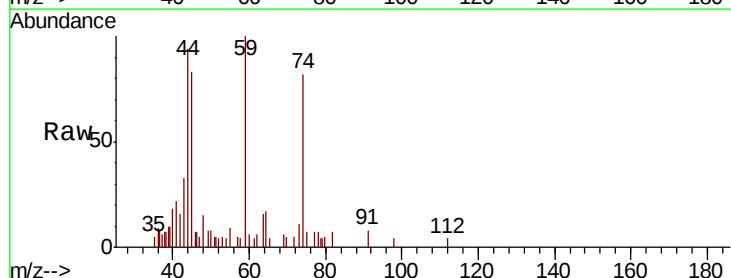
Tot Ion:101 Resp: 4511
Ion Ratio Lower Upper
101 100
103 69.6 52.6 78.8



#8

Diethyl Ether
Concen: 1.210 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 74 Resp: 1823
Ion Ratio Lower Upper
74 100
45 84.4 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.114 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

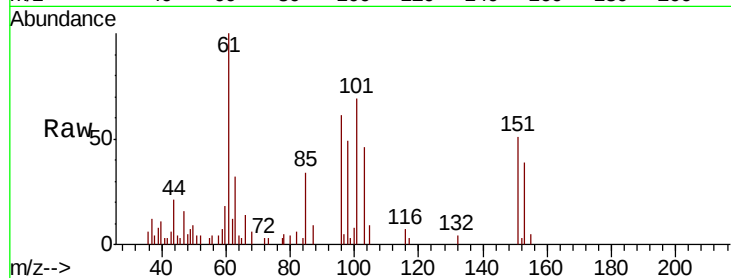
Tot Ion:101 Resp: 2843

Ion Ratio Lower Upper

101 100

85 47.8 34.6 52.0

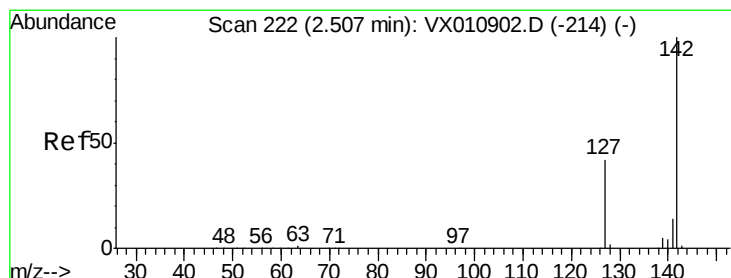
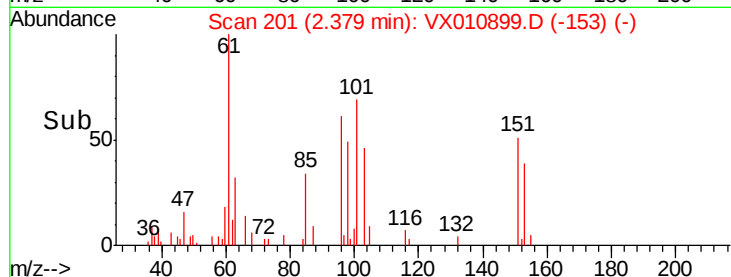
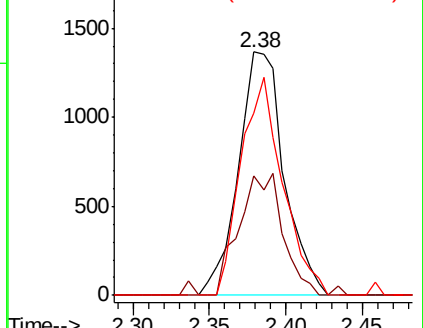
151 82.0 69.6 104.4



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: 0.724 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

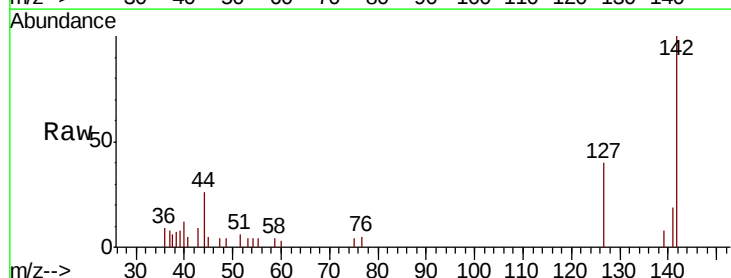
Tgt Ion:142 Resp: 2599

Ion Ratio Lower Upper

142 100

127 42.4 34.2 51.4

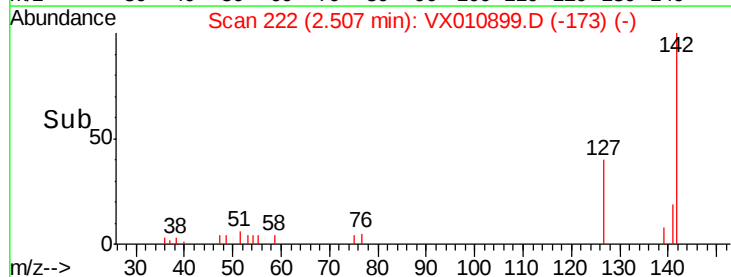
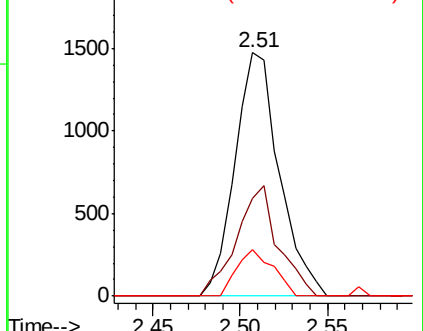
141 15.4 11.7 17.5



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

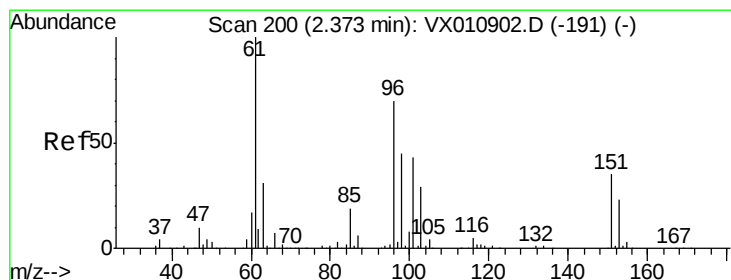
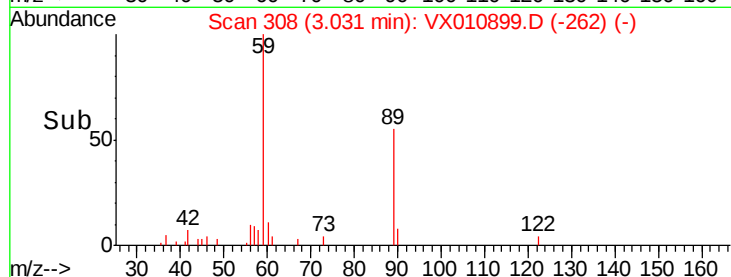
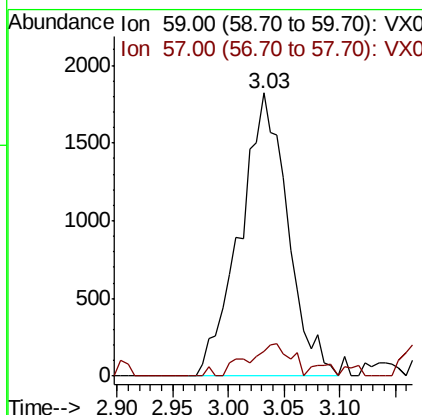
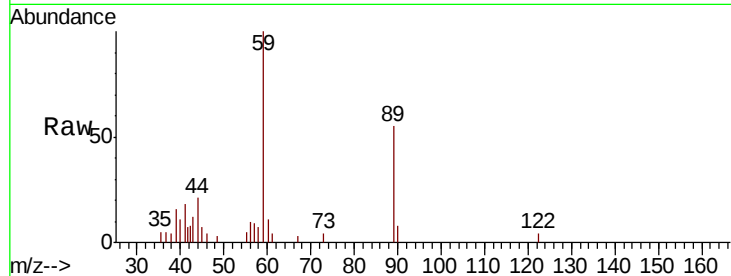




#11
Tert butyl alcohol
Concen: 7.529 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

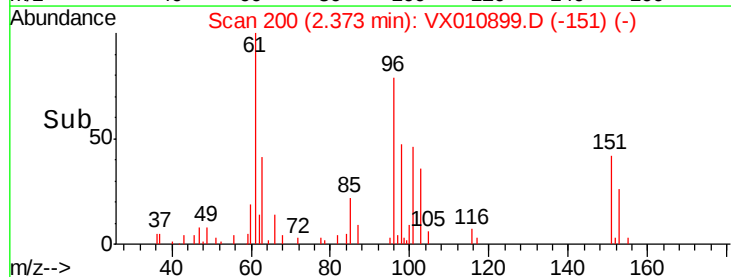
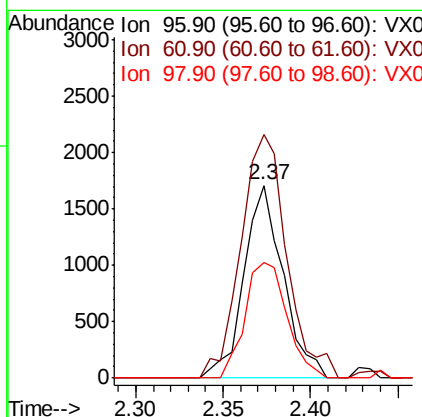
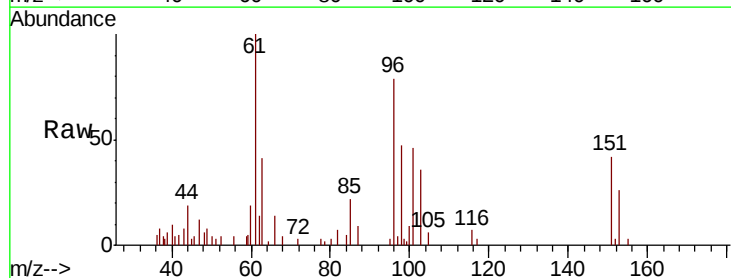
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

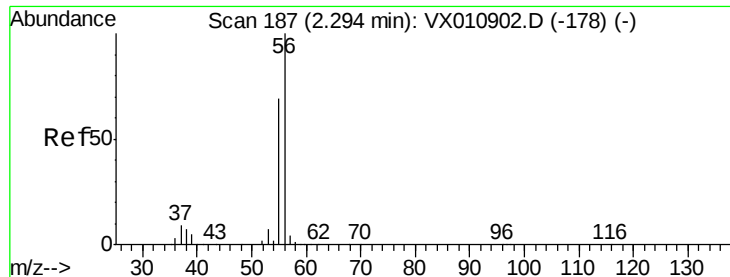
Tot Ion: 59 Resp: 5447
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 1.028 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 96 Resp: 2658
Ion Ratio Lower Upper
96 100
61 126.3 115.0 172.4
98 59.9 52.2 78.2





#13

Acrolein

Concen: 5.516 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

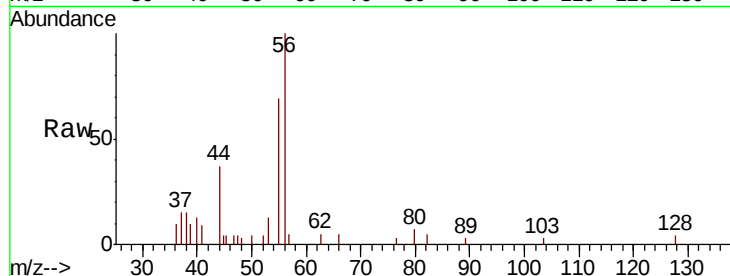
VSTDIC001

Tot Ion: 56 Resp: 2606

Ion Ratio Lower Upper

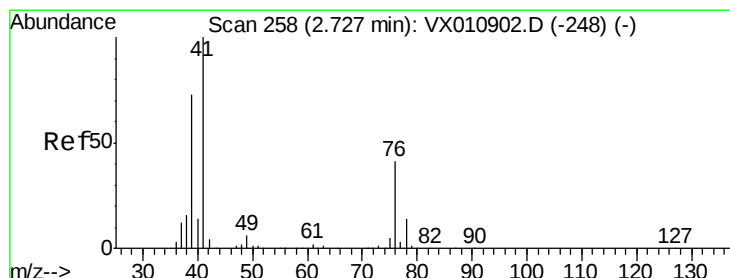
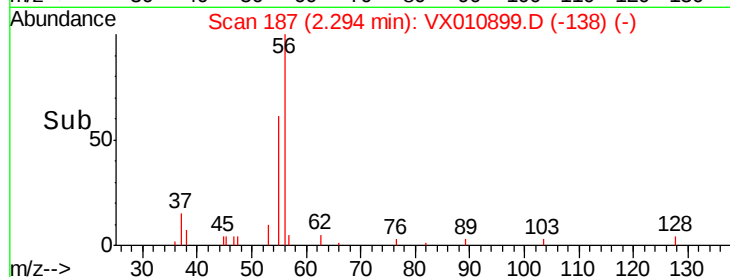
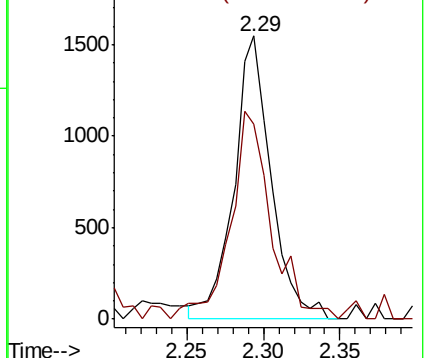
56 100

55 80.6 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: 0.996 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

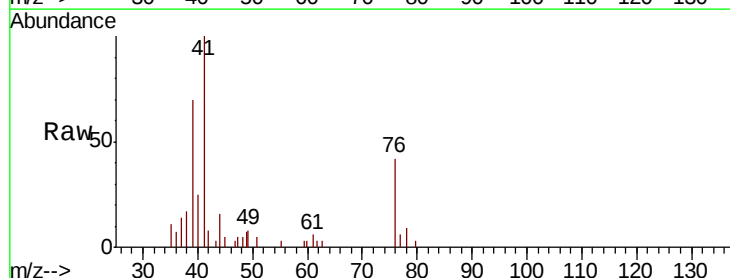
Tgt Ion: 41 Resp: 3646

Ion Ratio Lower Upper

41 100

39 81.6 53.6 80.4#

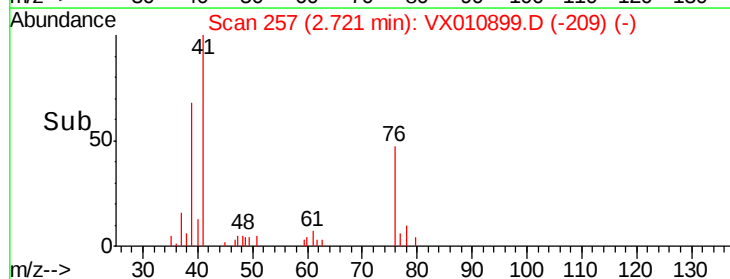
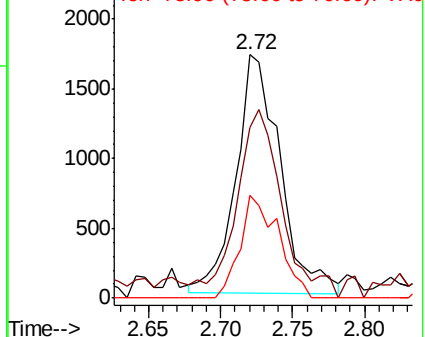
76 37.3 29.7 44.5

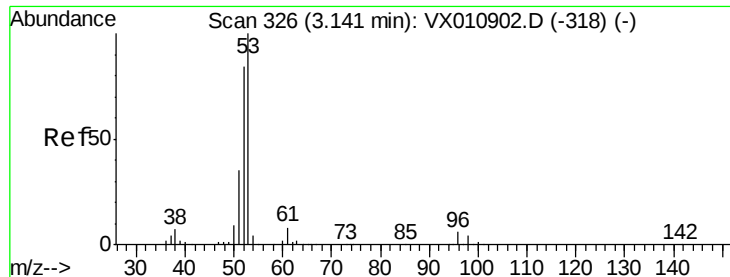


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 5.459 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

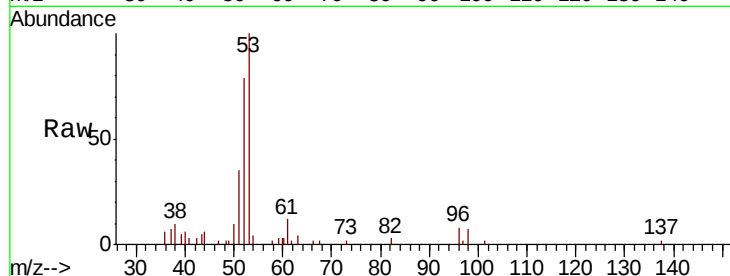
Tot Ion: 53 Resp: 7844

Ion Ratio Lower Upper

53 100

52 79.6 66.5 99.7

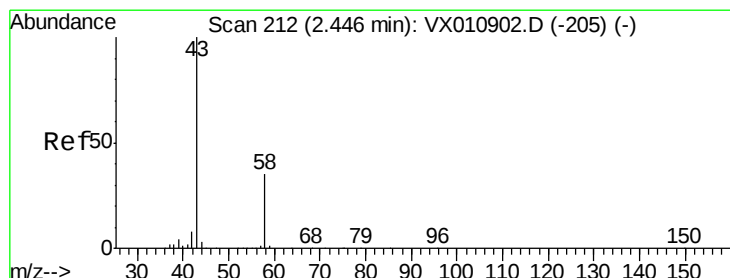
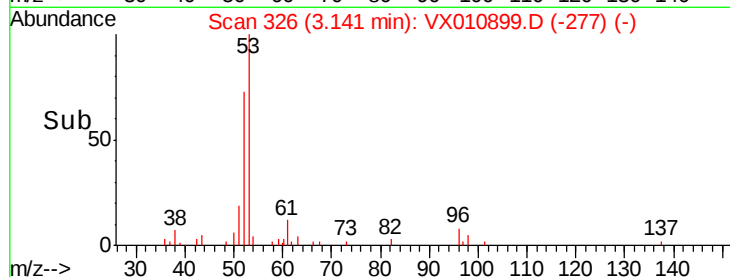
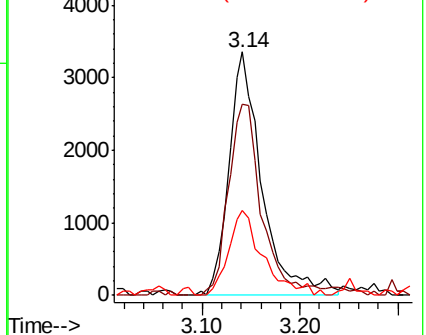
51 36.2 28.2 42.4



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: 5.397 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010899.D

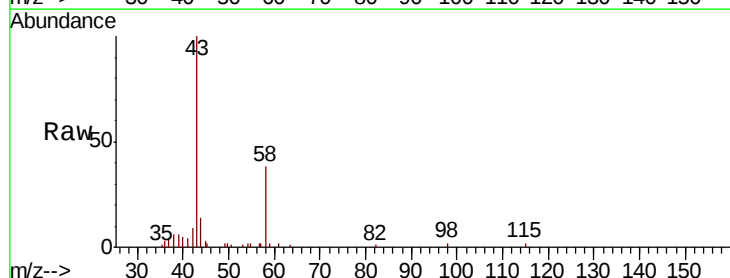
Acq: 16 Jul 2019 09:43

Tgt Ion: 43 Resp: 7443

Ion Ratio Lower Upper

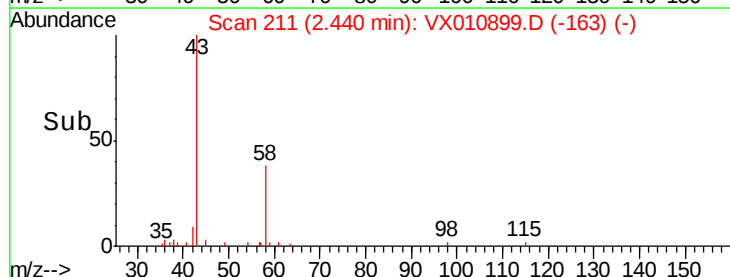
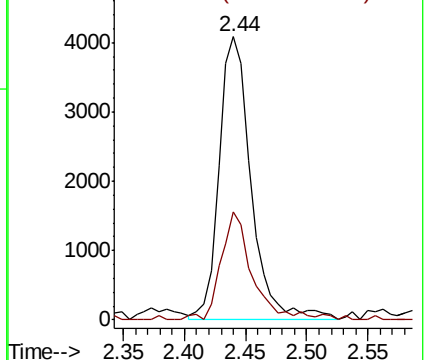
43 100

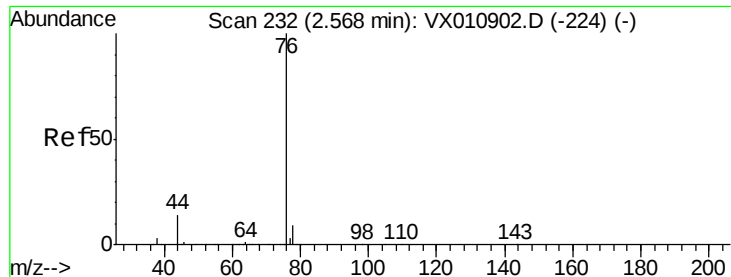
58 38.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

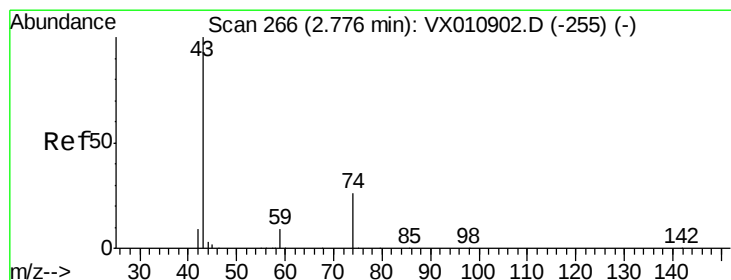
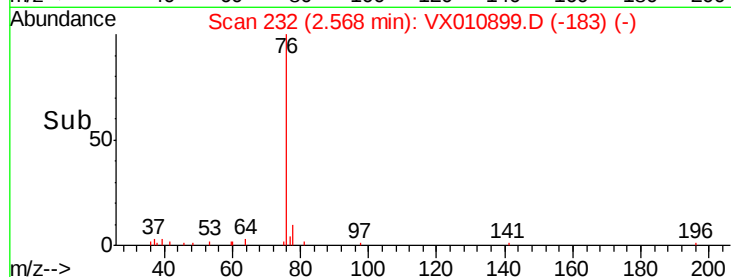
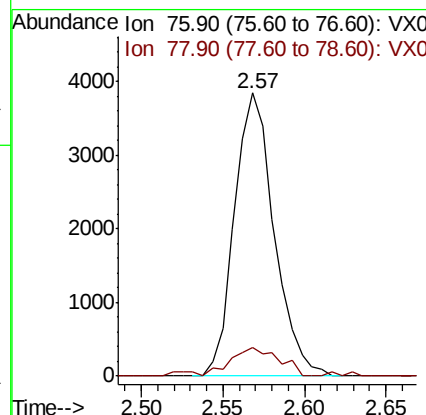
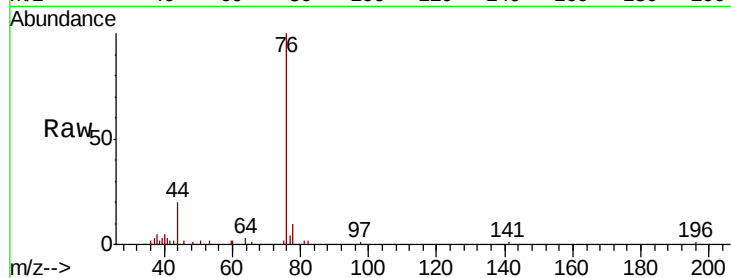




#17
Carbon Disulfide
Concen: 0.944 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

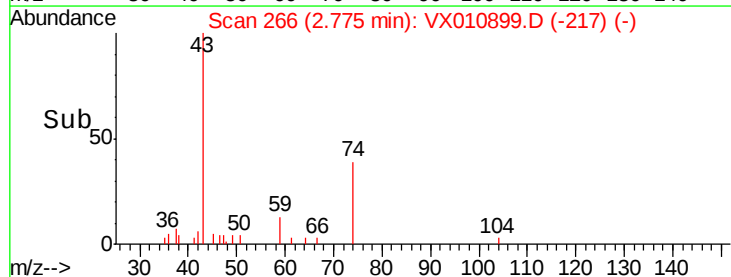
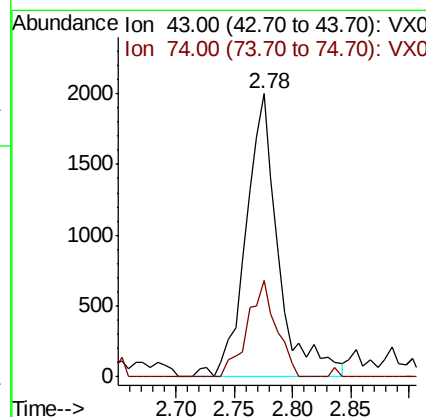
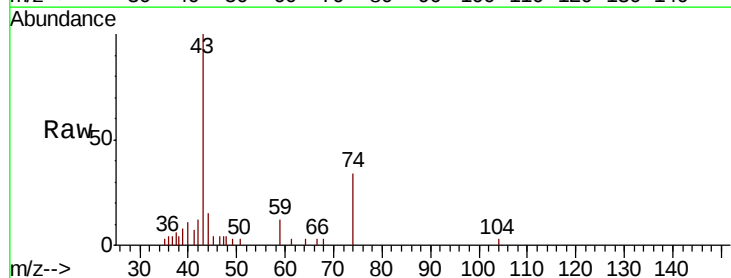
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

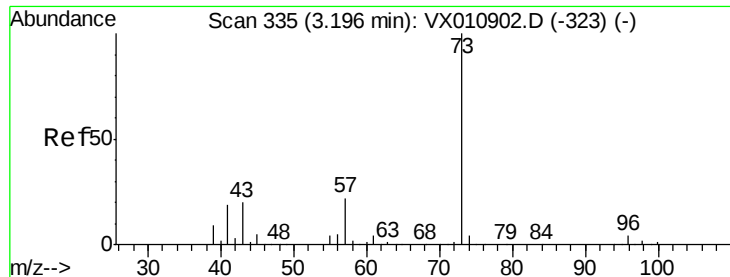
Tot Ion: 76 Resp: 6509
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#18
Methyl Acetate
Concen: 1.390 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 43 Resp: 3905
Ion Ratio Lower Upper
43 100
74 30.1 21.5 32.3



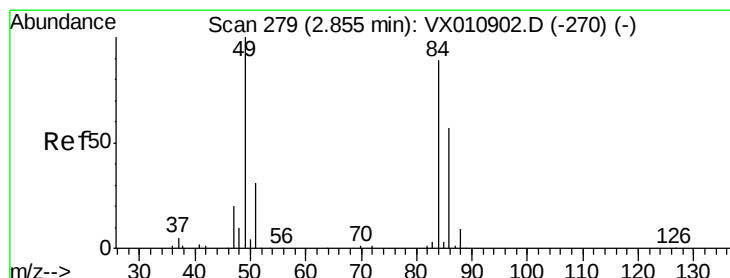
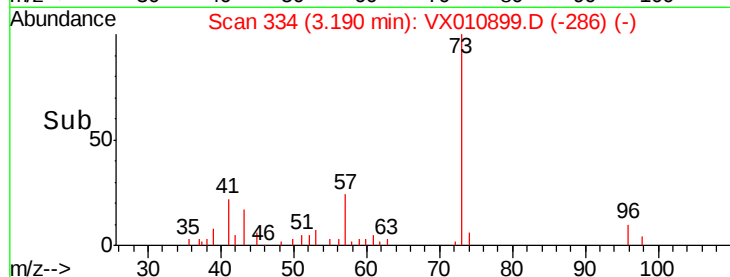
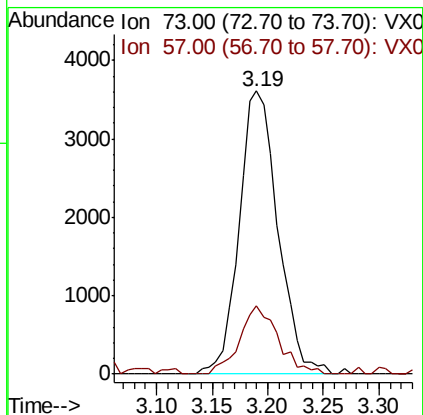
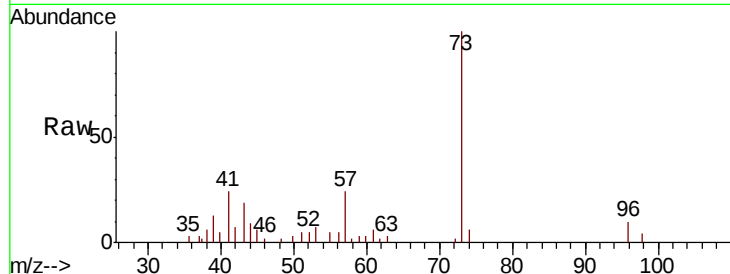


#19

Methyl tert-butyl Ether
 Concen: 1.079 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

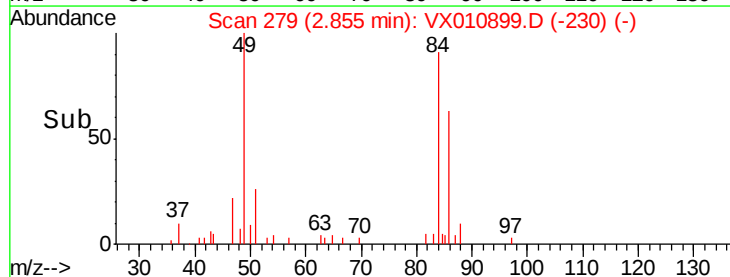
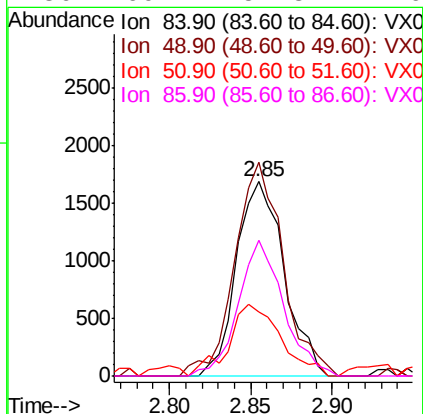
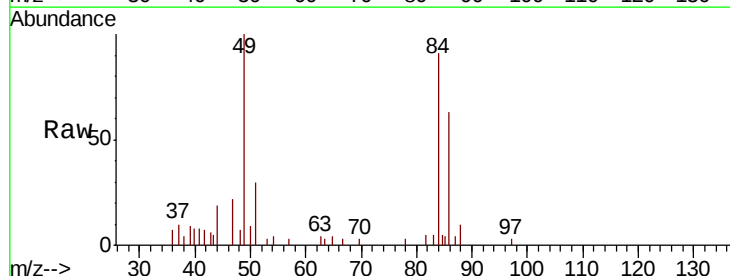
Tot Ion: 73 Resp: 8743
 Ion Ratio Lower Upper
 73 100
 57 24.2 17.3 25.9

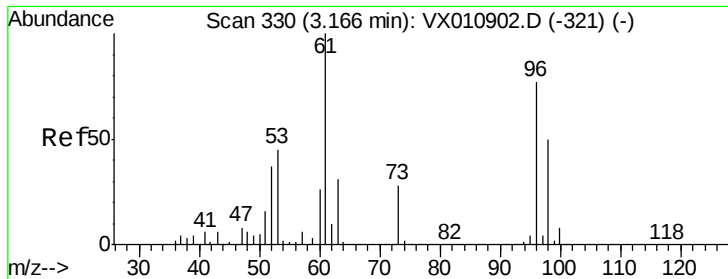


#20

Methylene Chloride
 Concen: 1.193 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion: 84 Resp: 3428
 Ion Ratio Lower Upper
 84 100
 49 109.8 89.9 134.9
 51 32.7 27.8 41.6
 86 69.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 1.073 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

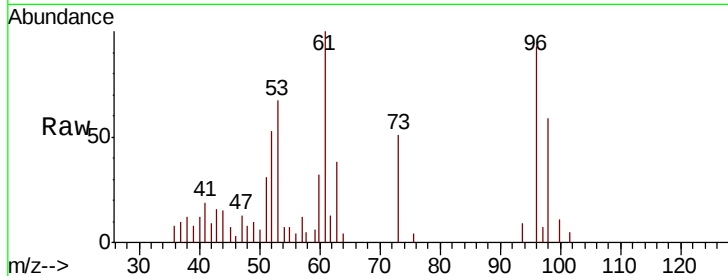
Tot Ion: 96 Resp: 2970

Ion Ratio Lower Upper

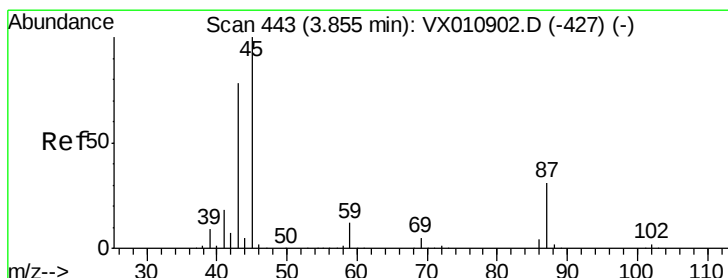
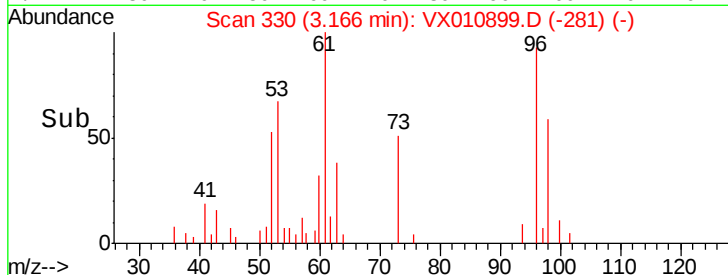
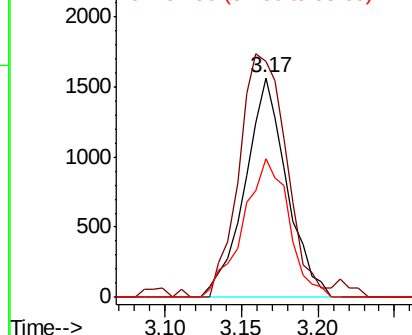
96 100

61 107.2 104.2 156.2

98 63.0 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: 1.086 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Tgt Ion: 45 Resp: 8326

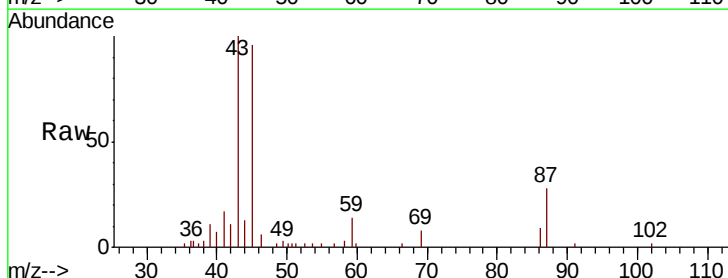
Ion Ratio Lower Upper

45 100

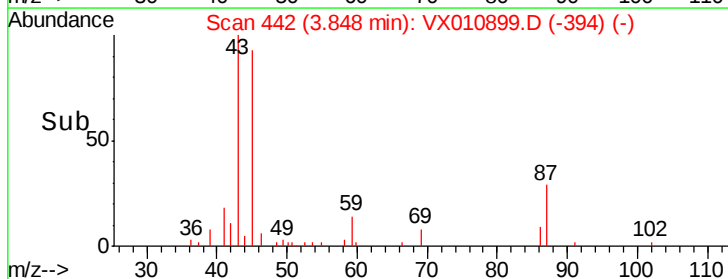
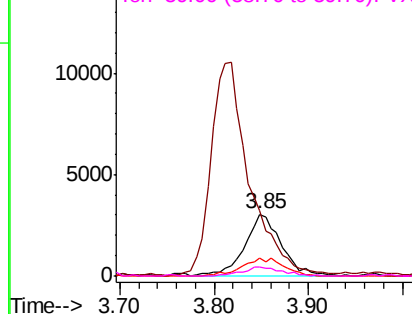
43 100.2 62.3 93.5#

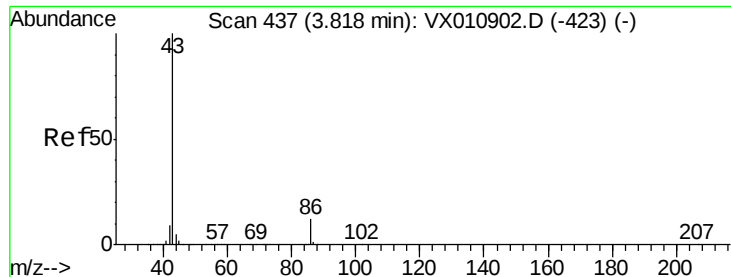
87 29.0 25.0 37.4

59 14.6 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: 4.547 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

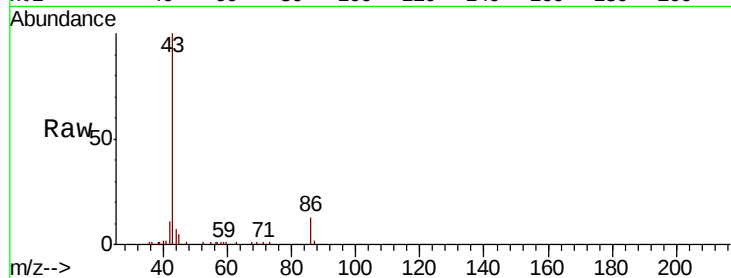
VSTDIC001

Tot Ion: 43 Resp: 30067

Ion Ratio Lower Upper

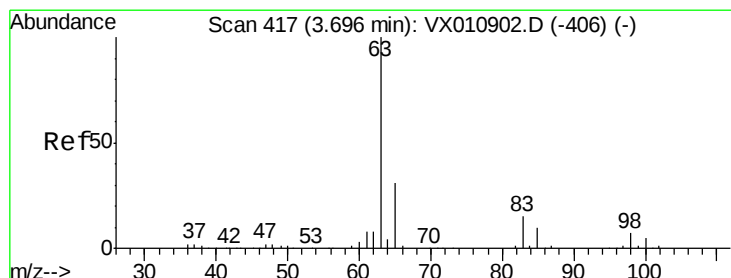
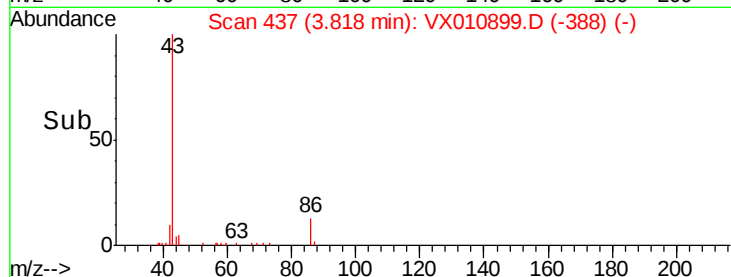
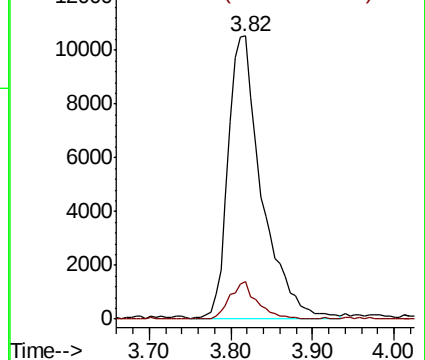
43 100

86 13.2 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: 1.132 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

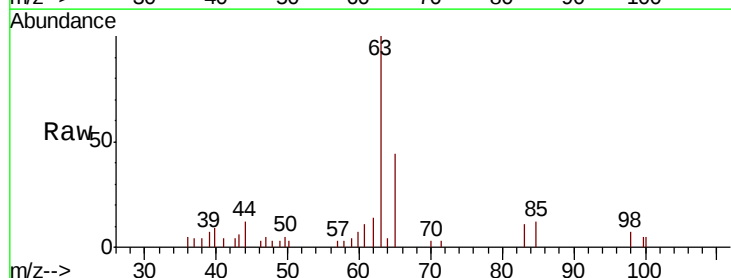
Tgt Ion: 63 Resp: 5006

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

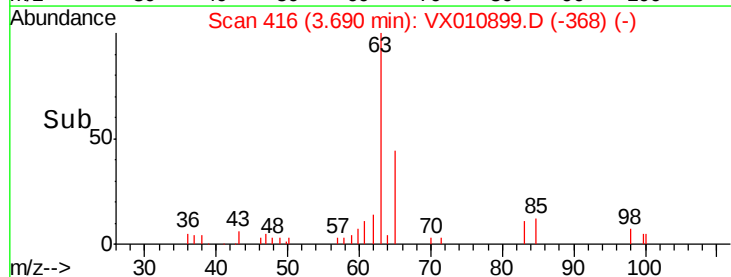
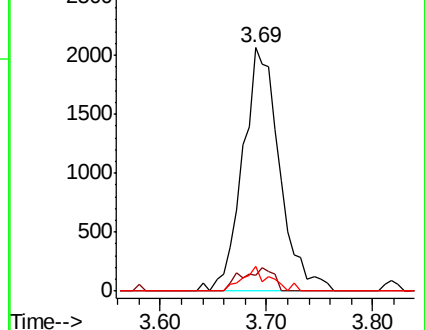
100 10.4 2.4 7.2#

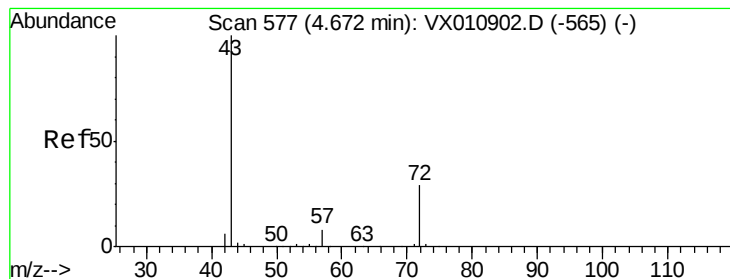


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 4.625 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

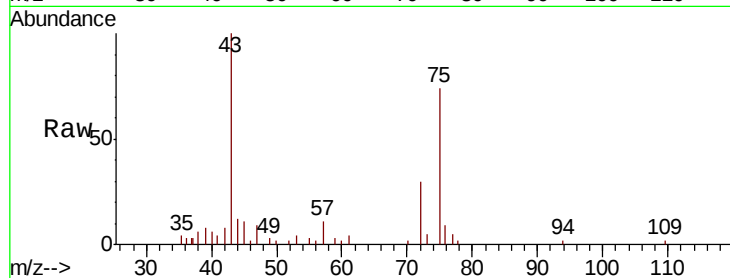
VSTDIC001

Tot Ion: 43 Resp: 9390

Ion Ratio Lower Upper

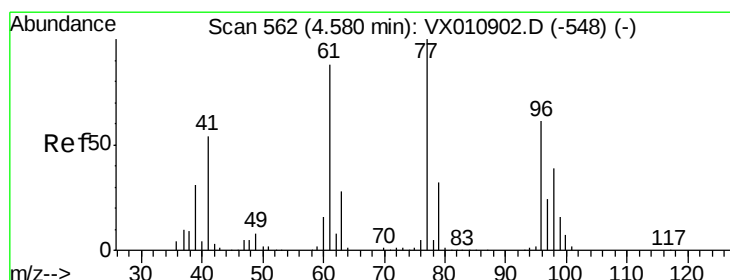
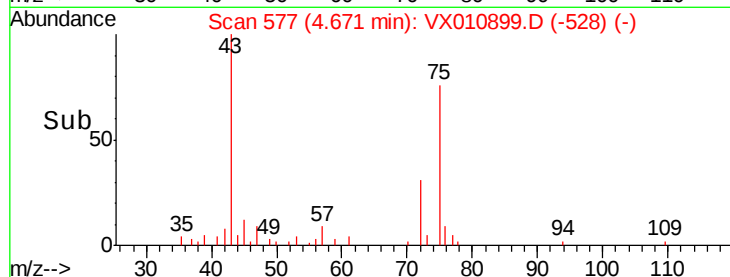
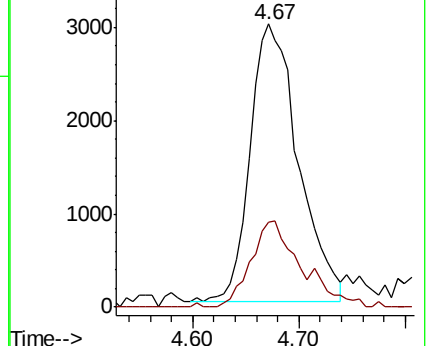
43 100

72 30.7 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: 1.048 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010899.D

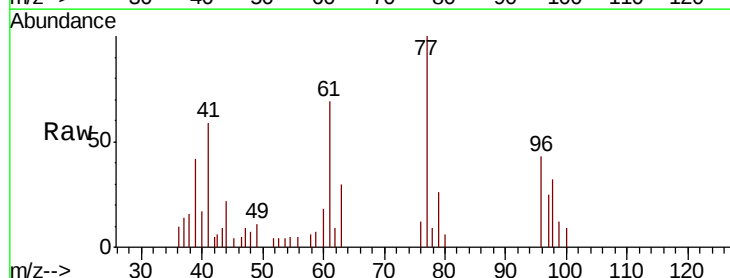
Acq: 16 Jul 2019 09:43

Tgt Ion: 77 Resp: 4010

Ion Ratio Lower Upper

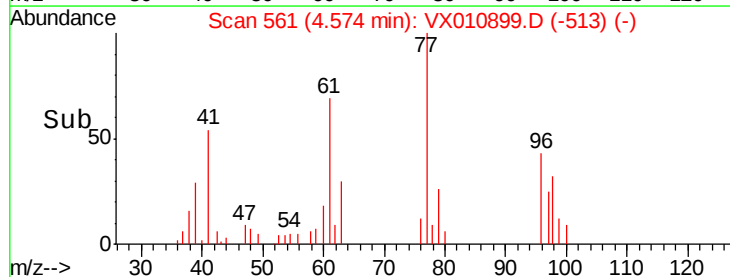
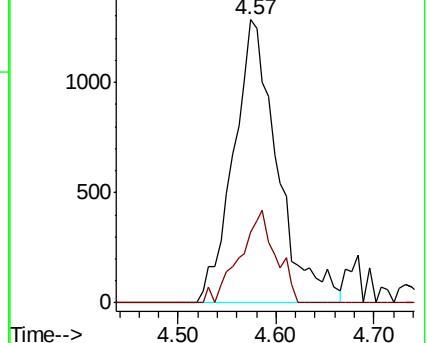
77 100

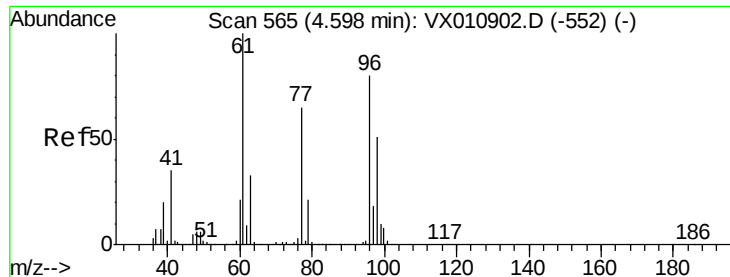
97 27.0 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



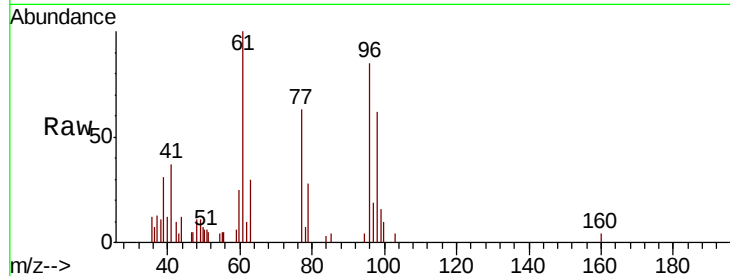


#27

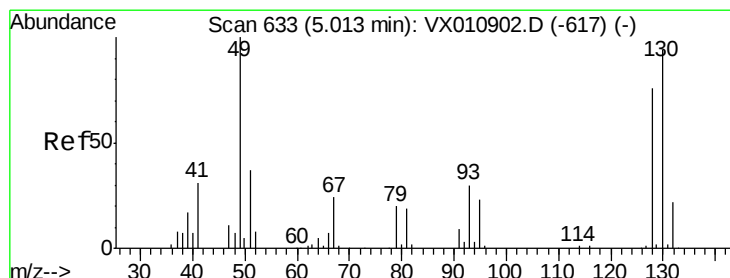
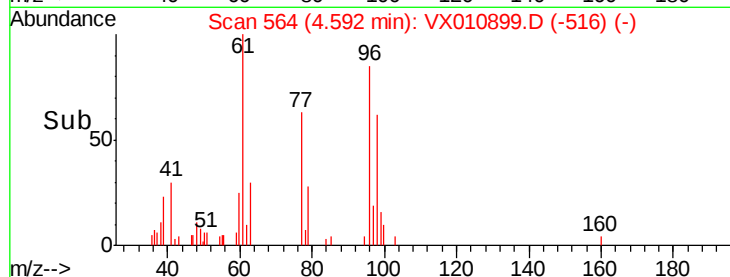
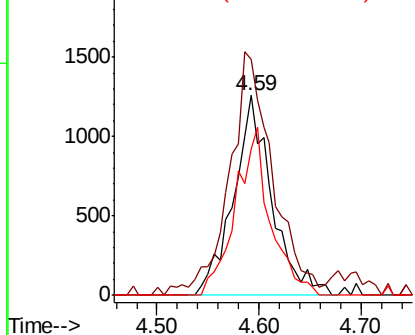
cis-1,2-Dichloroethene
Concen: 1.035 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 96 Resp: 3289
Ion Ratio Lower Upper
96 100
61 137.9 0.0 269.0
98 76.5 0.0 131.4



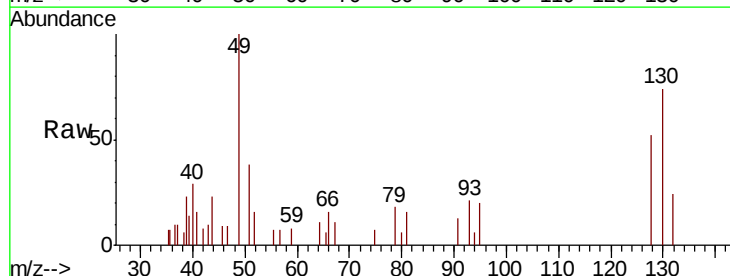
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



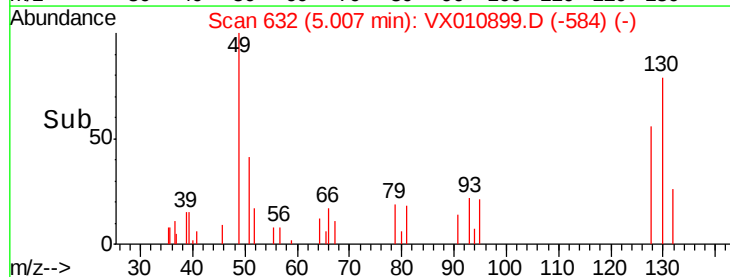
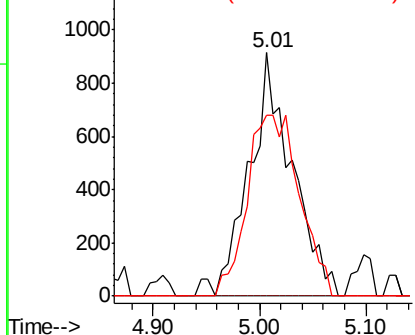
#28

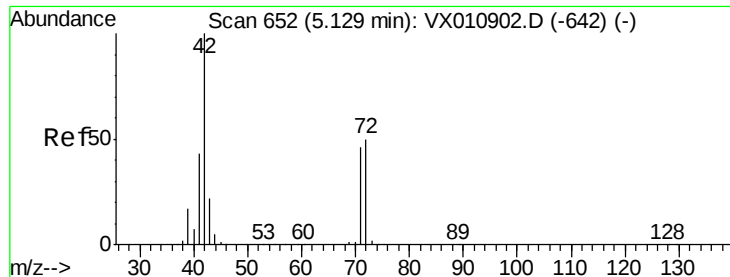
Bromochloromethane
Concen: 1.226 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 49 Resp: 2590
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 90.5 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

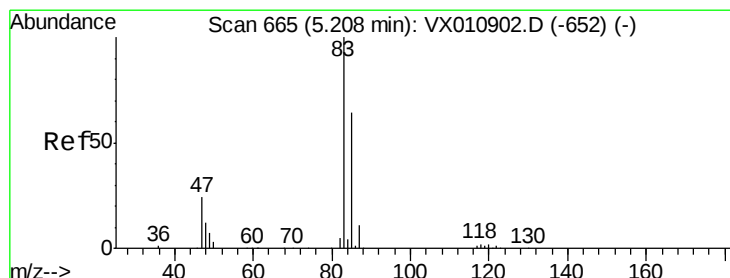
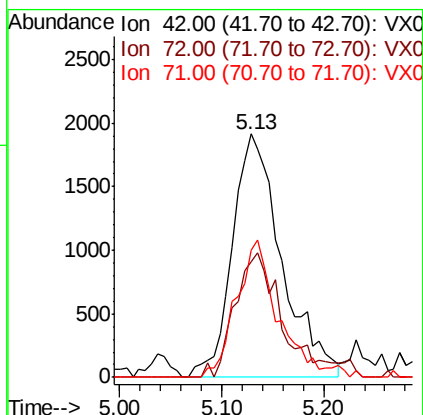
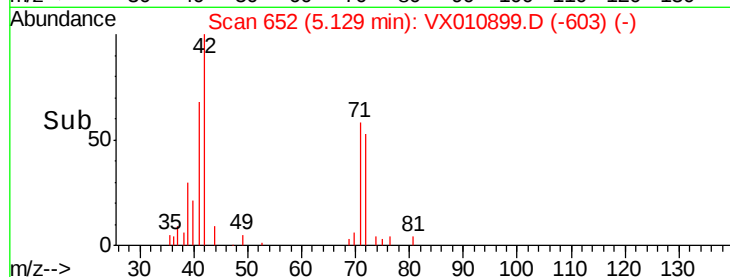
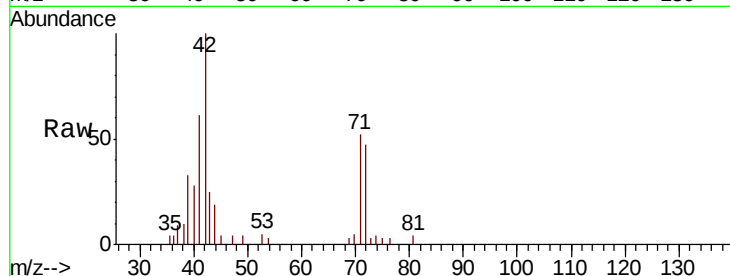




#29
Tetrahydrofuran
Concen: 5.094 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

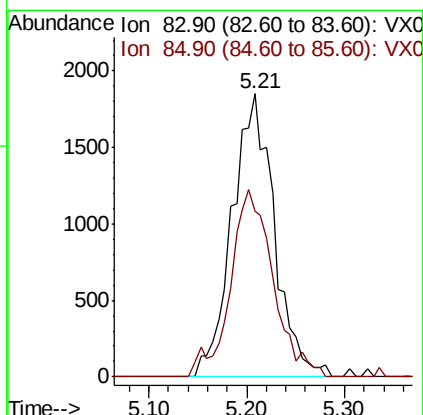
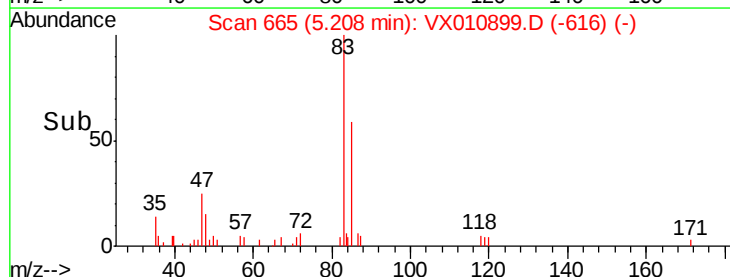
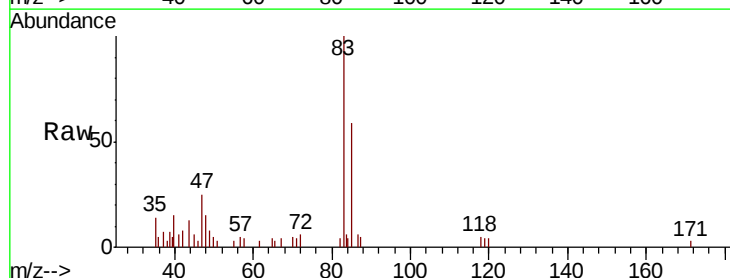
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

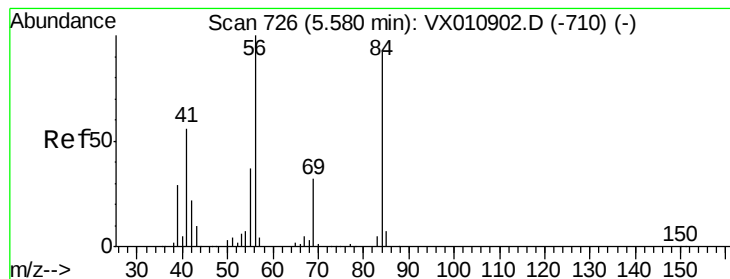
Tot Ion: 42 Resp: 6439
Ion Ratio Lower Upper
42 100
72 48.6 39.8 59.8
71 47.8 37.0 55.4



#30
Chloroform
Concen: 1.160 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 83 Resp: 5529
Ion Ratio Lower Upper
83 100
85 58.5 51.4 77.0





#31

Cyclohexane

Concen: 1.011 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

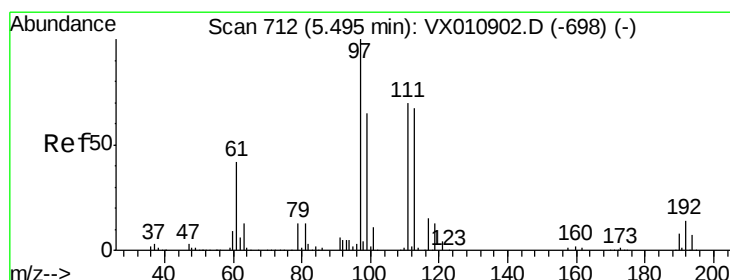
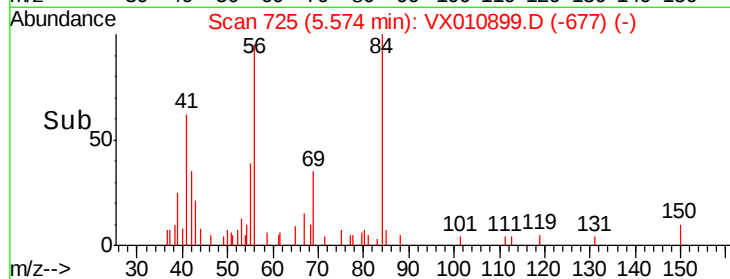
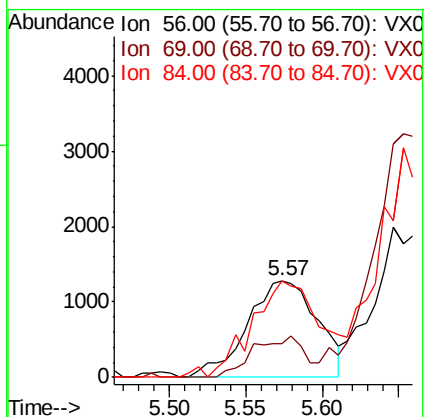
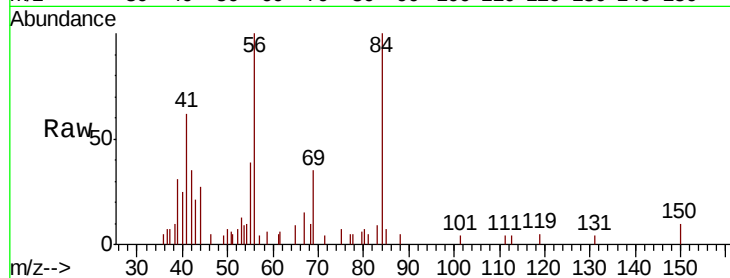
Tot Ion: 56 Resp: 4084

Ion Ratio Lower Upper

56 100

69 34.6 25.8 38.8

84 95.9 73.8 110.6



#32

1,1,1-Trichloroethane

Concen: 1.053 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

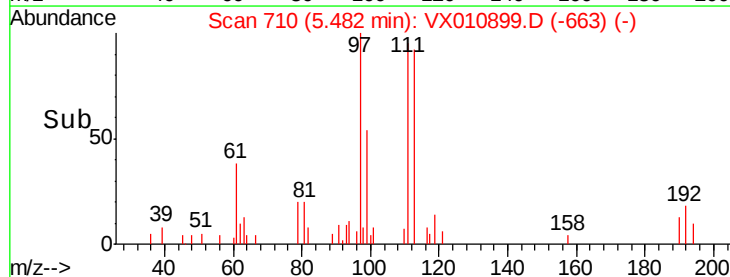
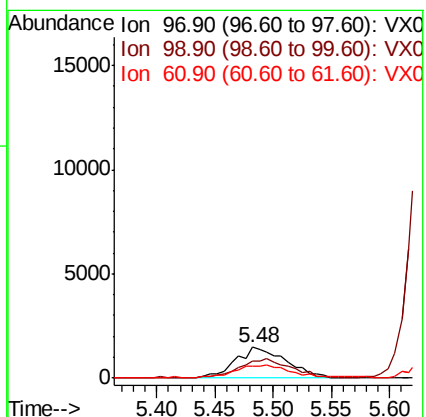
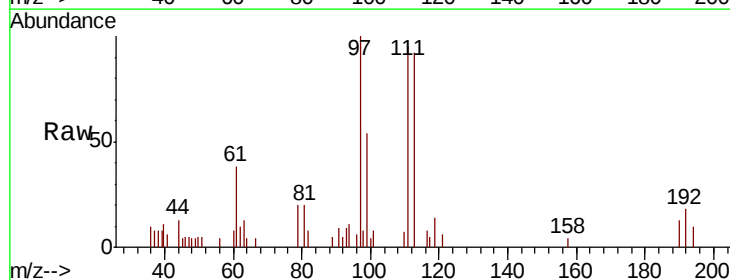
Tgt Ion: 97 Resp: 4430

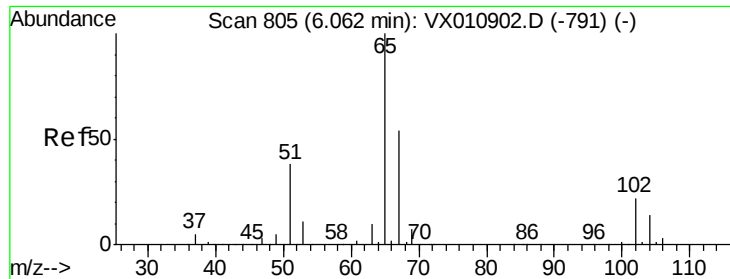
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 46.7 33.0 49.6

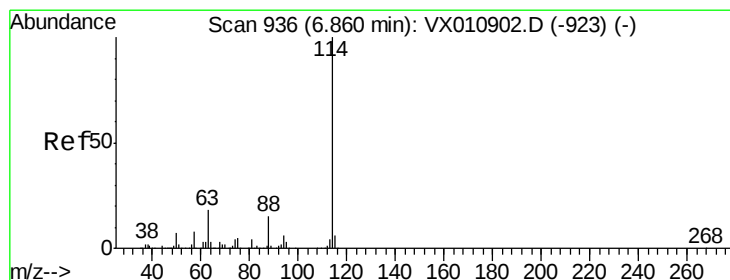
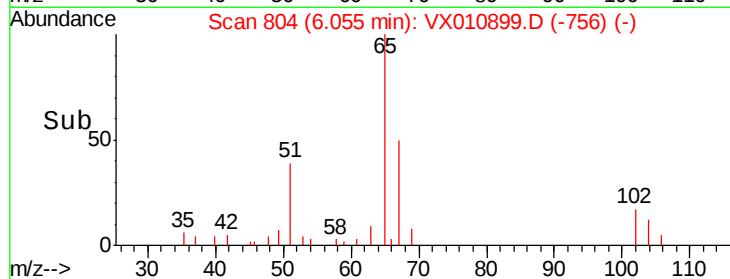
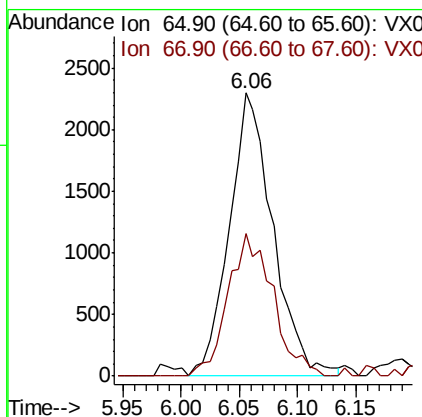
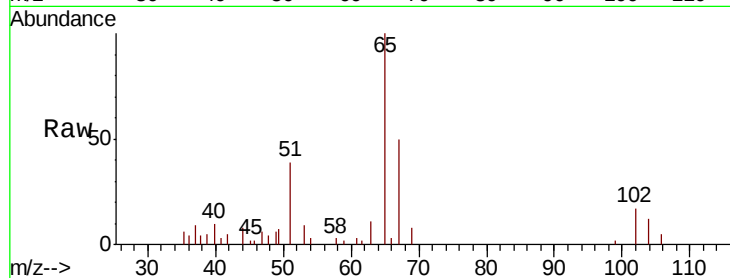




#33
 1,2-Dichloroethane-d4
 Concen: 2.121 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

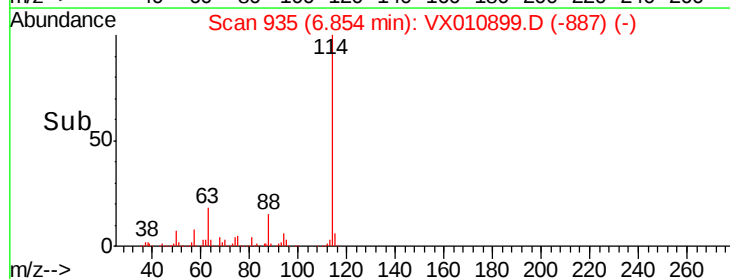
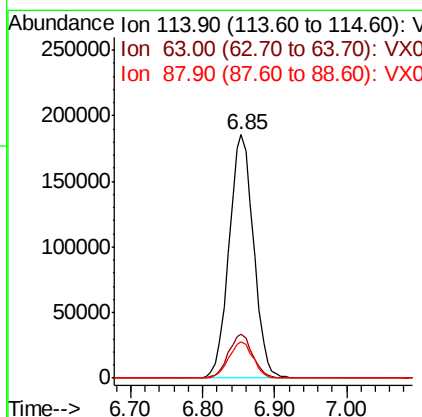
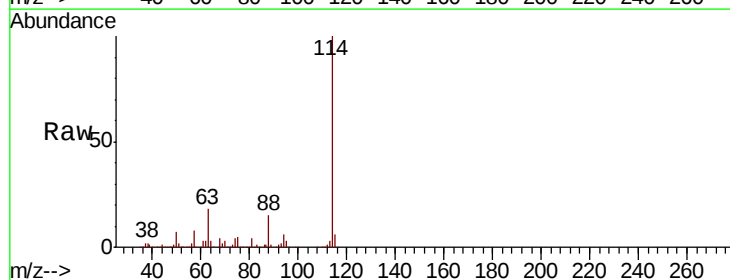
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

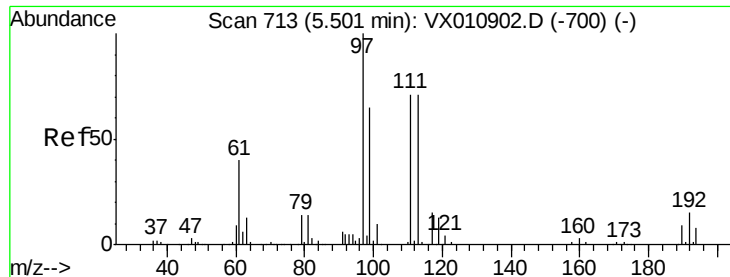
Tot Ion: 65 Resp: 5986
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion: 114 Resp: 437898
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.9 0.0 29.8

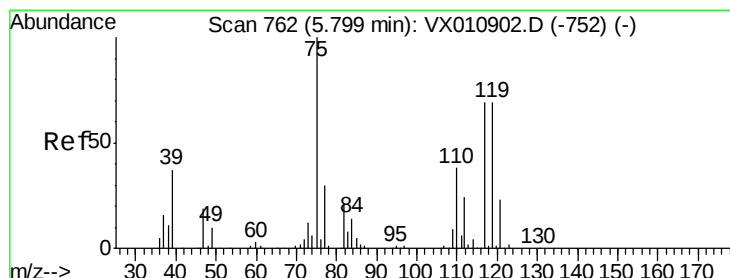
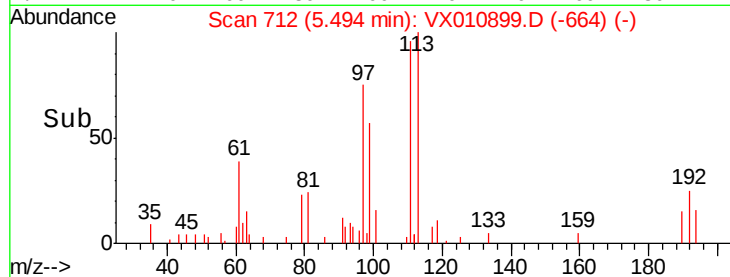
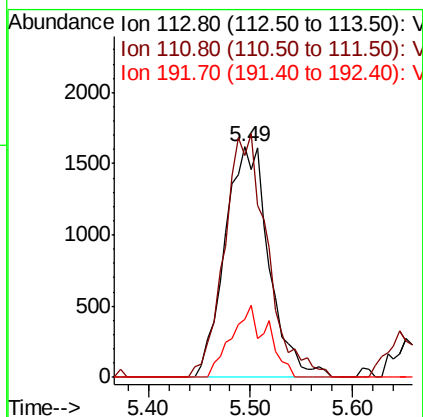
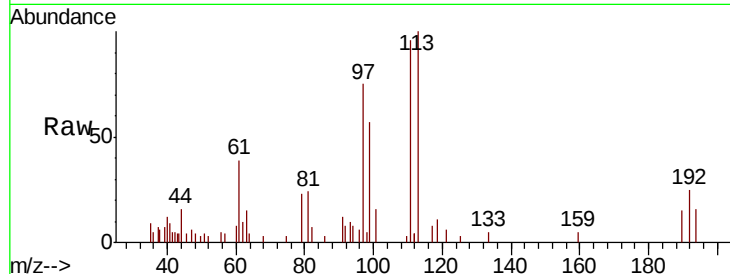




#35
 Dibromofluoromethane
 Concen: 1.816 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

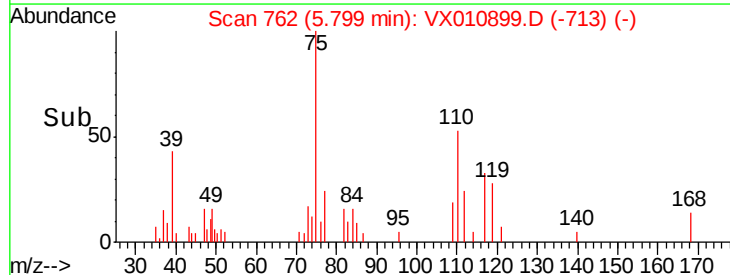
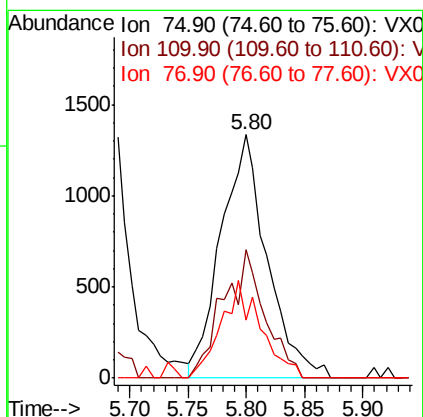
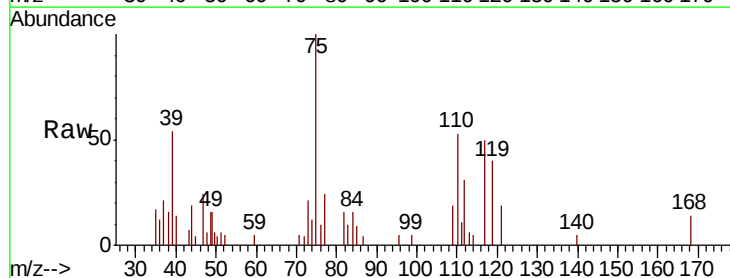
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

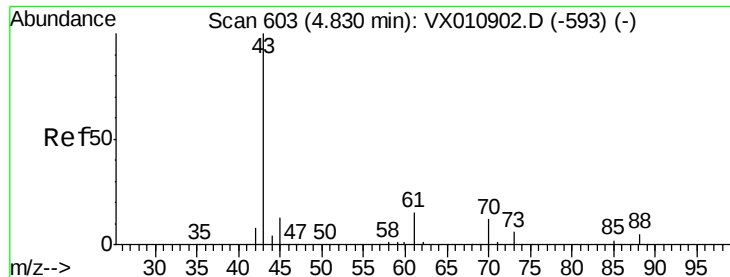
Tot Ion:113 Resp: 4873
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 25.7 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 1.044 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion: 75 Resp: 3662
 Ion Ratio Lower Upper
 75 100
 110 47.7 19.9 59.7
 77 34.4 25.0 37.4

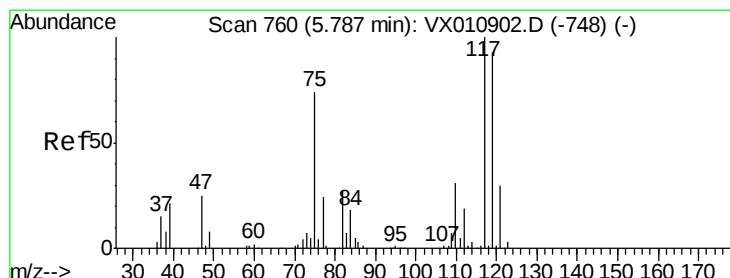
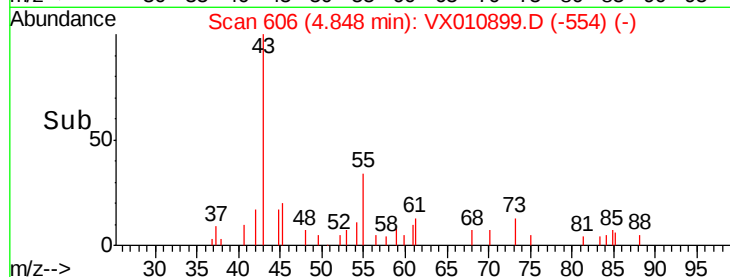
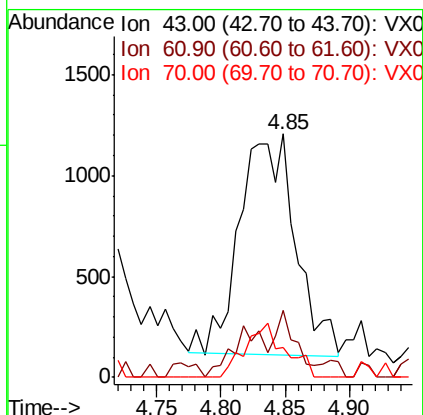
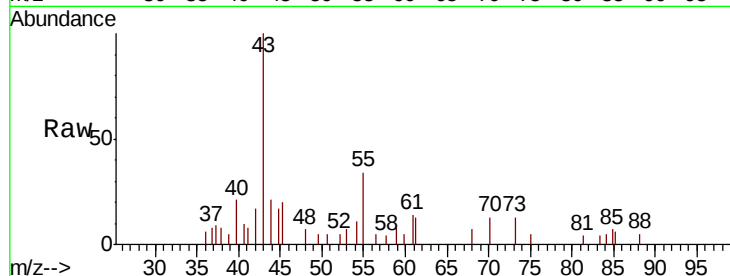




#37
Ethyl Acetate
Concen: 0.918 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.02 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

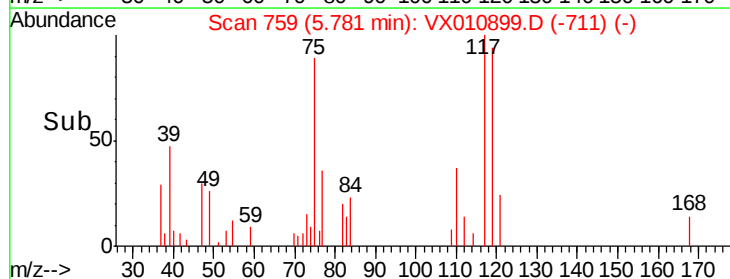
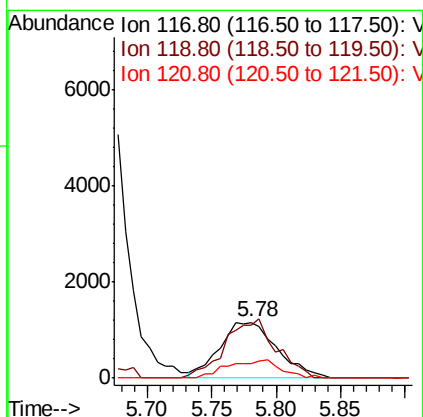
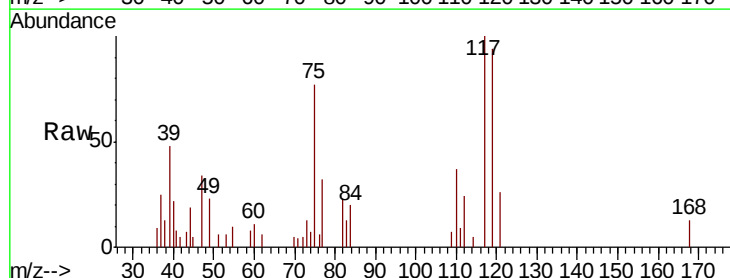
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

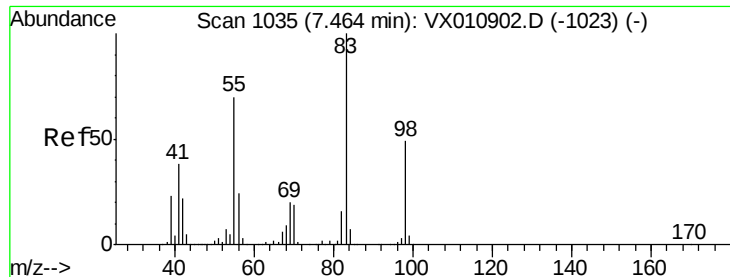
Tot Ion: 43 Resp: 3302
Ion Ratio Lower Upper
43 100
61 11.4 11.6 17.4#
70 17.4 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 0.959 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 117 Resp: 3610
Ion Ratio Lower Upper
117 100
119 94.0 74.2 111.2
121 25.9 24.2 36.2

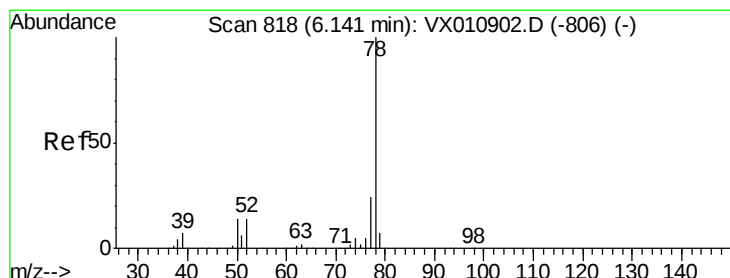
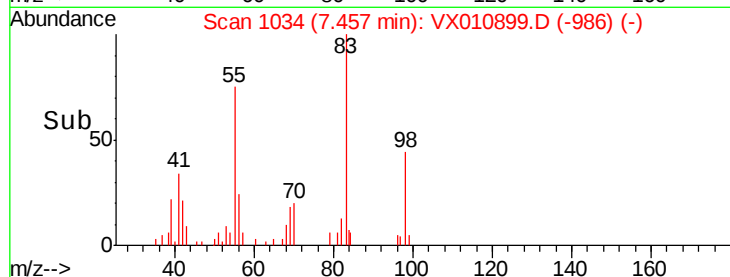
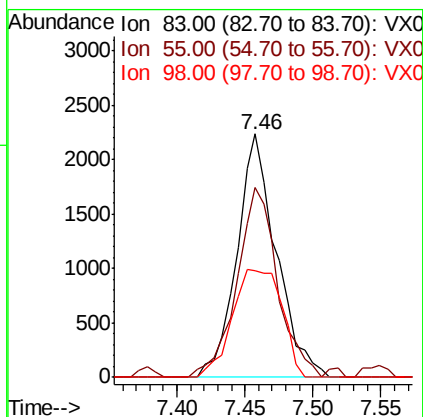
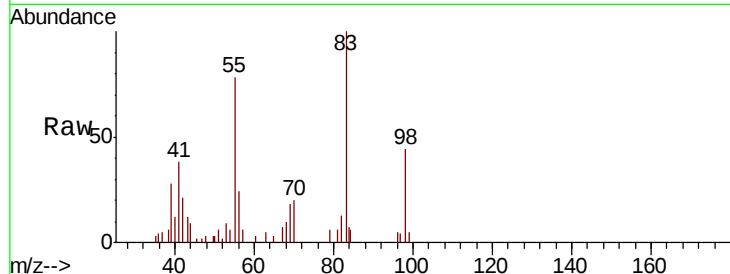




#39
Methvlcvclohexane
Concen: 0.981 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

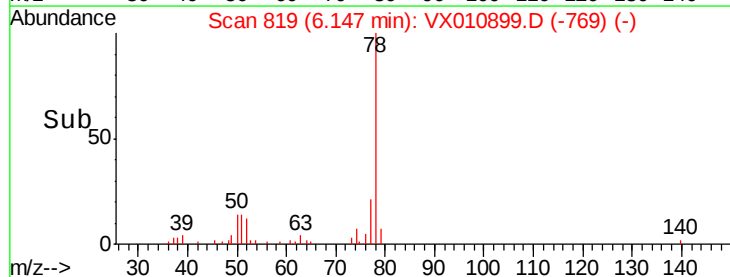
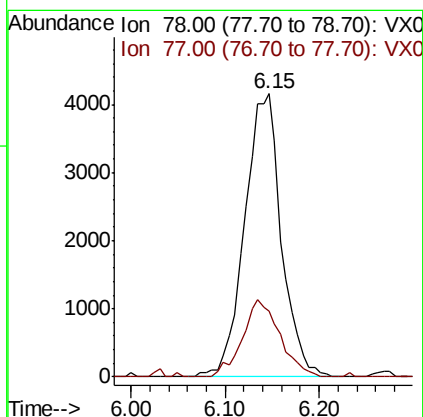
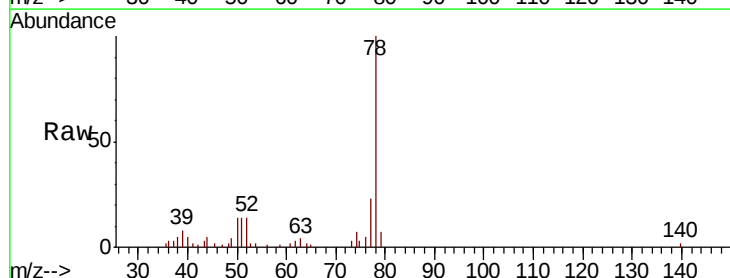
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

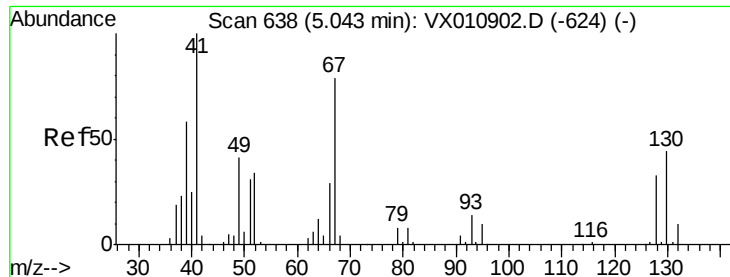
Tot Ion: 83 Resp: 4507
Ion Ratio Lower Upper
83 100
55 78.1 56.2 84.4
98 43.9 39.0 58.4



#40
Benzene
Concen: 1.046 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 78 Resp: 11350
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41

Methacrylonitrile

Concen: 1.240 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 2434

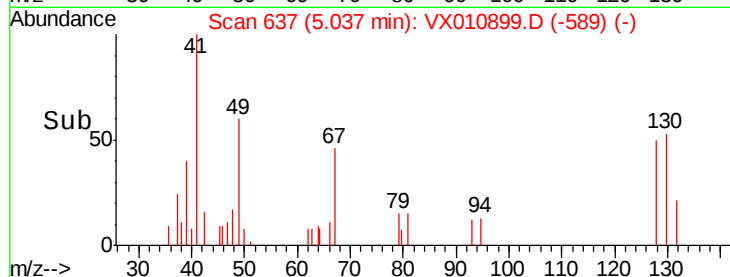
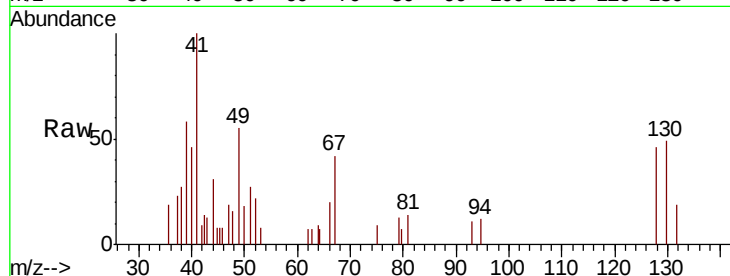
Ion Ratio Lower Upper

41 100

39 53.0 45.4 68.2

67 72.2 65.9 98.9

52 17.9 26.2 39.2#

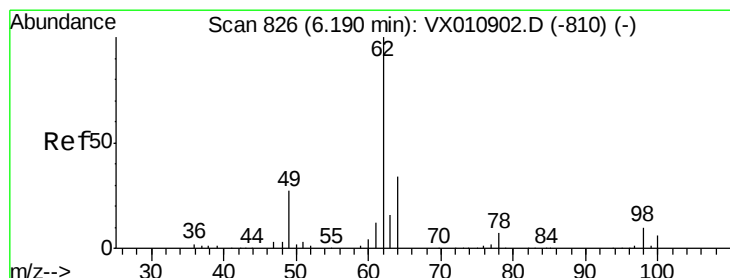
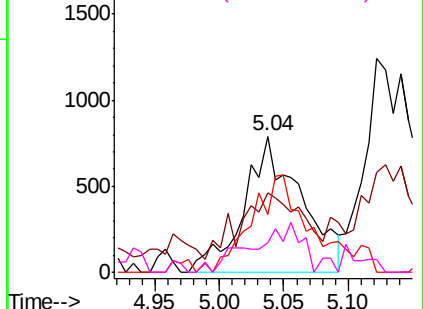


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.223 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010899.D

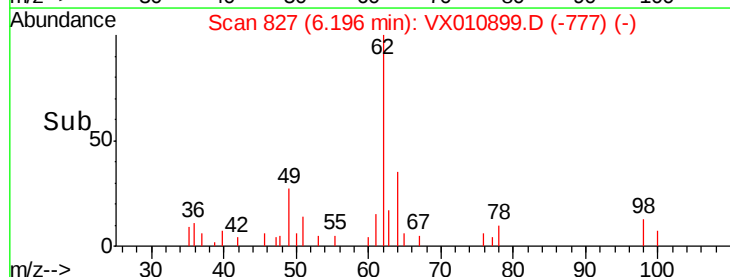
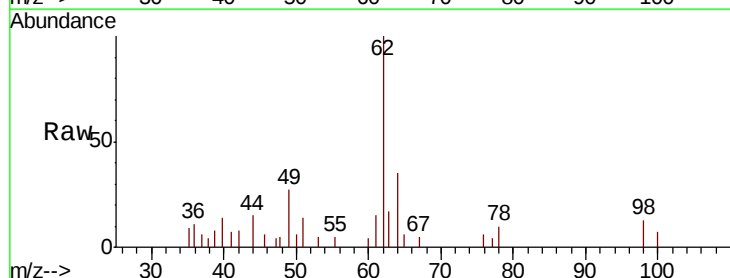
Acq: 16 Jul 2019 09:43

Tgt Ion: 62 Resp: 4097

Ion Ratio Lower Upper

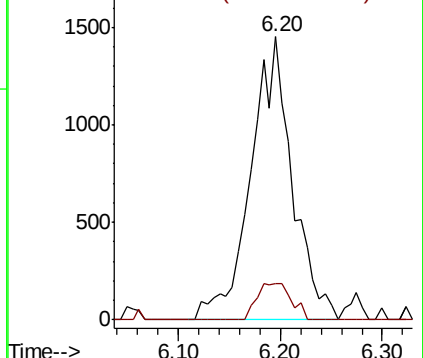
62 100

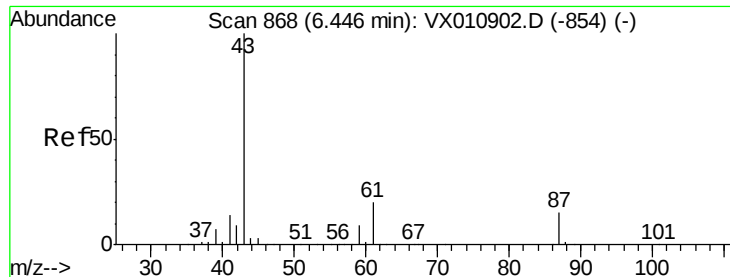
98 10.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.017 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

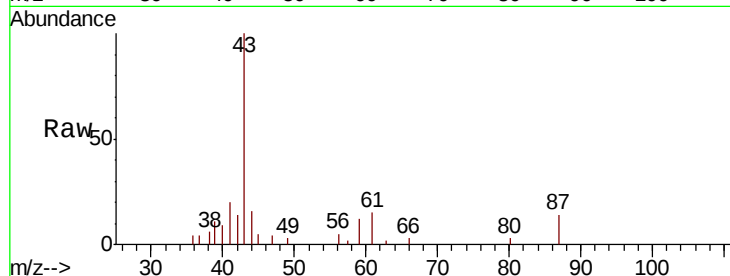
Tot Ion: 43 Resp: 6032

Ion Ratio Lower Upper

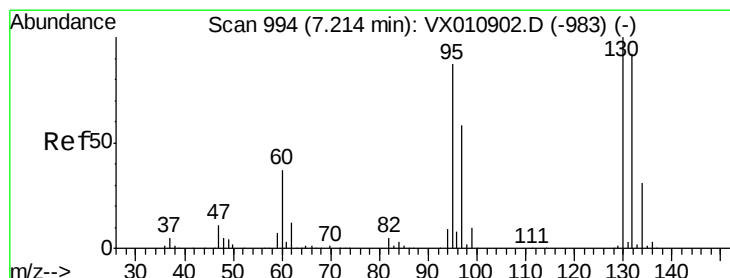
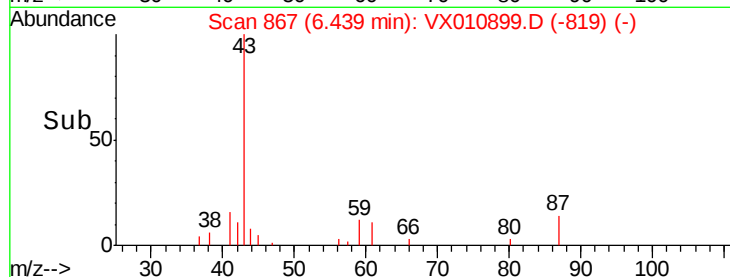
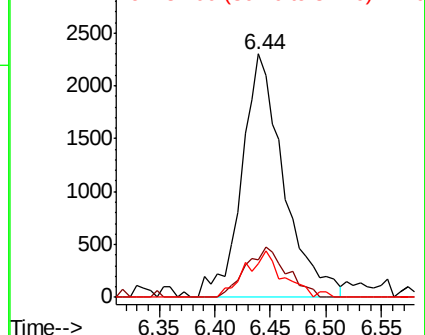
43 100

61 20.2 17.1 25.7

87 17.2 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.074 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010899.D

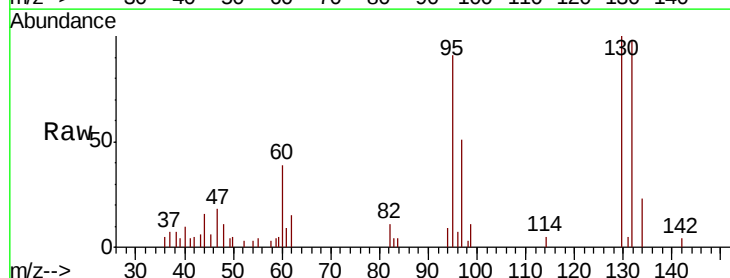
Acq: 16 Jul 2019 09:43

Tgt Ion: 130 Resp: 3478

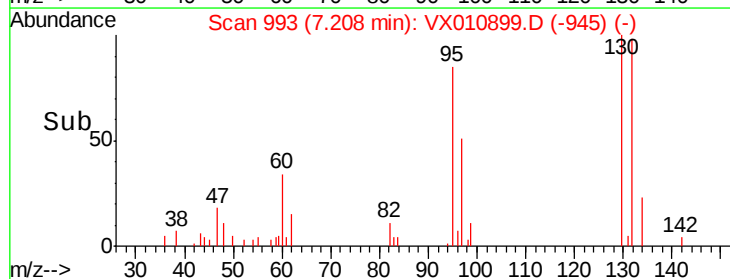
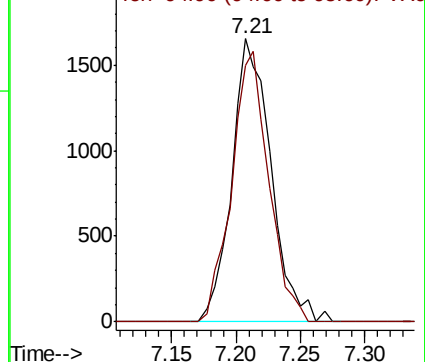
Ion Ratio Lower Upper

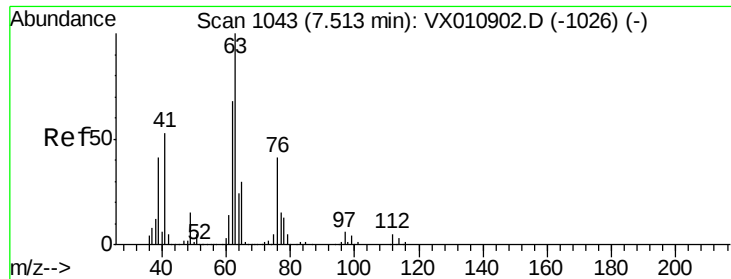
130 100

95 90.6 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.054 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

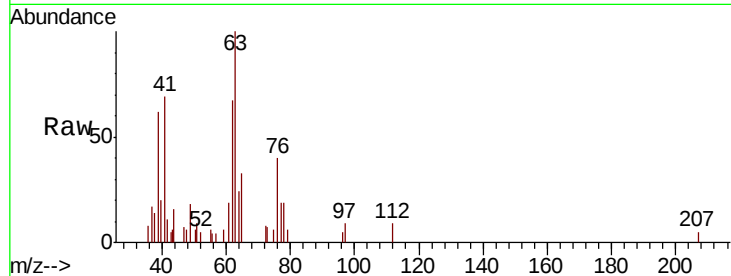
VSTDIC001

Tot Ion: 63 Resp: 2892

Ion Ratio Lower Upper

63 100

65 32.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

1500

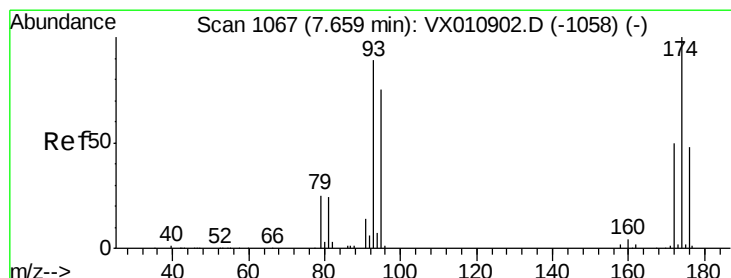
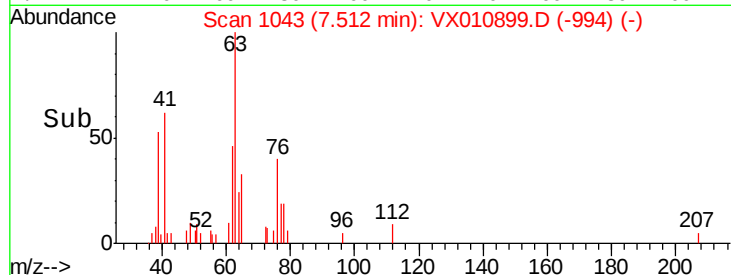
1000

500

0

7.45 7.50 7.55 7.60

Time-->



#46

Dibromomethane

Concen: 0.994 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

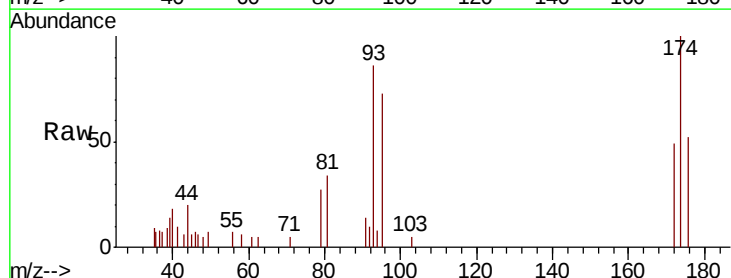
Tgt Ion: 93 Resp: 1957

Ion Ratio Lower Upper

93 100

95 99.1 67.2 100.8

174 115.4 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

1500

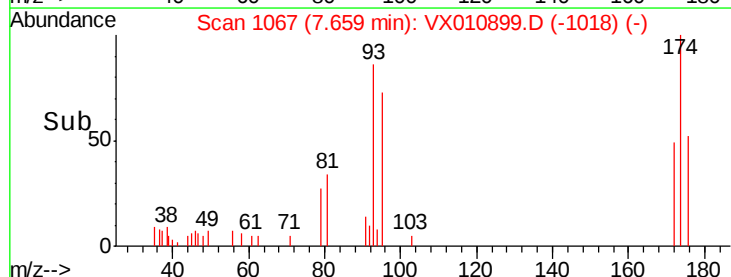
1000

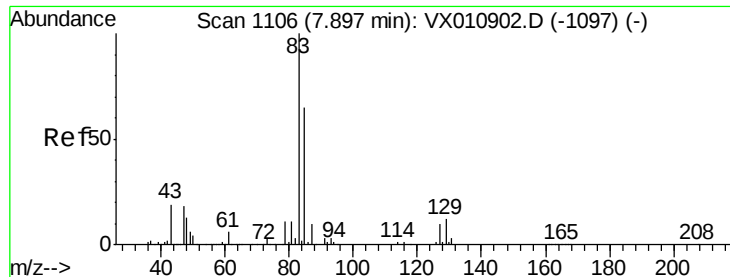
500

0

7.60 7.65 7.70

Time-->





#47

Bromodichloromethane

Concen: 0.920 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

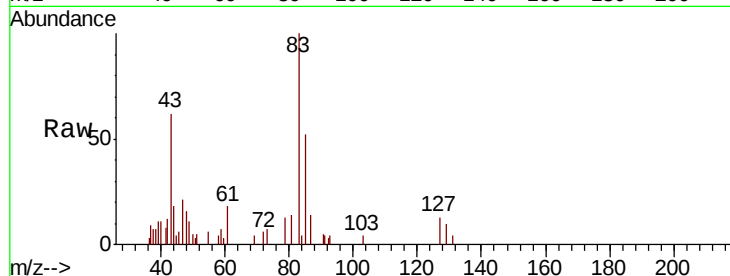
Tot Ion: 83 Resp: 3303

Ion Ratio Lower Upper

83 100

85 52.2 52.5 78.7#

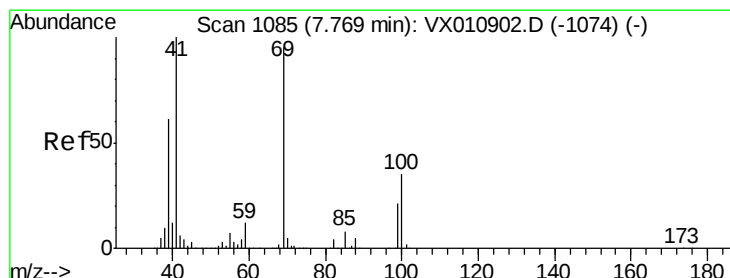
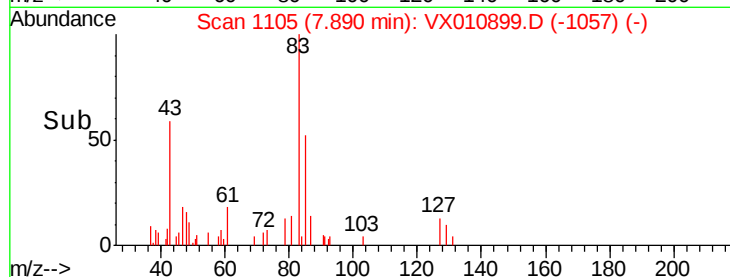
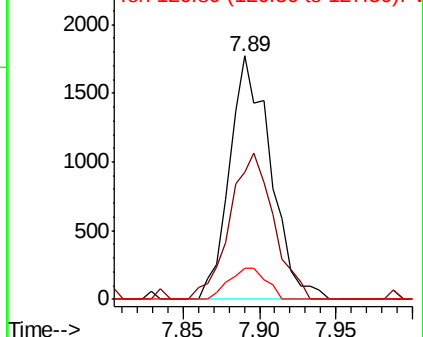
127 12.9 7.8 11.8#



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: 1.102 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

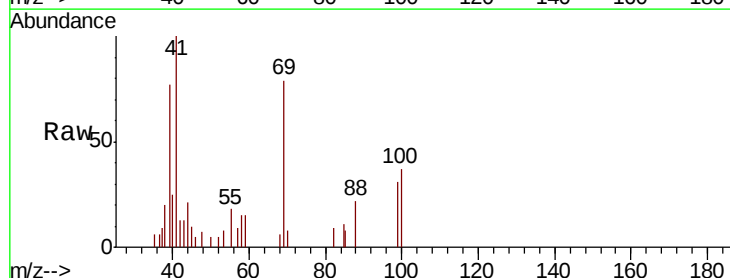
Tgt Ion: 41 Resp: 3047

Ion Ratio Lower Upper

41 100

69 79.2 74.4 111.6

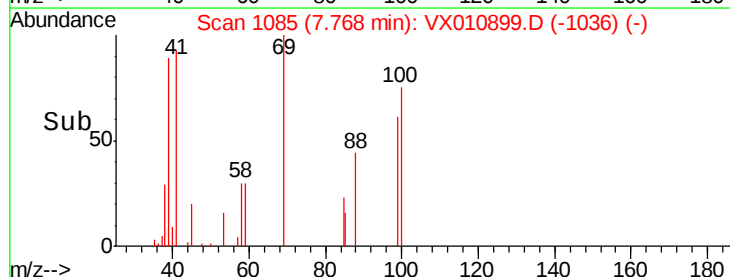
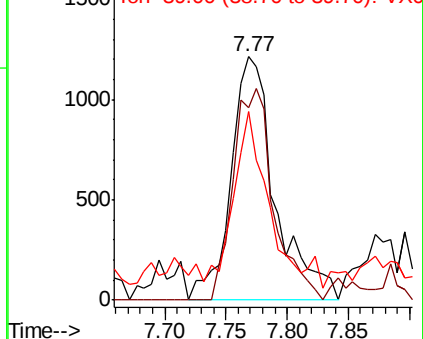
39 65.1 48.9 73.3

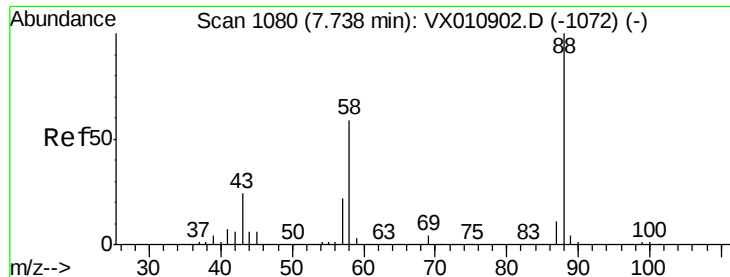


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

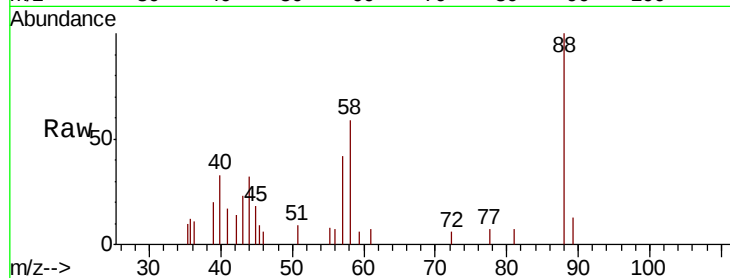




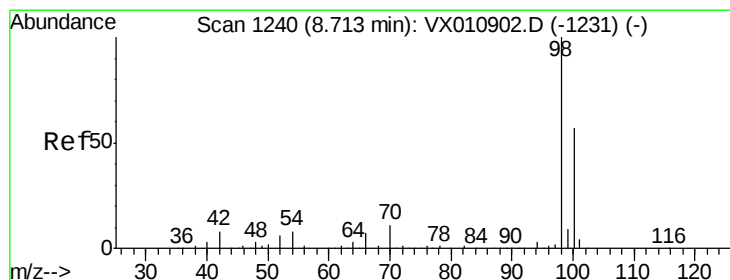
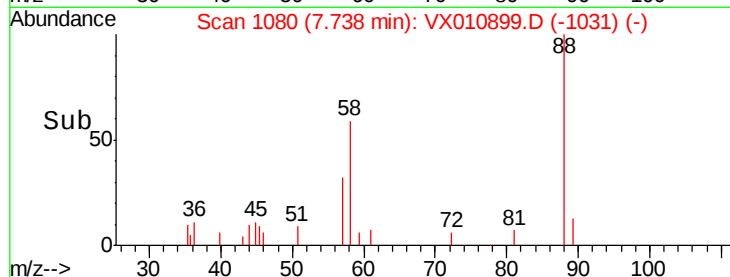
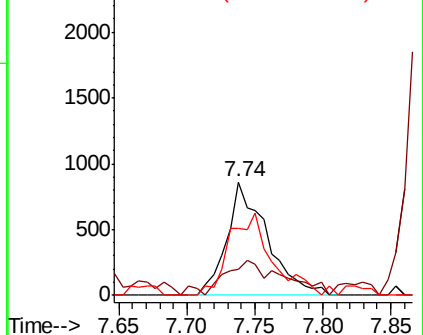
#49
1,4-Dioxane
Concen: 22.306 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 88 Resp: 1774
Ion Ratio Lower Upper
88 100
43 46.6 22.9 34.3#
58 76.4 49.8 74.8#

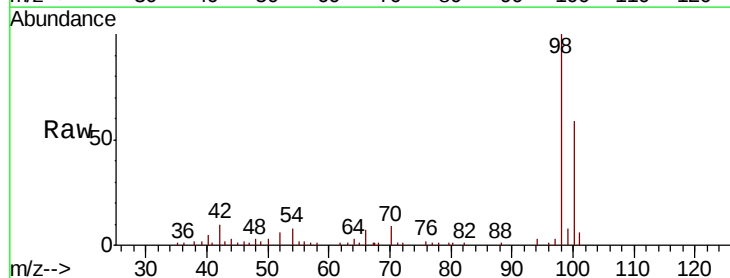


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

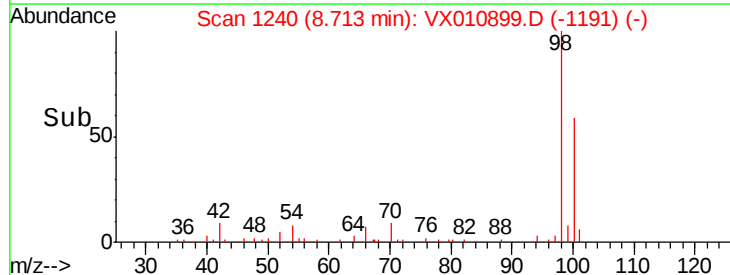
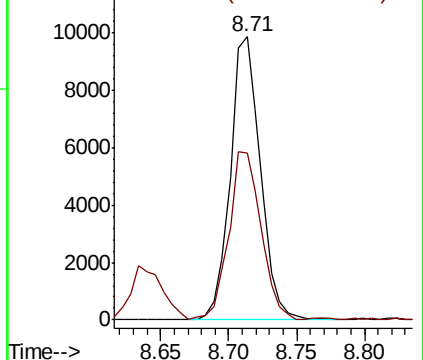


#50
Toluene-d8
Concen: 1.478 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 98 Resp: 15146
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

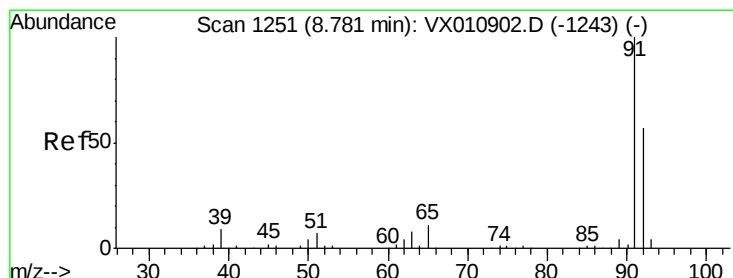
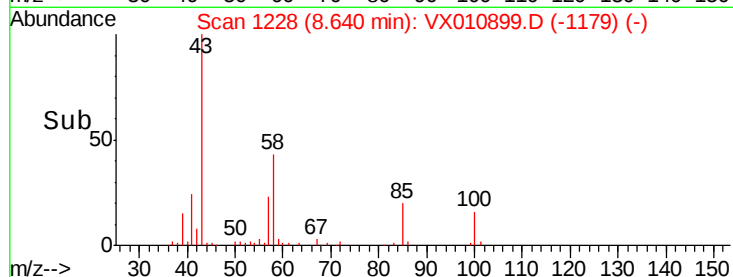
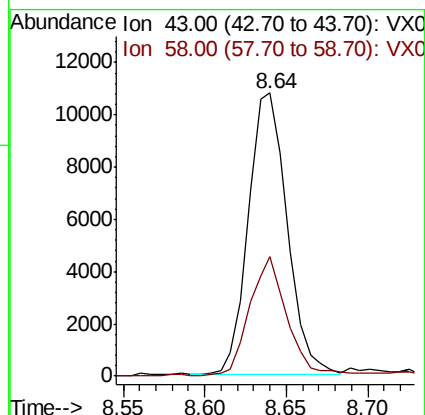
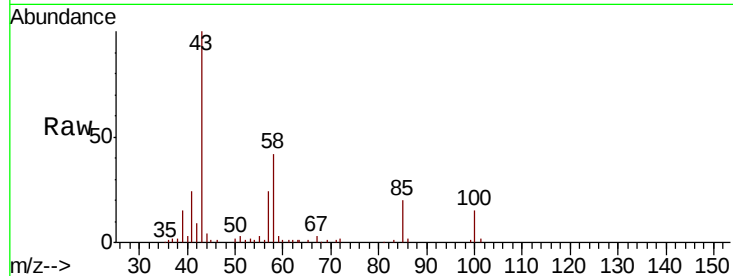




#51
 4-Methyl-2-Pentanone
 Concen: 4.679 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

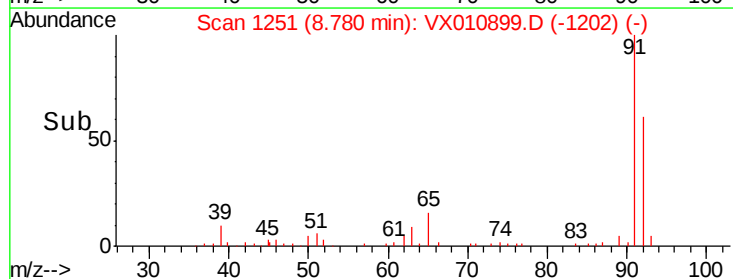
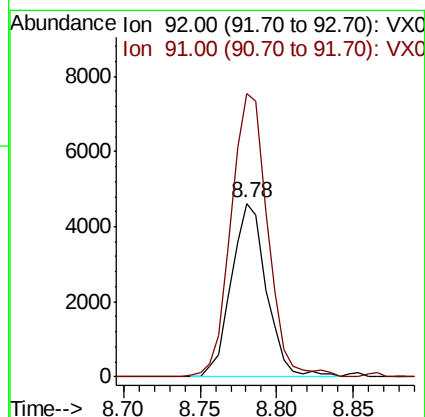
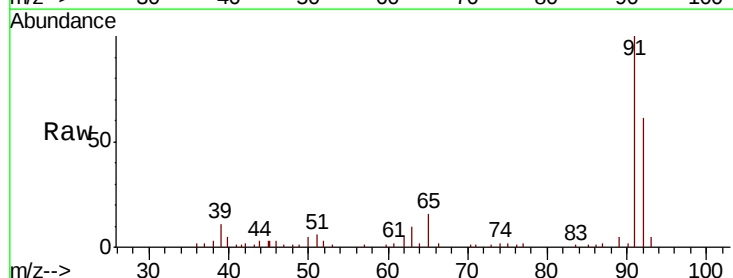
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

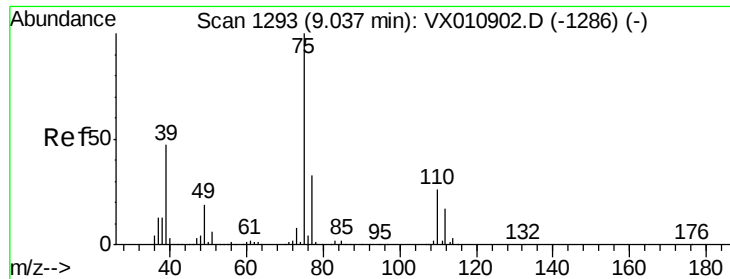
Tot Ion: 43 Resp: 17822
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.2 48.4



#52
 Toluene
 Concen: 1.029 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion: 92 Resp: 7345
 Ion Ratio Lower Upper
 92 100
 91 170.7 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 0.800 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

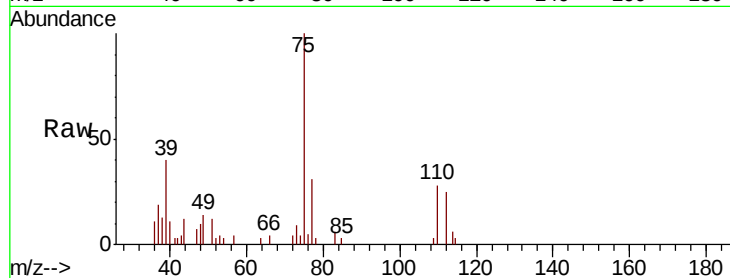
VSTDIC001

Tot Ion: 75 Resp: 3213

Ion Ratio Lower Upper

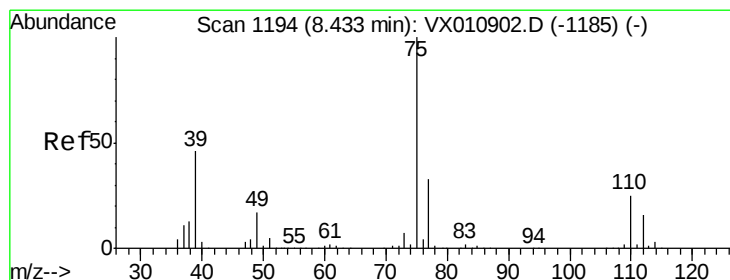
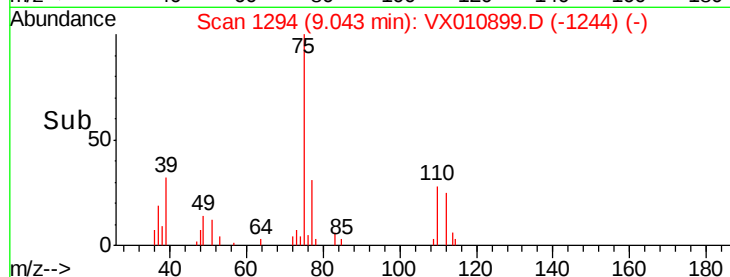
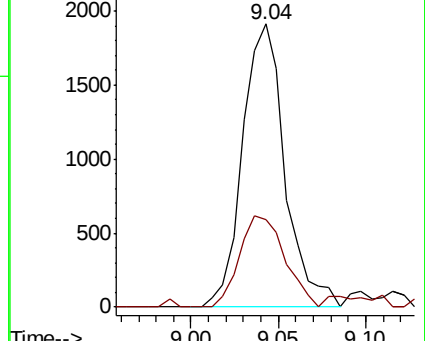
75 100

77 30.8 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.848 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

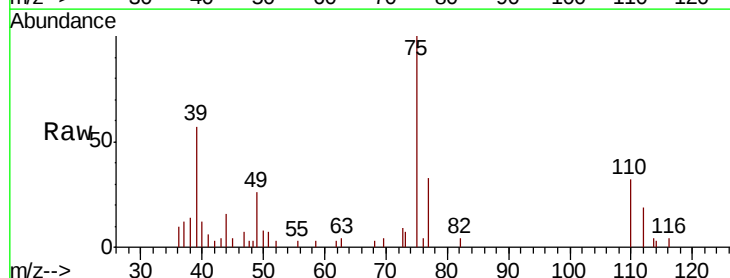
Tgt Ion: 75 Resp: 3714

Ion Ratio Lower Upper

75 100

77 30.2 26.1 39.1

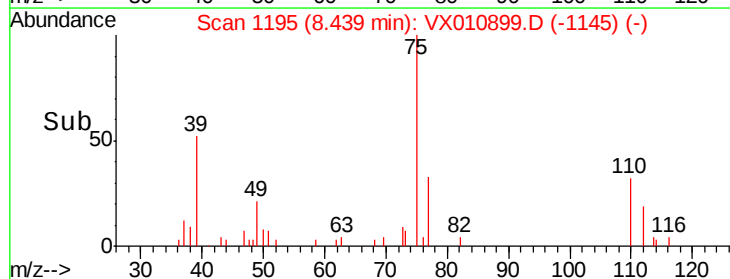
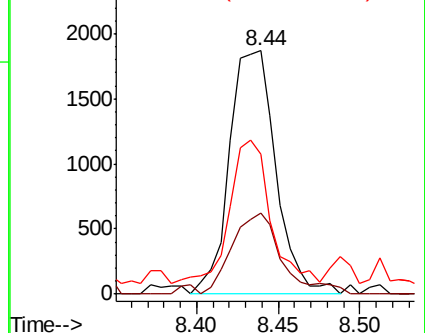
39 50.2 36.6 54.8

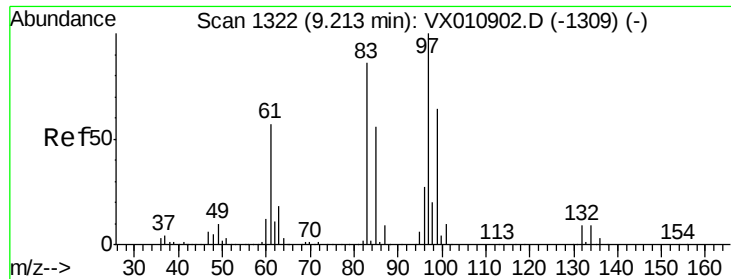


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

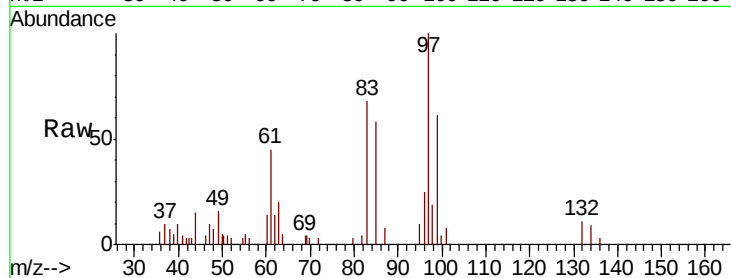




#55
 1,1,2-Trichloroethane
 Concen: 1.014 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	97	Resp:	2978
Ion	Ratio	Lower	Upper
97	100		
83	67.6	69.2	103.8#
85	58.2	44.6	66.8
99	58.2	51.2	76.8



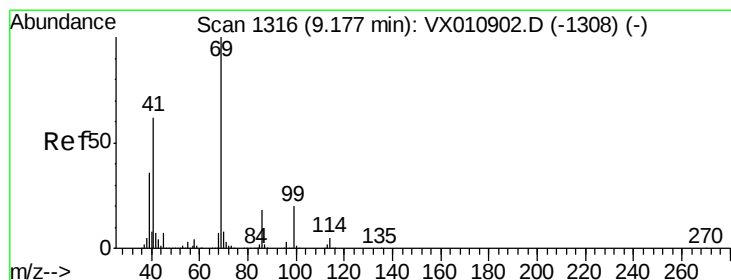
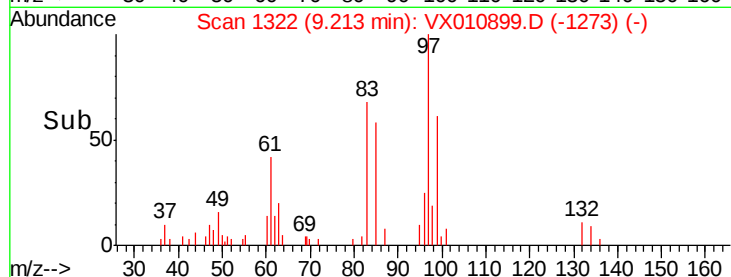
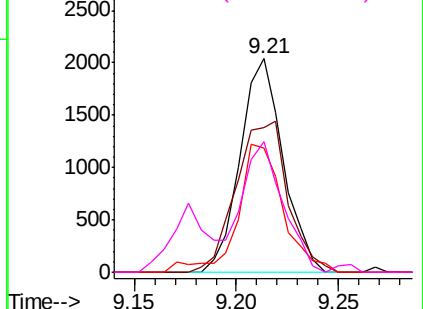
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

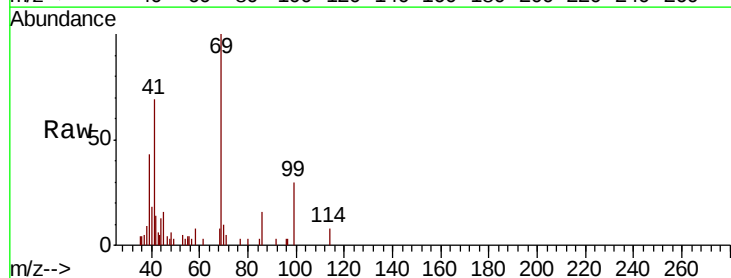
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 0.833 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion:	69	Resp:	3708
Ion	Ratio	Lower	Upper
69	100		
41	72.6	49.7	74.5
39	38.5	29.6	44.4

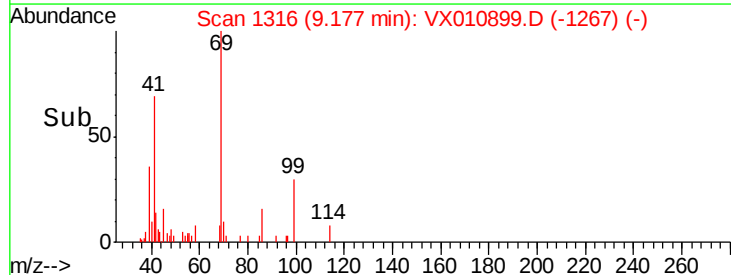
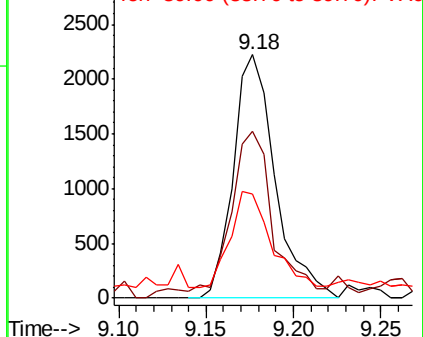


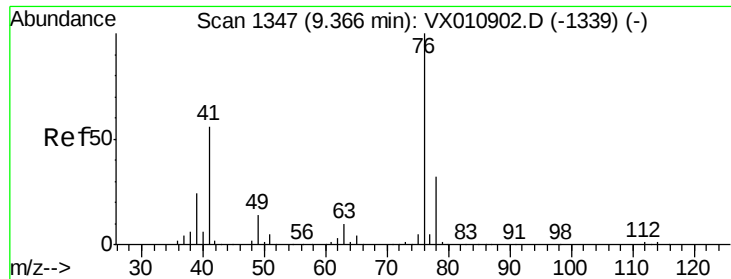
Abundance

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

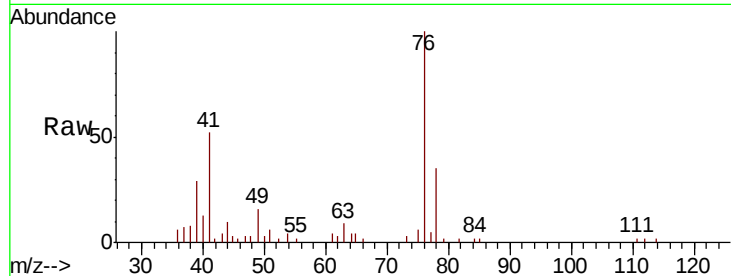




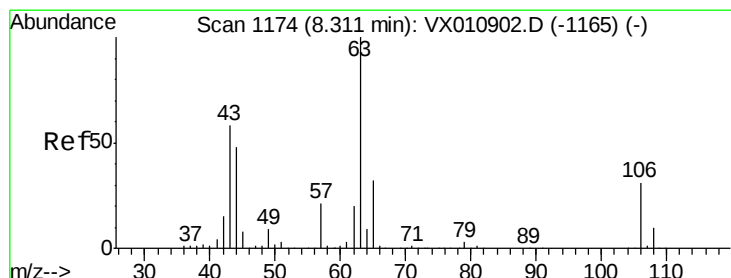
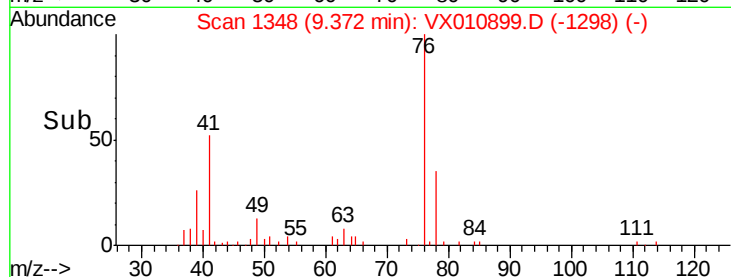
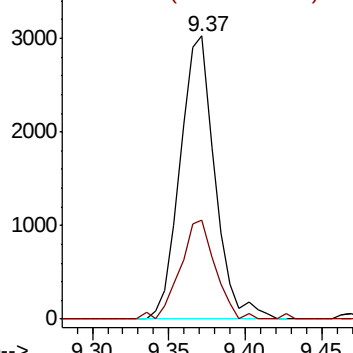
#57
 1,3-Dichloropropane
 Concen: 1.039 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 76 Resp: 4757
 Ion Ratio Lower Upper
 76 100
 78 35.2 25.6 38.4

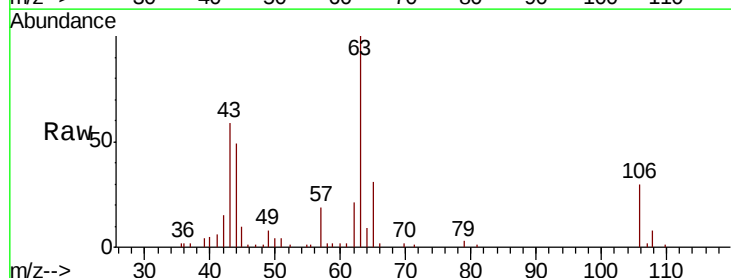


Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

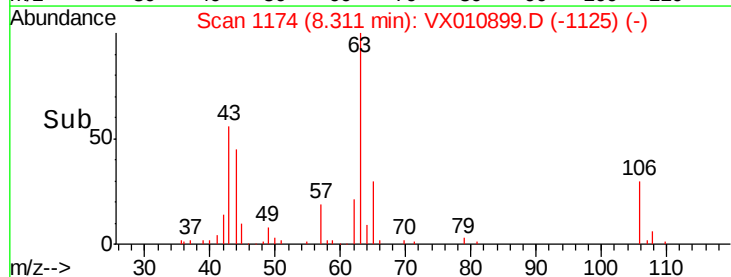
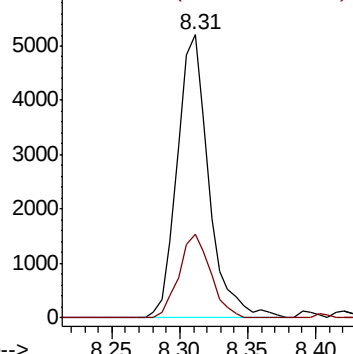


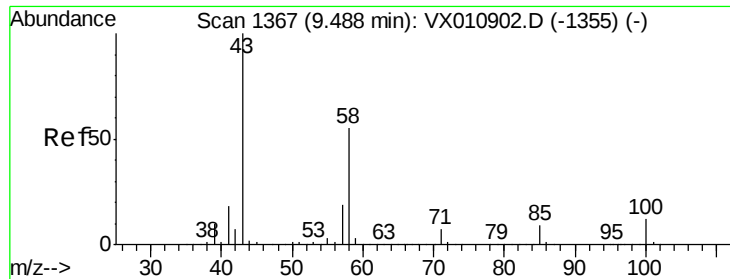
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.999 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion: 63 Resp: 8423
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V

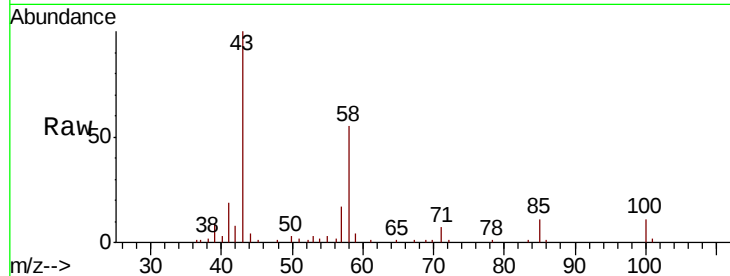




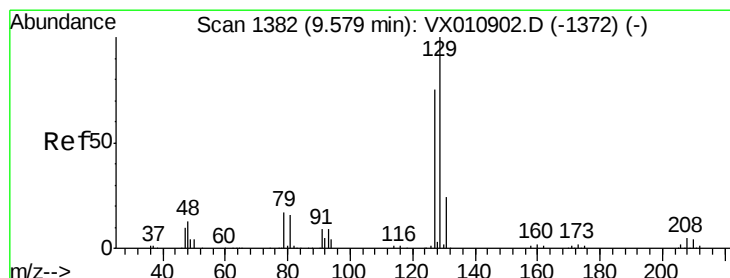
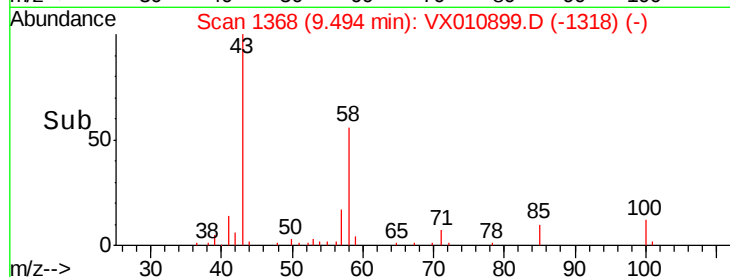
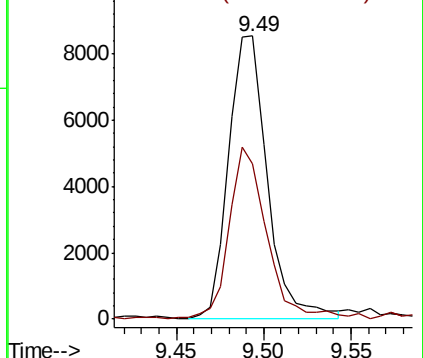
#59
2-Hexanone
Concen: 4.425 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 13264
Ion Ratio Lower Upper
43 100
58 59.3 28.0 83.9

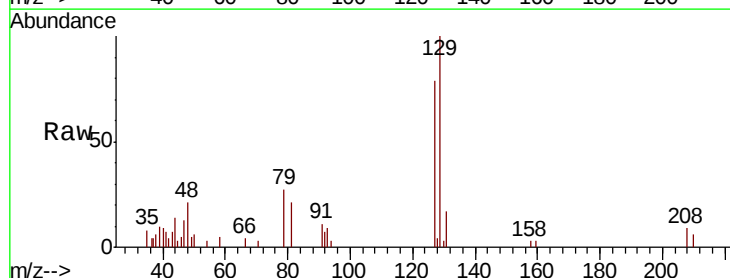


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

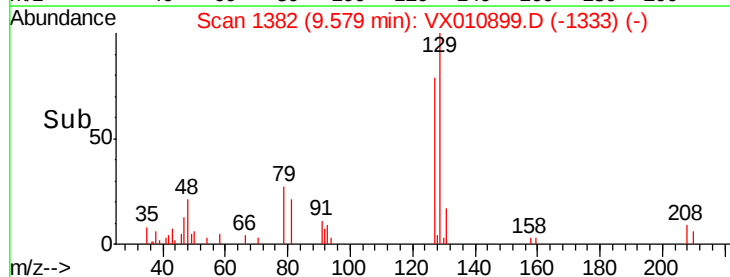
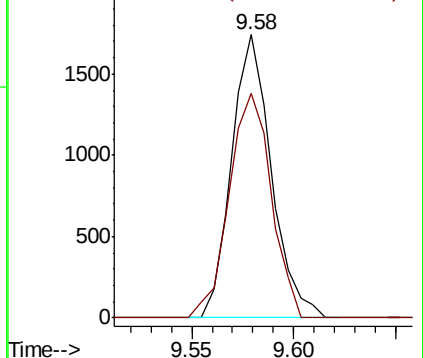


#60
Dibromochloromethane
Concen: 0.718 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 129 Resp: 2347
Ion Ratio Lower Upper
129 100
127 83.9 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

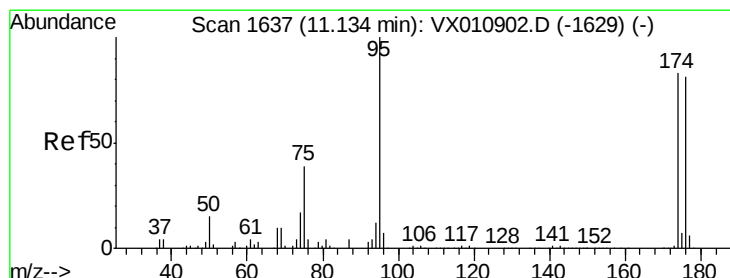
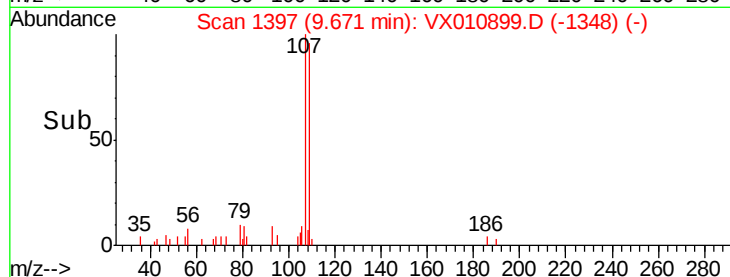
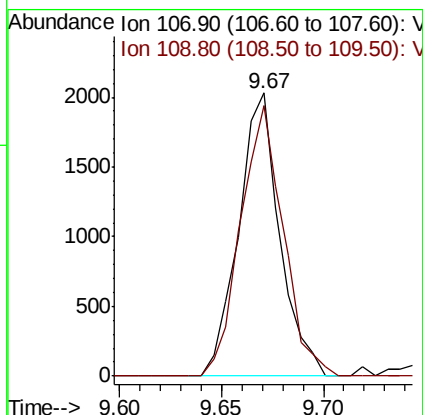
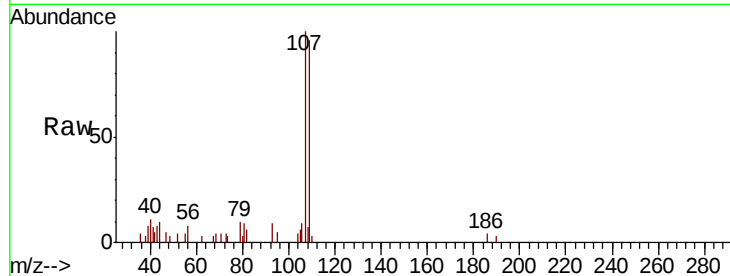




#61
 1,2-Dibromoethane
 Concen: 0.895 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

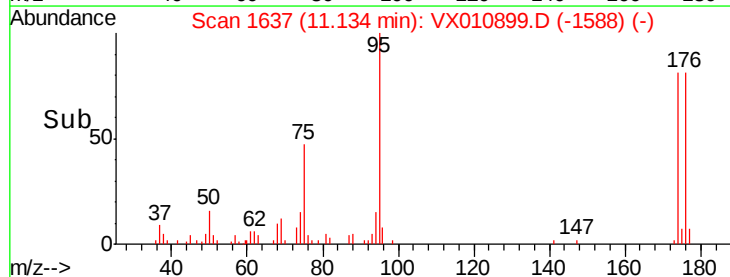
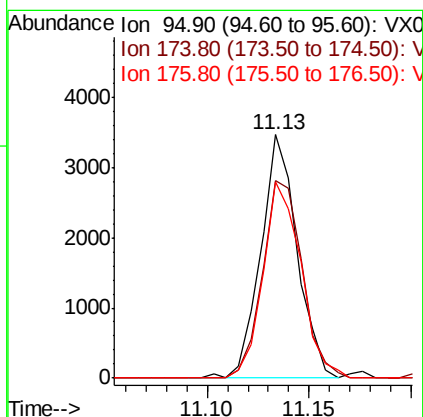
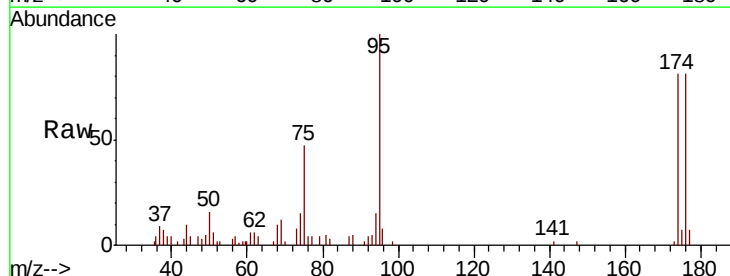
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

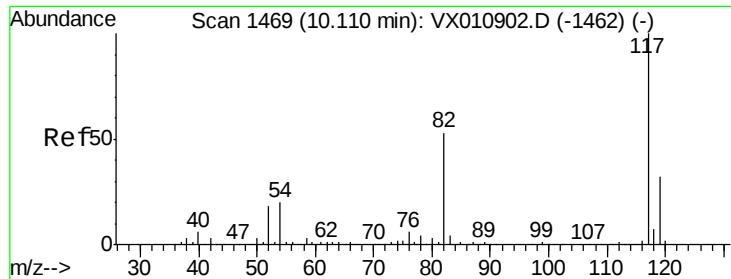
Tot Ion: 107 Resp: 2843
 Ion Ratio Lower Upper
 107 100
 109 98.9 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 1.151 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion: 95 Resp: 4286
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 180.6
 176 84.8 0.0 173.8

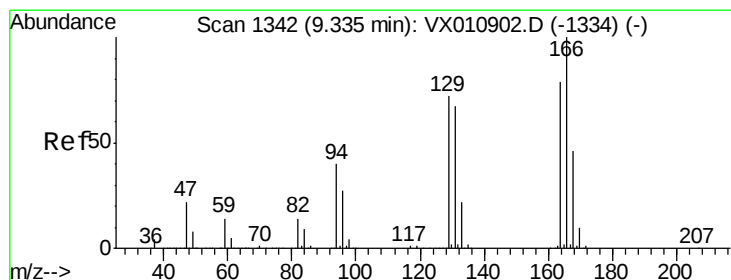
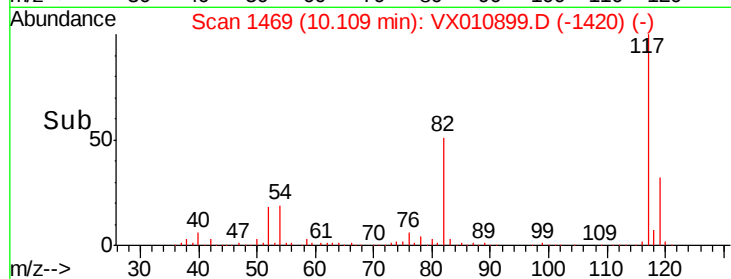
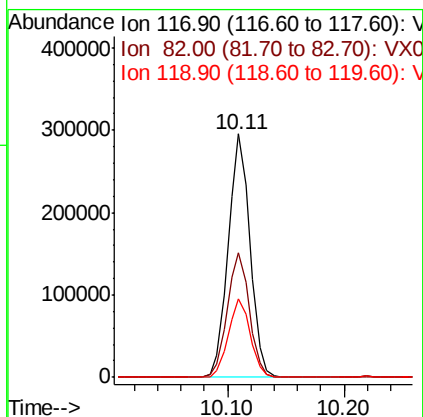
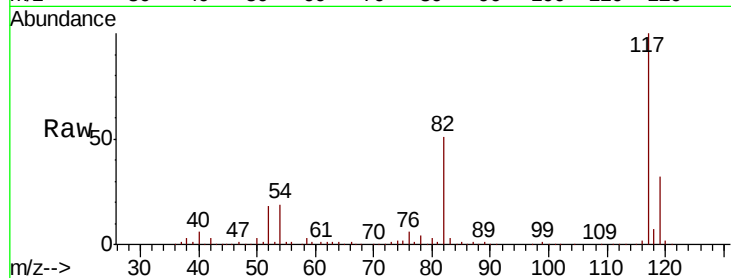




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

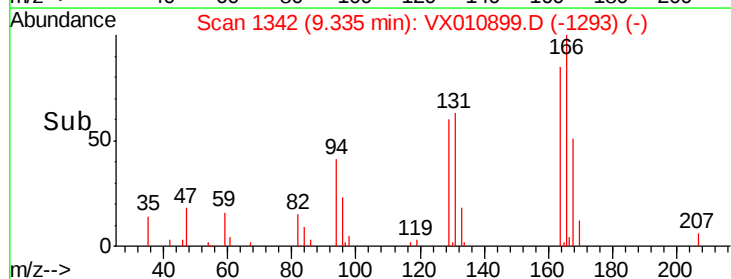
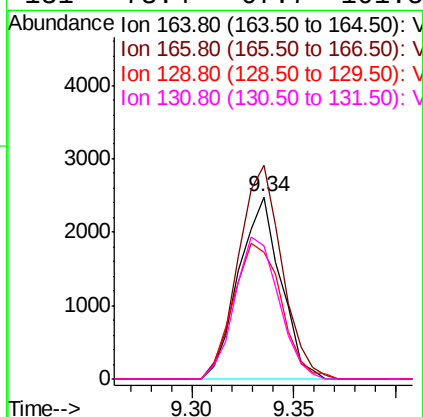
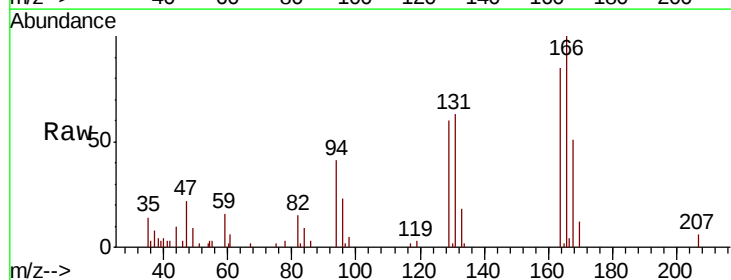
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

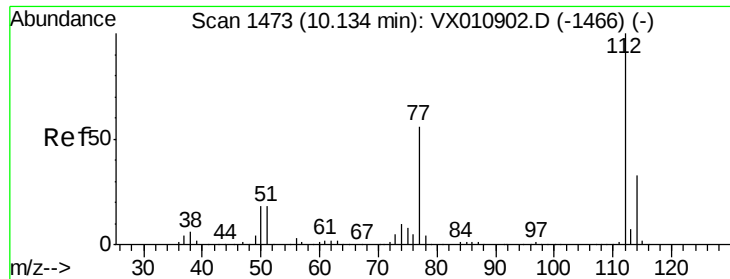
Tot Ion:117 Resp: 384787
Ion Ratio Lower Upper
117 100
82 51.3 42.6 63.8
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 1.141 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion:164 Resp: 3537
Ion Ratio Lower Upper
164 100
166 117.3 100.8 151.2
129 69.8 72.6 109.0#
131 73.4 67.7 101.5





#65

Chlorobenzene

Concen: 1.115 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

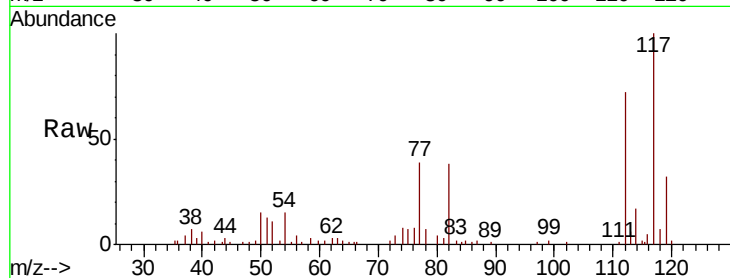
VSTDIC001

Tot Ion:112 Resp: 8694

Ion Ratio Lower Upper

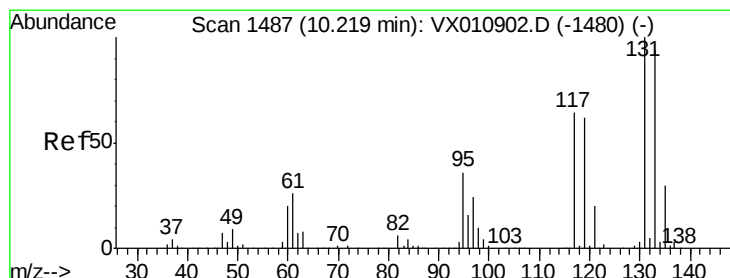
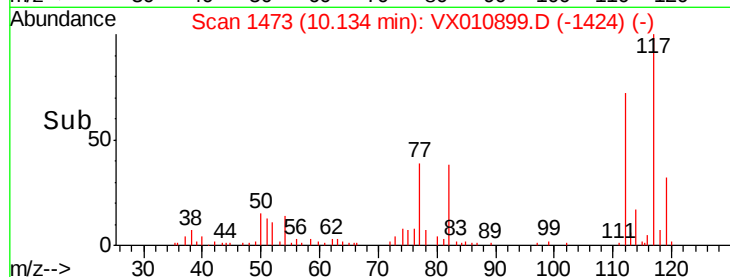
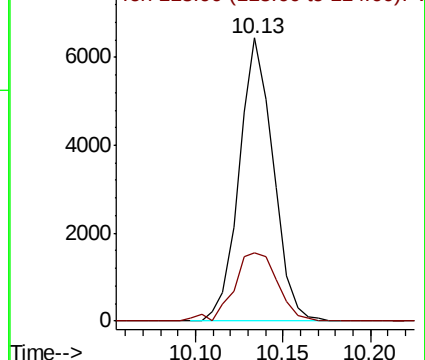
112 100

114 24.3 26.2 39.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.920 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

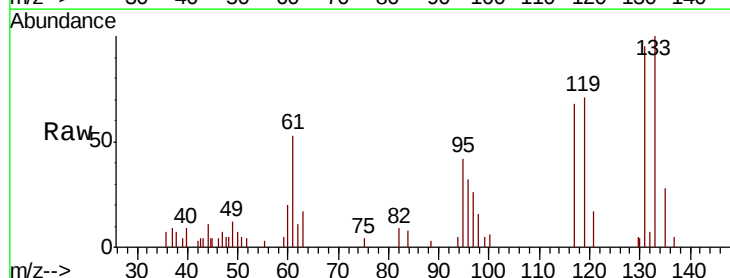
Tgt Ion:131 Resp: 2611

Ion Ratio Lower Upper

131 100

133 101.3 47.1 141.4

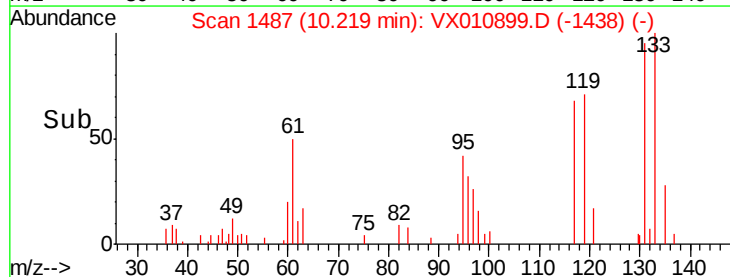
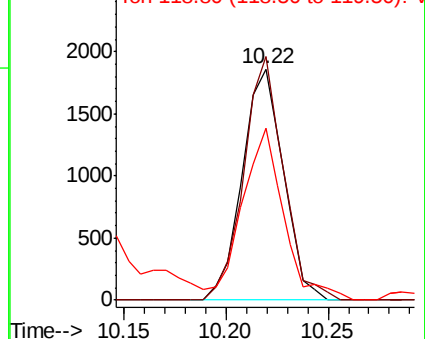
119 0.0 31.9 95.7#

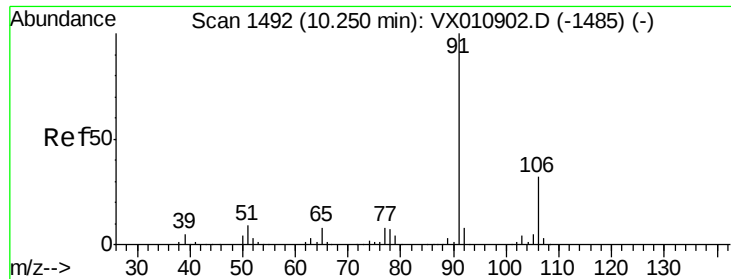


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.039 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

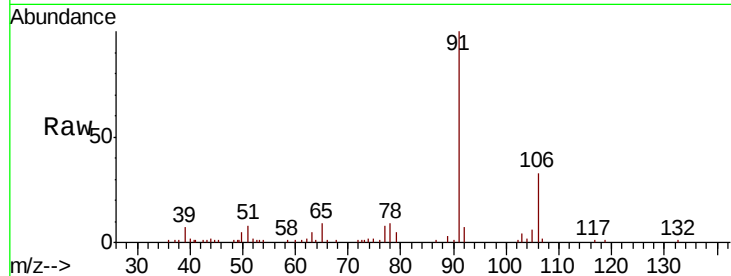
VSTDIC001

Tot Ion: 91 Resp: 13747

Ion Ratio Lower Upper

91 100

106 32.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX010902.D (-1485) (-)

15000

10000

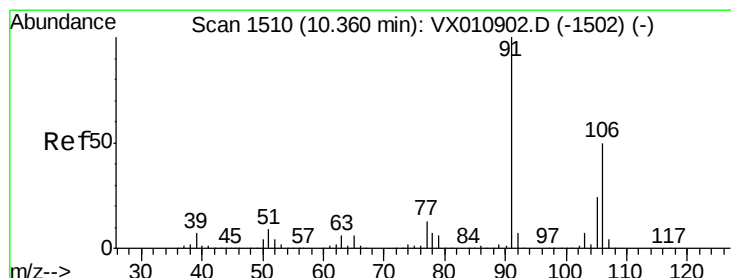
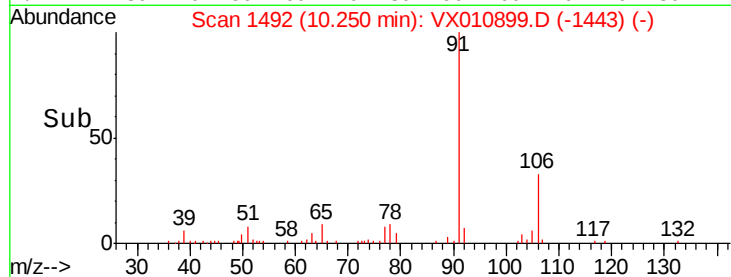
5000

0

10.25

10.35

Time-->



#68

m/p-Xylenes

Concen: 1.969 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010899.D

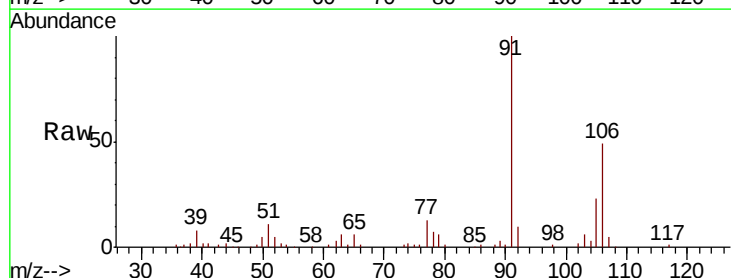
Acq: 16 Jul 2019 09:43

Tgt Ion: 106 Resp: 10074

Ion Ratio Lower Upper

106 100

91 206.5 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): VX010902.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX010902.D (-1502) (-)

15000

10000

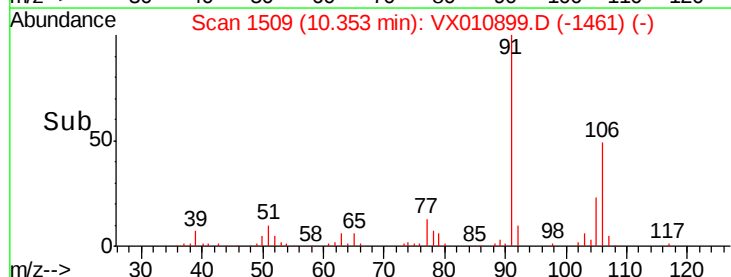
5000

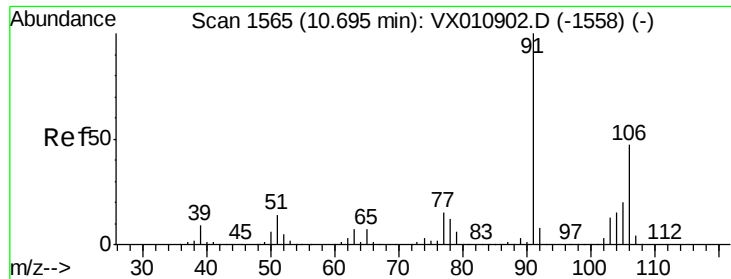
0

10.35

10.40

Time-->

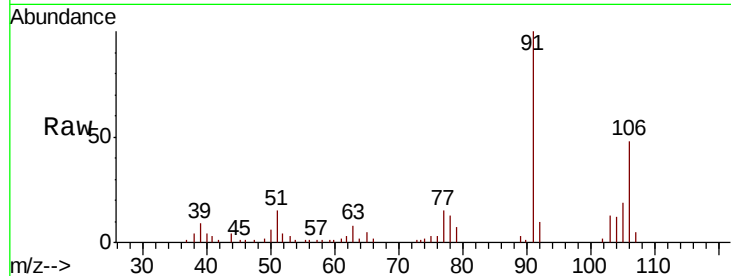




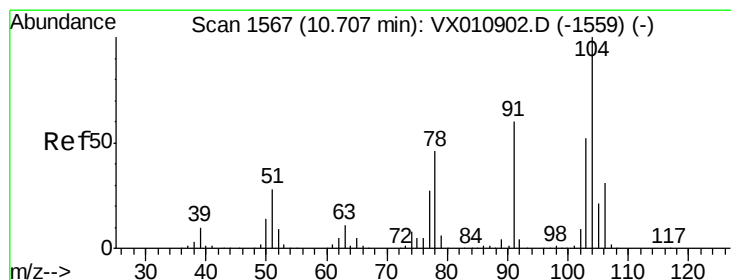
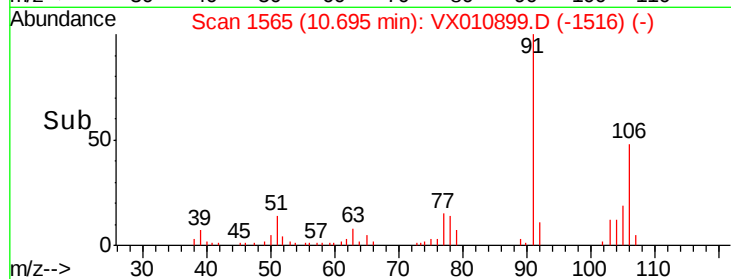
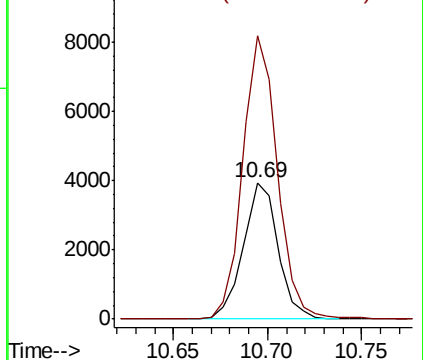
#69
o-Xylene
Concen: 1.003 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 5053
Ion Ratio Lower Upper
106 100
91 206.1 105.1 315.3

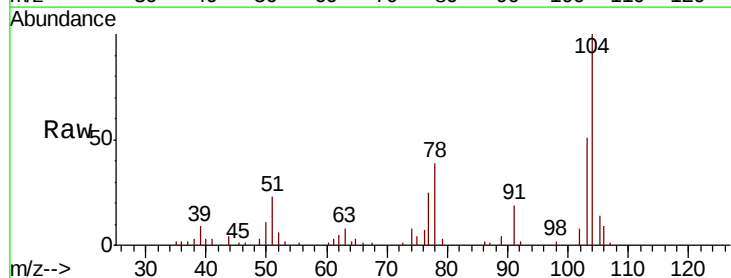


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

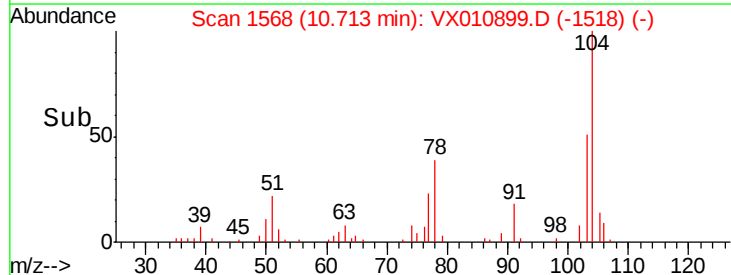
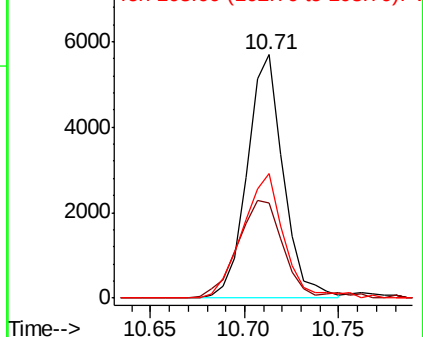


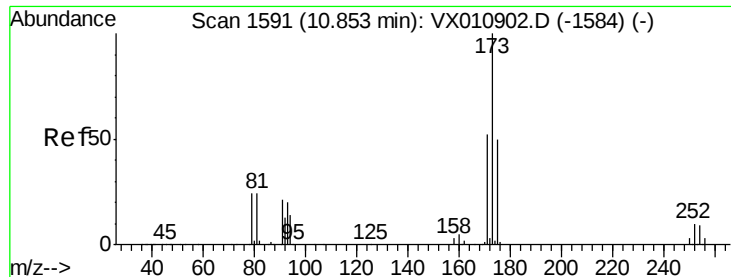
#70
Styrene
Concen: 0.896 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion:104 Resp: 7569
Ion Ratio Lower Upper
104 100
78 50.3 38.8 58.2
103 58.8 44.2 66.4



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





#71

Bromoform

Concen: 0.756 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

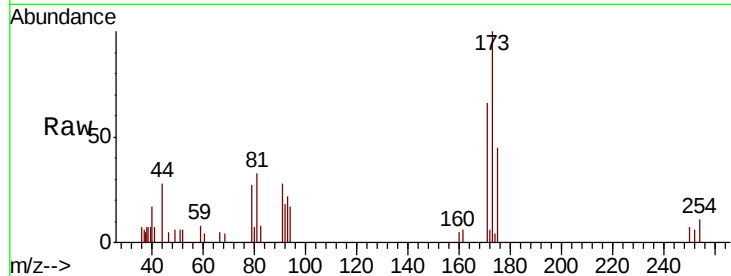
Tot Ion:173 Resp: 1835

Ion Ratio Lower Upper

173 100

175 44.0 24.6 73.6

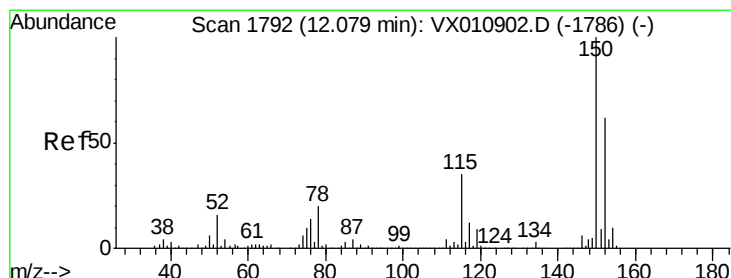
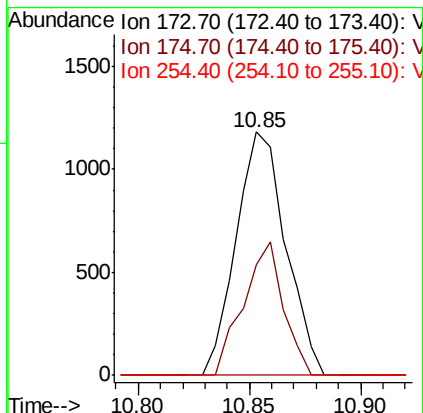
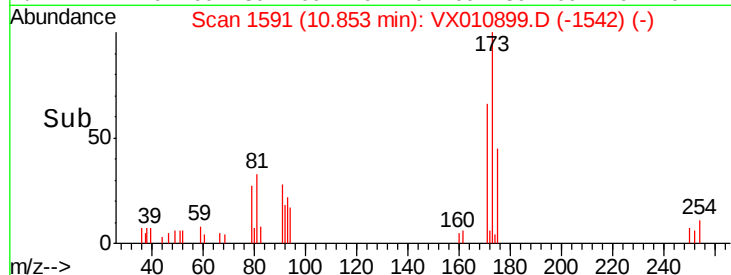
254 0.0 0.1 0.1#



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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

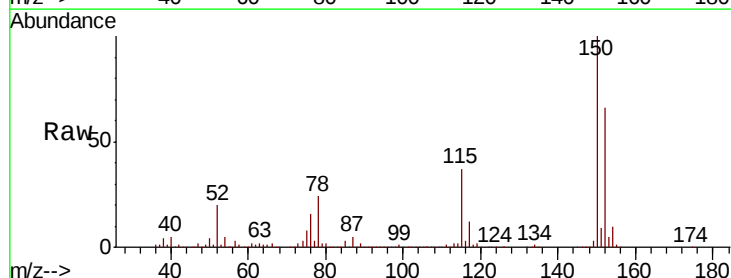
Tgt Ion:152 Resp: 191226

Ion Ratio Lower Upper

152 100

115 55.2 39.7 119.1

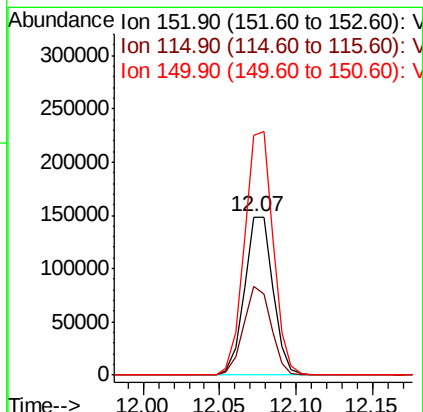
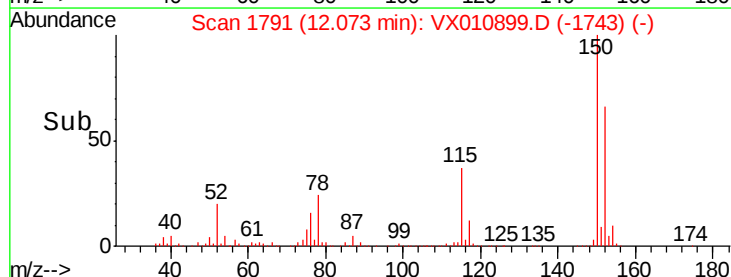
150 155.0 0.0 345.6

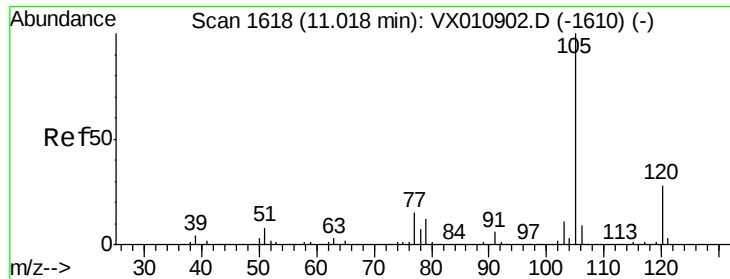


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.987 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

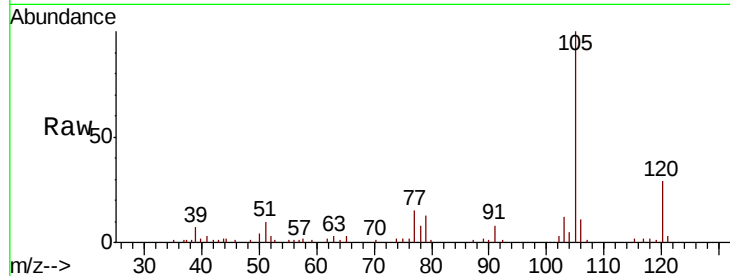
VSTDIC001

Tot Ion:105 Resp: 12775

Ion Ratio Lower Upper

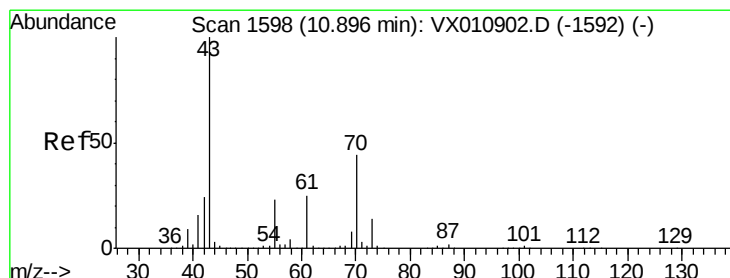
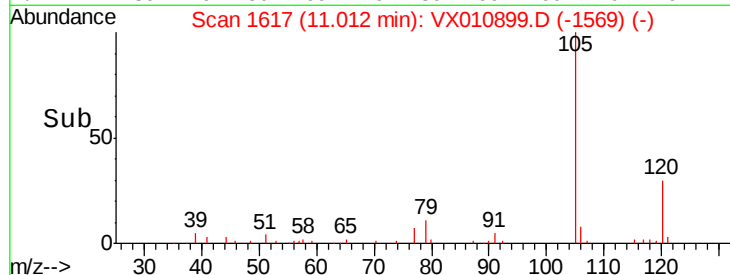
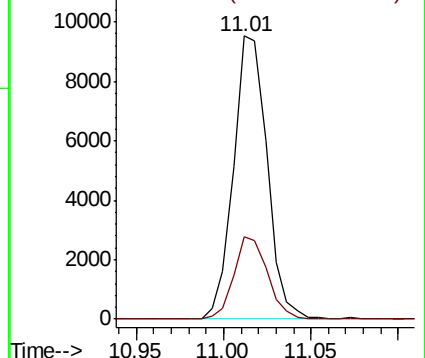
105 100

120 28.8 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: 0.930 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Tgt Ion: 43 Resp: 4557

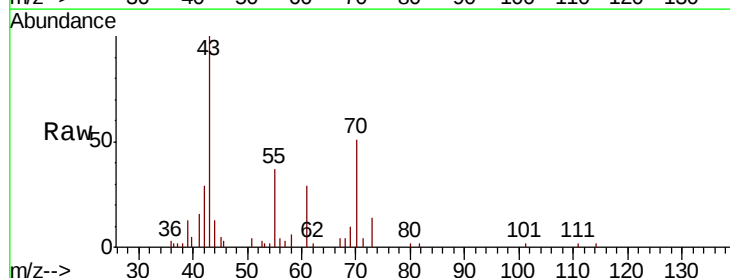
Ion Ratio Lower Upper

43 100

70 46.7 34.7 52.1

55 27.8 19.1 28.7

61 24.7 19.9 29.9

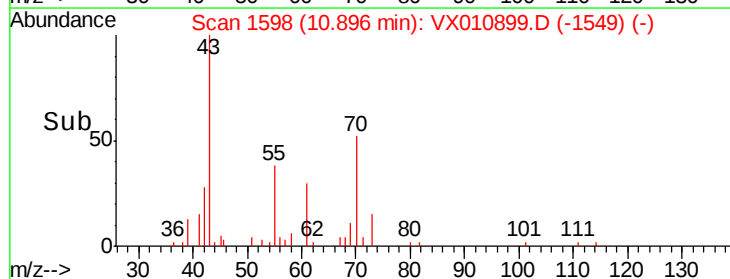
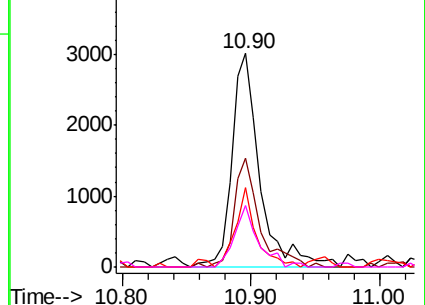


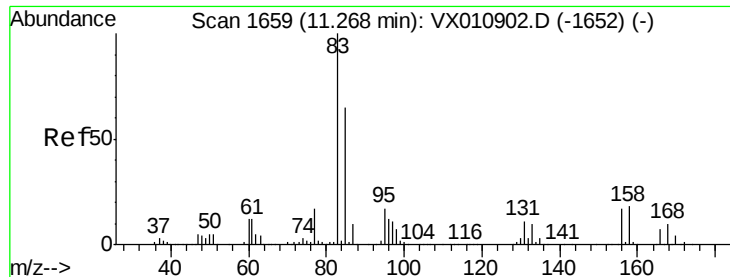
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.025 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

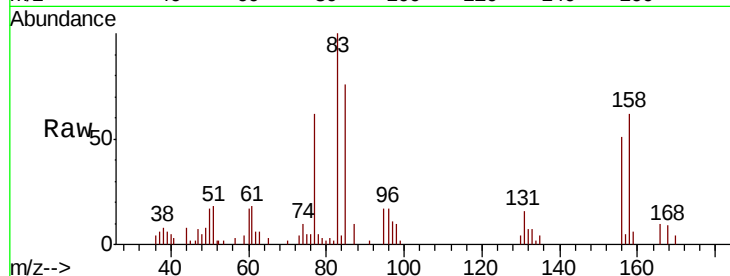
Tot Ion: 83 Resp: 4388

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

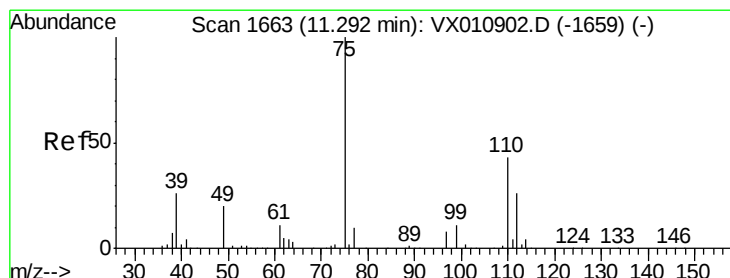
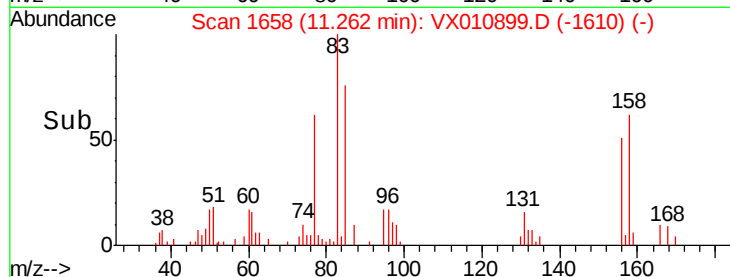
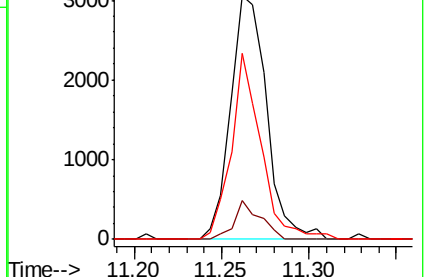
85 63.1 32.3 96.9



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: 1.189 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010899.D

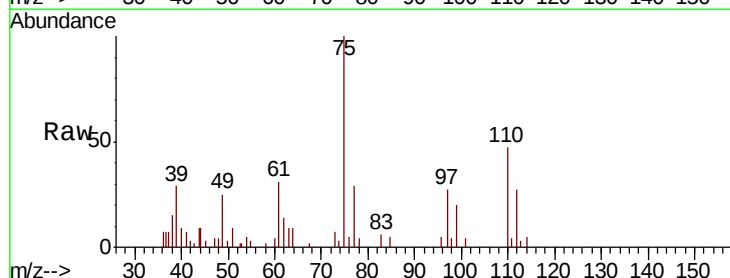
Acq: 16 Jul 2019 09:43

Tgt Ion: 75 Resp: 4136

Ion Ratio Lower Upper

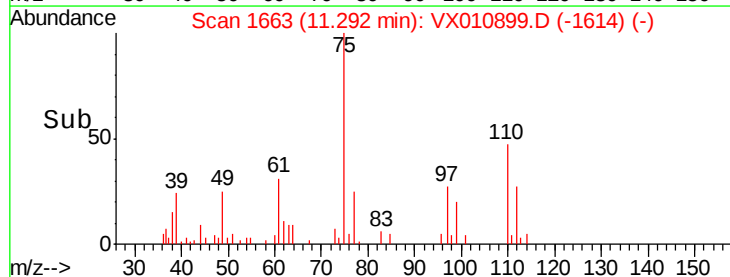
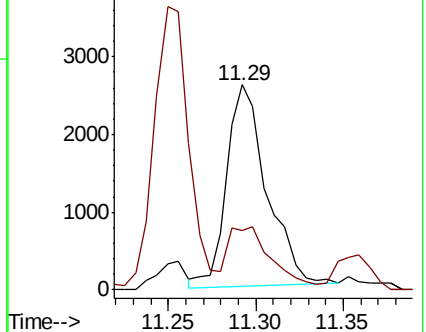
75 100

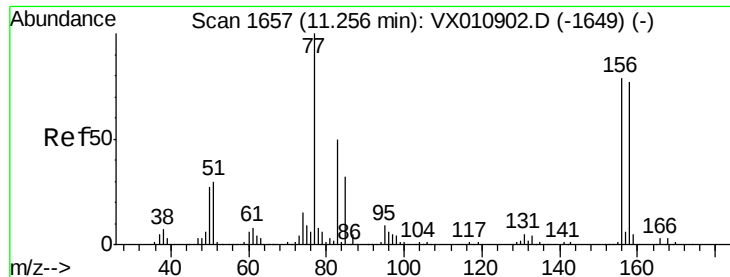
77 33.8 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

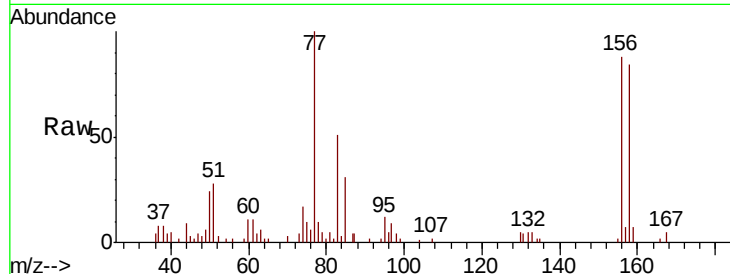




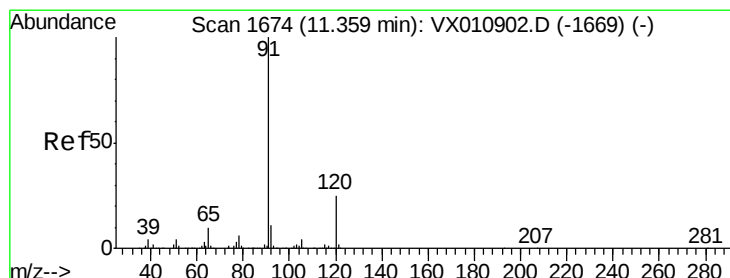
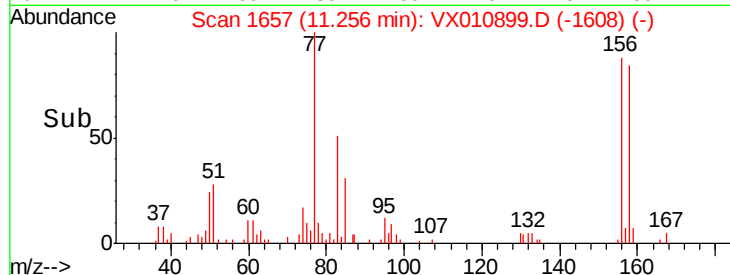
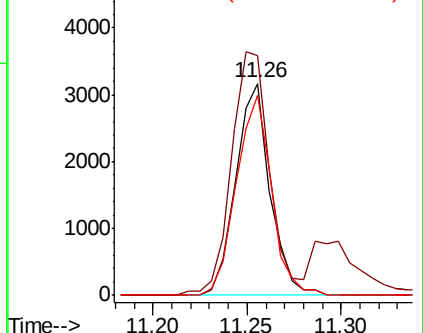
#77
Bromobenzene
Concen: 1.107 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:156 Resp: 3990
Ion Ratio Lower Upper
156 100
77 128.7 68.7 206.1
158 96.8 47.9 143.7

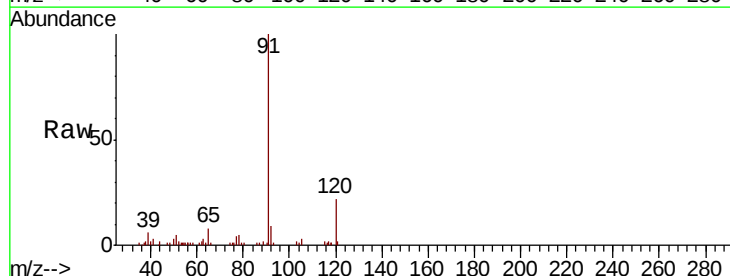


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

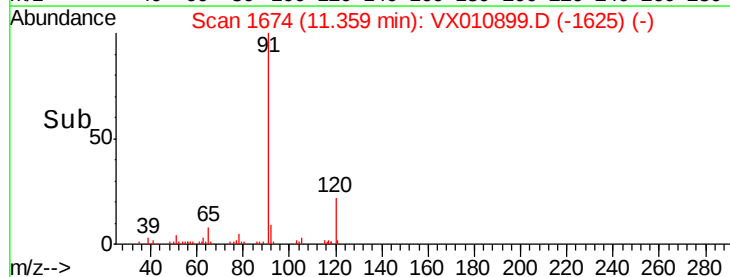
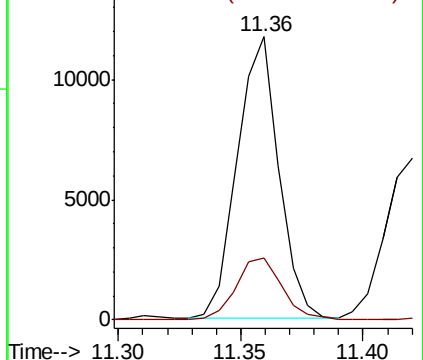


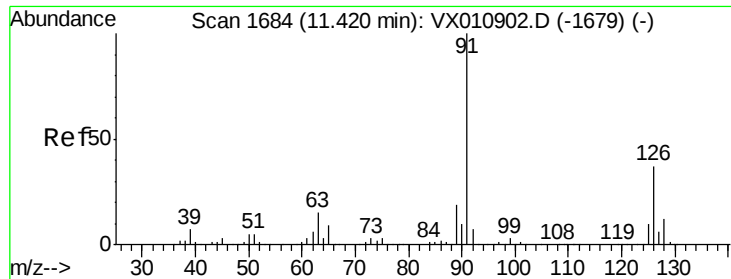
#78
n-propylbenzene
Concen: 0.971 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010899.D
Acq: 16 Jul 2019 09:43

Tgt Ion: 91 Resp: 13817
Ion Ratio Lower Upper
91 100
120 24.5 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: 1.058 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

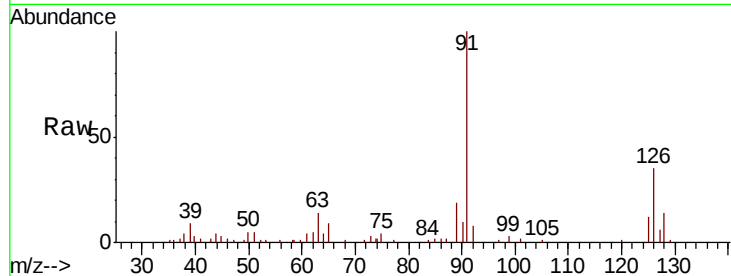
VSTDIC001

Tot Ion: 91 Resp: 8982

Ion Ratio Lower Upper

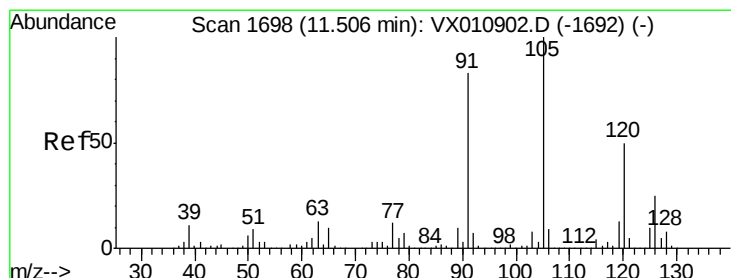
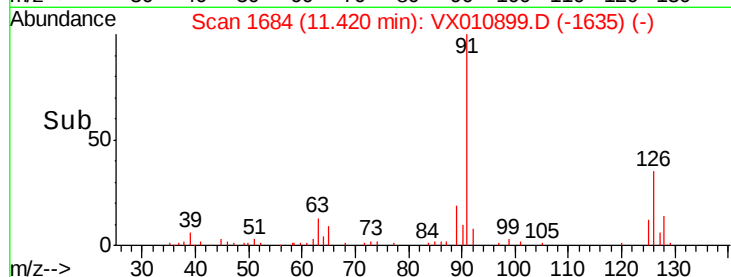
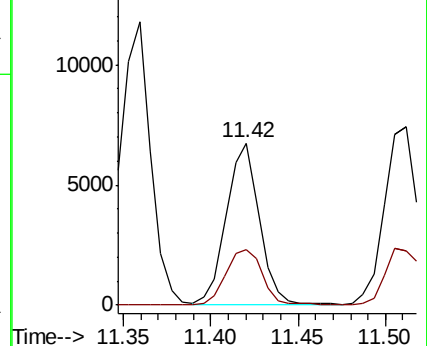
91 100

126 37.2 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.004 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010899.D

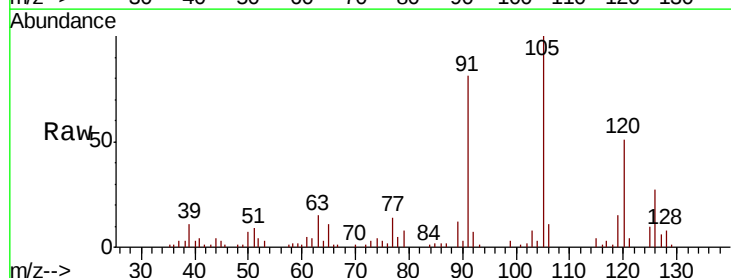
Acq: 16 Jul 2019 09:43

Tgt Ion:105 Resp: 10735

Ion Ratio Lower Upper

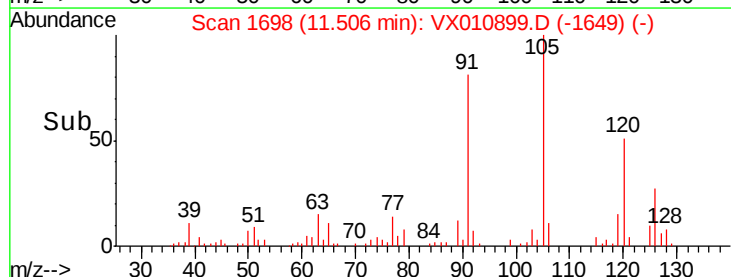
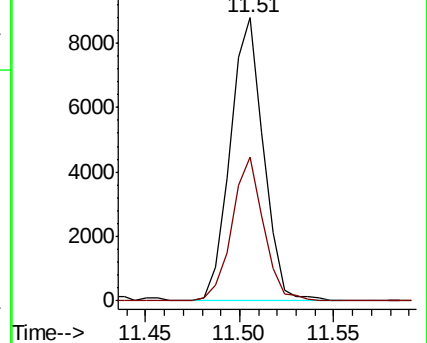
105 100

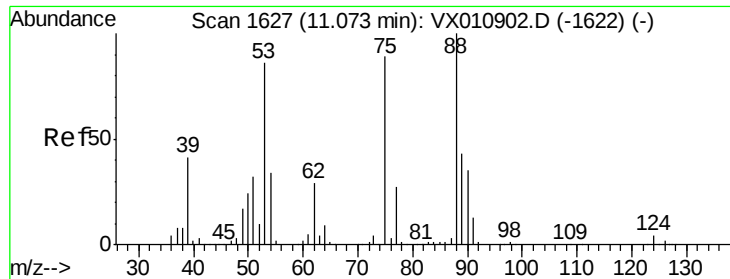
120 48.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 0.569 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

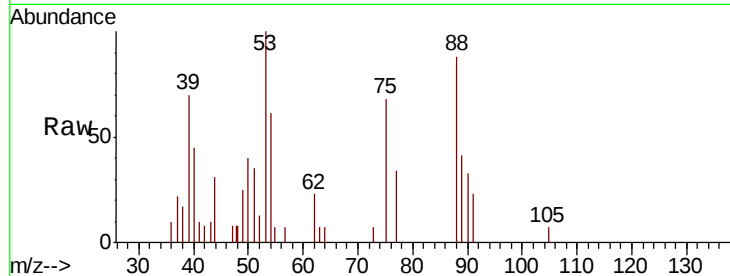
Tot Ion: 75 Resp: 822

Ion Ratio Lower Upper

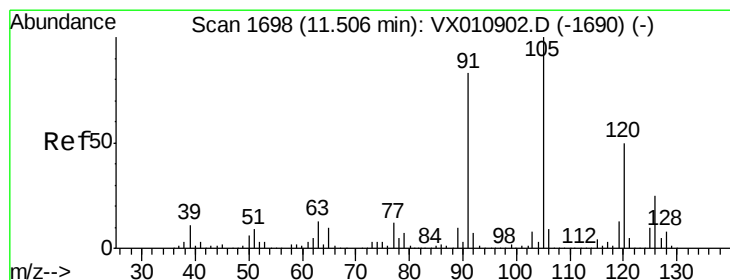
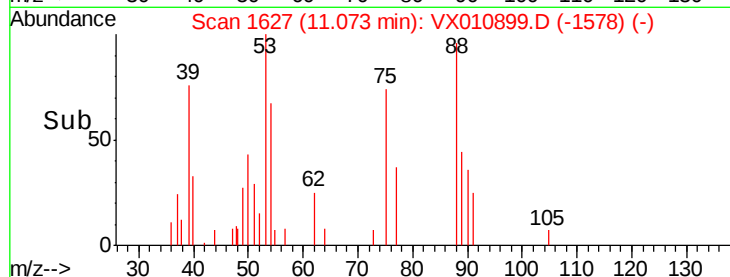
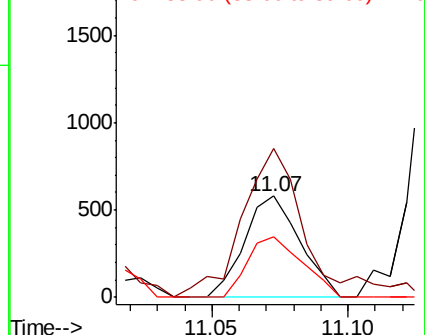
75 100

53 168.7 76.7 115.1#

89 58.5 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.040 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010899.D

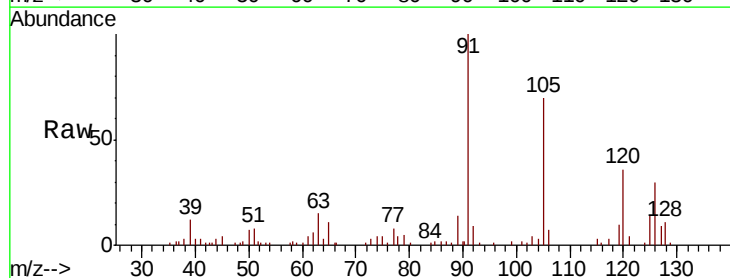
Acq: 16 Jul 2019 09:43

Tgt Ion: 91 Resp: 10053

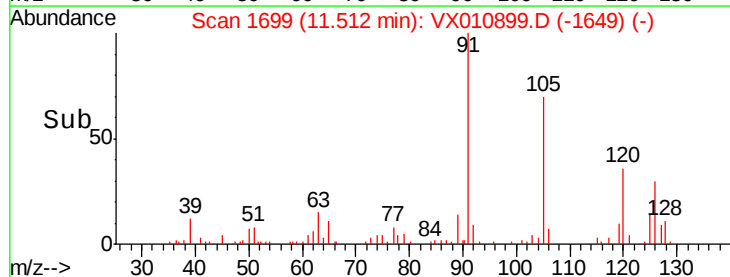
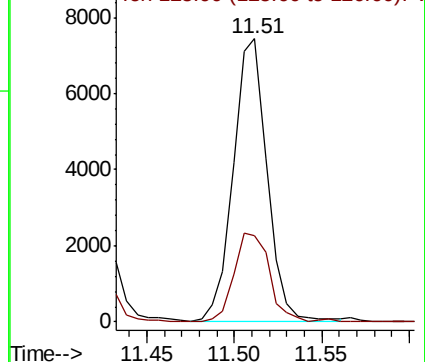
Ion Ratio Lower Upper

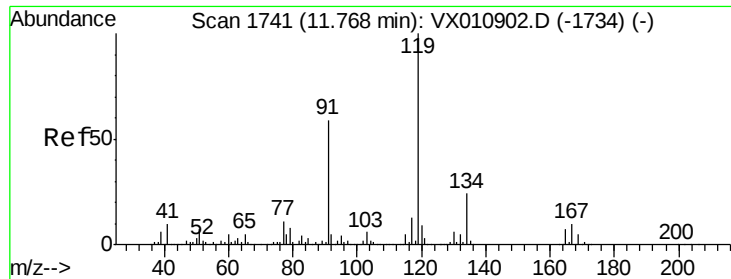
91 100

126 32.3 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

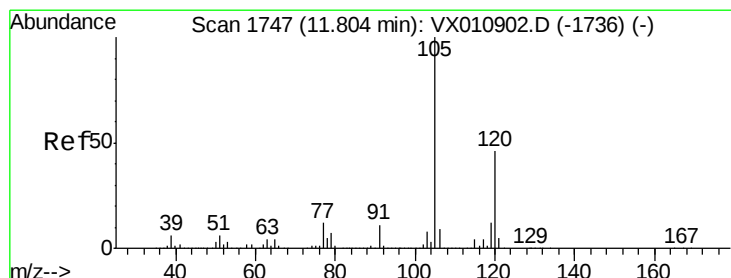
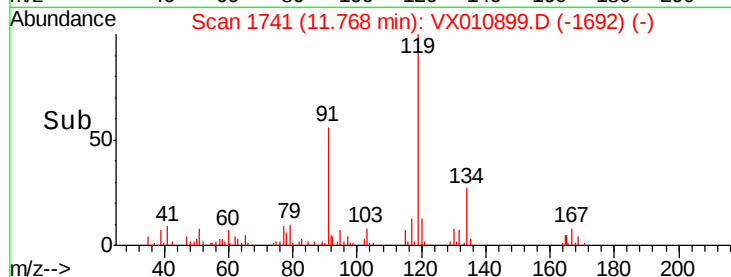
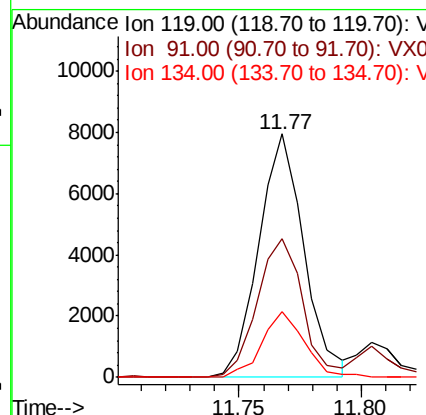
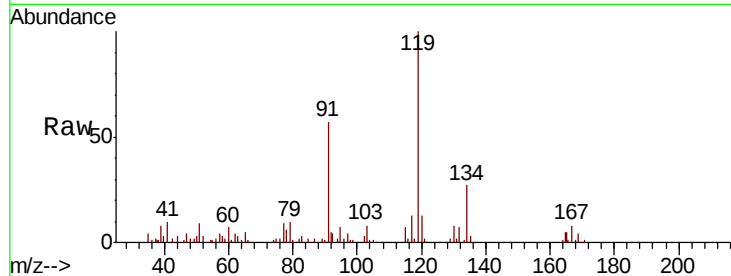




#83
 tert-Butylbenzene
 Concen: 0.954 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

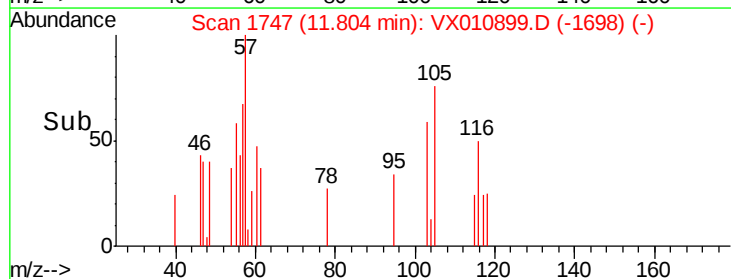
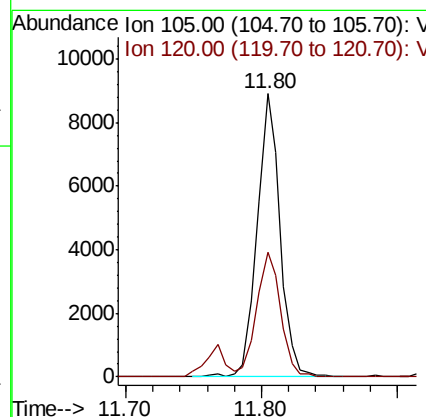
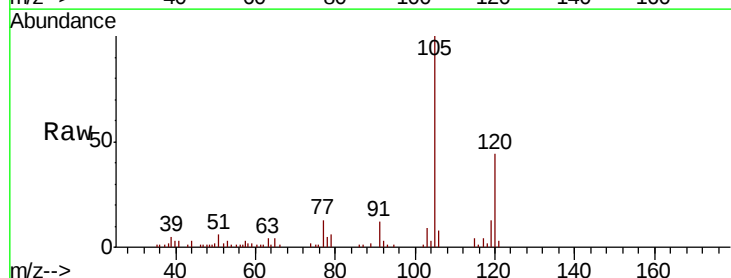
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

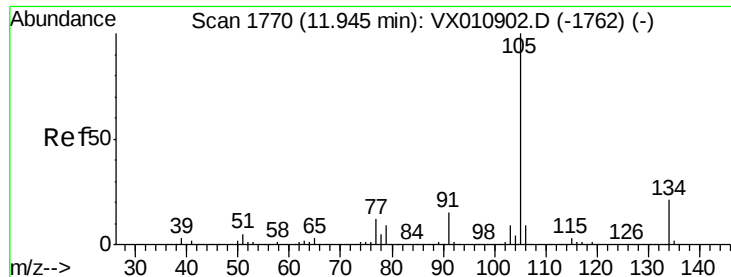
Tot Ion:119 Resp: 10218
 Ion Ratio Lower Upper
 119 100
 91 57.7 28.6 85.8
 134 25.4 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.983 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion:105 Resp: 10545
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.5





#85

sec-Butylbenzene

Concen: 0.937 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

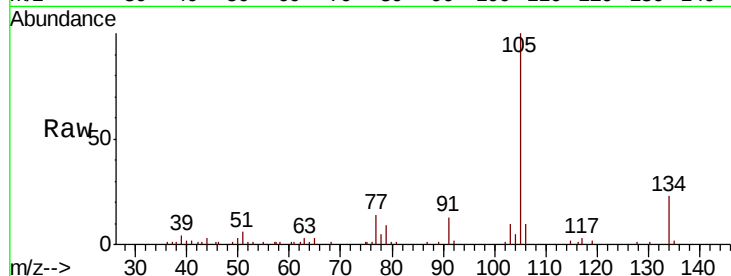
VSTDIC001

Tot Ion:105 Resp: 11780

Ion Ratio Lower Upper

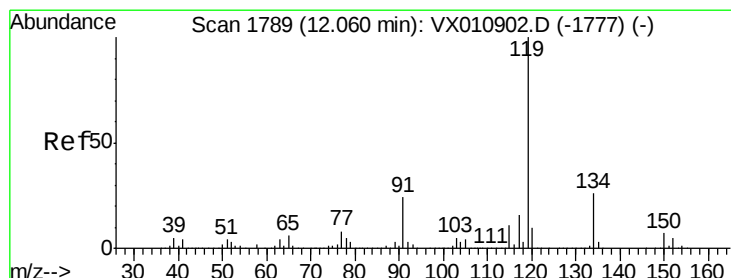
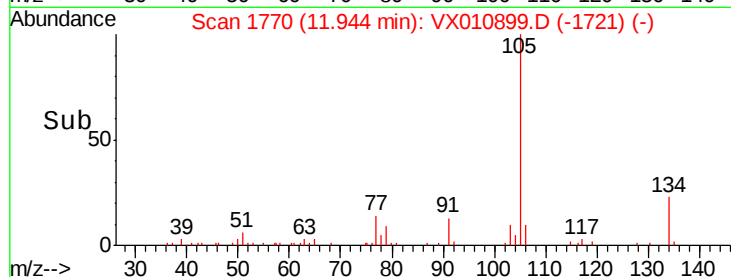
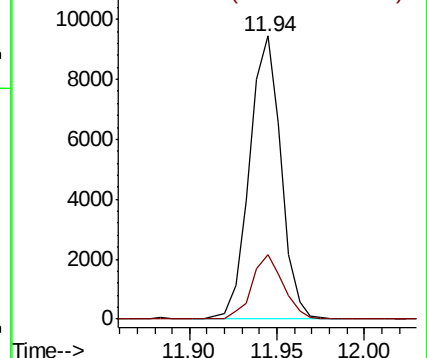
105 100

134 22.8 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: 0.920 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

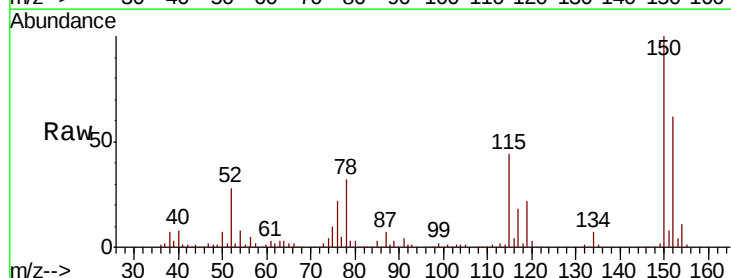
Tgt Ion:119 Resp: 10695

Ion Ratio Lower Upper

119 100

134 31.3 13.4 40.1

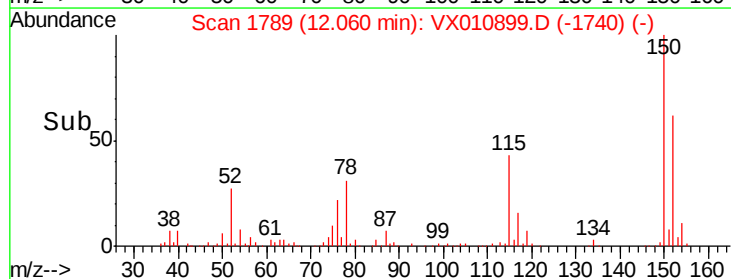
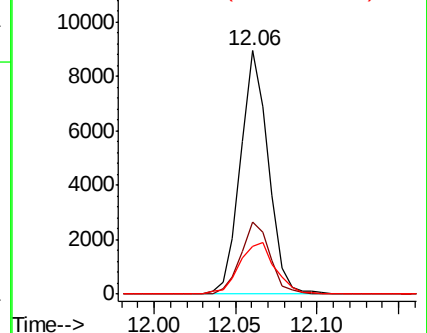
91 27.3 11.8 35.4

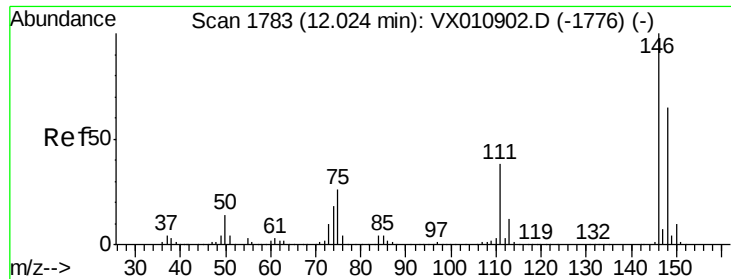


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.008 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

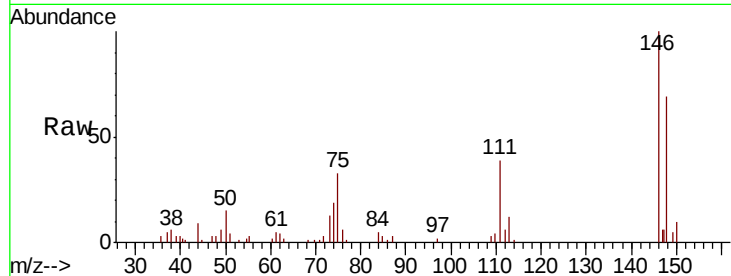
Tot Ion:146 Resp: 6355

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.9

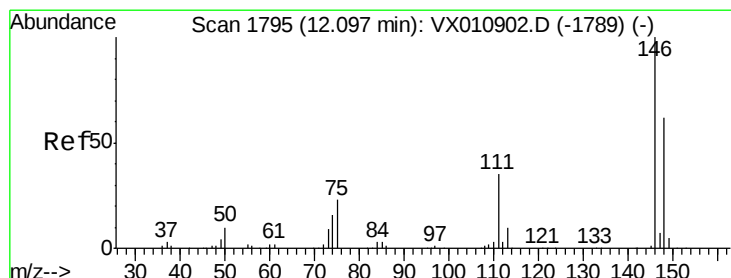
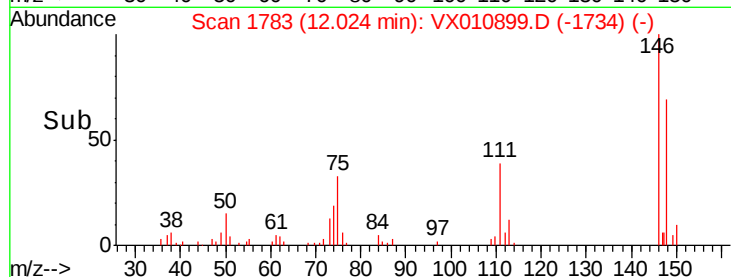
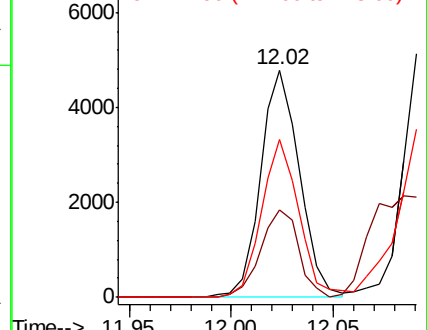
148 67.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.989 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

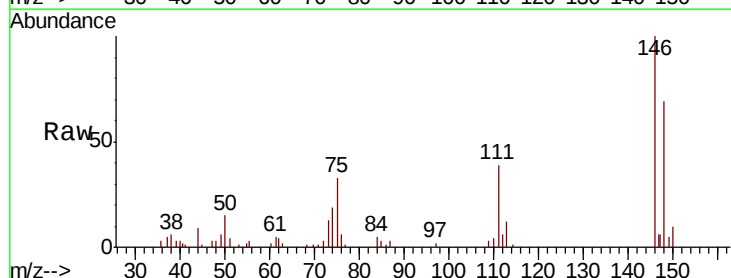
Tgt Ion:146 Resp: 6355

Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

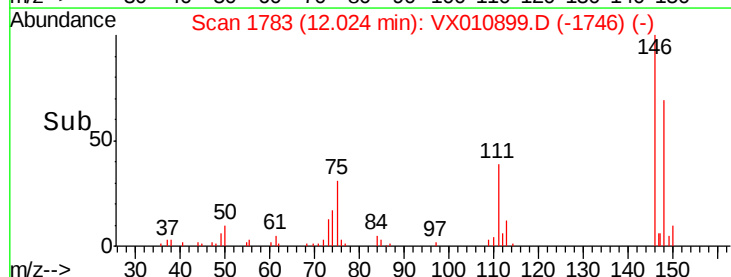
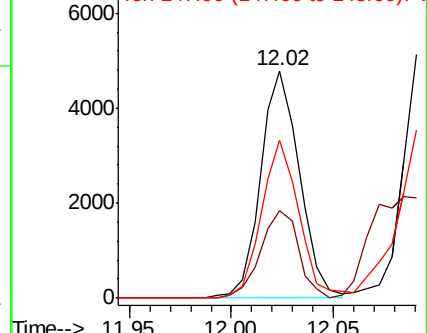
148 67.3 31.6 94.7

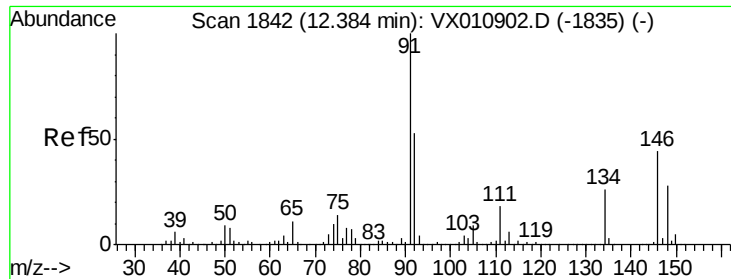


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.894 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

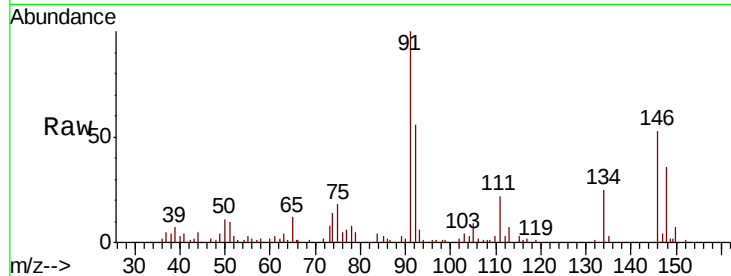
Tot Ion: 91 Resp: 8851

Ion Ratio Lower Upper

91 100

92 50.1 26.2 78.5

134 28.1 13.8 41.3

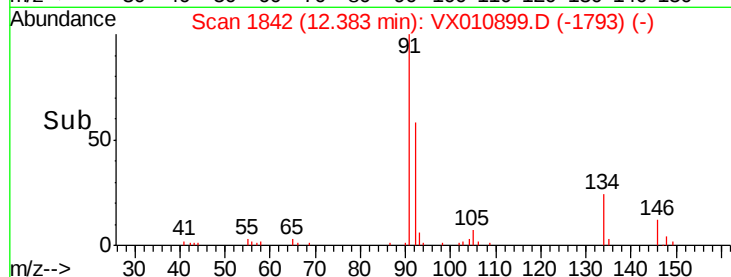


Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX010902.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX010902.D (-1835) (-)

Time-->

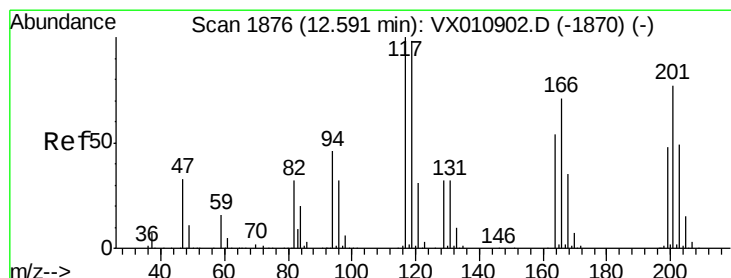


Abundance Ion 91.00 (90.70 to 91.70): VX010899.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX010899.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX010899.D (-1793) (-)

Time-->



#90

Hexachloroethane

Concen: 0.860 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX010899.D

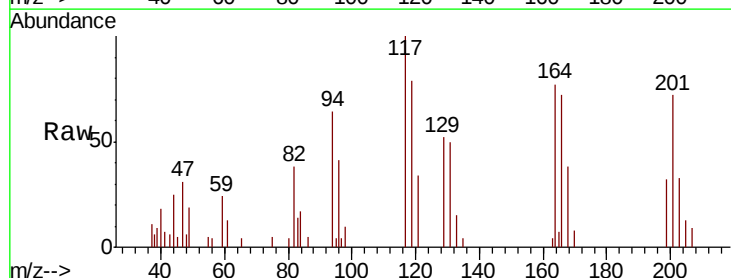
Acq: 16 Jul 2019 09:43

Tgt Ion: 117 Resp: 1696

Ion Ratio Lower Upper

117 100

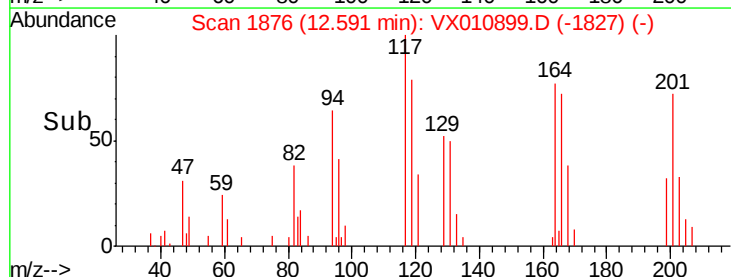
201 69.9 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): VX010902.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX010902.D (-1870) (-)

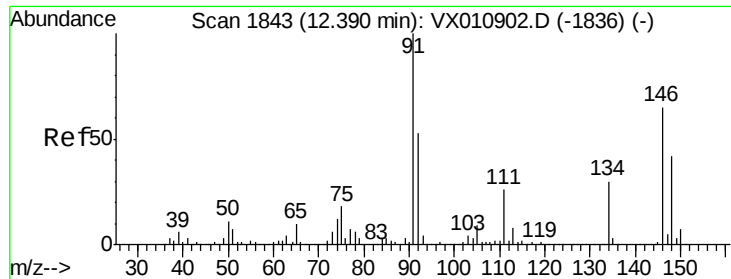
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX010899.D (-1827) (-)

Ion 200.70 (200.40 to 201.40): VX010899.D (-1827) (-)

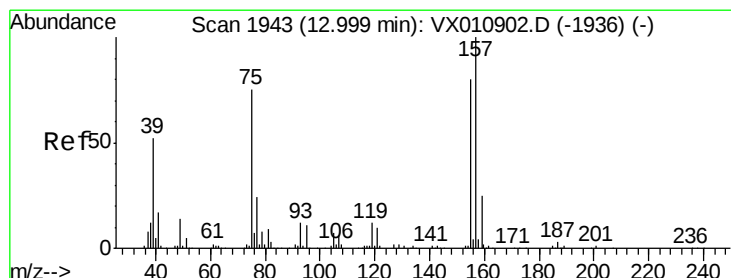
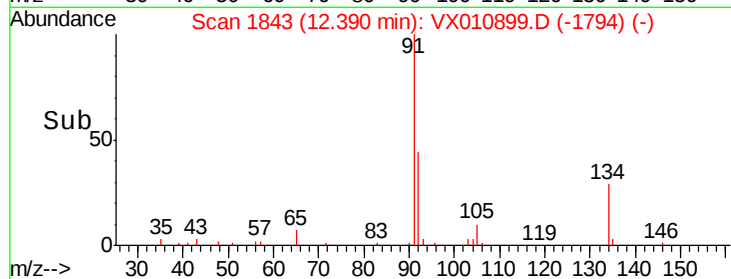
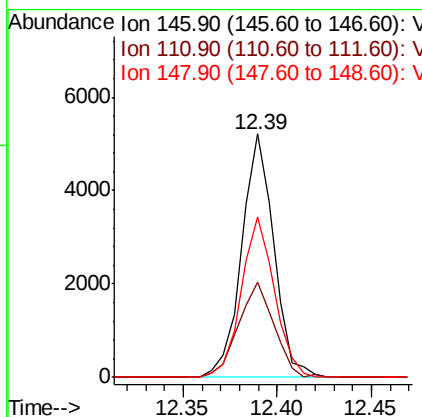
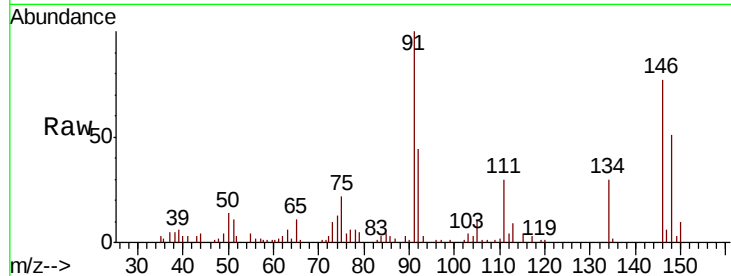
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 0.986 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

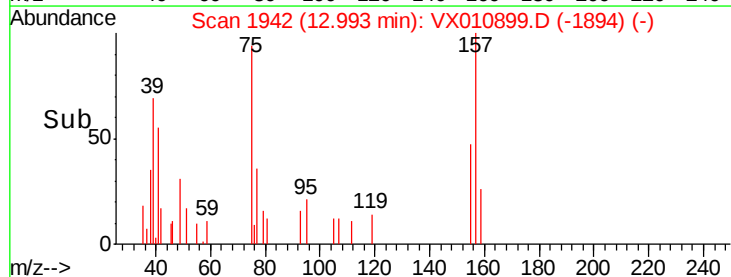
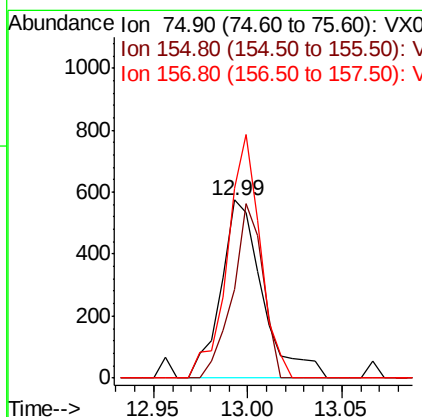
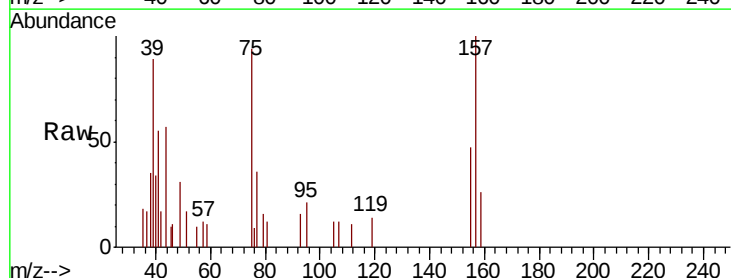
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

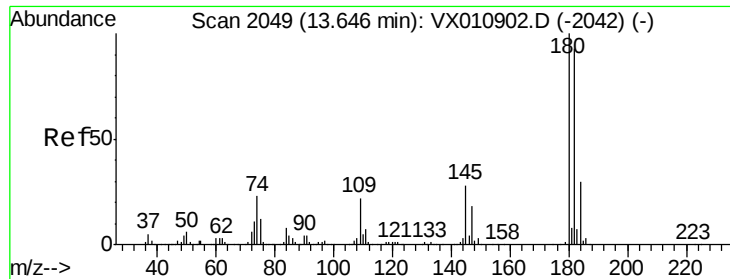
Tot Ion:146 Resp: 6183
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.9 59.7
 148 67.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.944 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion: 75 Resp: 875
 Ion Ratio Lower Upper
 75 100
 155 71.4 48.7 146.1
 157 108.2 62.5 187.6

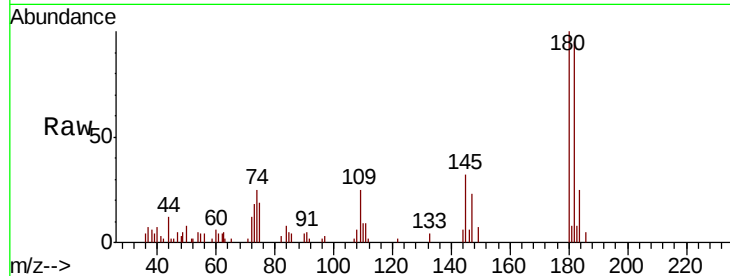




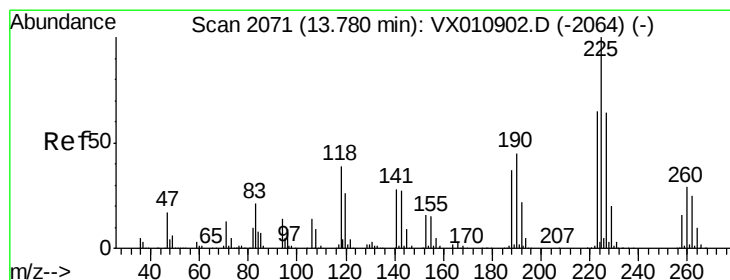
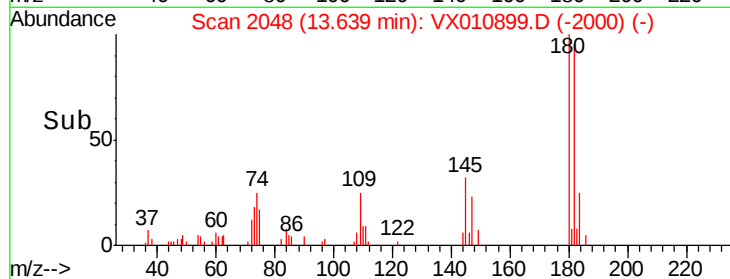
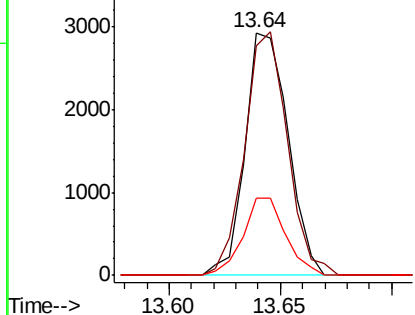
#93
 1,2,4-Trichlorobenzene
 Concen: 0.911 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.1	141.3
145	31.9	14.8	44.4

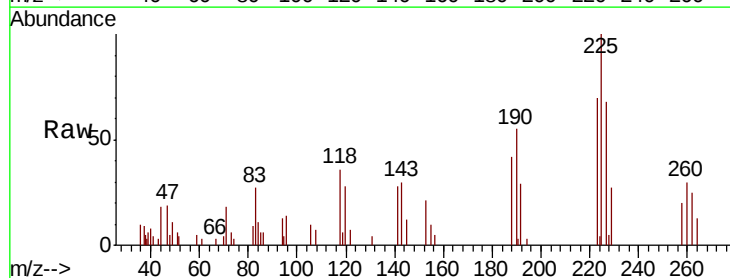


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

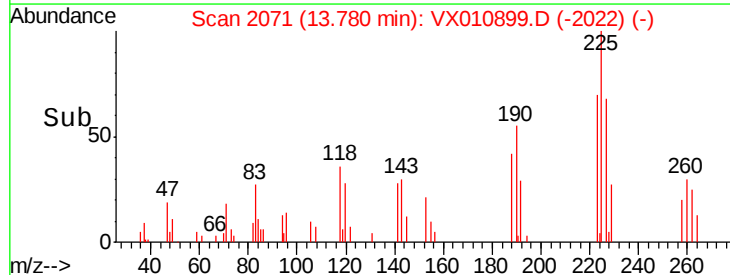
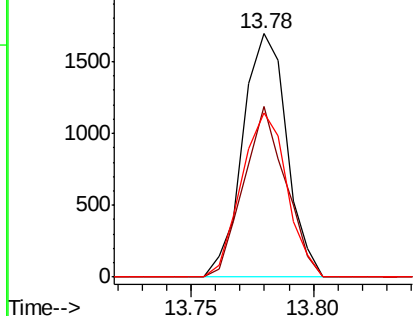


#94
 Hexachlorobutadiene
 Concen: 1.007 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010899.D
 Acq: 16 Jul 2019 09:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	31.9	95.9
227	70.0	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.811 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

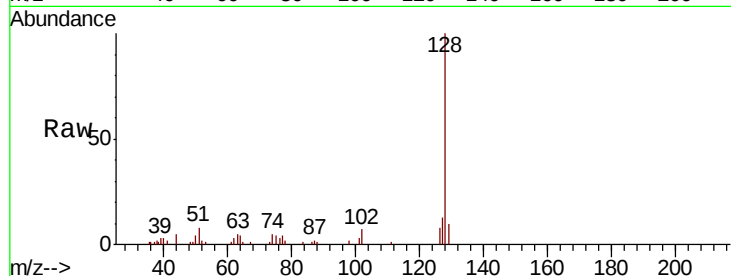
Tot Ion:128 Resp: 10725

Ion Ratio Lower Upper

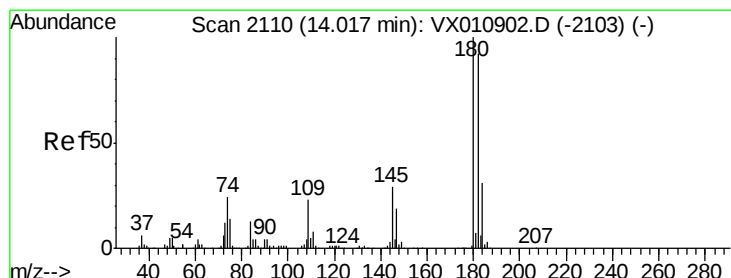
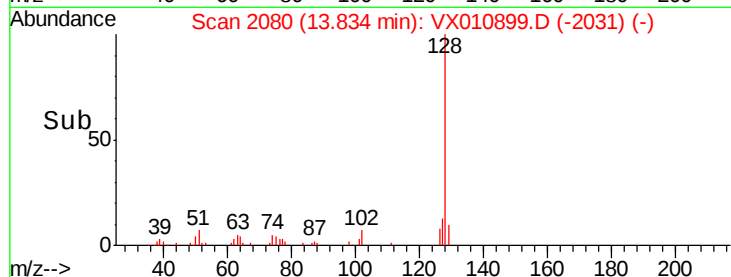
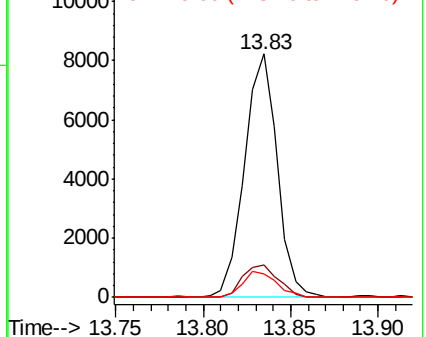
128 100

127 14.3 10.4 15.6

129 11.0 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 0.954 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010899.D

Acq: 16 Jul 2019 09:43

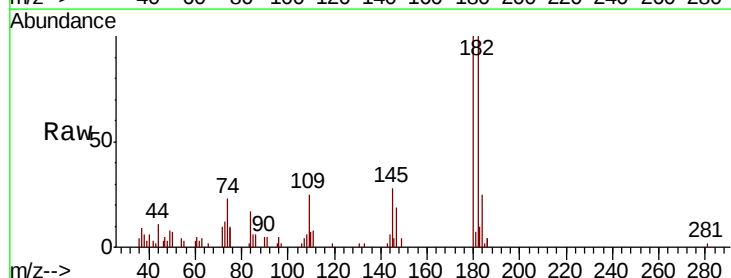
Tgt Ion:180 Resp: 4098

Ion Ratio Lower Upper

180 100

182 90.7 47.4 142.3

145 28.4 15.1 45.3



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

