

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008603.D
 Acq On : 02 Apr 2019 20:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 03 03:35:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	32288	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	188062	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	168355	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	81497	30.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.57%
60) 4-Bromofluorobenzene	11.13	95	85574	29.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.23%
63) Toluene-d8	8.71	98	236345	29.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	40141	18.181	ug/l 99
3) Chloromethane	1.32	50	57637	19.925	ug/l 94
4) Vinyl Chloride	1.40	62	52867	18.131	ug/l 99
5) Bromomethane	1.64	94	27552	18.237	ug/l 99
6) Chloroethane	1.72	64	32718	17.144	ug/l 96
7) Trichlorofluoromethane	1.93	101	60343	18.645	ug/l 99
8) Diethyl Ether	2.18	74	28766	18.848	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39117	19.409	ug/l 92
10) 1,1-Dichloroethene	2.37	96	40341	19.730	ug/l 84
11) Methyl Iodide	2.51	142	30032	14.185	ug/l 95
12) Methyl Acetate	2.78	43	72049	43.477	ug/l 93
13) Acrolein	2.29	56	47903	100.760	ug/l 98
14) Acrylonitrile	3.14	53	162558	106.099	ug/l 99
15) Acetone	2.44	58	44019	93.168	ug/l 91
16) Carbon Disulfide	2.57	76	119784	18.832	ug/l 99
17) Allyl chloride	2.73	41	92240	20.073	ug/l 89
18) Methylene Chloride	2.85	84	50331	20.592	ug/l 87
19) trans-1,2-Dichloroethene	3.17	96	42509	19.459	ug/l 88
20) Diisopropyl ether	3.85	45	182694	20.426	ug/l # 86
21) 1,1-Dichloroethane	3.70	63	91216	20.318	ug/l 95
22) cis-1,2-Dichloroethene	4.60	96	50122	19.856	ug/l # 81
23) tert-Butyl Alcohol	3.04	59	66675	107.769	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	151443	20.153	ug/l 98
25) Chloroform	5.21	83	83048	20.422	ug/l 97
26) Cyclohexane	5.58	56	84778	19.438	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	60952	19.265	ug/l 94
30) 2-Butanone	4.67	43	239303	102.858	ug/l 94
31) 2,2-Dichloropropane	4.58	77	60370	19.105	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	64915	19.758	ug/l # 95
33) Carbon Tetrachloride	5.79	117	53466	19.450	ug/l 99
34) Benzene	6.14	78	192983	19.954	ug/l # 95
35) Methacrylonitrile	5.04	41	49830	21.061	ug/l 90
36) 1,2-Dichloroethane	6.19	62	70660	20.493	ug/l 97
37) Trichloroethene	7.21	130	43601	19.604	ug/l 81
38) Methylcyclohexane	7.46	83	76365	19.155	ug/l 89
39) 1,2-Dichloropropane	7.51	63	55214	20.128	ug/l 100
40) Dibromomethane	7.66	93	31460	19.798	ug/l 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	61936	19.823	ug/l	99
42) Vinyl Acetate	3.81	43	816522	103.530	ug/l #	93
43) Ethyl Acetate	4.84	43	88519	21.139	ug/l #	83
44) Isopropyl Acetate	6.45	43	138240	20.417	ug/l	98
45) 1,4-Dioxane	7.74	88	28760	426.678	ug/l #	84
46) Methyl methacrylate	7.77	41	70577	20.523	ug/l	87
47) n-amyl Acetate	10.90	43	124925	20.311	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	68124	19.303	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	77748	19.696	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	47521	20.141	ug/l	98
51) Ethyl methacrylate	9.18	69	86483	19.697	ug/l	89
52) 1,3-Dichloropropane	9.37	76	84156	20.048	ug/l	100
53) Dibromochloromethane	9.58	129	44342	19.098	ug/l	99
54) 1,2-Dibromoethane	9.67	107	48637	19.996	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	222825	100.594	ug/l	95
56) Bromoform	10.85	173	31824	18.807	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	468074	105.387	ug/l #	95
59) 2-Hexanone	9.49	43	360973	102.871	ug/l	97
61) Tetrachloroethene	9.34	164	37963	20.615	ug/l	98
62) Toluene	8.79	91	203776	19.992	ug/l	100
64) Chlorobenzene	10.13	112	117960	19.750	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	41238	19.583	ug/l	97
66) Ethyl Benzene	10.25	91	222339	19.652	ug/l	95
67) m/p-Xylenes	10.36	106	161002	39.015	ug/l	91
68) o-Xylene	10.69	106	79217	19.617	ug/l	92
69) Styrene	10.71	104	135510	19.285	ug/l	96
70) Isopropylbenzene	11.02	105	210867	19.796	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	80485	20.225	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	92431	27.479	ug/l	89
73) Bromobenzene	11.26	156	49475	19.522	ug/l	78
74) n-propylbenzene	11.36	91	240333	18.938	ug/l	95
75) 2-Chlorotoluene	11.42	91	146564	19.413	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	173828	19.087	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	24294	18.829	ug/l	94
78) 4-Chlorotoluene	11.51	91	164101	18.886	ug/l	91
79) tert-butylbenzene	12.06	119	177792	19.103	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	174261	19.190	ug/l	95
81) sec-Butylbenzene	11.94	105	199785	19.200	ug/l	96
82) p-Isopropyltoluene	12.06	119	177792	19.103	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	86211	19.161	ug/l	94
84) 1,4-Dichlorobenzene	12.10	146	86780	19.301	ug/l	96
85) n-Butylbenzene	12.38	91	161409	18.253	ug/l	97
86) Hexachloroethane	12.60	117	28511	18.335	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	88873	19.604	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18041	20.454	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	61632	19.708	ug/l	99
90) Hexachlorobutadiene	13.78	225	29578	19.633	ug/l	98
91) Naphthalene	13.83	128	220055	20.539	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	64266	20.401	ug/l	99

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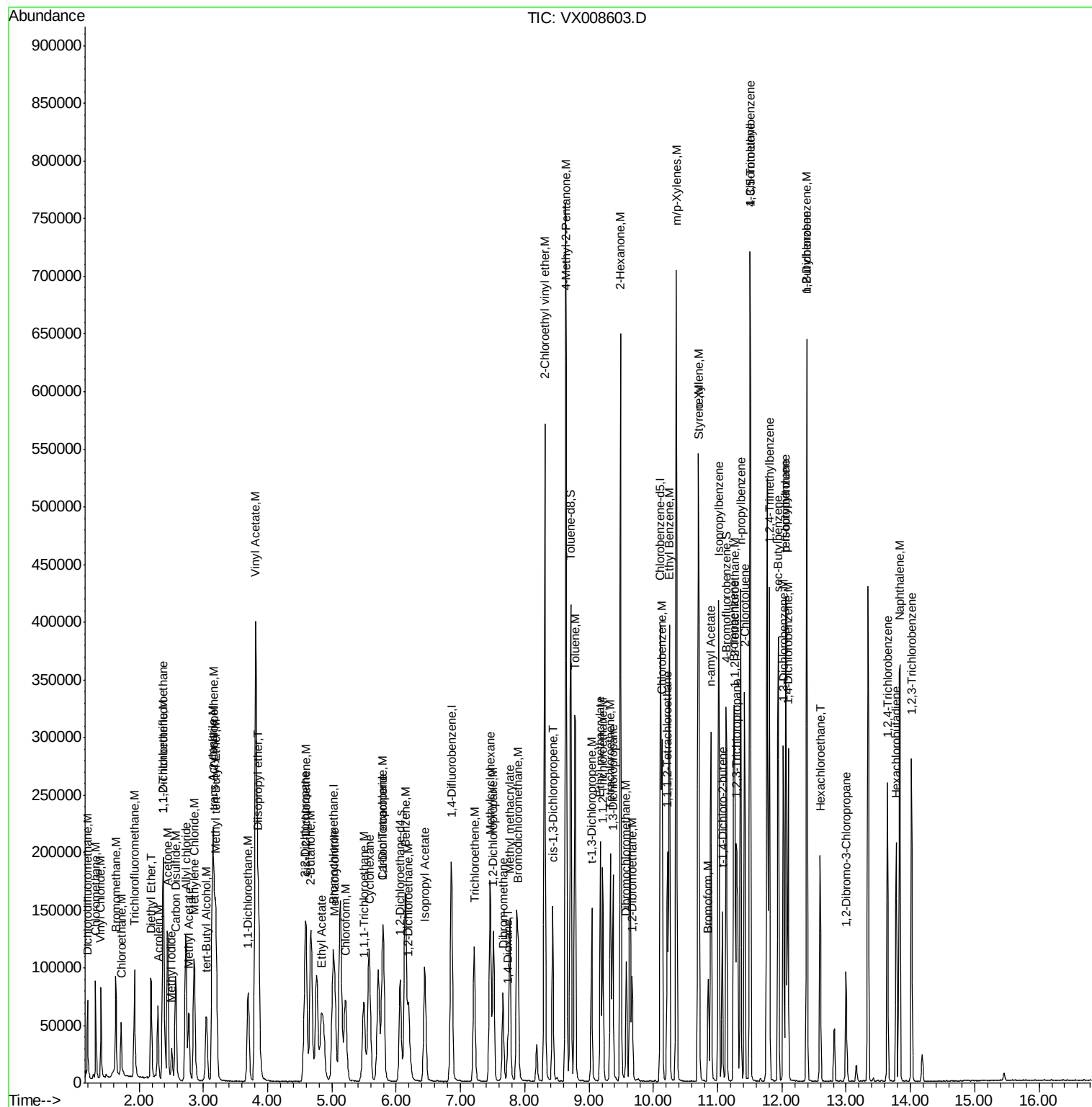
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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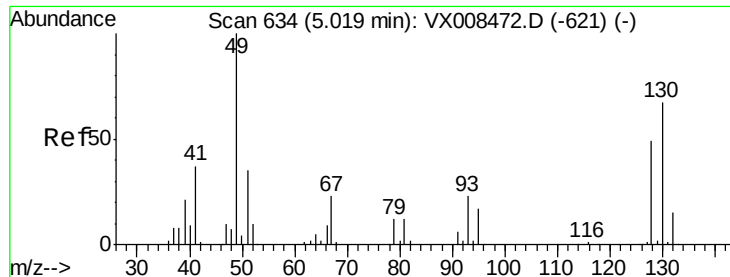
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 03 03:35:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

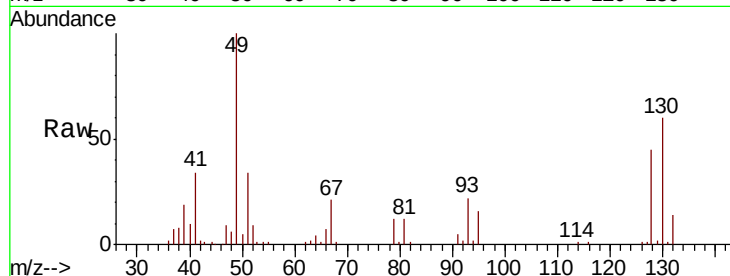
Tot Ion:128 Resp: 32288

Ion Ratio Lower Upper

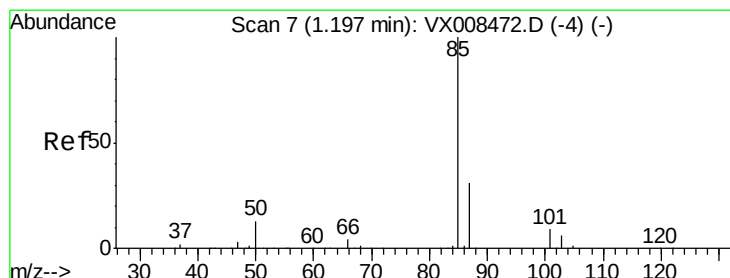
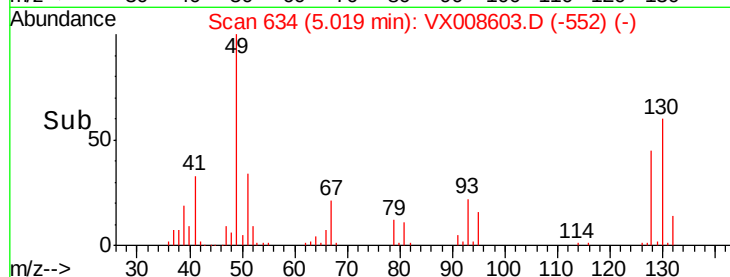
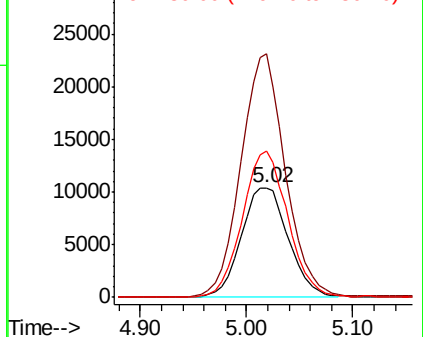
128 100

49 209.5 0.0 350.8

130 128.5 0.0 325.8



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: 18.181 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008603.D

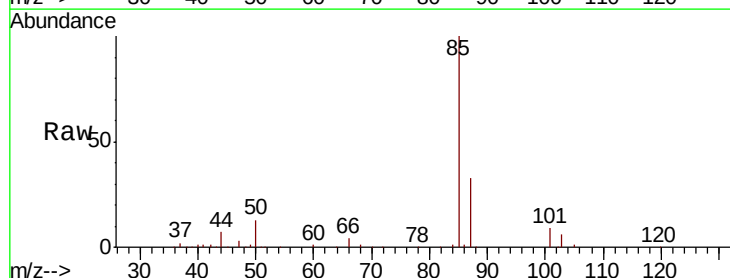
Acq: 02 Apr 2019 20:11

Tgt Ion: 85 Resp: 40141

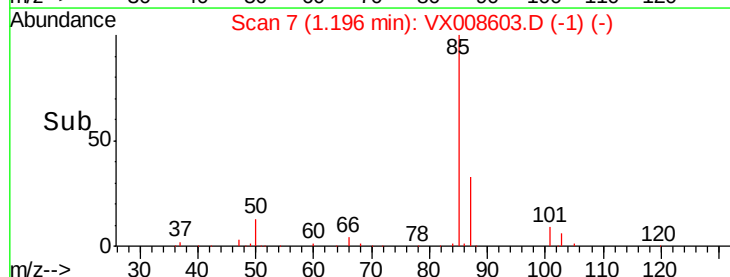
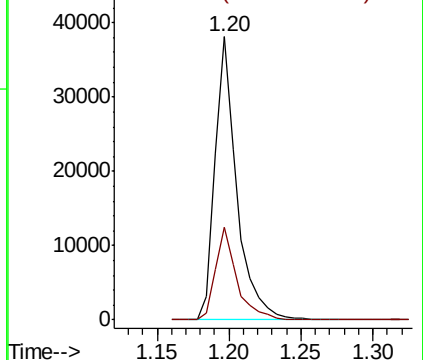
Ion Ratio Lower Upper

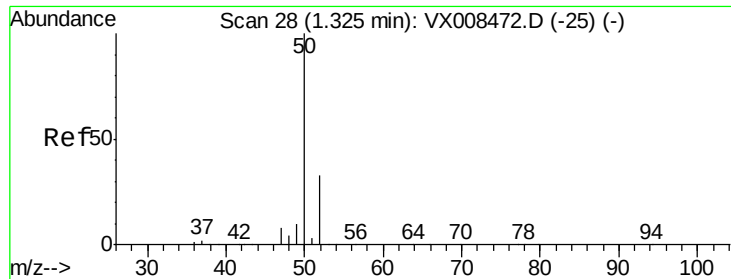
85 100

87 32.7 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.925 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

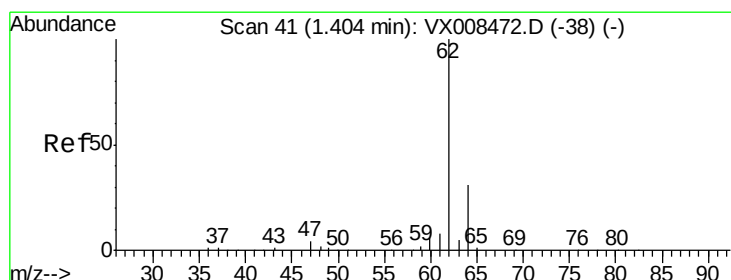
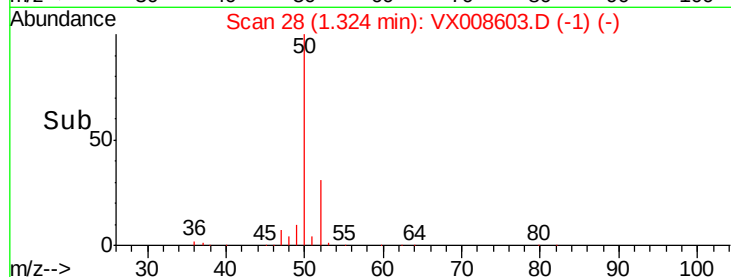
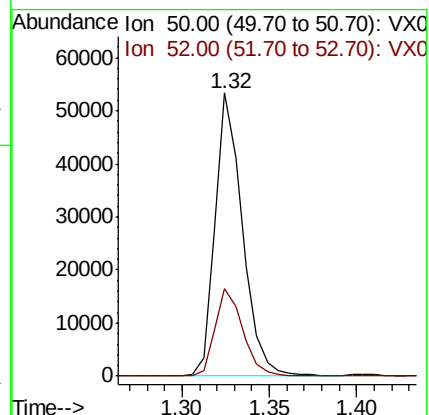
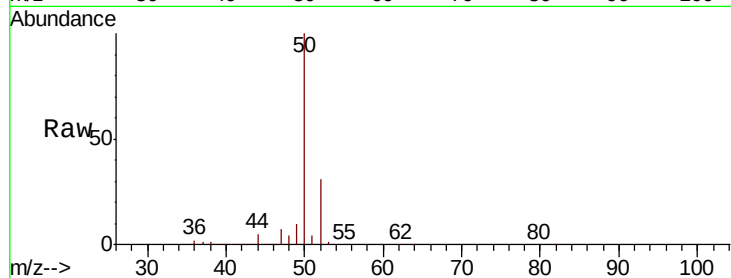
VSTDCCC020EC

Tot Ion: 50 Resp: 57637

Ion Ratio Lower Upper

50 100

52 30.8 27.5 41.3



#4

Vinyl Chloride

Concen: 18.131 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008603.D

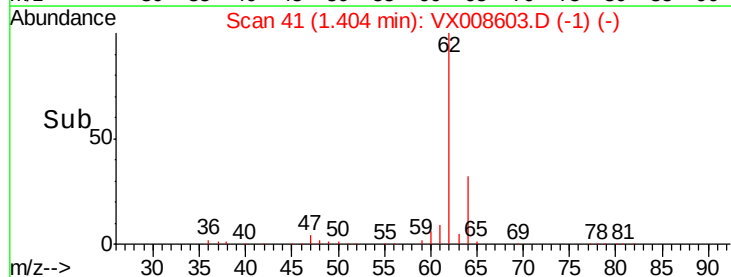
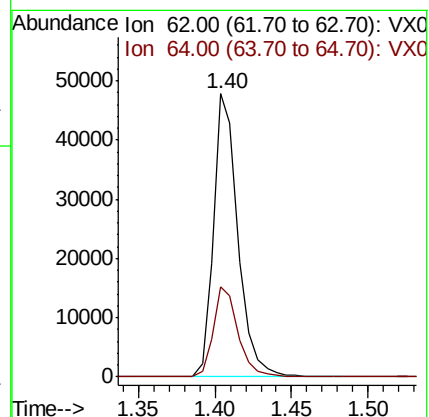
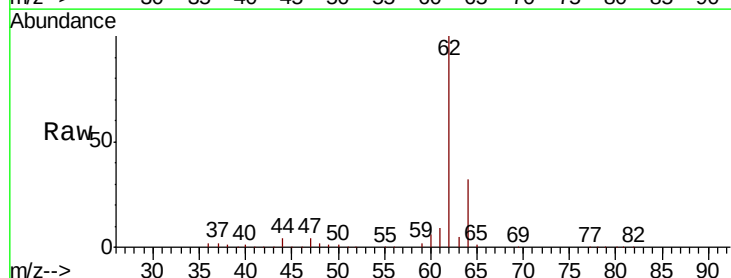
Acq: 02 Apr 2019 20:11

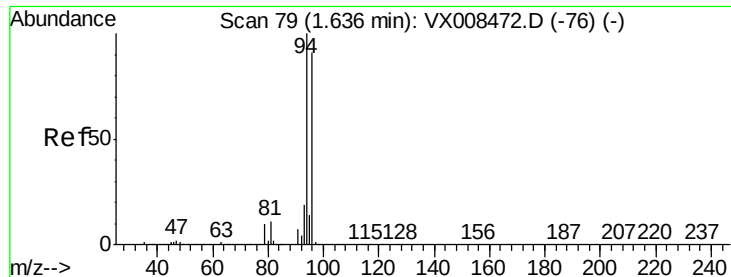
Tgt Ion: 62 Resp: 52867

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 18.237 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

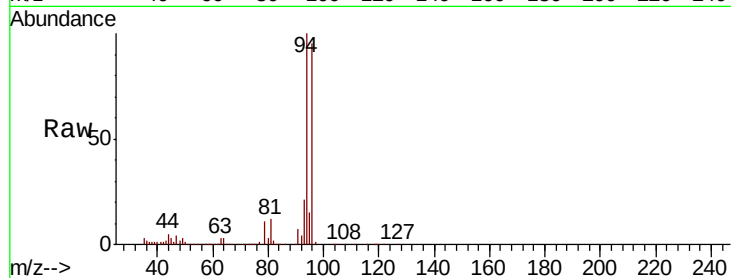
VSTDCCC020EC

Tot Ion: 94 Resp: 27552

Ion Ratio Lower Upper

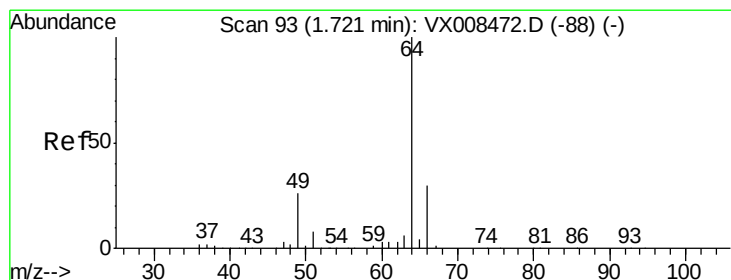
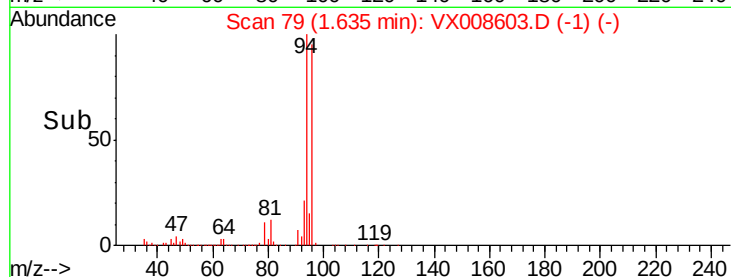
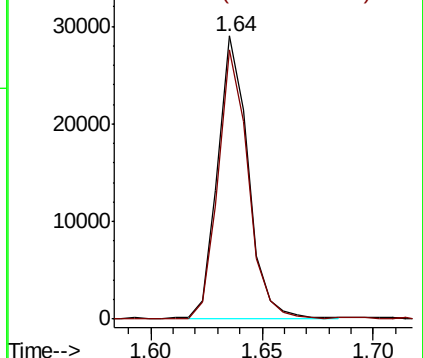
94 100

96 95.1 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.144 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008603.D

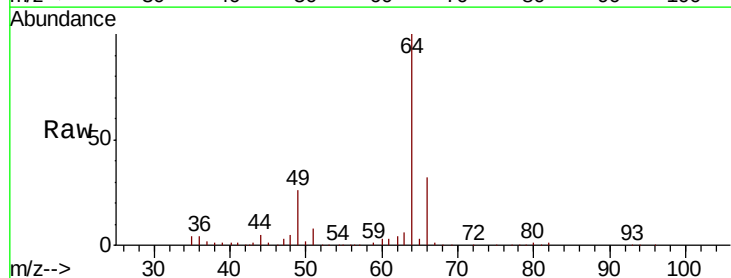
Acq: 02 Apr 2019 20:11

Tgt Ion: 64 Resp: 32718

Ion Ratio Lower Upper

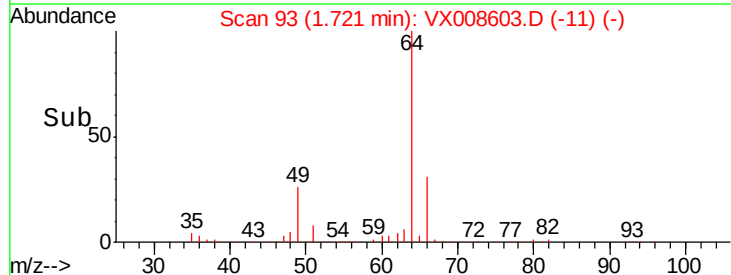
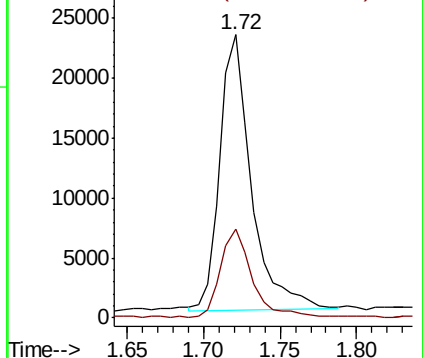
64 100

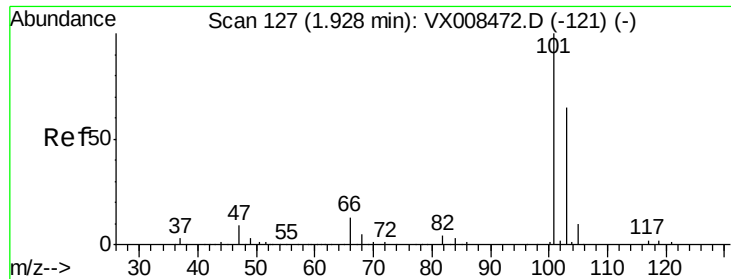
66 32.3 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



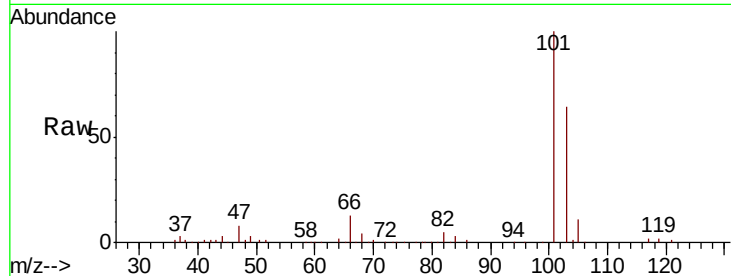


#7

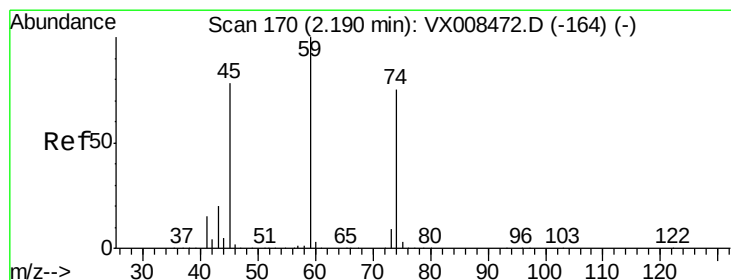
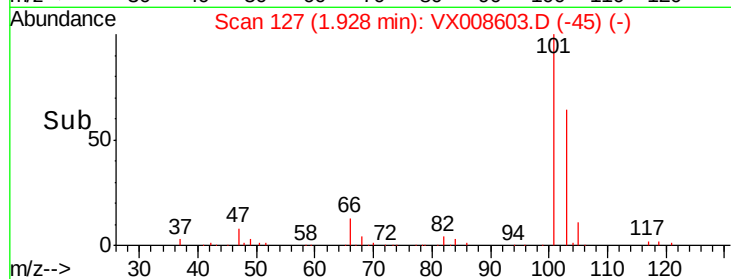
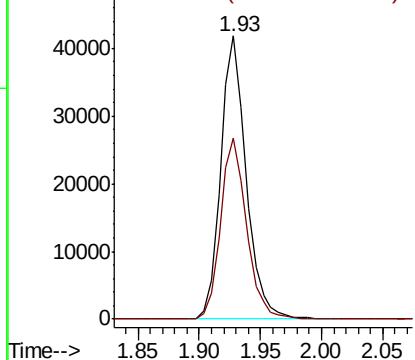
Trichlorofluoromethane
Concen: 18.645 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008603.D
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Tot Ion:101 Resp: 60343
Ion Ratio Lower Upper
101 100
103 63.6 50.4 75.6



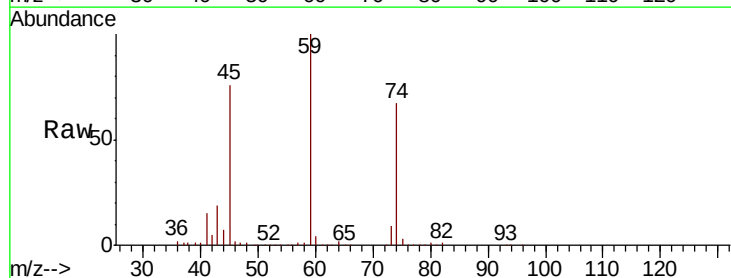
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



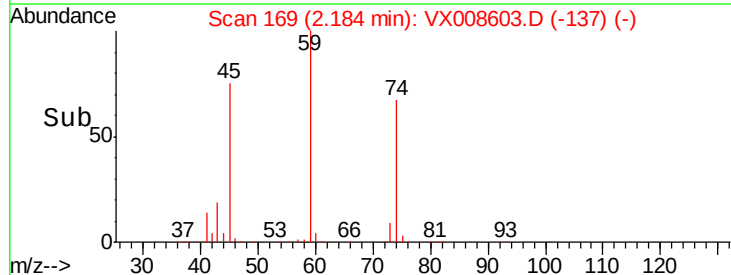
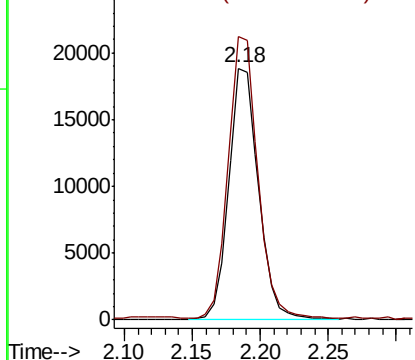
#8

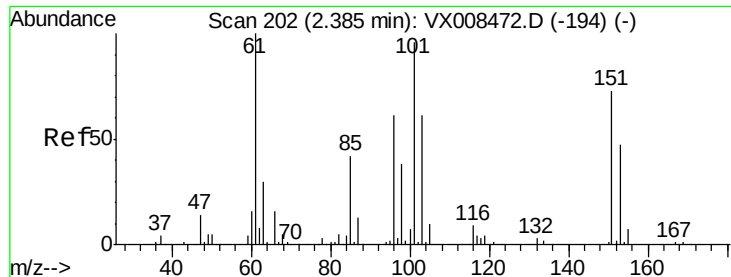
Diethyl Ether
Concen: 18.848 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 74 Resp: 28766
Ion Ratio Lower Upper
74 100
45 110.9 18.6 167.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.409 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

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ClientSampleId :

VSTDCCC020EC

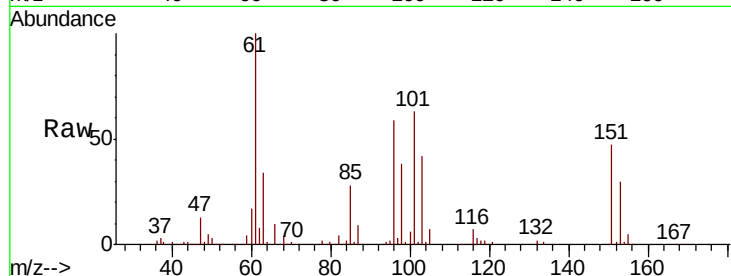
Tot Ion:101 Resp: 39117

Ion Ratio Lower Upper

101 100

85 44.5 0.0 86.8

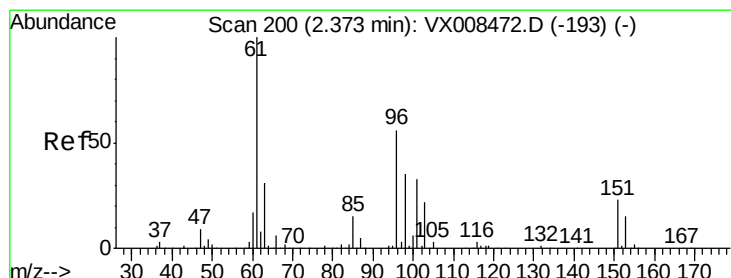
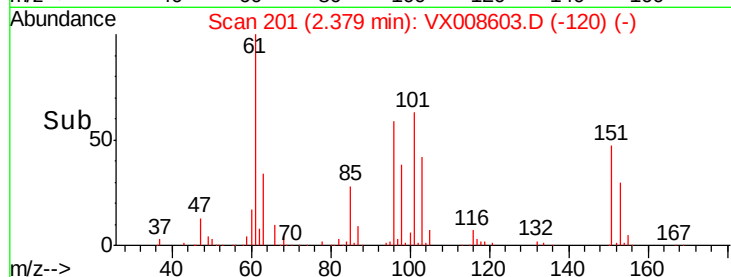
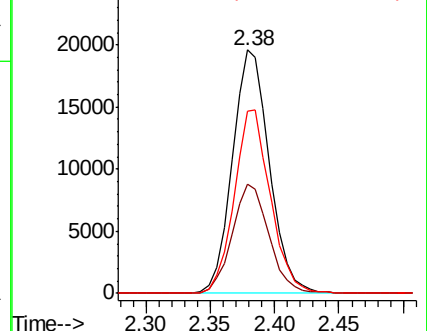
151 73.9 0.0 169.2



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: 19.730 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

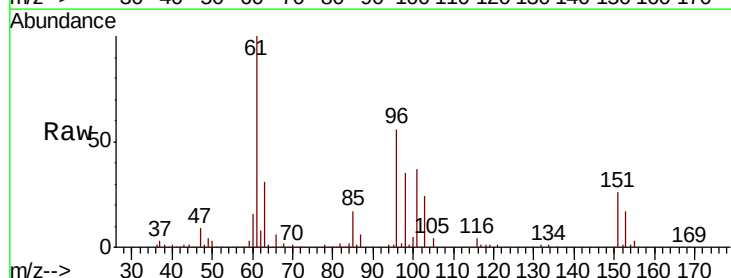
Tgt Ion: 96 Resp: 40341

Ion Ratio Lower Upper

96 100

61 177.4 120.2 180.2

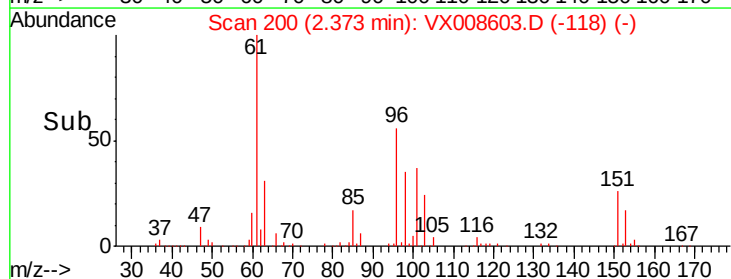
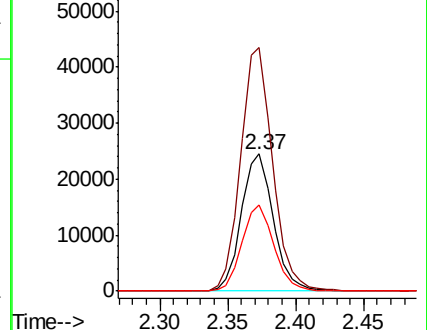
98 62.8 49.0 73.4

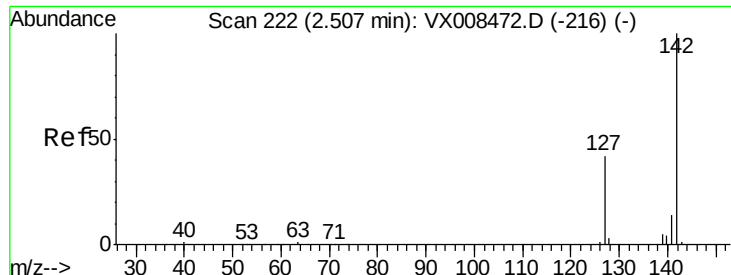


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

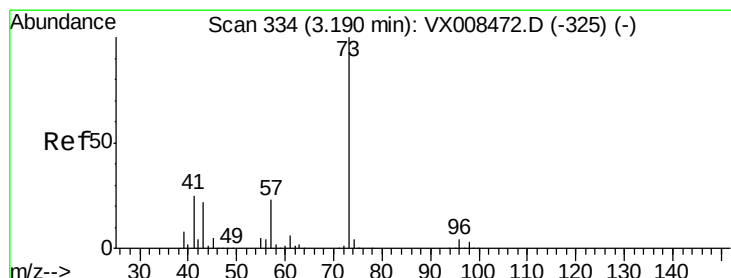
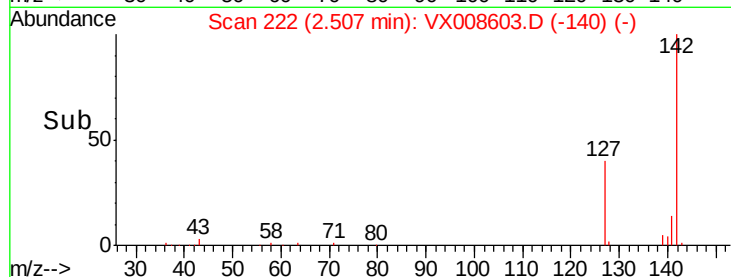
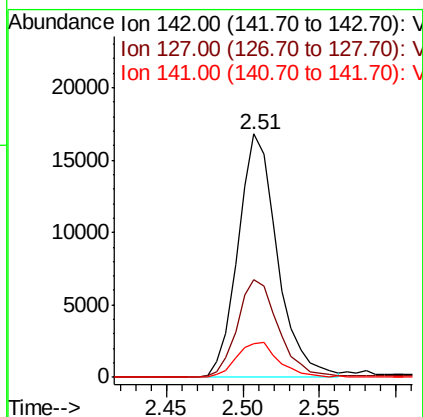
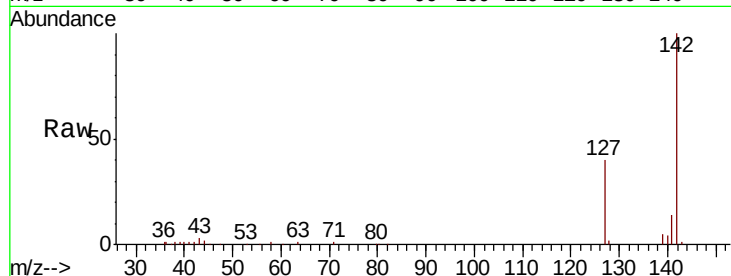




#11
Methvl Iodide
Concen: 14.185 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

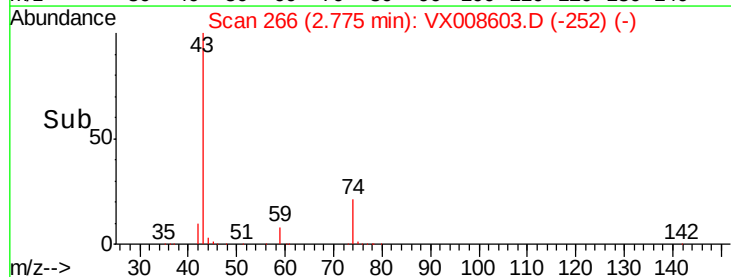
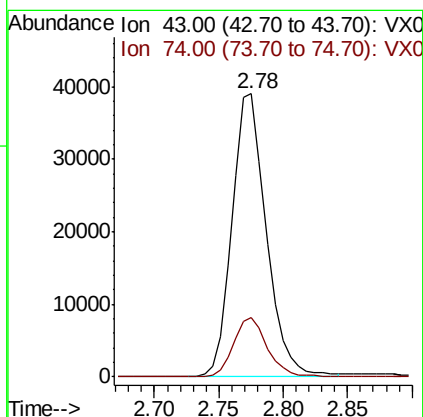
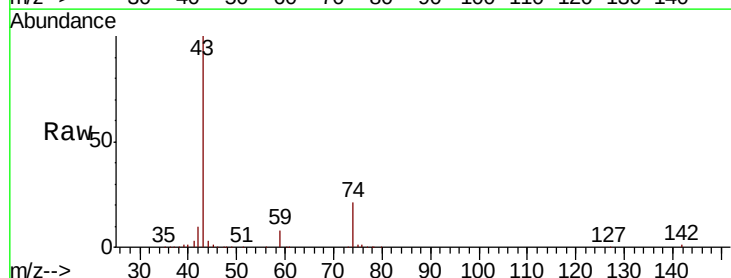
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

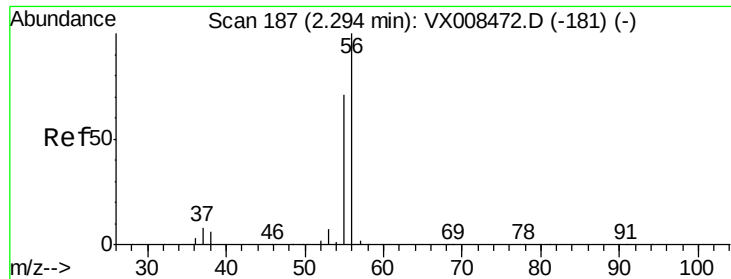
Tot Ion:142 Resp: 30032
Ion Ratio Lower Upper
142 100
127 40.1 22.1 66.5
141 13.9 7.4 22.3



#12
Methyl Acetate
Concen: 43.477 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.41 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 43 Resp: 72049
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.0





#13

Acrolein

Concen: 100.760 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

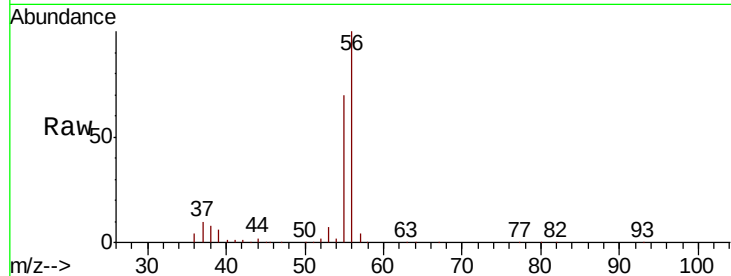
VSTDCCC020EC

Tot Ion: 56 Resp: 47903

Ion Ratio Lower Upper

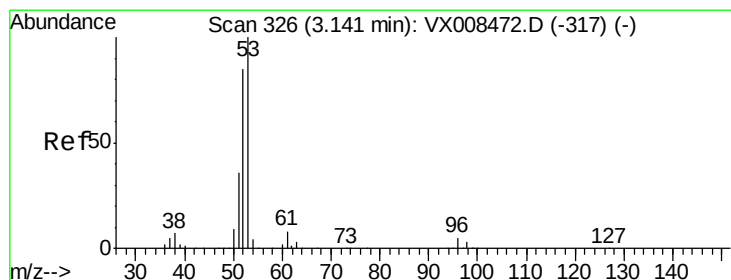
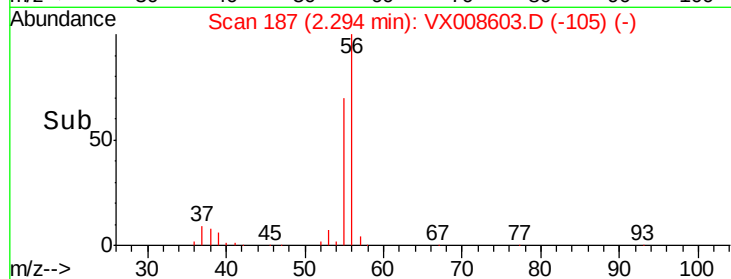
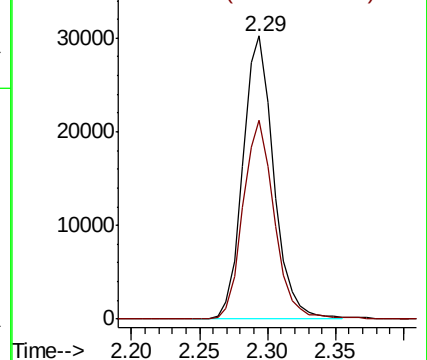
56 100

55 71.8 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 106.099 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

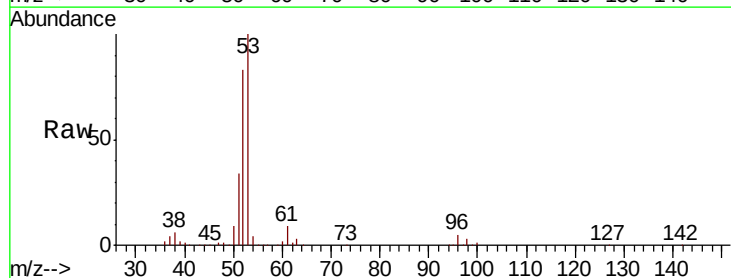
Tgt Ion: 53 Resp: 162558

Ion Ratio Lower Upper

53 100

52 83.4 41.3 124.1

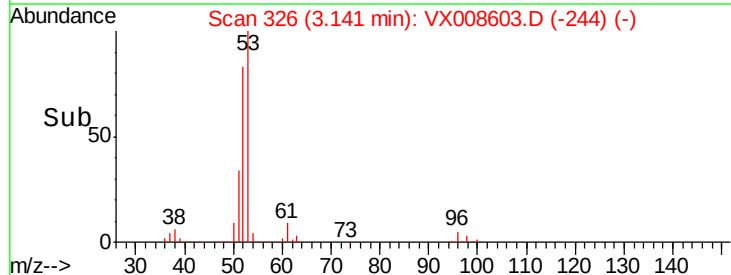
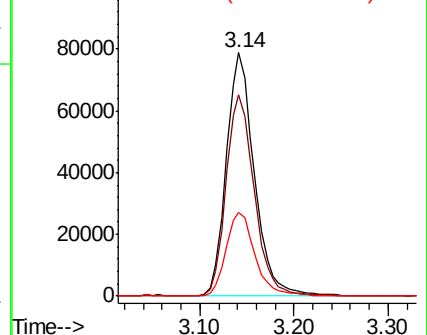
51 35.8 17.5 52.6

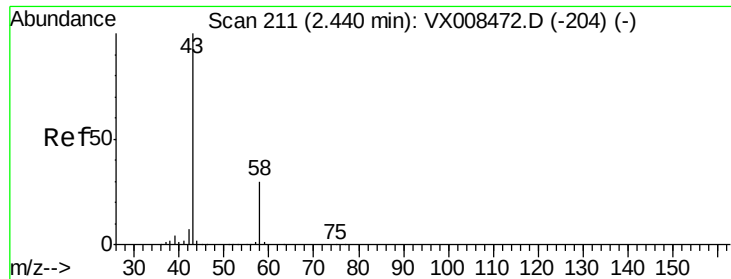


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 93.168 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

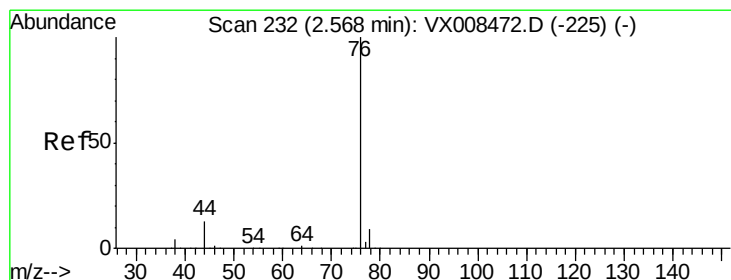
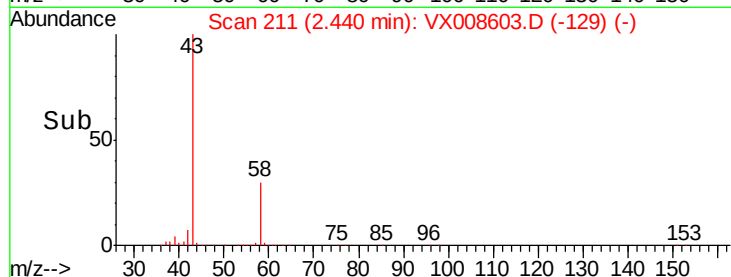
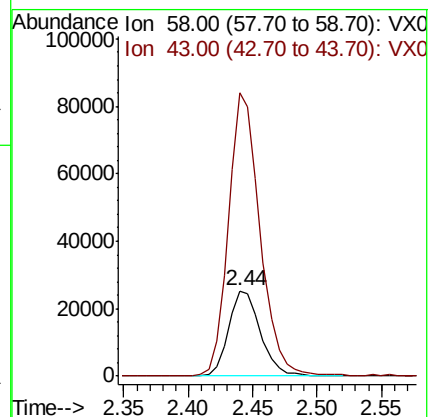
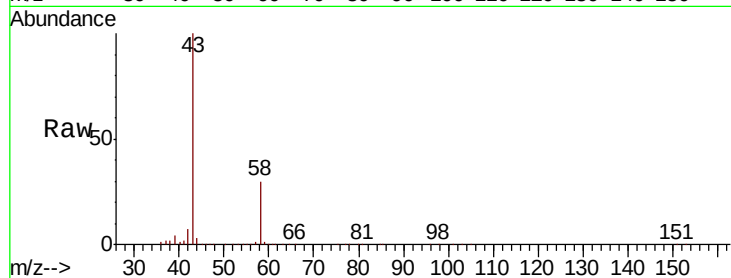
VSTDCCC020EC

Tot Ion: 58 Resp: 44019

Ion Ratio Lower Upper

58 100

43 330.4 249.8 374.6



#16

Carbon Disulfide

Concen: 18.832 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008603.D

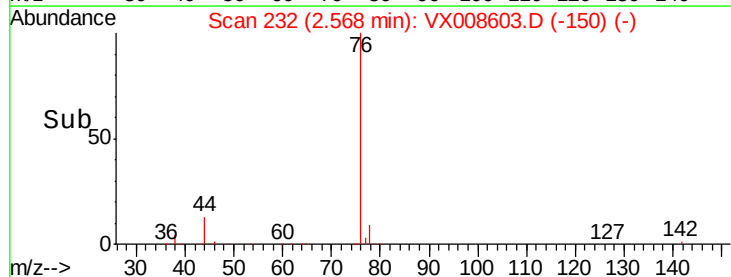
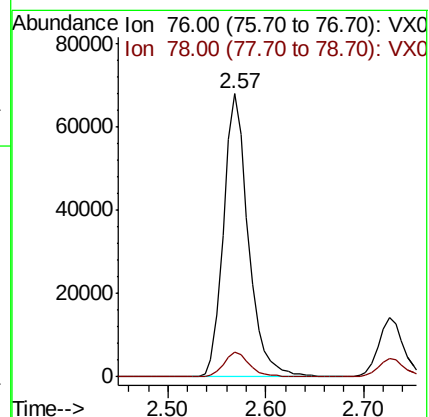
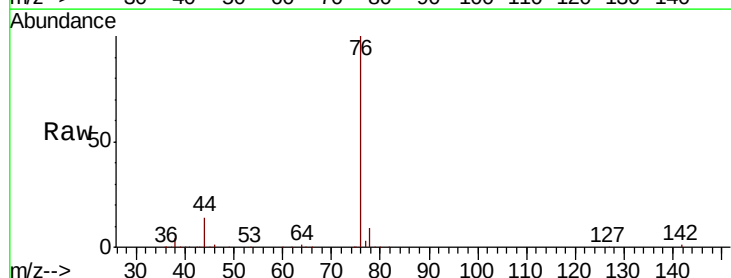
Acq: 02 Apr 2019 20:11

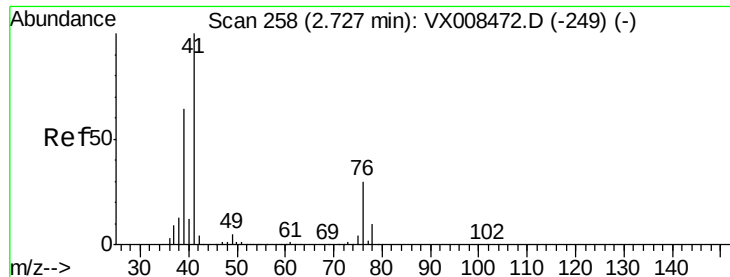
Tgt Ion: 76 Resp: 119784

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

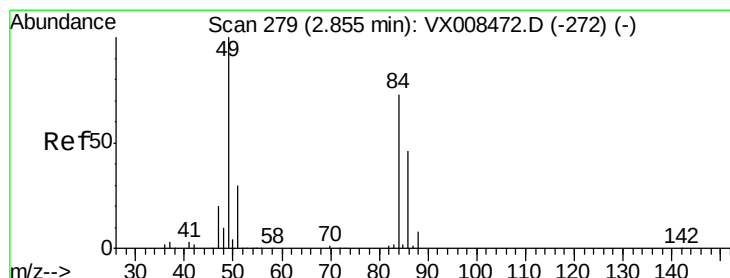
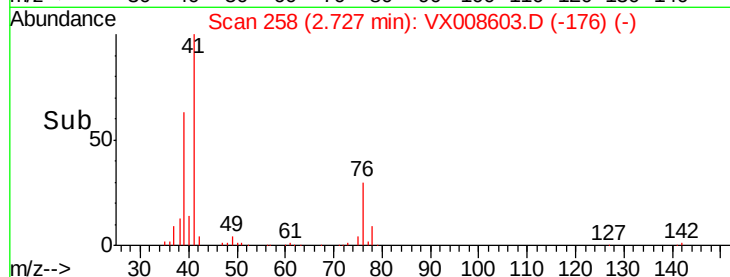
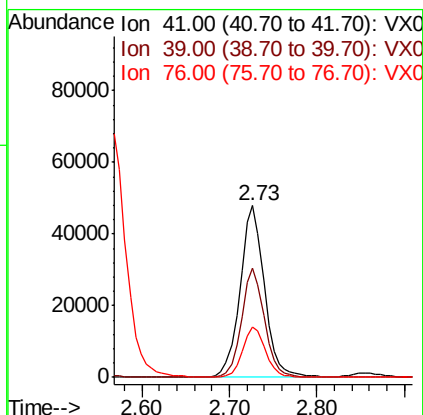
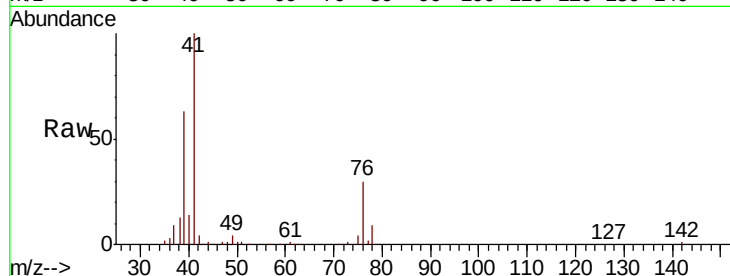




#17
Allvl chloride
Concen: 20.073 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

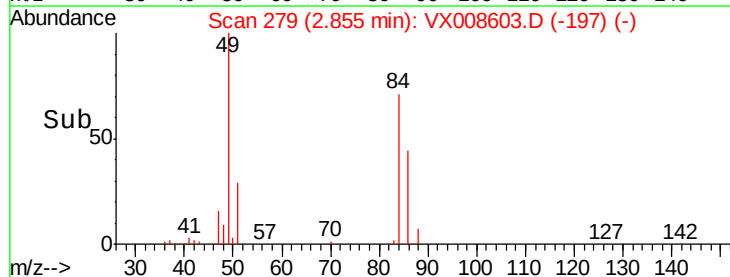
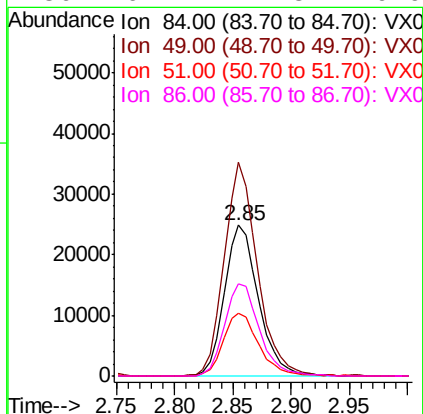
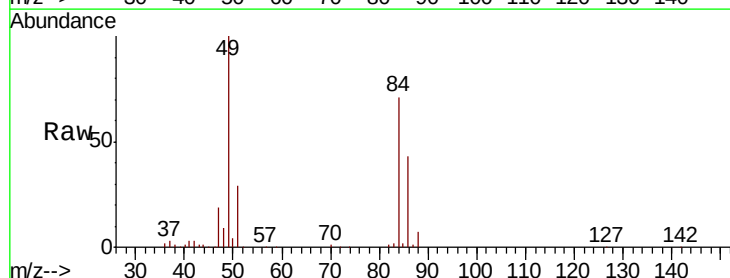
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

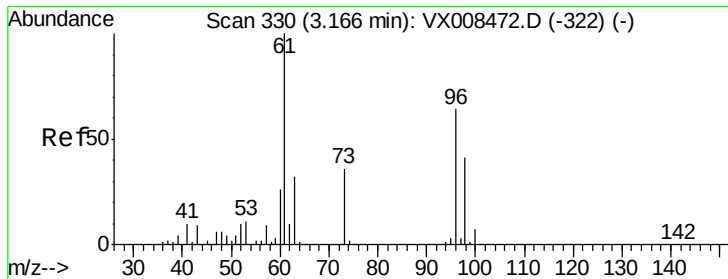
Tot Ion: 41 Resp: 92240
Ion Ratio Lower Upper
41 100
39 63.2 35.8 107.4
76 29.7 18.3 54.9



#18
Methylene Chloride
Concen: 20.592 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 84 Resp: 50331
Ion Ratio Lower Upper
84 100
49 141.2 96.1 144.1
51 41.4 29.1 43.7
86 61.4 47.3 70.9

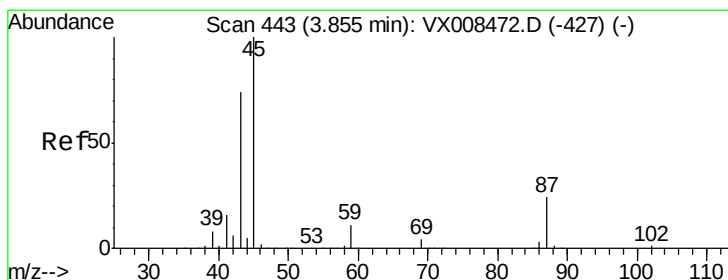
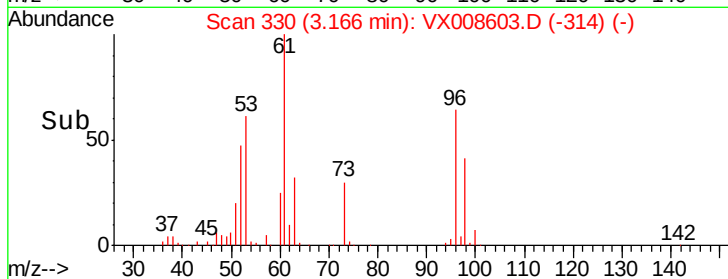
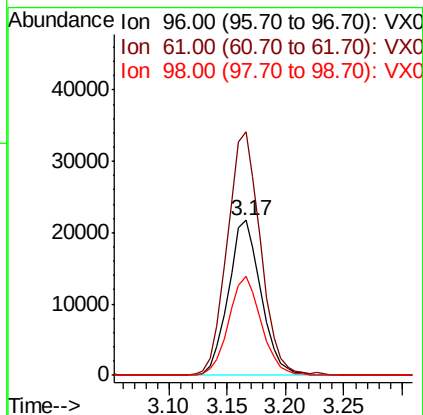
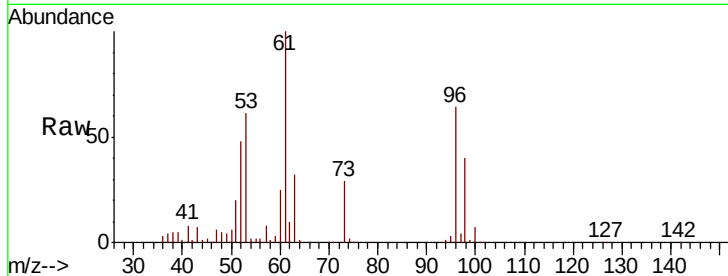




#19
trans-1,2-Dichloroethene
Concen: 19.459 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

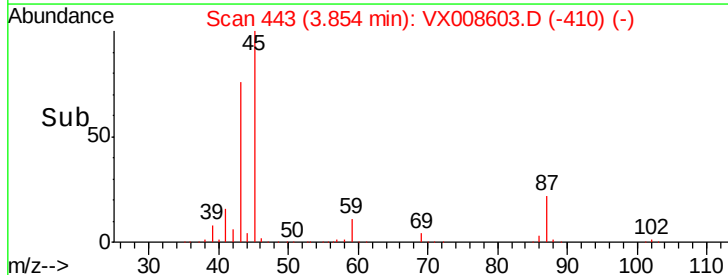
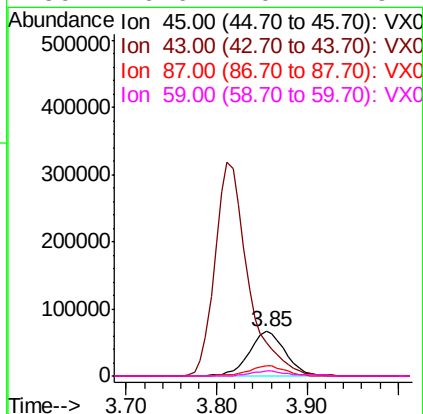
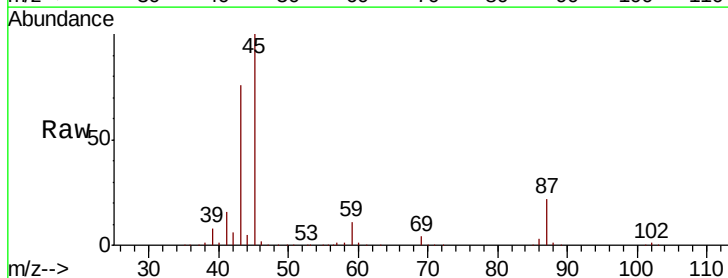
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

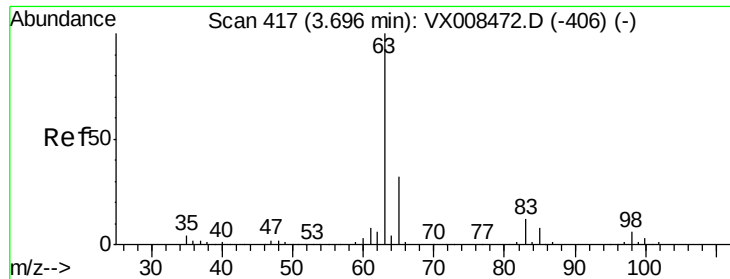
Tot Ion: 96 Resp: 42509
Ion Ratio Lower Upper
96 100
61 157.2 109.9 164.9
98 63.6 50.4 75.6



#20
Diisopropyl ether
Concen: 20.426 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 45 Resp: 182694
Ion Ratio Lower Upper
45 100
43 74.8 50.6 76.0
87 22.3 24.5 36.7#
59 10.6 10.2 15.2

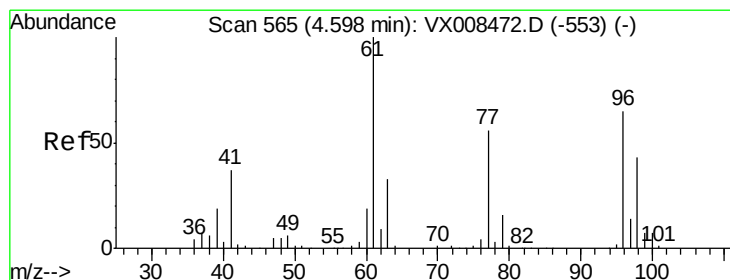
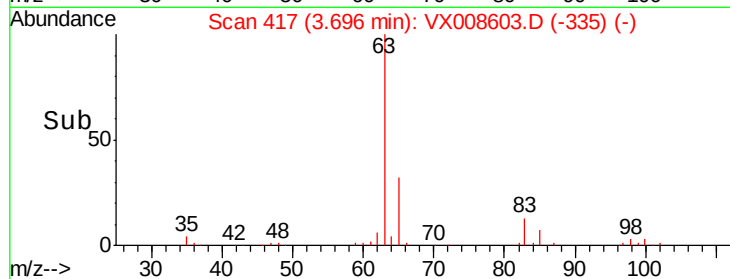
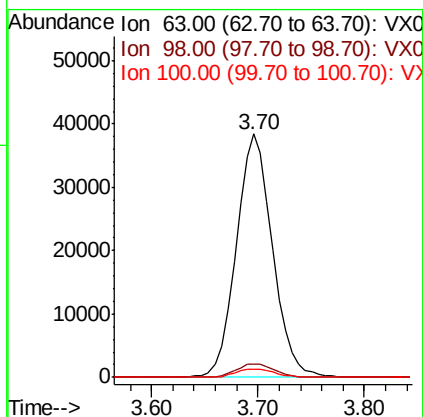
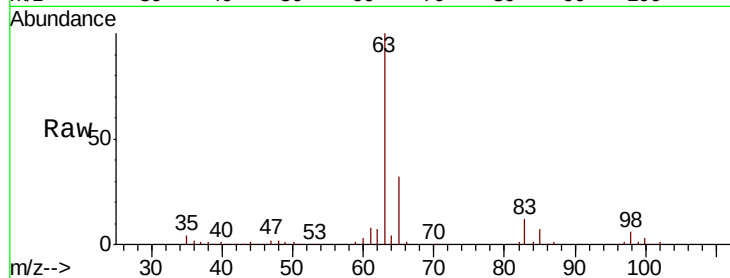




#21
 1,1-Dichloroethane
 Concen: 20.318 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

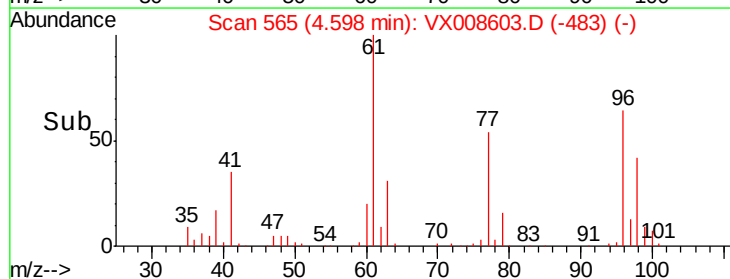
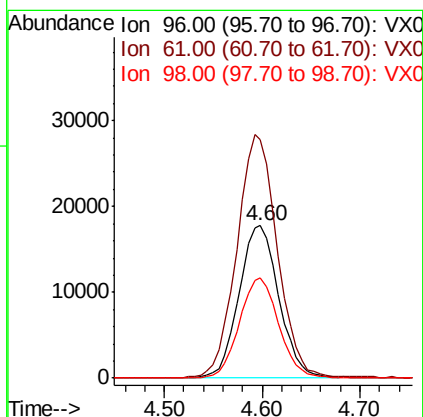
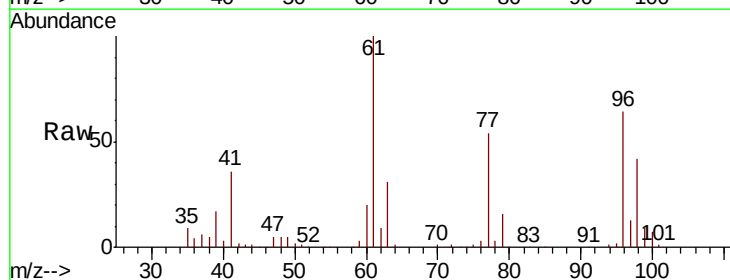
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

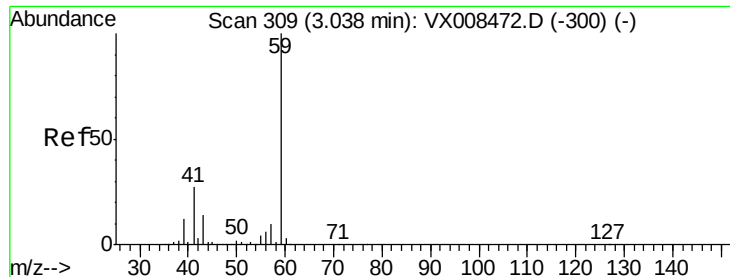
Tot Ion:	63	Resp:	91216
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.8	11.4
100	3.1	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 19.856 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion:	96	Resp:	50122
Ion	Ratio	Lower	Upper
96	100		
61	162.5	103.5	155.3#
98	65.2	52.1	78.1



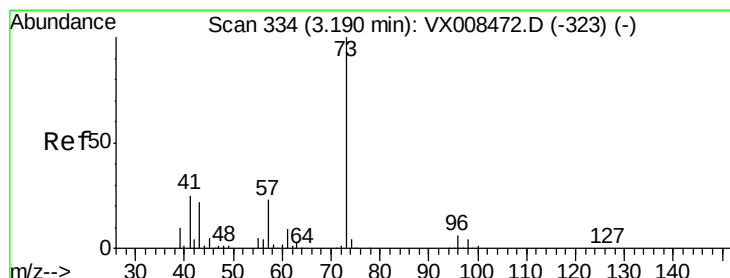
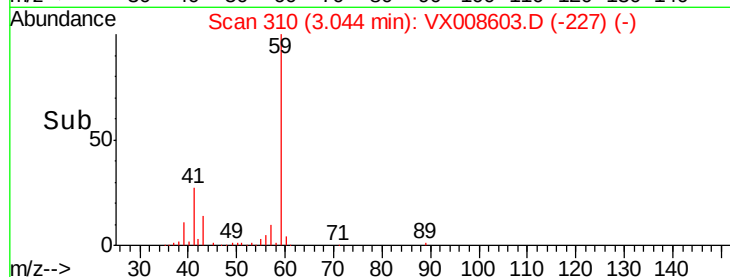
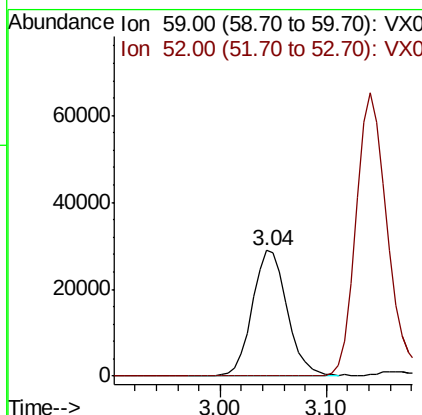
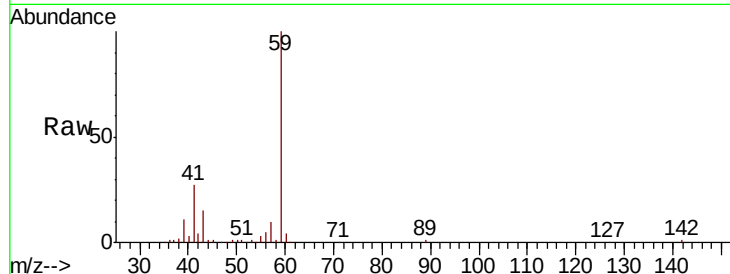


#23

tert-Butyl Alcohol
 Concen: 107.769 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

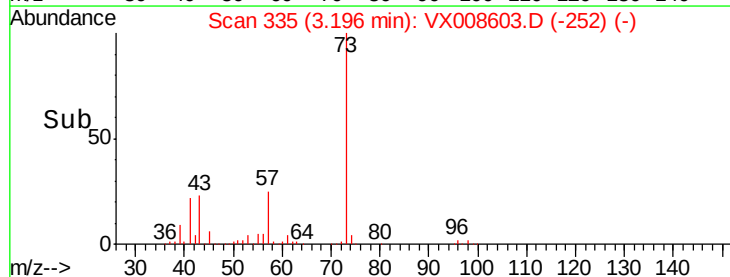
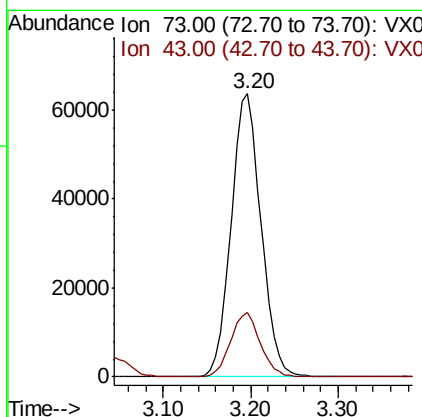
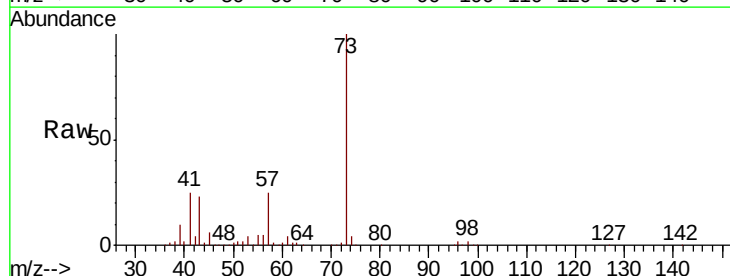
Tot Ion: 59 Resp: 66675
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

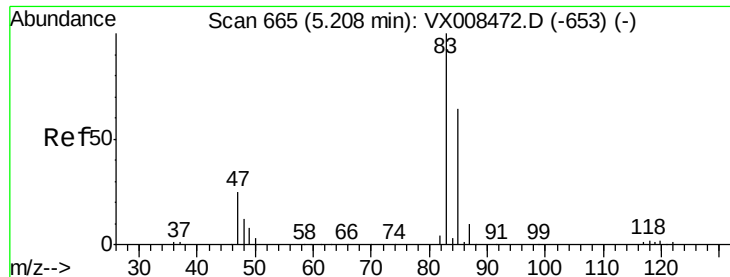


#24

Methyl tert-Butyl Ether
 Concen: 20.153 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 73 Resp: 151443
 Ion Ratio Lower Upper
 73 100
 43 22.3 17.1 25.7





#25

Chloroform

Concen: 20.422 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

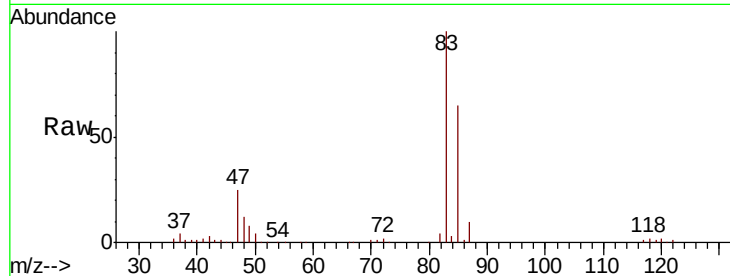
VSTDCCC020EC

Tot Ion: 83 Resp: 83048

Ion Ratio Lower Upper

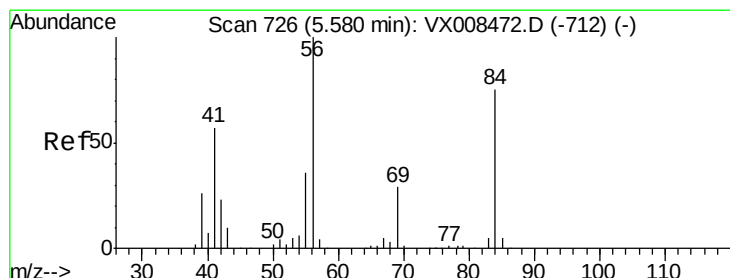
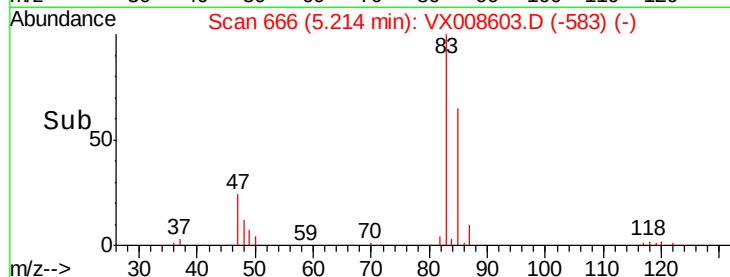
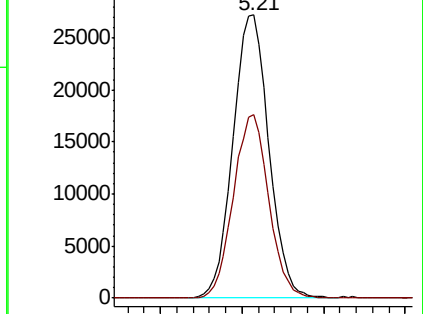
83 100

85 64.9 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.438 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

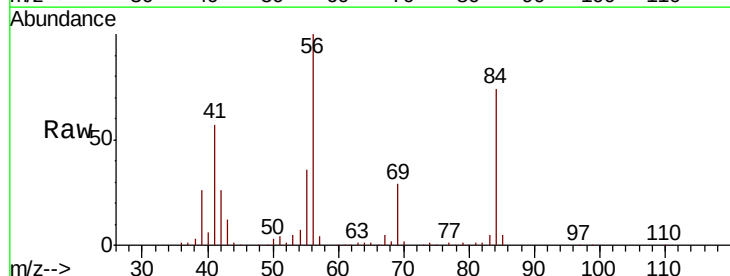
Tgt Ion: 56 Resp: 84778

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

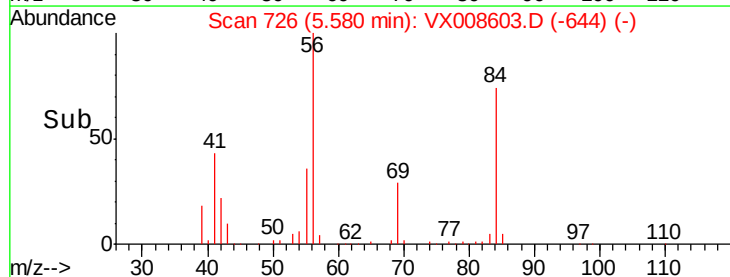
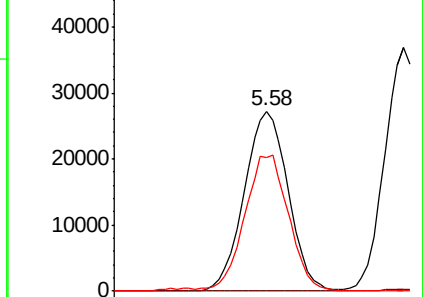
84 76.2 73.9 110.9

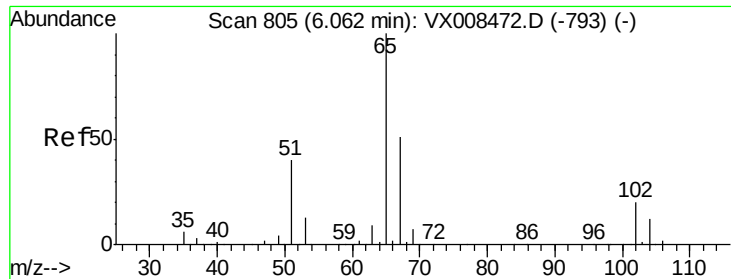


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

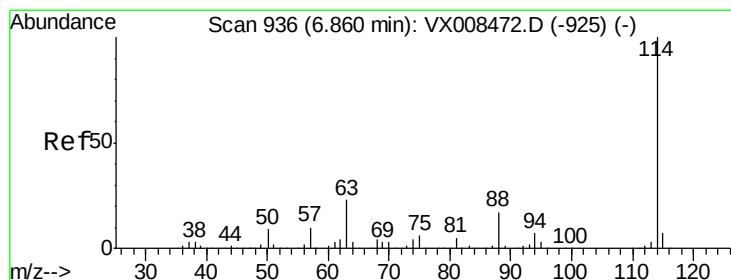
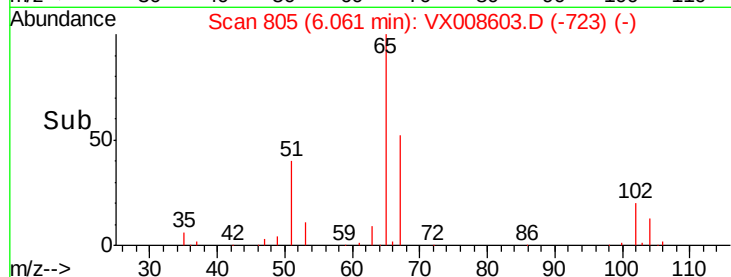
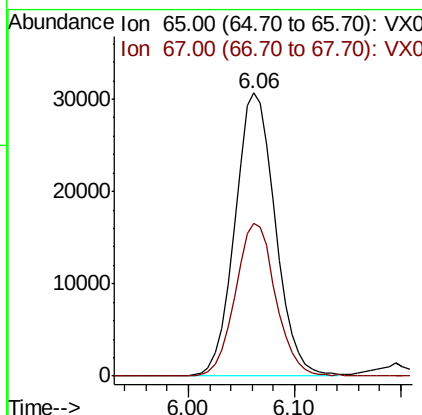
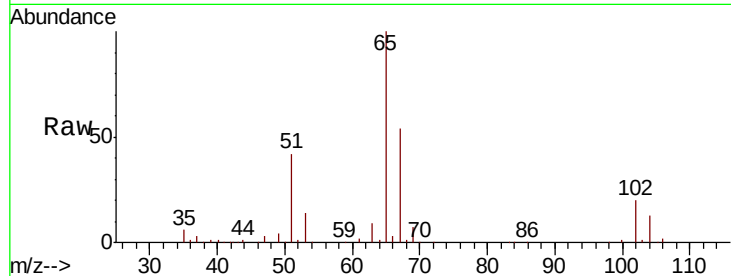




#27
 1,2-Dichloroethane-d4
 Concen: 30.172 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

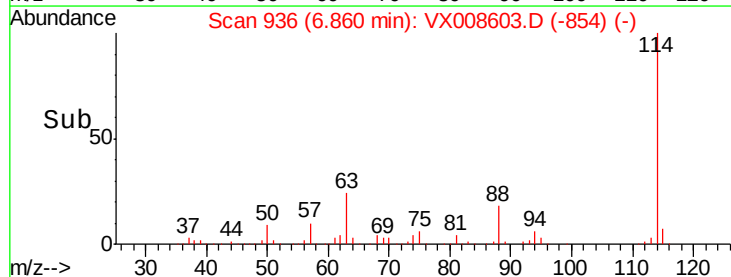
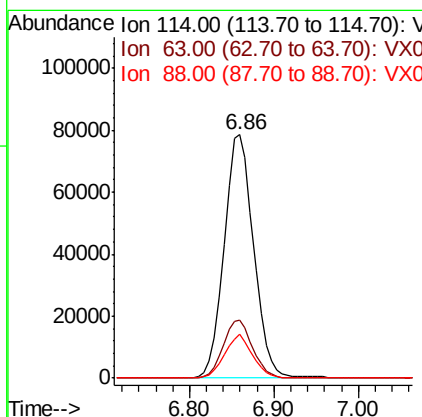
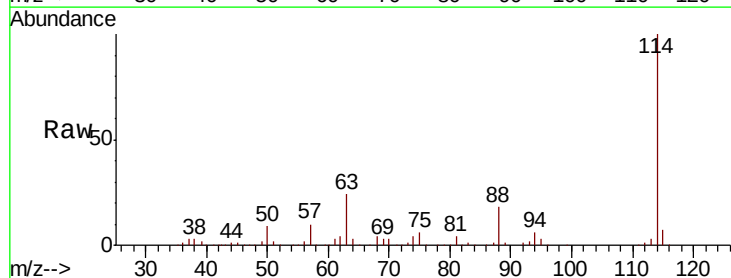
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

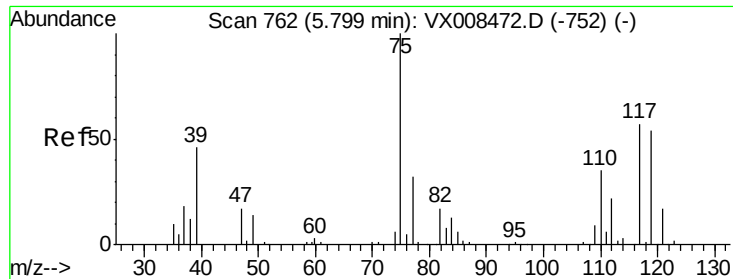
Tot Ion: 65 Resp: 81497
 Ion Ratio Lower Upper
 65 100
 67 54.0 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 114 Resp: 188062
 Ion Ratio Lower Upper
 114 100
 63 23.7 14.2 21.4#
 88 16.8 11.9 17.9

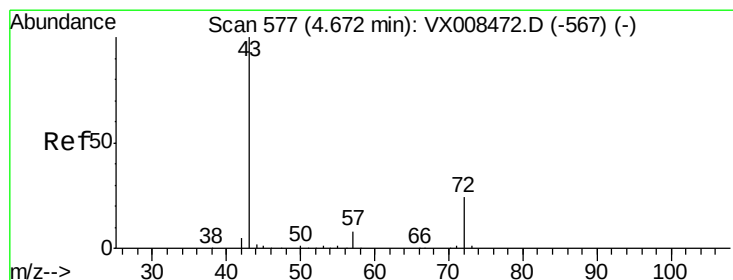
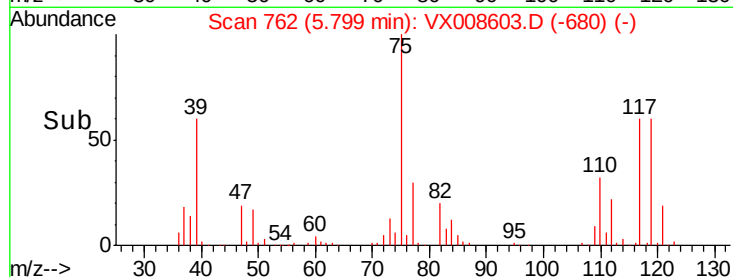
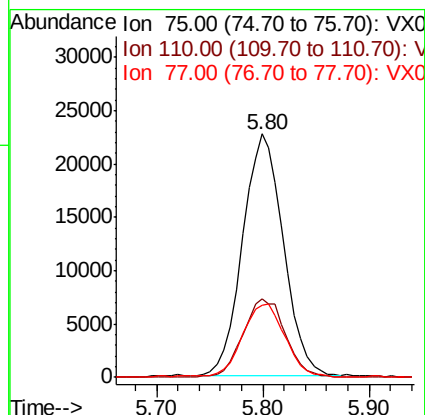
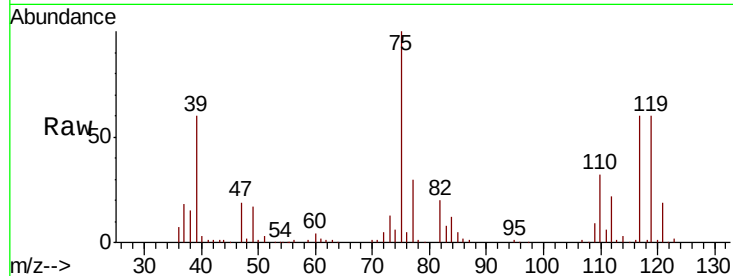




#29
 1,1-Dichloropropene
 Concen: 19.265 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

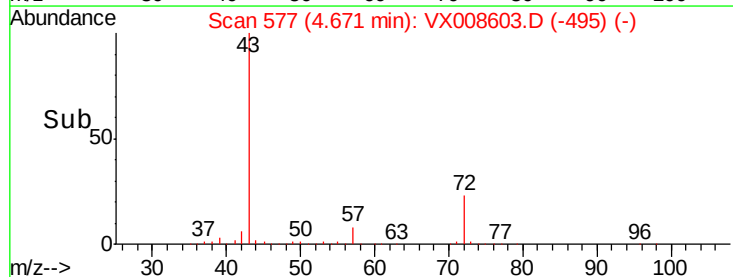
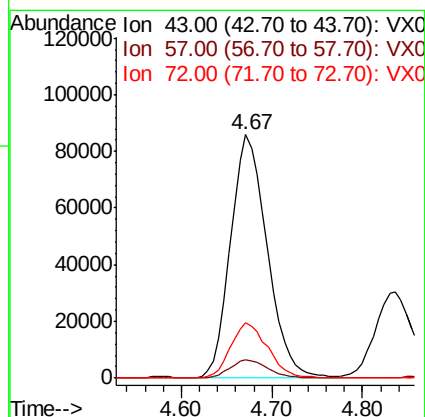
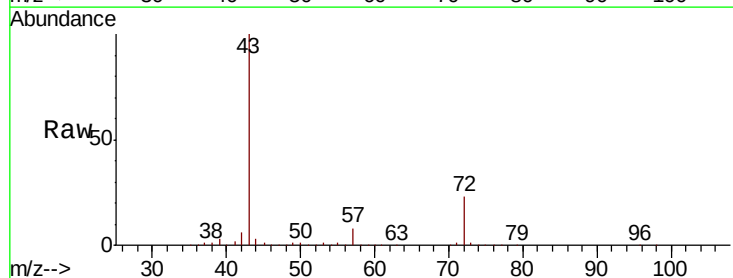
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

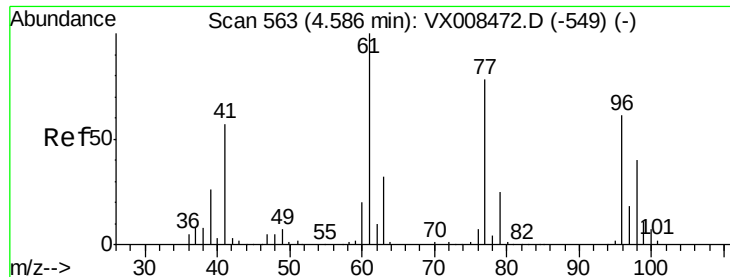
Tot Ion: 75 Resp: 60952
 Ion Ratio Lower Upper
 75 100
 110 33.9 0.0 80.8
 77 31.9 0.0 62.4



#30
 2-Butanone
 Concen: 102.858 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 43 Resp: 239303
 Ion Ratio Lower Upper
 43 100
 57 7.8 7.0 10.6
 72 23.2 21.5 32.3





#31

2,2-Dichloropropane

Concen: 19.105 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

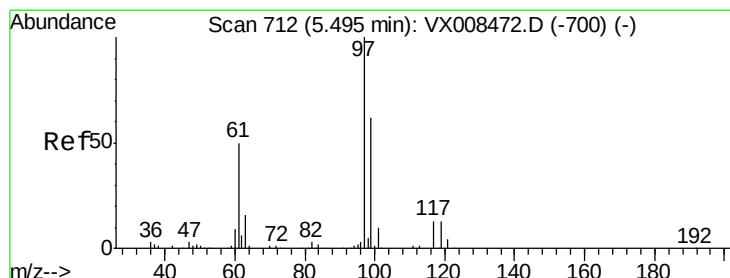
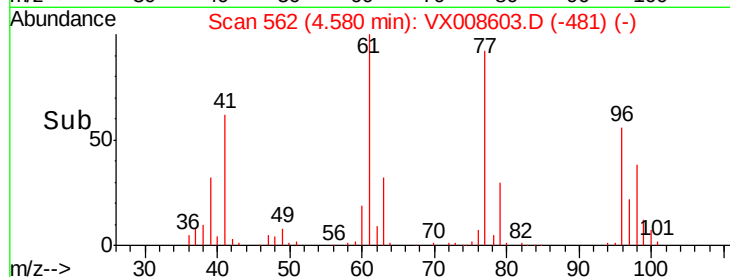
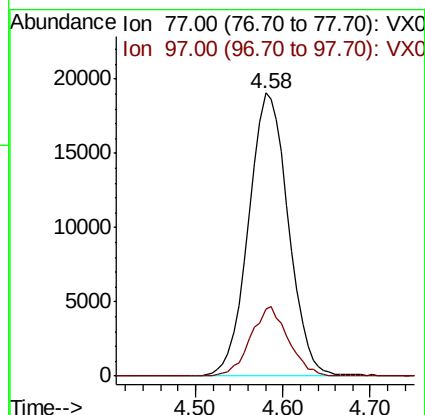
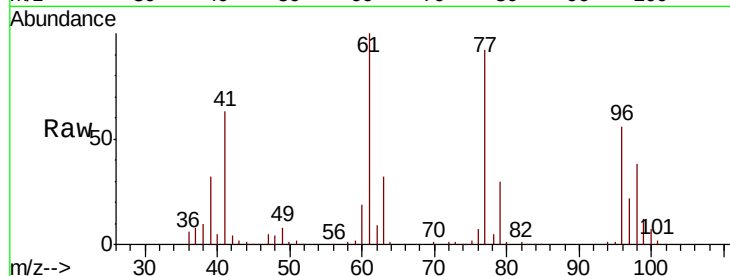
VSTDCCC020EC

Tot Ion: 77 Resp: 60370

Ion Ratio Lower Upper

77 100

97 23.3 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 19.758 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

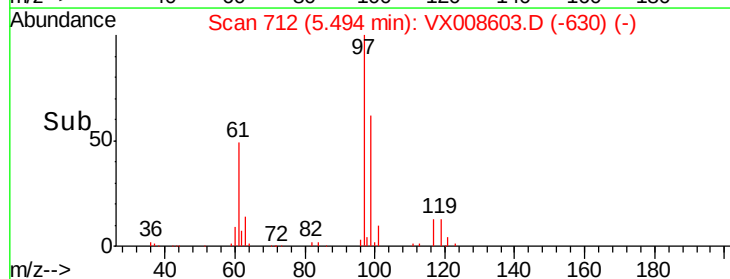
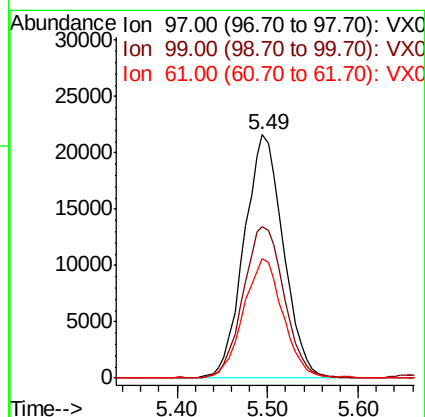
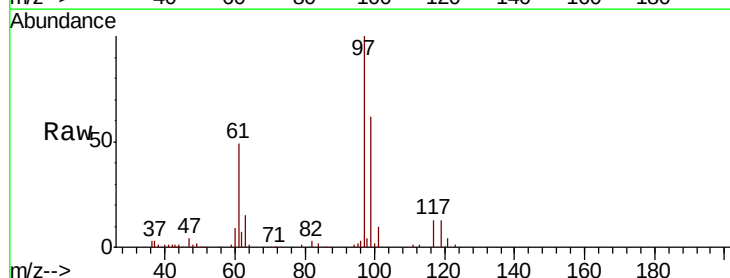
Tgt Ion: 97 Resp: 64915

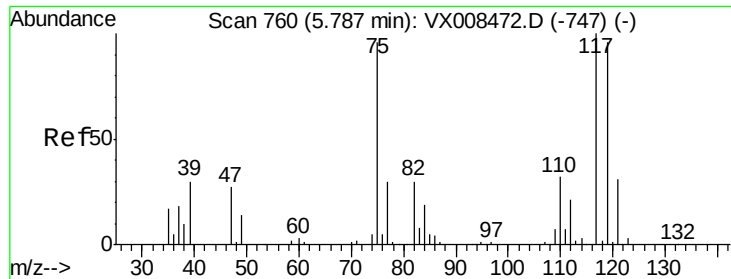
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 49.3 32.8 49.2#

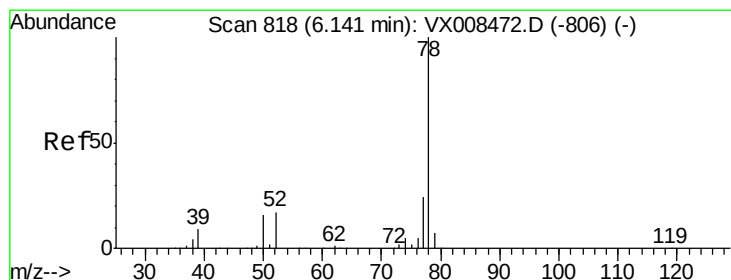
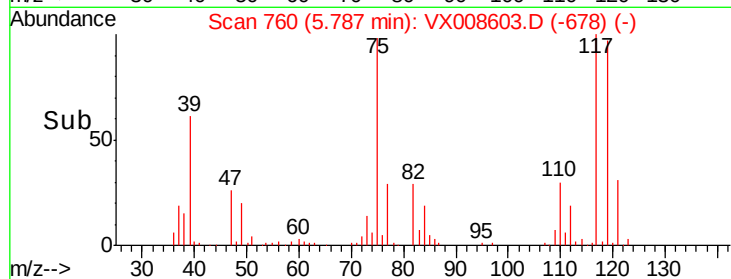
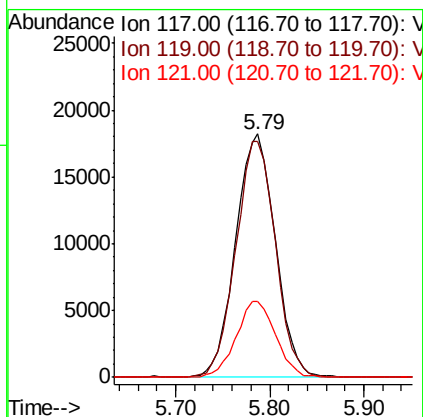
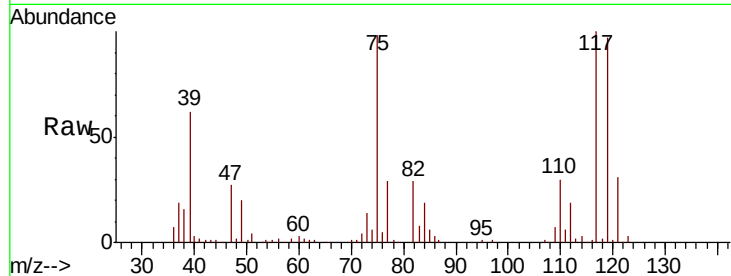




#33
Carbon Tetrachloride
Concen: 19.450 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

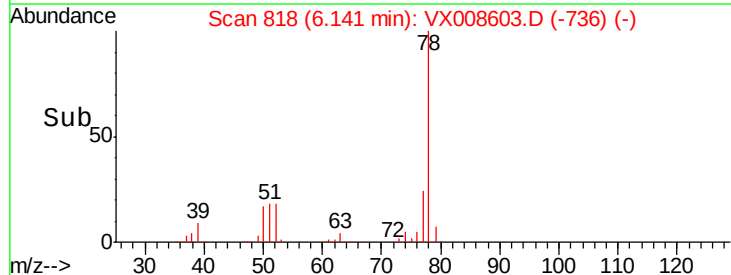
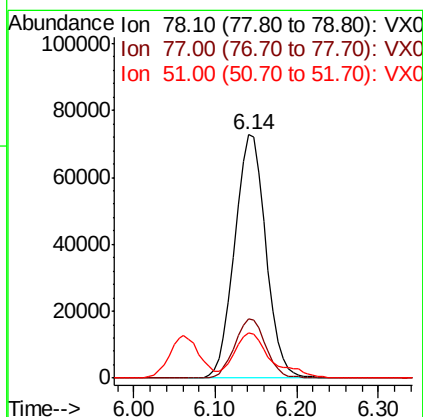
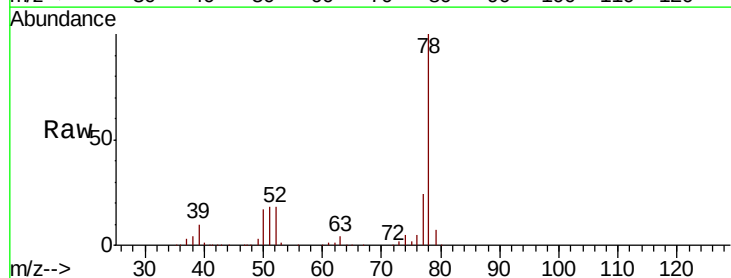
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

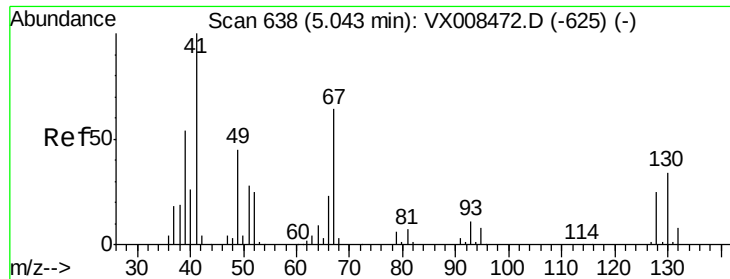
Tot Ion:117 Resp: 53466
Ion Ratio Lower Upper
117 100
119 97.1 78.1 117.1
121 31.4 27.0 40.6



#34
Benzene
Concen: 19.954 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 78 Resp: 192983
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 18.1 10.8 16.2#

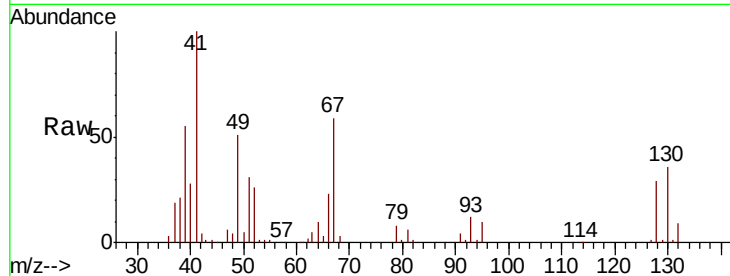




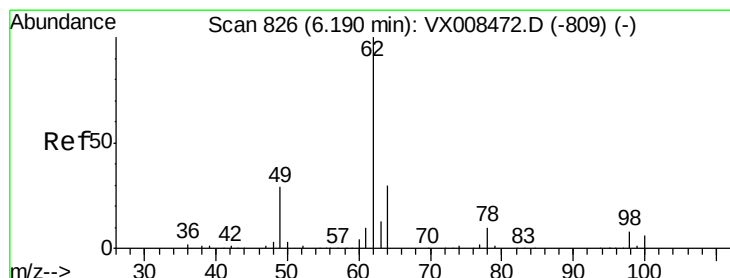
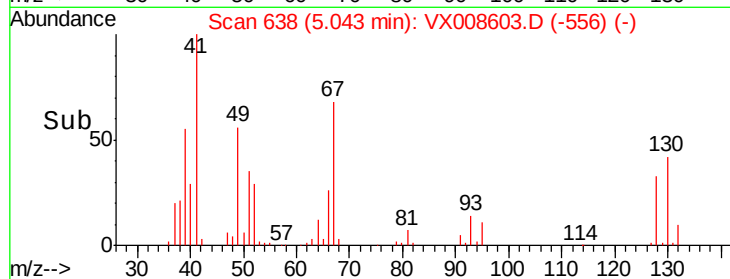
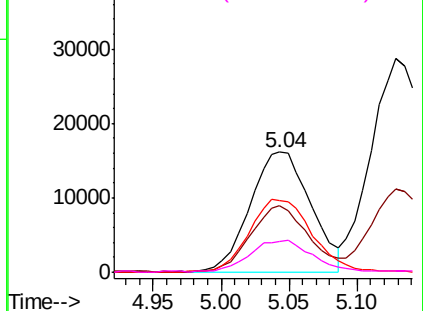
#35
Methacrylonitrile
Concen: 21.061 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	49830
Ion	Ratio	Lower	Upper
41	100		
39	55.3	27.4	82.0
67	58.9	37.9	113.6
52	25.5	13.3	39.9

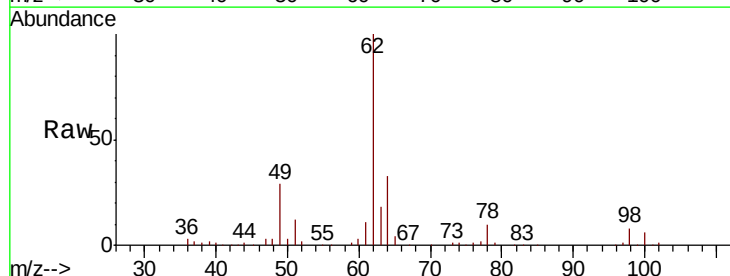


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

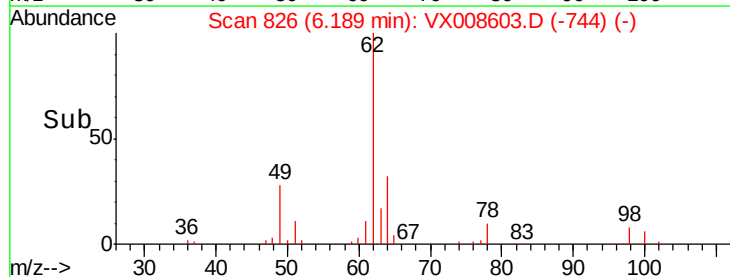
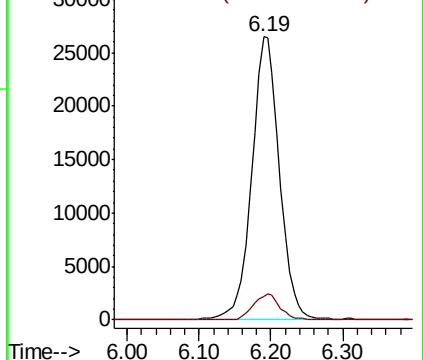


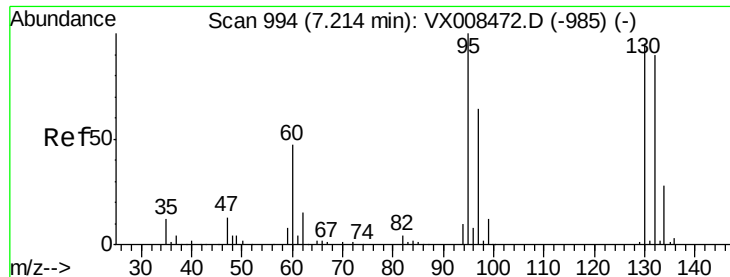
#36
1,2-Dichloroethane
Concen: 20.493 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion:	62	Resp:	70660
Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

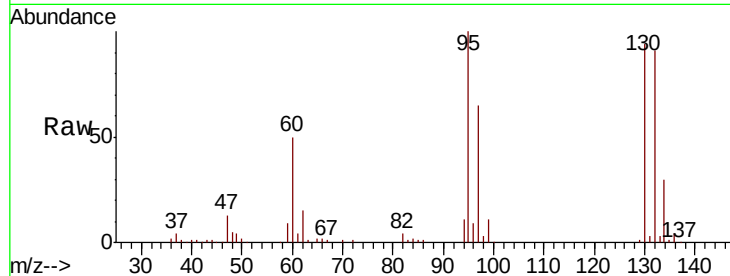




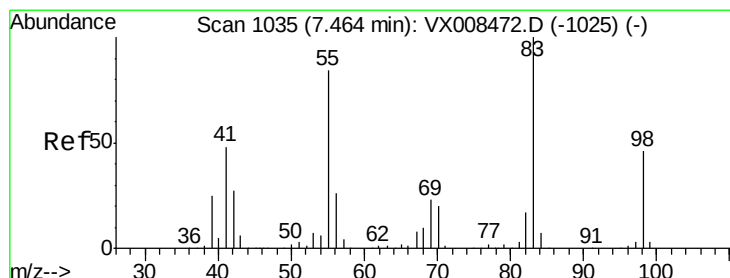
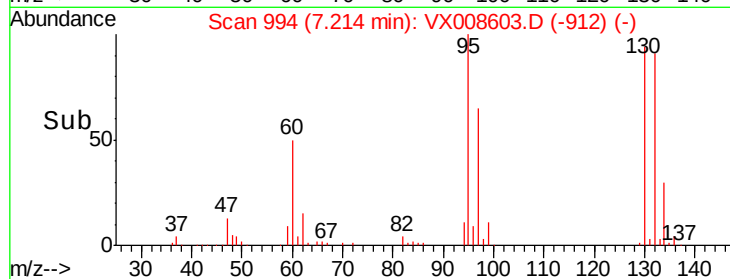
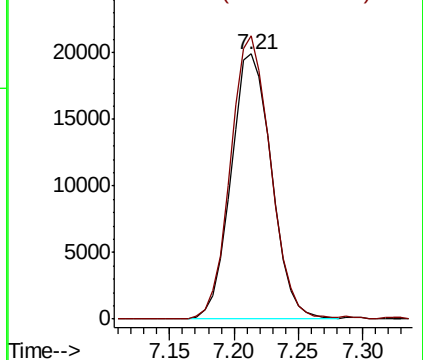
#37
 Trichloroethene
 Concen: 19.604 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 43601
 Ion Ratio Lower Upper
 130 100
 95 106.4 71.3 106.9

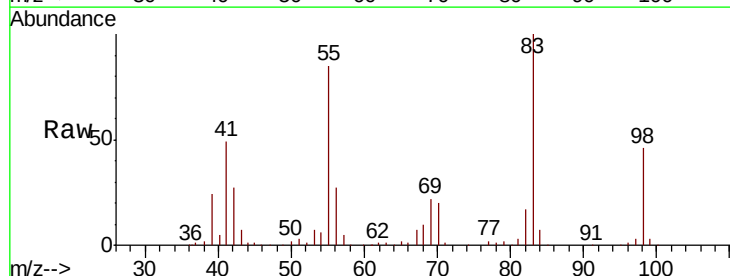


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

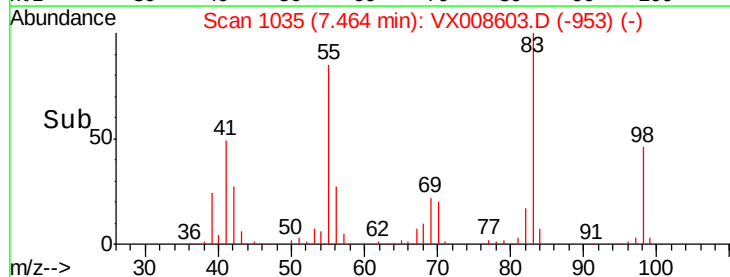
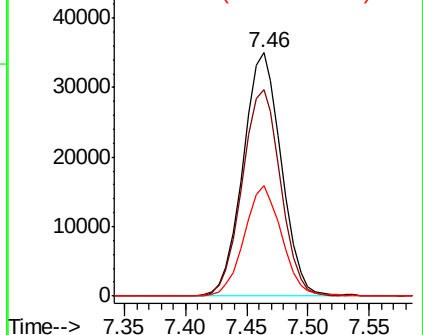


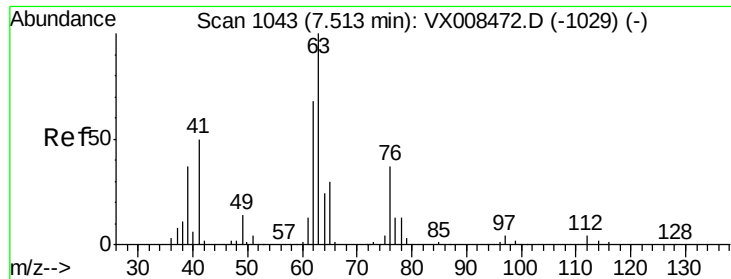
#38
 Methylcyclohexane
 Concen: 19.155 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 83 Resp: 76365
 Ion Ratio Lower Upper
 83 100
 55 84.7 36.0 108.0
 98 44.4 23.8 71.4



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

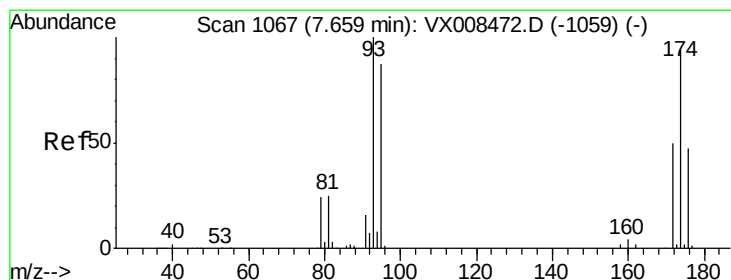
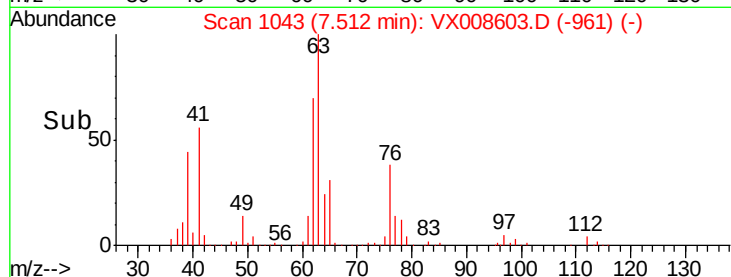
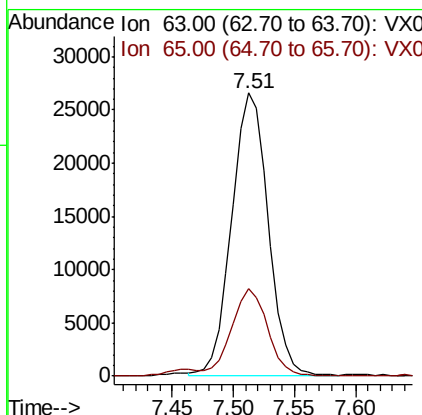
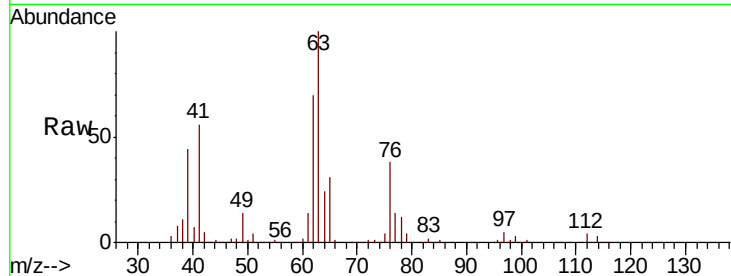




#39
 1,2-Dichloropropane
 Concen: 20.128 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

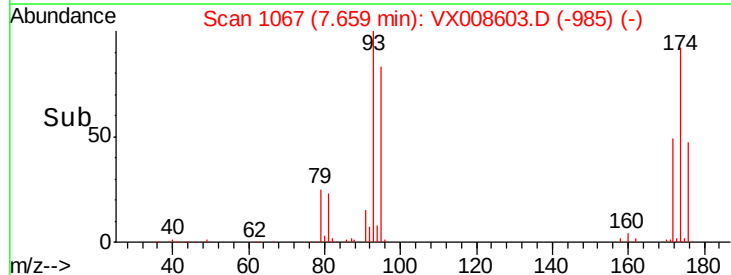
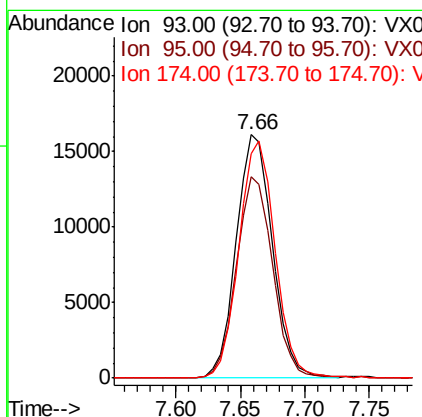
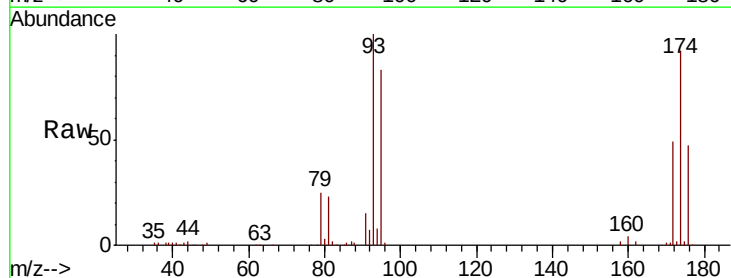
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

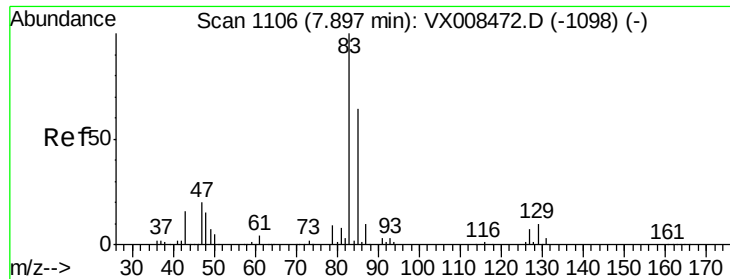
Tot Ion: 63 Resp: 55214
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 37.0



#40
 Dibromomethane
 Concen: 19.798 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 93 Resp: 31460
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 158.8
 174 97.1 0.0 224.2





#41

Bromodichloromethane

Concen: 19.823 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

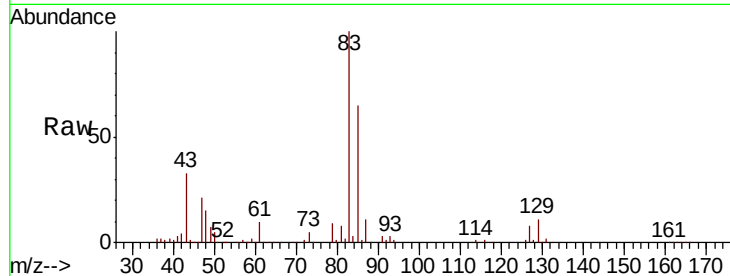
Tot Ion: 83 Resp: 61936

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

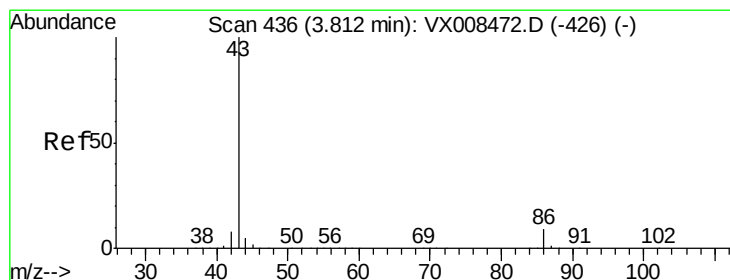
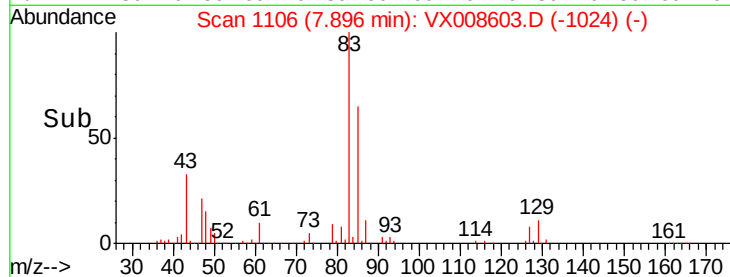
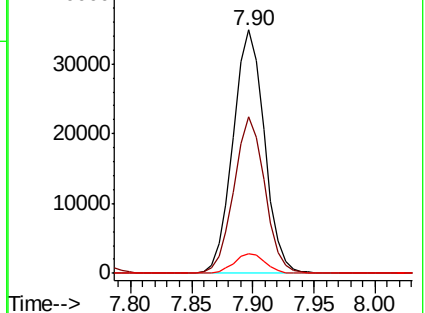
127 8.3 7.2 10.8



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): V



#42

Vinyl Acetate

Concen: 103.530 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008603.D

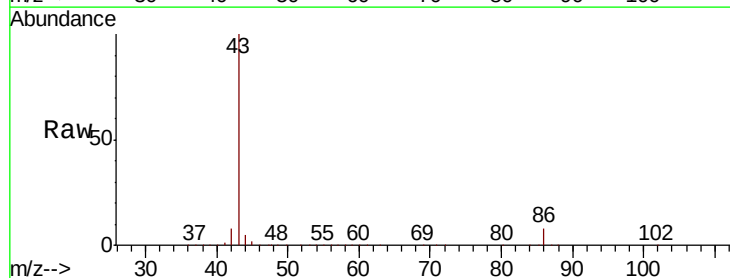
Acq: 02 Apr 2019 20:11

Tgt Ion: 43 Resp: 816522

Ion Ratio Lower Upper

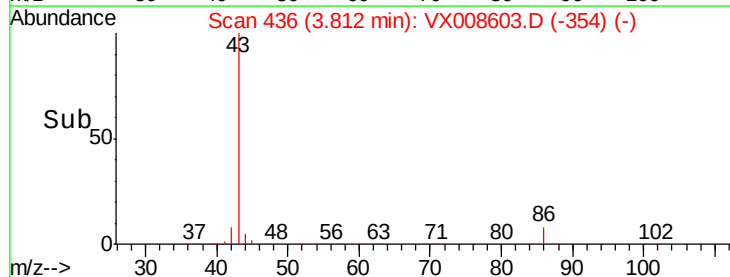
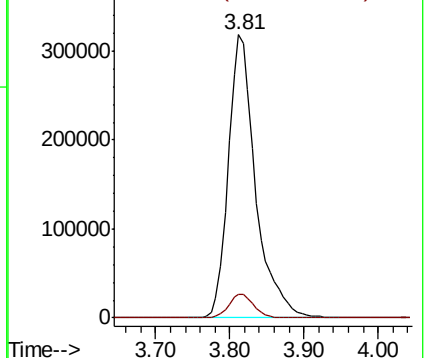
43 100

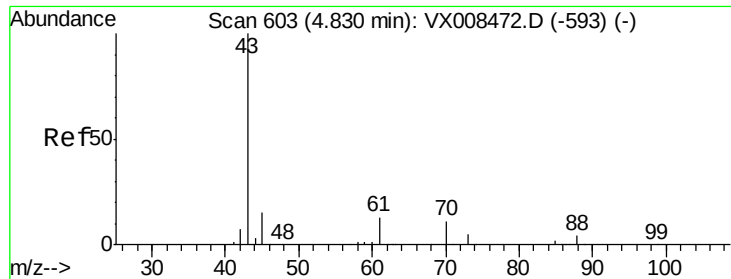
86 7.7 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

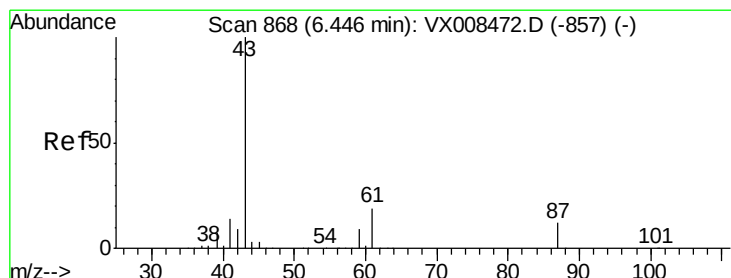
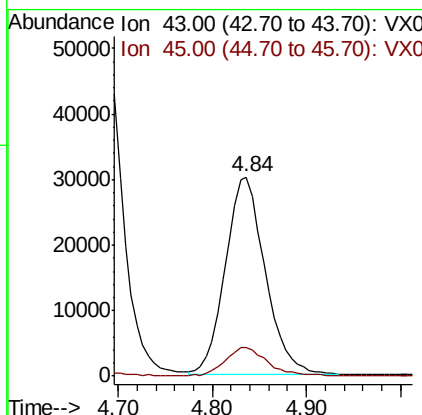
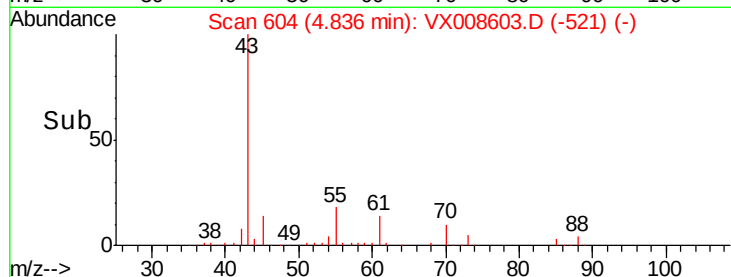
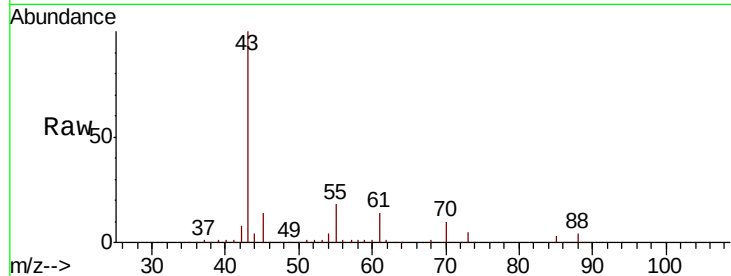




#43
Ethyl Acetate
Concen: 21.139 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

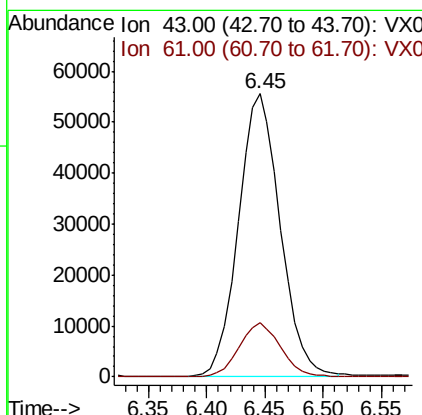
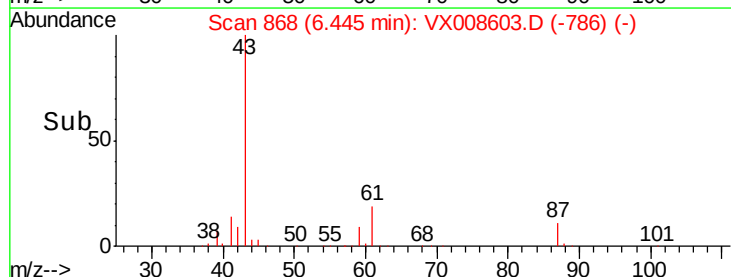
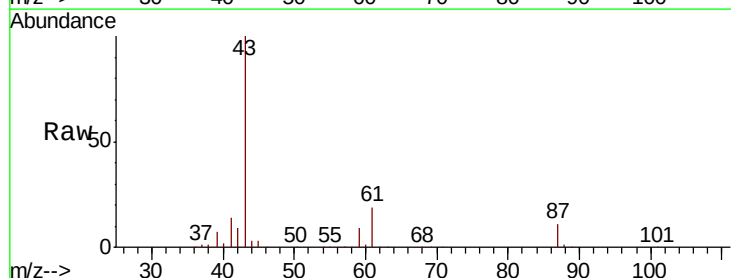
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

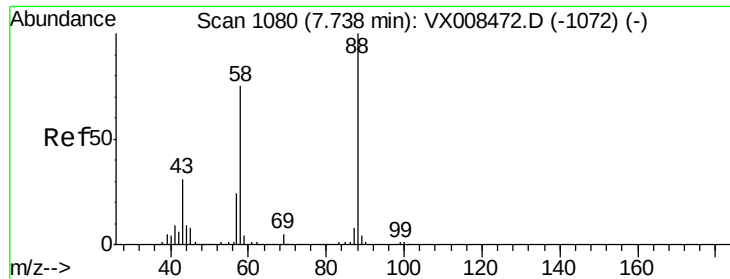
Tot Ion: 43 Resp: 88519
Ion Ratio Lower Upper
43 100
45 14.6 6.9 10.3#



#44
Isopropyl Acetate
Concen: 20.417 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 43 Resp: 138240
Ion Ratio Lower Upper
43 100
61 19.2 16.1 24.1





#45

1,4-Dioxane

Concen: 426.678 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

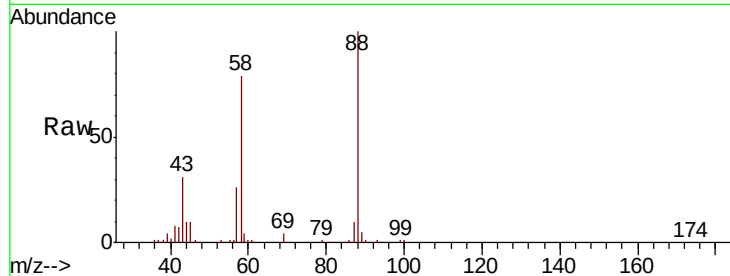
Tot Ion: 88 Resp: 28760

Ion Ratio Lower Upper

88 100

43 35.6 23.6 35.4#

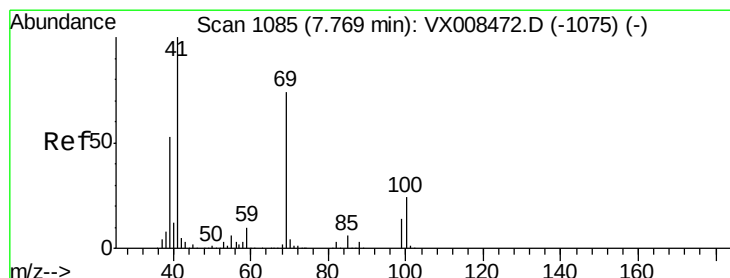
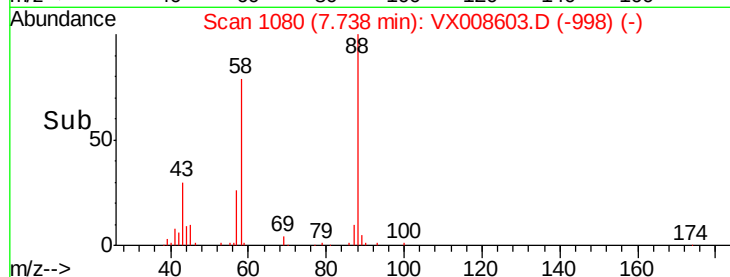
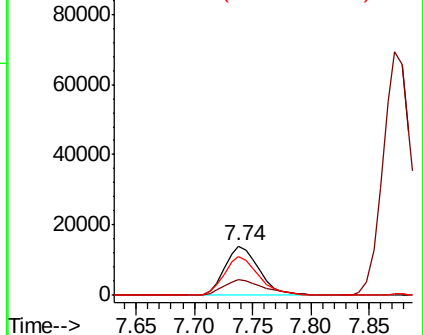
58 78.4 51.6 77.4#



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: 20.523 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

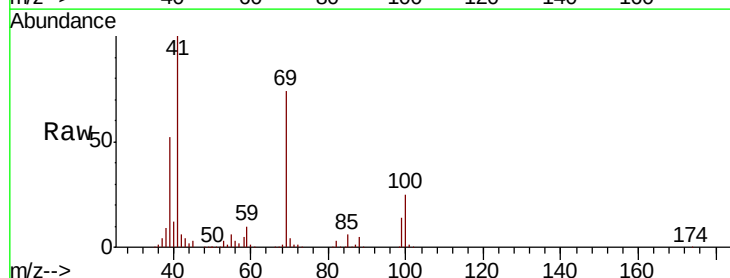
Tgt Ion: 41 Resp: 70577

Ion Ratio Lower Upper

41 100

69 74.1 44.2 132.6

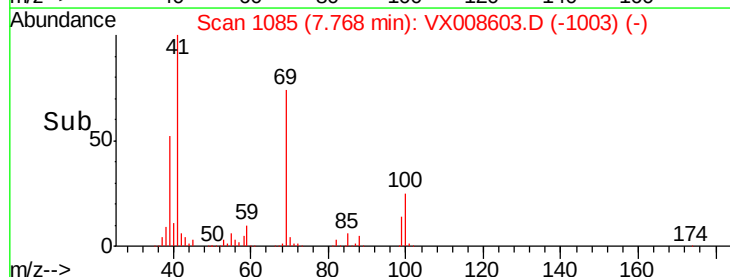
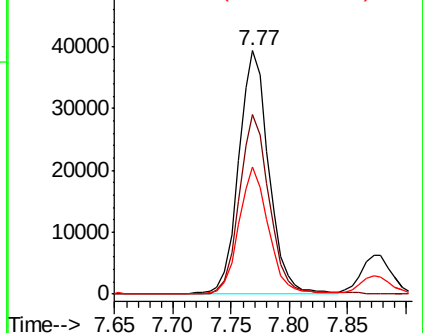
39 52.1 29.9 89.8

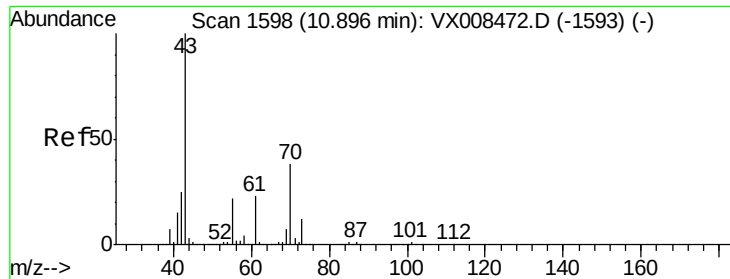


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 20.311 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

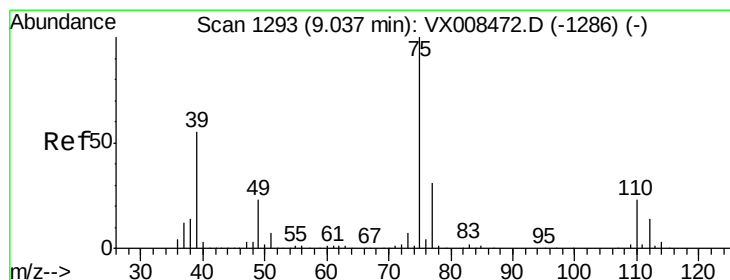
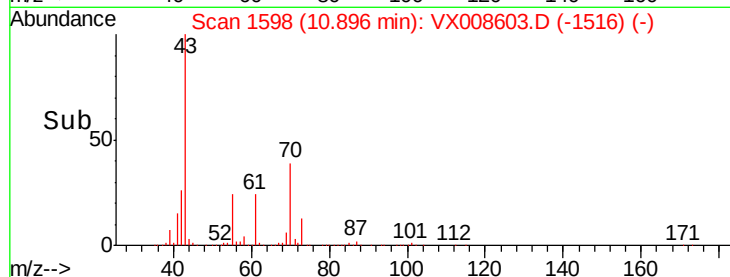
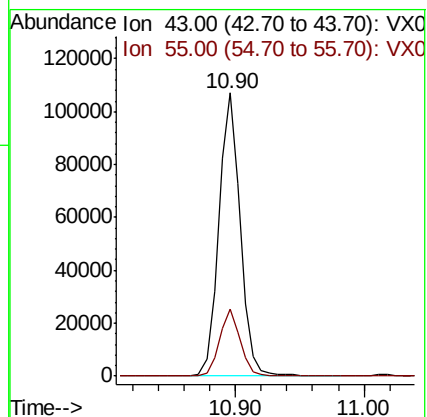
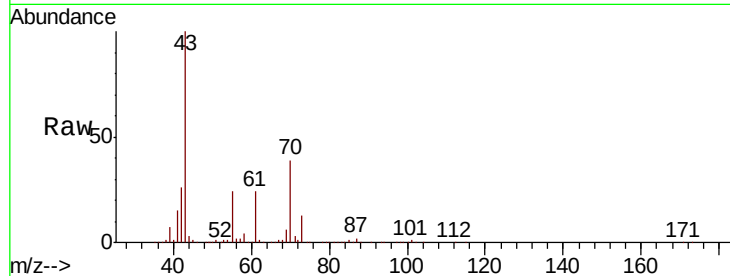
VSTDCCC020EC

Tot Ion: 43 Resp: 124925

Ion Ratio Lower Upper

43 100

55 22.7 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 19.303 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008603.D

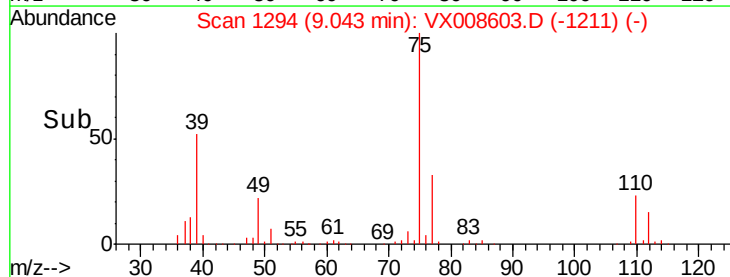
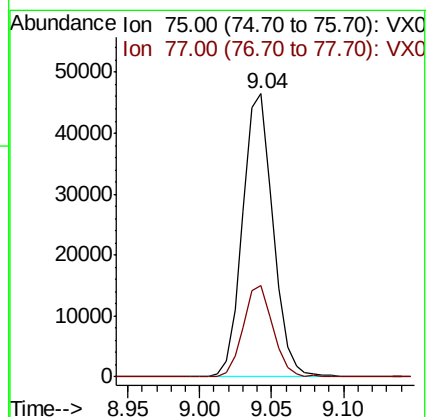
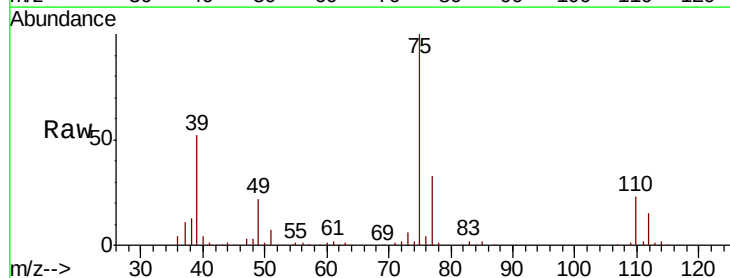
Acq: 02 Apr 2019 20:11

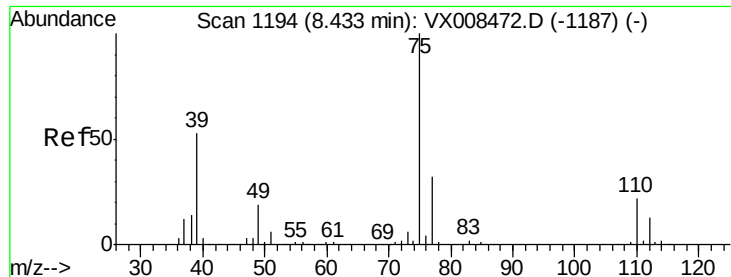
Tgt Ion: 75 Resp: 68124

Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7



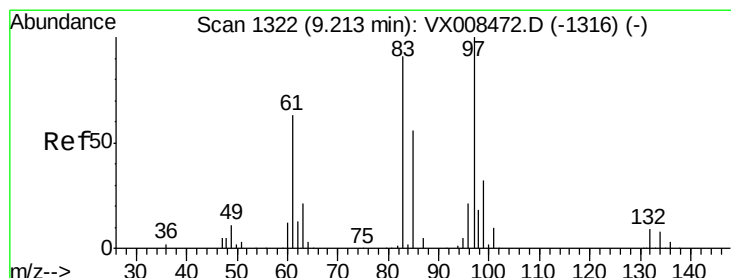
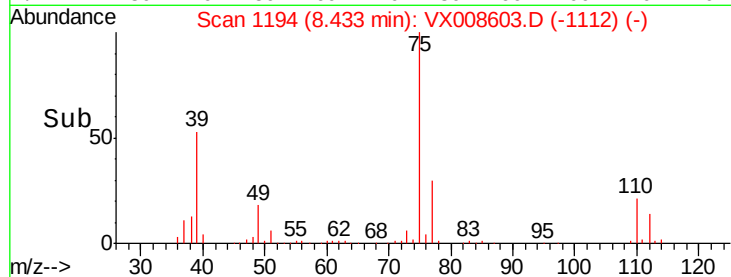
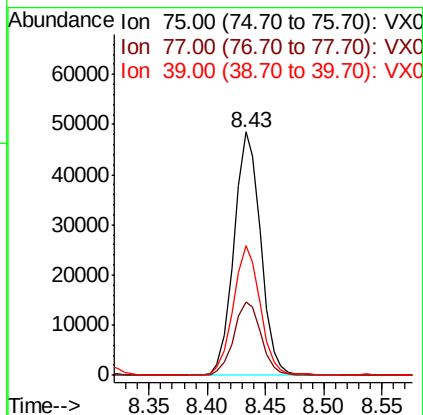
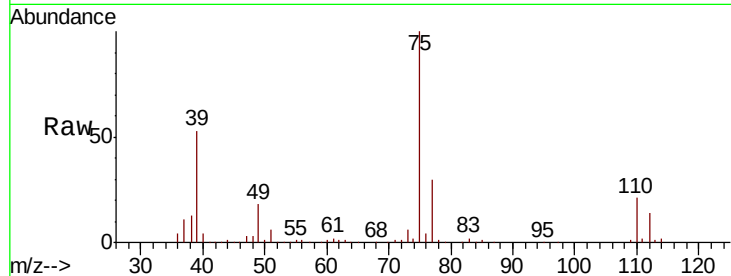


#49

cis-1,3-Dichloropropene
 Concen: 19.696 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

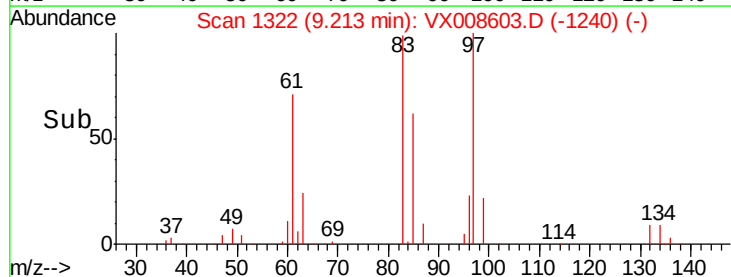
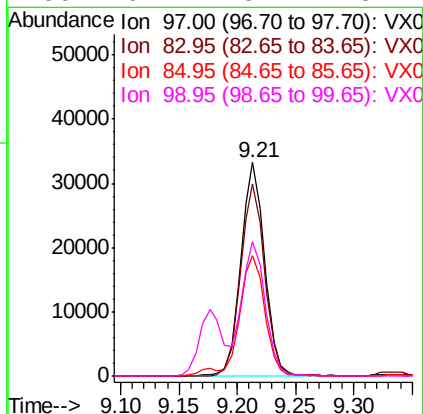
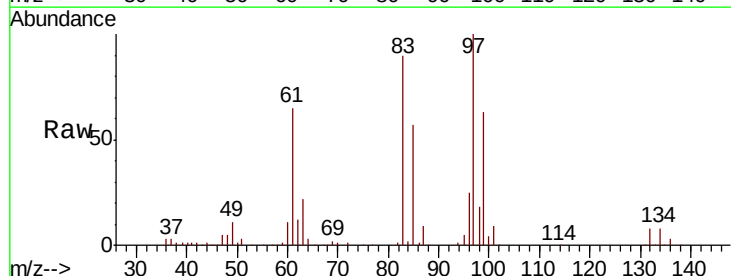
Tot Ion: 75 Resp: 77748
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.4
 39 52.9 38.5 57.7

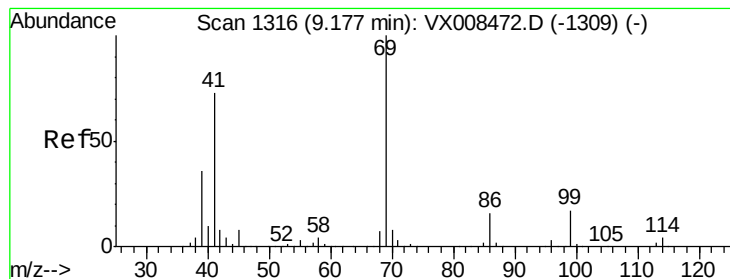


#50

1,1,2-Trichloroethane
 Concen: 20.141 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 97 Resp: 47521
 Ion Ratio Lower Upper
 97 100
 83 90.0 72.0 108.0
 85 56.4 45.0 67.6
 99 62.7 54.2 81.4





#51

Ethyl methacrylate

Concen: 19.697 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

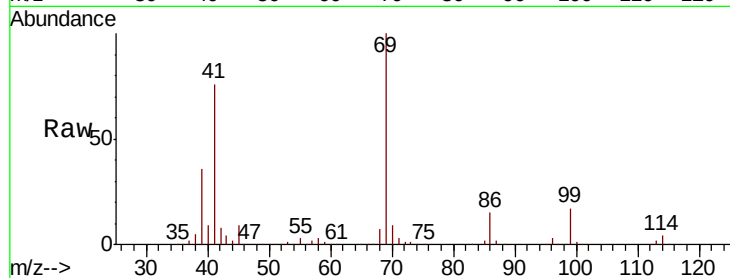
Tot Ion: 69 Resp: 86483

Ion Ratio Lower Upper

69 100

41 76.1 32.1 96.5

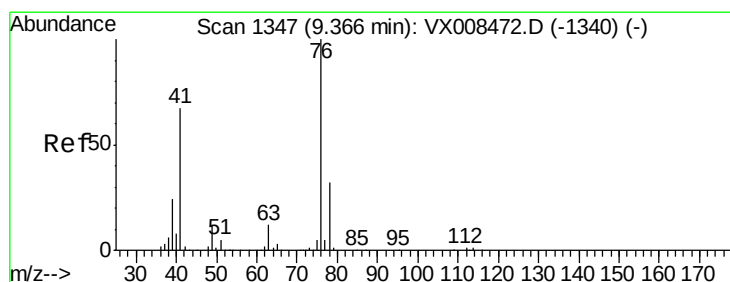
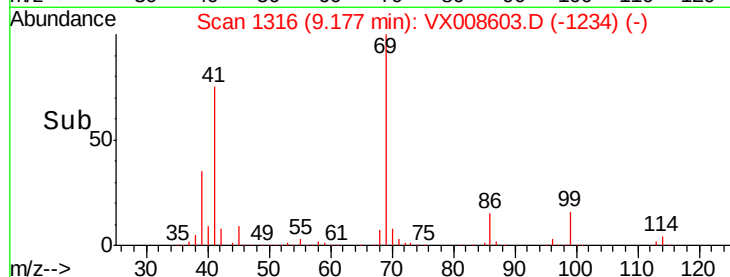
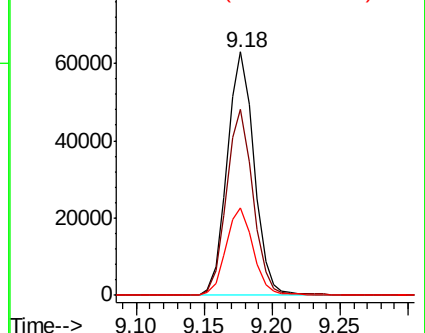
39 35.7 18.8 56.3



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: 20.048 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX008603.D

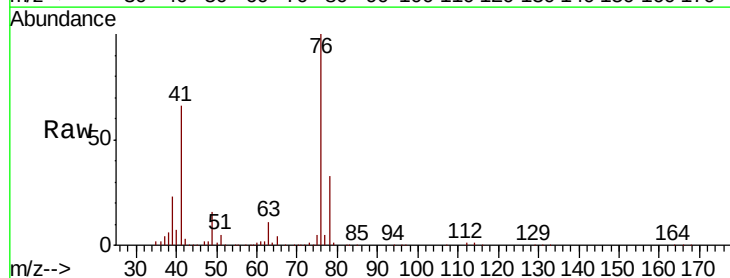
Acq: 02 Apr 2019 20:11

Tgt Ion: 76 Resp: 84156

Ion Ratio Lower Upper

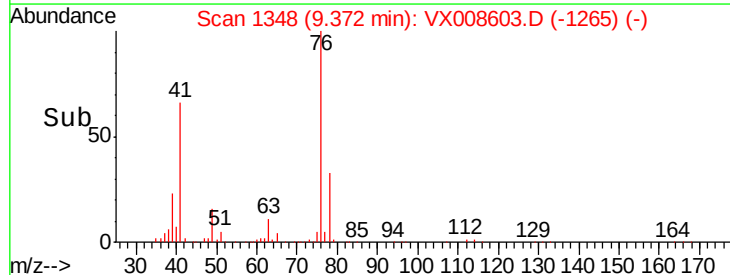
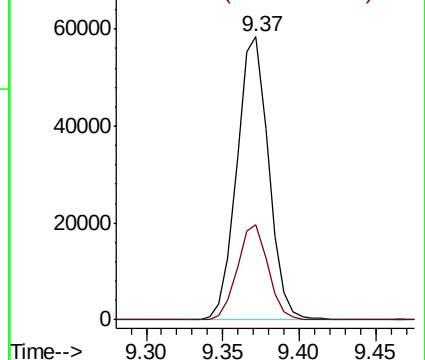
76 100

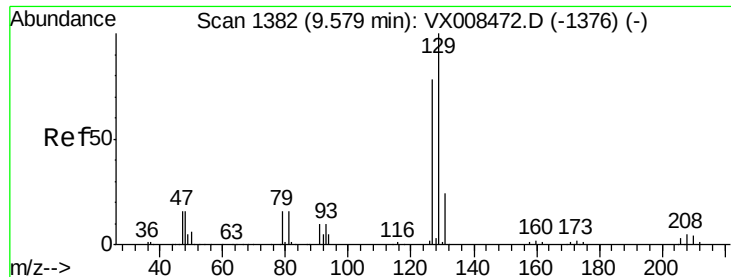
78 32.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.098 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

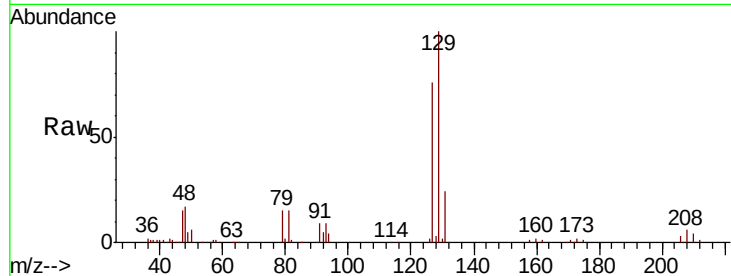
VSTDCCC020EC

Tot Ion:129 Resp: 44342

Ion Ratio Lower Upper

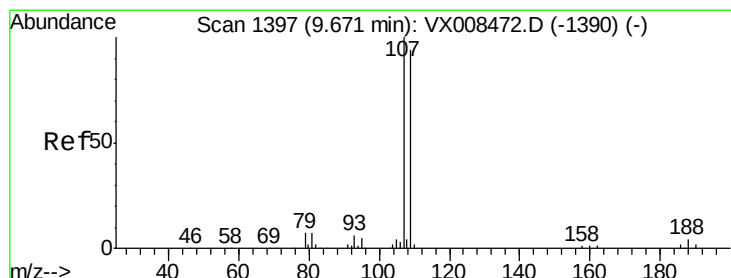
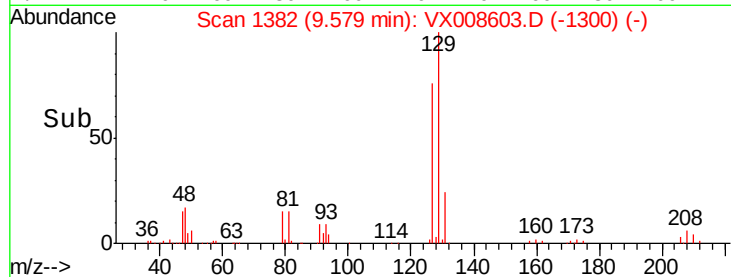
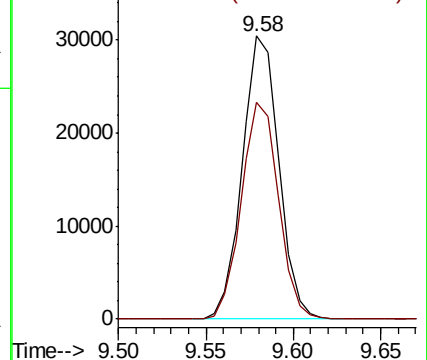
129 100

127 77.8 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.996 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008603.D

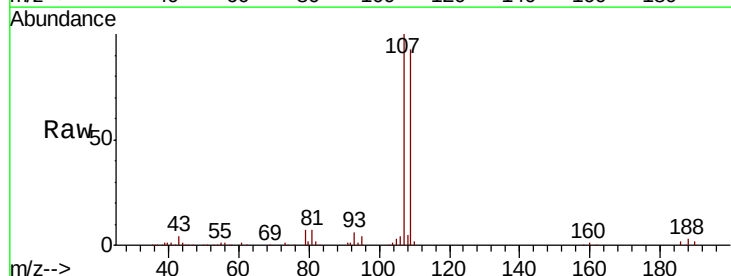
Acq: 02 Apr 2019 20:11

Tgt Ion:107 Resp: 48637

Ion Ratio Lower Upper

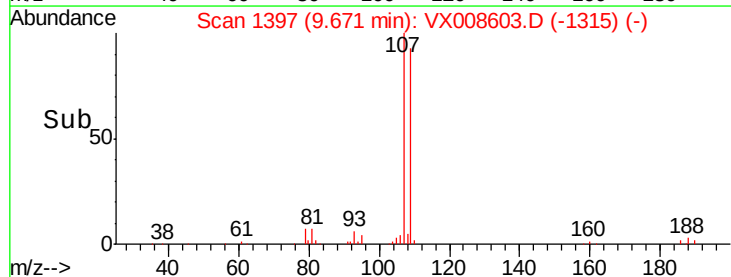
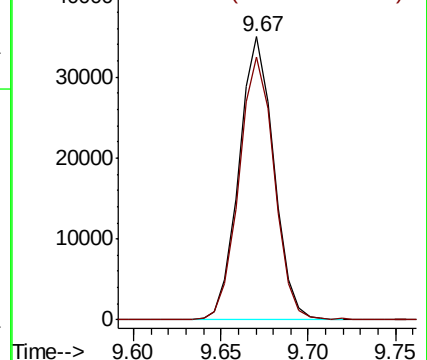
107 100

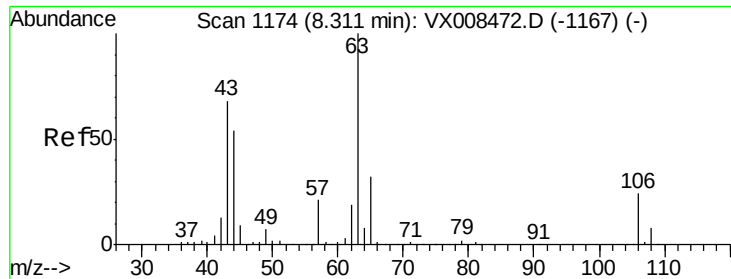
109 93.8 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

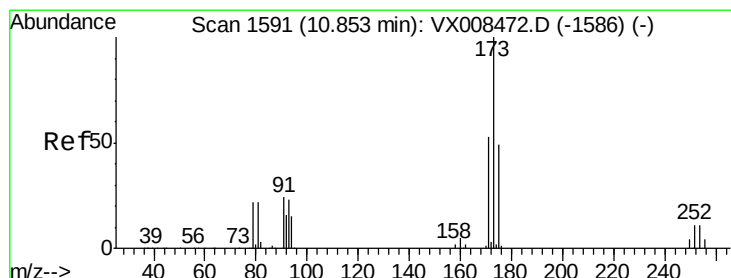
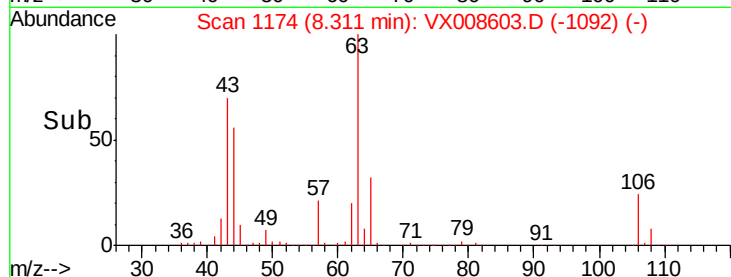
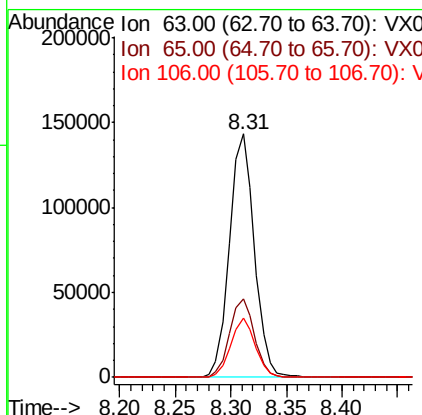
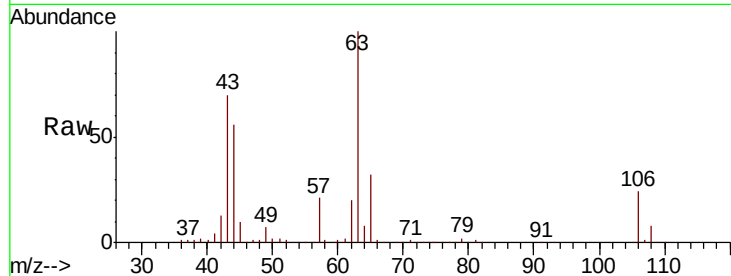




#55
2-Chloroethyl vinyl ether
Concen: 100.594 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

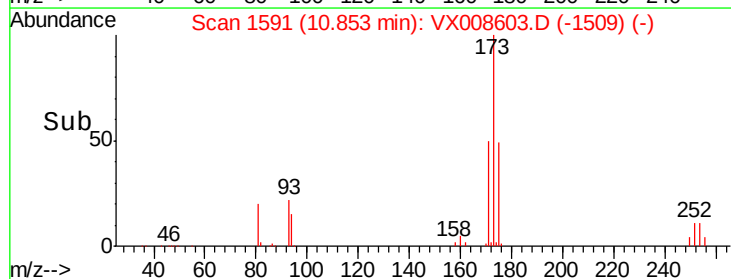
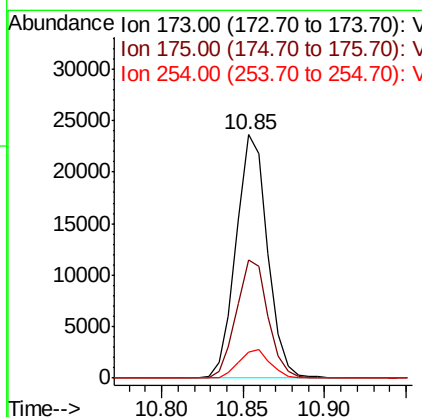
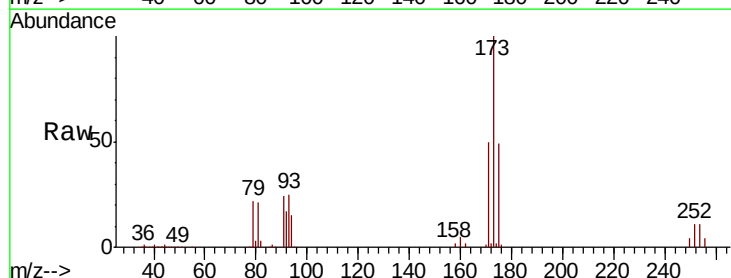
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

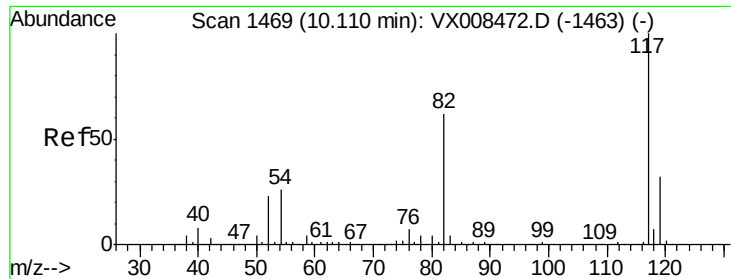
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5
106	23.9	23.7	35.5



#56
Bromoform
Concen: 18.807 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.5	57.7
254	11.6	7.4	11.2

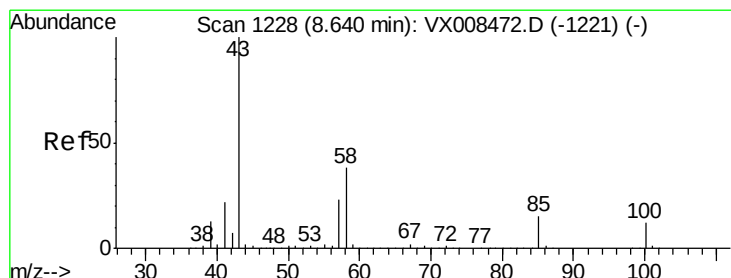
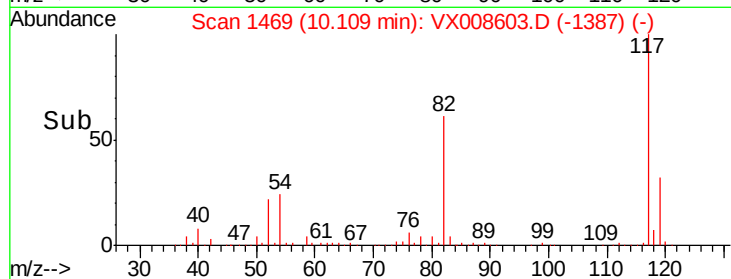
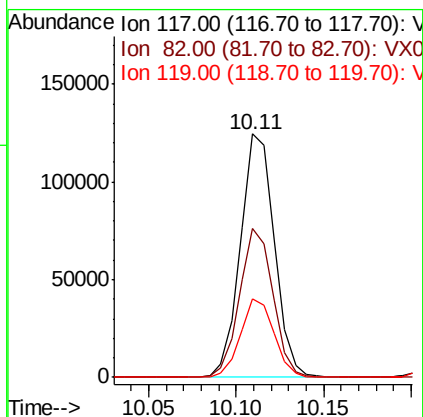
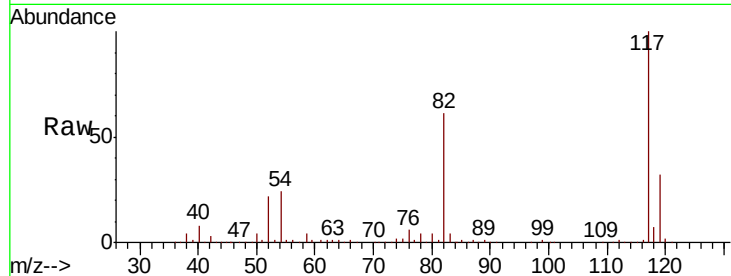




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

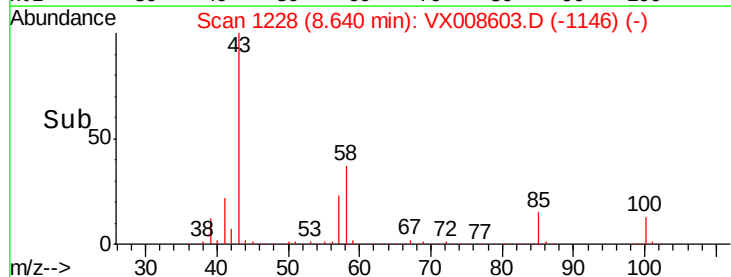
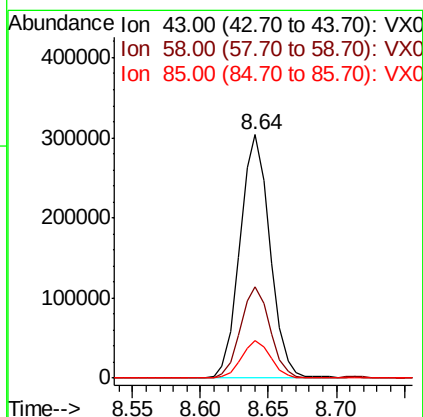
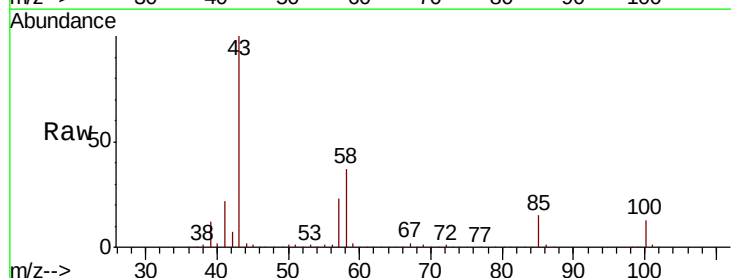
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

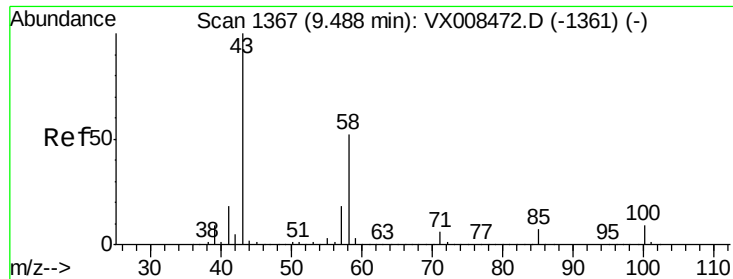
Tot Ion:117 Resp: 168355
Ion Ratio Lower Upper
117 100
82 59.9 40.4 60.6
119 31.8 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 105.387 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 43 Resp: 468074
Ion Ratio Lower Upper
43 100
58 37.0 31.4 47.0
85 15.0 15.0 22.6#

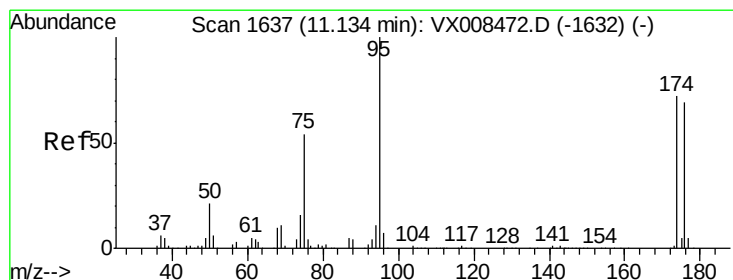
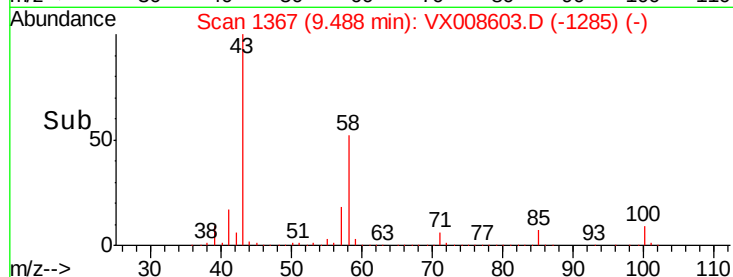
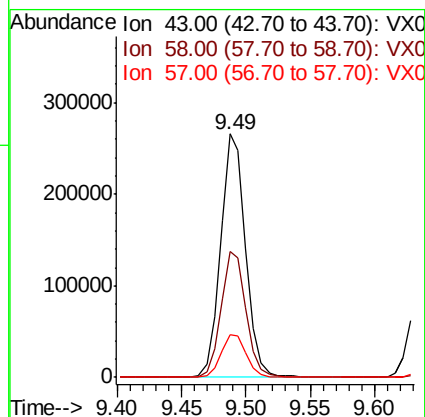
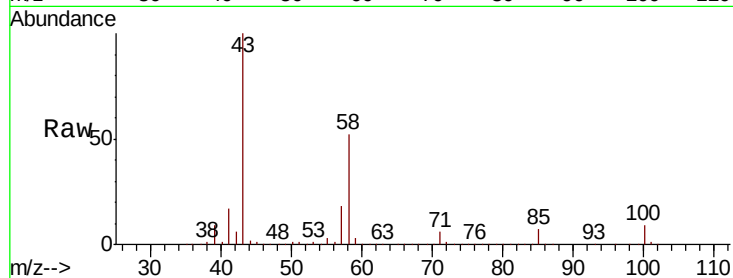




#59
2-Hexanone
Concen: 102.871 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

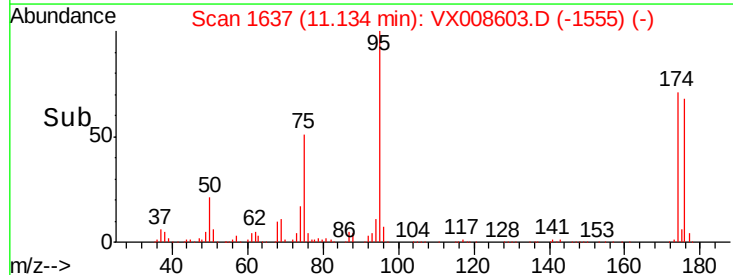
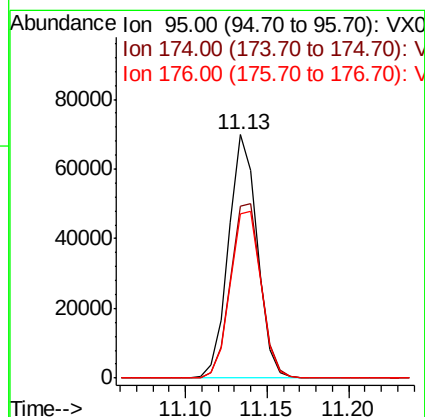
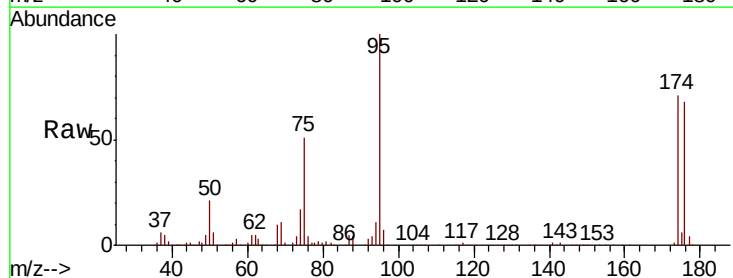
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

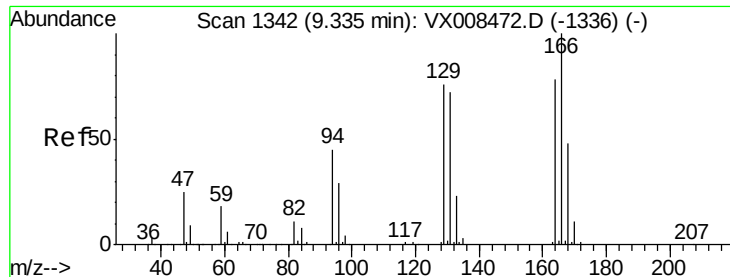
Tot Ion: 43 Resp: 360973
Ion Ratio Lower Upper
43 100
58 52.0 43.9 65.9
57 18.2 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.173 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 95 Resp: 85574
Ion Ratio Lower Upper
95 100
174 76.3 74.9 112.3
176 73.7 70.7 106.1

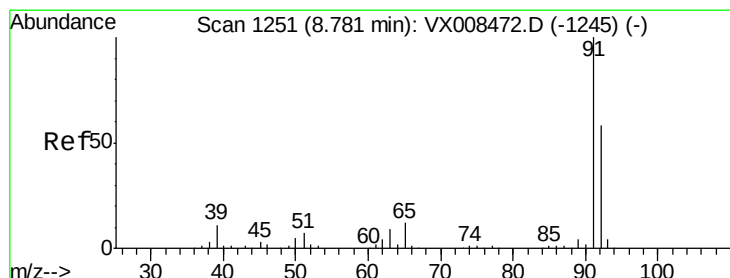
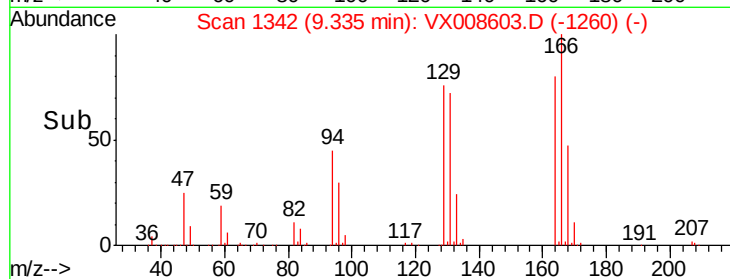
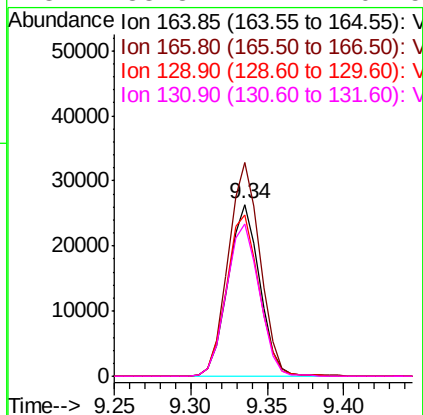
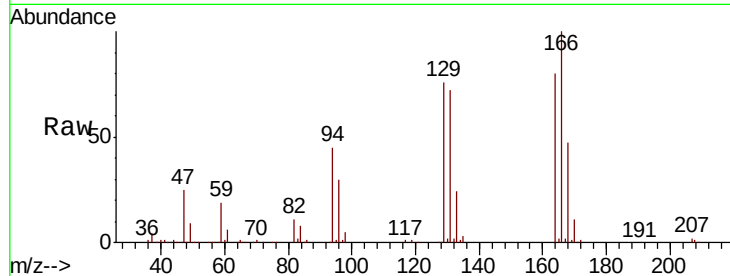




#61
Tetrachloroethene
Concen: 20.615 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

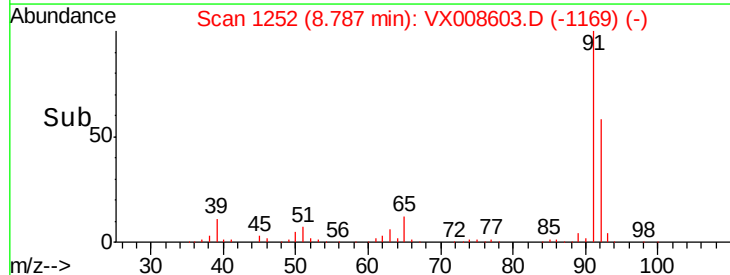
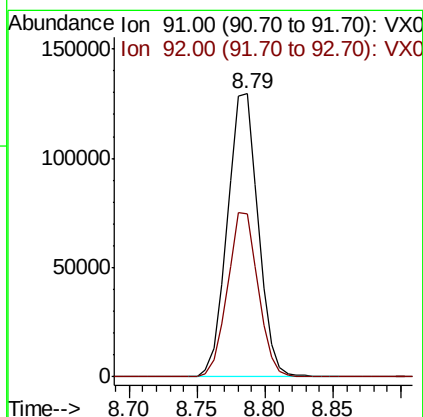
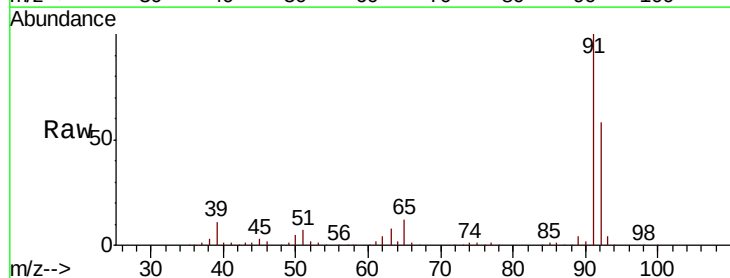
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

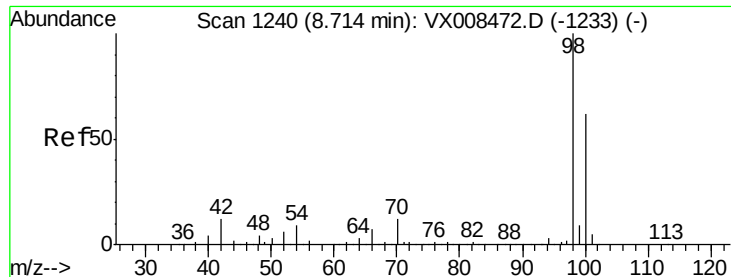
Tot Ion	Ratio	Lower	Upper
164	100		
166	124.3	103.9	155.9
129	93.9	74.7	112.1
131	88.8	71.7	107.5



#62
Toluene
Concen: 19.992 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	46.4	69.6





#63

Toluene-d8

Concen: 29.575 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

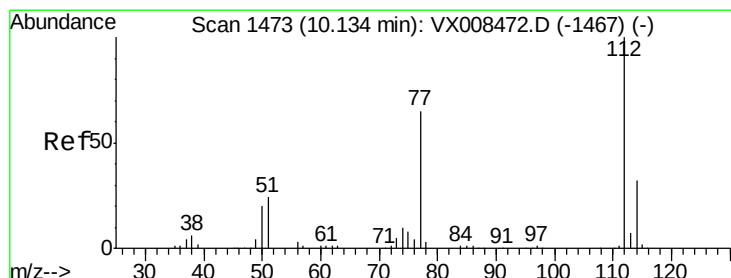
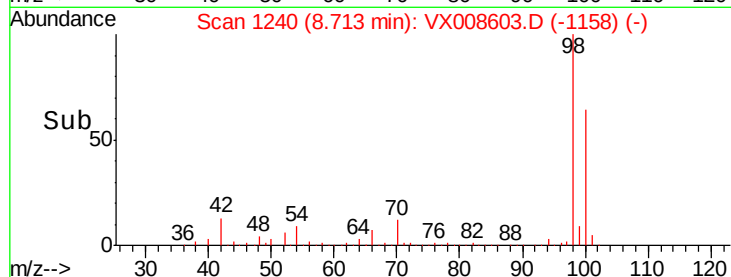
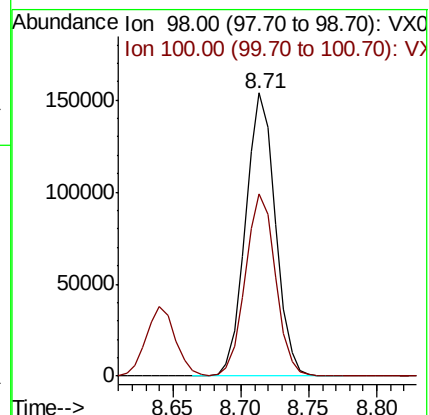
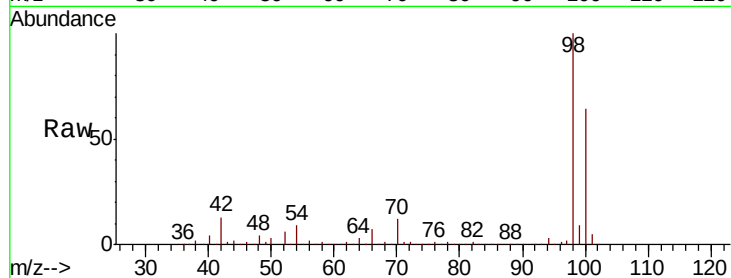
VSTDCCC020EC

Tot Ion: 98 Resp: 236345

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#64

Chlorobenzene

Concen: 19.750 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008603.D

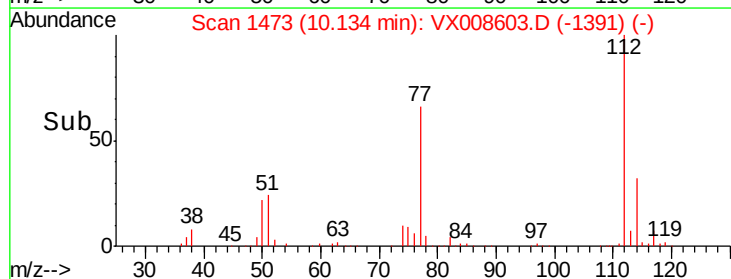
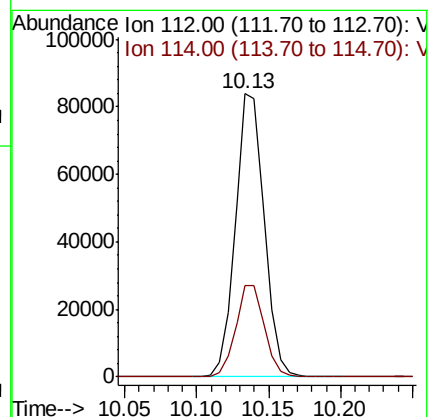
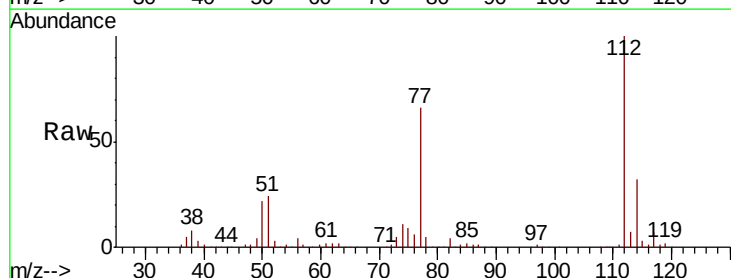
Acq: 02 Apr 2019 20:11

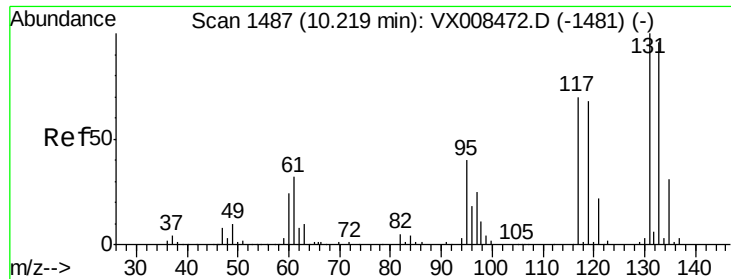
Tgt Ion: 112 Resp: 117960

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.2

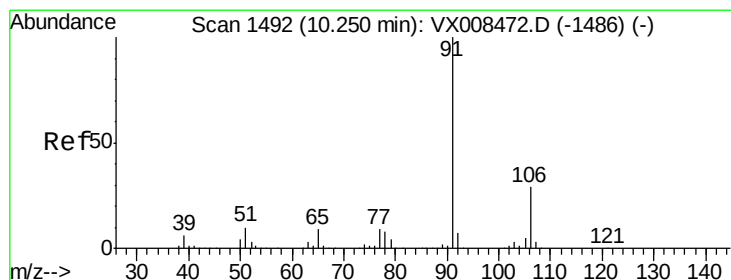
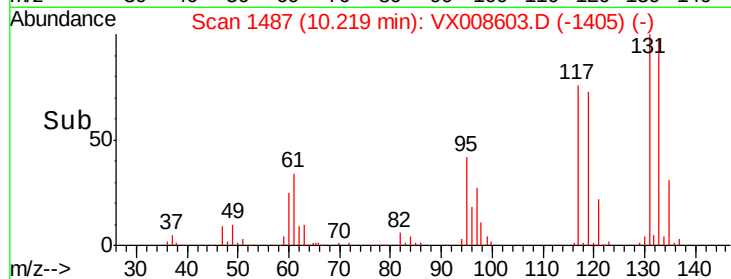
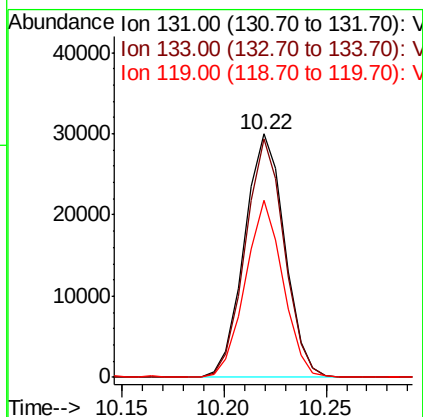
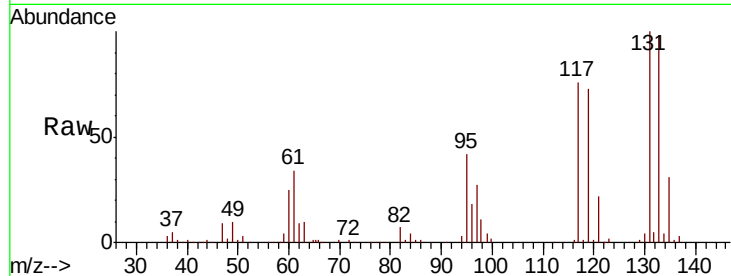




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.583 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

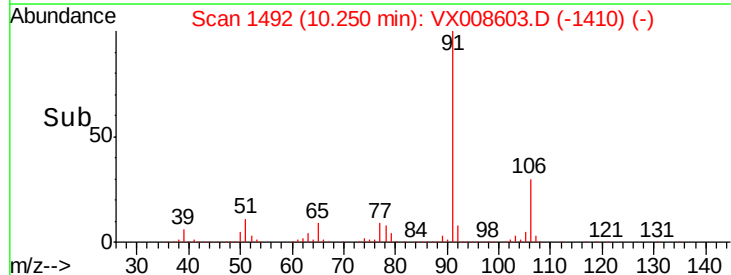
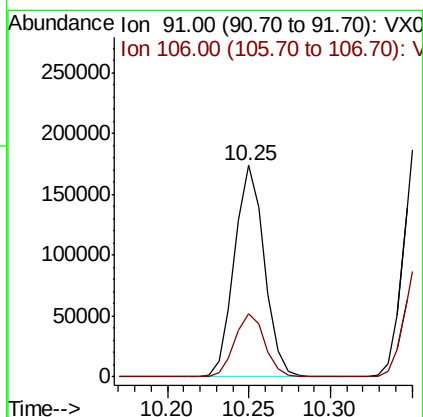
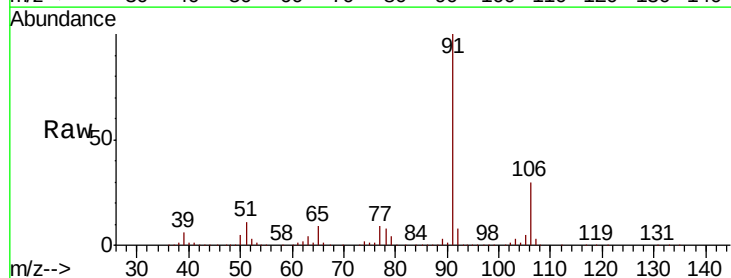
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

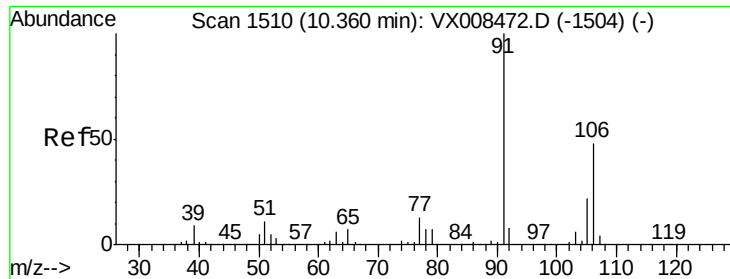
Tot Ion:131 Resp: 41238
 Ion Ratio Lower Upper
 131 100
 133 94.9 0.0 191.6
 119 67.9 0.0 127.4



#66
 Ethyl Benzene
 Concen: 19.652 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 91 Resp: 222339
 Ion Ratio Lower Upper
 91 100
 106 29.7 26.0 39.0

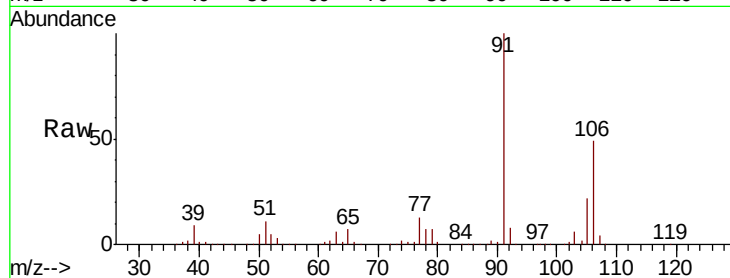




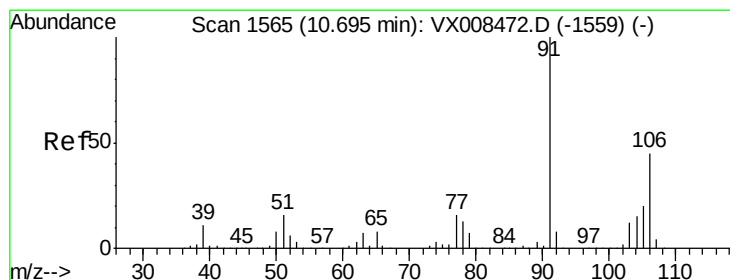
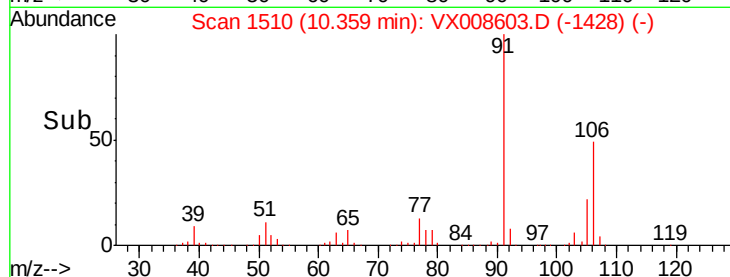
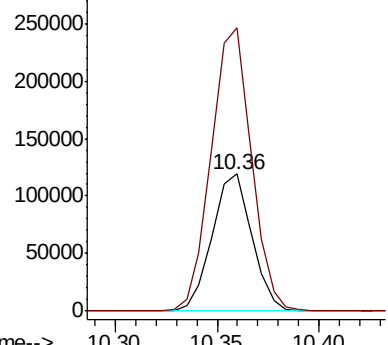
#67
m/p-Xylenes
Concen: 39.015 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 161002
Ion Ratio Lower Upper
106 100
91 209.6 157.0 235.4

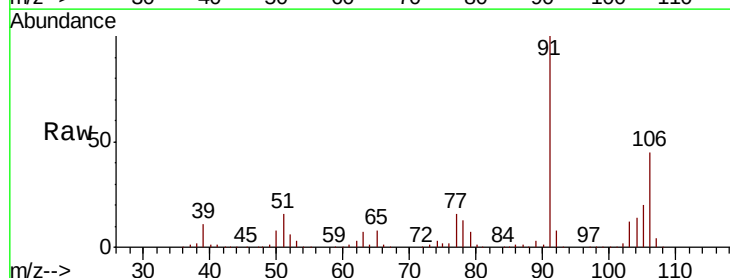


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

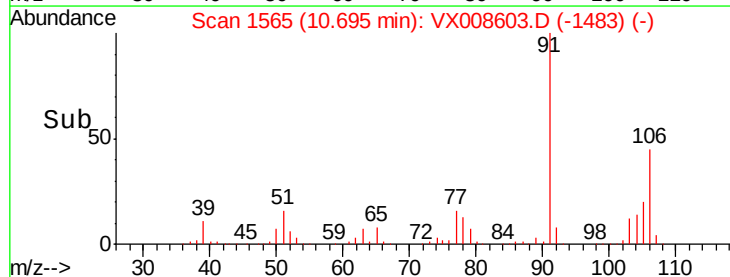
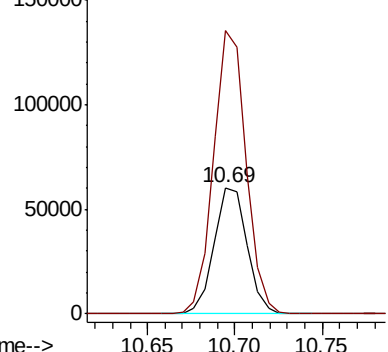


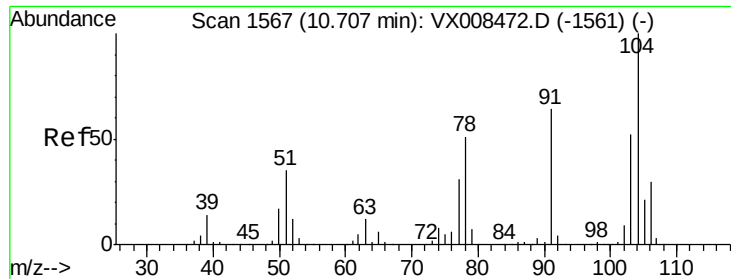
#68
o-Xylene
Concen: 19.617 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion:106 Resp: 79217
Ion Ratio Lower Upper
106 100
91 221.3 104.4 313.2



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

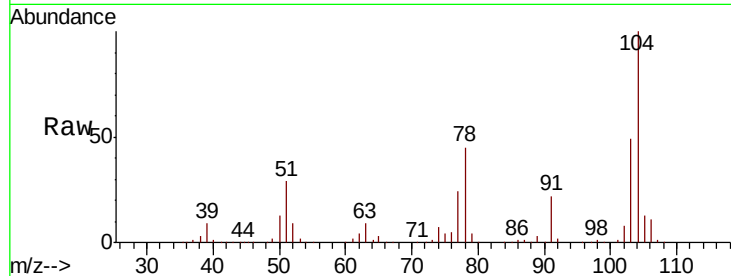




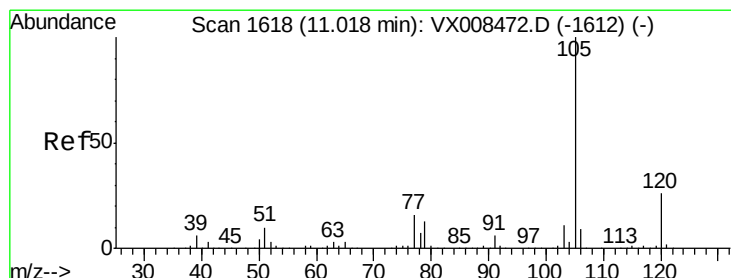
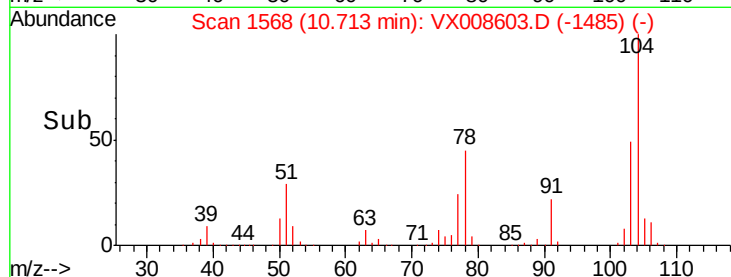
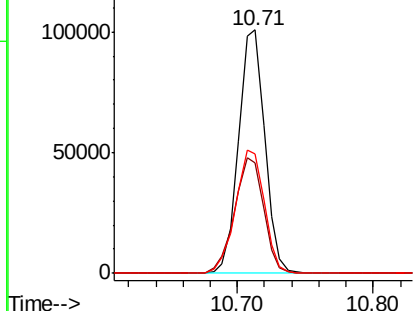
#69
Stvrene
Concen: 19.285 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:104 Resp: 135510
Ion Ratio Lower Upper
104 100
78 52.9 38.2 57.2
103 55.7 45.0 67.4

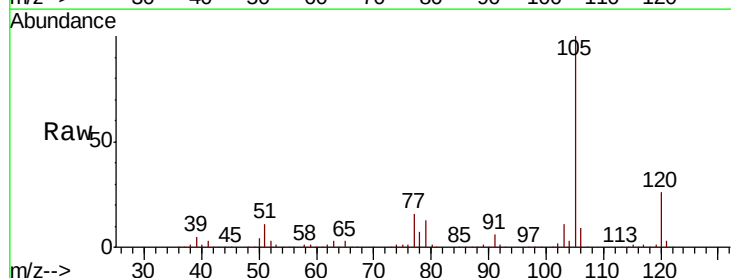


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

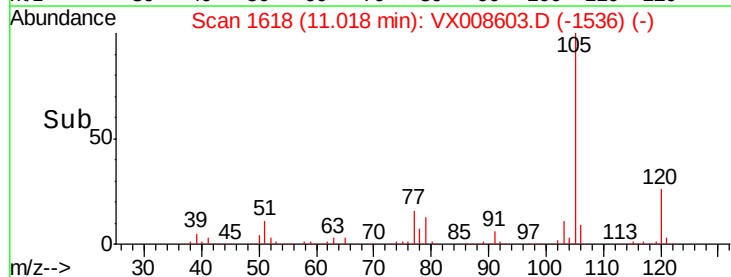
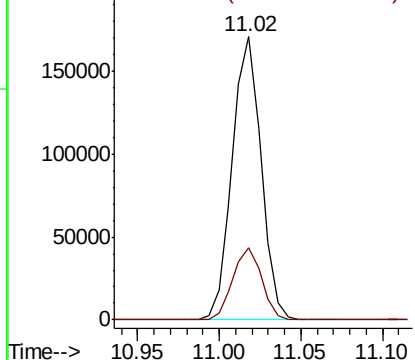


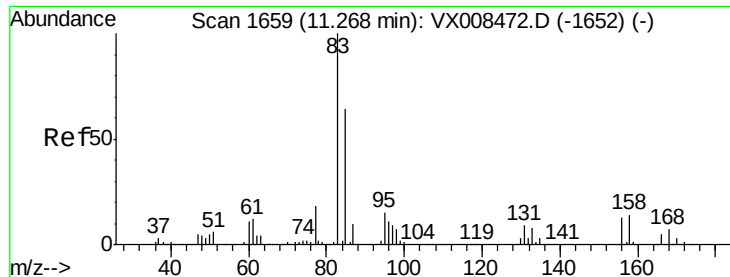
#70
Isopropylbenzene
Concen: 19.796 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion:105 Resp: 210867
Ion Ratio Lower Upper
105 100
120 25.5 19.8 36.8



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

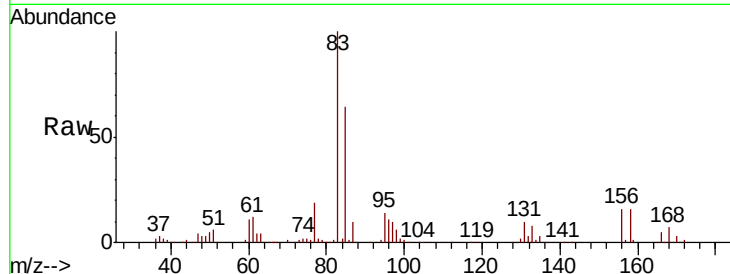




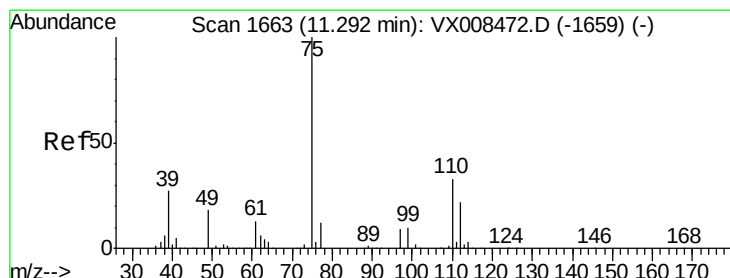
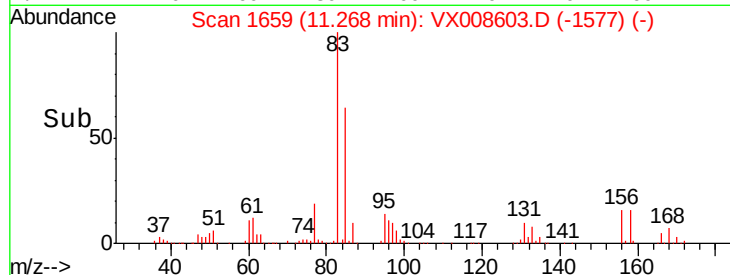
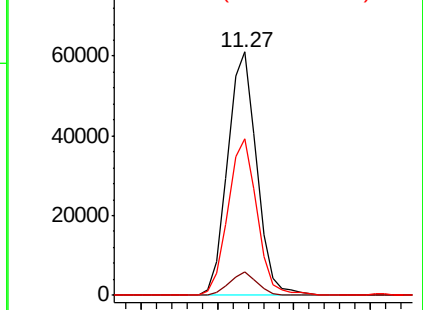
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.225 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	83	Resp	80485
Ion Ratio	100		
Lower	5.4		
Upper	16.2		
85	64.2	32.8	98.4

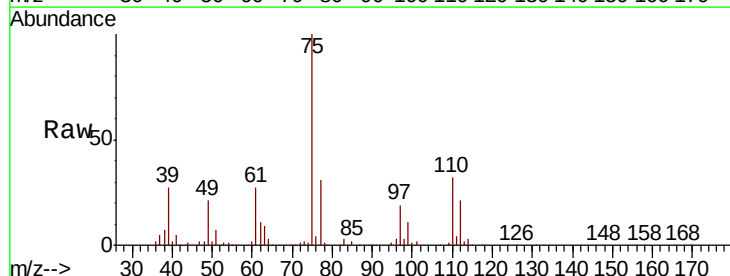


Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VX0

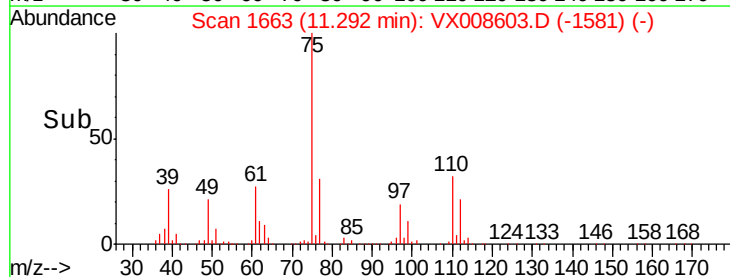
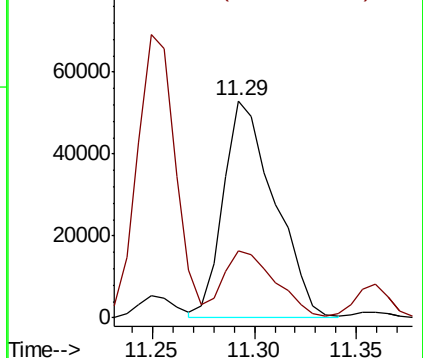


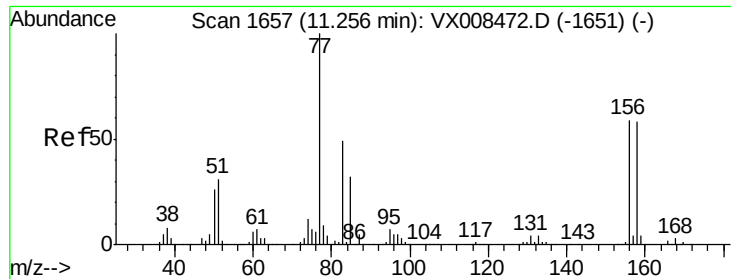
#72
 1,2,3-Trichloropropane
 Concen: 27.479 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion	75	Resp	92431
Ion Ratio	100		
Lower	0.0		
Upper	76.4		
77	31.4		



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.522 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

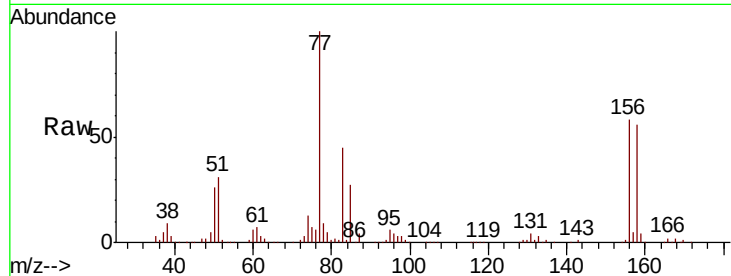
Tot Ion:156 Resp: 49475

Ion Ratio Lower Upper

156 100

77 181.3 0.0 271.4

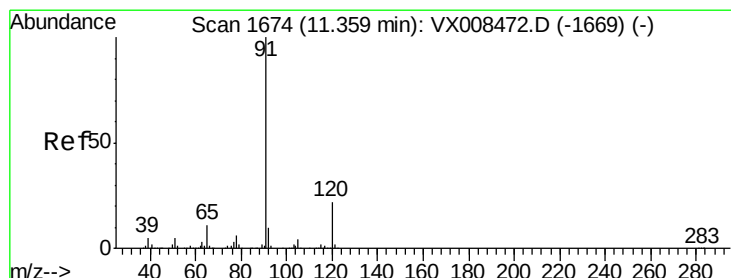
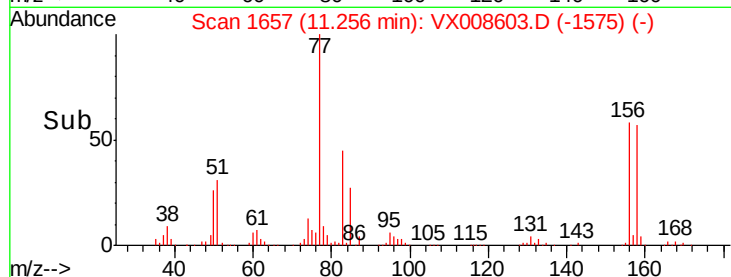
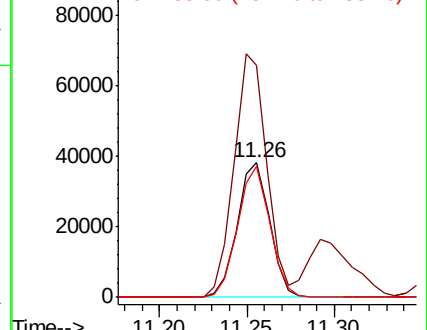
158 96.5 0.0 194.0



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: 18.938 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008603.D

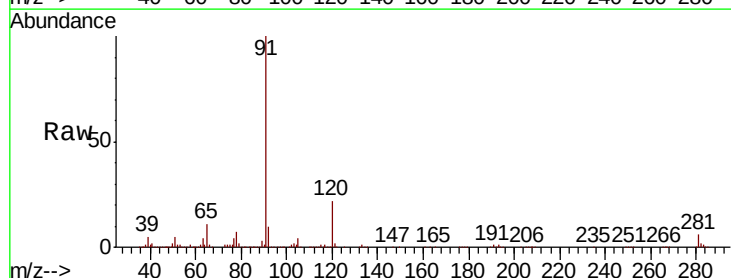
Acq: 02 Apr 2019 20:11

Tgt Ion: 91 Resp: 240333

Ion Ratio Lower Upper

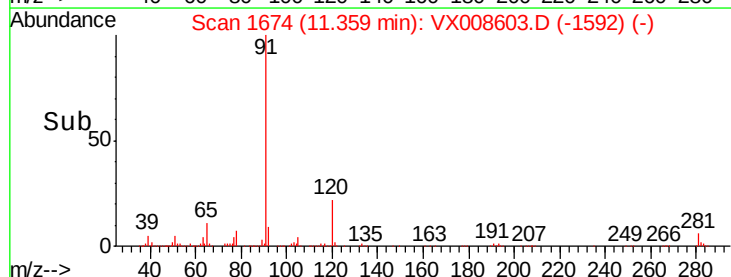
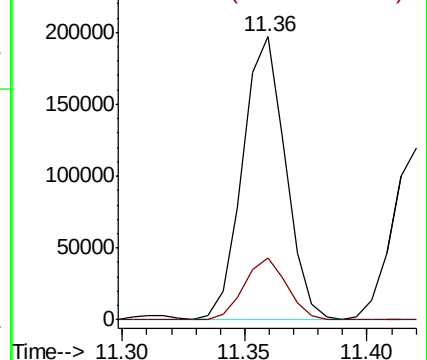
91 100

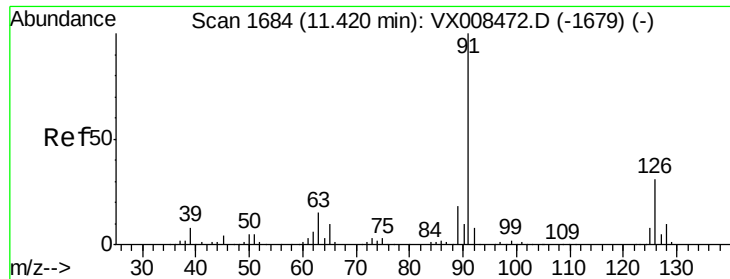
120 21.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.413 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

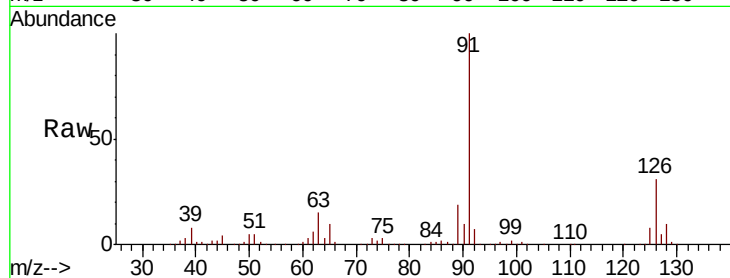
VSTDCCC020EC

Tot Ion: 91 Resp: 146564

Ion Ratio Lower Upper

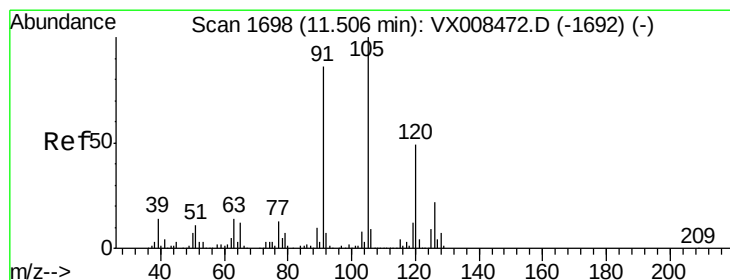
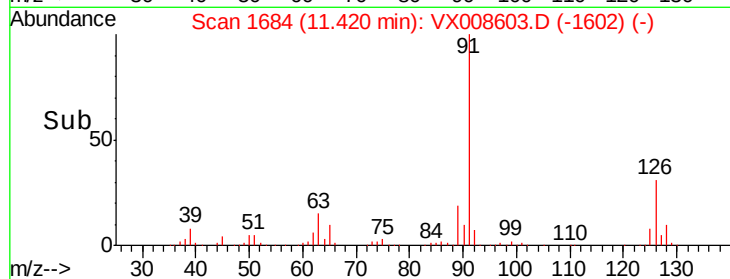
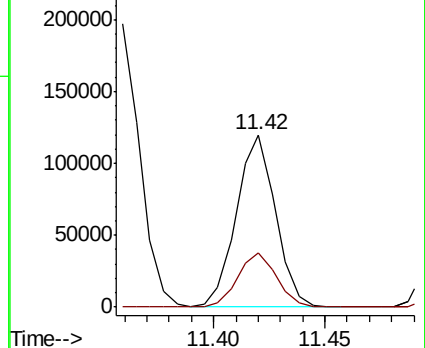
91 100

126 31.5 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.087 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008603.D

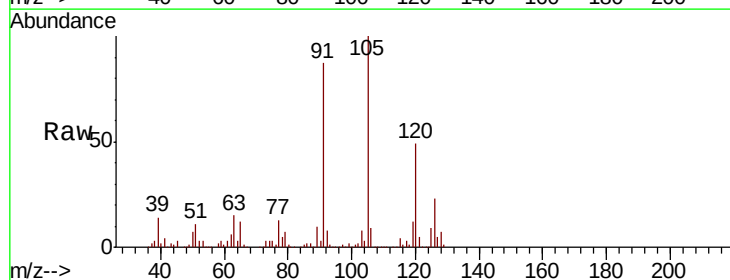
Acq: 02 Apr 2019 20:11

Tgt Ion:105 Resp: 173828

Ion Ratio Lower Upper

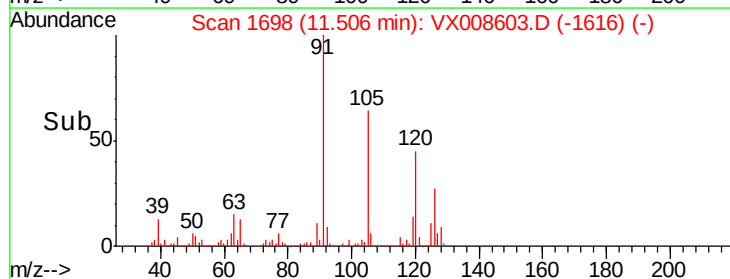
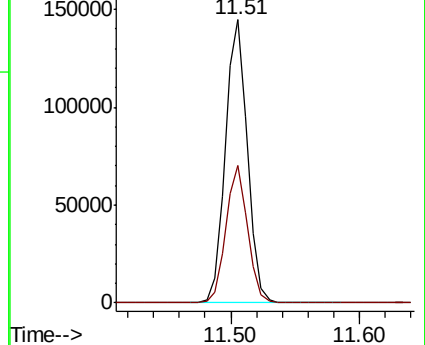
105 100

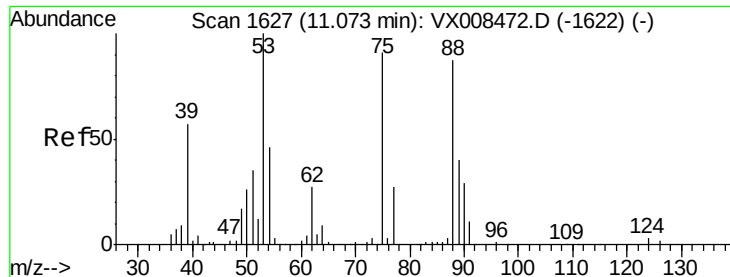
120 47.8 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

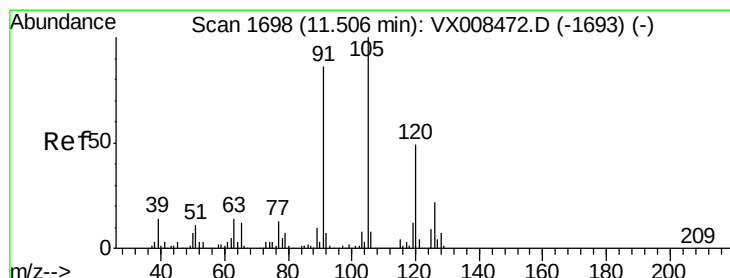
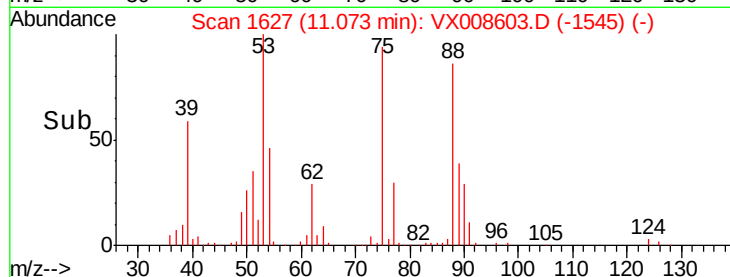
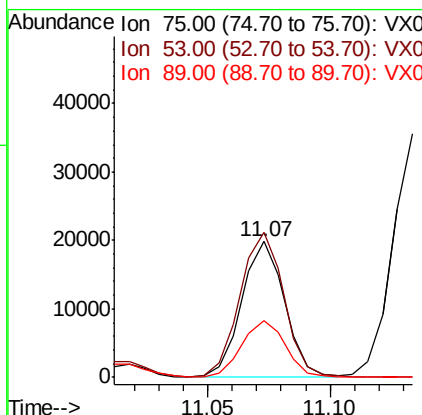
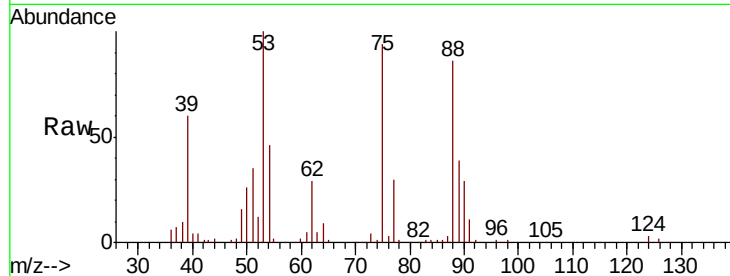




#77
 t-1,4-Dichloro-2-butene
 Concen: 18.829 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

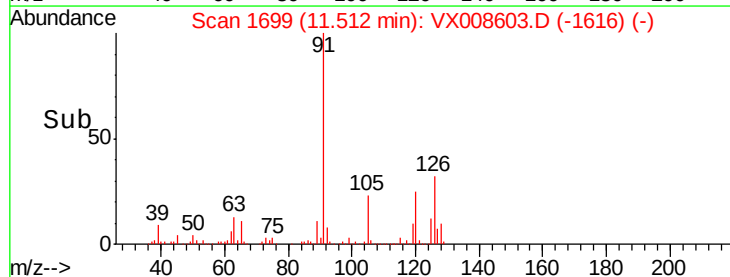
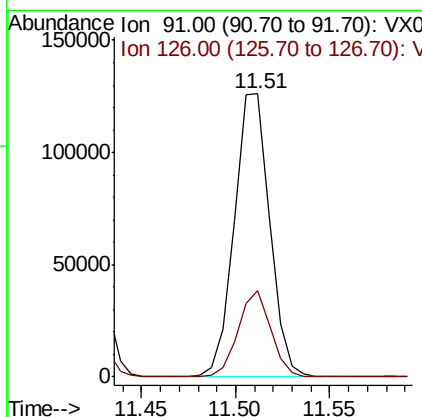
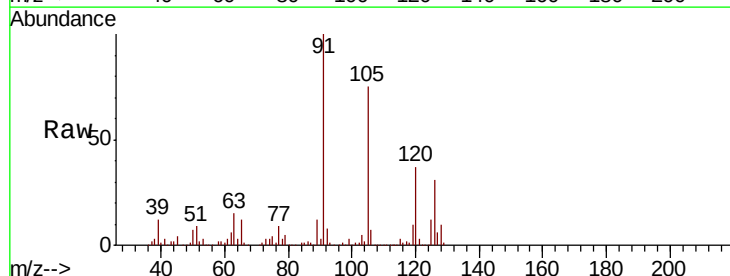
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

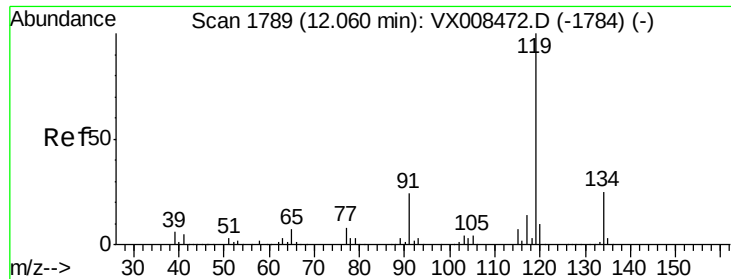
Tot Ion: 75 Resp: 24294
 Ion Ratio Lower Upper
 75 100
 53 106.7 55.5 166.7
 89 42.1 24.4 73.2



#78
 4-Chlorotoluene
 Concen: 18.886 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 91 Resp: 164101
 Ion Ratio Lower Upper
 91 100
 126 28.0 0.0 66.2





#79

tert-butylbenzene

Concen: 19.103 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

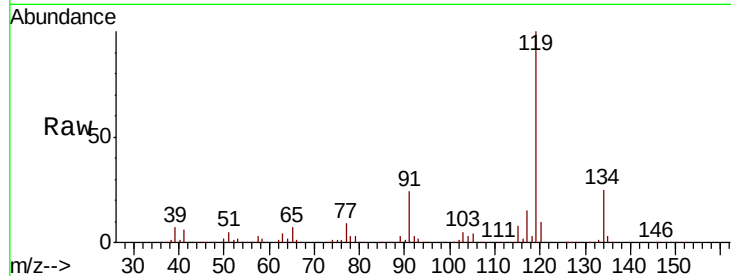
Tot Ion:119 Resp: 177792

Ion Ratio Lower Upper

119 100

91 24.2 0.0 45.0

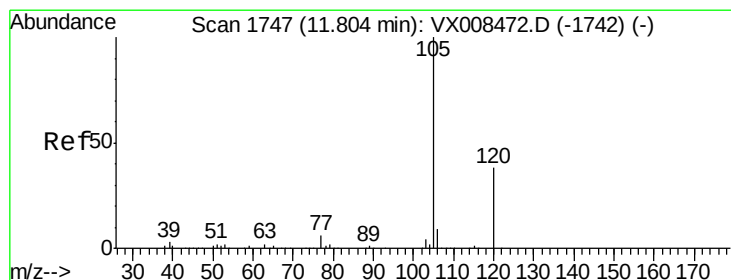
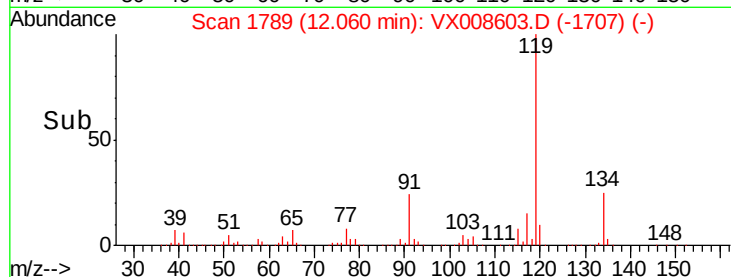
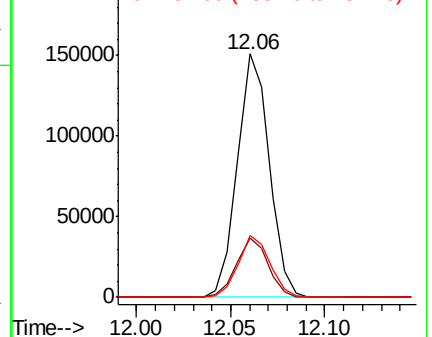
134 25.3 0.0 55.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.190 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008603.D

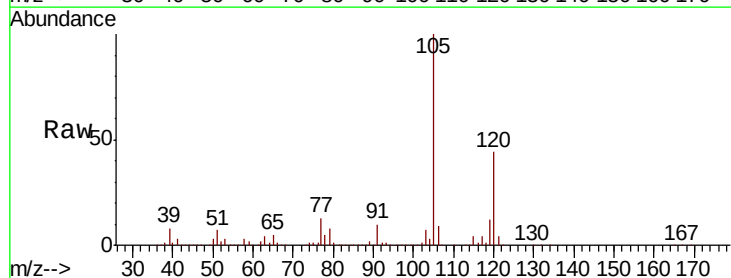
Acq: 02 Apr 2019 20:11

Tgt Ion:105 Resp: 174261

Ion Ratio Lower Upper

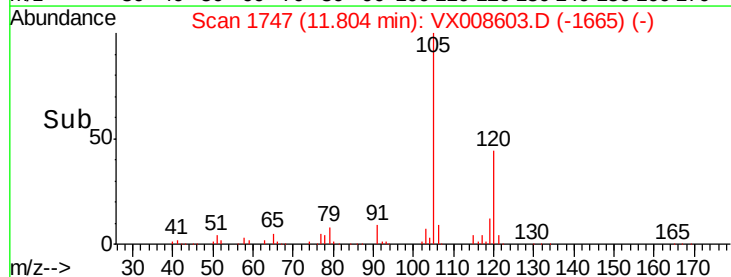
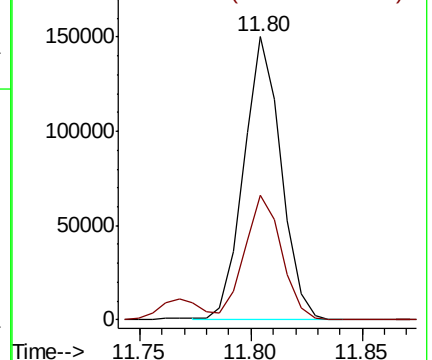
105 100

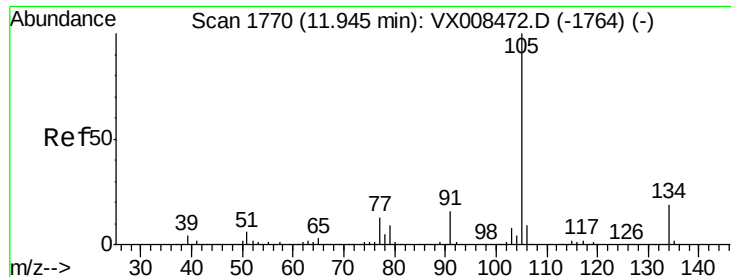
120 43.8 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

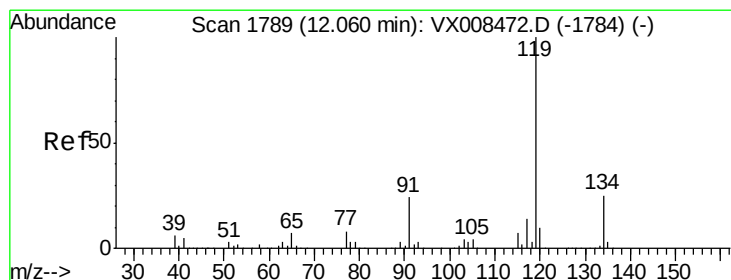
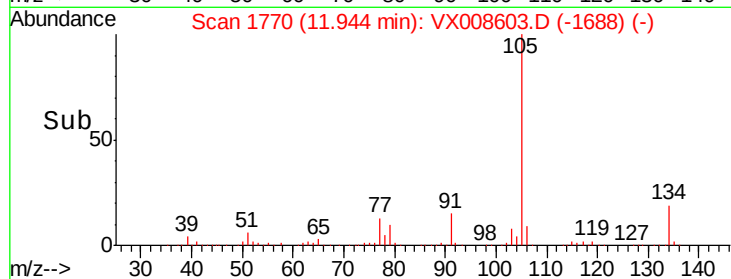
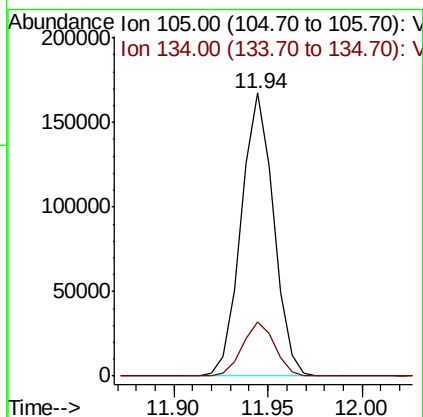
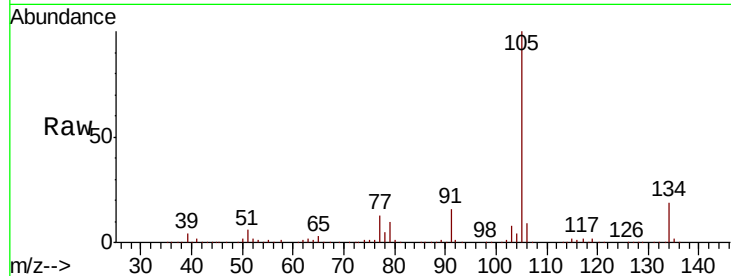




#81
 sec-Butylbenzene
 Concen: 19.200 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

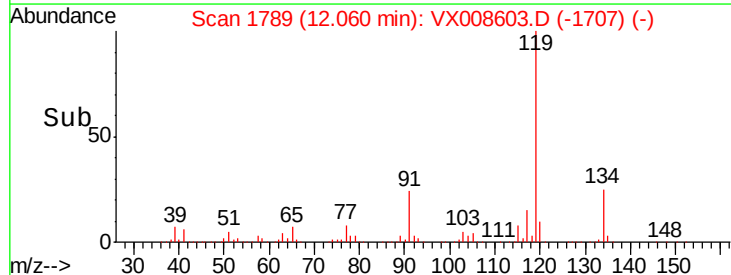
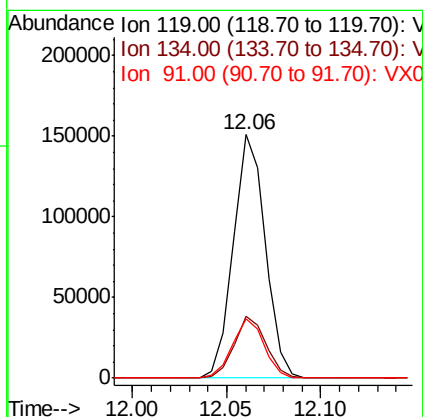
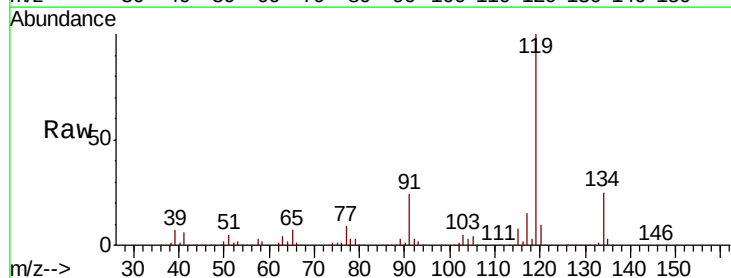
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

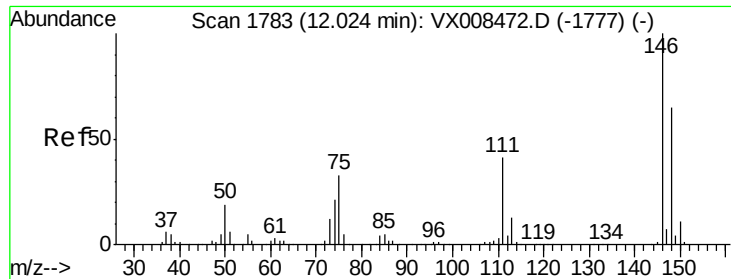
Tot Ion:105 Resp: 199785
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.103 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion:119 Resp: 177792
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 55.4
 91 24.2 0.0 45.0

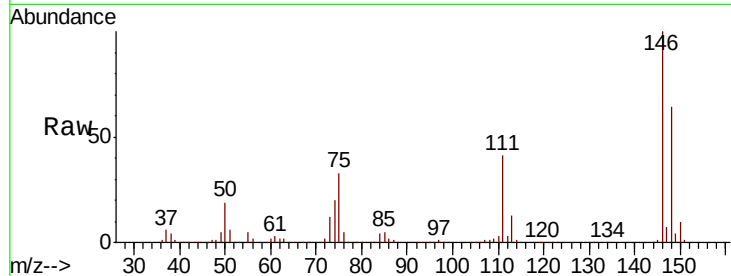




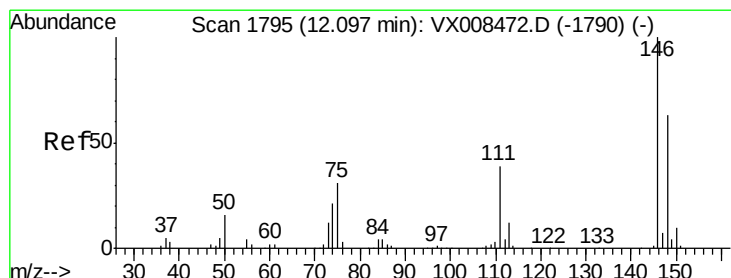
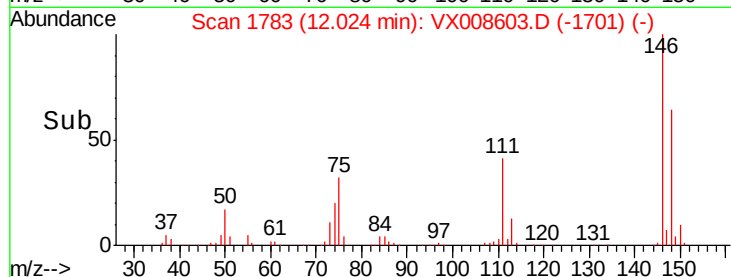
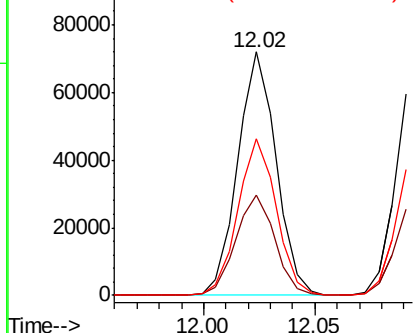
#83
 1,3-Dichlorobenzene
 Concen: 19.161 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:146 Resp: 86211
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.8 56.3
 148 64.7 30.6 91.8

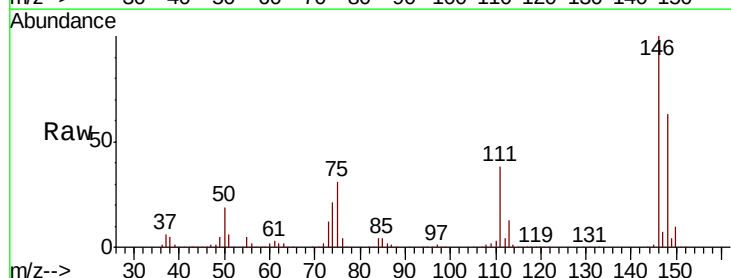


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

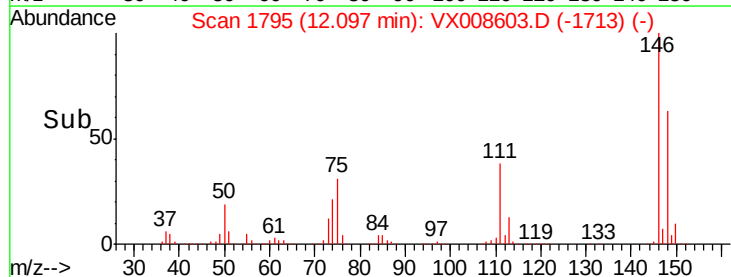
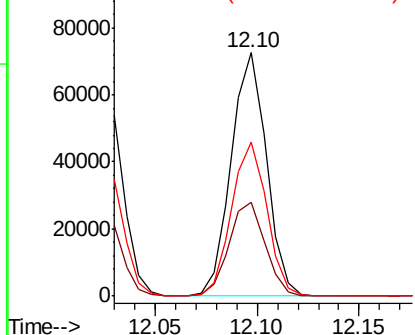


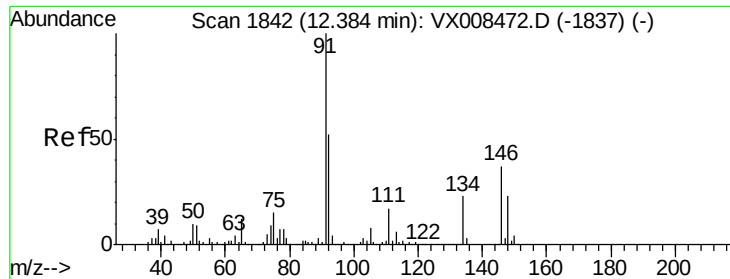
#84
 1,4-Dichlorobenzene
 Concen: 19.301 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion:146 Resp: 86780
 Ion Ratio Lower Upper
 146 100
 111 39.7 17.6 52.8
 148 64.0 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

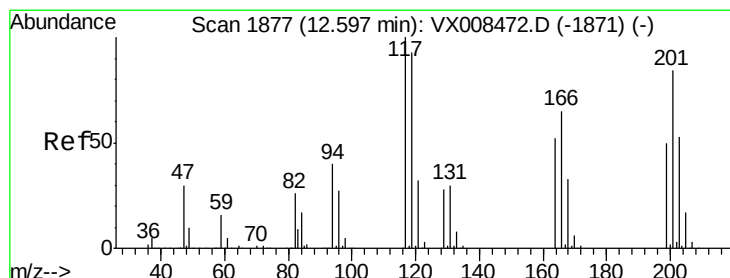
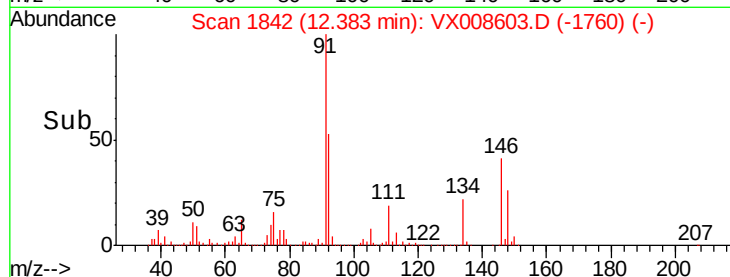
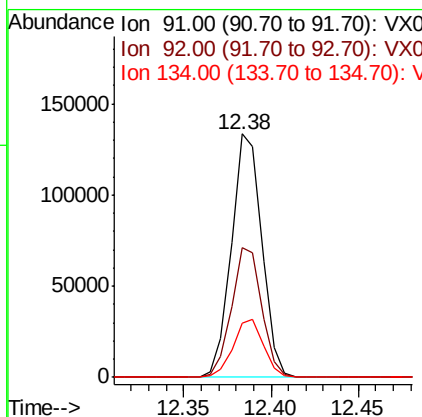
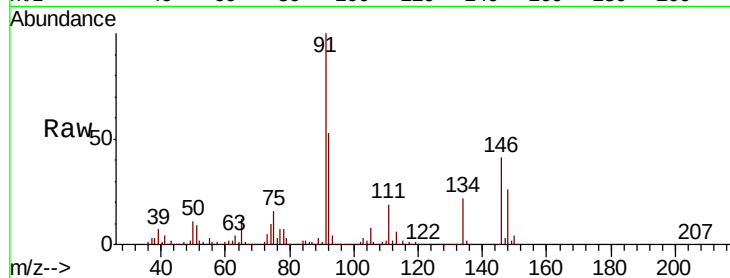




#85
n-Butylbenzene
Concen: 18.253 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

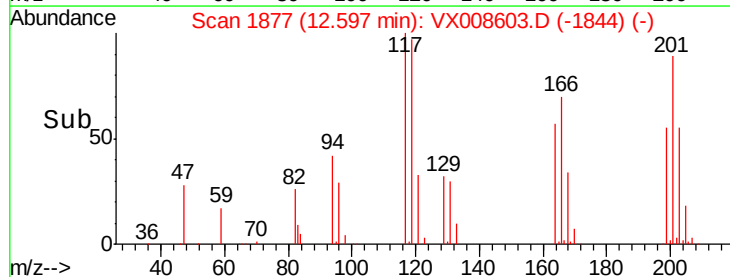
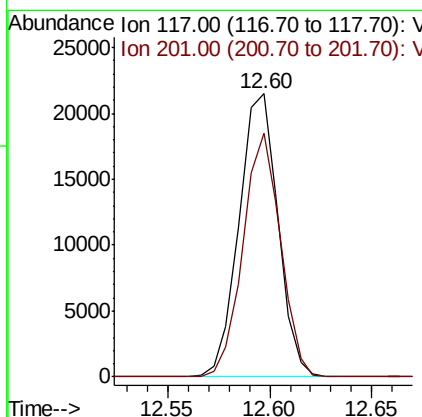
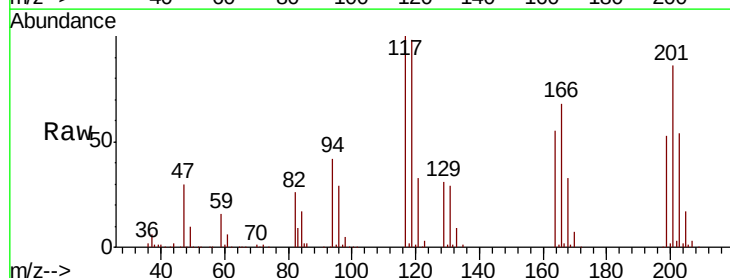
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

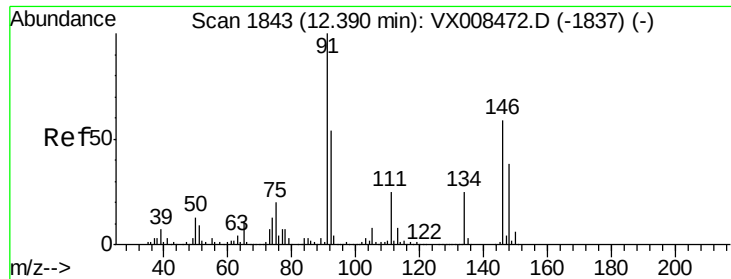
Tot Ion: 91 Resp: 161409
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.2
134 23.7 0.0 56.4



#86
Hexachloroethane
Concen: 18.335 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 117 Resp: 28511
Ion Ratio Lower Upper
117 100
201 82.6 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 19.604 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

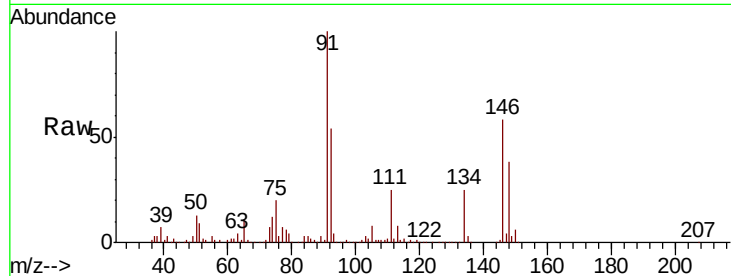
Tot Ion:146 Resp: 88873

Ion Ratio Lower Upper

146 100

111 43.3 19.3 57.8

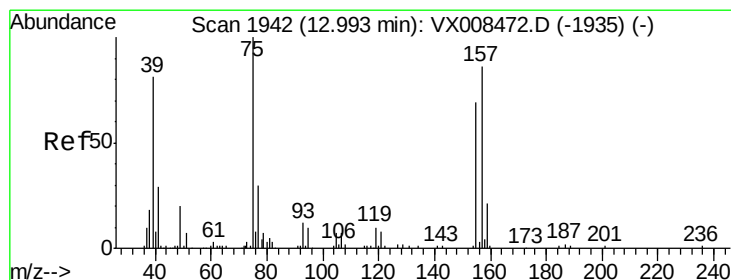
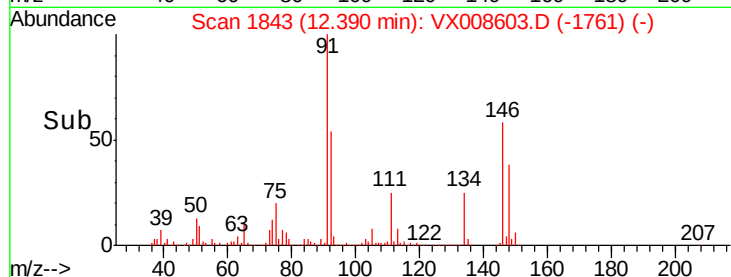
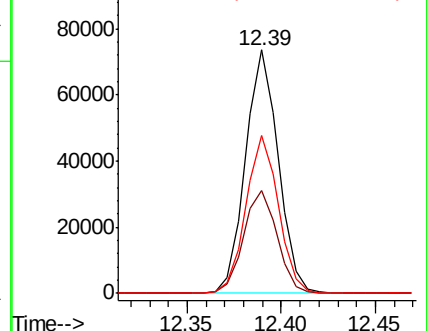
148 64.3 32.1 96.3



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: 20.454 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.01 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

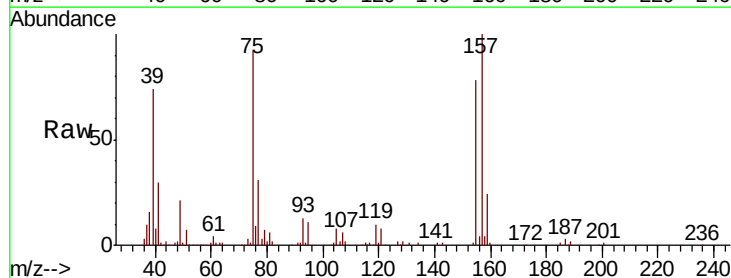
Tgt Ion: 75 Resp: 18041

Ion Ratio Lower Upper

75 100

155 79.5 81.0 121.6#

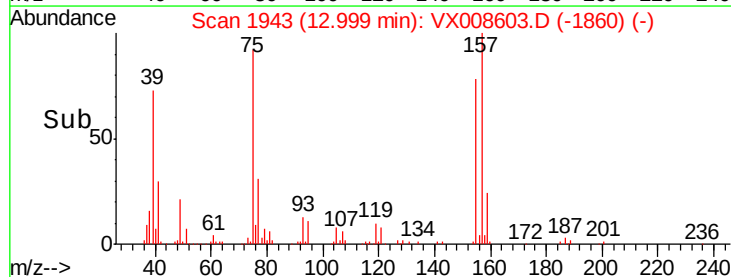
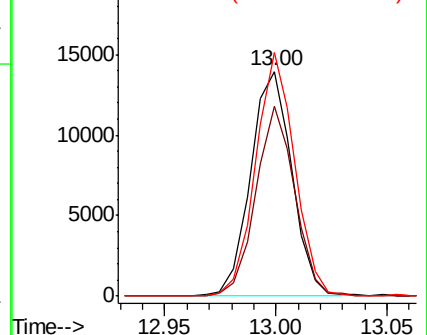
157 102.0 103.2 154.8#

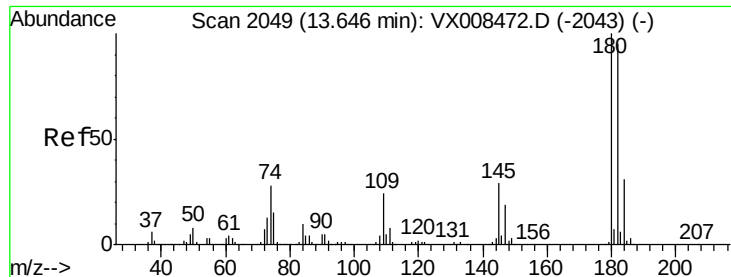


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

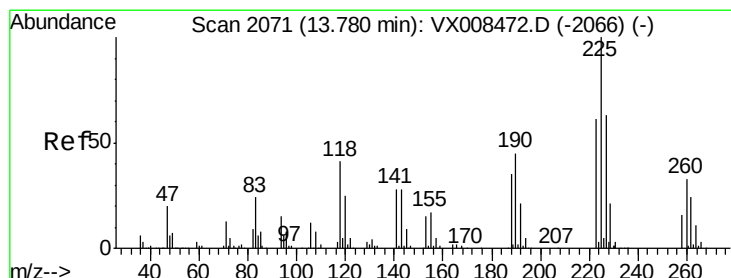
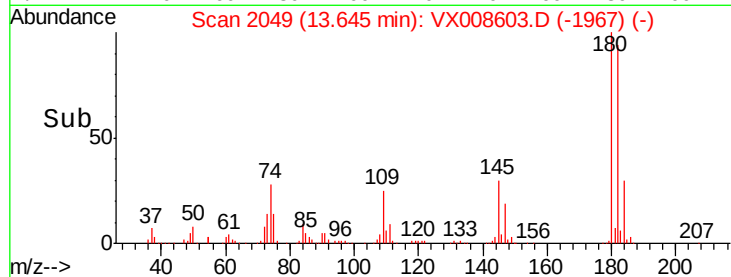
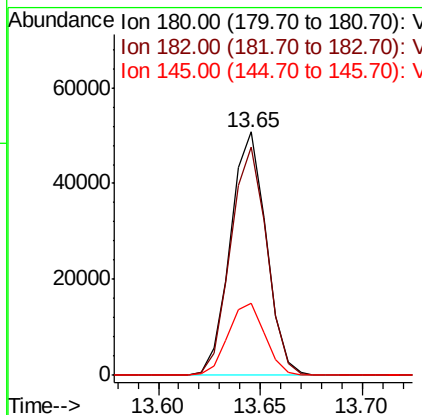
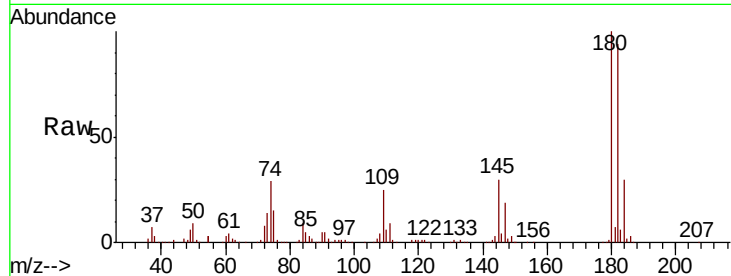




#89
 1,2,4-Trichlorobenzene
 Concen: 19.708 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

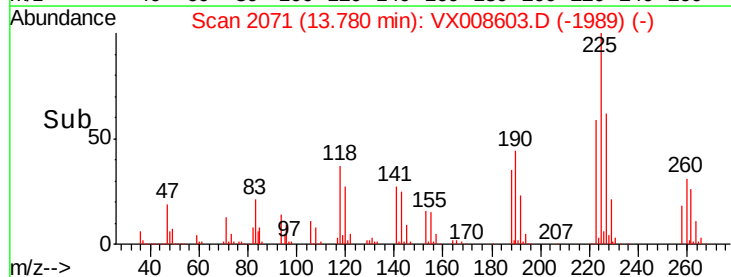
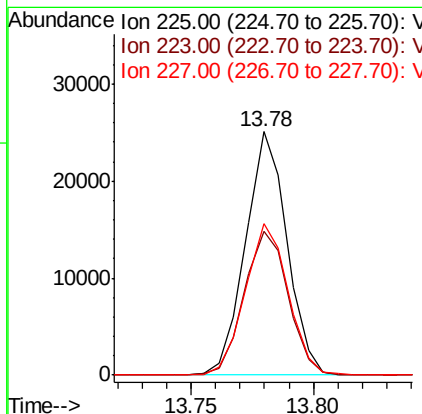
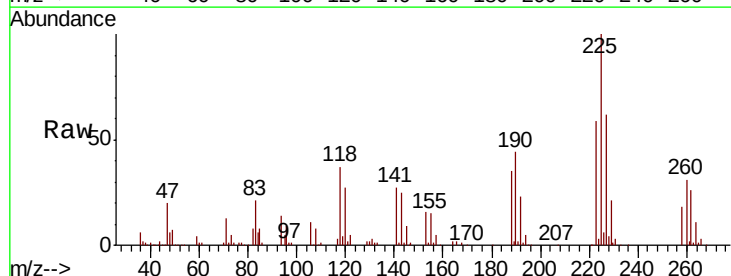
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

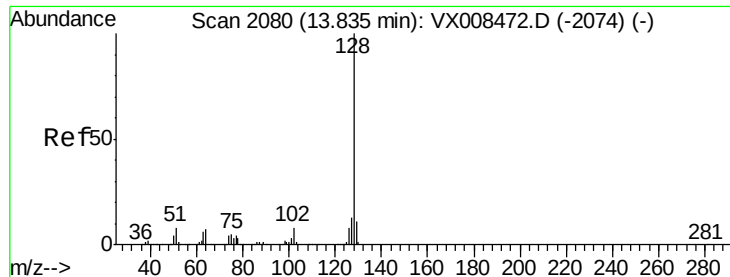
Tot Ion:180 Resp: 61632
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.6 113.4
 145 30.5 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 19.633 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion:225 Resp: 29578
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 123.8
 227 64.2 0.0 124.4

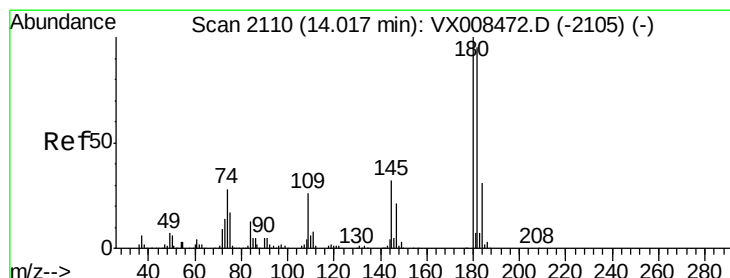
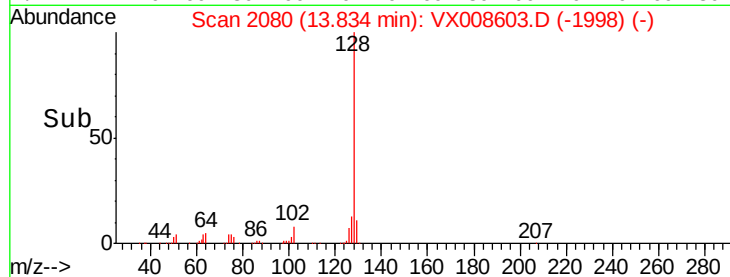
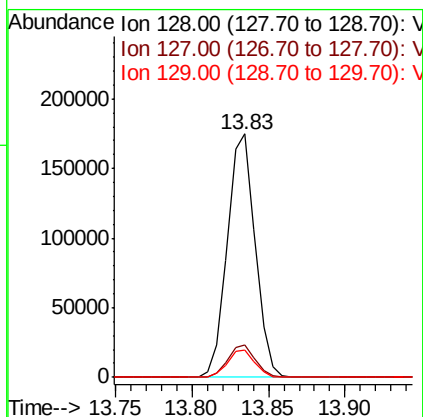
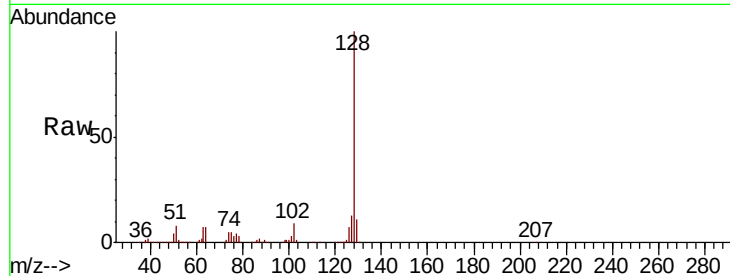




#91
Naphthalene
Concen: 20.539 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 220055
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.401 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion:180 Resp: 64266
Ion Ratio Lower Upper
180 100
182 95.1 0.0 193.0
145 32.3 0.0 63.0

