

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011260.D
 Acq On : 01 Aug 2019 15:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 02 01:26:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	139565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	203281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	182556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93808	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	8121	5.54	ug/l	0.00
Spiked Amount			Recovery	=	11.08%	
35) Dibromofluoromethane	5.49	113	7243	5.61	ug/l	0.00
Spiked Amount			Recovery	=	11.22%	
50) Toluene-d8	8.71	98	27288	5.65	ug/l	0.00
Spiked Amount			Recovery	=	11.30%	
62) 4-Bromofluorobenzene	11.13	95	8555	4.84	ug/l	0.00
Spiked Amount			Recovery	=	9.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	5386	4.366	ug/l	86
3) Chloromethane	1.32	50	6751	5.334	ug/l	97
4) Vinyl Chloride	1.40	62	7347	5.628	ug/l	91
5) Bromomethane	1.63	94	5776	7.353	ug/l	92
6) Chloroethane	1.71	64	5030	5.970	ug/l #	88
7) Trichlorofluoromethane	1.92	101	13284	5.910	ug/l	94
8) Diethyl Ether	2.18	74	4720	6.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7362	5.791	ug/l	97
10) Methyl Iodide	2.50	142	7091	4.264	ug/l	99
11) Tert butyl alcohol	3.04	59	9682	28.548	ug/l	100
12) 1,1-Dichloroethene	2.37	96	6877	5.530	ug/l	97
13) Acrolein	2.28	56	5899	30.135	ug/l	97
14) Allyl chloride	2.71	41	8783	4.869	ug/l	96
15) Acrylonitrile	3.14	53	18429	26.292	ug/l	99
16) Acetone	2.43	43	18345	27.340	ug/l	100
17) Carbon Disulfide	2.56	76	14723	4.654	ug/l	98
18) Methyl Acetate	2.76	43	8284	5.361	ug/l	91
19) Methyl tert-butyl Ether	3.18	73	19778	4.947	ug/l	99
20) Methylene Chloride	2.85	84	8101	5.668	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	7346	5.522	ug/l	93
22) Diisopropyl ether	3.84	45	20022	5.252	ug/l #	82
23) Vinyl Acetate	3.81	43	77113	23.861	ug/l	100
24) 1,1-Dichloroethane	3.69	63	12226	5.499	ug/l	96
25) 2-Butanone	4.67	43	25796	26.708	ug/l	97
26) 2,2-Dichloropropane	4.57	77	8616	4.754	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	8433	5.488	ug/l	98
28) Bromochloromethane	5.00	49	5096	4.917	ug/l	92
29) Tetrahydrofuran	5.12	42	15612	25.560	ug/l	99
30) Chloroform	5.21	83	12571	5.227	ug/l	99
31) Cyclohexane	5.57	56	10159	5.096	ug/l	88
32) 1,1,1-Trichloroethane	5.48	97	10271	4.951	ug/l	97
36) 1,1-Dichloropropene	5.79	75	9258	5.484	ug/l	98
37) Ethyl Acetate	4.83	43	8717	5.089	ug/l #	90
38) Carbon Tetrachloride	5.78	117	8486	4.832	ug/l	93

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 Data File : VX011260.D
 Acq On : 01 Aug 2019 15:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 02 01:26:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	11174	5.184	ug/l	97
40) Benzene	6.13	78	27840	5.384	ug/l	100
41) Methacrylonitrile	5.04	41	4706	4.786	ug/l #	88
42) 1,2-Dichloroethane	6.18	62	9646	5.391	ug/l	94
43) Isopropyl Acetate	6.44	43	14098	4.994	ug/l	97
44) Trichloroethene	7.21	130	8537	5.569	ug/l	99
45) 1,2-Dichloropropane	7.51	63	7359	5.592	ug/l	97
46) Dibromomethane	7.66	93	5508	5.862	ug/l	91
47) Bromodichloromethane	7.89	83	8076	4.845	ug/l	90
48) Methyl methacrylate	7.77	41	6972	5.077	ug/l	92
49) 1,4-Dioxane	7.74	88	3998	103.507	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	47131	25.668	ug/l	98
52) Toluene	8.78	92	18482	5.436	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	7367	4.121	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	9124	4.577	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	7454	5.324	ug/l	97
56) Ethyl methacrylate	9.18	69	9932	4.886	ug/l	95
57) 1,3-Dichloropropane	9.37	76	12355	5.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	27208	27.932	ug/l	100
59) 2-Hexanone	9.49	43	36233	25.442	ug/l	100
60) Dibromochloromethane	9.58	129	6565	4.645	ug/l	99
61) 1,2-Dibromoethane	9.67	107	7975	5.364	ug/l	89
64) Tetrachloroethene	9.34	164	8977	6.147	ug/l	92
65) Chlorobenzene	10.13	112	21467	5.645	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	6658	5.000	ug/l	97
67) Ethyl Benzene	10.25	91	34945	5.417	ug/l	96
68) m/p-Xylenes	10.36	106	26157	10.517	ug/l	93
69) o-Xylene	10.69	106	13138	5.430	ug/l	96
70) Styrene	10.71	104	20728	5.132	ug/l	99
71) Bromoform	10.85	173	4525	4.261	ug/l #	96
73) Isopropylbenzene	11.02	105	34348	5.364	ug/l	97
74) N-amyl acetate	10.90	43	10960	4.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	12009	5.727	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	11051	6.468	ug/l	88
77) Bromobenzene	11.26	156	9334	5.281	ug/l	97
78) n-propylbenzene	11.36	91	37658	5.328	ug/l	99
79) 2-Chlorotoluene	11.42	91	23120	5.459	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	28600	5.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	2353	3.818	ug/l #	83
82) 4-Chlorotoluene	11.51	91	26414	5.350	ug/l	98
83) tert-Butylbenzene	11.77	119	27866	5.309	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	27984	5.192	ug/l	100
85) sec-Butylbenzene	11.94	105	33202	5.390	ug/l	98
86) p-Isopropyltoluene	12.06	119	30054	5.273	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	17173	5.583	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	18267	5.795	ug/l	96
89) n-Butylbenzene	12.38	91	24707	5.067	ug/l	97
90) Hexachloroethane	12.59	117	3805	4.251	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	17148	5.619	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1918	4.417	ug/l	91

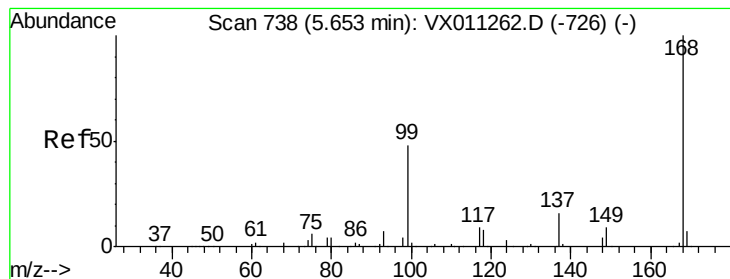
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
Data File : VX011260.D
Acq On : 01 Aug 2019 15:22
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 02 01:26:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:21:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	10628	5.154	ug/l	96
94) Hexachlorobutadiene	13.78	225	5626	5.485	ug/l	97
95) Naphthalene	13.83	128	29281	4.804	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	10774	5.240	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

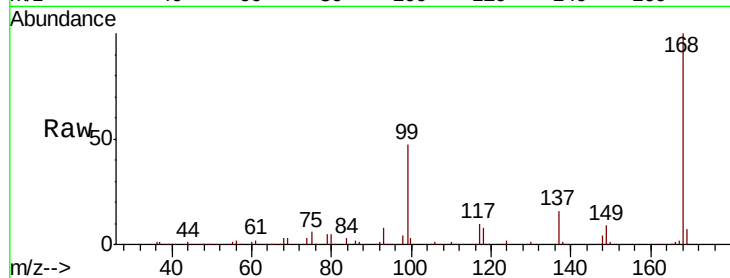
VSTDIC005

Tot Ion:168 Resp: 139565

Ion Ratio Lower Upper

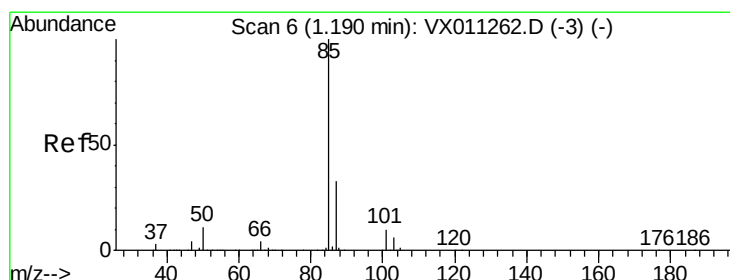
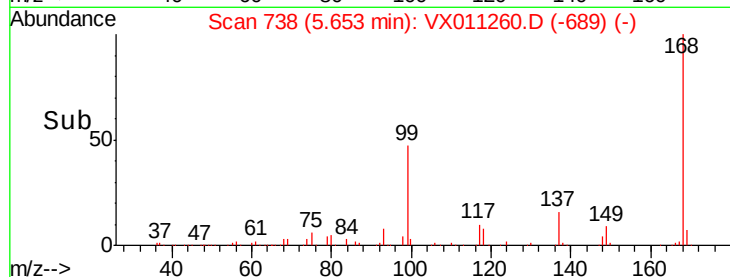
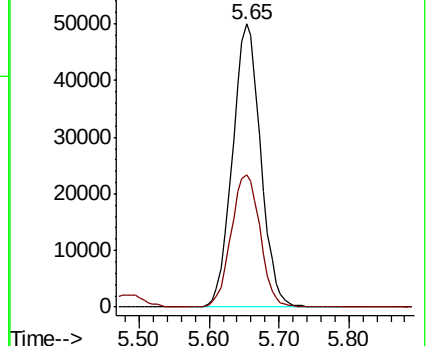
168 100

99 46.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.366 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011260.D

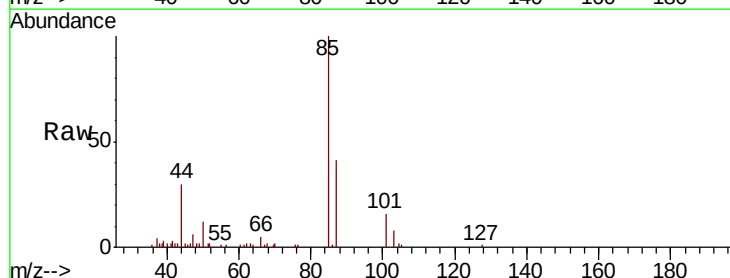
Acq: 01 Aug 2019 15:22

Tgt Ion: 85 Resp: 5386

Ion Ratio Lower Upper

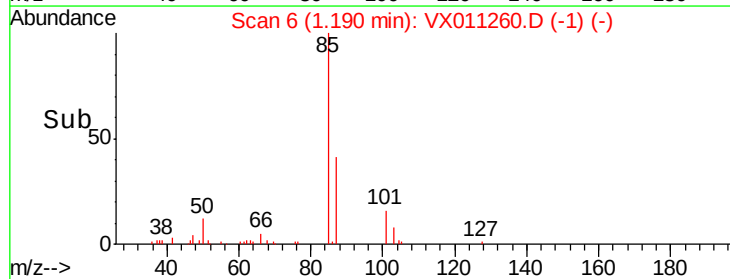
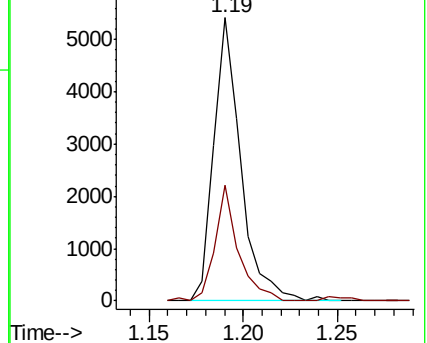
85 100

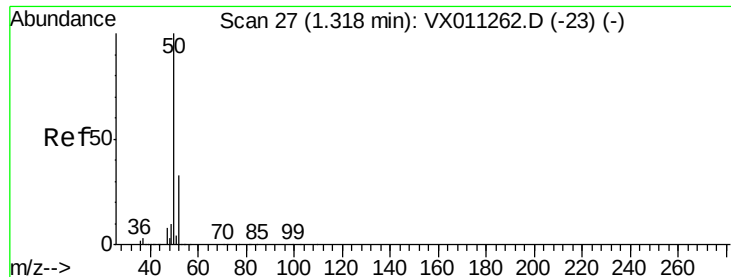
87 40.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.334 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

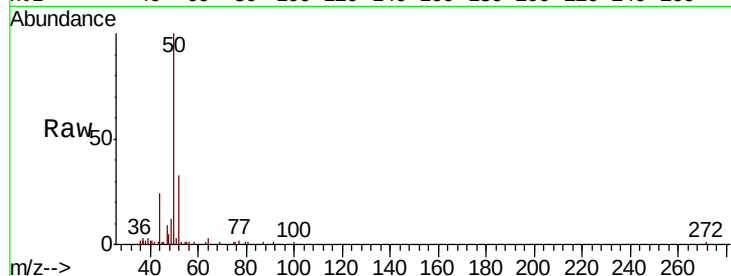
VSTDIC005

Tot Ion: 50 Resp: 6751

Ion Ratio Lower Upper

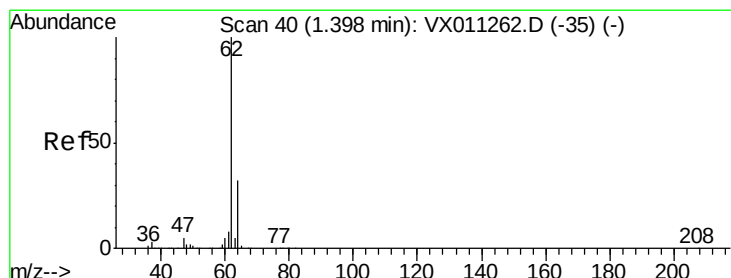
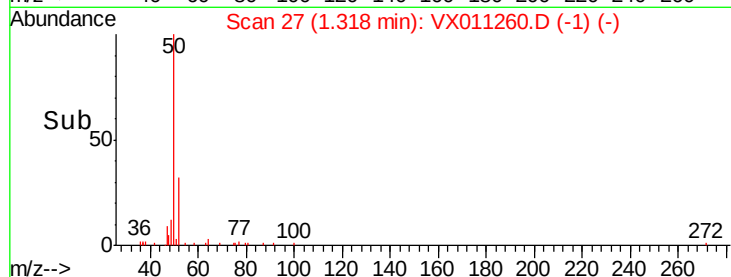
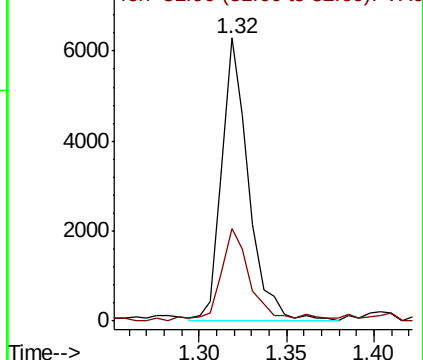
50 100

52 31.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.628 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011260.D

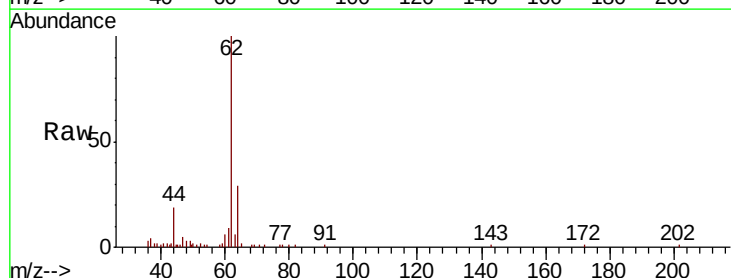
Acq: 01 Aug 2019 15:22

Tgt Ion: 62 Resp: 7347

Ion Ratio Lower Upper

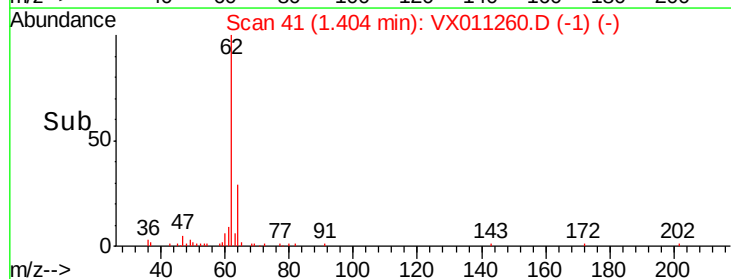
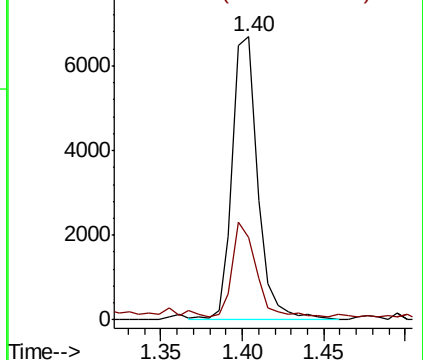
62 100

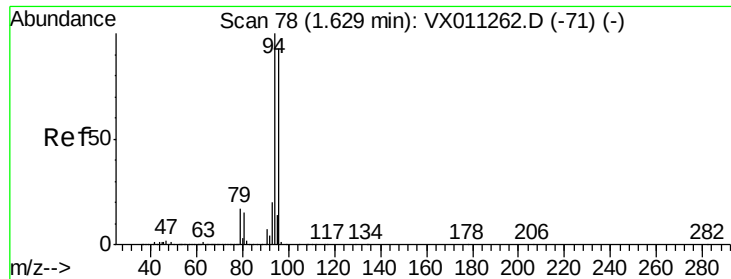
64 27.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 7.353 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

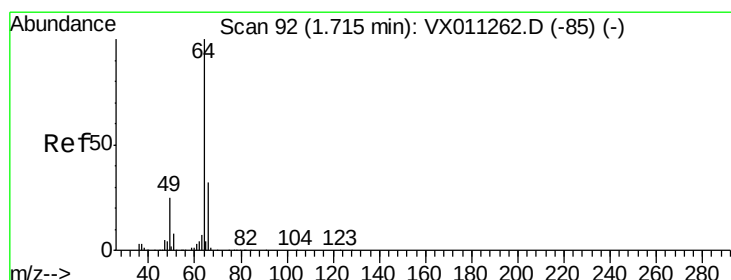
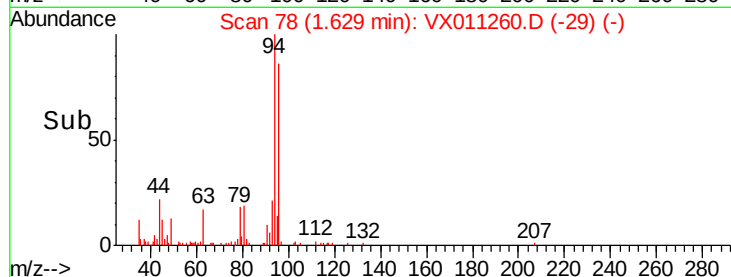
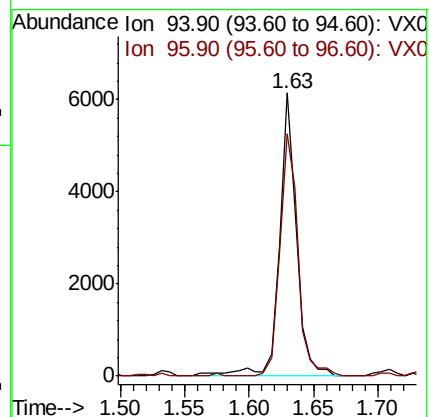
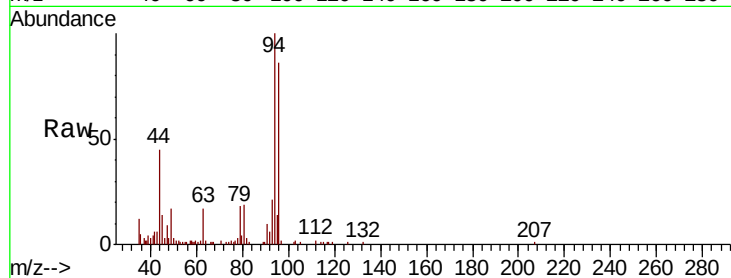
VSTDIC005

Tot Ion: 94 Resp: 5776

Ion Ratio Lower Upper

94 100

96 85.6 74.6 112.0



#6

Chloroethane

Concen: 5.970 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011260.D

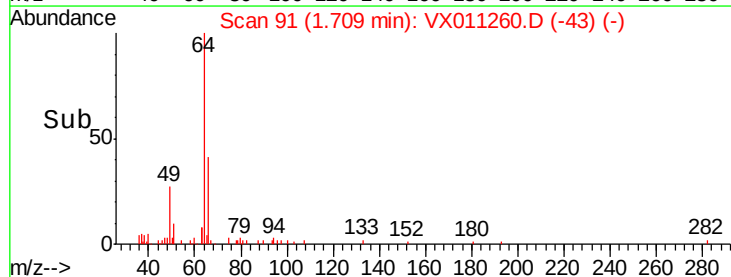
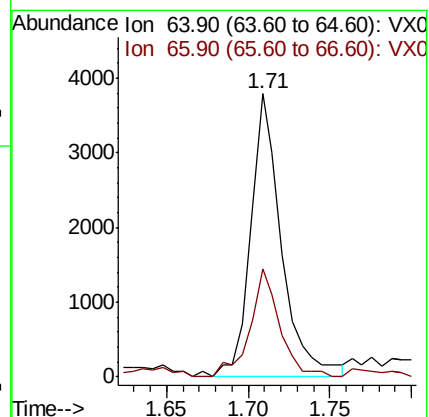
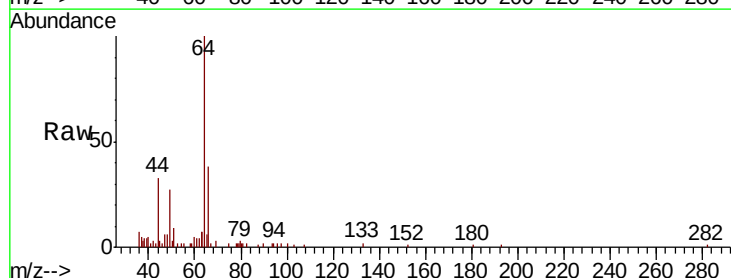
Acq: 01 Aug 2019 15:22

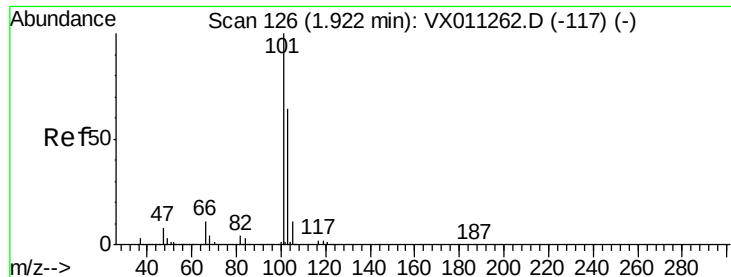
Tgt Ion: 64 Resp: 5030

Ion Ratio Lower Upper

64 100

66 37.9 25.1 37.7#



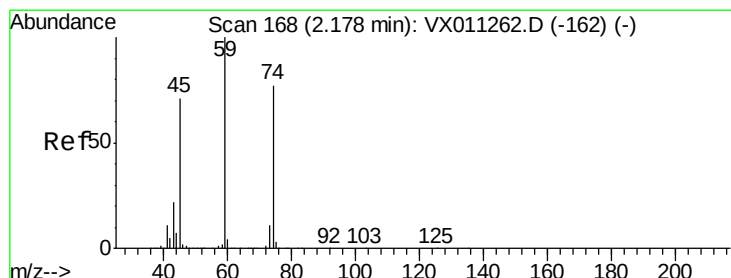
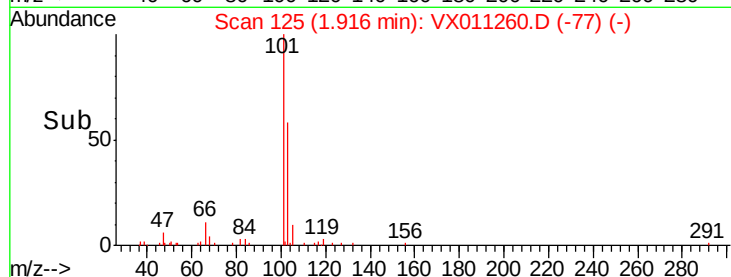
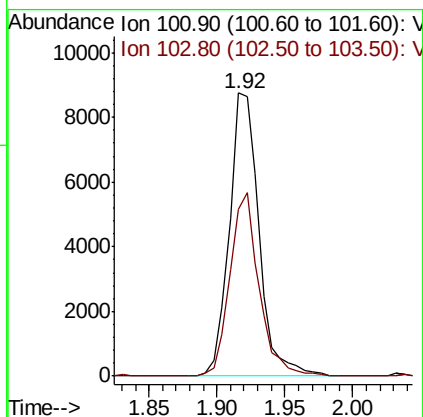
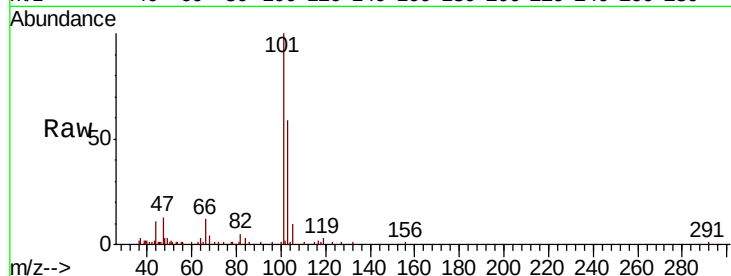


#7

Trichlorofluoromethane
 Concen: 5.910 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

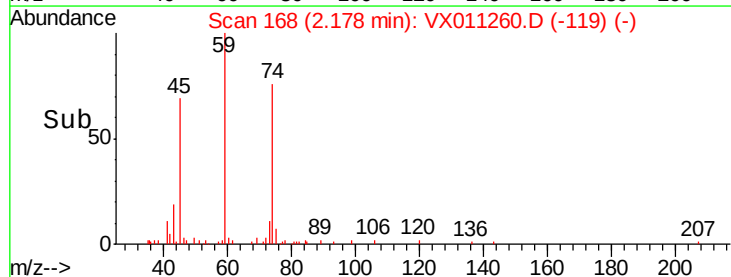
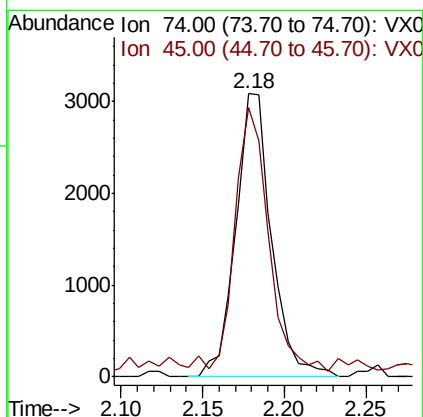
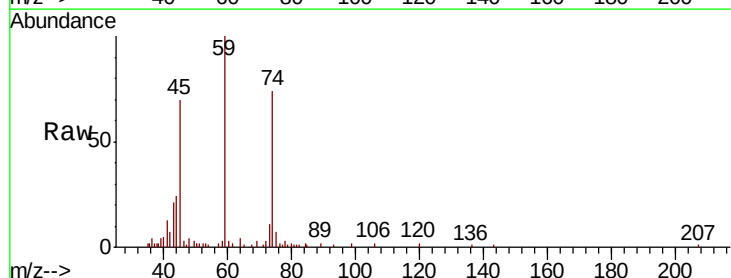
Tot Ion:101 Resp: 13284
 Ion Ratio Lower Upper
 101 100
 103 58.8 50.9 76.3

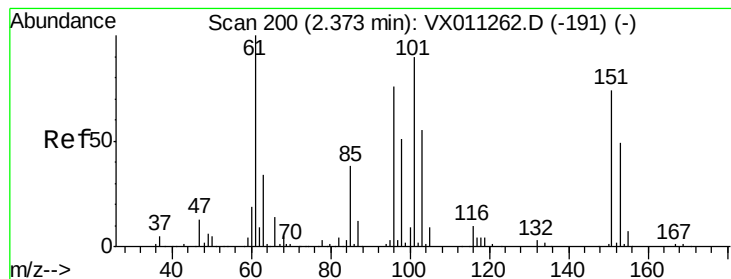


#8

Diethyl Ether
 Concen: 6.079 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion: 74 Resp: 4720
 Ion Ratio Lower Upper
 74 100
 45 90.3 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.791 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

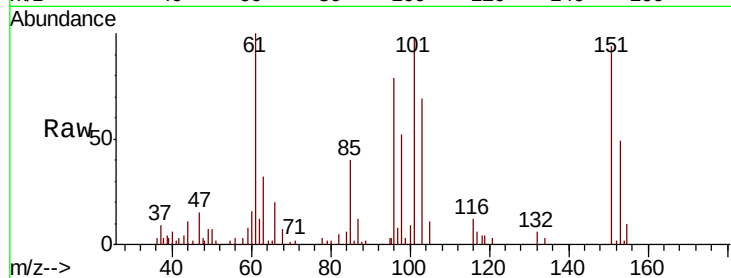
Tot Ion:101 Resp: 7362

Ion Ratio Lower Upper

101 100

85 43.6 33.8 50.6

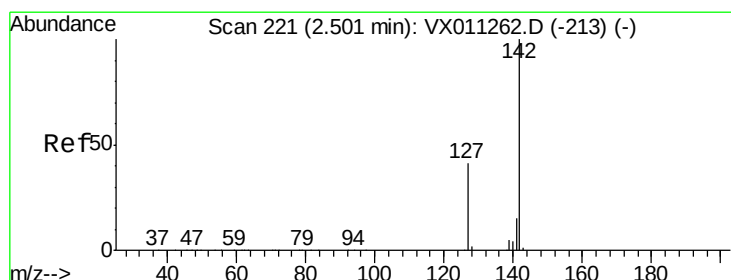
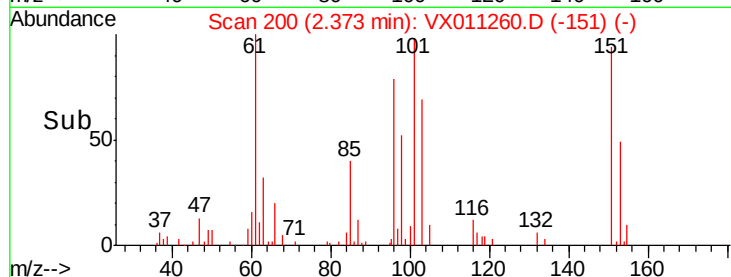
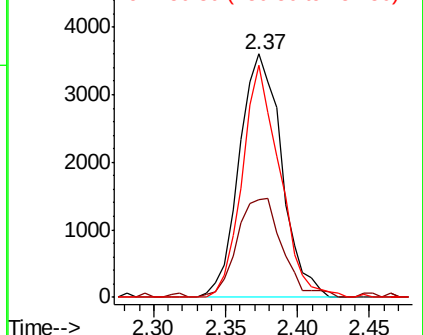
151 84.3 69.5 104.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.264 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

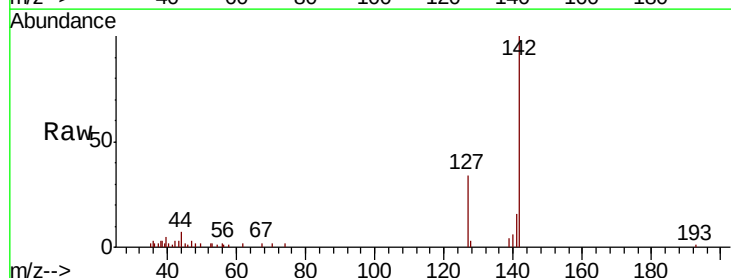
Tgt Ion:142 Resp: 7091

Ion Ratio Lower Upper

142 100

127 41.6 33.8 50.8

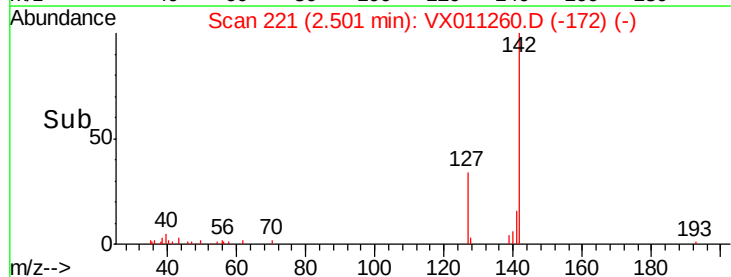
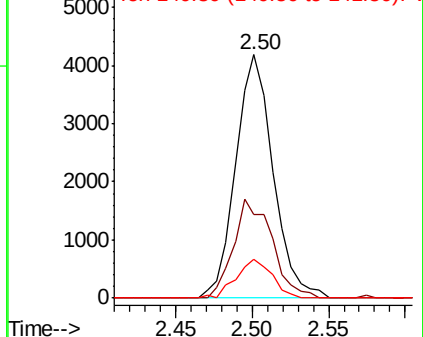
141 15.1 11.4 17.2

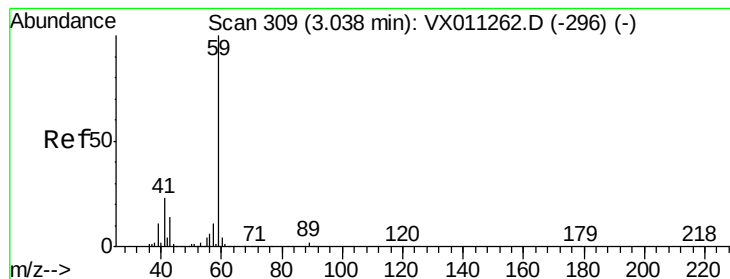


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 28.548 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

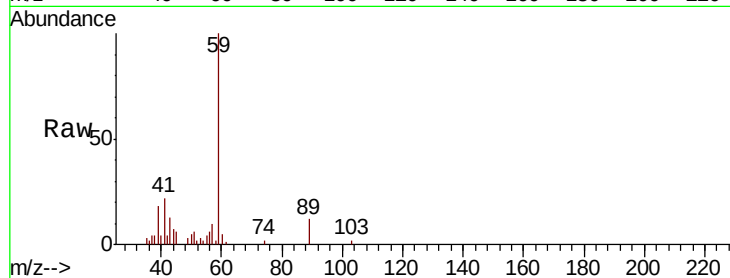
VSTDIC005

Tot Ion: 59 Resp: 9682

Ion Ratio Lower Upper

59 100

57 10.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

4000

3000

2000

1000

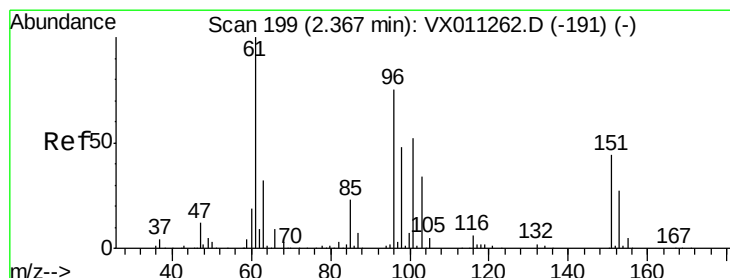
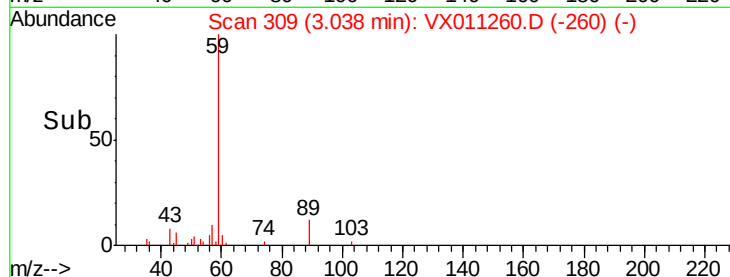
0

Time-->

2.90

3.00

3.10



#12

1,1-Dichloroethene

Concen: 5.530 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

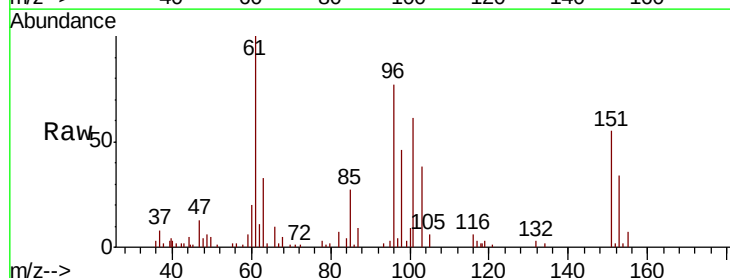
Tgt Ion: 96 Resp: 6877

Ion Ratio Lower Upper

96 100

61 130.7 106.2 159.2

98 59.9 50.6 75.8



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

8000

6000

4000

2000

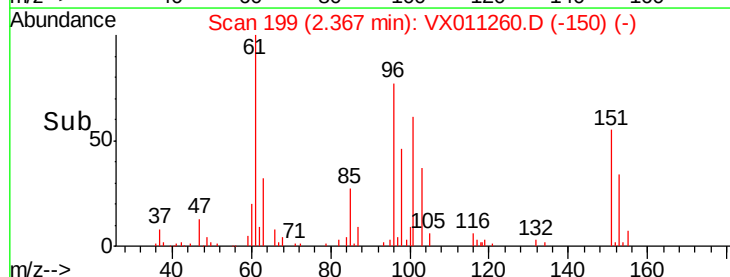
0

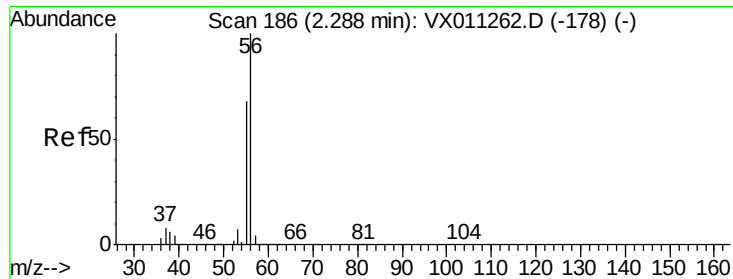
Time-->

2.30

2.35

2.40





#13

Acrolein

Concen: 30.135 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

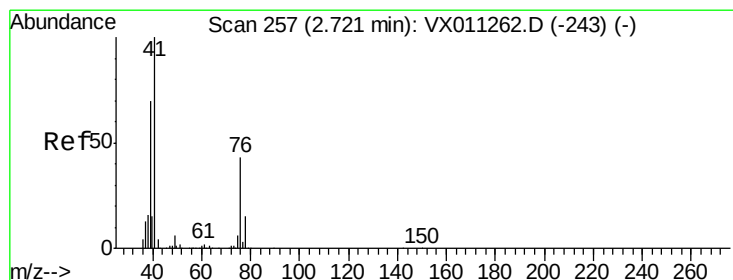
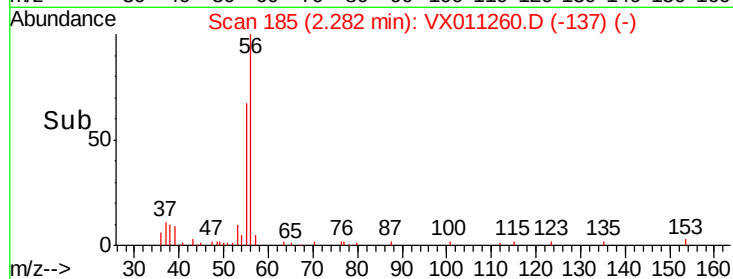
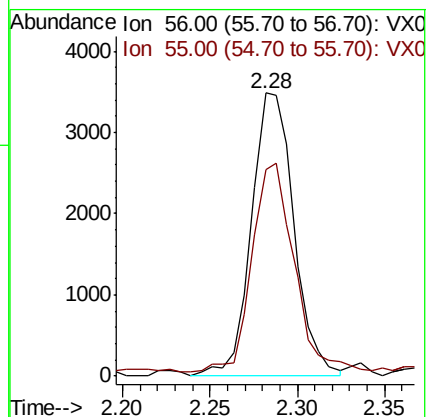
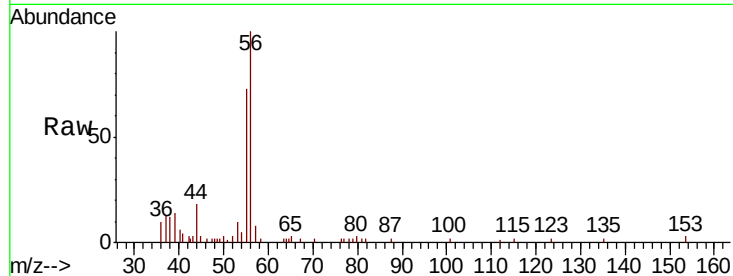
VSTDIC005

Tot Ion: 56 Resp: 5899

Ion Ratio Lower Upper

56 100

55 72.6 56.0 84.0



#14

Allyl chloride

Concen: 4.869 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

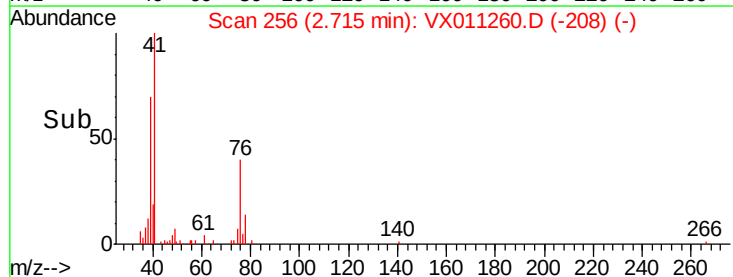
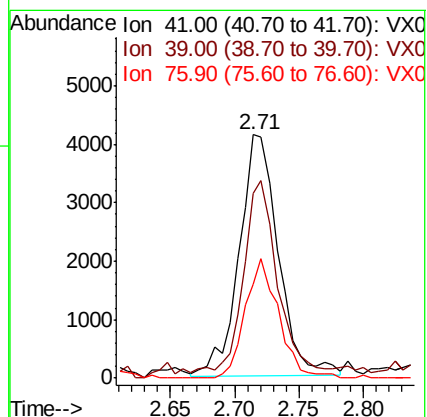
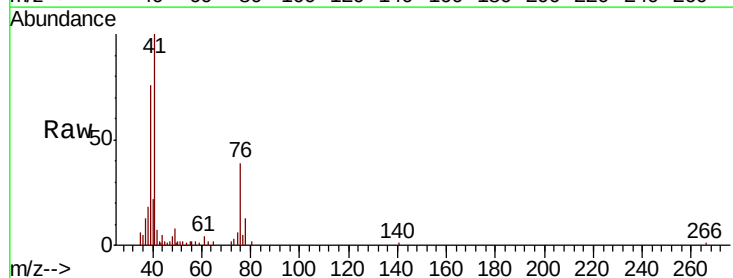
Tgt Ion: 41 Resp: 8783

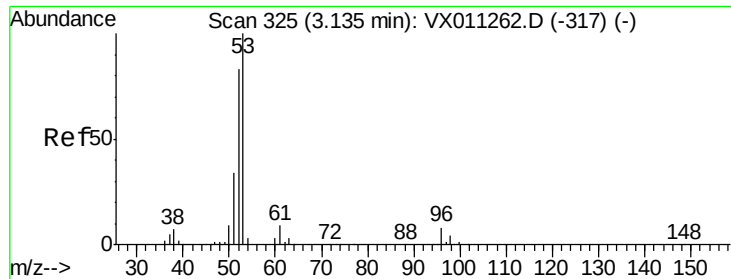
Ion Ratio Lower Upper

41 100

39 68.6 52.8 79.2

76 41.8 31.1 46.7





#15

Acrylonitrile

Concen: 26.292 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

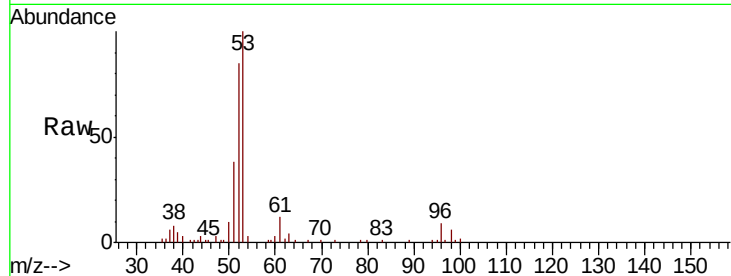
Tot Ion: 53 Resp: 18429

Ion Ratio Lower Upper

53 100

52 81.3 65.5 98.3

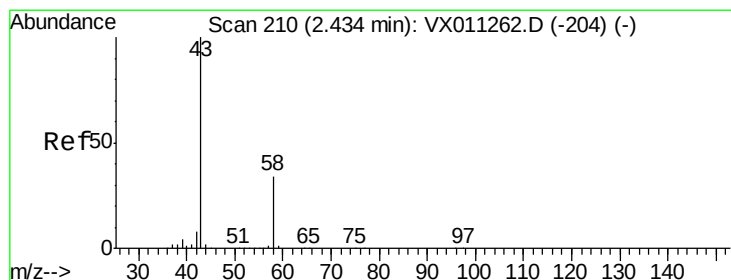
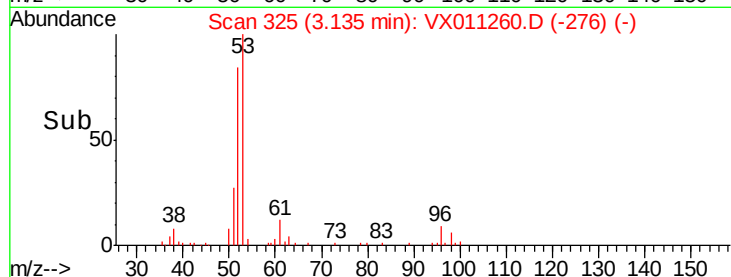
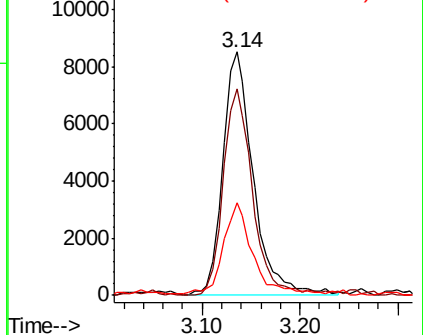
51 36.6 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 27.340 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011260.D

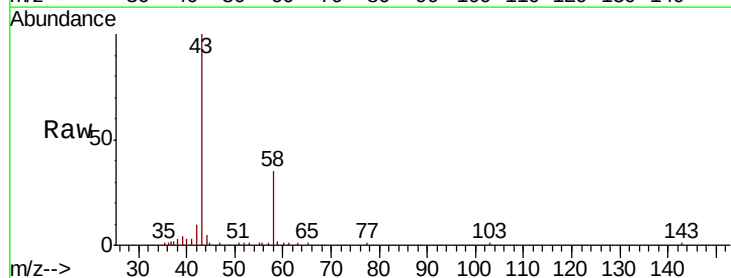
Acq: 01 Aug 2019 15:22

Tgt Ion: 43 Resp: 18345

Ion Ratio Lower Upper

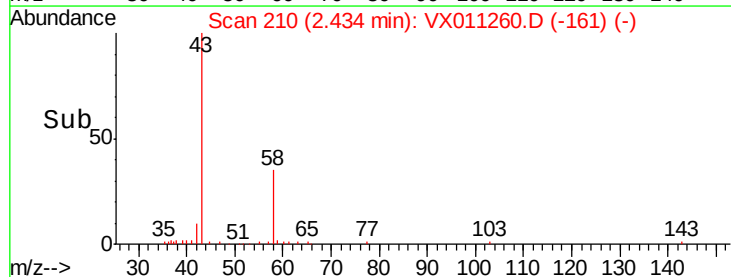
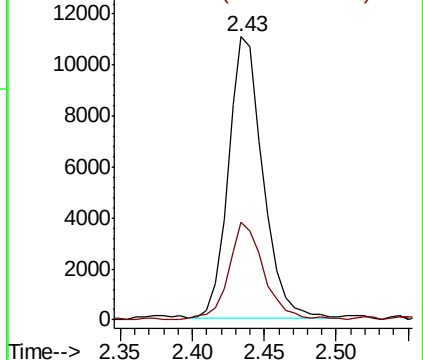
43 100

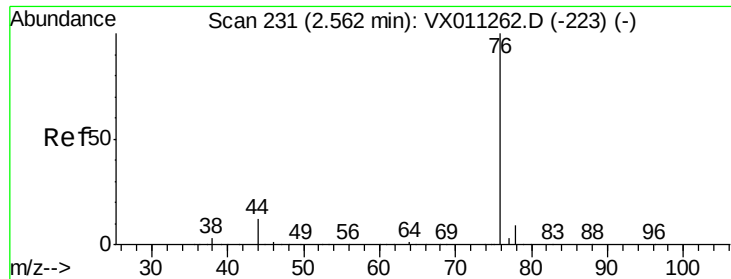
58 34.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 4.654 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

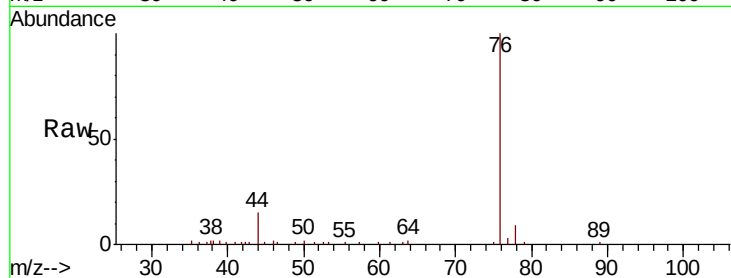
VSTDIC005

Tot Ion: 76 Resp: 14723

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

10000

8000

6000

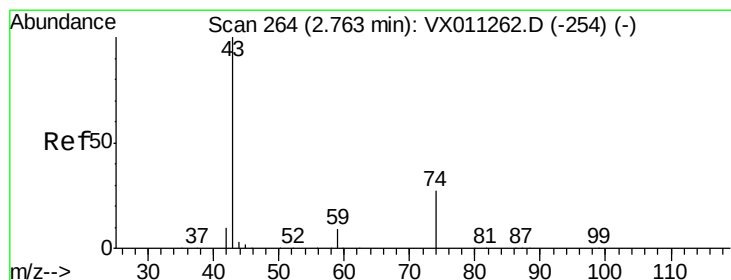
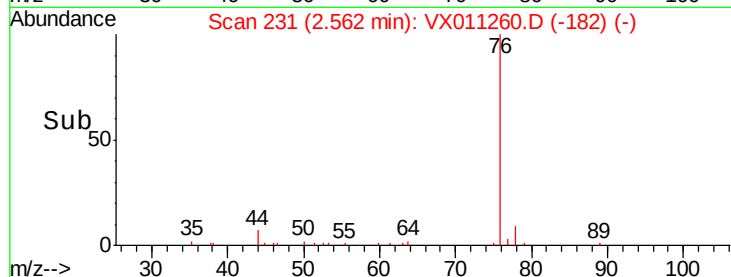
4000

2000

0

Time-->

2.50 2.60



#18

Methyl Acetate

Concen: 5.361 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011260.D

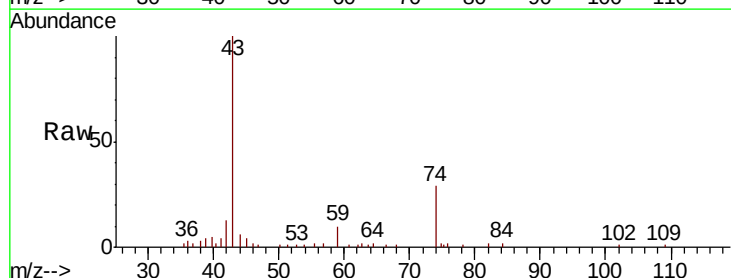
Acq: 01 Aug 2019 15:22

Tgt Ion: 43 Resp: 8284

Ion Ratio Lower Upper

43 100

74 30.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

5000

4000

3000

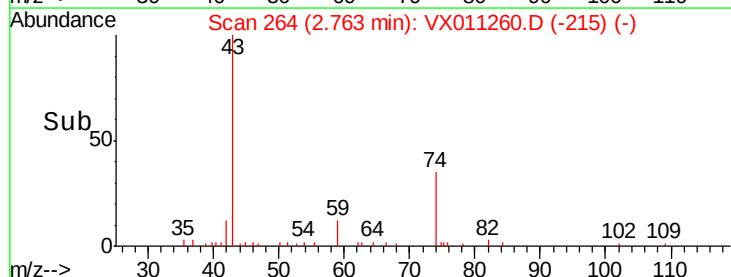
2000

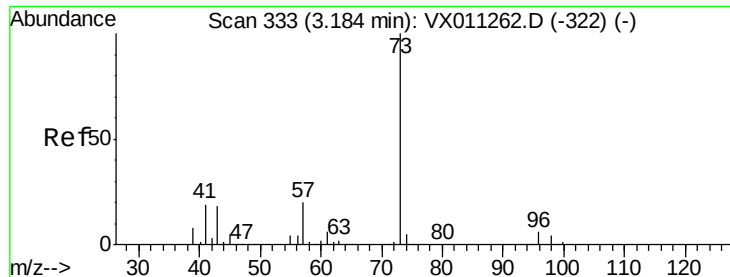
1000

0

Time-->

2.70 2.75 2.80 2.85

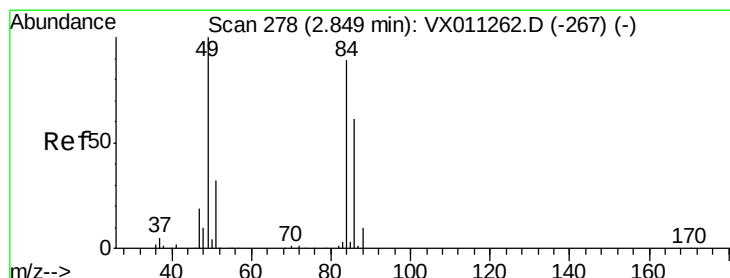
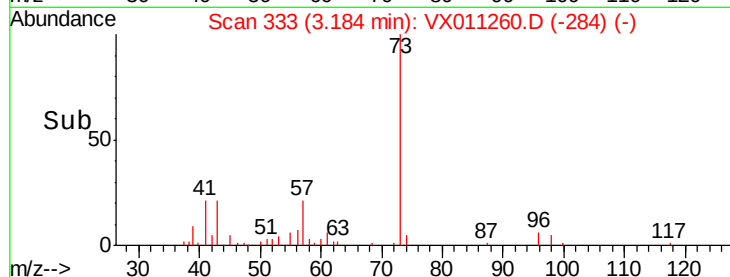
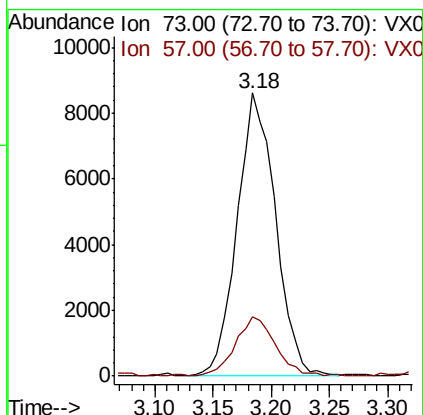
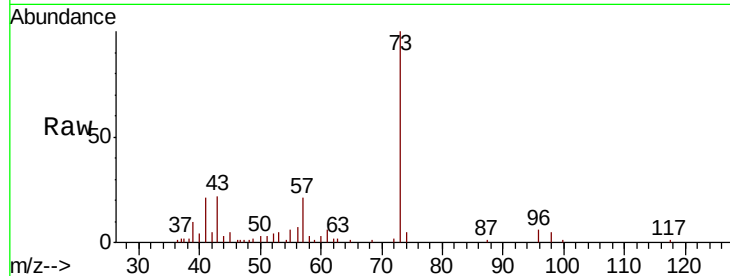




#19
Methyl tert-butyl Ether
Concen: 4.947 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

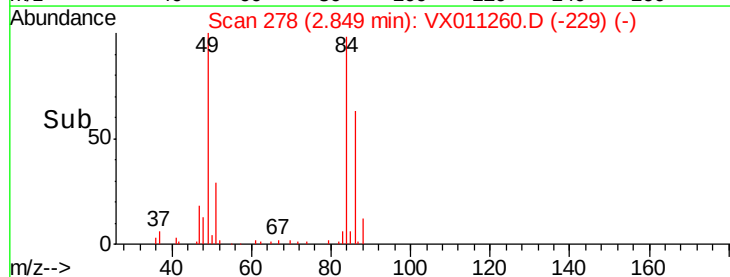
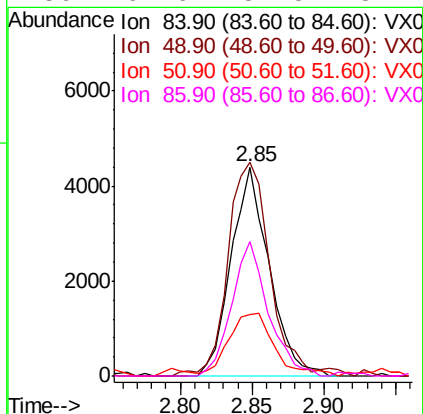
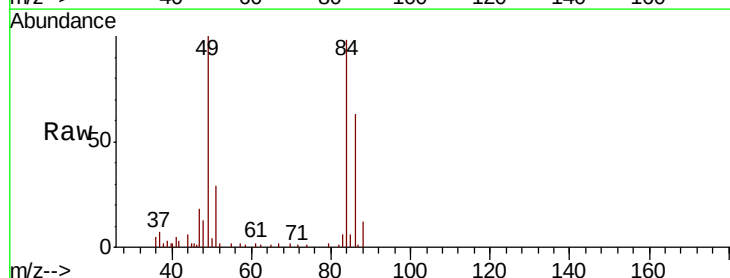
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

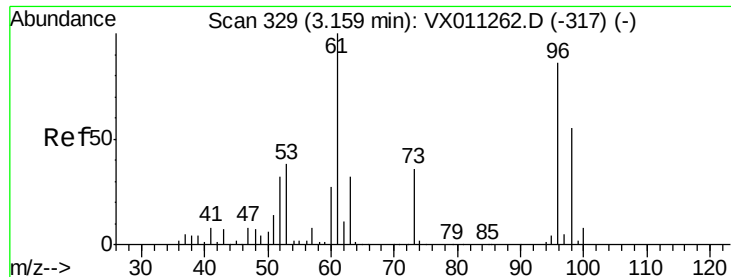
Tot Ion: 73 Resp: 19778
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.2



#20
Methylene Chloride
Concen: 5.668 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 84 Resp: 8101
Ion Ratio Lower Upper
84 100
49 99.7 89.3 133.9
51 29.5 28.3 42.5
86 64.6 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 5.522 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

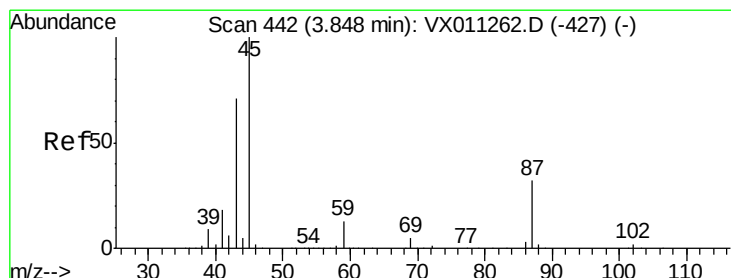
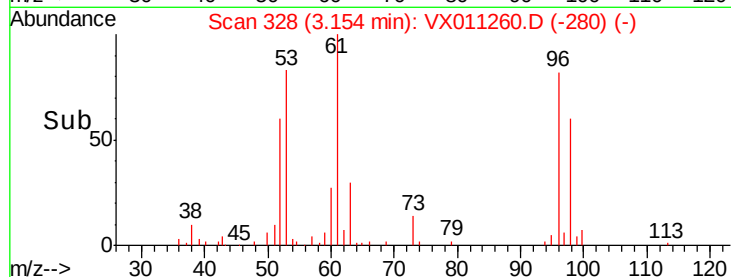
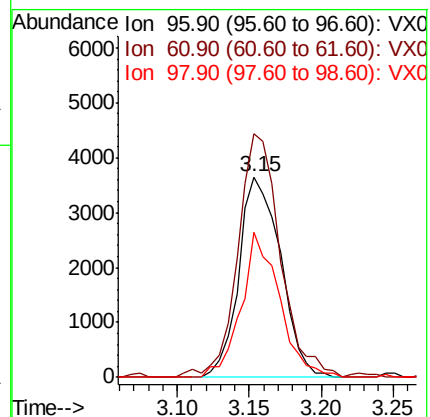
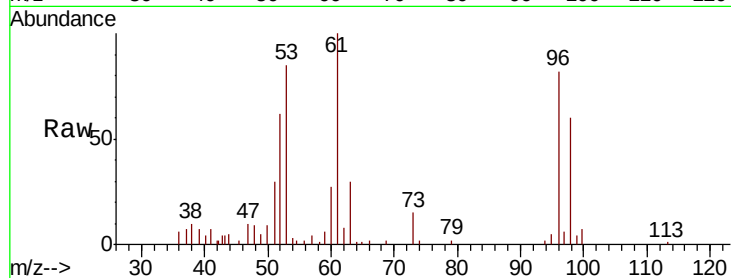
Tot Ion: 96 Resp: 7346

Ion Ratio Lower Upper

96 100

61 121.6 92.8 139.2

98 72.5 51.2 76.8



#22

Diisopropyl ether

Concen: 5.252 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion: 45 Resp: 20022

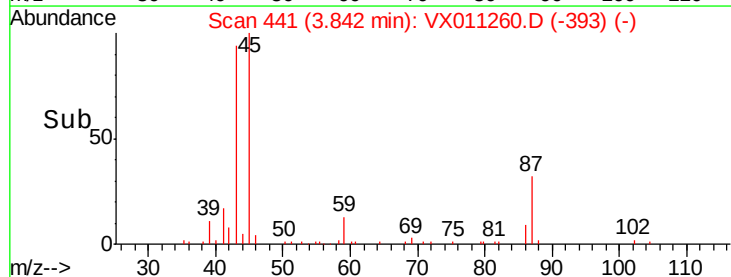
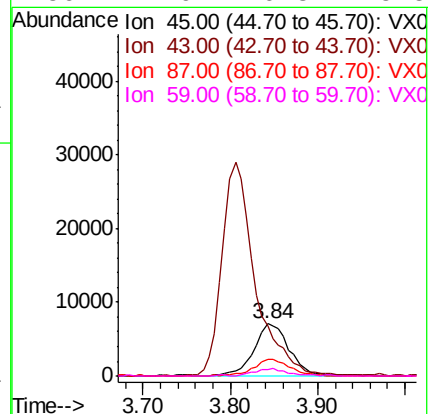
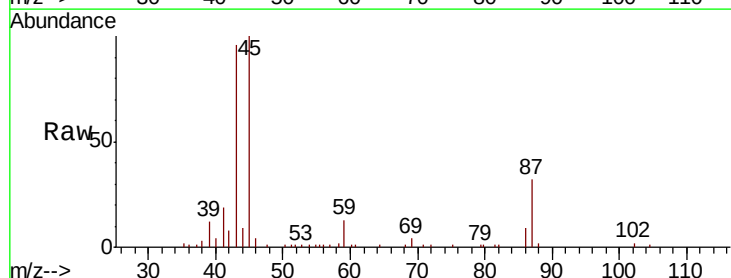
Ion Ratio Lower Upper

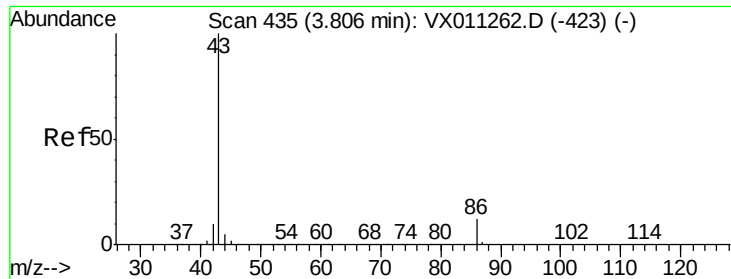
45 100

43 94.7 56.8 85.2#

87 32.2 25.8 38.6

59 12.9 10.3 15.5





#23

Vinyl Acetate

Concen: 23.861 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

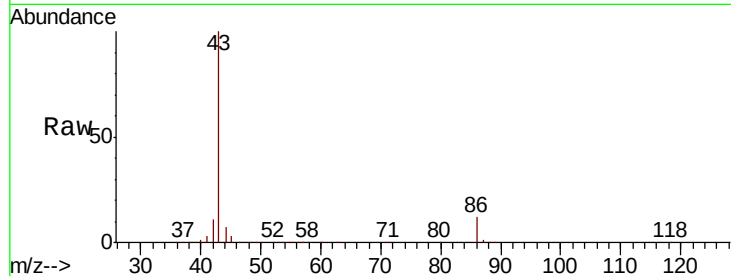
VSTDIC005

Tot Ion: 43 Resp: 77113

Ion Ratio Lower Upper

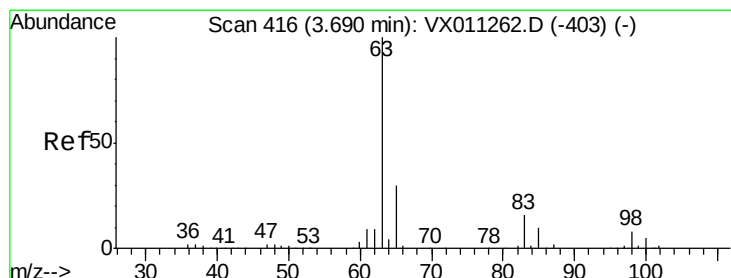
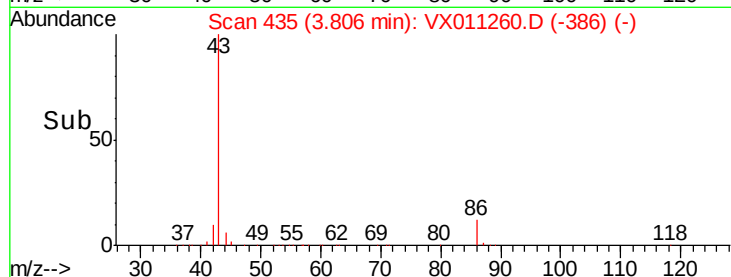
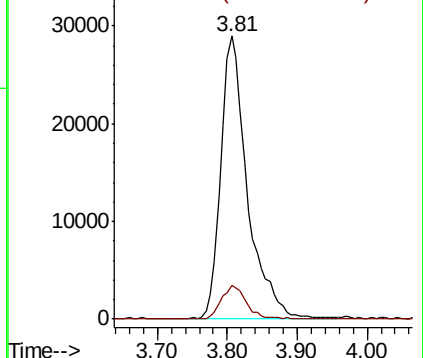
43 100

86 12.0 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.499 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

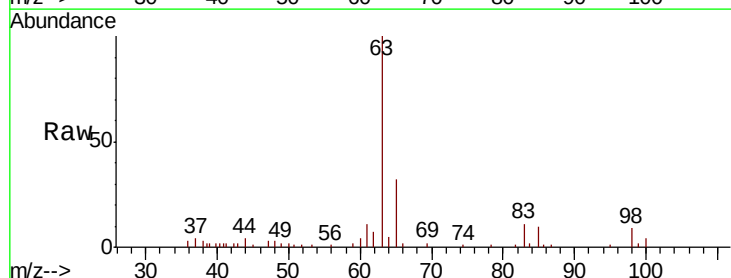
Tgt Ion: 63 Resp: 12226

Ion Ratio Lower Upper

63 100

98 9.2 3.9 11.5

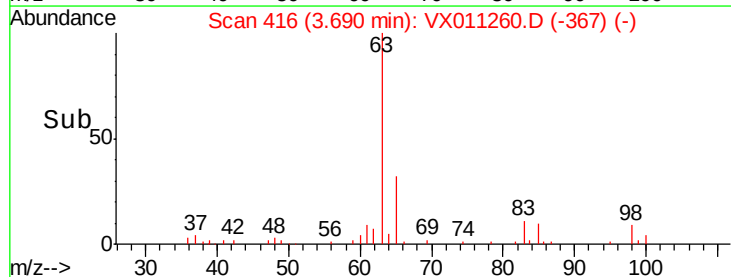
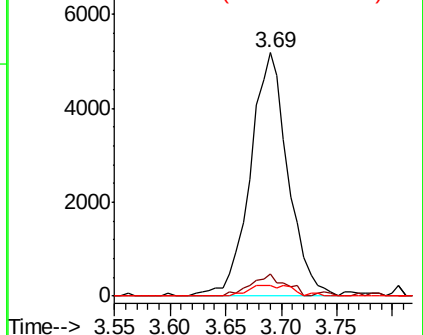
100 4.2 2.7 8.1

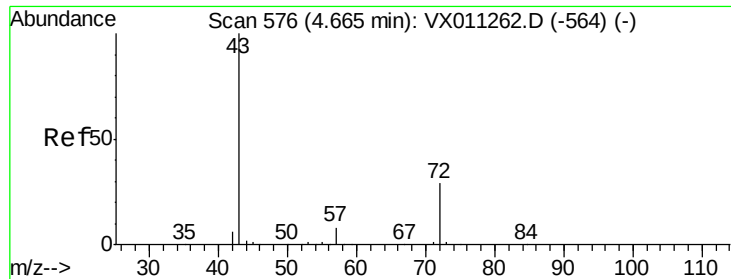


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.708 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

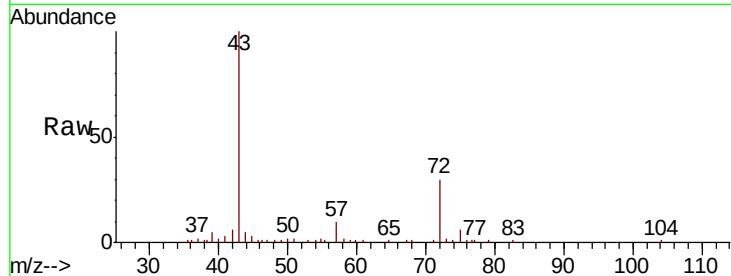
VSTDIC005

Tot Ion: 43 Resp: 25796

Ion Ratio Lower Upper

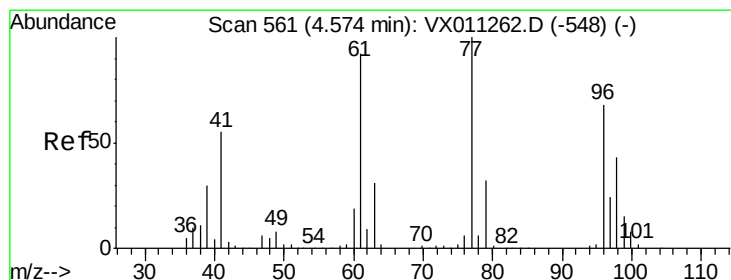
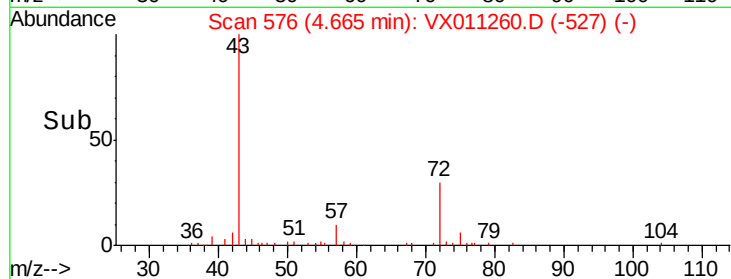
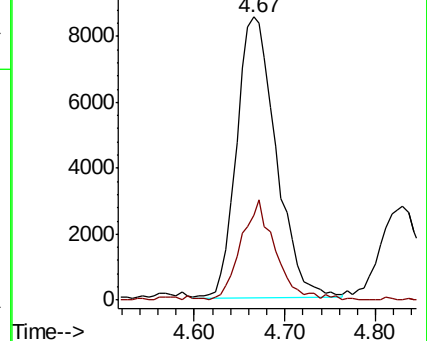
43 100

72 30.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.754 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011260.D

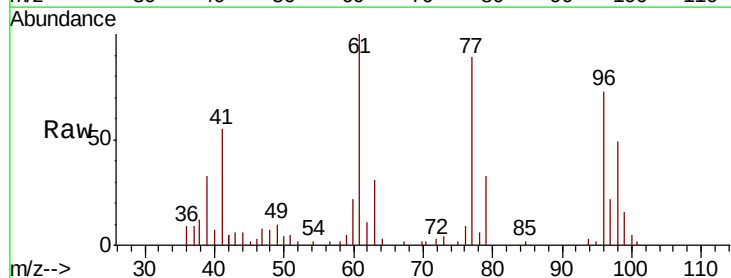
Acq: 01 Aug 2019 15:22

Tgt Ion: 77 Resp: 8616

Ion Ratio Lower Upper

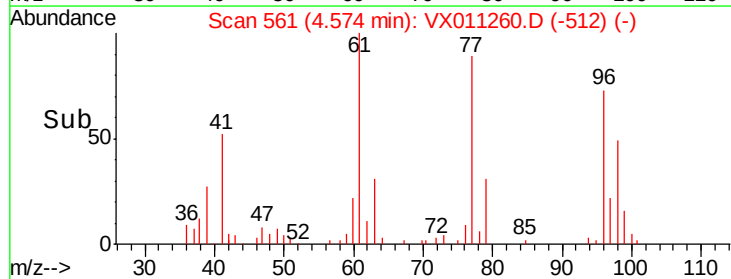
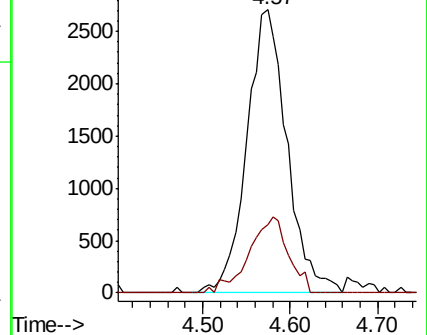
77 100

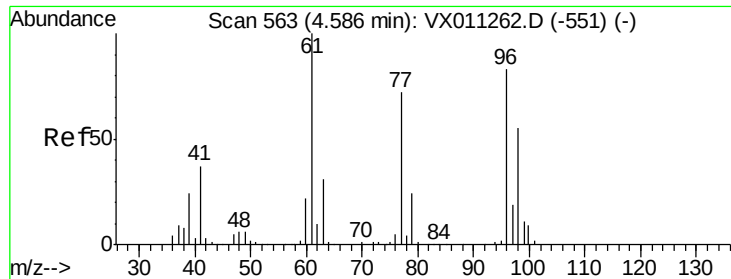
97 26.4 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



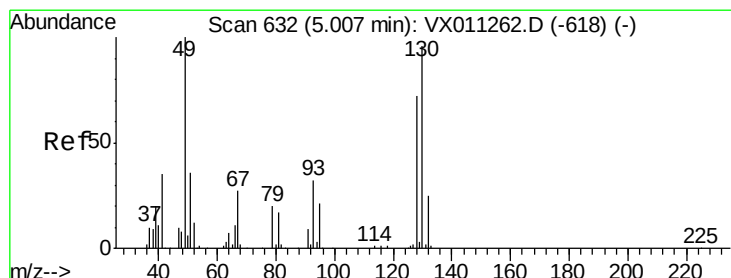
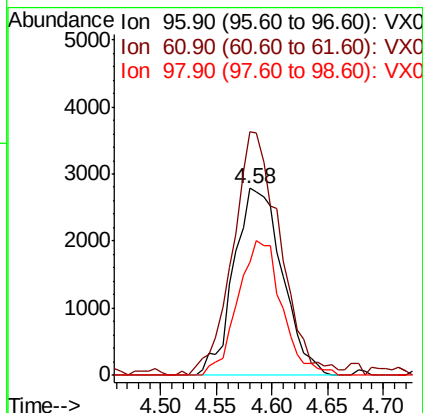
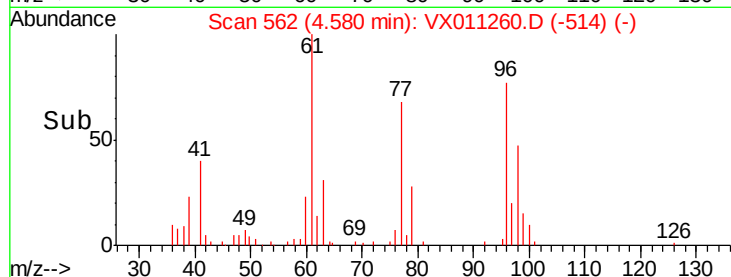
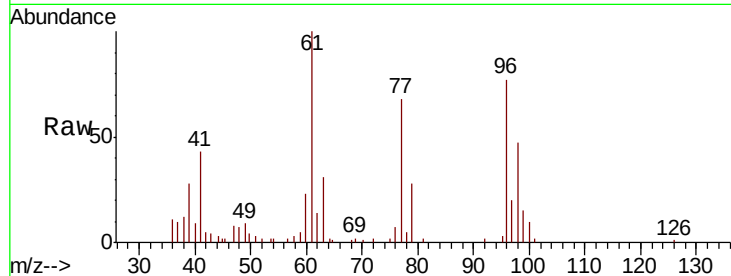


#27

cis-1,2-Dichloroethene
Concen: 5.488 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

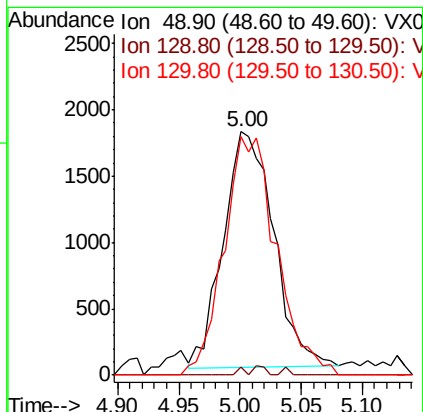
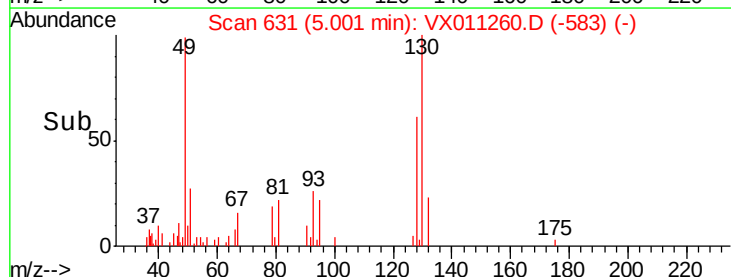
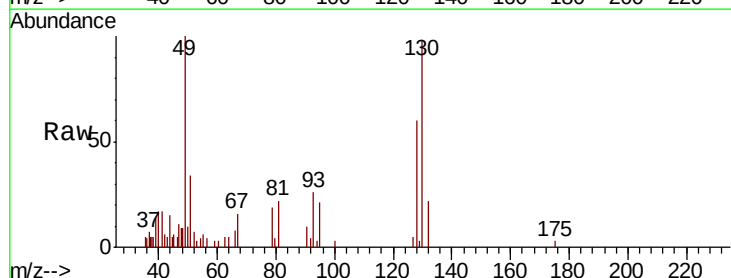
Tot Ion: 96 Resp: 8433
Ion Ratio Lower Upper
96 100
61 127.6 0.0 260.2
98 65.4 0.0 133.2

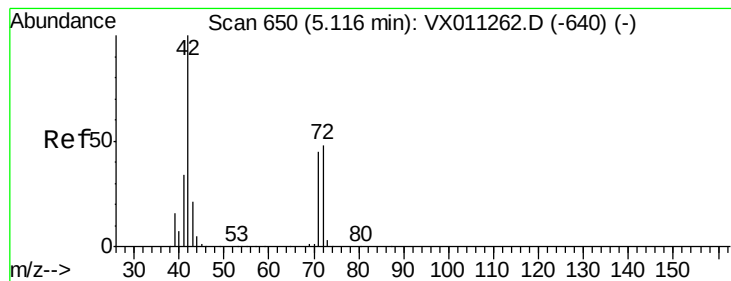


#28

Bromochloromethane
Concen: 4.917 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 49 Resp: 5096
Ion Ratio Lower Upper
49 100
129 1.4 0.0 5.8
130 105.0 77.9 116.9





#29

Tetrahydrofuran

Concen: 25.560 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

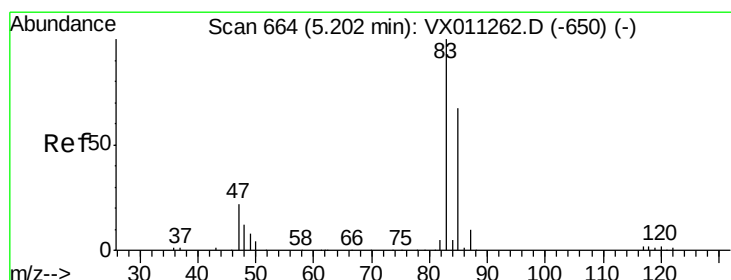
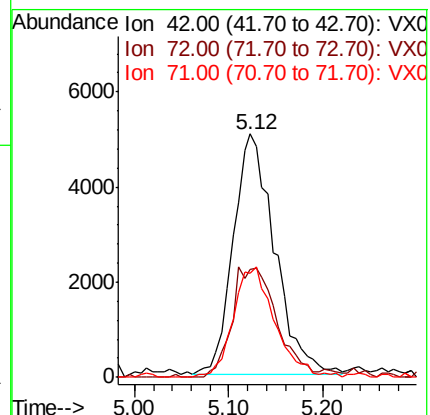
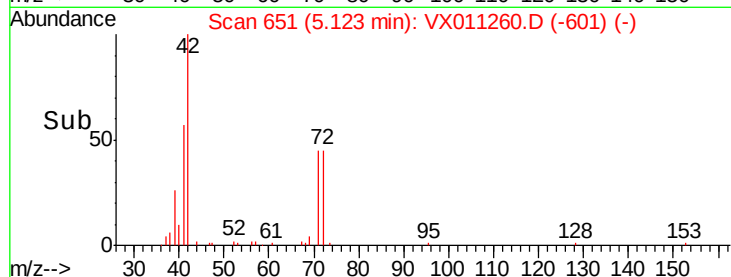
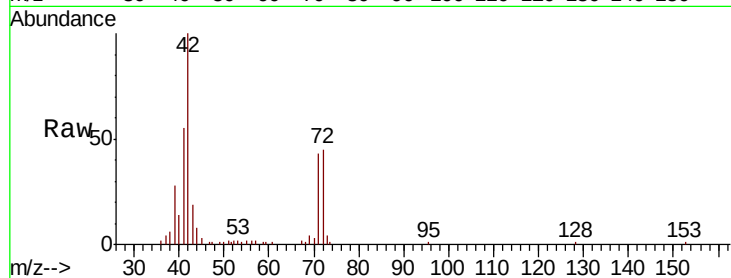
Tot Ion: 42 Resp: 15612

Ion Ratio Lower Upper

42 100

72 49.1 39.9 59.9

71 45.3 36.9 55.3



#30

Chloroform

Concen: 5.227 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.01 min

Lab File: VX011260.D

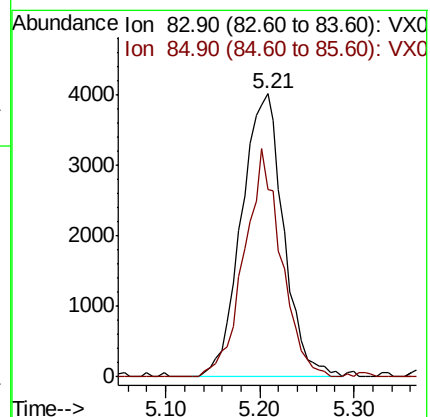
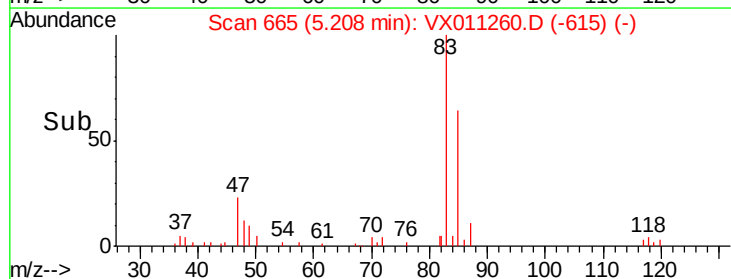
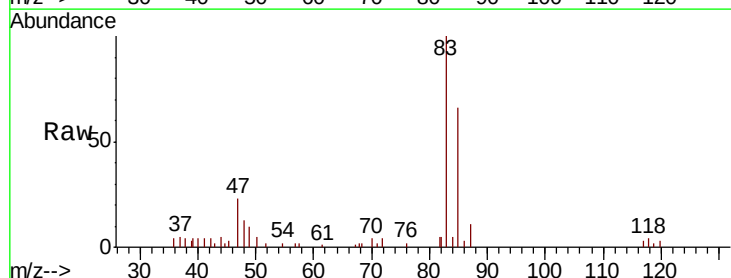
Acq: 01 Aug 2019 15:22

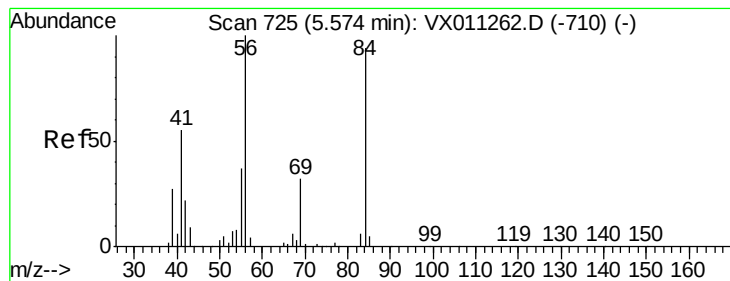
Tgt Ion: 83 Resp: 12571

Ion Ratio Lower Upper

83 100

85 66.1 53.4 80.0





#31

Cyclohexane

Concen: 5.096 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

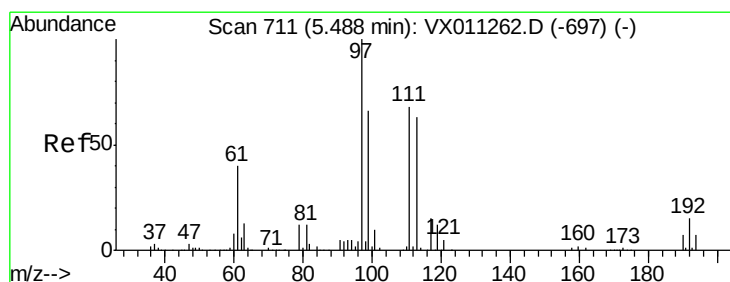
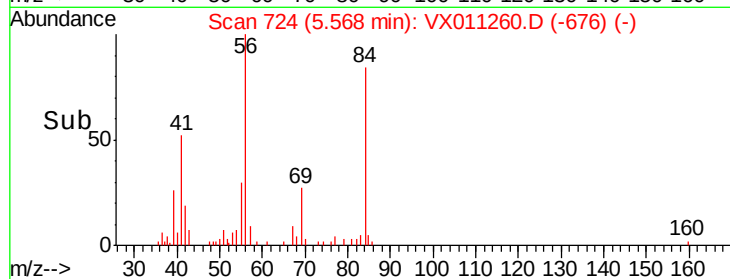
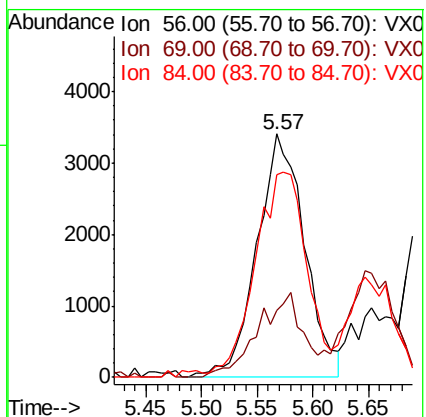
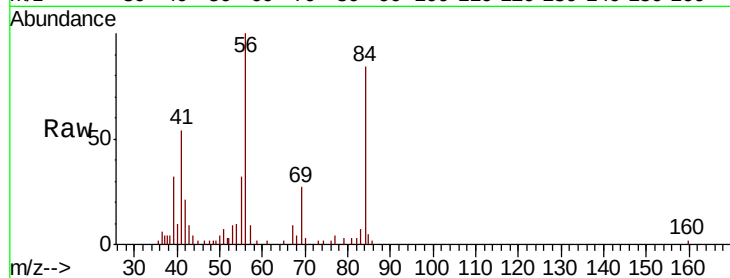
Tot Ion: 56 Resp: 10159

Ion Ratio Lower Upper

56 100

69 27.4 25.5 38.3

84 81.2 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 4.951 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

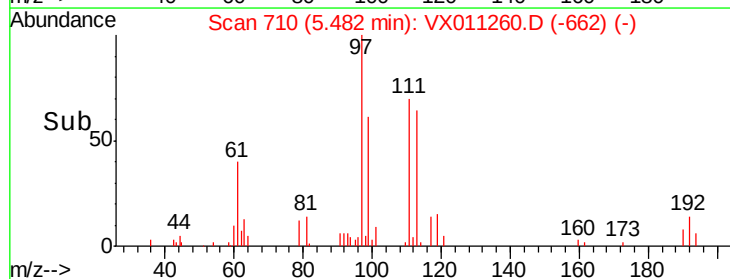
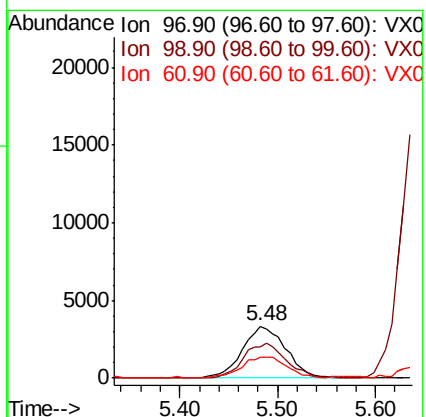
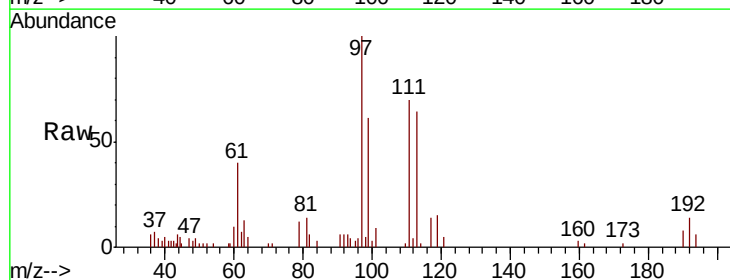
Tgt Ion: 97 Resp: 10271

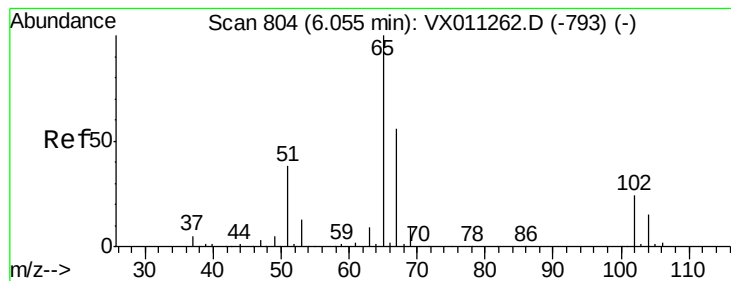
Ion Ratio Lower Upper

97 100

99 66.1 51.6 77.4

61 43.0 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 5.540 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

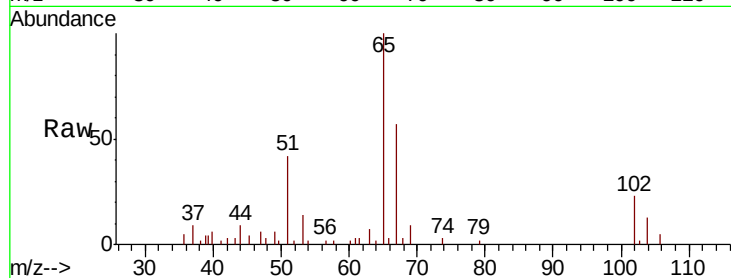
VSTDIC005

Tot Ion: 65 Resp: 8121

Ion Ratio Lower Upper

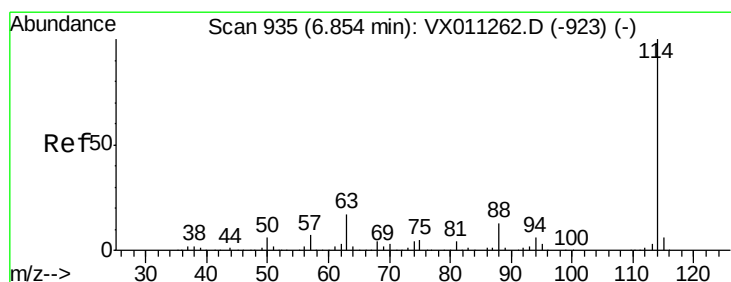
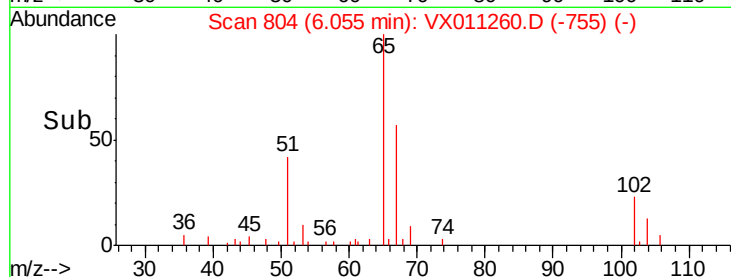
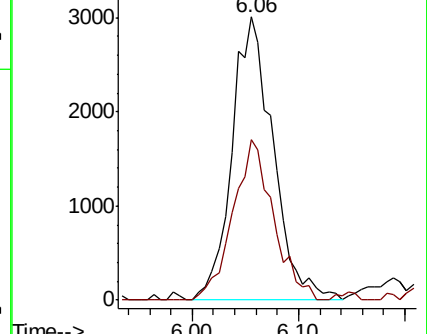
65 100

67 55.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

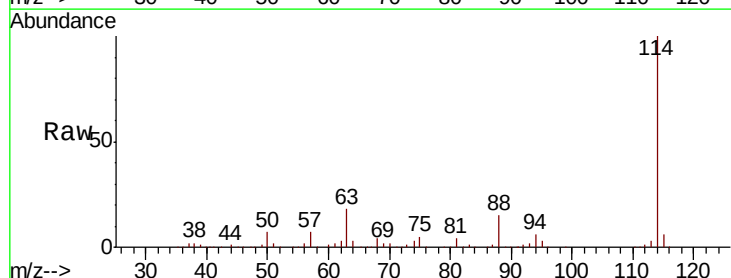
Tgt Ion: 114 Resp: 203281

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

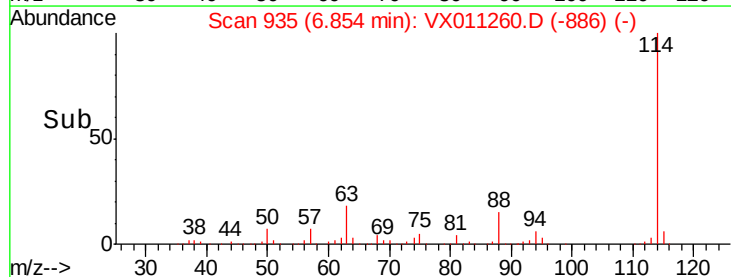
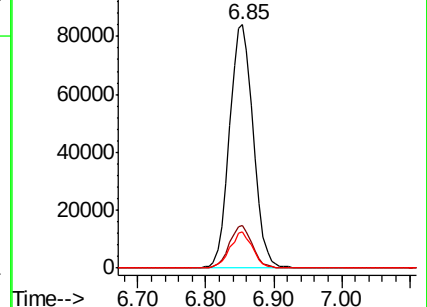
88 14.7 0.0 26.4

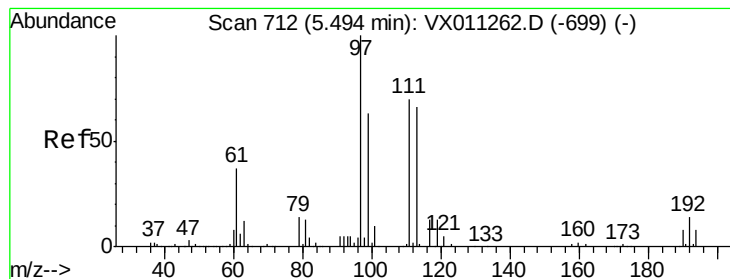


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 5.610 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

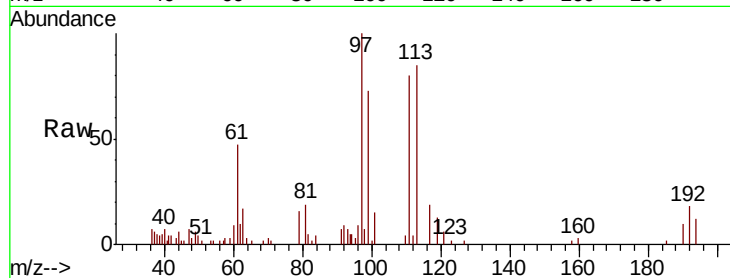
Tot Ion:113 Resp: 7243

Ion Ratio Lower Upper

113 100

111 100.7 81.9 122.9

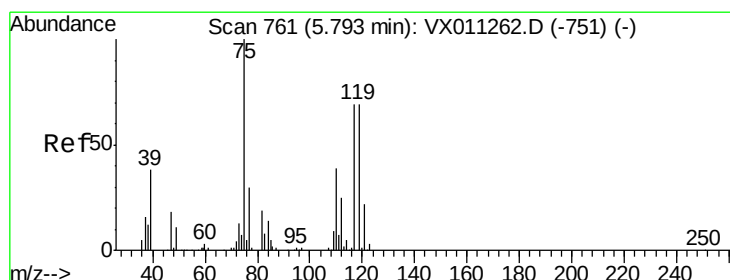
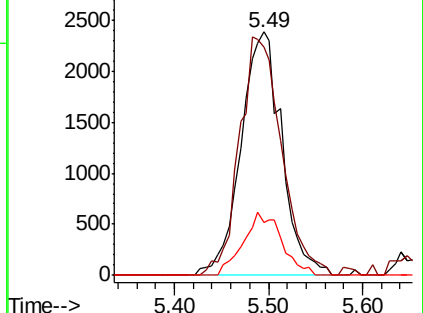
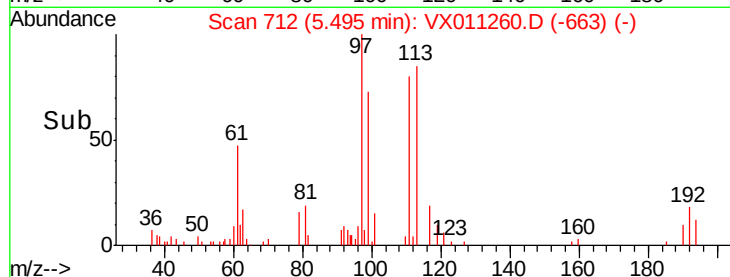
192 24.3 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.484 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

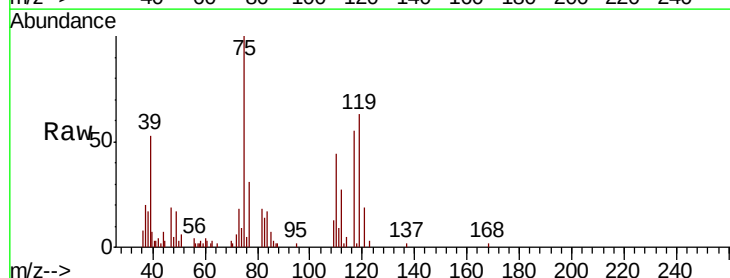
Tgt Ion: 75 Resp: 9258

Ion Ratio Lower Upper

75 100

110 41.8 20.0 59.9

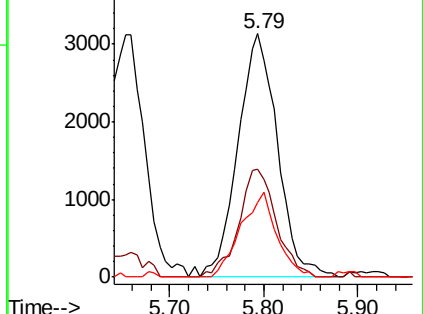
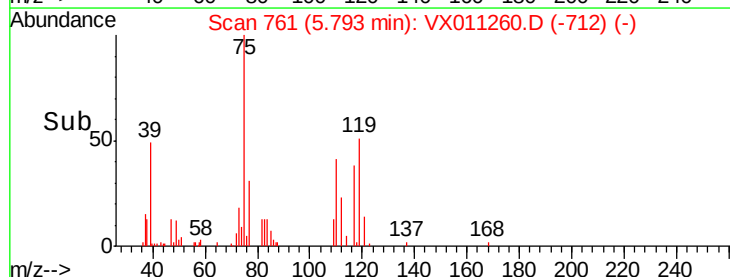
77 31.5 24.8 37.2

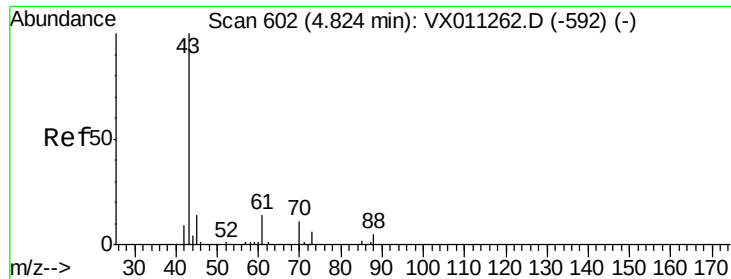


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

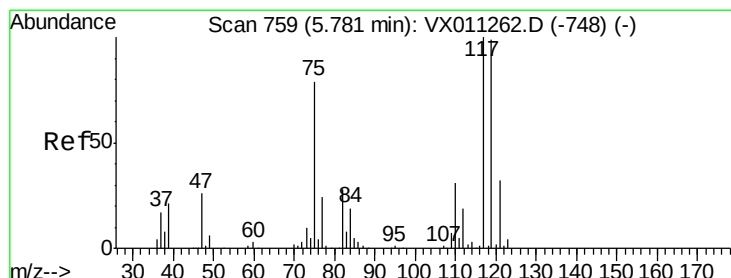
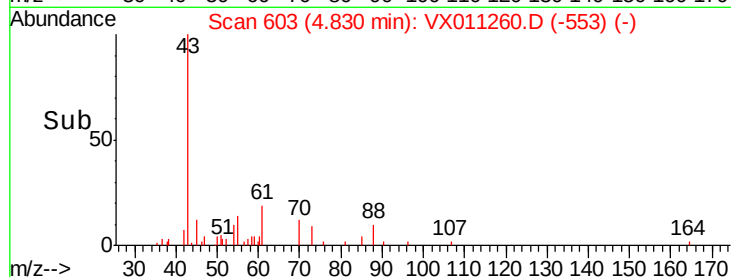
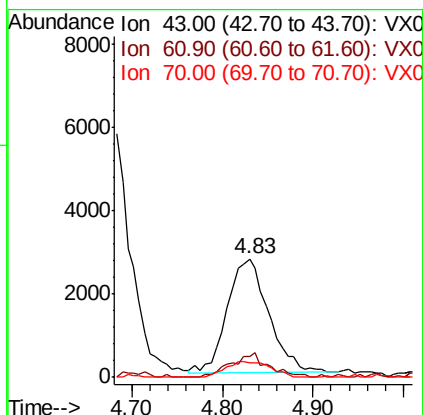
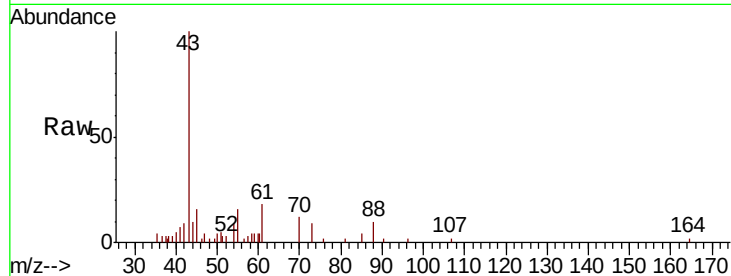




#37
Ethyl Acetate
Concen: 5.089 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

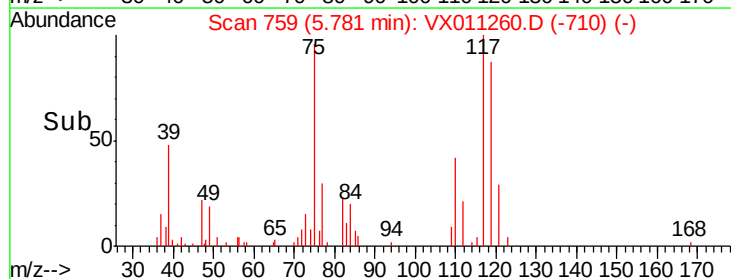
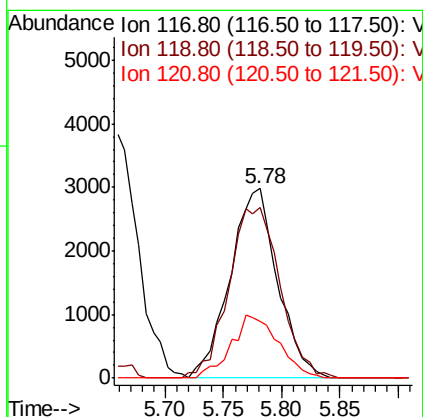
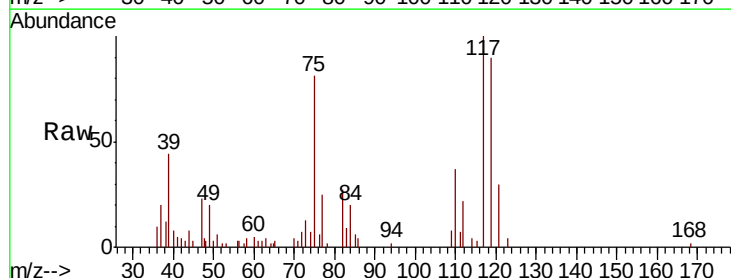
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

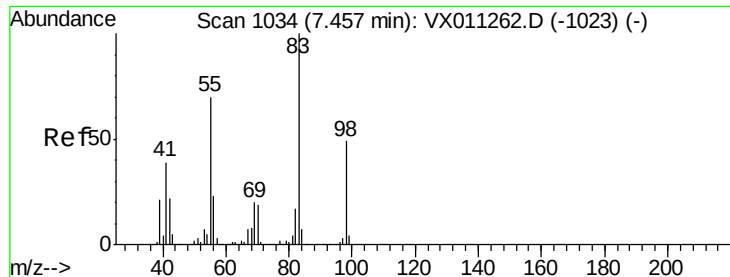
Tot Ion: 43 Resp: 8717
Ion Ratio Lower Upper
43 100
61 19.7 12.6 18.8#
70 15.1 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 4.832 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 117 Resp: 8486
Ion Ratio Lower Upper
117 100
119 90.3 79.0 118.4
121 29.9 25.9 38.9

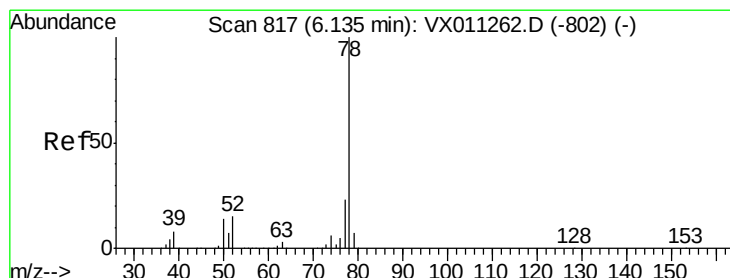
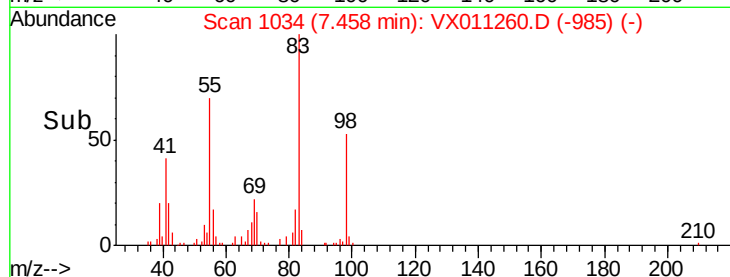
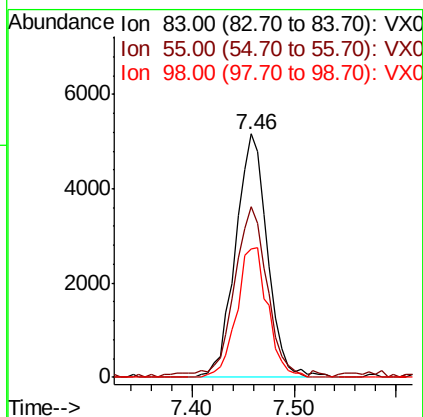
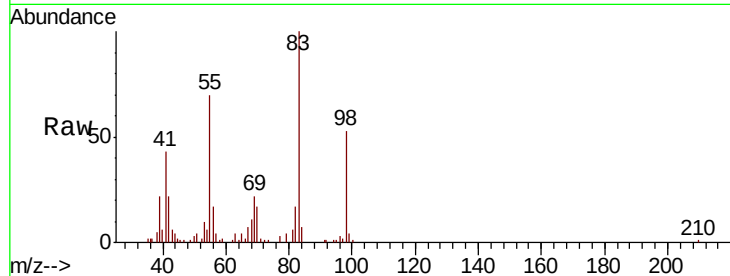




#39
Methylvlcyclohexane
Concen: 5.184 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

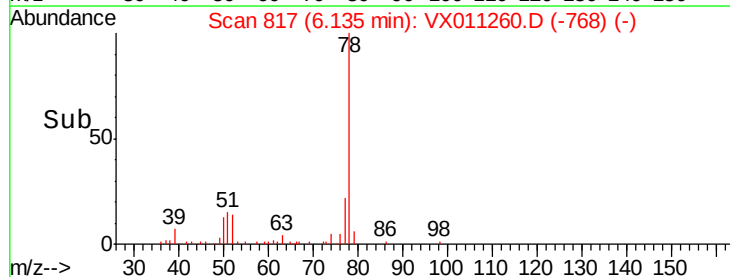
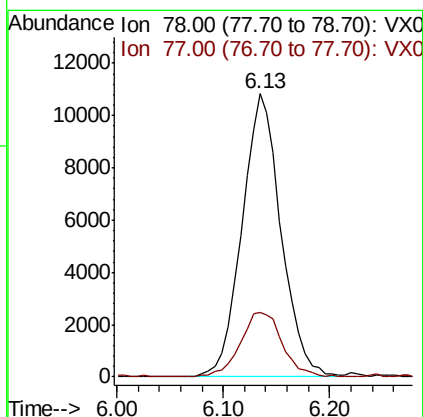
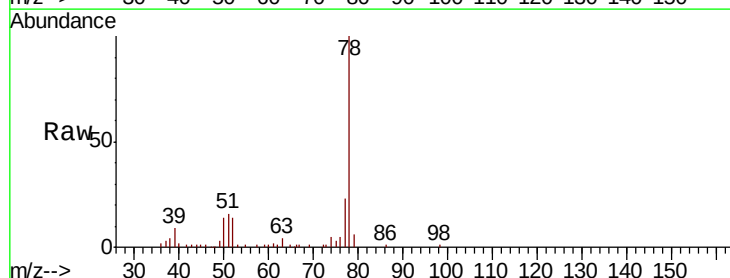
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

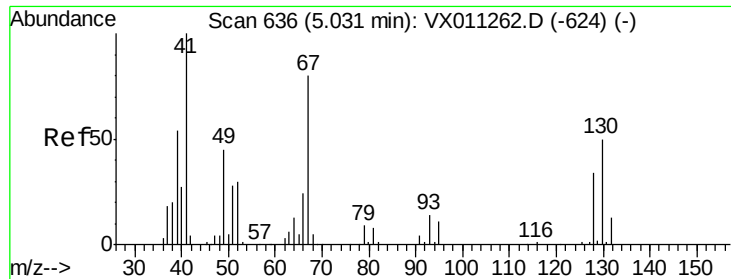
Tot Ion: 83 Resp: 11174
Ion Ratio Lower Upper
83 100
55 69.3 56.1 84.1
98 52.9 39.0 58.4



#40
Benzene
Concen: 5.384 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 78 Resp: 27840
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2





#41

Methacrylonitrile

Concen: 4.786 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 41 Resp: 4706

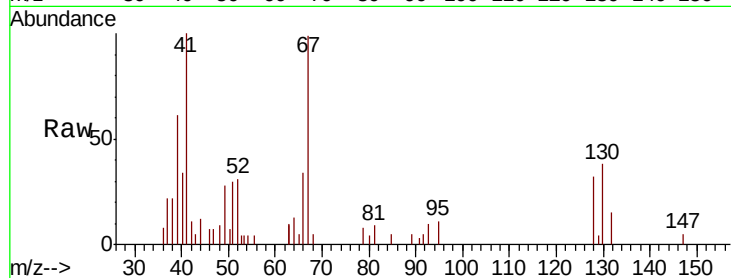
Ion Ratio Lower Upper

41 100

39 58.2 43.0 64.6

67 93.4 65.1 97.7

52 41.4 24.8 37.2#

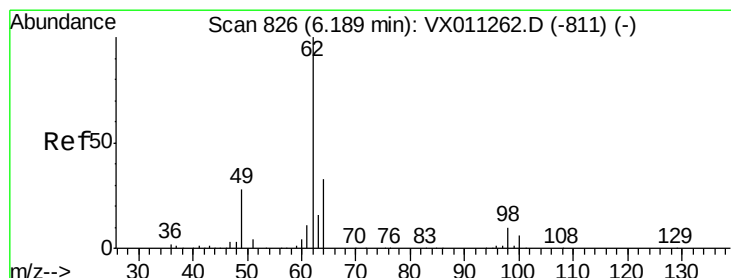
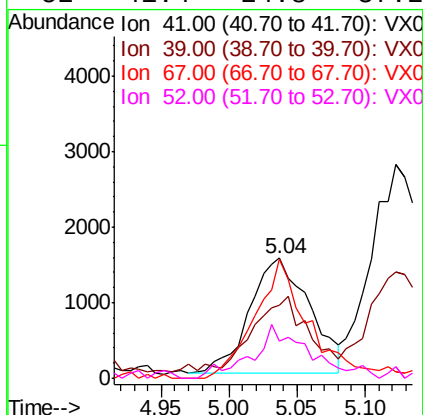
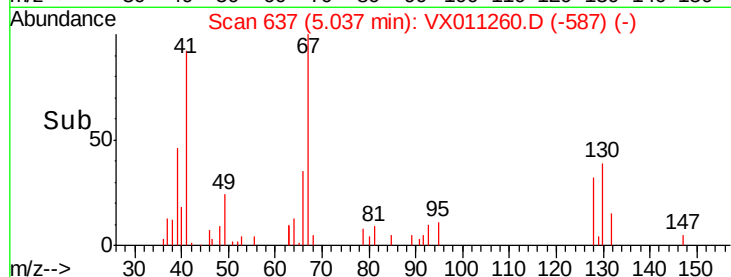


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 5.391 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011260.D

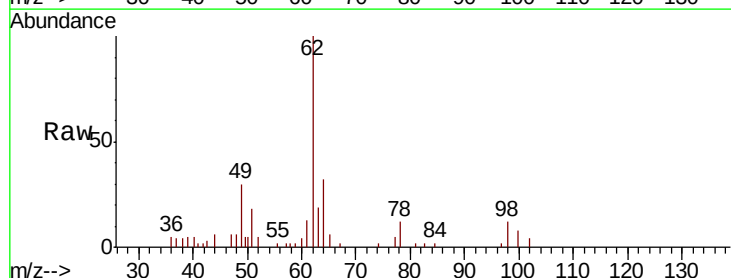
Acq: 01 Aug 2019 15:22

Tgt Ion: 62 Resp: 9646

Ion Ratio Lower Upper

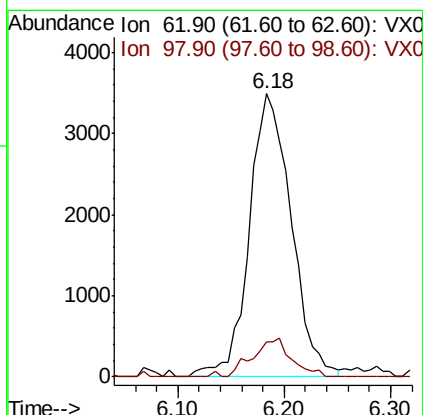
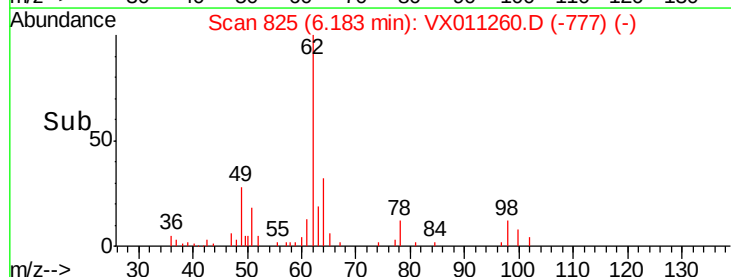
62 100

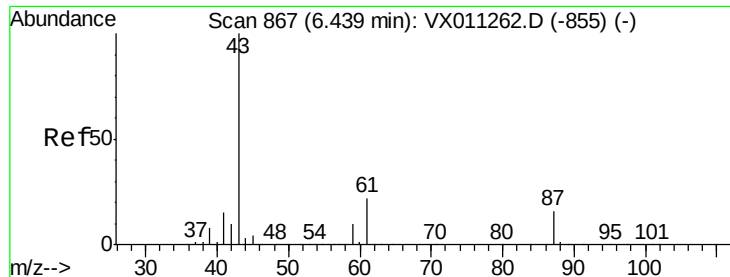
98 12.4 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.994 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

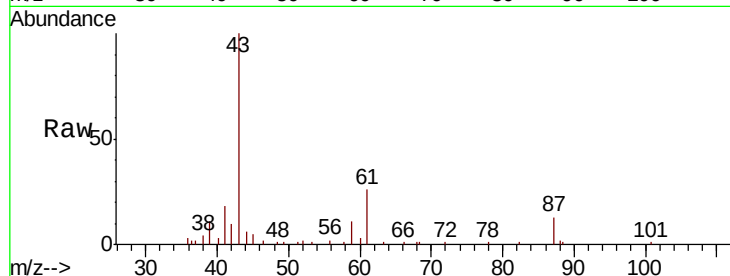
Tot Ion: 43 Resp: 14098

Ion Ratio Lower Upper

43 100

61 22.7 16.5 24.7

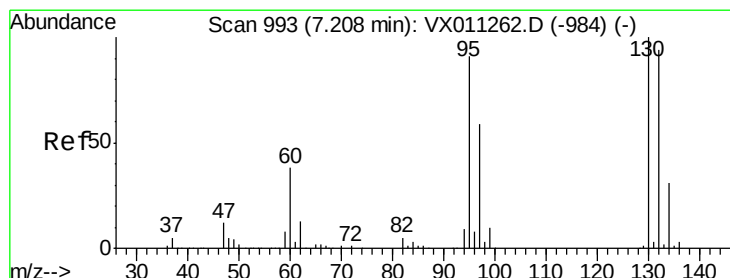
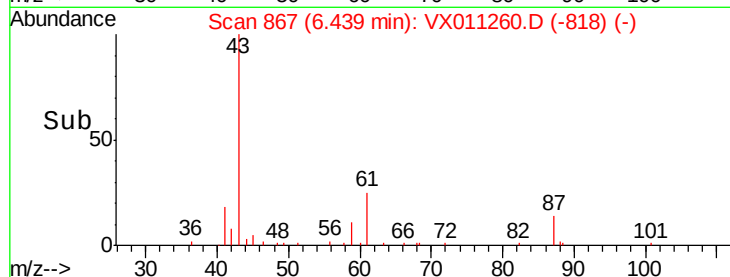
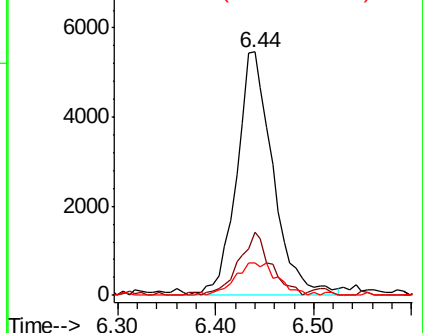
87 15.5 12.1 18.1



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: 5.569 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011260.D

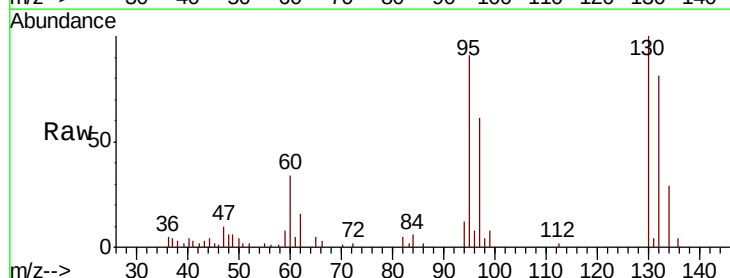
Acq: 01 Aug 2019 15:22

Tgt Ion: 130 Resp: 8537

Ion Ratio Lower Upper

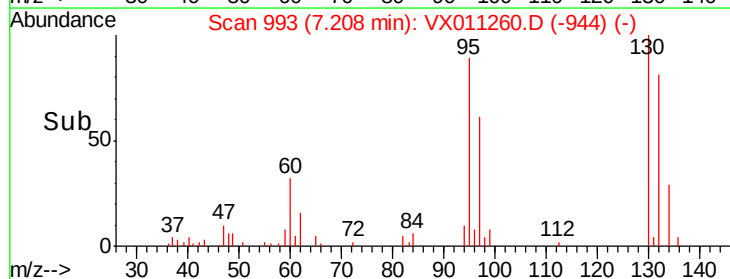
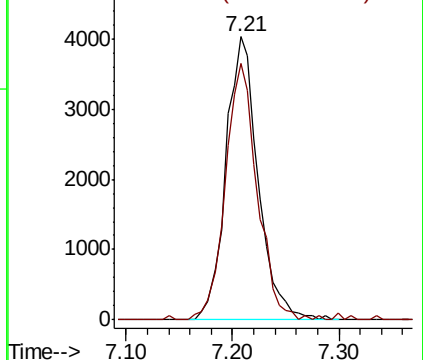
130 100

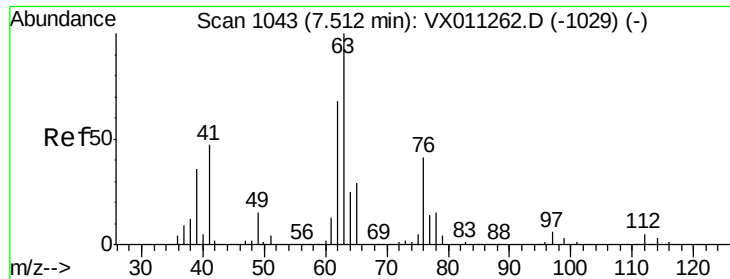
95 90.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

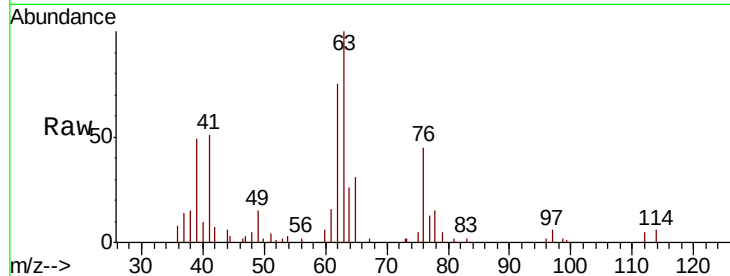




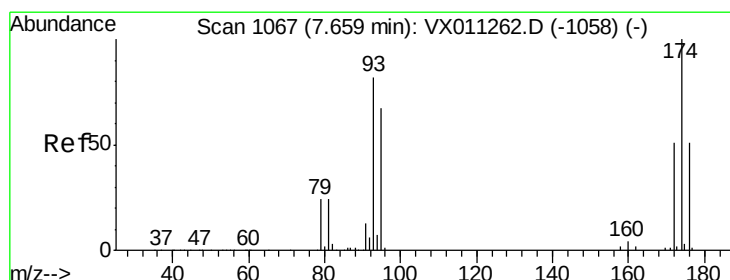
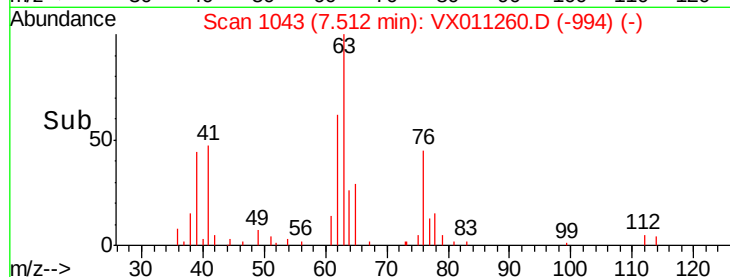
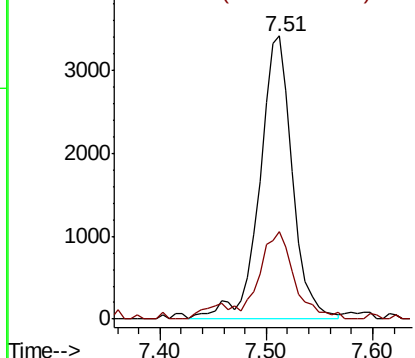
#45
 1,2-Dichloropropane
 Concen: 5.592 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 7359
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.3 34.9

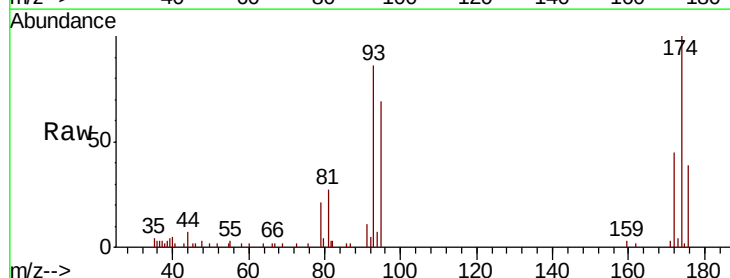


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

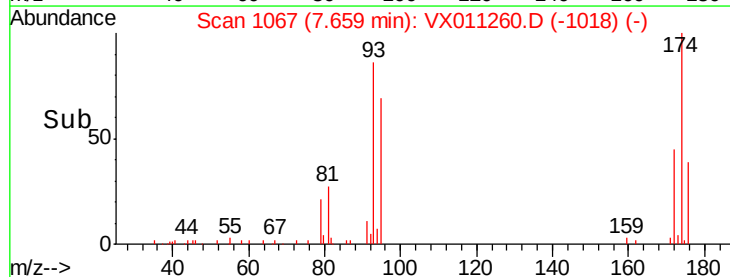
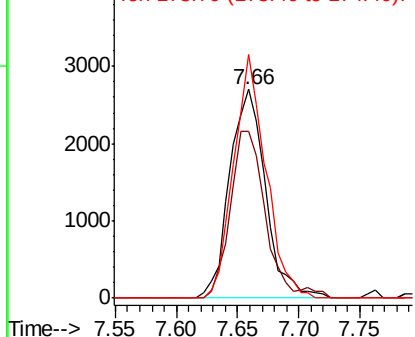


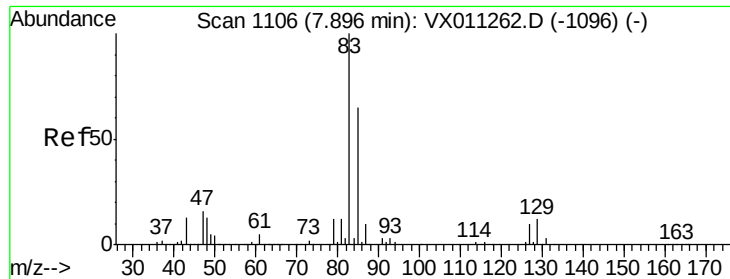
#46
 Dibromomethane
 Concen: 5.862 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion: 93 Resp: 5508
 Ion Ratio Lower Upper
 93 100
 95 78.3 66.4 99.6
 174 104.1 93.4 140.2



Abundance Ion 92.80 (92.50 to 93.50): VX0
 Ion 94.80 (94.50 to 95.50): VX0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.845 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

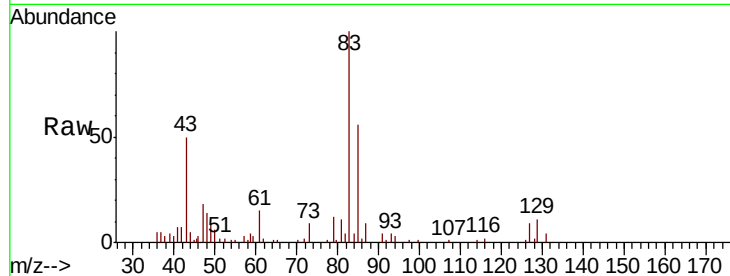
Tot Ion: 83 Resp: 8076

Ion Ratio Lower Upper

83 100

85 56.5 52.2 78.2

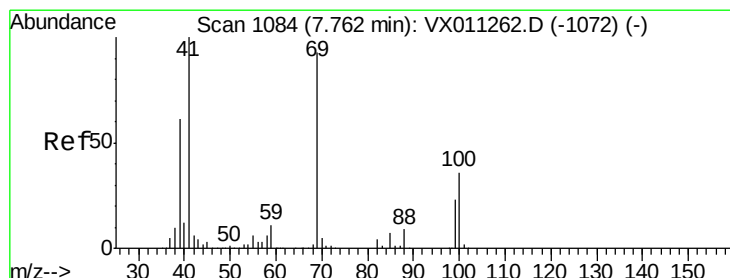
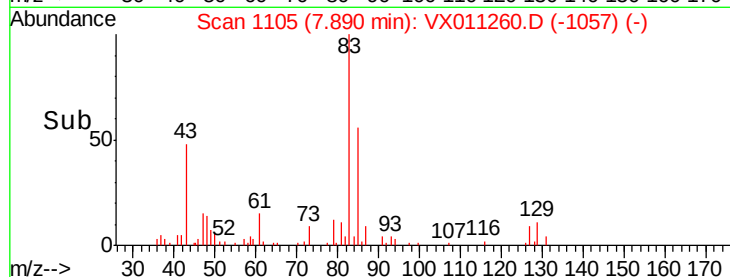
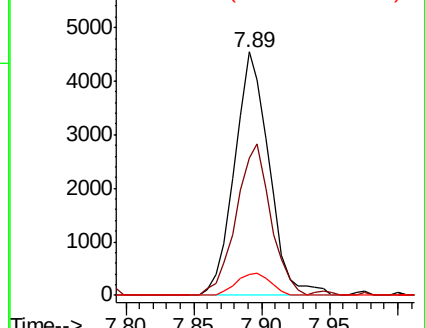
127 8.6 7.8 11.8



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: 5.077 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

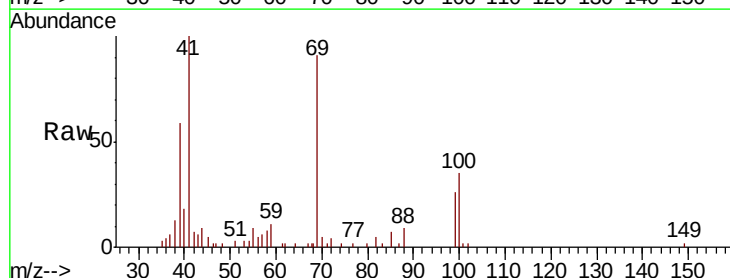
Tgt Ion: 41 Resp: 6972

Ion Ratio Lower Upper

41 100

69 89.4 74.5 111.7

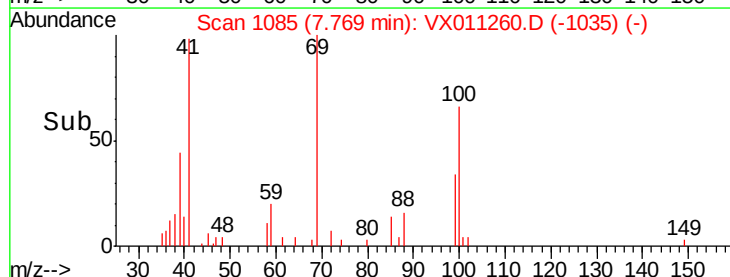
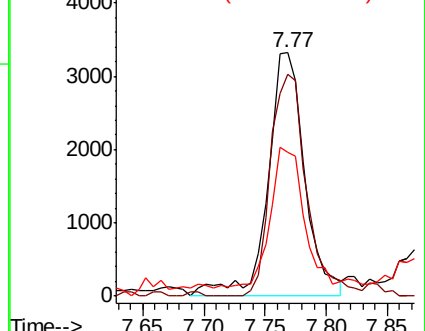
39 49.2 48.6 72.8

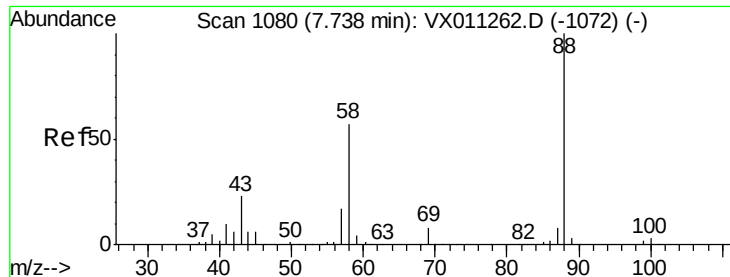


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

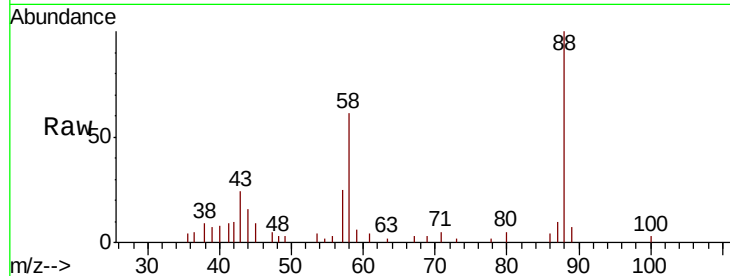




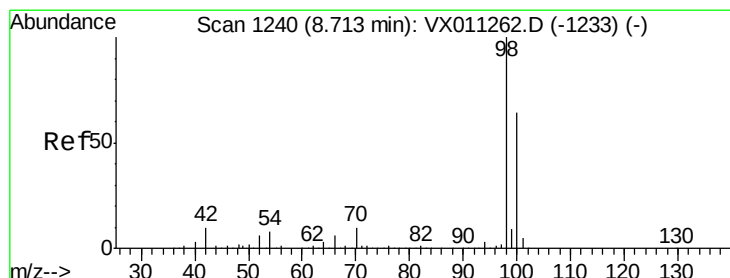
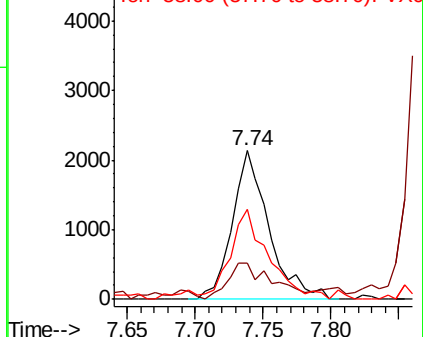
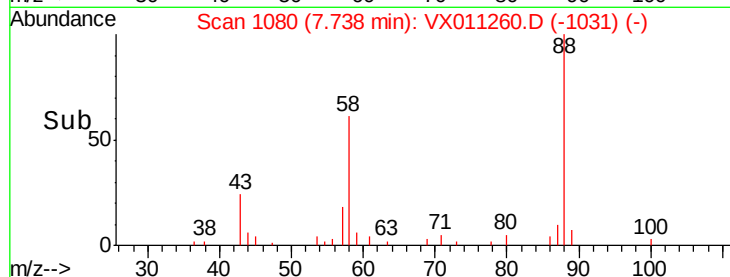
#49
1,4-Dioxane
Concen: 103.507 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 88 Resp: 3998
Ion Ratio Lower Upper
88 100
43 29.8 22.2 33.2
58 62.9 47.8 71.8

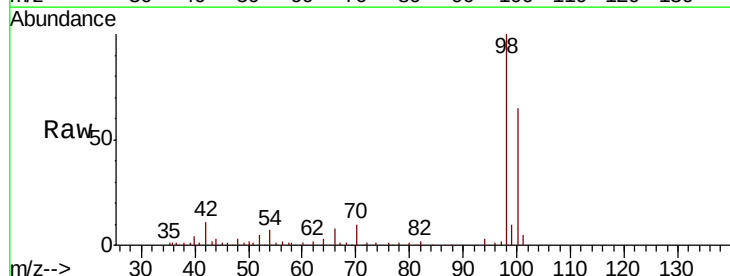


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

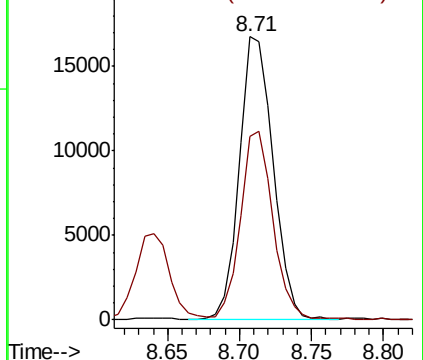
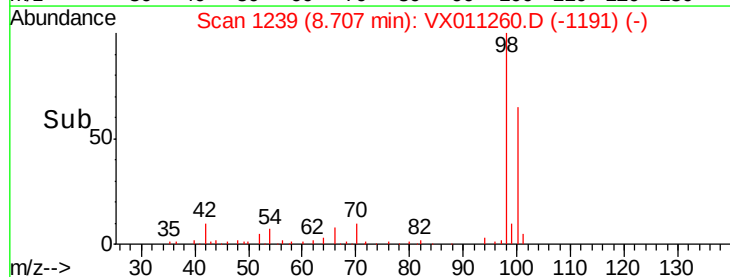


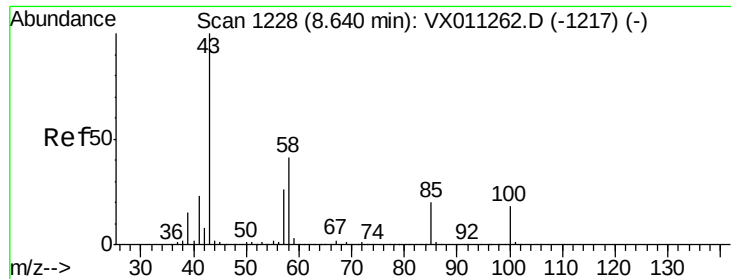
#50
Toluene-d8
Concen: 5.647 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 98 Resp: 27288
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



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

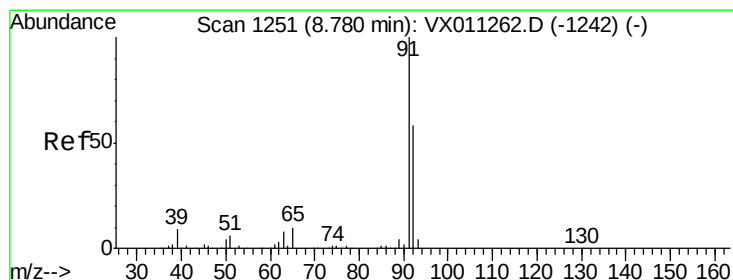
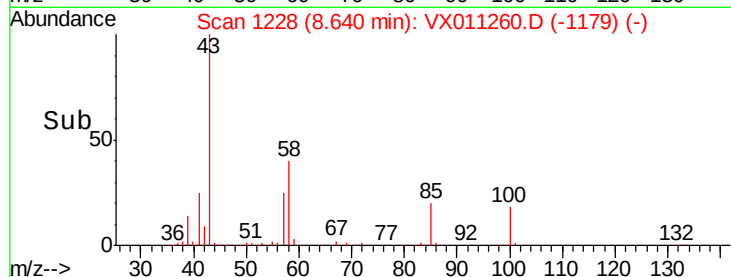
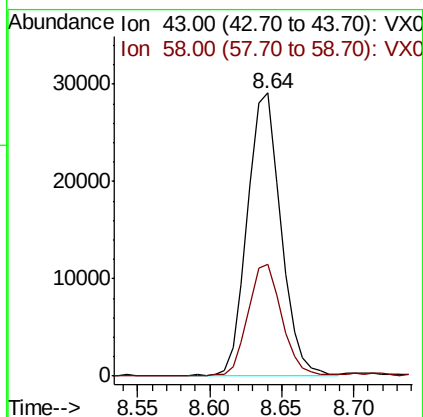
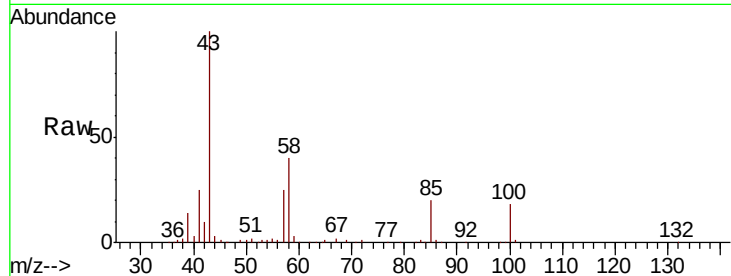




#51
 4-Methyl-2-Pentanone
 Concen: 25.668 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

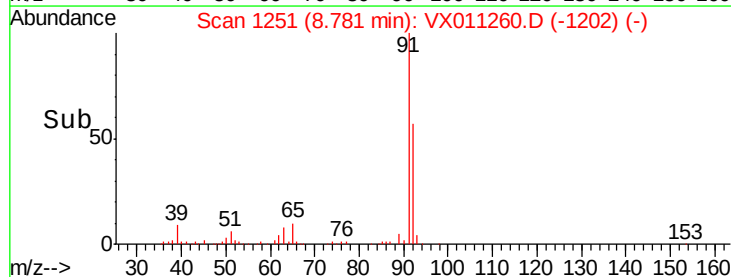
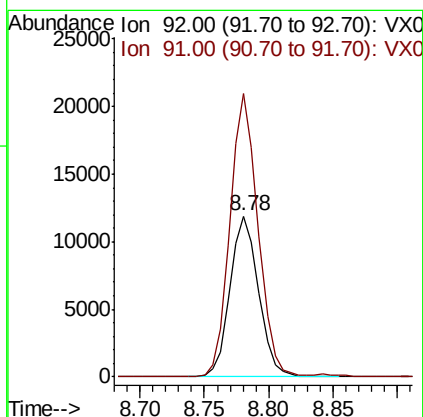
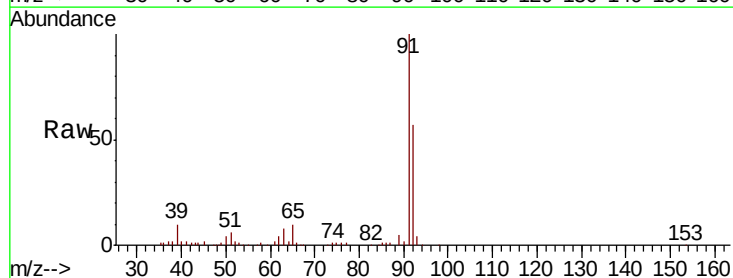
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

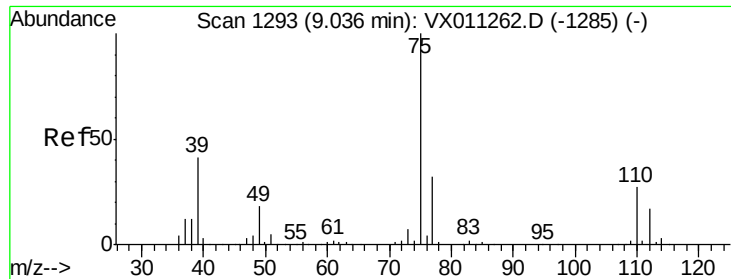
Tot Ion: 43 Resp: 47131
 Ion Ratio Lower Upper
 43 100
 58 39.3 32.3 48.5



#52
 Toluene
 Concen: 5.436 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion: 92 Resp: 18482
 Ion Ratio Lower Upper
 92 100
 91 172.9 139.4 209.0

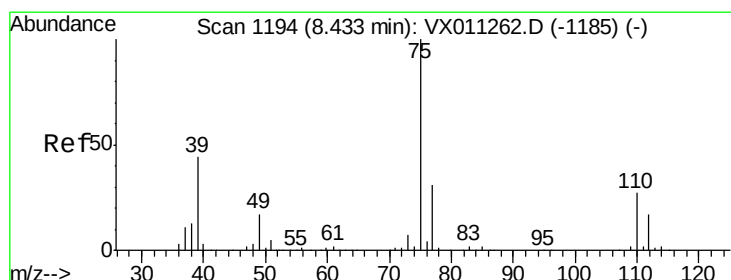
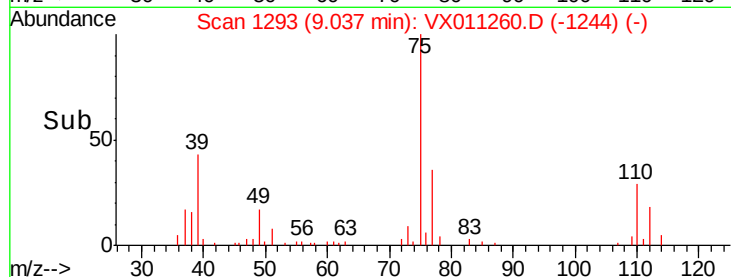
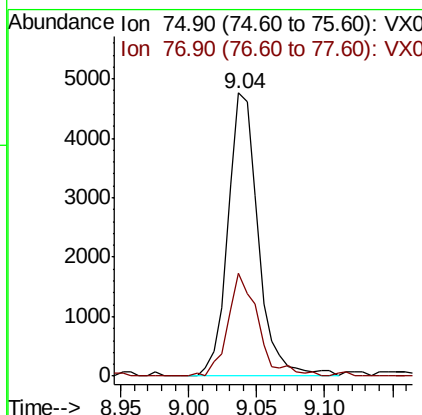
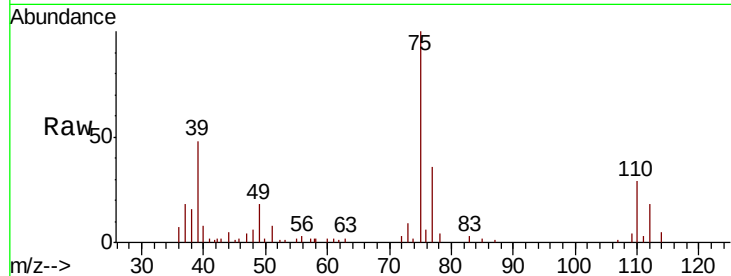




#53
t-1,3-Dichloropropene
Concen: 4.121 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

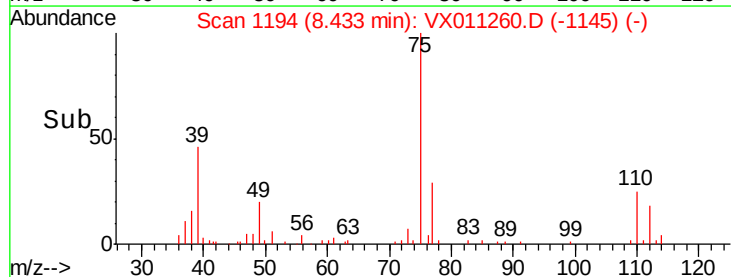
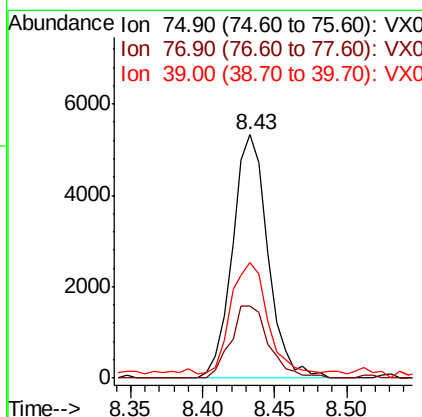
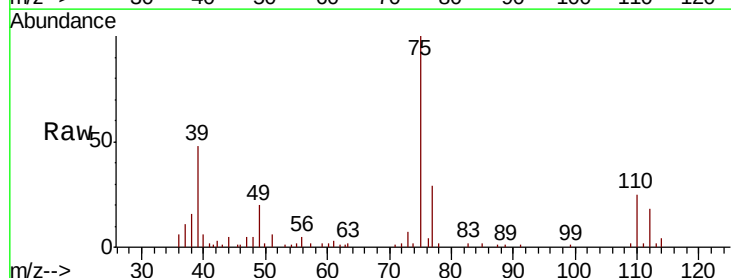
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

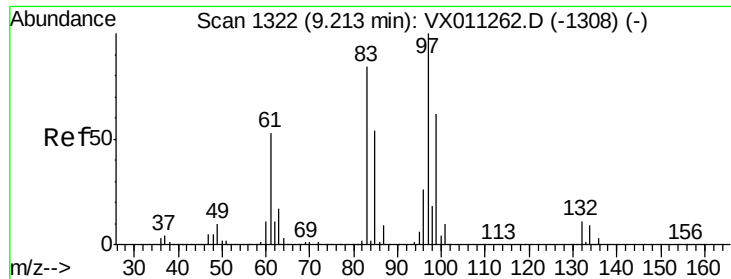
Tot Ion: 75 Resp: 7367
Ion Ratio Lower Upper
75 100
77 36.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 4.577 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 75 Resp: 9124
Ion Ratio Lower Upper
75 100
77 29.4 25.0 37.6
39 44.9 35.3 52.9



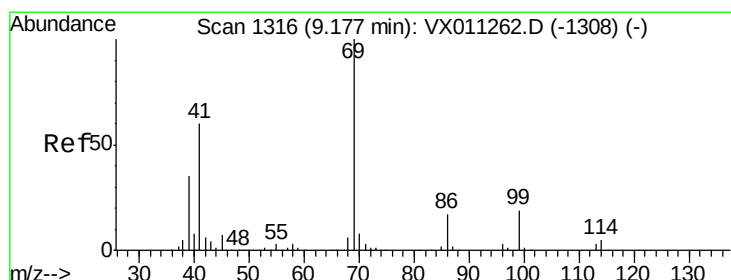
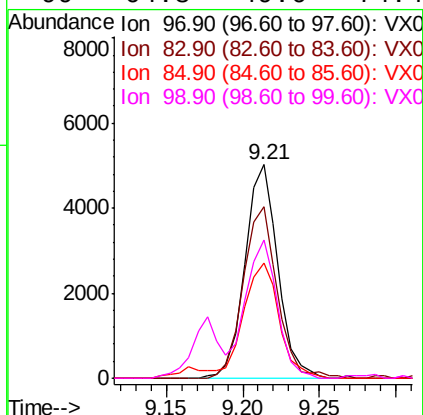
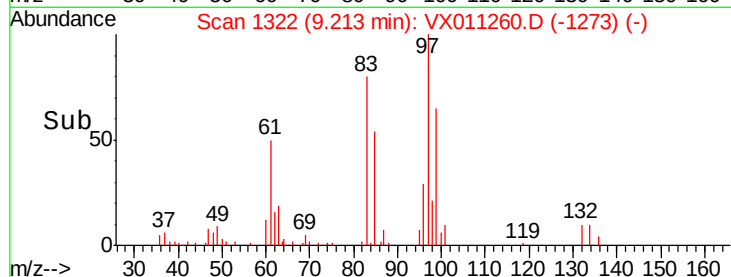
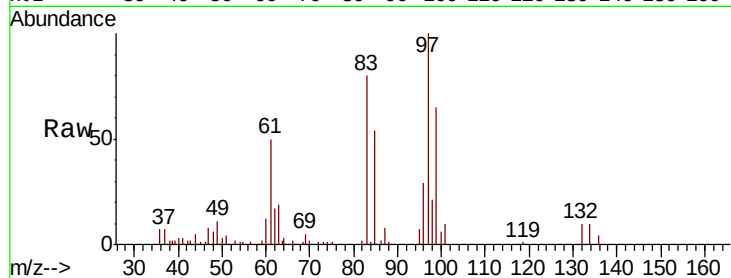


#55
 1,1,2-Trichloroethane
 Concen: 5.324 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 97 Resp: 7454

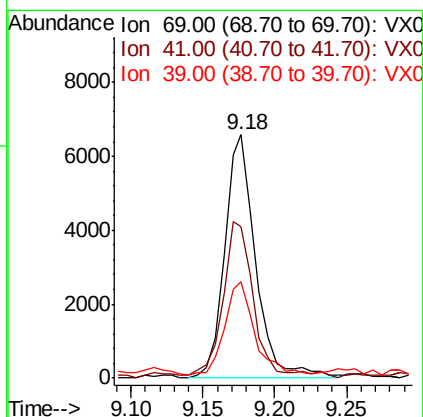
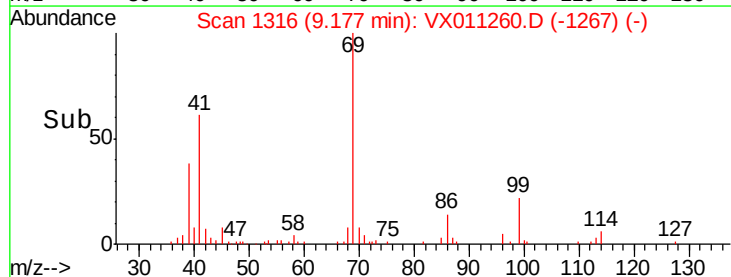
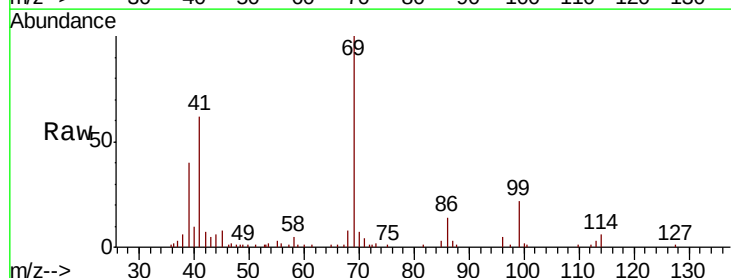
Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.6	101.4
85	53.9	43.4	65.0
99	64.8	49.6	74.4

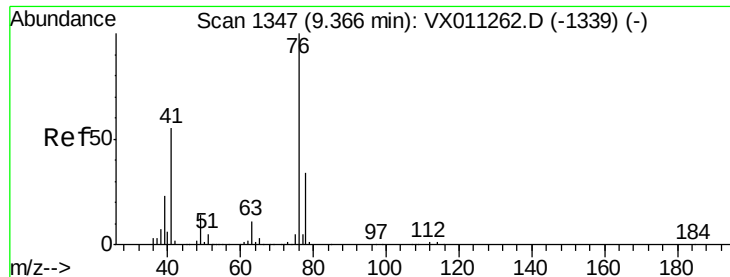


#56
 Ethyl methacrylate
 Concen: 4.886 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion: 69 Resp: 9932

Ion	Ratio	Lower	Upper
69	100		
41	65.4	48.6	73.0
39	38.4	29.4	44.2





#57

1,3-Dichloropropane

Concen: 5.583 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

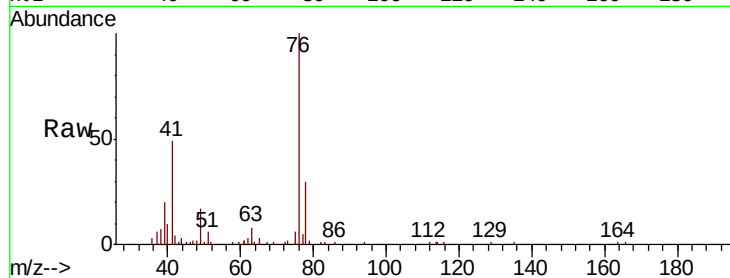
VSTDIC005

Tot Ion: 76 Resp: 12355

Ion Ratio Lower Upper

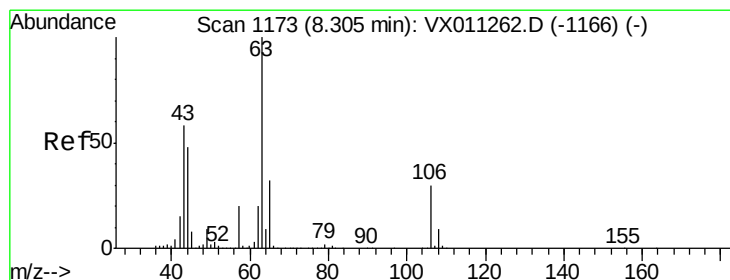
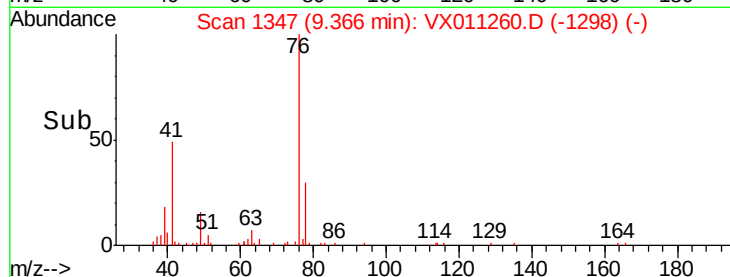
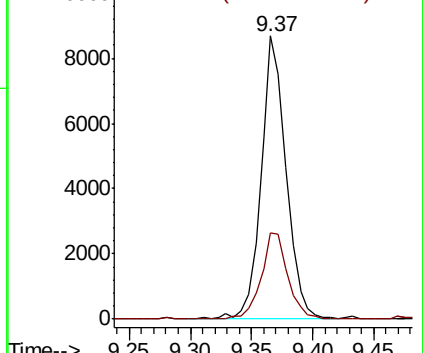
76 100

78 32.4 26.6 40.0



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: 27.932 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011260.D

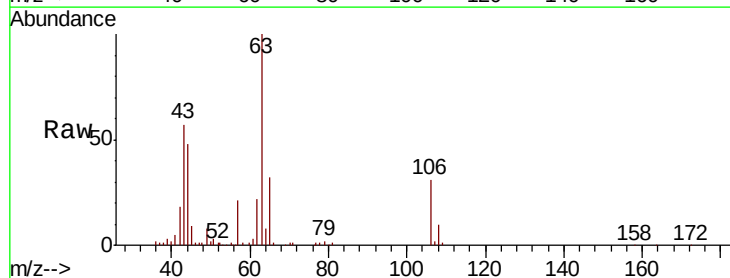
Acq: 01 Aug 2019 15:22

Tgt Ion: 63 Resp: 27208

Ion Ratio Lower Upper

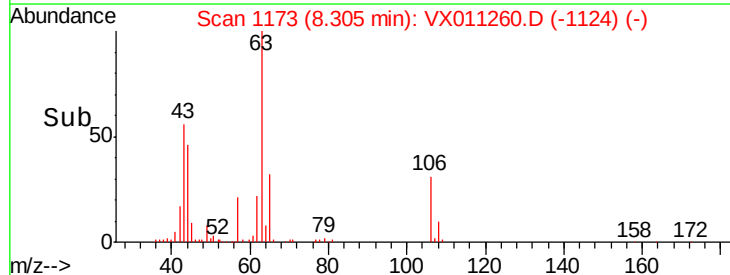
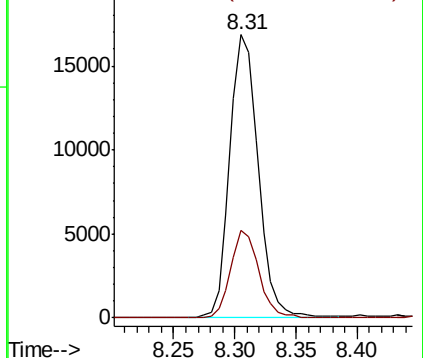
63 100

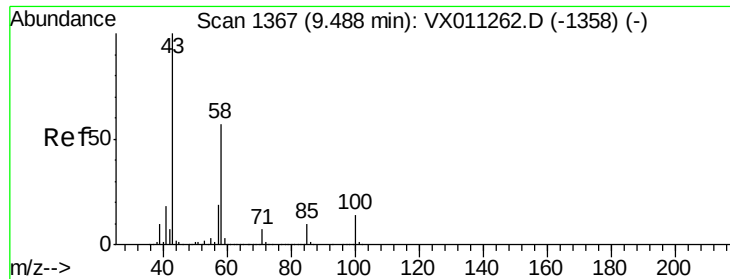
106 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

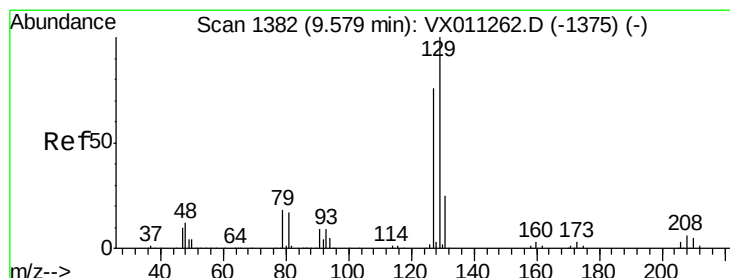
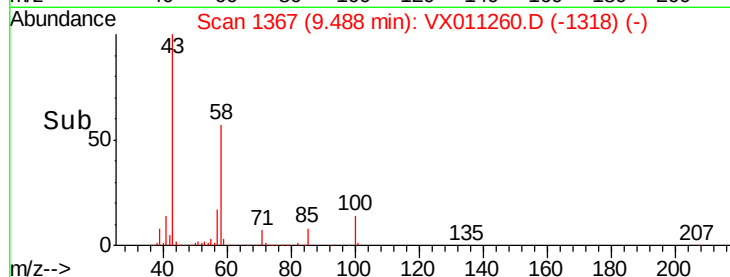
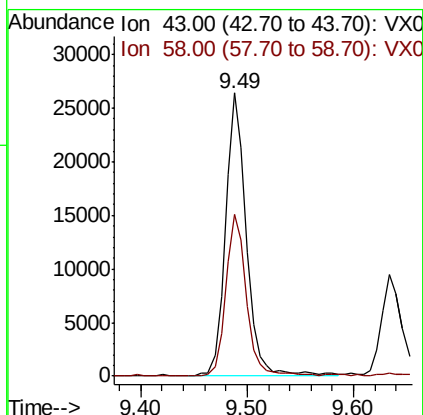
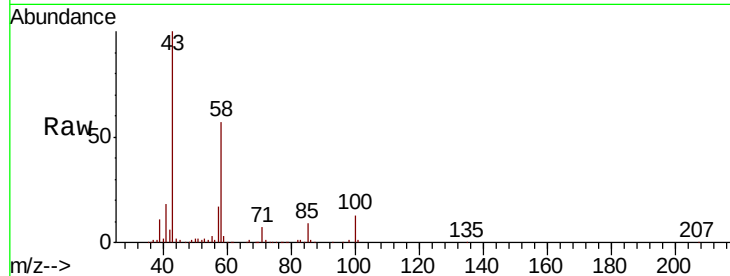




#59
2-Hexanone
Concen: 25.442 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

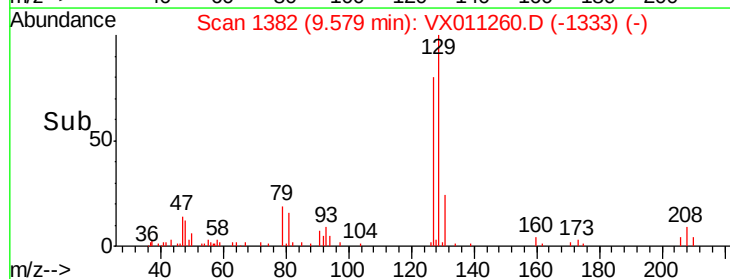
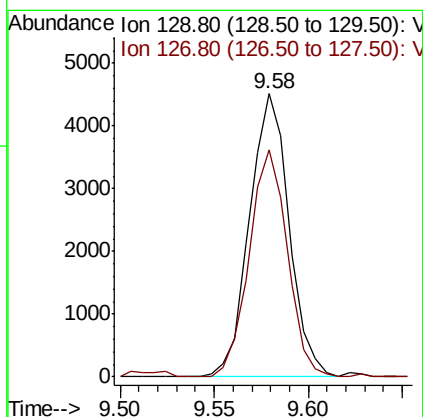
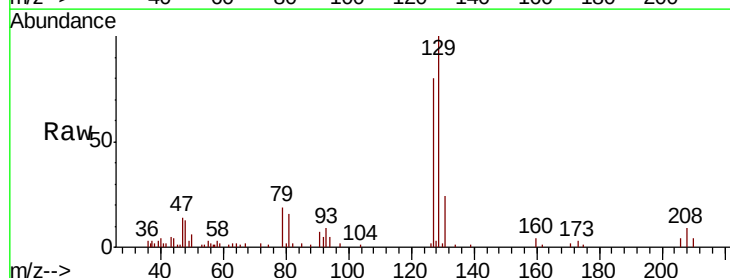
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

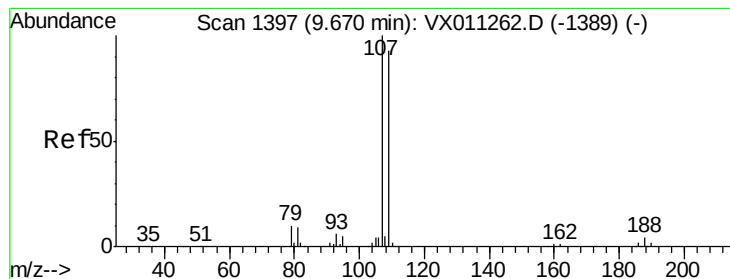
Tot Ion: 43 Resp: 36233
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.6



#60
Dibromochloromethane
Concen: 4.645 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 129 Resp: 6565
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 5.364 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

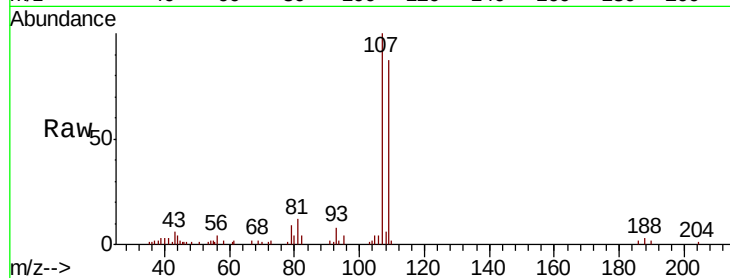
VSTDIC005

Tot Ion:107 Resp: 7975

Ion Ratio Lower Upper

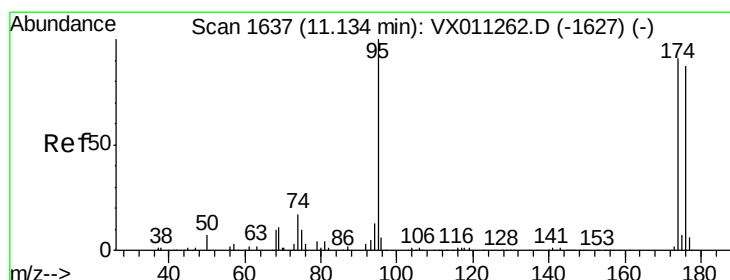
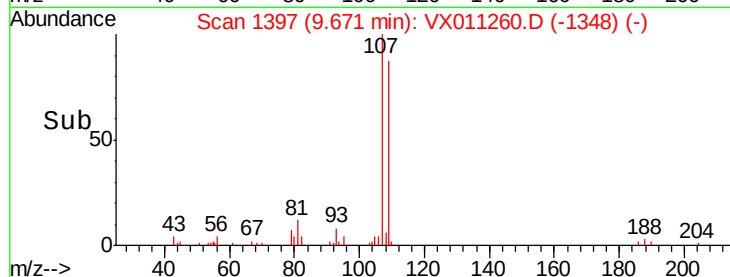
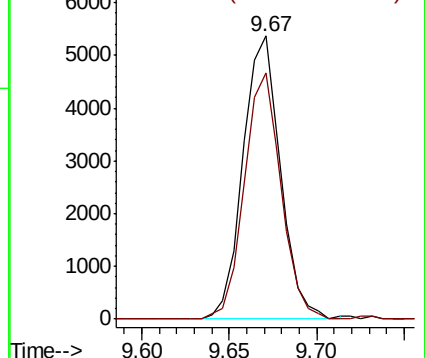
107 100

109 85.3 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.839 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

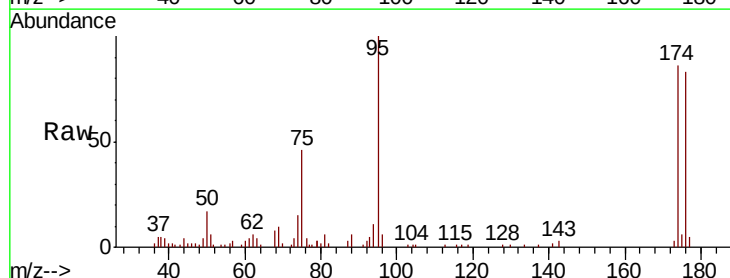
Tgt Ion: 95 Resp: 8555

Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.2

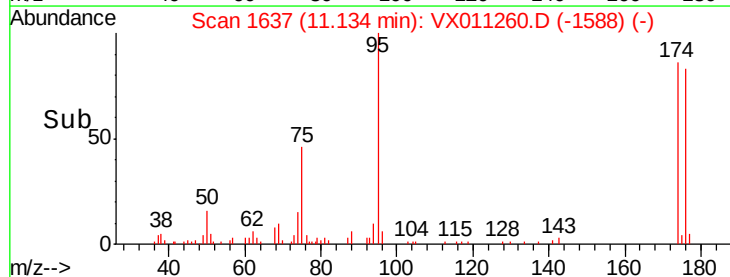
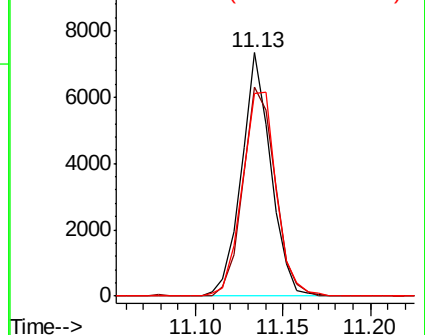
176 97.3 0.0 184.8

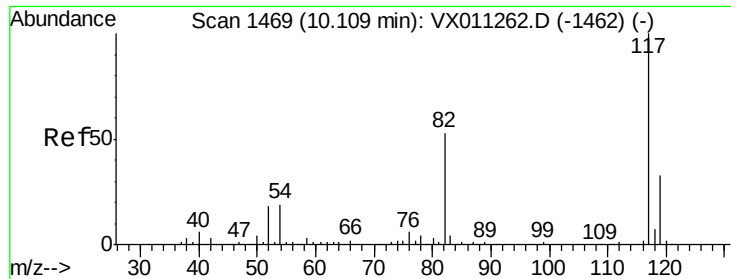


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

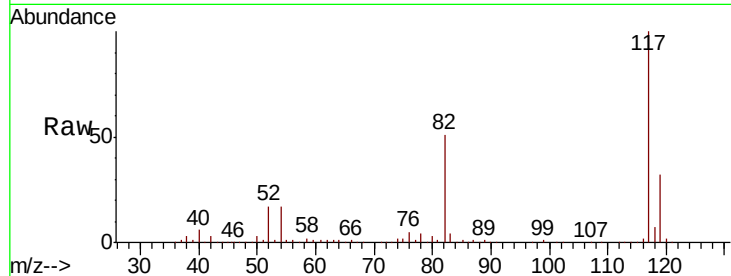




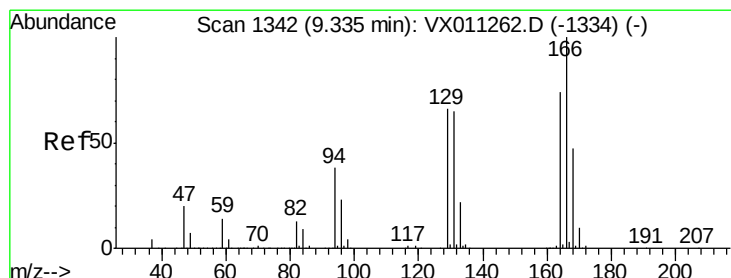
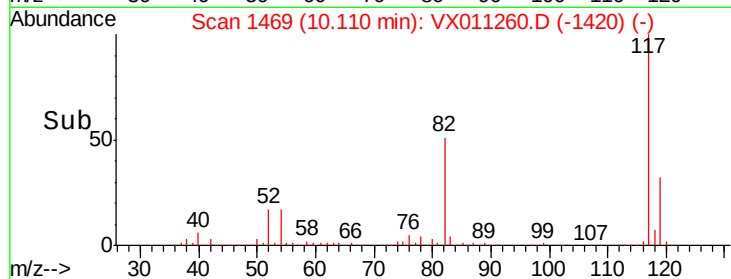
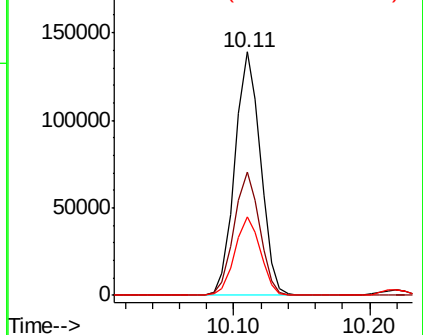
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:117 Resp: 182556
Ion Ratio Lower Upper
117 100
82 50.6 42.2 63.2
119 32.2 26.6 39.8

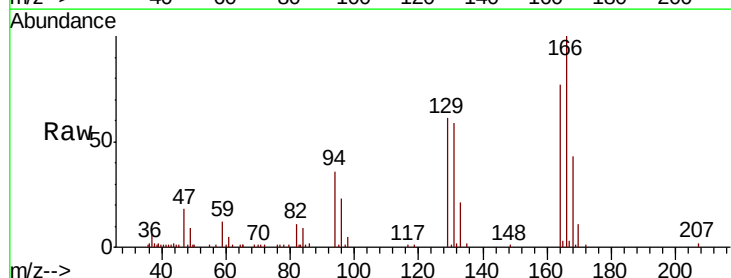


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

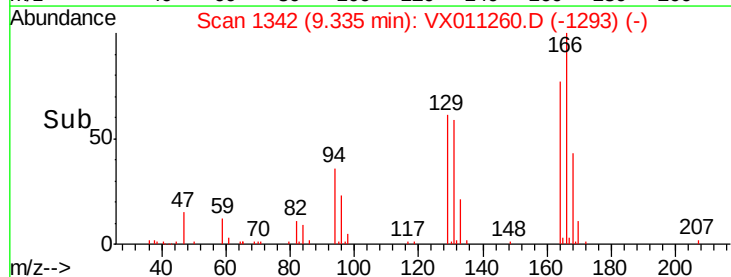
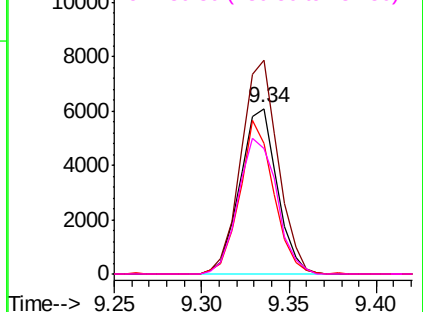


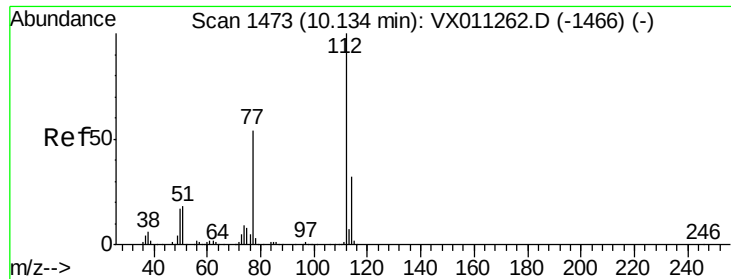
#64
Tetrachloroethene
Concen: 6.147 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion:164 Resp: 8977
Ion Ratio Lower Upper
164 100
166 129.1 107.5 161.3
129 79.1 71.0 106.4
131 75.9 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

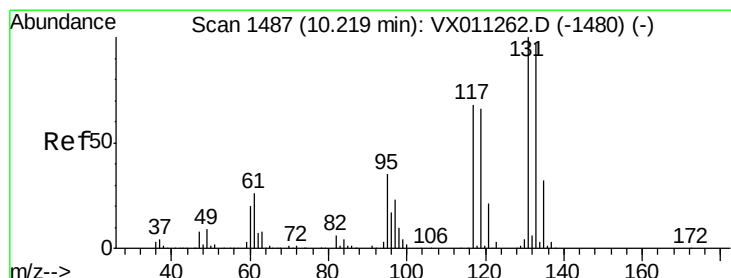
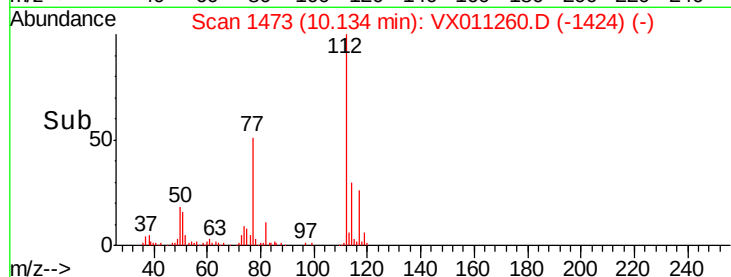
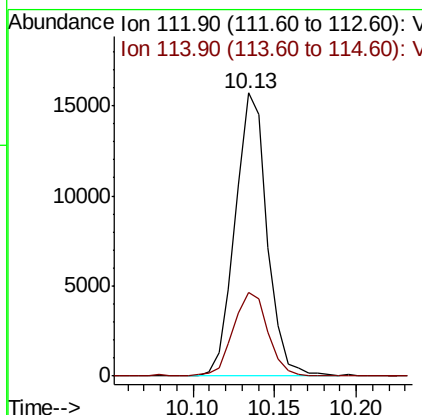
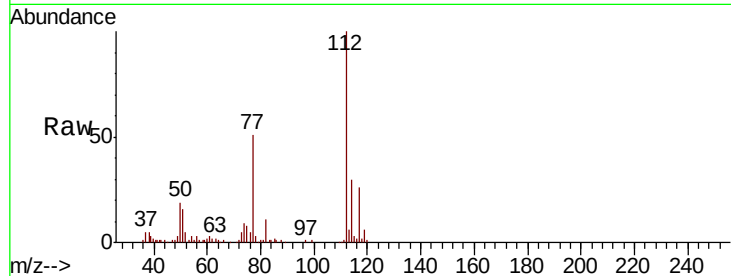




#65
Chlorobenzene
Concen: 5.645 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

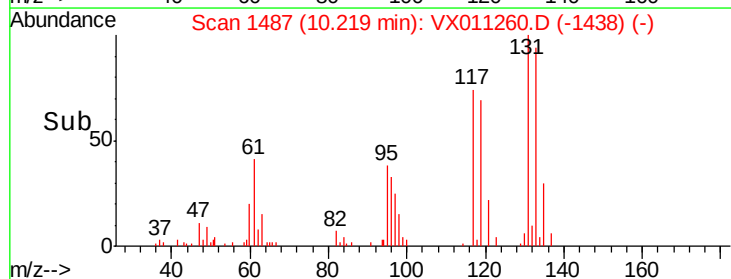
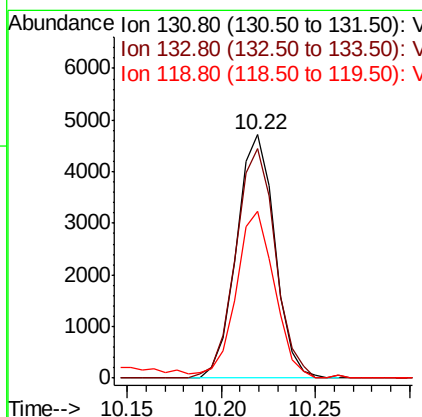
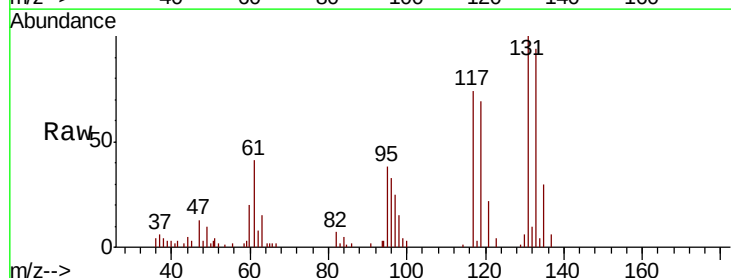
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

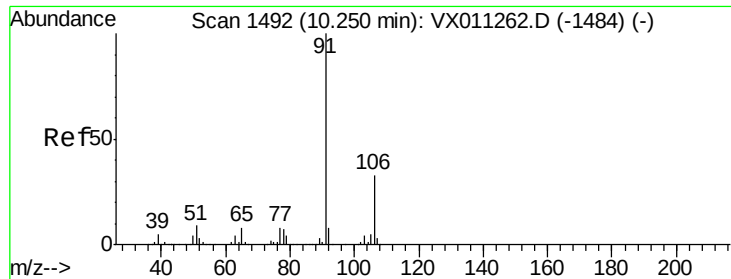
Tot Ion:112 Resp: 21467
Ion Ratio Lower Upper
112 100
114 29.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.000 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion:131 Resp: 6658
Ion Ratio Lower Upper
131 100
133 97.1 47.7 143.1
119 68.8 32.8 98.3

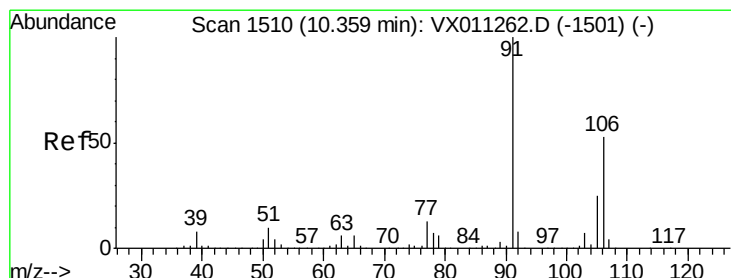
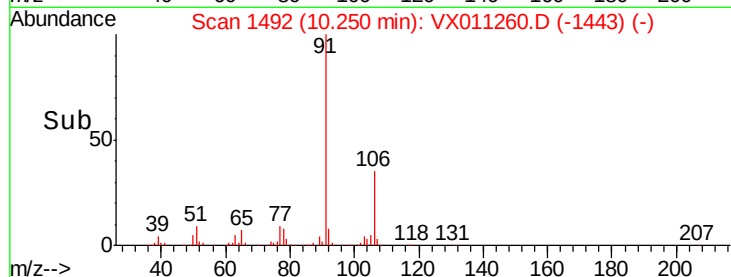
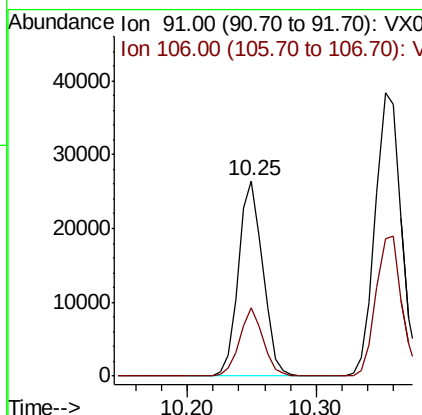
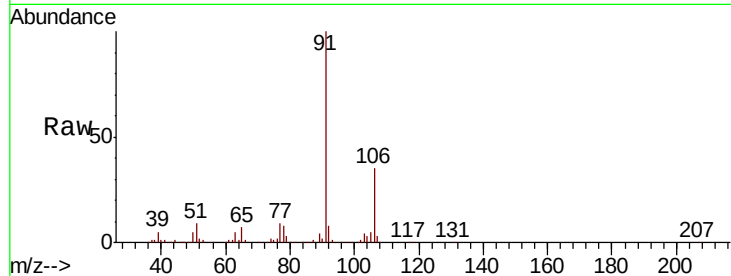




#67
Ethyl Benzene
Concen: 5.417 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

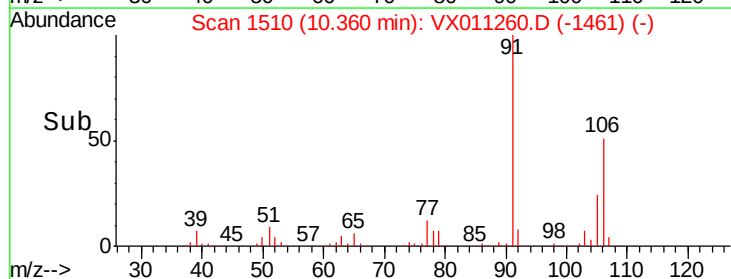
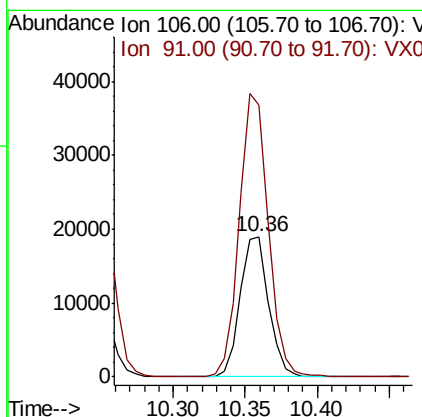
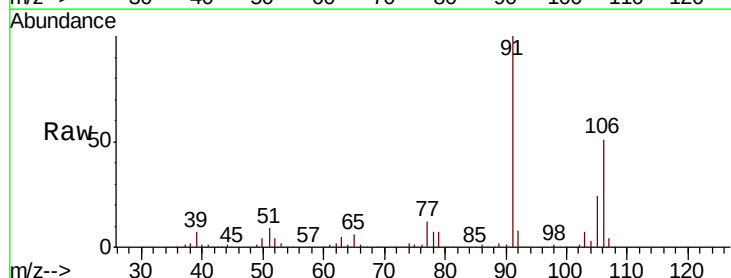
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

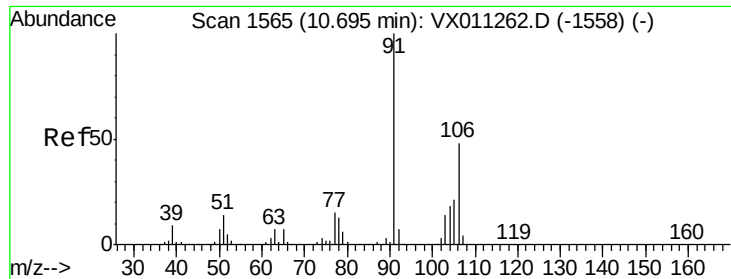
Tot Ion: 91 Resp: 34945
Ion Ratio Lower Upper
91 100
106 35.1 26.2 39.4



#68
m/p-Xylenes
Concen: 10.517 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 106 Resp: 26157
Ion Ratio Lower Upper
106 100
91 205.7 155.9 233.9

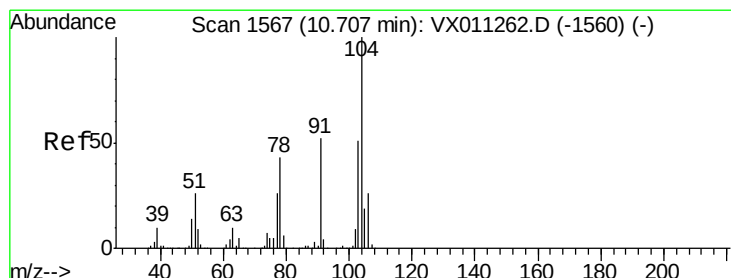
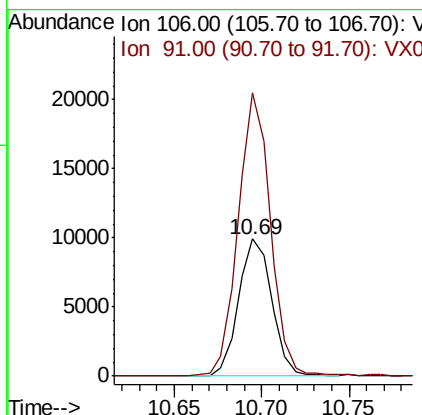
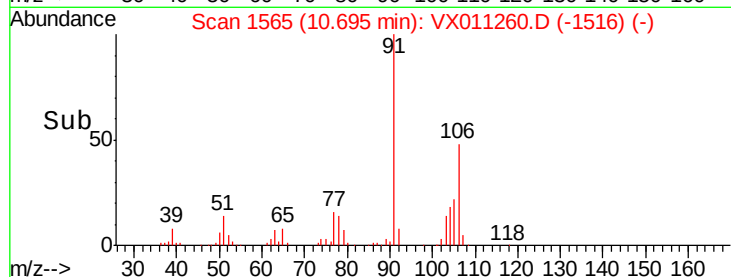
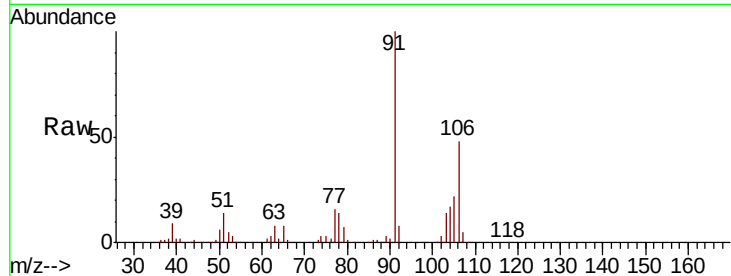




#69
o-Xylene
Concen: 5.430 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

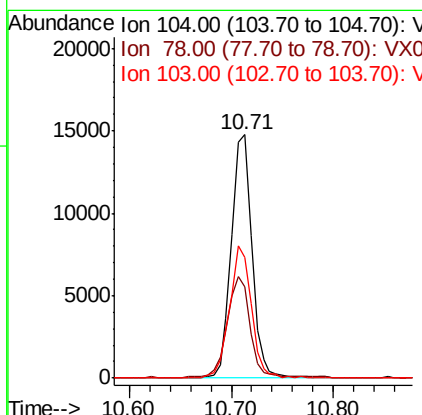
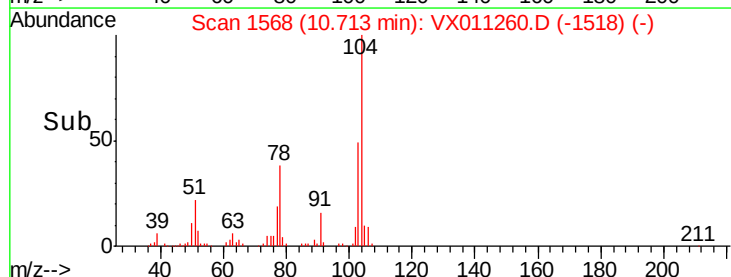
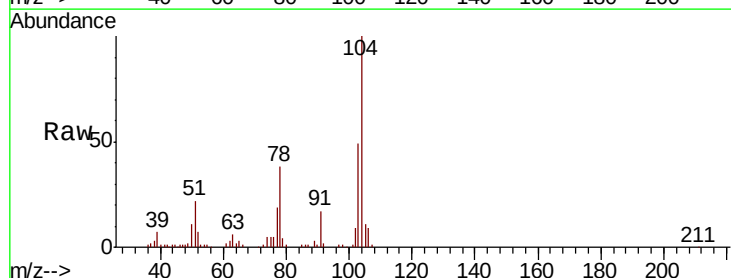
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

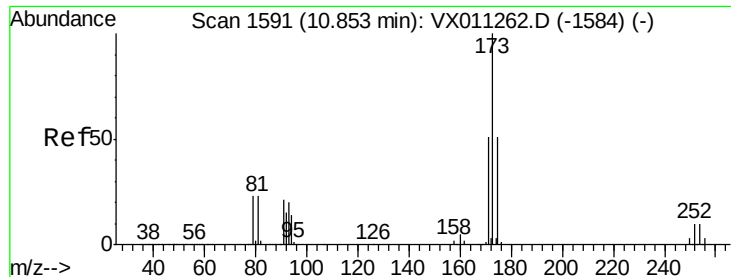
Tot Ion:106 Resp: 13138
Ion Ratio Lower Upper
106 100
91 200.7 103.8 311.3



#70
Styrene
Concen: 5.132 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion:104 Resp: 20728
Ion Ratio Lower Upper
104 100
78 46.4 36.9 55.3
103 57.2 44.4 66.6





#71

Bromoform

Concen: 4.261 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

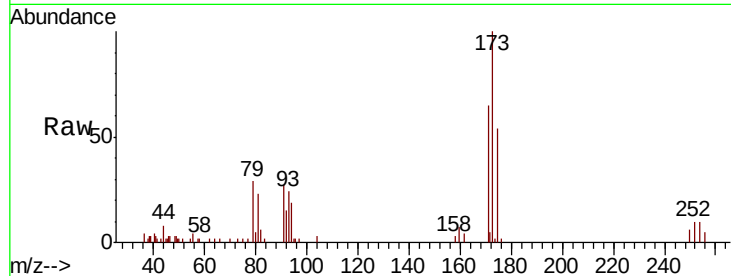
Tot Ion:173 Resp: 4525

Ion Ratio Lower Upper

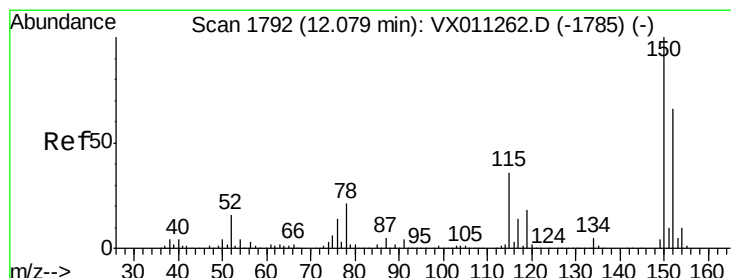
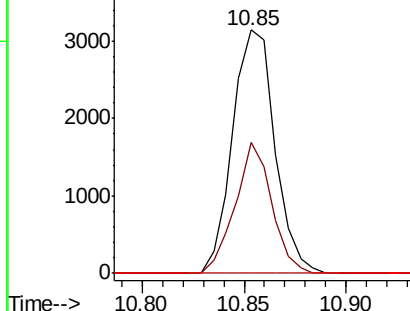
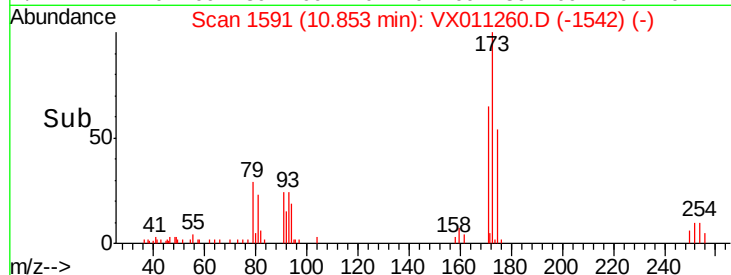
173 100

175 46.2 24.4 73.4

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

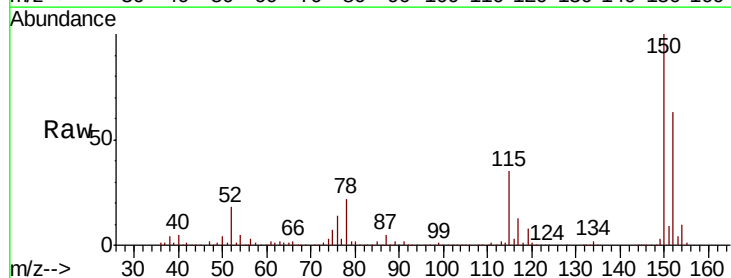
Tgt Ion:152 Resp: 93808

Ion Ratio Lower Upper

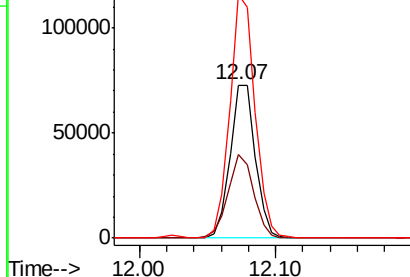
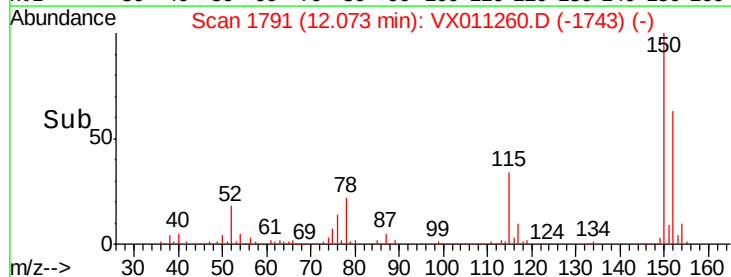
152 100

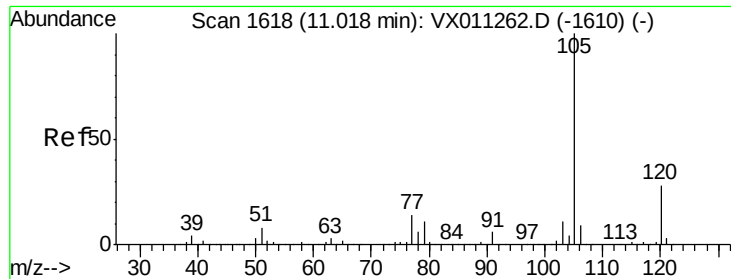
115 55.7 40.0 119.9

150 157.9 0.0 350.4



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





#73

Isopropylbenzene

Concen: 5.364 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

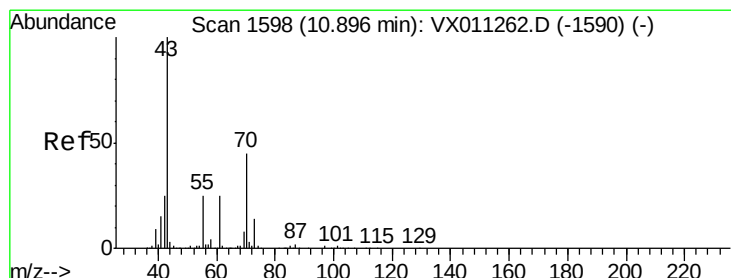
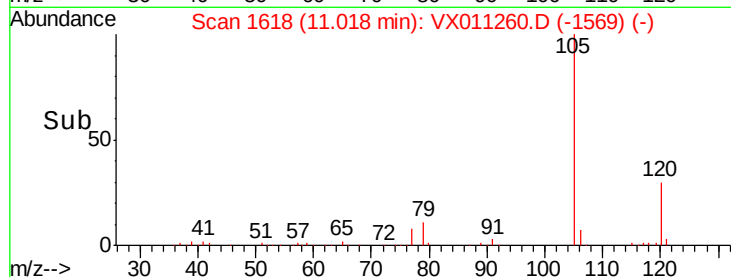
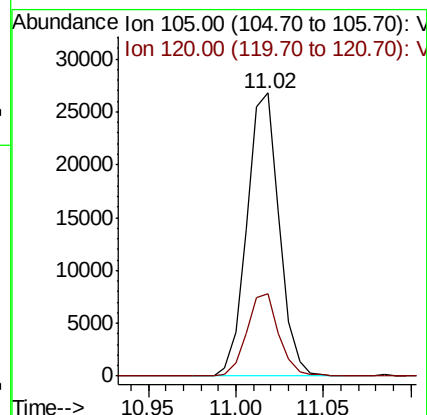
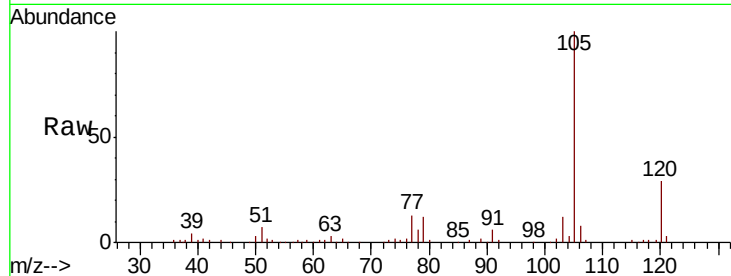
VSTDIC005

Tot Ion:105 Resp: 34348

Ion Ratio Lower Upper

105 100

120 28.7 13.7 41.1



#74

N-ethyl acetate

Concen: 4.505 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Tgt Ion: 43 Resp: 10960

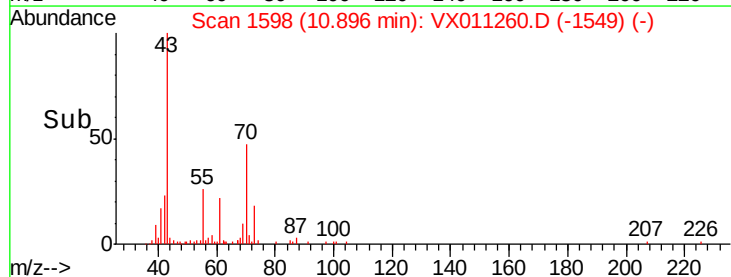
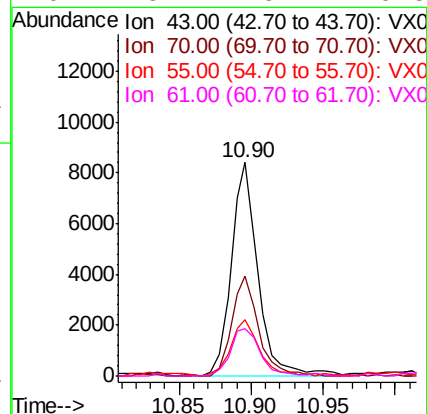
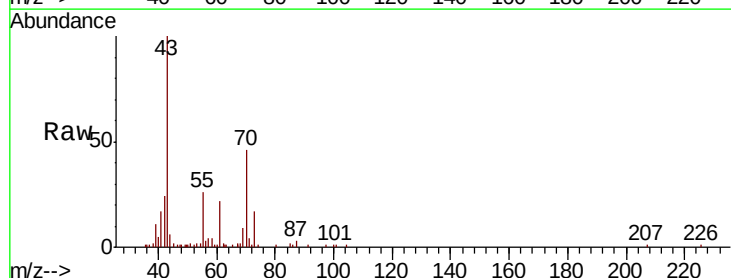
Ion Ratio Lower Upper

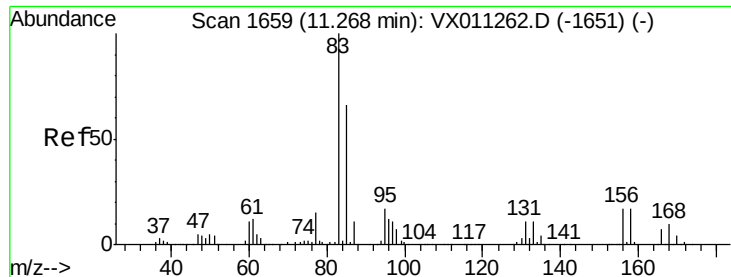
43 100

70 46.7 35.9 53.9

55 28.0 19.8 29.6

61 25.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 5.727 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

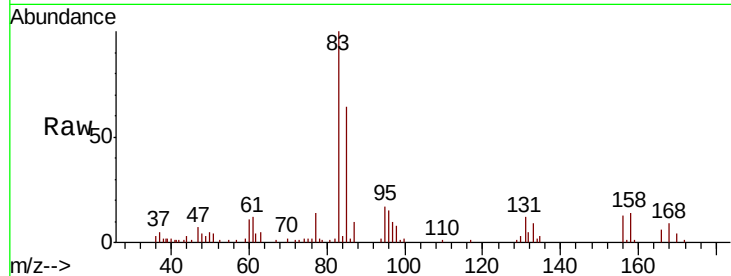
Tot Ion: 83 Resp: 12009

Ion Ratio Lower Upper

83 100

131 12.1 5.6 16.8

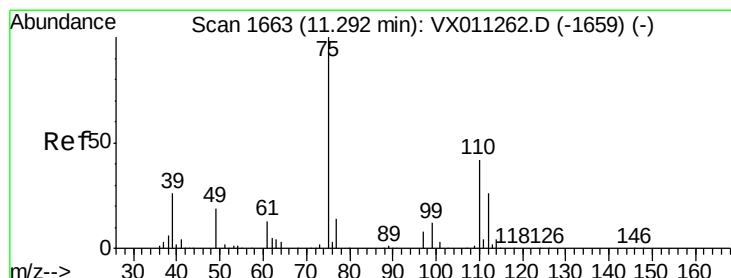
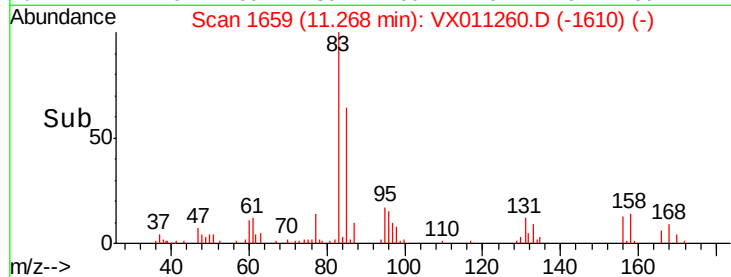
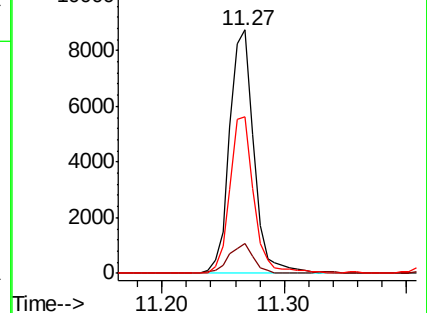
85 63.5 32.1 96.5



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: 6.468 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011260.D

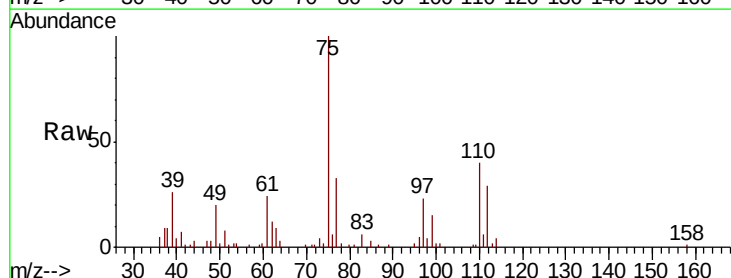
Acq: 01 Aug 2019 15:22

Tgt Ion: 75 Resp: 11051

Ion Ratio Lower Upper

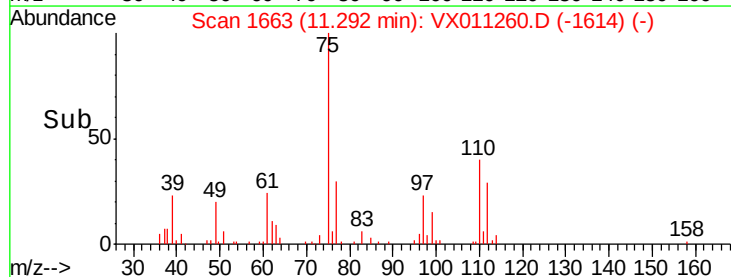
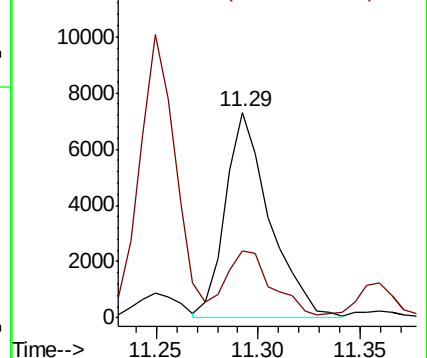
75 100

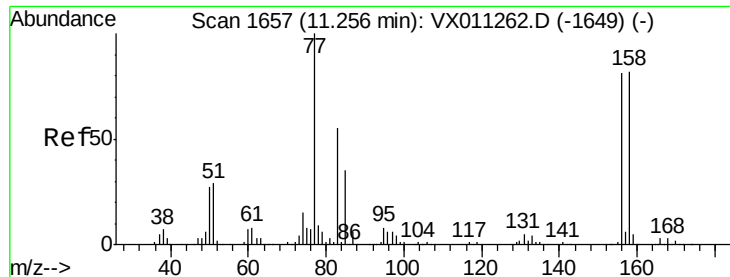
77 34.4 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.281 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

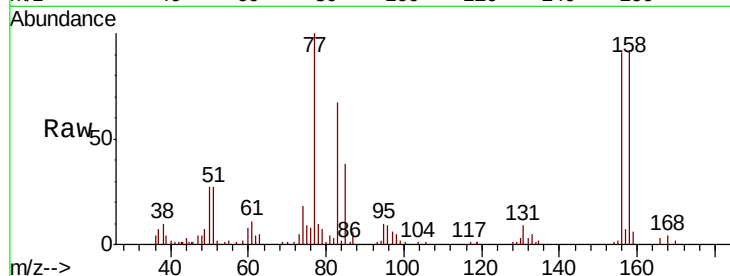
Tot Ion:156 Resp: 9334

Ion Ratio Lower Upper

156 100

77 132.8 66.2 198.6

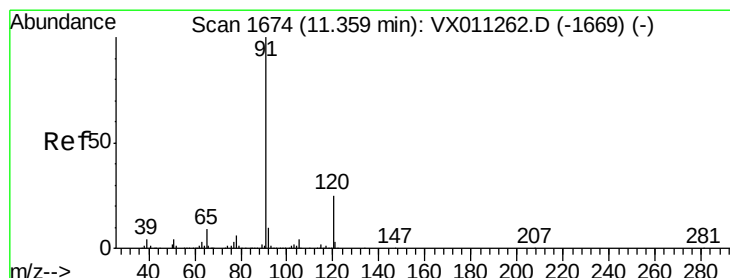
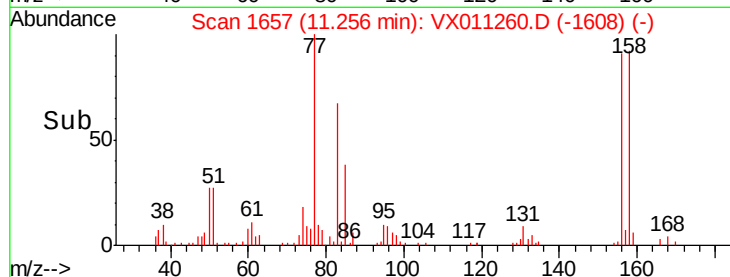
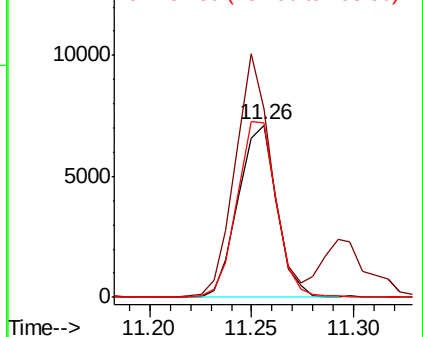
158 104.5 49.1 147.3



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: 5.328 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011260.D

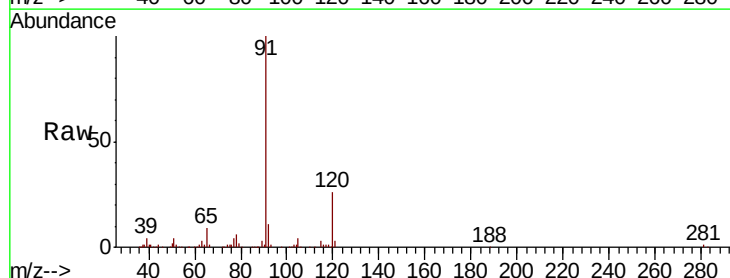
Acq: 01 Aug 2019 15:22

Tgt Ion: 91 Resp: 37658

Ion Ratio Lower Upper

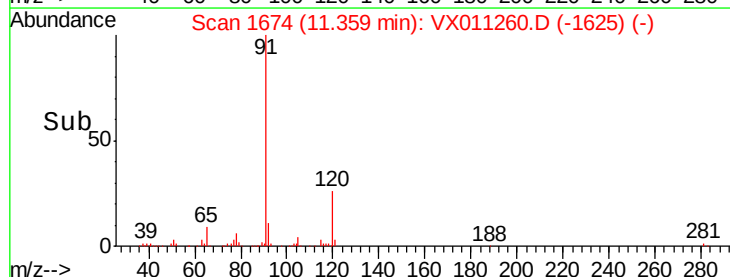
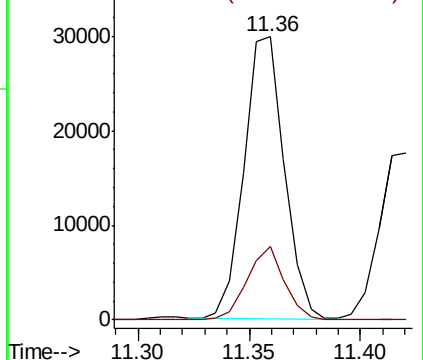
91 100

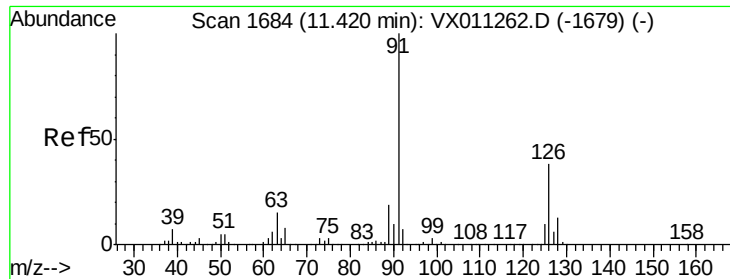
120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.459 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

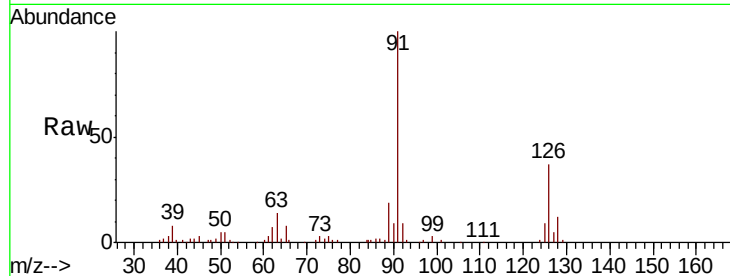
VSTDIC005

Tot Ion: 91 Resp: 23120

Ion Ratio Lower Upper

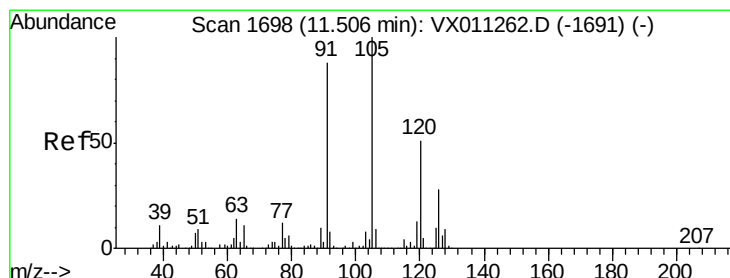
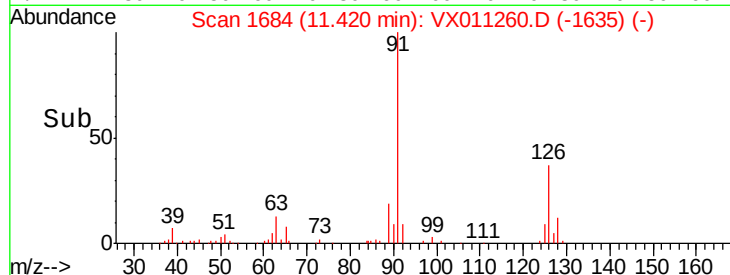
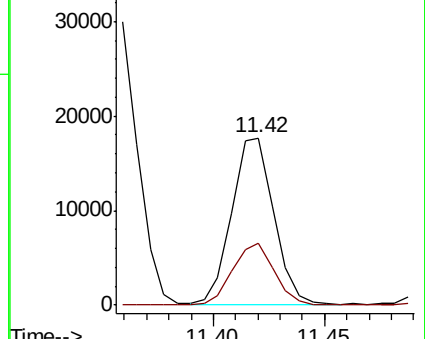
91 100

126 36.8 18.5 55.5



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: 5.368 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011260.D

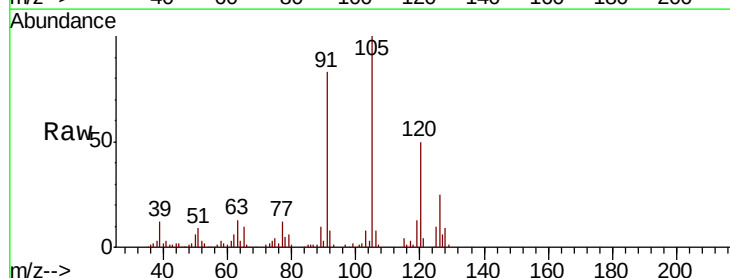
Acq: 01 Aug 2019 15:22

Tgt Ion:105 Resp: 28600

Ion Ratio Lower Upper

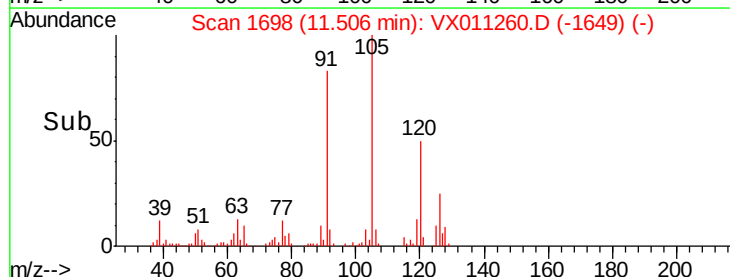
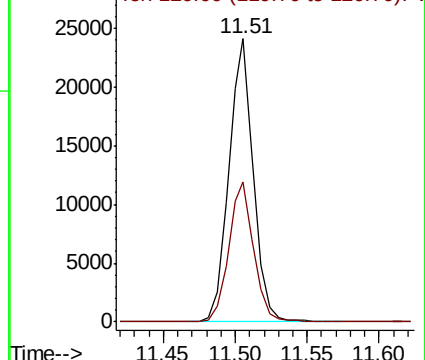
105 100

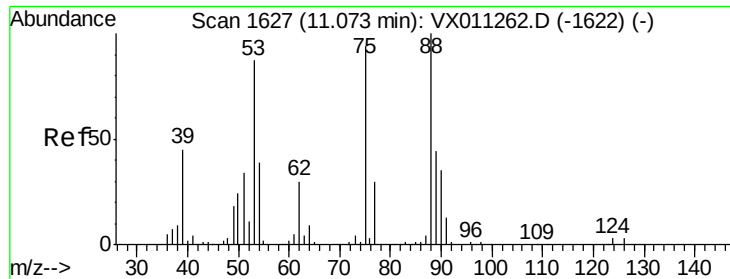
120 50.4 25.1 75.2



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: 3.818 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

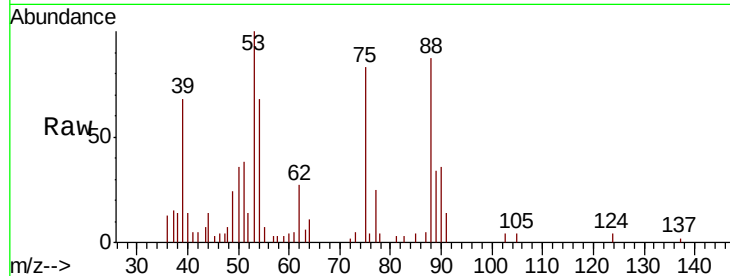
Tot Ion: 75 Resp: 2353

Ion Ratio Lower Upper

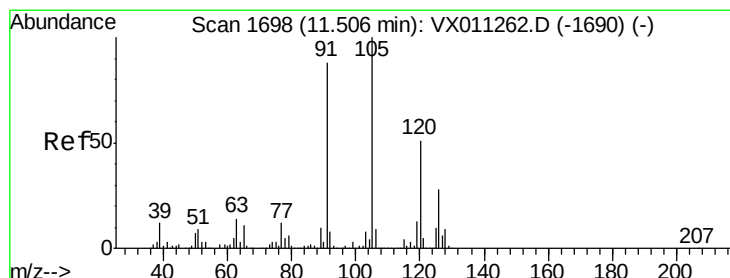
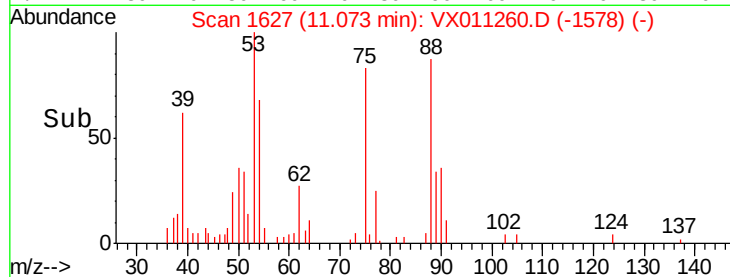
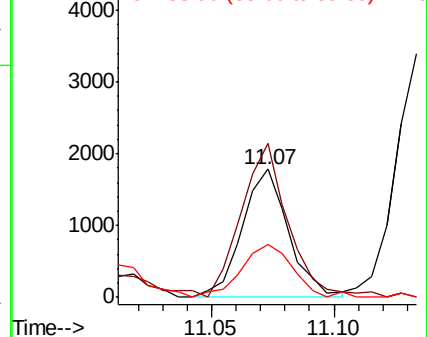
75 100

53 121.5 78.2 117.4#

89 46.0 37.9 56.9



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: 5.350 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011260.D

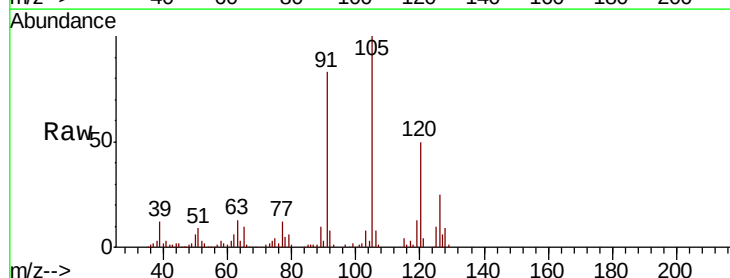
Acq: 01 Aug 2019 15:22

Tgt Ion: 91 Resp: 26414

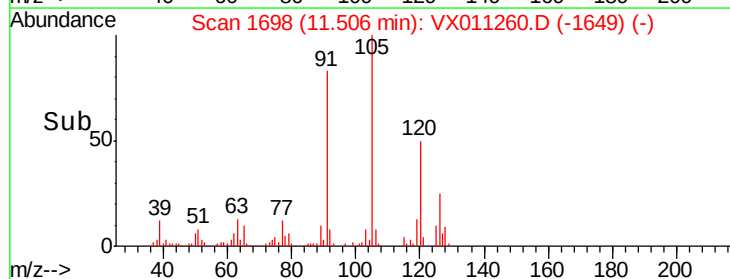
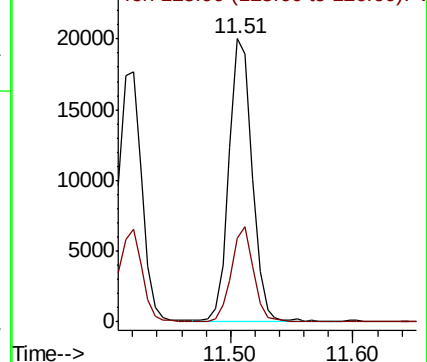
Ion Ratio Lower Upper

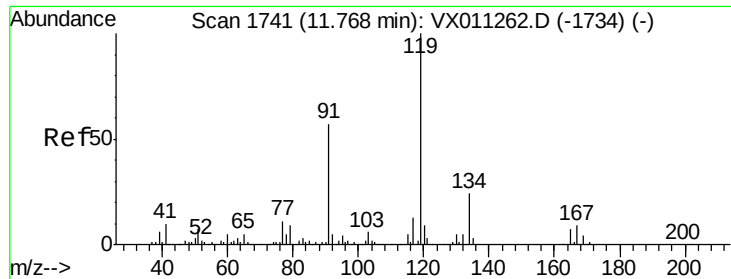
91 100

126 31.7 16.4 49.2



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

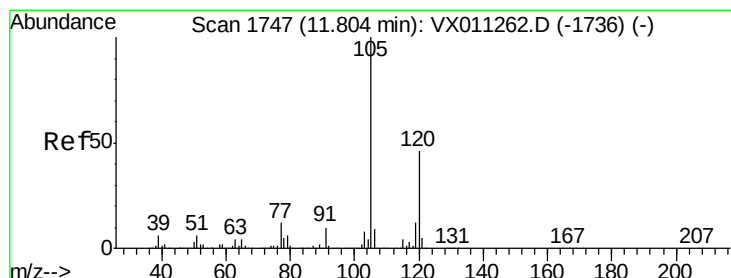
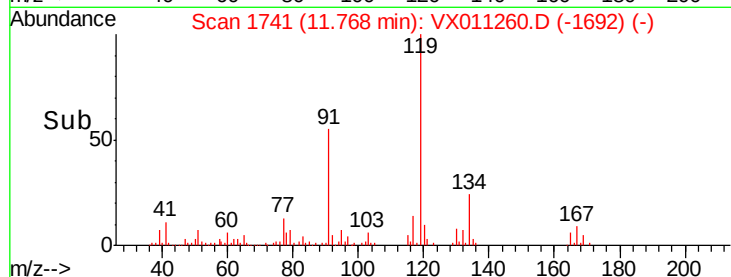
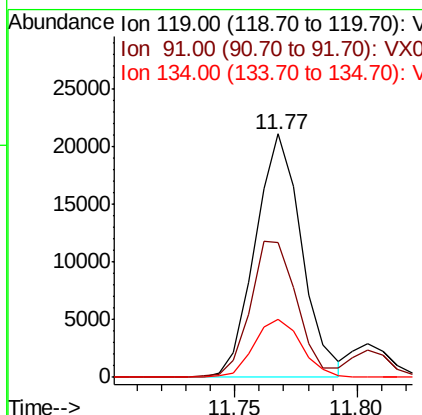
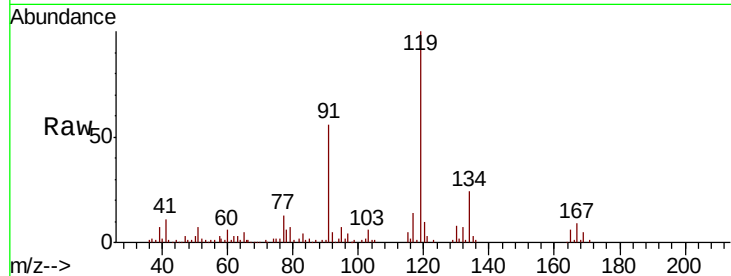




#83
 tert-Butylbenzene
 Concen: 5.309 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

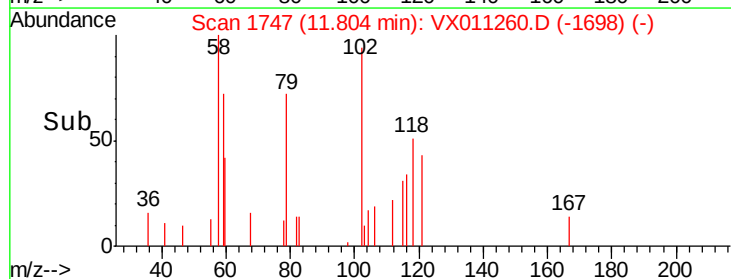
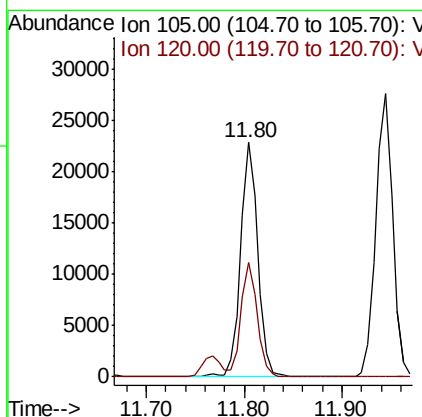
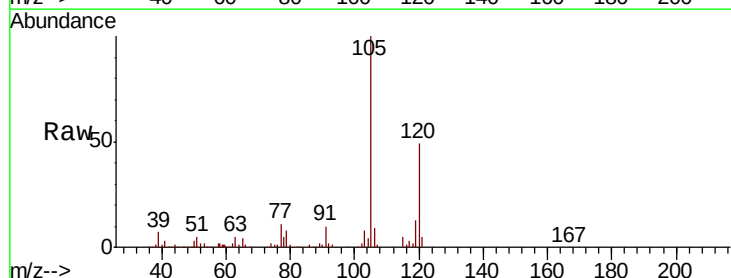
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

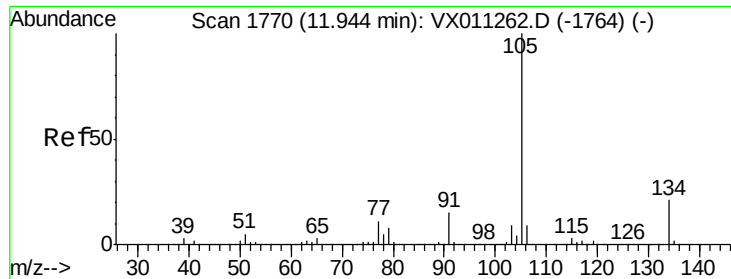
Tot Ion:119 Resp: 27866
 Ion Ratio Lower Upper
 119 100
 91 56.7 28.0 84.0
 134 24.1 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 5.192 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion:105 Resp: 27984
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 5.390 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

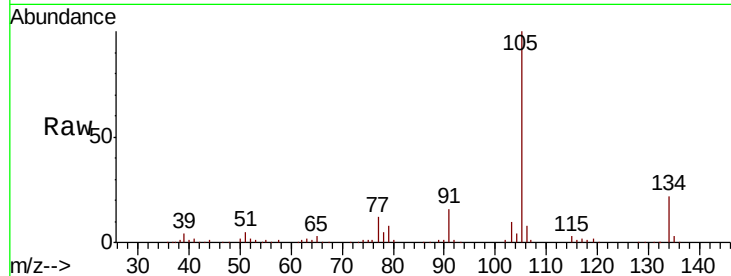
VSTDIC005

Tot Ion:105 Resp: 33202

Ion Ratio Lower Upper

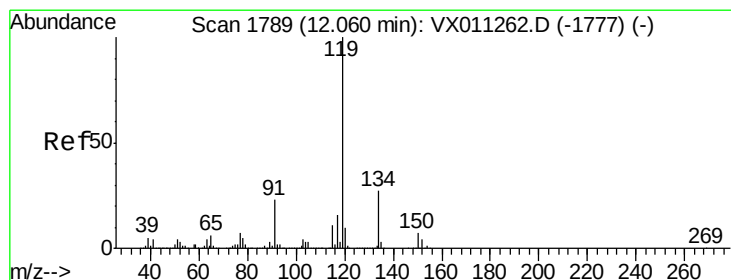
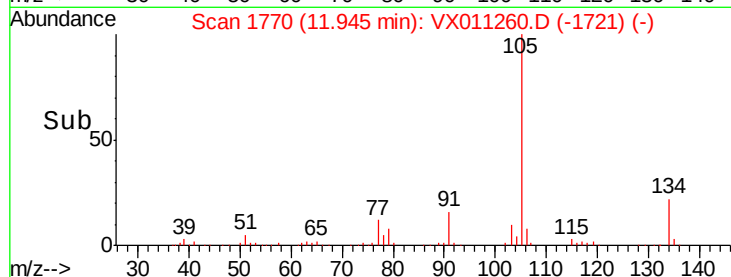
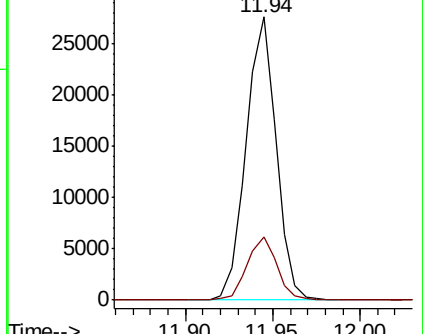
105 100

134 22.0 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: 5.273 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

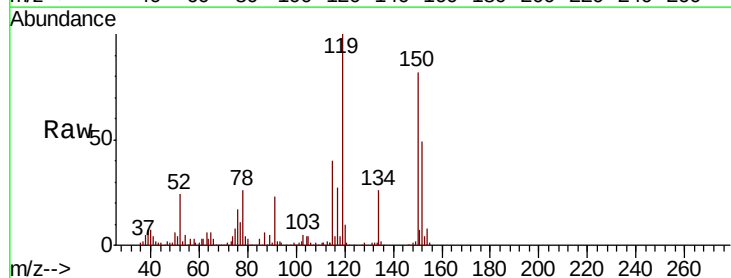
Tgt Ion:119 Resp: 30054

Ion Ratio Lower Upper

119 100

134 28.6 13.7 41.0

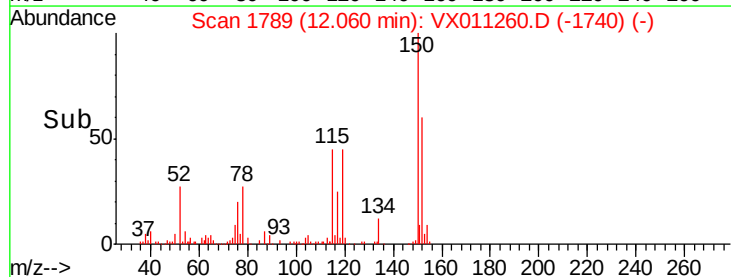
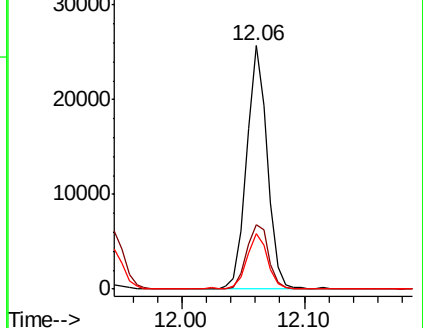
91 23.4 11.4 34.2

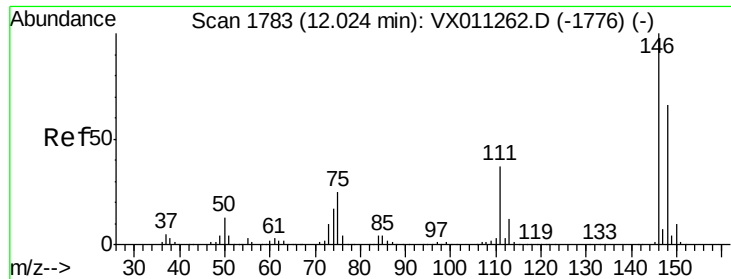


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 5.583 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

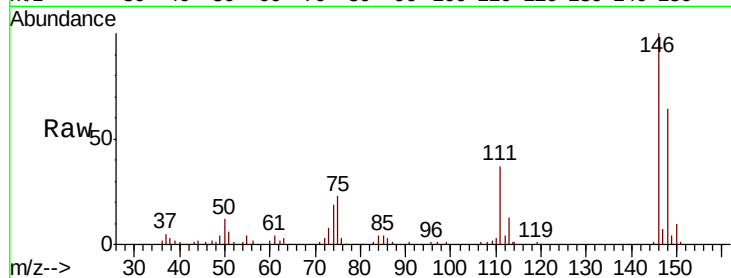
Tot Ion:146 Resp: 17173

Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

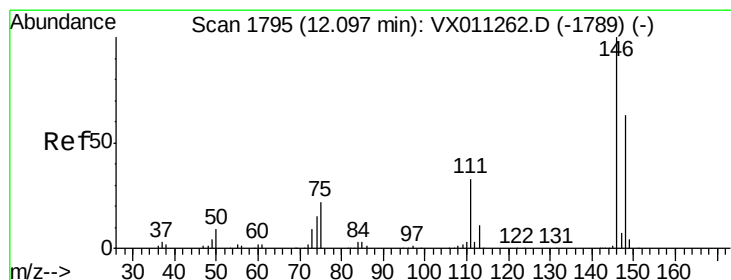
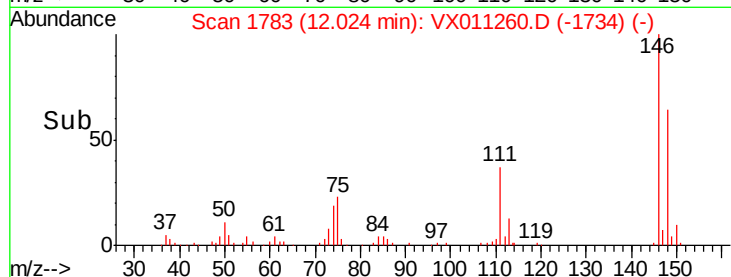
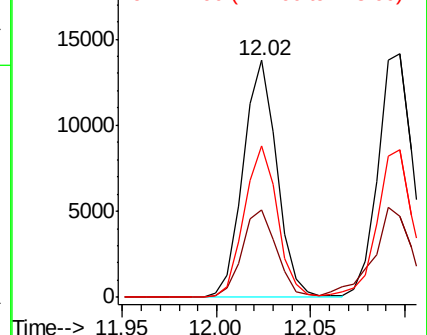
148 62.7 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.795 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

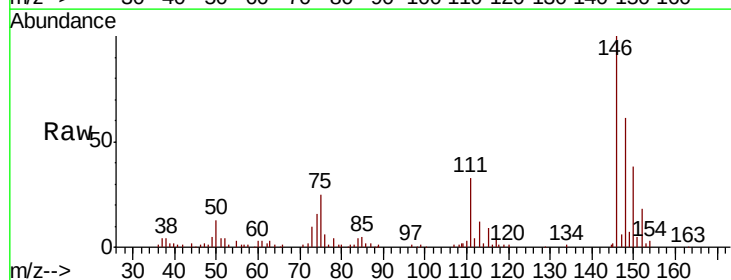
Tgt Ion:146 Resp: 18267

Ion Ratio Lower Upper

146 100

111 39.8 17.8 53.4

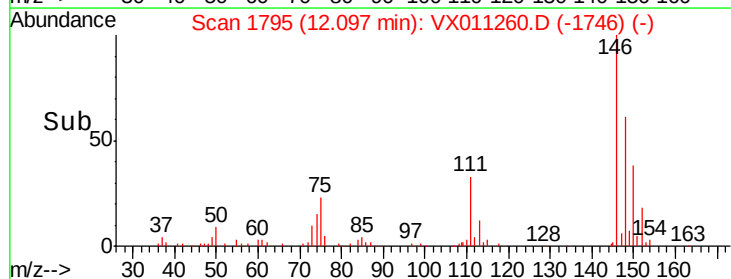
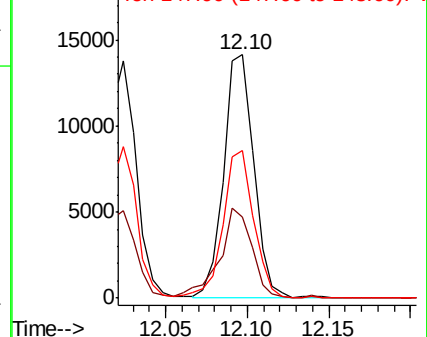
148 61.9 31.8 95.3

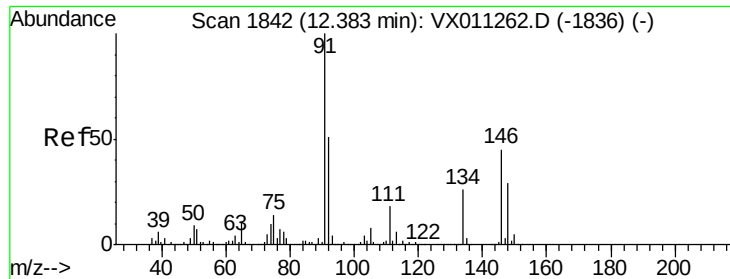


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

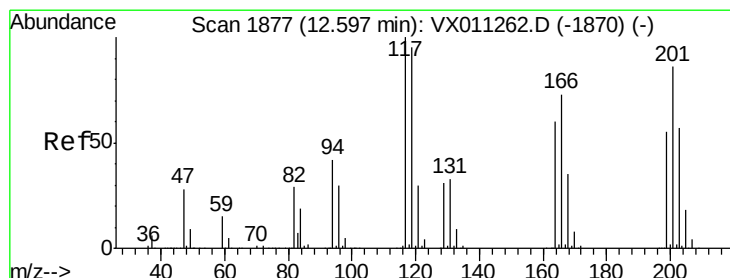
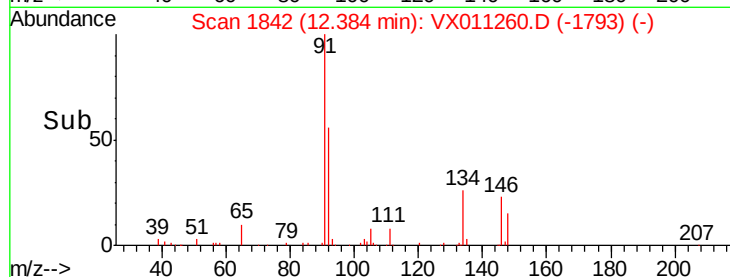
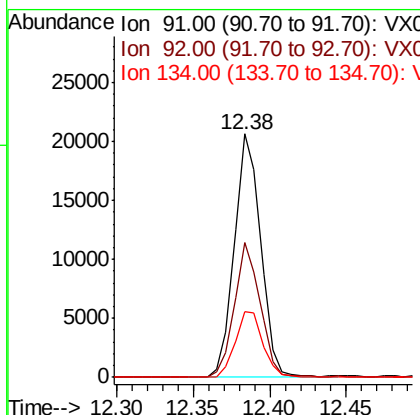
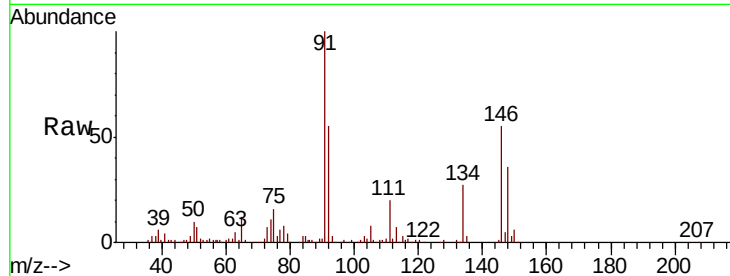




#89
n-Butylbenzene
Concen: 5.067 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

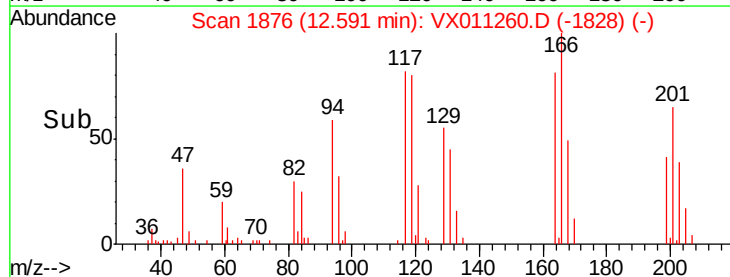
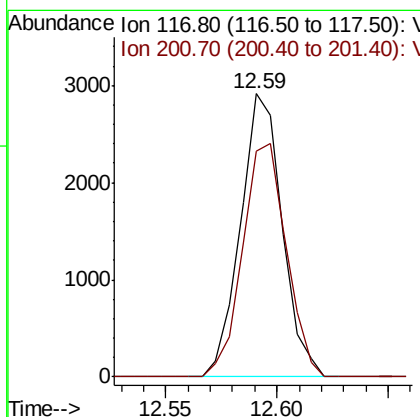
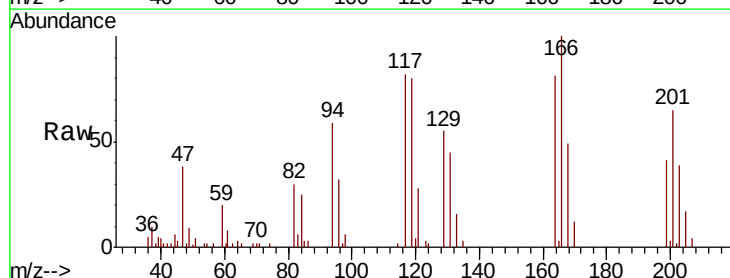
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

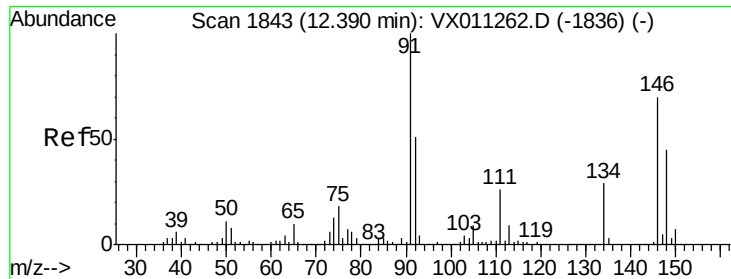
Tot Ion: 91 Resp: 24707
Ion Ratio Lower Upper
91 100
92 54.3 25.8 77.3
134 27.9 13.7 41.0



#90
Hexachloroethane
Concen: 4.251 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011260.D
Acq: 01 Aug 2019 15:22

Tgt Ion: 117 Resp: 3805
Ion Ratio Lower Upper
117 100
201 86.7 41.8 125.4

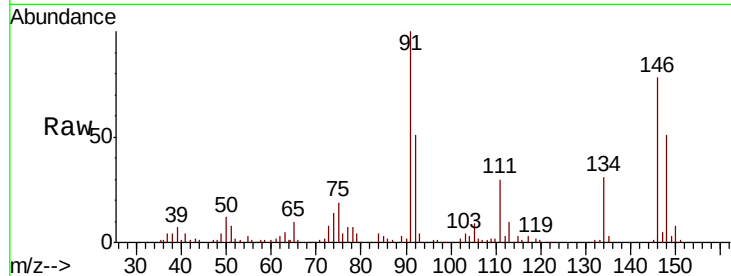




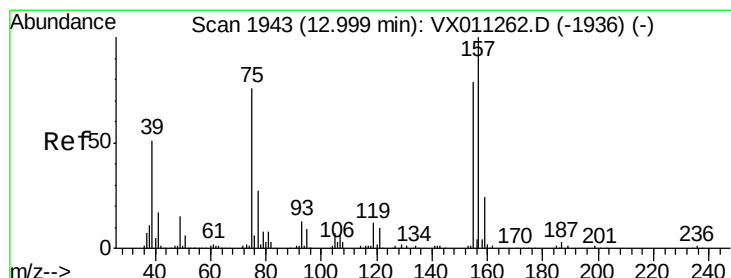
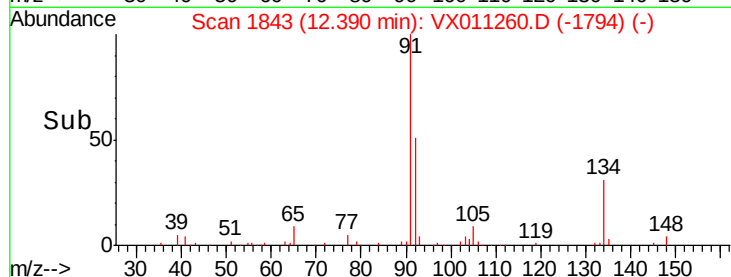
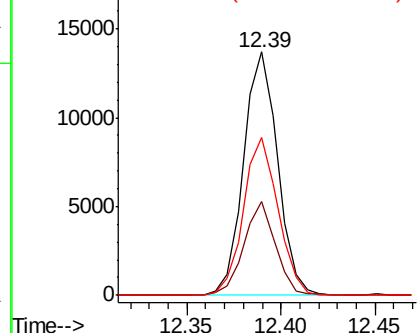
#91
 1,2-Dichlorobenzene
 Concen: 5.619 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 17148
 Ion Ratio Lower Upper
 146 100
 111 36.0 19.1 57.1
 148 65.9 32.3 96.8

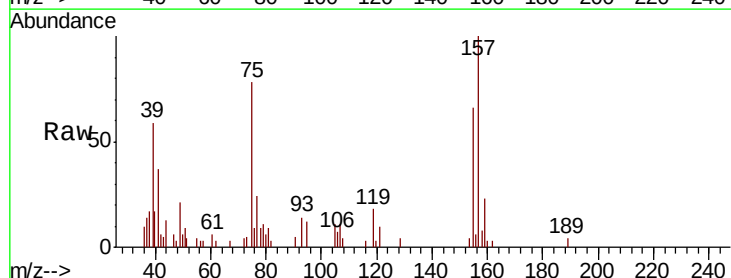


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

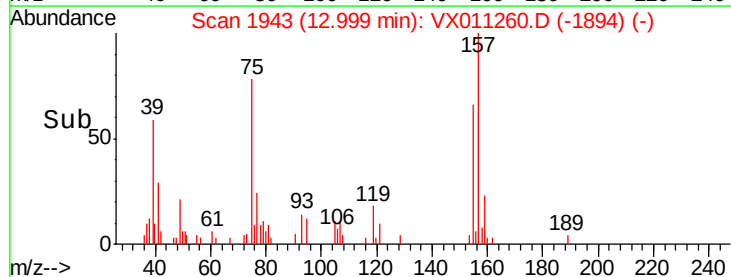
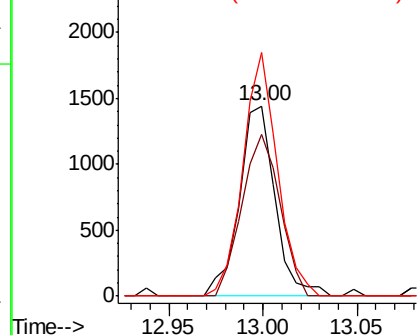


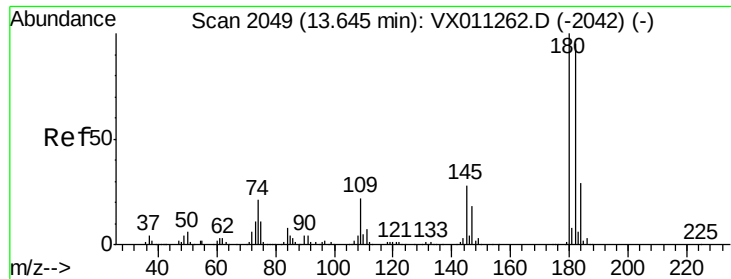
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.417 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion: 75 Resp: 1918
 Ion Ratio Lower Upper
 75 100
 155 89.7 51.9 155.8
 157 122.2 64.3 192.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

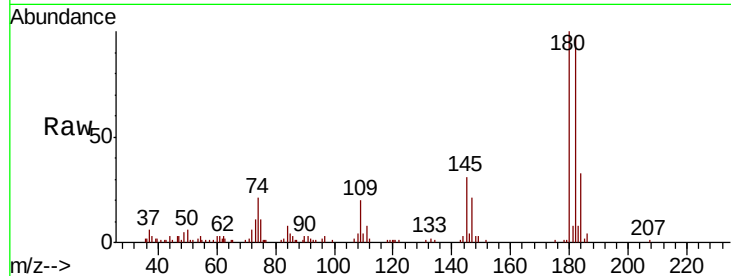




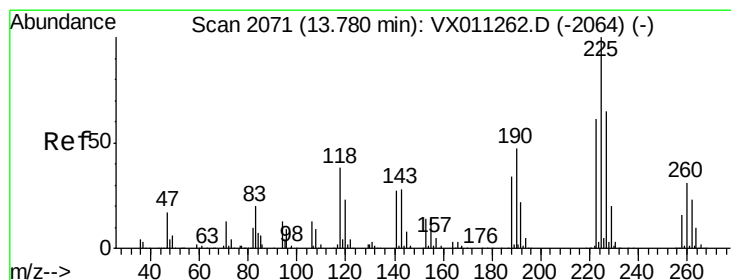
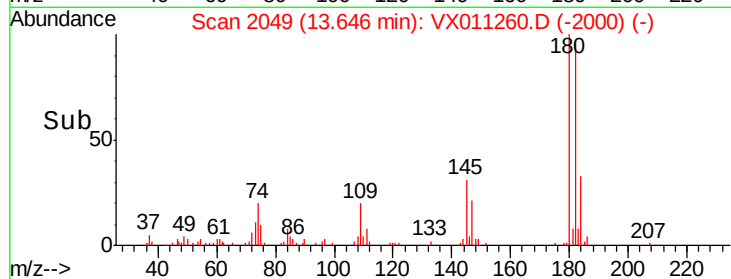
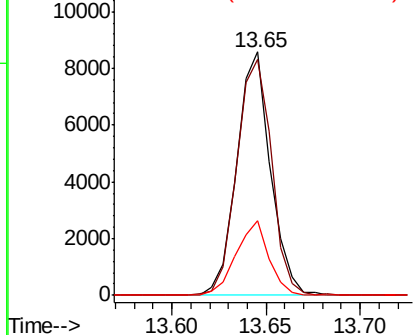
#93
 1,2,4-Trichlorobenzene
 Concen: 5.154 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 10628
 Ion Ratio Lower Upper
 180 100
 182 100.1 47.8 143.4
 145 29.7 14.8 44.3

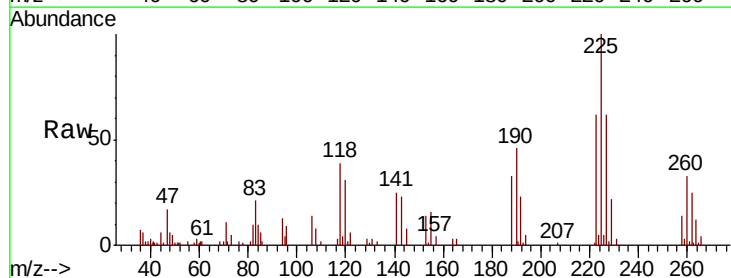


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

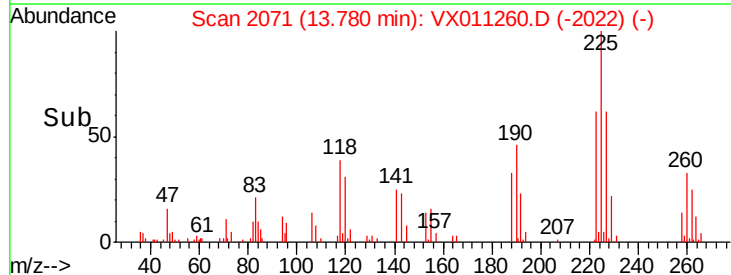
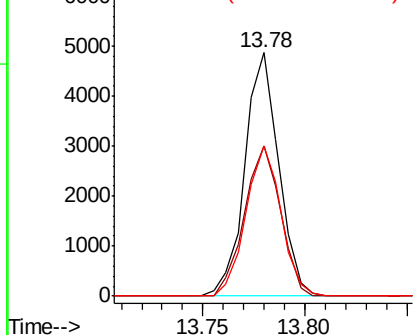


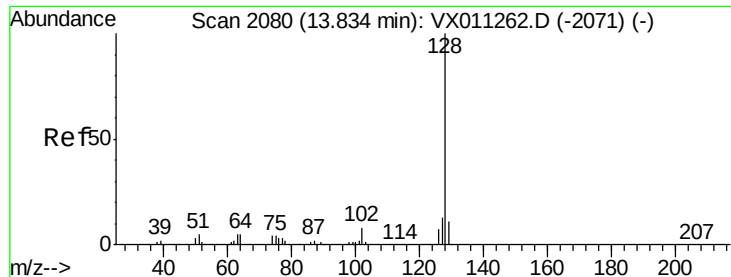
#94
 Hexachlorobutadiene
 Concen: 5.485 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011260.D
 Acq: 01 Aug 2019 15:22

Tgt Ion:225 Resp: 5626
 Ion Ratio Lower Upper
 225 100
 223 65.6 31.0 93.0
 227 63.8 32.2 96.6



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: 4.804 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

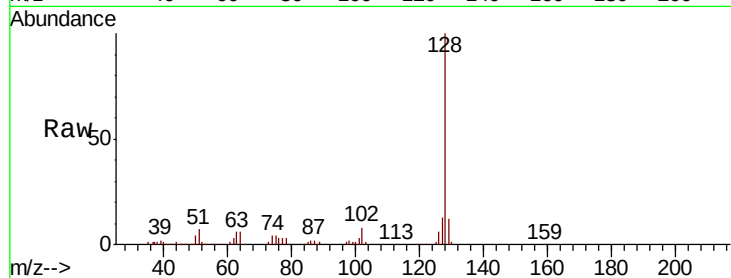
Tot Ion:128 Resp: 29281

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

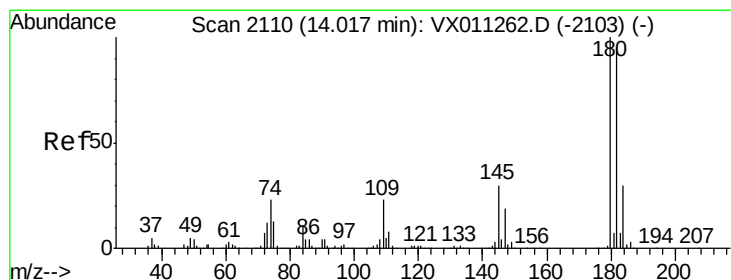
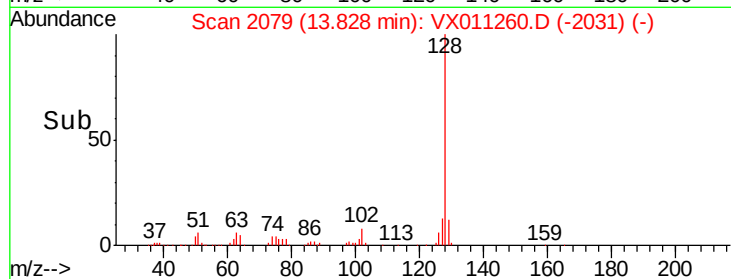
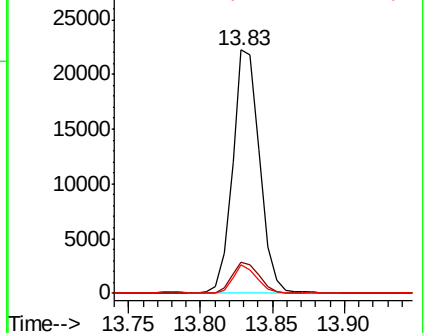
129 10.6 8.9 13.3



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: 5.240 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011260.D

Acq: 01 Aug 2019 15:22

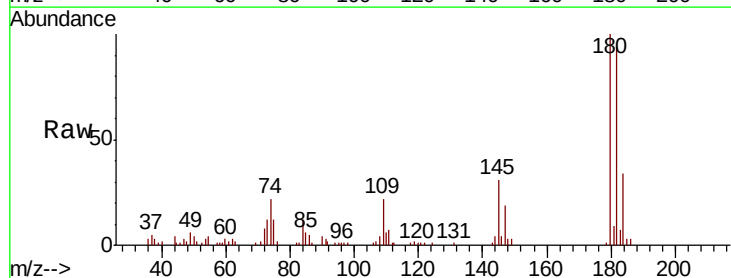
Tgt Ion:180 Resp: 10774

Ion Ratio Lower Upper

180 100

182 96.4 47.4 142.3

145 32.7 15.2 45.6



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

