

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009414.D
 Acq On : 08 May 2019 21:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 09 06:34:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	160673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106063	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.50	113	80192	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	320192	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.13	95	116810	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71711	48.433	ug/l	99
3) Chloromethane	1.32	50	110055	54.444	ug/l	100
4) Vinyl Chloride	1.41	62	104580	53.055	ug/l	96
5) Bromomethane	1.64	94	52828	44.652	ug/l	98
6) Chloroethane	1.71	64	65665	51.886	ug/l	98
7) Trichlorofluoromethane	1.92	101	130166	54.325	ug/l	97
8) Diethyl Ether	2.18	74	60297	53.127	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77762	51.681	ug/l	98
10) Methyl Iodide	2.51	142	89500	51.085	ug/l	100
11) Tert butyl alcohol	3.06	59	132353	260.685	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81554	54.096	ug/l	98
13) Acrolein	2.29	56	98117	213.390	ug/l	100
14) Allyl chloride	2.73	41	186588	50.786	ug/l	100
15) Acrylonitrile	3.14	53	324783	261.627	ug/l	99
16) Acetone	2.45	43	276111	234.438	ug/l	99
17) Carbon Disulfide	2.57	76	234839	55.483	ug/l	99
18) Methyl Acetate	2.78	43	140578	50.189	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	310265	52.998	ug/l	99
20) Methylene Chloride	2.85	84	108377	56.832	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	87658	53.614	ug/l	99
22) Diisopropyl ether	3.85	45	369027	52.230	ug/l	96
23) Vinyl Acetate	3.81	43	1675303	276.898	ug/l	99
24) 1,1-Dichloroethane	3.70	63	180617	51.820	ug/l	100
25) 2-Butanone	4.68	43	479212	261.836	ug/l	100
26) 2,2-Dichloropropane	4.58	77	111953	43.152	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	103312	52.939	ug/l	97
28) Bromochloromethane	5.02	49	68789	48.971	ug/l	100
29) Tetrahydrofuran	5.13	42	319656	271.418	ug/l	100
30) Chloroform	5.21	83	167019	52.982	ug/l	97
31) Cyclohexane	5.58	56	176717	54.496	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	138645	52.833	ug/l	100
36) 1,1-Dichloropropene	5.80	75	128404	53.375	ug/l	100
37) Ethyl Acetate	4.84	43	183485	54.741	ug/l	100
38) Carbon Tetrachloride	5.78	117	117337	53.683	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158507	53.650	ug/l	99
40) Benzene	6.14	78	398617	53.540	ug/l	98
41) Methacrylonitrile	5.04	41	102420	51.331	ug/l	99
42) 1,2-Dichloroethane	6.19	62	140503	52.608	ug/l	100
43) Isopropyl Acetate	6.45	43	291220	54.317	ug/l	100
44) Trichloroethene	7.21	130	95156	52.867	ug/l	98
45) 1,2-Dichloropropane	7.51	63	112112	53.179	ug/l	99
46) Dibromomethane	7.66	93	64091	52.351	ug/l	98
47) Bromodichloromethane	7.90	83	128642	52.678	ug/l	98
48) Methyl methacrylate	7.77	41	145846	54.830	ug/l	100
49) 1,4-Dioxane	7.74	88	51974	963.484	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	952377	271.767	ug/l	100
52) Toluene	8.79	92	245826	54.317	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	146891	53.277	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	162935	53.392	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97583	52.851	ug/l	98
56) Ethyl methacrylate	9.18	69	179258	54.388	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170991	52.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	445416	254.746	ug/l	99
59) 2-Hexanone	9.49	43	748035	271.785	ug/l	100
60) Dibromochloromethane	9.58	129	98180	54.443	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101216	54.306	ug/l	99
64) Tetrachloroethene	9.34	164	84828	52.253	ug/l	99
65) Chlorobenzene	10.14	112	251123	53.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	91209	53.140	ug/l	99
67) Ethyl Benzene	10.25	91	466632	53.556	ug/l	100
68) m/p-Xylenes	10.36	106	342599	107.600	ug/l	99
69) o-Xylene	10.69	106	168160	53.529	ug/l	99
70) Styrene	10.71	104	296787	54.355	ug/l	100
71) Bromoform	10.85	173	76082	54.546	ug/l #	99
73) Isopropylbenzene	11.02	105	447095	51.635	ug/l	100
74) N-amyl acetate	10.90	43	275908	54.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	167287	51.826	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	193799	70.165	ug/l	82
77) Bromobenzene	11.26	156	112453	52.324	ug/l	98
78) n-propylbenzene	11.36	91	515370	52.117	ug/l	100
79) 2-Chlorotoluene	11.42	91	307906	50.469	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378674	51.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53363	49.433	ug/l	99
82) 4-Chlorotoluene	11.51	91	353896	51.347	ug/l	100
83) tert-Butylbenzene	11.77	119	371450	52.373	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	379547	51.865	ug/l	100
85) sec-Butylbenzene	11.94	105	434116	51.628	ug/l	99
86) p-Isopropyltoluene	12.06	119	407566	53.916	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199006	51.943	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	200311	51.859	ug/l	100
89) n-Butylbenzene	12.38	91	357193	52.280	ug/l	100
90) Hexachloroethane	12.60	117	66657	51.759	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202431	51.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39071	53.958	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

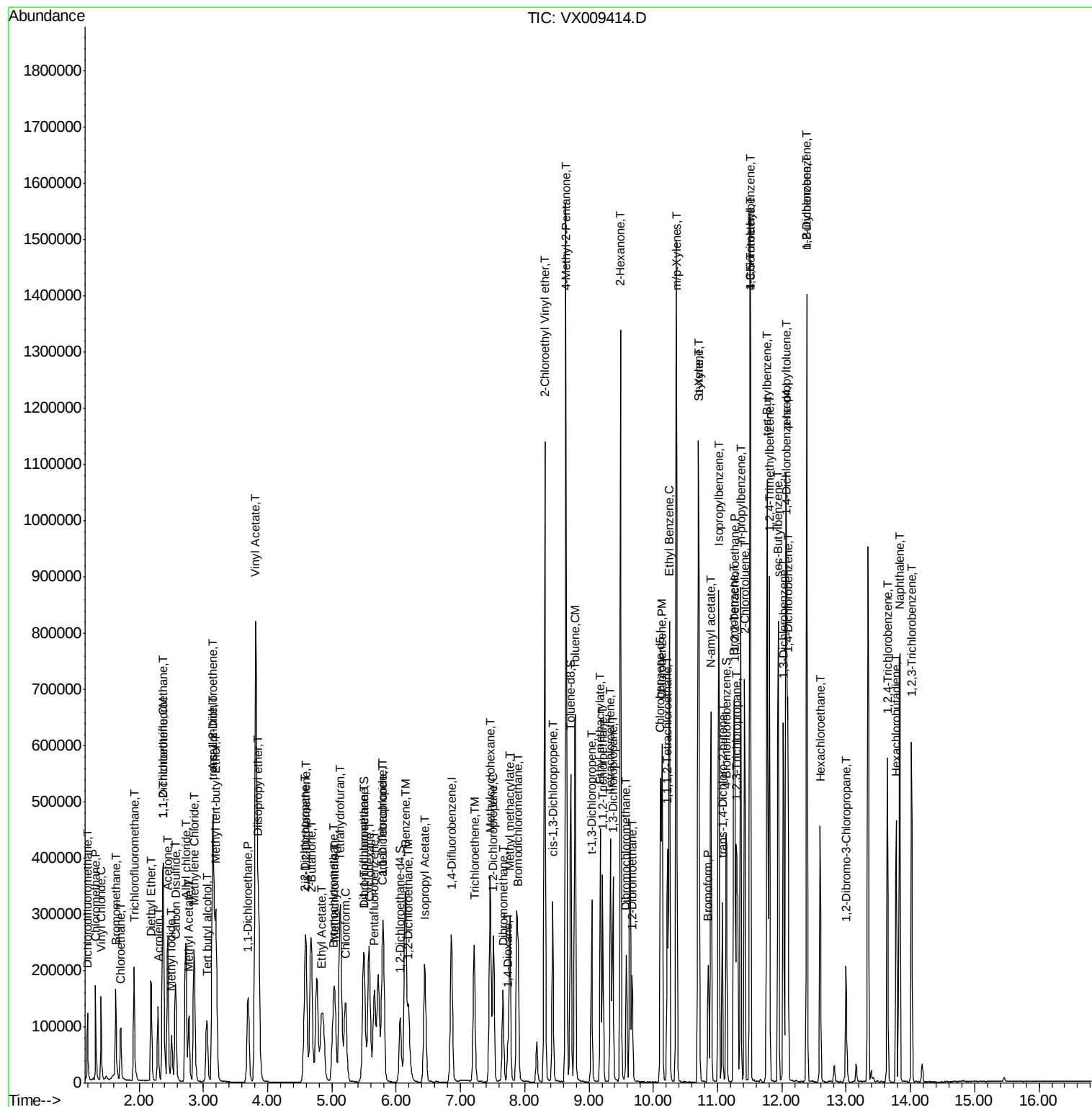
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144289	54.071	ug/l	98
94) Hexachlorobutadiene	13.78	225	71098	52.174	ug/l	99
95) Naphthalene	13.83	128	474229	54.623	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145831	53.912	ug/l	99

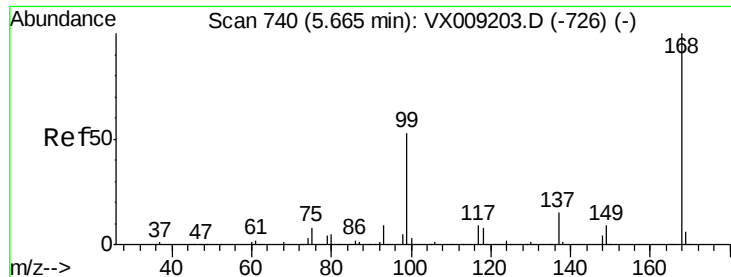
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

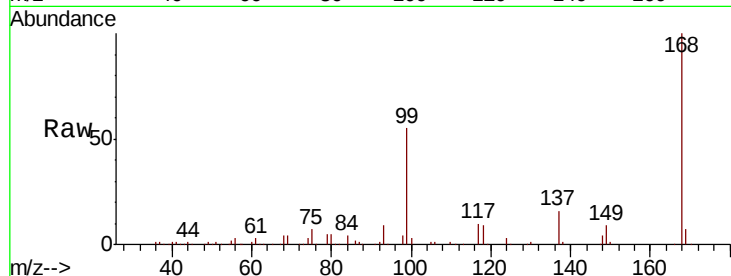
VSTDCCC050EC

Tot Ion:168 Resp: 160673

Ion Ratio Lower Upper

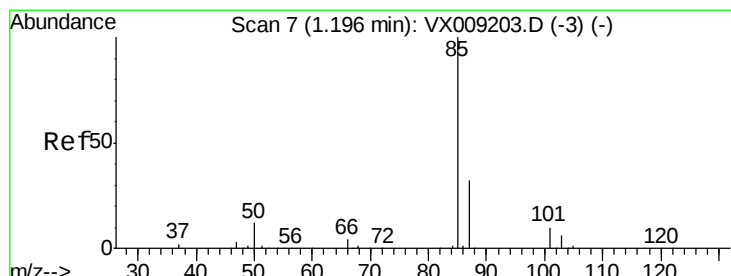
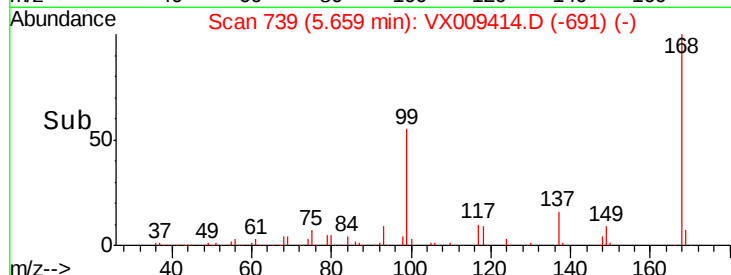
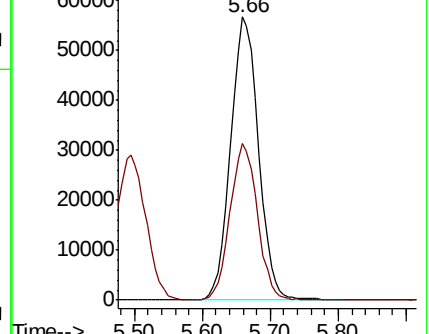
168 100

99 55.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.433 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009414.D

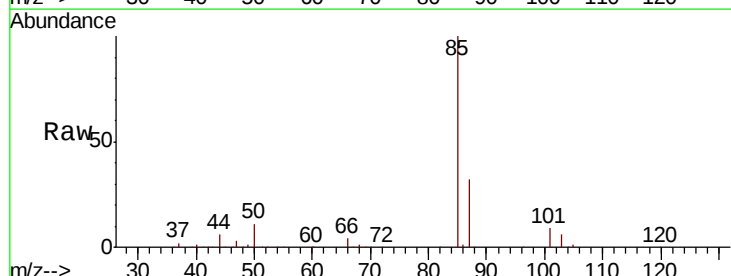
Acq: 08 May 2019 21:25

Tgt Ion: 85 Resp: 71711

Ion Ratio Lower Upper

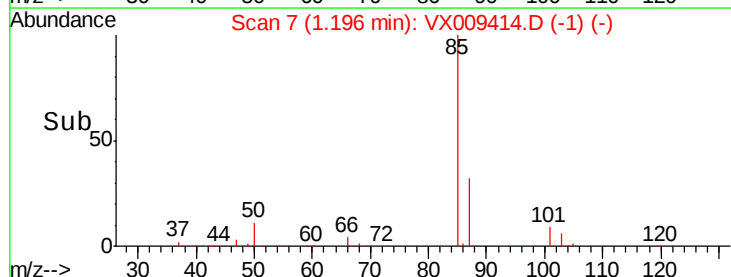
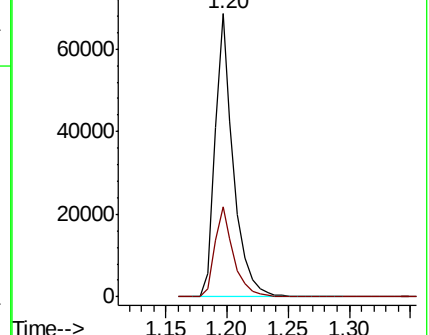
85 100

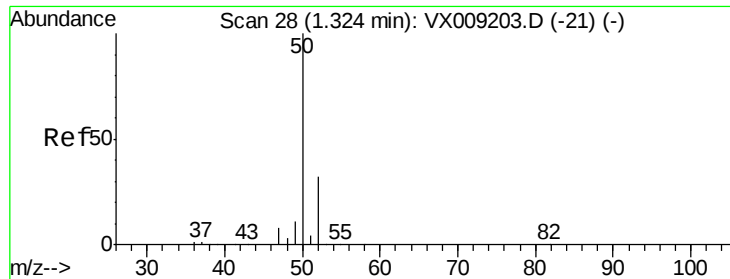
87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.444 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

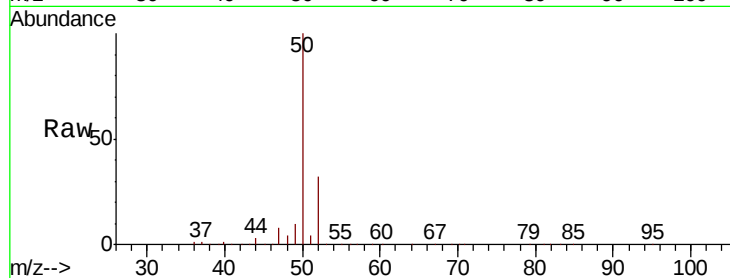
VSTDCCC050EC

Tot Ion: 50 Resp: 110055

Ion Ratio Lower Upper

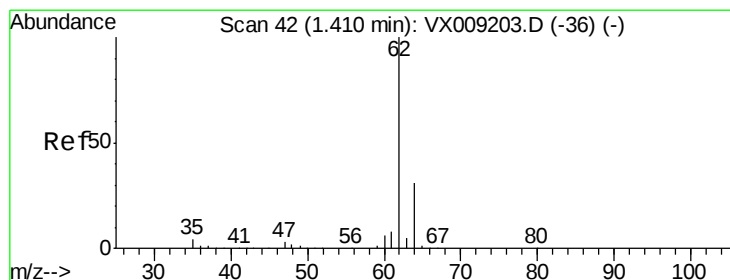
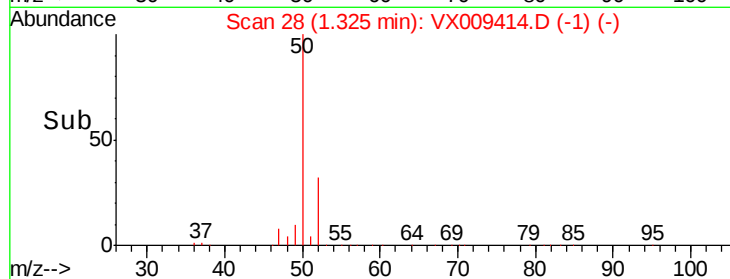
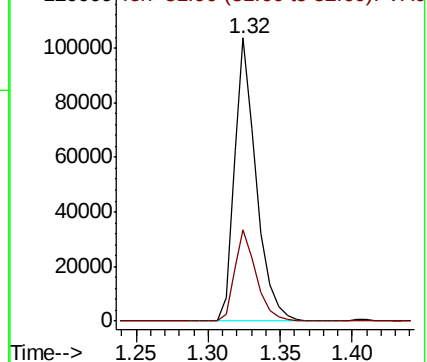
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.055 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009414.D

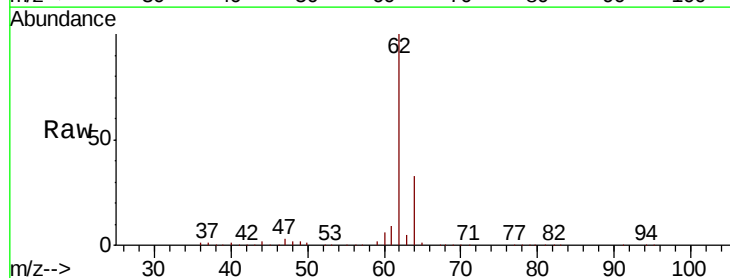
Acq: 08 May 2019 21:25

Tgt Ion: 62 Resp: 104580

Ion Ratio Lower Upper

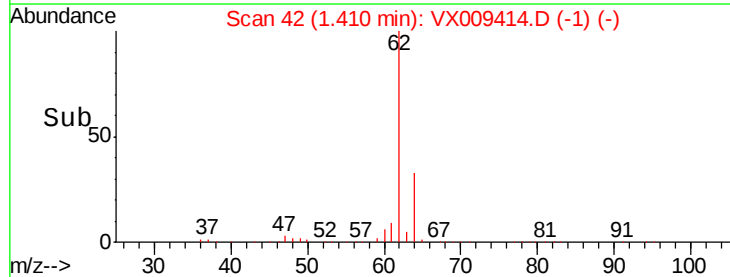
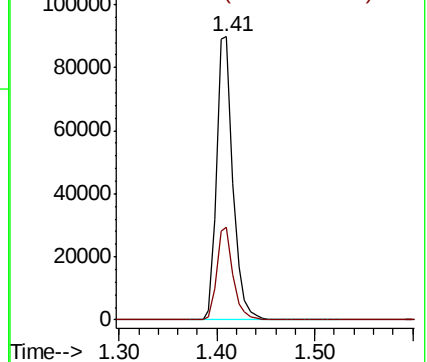
62 100

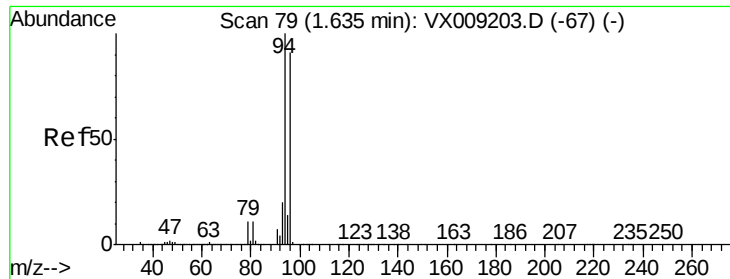
64 32.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.652 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

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ClientSampleId :

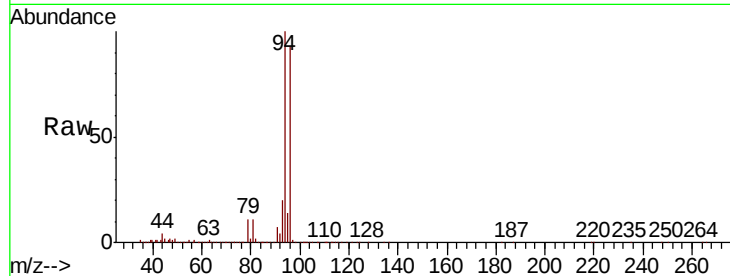
VSTDCCC050EC

Tot Ion: 94 Resp: 52828

Ion Ratio Lower Upper

94 100

96 93.3 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

60000

50000

40000

30000

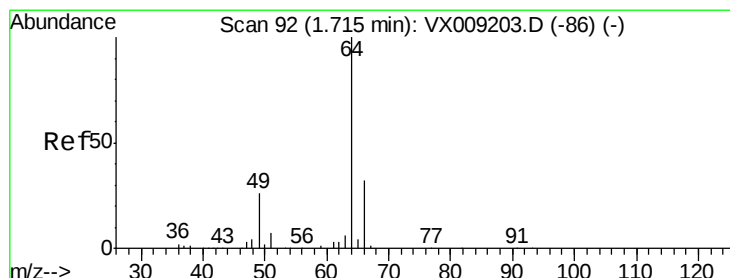
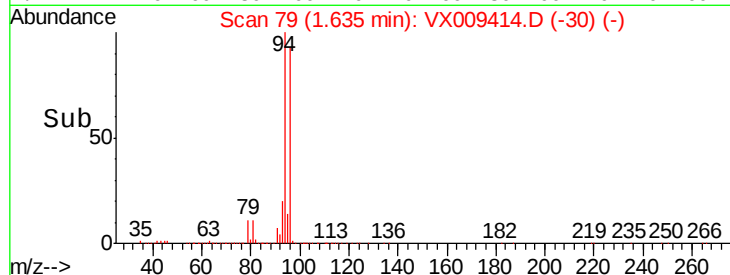
20000

10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 51.886 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009414.D

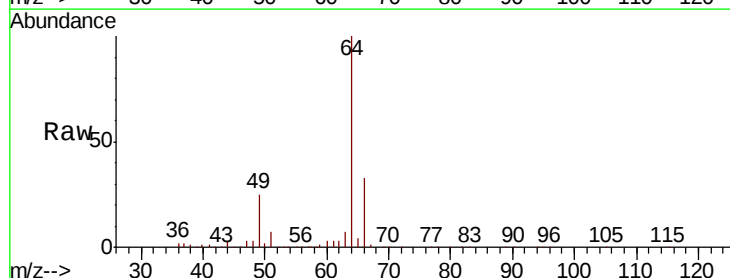
Acq: 08 May 2019 21:25

Tgt Ion: 64 Resp: 65665

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

50000

40000

30000

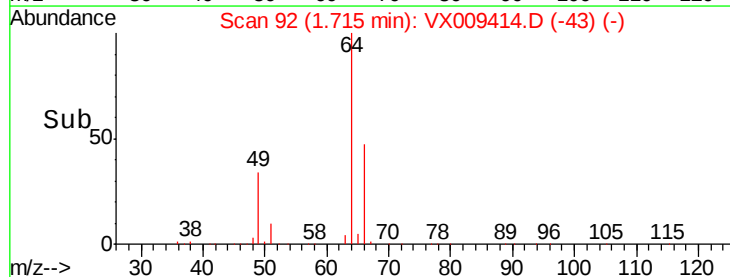
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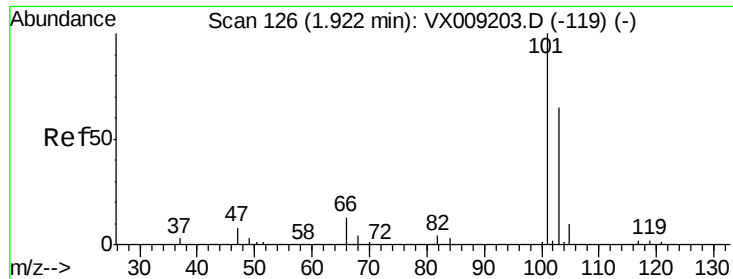
10000

0

1.65 1.70 1.75 1.80 1.85

Time-->



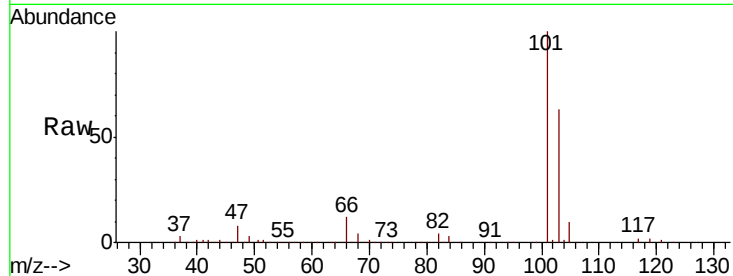


#7

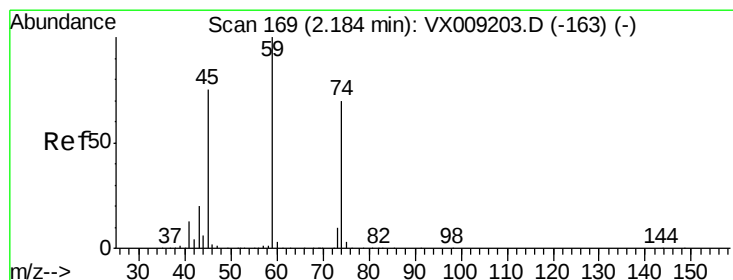
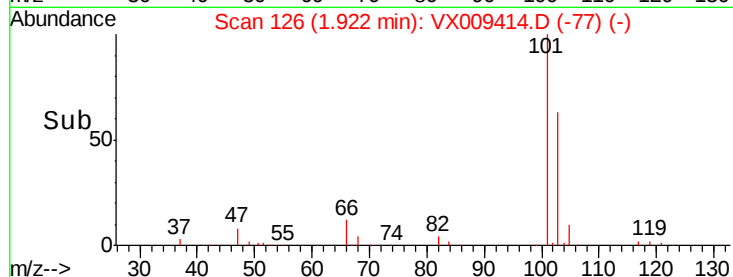
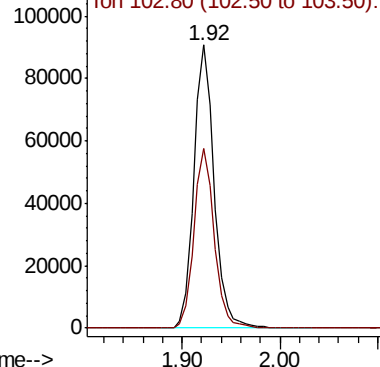
Trichlorofluoromethane
 Concen: 54.325 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

Instrument :
 MSVOA_X
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Tot Ion:101 Resp: 130166
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.4 78.6



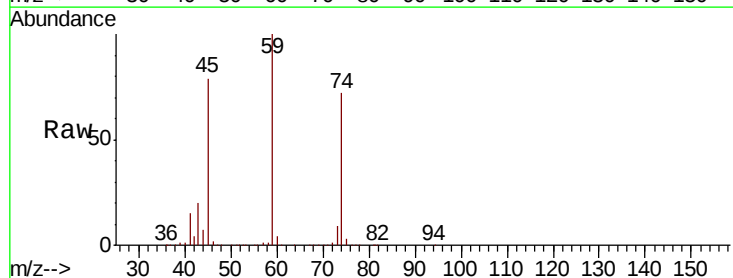
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



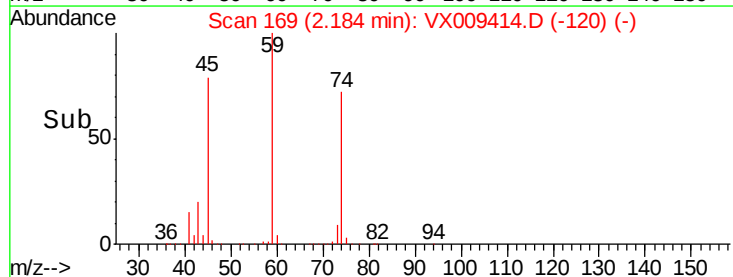
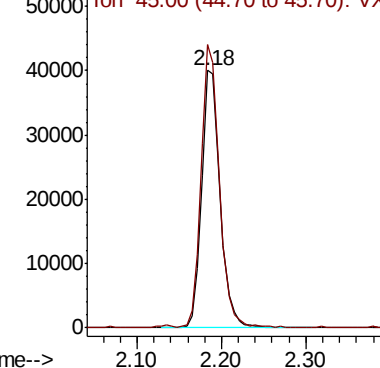
#8

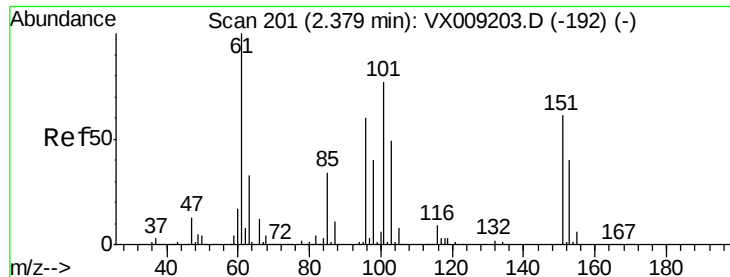
Diethyl Ether
 Concen: 53.127 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009414.D
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Tgt Ion: 74 Resp: 60297
 Ion Ratio Lower Upper
 74 100
 45 107.8 53.3 159.9



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: 51.681 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

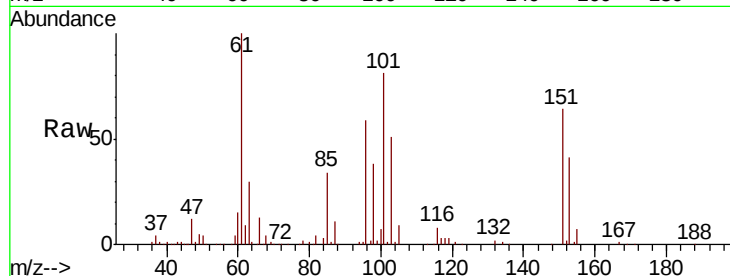
Tot Ion:101 Resp: 77762

Ion Ratio Lower Upper

101 100

85 43.7 35.7 53.5

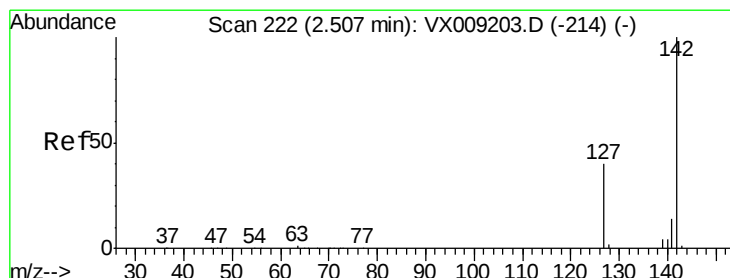
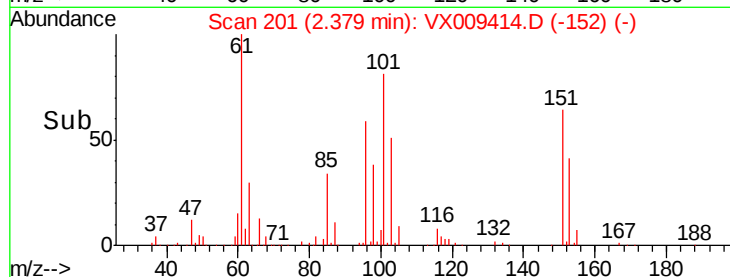
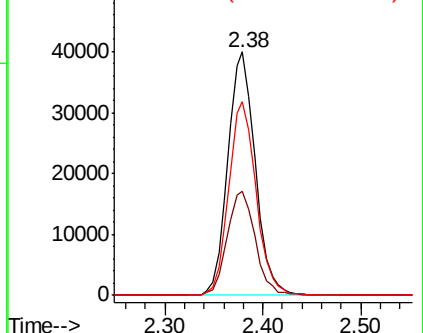
151 79.5 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.085 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

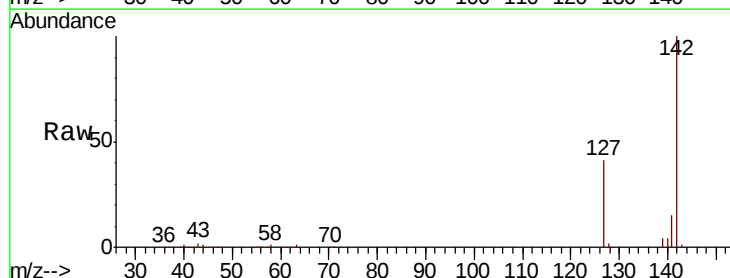
Tgt Ion:142 Resp: 89500

Ion Ratio Lower Upper

142 100

127 40.8 32.7 49.1

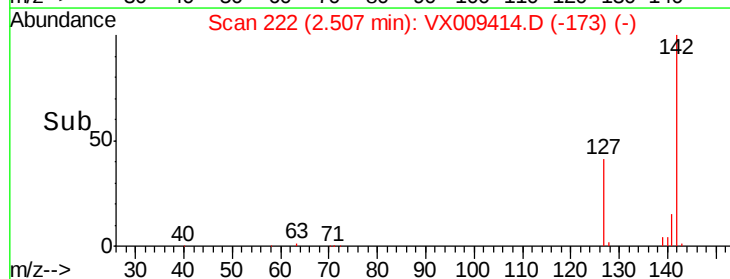
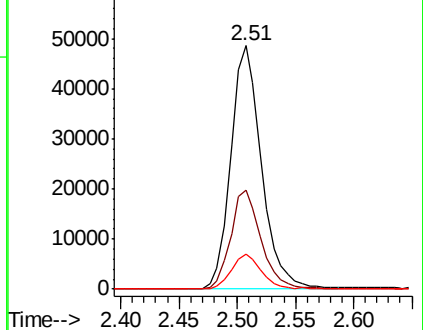
141 14.2 11.5 17.3

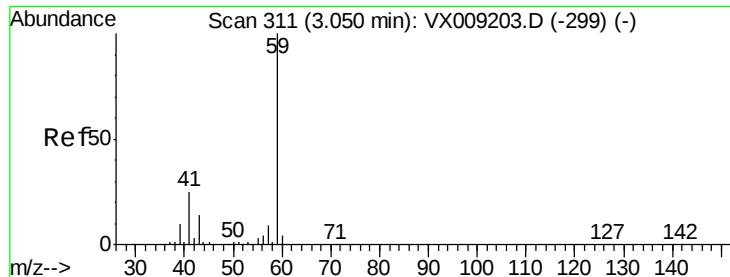


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

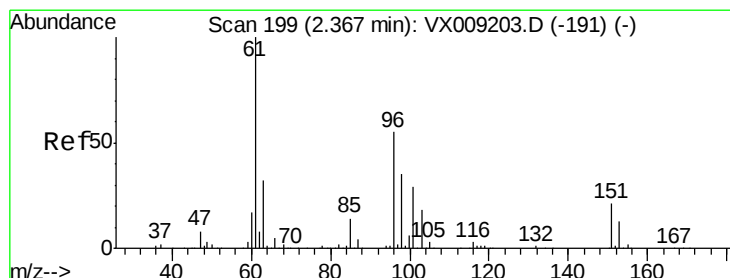
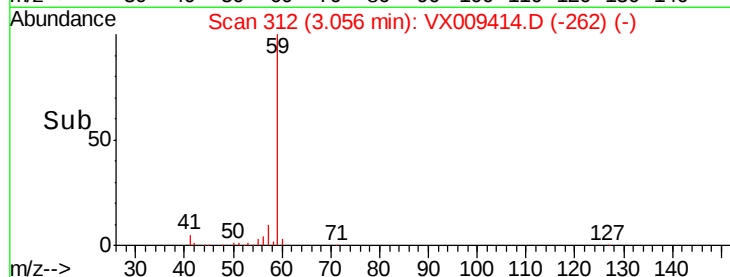
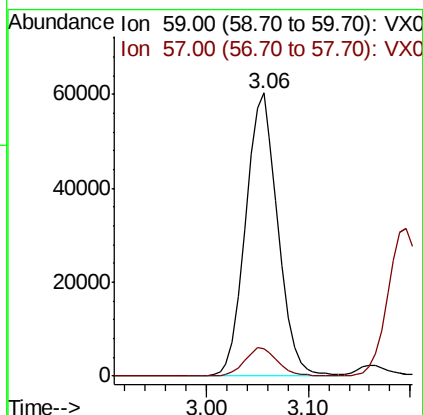
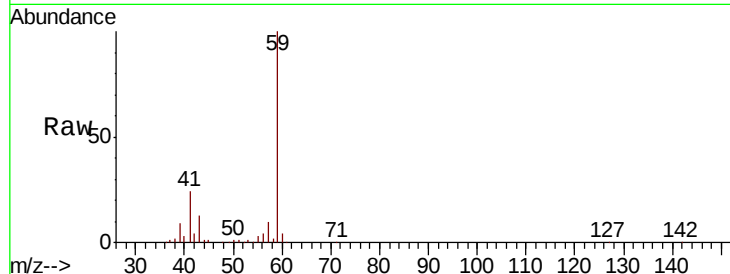




#11
Tert butyl alcohol
Concen: 260.685 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

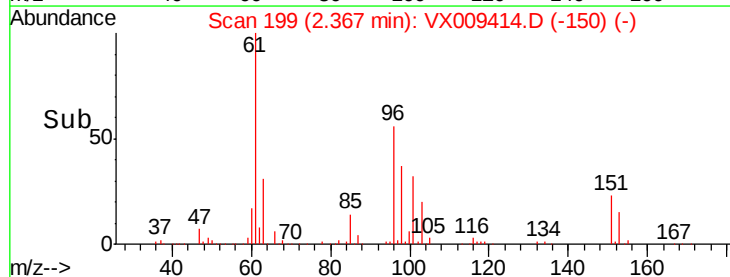
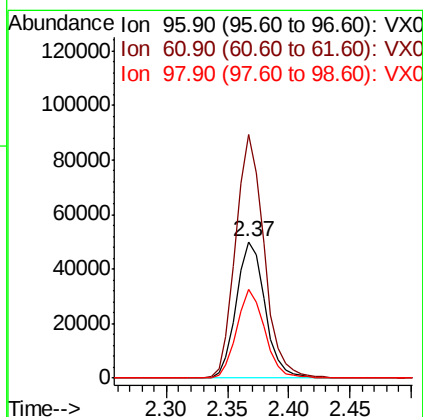
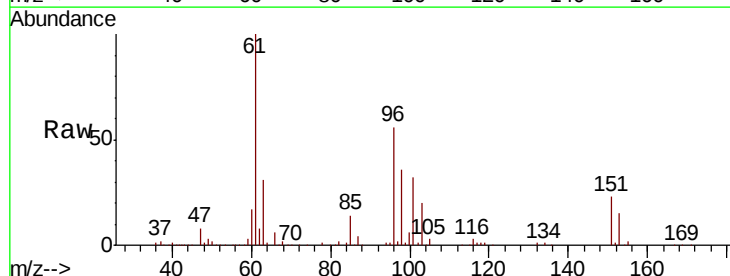
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

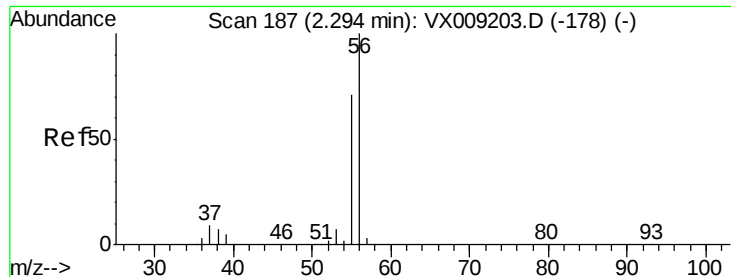
Tot Ion: 59 Resp: 132353
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 54.096 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 96 Resp: 81554
Ion Ratio Lower Upper
96 100
61 178.9 144.3 216.5
98 65.3 50.3 75.5





#13

Acrolein

Concen: 213.390 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

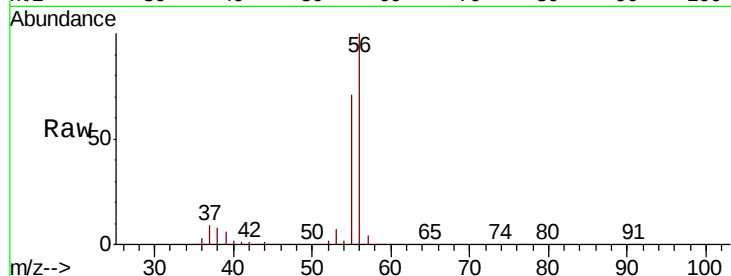
VSTDCCC050EC

Tot Ion: 56 Resp: 98117

Ion Ratio Lower Upper

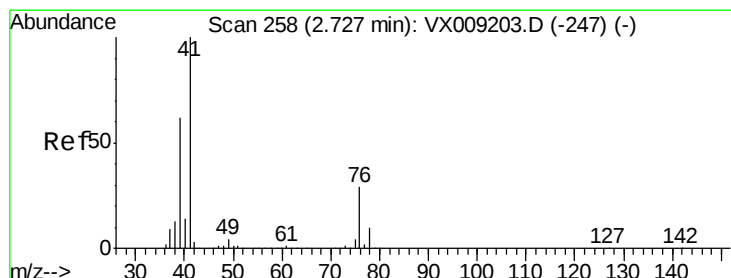
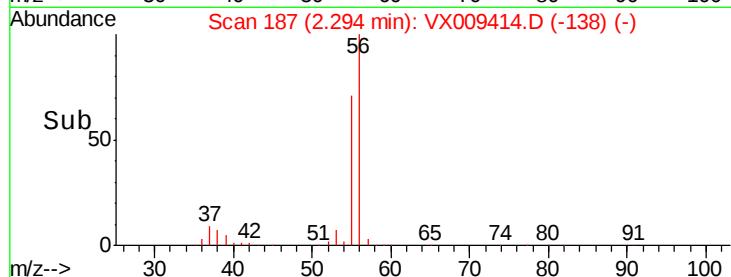
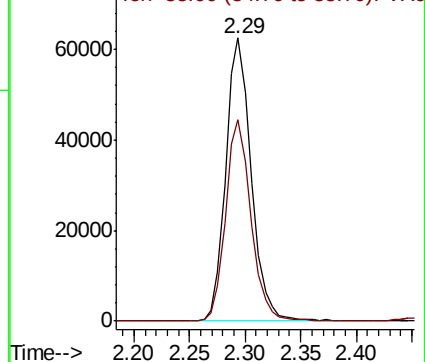
56 100

55 70.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.786 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

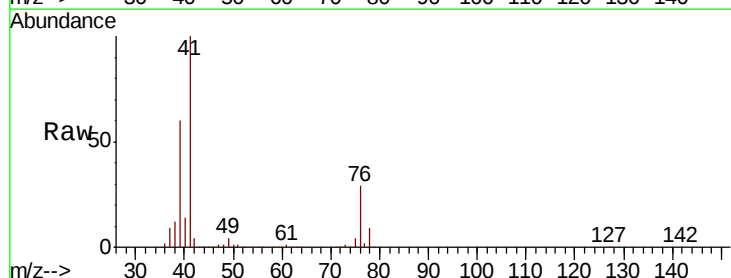
Tgt Ion: 41 Resp: 186588

Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

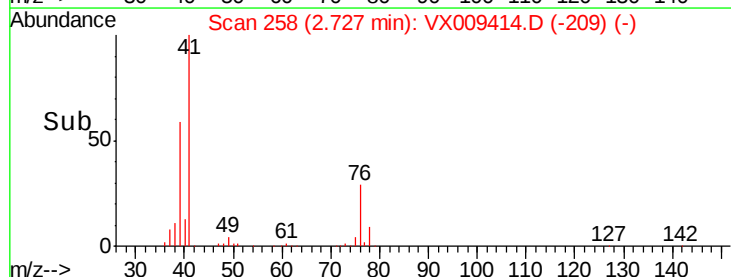
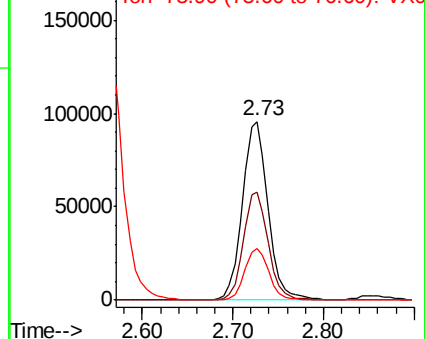
76 27.4 21.8 32.8

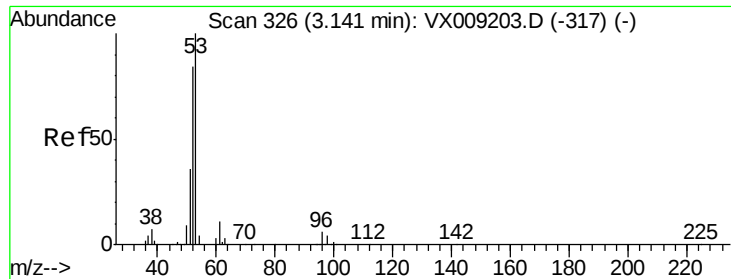


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 261.627 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

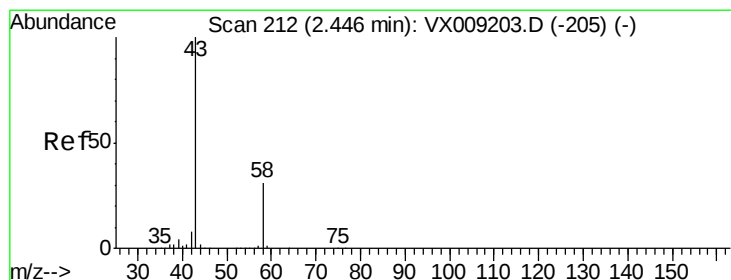
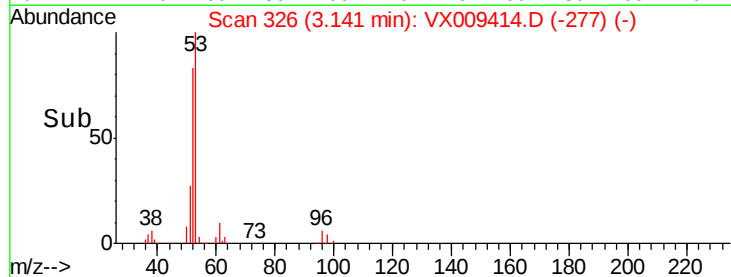
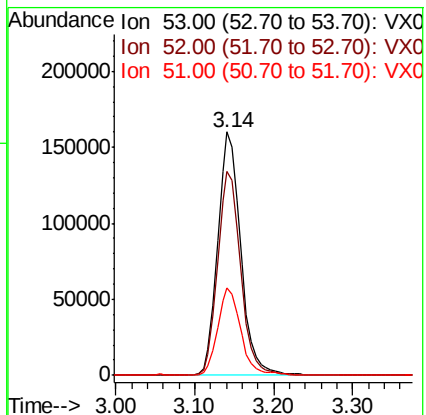
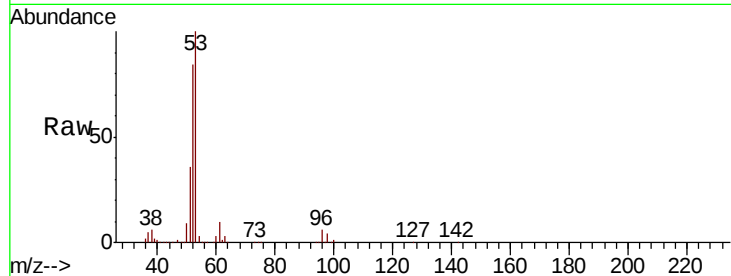
Tot Ion: 53 Resp: 324783

Ion Ratio Lower Upper

53 100

52 84.0 66.9 100.3

51 35.9 28.2 42.2



#16

Acetone

Concen: 234.438 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009414.D

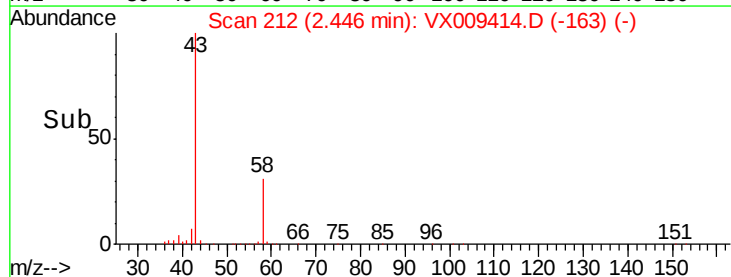
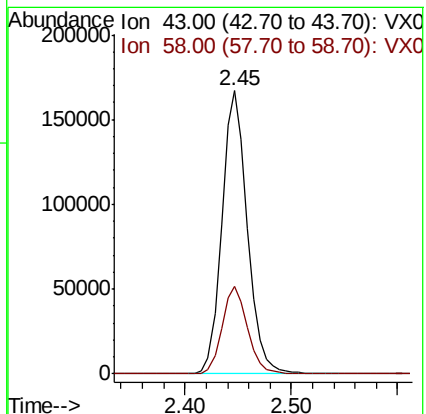
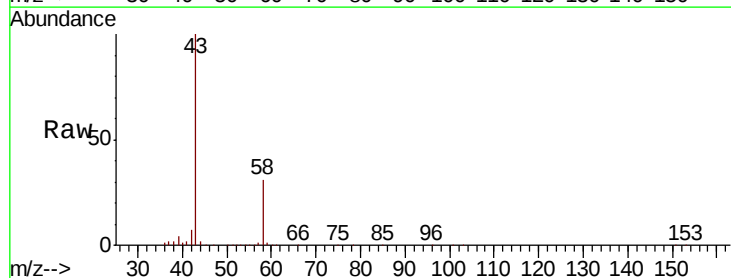
Acq: 08 May 2019 21:25

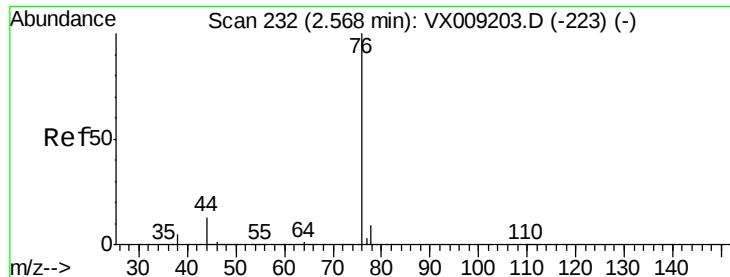
Tgt Ion: 43 Resp: 276111

Ion Ratio Lower Upper

43 100

58 30.7 24.9 37.3

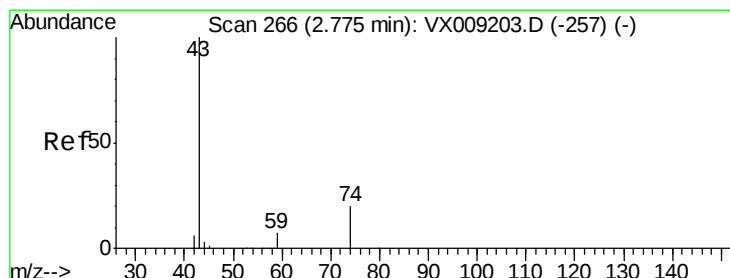
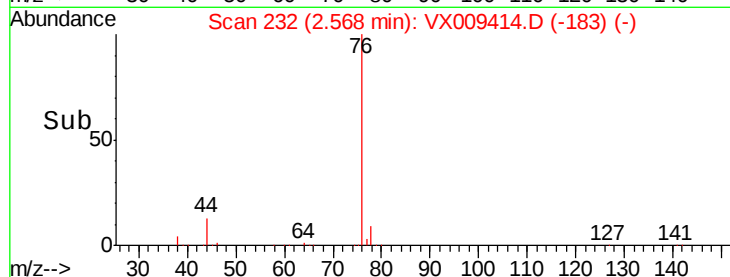
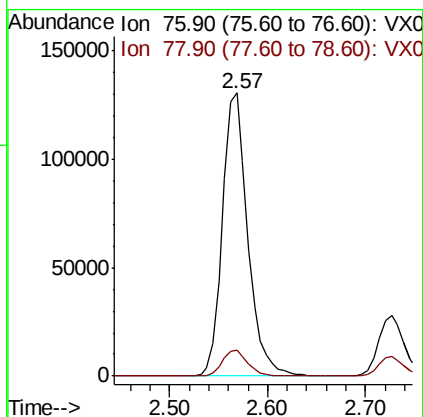
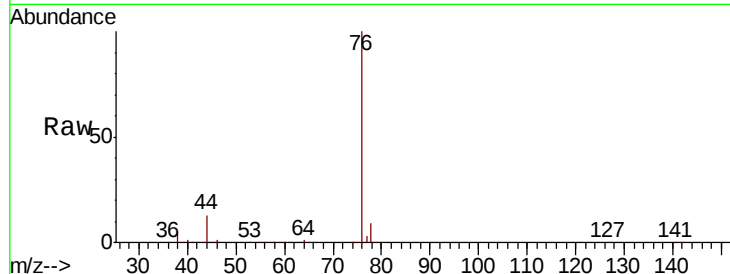




#17
Carbon Disulfide
Concen: 55.483 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

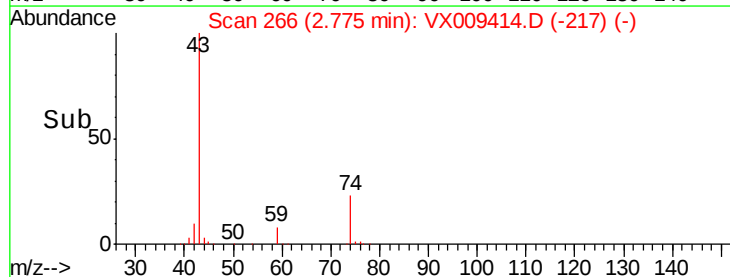
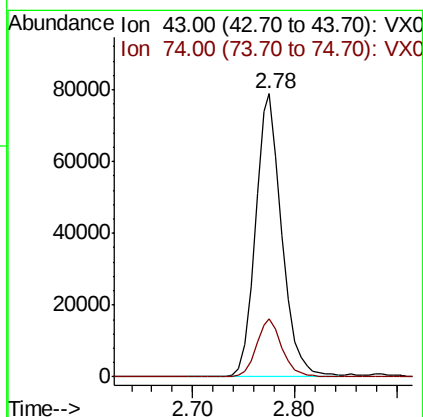
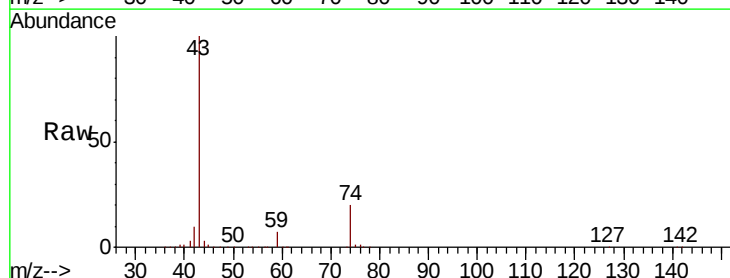
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

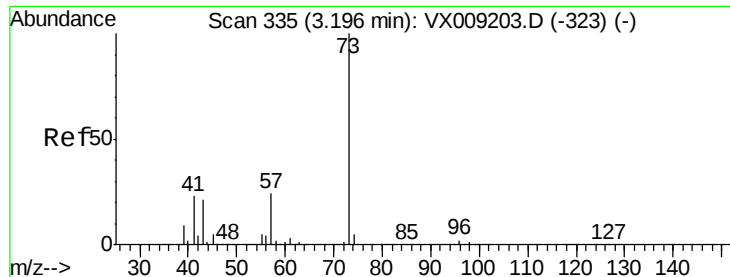
Tot Ion: 76 Resp: 234839
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 50.189 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 43 Resp: 140578
Ion Ratio Lower Upper
43 100
74 20.8 16.2 24.4



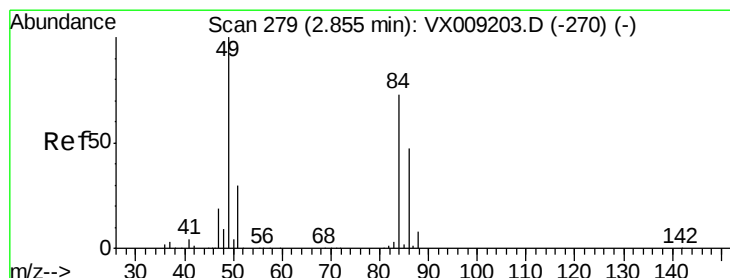
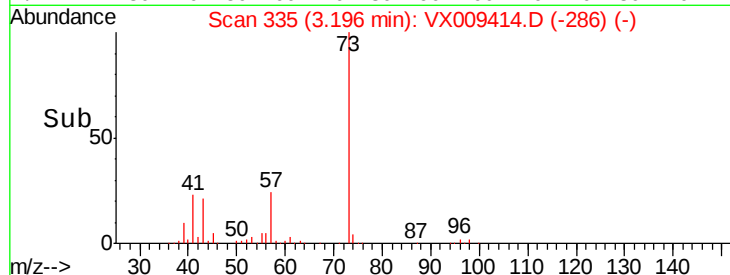
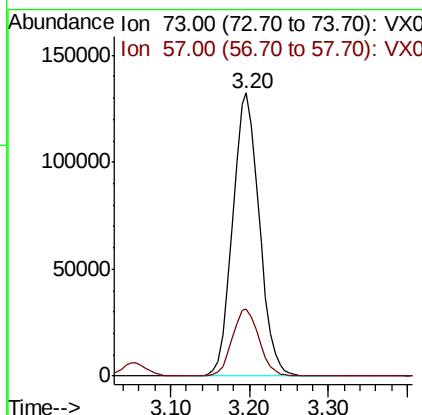
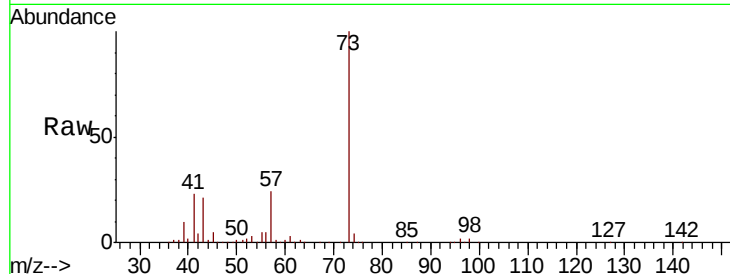


#19

Methyl tert-butyl Ether
 Concen: 52.998 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

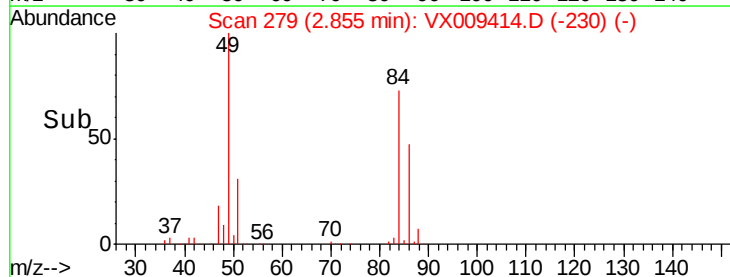
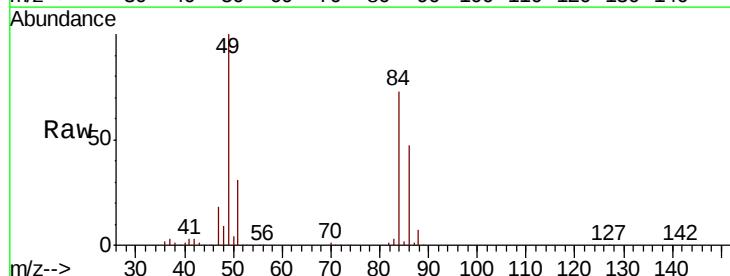
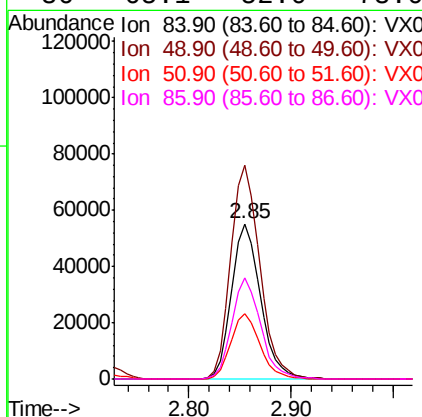
Tot Ion: 73 Resp: 310265
 Ion Ratio Lower Upper
 73 100
 57 23.8 19.3 28.9

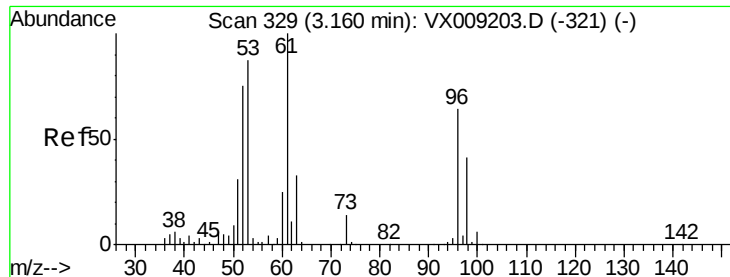


#20

Methylene Chloride
 Concen: 56.832 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

Tgt Ion: 84 Resp: 108377
 Ion Ratio Lower Upper
 84 100
 49 137.4 109.9 164.9
 51 42.1 32.7 49.1
 86 65.1 52.0 78.0

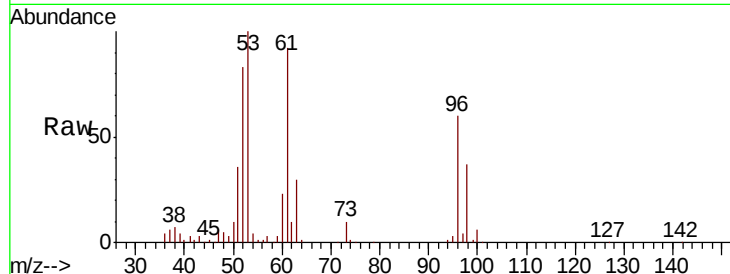




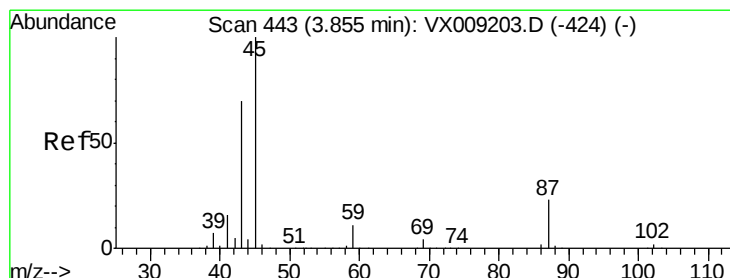
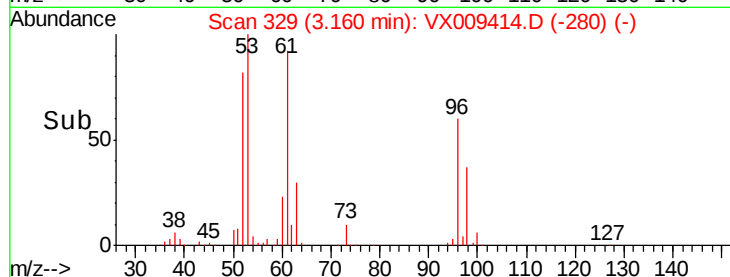
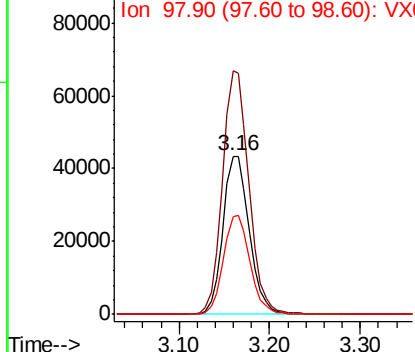
#21
trans-1,2-Dichloroethene
Concen: 53.614 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 87658
Ion Ratio Lower Upper
96 100
61 153.7 124.5 186.7
98 62.0 50.4 75.6

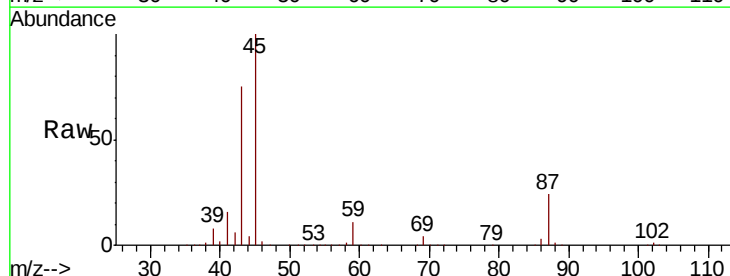


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

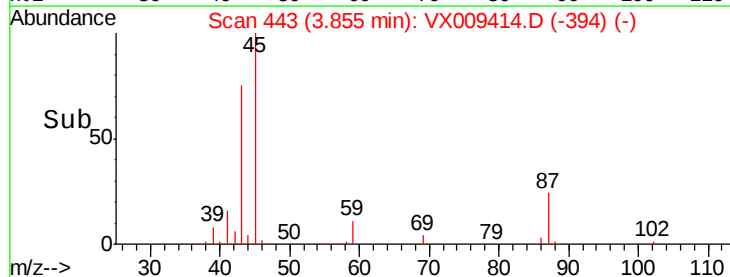
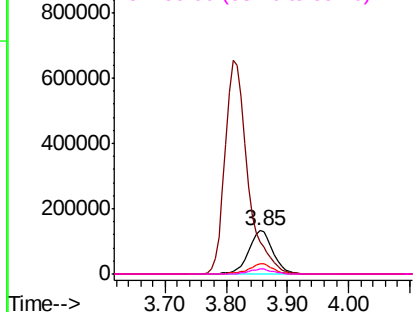


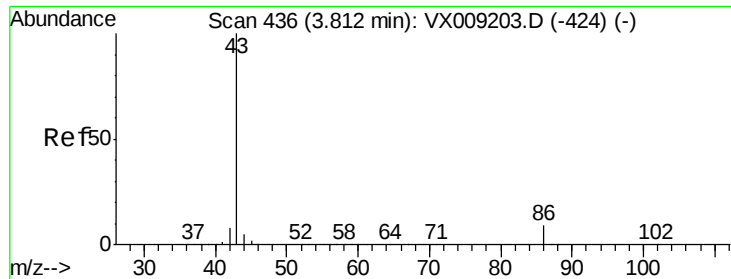
#22
Diisopropyl ether
Concen: 52.230 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 45 Resp: 369027
Ion Ratio Lower Upper
45 100
43 74.7 56.1 84.1
87 23.5 18.1 27.1
59 10.5 8.5 12.7



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

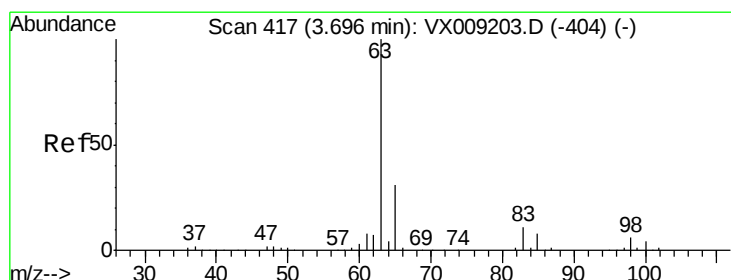
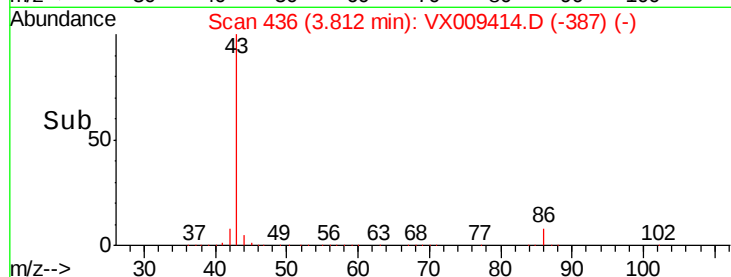
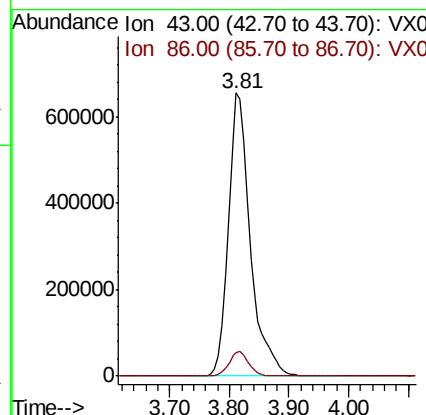
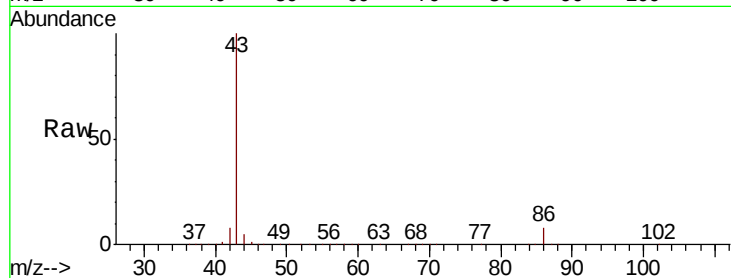




#23
 Vinyl Acetate
 Concen: 276.898 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

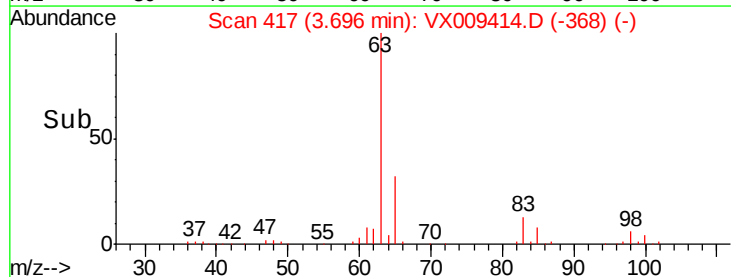
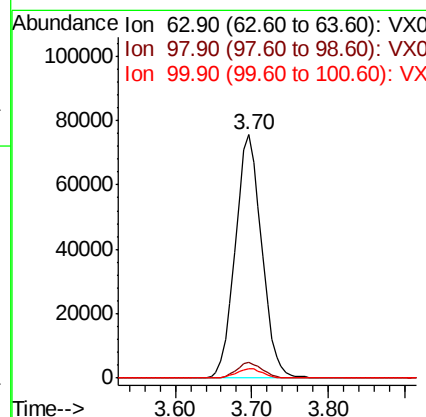
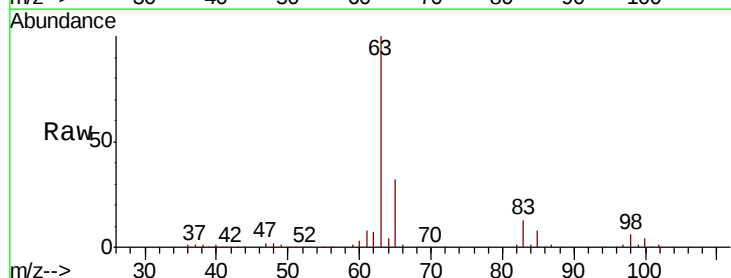
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

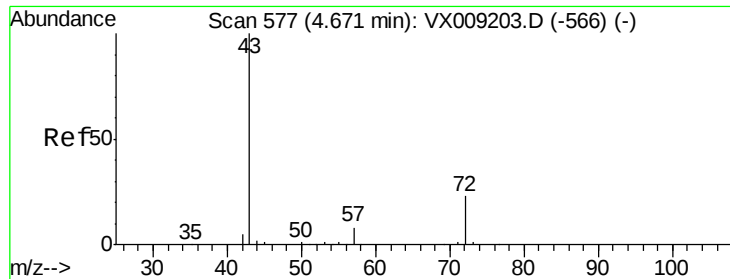
Tot Ion: 43 Resp: 1675303
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 51.820 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

Tgt Ion: 63 Resp: 180617
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.2
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 261.836 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

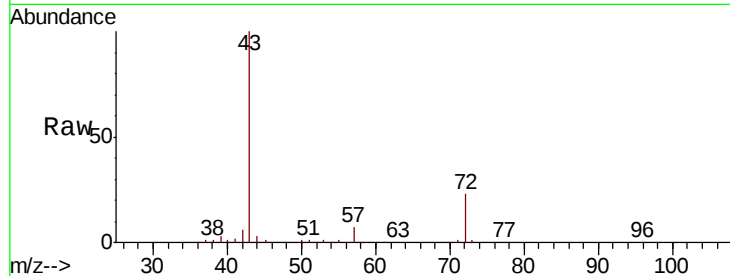
VSTDCCC050EC

Tot Ion: 43 Resp: 479212

Ion Ratio Lower Upper

43 100

72 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

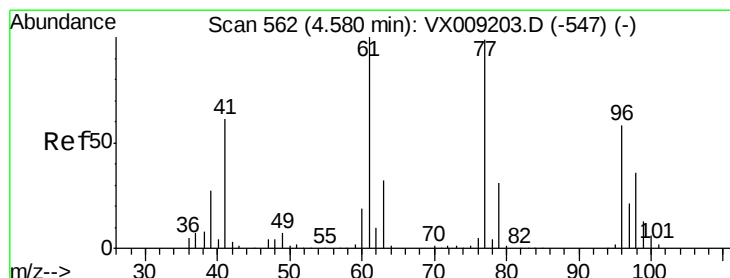
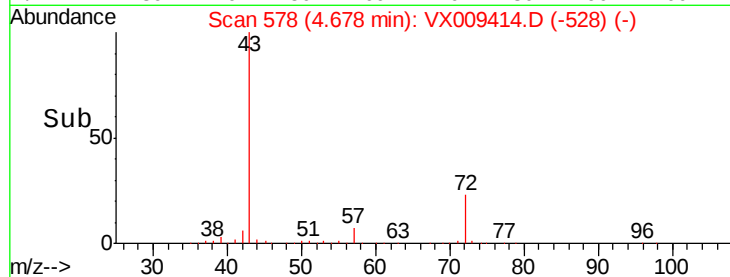
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.152 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009414.D

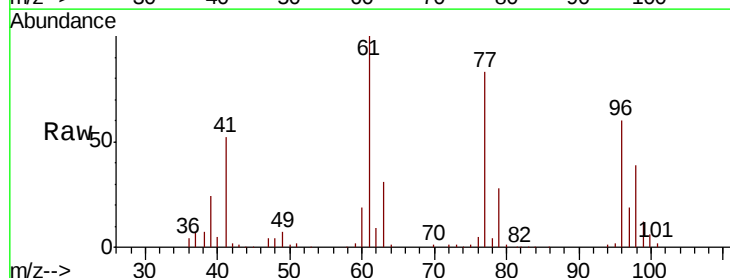
Acq: 08 May 2019 21:25

Tgt Ion: 77 Resp: 111953

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

10000

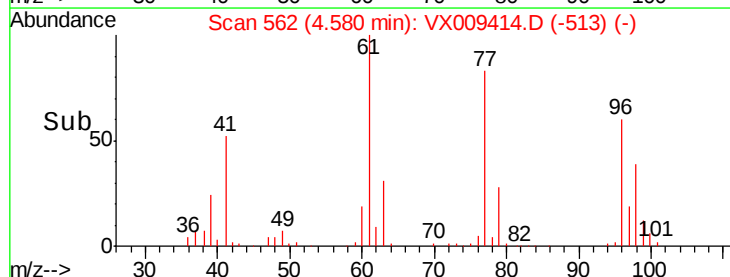
0

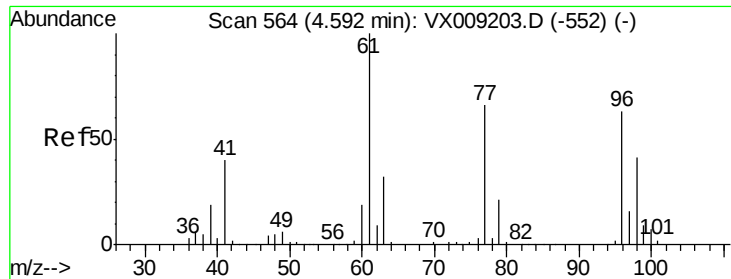
4.50

4.60

4.70

Time-->



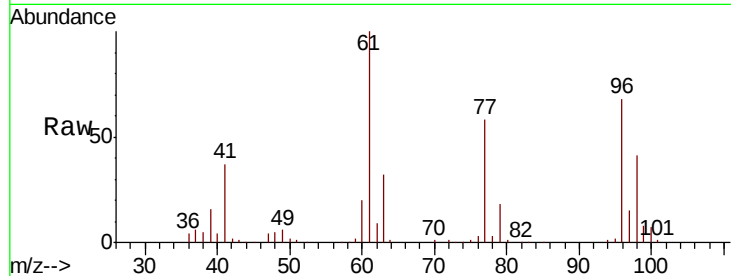


#27

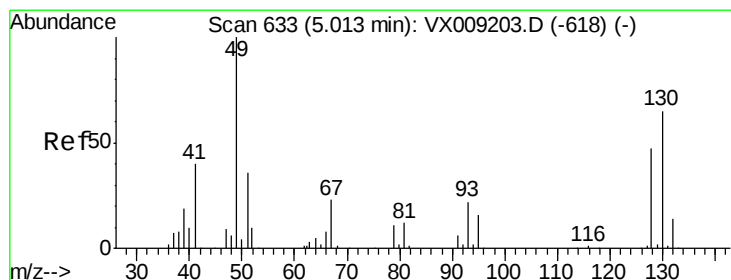
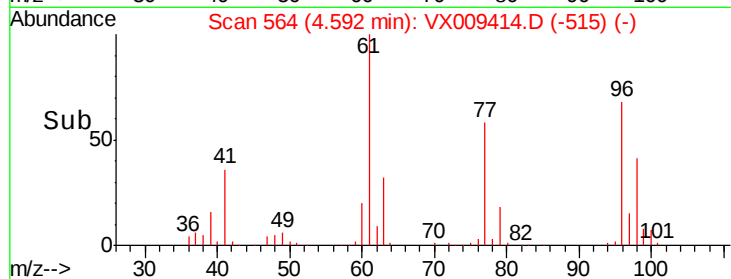
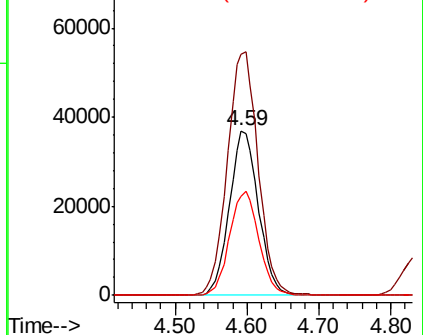
cis-1,2-Dichloroethene
Concen: 52.939 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 103312
Ion Ratio Lower Upper
96 100
61 157.6 0.0 324.0
98 64.0 0.0 130.4



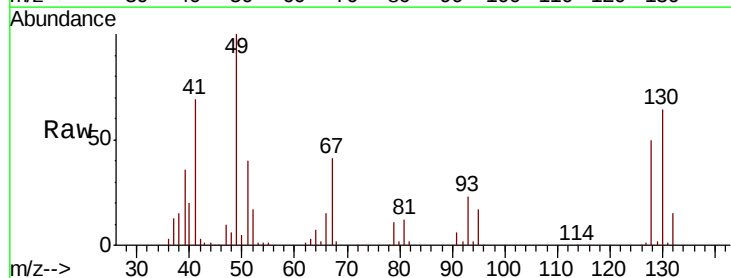
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



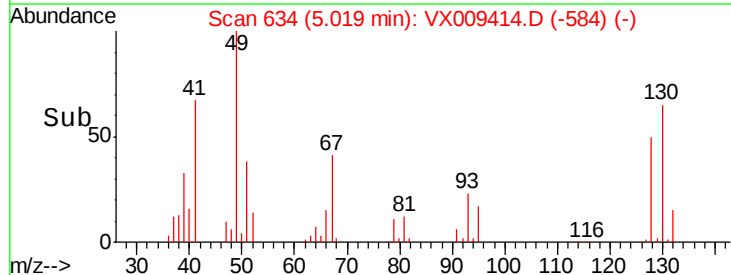
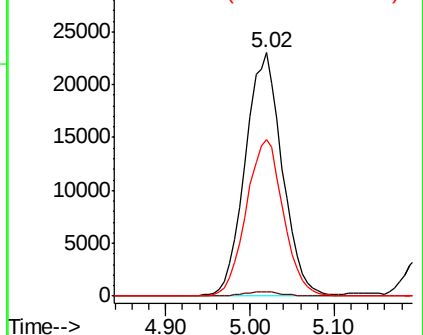
#28

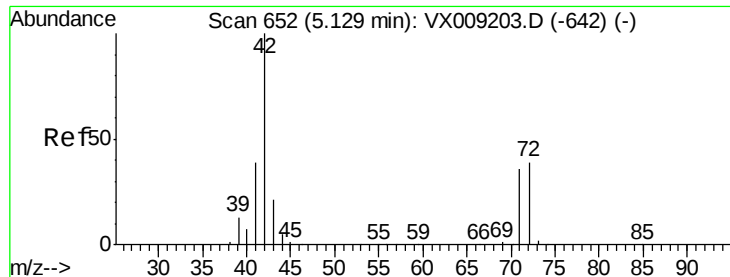
Bromochloromethane
Concen: 48.971 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 49 Resp: 68789
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 64.3 51.2 76.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

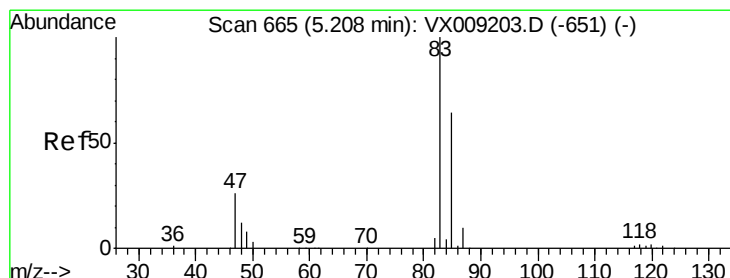
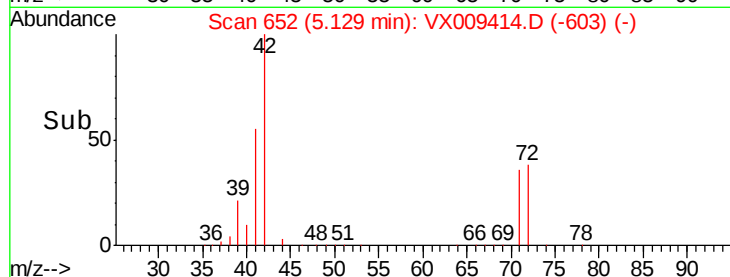
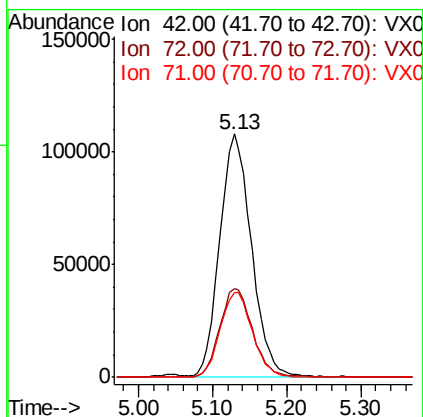
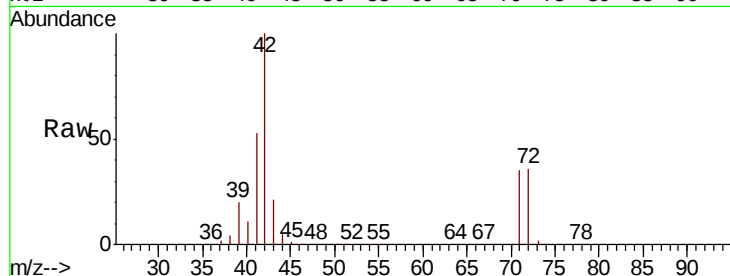




#29
Tetrahydrofuran
Concen: 271.418 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

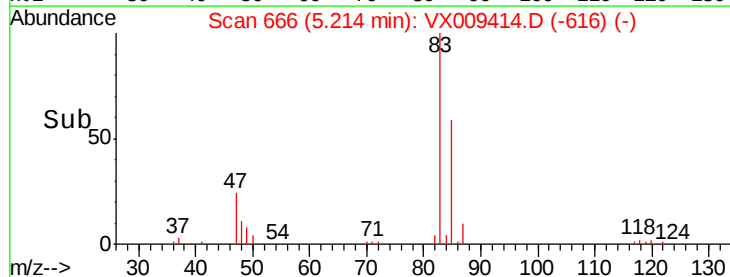
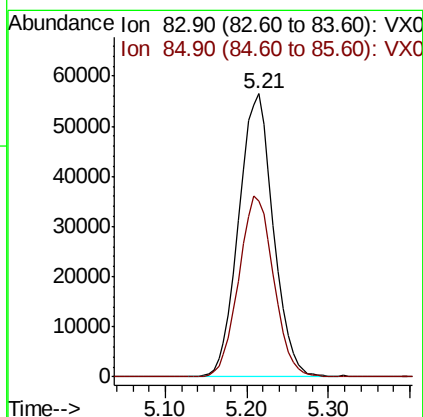
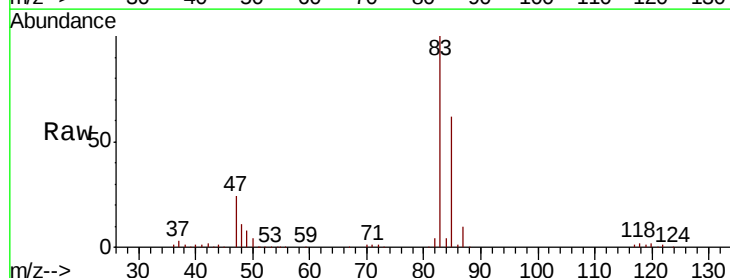
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

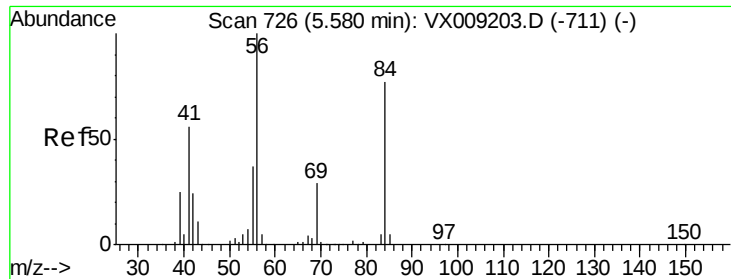
Tot Ion: 42 Resp: 319656
Ion Ratio Lower Upper
42 100
72 38.0 30.4 45.6
71 35.8 28.6 43.0



#30
Chloroform
Concen: 52.982 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 83 Resp: 167019
Ion Ratio Lower Upper
83 100
85 62.0 51.5 77.3

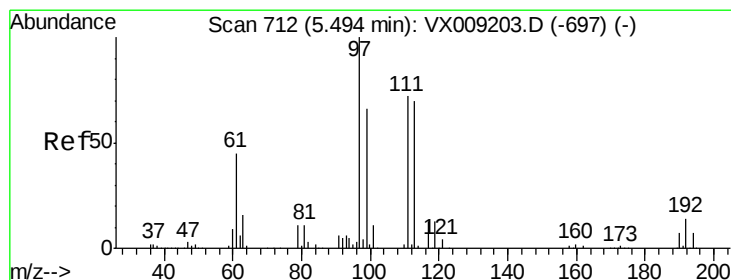
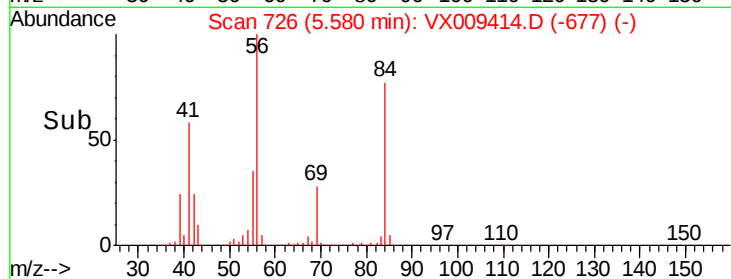
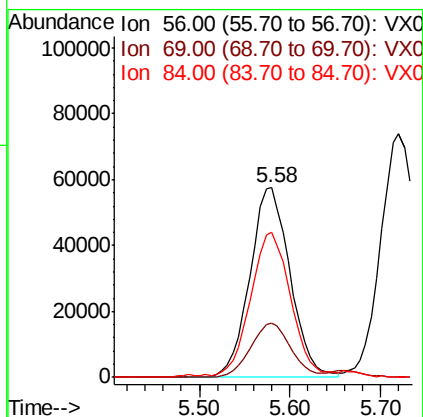
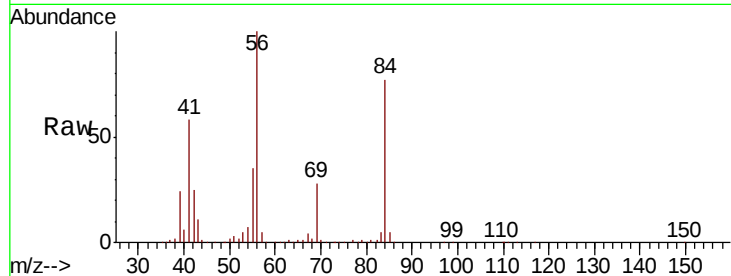




#31
Cyclohexane
Concen: 54.496 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

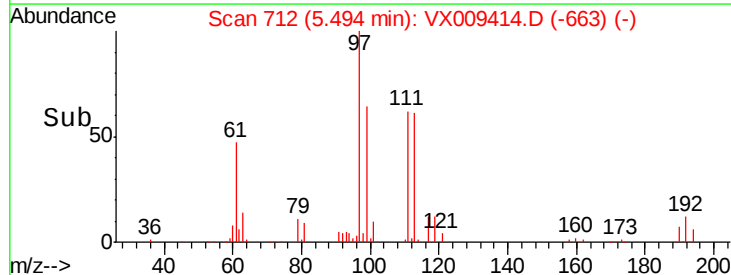
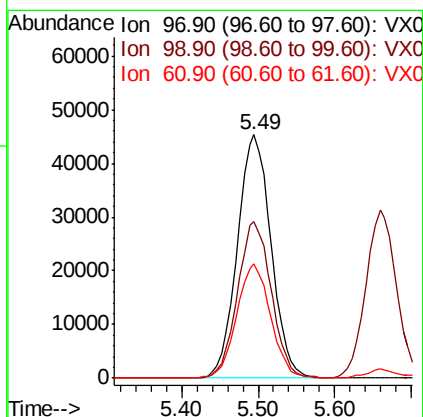
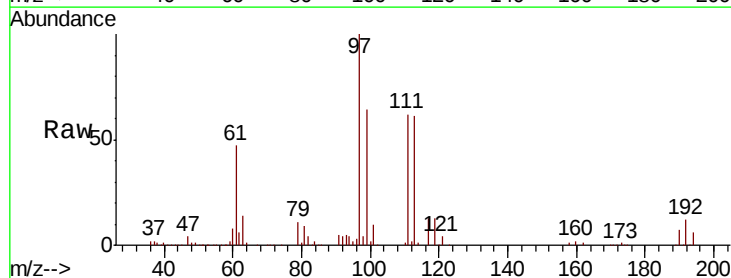
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

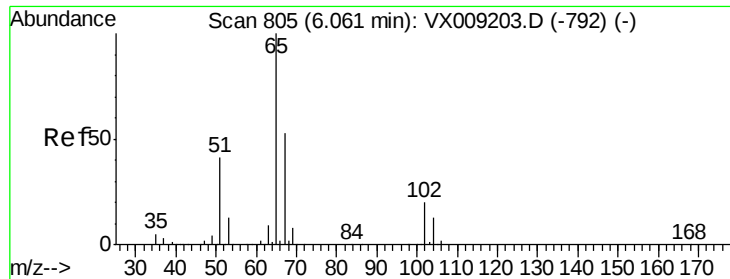
Tot Ion: 56 Resp: 176717
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.0
84 75.4 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 52.833 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 97 Resp: 138645
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 47.2 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 48.356 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

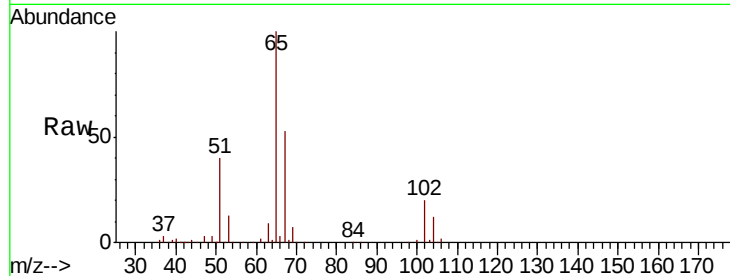
VSTDCCC050EC

Tot Ion: 65 Resp: 106063

Ion Ratio Lower Upper

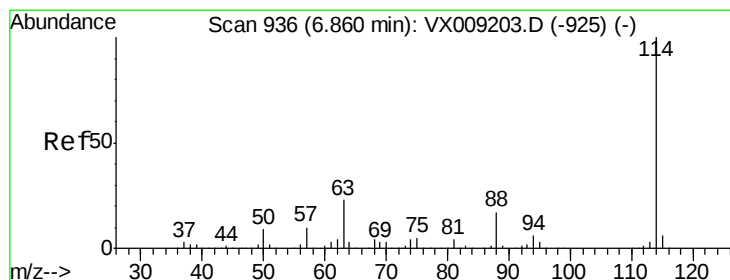
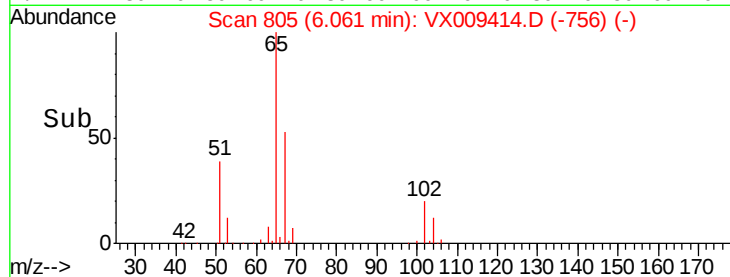
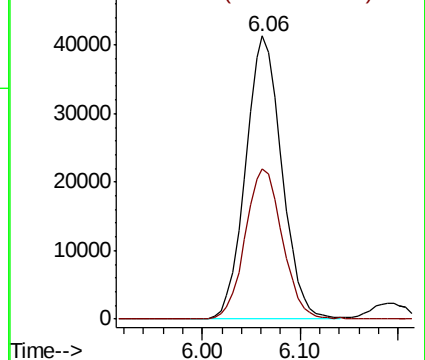
65 100

67 54.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

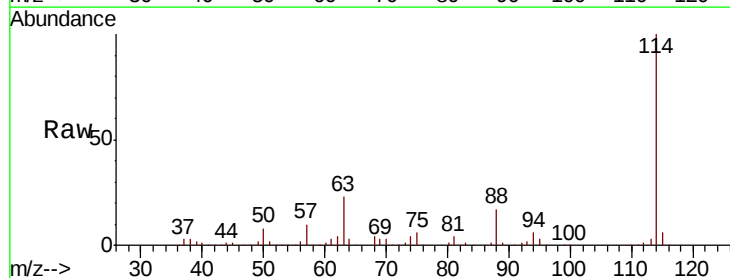
Tgt Ion: 114 Resp: 258870

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

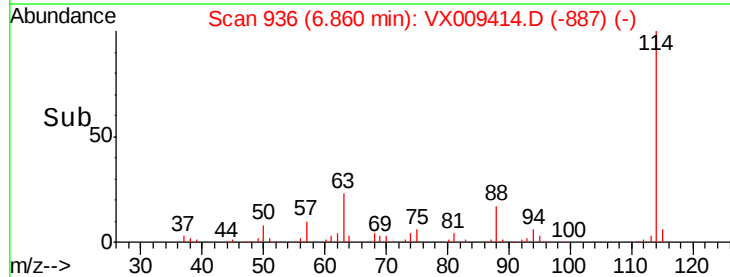
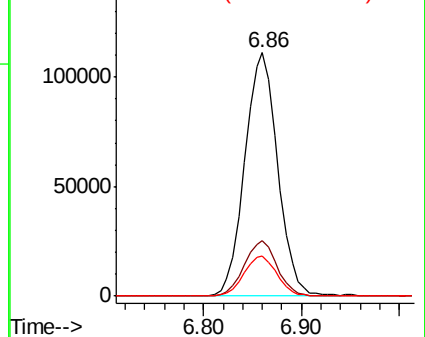
88 16.6 0.0 33.2

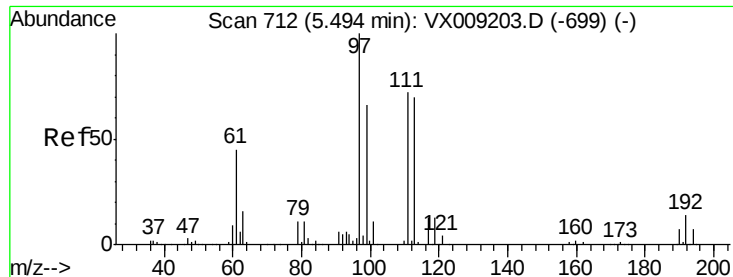


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.277 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

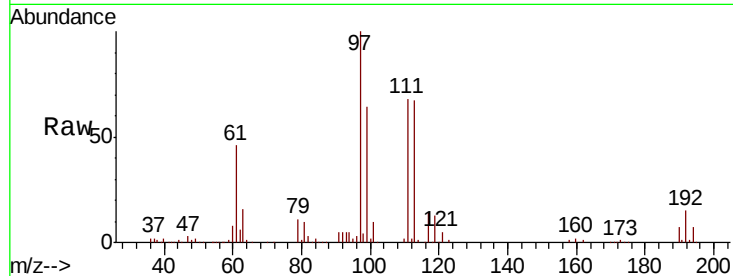
Tot Ion:113 Resp: 80192

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

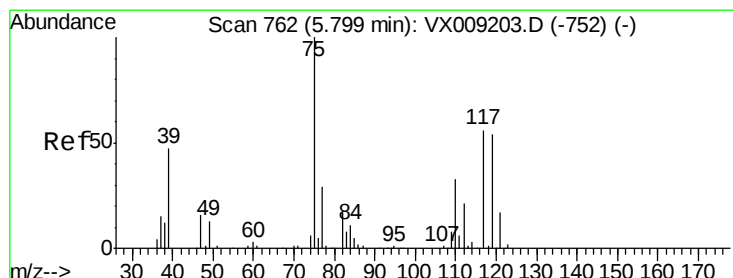
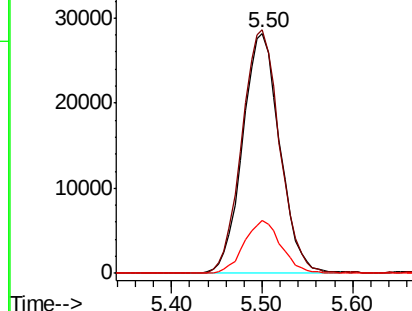
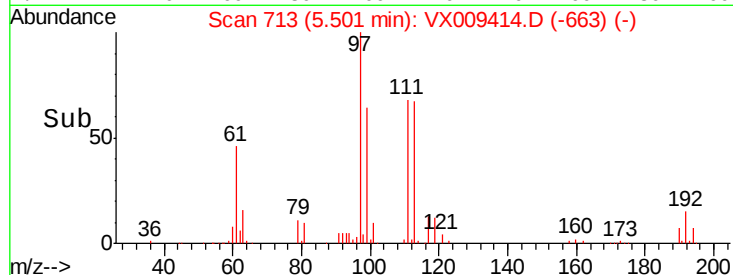
192 21.9 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.375 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

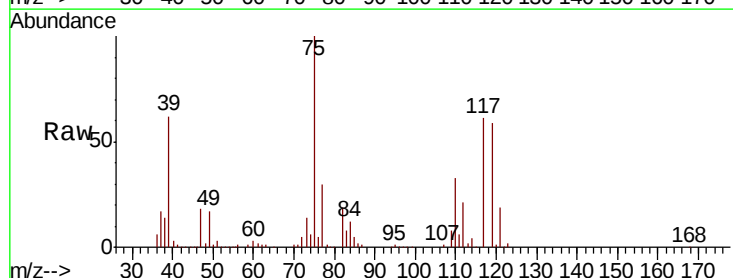
Tgt Ion: 75 Resp: 128404

Ion Ratio Lower Upper

75 100

110 33.9 16.9 50.6

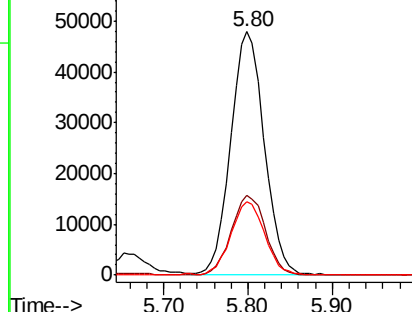
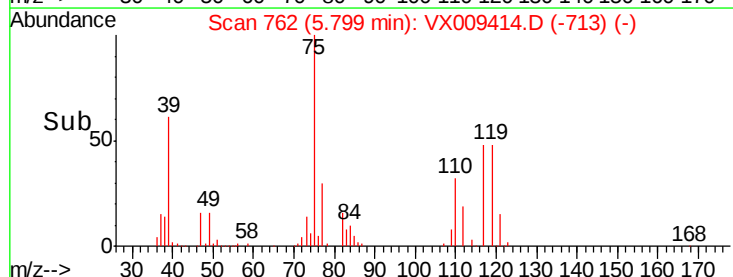
77 30.7 24.8 37.2

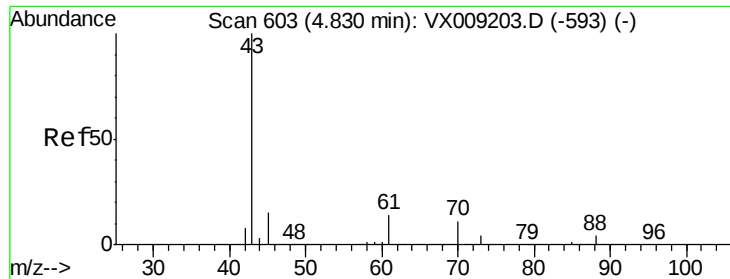


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.741 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

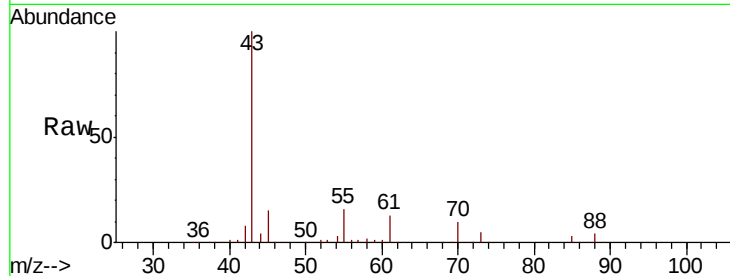
Tot Ion: 43 Resp: 183485

Ion Ratio Lower Upper

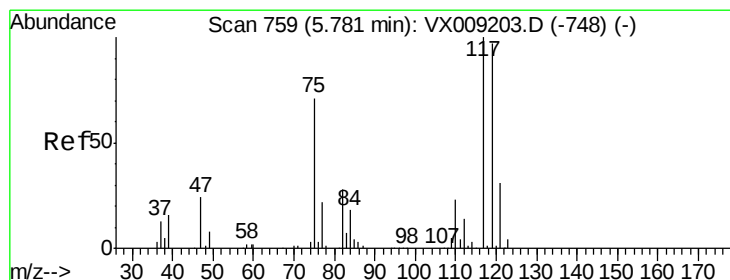
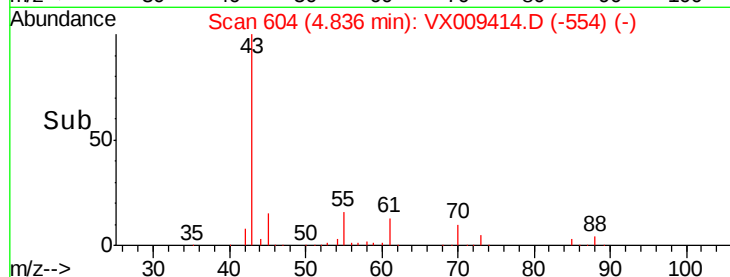
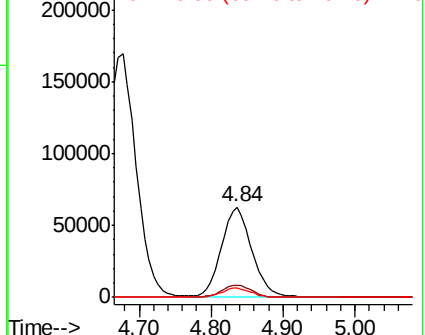
43 100

61 13.1 10.5 15.7

70 9.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 53.683 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

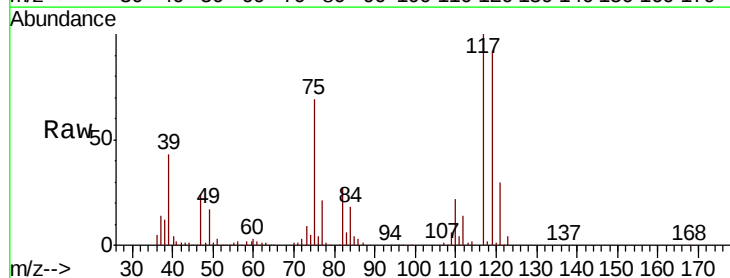
Tgt Ion: 117 Resp: 117337

Ion Ratio Lower Upper

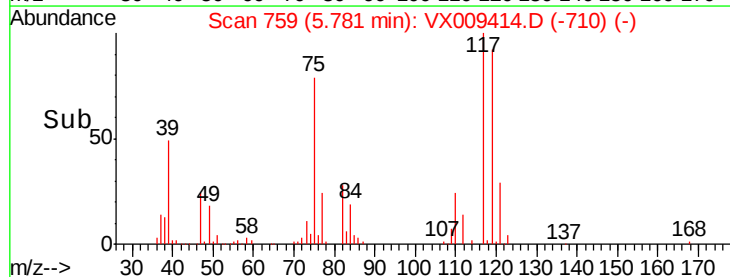
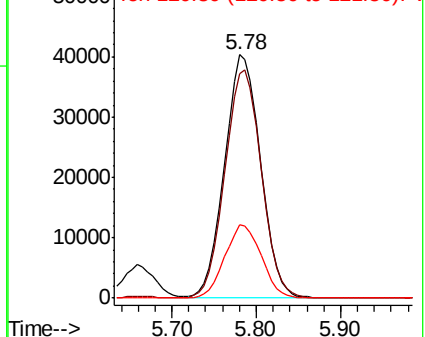
117 100

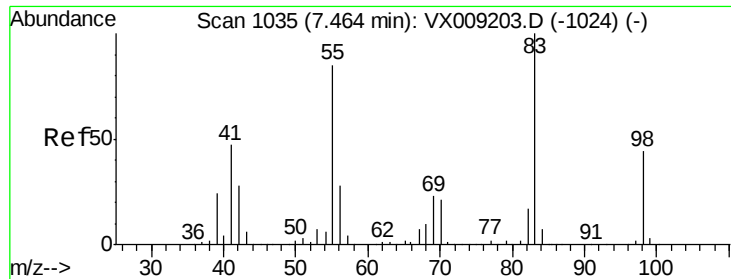
119 92.2 77.5 116.3

121 30.1 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

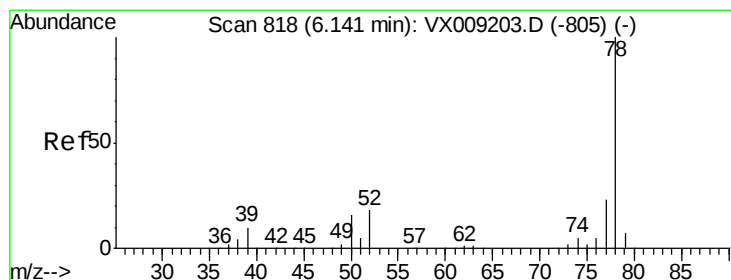
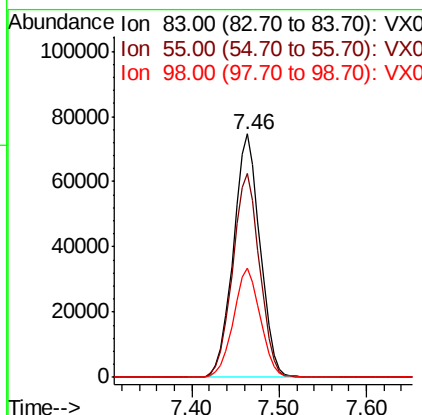
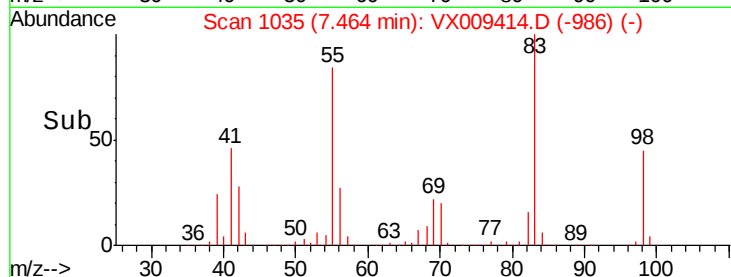
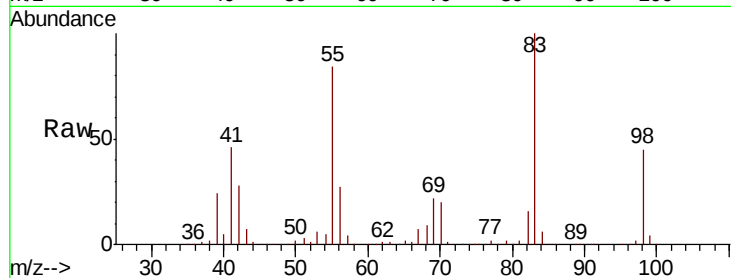




#39
Methvlcvclohexane
Concen: 53.650 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

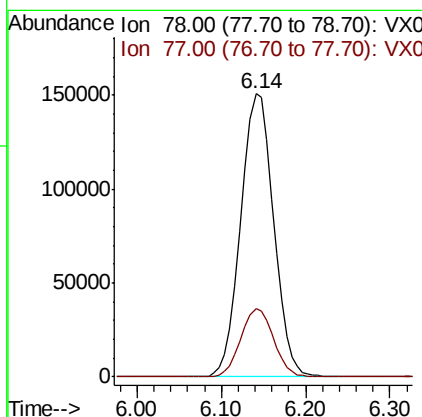
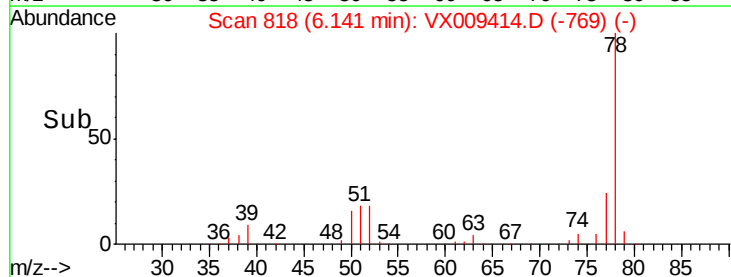
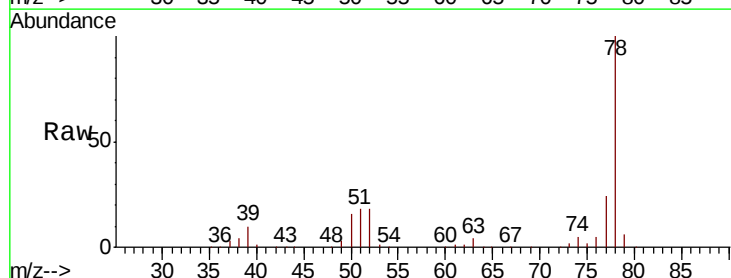
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

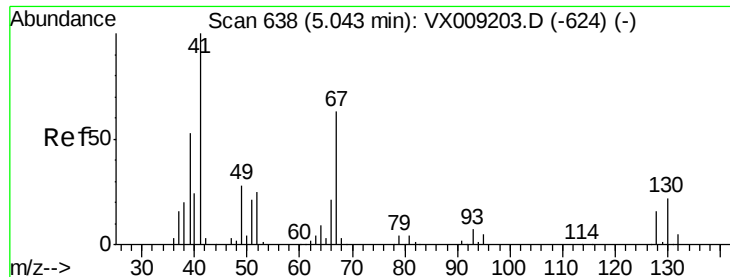
Tot Ion: 83 Resp: 158507
Ion Ratio Lower Upper
83 100
55 83.9 67.7 101.5
98 45.1 35.5 53.3



#40
Benzene
Concen: 53.540 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 78 Resp: 398617
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2





#41

Methacrylonitrile

Concen: 51.331 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 102420

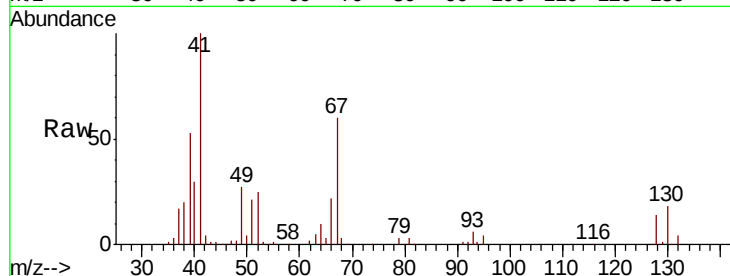
Ion Ratio Lower Upper

41 100

39 53.0 42.0 63.0

67 63.5 49.8 74.8

52 26.2 20.3 30.5

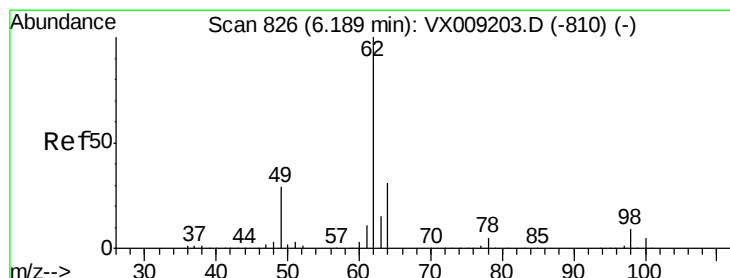
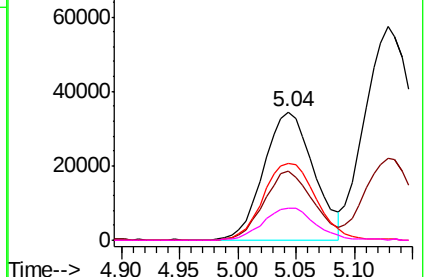
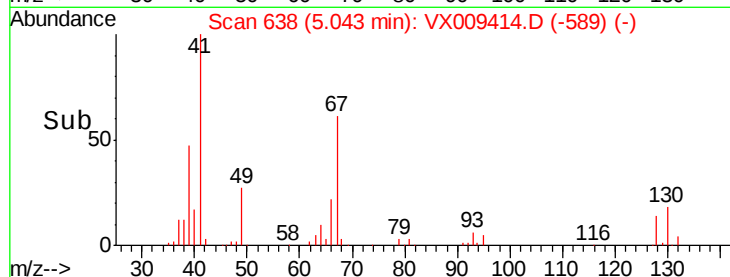


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.608 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009414.D

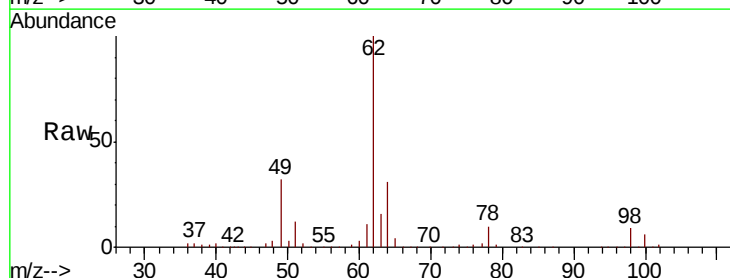
Acq: 08 May 2019 21:25

Tgt Ion: 62 Resp: 140503

Ion Ratio Lower Upper

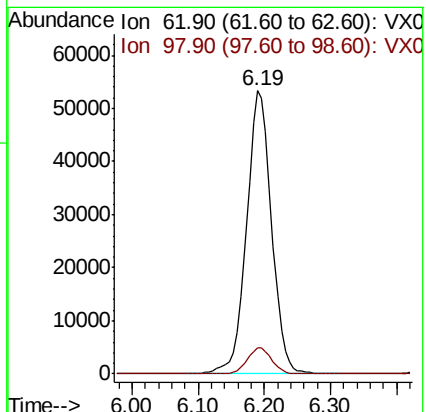
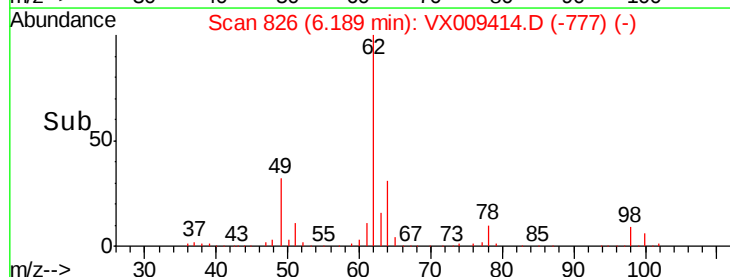
62 100

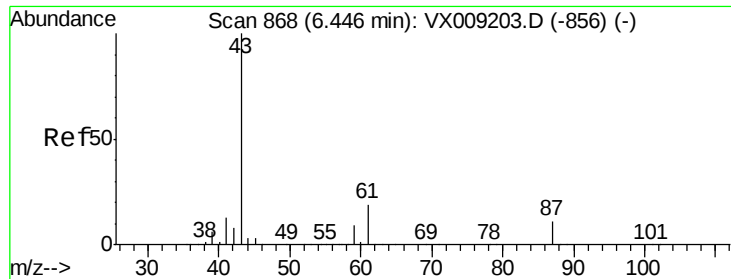
98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.317 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

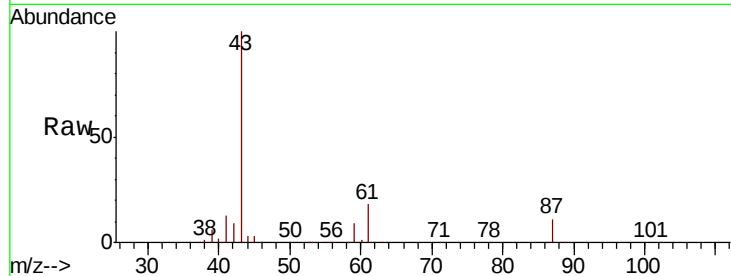
Tot Ion: 43 Resp: 291220

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

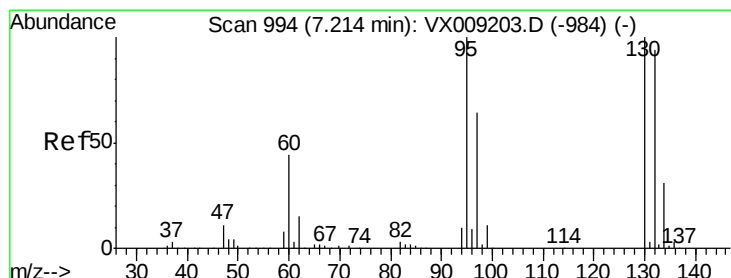
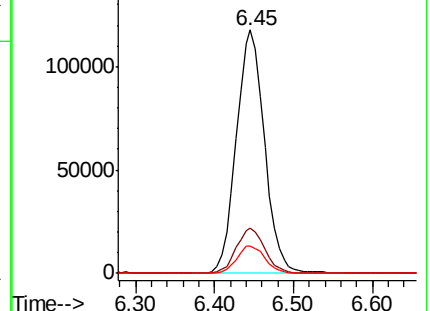
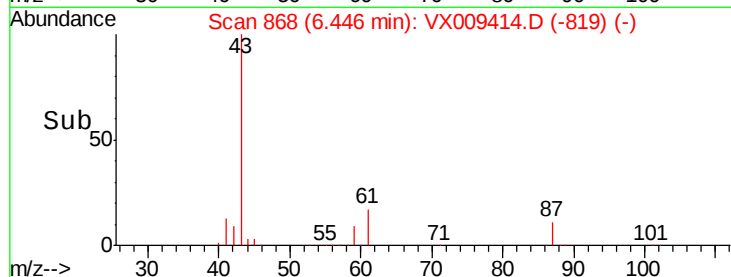
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.867 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009414.D

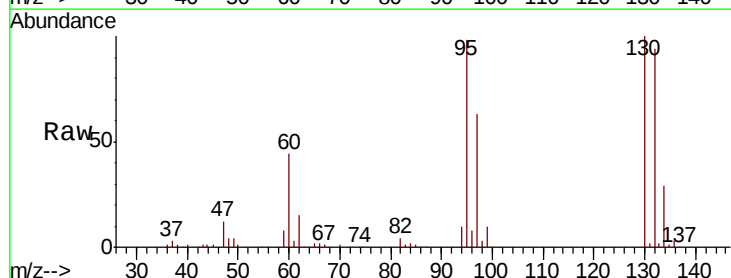
Acq: 08 May 2019 21:25

Tgt Ion:130 Resp: 95156

Ion Ratio Lower Upper

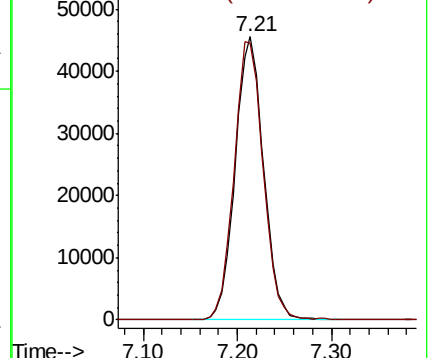
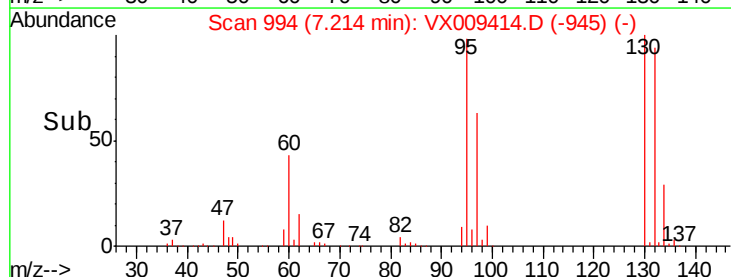
130 100

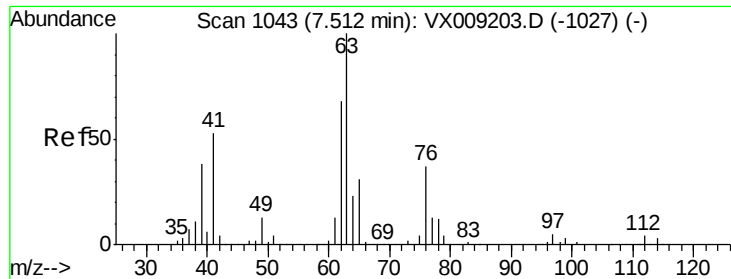
95 97.8 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

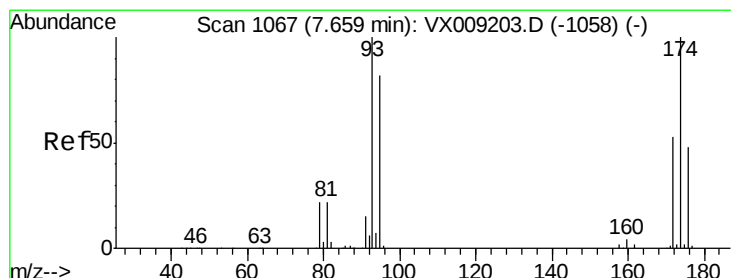
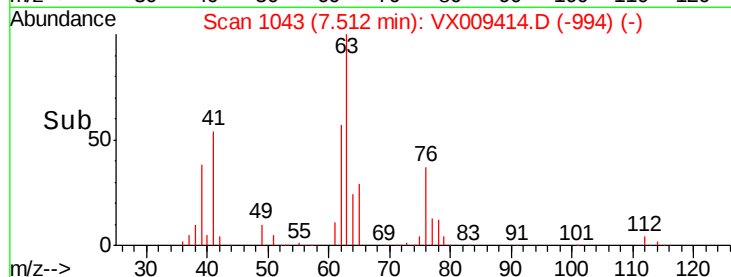
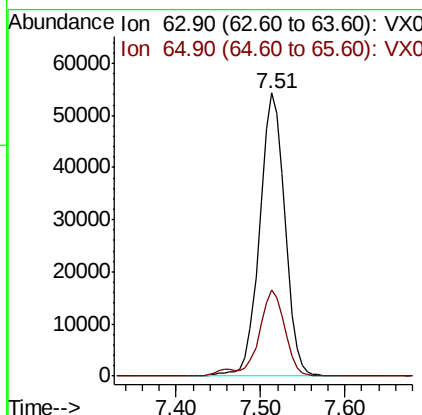
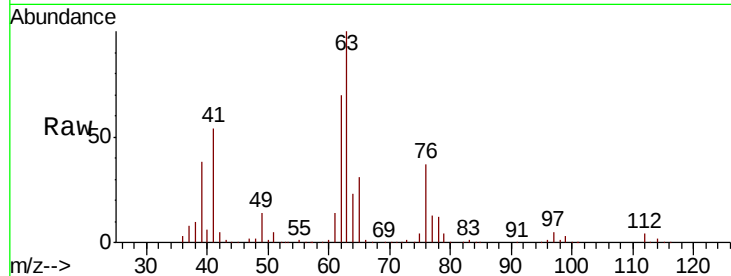




#45
 1,2-Dichloropropane
 Concen: 53.179 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

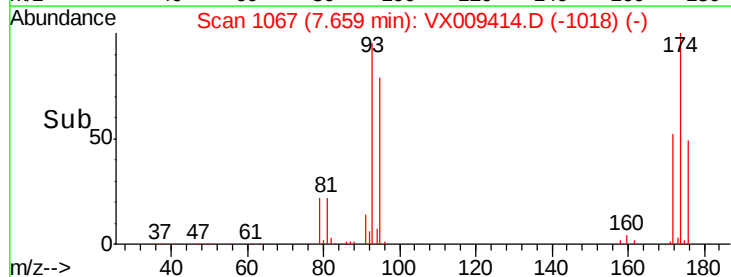
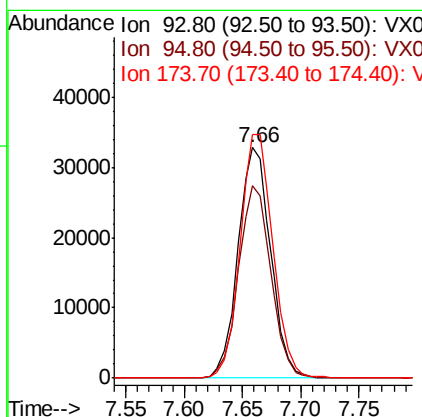
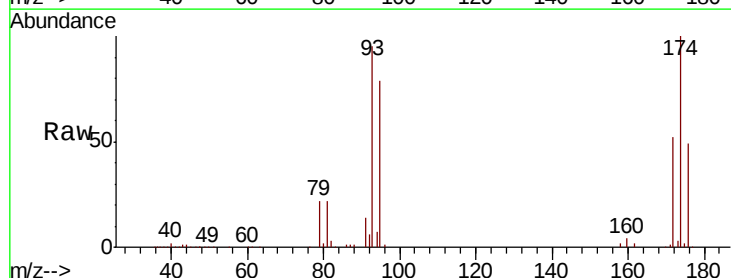
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

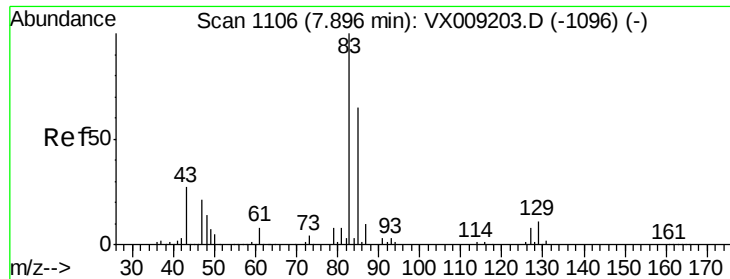
Tot Ion: 63 Resp: 112112
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.6



#46
 Dibromomethane
 Concen: 52.351 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

Tgt Ion: 93 Resp: 64091
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 106.4 82.1 123.1





#47

Bromodichloromethane

Concen: 52.678 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

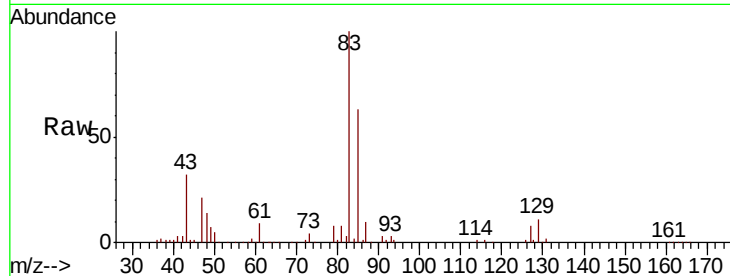
Tot Ion: 83 Resp: 128642

Ion Ratio Lower Upper

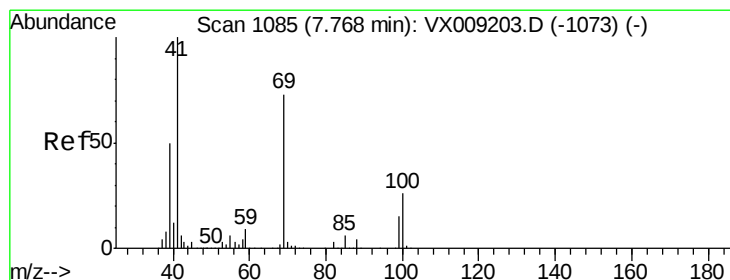
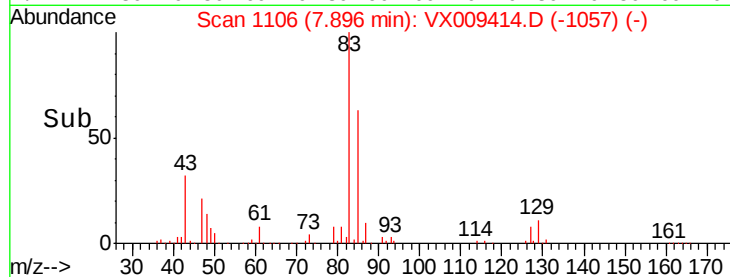
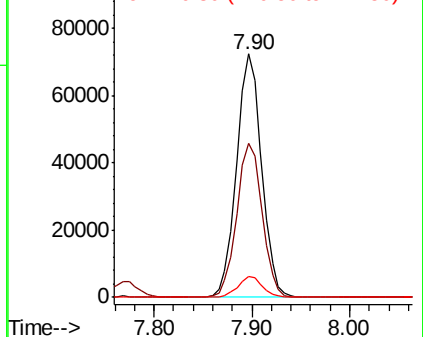
83 100

85 63.4 52.4 78.6

127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.830 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

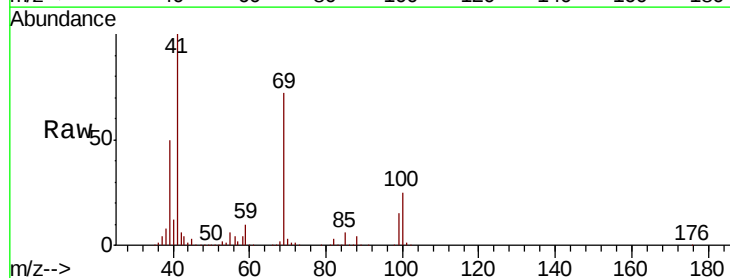
Tgt Ion: 41 Resp: 145846

Ion Ratio Lower Upper

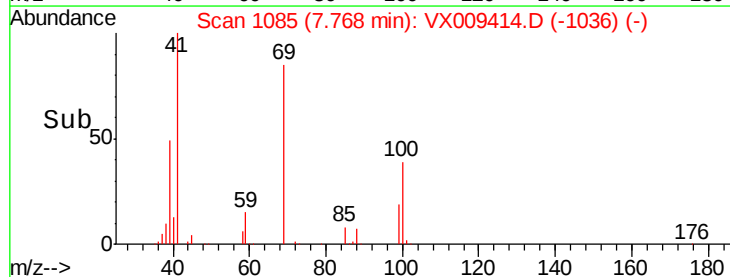
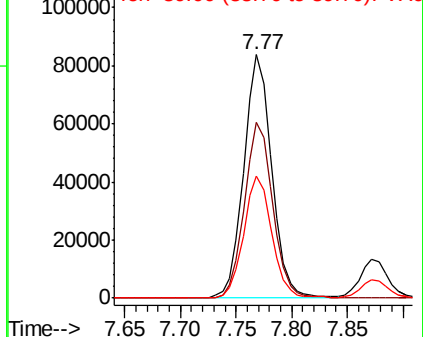
41 100

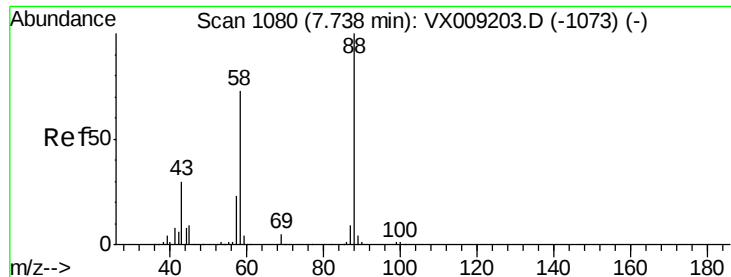
69 73.6 59.1 88.7

39 50.4 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

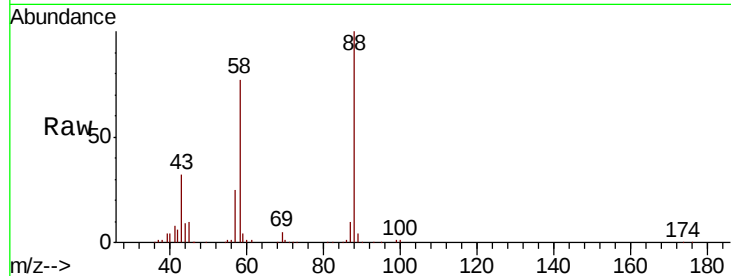




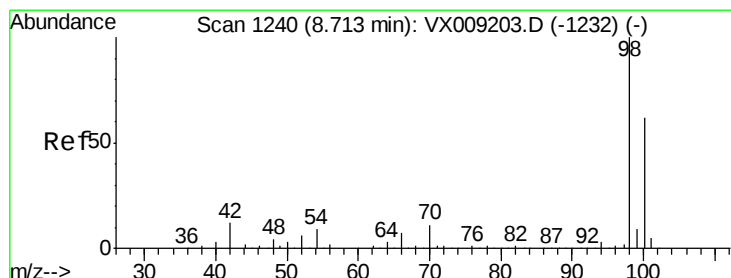
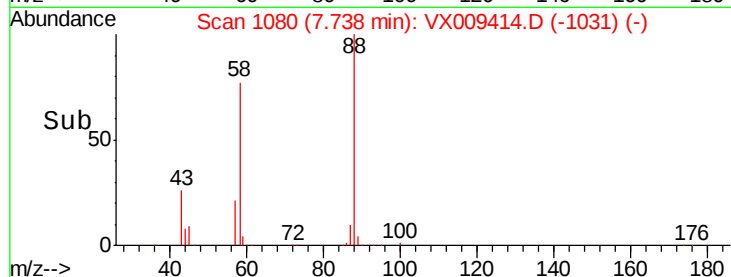
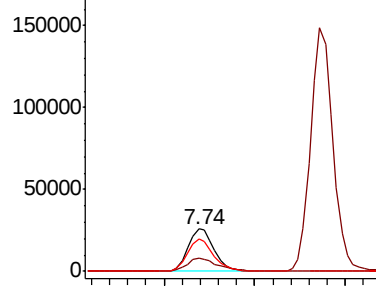
#49
1,4-Dioxane
Concen: 963.484 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 51974
Ion Ratio Lower Upper
88 100
43 35.7 28.6 42.8
58 77.4 61.7 92.5

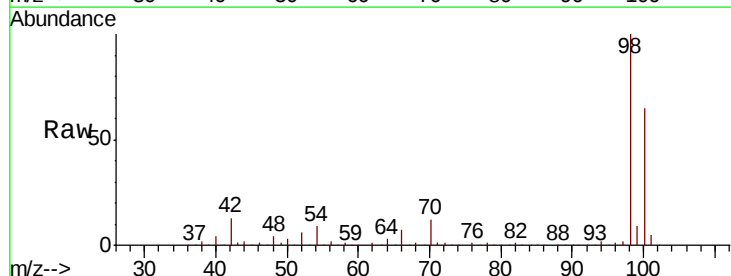


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

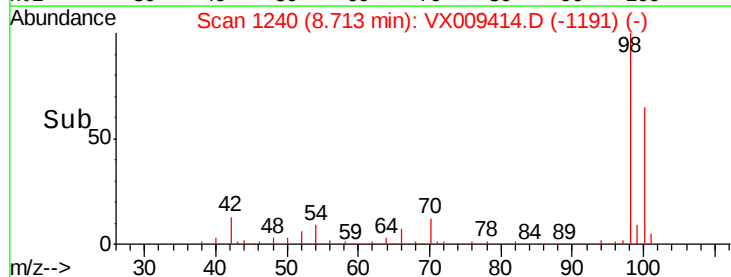
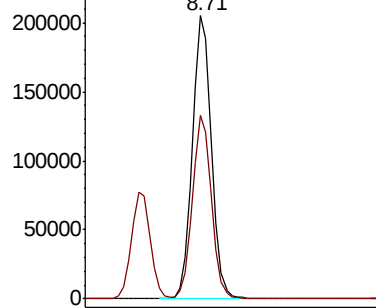


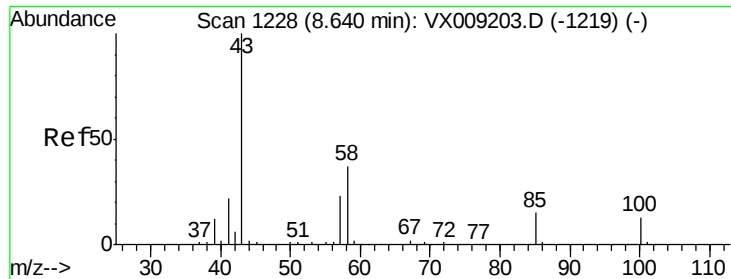
#50
Toluene-d8
Concen: 48.735 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 98 Resp: 320192
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 271.767 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

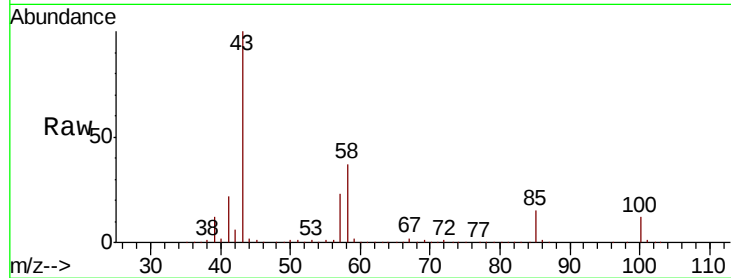
VSTDCCC050EC

Tot Ion: 43 Resp: 952377

Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

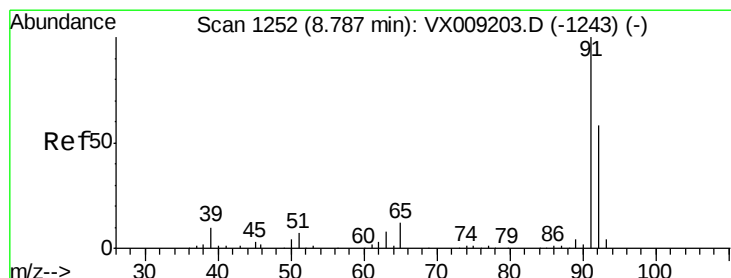
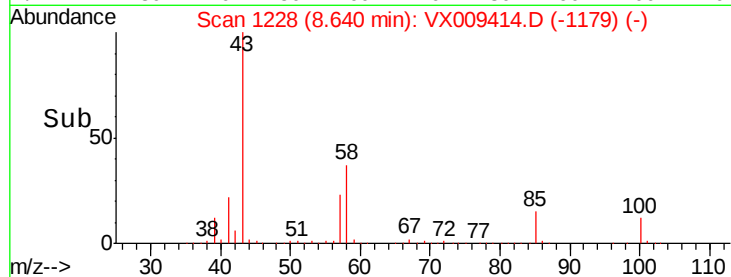
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.317 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009414.D

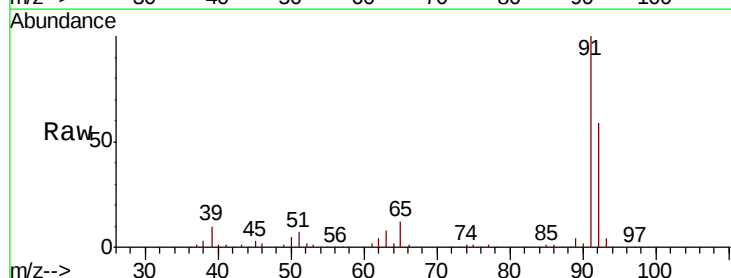
Acq: 08 May 2019 21:25

Tgt Ion: 92 Resp: 245826

Ion Ratio Lower Upper

92 100

91 171.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

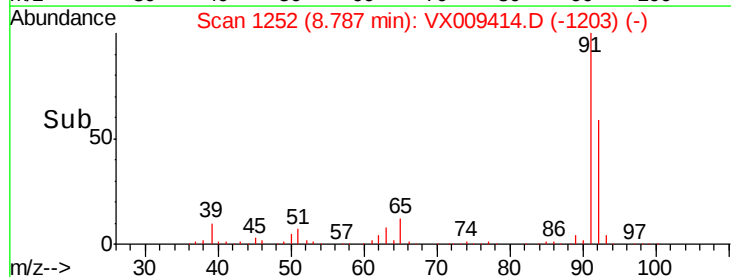
150000

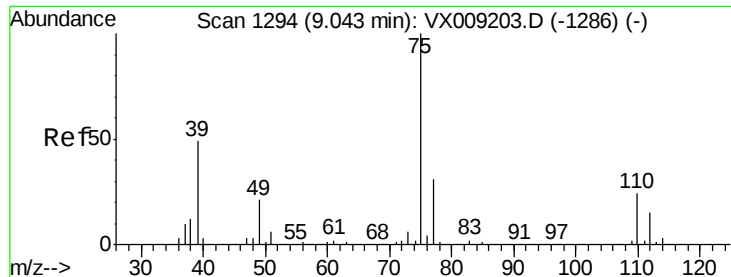
100000

50000

0

Time-->

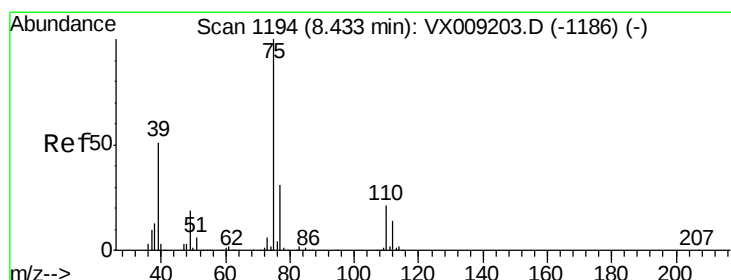
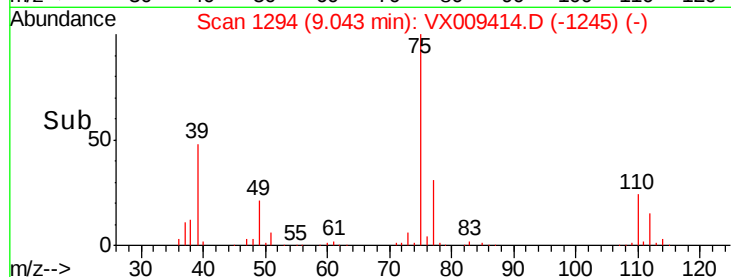
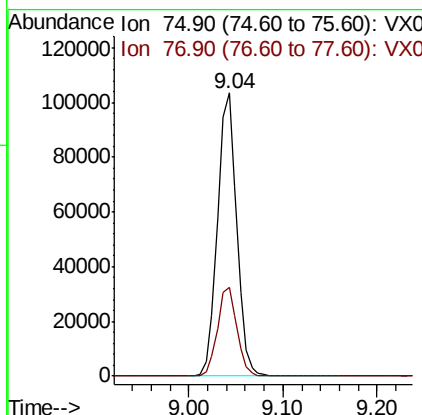
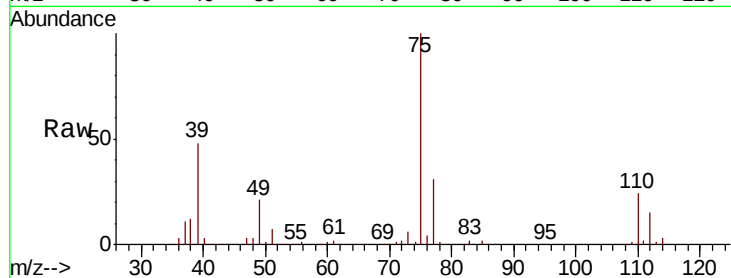




#53
t-1,3-Dichloropropene
Concen: 53.277 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

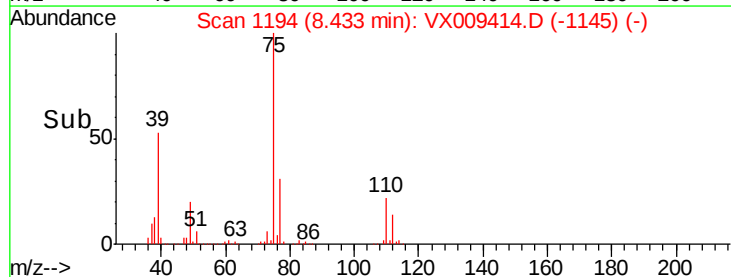
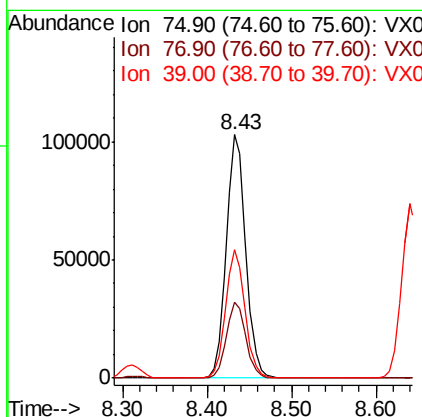
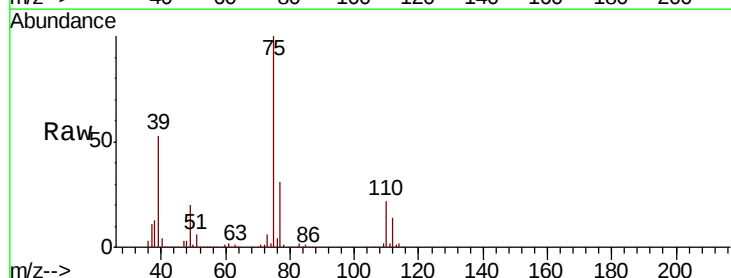
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

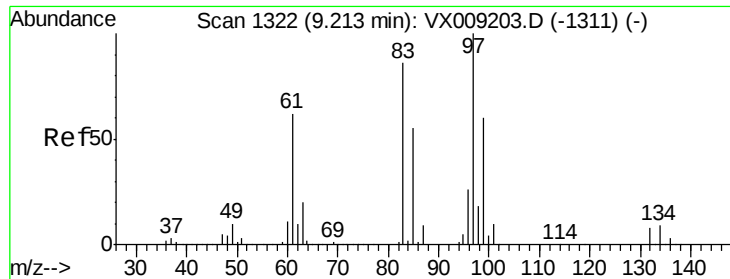
Tot Ion: 75 Resp: 146891
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.392 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 75 Resp: 162935
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 52.5 40.6 60.8

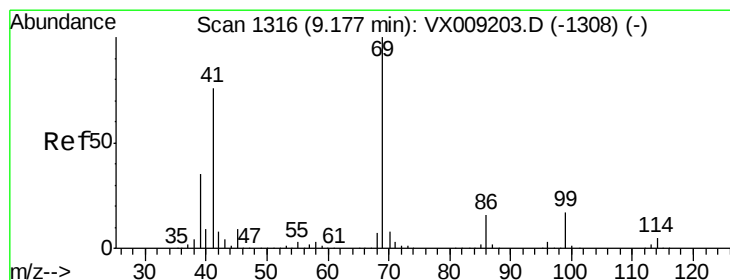
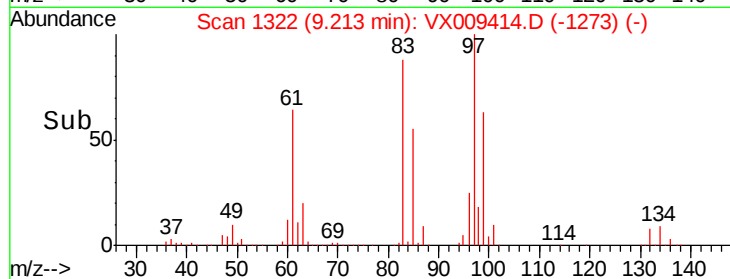
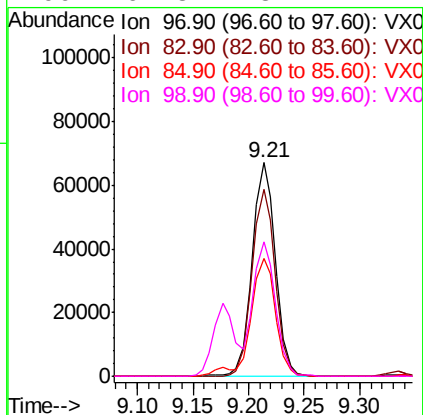
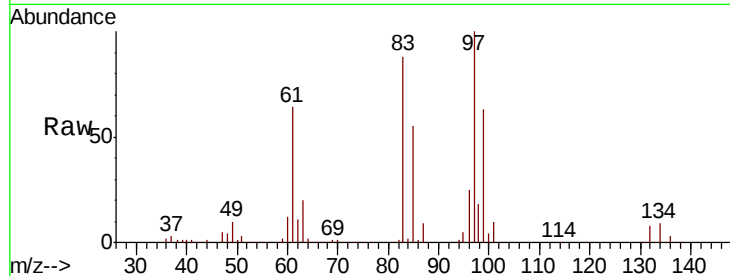




#55
 1,1,2-Trichloroethane
 Concen: 52.851 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

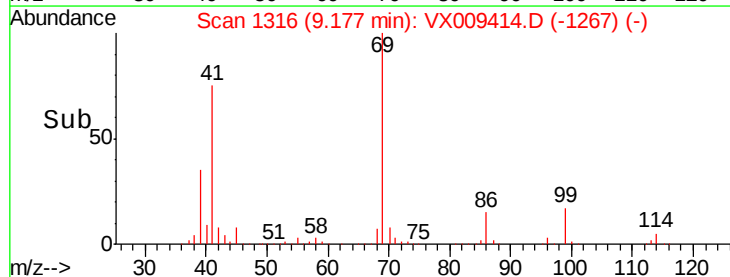
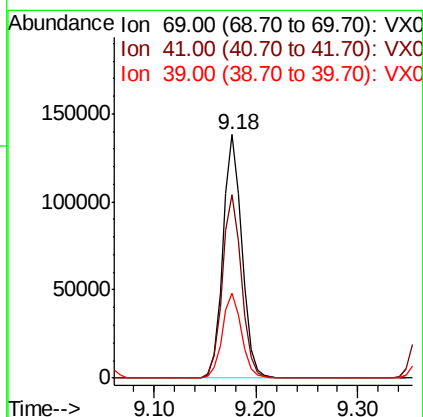
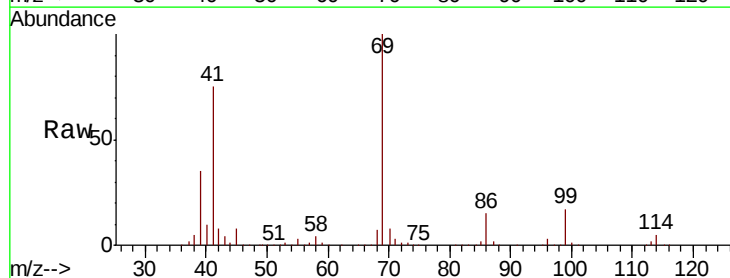
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

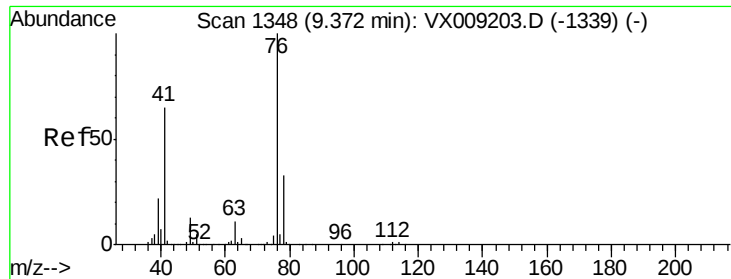
Tot Ion:	97	Resp:	97583
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.9	103.3
85	54.9	43.8	65.6
99	62.8	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 54.388 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

Tgt Ion:	69	Resp:	179258
Ion	Ratio	Lower	Upper
69	100		
41	76.3	60.6	90.8
39	36.0	28.2	42.4





#57

1,3-Dichloropropane

Concen: 52.626 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

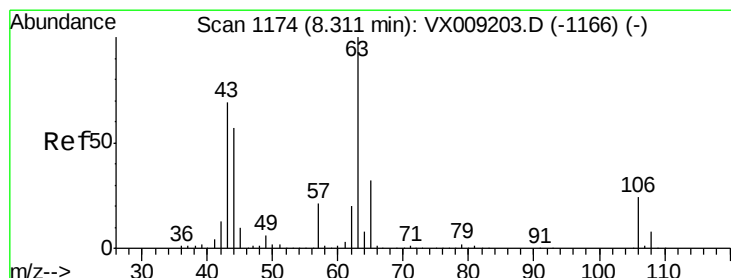
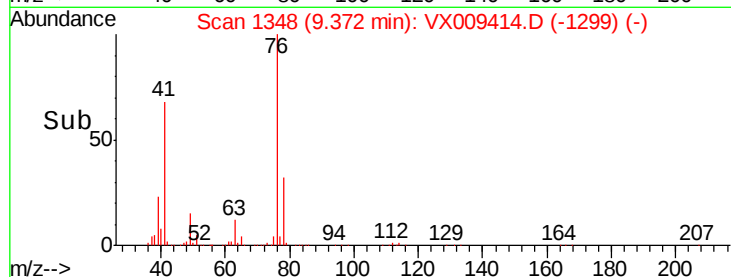
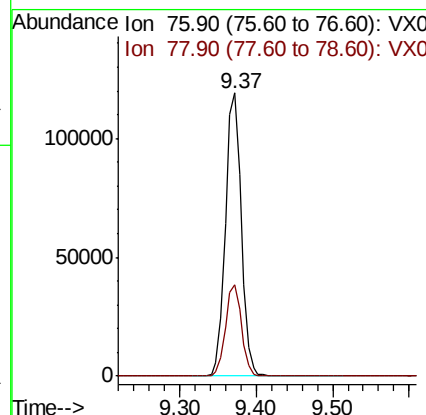
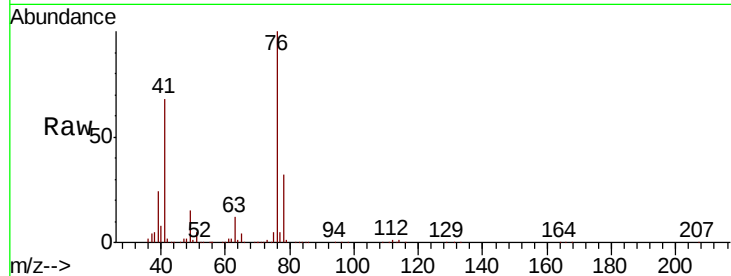
VSTDCCC050EC

Tot Ion: 76 Resp: 170991

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 254.746 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009414.D

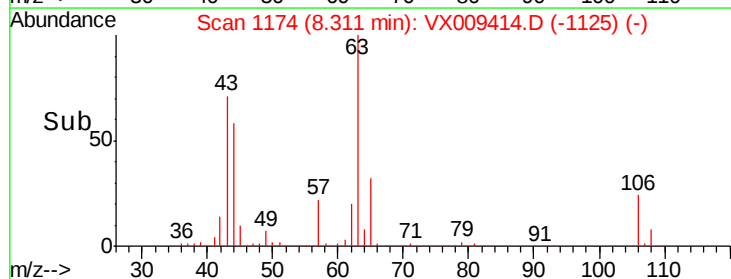
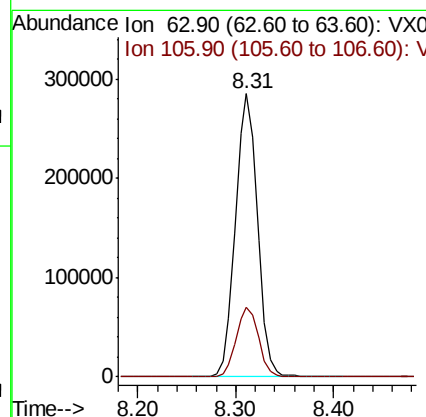
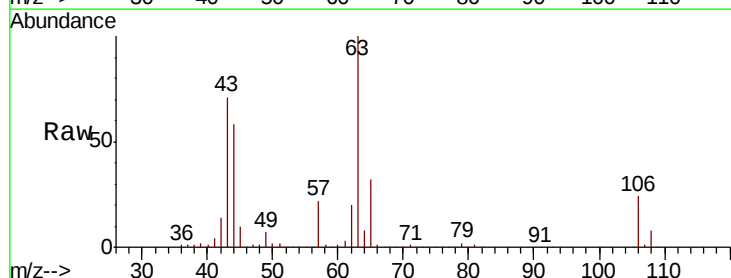
Acq: 08 May 2019 21:25

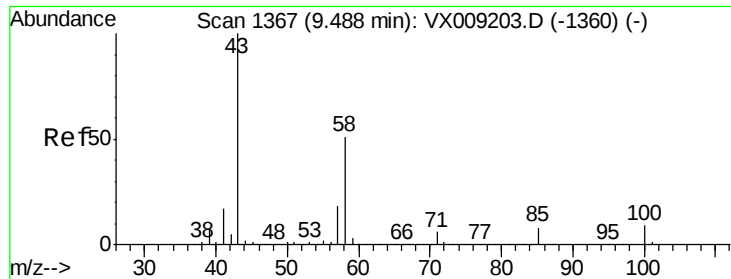
Tgt Ion: 63 Resp: 445416

Ion Ratio Lower Upper

63 100

106 24.9 19.7 29.5

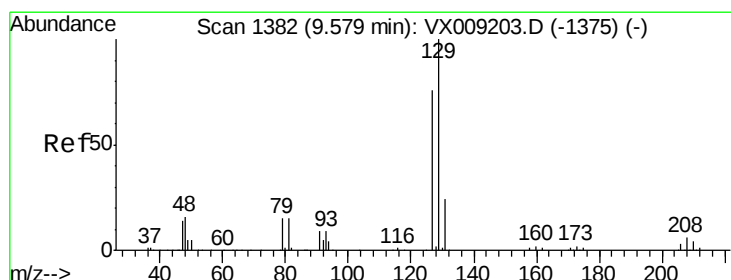
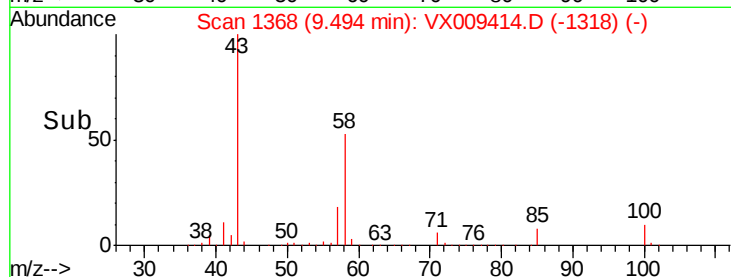
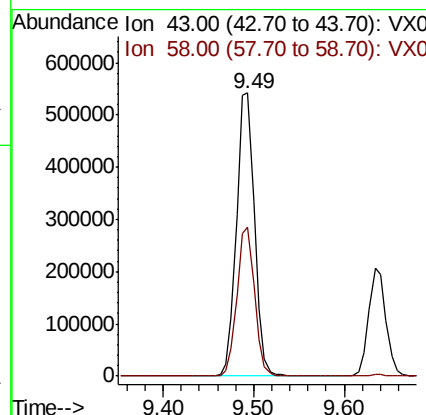
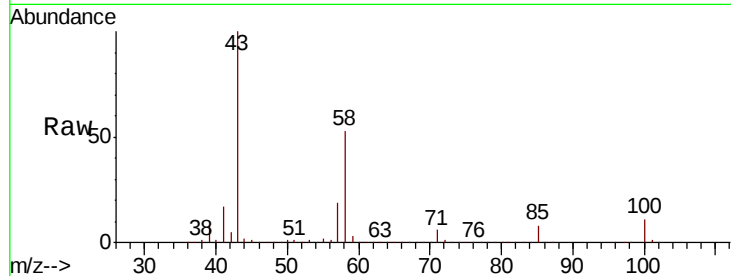




#59
2-Hexanone
Concen: 271.785 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

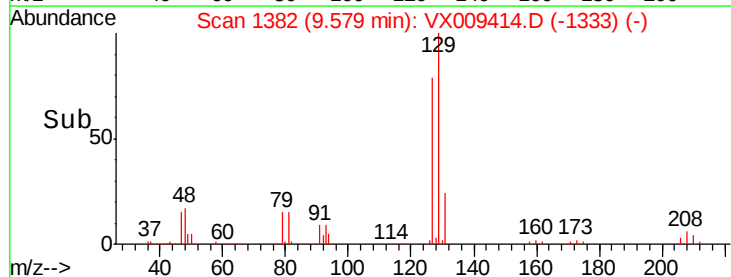
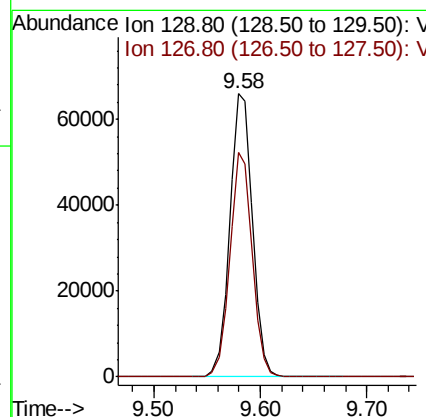
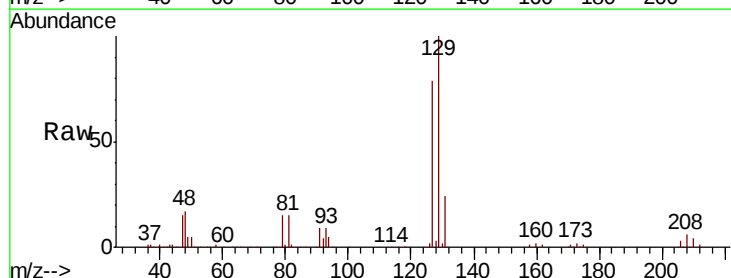
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

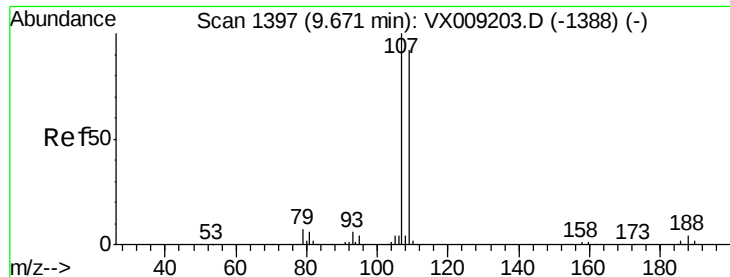
Tot Ion: 43 Resp: 748035
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.7



#60
Dibromochloromethane
Concen: 54.443 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 129 Resp: 98180
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.306 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

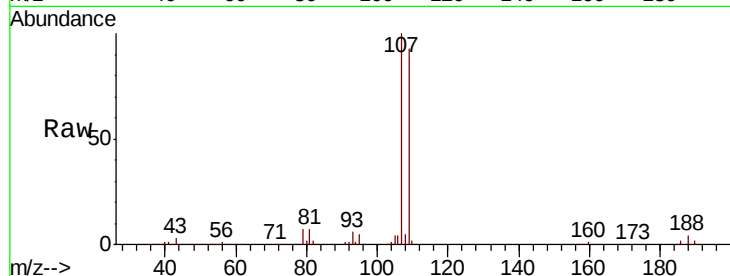
VSTDCCC050EC

Tot Ion:107 Resp: 101216

Ion Ratio Lower Upper

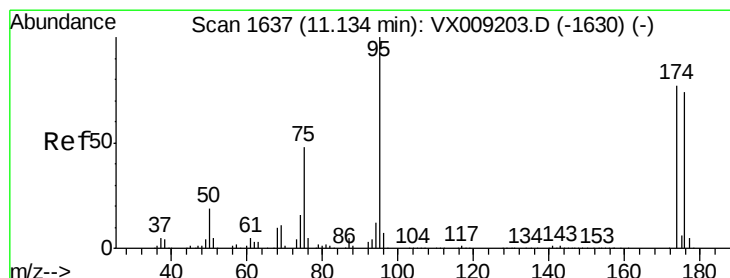
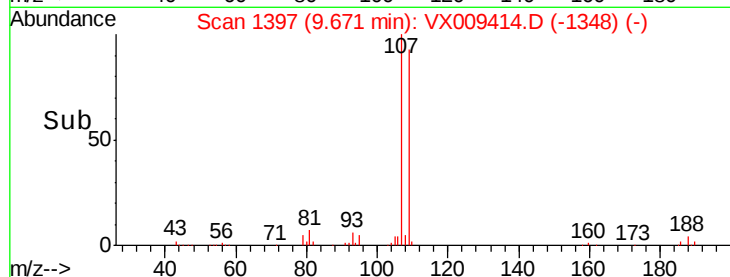
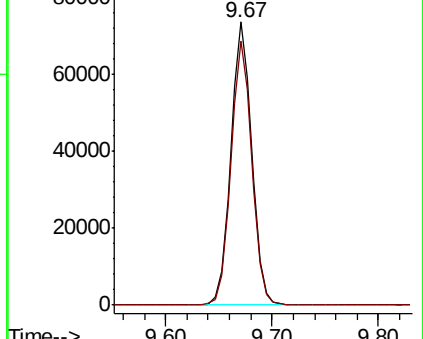
107 100

109 93.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.930 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

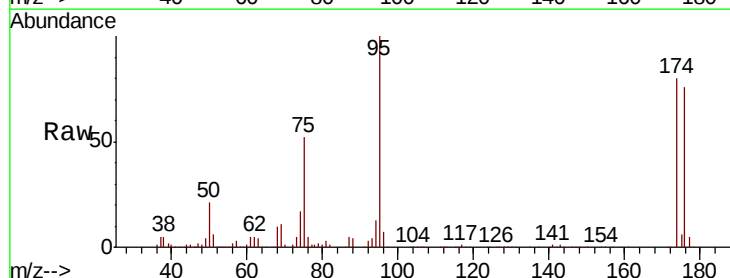
Tgt Ion: 95 Resp: 116810

Ion Ratio Lower Upper

95 100

174 83.7 0.0 161.6

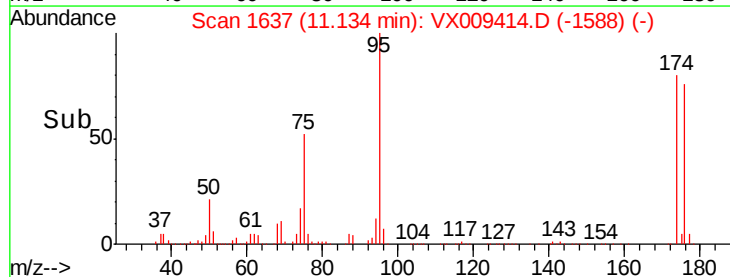
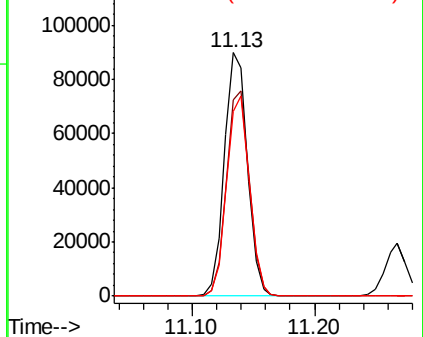
176 81.3 0.0 159.2

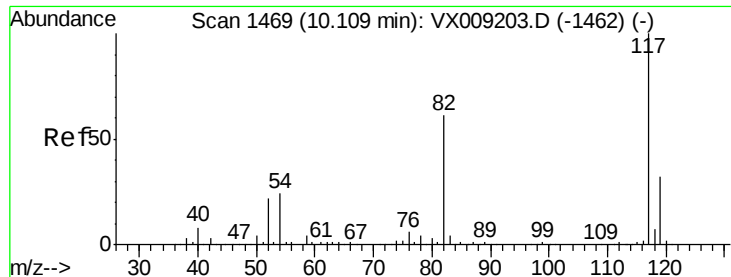


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

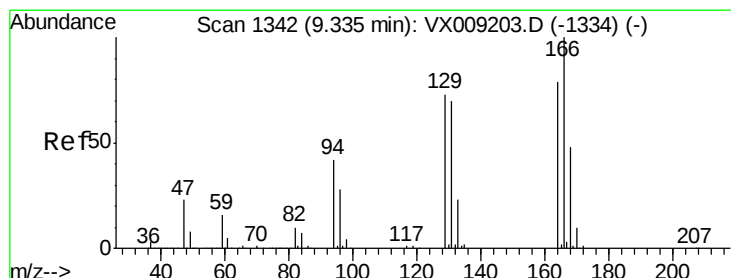
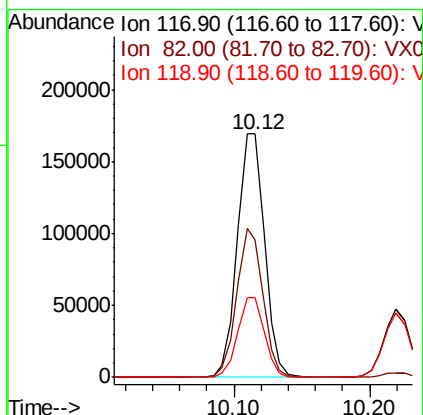
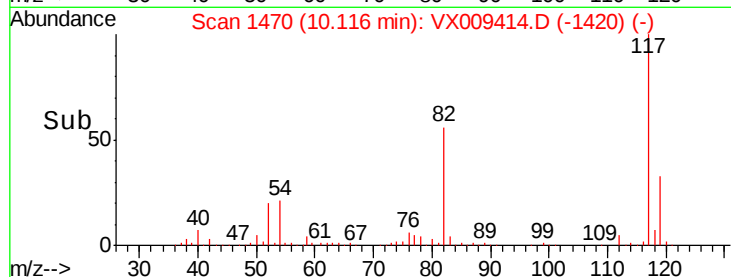
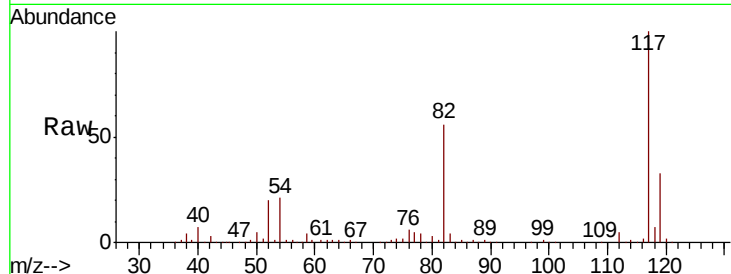




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

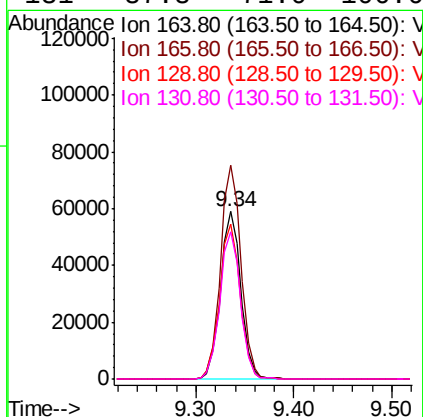
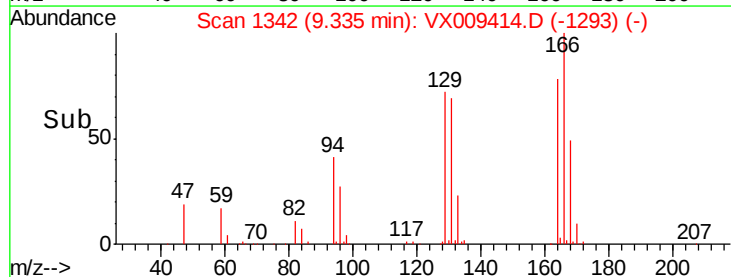
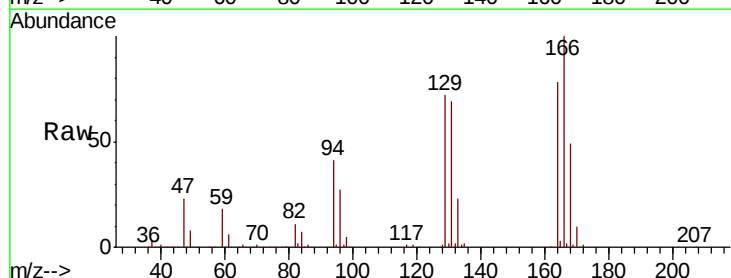
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

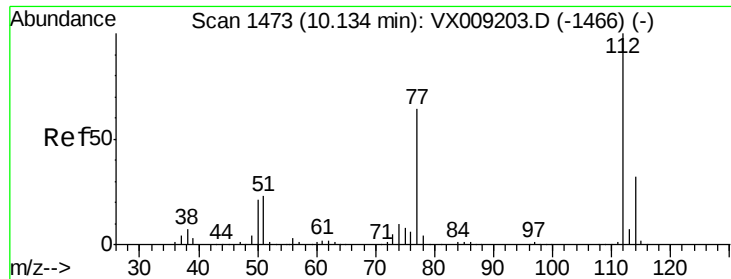
Tot Ion:117 Resp: 236664
Ion Ratio Lower Upper
117 100
82 56.3 48.8 73.2
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 52.253 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion:164 Resp: 84828
Ion Ratio Lower Upper
164 100
166 127.5 101.2 151.8
129 92.1 74.3 111.5
131 87.8 71.0 106.6

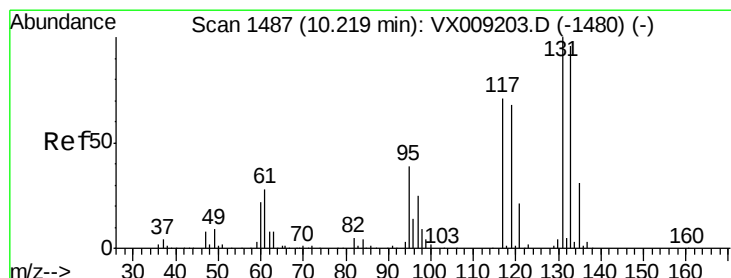
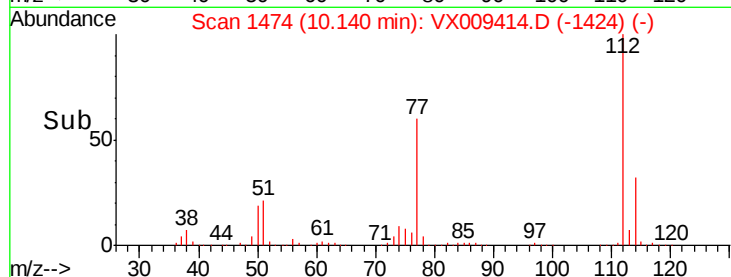
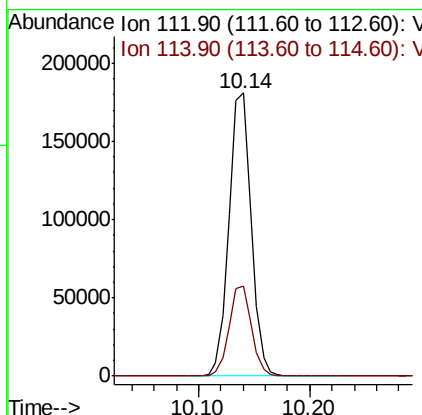
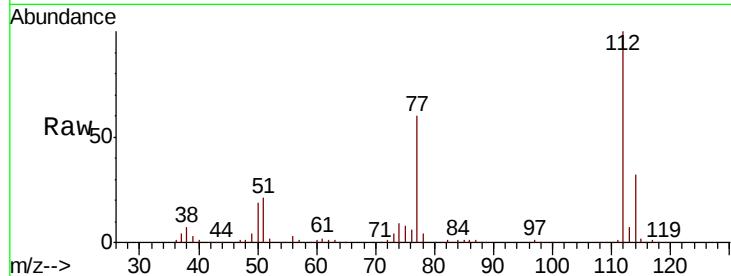




#65
Chlorobenzene
Concen: 53.043 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

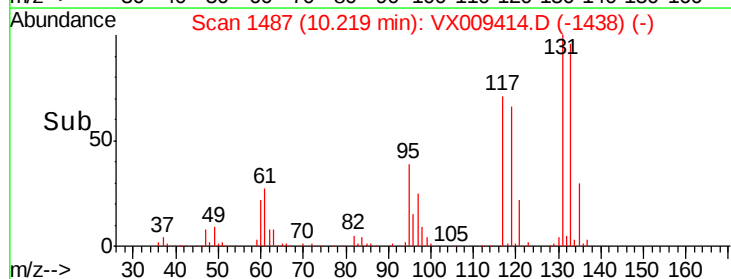
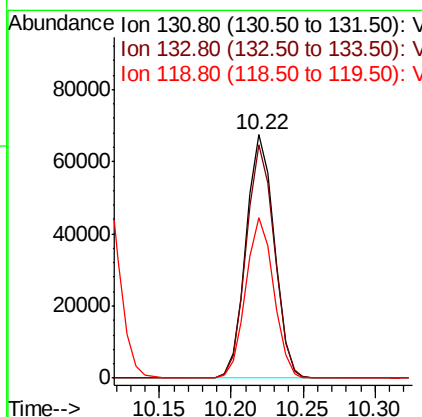
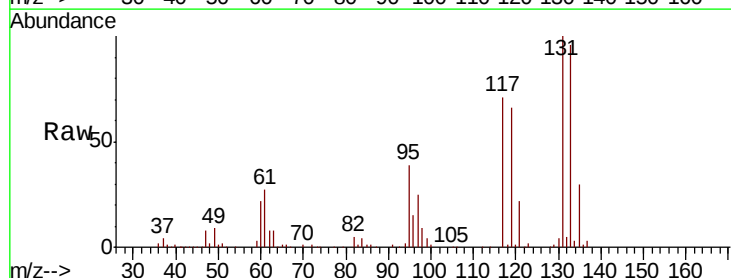
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

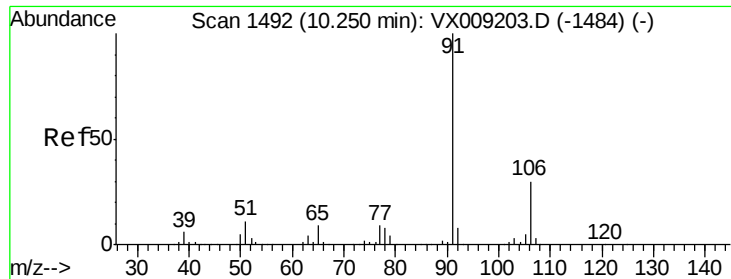
Tot Ion:112 Resp: 251123
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.140 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion:131 Resp: 91209
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 65.5 33.5 100.4

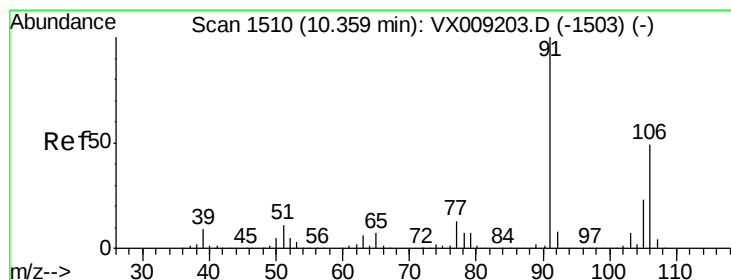
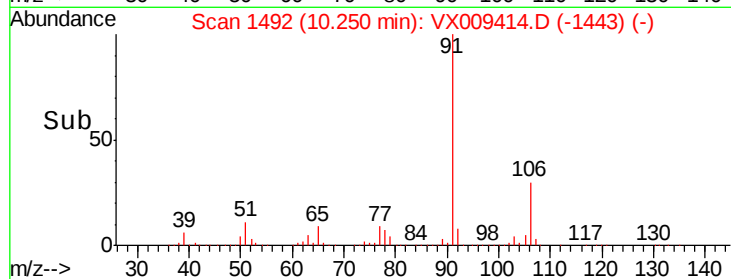
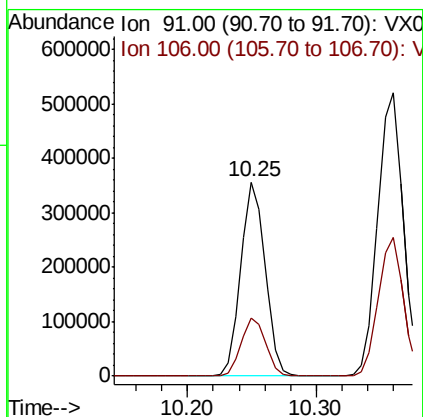
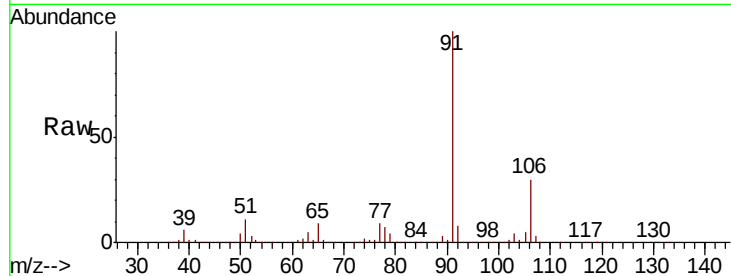




#67
Ethyl Benzene
Concen: 53.556 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

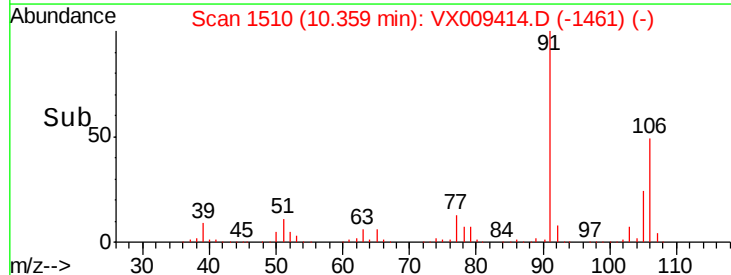
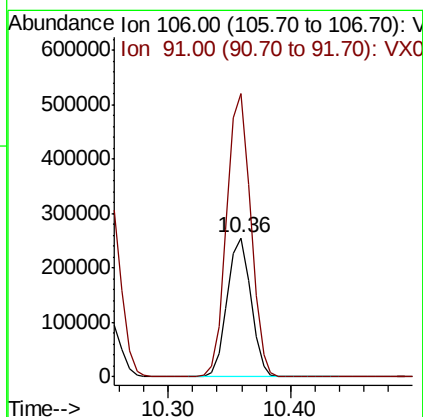
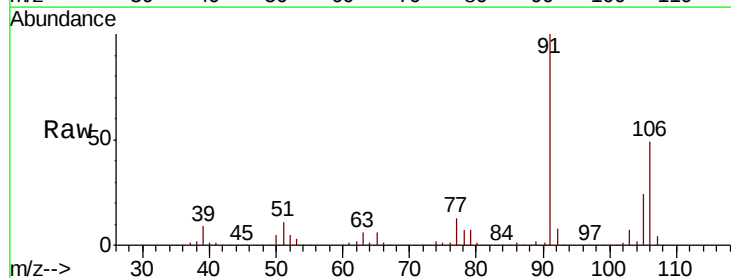
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

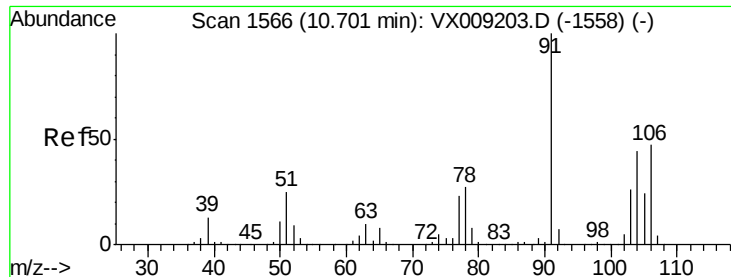
Tot Ion: 91 Resp: 466632
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 107.600 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 106 Resp: 342599
Ion Ratio Lower Upper
106 100
91 206.8 164.0 246.0

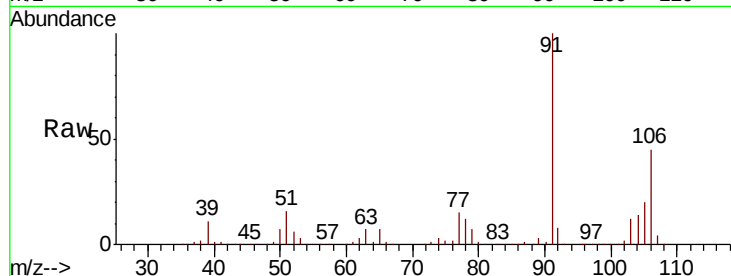




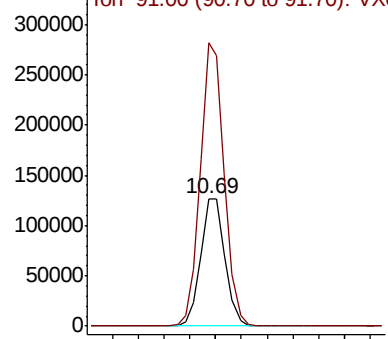
#69
o-Xylene
Concen: 53.529 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

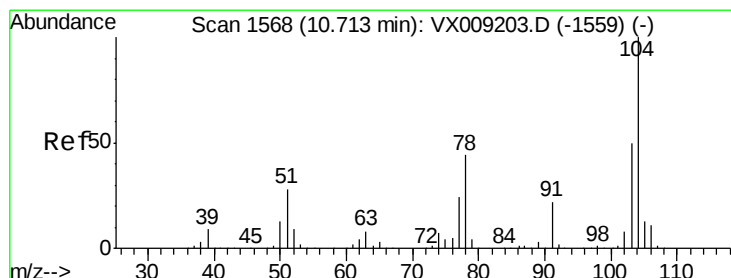
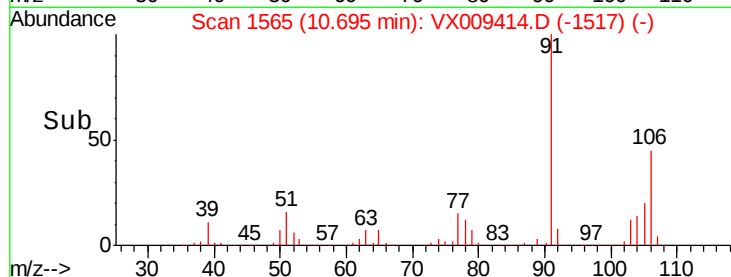
Tot Ion:106 Resp: 168160
Ion Ratio Lower Upper
106 100
91 217.8 109.5 328.4



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

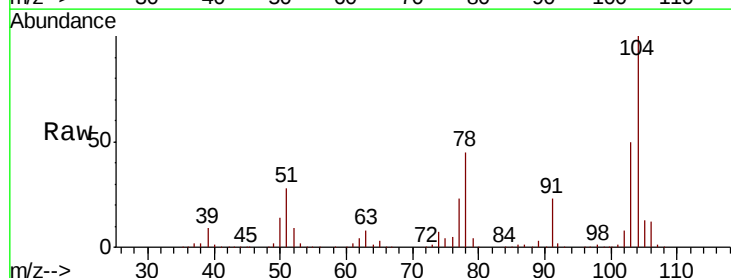


Time-->

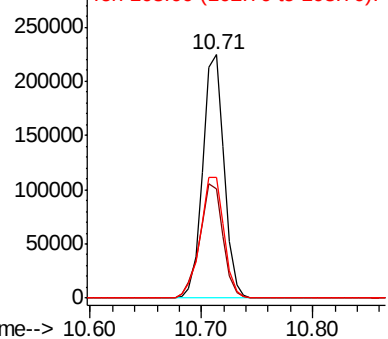


#70
Styrene
Concen: 54.355 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

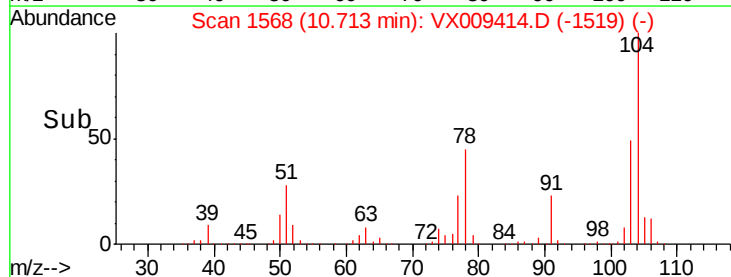
Tgt Ion:104 Resp: 296787
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 55.1 43.8 65.6

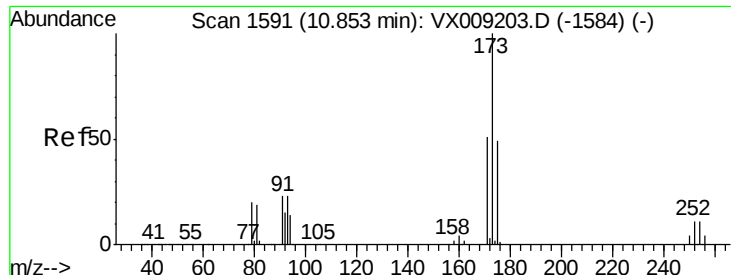


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 54.546 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

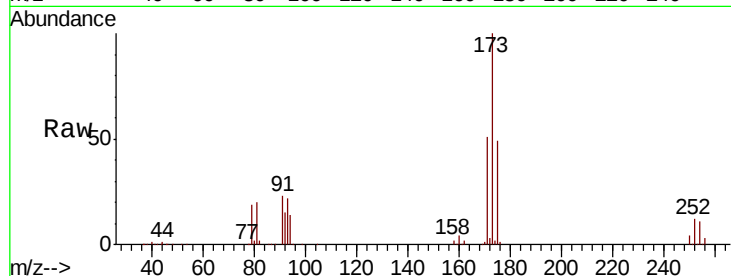
Tot Ion:173 Resp: 76082

Ion Ratio Lower Upper

173 100

175 48.6 24.5 73.5

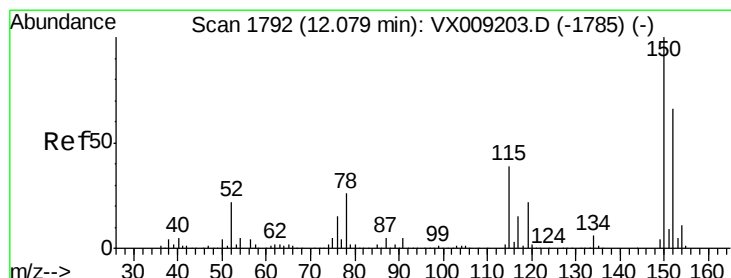
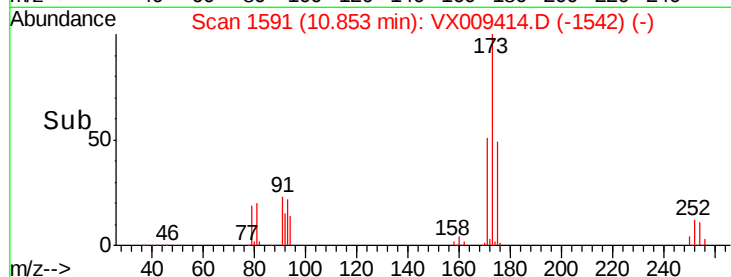
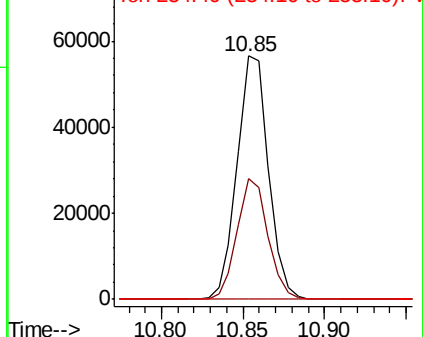
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

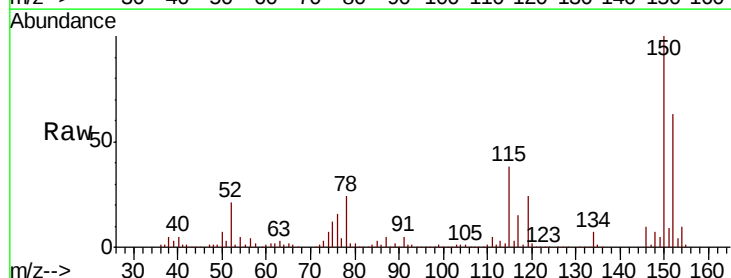
Tgt Ion:152 Resp: 119072

Ion Ratio Lower Upper

152 100

115 83.0 41.2 123.6

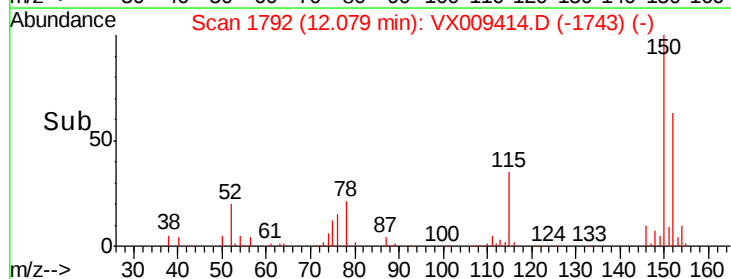
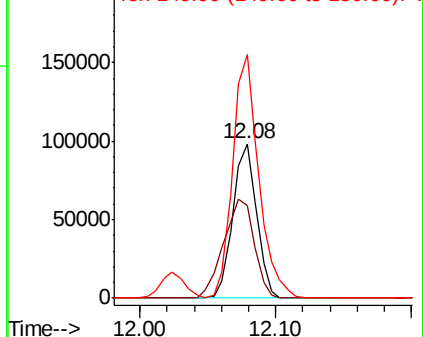
150 173.5 0.0 346.4

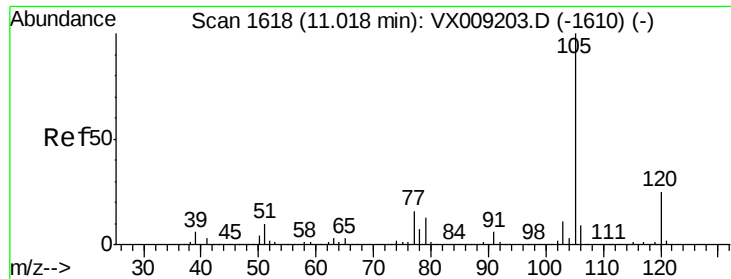


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.635 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

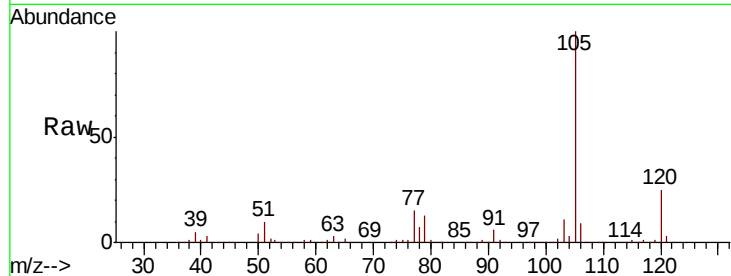
VSTDCCC050EC

Tot Ion:105 Resp: 447095

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

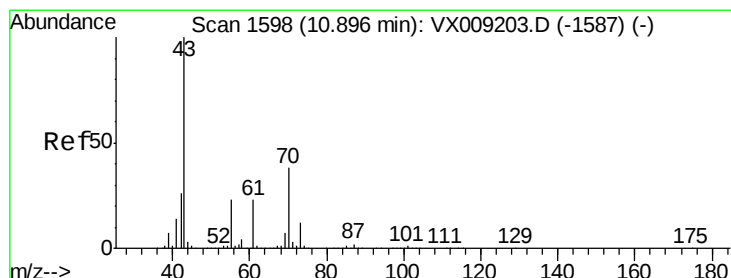
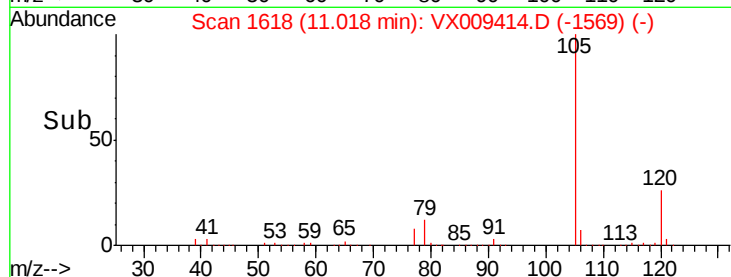
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.655 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Tgt Ion: 43 Resp: 275908

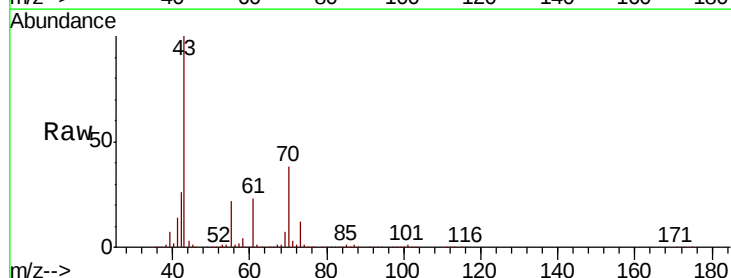
Ion Ratio Lower Upper

43 100

70 37.6 30.0 45.0

55 22.2 17.9 26.9

61 22.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

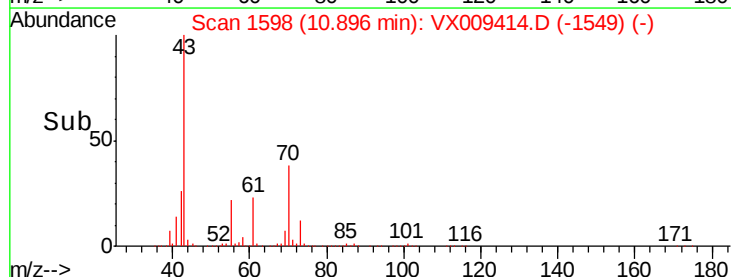
300000

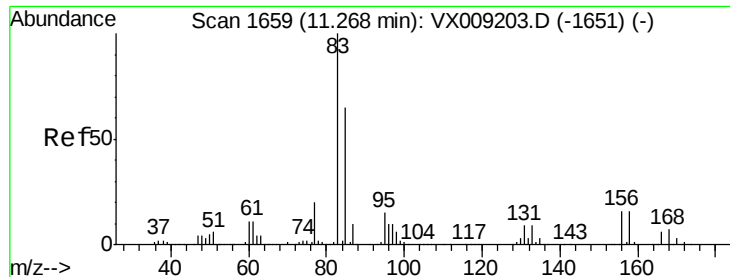
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 51.826 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

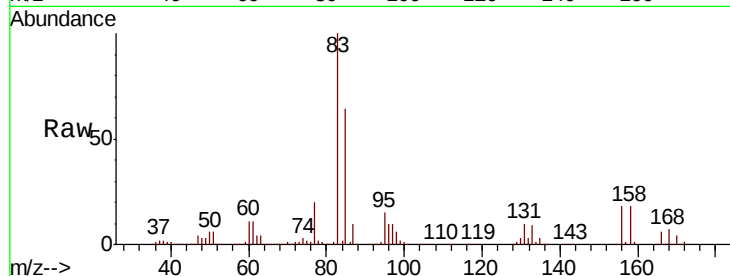
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 167287

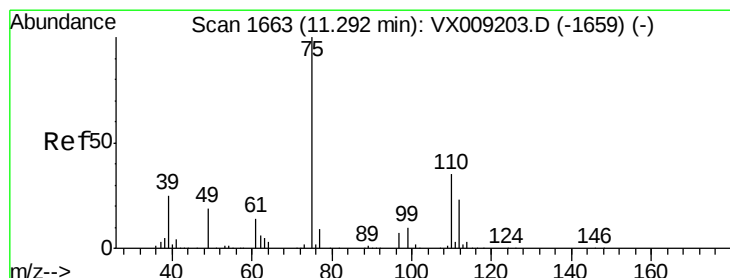
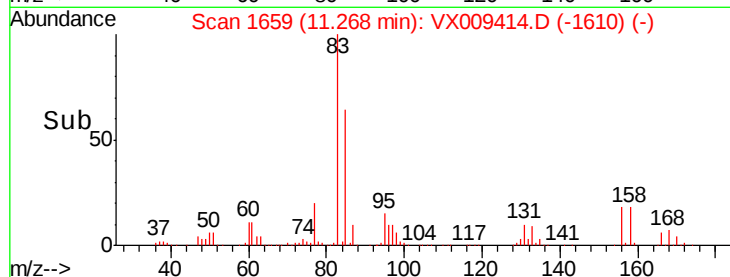
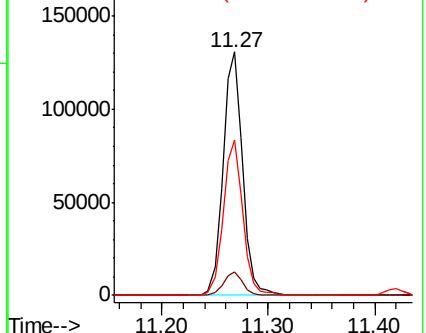
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.6	13.8
85	63.8	32.0	96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.165 ug/l

RT: 11.29 min Scan# 1663

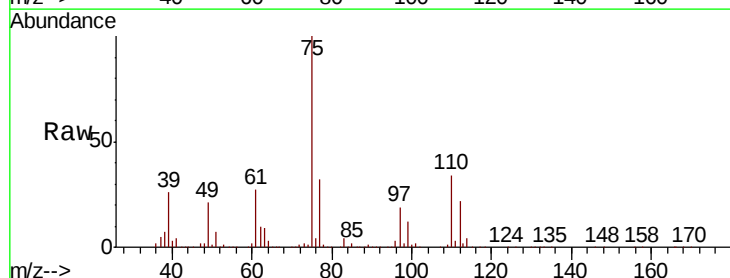
Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

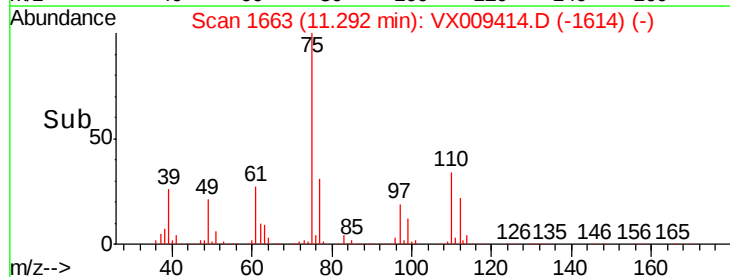
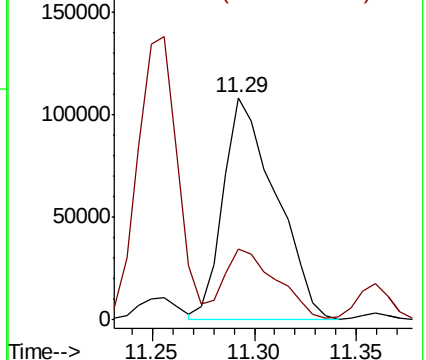
Tgt Ion: 75 Resp: 193799

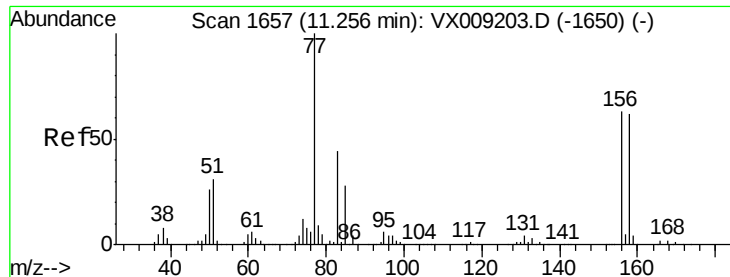
Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.324 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

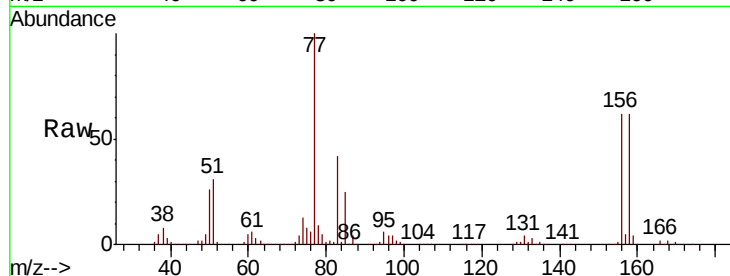
Tot Ion:156 Resp: 112453

Ion Ratio Lower Upper

156 100

77 165.6 84.8 254.3

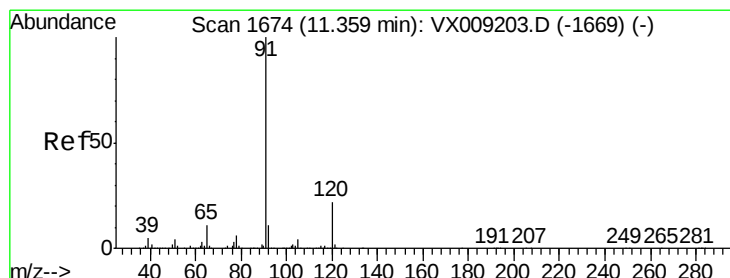
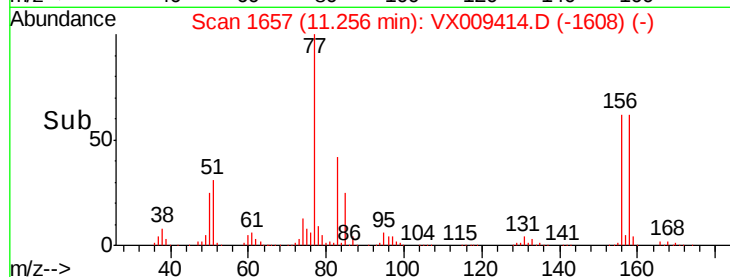
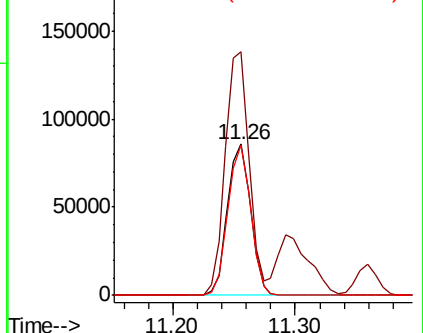
158 97.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.117 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009414.D

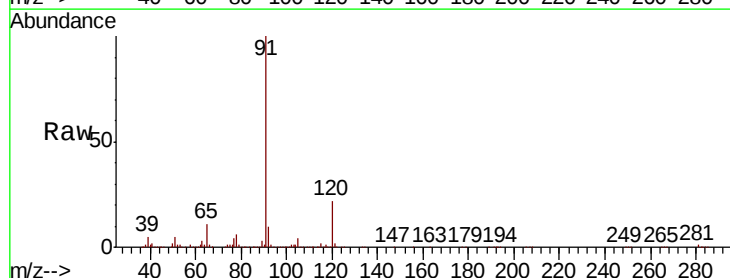
Acq: 08 May 2019 21:25

Tgt Ion: 91 Resp: 515370

Ion Ratio Lower Upper

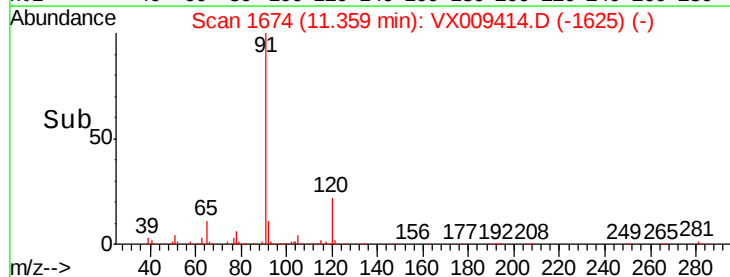
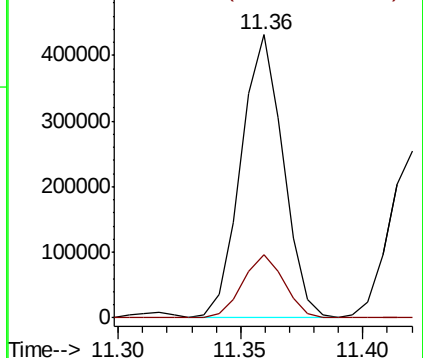
91 100

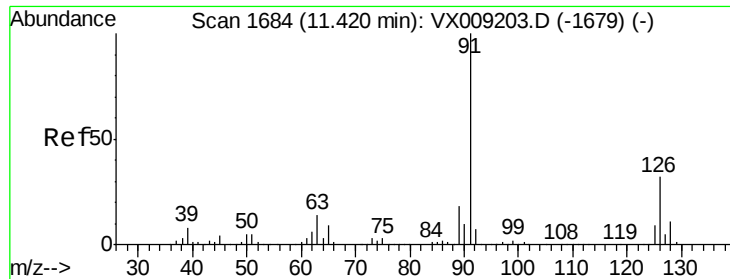
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.469 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

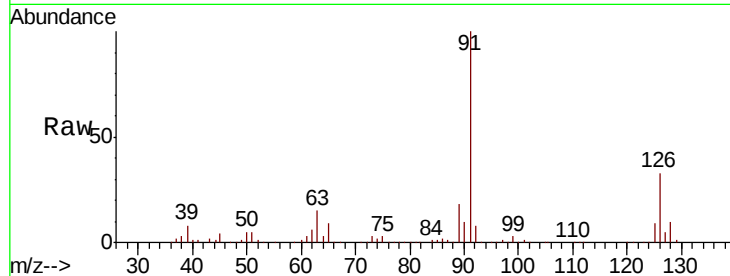
VSTDCCC050EC

Tot Ion: 91 Resp: 307906

Ion Ratio Lower Upper

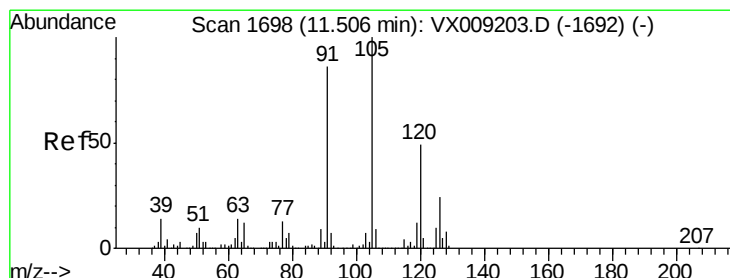
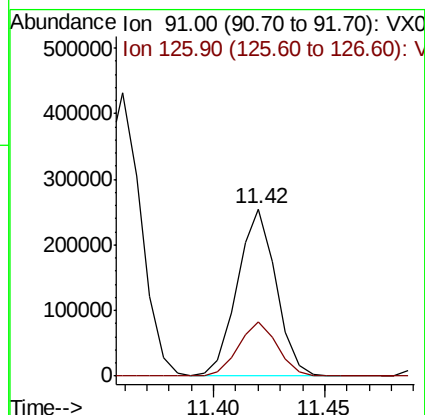
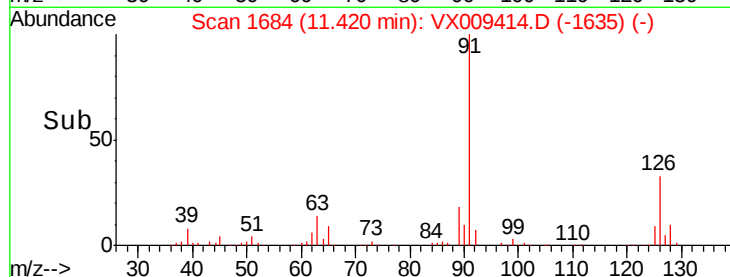
91 100

126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009414.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX009414.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.939 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009414.D

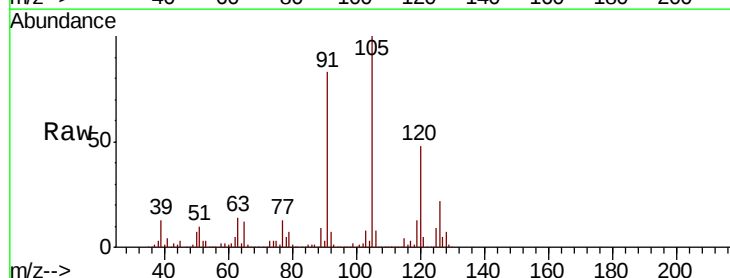
Acq: 08 May 2019 21:25

Tgt Ion: 105 Resp: 378674

Ion Ratio Lower Upper

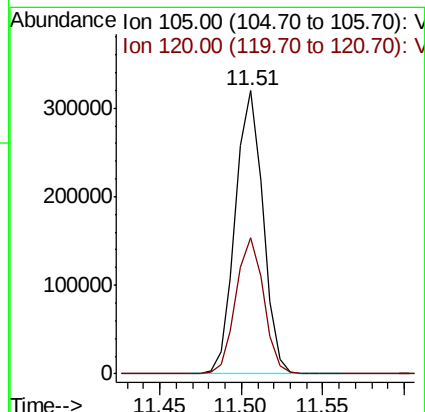
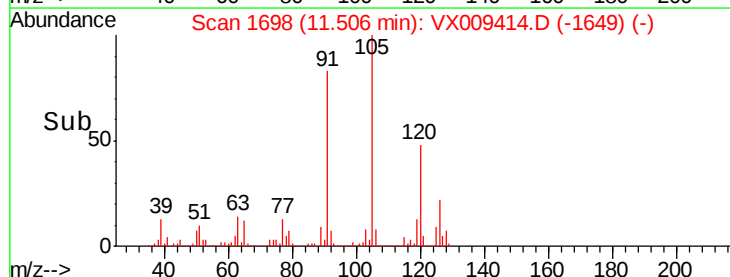
105 100

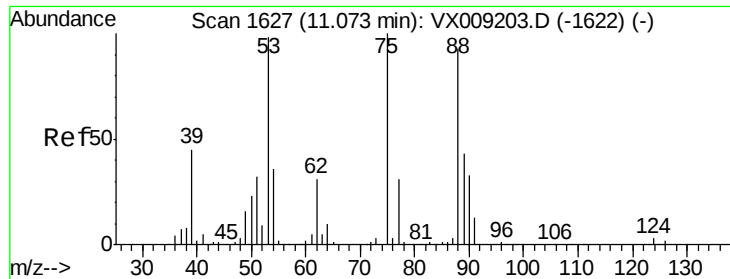
120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009414.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX009414.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.433 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

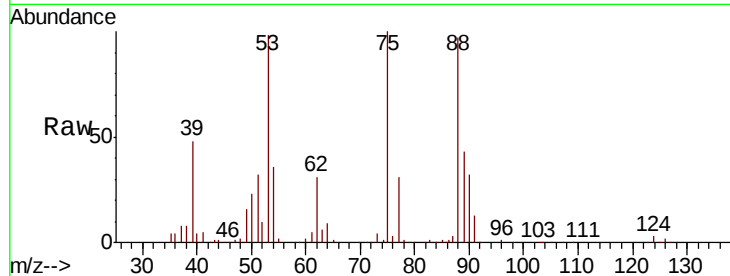
Tot Ion: 75 Resp: 53363

Ion Ratio Lower Upper

75 100

53 100.9 79.0 118.6

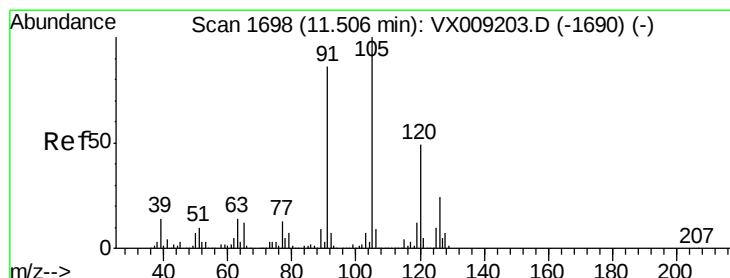
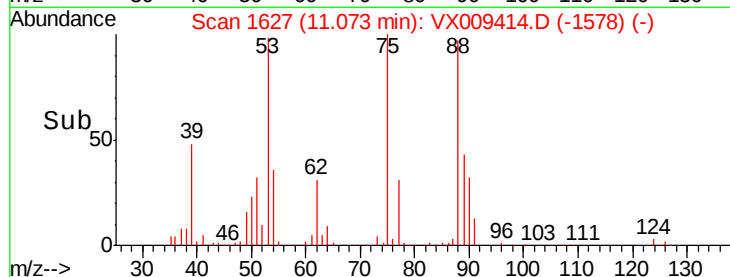
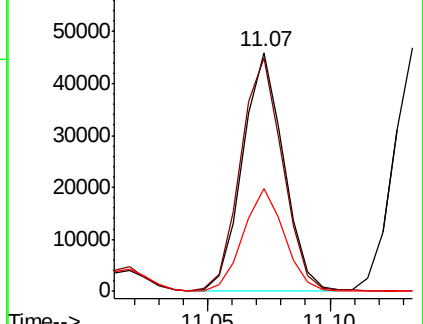
89 43.4 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.347 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009414.D

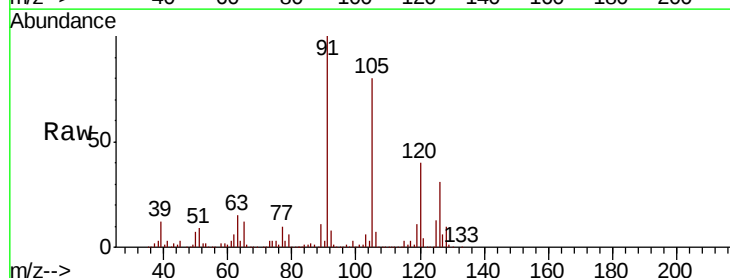
Acq: 08 May 2019 21:25

Tgt Ion: 91 Resp: 353896

Ion Ratio Lower Upper

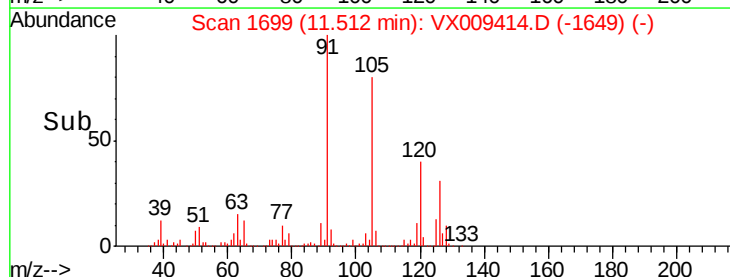
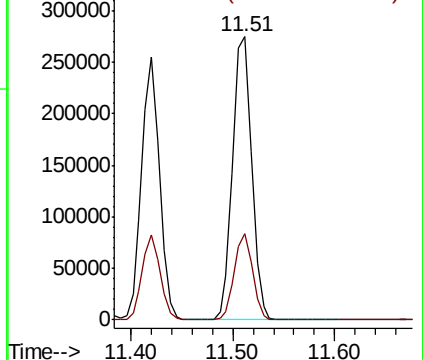
91 100

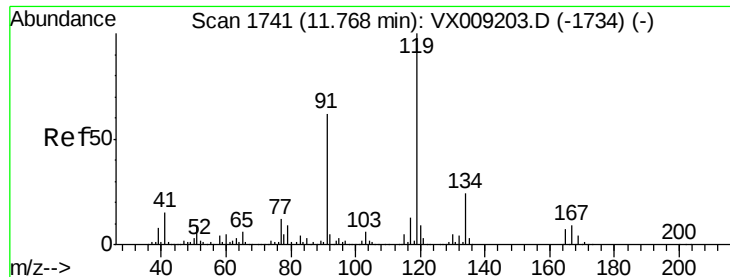
126 29.3 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

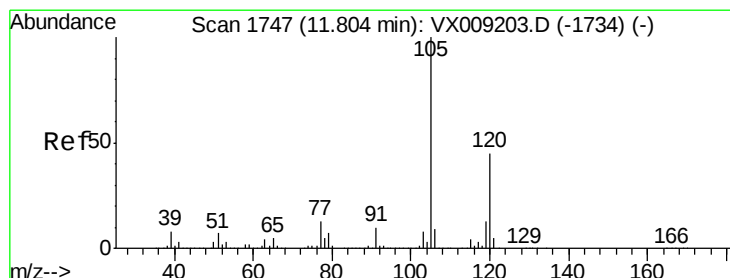
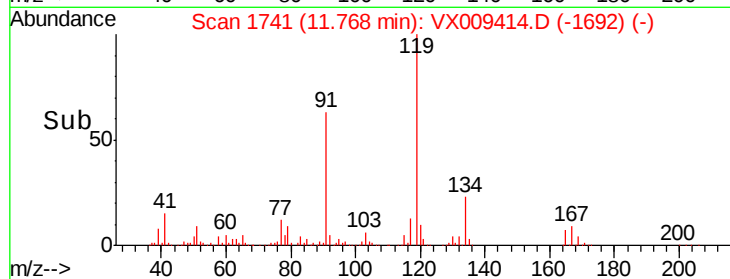
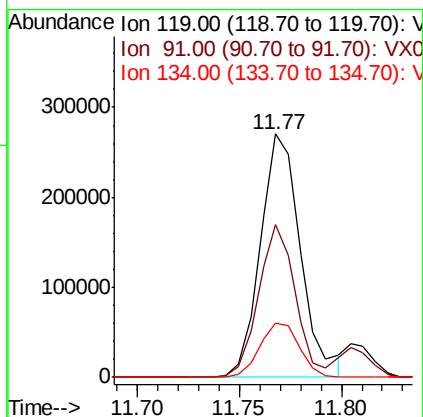
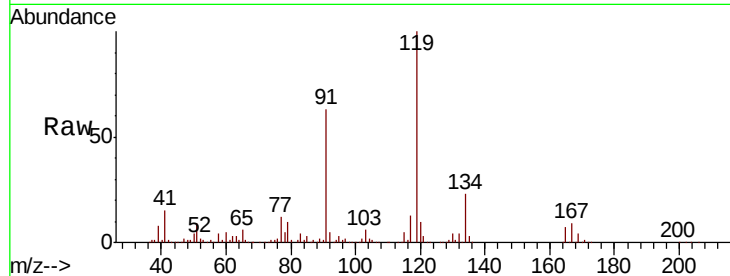




#83
tert-Butylbenzene
Concen: 52.373 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

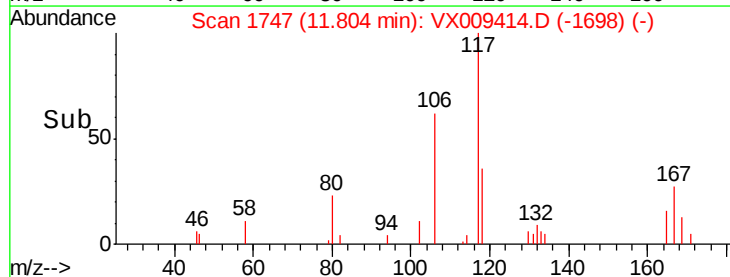
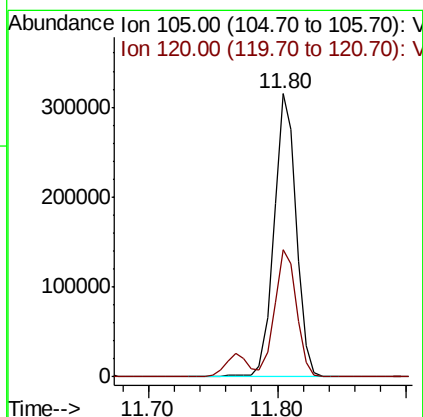
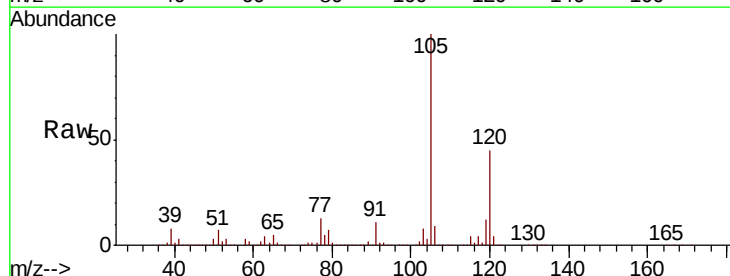
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

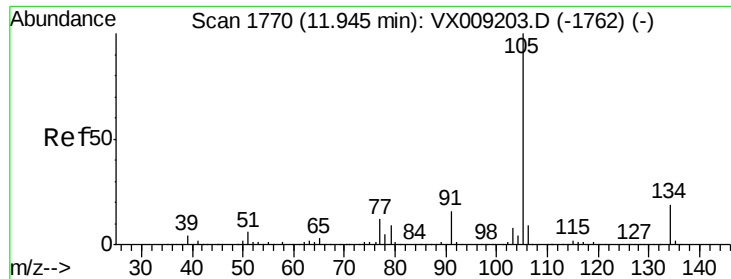
Tot Ion:119 Resp: 371450
Ion Ratio Lower Upper
119 100
91 57.5 29.5 88.5
134 22.0 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 51.865 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion:105 Resp: 379547
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 51.628 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

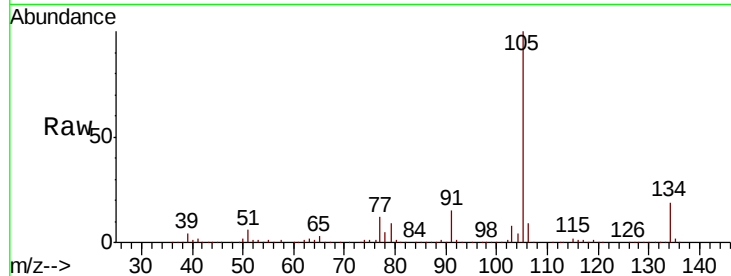
VSTDCCC050EC

Tot Ion:105 Resp: 434116

Ion Ratio Lower Upper

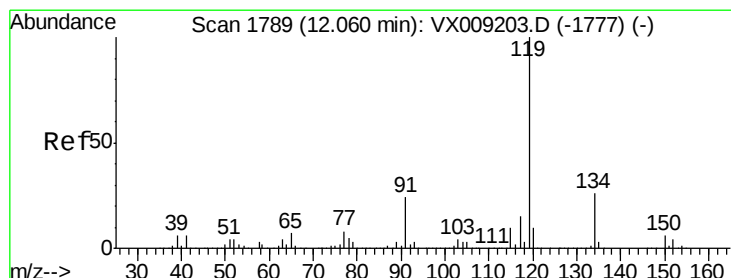
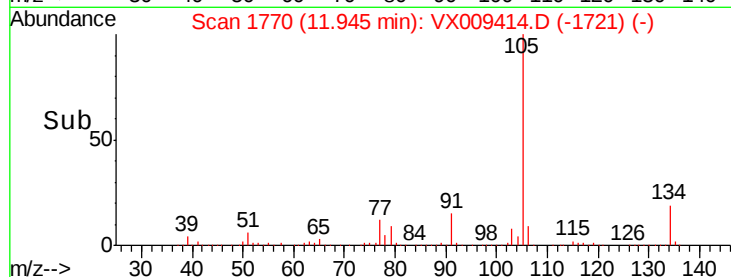
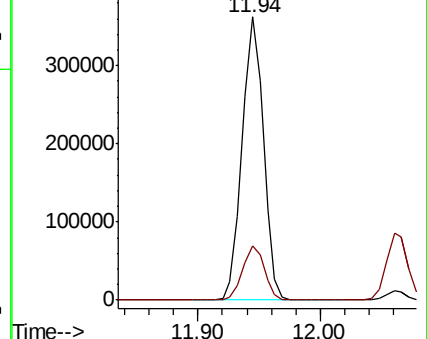
105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.916 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

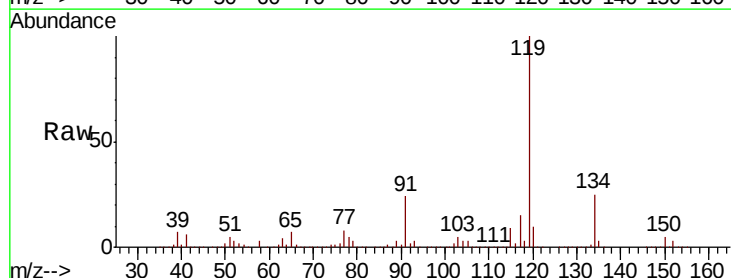
Tgt Ion:119 Resp: 407566

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

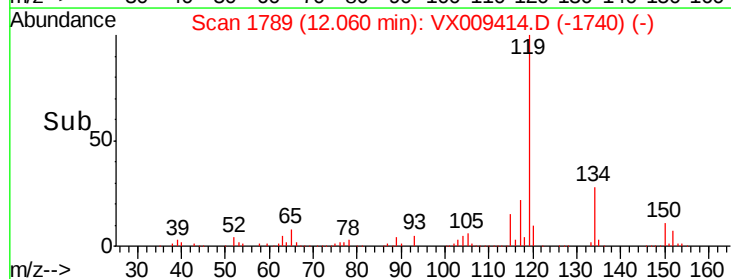
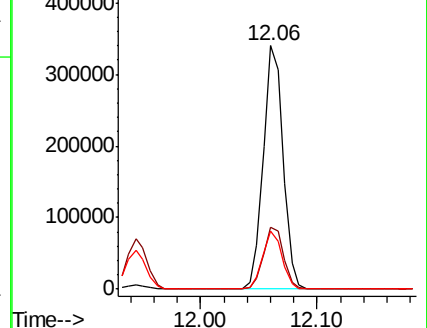
91 23.5 11.8 35.4

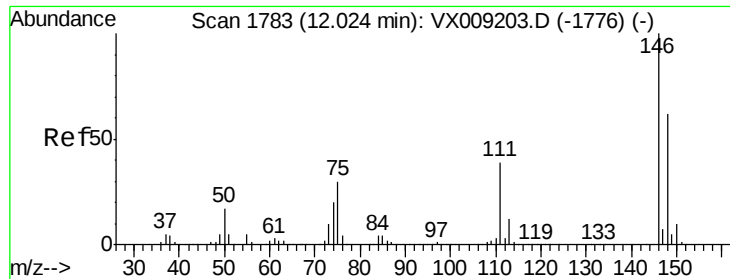


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.943 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

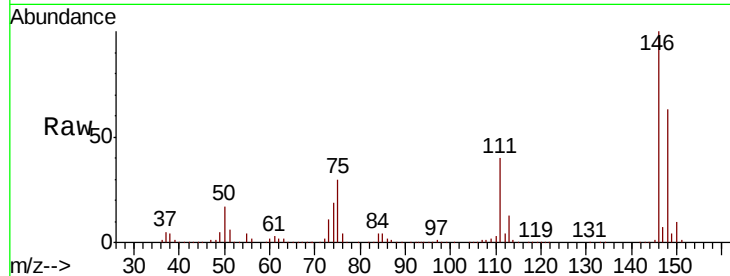
Tot Ion:146 Resp: 199006

Ion Ratio Lower Upper

146 100

111 39.8 20.0 59.9

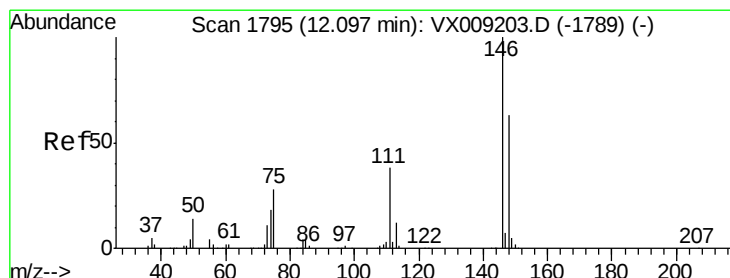
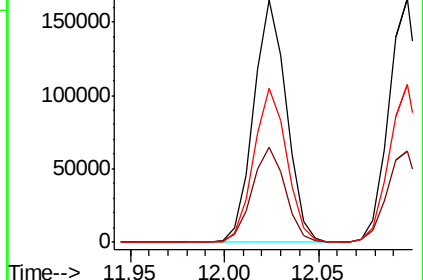
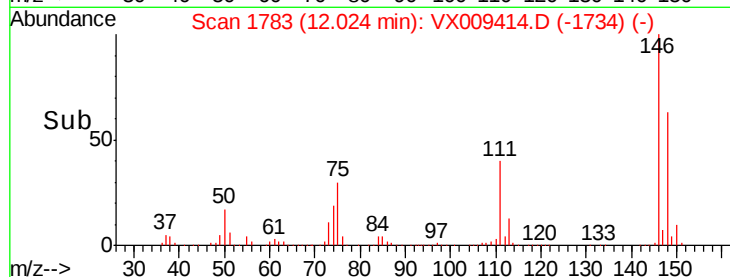
148 63.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.859 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009414.D

Acq: 08 May 2019 21:25

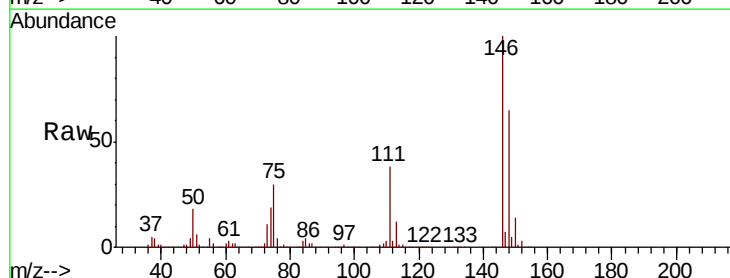
Tgt Ion:146 Resp: 200311

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.8

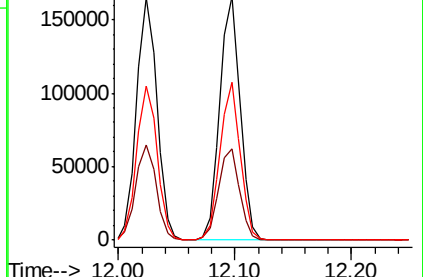
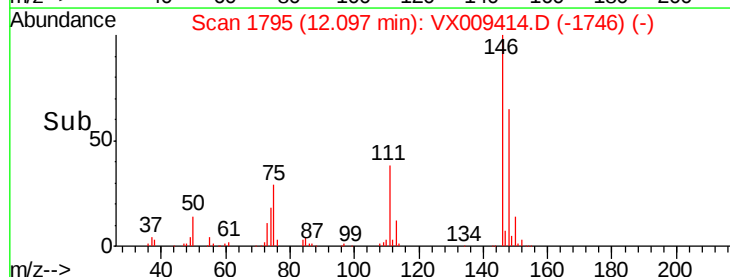
148 63.8 31.8 95.3

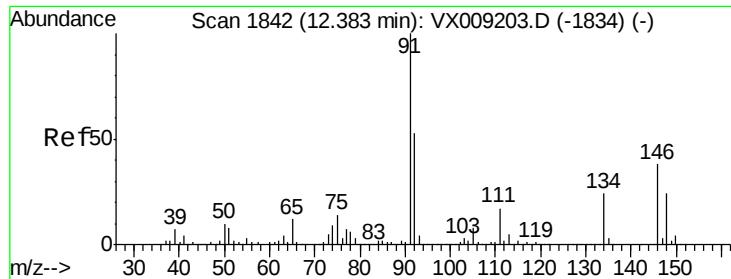


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

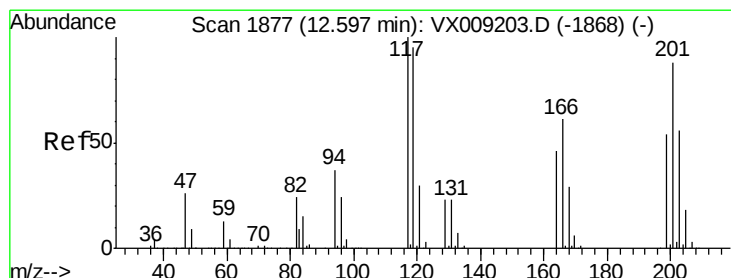
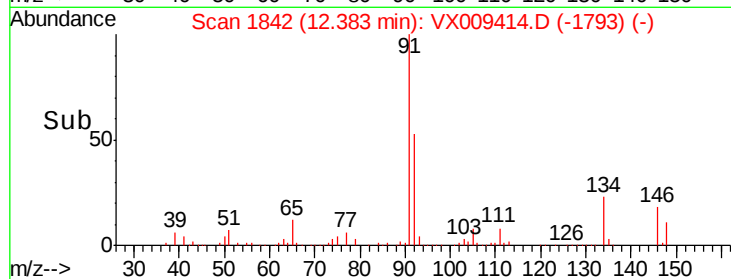
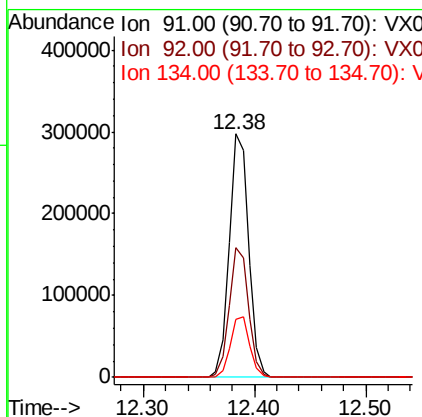
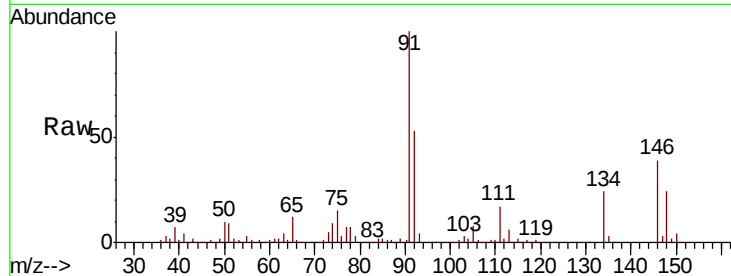




#89
n-Butylbenzene
Concen: 52.280 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

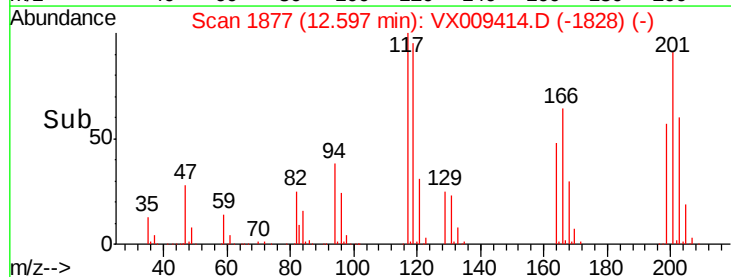
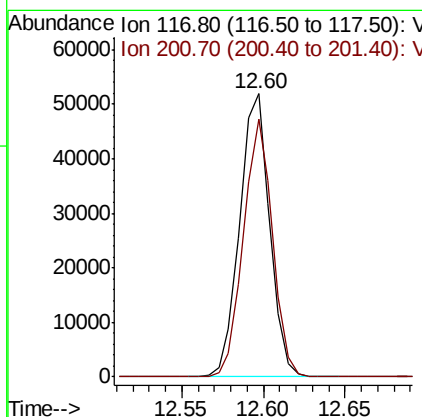
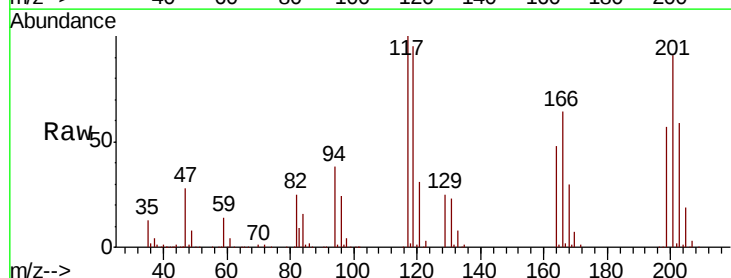
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

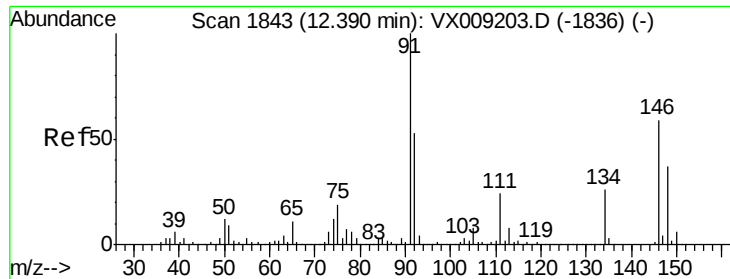
Tot Ion: 91 Resp: 357193
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 51.759 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion: 117 Resp: 66657
Ion Ratio Lower Upper
117 100
201 88.0 42.3 126.9

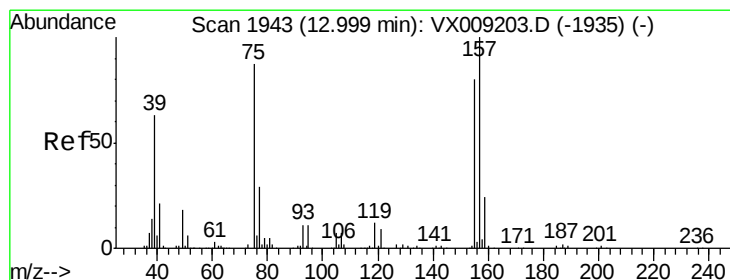
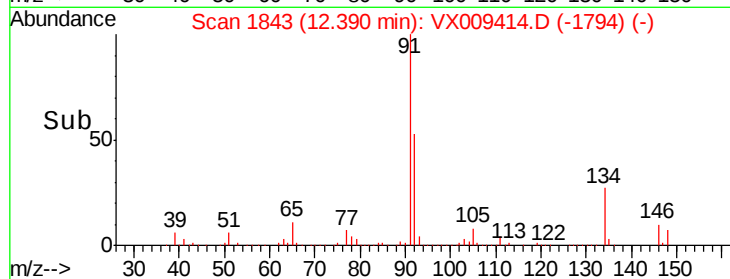
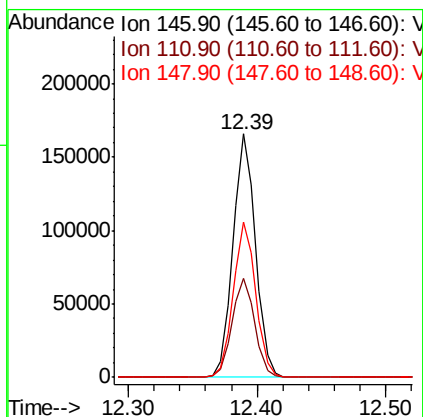
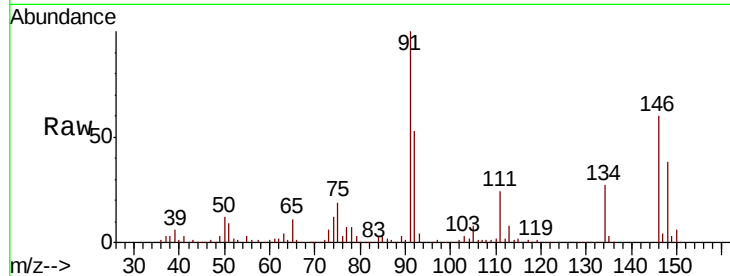




#91
 1,2-Dichlorobenzene
 Concen: 51.875 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

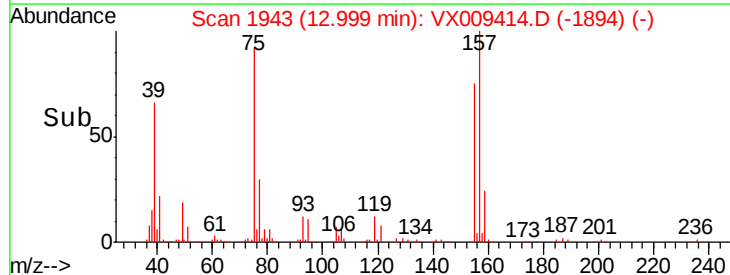
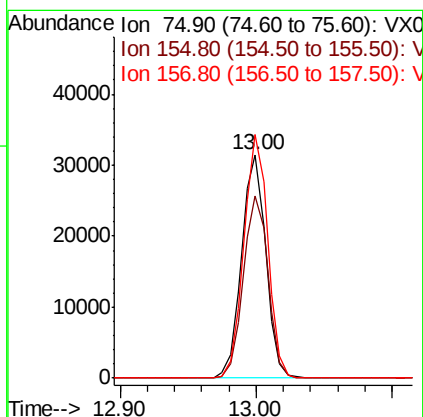
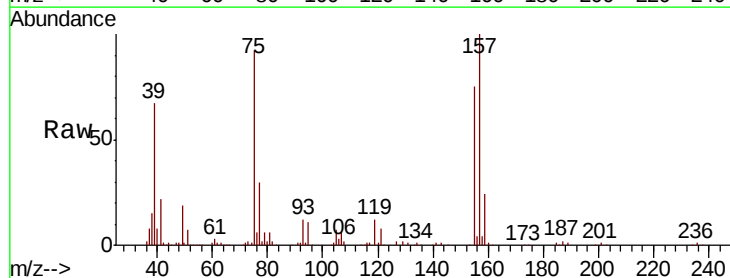
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

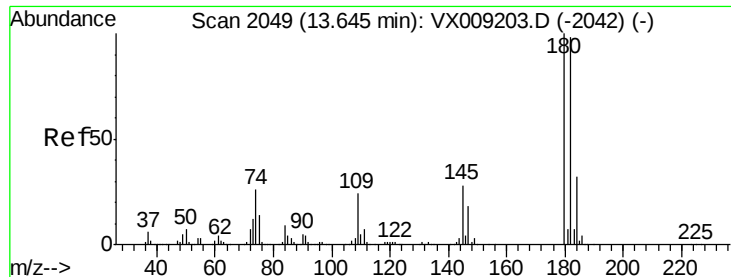
Tot Ion:146 Resp: 202431
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.4
 148 63.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.958 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

Tgt Ion: 75 Resp: 39071
 Ion Ratio Lower Upper
 75 100
 155 83.3 42.0 126.0
 157 107.7 53.2 159.6

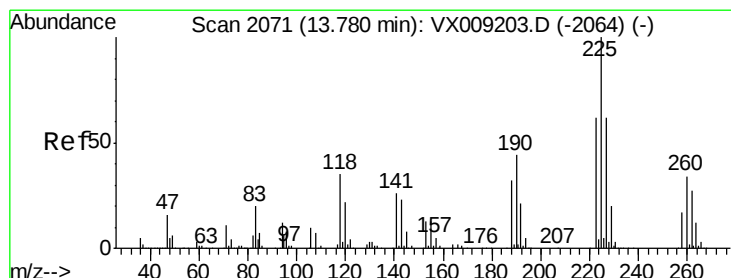
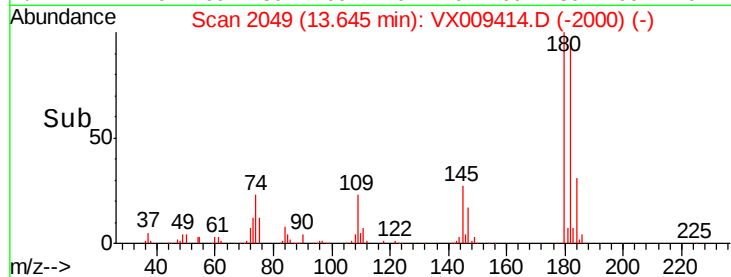
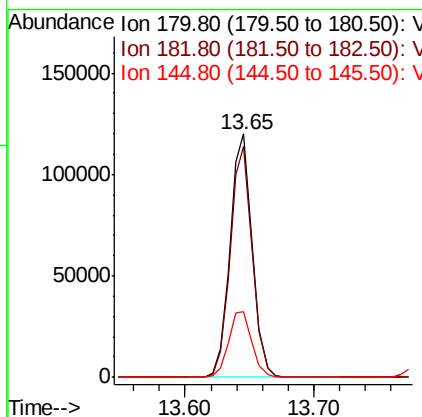
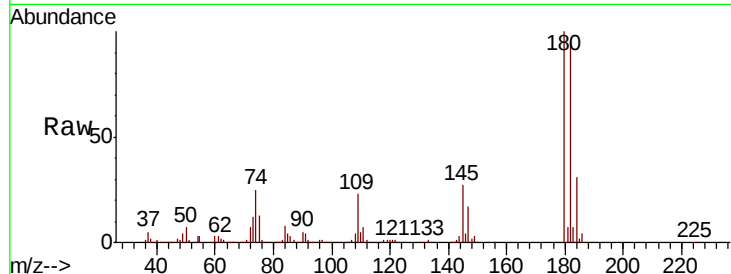




#93
 1,2,4-Trichlorobenzene
 Concen: 54.071 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

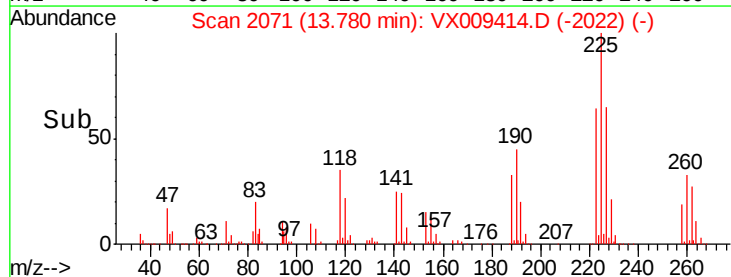
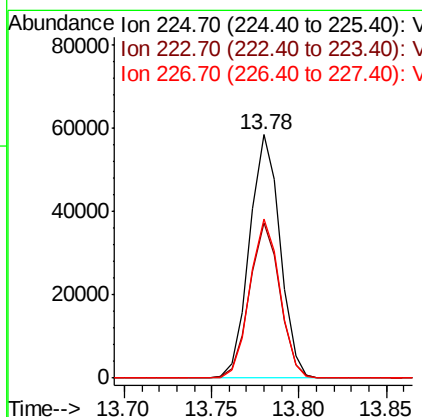
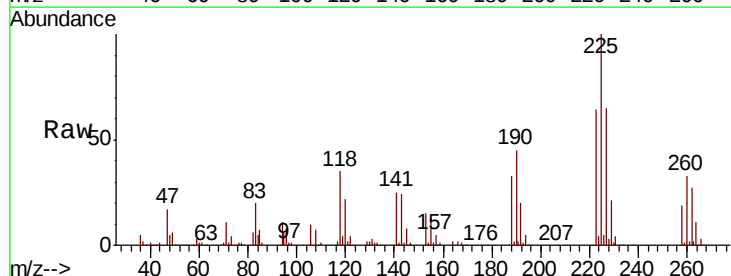
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

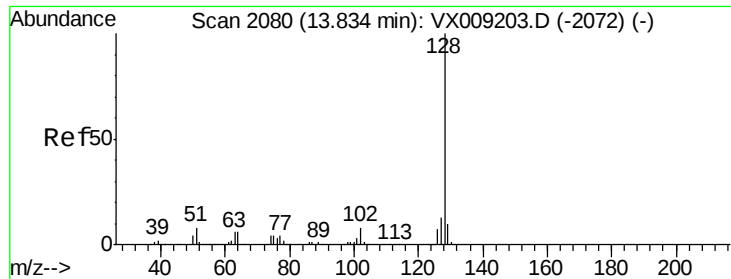
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.4	145.2
145	28.8	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 52.174 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009414.D
 Acq: 08 May 2019 21:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	64.1	31.8	95.3

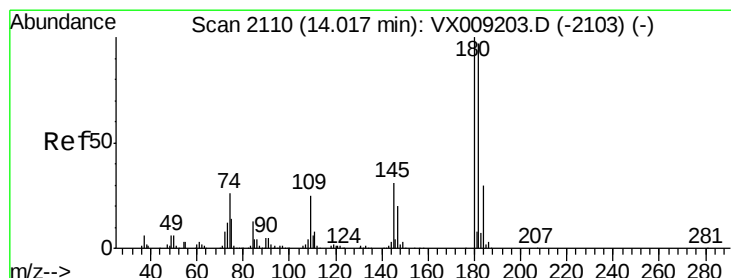
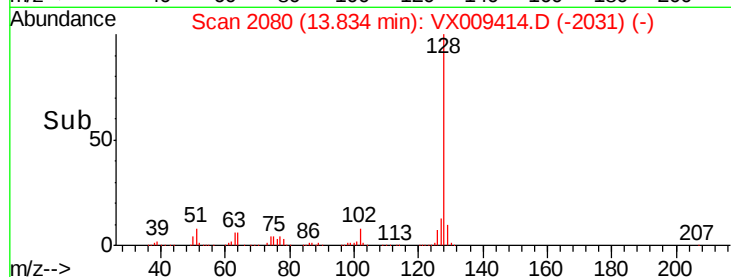
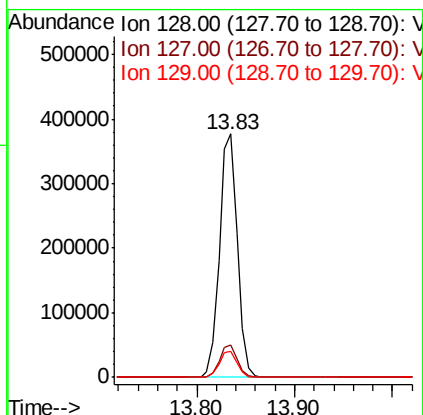
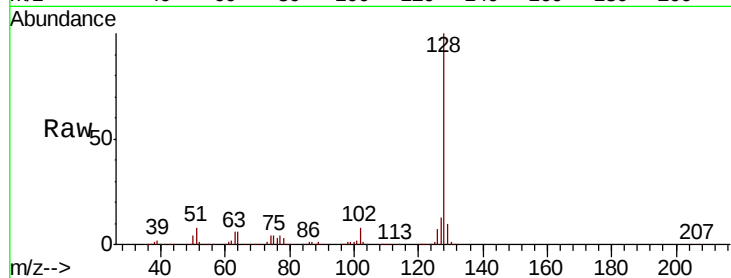




#95
Naphthalene
Concen: 54.623 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 474229
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.912 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009414.D
Acq: 08 May 2019 21:25

Tgt Ion:180 Resp: 145831
Ion Ratio Lower Upper
180 100
182 94.5 47.8 143.4
145 30.6 15.4 46.4

