

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010989.D
 Acq On : 19 Jul 2019 03:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jul 19 04:13:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	38187	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	207848	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	189041	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	74972	28.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.53%
60) 4-Bromofluorobenzene	11.13	95	89891	28.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.30%
63) Toluene-d8	8.71	98	254579	30.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	51314	20.325 ug/l	96
3) Chloromethane	1.33	50	43822	19.739 ug/l	99
4) Vinyl Chloride	1.41	62	47853	20.670 ug/l	97
5) Bromomethane	1.64	94	20126	15.792 ug/l	95
6) Chloroethane	1.73	64	31550	23.035 ug/l	91
7) Trichlorofluoromethane	1.93	101	77303	20.105 ug/l	94
8) Diethyl Ether	2.19	74	25117	19.892 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42088	19.805 ug/l	98
10) 1,1-Dichloroethene	2.37	96	41612	19.484 ug/l	98
11) Methyl Iodide	2.51	142	29974	10.451 ug/l	95
12) Methyl Acetate	2.78	43	91993	30.669 ug/l	99
13) Acrolein	2.29	56	22707	63.137 ug/l	96
14) Acrylonitrile	3.14	53	119628	101.901 ug/l	100
15) Acetone	2.44	58	33688	103.051 ug/l	98
16) Carbon Disulfide	2.57	76	109792	20.007 ug/l	99
17) Allyl chloride	2.73	41	59946	19.389 ug/l	99
18) Methylene Chloride	2.85	84	47936	20.158 ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	44524	19.735 ug/l	99
20) Diisopropyl ether	3.85	45	127812	19.582 ug/l	93
21) 1,1-Dichloroethane	3.70	63	74573	19.854 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	51225	19.742 ug/l	98
23) tert-Butyl Alcohol	3.04	59	61002	99.523 ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	135110	19.707 ug/l	100
25) Chloroform	5.21	83	79637	19.358 ug/l	100
26) Cyclohexane	5.58	56	67193	19.549 ug/l #	96
29) 1,1-Dichloropropene	5.80	75	58134	19.889 ug/l	100
30) 2-Butanone	4.67	43	160360	101.636 ug/l	100
31) 2,2-Dichloropropane	4.59	77	41977	16.452 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	67809	19.237 ug/l	99
33) Carbon Tetrachloride	5.78	117	59076	19.276 ug/l	95
34) Benzene	6.14	78	179810	20.507 ug/l	99
35) Methacrylonitrile	5.04	41	33048	20.120 ug/l	98
36) 1,2-Dichloroethane	6.20	62	62363	19.892 ug/l #	88
37) Trichloroethene	7.21	130	52851	20.589 ug/l	96
38) Methylcyclohexane	7.46	83	71845	19.476 ug/l	100
39) 1,2-Dichloropropane	7.51	63	45678	20.842 ug/l	95
40) Dibromomethane	7.66	93	32530	20.181 ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	56892	19.391	ug/l	100
42) Vinyl Acetate	3.81	43	419061	80.615	ug/l	99
43) Ethyl Acetate	4.84	43	55276	18.251	ug/l	98
44) Isopropyl Acetate	6.45	43	87044	17.645	ug/l	98
45) 1,4-Dioxane	7.74	88	26095	406.419	ug/l	97
46) Methyl methacrylate	7.77	41	47181	19.705	ug/l	99
47) n-amyl Acetate	10.90	43	70050	15.833	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	55438	17.929	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	64298	19.055	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	47896	20.303	ug/l	99
51) Ethyl methacrylate	9.18	69	71556	19.613	ug/l	97
52) 1,3-Dichloropropane	9.37	76	76254	20.115	ug/l	98
53) Dibromochloromethane	9.58	129	47755	18.744	ug/l	97
54) 1,2-Dibromoethane	9.67	107	51609	20.131	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	148079	95.842	ug/l	99
56) Bromoform	10.85	173	33421	17.613	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	321593	100.732	ug/l	100
59) 2-Hexanone	9.49	43	249000	101.924	ug/l	99
61) Tetrachloroethene	9.34	164	51766	20.740	ug/l	95
62) Toluene	8.78	91	203446	20.258	ug/l	99
64) Chlorobenzene	10.14	112	130128	20.224	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	44838	19.174	ug/l	97
66) Ethyl Benzene	10.25	91	225053	19.907	ug/l	97
67) m/p-Xylenes	10.36	106	172026	39.771	ug/l	99
68) o-Xylene	10.69	106	83822	19.778	ug/l	99
69) Styrene	10.71	104	141457	19.856	ug/l	99
70) Isopropylbenzene	11.02	105	224352	19.879	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	74385	20.441	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	71389	23.503	ug/l	86
73) Bromobenzene	11.26	156	60687	19.930	ug/l	98
74) n-propylbenzene	11.36	91	249032	19.606	ug/l	100
75) 2-Chlorotoluene	11.42	91	149863	19.810	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	187107	19.587	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	12594	12.566	ug/l	97
78) 4-Chlorotoluene	11.51	91	170742	19.652	ug/l	99
79) tert-butylbenzene	11.77	119	182470	19.693	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	188575	19.603	ug/l	100
81) sec-Butylbenzene	11.94	105	215645	19.744	ug/l	99
82) p-Isopropyltoluene	12.06	119	199360	19.670	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	105424	19.612	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	104706	19.597	ug/l	99
85) n-Butylbenzene	12.38	91	164933	19.110	ug/l	99
86) Hexachloroethane	12.60	117	25956	16.238	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	104961	19.943	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14307	17.858	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	70675	19.469	ug/l	97
90) Hexachlorobutadiene	13.78	225	33182	18.905	ug/l	98
91) Naphthalene	13.83	128	220187	19.879	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	71761	19.723	ug/l	100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:27:28 2019
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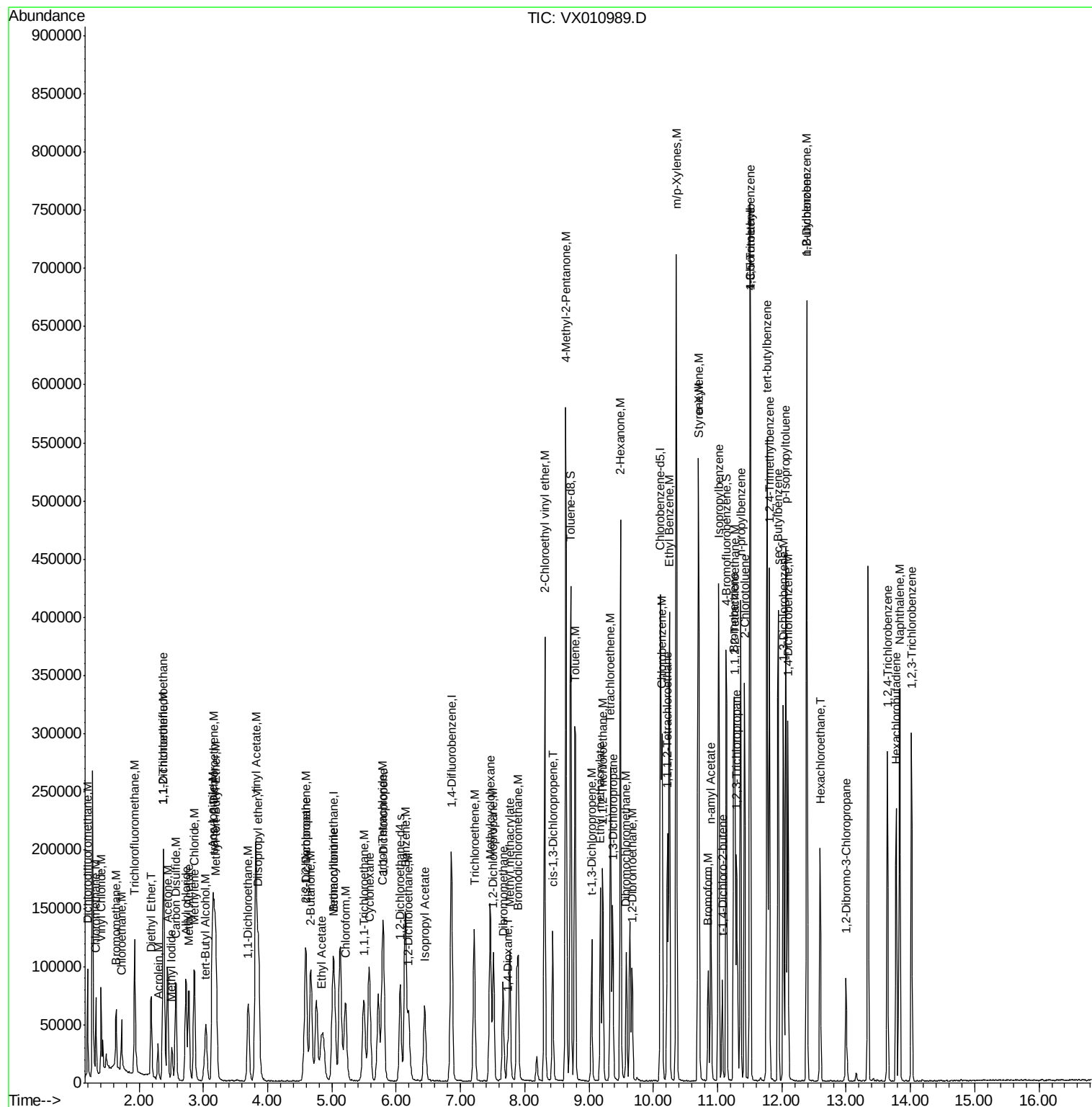
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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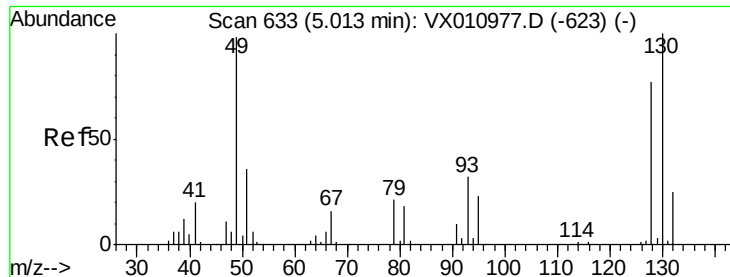
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071919\
Data File : VX010989.D
Acq On : 19 Jul 2019 03:48
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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: Jul 19 04:13:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:27:28 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

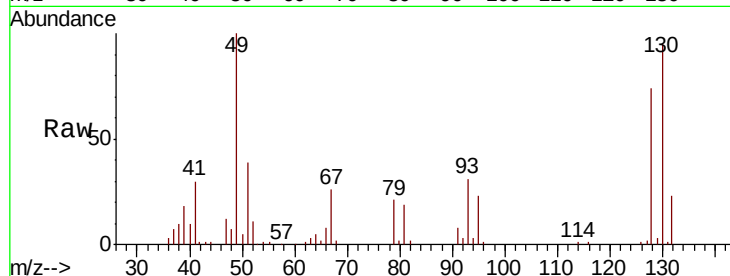
Tot Ion:128 Resp: 38187

Ion Ratio Lower Upper

128 100

49 134.2 0.0 343.5

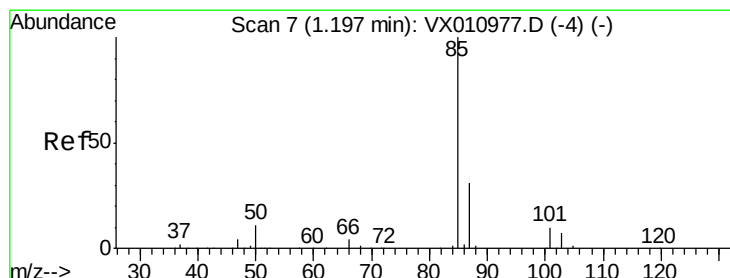
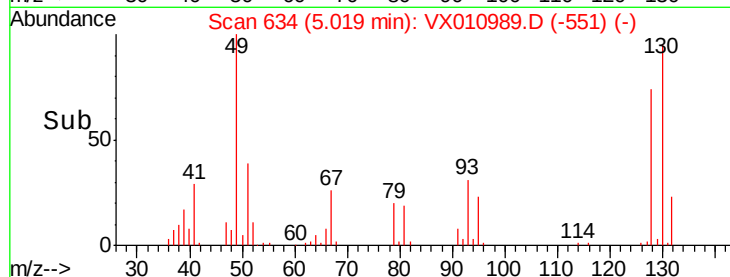
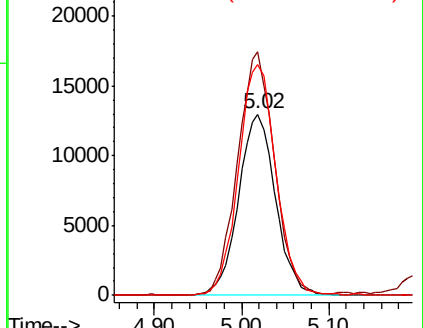
130 128.5 0.0 324.7



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: 20.325 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010989.D

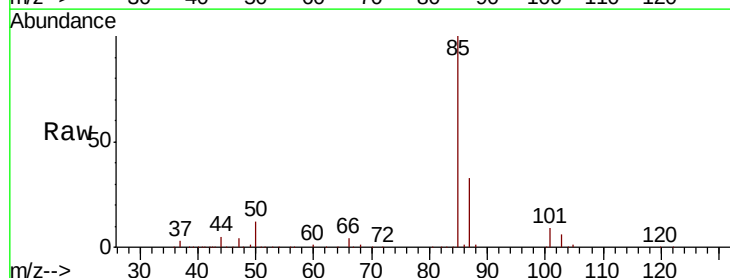
Acq: 19 Jul 2019 03:48

Tgt Ion: 85 Resp: 51314

Ion Ratio Lower Upper

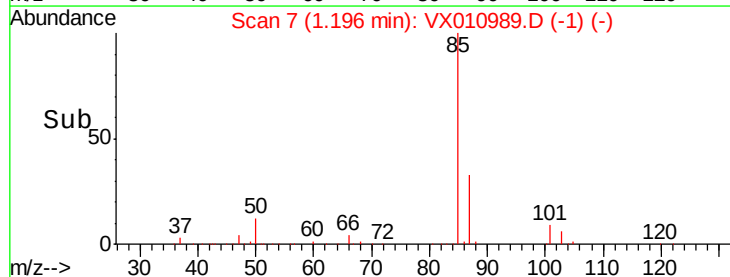
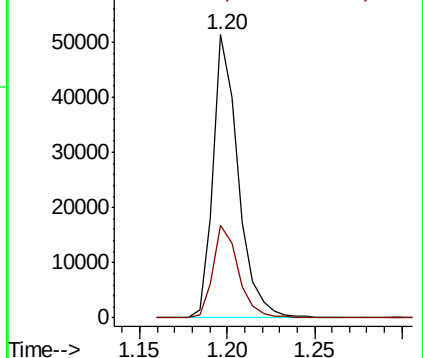
85 100

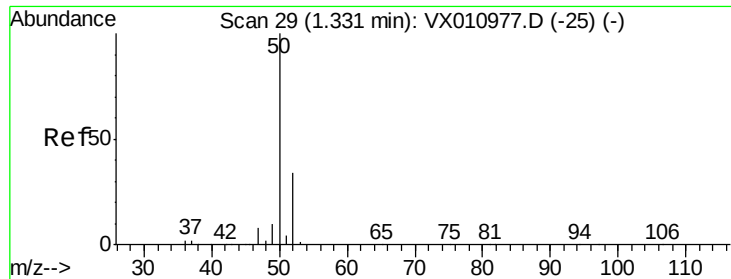
87 32.8 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.739 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

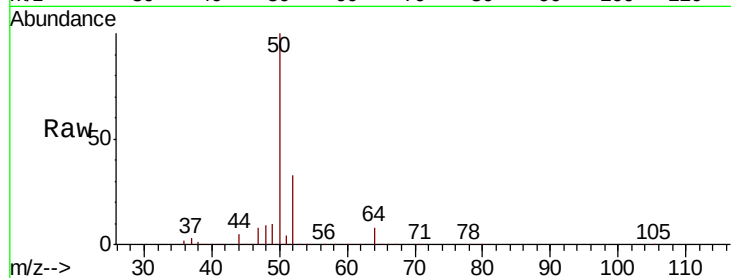
VSTDCCC020EC

Tot Ion: 50 Resp: 43822

Ion Ratio Lower Upper

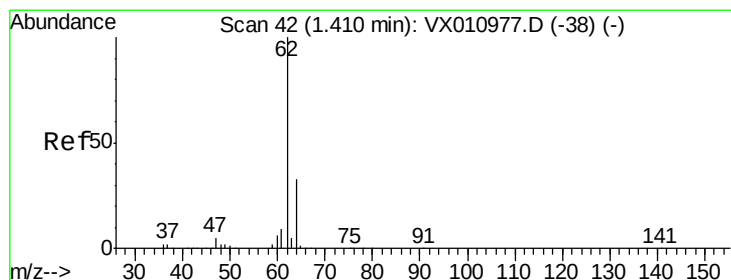
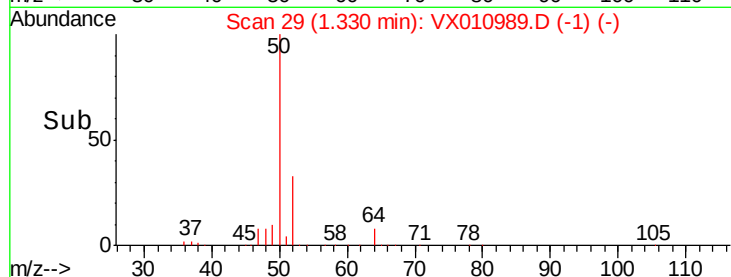
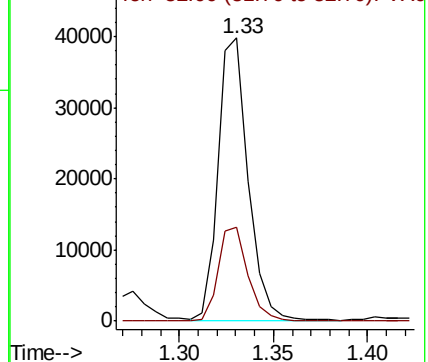
50 100

52 33.3 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: 20.670 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010989.D

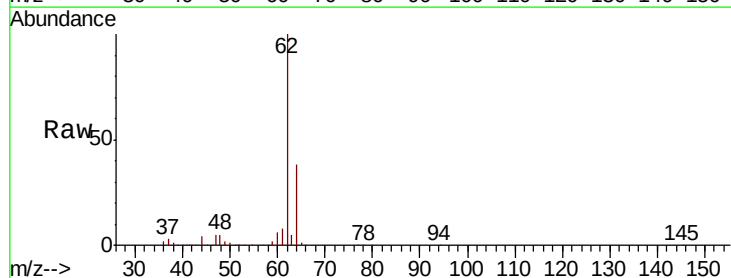
Acq: 19 Jul 2019 03:48

Tgt Ion: 62 Resp: 47853

Ion Ratio Lower Upper

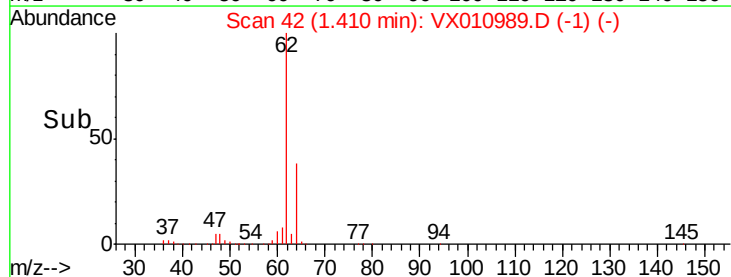
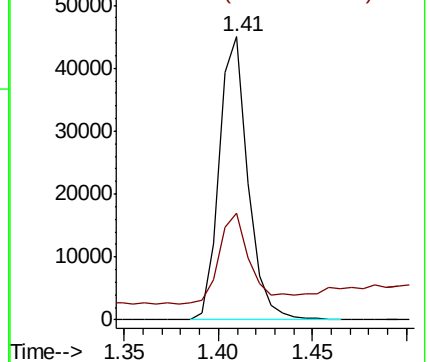
62 100

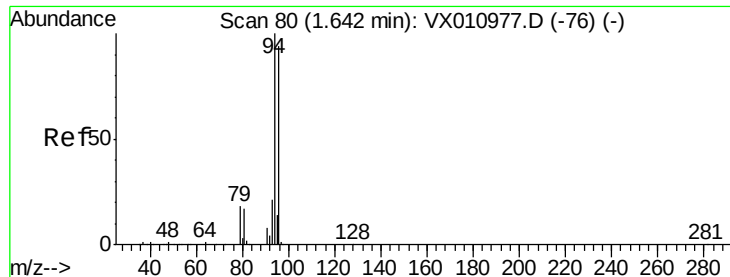
64 31.6 26.8 40.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 15.792 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

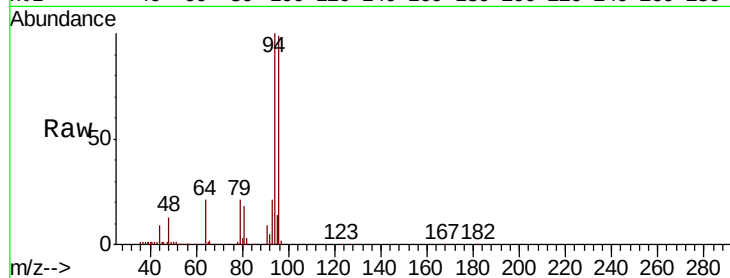
VSTDCCC020EC

Tot Ion: 94 Resp: 20126

Ion Ratio Lower Upper

94 100

96 98.8 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

20000

15000

10000

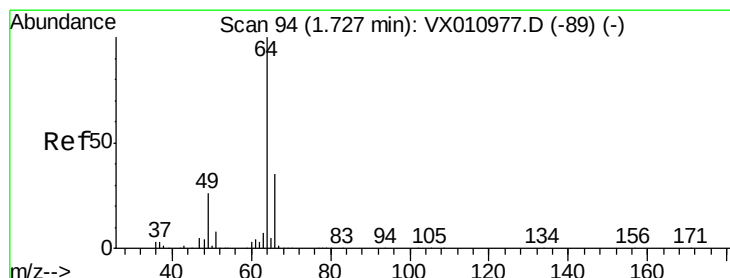
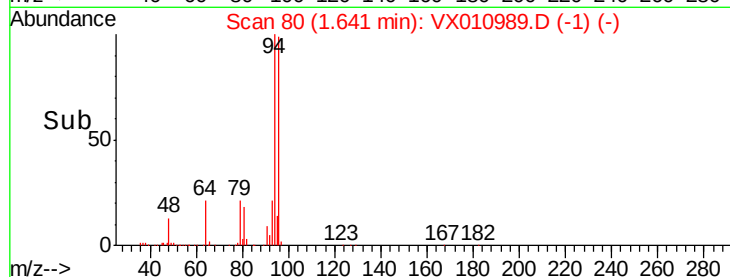
5000

0

Time-->

1.60

1.65



#6

Chloroethane

Concen: 23.035 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX010989.D

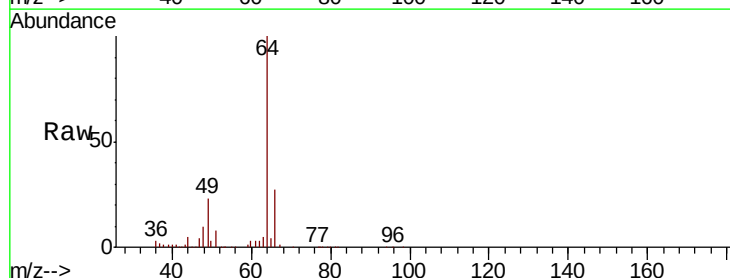
Acq: 19 Jul 2019 03:48

Tgt Ion: 64 Resp: 31550

Ion Ratio Lower Upper

64 100

66 30.1 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

30000

25000

20000

15000

10000

5000

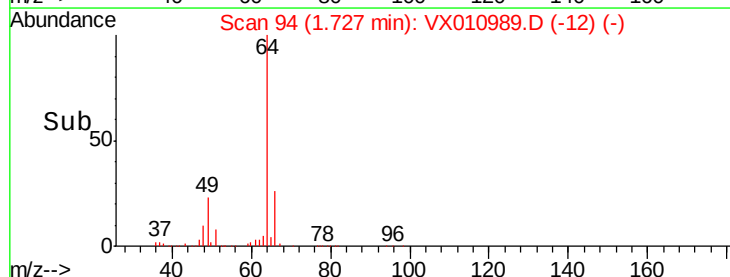
0

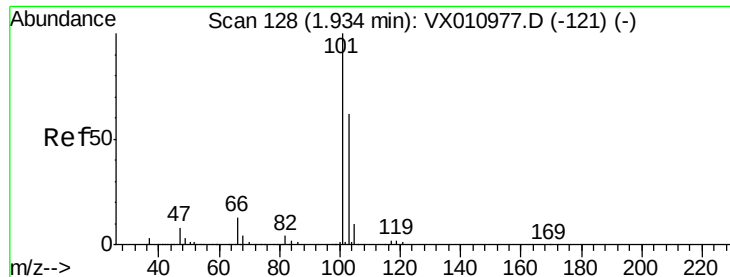
Time-->

1.70

1.75

1.80



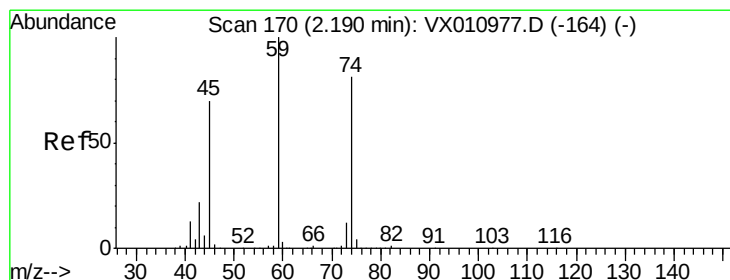
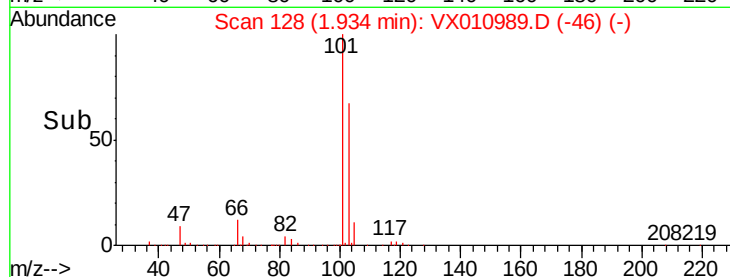
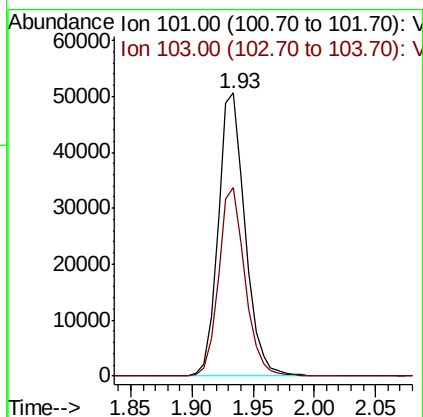
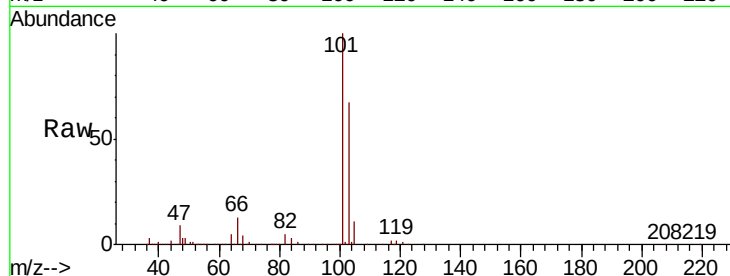


#7

Trichlorofluoromethane
Concen: 20.105 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

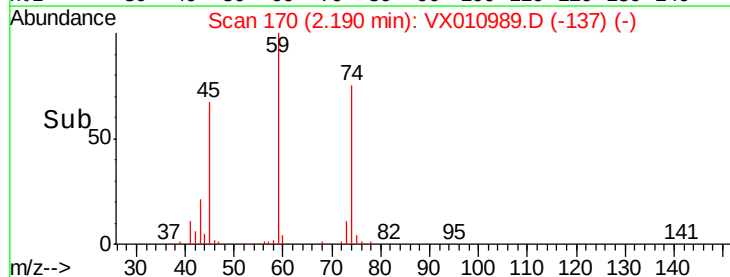
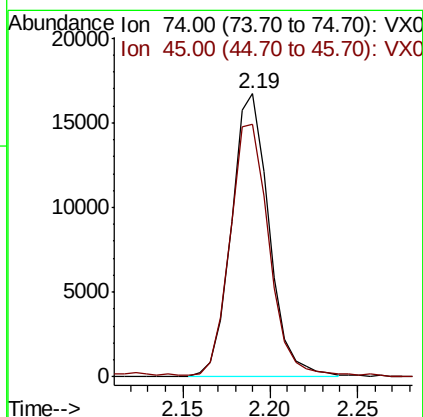
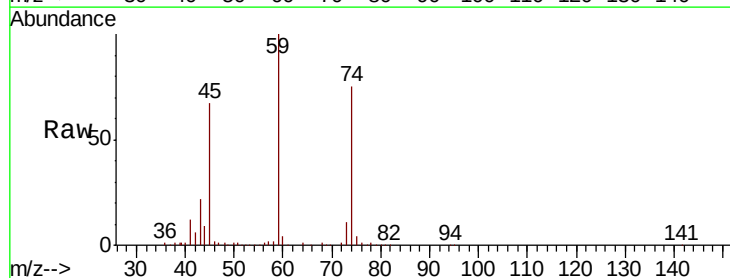
Tot Ion:101 Resp: 77303
Ion Ratio Lower Upper
101 100
103 66.9 49.6 74.4

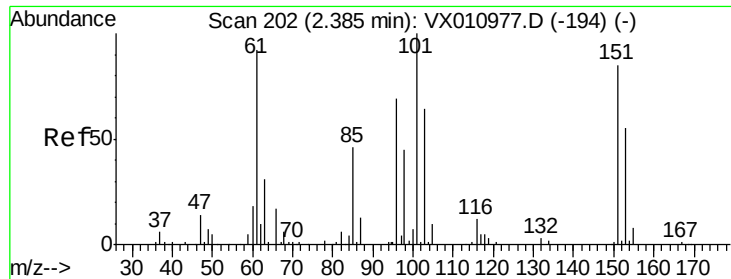


#8

Diethyl Ether
Concen: 19.892 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 74 Resp: 25117
Ion Ratio Lower Upper
74 100
45 92.1 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.805 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

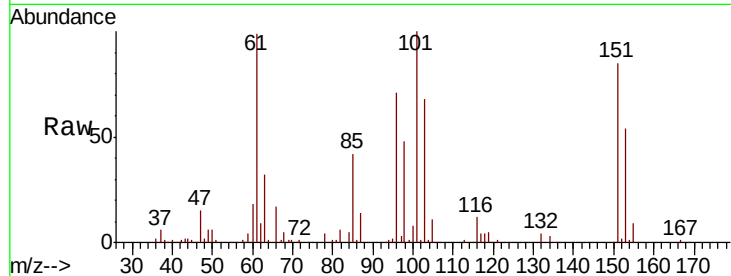
Tot Ion:101 Resp: 42088

Ion Ratio Lower Upper

101 100

85 43.7 0.0 89.8

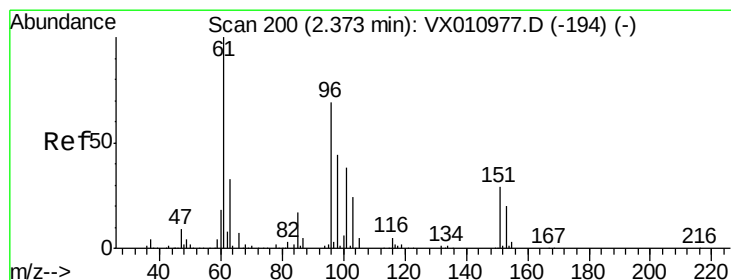
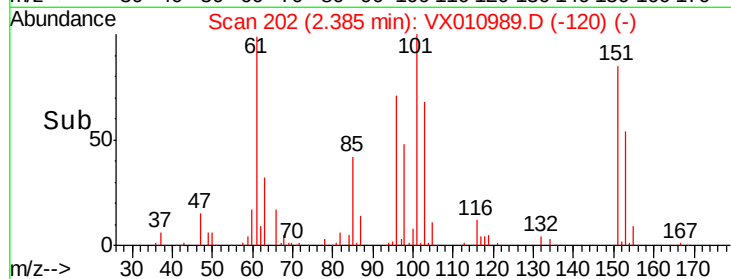
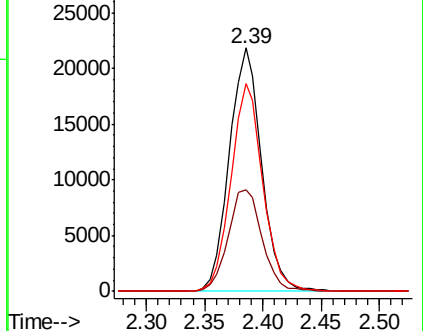
151 84.4 0.0 172.2



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: 19.484 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

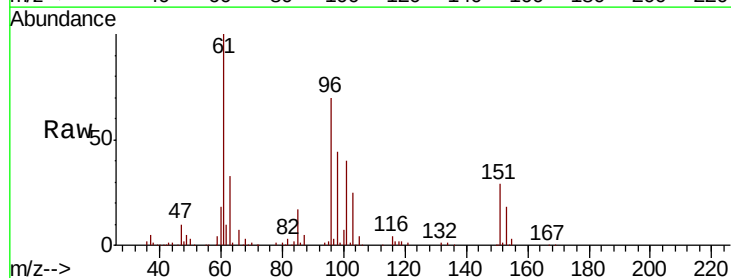
Tgt Ion: 96 Resp: 41612

Ion Ratio Lower Upper

96 100

61 142.6 115.9 173.9

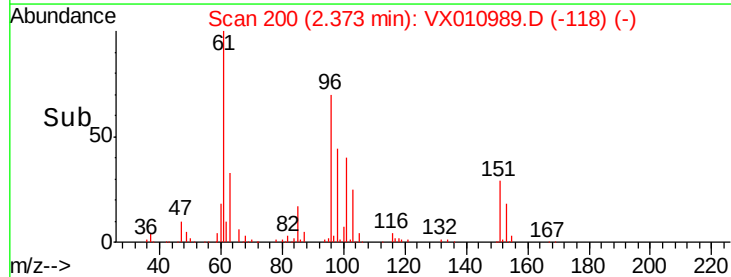
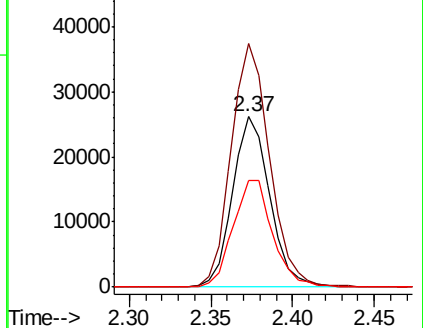
98 62.6 50.6 75.8

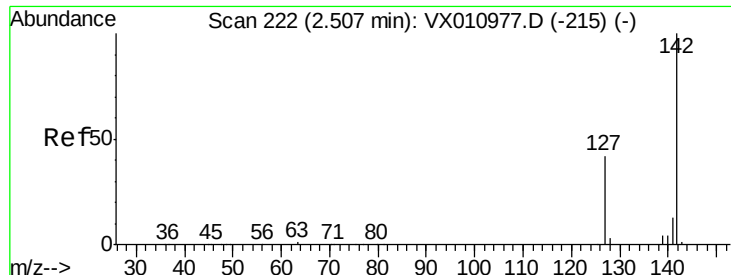


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

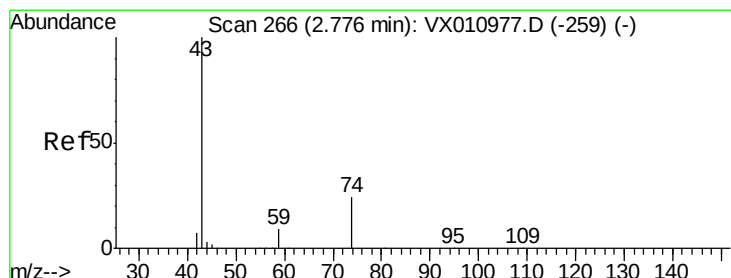
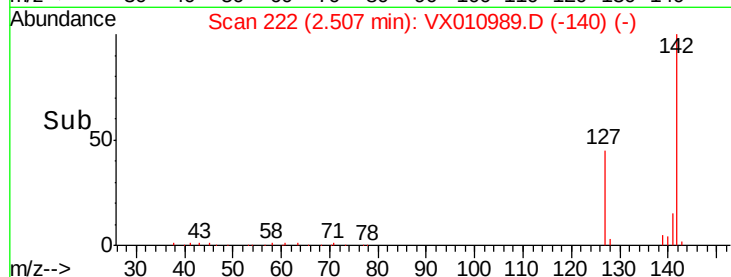
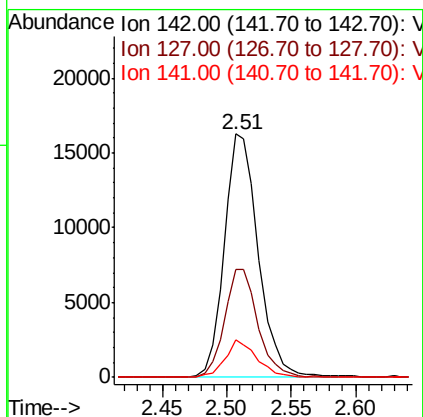
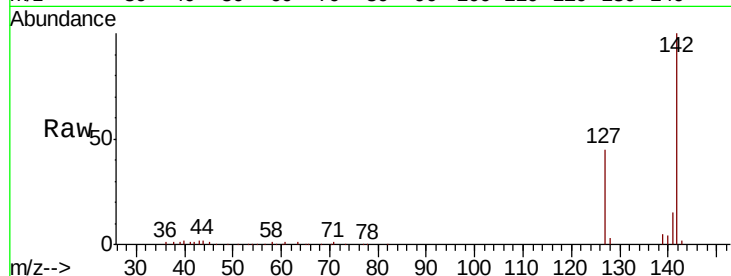




#11
Methvl Iodide
Concen: 10.451 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

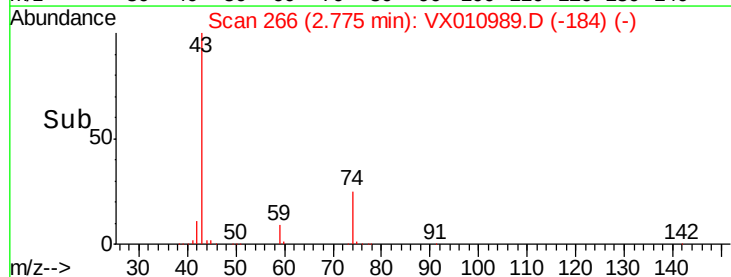
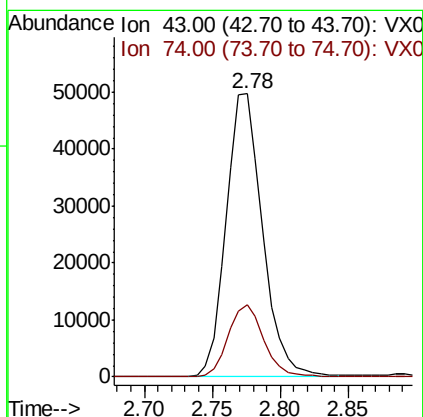
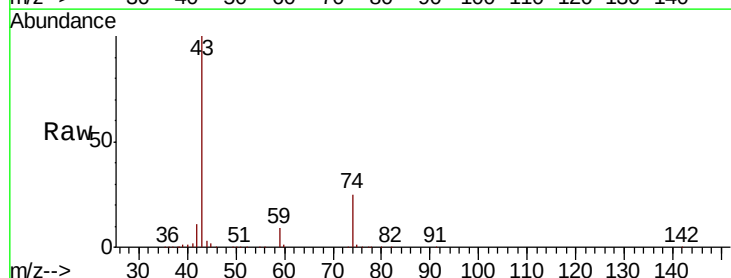
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

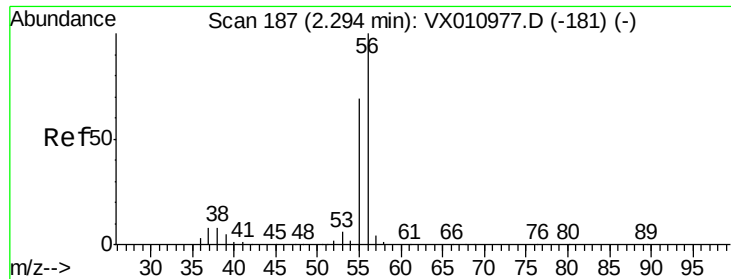
Tot Ion:142 Resp: 29974
Ion Ratio Lower Upper
142 100
127 44.7 20.7 62.1
141 15.2 6.7 20.0



#12
Methyl Acetate
Concen: 30.669 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 43 Resp: 91993
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6





#13

Acrolein

Concen: 63.137 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

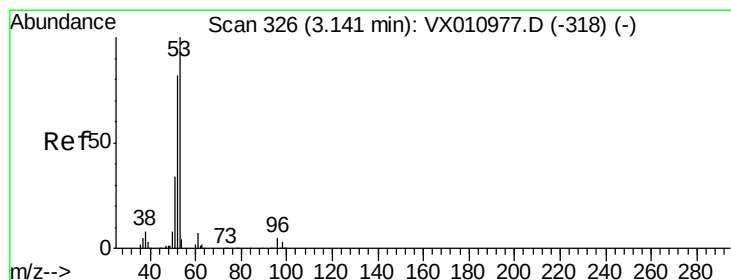
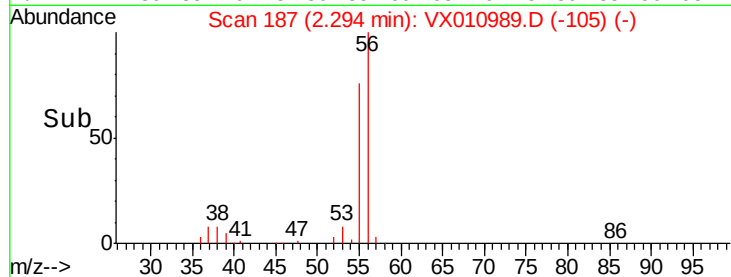
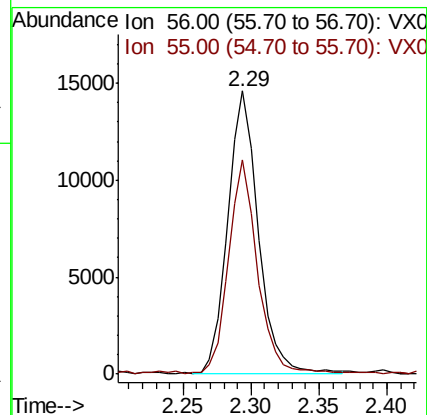
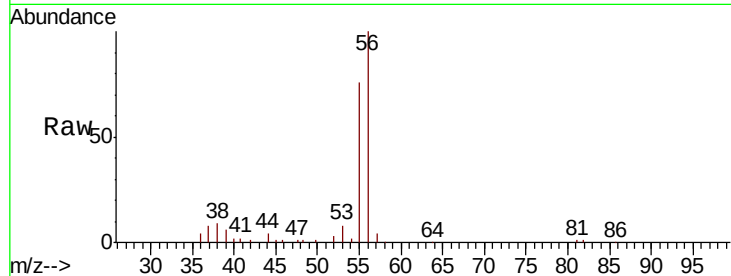
VSTDCCC020EC

Tot Ion: 56 Resp: 22707

Ion Ratio Lower Upper

56 100

55 73.1 56.1 84.1



#14

Acrylonitrile

Concen: 101.901 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

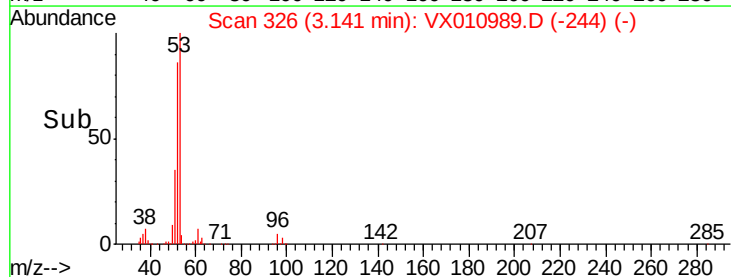
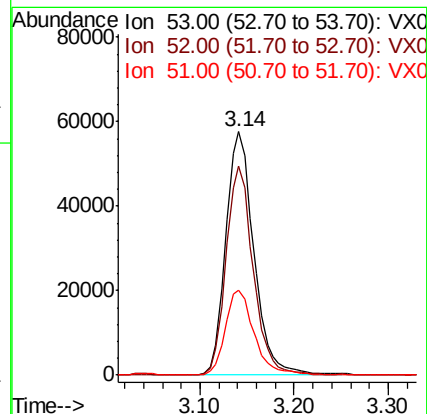
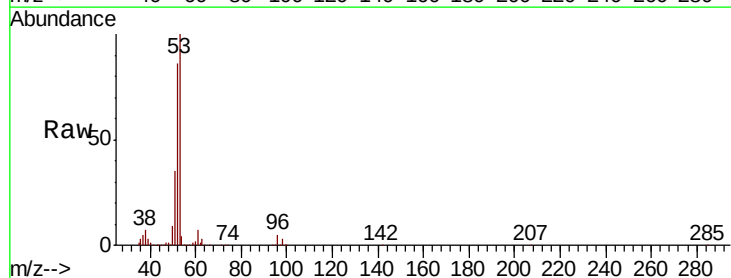
Tgt Ion: 53 Resp: 119628

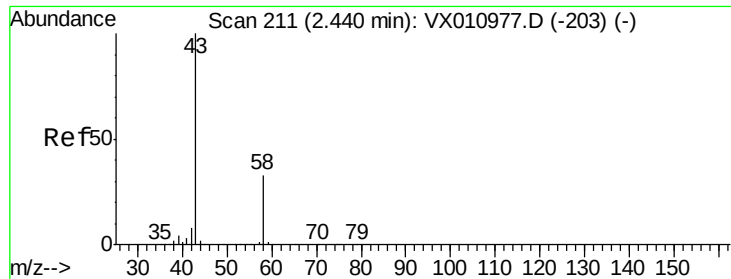
Ion Ratio Lower Upper

53 100

52 82.9 41.1 123.4

51 35.5 17.8 53.3





#15

Acetone

Concen: 103.051 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

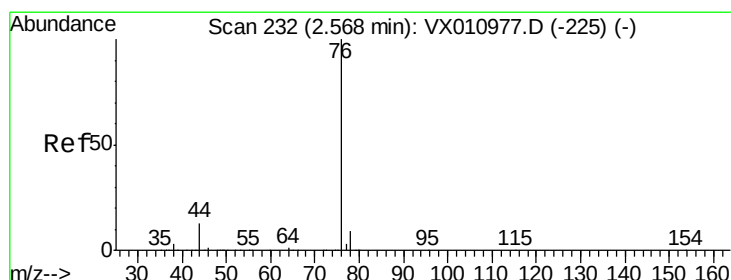
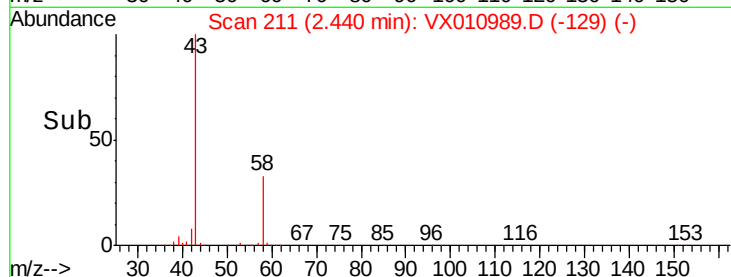
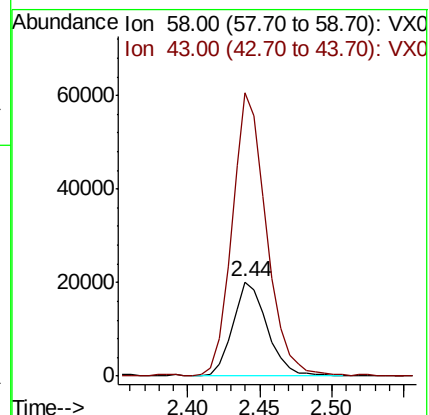
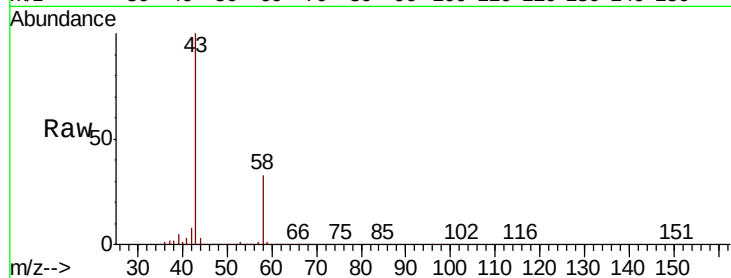
VSTDCCC020EC

Tot Ion: 58 Resp: 33688

Ion Ratio Lower Upper

58 100

43 300.0 243.8 365.6



#16

Carbon Disulfide

Concen: 20.007 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010989.D

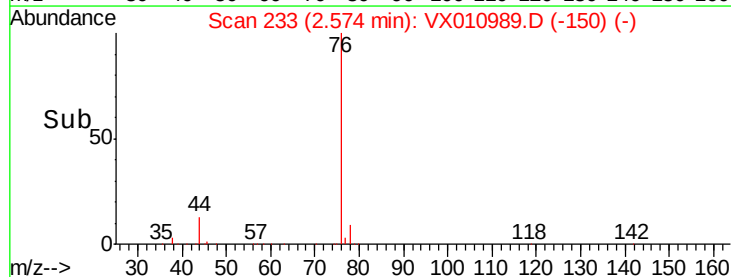
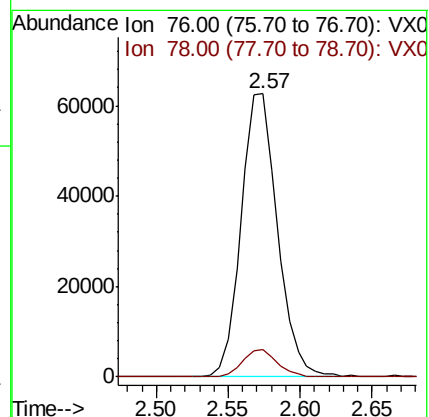
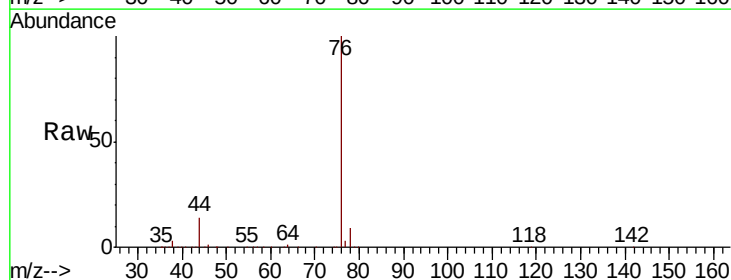
Acq: 19 Jul 2019 03:48

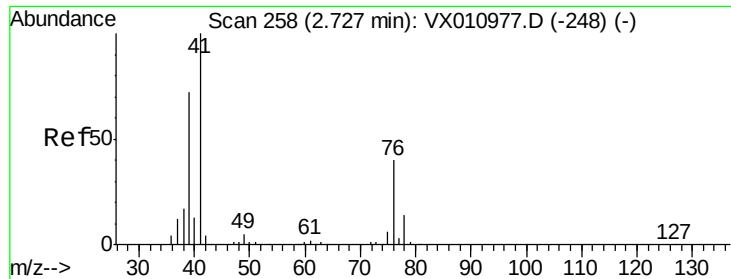
Tgt Ion: 76 Resp: 109792

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

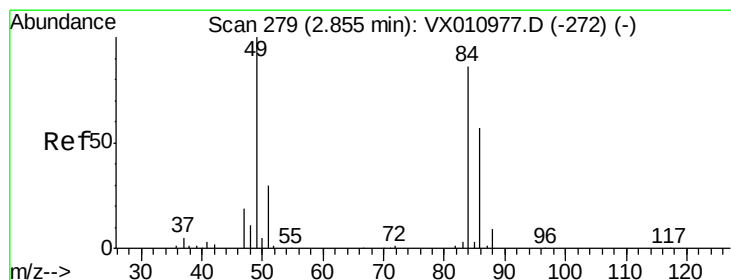
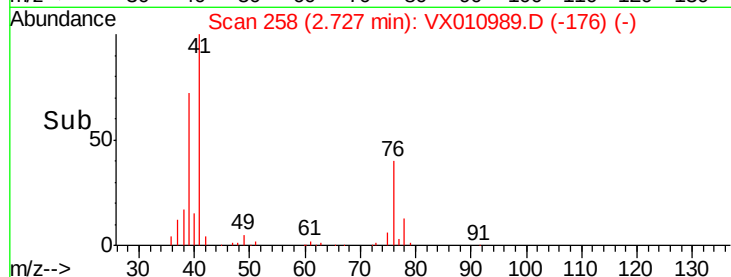
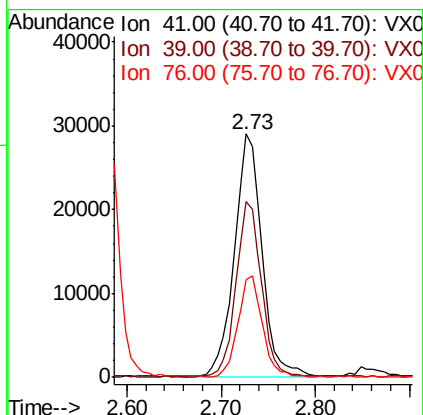
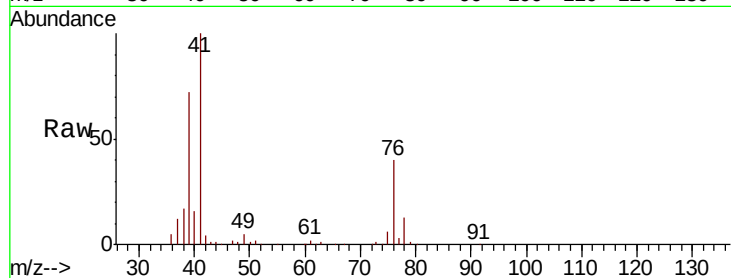




#17
Allvl chloride
Concen: 19.389 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

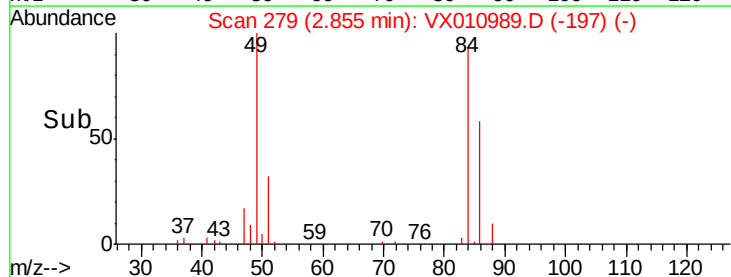
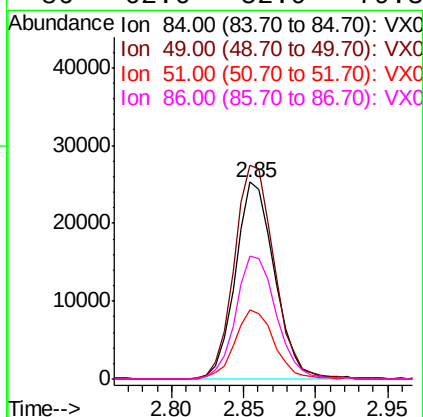
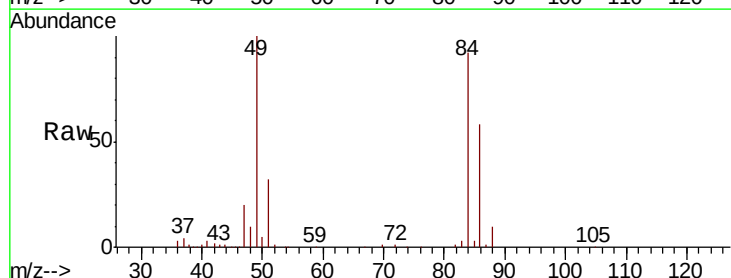
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

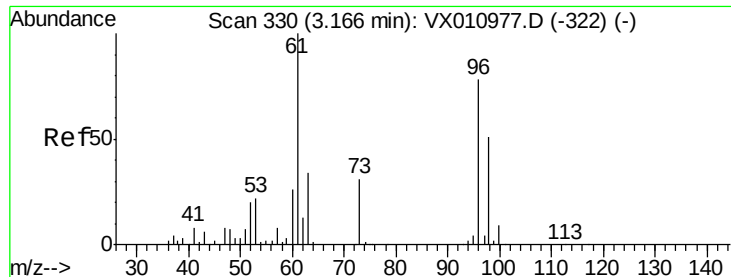
Tot Ion: 41 Resp: 59946
Ion Ratio Lower Upper
41 100
39 72.0 36.1 108.3
76 39.5 20.2 60.5



#18
Methylene Chloride
Concen: 20.158 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 84 Resp: 47936
Ion Ratio Lower Upper
84 100
49 108.4 93.2 139.8
51 35.2 28.6 42.8
86 62.6 52.9 79.3

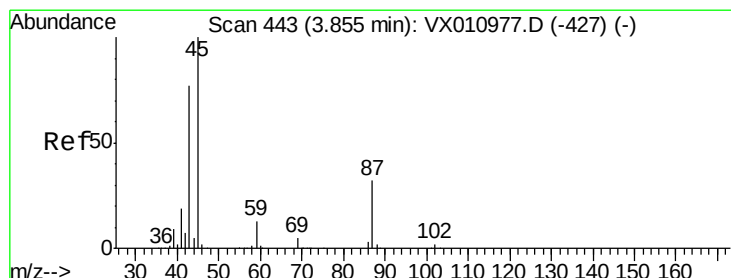
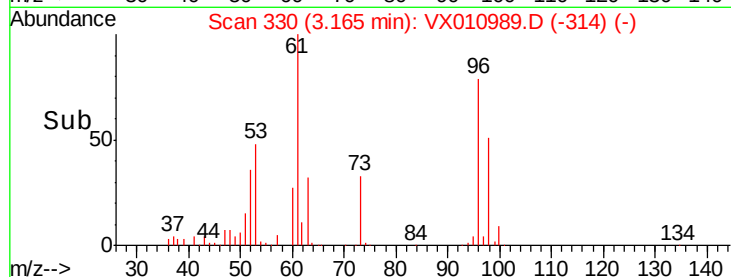
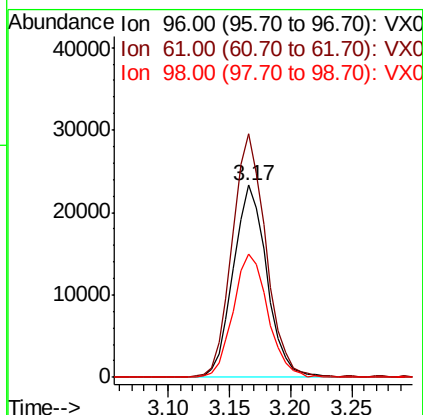
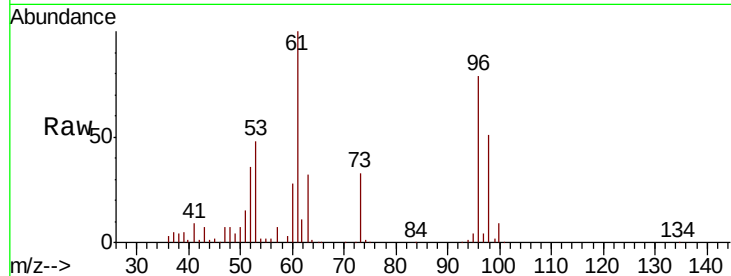




#19
trans-1,2-Dichloroethene
Concen: 19.735 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

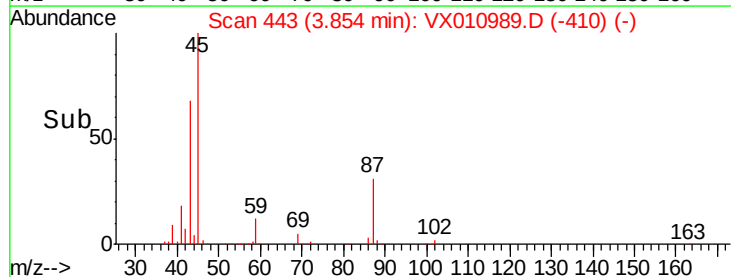
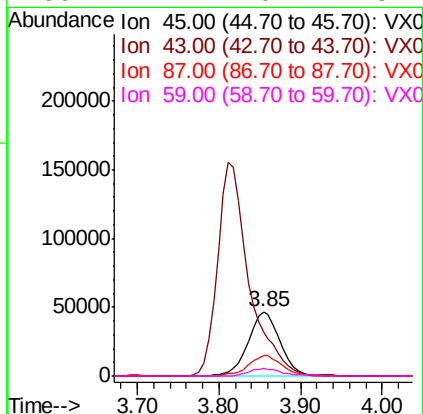
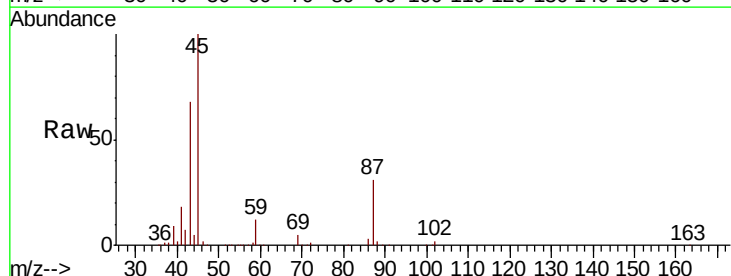
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

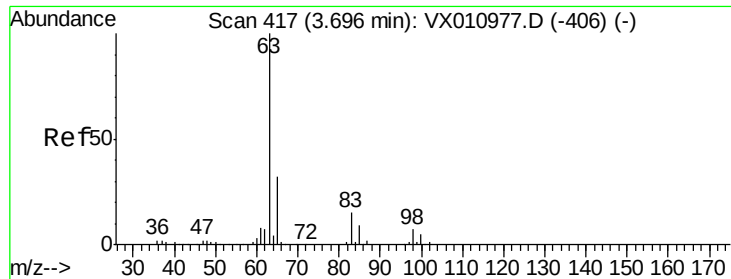
Tot Ion: 96 Resp: 44524
Ion Ratio Lower Upper
96 100
61 126.9 102.2 153.4
98 64.2 52.2 78.2



#20
Diisopropyl ether
Concen: 19.582 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 45 Resp: 127812
Ion Ratio Lower Upper
45 100
43 68.1 61.5 92.3
87 31.3 25.4 38.2
59 12.1 10.2 15.2

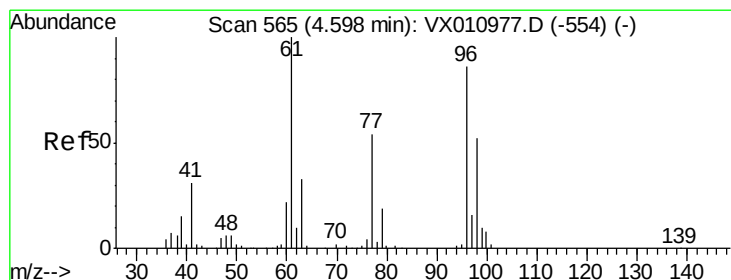
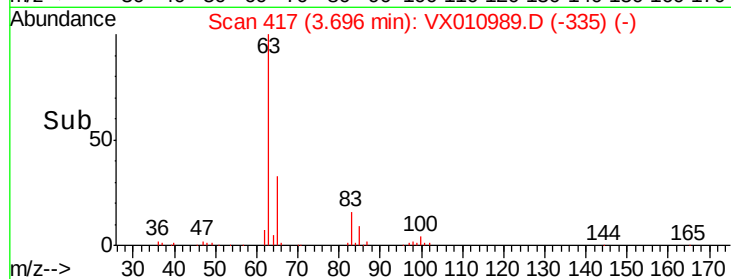
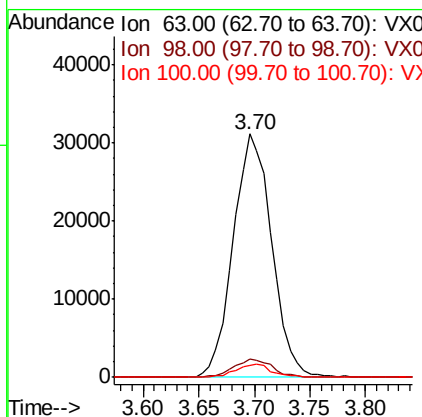
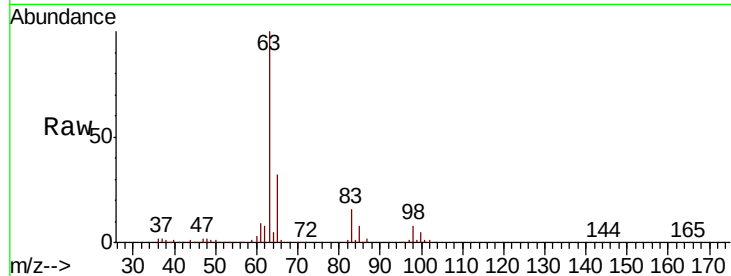




#21
 1,1-Dichloroethane
 Concen: 19.854 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

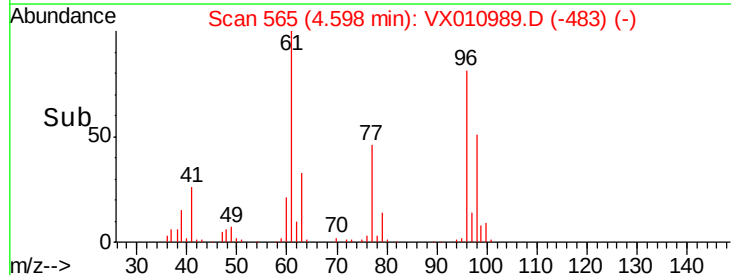
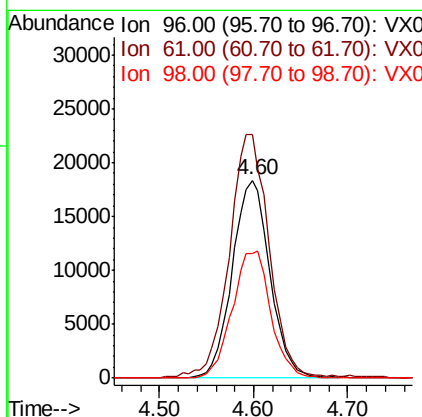
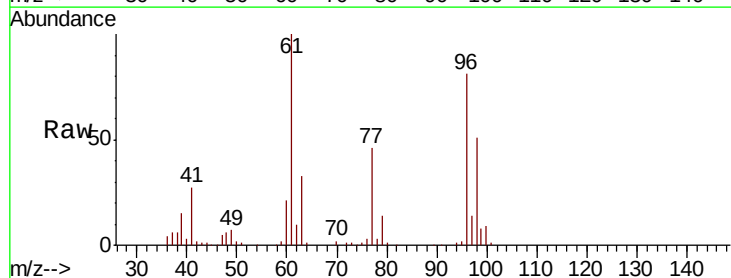
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

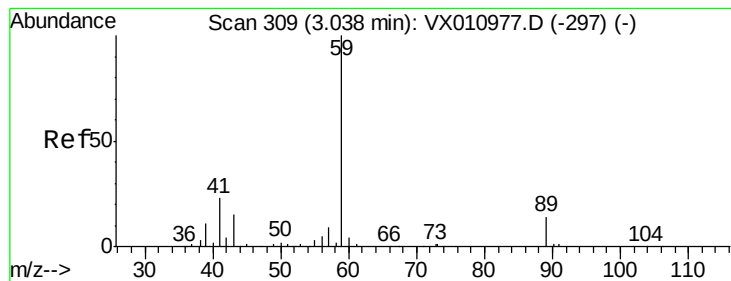
Tot Ion: 63 Resp: 74573
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.7 2.5 7.4



#22
 cis-1,2-Dichloroethene
 Concen: 19.742 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion: 96 Resp: 51225
 Ion Ratio Lower Upper
 96 100
 61 129.8 102.9 154.3
 98 65.7 50.9 76.3



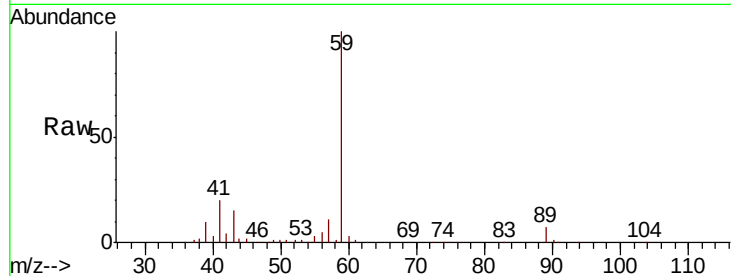


#23

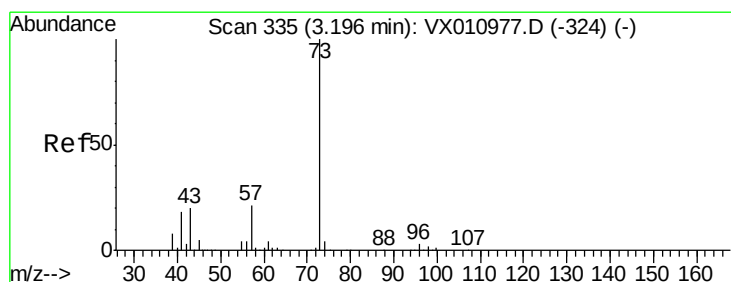
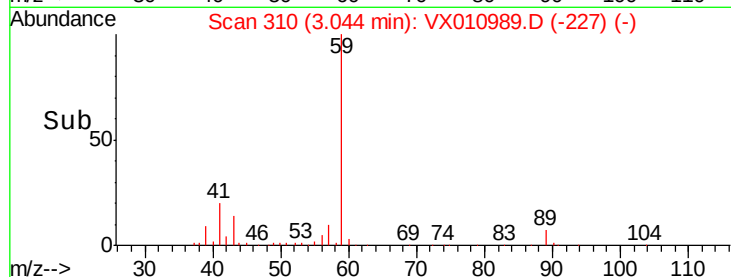
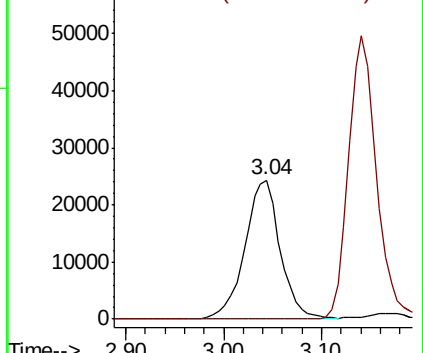
tert-Butyl Alcohol
 Concen: 99.523 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 59 Resp: 61002
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.4



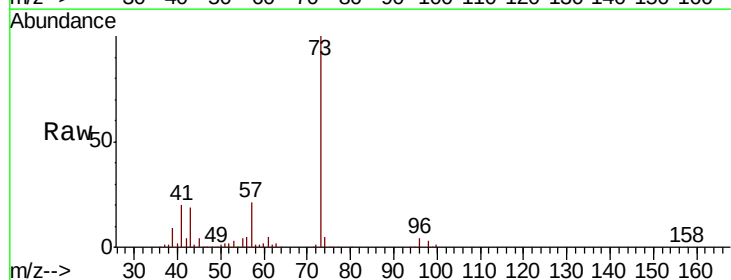
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0



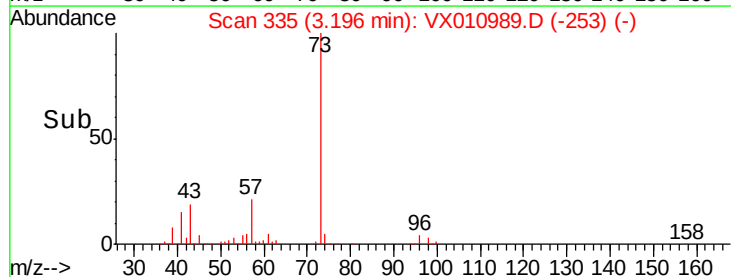
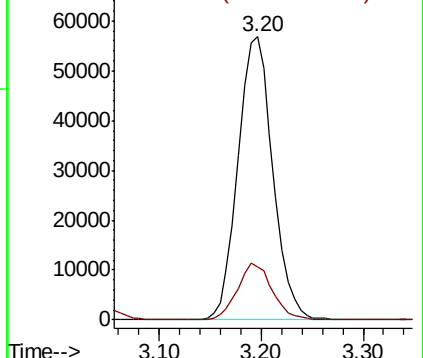
#24

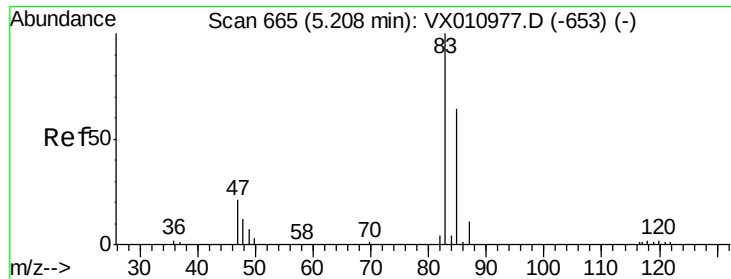
Methyl tert-Butyl Ether
 Concen: 19.707 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion: 73 Resp: 135110
 Ion Ratio Lower Upper
 73 100
 43 19.5 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0

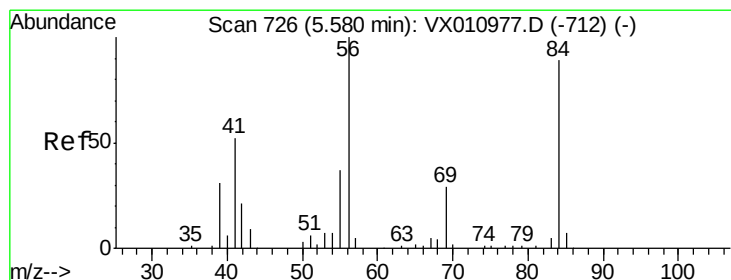
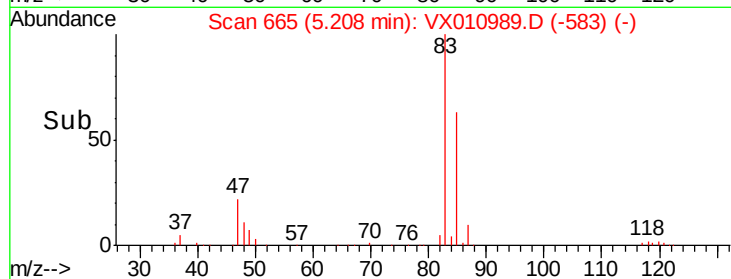
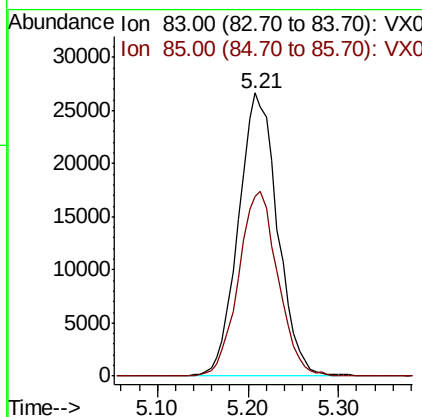
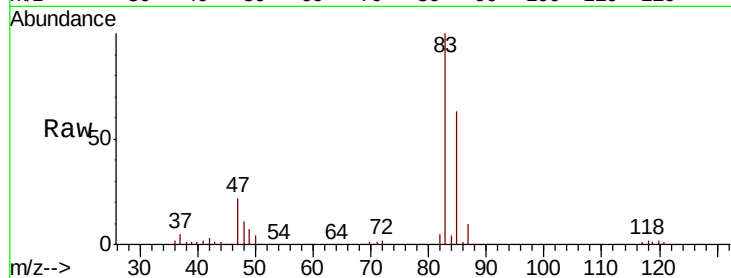




#25
Chloroform
Concen: 19.358 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

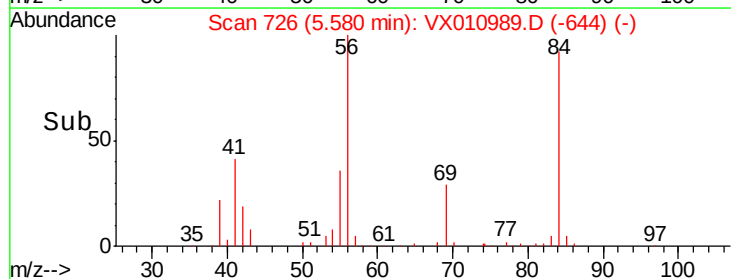
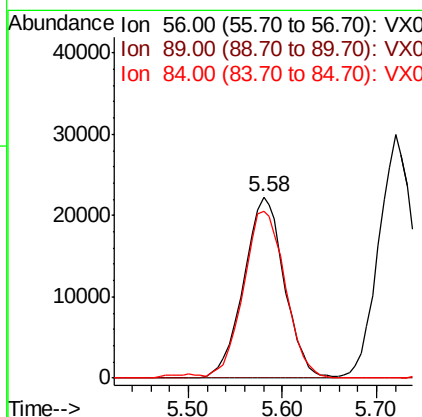
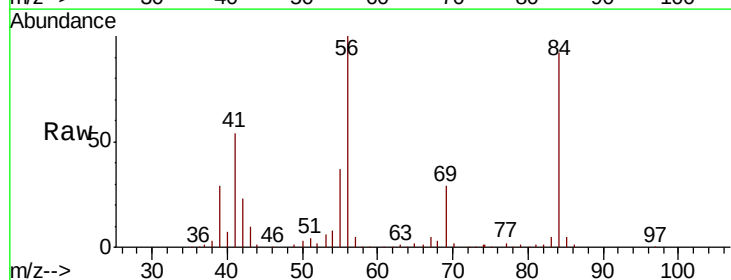
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

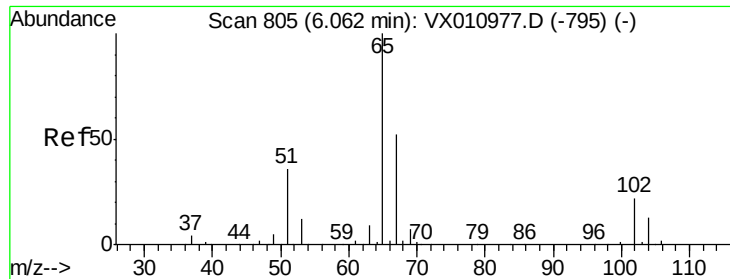
Tot Ion: 83 Resp: 79637
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3



#26
Cyclohexane
Concen: 19.549 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 56 Resp: 67193
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 95.2 73.0 109.4





#27

1,2-Dichloroethane-d4

Concen: 28.959 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

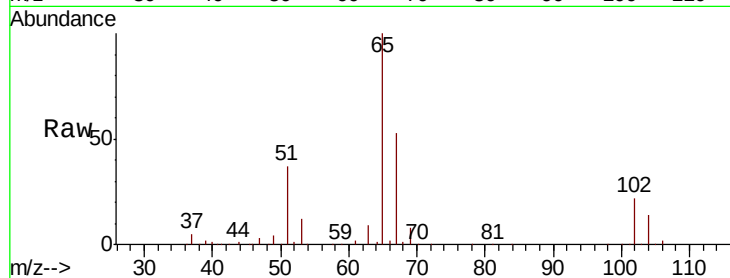
VSTDCCC020EC

Tot Ion: 65 Resp: 74972

Ion Ratio Lower Upper

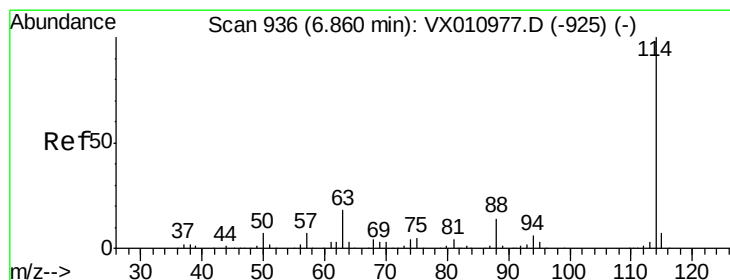
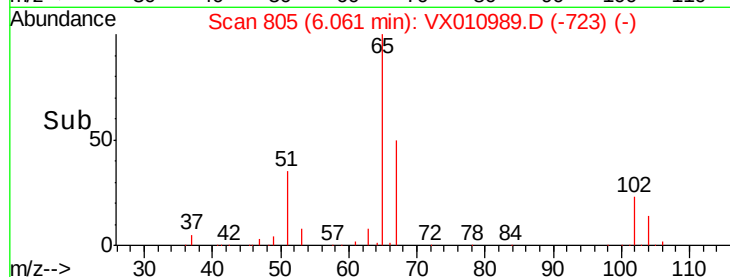
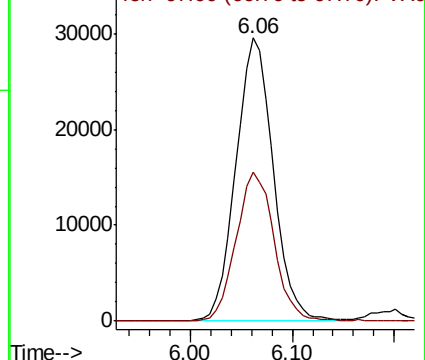
65 100

67 53.7 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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

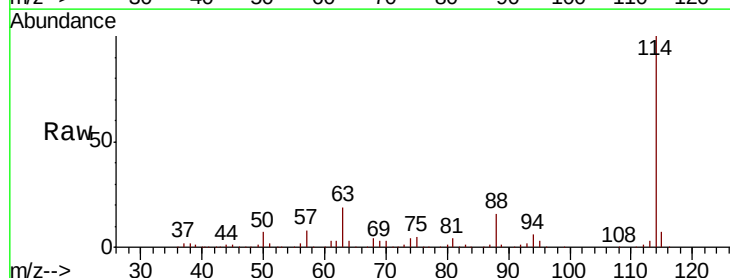
Tgt Ion: 114 Resp: 207848

Ion Ratio Lower Upper

114 100

63 18.5 14.6 22.0

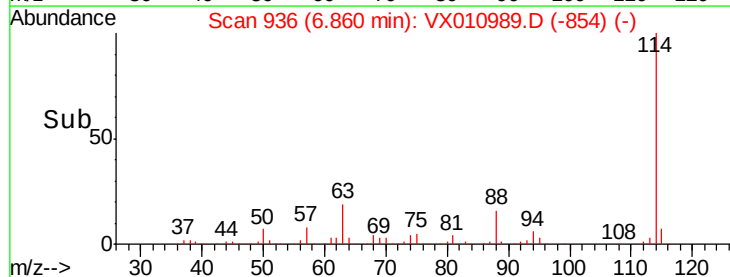
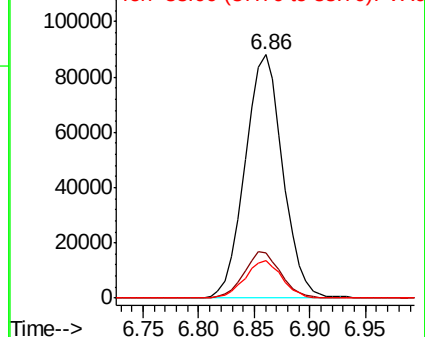
88 15.3 11.8 17.8

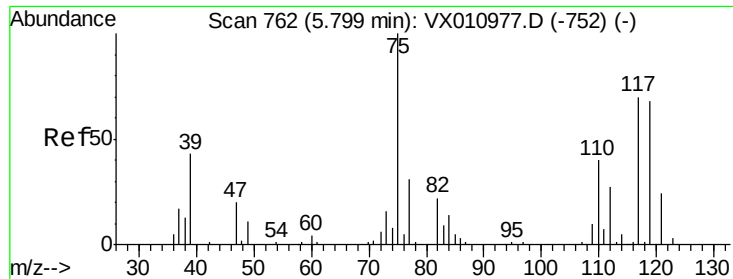


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

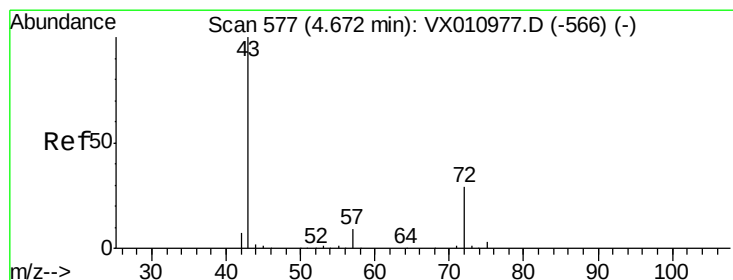
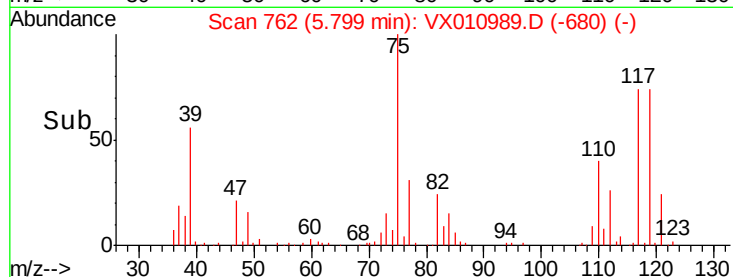
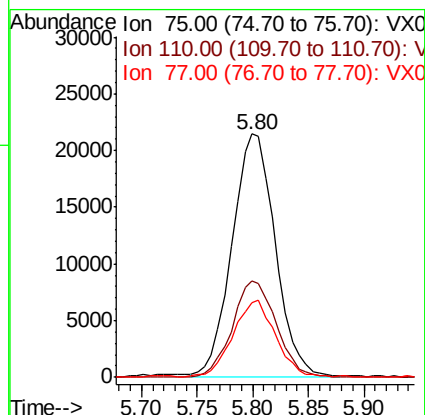
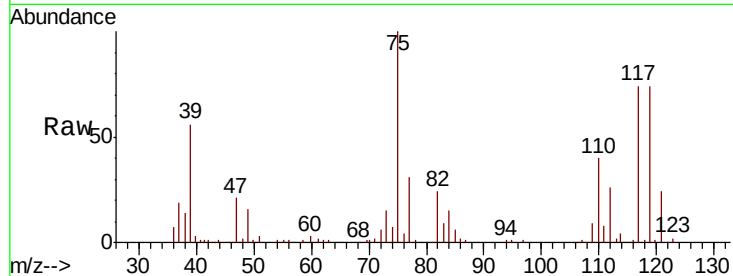




#29
 1,1-Dichloropropene
 Concen: 19.889 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

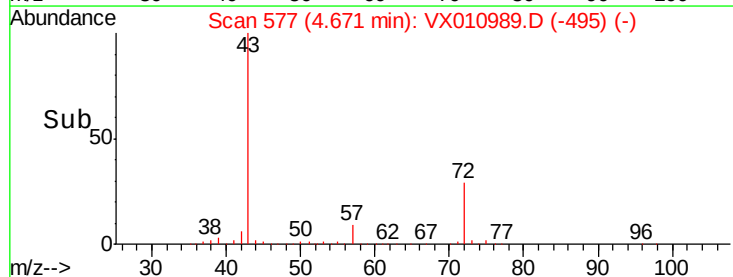
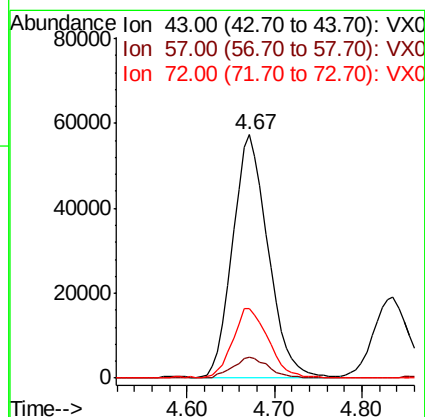
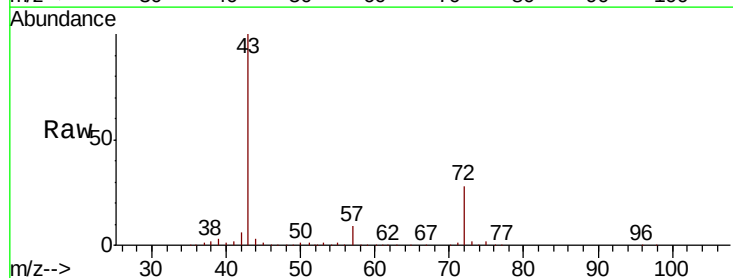
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

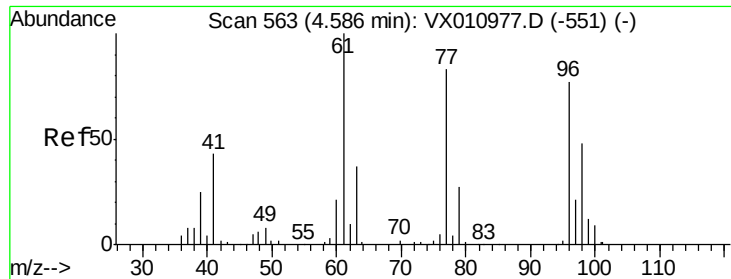
Tot Ion: 75 Resp: 58134
 Ion Ratio Lower Upper
 75 100
 110 40.0 0.0 79.8
 77 31.2 0.0 62.2



#30
 2-Butanone
 Concen: 101.636 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion: 43 Resp: 160360
 Ion Ratio Lower Upper
 43 100
 57 8.8 6.8 10.2
 72 29.1 23.2 34.8

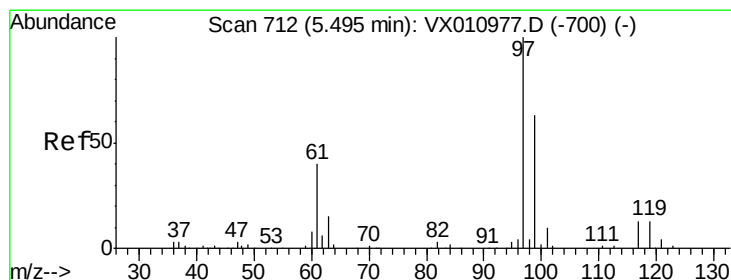
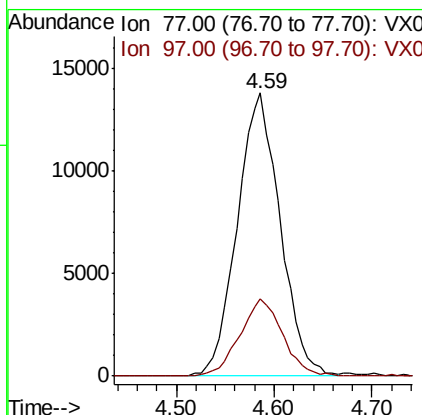
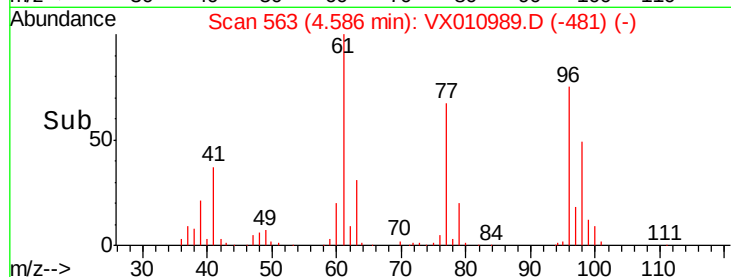
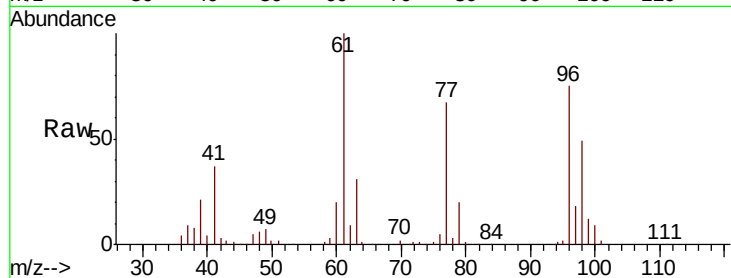




#31
 2,2-Dichloropropane
 Concen: 16.452 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

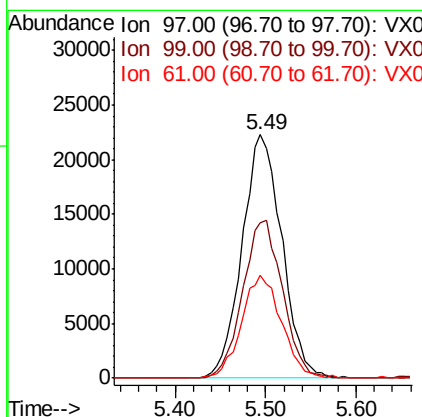
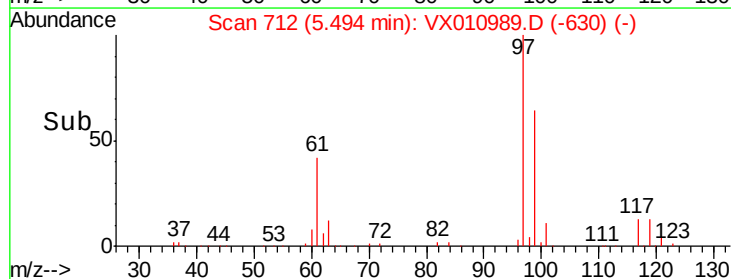
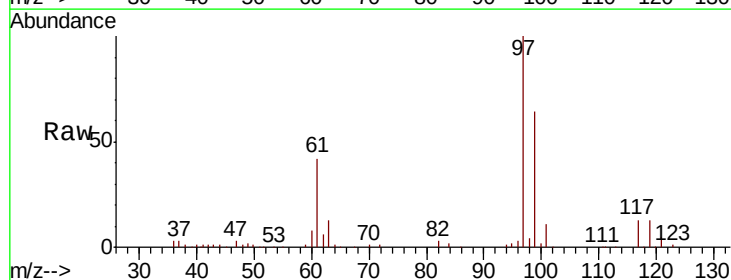
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

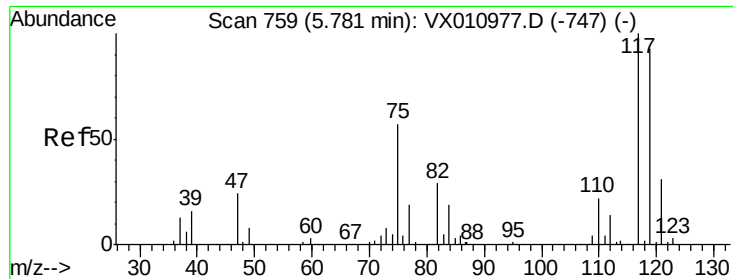
Tot Ion: 77 Resp: 41977
 Ion Ratio Lower Upper
 77 100
 97 27.1 20.9 31.3



#32
 1,1,1-Trichloroethane
 Concen: 19.237 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion: 97 Resp: 67809
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.0 76.6
 61 42.1 34.3 51.5





#33

Carbon Tetrachloride

Concen: 19.276 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

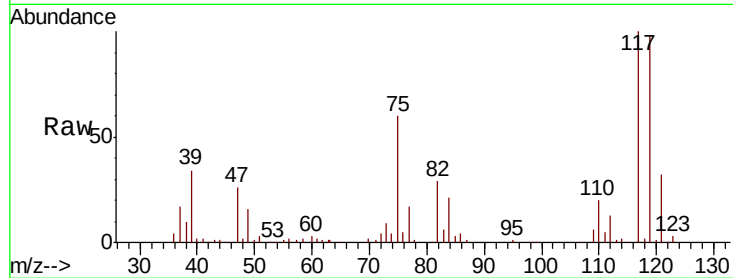
Tot Ion:117 Resp: 59076

Ion Ratio Lower Upper

117 100

119 97.9 74.3 111.5

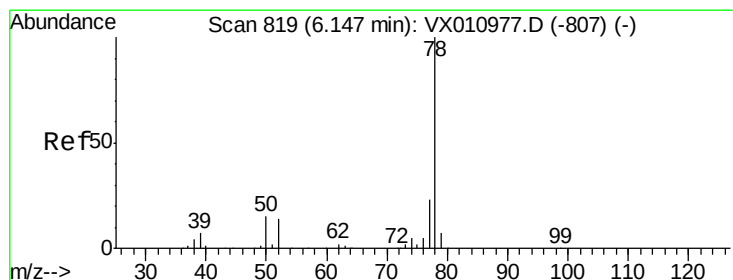
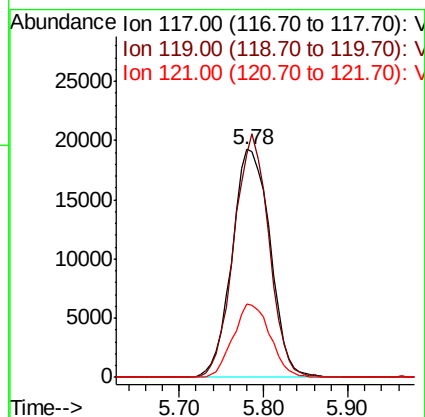
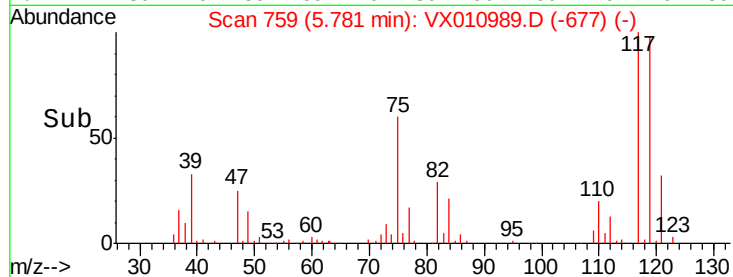
121 32.4 24.9 37.3



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: 20.507 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

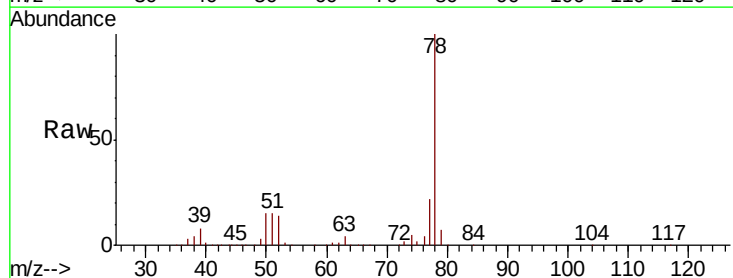
Tgt Ion: 78 Resp: 179810

Ion Ratio Lower Upper

78 100

77 22.0 18.2 27.4

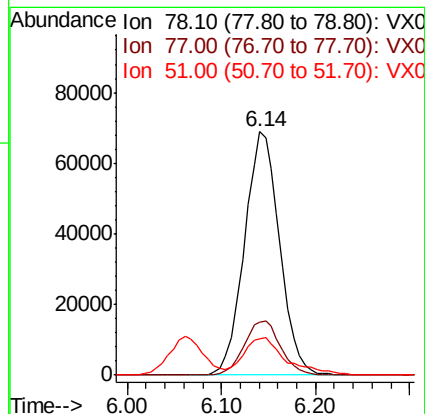
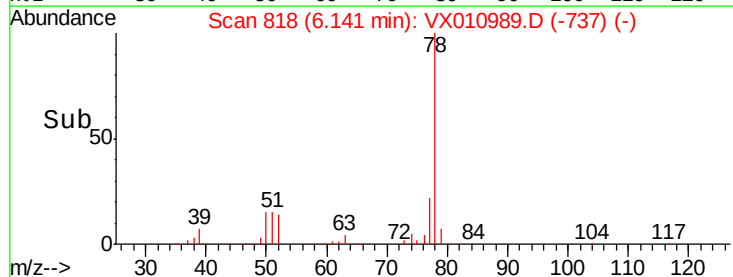
51 14.2 11.4 17.2

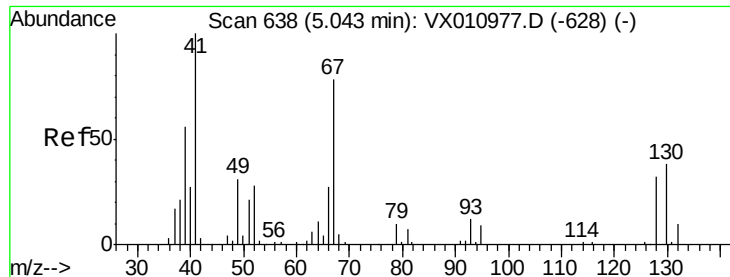


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

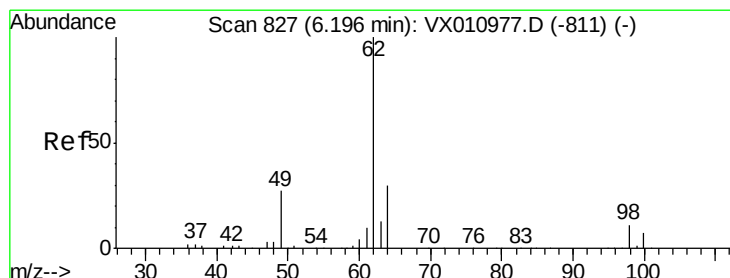
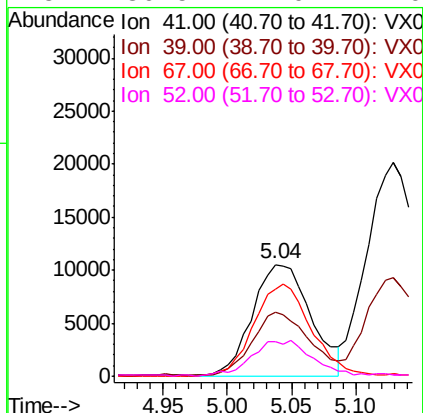
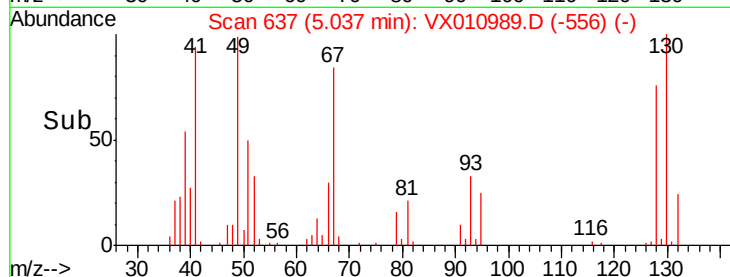
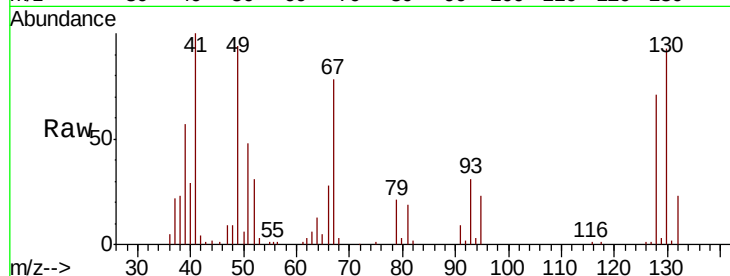




#35
Methacrylonitrile
Concen: 20.120 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

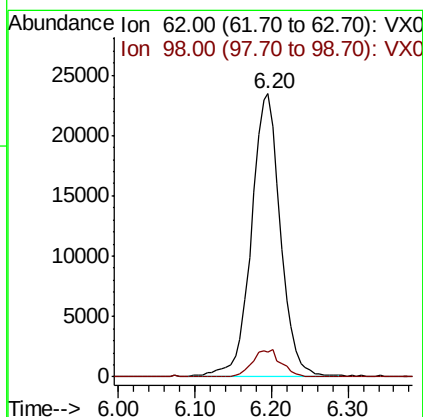
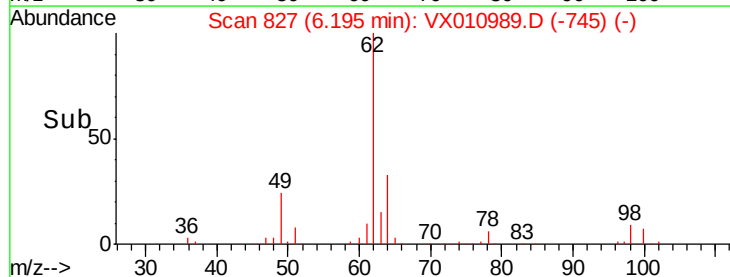
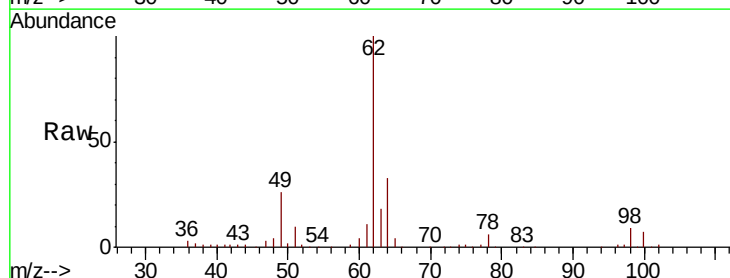
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

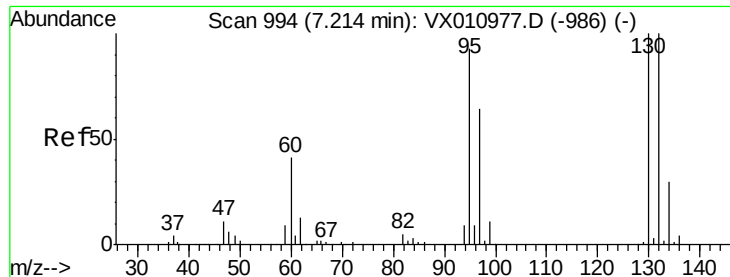
Tot Ion: 41 Resp: 33048
Ion Ratio Lower Upper
41 100
39 56.5 27.6 82.8
67 78.7 39.1 117.2
52 30.5 14.0 42.0



#36
1,2-Dichloroethane
Concen: 19.892 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 62 Resp: 62363
Ion Ratio Lower Upper
62 100
98 5.6 8.0 12.0#





#37

Trichloroethene

Concen: 20.589 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

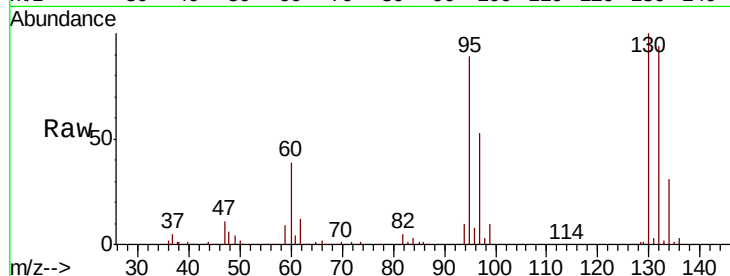
VSTDCCC020EC

Tot Ion:130 Resp: 52851

Ion Ratio Lower Upper

130 100

95 88.7 74.1 111.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

25000

20000

15000

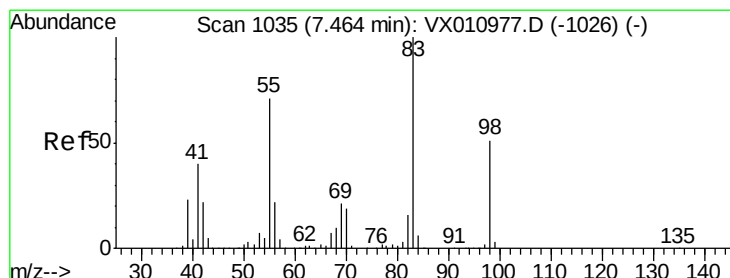
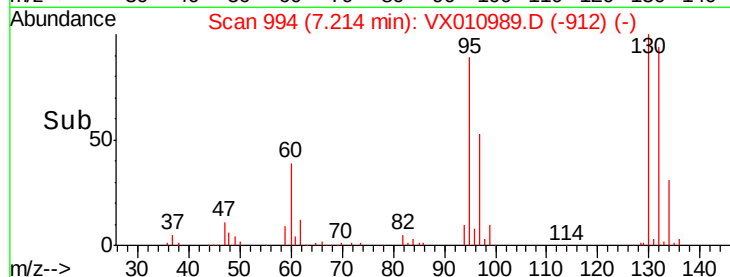
10000

5000

0

7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 19.476 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

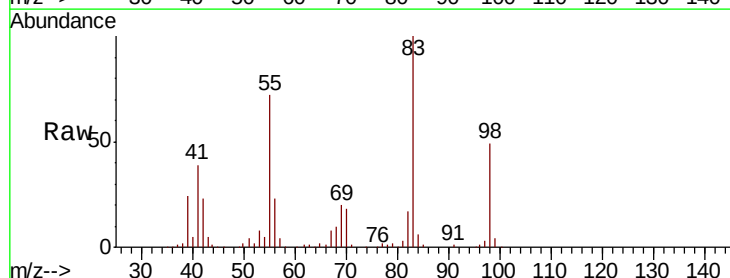
Tgt Ion: 83 Resp: 71845

Ion Ratio Lower Upper

83 100

55 70.5 35.3 105.9

98 48.7 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

40000

30000

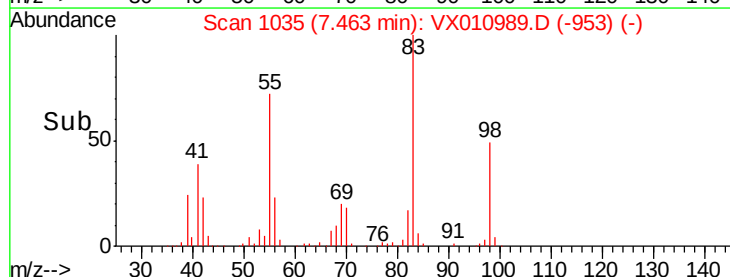
20000

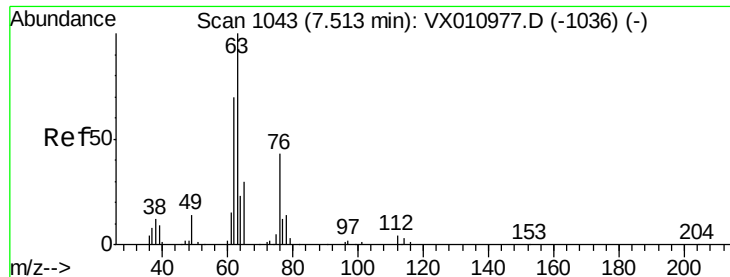
10000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#39

1,2-Dichloropropane

Concen: 20.842 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

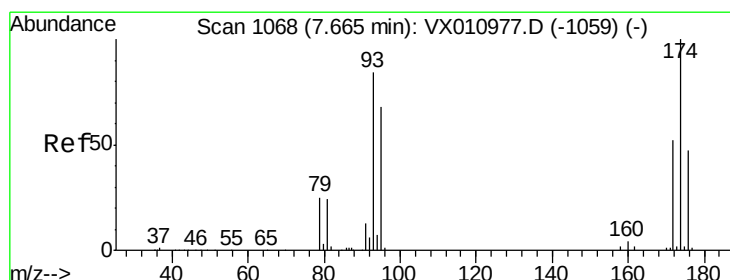
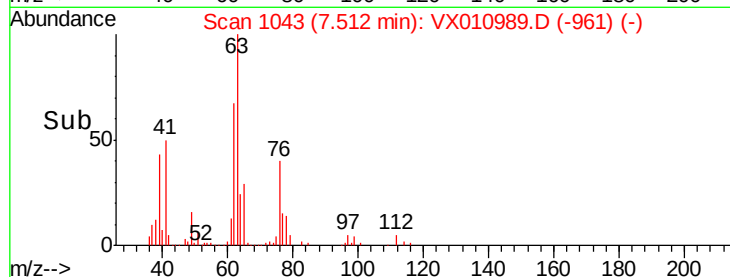
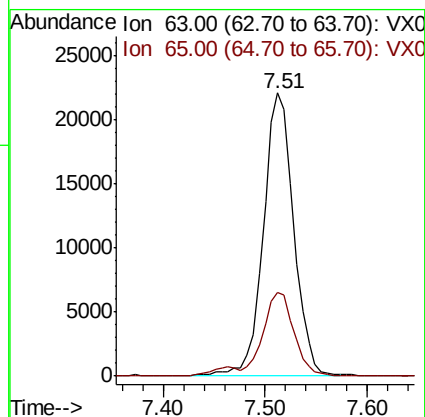
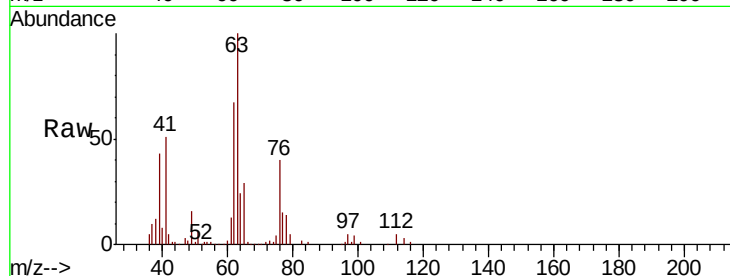
VSTDCCC020EC

Tot Ion: 63 Resp: 45678

Ion Ratio Lower Upper

63 100

65 29.4 25.6 38.4



#40

Dibromomethane

Concen: 20.181 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

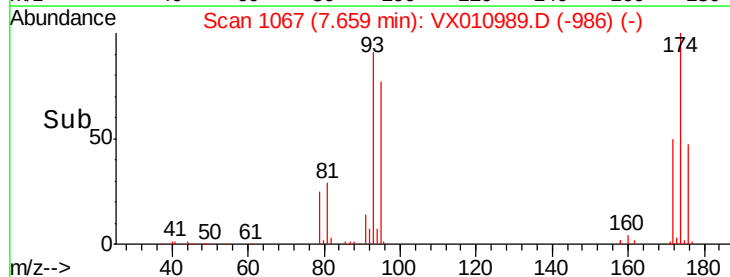
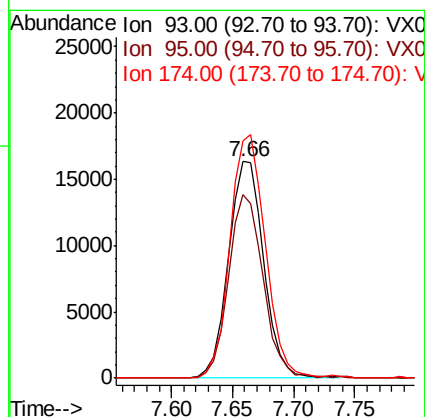
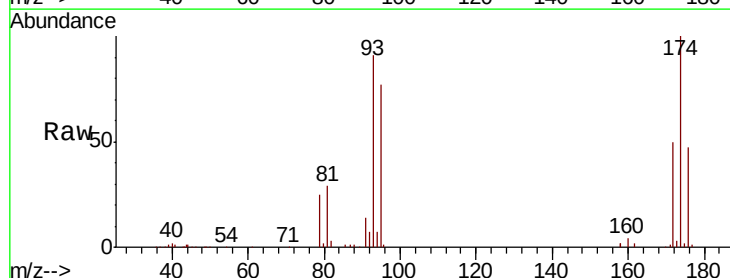
Tgt Ion: 93 Resp: 32530

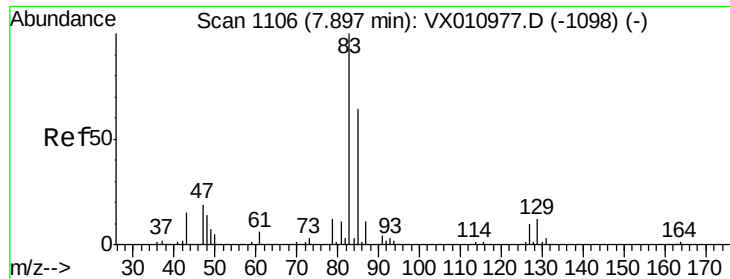
Ion Ratio Lower Upper

93 100

95 82.4 0.0 166.0

174 112.3 0.0 229.2





#41

Bromodichloromethane

Concen: 19.391 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

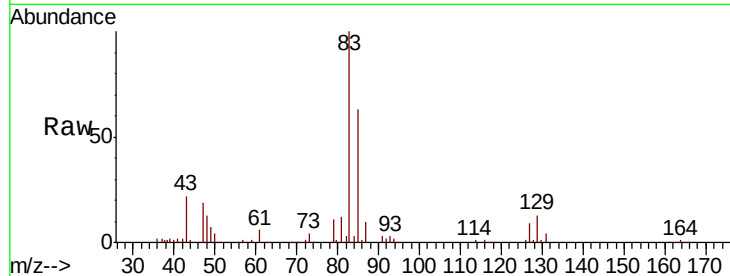
Tot Ion: 83 Resp: 56892

Ion Ratio Lower Upper

83 100

85 63.5 50.9 76.3

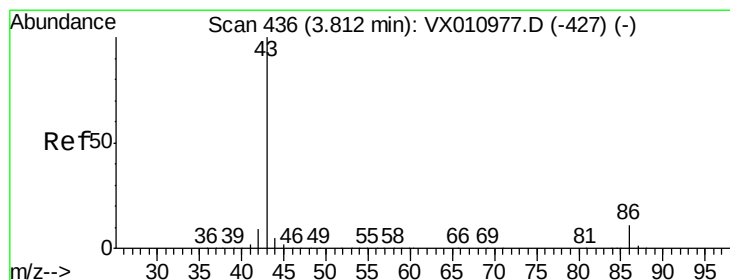
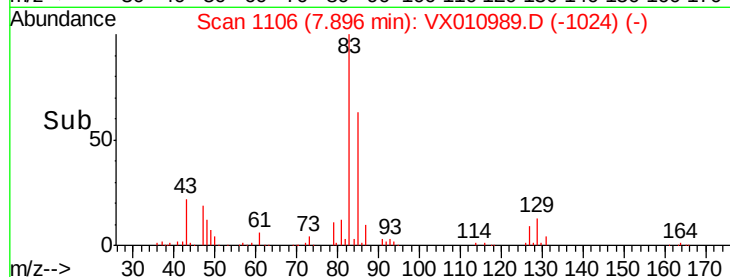
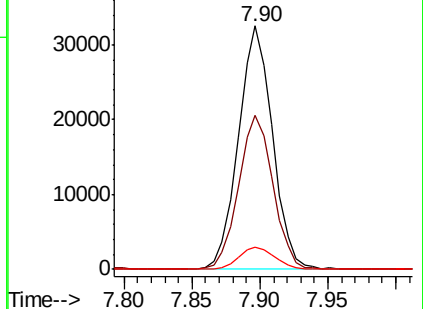
127 9.3 7.7 11.5



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: 80.615 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010989.D

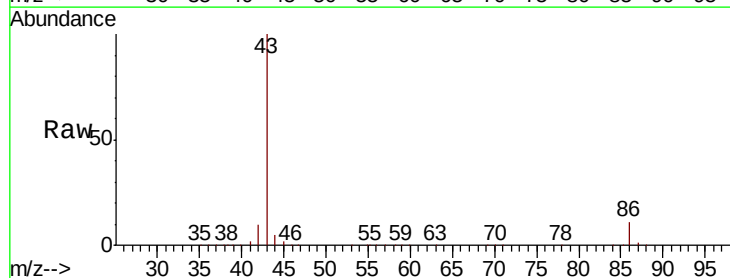
Acq: 19 Jul 2019 03:48

Tgt Ion: 43 Resp: 419061

Ion Ratio Lower Upper

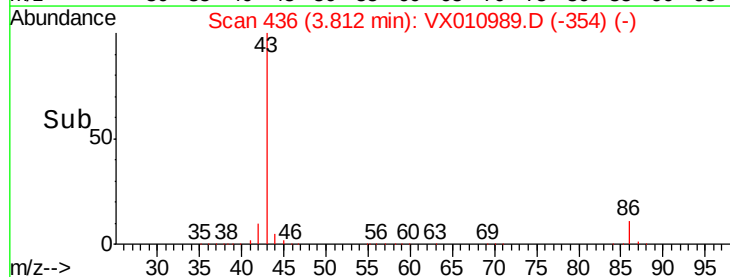
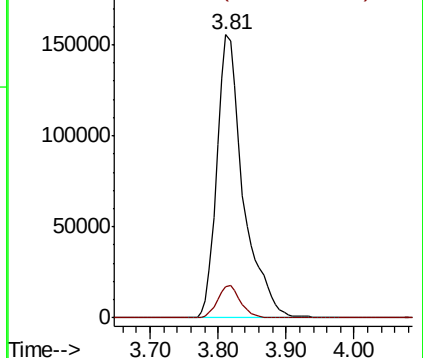
43 100

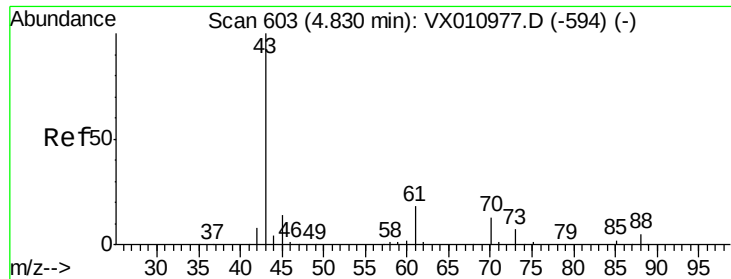
86 9.9 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 18.251 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

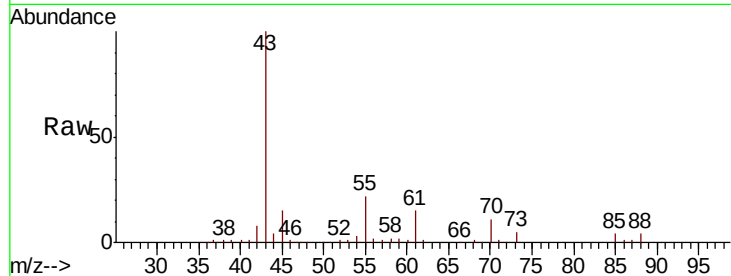
VSTDCCC020EC

Tot Ion: 43 Resp: 55276

Ion Ratio Lower Upper

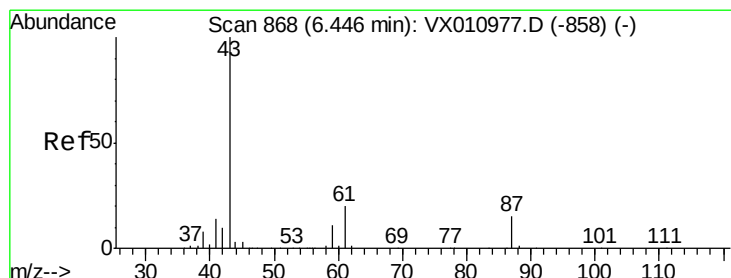
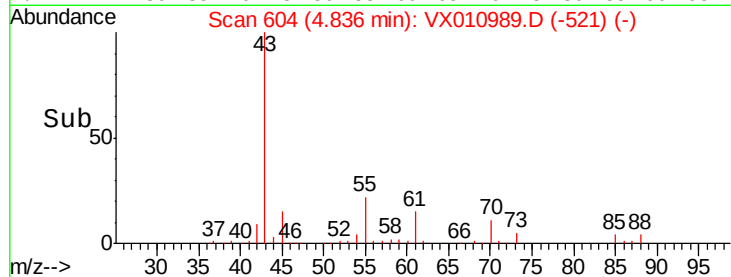
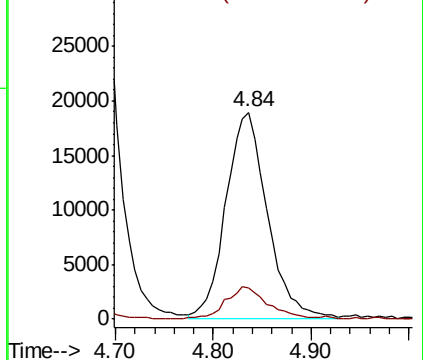
43 100

45 16.1 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 17.645 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010989.D

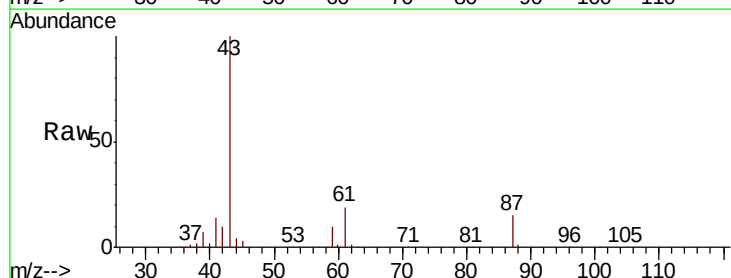
Acq: 19 Jul 2019 03:48

Tgt Ion: 43 Resp: 87044

Ion Ratio Lower Upper

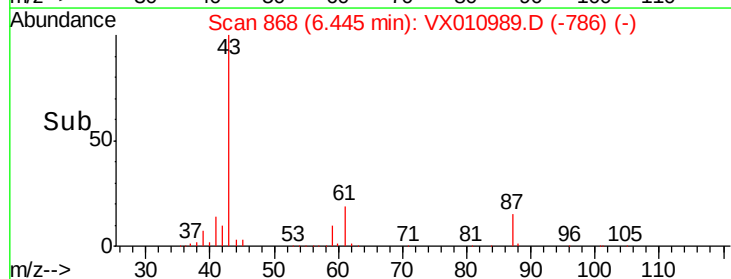
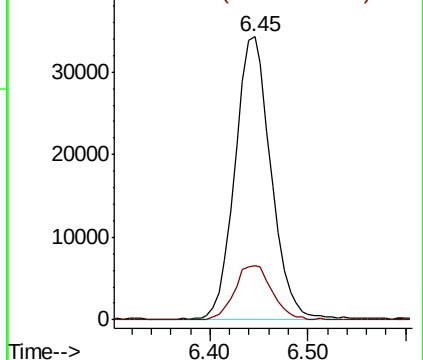
43 100

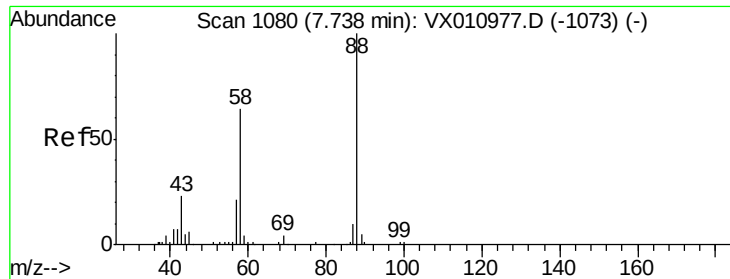
61 20.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

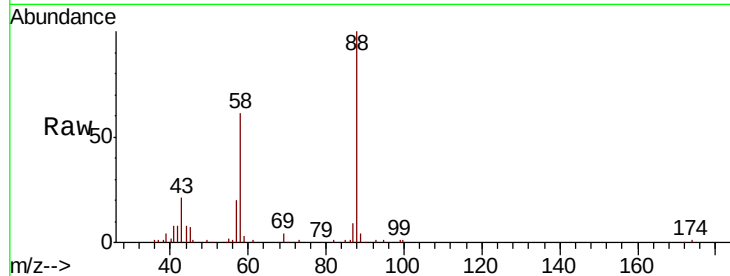




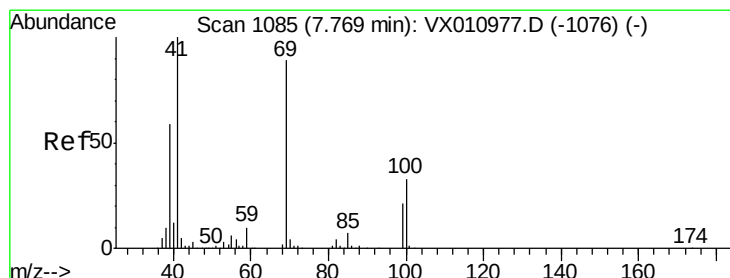
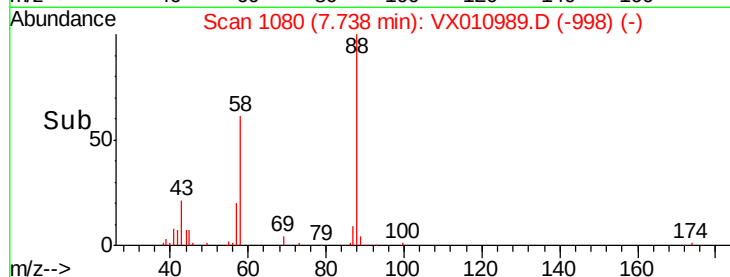
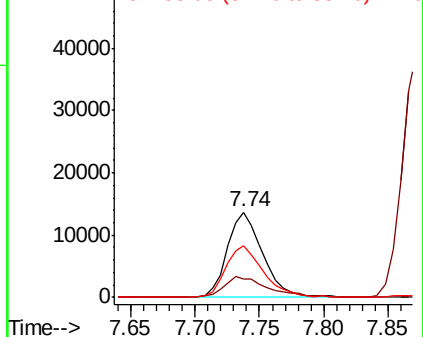
#45
 1,4-Dioxane
 Concen: 406.419 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 26095
 Ion Ratio Lower Upper
 88 100
 43 30.2 21.6 32.4
 58 64.4 52.2 78.2

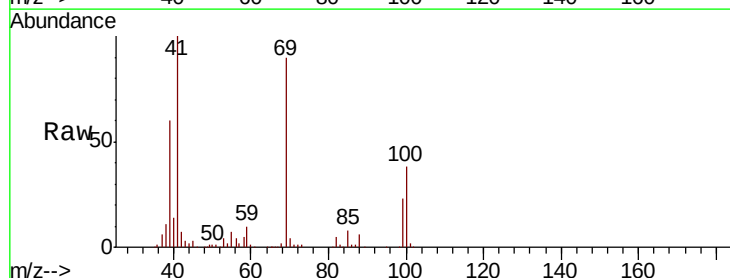


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

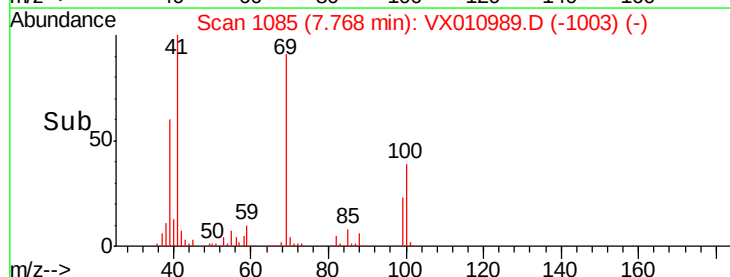
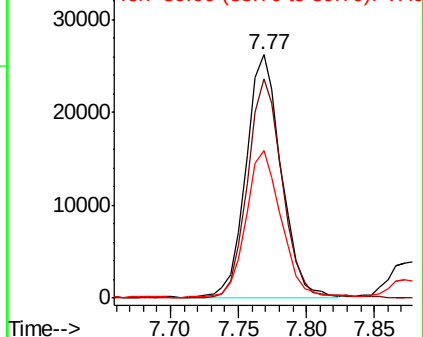


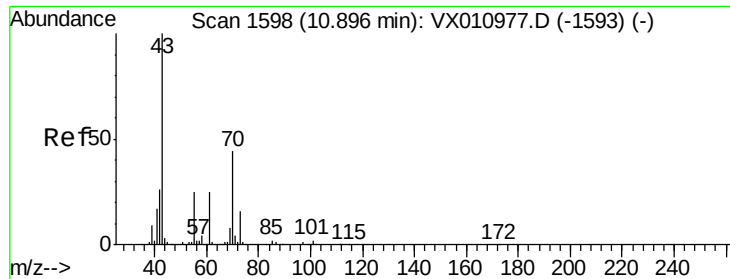
#46
 Methyl methacrylate
 Concen: 19.705 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion: 41 Resp: 47181
 Ion Ratio Lower Upper
 41 100
 69 90.6 44.7 134.1
 39 60.0 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: 15.833 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

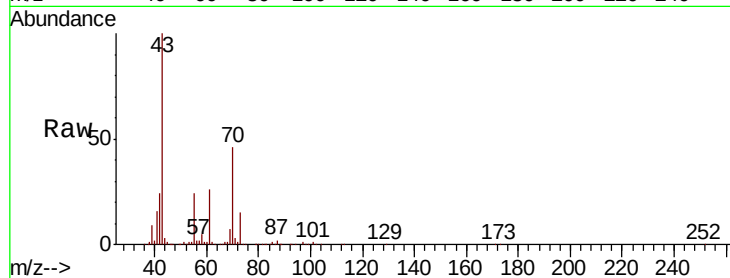
VSTDCCC020EC

Tot Ion: 43 Resp: 70050

Ion Ratio Lower Upper

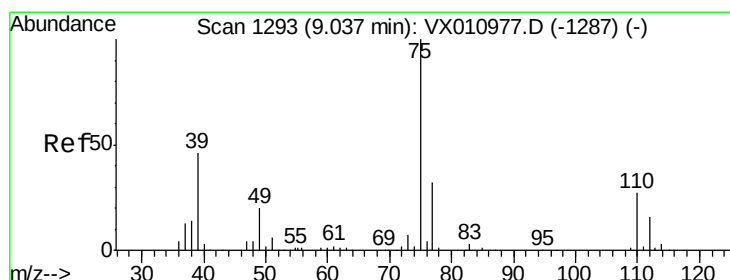
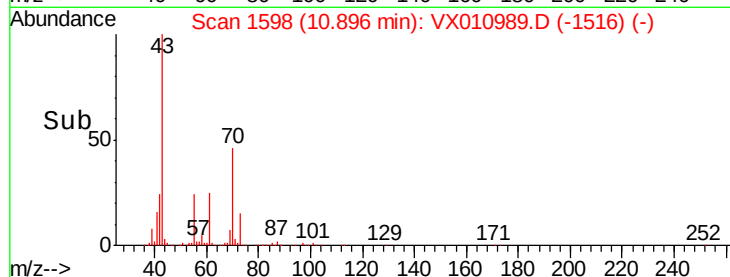
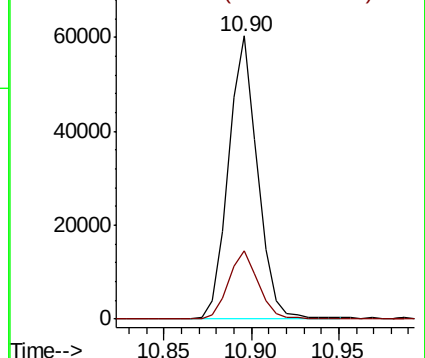
43 100

55 24.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.929 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010989.D

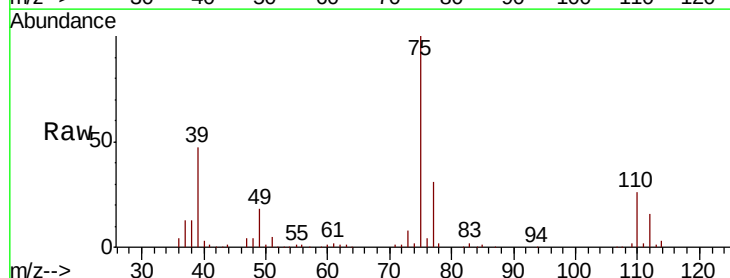
Acq: 19 Jul 2019 03:48

Tgt Ion: 75 Resp: 55438

Ion Ratio Lower Upper

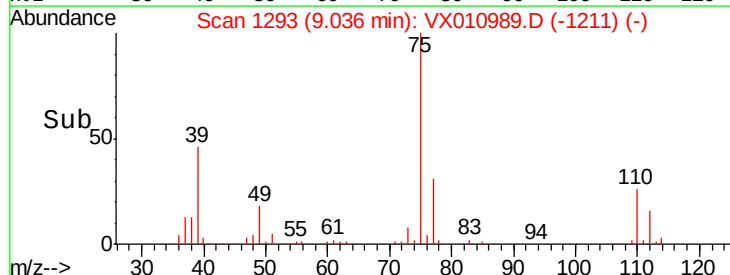
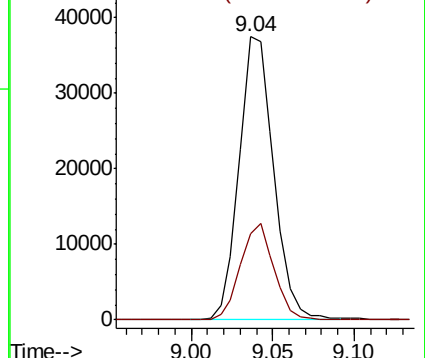
75 100

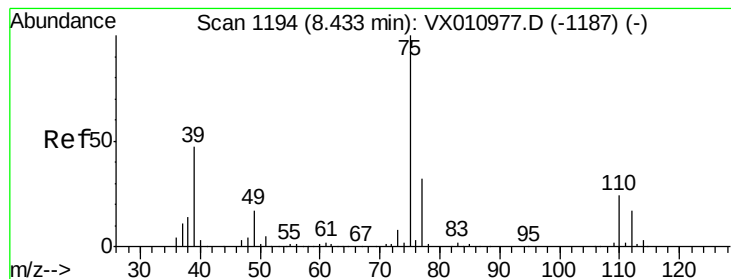
77 30.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



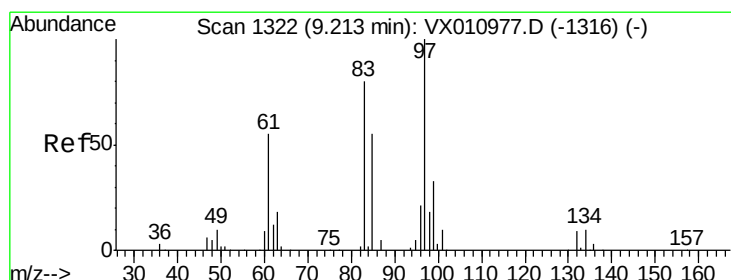
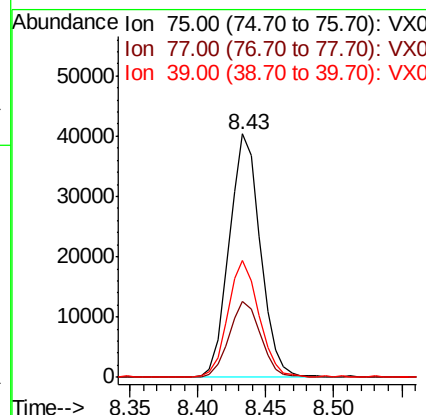
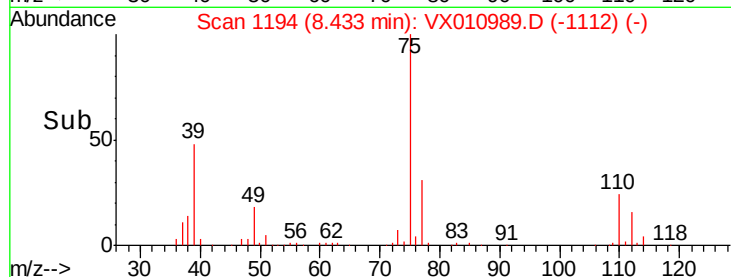
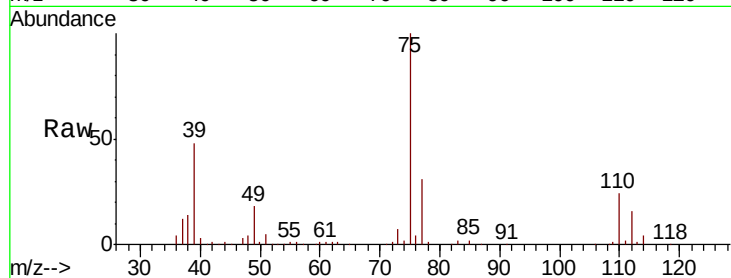


#49

cis-1,3-Dichloropropene
Concen: 19.055 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

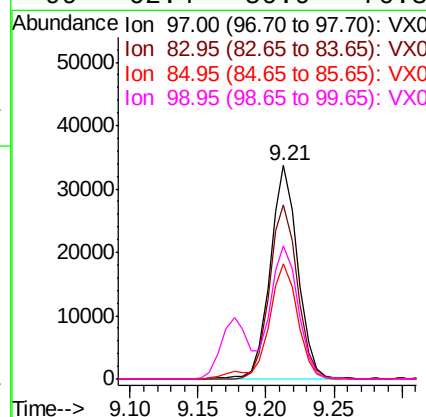
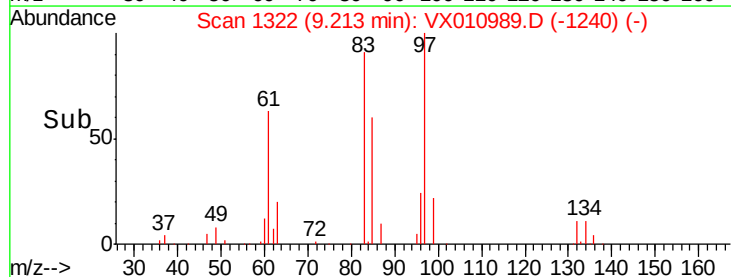
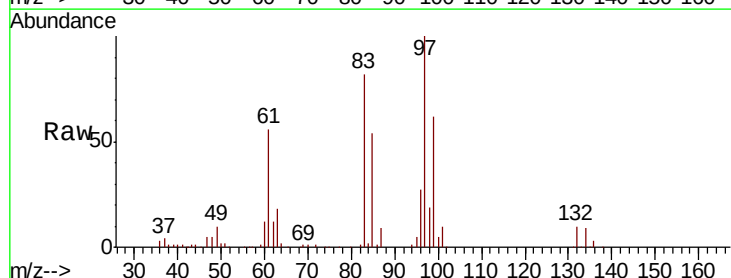
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	47.9	37.8	56.6

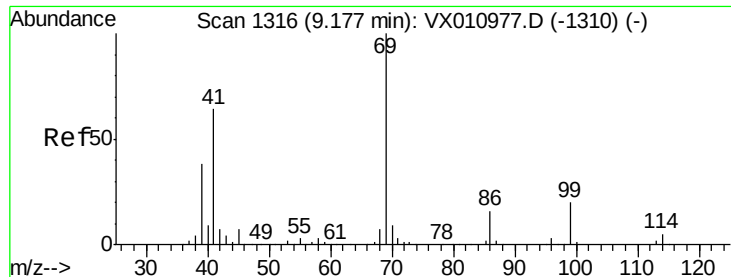


#50

1,1,2-Trichloroethane
Concen: 20.303 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	63.9	95.9
85	53.9	43.4	65.2
99	62.4	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.613 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

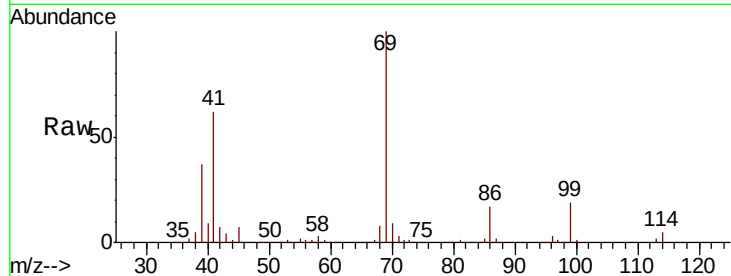
Tot Ion: 69 Resp: 71556

Ion Ratio Lower Upper

69 100

41 61.9 32.1 96.3

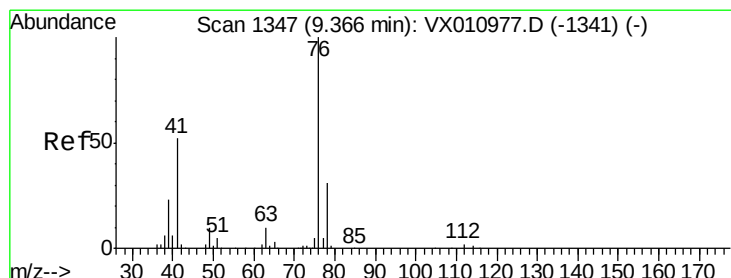
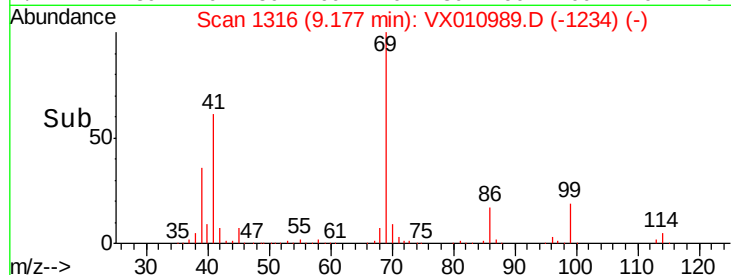
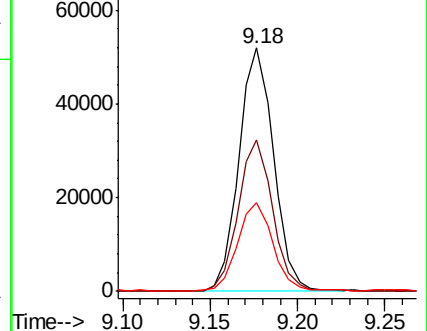
39 36.3 19.1 57.3



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: 20.115 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010989.D

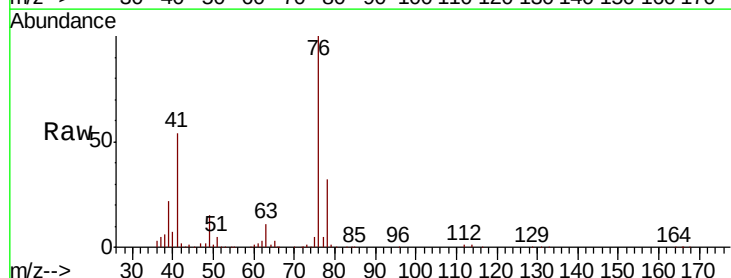
Acq: 19 Jul 2019 03:48

Tgt Ion: 76 Resp: 76254

Ion Ratio Lower Upper

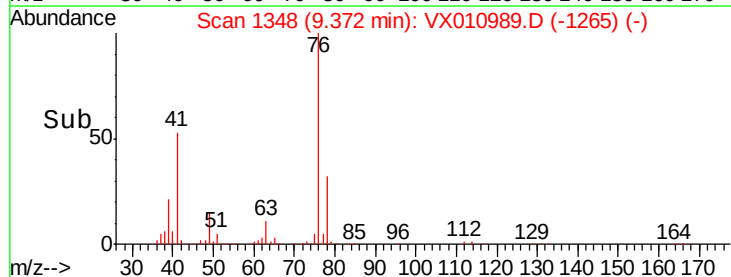
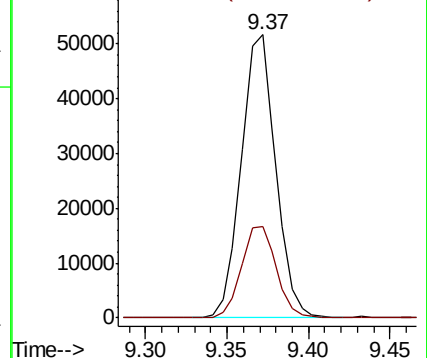
76 100

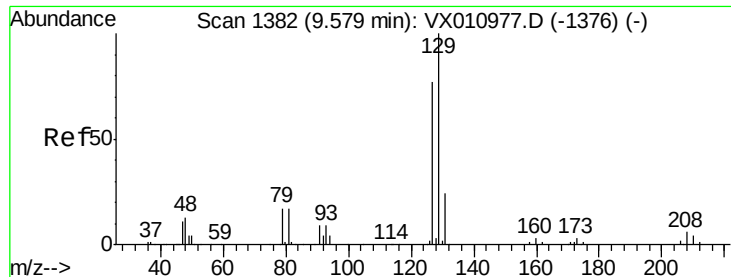
78 32.8 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

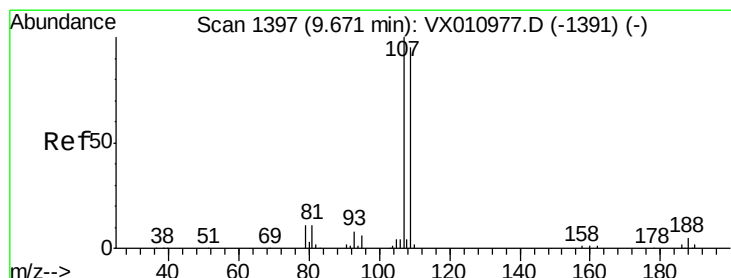
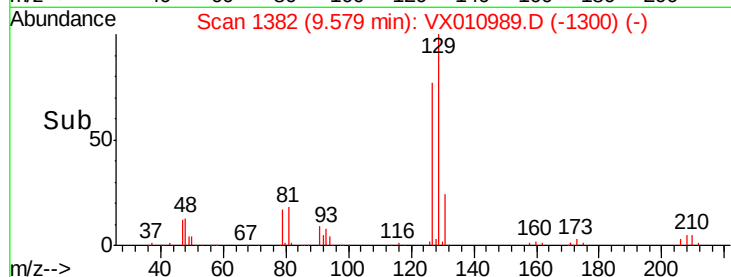
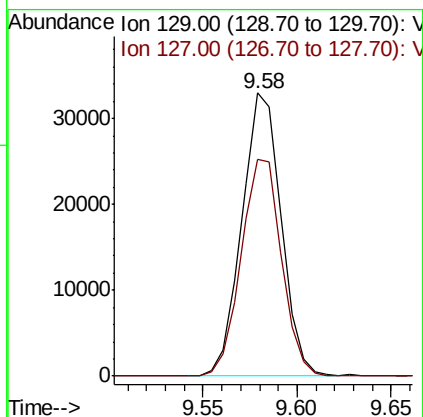
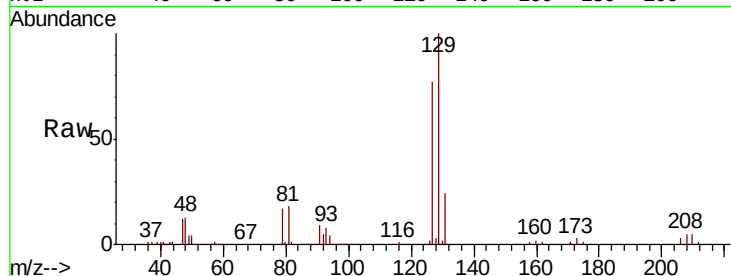




#53
Dibromochloromethane
Concen: 18.744 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

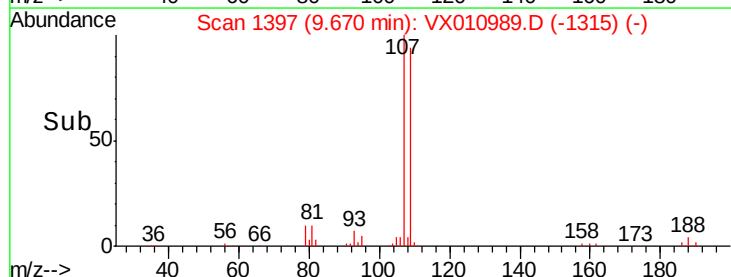
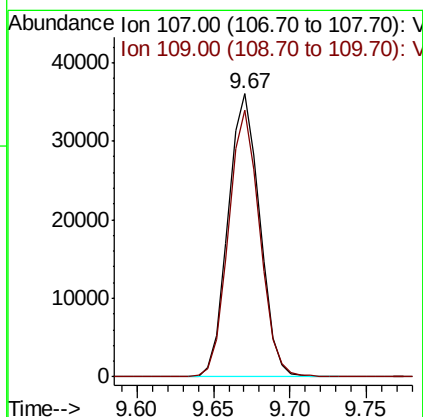
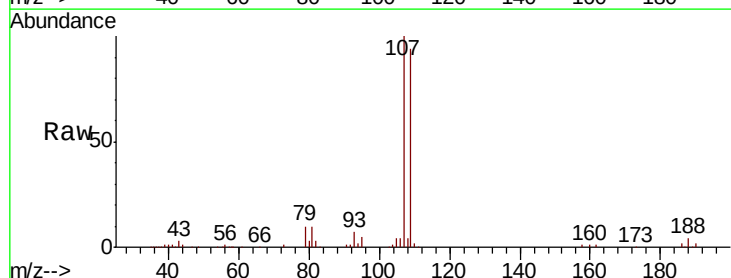
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

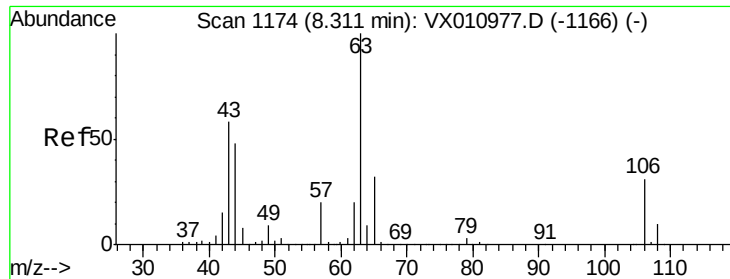
Tot Ion:129 Resp: 47755
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.3



#54
1,2-Dibromoethane
Concen: 20.131 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion:107 Resp: 51609
Ion Ratio Lower Upper
107 100
109 92.9 77.1 115.7

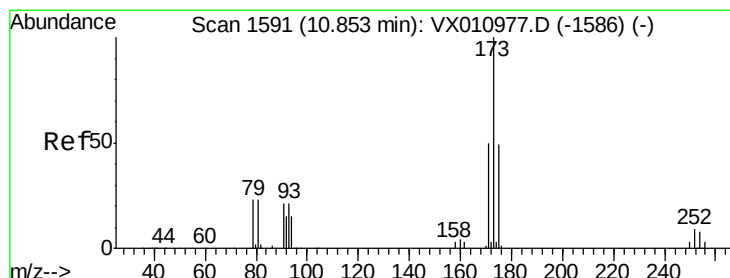
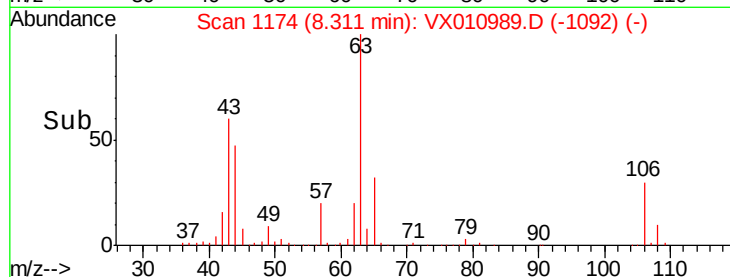
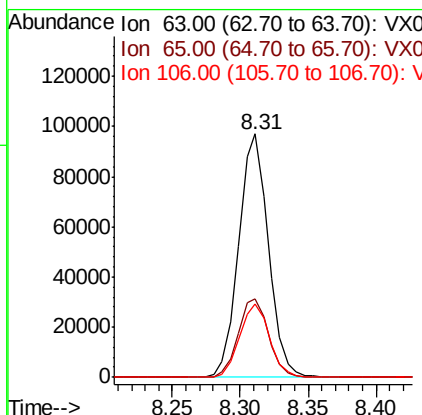
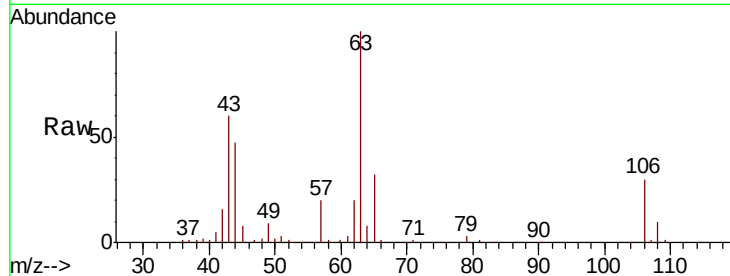




#55
2-Chloroethyl vinyl ether
Concen: 95.842 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

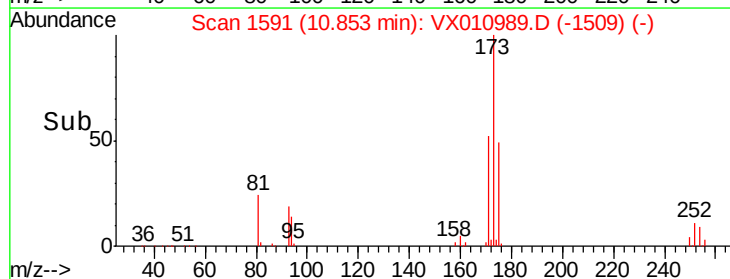
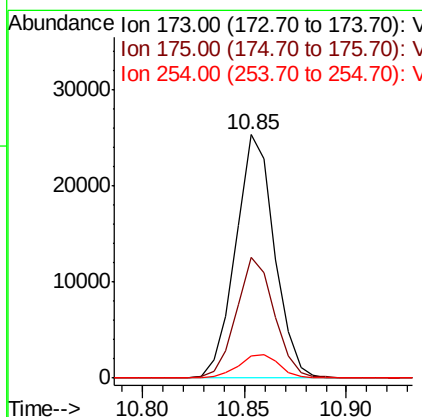
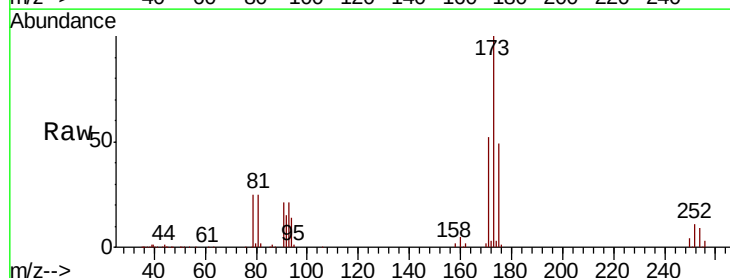
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

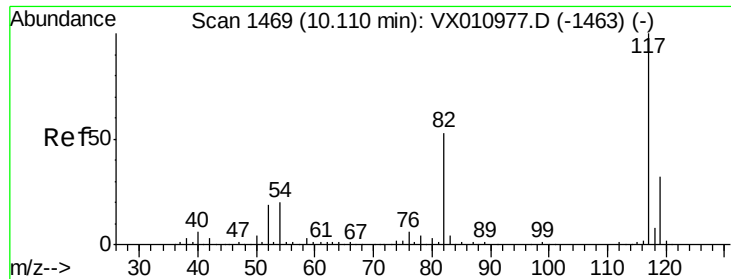
Tot Ion: 63 Resp: 148079
Ion Ratio Lower Upper
63 100
65 32.9 25.7 38.5
106 30.4 24.8 37.2



#56
Bromoform
Concen: 17.613 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 173 Resp: 33421
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
254 10.2 7.9 11.9

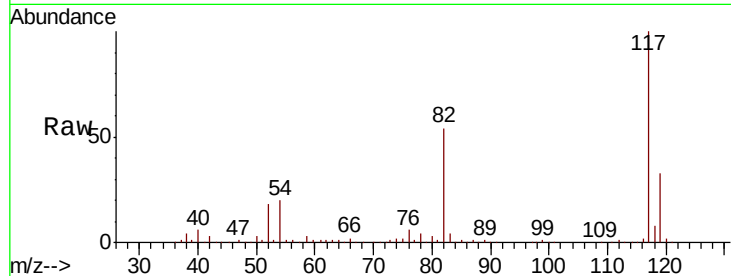




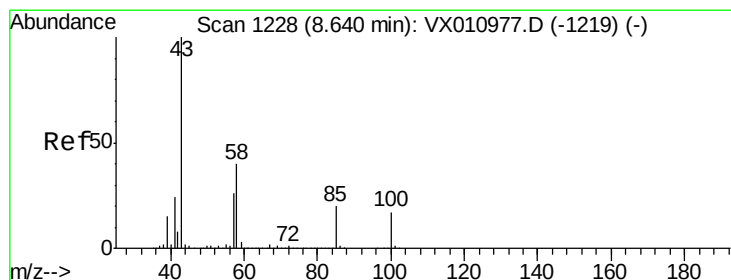
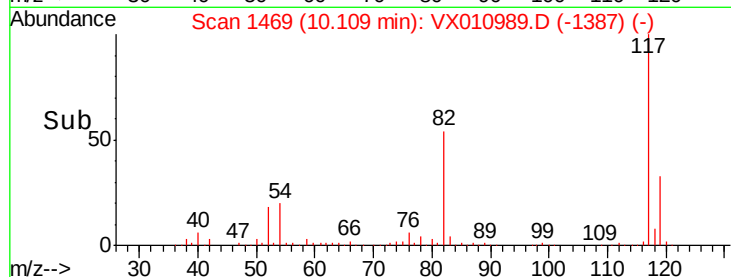
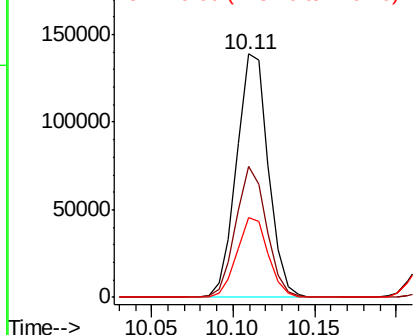
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 189041
Ion Ratio Lower Upper
117 100
82 52.2 41.6 62.4
119 32.5 26.0 39.0

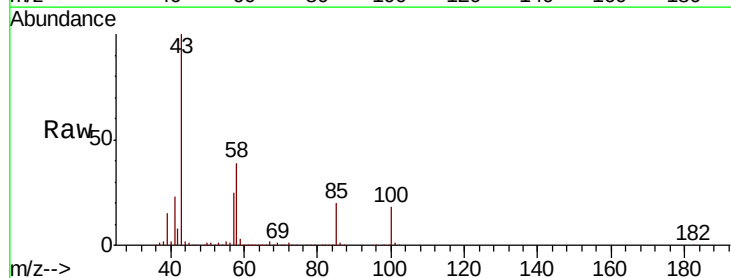


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

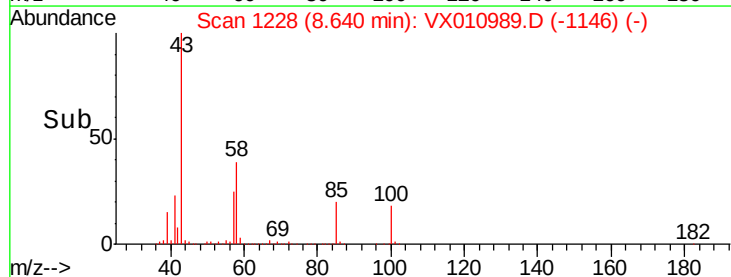
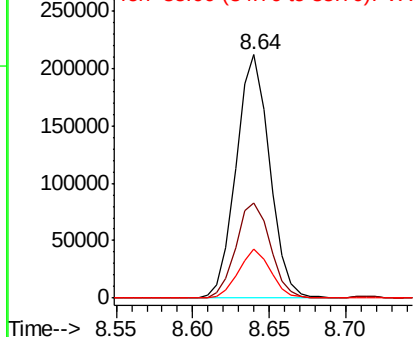


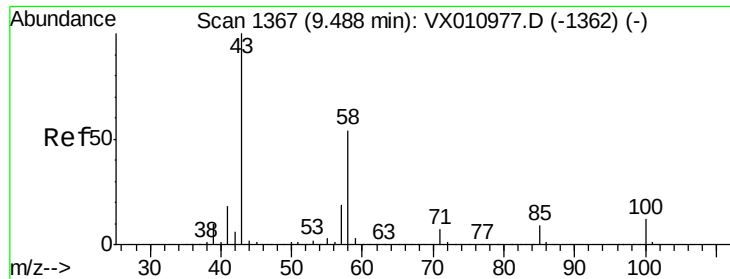
#58
4-Methyl-2-Pentanone
Concen: 100.732 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 43 Resp: 321593
Ion Ratio Lower Upper
43 100
58 40.7 32.6 48.8
85 19.4 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

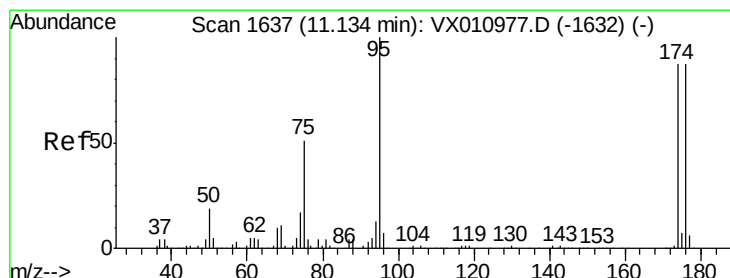
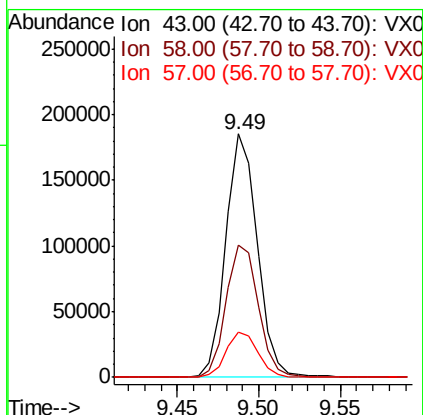
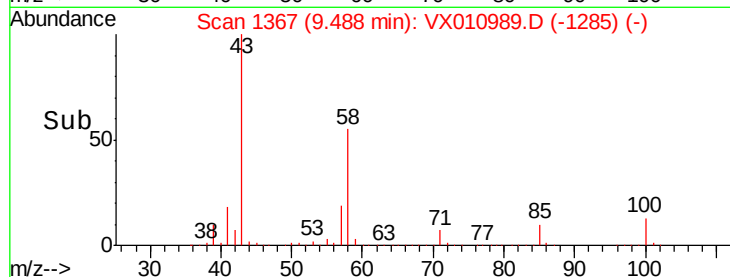
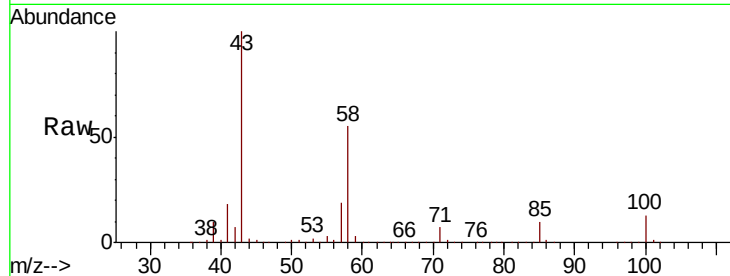




#59
2-Hexanone
Concen: 101.924 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

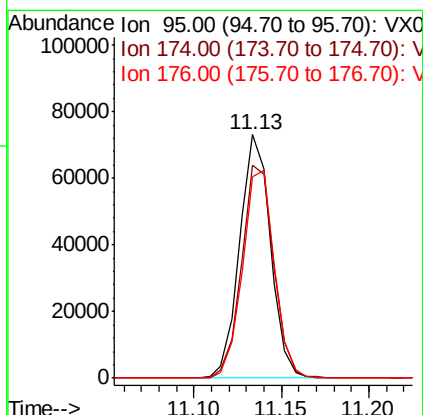
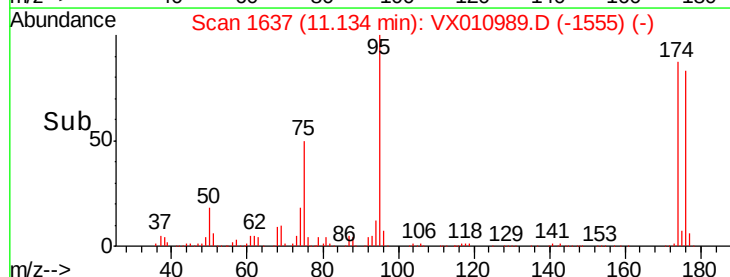
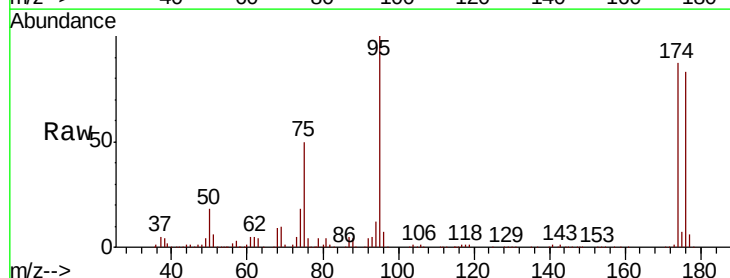
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

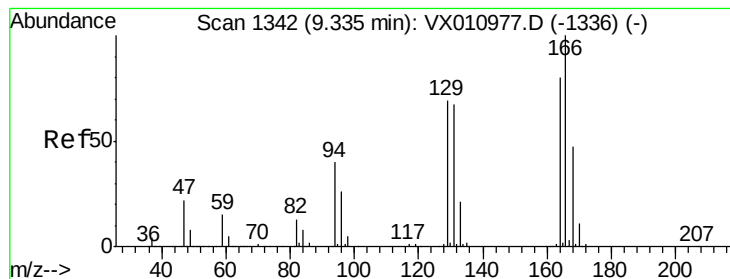
Tot Ion: 43 Resp: 249000
Ion Ratio Lower Upper
43 100
58 55.5 44.7 67.1
57 19.0 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 28.891 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion: 95 Resp: 89891
Ion Ratio Lower Upper
95 100
174 90.3 73.3 109.9
176 87.8 71.2 106.8





#61

Tetrachloroethene

Concen: 20.740 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 51766

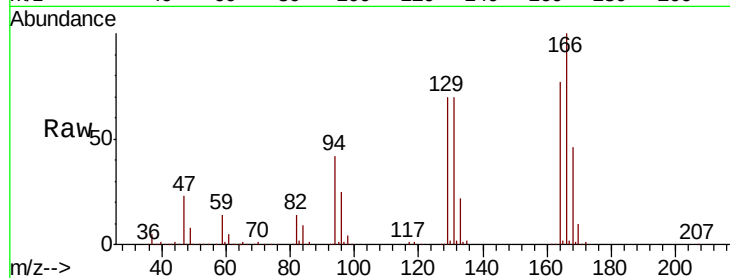
Ion Ratio Lower Upper

164 100

166 128.9 100.1 150.1

129 90.9 69.6 104.4

131 90.1 67.0 100.6

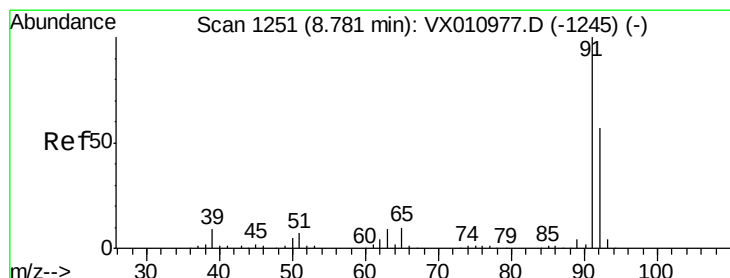
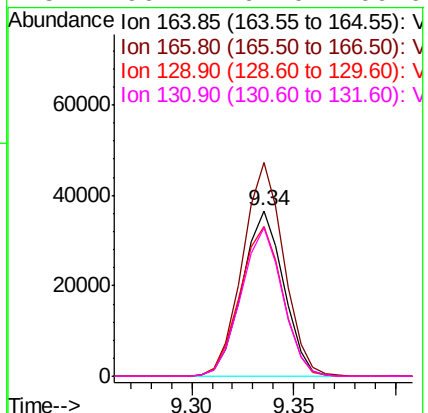
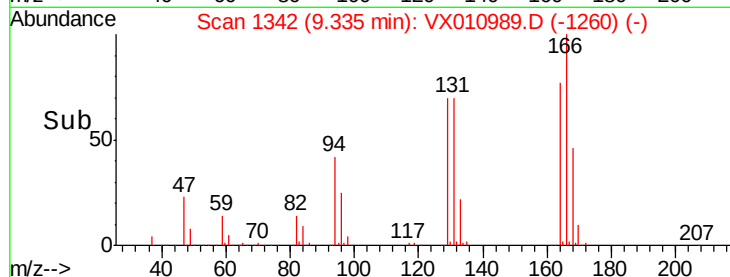


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.258 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010989.D

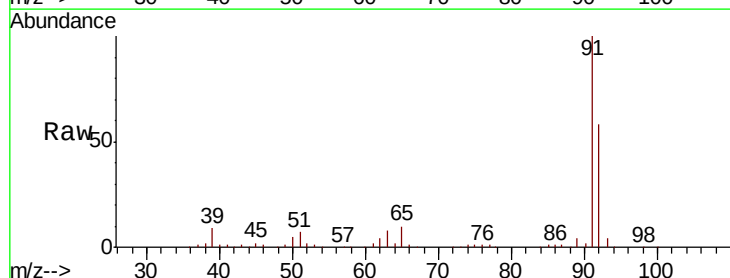
Acq: 19 Jul 2019 03:48

Tgt Ion: 91 Resp: 203446

Ion Ratio Lower Upper

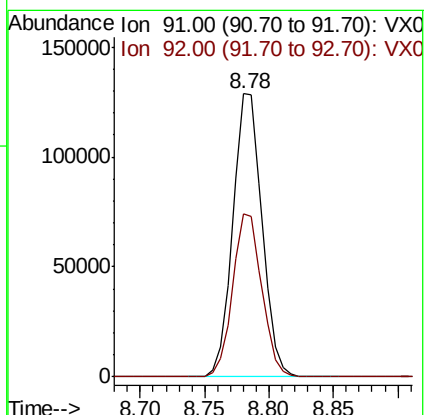
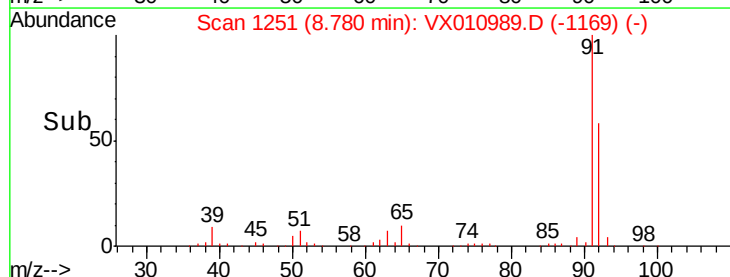
91 100

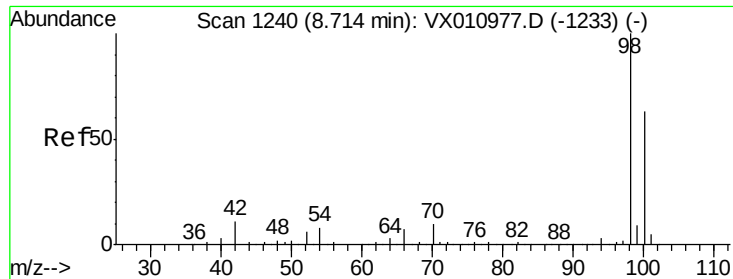
92 57.6 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.639 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

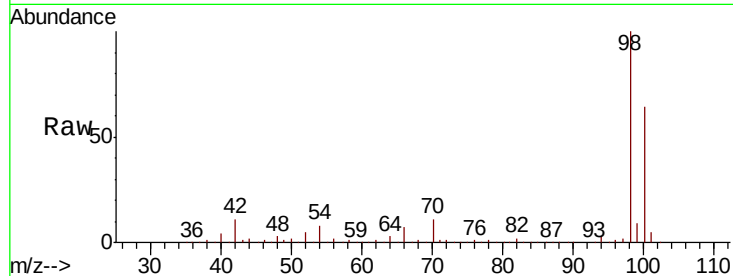
VSTDCCC020EC

Tot Ion: 98 Resp: 254579

Ion Ratio Lower Upper

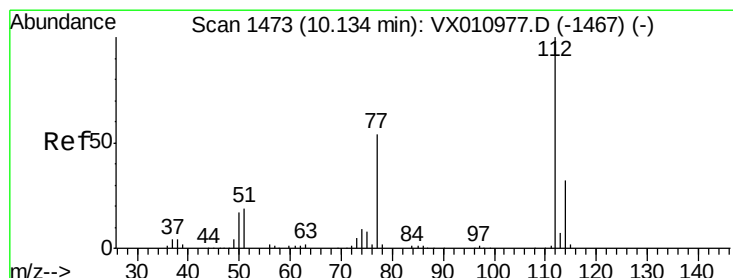
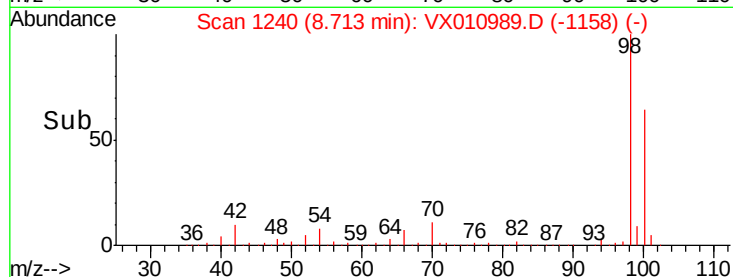
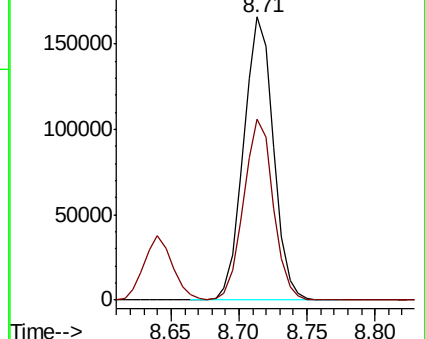
98 100

100 63.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 20.224 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010989.D

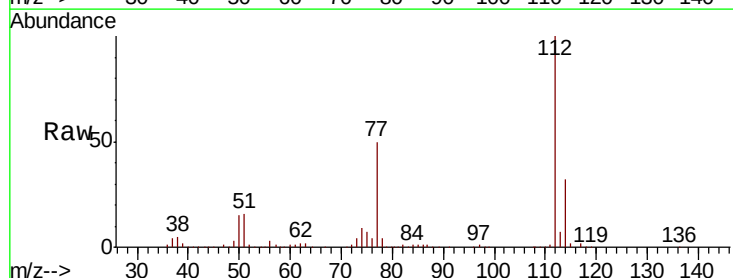
Acq: 19 Jul 2019 03:48

Tgt Ion: 112 Resp: 130128

Ion Ratio Lower Upper

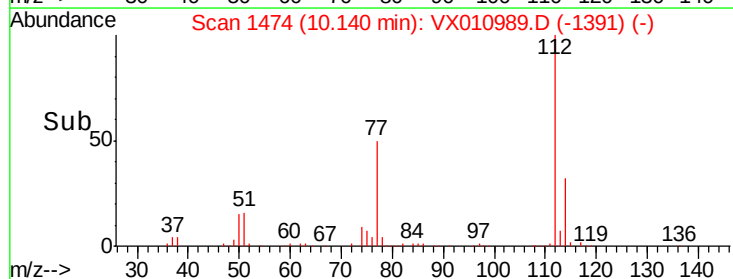
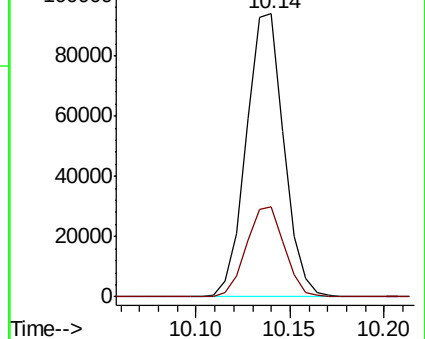
112 100

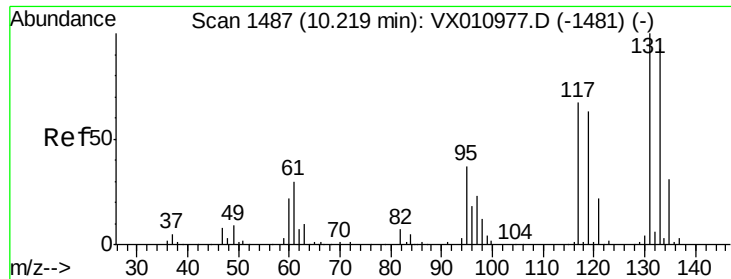
114 31.7 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

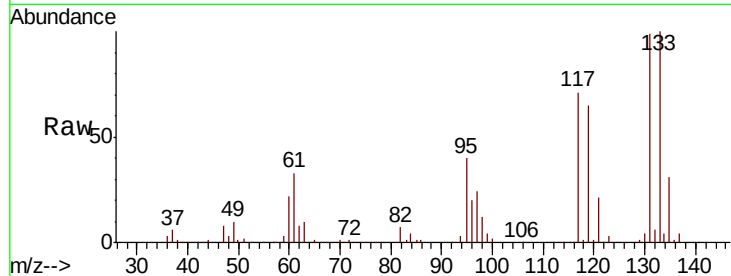




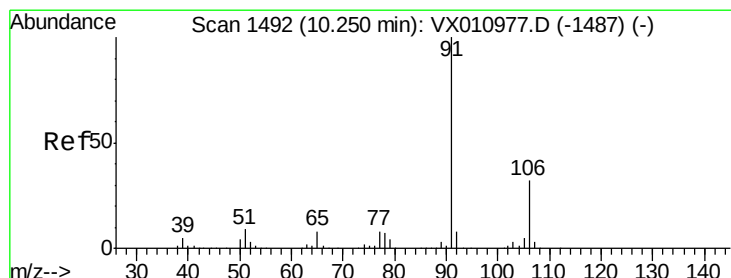
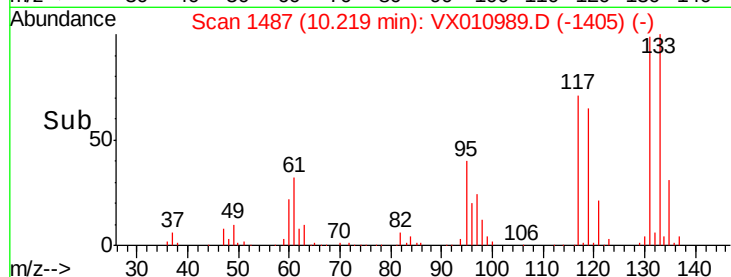
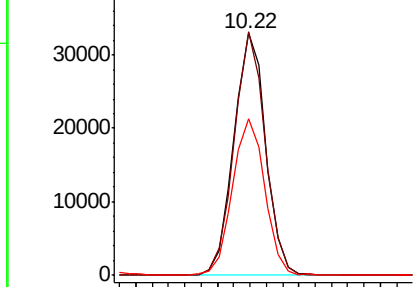
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.174 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:131 Resp: 44838
 Ion Ratio Lower Upper
 131 100
 133 97.9 0.0 190.2
 119 65.6 0.0 127.0

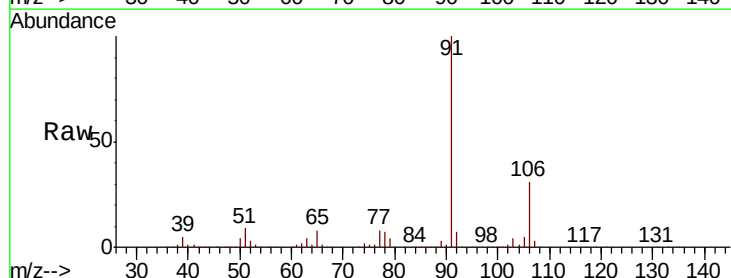


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

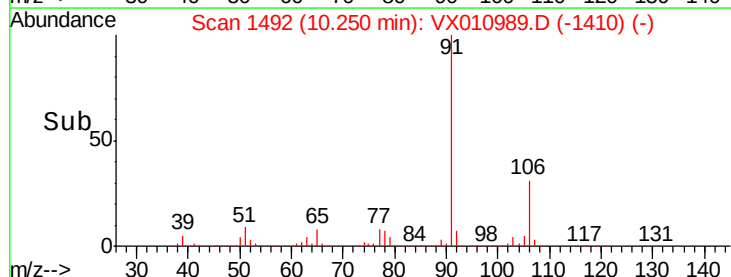
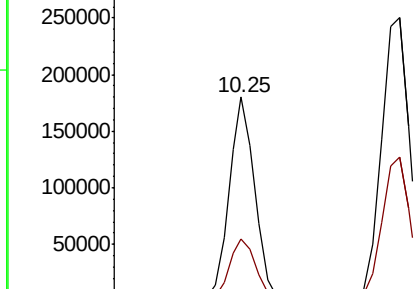


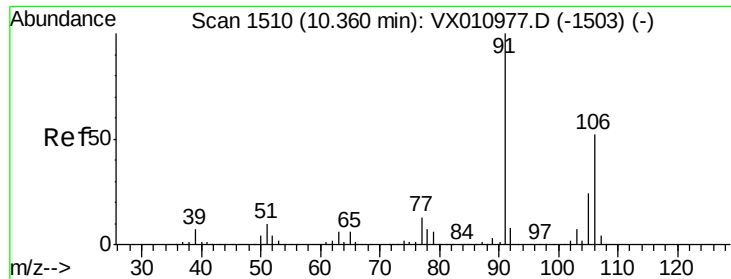
#66
 Ethyl Benzene
 Concen: 19.907 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion: 91 Resp: 225053
 Ion Ratio Lower Upper
 91 100
 106 30.7 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-Xylenes

Concen: 39.771 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

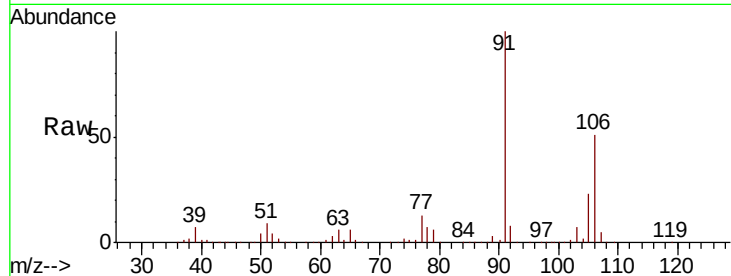
VSTDCCC020EC

Tot Ion:106 Resp: 172026

Ion Ratio Lower Upper

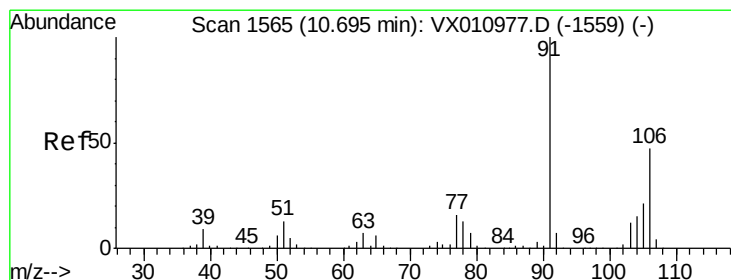
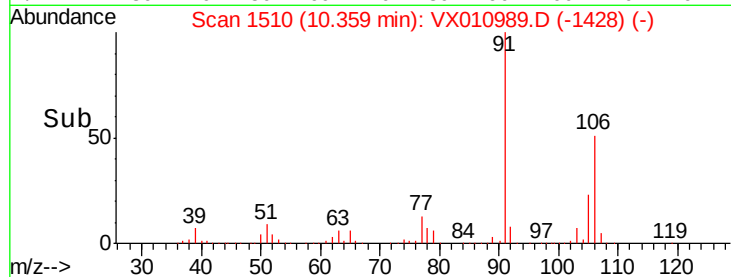
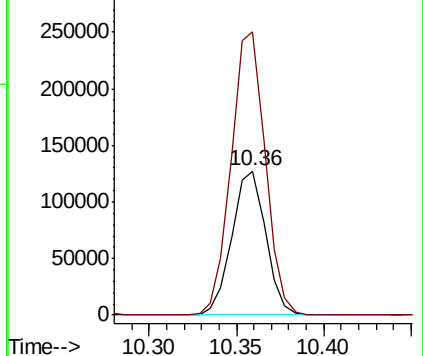
106 100

91 197.6 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.778 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX010989.D

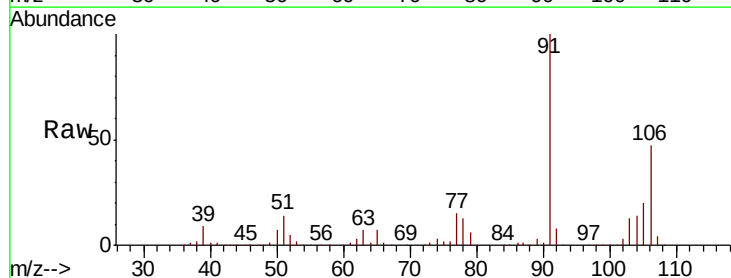
Acq: 19 Jul 2019 03:48

Tgt Ion:106 Resp: 83822

Ion Ratio Lower Upper

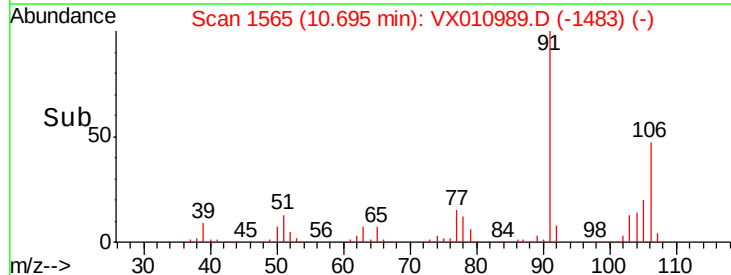
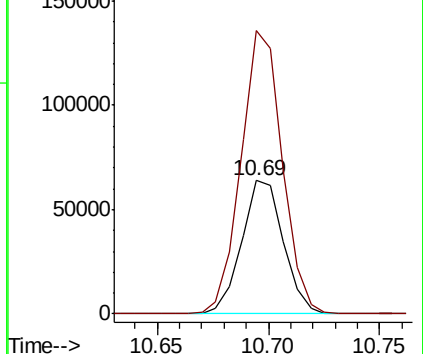
106 100

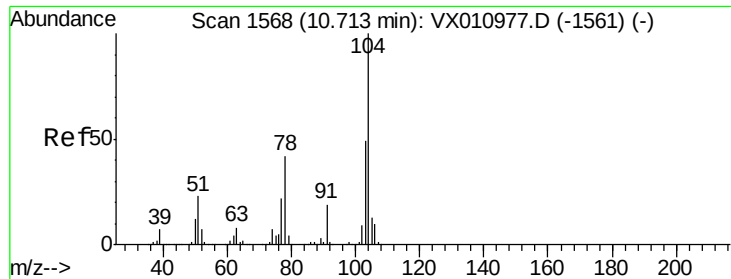
91 209.5 104.0 312.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

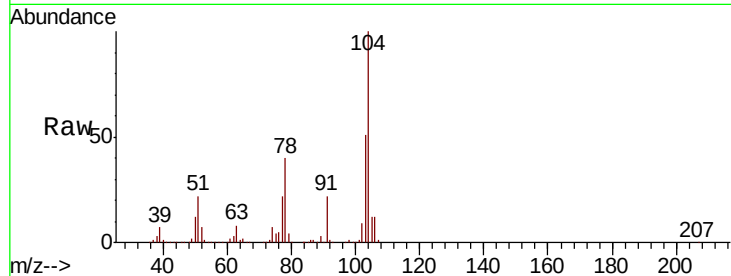




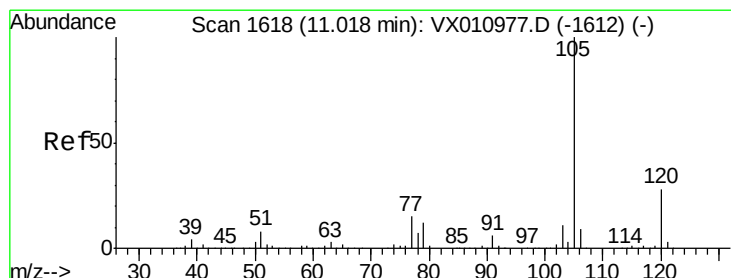
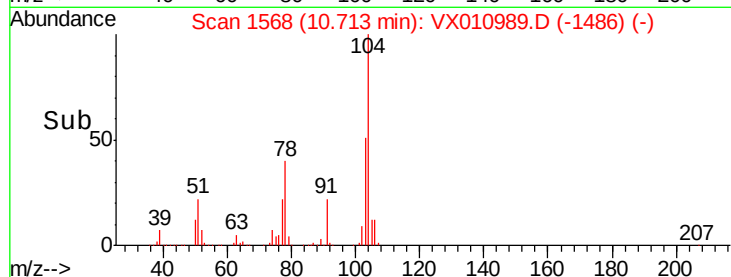
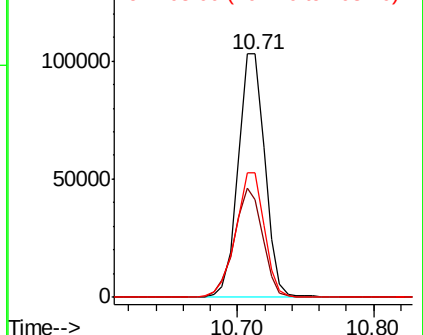
#69
Stvrene
Concen: 19.856 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:104 Resp: 141457
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 54.6 44.6 67.0

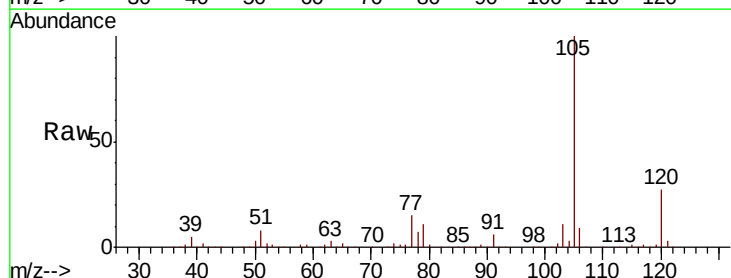


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

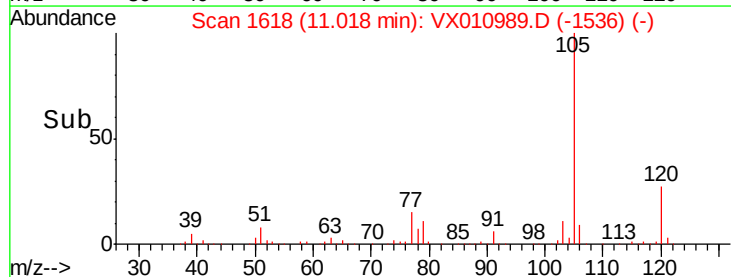
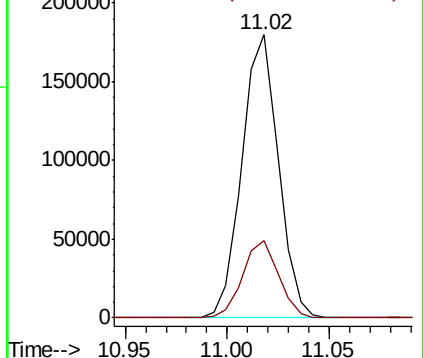


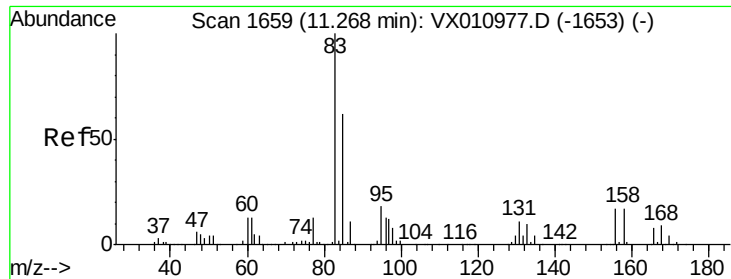
#70
Isopropylbenzene
Concen: 19.879 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion:105 Resp: 224352
Ion Ratio Lower Upper
105 100
120 27.0 19.4 36.0



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

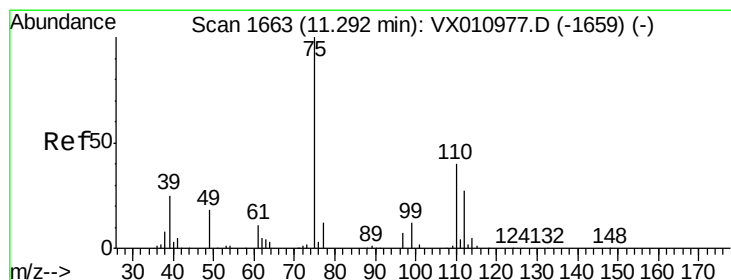
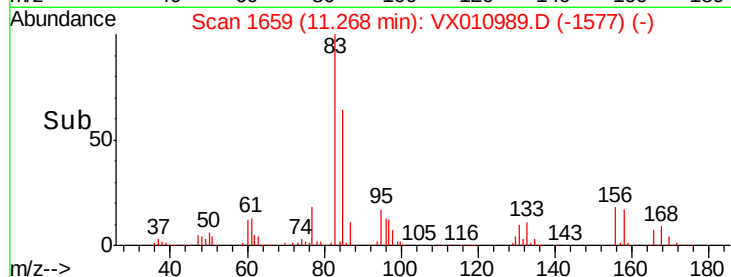
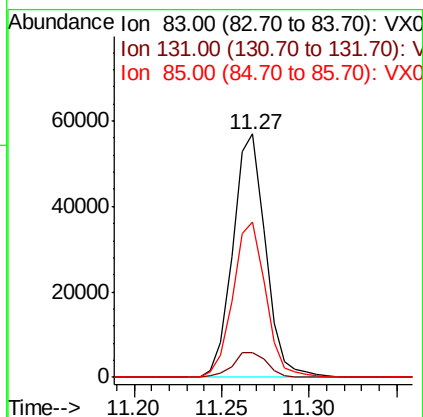
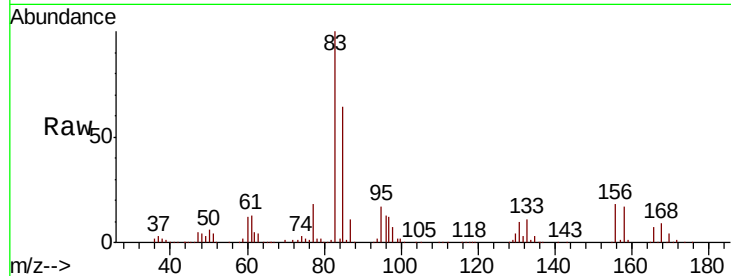




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.441 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

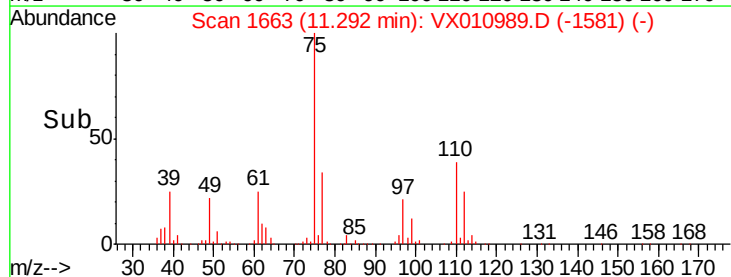
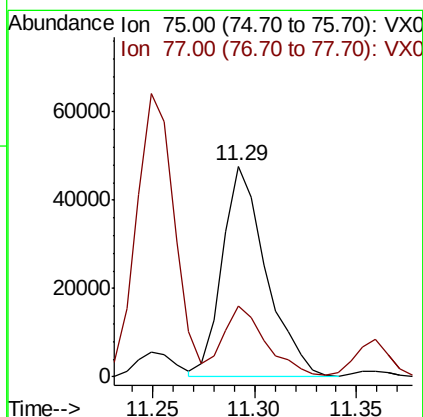
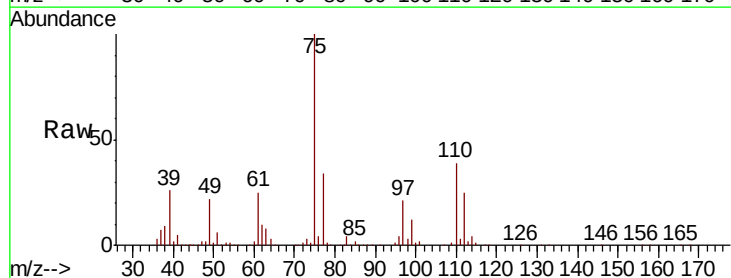
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

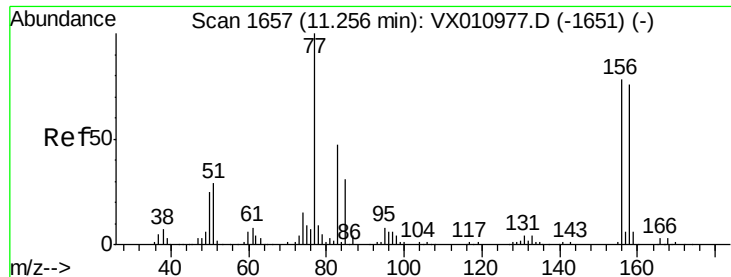
Tot Ion: 83 Resp: 74385
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.5 16.4
 85 63.9 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 23.503 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion: 75 Resp: 71389
 Ion Ratio Lower Upper
 75 100
 77 32.8 0.0 84.0





#73

Bromobenzene

Concen: 19.930 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

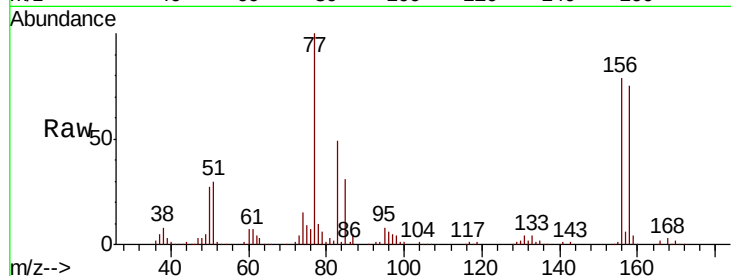
Tot Ion:156 Resp: 60687

Ion Ratio Lower Upper

156 100

77 135.9 0.0 275.8

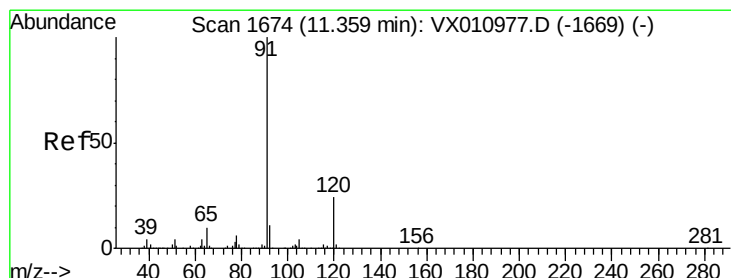
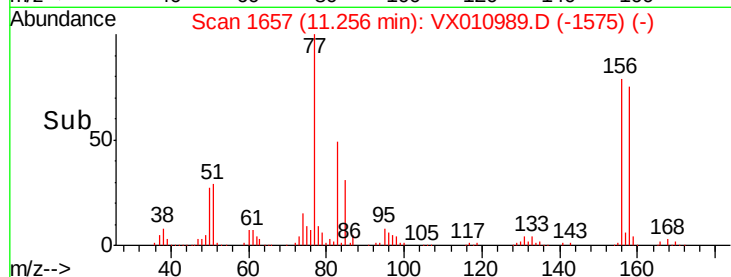
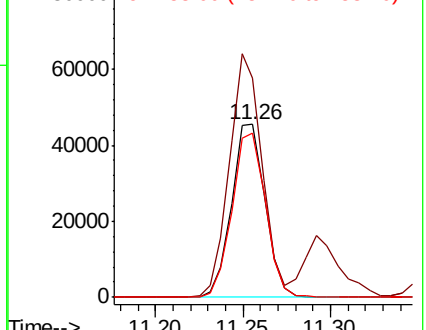
158 94.8 0.0 195.2



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: 19.606 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010989.D

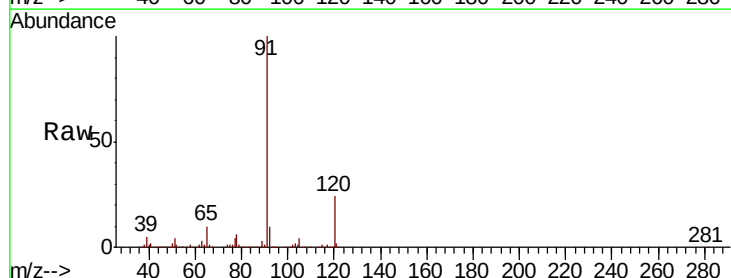
Acq: 19 Jul 2019 03:48

Tgt Ion: 91 Resp: 249032

Ion Ratio Lower Upper

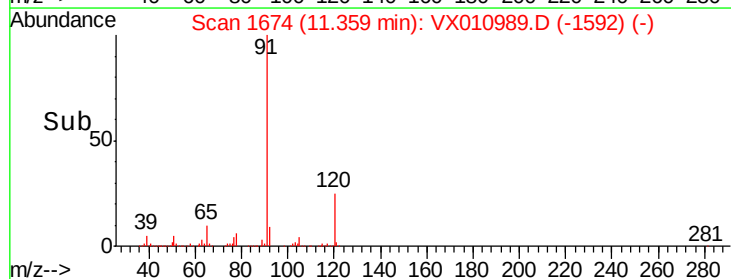
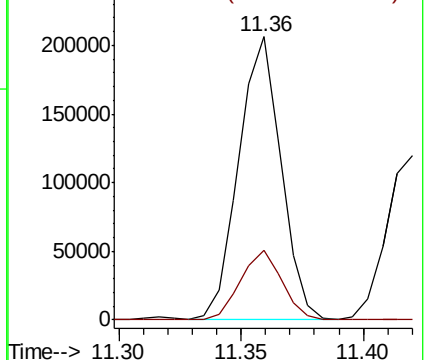
91 100

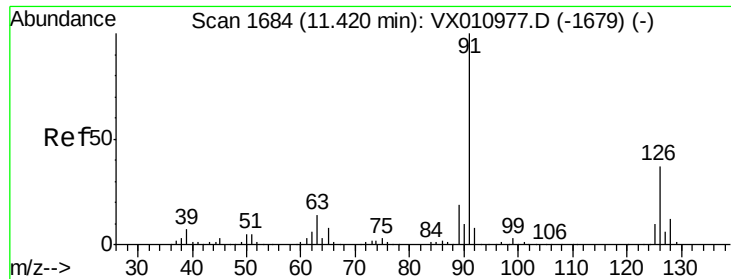
120 24.0 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.810 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

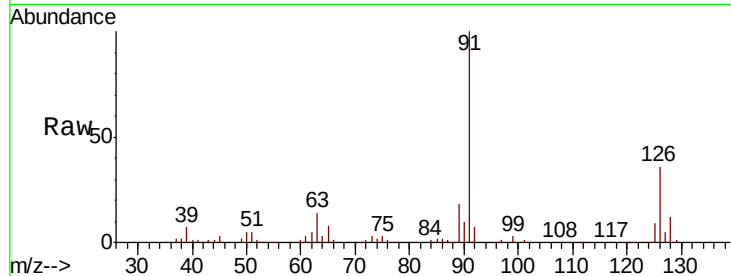
VSTDCCC020EC

Tot Ion: 91 Resp: 149863

Ion Ratio Lower Upper

91 100

126 35.6 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) (-)

200000

150000

100000

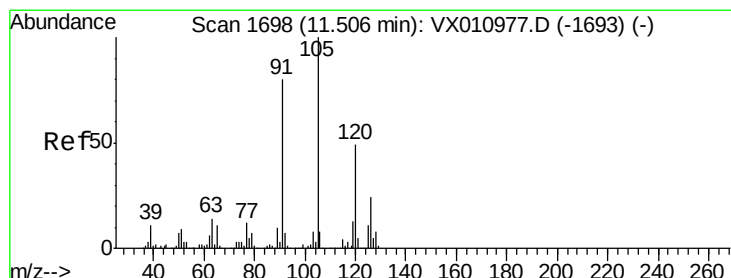
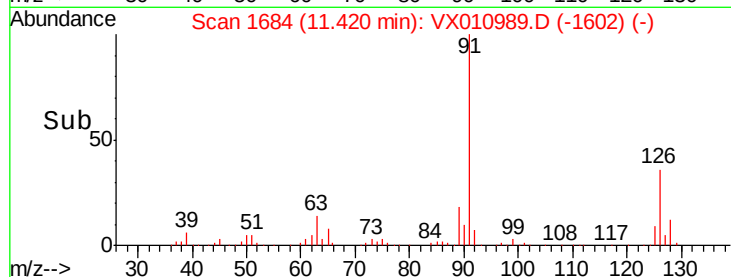
50000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.587 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010989.D

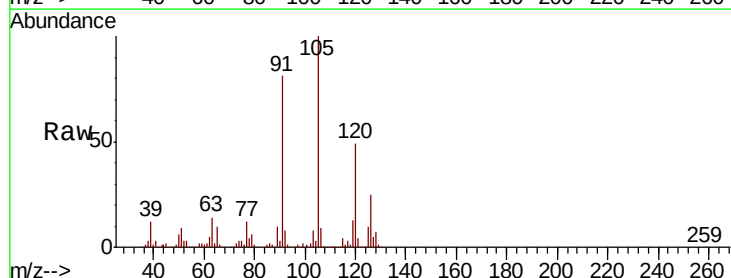
Acq: 19 Jul 2019 03:48

Tgt Ion:105 Resp: 187107

Ion Ratio Lower Upper

105 100

120 49.1 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) (-)

150000

100000

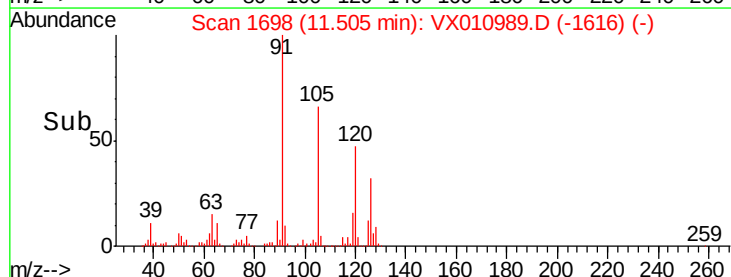
50000

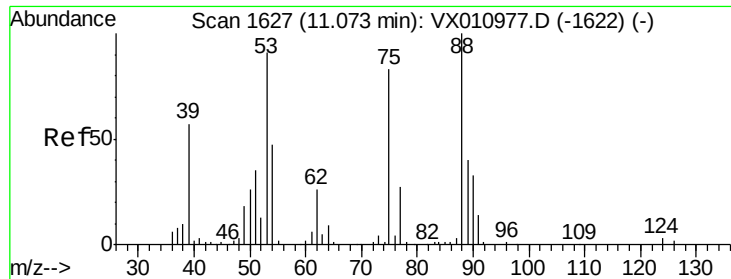
0

11.51

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 12.566 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

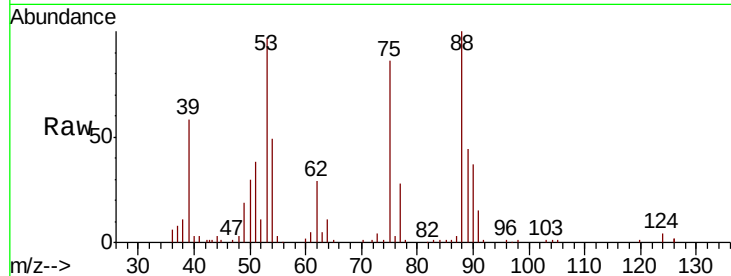
Tot Ion: 75 Resp: 12594

Ion Ratio Lower Upper

75 100

53 113.0 54.8 164.3

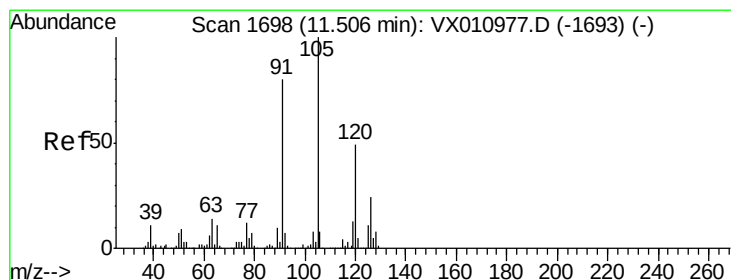
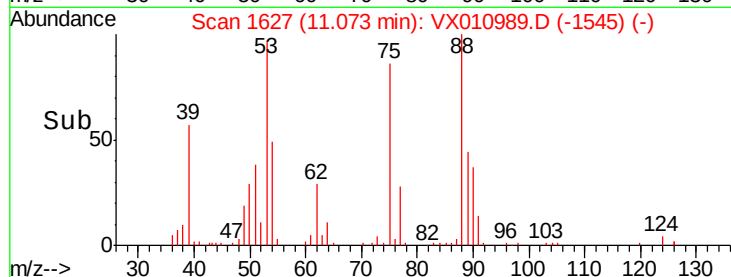
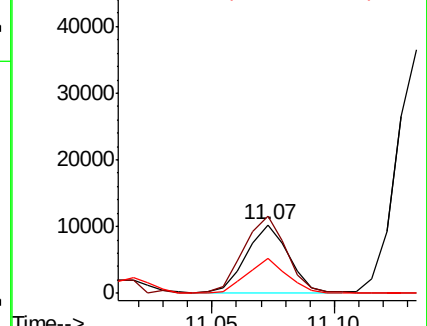
89 51.1 24.6 73.6



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: 19.652 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010989.D

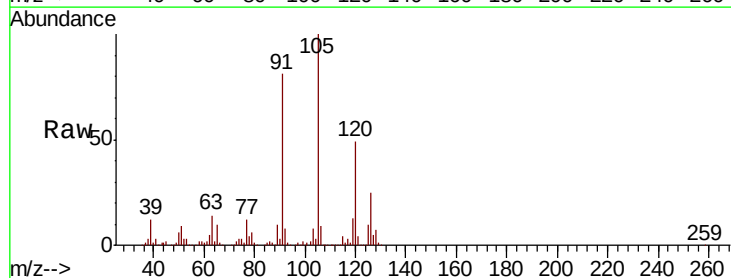
Acq: 19 Jul 2019 03:48

Tgt Ion: 91 Resp: 170742

Ion Ratio Lower Upper

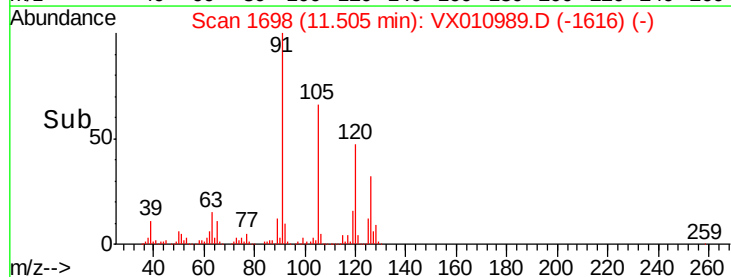
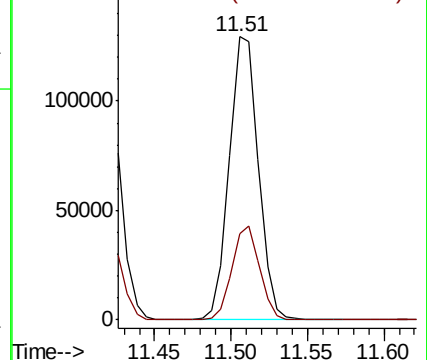
91 100

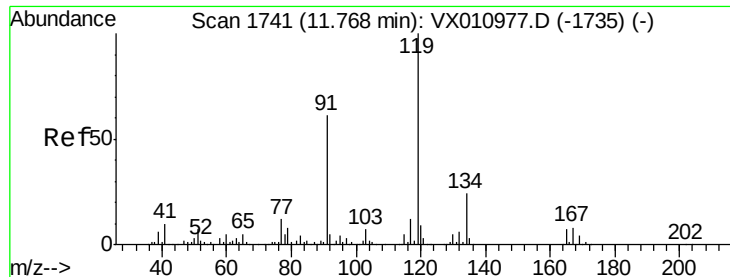
126 31.3 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

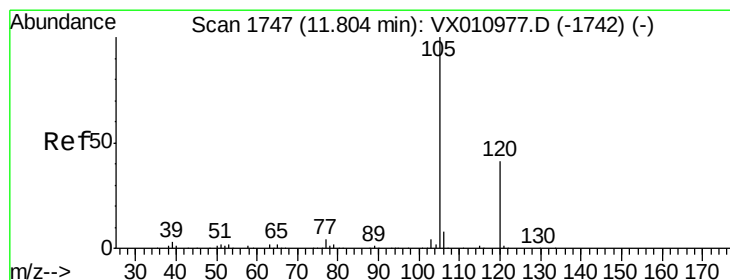
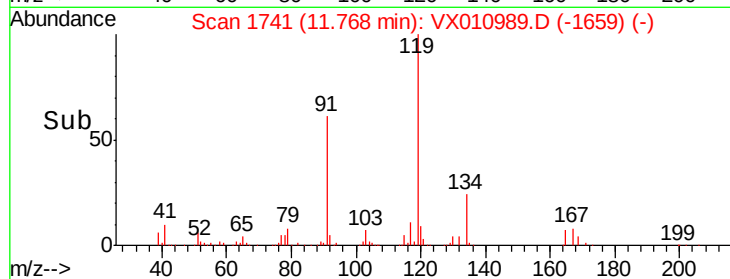
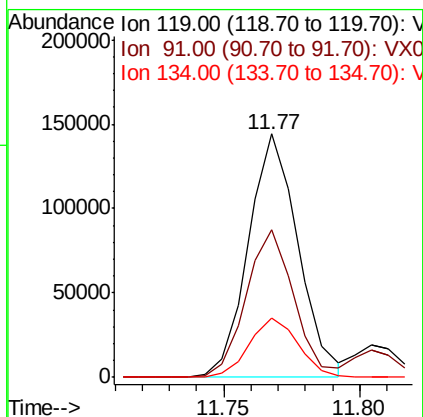
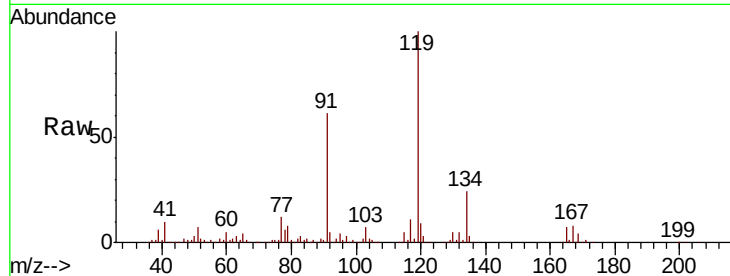




#79
tert-butylbenzene
Concen: 19.693 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

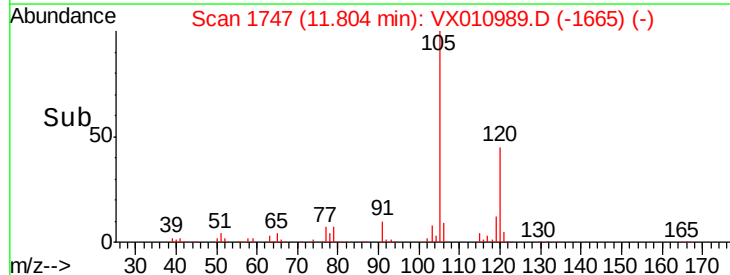
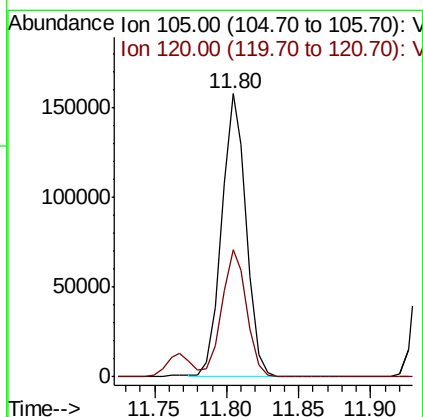
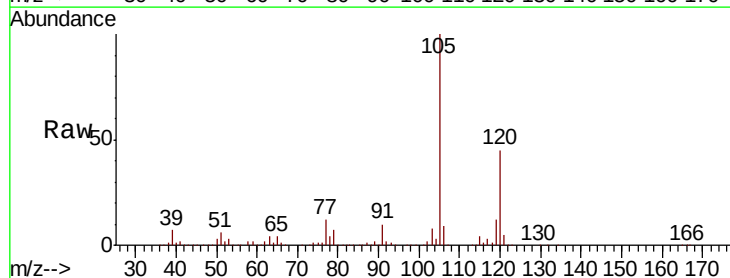
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

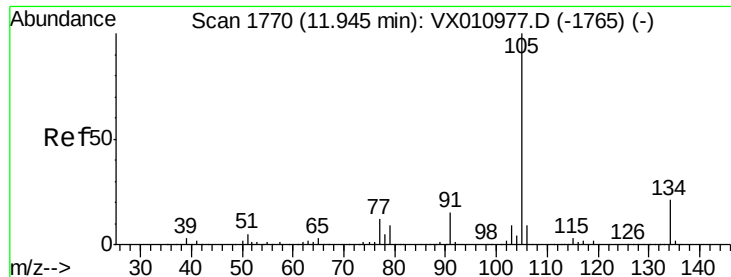
Tot Ion:119 Resp: 182470
Ion Ratio Lower Upper
119 100
91 58.7 0.0 118.4
134 24.1 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 19.603 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion:105 Resp: 188575
Ion Ratio Lower Upper
105 100
120 45.7 0.0 91.6

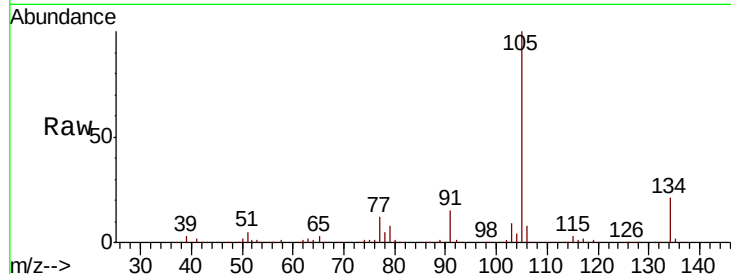




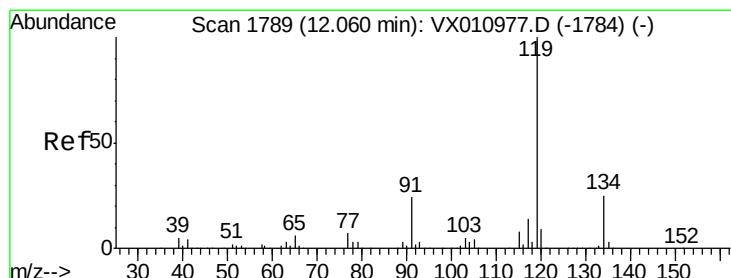
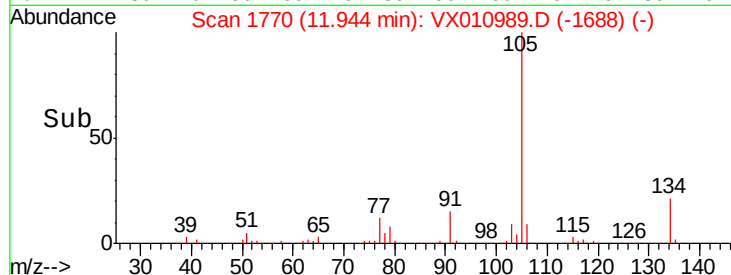
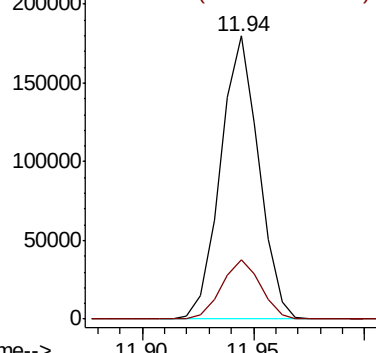
#81
 sec-Butylbenzene
 Concen: 19.744 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:105 Resp: 215645
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 41.8

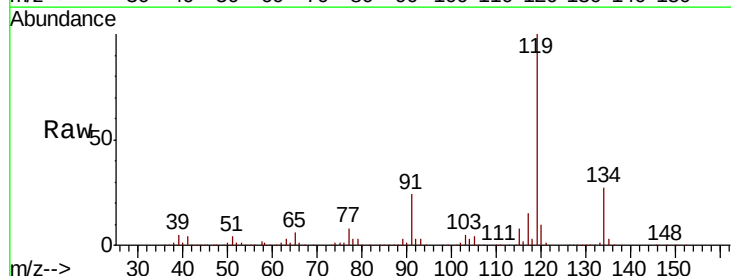


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

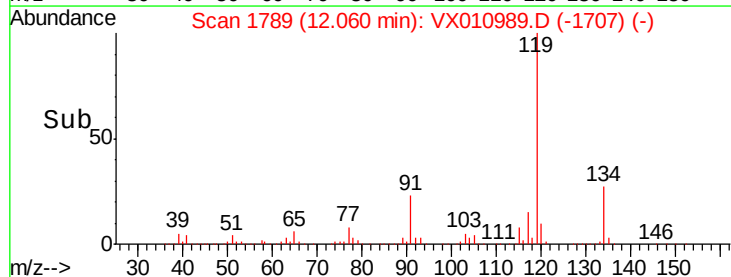
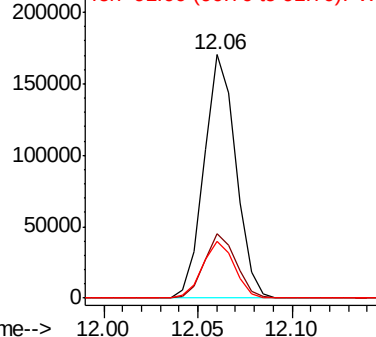


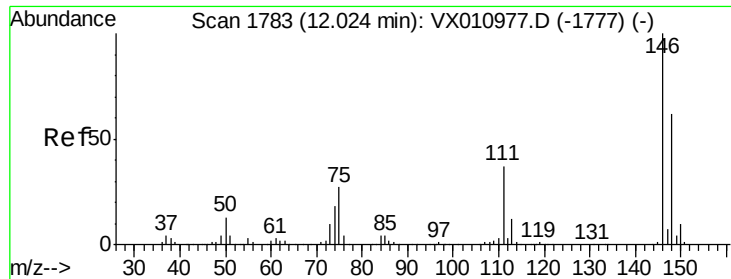
#82
 p-Isopropyltoluene
 Concen: 19.670 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion:119 Resp: 199360
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.8
 91 23.4 0.0 47.0



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

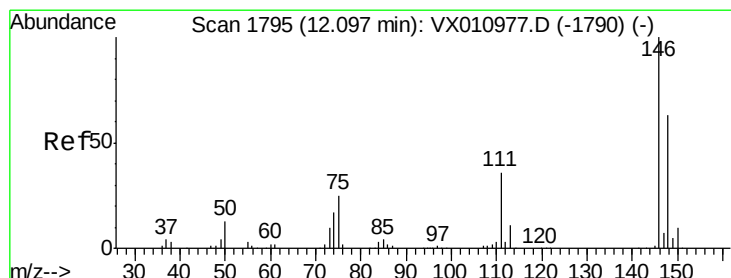
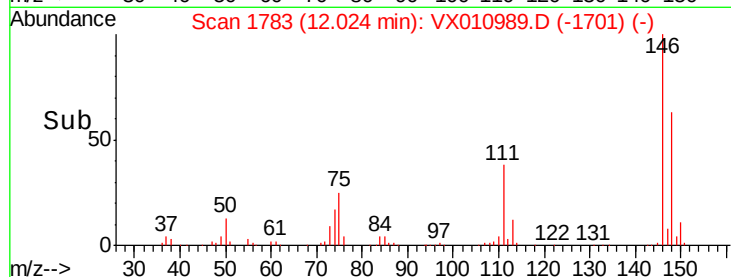
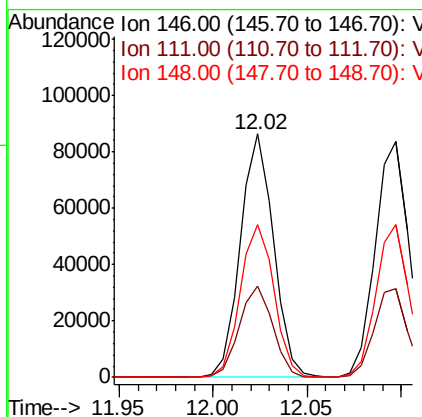
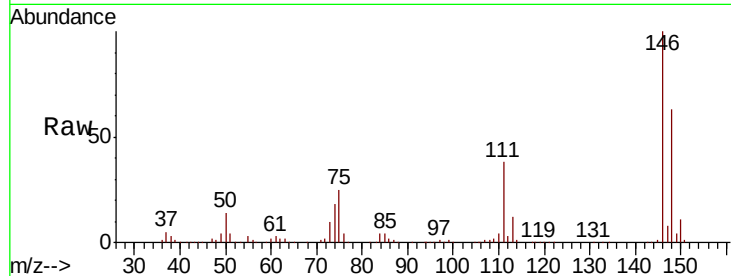




#83
 1,3-Dichlorobenzene
 Concen: 19.612 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

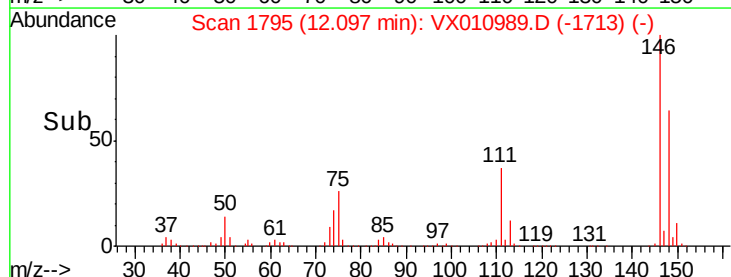
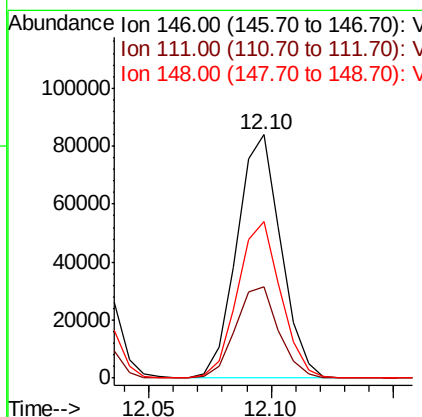
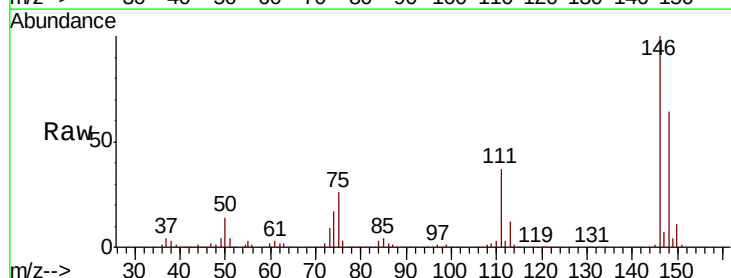
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

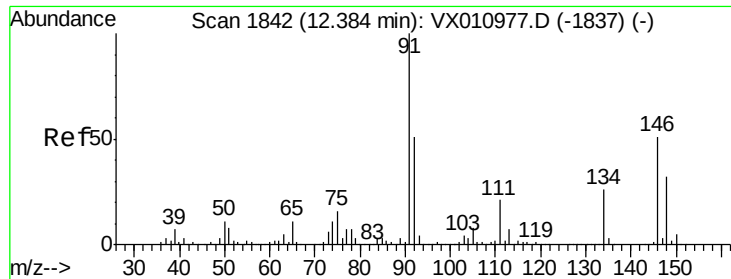
Tot Ion:146 Resp: 105424
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 63.8 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 19.597 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion:146 Resp: 104706
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.5 55.5
 148 63.3 32.0 96.0





#85

n-Butylbenzene

Concen: 19.110 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

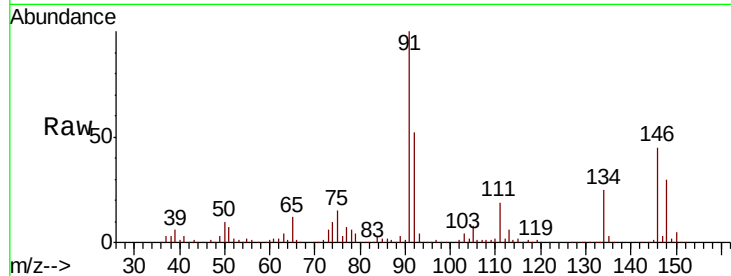
Tot Ion: 91 Resp: 164933

Ion Ratio Lower Upper

91 100

92 52.1 0.0 103.6

134 27.7 0.0 54.2

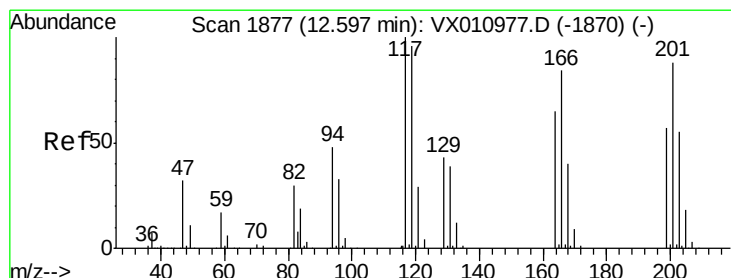
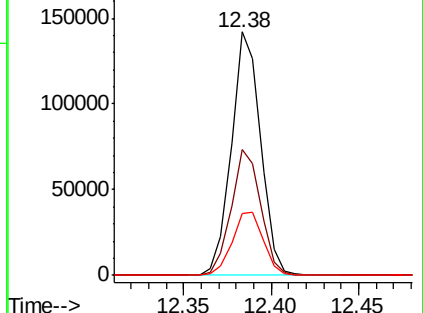
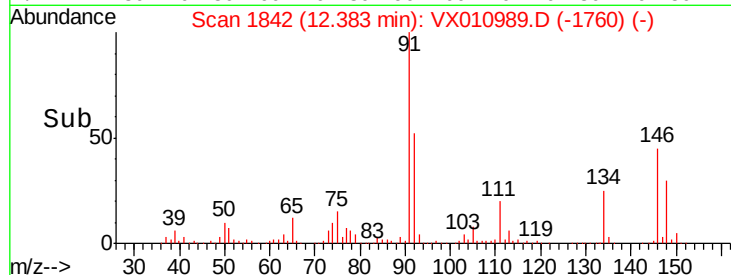


Abundance Ion 91.00 (90.70 to 91.70): VX010977.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX010977.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX010977.D (-1837) (-)

Time-->



#86

Hexachloroethane

Concen: 16.238 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX010989.D

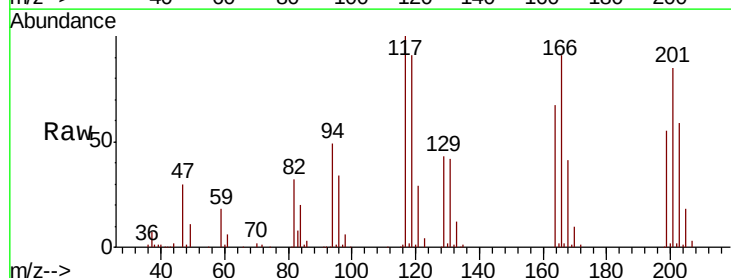
Acq: 19 Jul 2019 03:48

Tgt Ion: 117 Resp: 25956

Ion Ratio Lower Upper

117 100

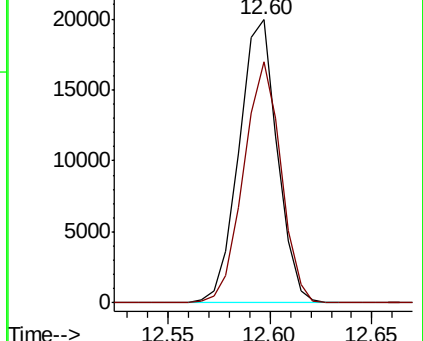
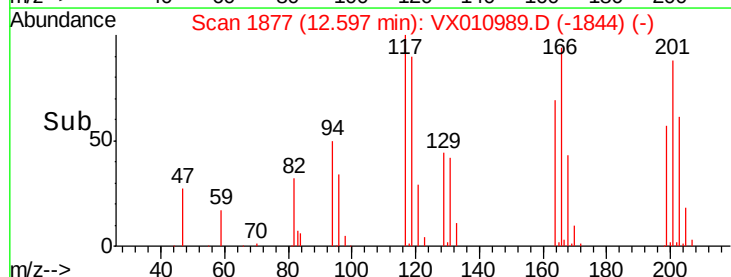
201 83.4 42.1 126.3

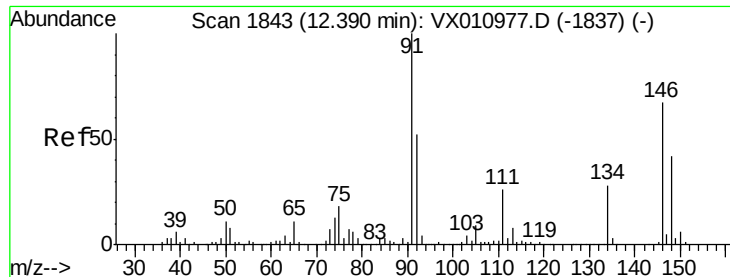


Abundance Ion 117.00 (116.70 to 117.70): VX010977.D (-1870) (-)

Ion 201.00 (200.70 to 201.70): VX010977.D (-1870) (-)

Time-->





#87

1,2-Dichlorobenzene

Concen: 19.943 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

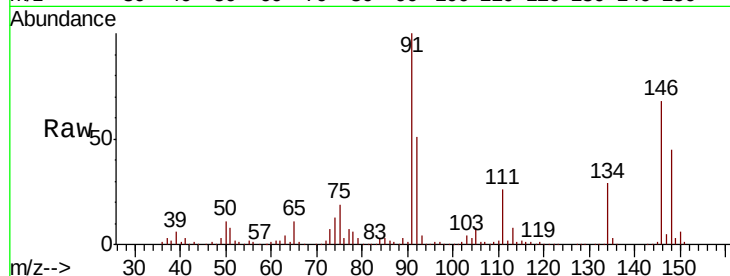
Tot Ion:146 Resp: 104961

Ion Ratio Lower Upper

146 100

111 38.7 19.5 58.5

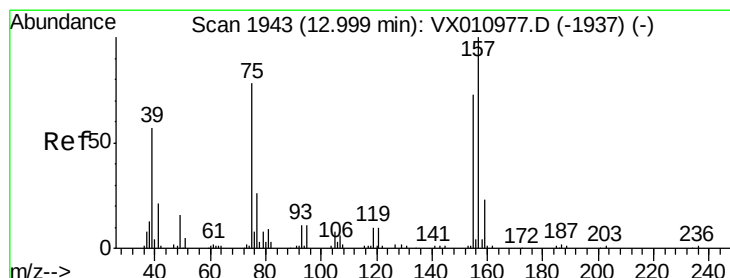
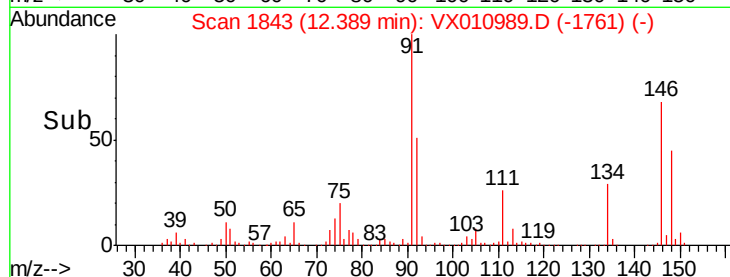
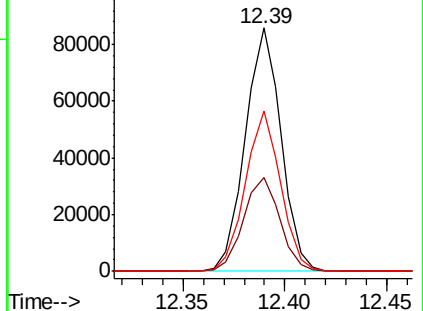
148 64.9 31.5 94.5



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.858 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010989.D

Acq: 19 Jul 2019 03:48

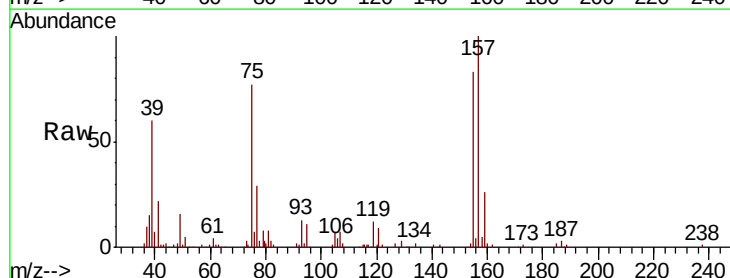
Tgt Ion: 75 Resp: 14307

Ion Ratio Lower Upper

75 100

155 97.3 76.6 115.0

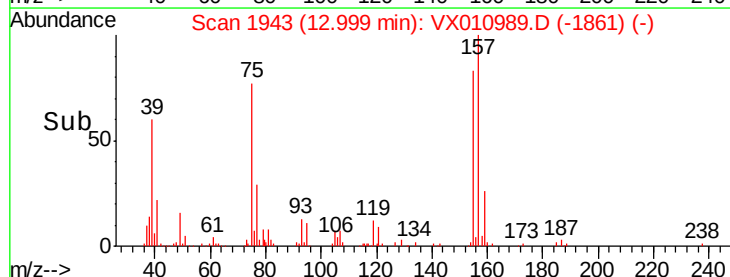
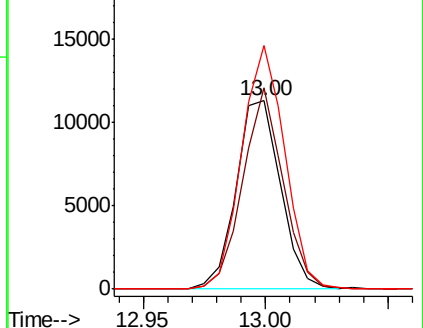
157 125.1 101.0 151.4

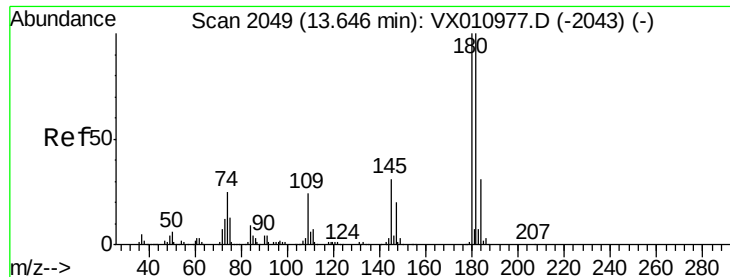


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

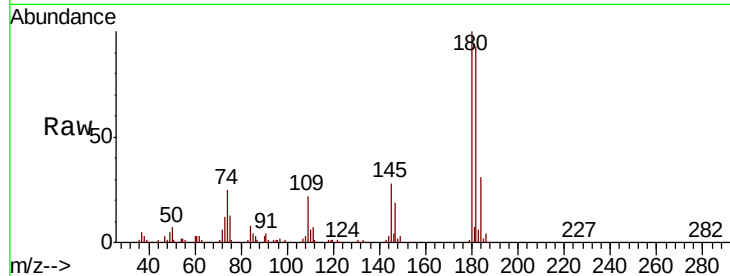




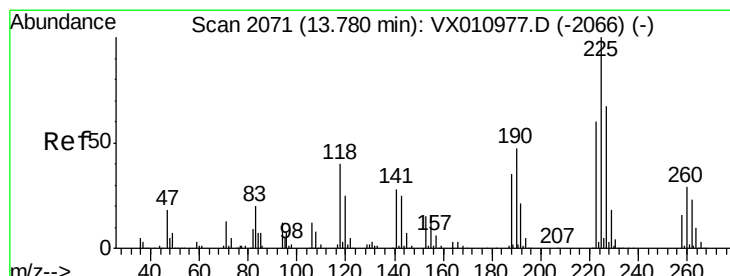
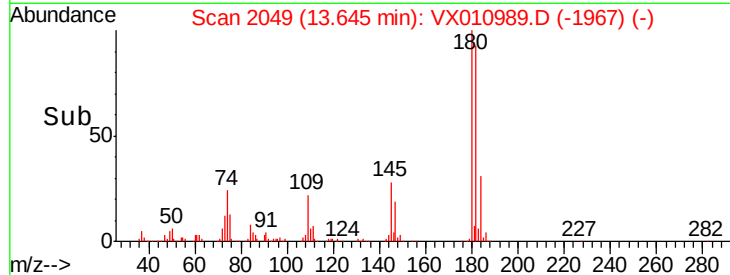
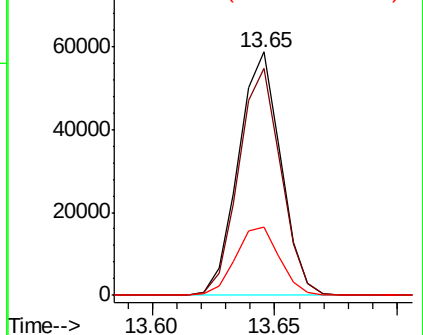
#89
 1,2,4-Trichlorobenzene
 Concen: 19.469 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:180 Resp: 70675
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.6 116.4
 145 29.5 23.8 35.6

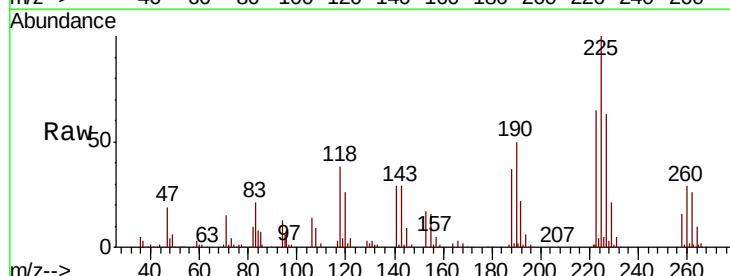


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

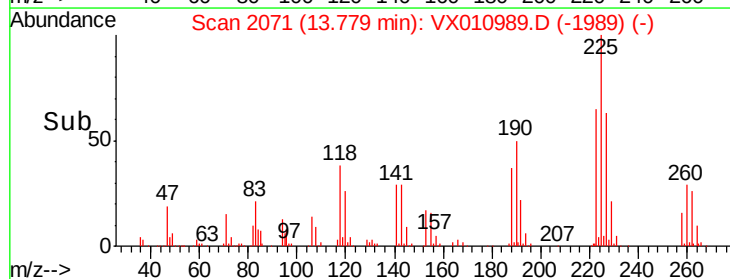
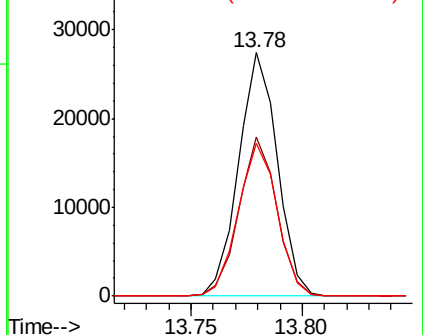


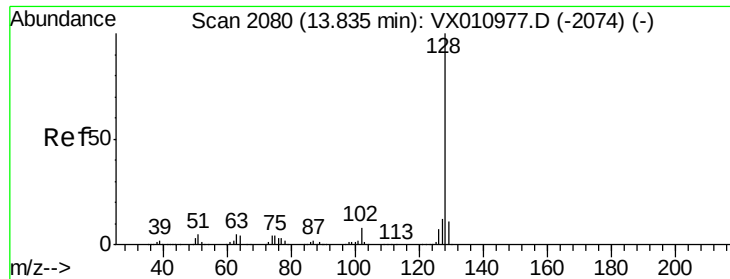
#90
 Hexachlorobutadiene
 Concen: 18.905 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010989.D
 Acq: 19 Jul 2019 03:48

Tgt Ion:225 Resp: 33182
 Ion Ratio Lower Upper
 225 100
 223 64.0 0.0 121.4
 227 63.6 0.0 126.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

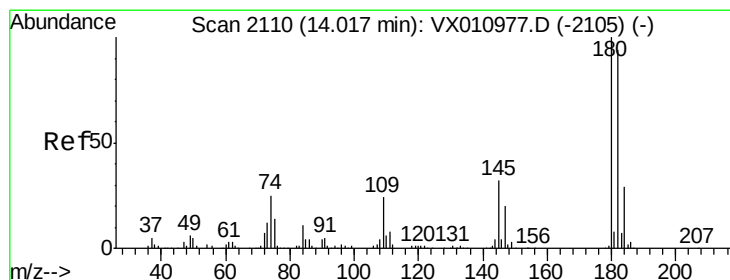
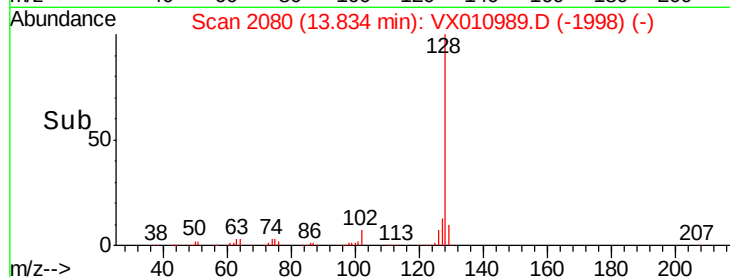
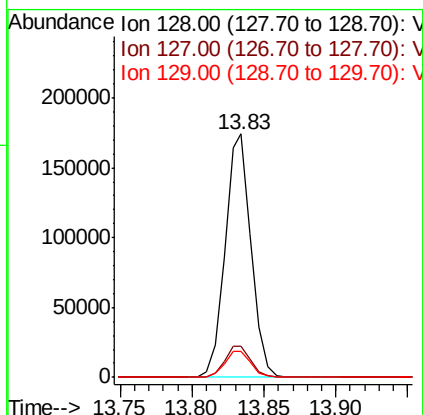
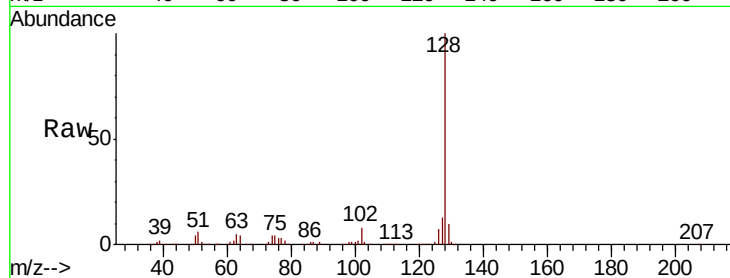




#91
Naphthalene
Concen: 19.879 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 220187
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 19.723 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010989.D
Acq: 19 Jul 2019 03:48

Tgt Ion:180 Resp: 71761
Ion Ratio Lower Upper
180 100
182 95.1 0.0 190.2
145 31.1 0.0 63.8

