

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010976.D
 Acq On : 18 Jul 2019 22:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 19 03:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	40759	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	221910	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	197447	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	80722	24.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	82.70%
60) 4-Bromofluorobenzene	11.13	95	92870	28.11	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.70%
63) Toluene-d8	8.71	98	263917	28.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	9946	4.326	ug/l 97
3) Chloromethane	1.32	50	10697	3.774	ug/l 99
4) Vinyl Chloride	1.41	62	10826	3.819	ug/l 94
5) Bromomethane	1.64	94	6613	3.615	ug/l 93
6) Chloroethane	1.72	64	7110	3.912	ug/l 96
7) Trichlorofluoromethane	1.93	101	18810	5.062	ug/l 94
8) Diethyl Ether	2.19	74	6474	4.015	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	10553	4.716	ug/l 99
10) 1,1-Dichloroethene	2.37	96	10883	4.838	ug/l 96
11) Methyl Iodide	2.51	142	10856	4.276	ug/l 93
12) Methyl Acetate	2.78	43	13929	3.441	ug/l 95
13) Acrolein	2.29	56	9311	16.942	ug/l 99
14) Acrylonitrile	3.14	53	28403	16.499	ug/l 97
15) Acetone	2.44	58	8216	16.784	ug/l 96
16) Carbon Disulfide	2.57	76	24683	4.126	ug/l 97
17) Allyl chloride	2.73	41	14884	3.005	ug/l 94
18) Methylene Chloride	2.85	84	12452	4.650	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	11458	4.777	ug/l 98
20) Diisopropyl ether	3.85	45	32735	3.324	ug/l 96
21) 1,1-Dichloroethane	3.70	63	18802	3.835	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	13245	4.645	ug/l 98
23) tert-Butyl Alcohol	3.04	59	19893	26.379	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	34163	4.024	ug/l 99
25) Chloroform	5.21	83	21060	4.578	ug/l 96
26) Cyclohexane	5.58	56	17849	3.929	ug/l # 57
29) 1,1-Dichloropropene	5.80	75	14871	4.606	ug/l 88
30) 2-Butanone	4.67	43	38925	16.356	ug/l 98
31) 2,2-Dichloropropane	4.59	77	12321	3.620	ug/l # 82
32) 1,1,1-Trichloroethane	5.50	97	16562	4.637	ug/l 99
33) Carbon Tetrachloride	5.78	117	13620	4.563	ug/l 96
34) Benzene	6.15	78	45350	4.583	ug/l 97
35) Methacrylonitrile	5.04	41	7914	3.200	ug/l 95
36) 1,2-Dichloroethane	6.19	62	16155	4.531	ug/l # 89
37) Trichloroethene	7.22	130	13369	5.391	ug/l 85
38) Methylcyclohexane	7.46	83	18710	4.666	ug/l 99
39) 1,2-Dichloropropane	7.51	63	11164	4.049	ug/l 91
40) Dibromomethane	7.66	93	8127	4.960	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010976.D
 Acq On : 18 Jul 2019 22:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 19 03:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	13273	4.079	ug/l	98
42) Vinyl Acetate	3.81	43	127373	16.295	ug/l	100
43) Ethyl Acetate	4.84	43	15369	3.575	ug/l	99
44) Isopropyl Acetate	6.45	43	23552	3.343	ug/l	97
45) 1,4-Dioxane	7.74	88	6746	92.303	ug/l	98
46) Methyl methacrylate	7.77	41	10773	3.087	ug/l	98
47) n-amyl Acetate	10.90	43	18379	2.900	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	12404	3.323	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	14640	3.564	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	11748	4.723	ug/l	94
51) Ethyl methacrylate	9.18	69	16997	3.831	ug/l	96
52) 1,3-Dichloropropane	9.37	76	19112	4.408	ug/l	98
53) Dibromochloromethane	9.58	129	10203	4.075	ug/l	98
54) 1,2-Dibromoethane	9.67	107	12145	4.711	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	40591	17.900	ug/l	98
56) Bromoform	10.85	173	6565	3.444	ug/l	96
58) 4-Methyl-2-Pentanone	8.64	43	80084	17.580	ug/l	99
59) 2-Hexanone	9.49	43	60039	16.874	ug/l	98
61) Tetrachloroethene	9.34	164	13614	5.983	ug/l	96
62) Toluene	8.78	91	51929	4.931	ug/l	99
64) Chlorobenzene	10.13	112	32878	5.115	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	10056	4.287	ug/l	94
66) Ethyl Benzene	10.25	91	57435	4.886	ug/l	95
67) m/p-Xylenes	10.36	106	43065	9.897	ug/l	95
68) o-Xylene	10.69	106	21733	5.088	ug/l	96
69) Styrene	10.71	104	32908	4.441	ug/l	98
70) Isopropylbenzene	11.02	105	54472	4.775	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	17865	4.363	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	18287	5.248	ug/l	87
73) Bromobenzene	11.26	156	15281	5.316	ug/l	99
74) n-propylbenzene	11.36	91	60281	4.583	ug/l	100
75) 2-Chlorotoluene	11.42	91	37777	4.802	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	45487	4.697	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	3249	2.392	ug/l	90
78) 4-Chlorotoluene	11.51	91	41964	4.682	ug/l	100
79) tert-butylbenzene	11.77	119	43995	4.709	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	46604	4.796	ug/l	99
81) sec-Butylbenzene	11.94	105	50989	4.588	ug/l	100
82) p-Isopropyltoluene	12.06	119	46207	4.553	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	25655	4.992	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	24849	4.837	ug/l	98
85) n-Butylbenzene	12.38	91	36897	4.019	ug/l	98
86) Hexachloroethane	12.59	117	5744	3.432	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	25582	4.945	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	3475	3.708	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	16278	4.458	ug/l	99
90) Hexachlorobutadiene	13.78	225	8370	4.614	ug/l	98
91) Naphthalene	13.83	128	47268	4.012	ug/l	98
92) 1,2,3-Trichlorobenzene	14.02	180	16688	4.519	ug/l	99

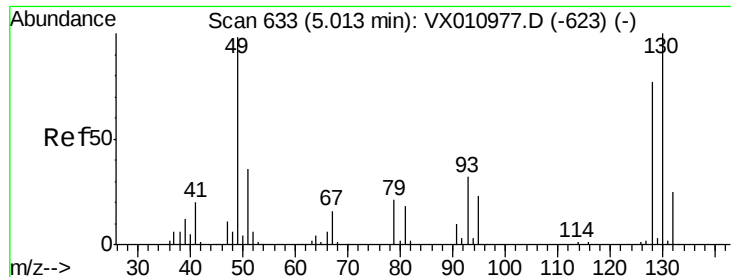
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
Data File : VX010976.D
Acq On : 18 Jul 2019 22:22
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 19 03:18:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

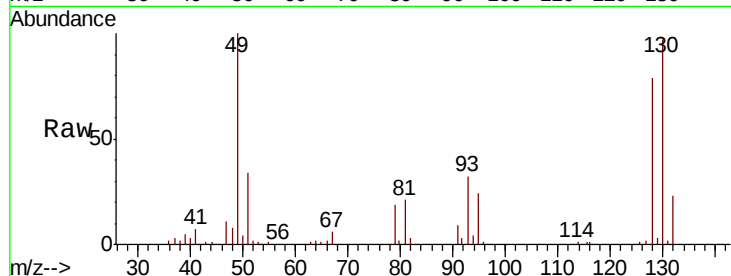
Tot Ion:128 Resp: 40759

Ion Ratio Lower Upper

128 100

49 132.9 0.0 343.5

130 128.6 0.0 324.7

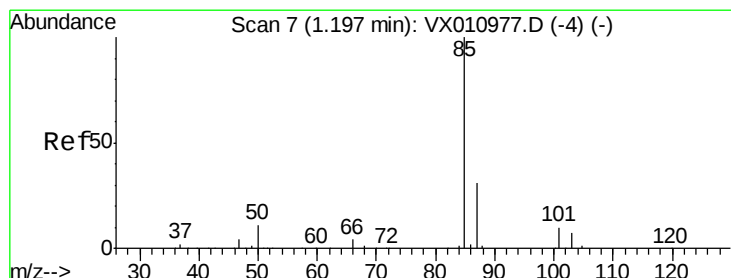
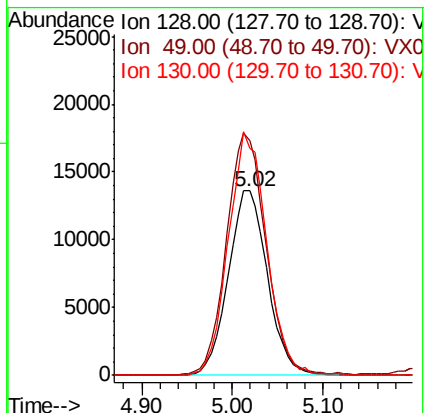
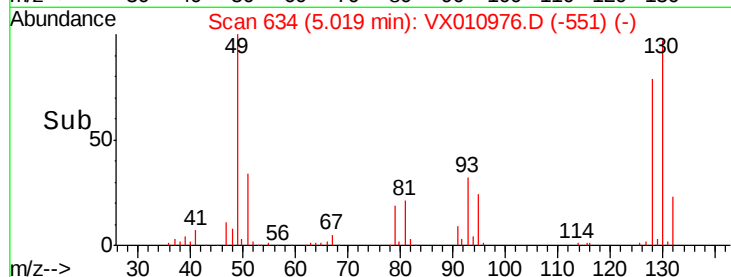


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 4.326 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010976.D

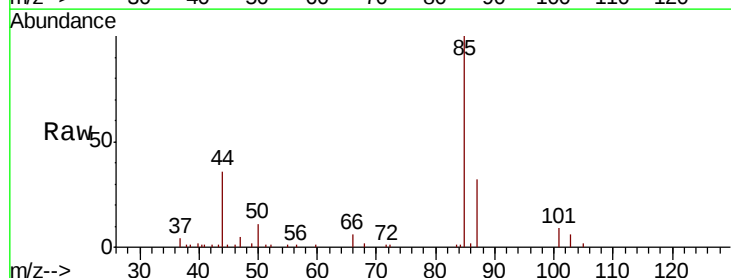
Acq: 18 Jul 2019 22:22

Tgt Ion: 85 Resp: 9946

Ion Ratio Lower Upper

85 100

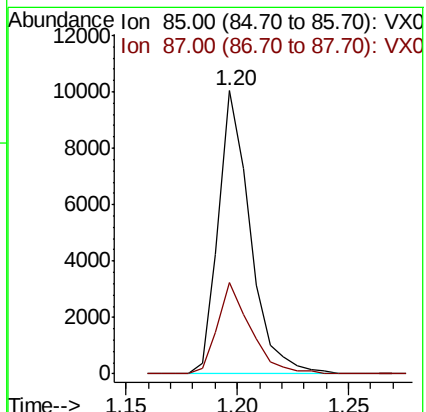
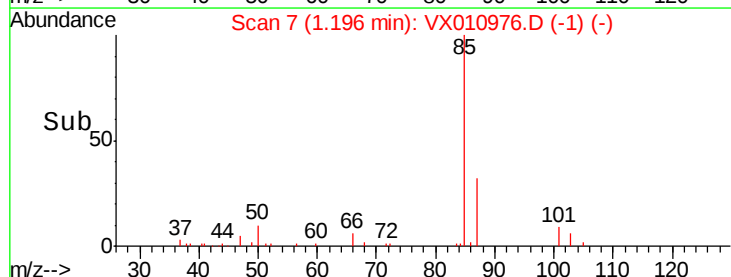
87 32.2 15.4 46.1

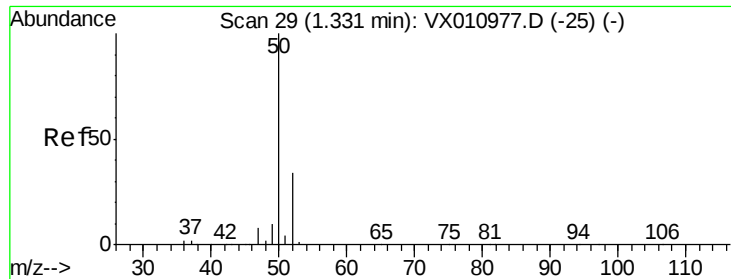


Abundance

Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 3.774 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

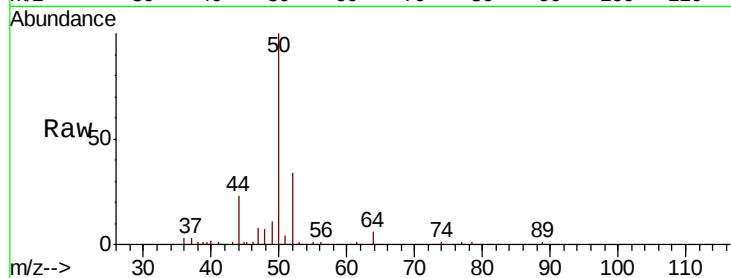
VSTDIC005

Tot Ion: 50 Resp: 10697

Ion Ratio Lower Upper

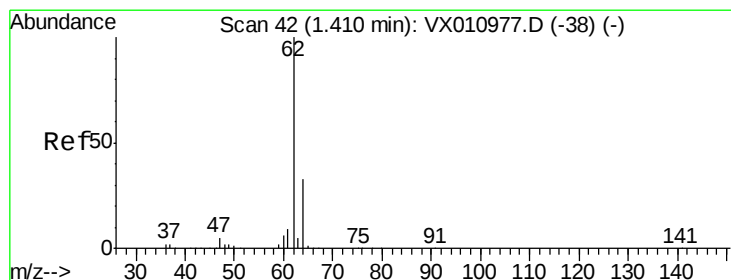
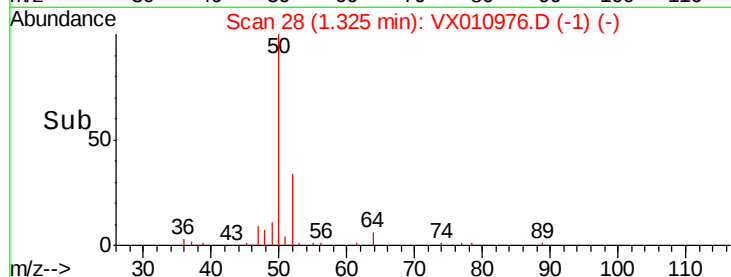
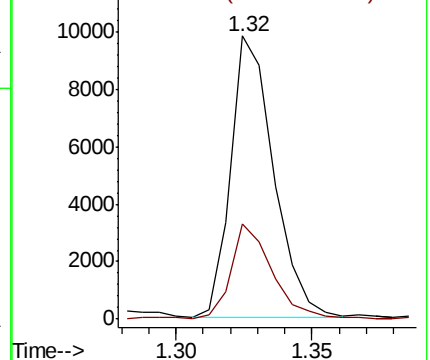
50 100

52 33.8 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 3.819 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010976.D

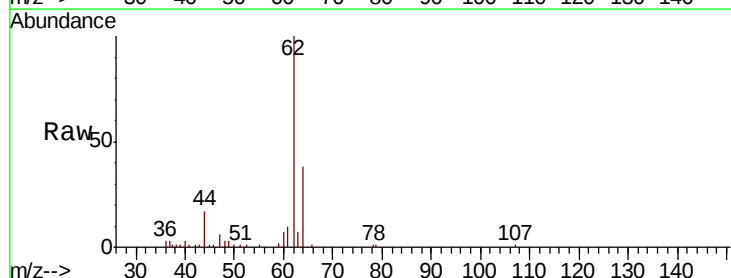
Acq: 18 Jul 2019 22:22

Tgt Ion: 62 Resp: 10826

Ion Ratio Lower Upper

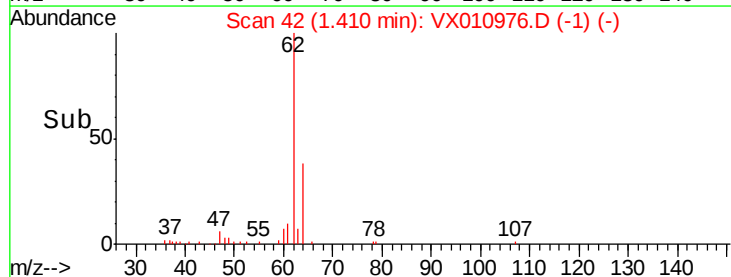
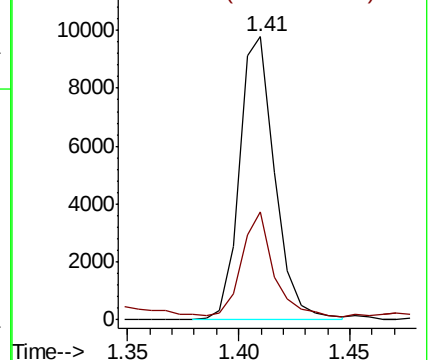
62 100

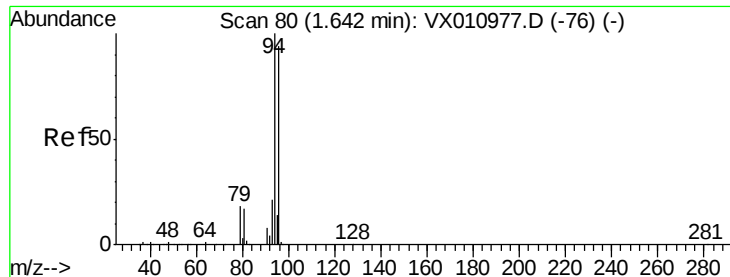
64 36.8 26.8 40.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 3.615 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

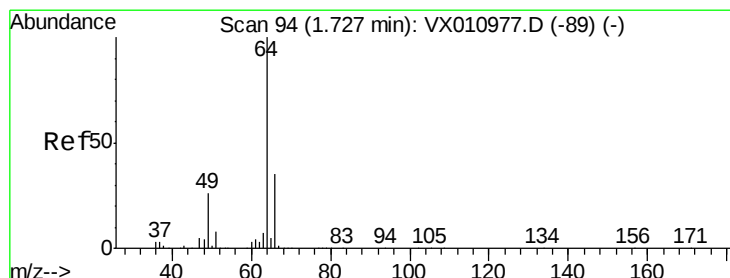
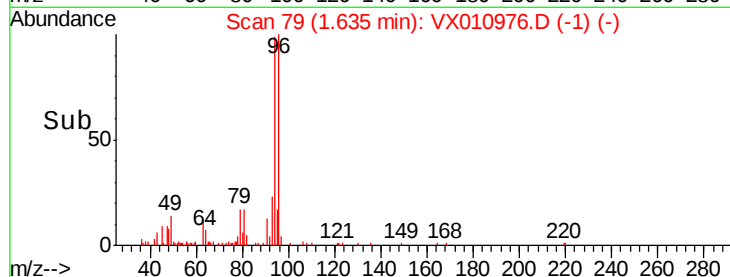
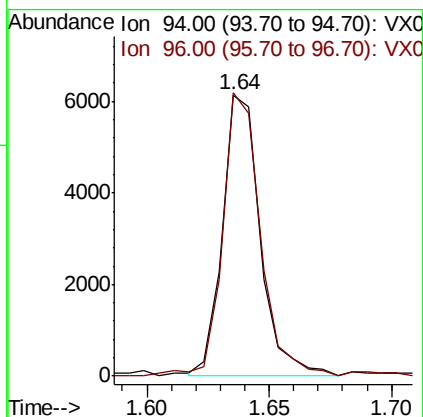
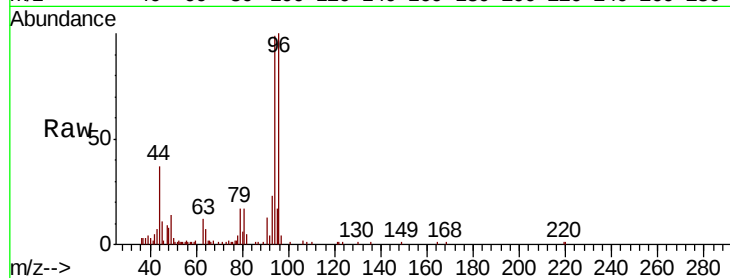
VSTDIC005

Tot Ion: 94 Resp: 6613

Ion Ratio Lower Upper

94 100

96 100.7 75.4 113.2



#6

Chloroethane

Concen: 3.912 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.01 min

Lab File: VX010976.D

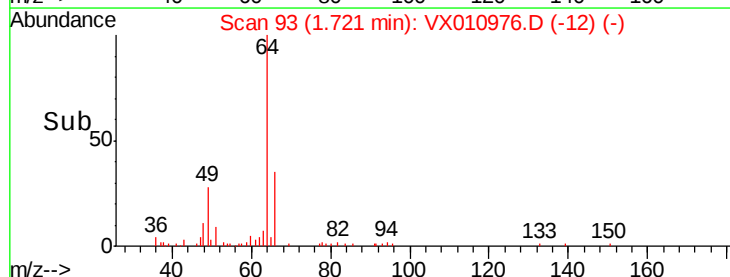
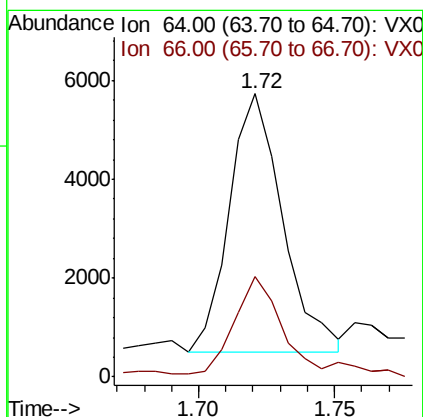
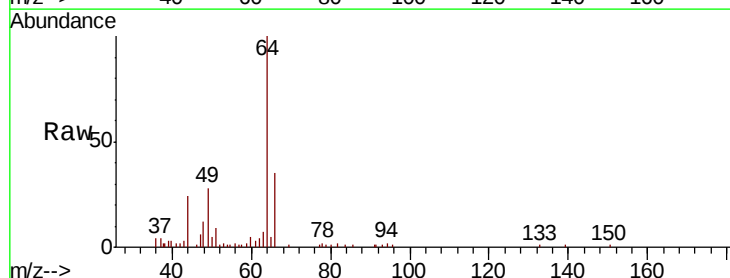
Acq: 18 Jul 2019 22:22

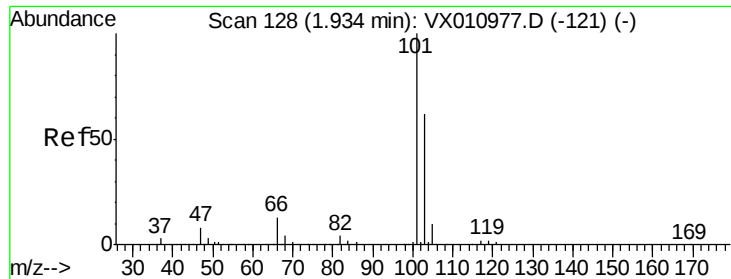
Tgt Ion: 64 Resp: 7110

Ion Ratio Lower Upper

64 100

66 37.6 28.1 42.1



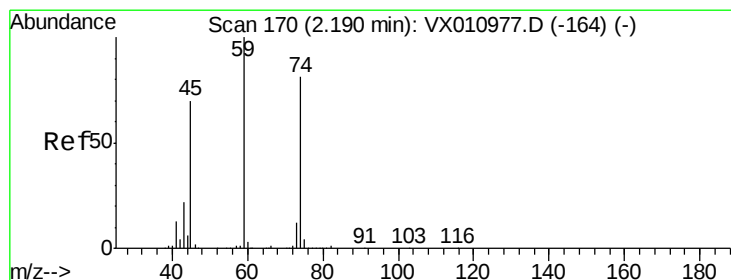
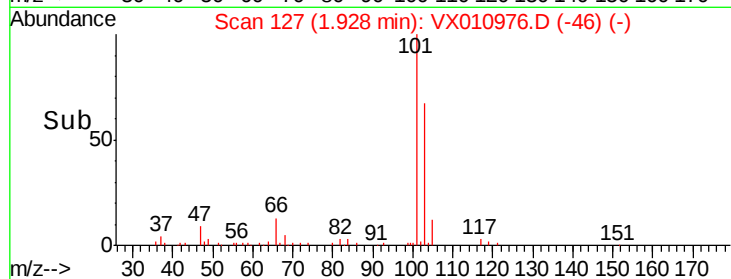
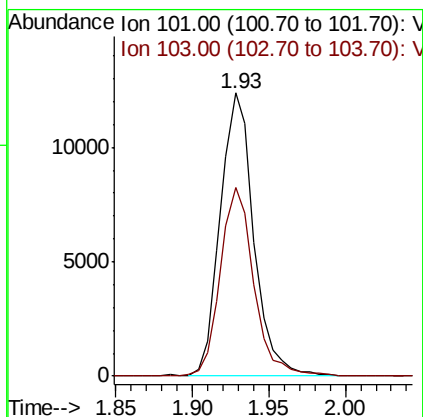
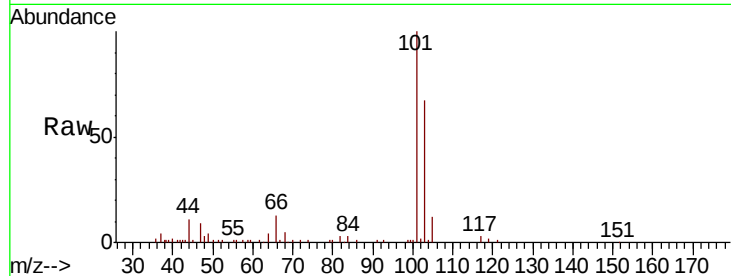


#7

Trichlorofluoromethane
 Concen: 5.062 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

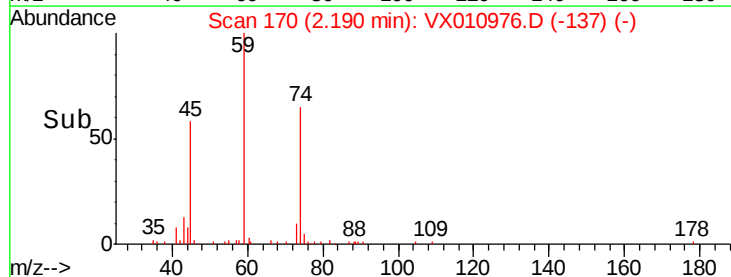
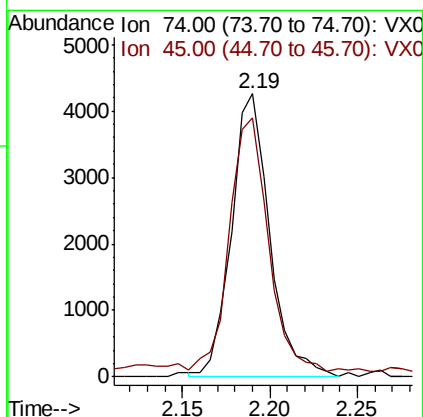
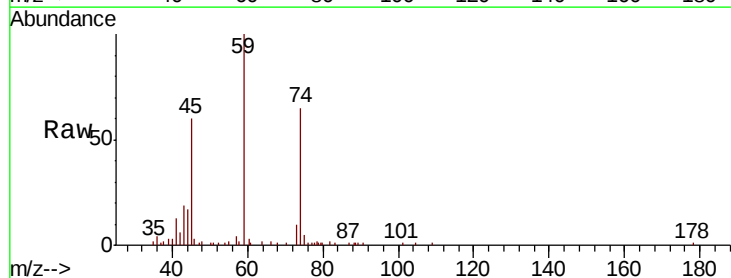
Tot Ion:101 Resp: 18810
 Ion Ratio Lower Upper
 101 100
 103 66.6 49.6 74.4

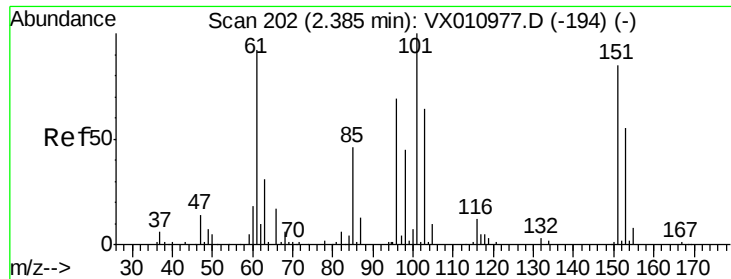


#8

Diethyl Ether
 Concen: 4.015 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion: 74 Resp: 6474
 Ion Ratio Lower Upper
 74 100
 45 97.0 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.716 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

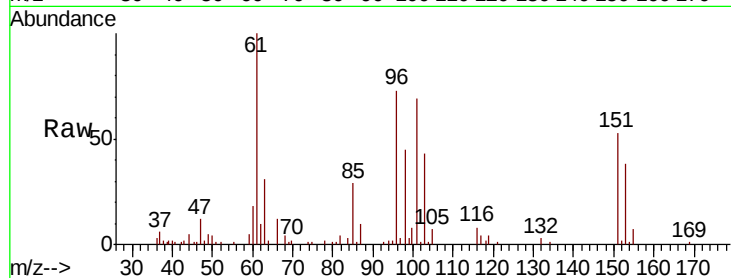
Tot Ion:101 Resp: 10553

Ion Ratio Lower Upper

101 100

85 44.4 0.0 89.8

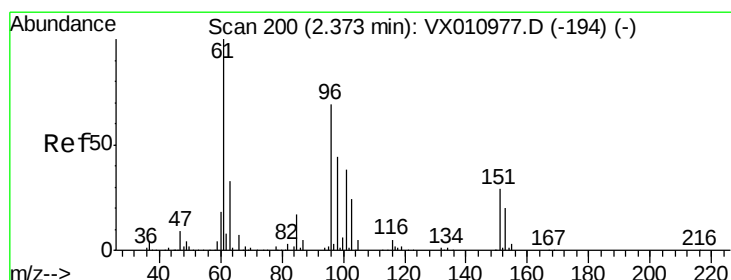
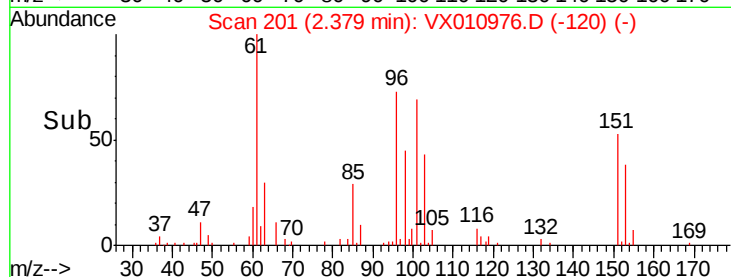
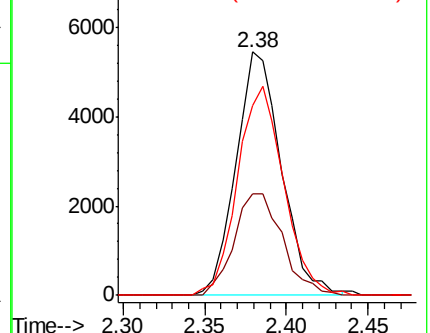
151 87.4 0.0 172.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 4.838 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

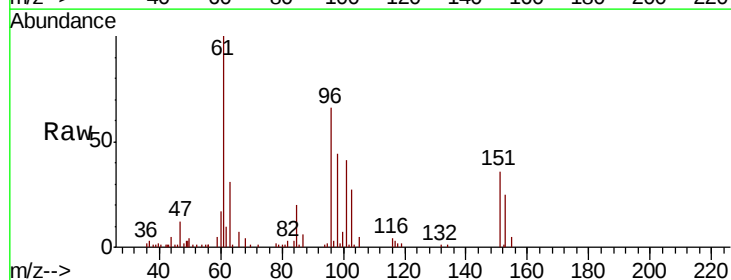
Tgt Ion: 96 Resp: 10883

Ion Ratio Lower Upper

96 100

61 149.9 115.9 173.9

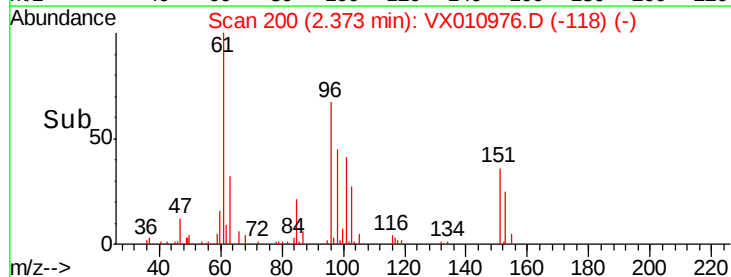
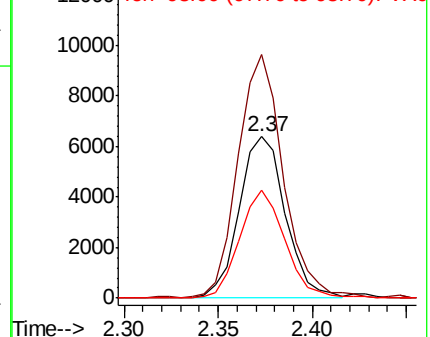
98 66.9 50.6 75.8

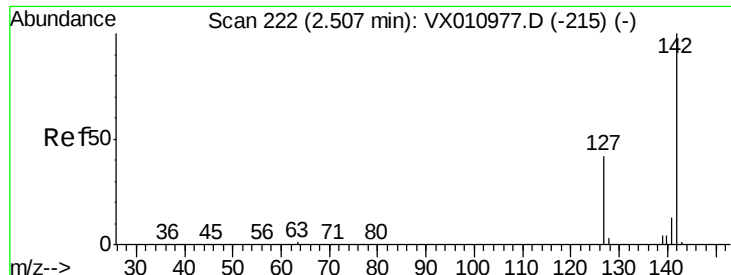


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

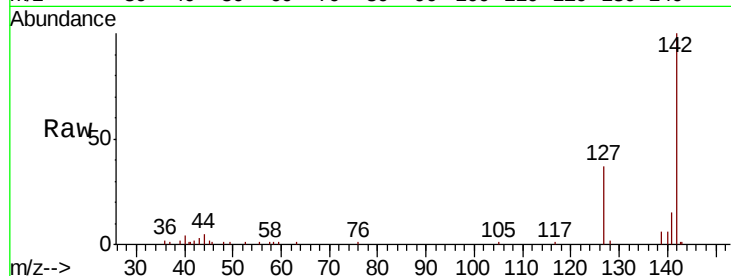




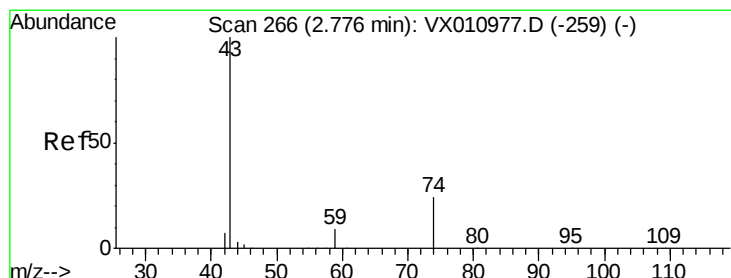
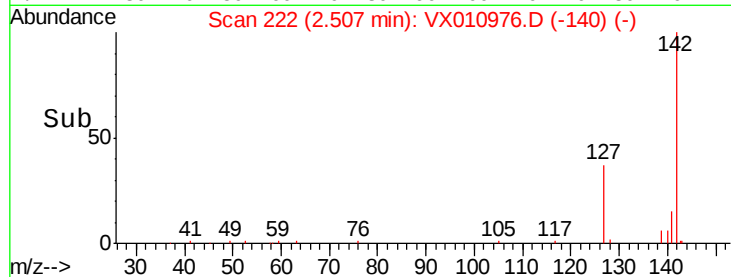
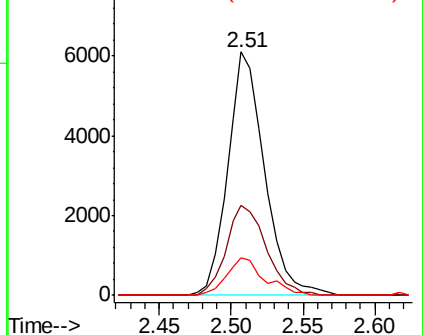
#11
Methvl Iodide
Concen: 4.276 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:142 Resp: 10856
Ion Ratio Lower Upper
142 100
127 36.4 20.7 62.1
141 15.1 6.7 20.0

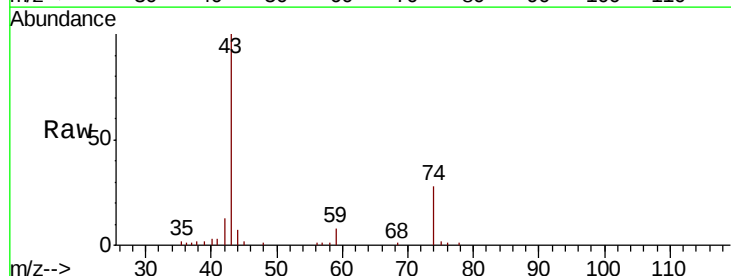


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

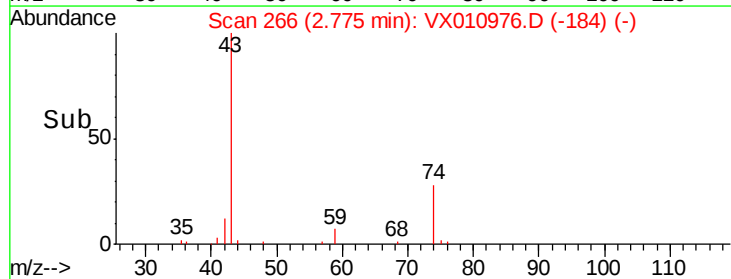
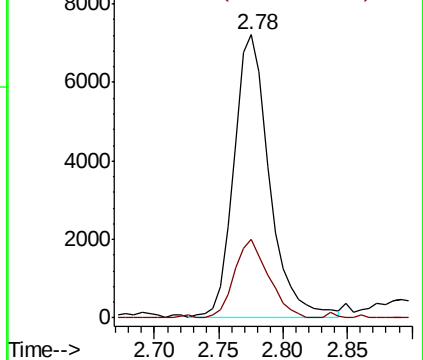


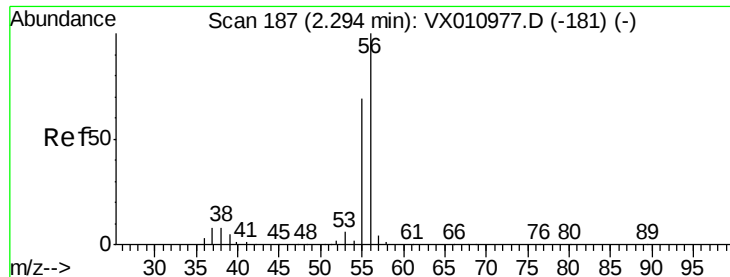
#12
Methyl Acetate
Concen: 3.441 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 43 Resp: 13929
Ion Ratio Lower Upper
43 100
74 27.2 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 16.942 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

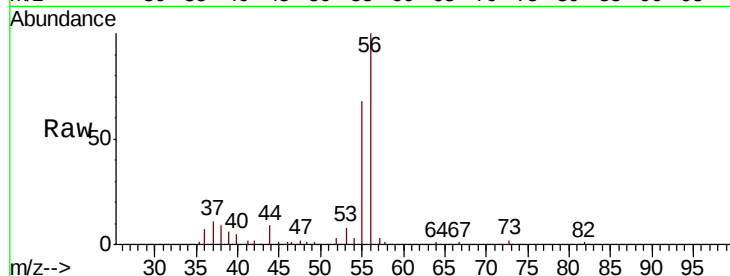
VSTDIC005

Tot Ion: 56 Resp: 9311

Ion Ratio Lower Upper

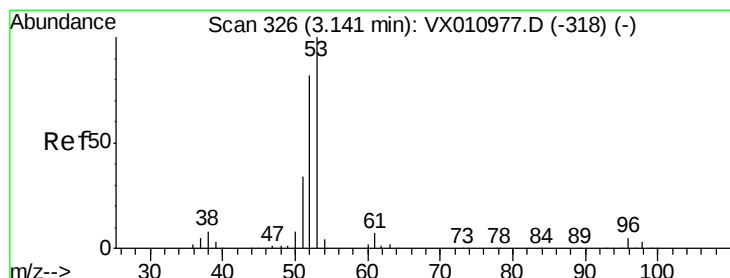
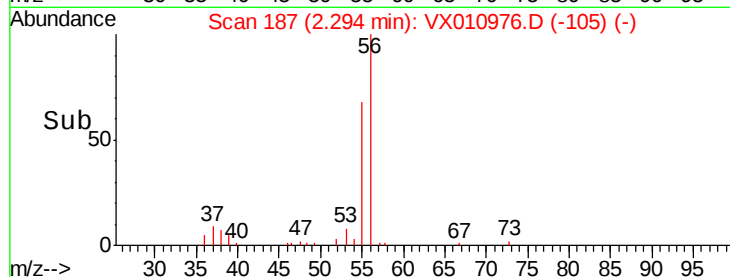
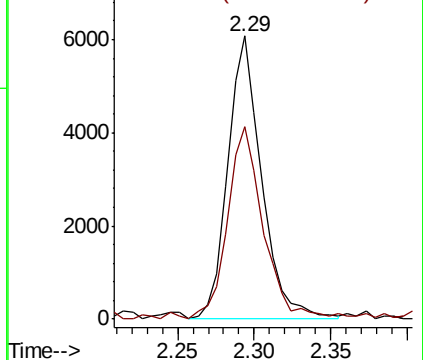
56 100

55 68.9 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 16.499 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

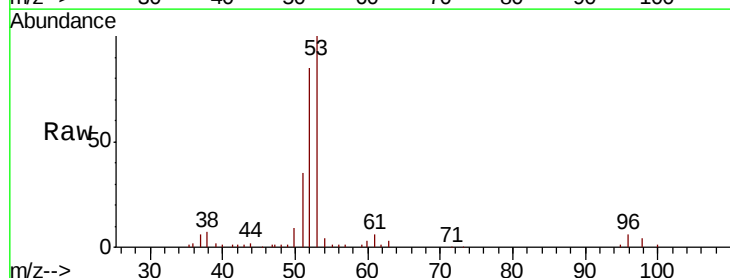
Tgt Ion: 53 Resp: 28403

Ion Ratio Lower Upper

53 100

52 85.0 41.1 123.4

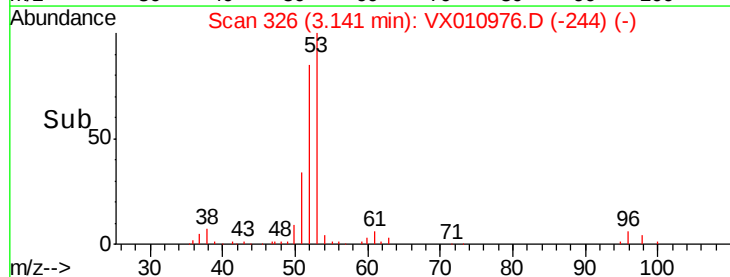
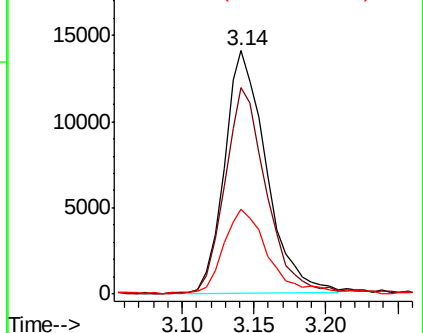
51 37.5 17.8 53.3

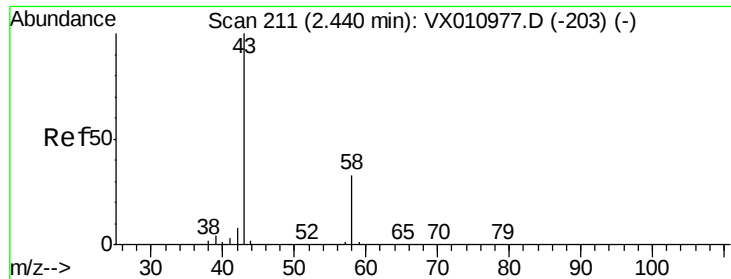


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 16.784 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

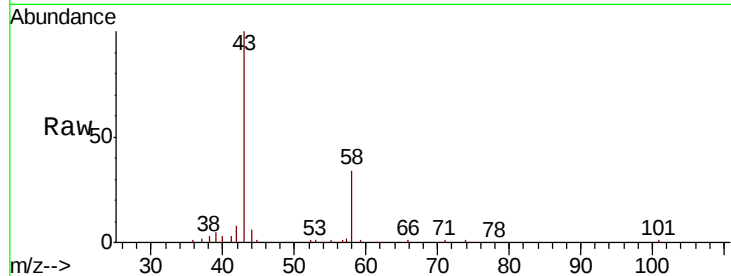
VSTDIC005

Tot Ion: 58 Resp: 8216

Ion Ratio Lower Upper

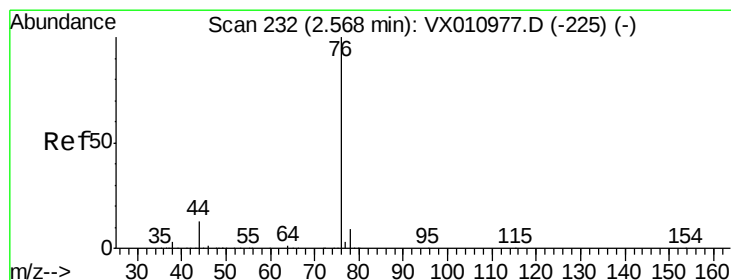
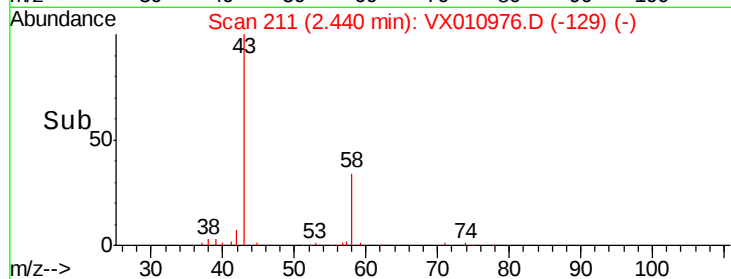
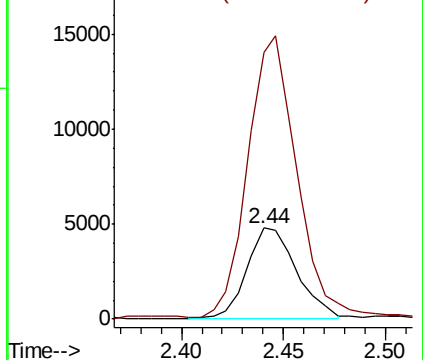
58 100

43 296.1 243.8 365.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 4.126 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010976.D

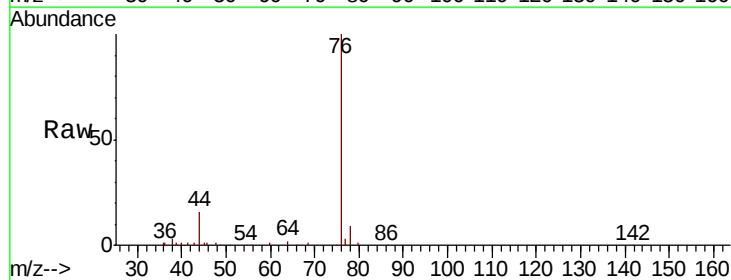
Acq: 18 Jul 2019 22:22

Tgt Ion: 76 Resp: 24683

Ion Ratio Lower Upper

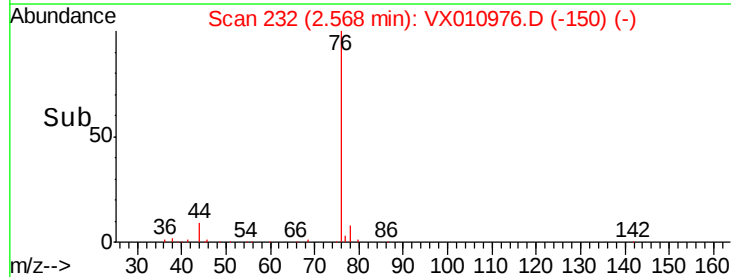
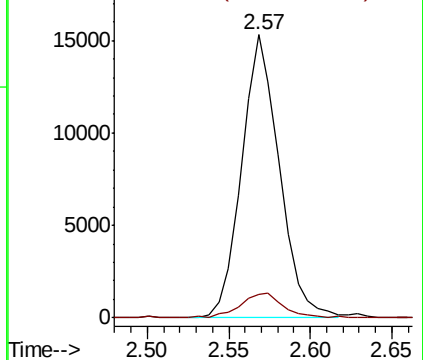
76 100

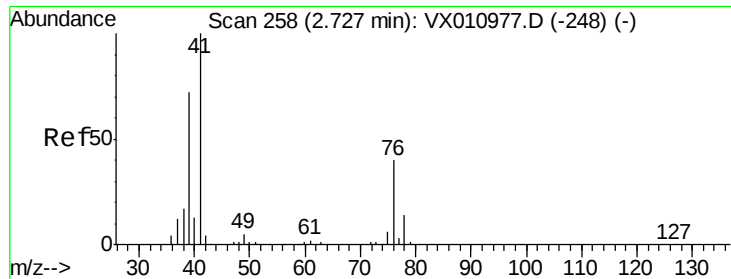
78 8.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

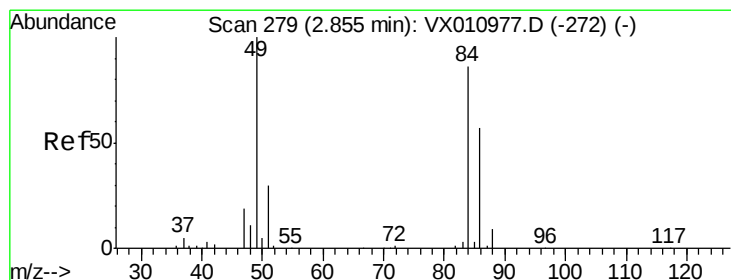
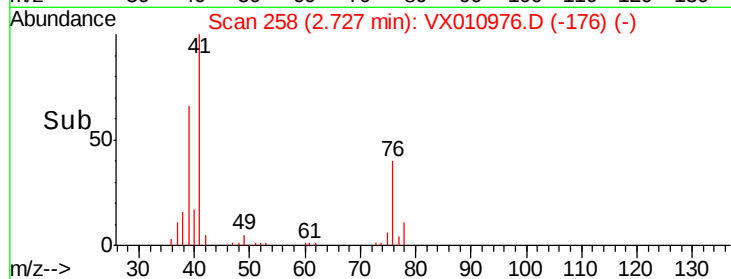
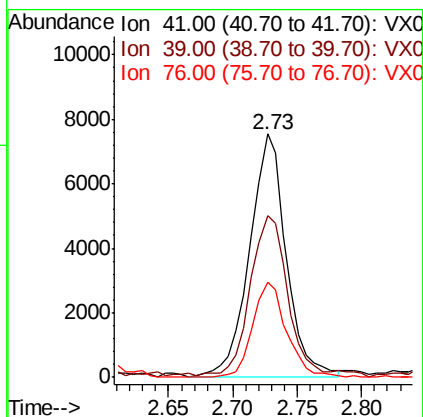
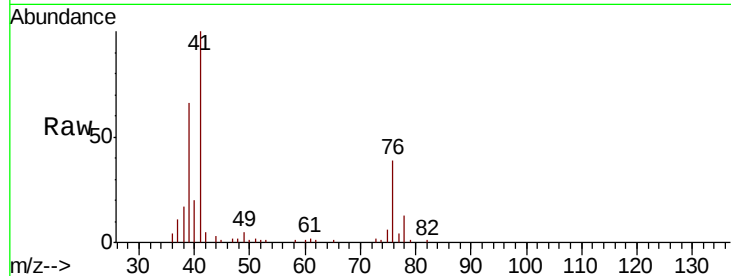




#17
Allvl chloride
Concen: 3.005 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

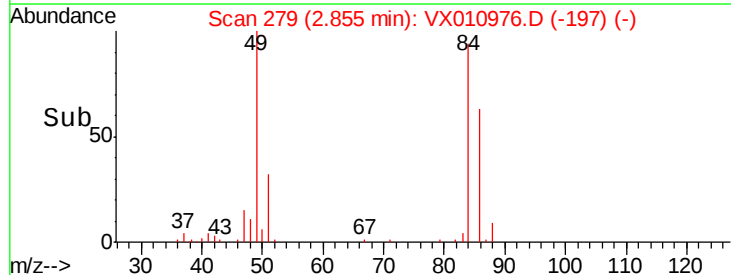
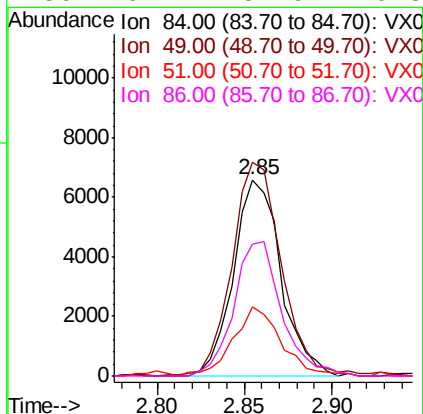
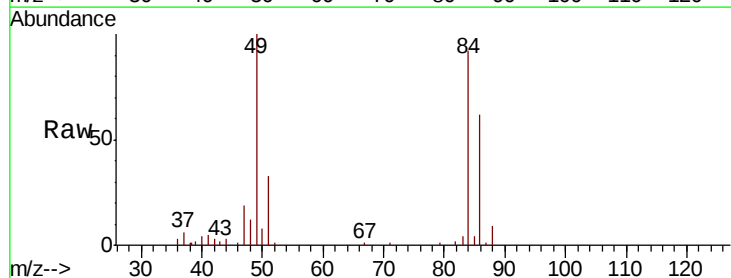
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

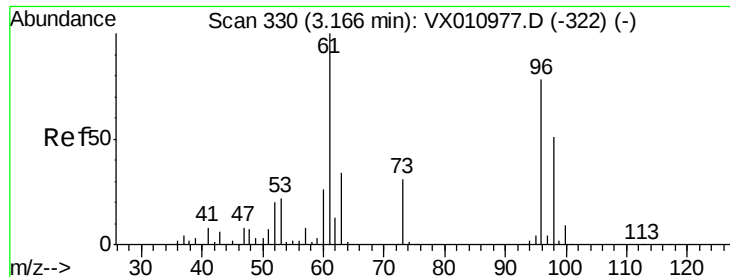
Tot Ion: 41 Resp: 14884
Ion Ratio Lower Upper
41 100
39 64.7 36.1 108.3
76 39.1 20.2 60.5



#18
Methylene Chloride
Concen: 4.650 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 84 Resp: 12452
Ion Ratio Lower Upper
84 100
49 107.4 93.2 139.8
51 34.4 28.6 42.8
86 67.4 52.9 79.3

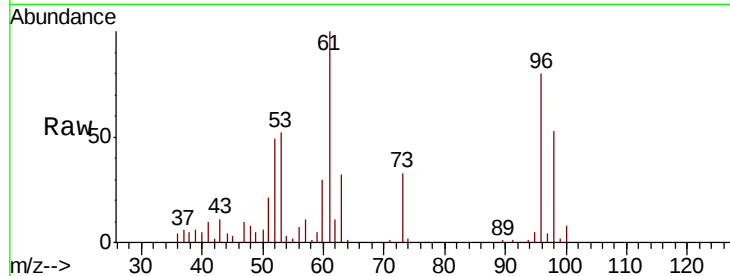




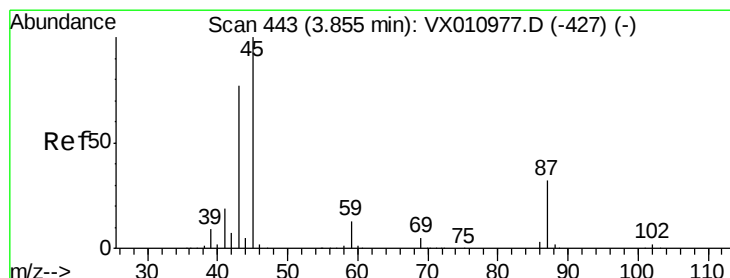
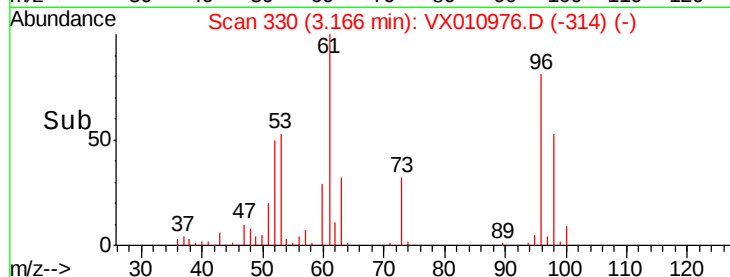
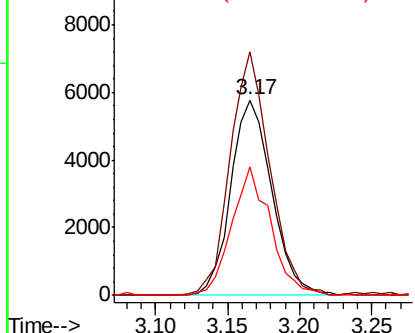
#19
trans-1,2-Dichloroethene
Concen: 4.777 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 11458
Ion Ratio Lower Upper
96 100
61 124.7 102.2 153.4
98 65.8 52.2 78.2

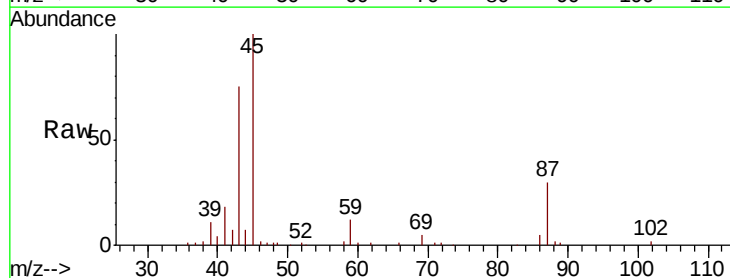


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

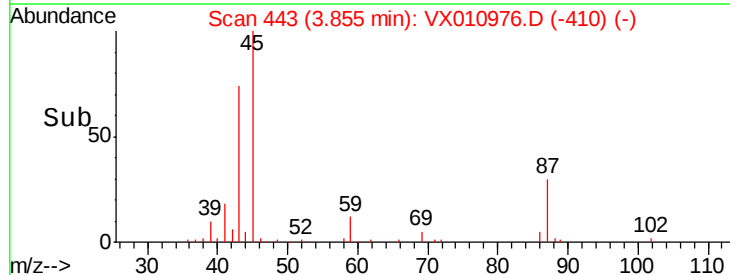
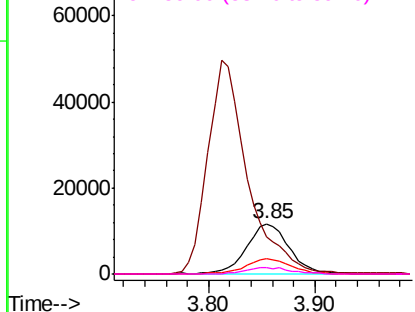


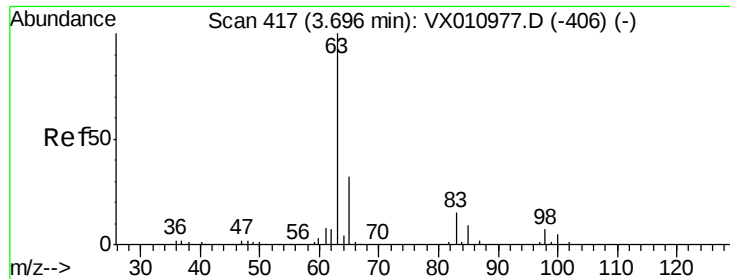
#20
Diisopropyl ether
Concen: 3.324 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 45 Resp: 32735
Ion Ratio Lower Upper
45 100
43 72.9 61.5 92.3
87 30.3 25.4 38.2
59 11.9 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 3.835 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

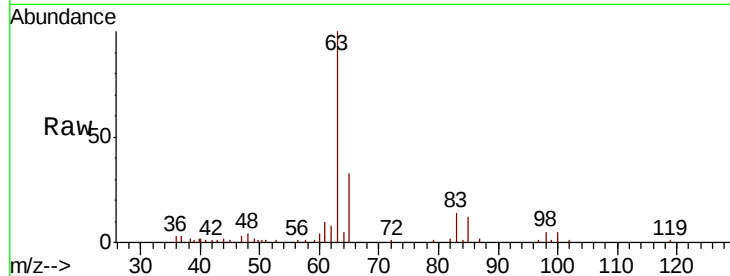
Tot Ion: 63 Resp: 18802

Ion Ratio Lower Upper

63 100

98 5.3 3.8 11.2

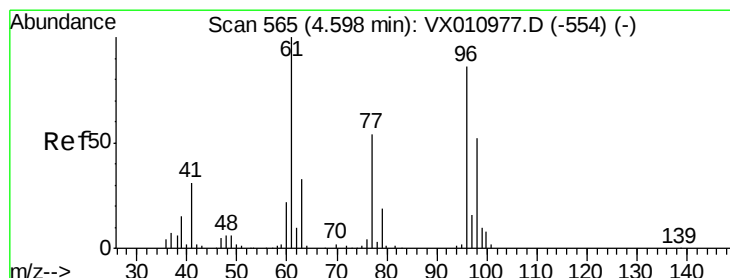
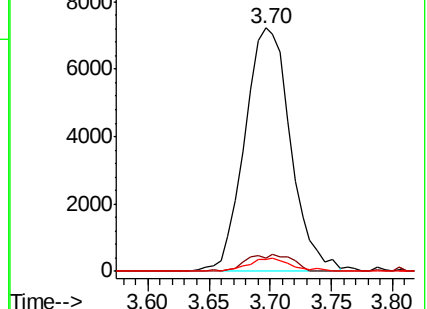
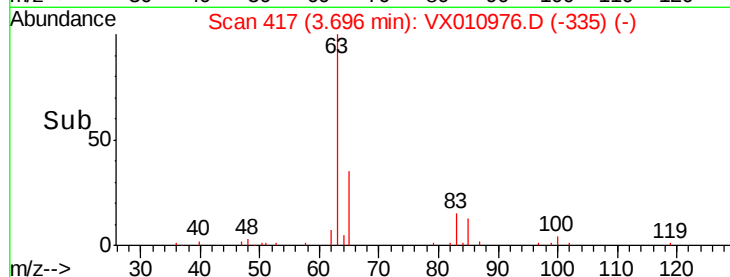
100 5.0 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 4.645 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

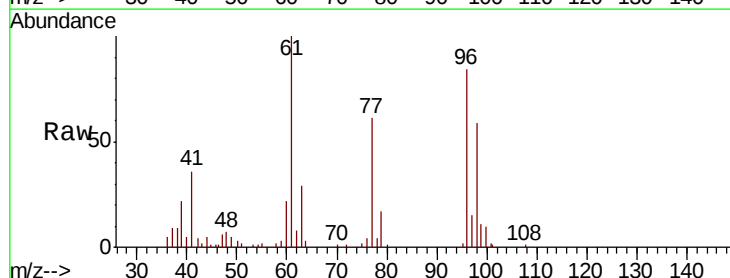
Tgt Ion: 96 Resp: 13245

Ion Ratio Lower Upper

96 100

61 131.1 102.9 154.3

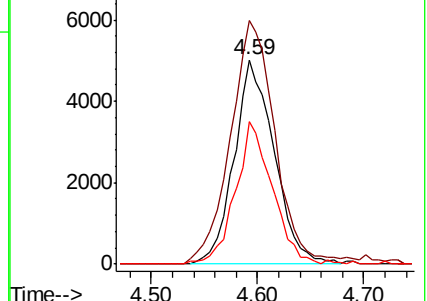
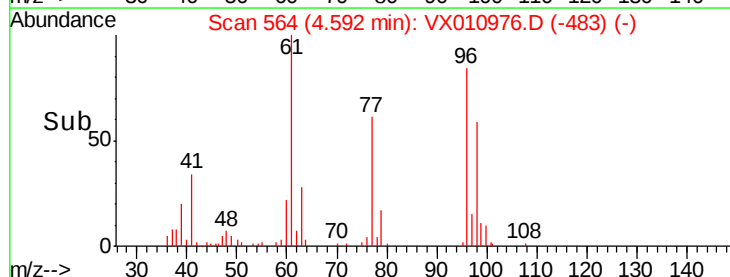
98 63.9 50.9 76.3

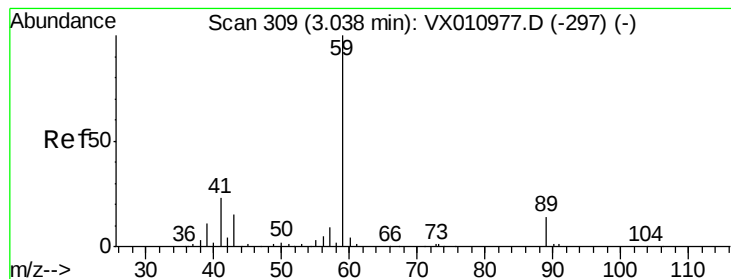


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 26.379 ug/l

RT: 3.04 min Scan# 310

Delta R.T. 0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

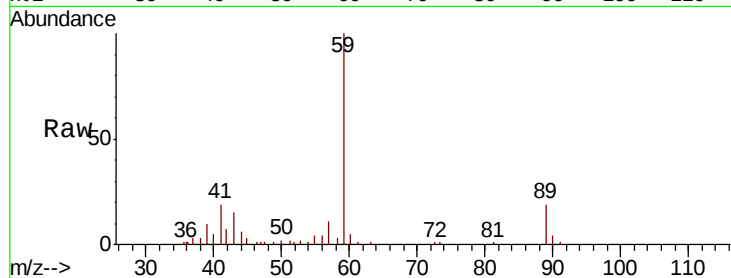
VSTDIC005

Tot Ion: 59 Resp: 19893

Ion Ratio Lower Upper

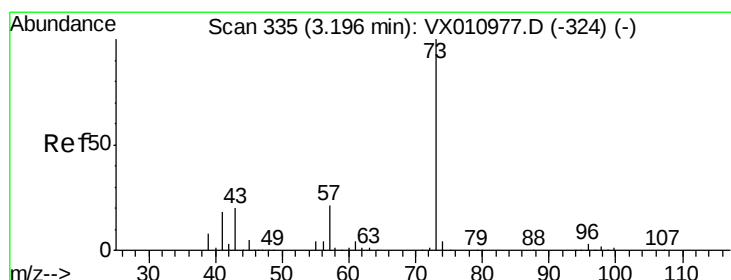
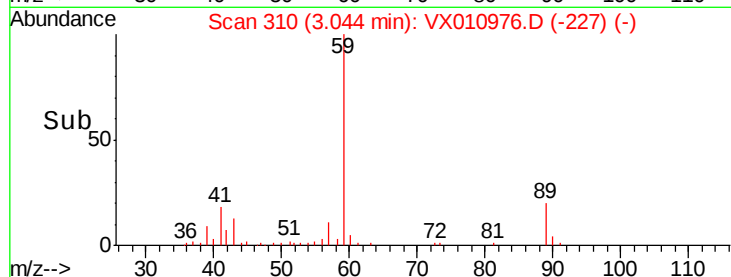
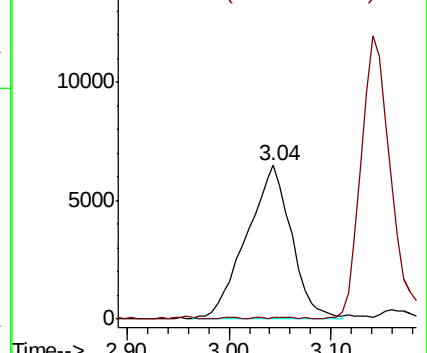
59 100

52 0.6 0.2 0.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 4.024 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX010976.D

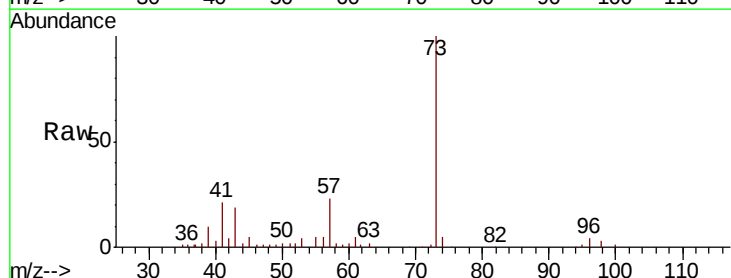
Acq: 18 Jul 2019 22:22

Tgt Ion: 73 Resp: 34163

Ion Ratio Lower Upper

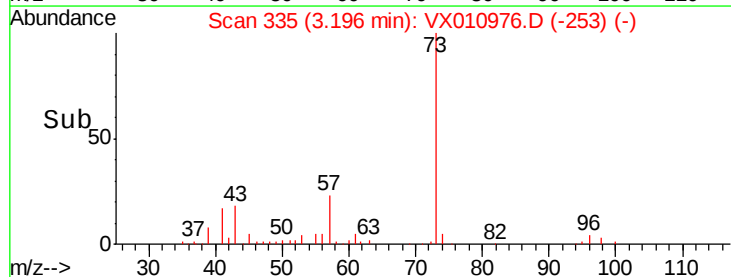
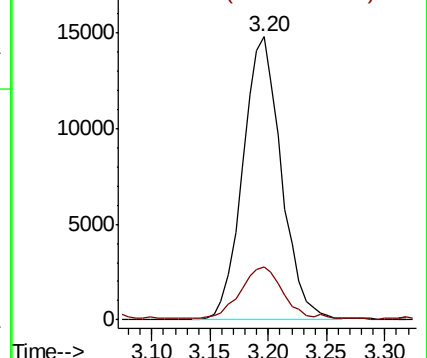
73 100

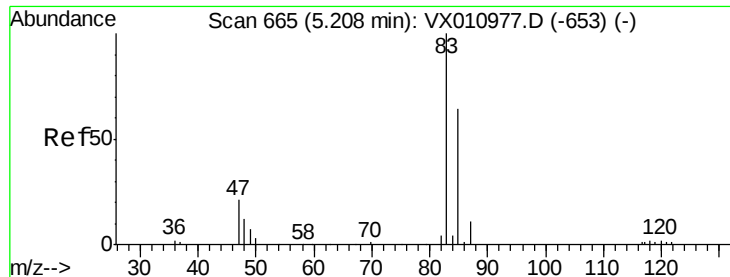
43 20.0 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

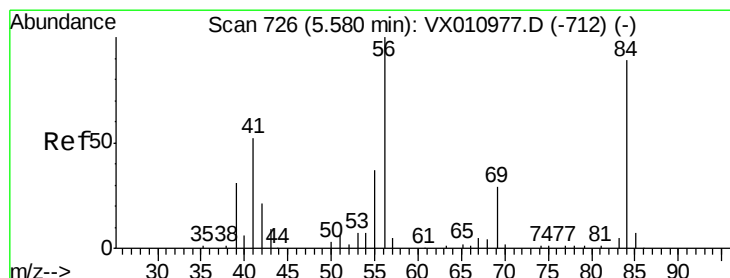
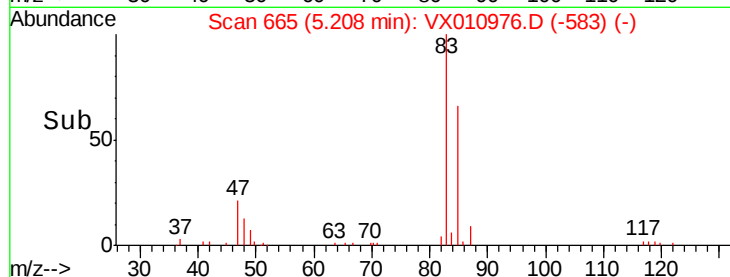
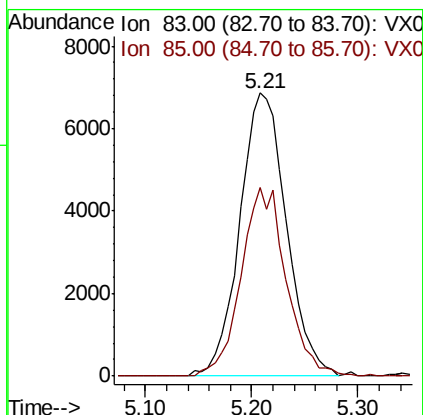
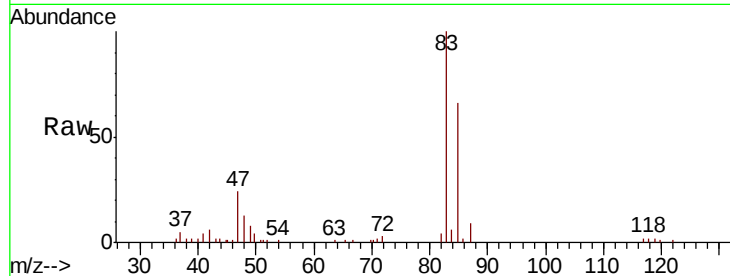




#25
Chloroform
Concen: 4.578 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

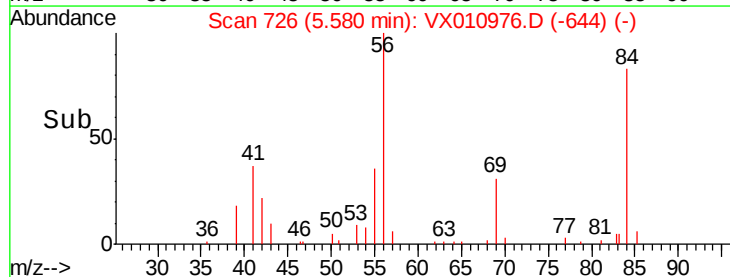
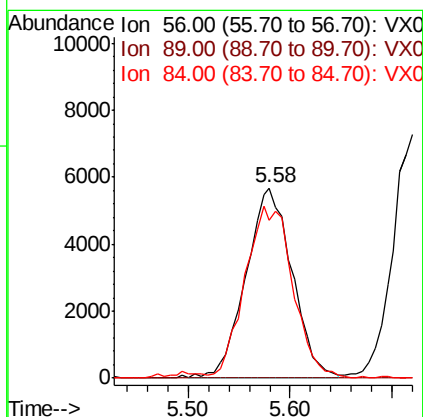
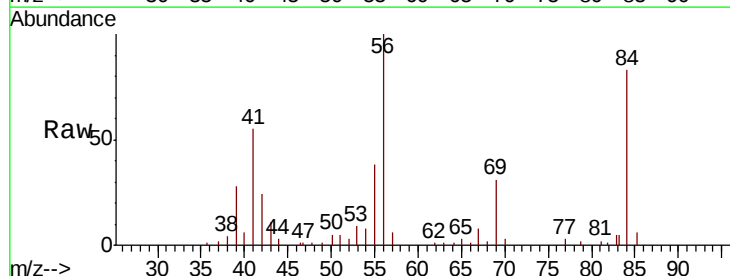
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

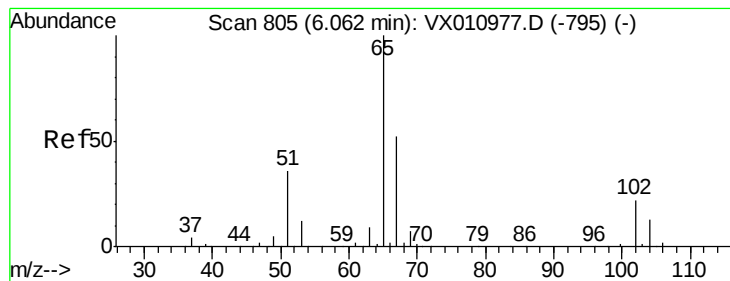
Tot Ion: 83 Resp: 21060
Ion Ratio Lower Upper
83 100
85 66.5 50.9 76.3



#26
Cyclohexane
Concen: 3.929 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 56 Resp: 17849
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 50.4 73.0 109.4#





#27

1,2-Dichloroethane-d4

Concen: 24.812 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

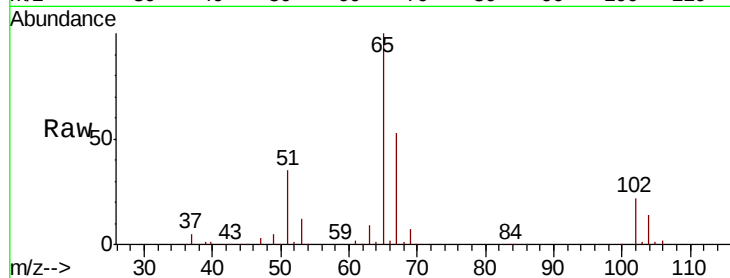
VSTDIC005

Tot Ion: 65 Resp: 80722

Ion Ratio Lower Upper

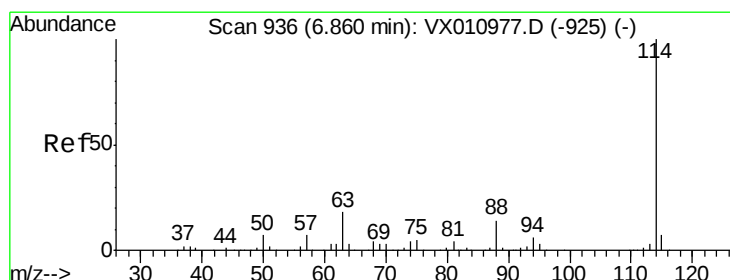
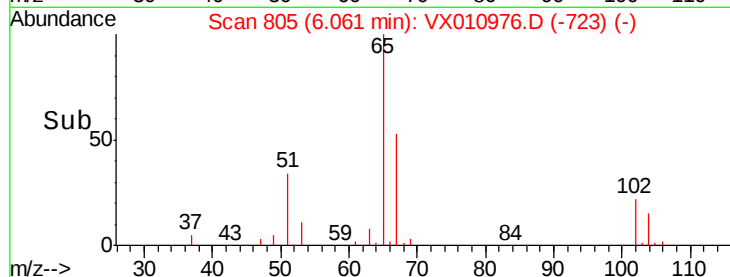
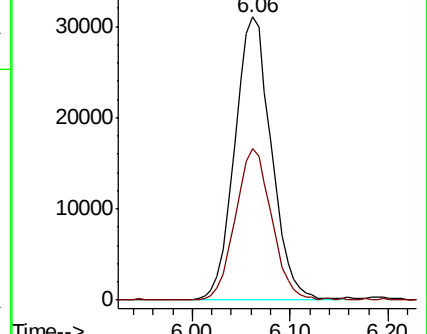
65 100

67 52.7 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

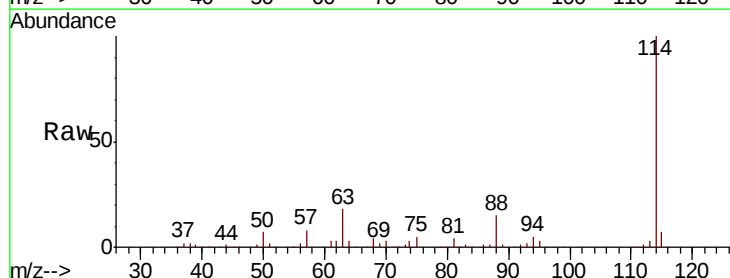
Tgt Ion: 114 Resp: 221910

Ion Ratio Lower Upper

114 100

63 17.8 14.6 22.0

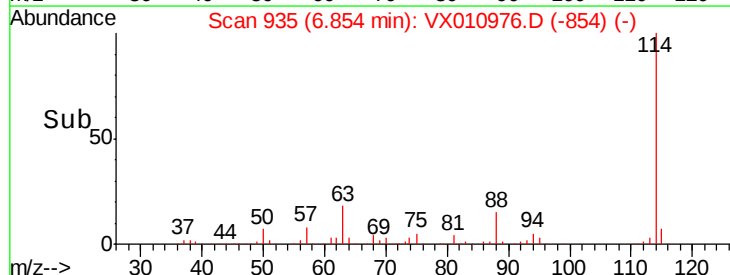
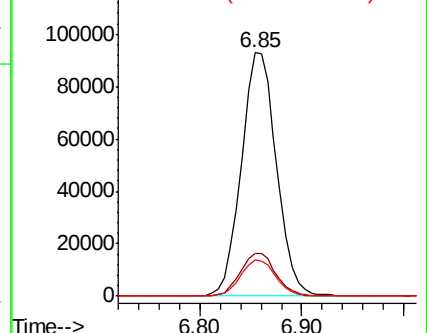
88 14.8 11.8 17.8

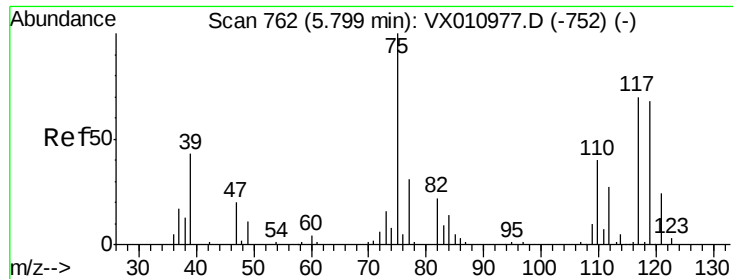


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

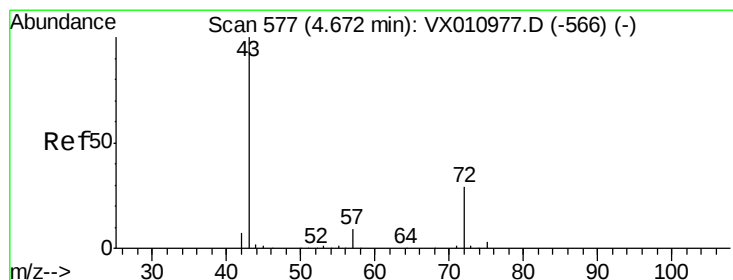
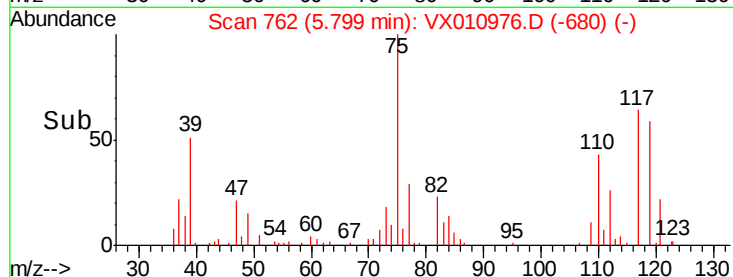
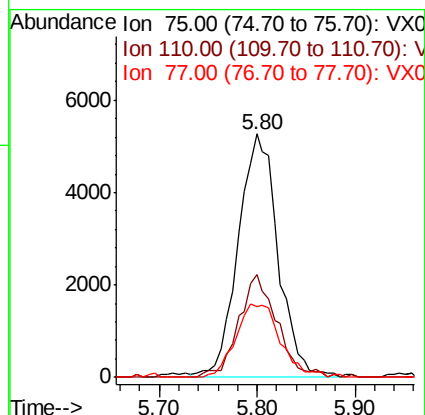
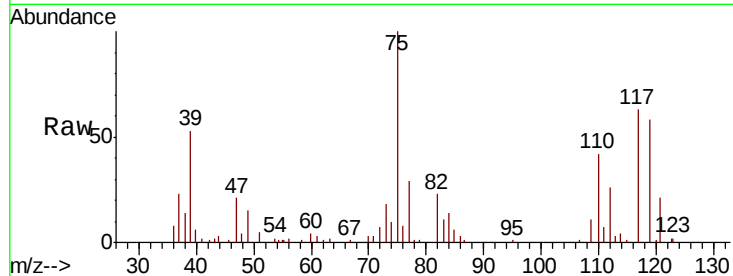




#29
 1,1-Dichloropropene
 Concen: 4.606 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

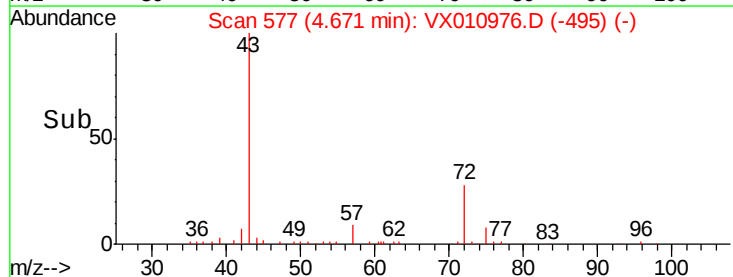
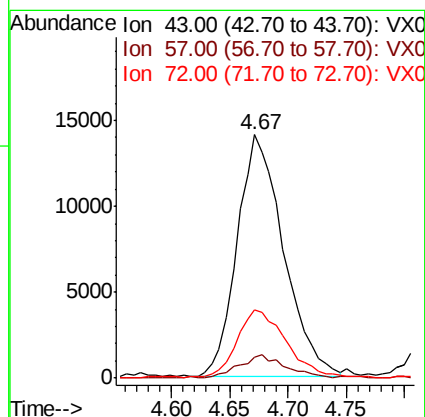
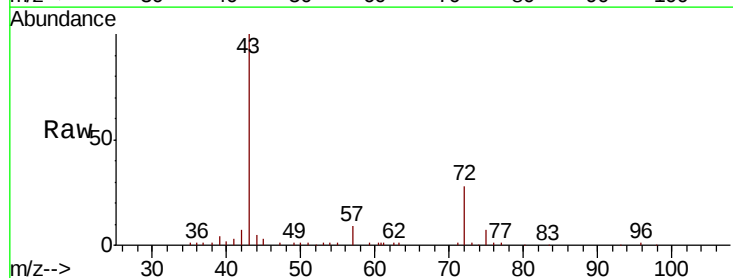
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

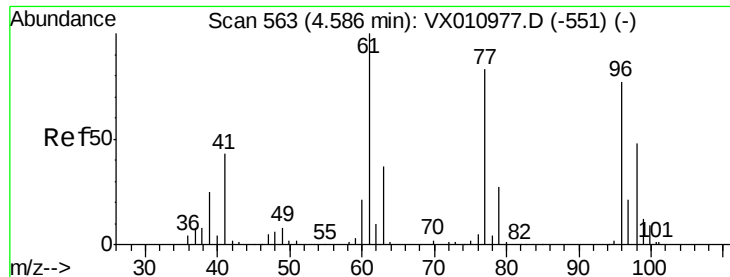
Tot Ion: 75 Resp: 14871
 Ion Ratio Lower Upper
 75 100
 110 38.8 0.0 79.8
 77 17.5 0.0 62.2



#30
 2-Butanone
 Concen: 16.356 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion: 43 Resp: 38925
 Ion Ratio Lower Upper
 43 100
 57 9.7 6.8 10.2
 72 30.1 23.2 34.8

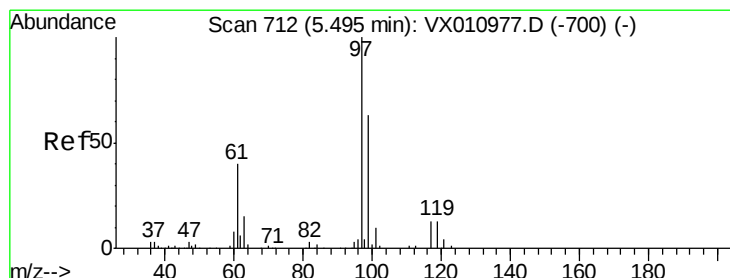
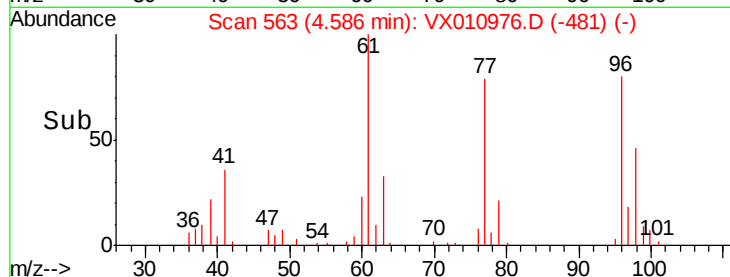
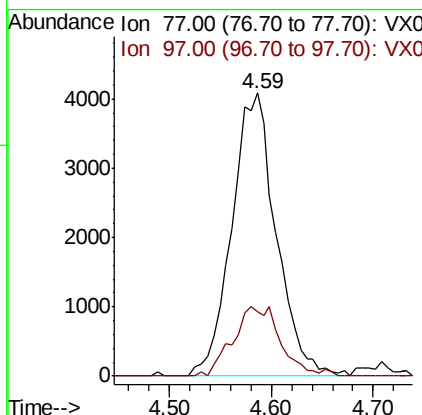
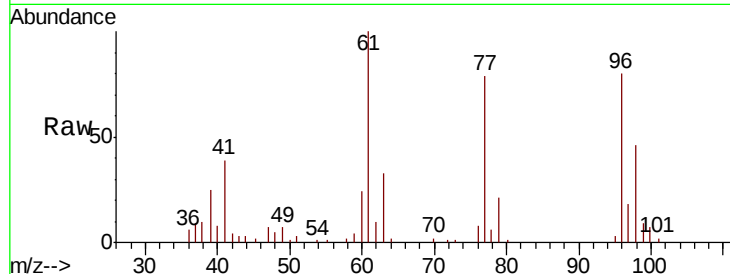




#31
 2,2-Dichloropropane
 Concen: 3.620 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

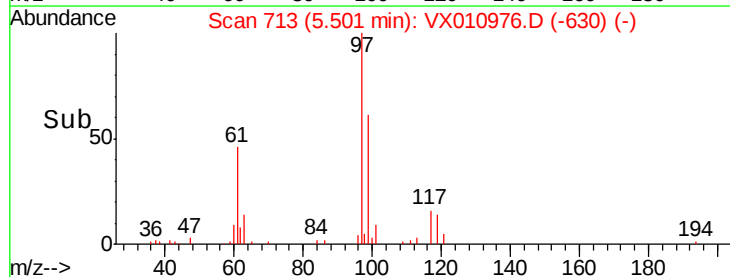
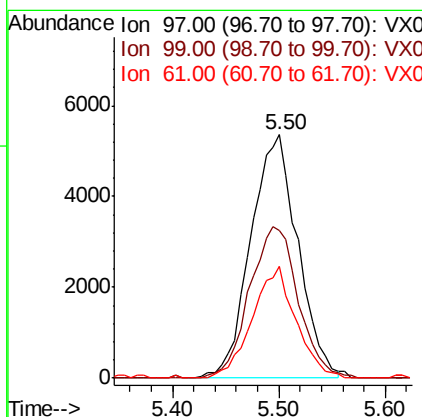
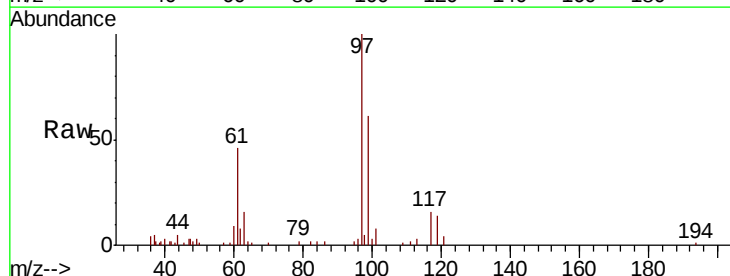
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

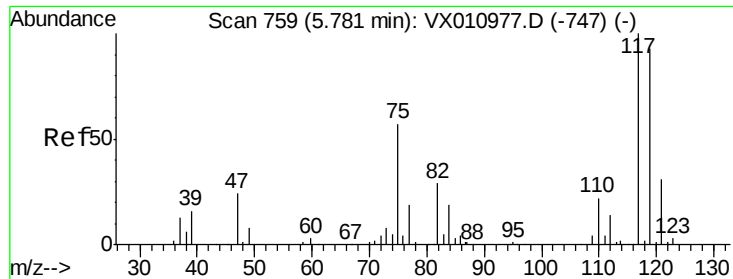
Tot Ion: 77 Resp: 12321
 Ion Ratio Lower Upper
 77 100
 97 17.1 20.9 31.3#



#32
 1,1,1-Trichloroethane
 Concen: 4.637 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion: 97 Resp: 16562
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.0 76.6
 61 42.4 34.3 51.5





#33

Carbon Tetrachloride

Concen: 4.563 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

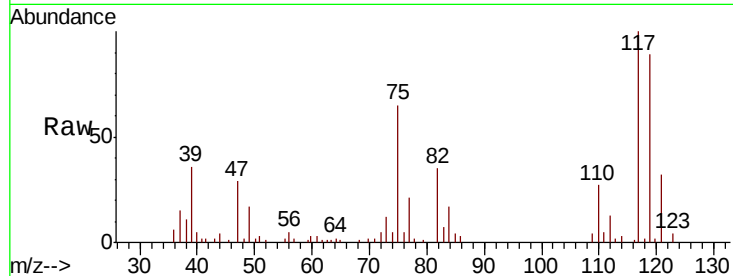
Tot Ion:117 Resp: 13620

Ion Ratio Lower Upper

117 100

119 88.5 74.3 111.5

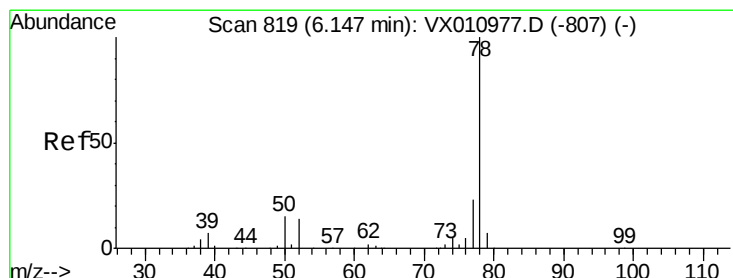
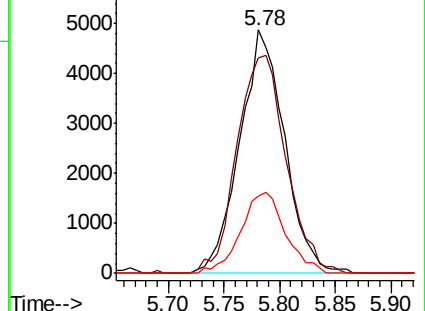
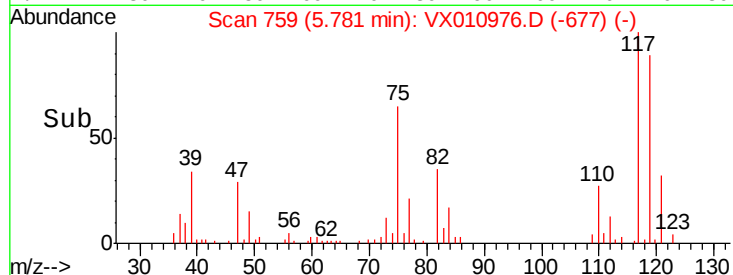
121 31.7 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 4.583 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

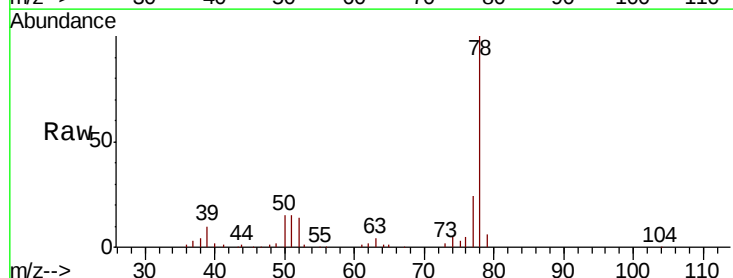
Tgt Ion: 78 Resp: 45350

Ion Ratio Lower Upper

78 100

77 24.4 18.2 27.4

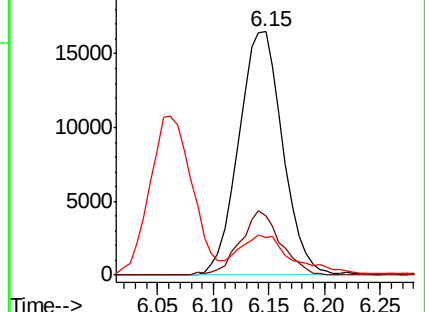
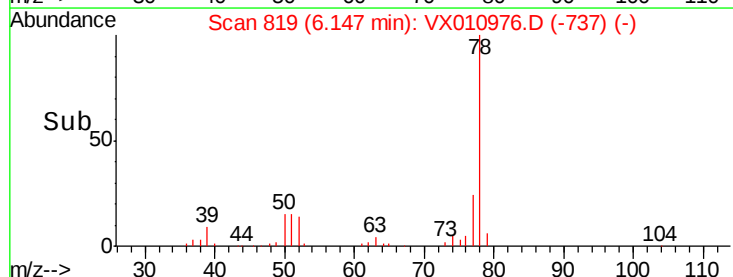
51 13.1 11.4 17.2

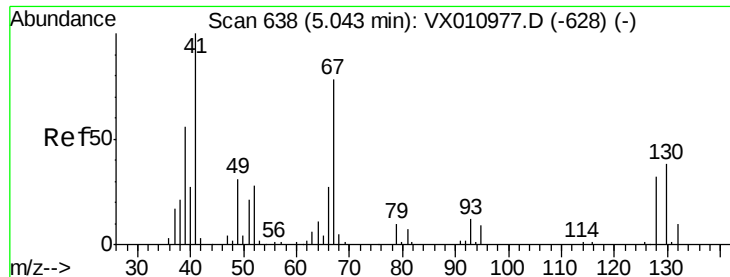


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

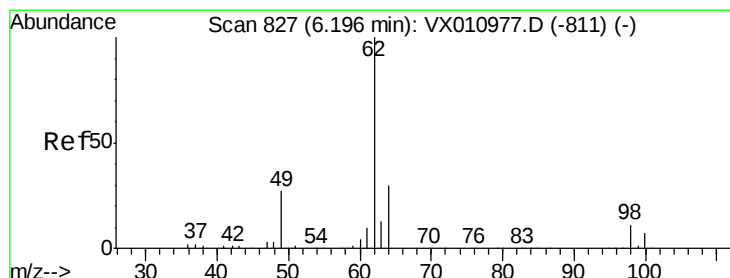
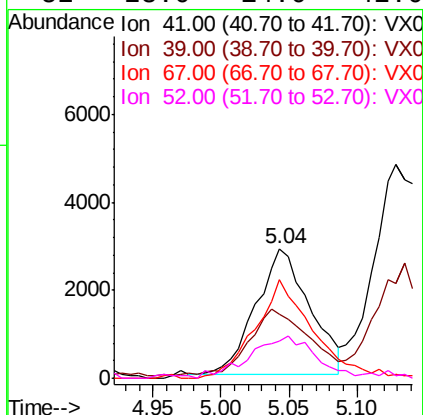
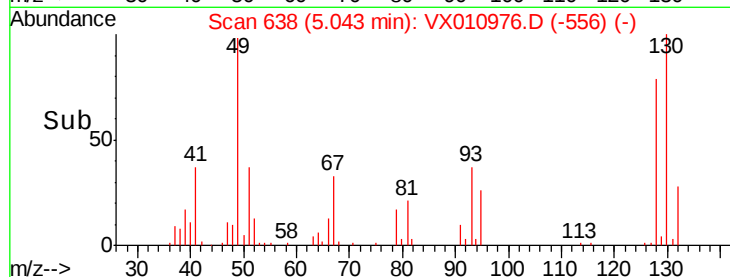
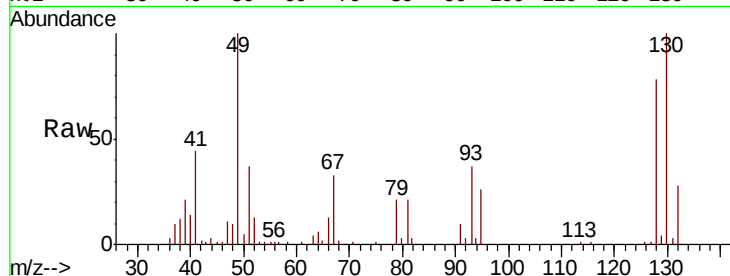




#35
Methacrylonitrile
Concen: 3.200 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

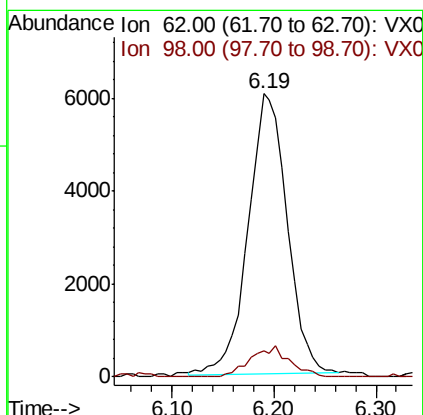
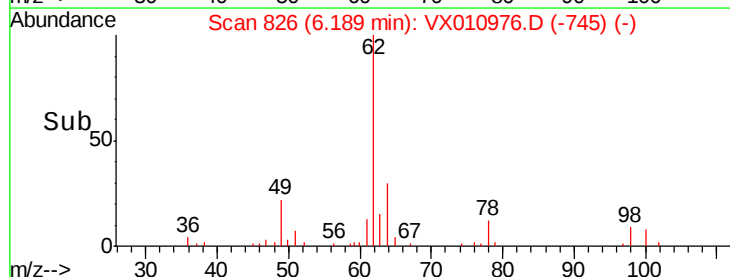
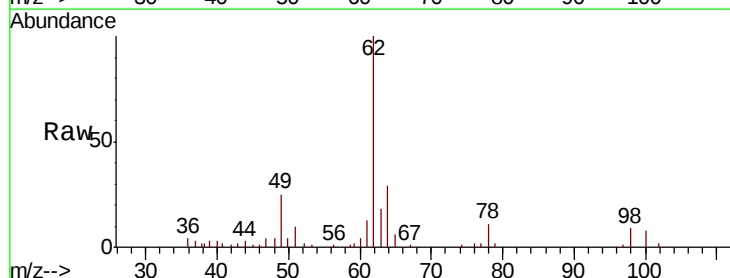
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

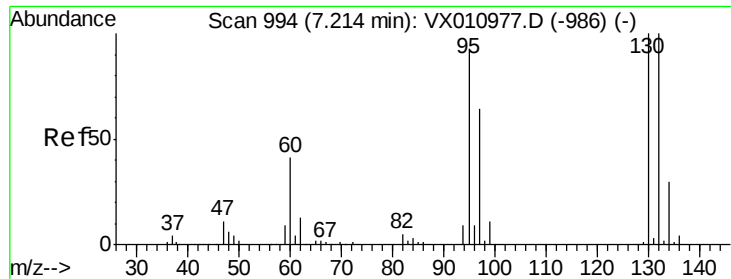
Tot Ion: 41 Resp: 7914
Ion Ratio Lower Upper
41 100
39 46.9 27.6 82.8
67 76.5 39.1 117.2
52 28.0 14.0 42.0



#36
1,2-Dichloroethane
Concen: 4.531 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 62 Resp: 16155
Ion Ratio Lower Upper
62 100
98 5.9 8.0 12.0#

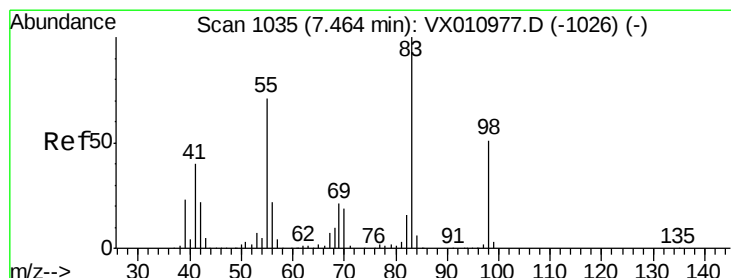
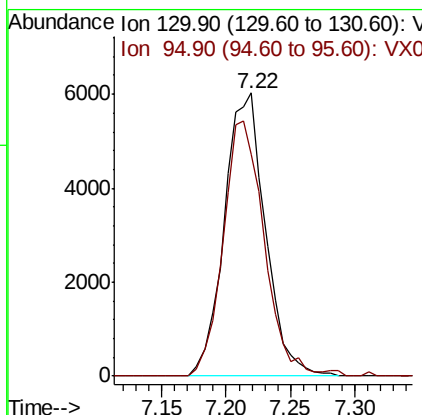
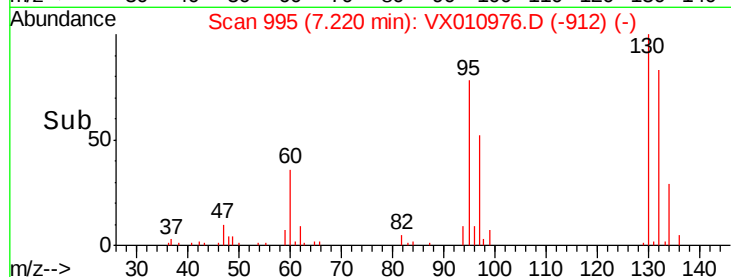
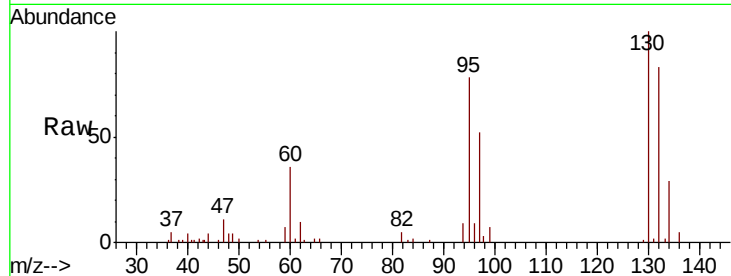




#37
 Trichloroethene
 Concen: 5.391 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

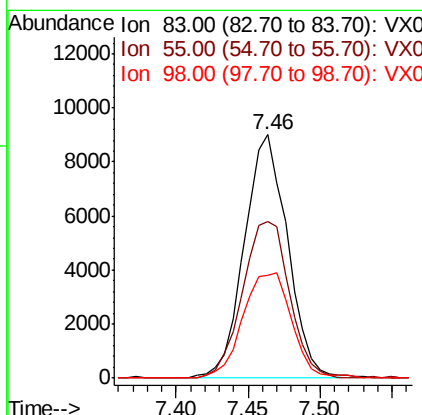
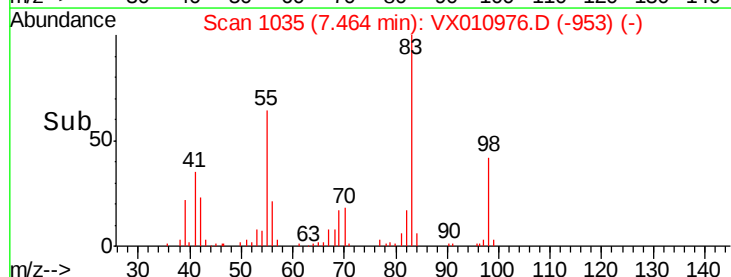
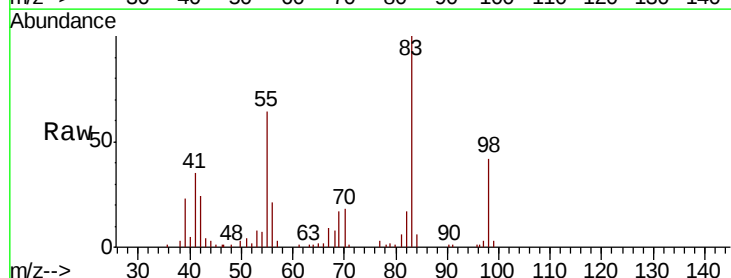
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

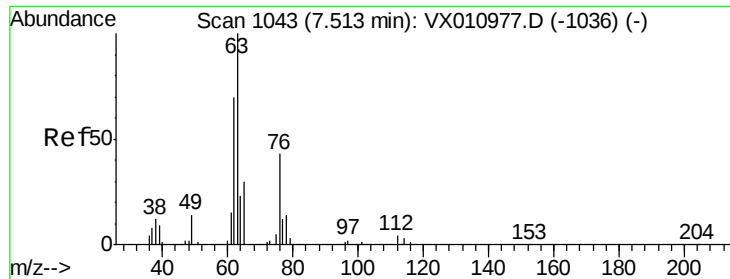
Tot Ion:130 Resp: 13369
 Ion Ratio Lower Upper
 130 100
 95 78.2 74.1 111.1



#38
 Methylcyclohexane
 Concen: 4.666 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion: 83 Resp: 18710
 Ion Ratio Lower Upper
 83 100
 55 69.8 35.3 105.9
 98 48.3 24.0 72.0





#39

1,2-Dichloropropane

Concen: 4.049 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

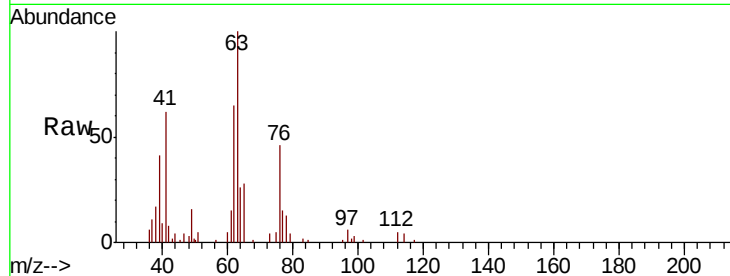
VSTDIC005

Tot Ion: 63 Resp: 11164

Ion Ratio Lower Upper

63 100

65 27.2 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.51

6000

5000

4000

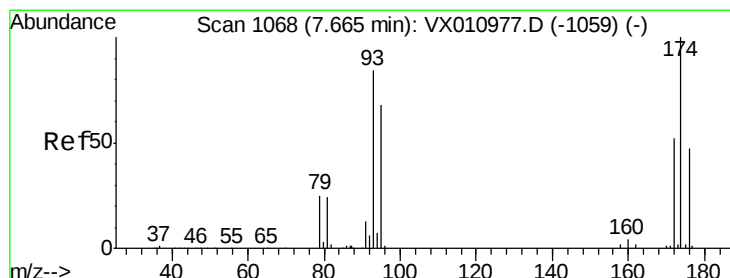
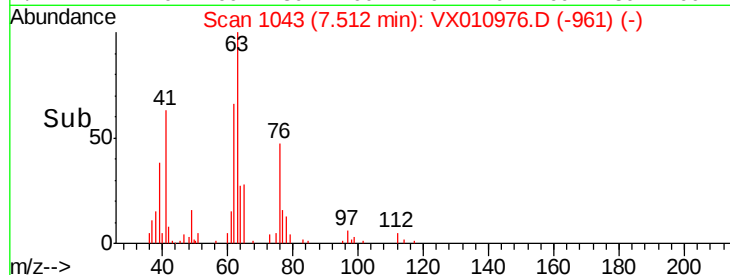
3000

2000

1000

0

Time-->



#40

Dibromomethane

Concen: 4.960 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

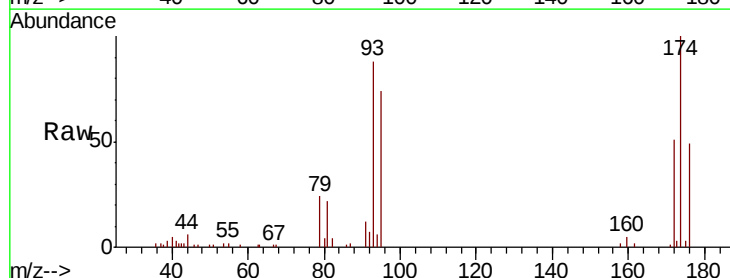
Tgt Ion: 93 Resp: 8127

Ion Ratio Lower Upper

93 100

95 86.1 0.0 166.0

174 111.4 0.0 229.2



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

6000

5000

4000

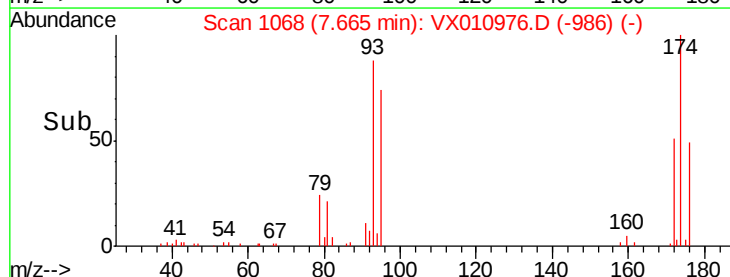
3000

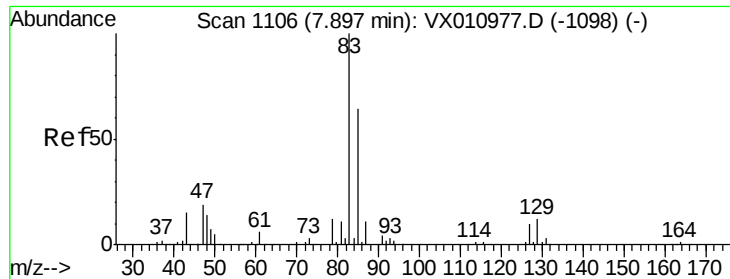
2000

1000

0

Time-->





#41

Bromodichloromethane

Concen: 4.079 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

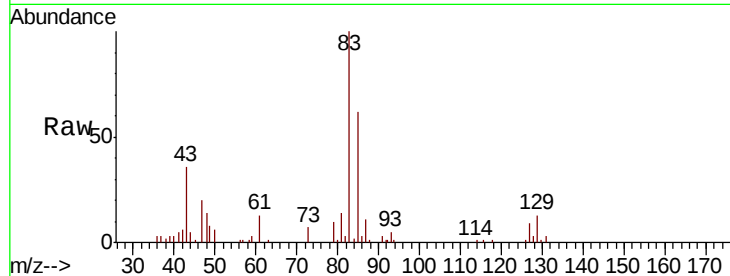
Tot Ion: 83 Resp: 13273

Ion Ratio Lower Upper

83 100

85 61.6 50.9 76.3

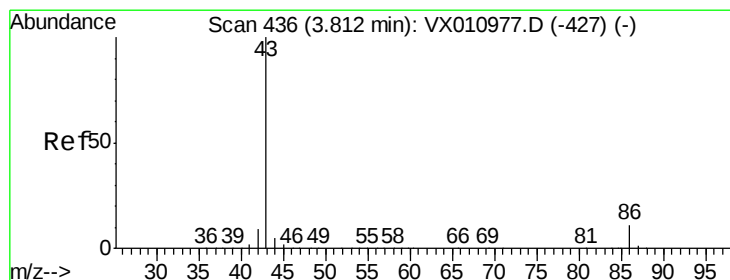
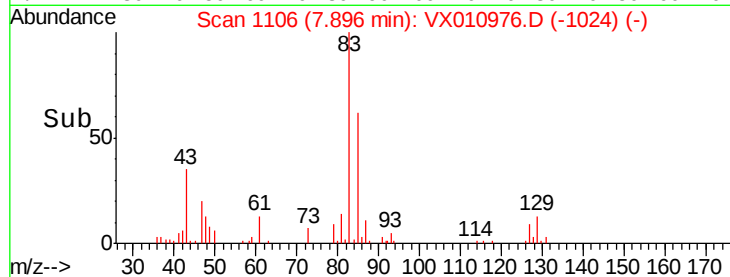
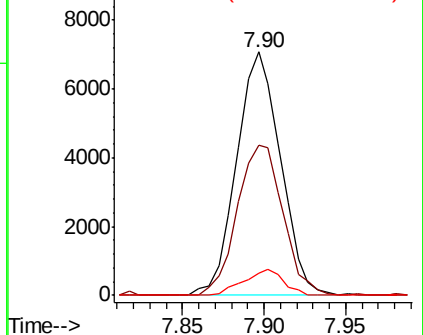
127 9.3 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): VX0



#42

Vinyl Acetate

Concen: 16.295 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010976.D

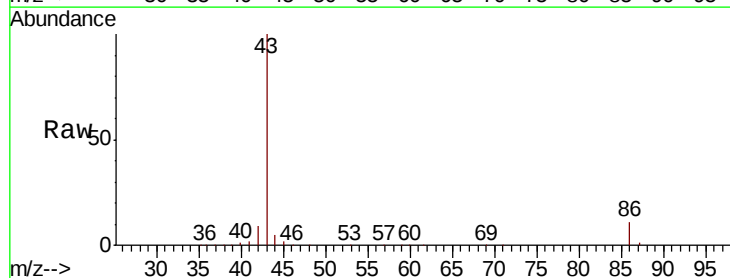
Acq: 18 Jul 2019 22:22

Tgt Ion: 43 Resp: 127373

Ion Ratio Lower Upper

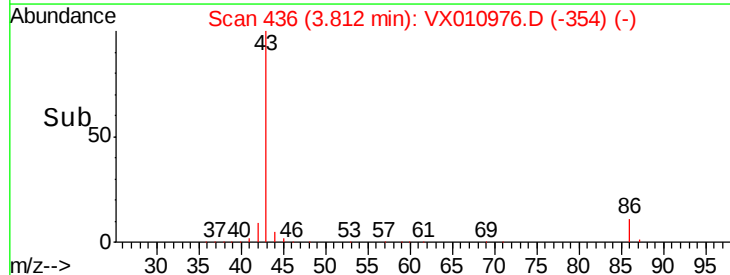
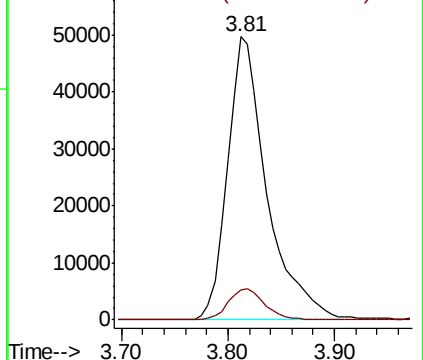
43 100

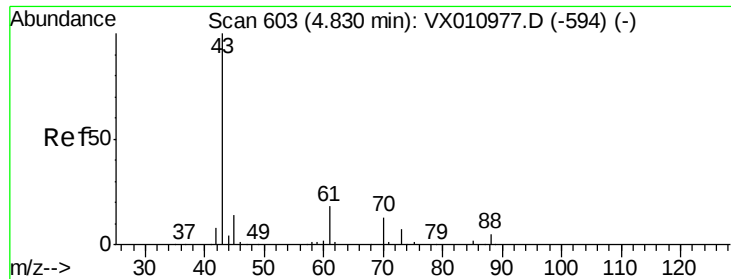
86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

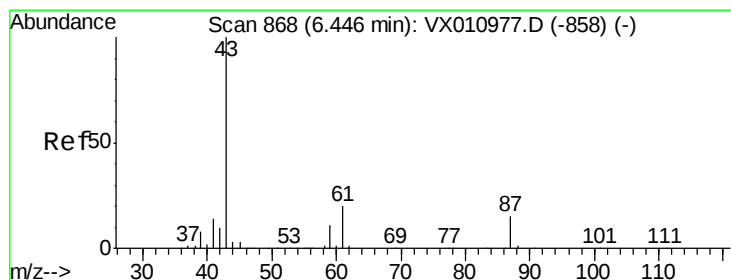
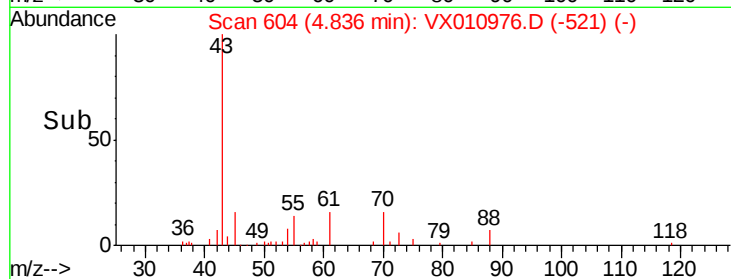
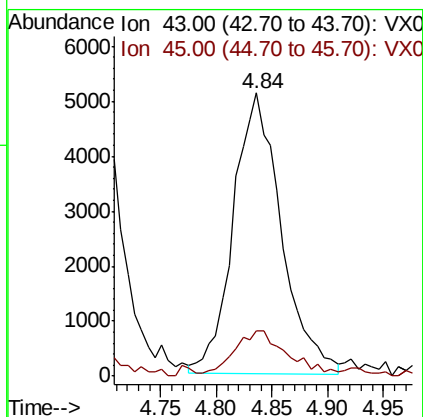
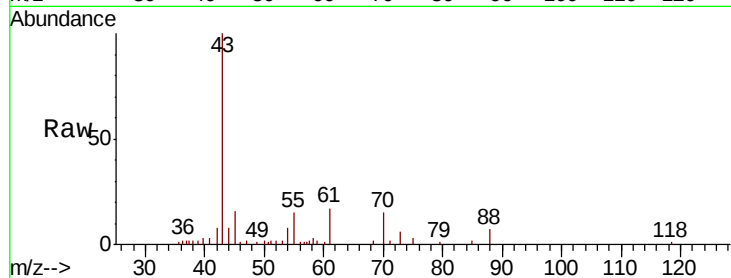




#43
Ethyl Acetate
Concen: 3.575 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

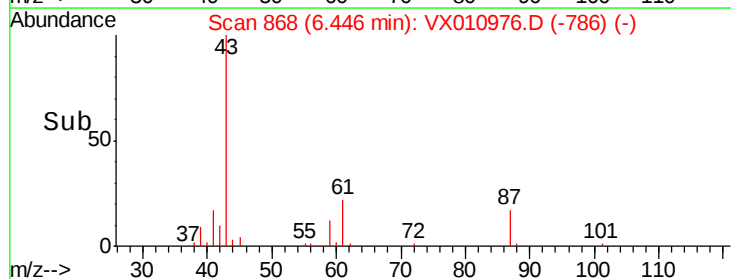
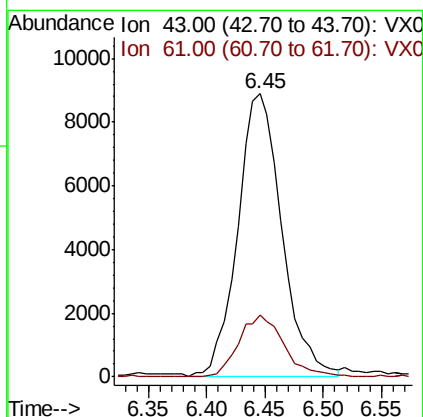
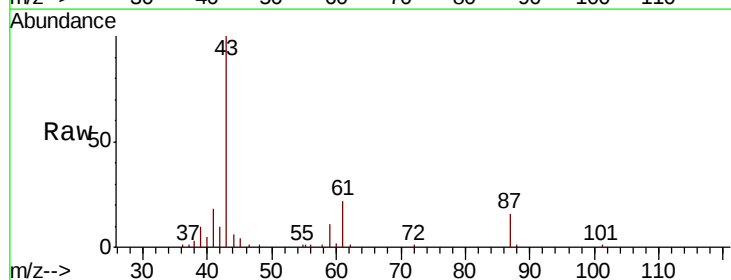
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

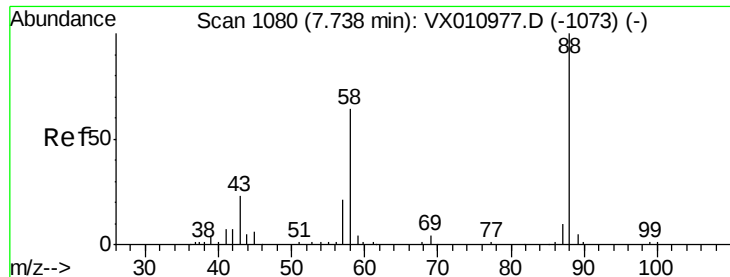
Tot Ion: 43 Resp: 15369
Ion Ratio Lower Upper
43 100
45 15.6 12.1 18.1



#44
Isopropyl Acetate
Concen: 3.343 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 43 Resp: 23552
Ion Ratio Lower Upper
43 100
61 22.3 16.7 25.1





#45

1,4-Dioxane

Concen: 92.303 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

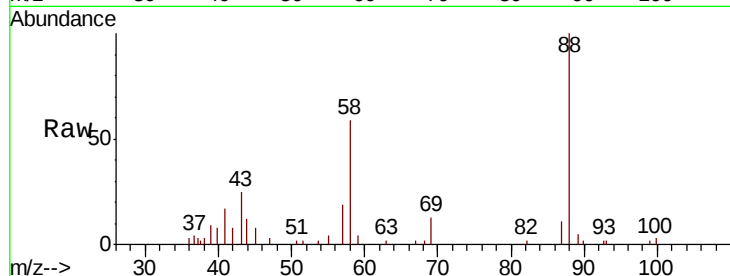
Tot Ion: 88 Resp: 6746

Ion Ratio Lower Upper

88 100

43 29.9 21.6 32.4

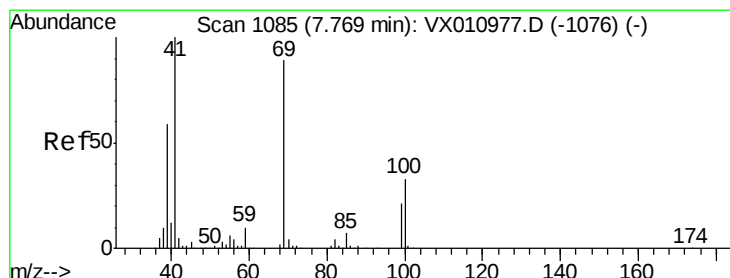
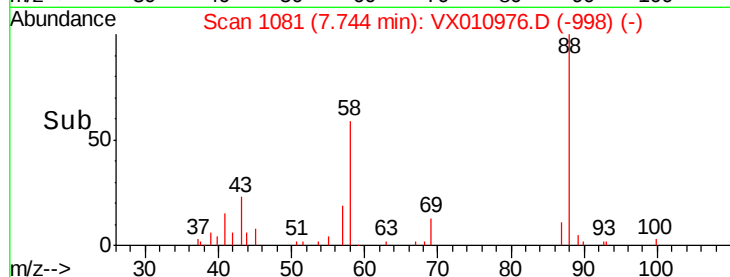
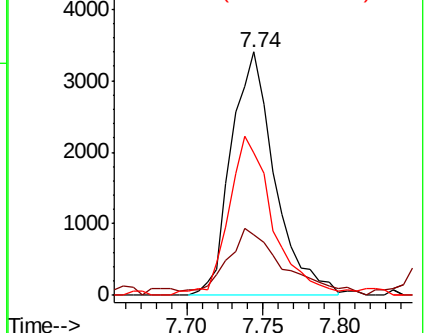
58 64.4 52.2 78.2



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



#46

Methyl methacrylate

Concen: 3.087 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

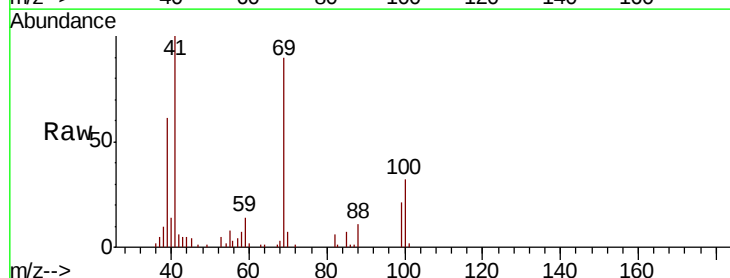
Tgt Ion: 41 Resp: 10773

Ion Ratio Lower Upper

41 100

69 90.4 44.7 134.1

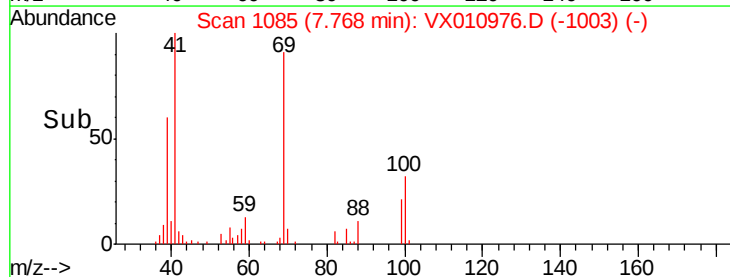
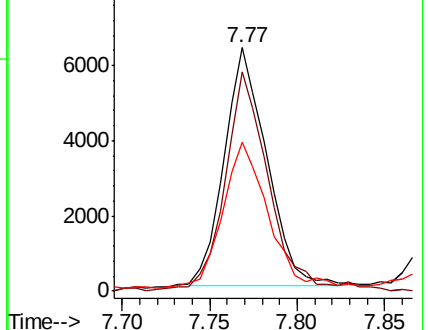
39 60.6 29.4 88.2

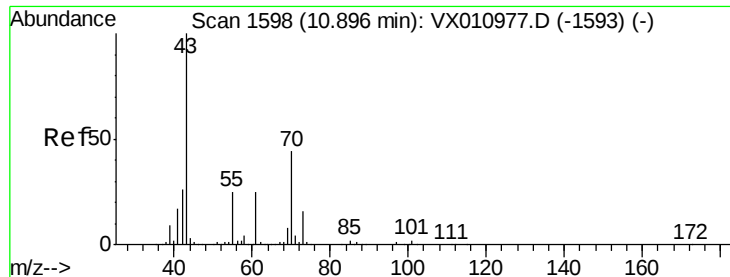


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

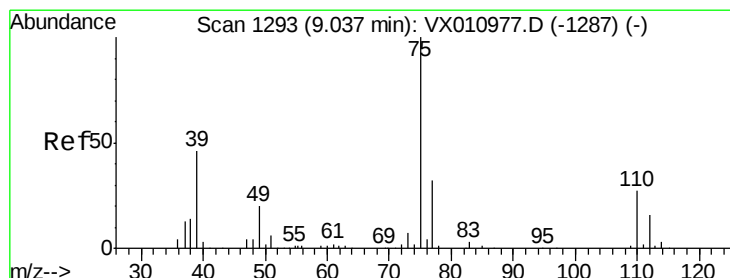
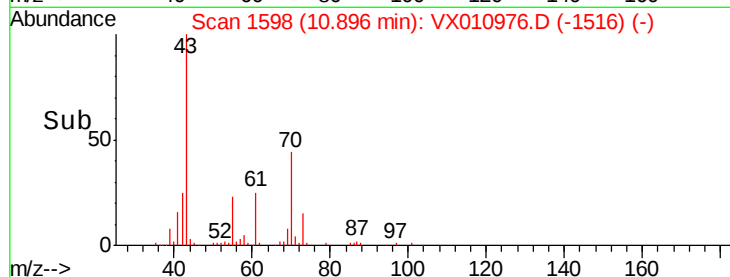
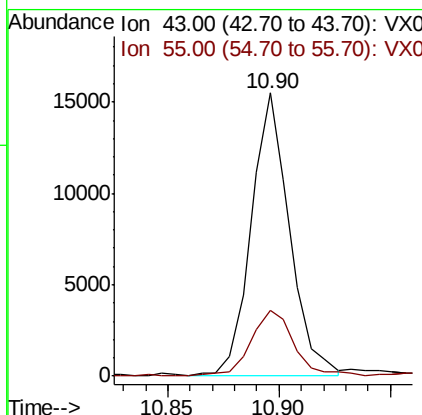
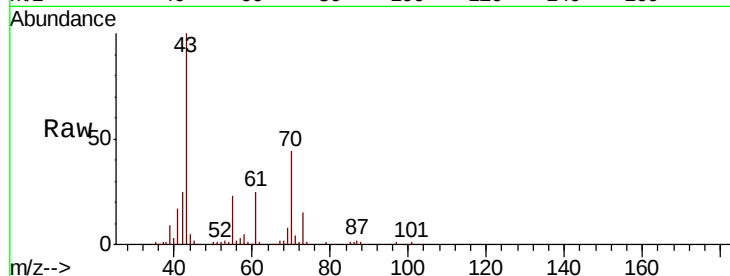




#47
n-amvl Acetate
Concen: 2.900 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

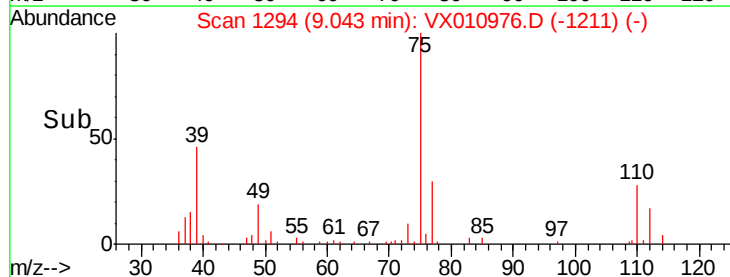
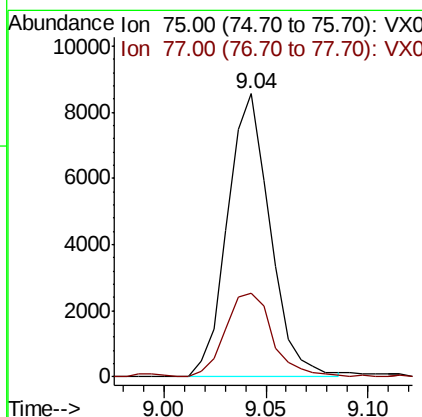
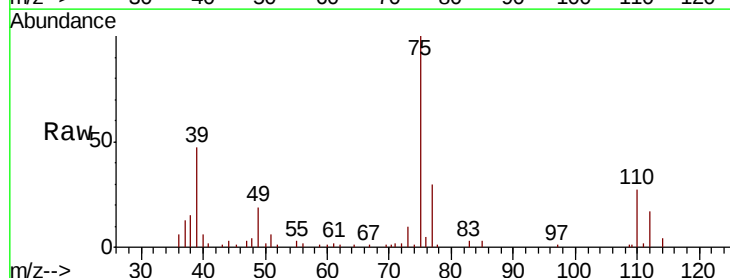
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

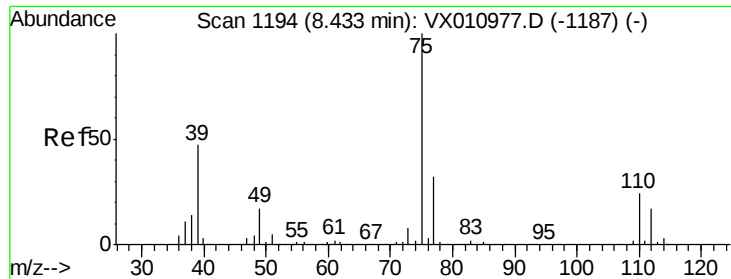
Tot Ion: 43 Resp: 18379
Ion Ratio Lower Upper
43 100
55 26.4 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 3.323 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 75 Resp: 12404
Ion Ratio Lower Upper
75 100
77 29.7 25.7 38.5

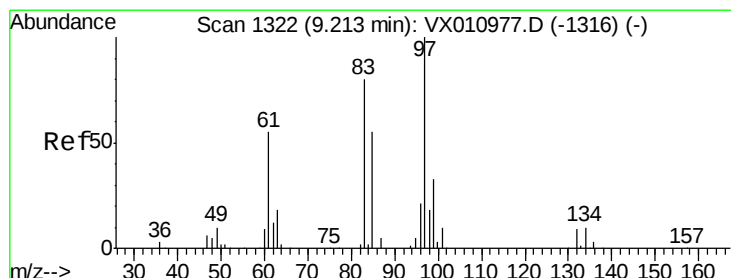
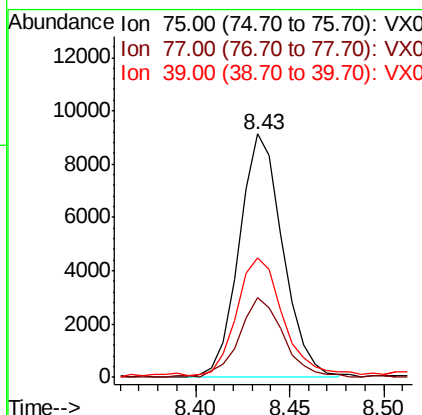
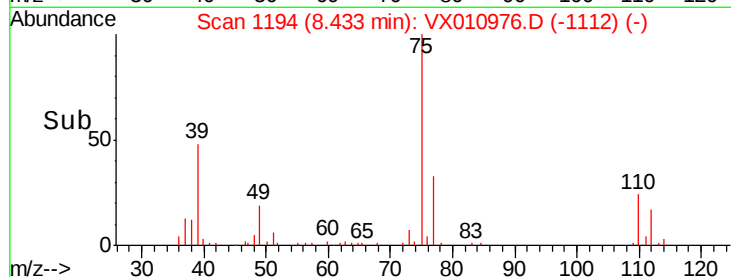
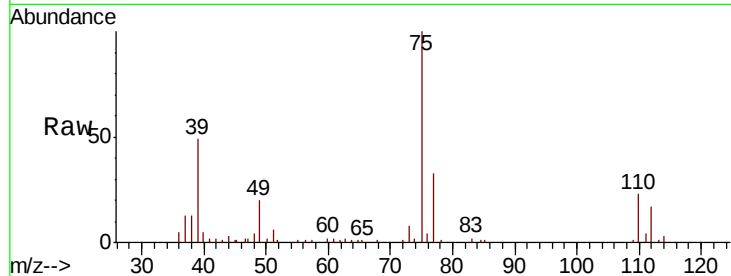




#49
 cis-1,3-Dichloropropene
 Concen: 3.564 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

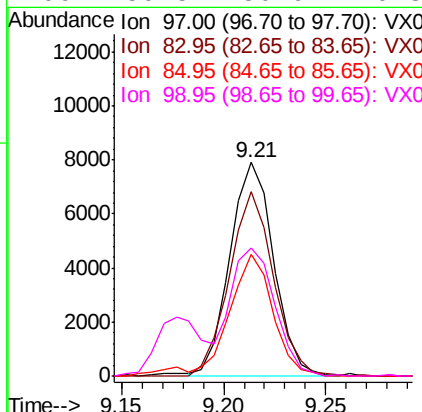
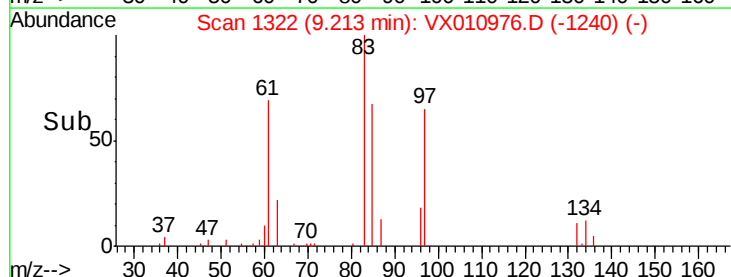
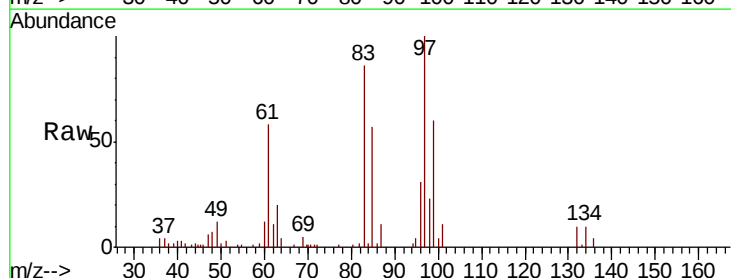
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

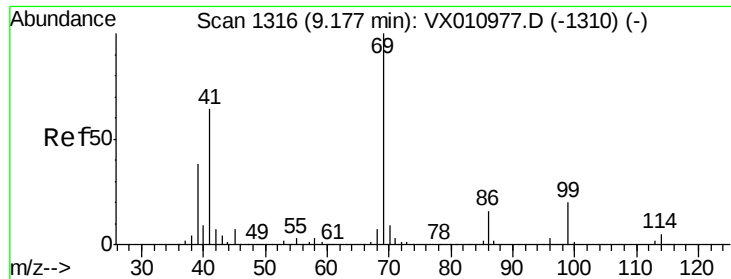
Tot Ion	75	Resp	14640
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.3	37.9
39	48.1	37.8	56.6



#50
 1,1,2-Trichloroethane
 Concen: 4.723 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	97	Resp	11748
Ion Ratio	Lower	Upper	
97	100		
83	86.1	63.9	95.9
85	57.2	43.4	65.2
99	59.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 3.831 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

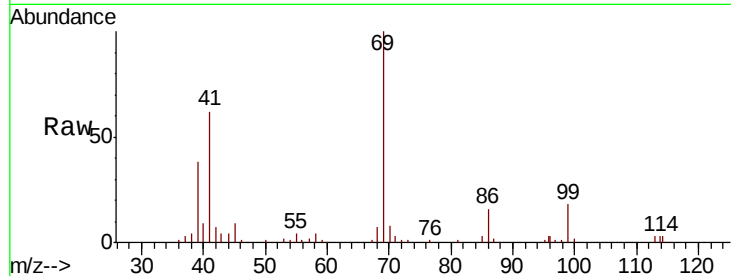
Tot Ion: 69 Resp: 16997

Ion Ratio Lower Upper

69 100

41 60.5 32.1 96.3

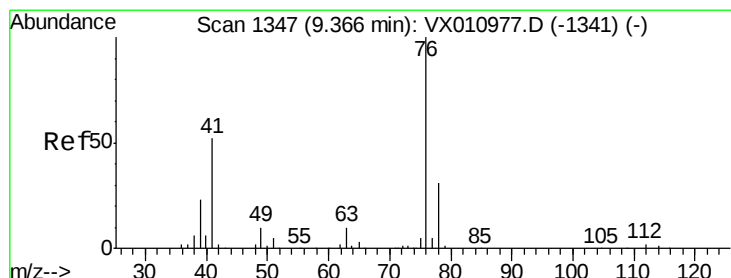
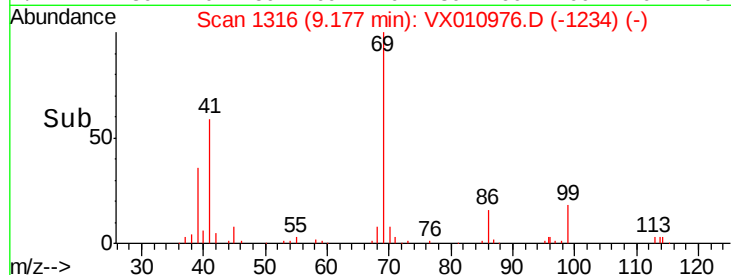
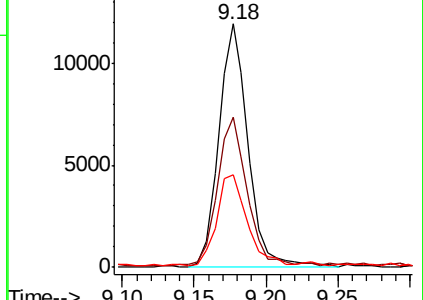
39 37.1 19.1 57.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 4.408 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010976.D

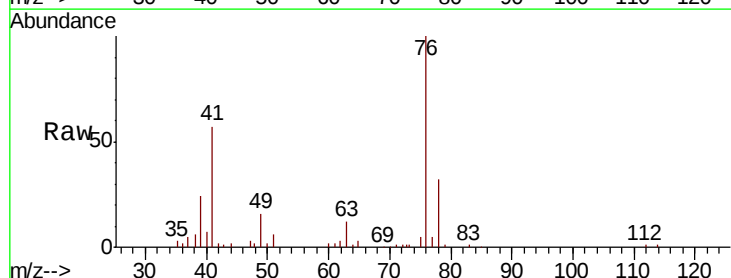
Acq: 18 Jul 2019 22:22

Tgt Ion: 76 Resp: 19112

Ion Ratio Lower Upper

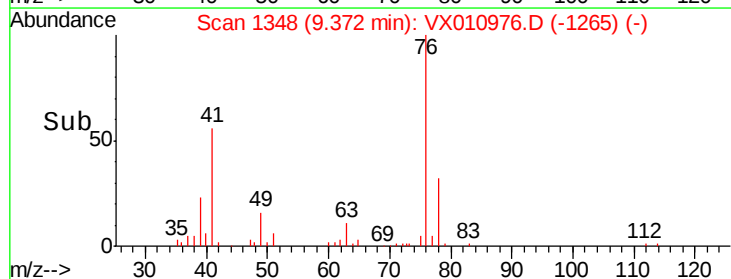
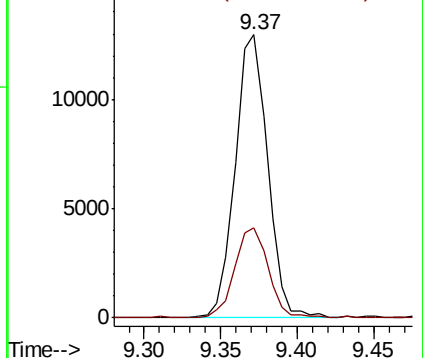
76 100

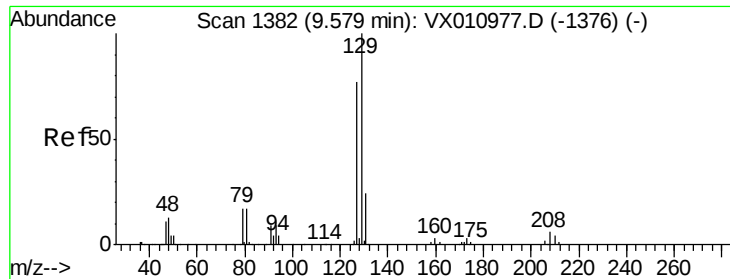
78 32.9 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 4.075 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

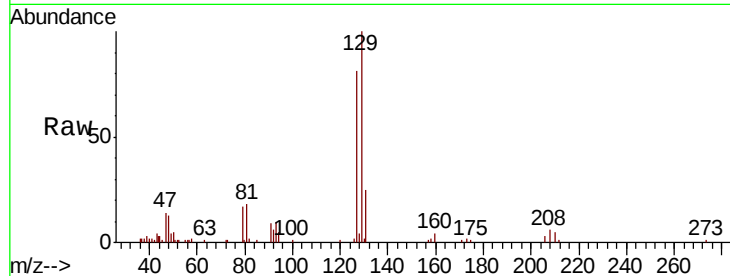
VSTDIC005

Tot Ion:129 Resp: 10203

Ion Ratio Lower Upper

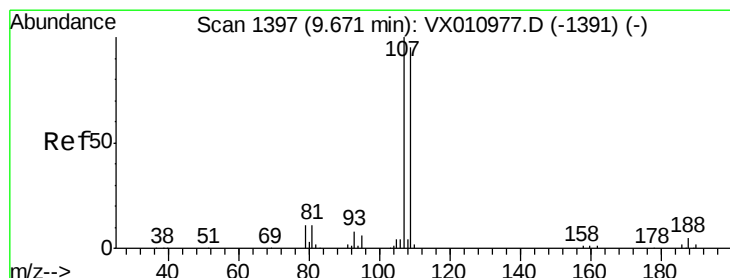
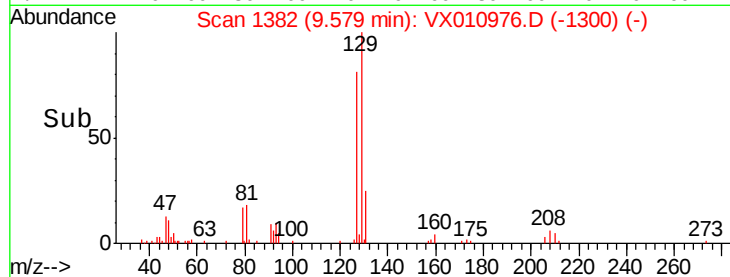
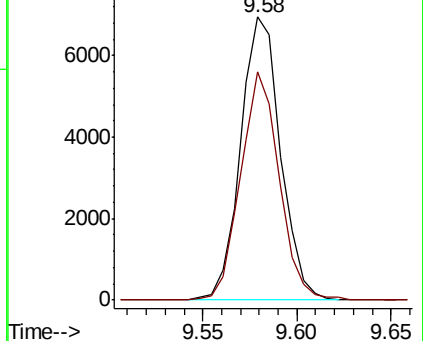
129 100

127 78.0 38.1 114.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.711 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010976.D

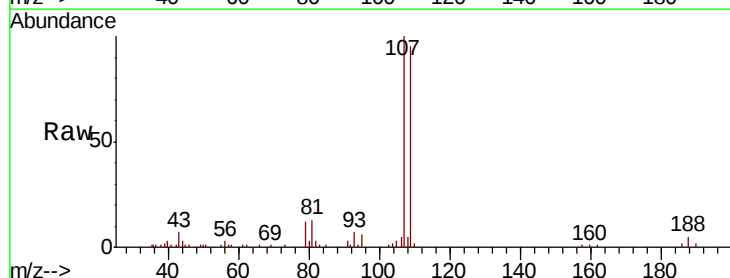
Acq: 18 Jul 2019 22:22

Tgt Ion:107 Resp: 12145

Ion Ratio Lower Upper

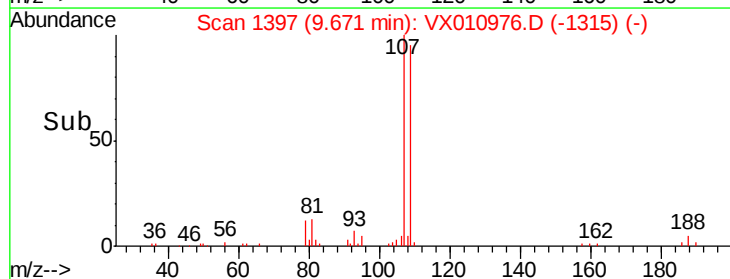
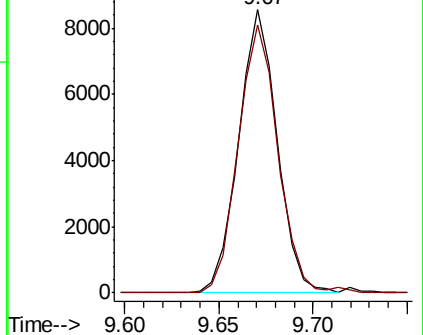
107 100

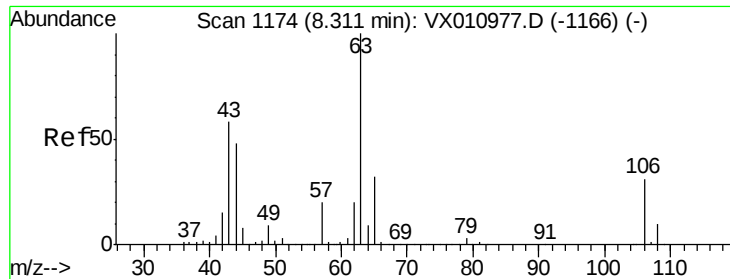
109 96.6 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

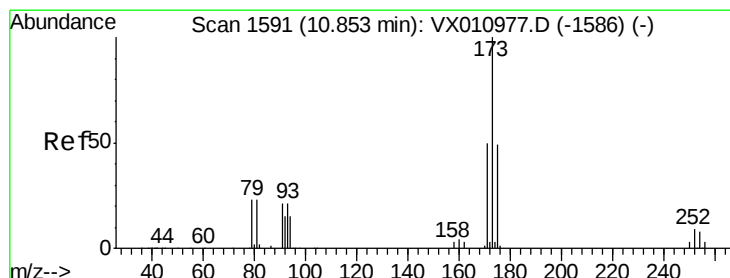
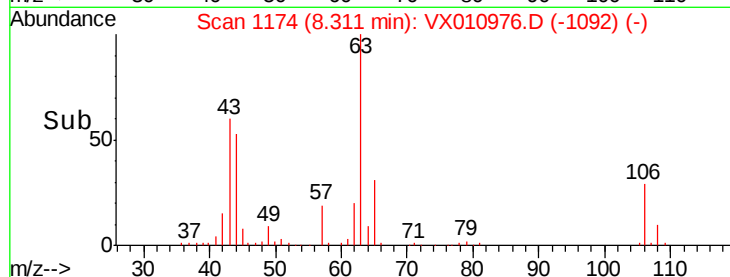
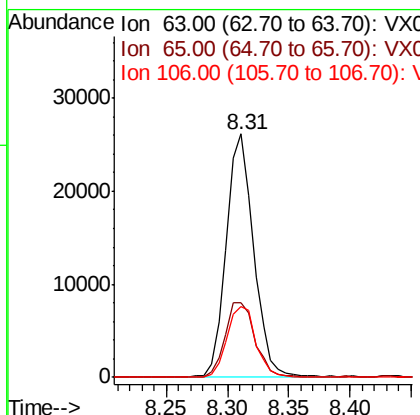
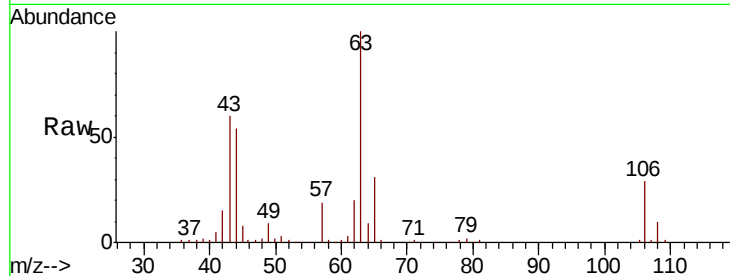




#55
2-Chloroethyl vinyl ether
Concen: 17.900 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

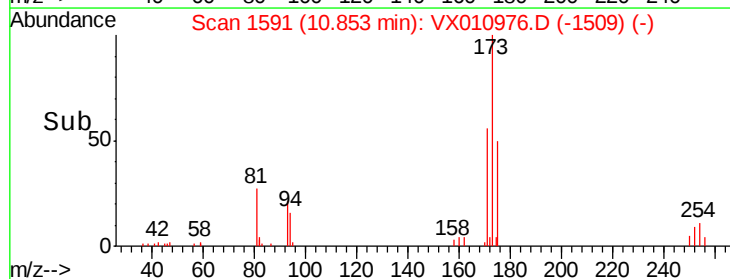
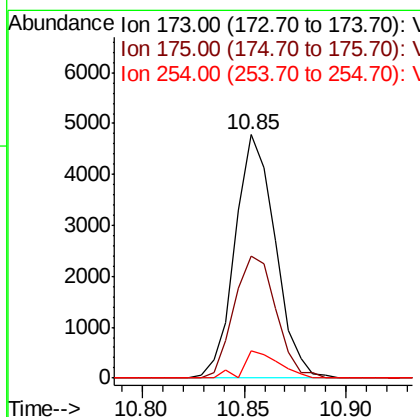
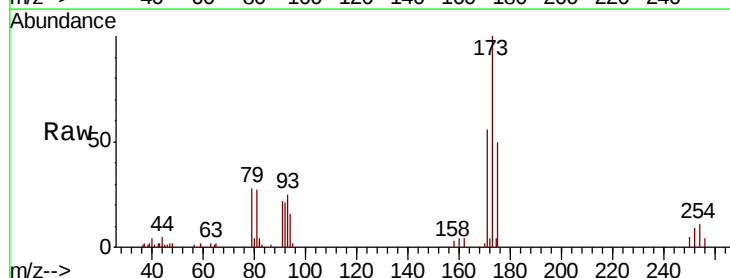
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

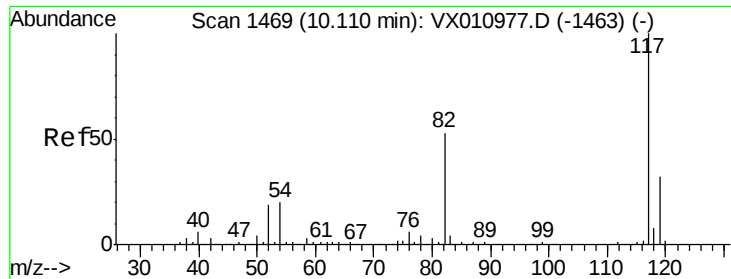
Tot Ion: 63 Resp: 40591
Ion Ratio Lower Upper
63 100
65 33.7 25.7 38.5
106 30.3 24.8 37.2



#56
Bromoform
Concen: 3.444 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 173 Resp: 6565
Ion Ratio Lower Upper
173 100
175 52.1 39.0 58.6
254 9.0 7.9 11.9

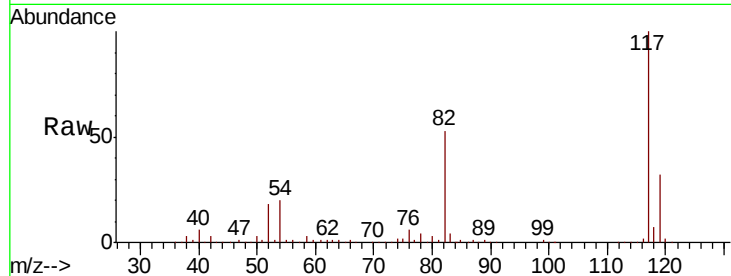




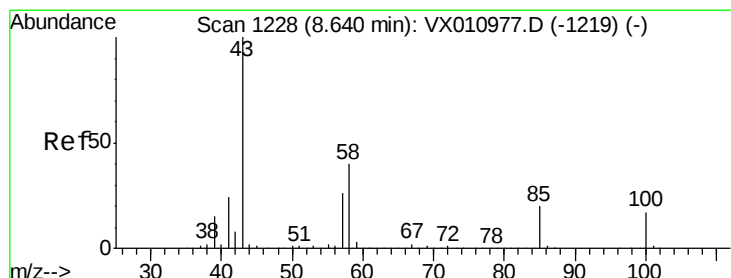
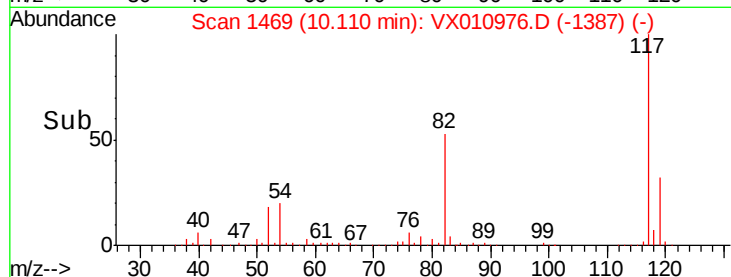
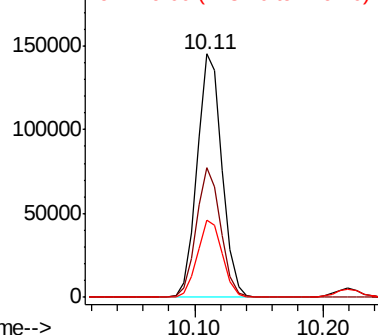
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 197447
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 31.8 26.0 39.0

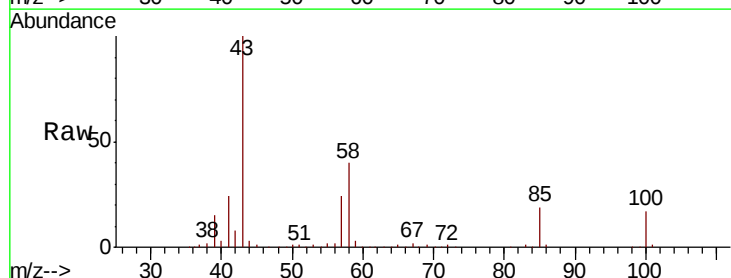


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

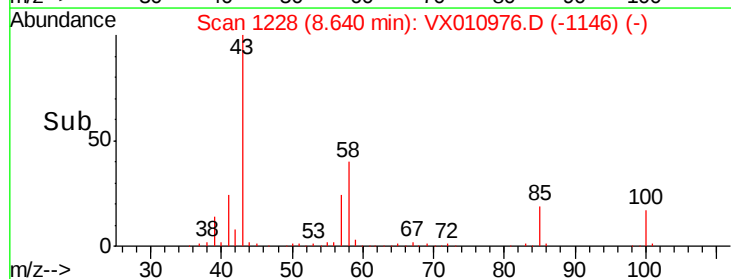
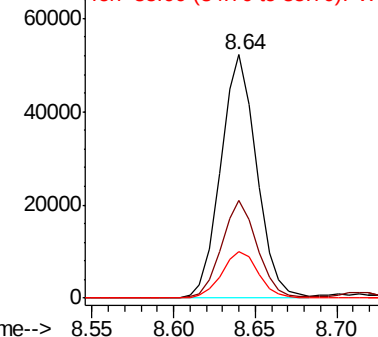


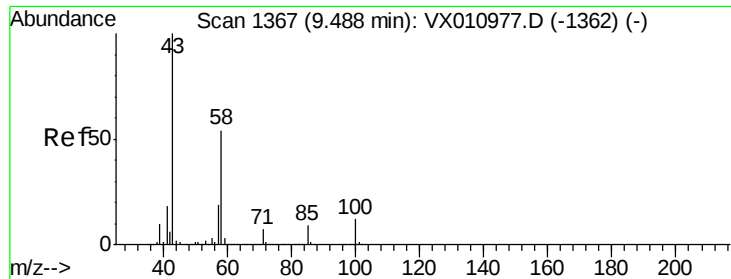
#58
4-Methyl-2-Pentanone
Concen: 17.580 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 43 Resp: 80084
Ion Ratio Lower Upper
43 100
58 39.8 32.6 48.8
85 19.5 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

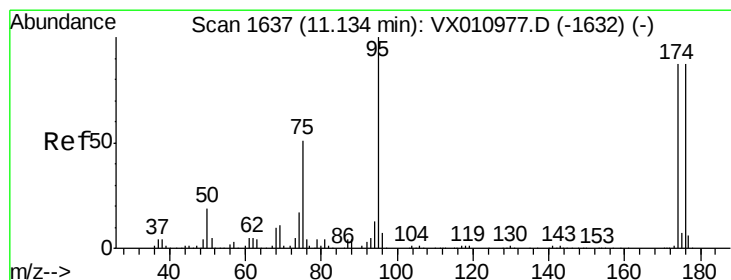
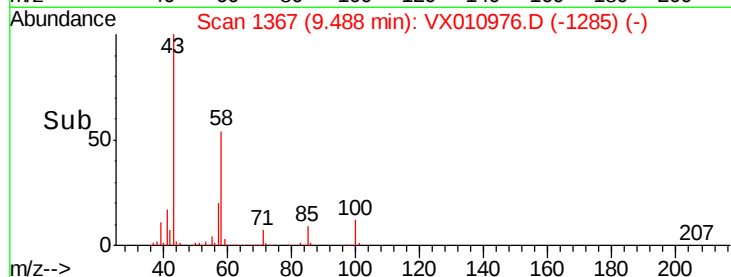
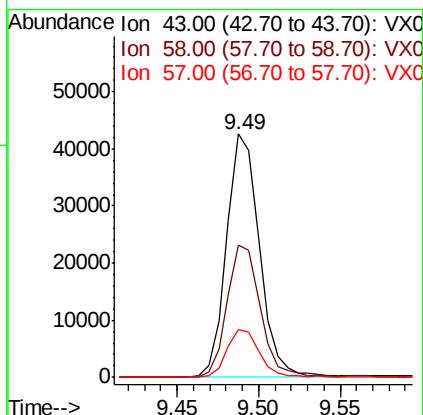
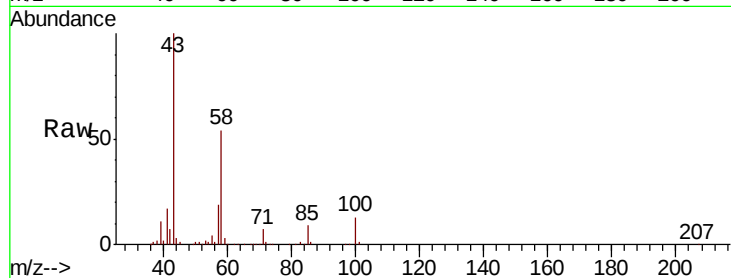




#59
2-Hexanone
Concen: 16.874 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

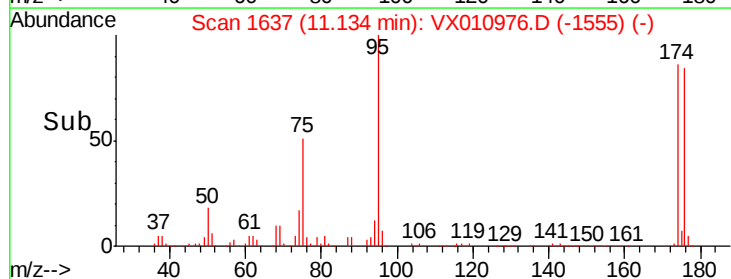
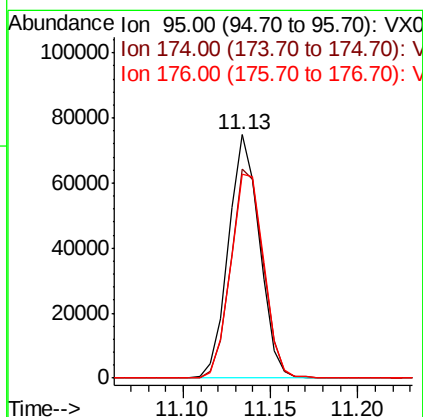
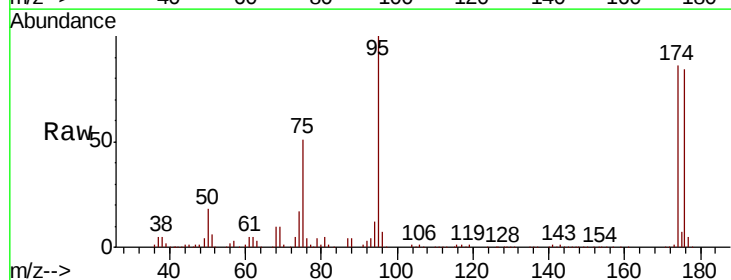
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

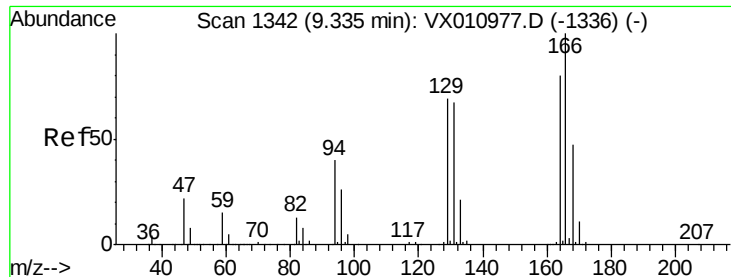
Tot Ion: 43 Resp: 60039
Ion Ratio Lower Upper
43 100
58 54.6 44.7 67.1
57 19.7 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 28.110 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 95 Resp: 92870
Ion Ratio Lower Upper
95 100
174 89.4 73.3 109.9
176 89.4 71.2 106.8





#61

Tetrachloroethene

Concen: 5.983 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 13614

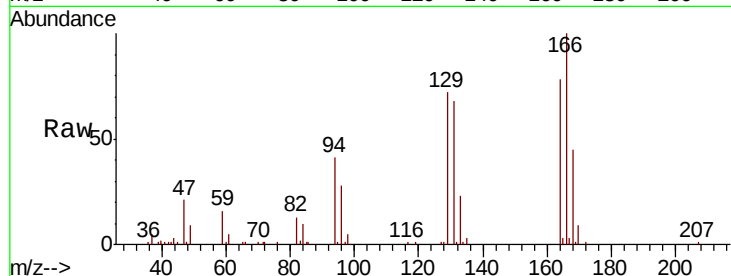
Ion Ratio Lower Upper

164 100

166 127.9 100.1 150.1

129 91.9 69.6 104.4

131 87.4 67.0 100.6

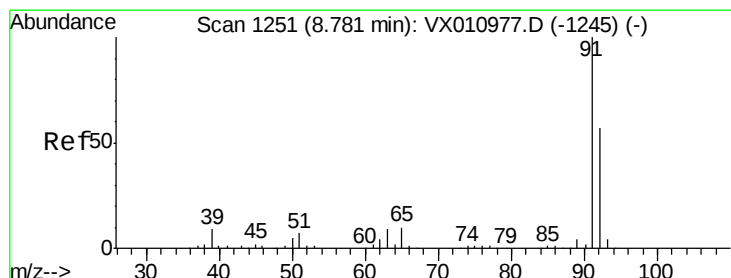
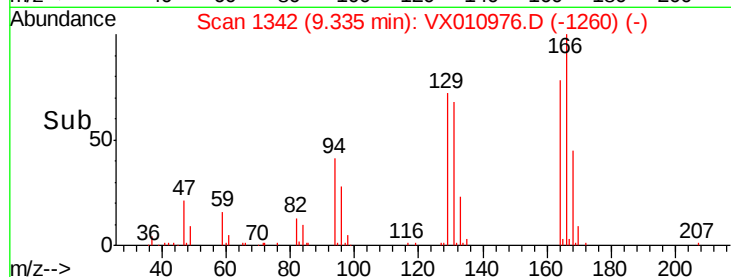
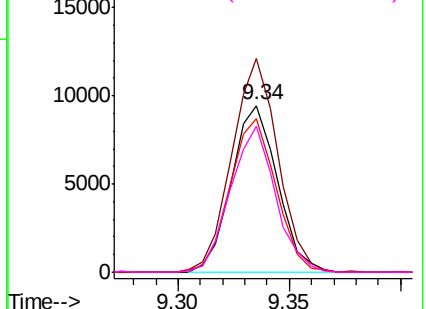


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 4.931 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010976.D

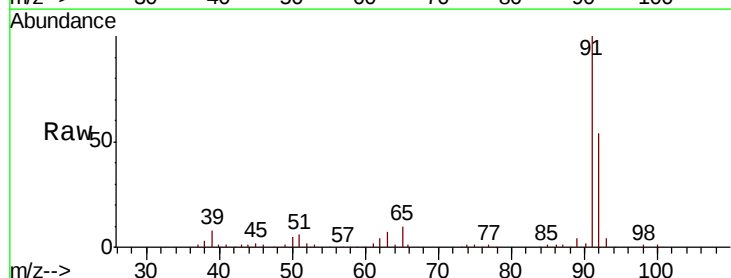
Acq: 18 Jul 2019 22:22

Tgt Ion: 91 Resp: 51929

Ion Ratio Lower Upper

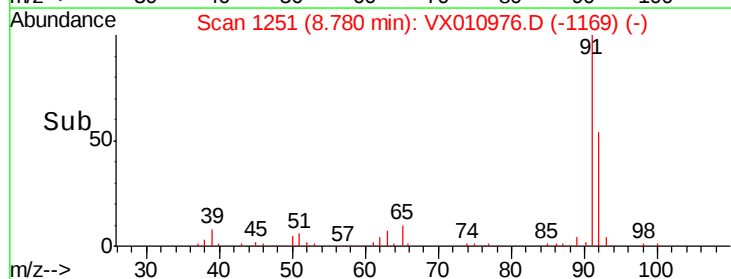
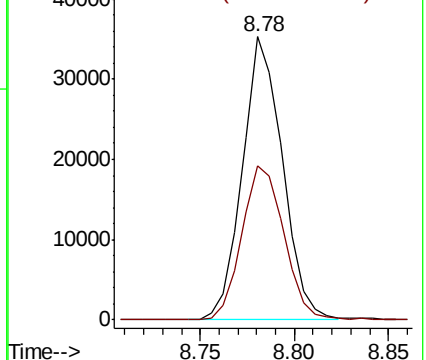
91 100

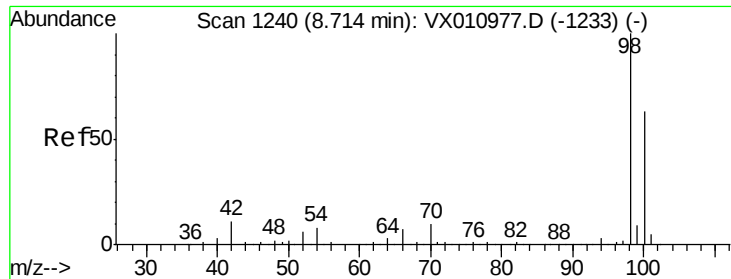
92 57.3 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

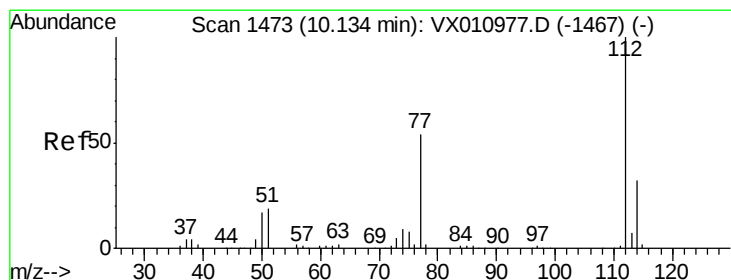
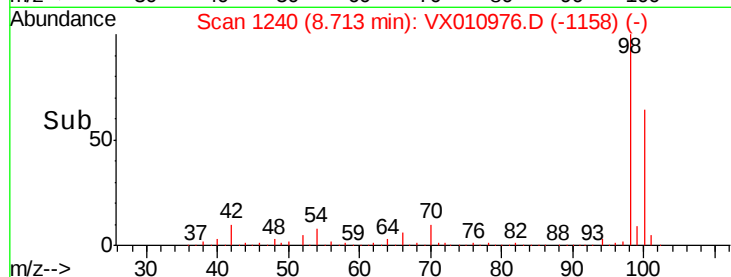
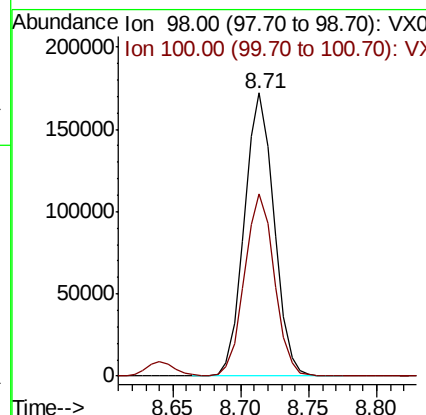
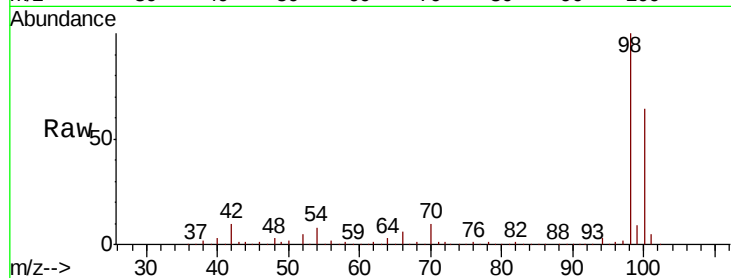




#63
Toluene-d8
Concen: 28.648 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

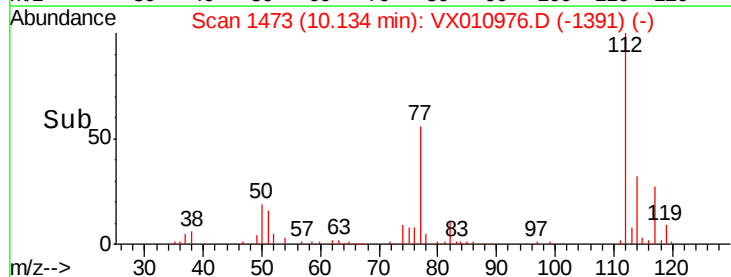
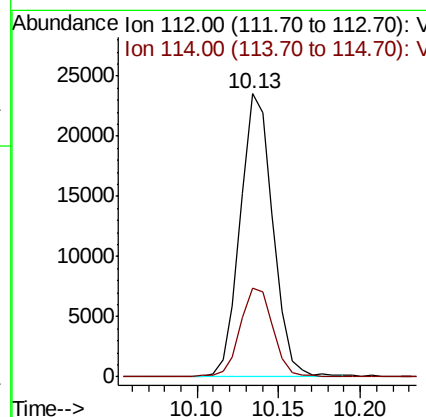
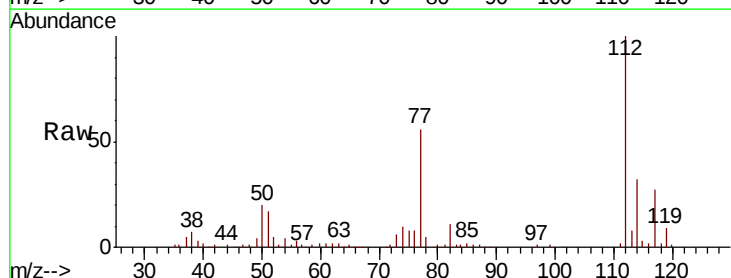
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

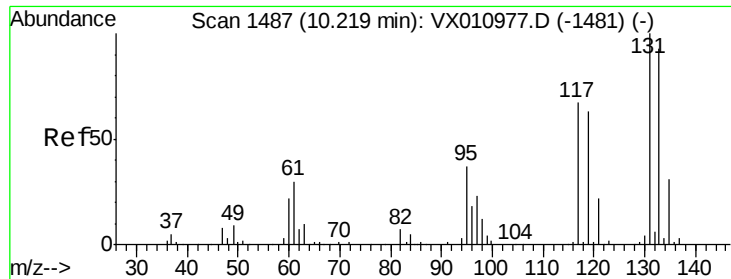
Tot Ion: 98 Resp: 263917
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#64
Chlorobenzene
Concen: 5.115 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 112 Resp: 32878
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 4.287 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

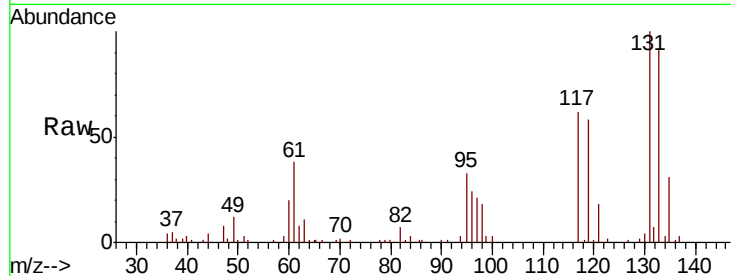
Tot Ion:131 Resp: 10056

Ion Ratio Lower Upper

131 100

133 99.6 0.0 190.2

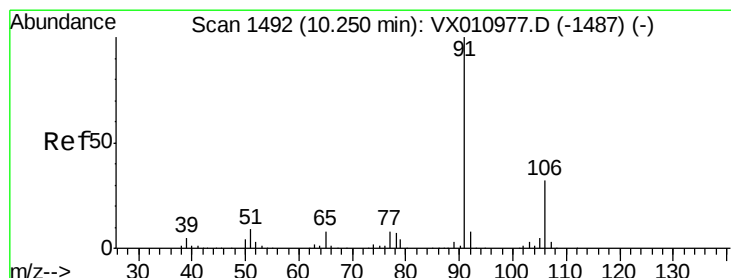
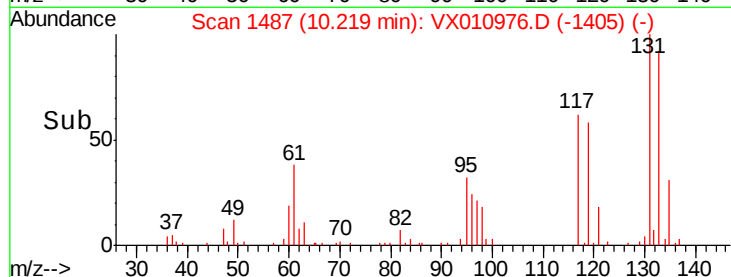
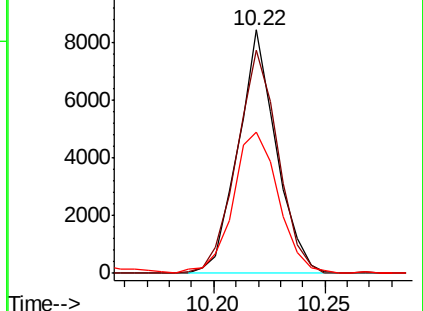
119 69.0 0.0 127.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 4.886 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010976.D

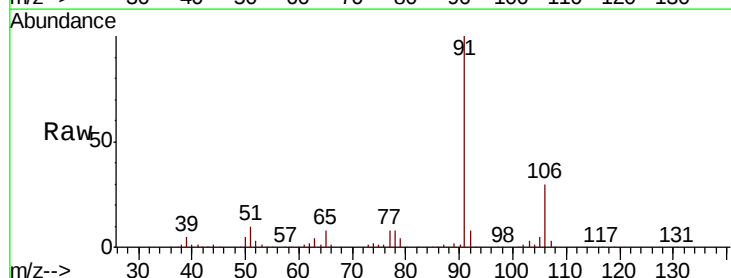
Acq: 18 Jul 2019 22:22

Tgt Ion: 91 Resp: 57435

Ion Ratio Lower Upper

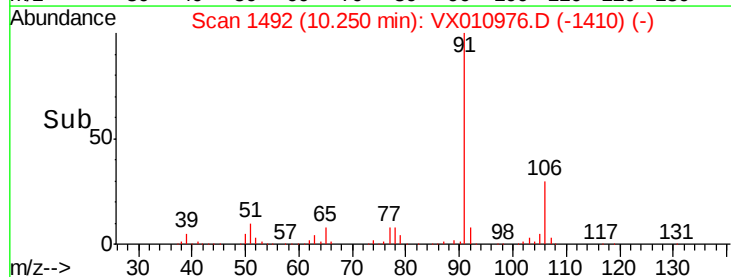
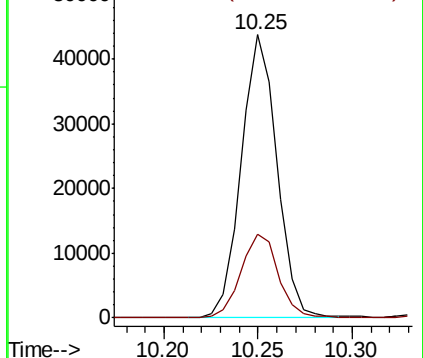
91 100

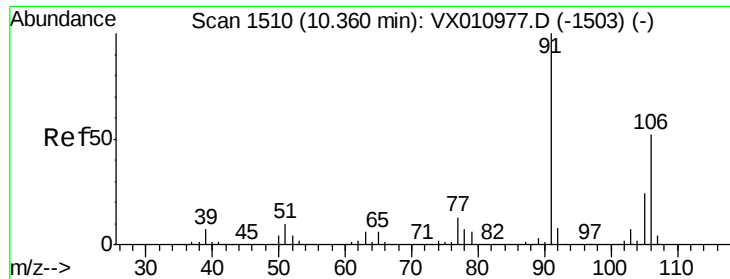
106 29.7 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

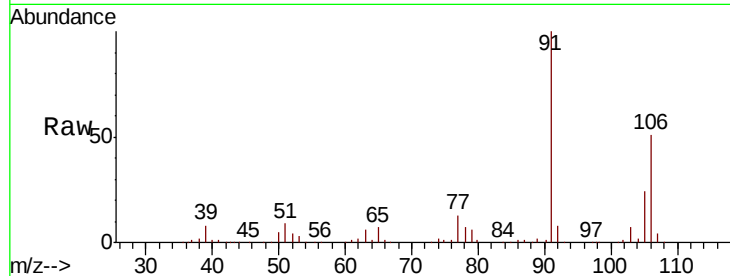




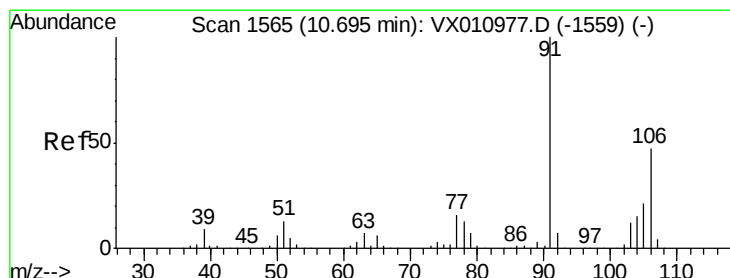
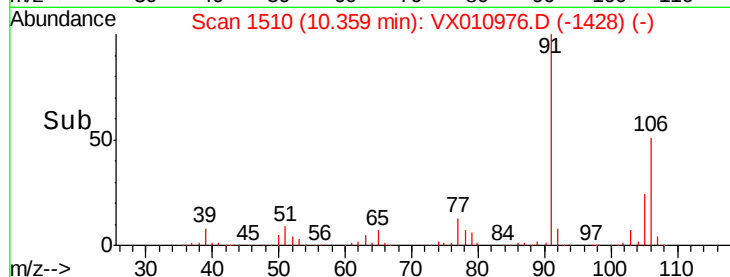
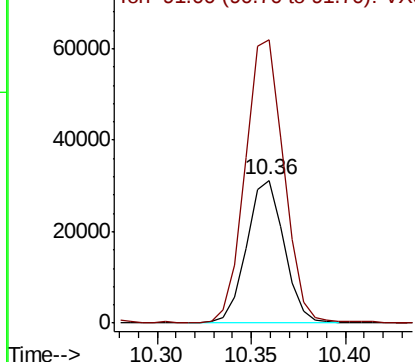
#67
m/p-Xvlenes
Concen: 9.897 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 43065
Ion Ratio Lower Upper
106 100
91 202.6 156.6 235.0

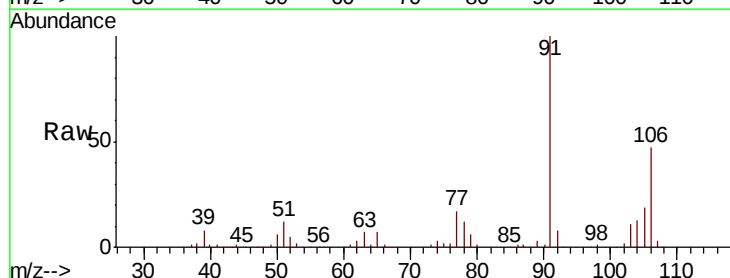


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

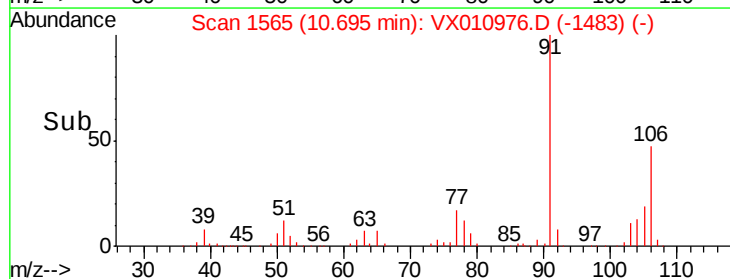
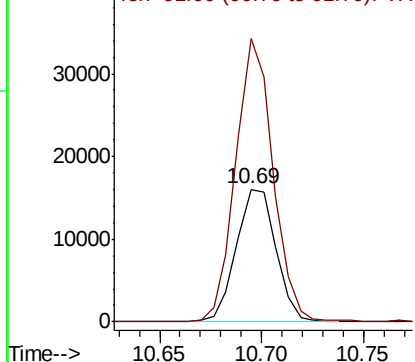


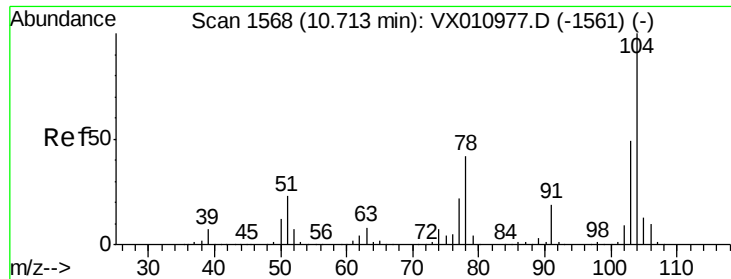
#68
o-Xylene
Concen: 5.088 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion:106 Resp: 21733
Ion Ratio Lower Upper
106 100
91 201.4 104.0 312.0



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

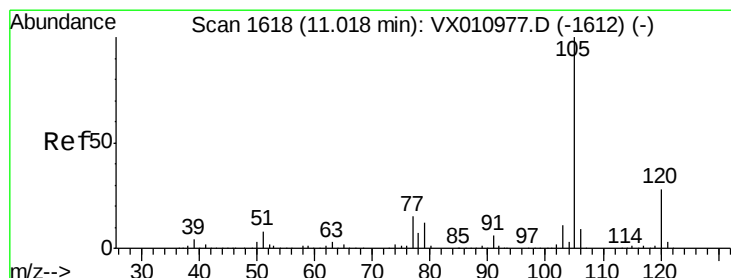
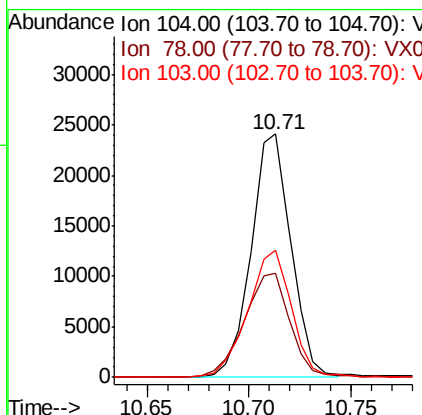
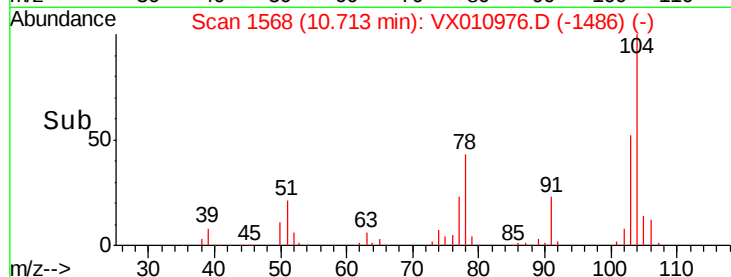
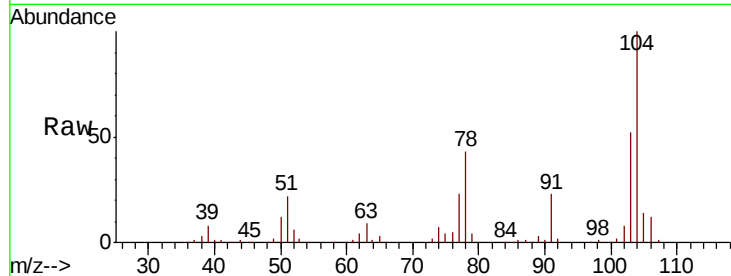




#69
Stvrene
Concen: 4.441 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

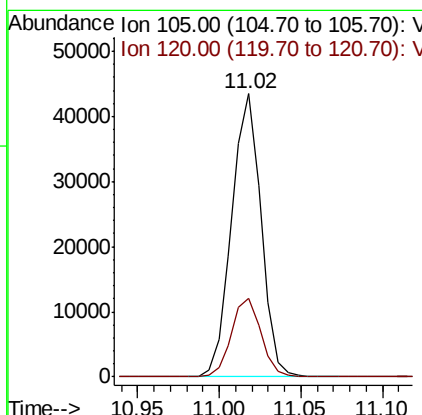
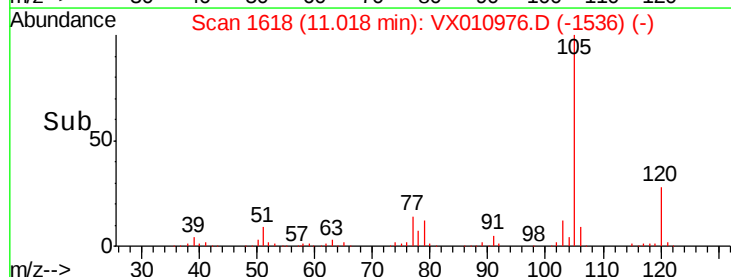
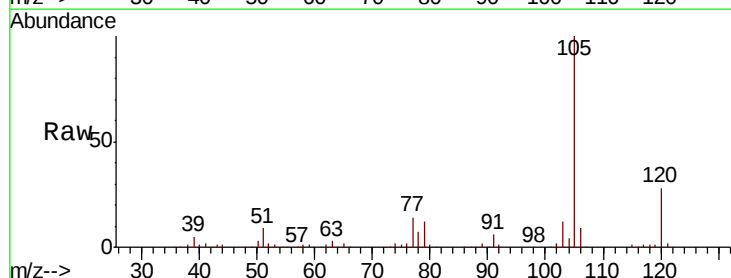
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

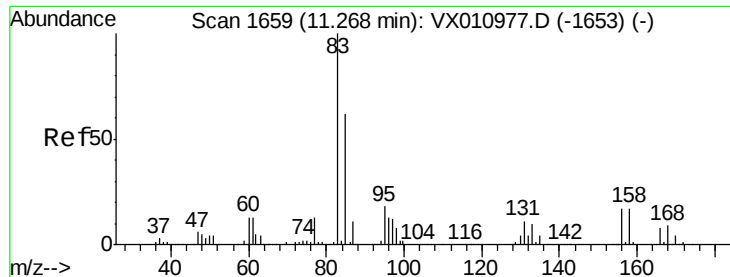
Tot Ion:104 Resp: 32908
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 57.0 44.6 67.0



#70
Isopropylbenzene
Concen: 4.775 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion:105 Resp: 54472
Ion Ratio Lower Upper
105 100
120 27.8 19.4 36.0

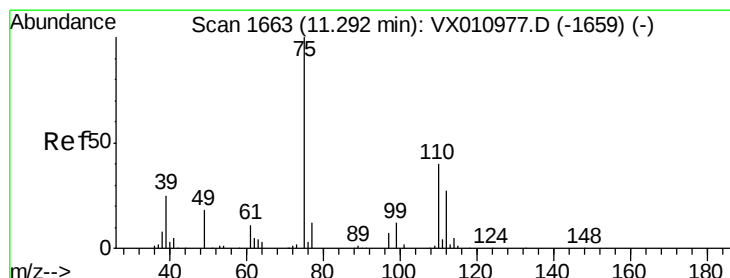
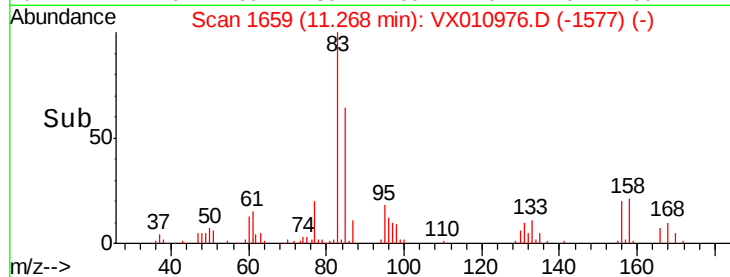
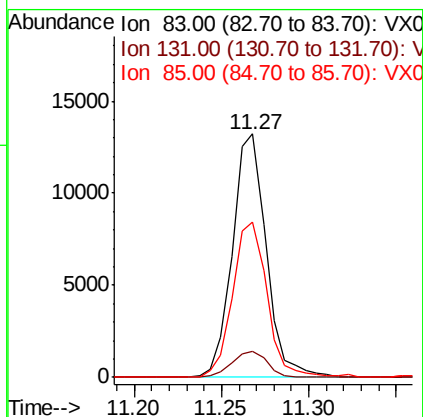
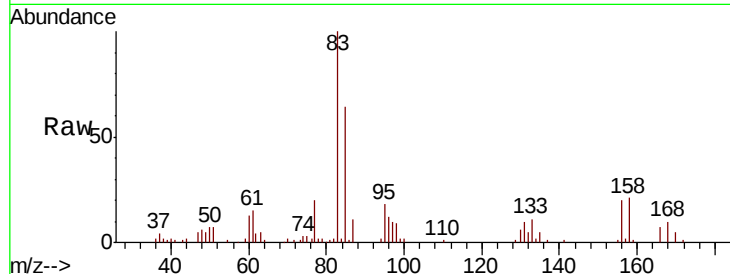




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.363 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

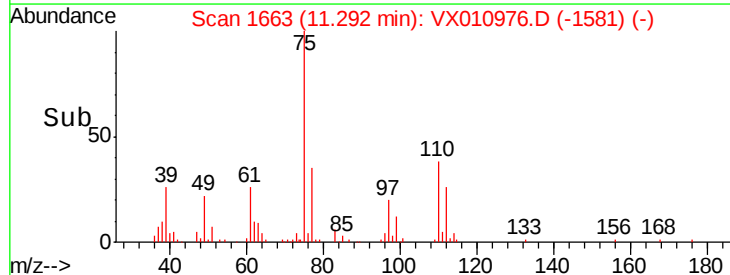
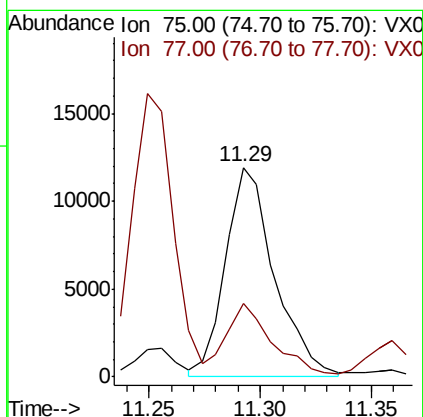
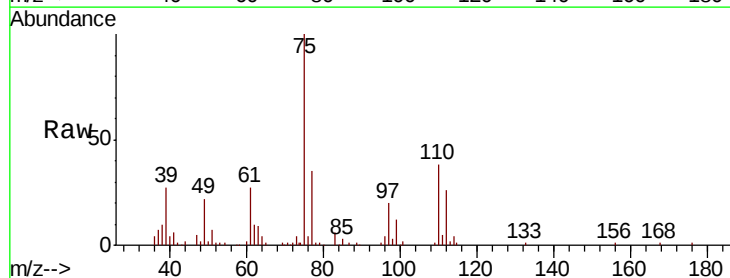
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

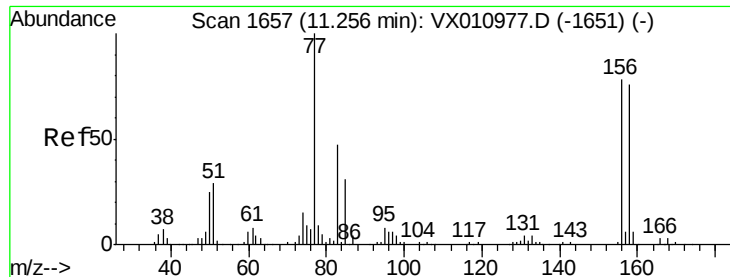
Tot Ion	83	Resp	17865
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	64.8	32.1	96.3



#72
 1,2,3-Trichloropropane
 Concen: 5.248 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	75	Resp	18287
Ion Ratio	Lower	Upper	
75	100		
77	33.9	0.0	84.0





#73

Bromobenzene

Concen: 5.316 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

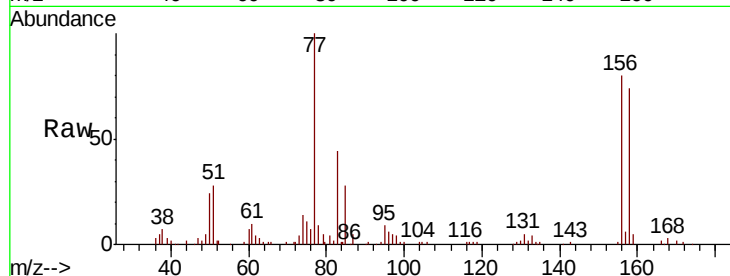
Tot Ion:156 Resp: 15281

Ion Ratio Lower Upper

156 100

77 137.9 0.0 275.8

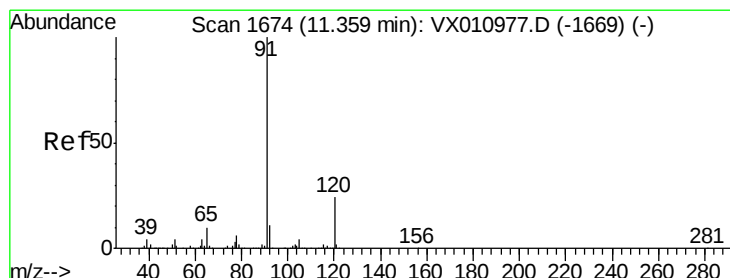
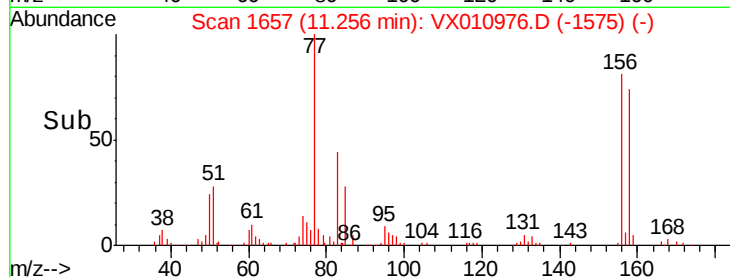
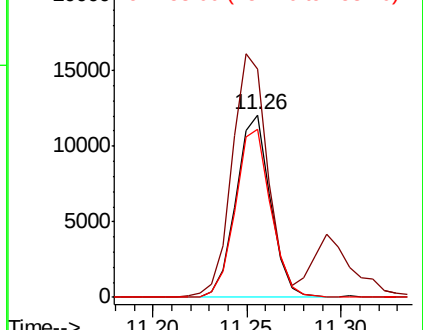
158 95.0 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.583 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010976.D

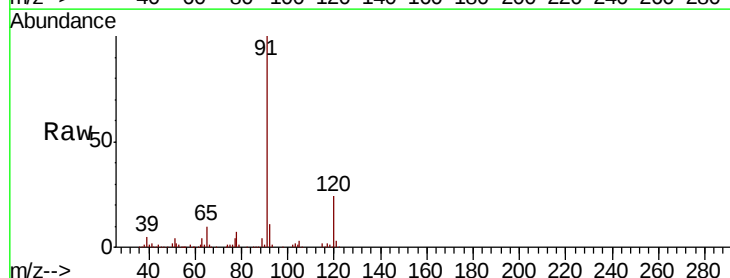
Acq: 18 Jul 2019 22:22

Tgt Ion: 91 Resp: 60281

Ion Ratio Lower Upper

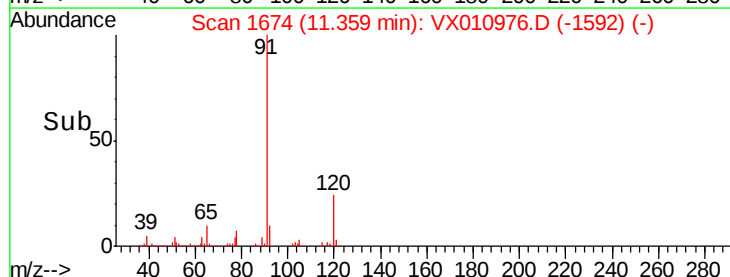
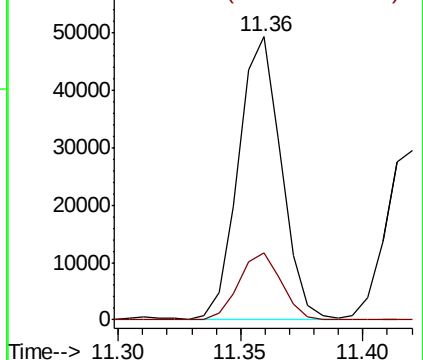
91 100

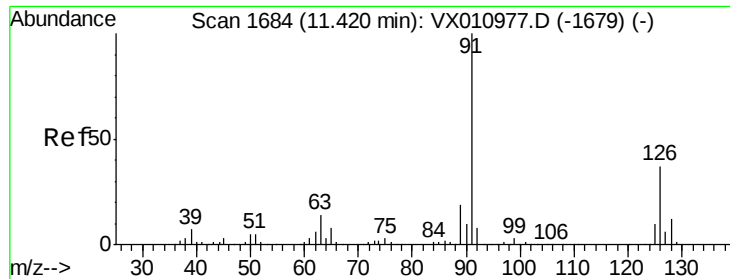
120 23.8 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.802 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampled :

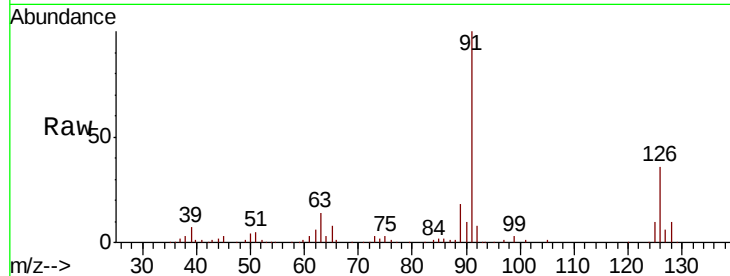
VSTDIC005

Tot Ion: 91 Resp: 37777

Ion Ratio Lower Upper

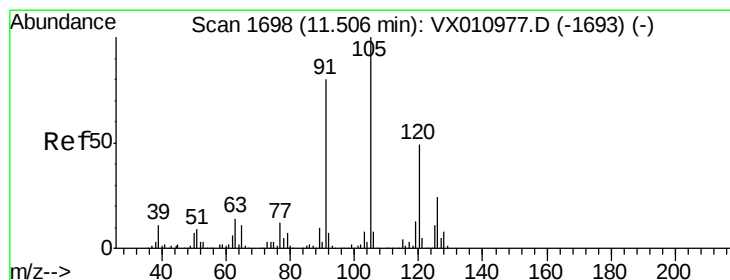
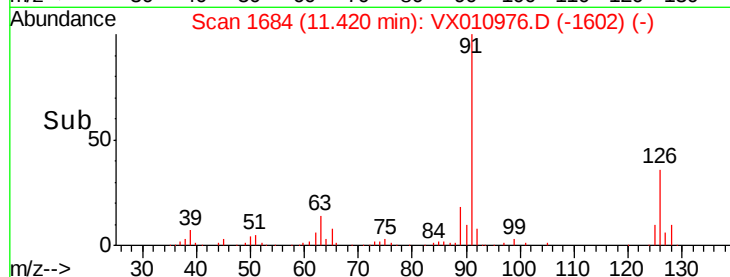
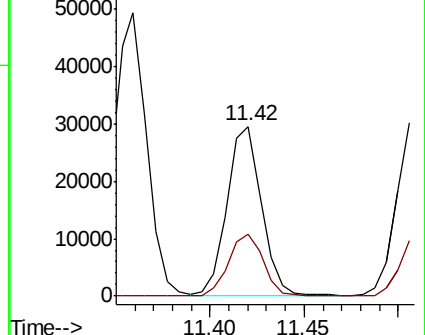
91 100

126 36.5 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VX010977.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX010977.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.697 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010976.D

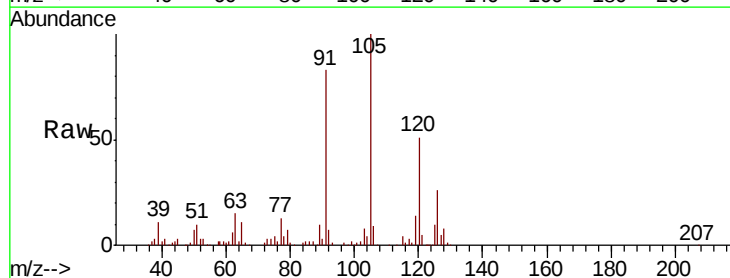
Acq: 18 Jul 2019 22:22

Tgt Ion: 105 Resp: 45487

Ion Ratio Lower Upper

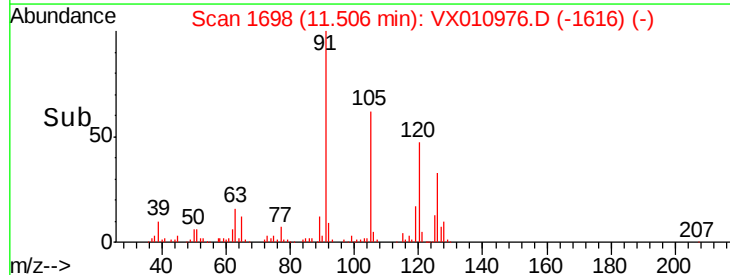
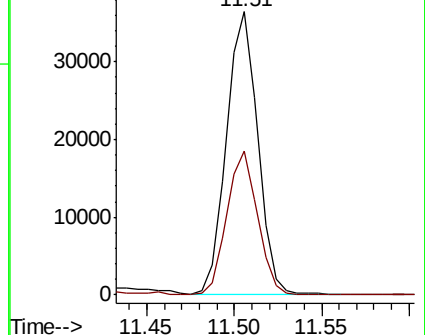
105 100

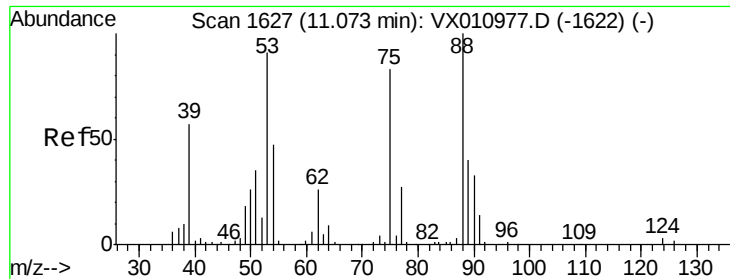
120 49.9 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX010977.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX010977.D (-1693) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 2.392 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

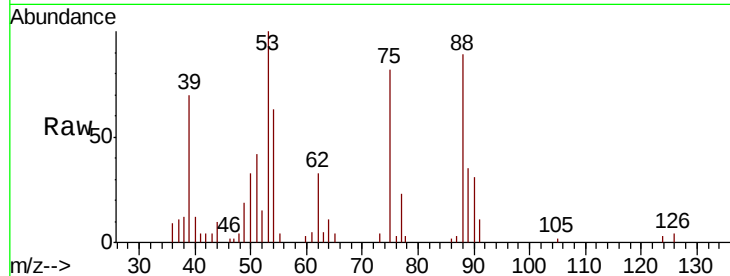
Tot Ion: 75 Resp: 3249

Ion Ratio Lower Upper

75 100

53 117.8 54.8 164.3

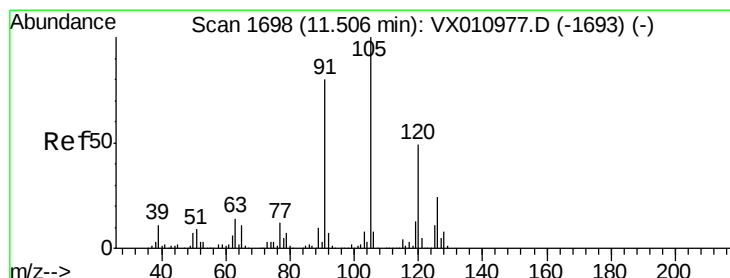
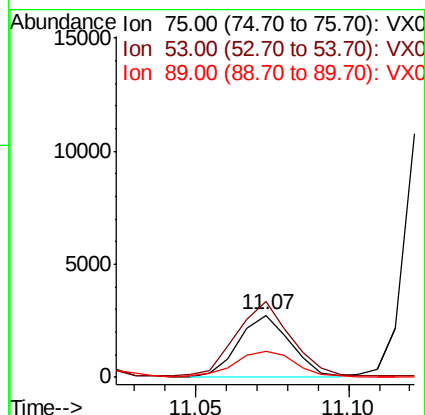
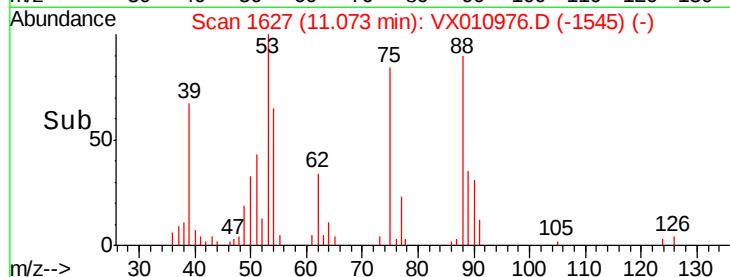
89 39.8 24.6 73.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 4.682 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010976.D

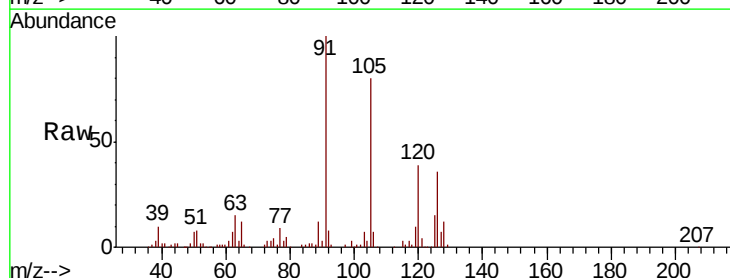
Acq: 18 Jul 2019 22:22

Tgt Ion: 91 Resp: 41964

Ion Ratio Lower Upper

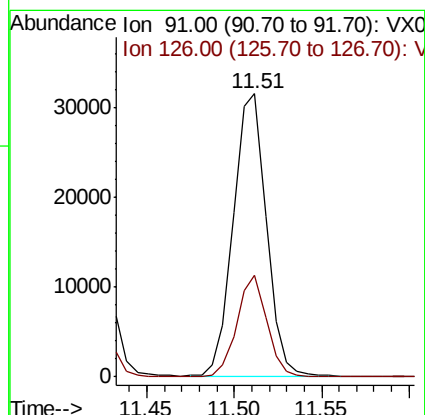
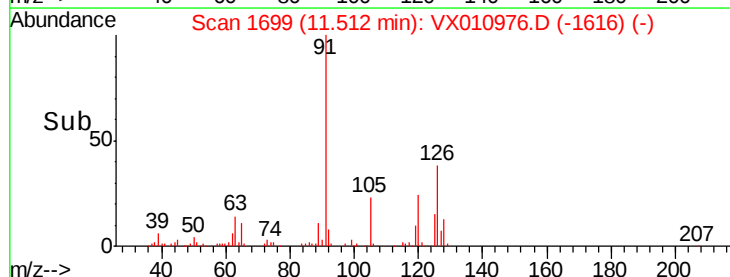
91 100

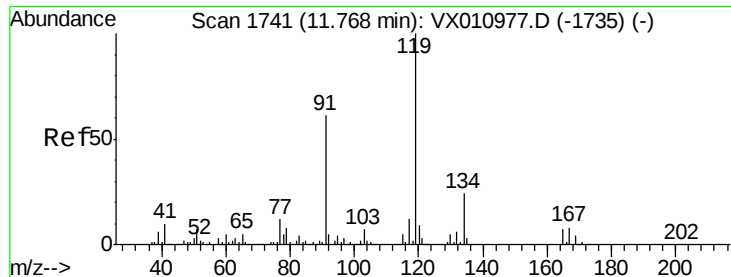
126 31.7 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 4.709 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

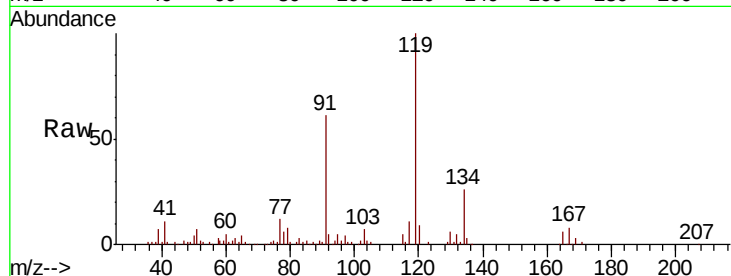
Tot Ion:119 Resp: 43995

Ion Ratio Lower Upper

119 100

91 59.9 0.0 118.4

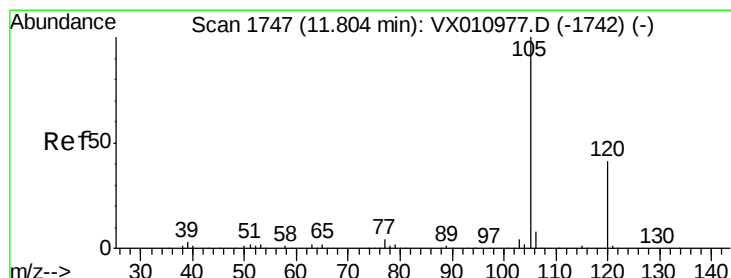
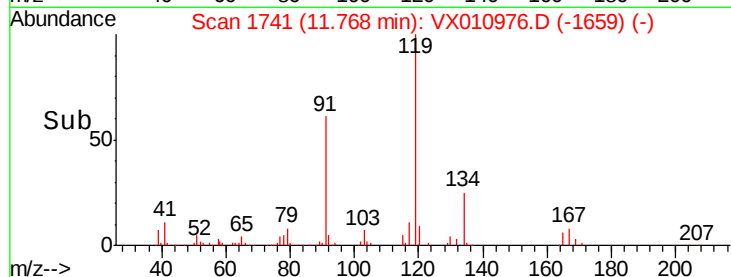
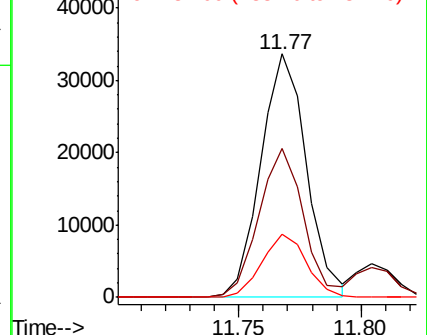
134 25.4 0.0 47.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 4.796 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010976.D

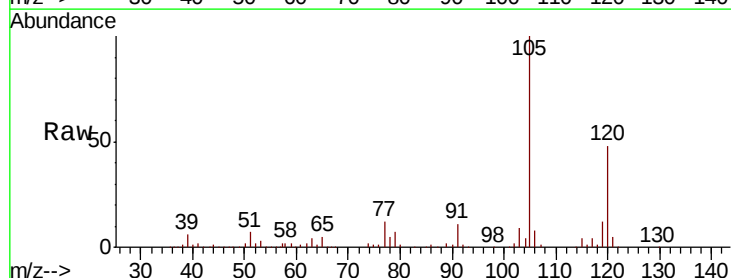
Acq: 18 Jul 2019 22:22

Tgt Ion:105 Resp: 46604

Ion Ratio Lower Upper

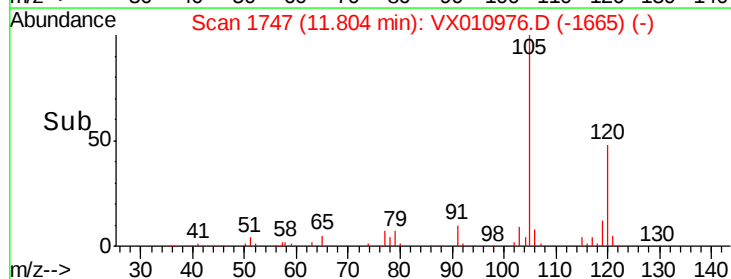
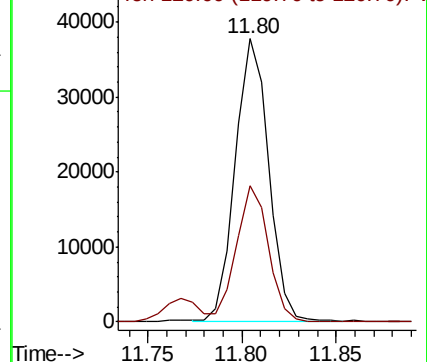
105 100

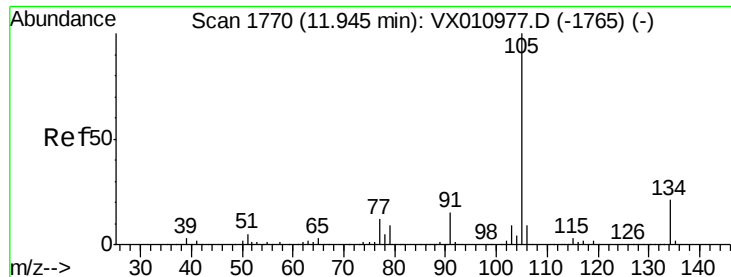
120 46.6 0.0 91.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

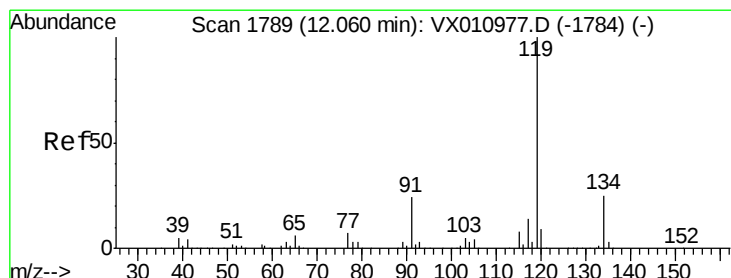
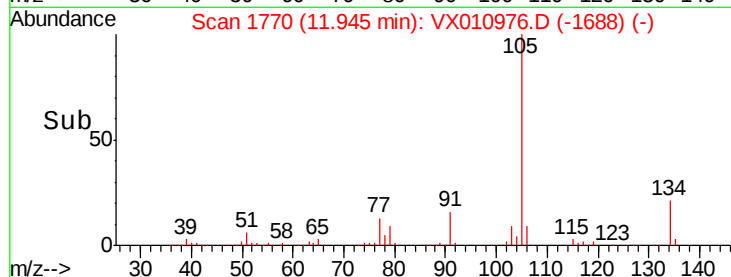
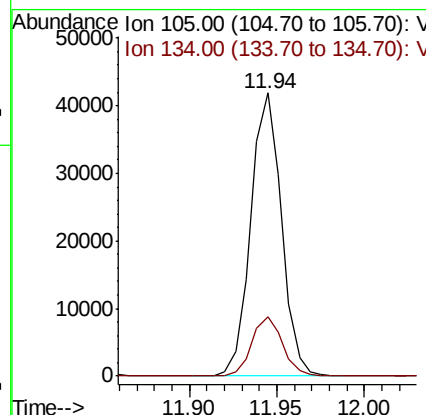
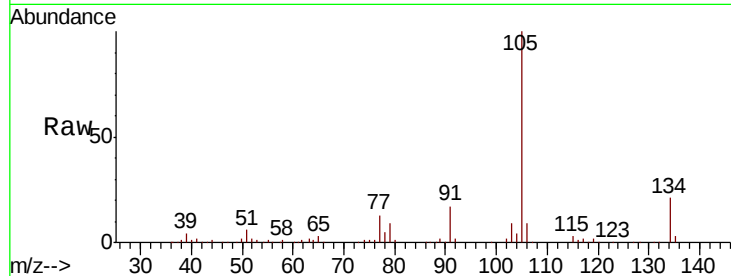




#81
 sec-Butylbenzene
 Concen: 4.588 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

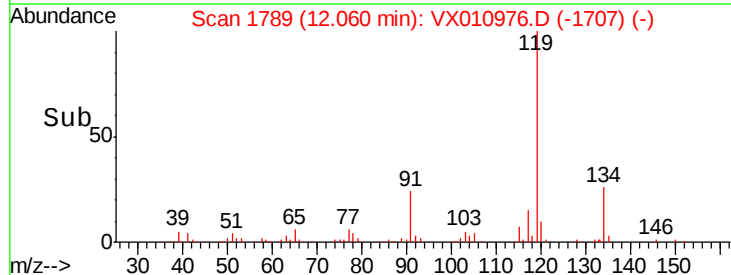
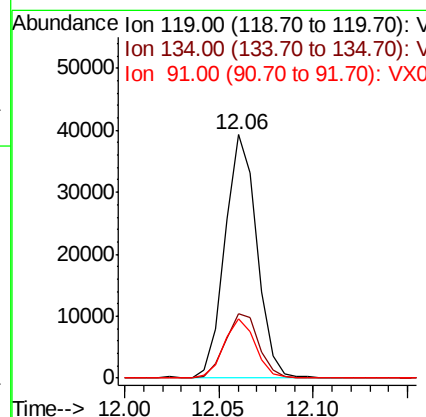
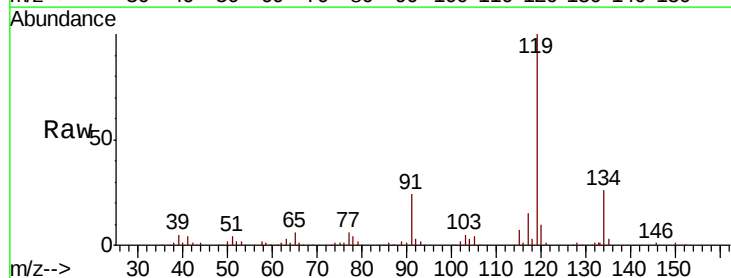
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

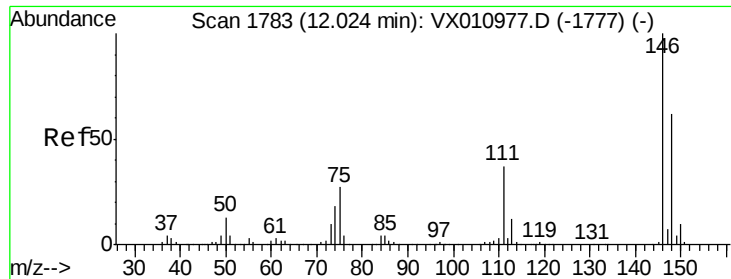
Tot Ion:105 Resp: 50989
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 4.553 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion:119 Resp: 46207
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 52.8
 91 23.8 0.0 47.0





#83

1,3-Dichlorobenzene

Concen: 4.992 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

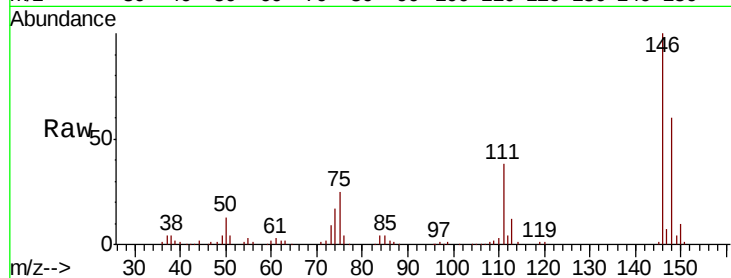
Tot Ion:146 Resp: 25655

Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.9

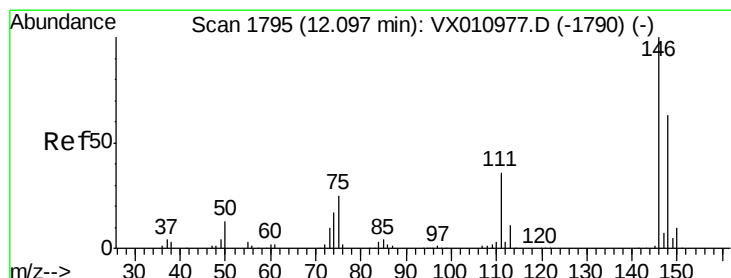
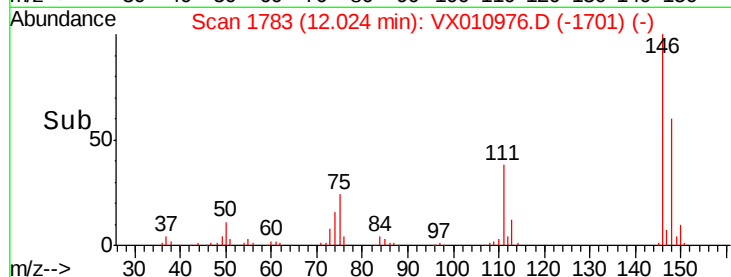
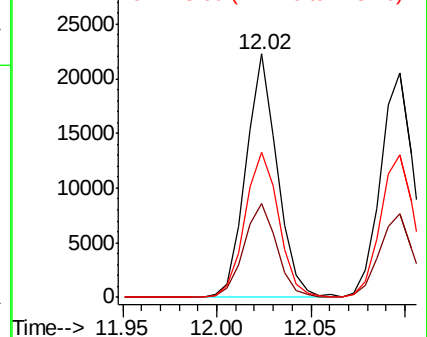
148 64.1 31.4 94.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 4.837 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

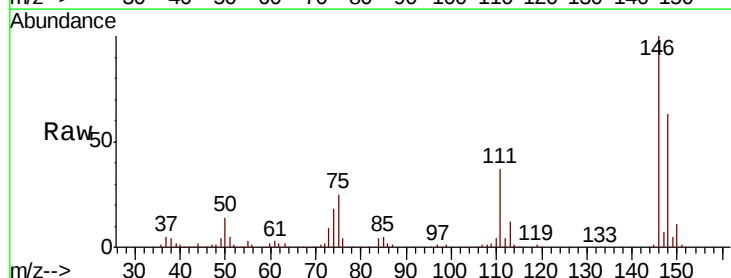
Tgt Ion:146 Resp: 24849

Ion Ratio Lower Upper

146 100

111 37.9 18.5 55.5

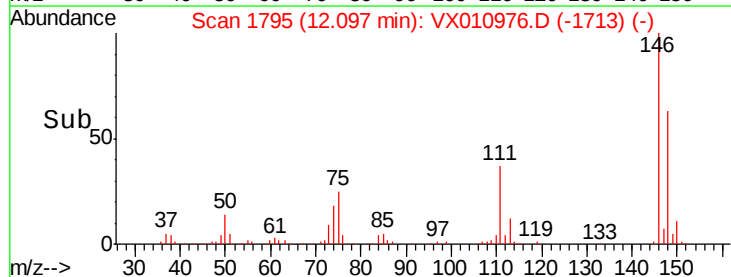
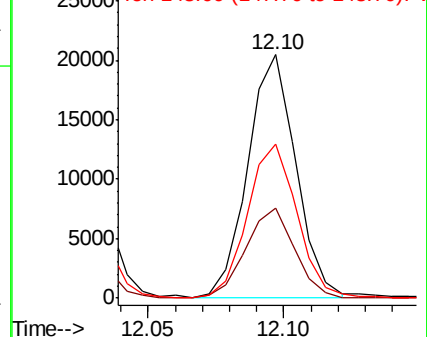
148 66.1 32.0 96.0

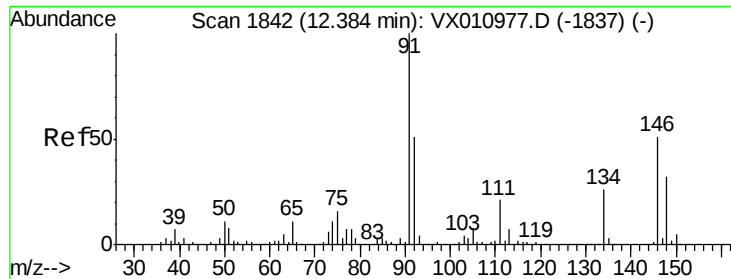


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

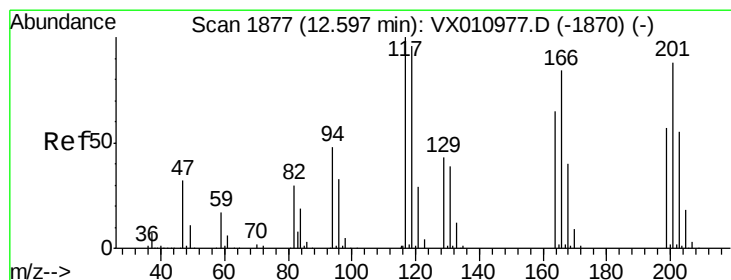
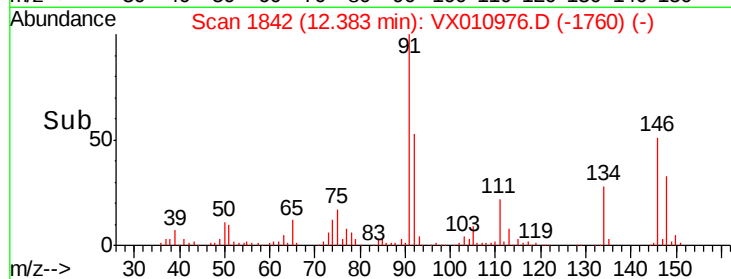
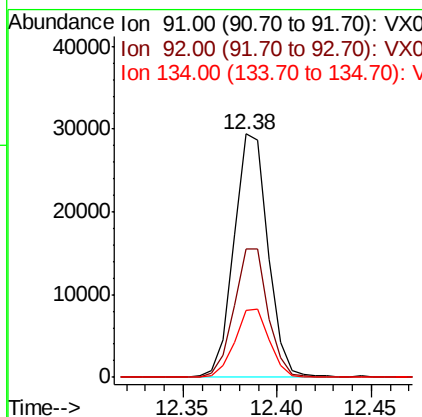
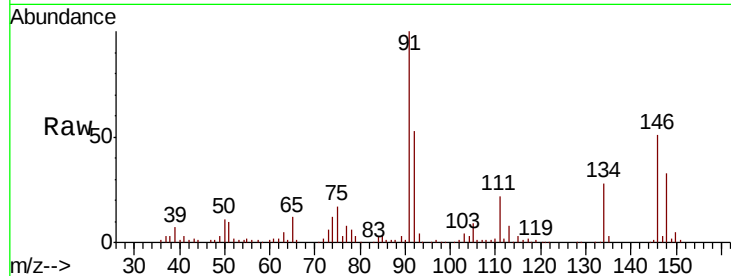




#85
n-Butylbenzene
Concen: 4.019 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

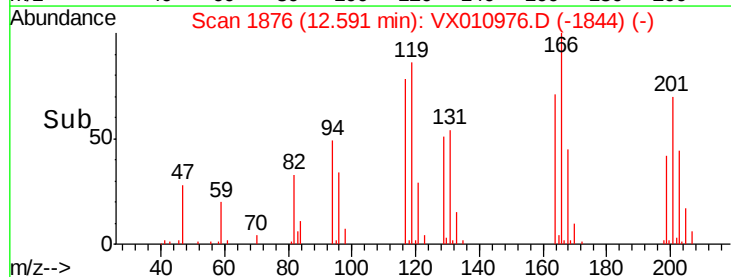
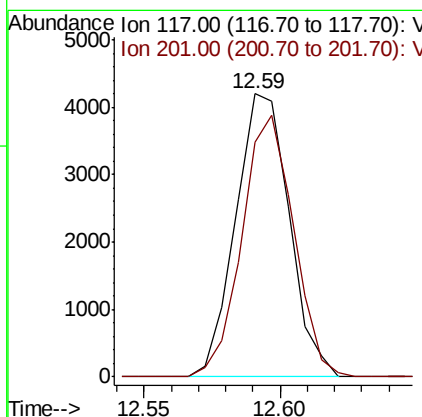
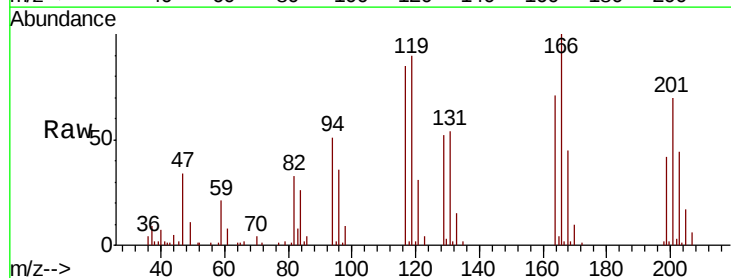
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

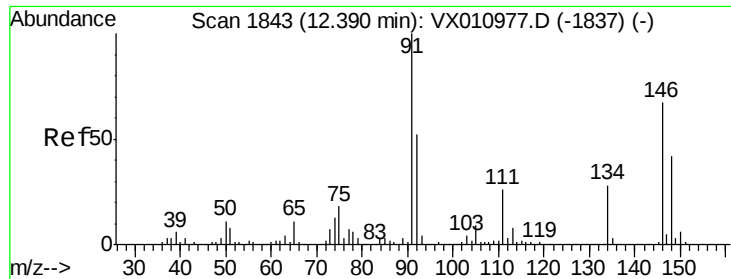
Tot Ion: 91 Resp: 36897
Ion Ratio Lower Upper
91 100
92 52.6 0.0 103.6
134 28.5 0.0 54.2



#86
Hexachloroethane
Concen: 3.432 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 117 Resp: 5744
Ion Ratio Lower Upper
117 100
201 88.8 42.1 126.3

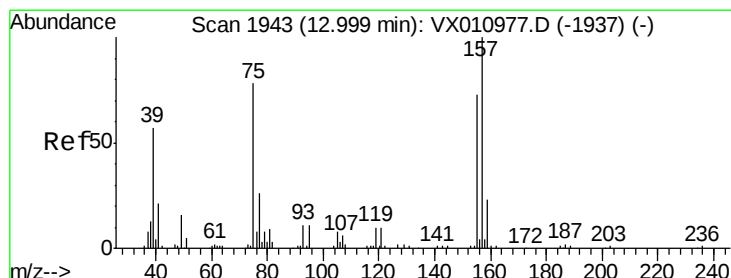
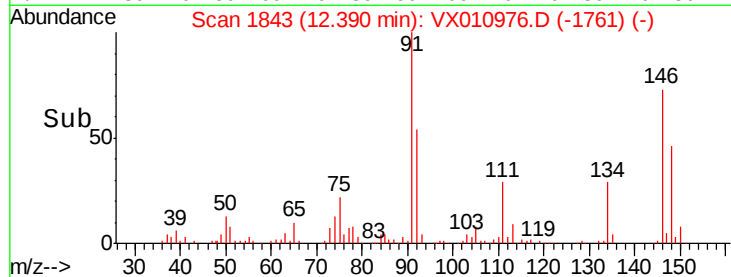
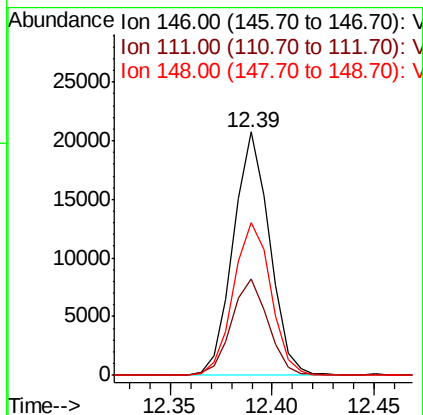
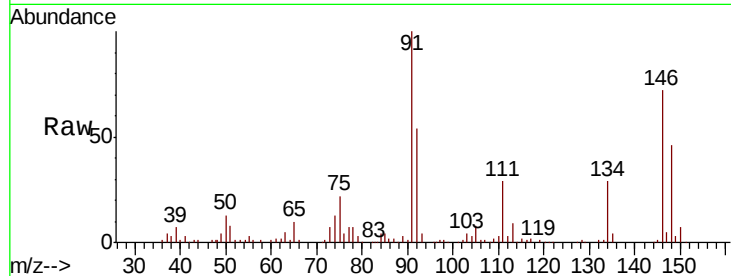




#87
 1,2-Dichlorobenzene
 Concen: 4.945 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

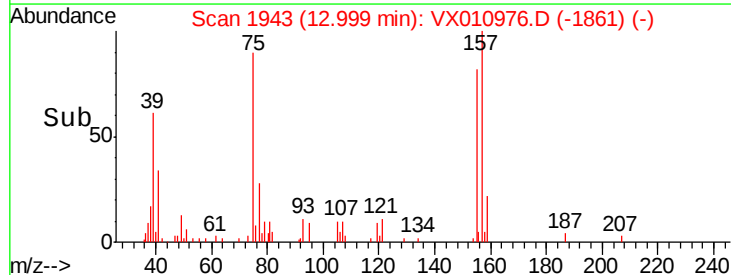
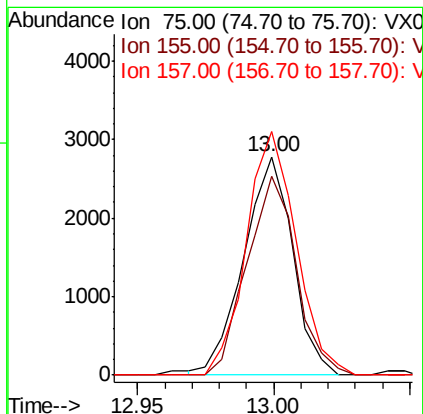
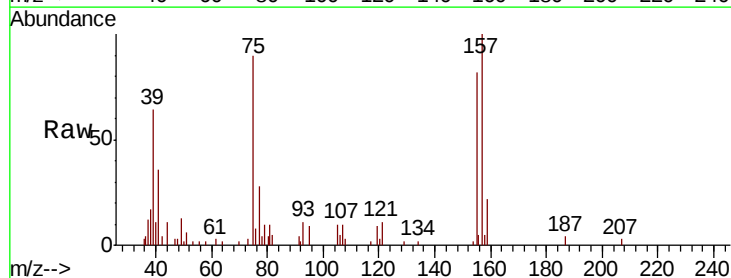
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

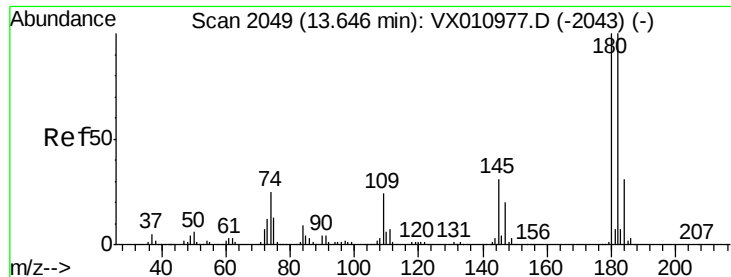
Tot Ion:146 Resp: 25582
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.5 58.5
 148 64.8 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 3.708 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion: 75 Resp: 3475
 Ion Ratio Lower Upper
 75 100
 155 91.4 76.6 115.0
 157 113.6 101.0 151.4

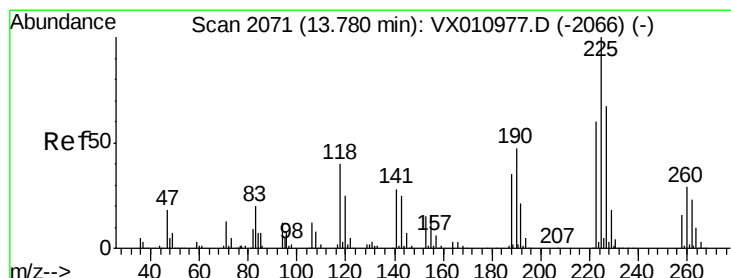
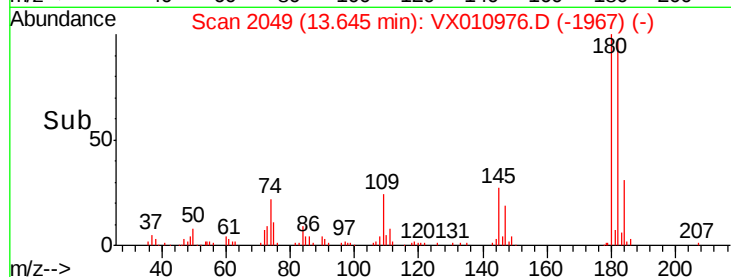
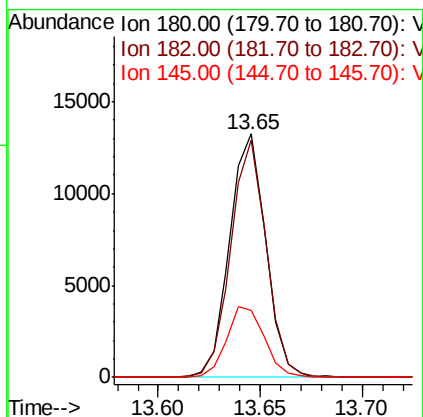
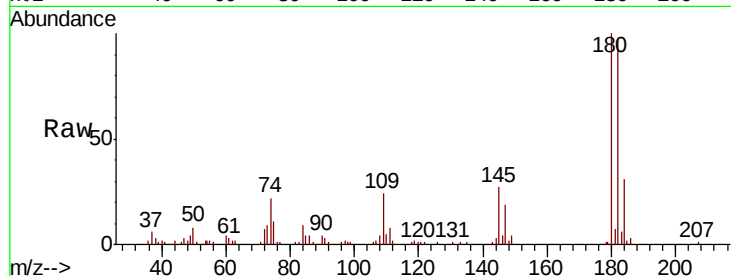




#89
1,2,4-Trichlorobenzene
Concen: 4.458 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

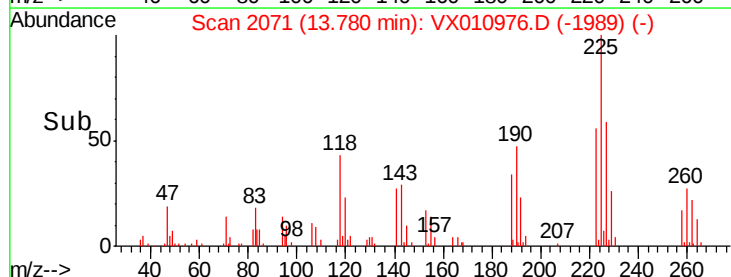
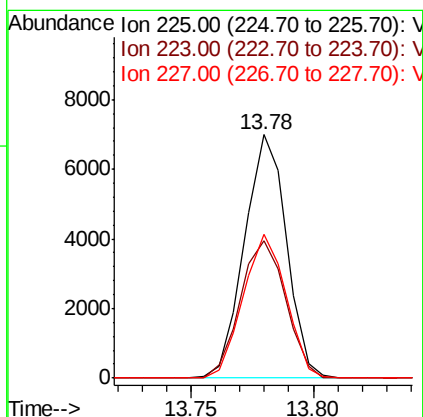
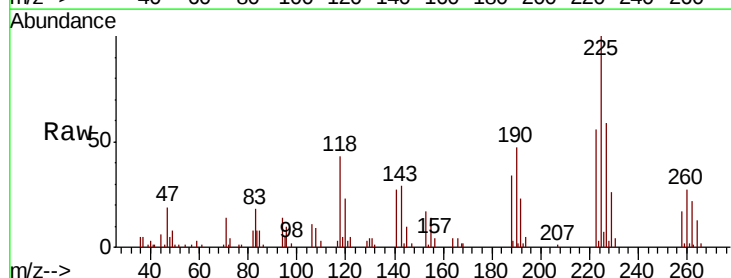
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

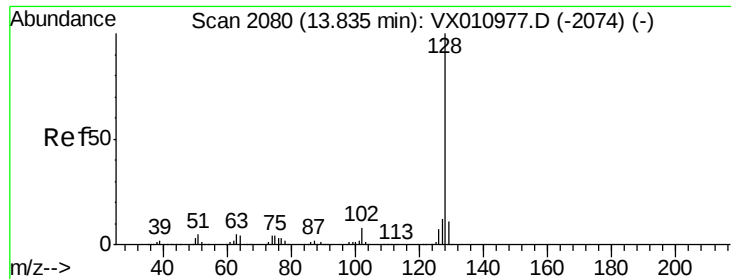
Tot Ion:180 Resp: 16278
Ion Ratio Lower Upper
180 100
182 95.6 77.6 116.4
145 30.3 23.8 35.6



#90
Hexachlorobutadiene
Concen: 4.614 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion:225 Resp: 8370
Ion Ratio Lower Upper
225 100
223 60.6 0.0 121.4
227 60.3 0.0 126.6

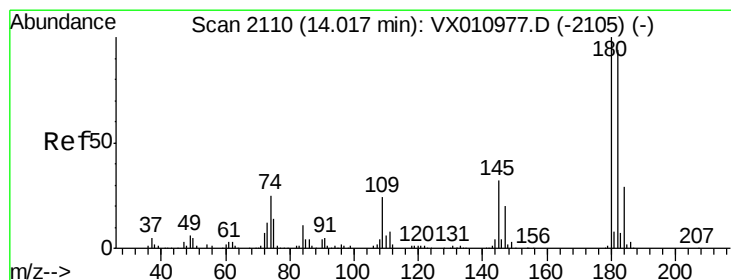
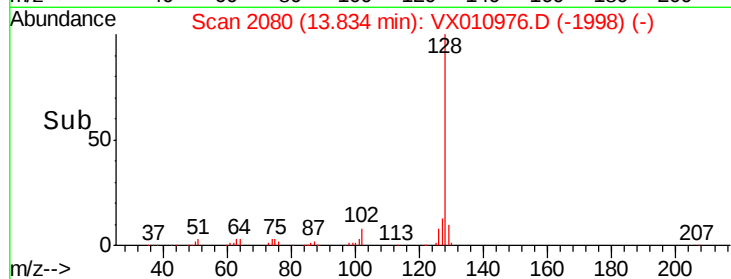
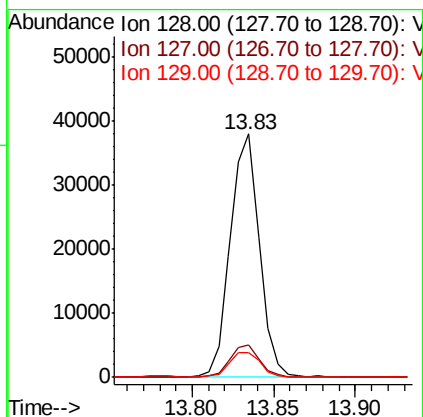
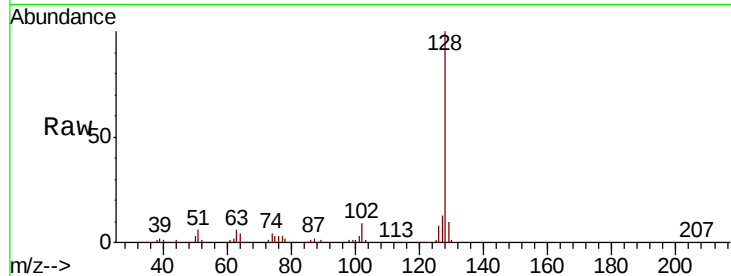




#91
Naphthalene
Concen: 4.012 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 47268
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.2 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 4.519 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion:180 Resp: 16688
Ion Ratio Lower Upper
180 100
182 93.3 0.0 190.2
145 32.0 0.0 63.8

