

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050819\
 Data File : VX009390.D
 Acq On : 08 May 2019 11:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 06:26:16 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	173264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104732	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
35) Dibromofluoromethane	5.49	113	79092	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
50) Toluene-d8	8.71	98	321095	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.13	95	119212	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78891	49.410	ug/l	99
3) Chloromethane	1.32	50	110346	50.621	ug/l	99
4) Vinyl Chloride	1.41	62	111377	52.397	ug/l	99
5) Bromomethane	1.64	94	60731	47.601	ug/l	96
6) Chloroethane	1.71	64	71477	52.374	ug/l	98
7) Trichlorofluoromethane	1.92	101	139587	54.024	ug/l	97
8) Diethyl Ether	2.18	74	63697	52.044	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87219	53.754	ug/l	99
10) Methyl Iodide	2.51	142	73076	39.795	ug/l	99
11) Tert butyl alcohol	3.05	59	144719	264.327	ug/l	99
12) 1,1-Dichloroethene	2.37	96	86636	53.291	ug/l	99
13) Acrolein	2.29	56	115866	233.679	ug/l	100
14) Allyl chloride	2.72	41	203751	51.428	ug/l	100
15) Acrylonitrile	3.14	53	341481	255.088	ug/l	100
16) Acetone	2.45	43	355384	279.818	ug/l	100
17) Carbon Disulfide	2.56	76	258859	56.714	ug/l	100
18) Methyl Acetate	2.77	43	141765	46.935	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	326659	51.743	ug/l	99
20) Methylene Chloride	2.85	84	103664	50.411	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	95227	54.011	ug/l	99
22) Diisopropyl ether	3.85	45	392219	51.478	ug/l	98
23) Vinyl Acetate	3.81	43	1777975	272.513	ug/l	100
24) 1,1-Dichloroethane	3.70	63	191756	51.018	ug/l	99
25) 2-Butanone	4.67	43	530336	268.712	ug/l	100
26) 2,2-Dichloropropane	4.58	77	148924	53.231	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108842	51.720	ug/l	100
28) Bromochloromethane	5.01	49	61512	40.113	ug/l	100
29) Tetrahydrofuran	5.12	42	333164	262.330	ug/l	100
30) Chloroform	5.21	83	176093	51.801	ug/l	97
31) Cyclohexane	5.57	56	193310	55.280	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	148366	52.428	ug/l	99
36) 1,1-Dichloropropene	5.79	75	138885	55.641	ug/l	100
37) Ethyl Acetate	4.83	43	192902	55.466	ug/l	100
38) Carbon Tetrachloride	5.78	117	126646	55.843	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181699	59.273	ug/l	98
40) Benzene	6.14	78	421550	54.569	ug/l	100
41) Methacrylonitrile	5.04	41	105777	51.094	ug/l	98
42) 1,2-Dichloroethane	6.19	62	148913	53.738	ug/l	100
43) Isopropyl Acetate	6.44	43	304716	54.776	ug/l	100
44) Trichloroethene	7.21	130	102016	54.626	ug/l	100
45) 1,2-Dichloropropane	7.51	63	119192	54.490	ug/l	97
46) Dibromomethane	7.66	93	68292	53.763	ug/l	100
47) Bromodichloromethane	7.90	83	139035	54.872	ug/l	97
48) Methyl methacrylate	7.77	41	153806	55.728	ug/l	99
49) 1,4-Dioxane	7.74	88	59838	1069.094	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	992833	273.052	ug/l	100
52) Toluene	8.78	92	257297	54.793	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164005	57.330	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	179182	56.589	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	102669	53.592	ug/l	98
56) Ethyl methacrylate	9.18	69	189075	55.289	ug/l	99
57) 1,3-Dichloropropane	9.37	76	180511	53.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	490259	270.239	ug/l	99
59) 2-Hexanone	9.49	43	806396	282.379	ug/l	99
60) Dibromochloromethane	9.58	129	105441	56.352	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105732	54.675	ug/l	100
64) Tetrachloroethene	9.34	164	92092	54.922	ug/l	98
65) Chlorobenzene	10.13	112	266381	54.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	95715	53.991	ug/l	99
67) Ethyl Benzene	10.25	91	497747	55.309	ug/l	99
68) m/p-Xylenes	10.36	106	367722	111.816	ug/l	97
69) o-Xylene	10.69	106	179121	55.203	ug/l	100
70) Styrene	10.71	104	316946	56.200	ug/l	99
71) Bromoform	10.85	173	81217	56.374	ug/l #	100
73) Isopropylbenzene	11.02	105	484850	52.655	ug/l	99
74) N-amyl acetate	10.90	43	284479	52.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	173864	50.650	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	208702	71.053	ug/l	82
77) Bromobenzene	11.26	156	118406	51.808	ug/l	99
78) n-propylbenzene	11.36	91	564015	53.633	ug/l	99
79) 2-Chlorotoluene	11.42	91	333497	51.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	414356	53.443	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61639	53.693	ug/l	100
82) 4-Chlorotoluene	11.51	91	384894	52.513	ug/l	99
83) tert-Butylbenzene	11.77	119	394193	52.264	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	415455	53.385	ug/l	100
85) sec-Butylbenzene	11.94	105	475536	53.180	ug/l	99
86) p-Isopropyltoluene	12.06	119	437675	54.445	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	215601	52.917	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	216568	52.723	ug/l	99
89) n-Butylbenzene	12.38	91	412553	56.781	ug/l	99
90) Hexachloroethane	12.60	117	72993	53.297	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	215453	51.918	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40618	52.748	ug/l	100

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

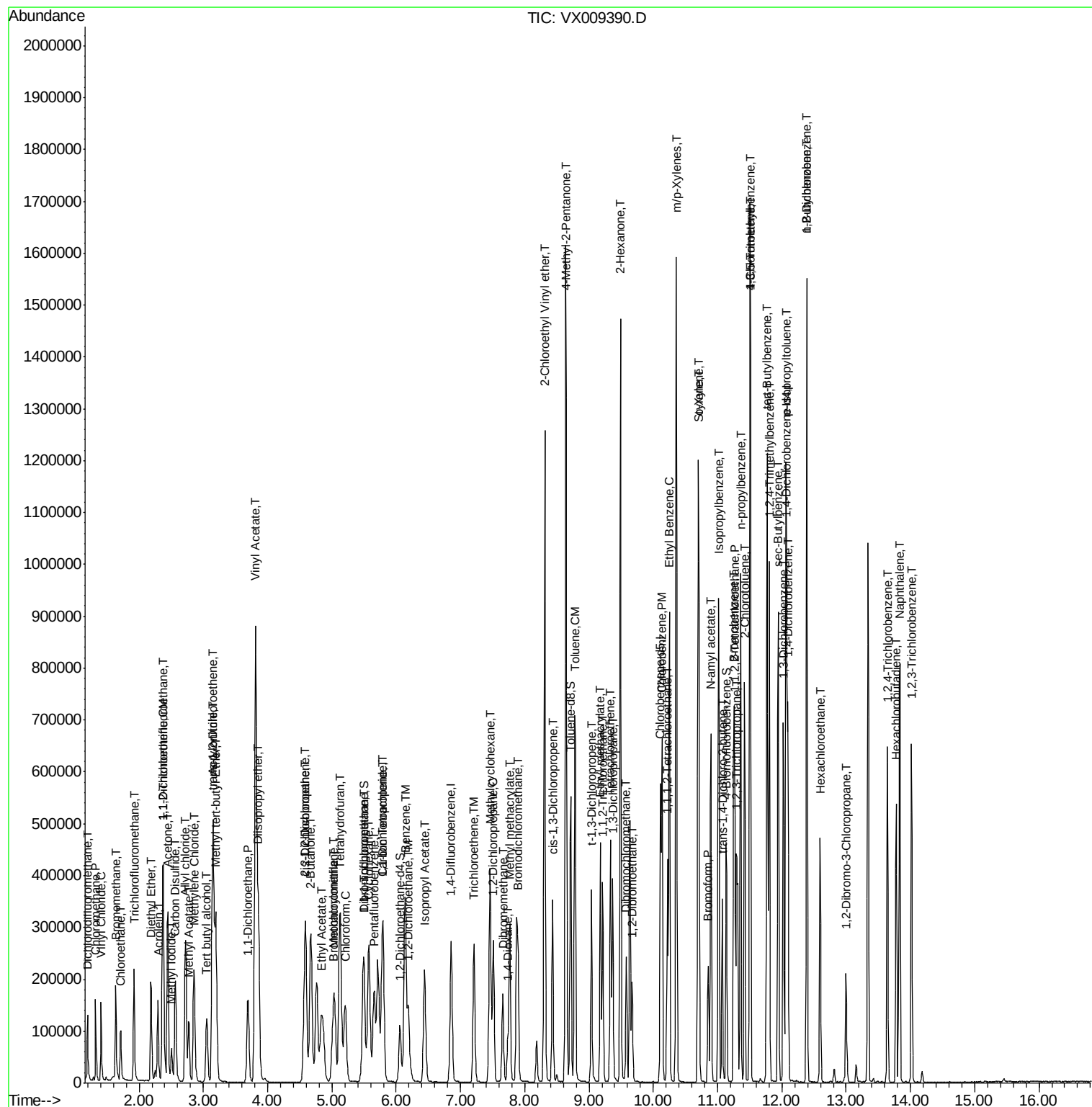
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159475	56.197	ug/l	99
94) Hexachlorobutadiene	13.78	225	80537	55.575	ug/l	98
95) Naphthalene	13.83	128	497867	53.925	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157639	54.801	ug/l	100

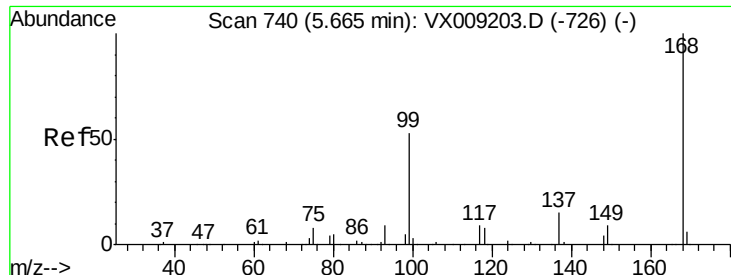
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

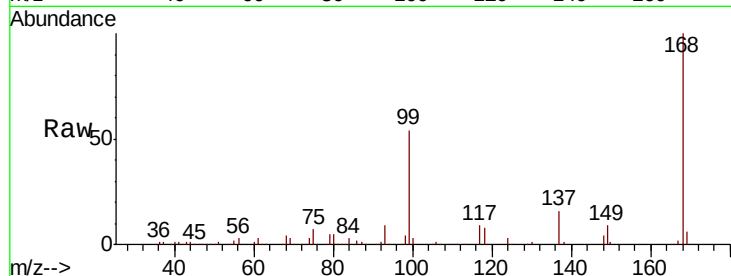
VSTDCCC050

Tot Ion:168 Resp: 173264

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

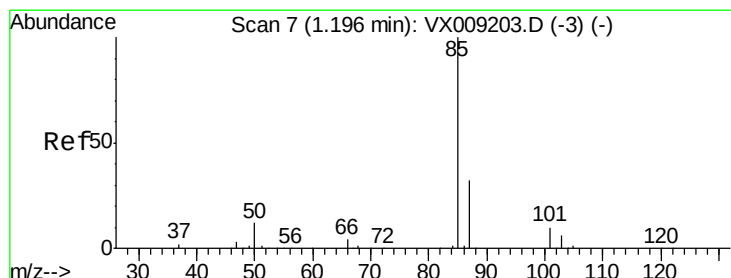
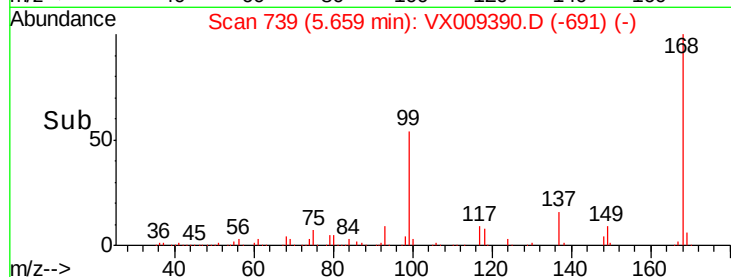
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.410 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009390.D

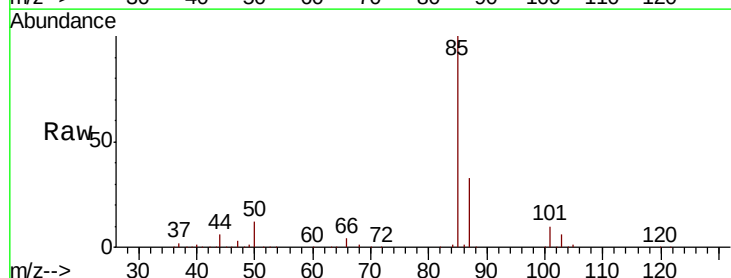
Acq: 08 May 2019 11:35

Tgt Ion: 85 Resp: 78891

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

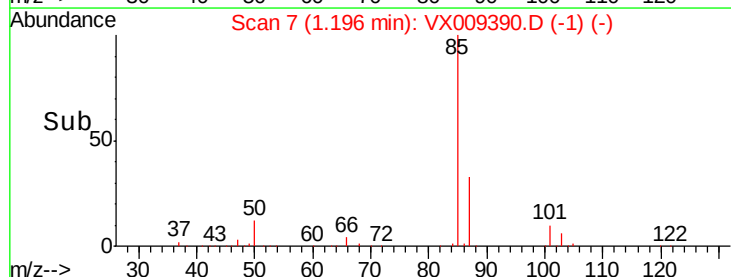
60000

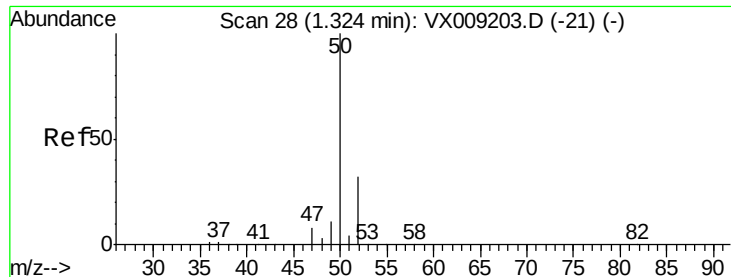
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.621 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

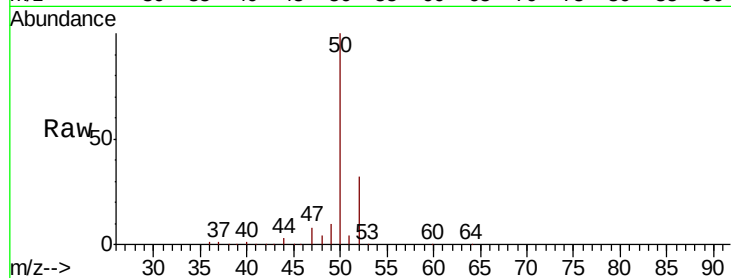
VSTDCCC050

Tot Ion: 50 Resp: 110346

Ion Ratio Lower Upper

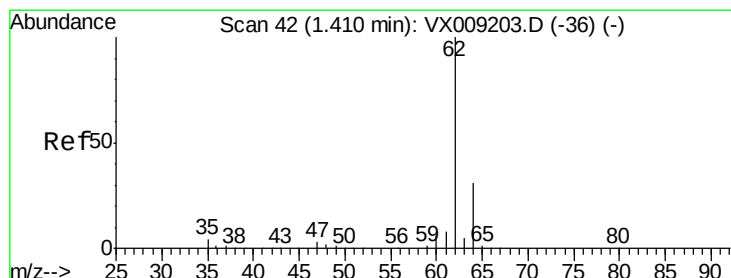
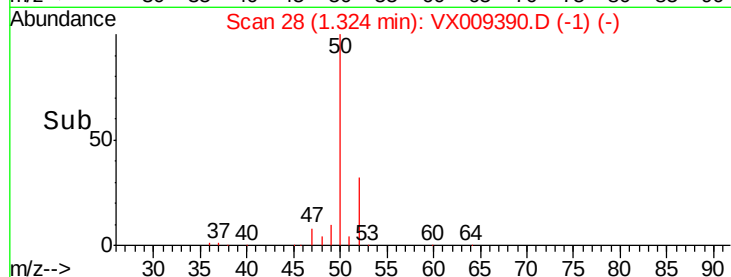
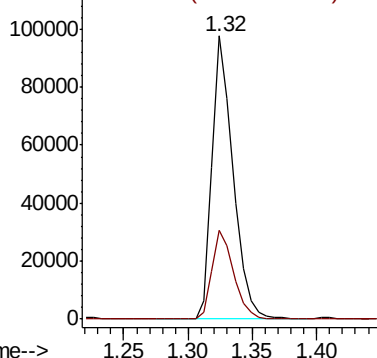
50 100

52 31.6 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: 52.397 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009390.D

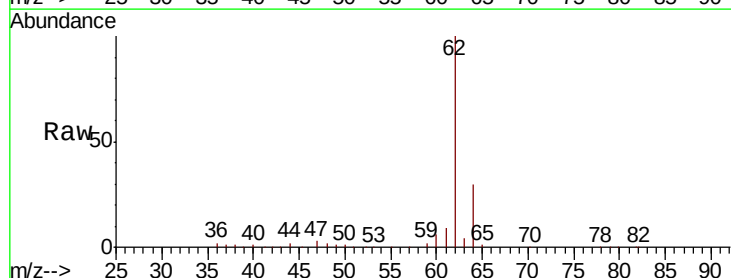
Acq: 08 May 2019 11:35

Tgt Ion: 62 Resp: 111377

Ion Ratio Lower Upper

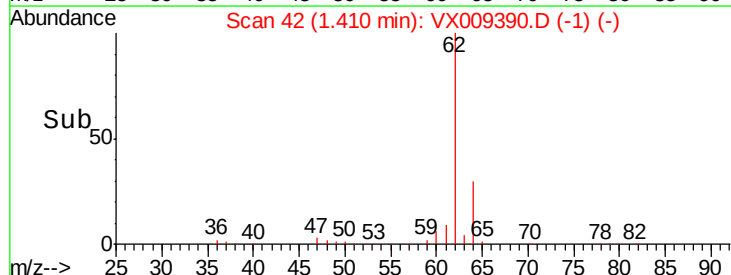
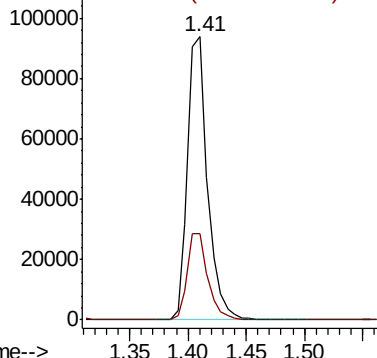
62 100

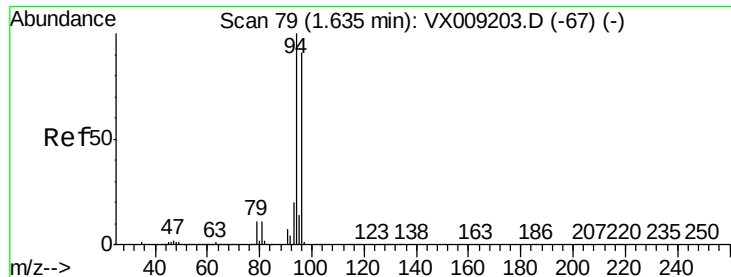
64 30.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.601 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

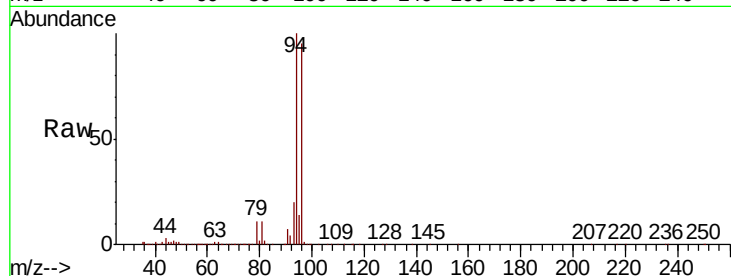
VSTDCCC050

Tot Ion: 94 Resp: 60731

Ion Ratio Lower Upper

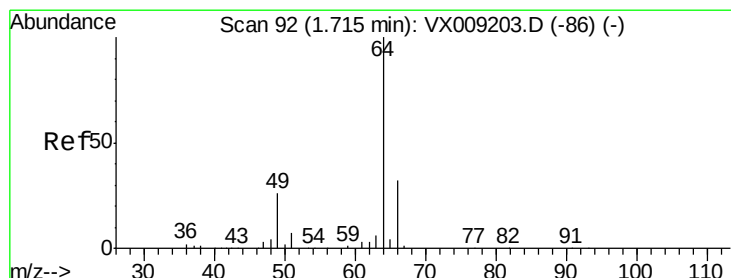
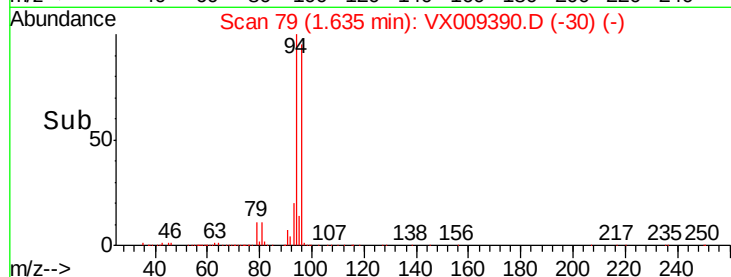
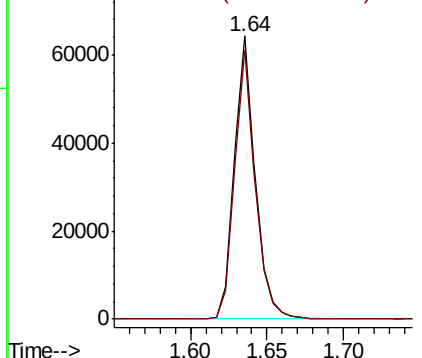
94 100

96 95.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.374 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009390.D

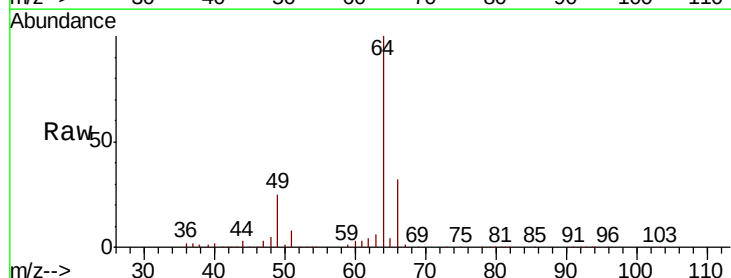
Acq: 08 May 2019 11:35

Tgt Ion: 64 Resp: 71477

Ion Ratio Lower Upper

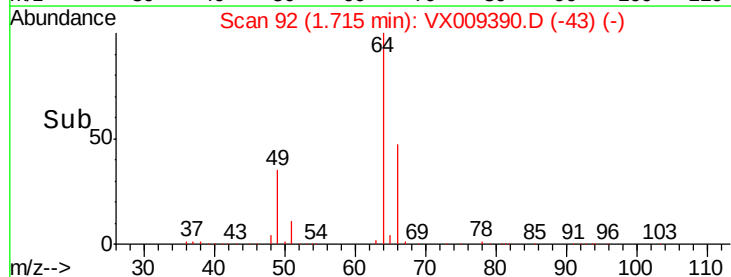
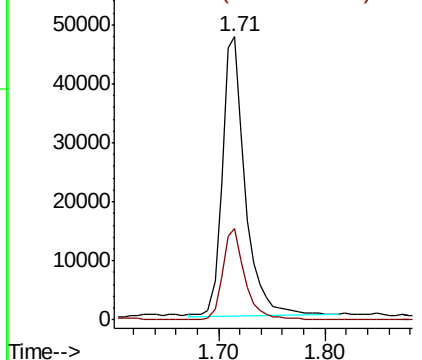
64 100

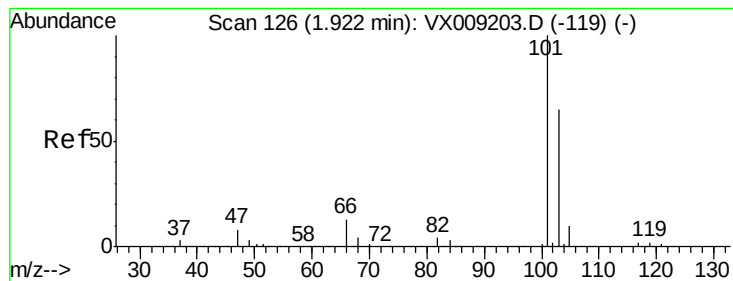
66 32.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



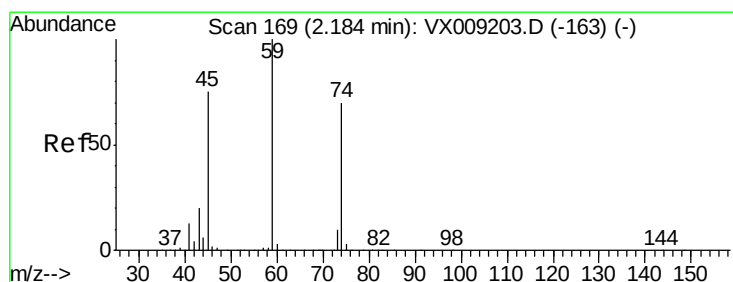
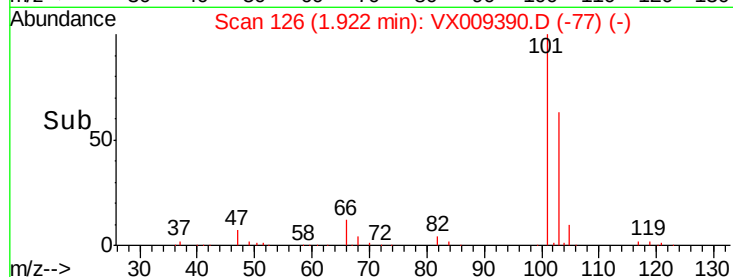
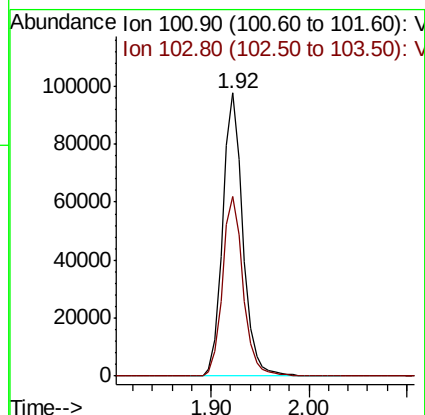
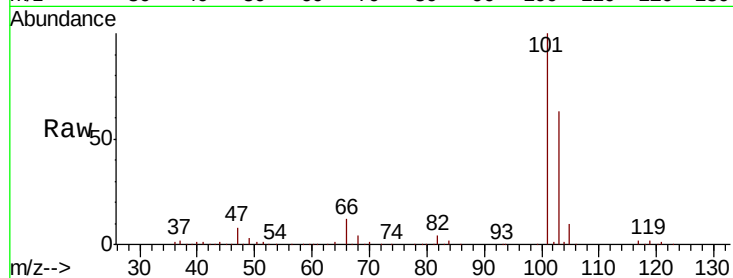


#7

Trichlorofluoromethane
 Concen: 54.024 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

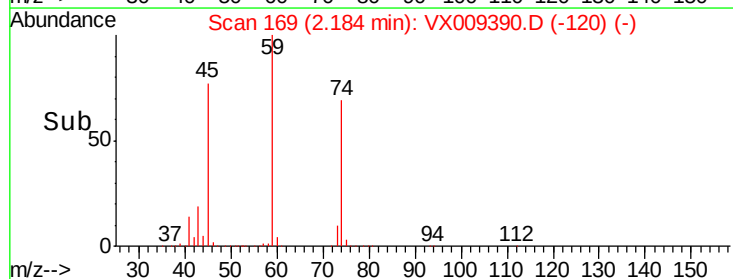
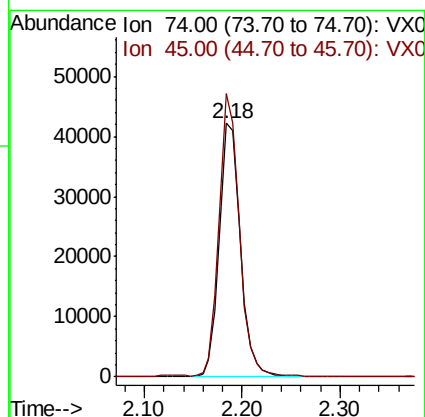
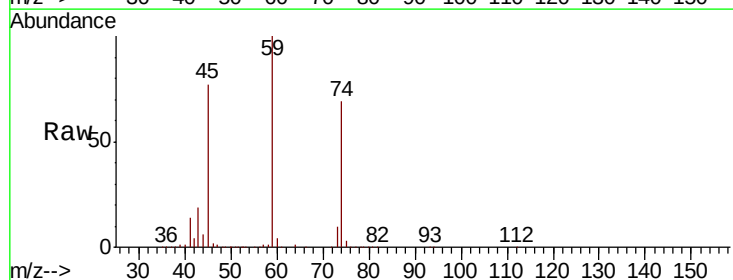
Tot Ion:101 Resp: 139587
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.4 78.6

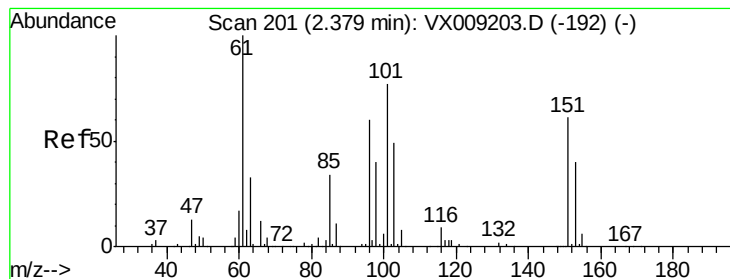


#8

Diethyl Ether
 Concen: 52.044 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 74 Resp: 63697
 Ion Ratio Lower Upper
 74 100
 45 106.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.754 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

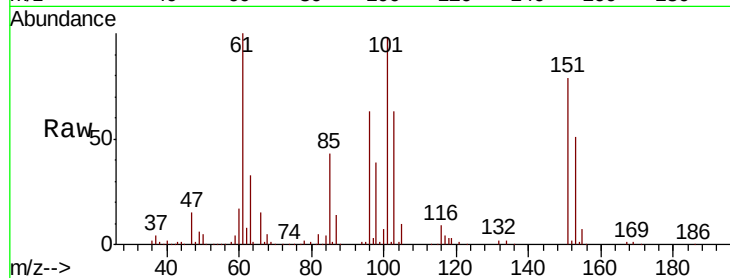
Tot Ion:101 Resp: 87219

Ion Ratio Lower Upper

101 100

85 44.1 35.7 53.5

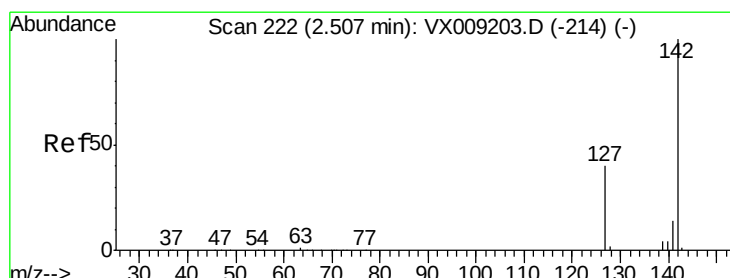
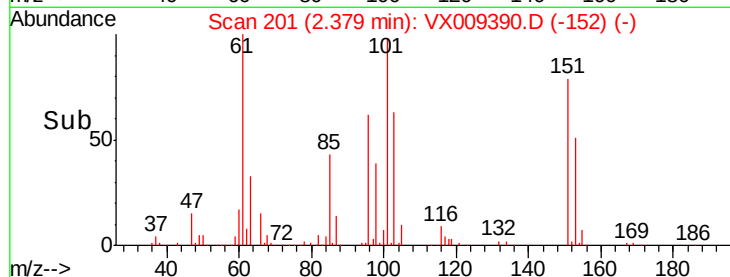
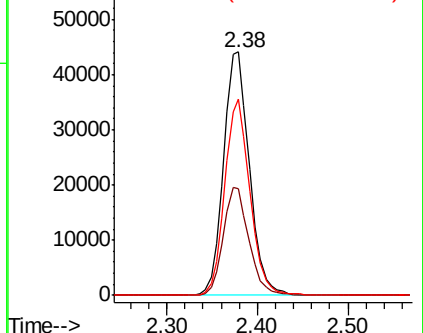
151 78.6 62.2 93.2



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: 39.795 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

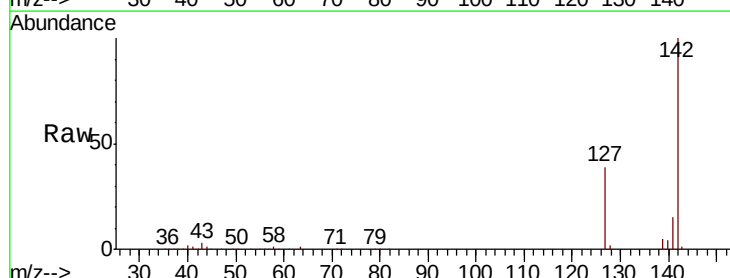
Tgt Ion:142 Resp: 73076

Ion Ratio Lower Upper

142 100

127 40.5 32.7 49.1

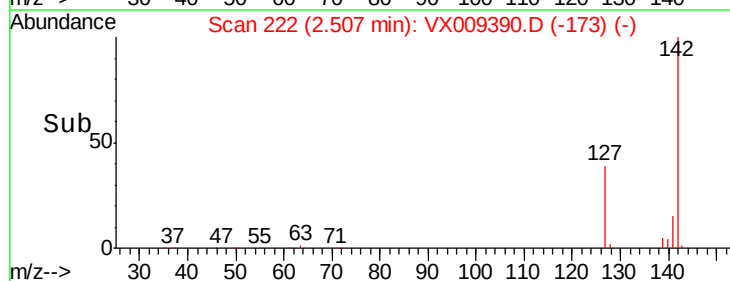
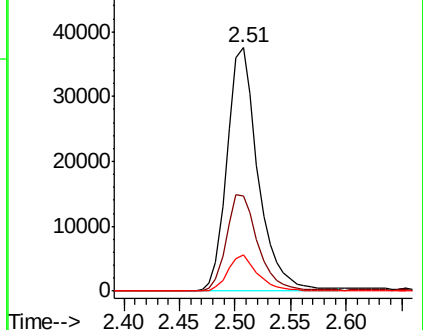
141 14.2 11.5 17.3

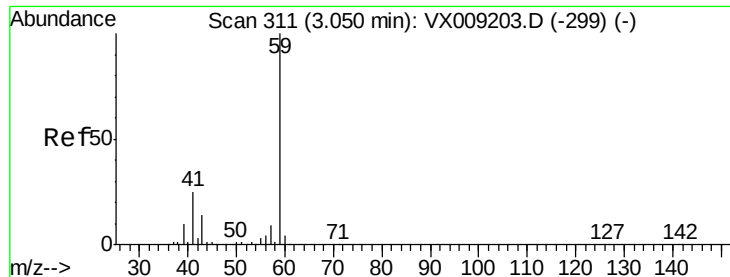


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

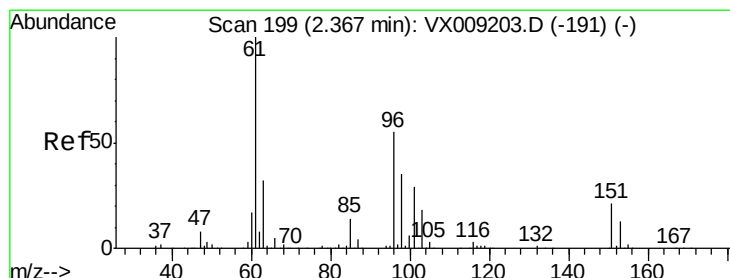
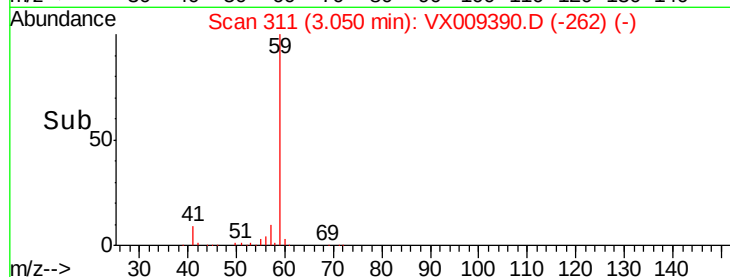
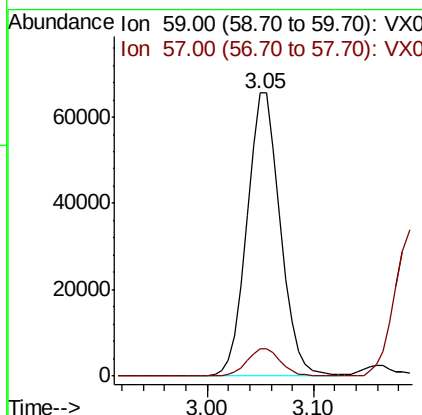
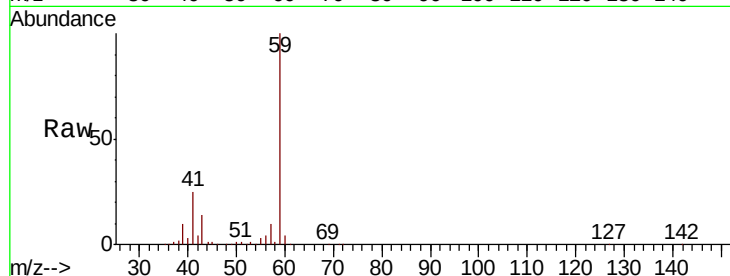




#11
Tert butyl alcohol
Concen: 264.327 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

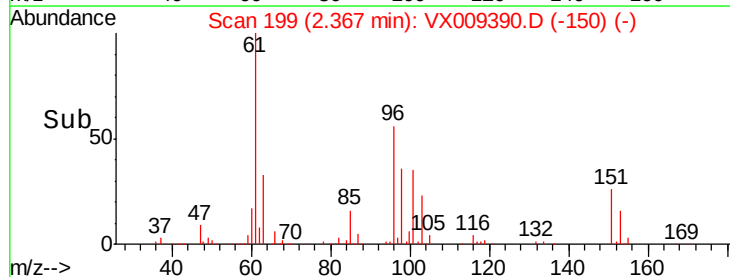
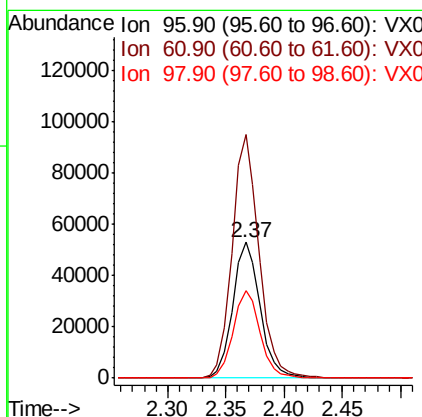
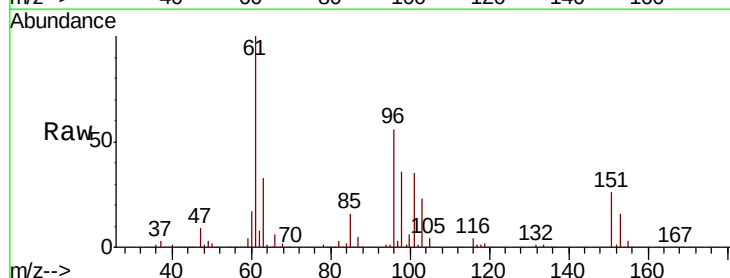
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

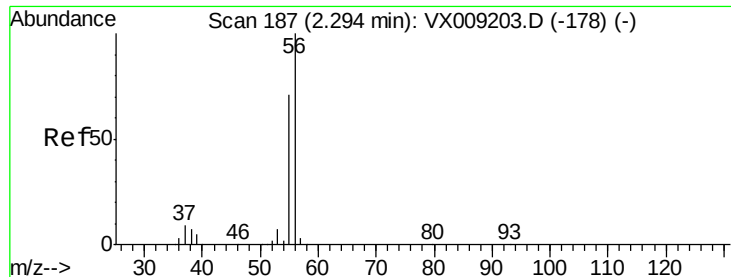
Tot Ion: 59 Resp: 144719
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 53.291 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion: 96 Resp: 86636
Ion Ratio Lower Upper
96 100
61 179.2 144.3 216.5
98 64.3 50.3 75.5





#13

Acrolein

Concen: 233.679 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

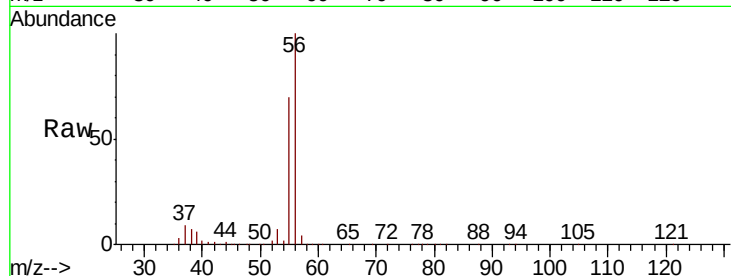
VSTDCCC050

Tot Ion: 56 Resp: 115866

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

2.29

80000

60000

40000

20000

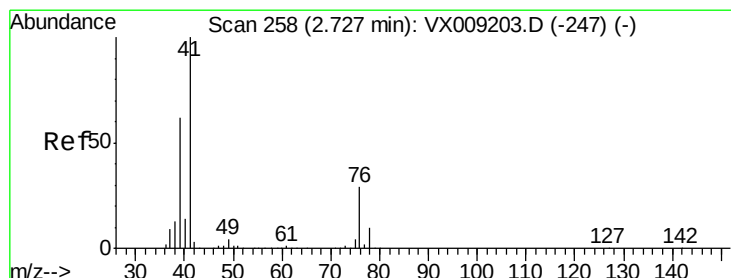
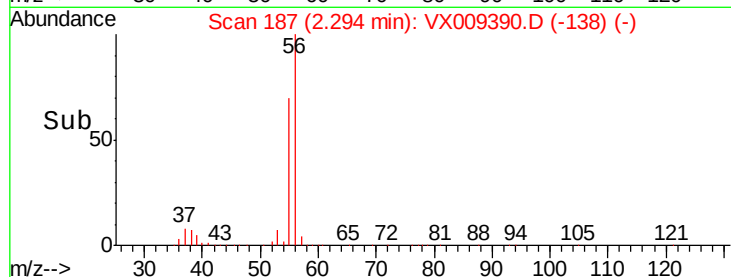
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 51.428 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

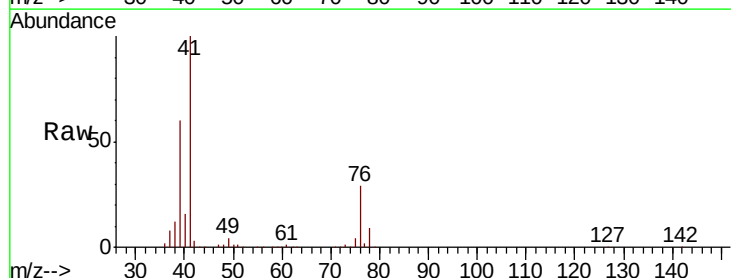
Tgt Ion: 41 Resp: 203751

Ion Ratio Lower Upper

41 100

39 58.5 46.7 70.1

76 27.7 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

2.72

100000

50000

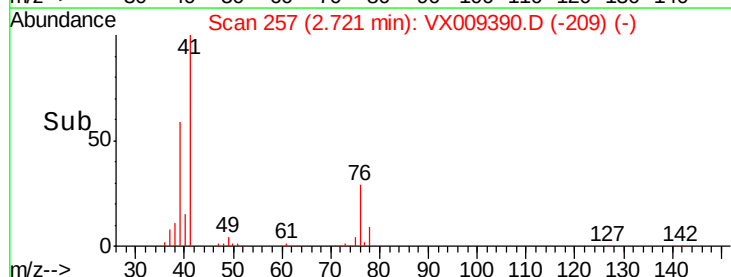
0

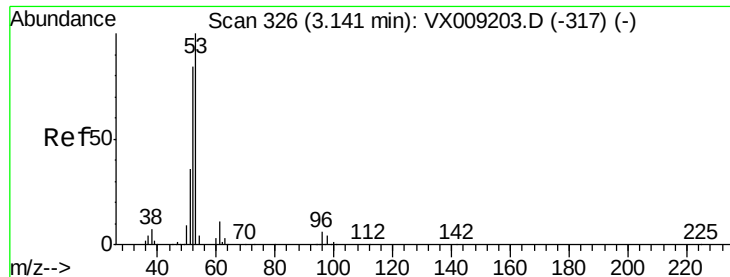
Time-->

2.60

2.70

2.80

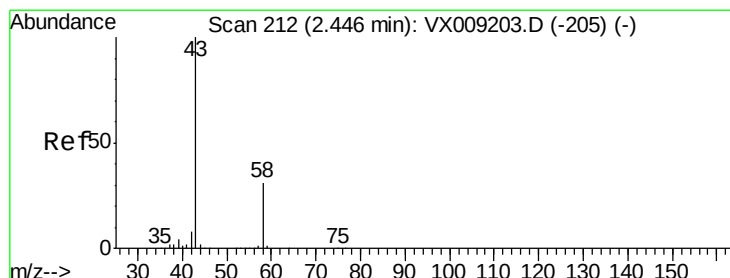
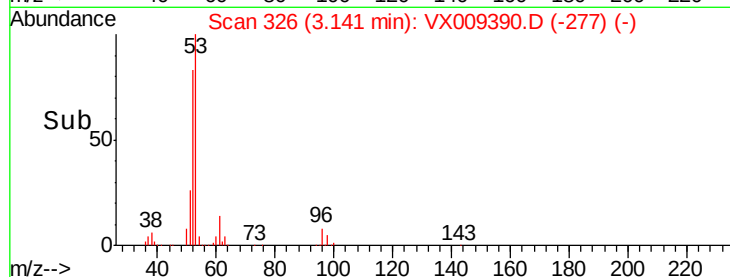
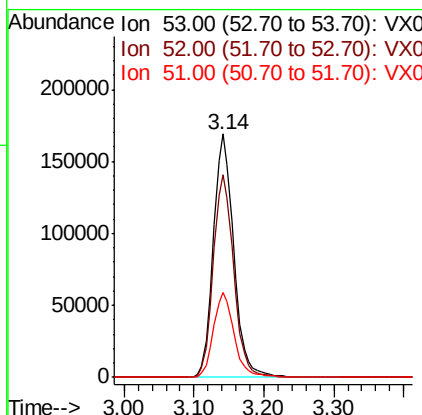
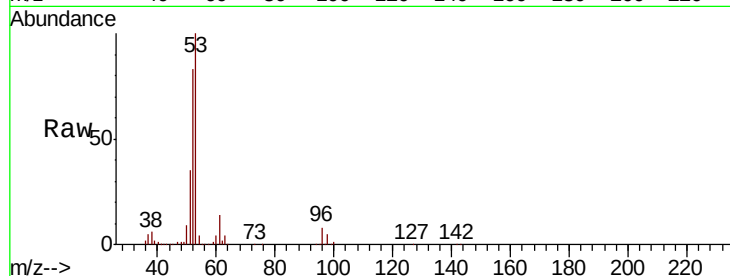




#15
 Acrylonitrile
 Concen: 255.088 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

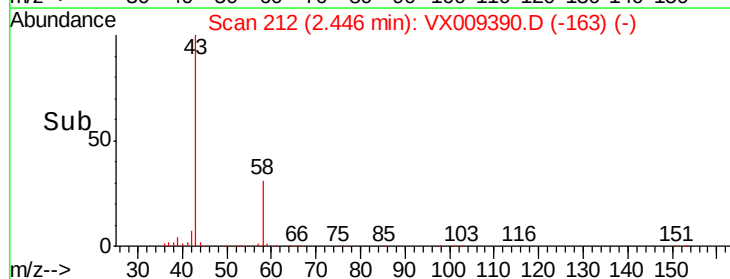
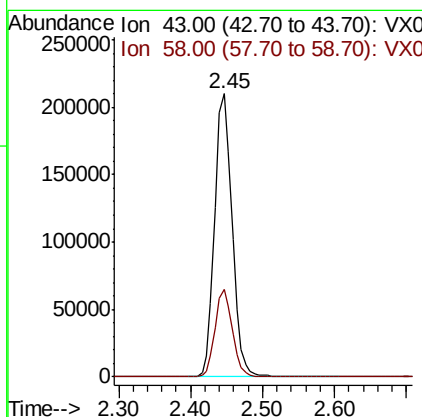
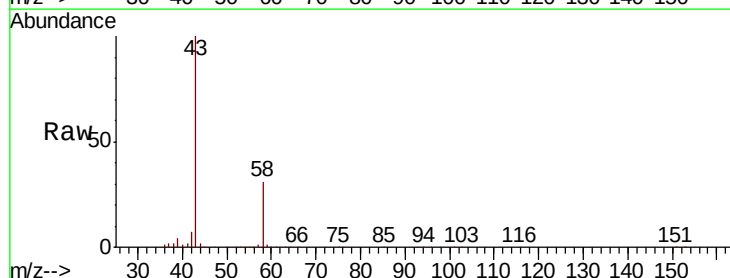
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

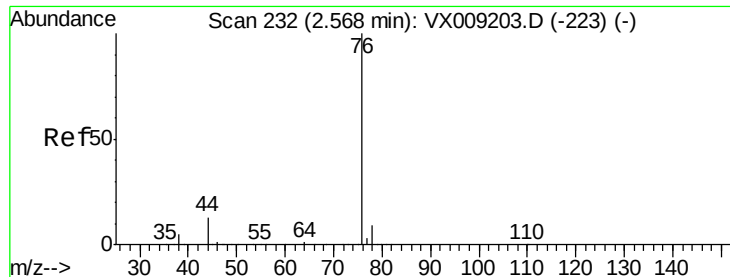
Tot Ion: 53 Resp: 341481
 Ion Ratio Lower Upper
 53 100
 52 83.7 66.9 100.3
 51 35.4 28.2 42.2



#16
 Acetone
 Concen: 279.818 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 43 Resp: 355384
 Ion Ratio Lower Upper
 43 100
 58 30.8 24.9 37.3

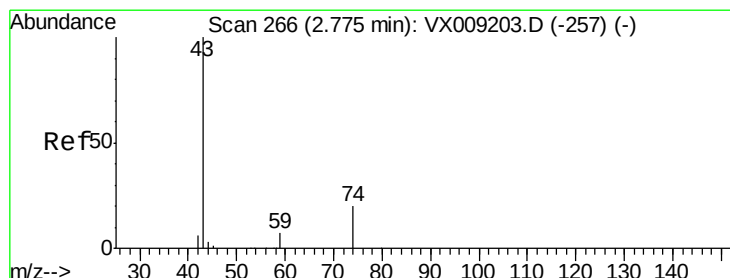
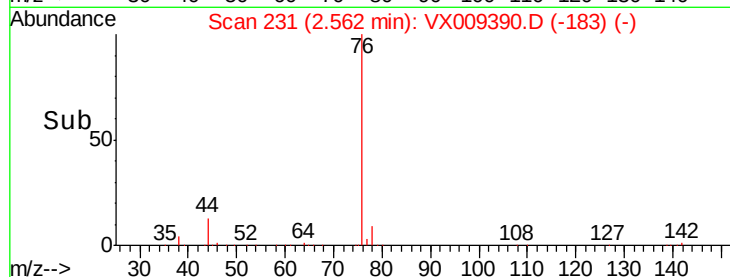
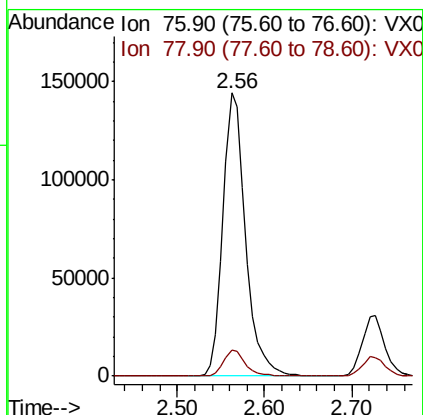
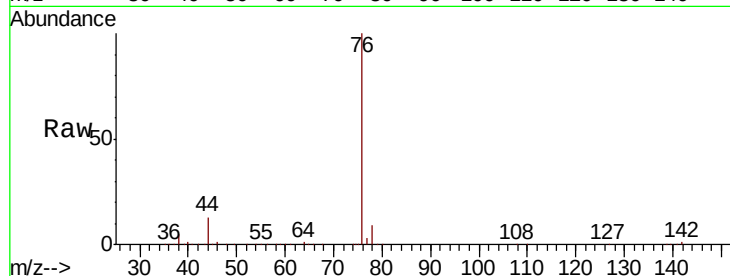




#17
Carbon Disulfide
Concen: 56.714 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

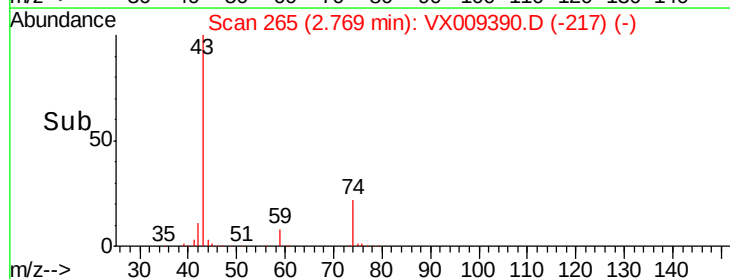
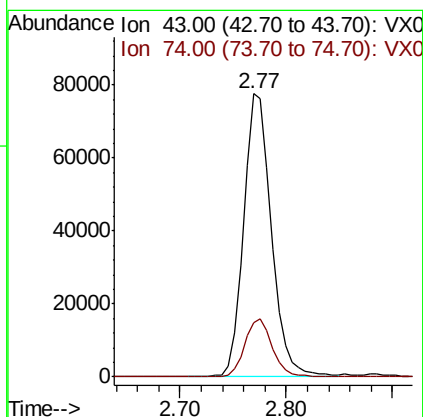
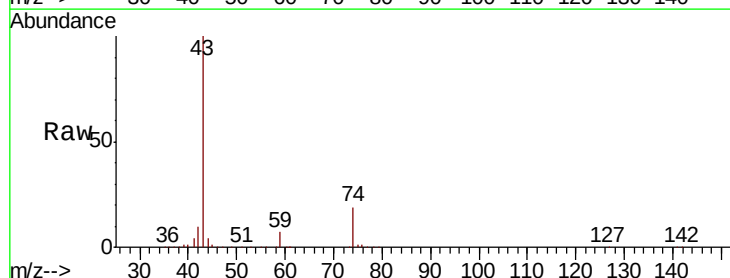
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

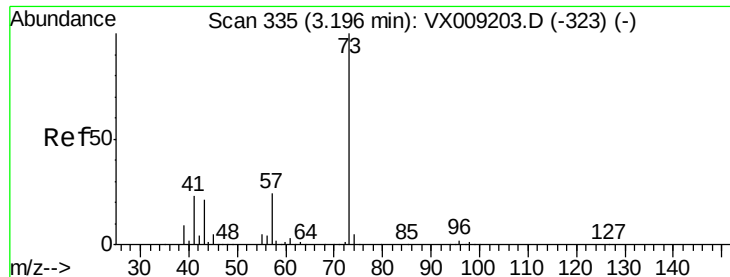
Tot Ion: 76 Resp: 258859
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 46.935 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion: 43 Resp: 141765
Ion Ratio Lower Upper
43 100
74 20.6 16.2 24.4



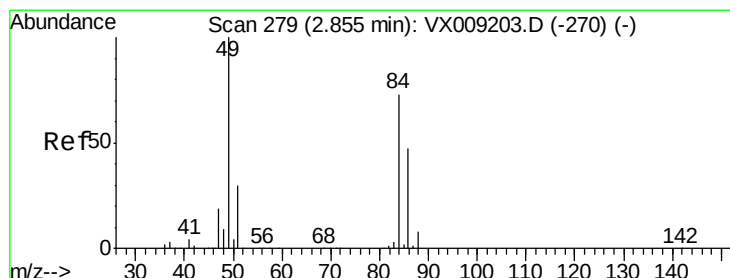
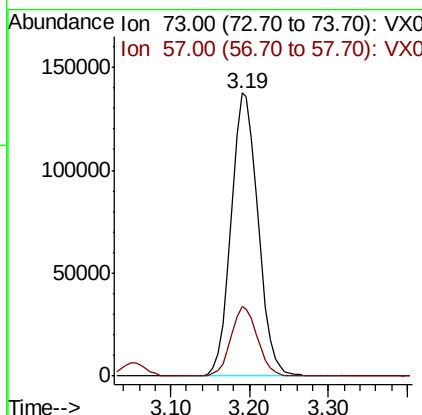
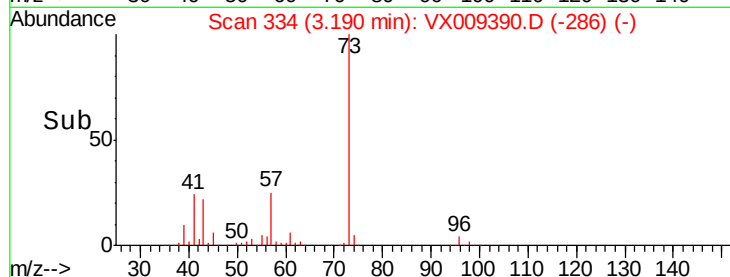
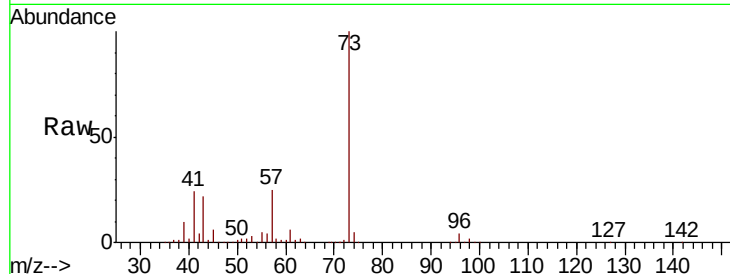


#19

Methyl tert-butyl Ether
 Concen: 51.743 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

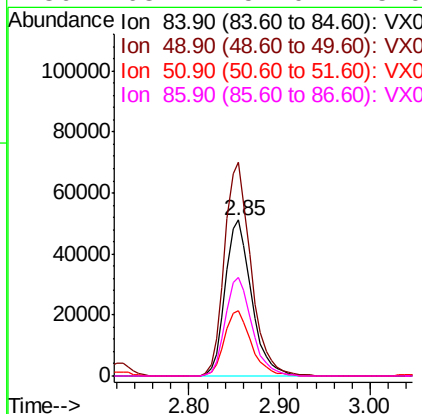
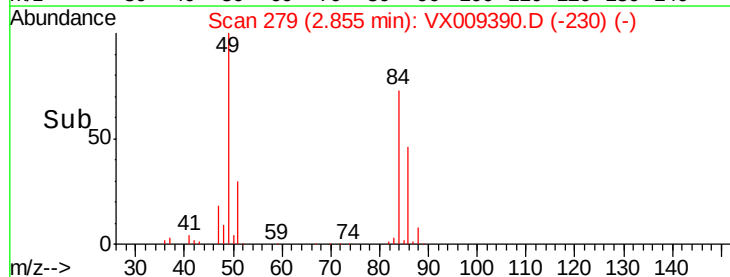
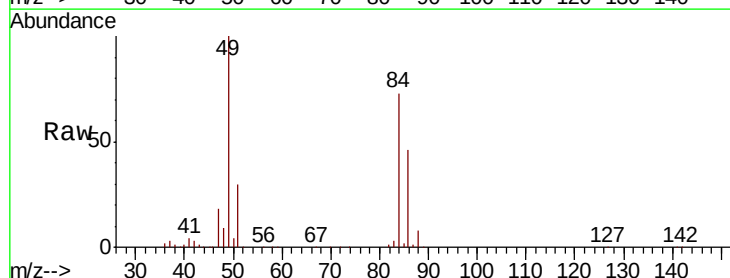
Tot Ion: 73 Resp: 326659
 Ion Ratio Lower Upper
 73 100
 57 24.6 19.3 28.9

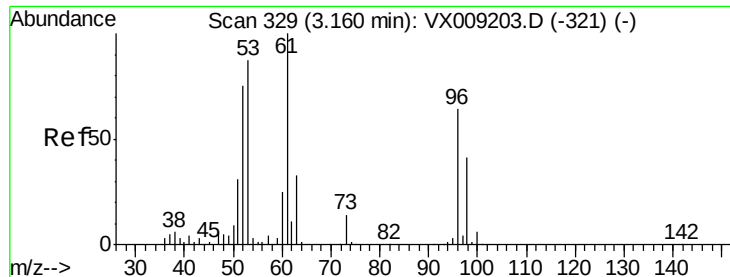


#20

Methylene Chloride
 Concen: 50.411 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 84 Resp: 103664
 Ion Ratio Lower Upper
 84 100
 49 136.9 109.9 164.9
 51 41.6 32.7 49.1
 86 63.1 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 54.011 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

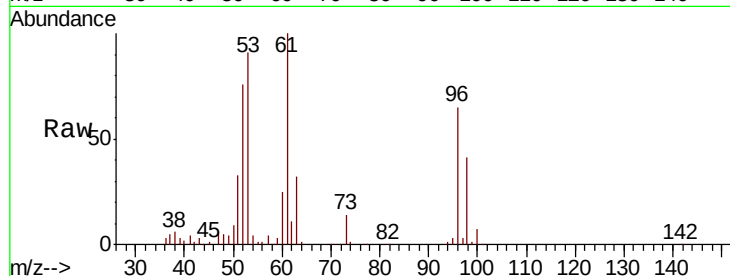
Tot Ion: 96 Resp: 95227

Ion Ratio Lower Upper

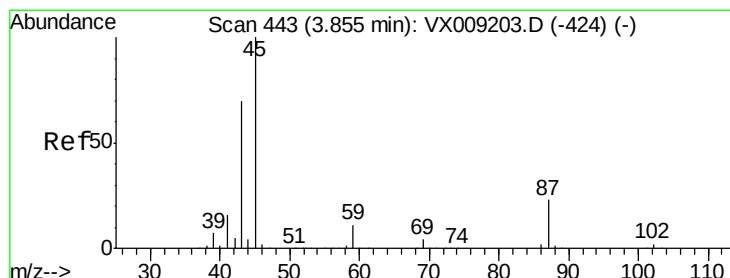
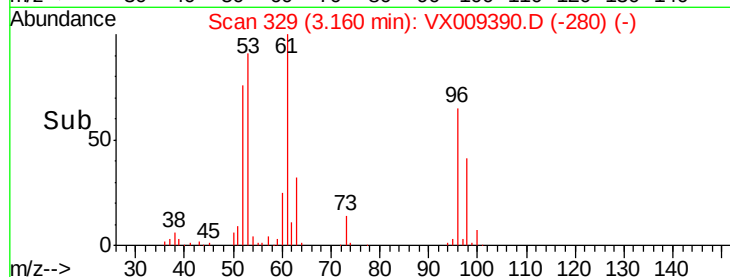
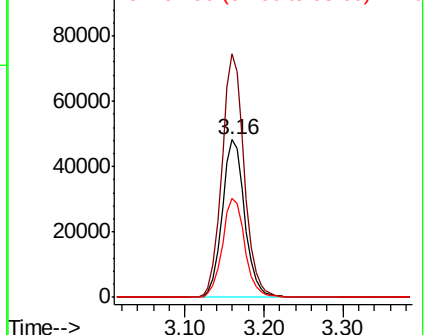
96 100

61 154.6 124.5 186.7

98 62.7 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: 51.478 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion: 45 Resp: 392219

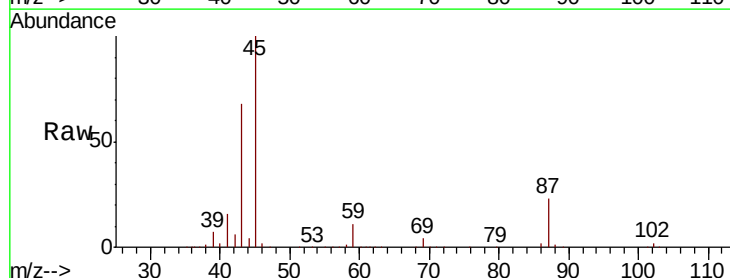
Ion Ratio Lower Upper

45 100

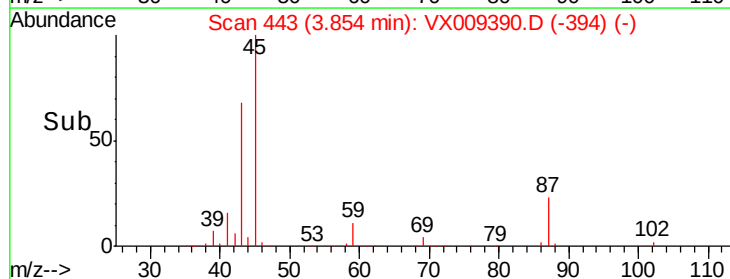
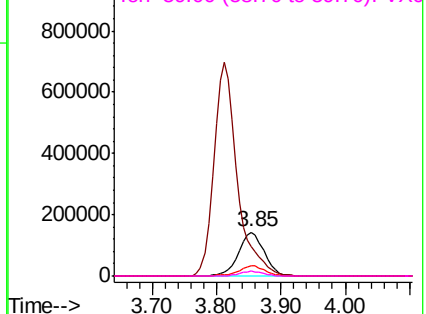
43 68.2 56.1 84.1

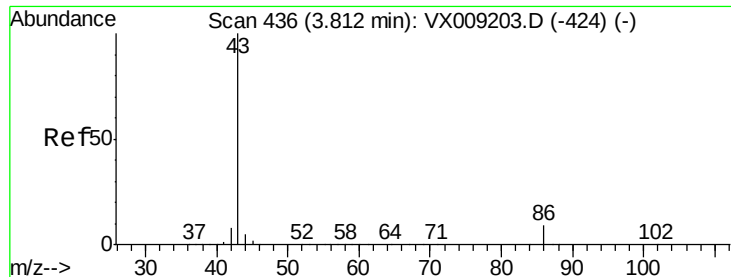
87 23.1 18.1 27.1

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: 272.513 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

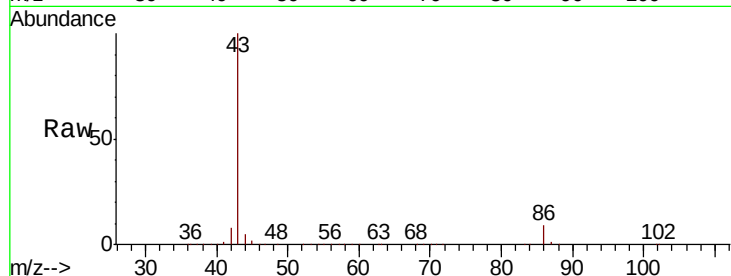
VSTDCCC050

Tot Ion: 43 Resp: 1777975

Ion Ratio Lower Upper

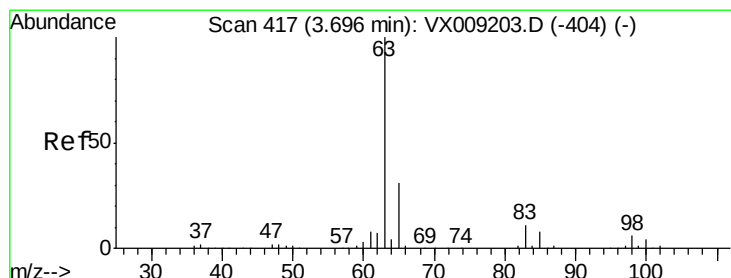
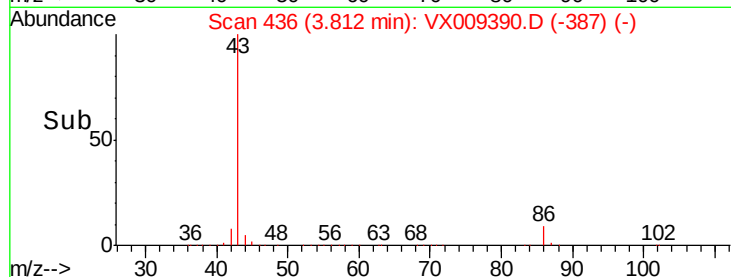
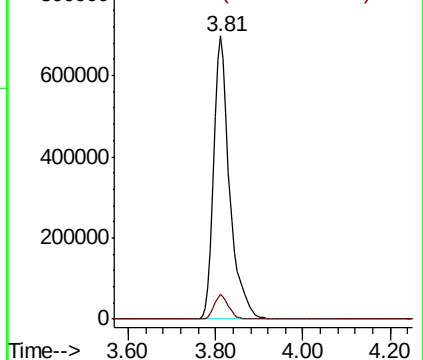
43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.018 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

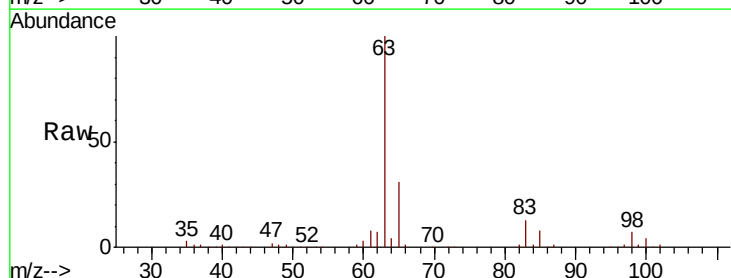
Tgt Ion: 63 Resp: 191756

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

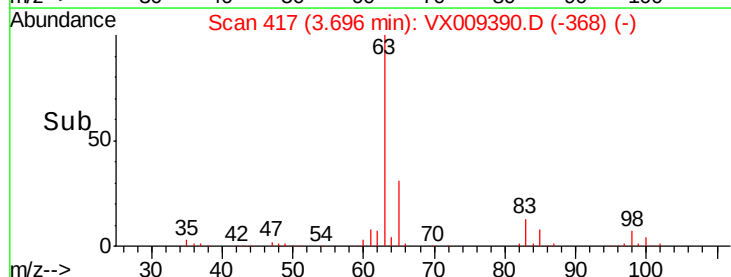
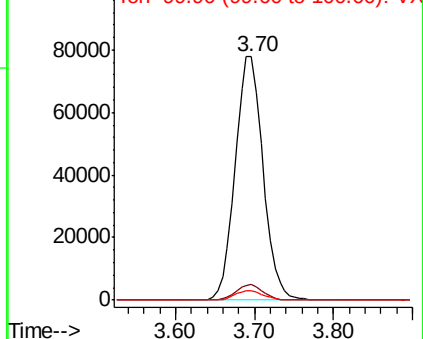
100 4.0 2.0 6.0

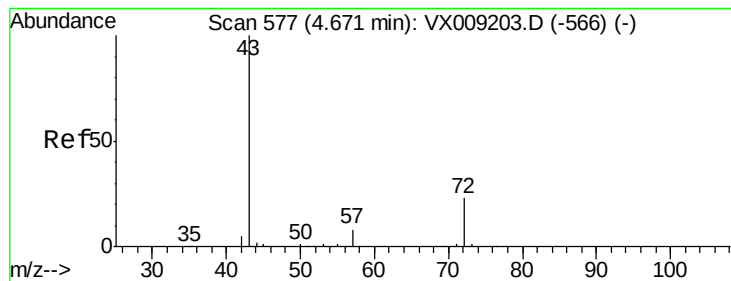


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.712 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

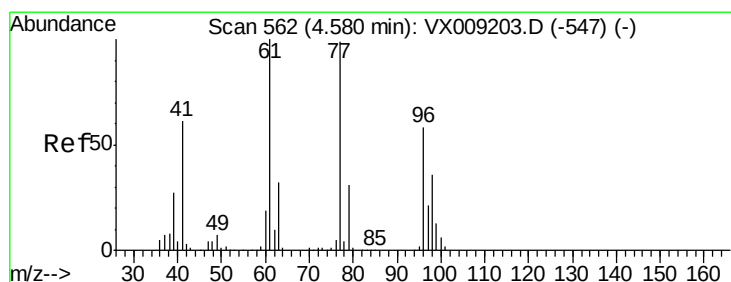
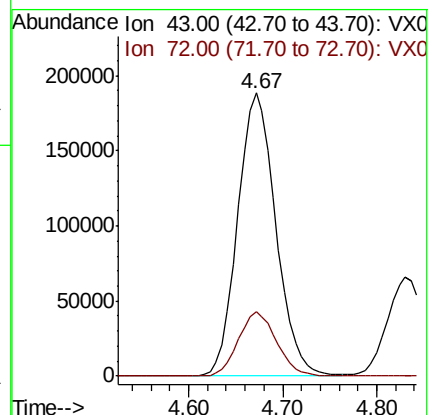
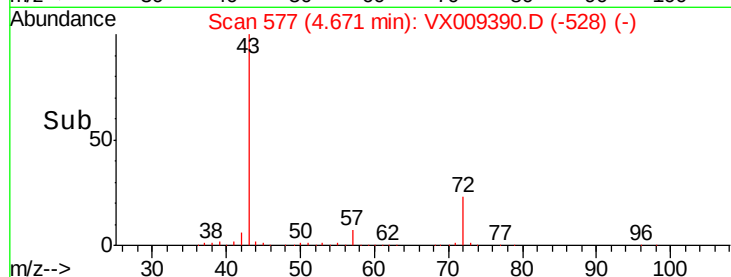
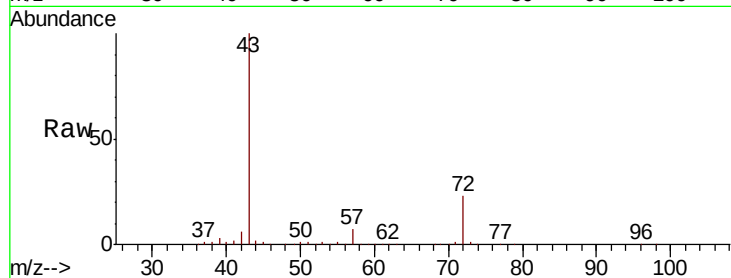
VSTDCCC050

Tot Ion: 43 Resp: 530336

Ion Ratio Lower Upper

43 100

72 22.6 18.2 27.2



#26

2,2-Dichloropropane

Concen: 53.231 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009390.D

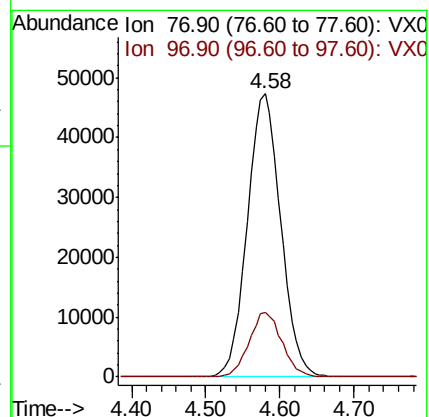
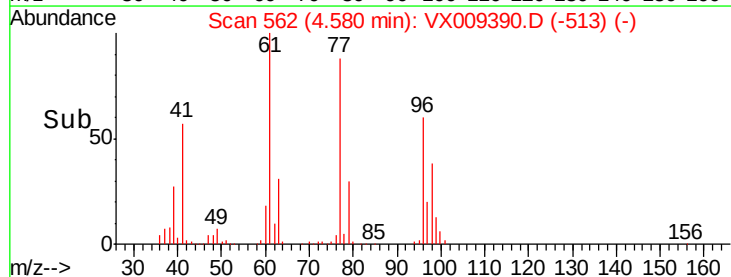
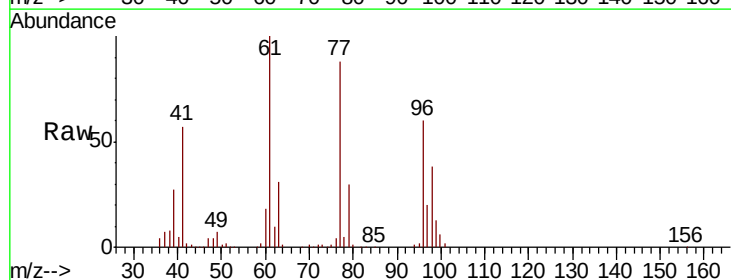
Acq: 08 May 2019 11:35

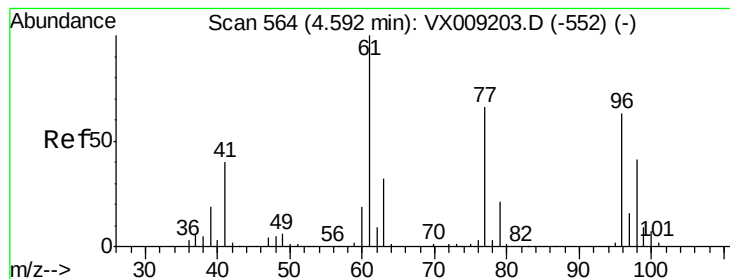
Tgt Ion: 77 Resp: 148924

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.4



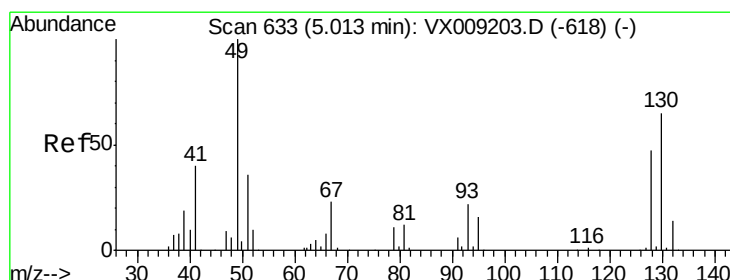
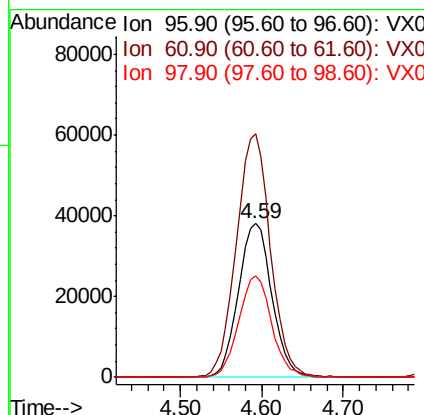
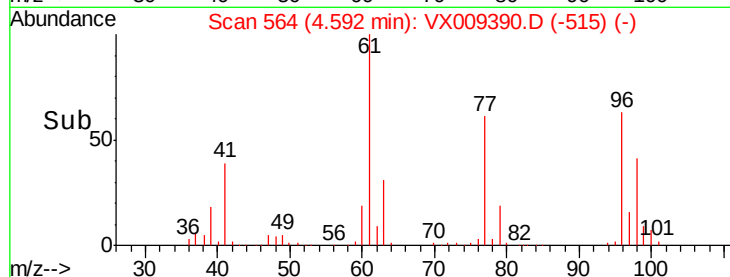
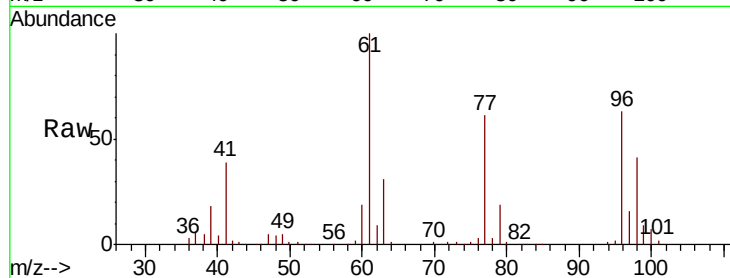


#27

cis-1,2-Dichloroethene
 Concen: 51.720 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

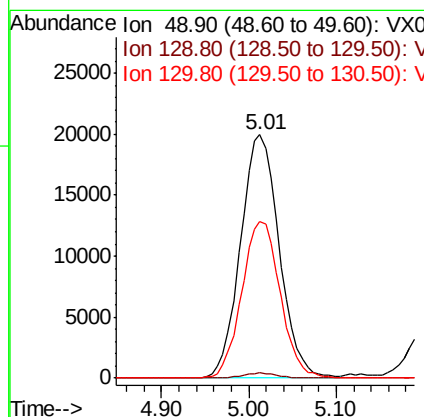
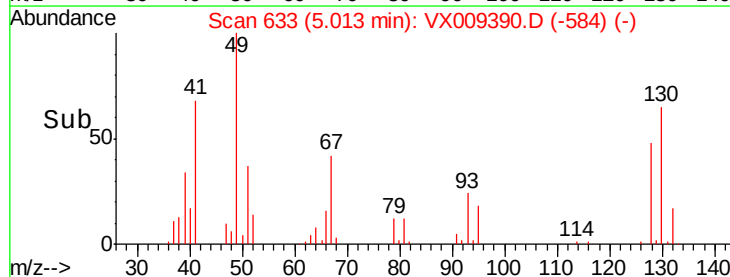
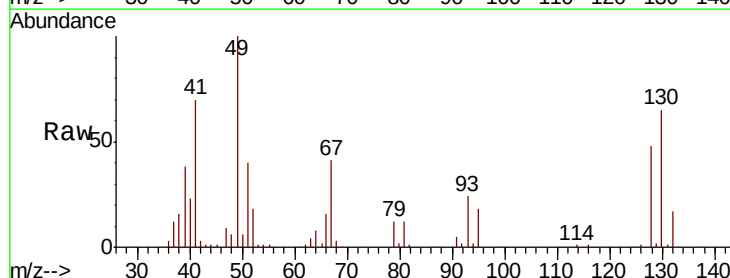
Tot Ion	96	Resp	108842
Ion	Ratio	Lower	Upper
96	100		
61	161.4	0.0	324.0
98	64.7	0.0	130.4

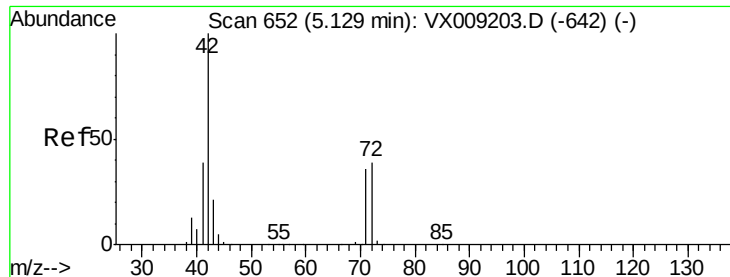


#28

Bromochloromethane
 Concen: 40.113 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion	49	Resp	61512
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	63.9	51.2	76.8





#29

Tetrahydrofuran

Concen: 262.330 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

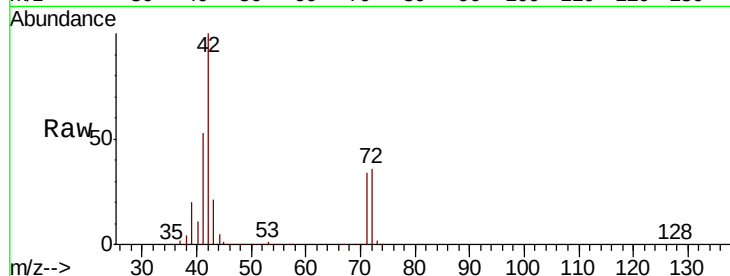
Tot Ion: 42 Resp: 333164

Ion Ratio Lower Upper

42 100

72 38.2 30.4 45.6

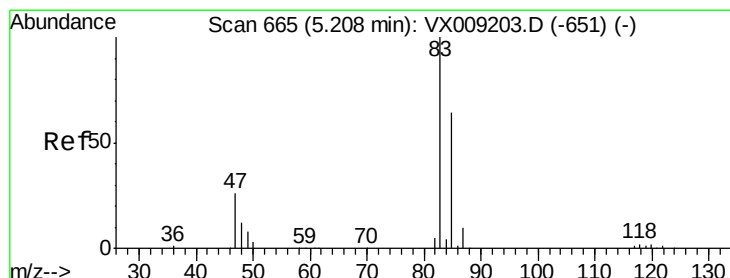
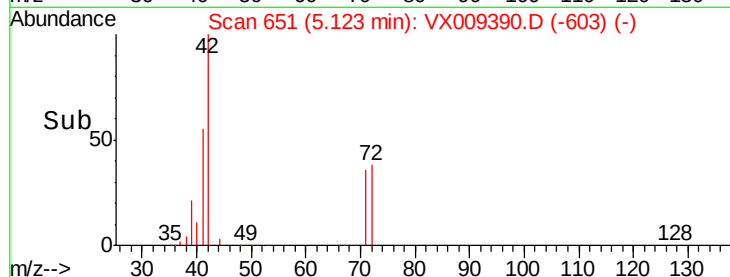
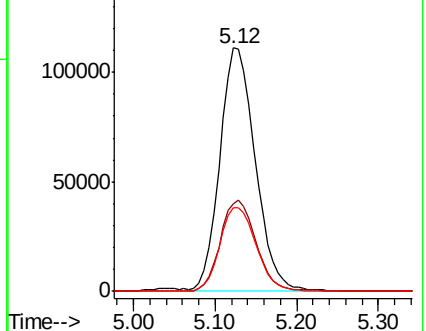
71 35.7 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.801 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009390.D

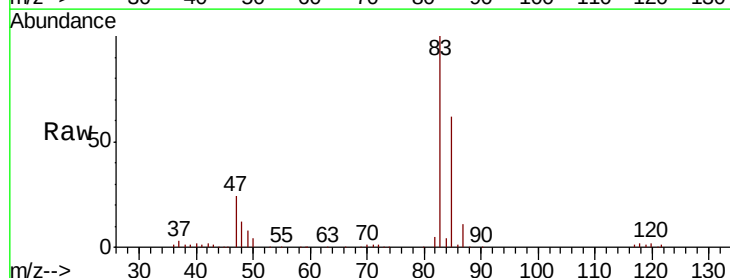
Acq: 08 May 2019 11:35

Tgt Ion: 83 Resp: 176093

Ion Ratio Lower Upper

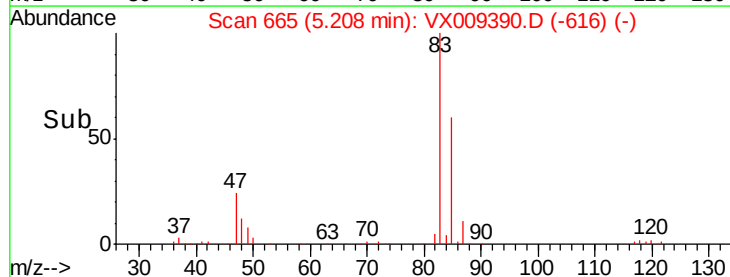
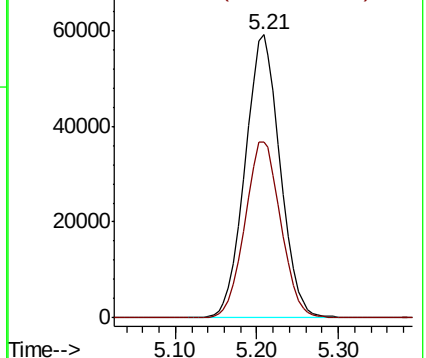
83 100

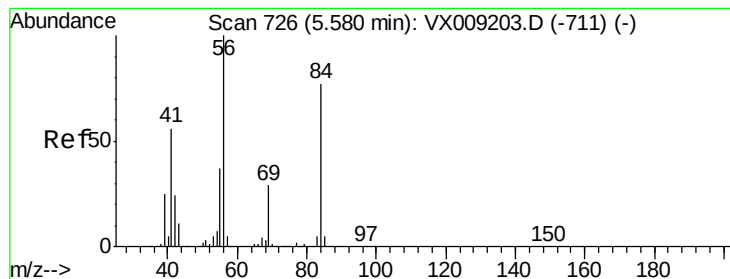
85 62.0 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.280 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

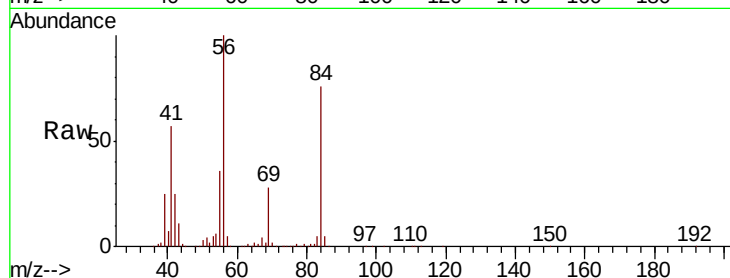
Tot Ion: 56 Resp: 193310

Ion Ratio Lower Upper

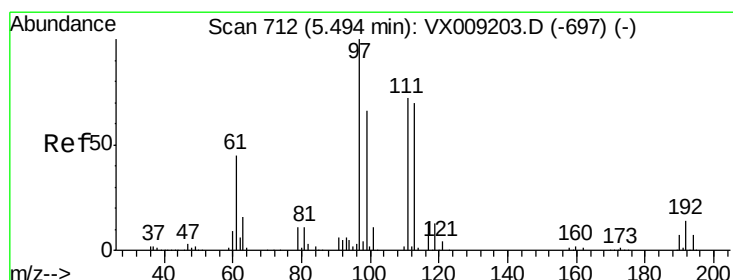
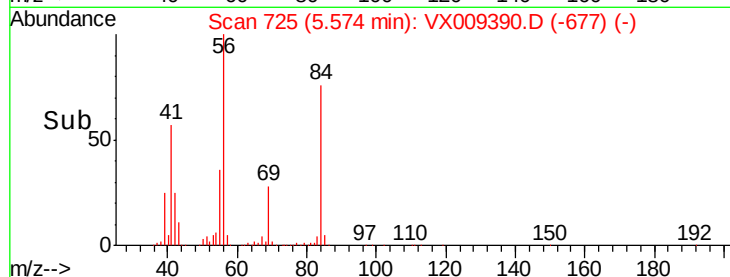
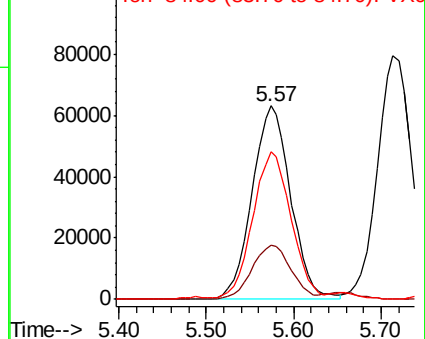
56 100

69 27.9 23.4 35.0

84 75.0 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.428 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

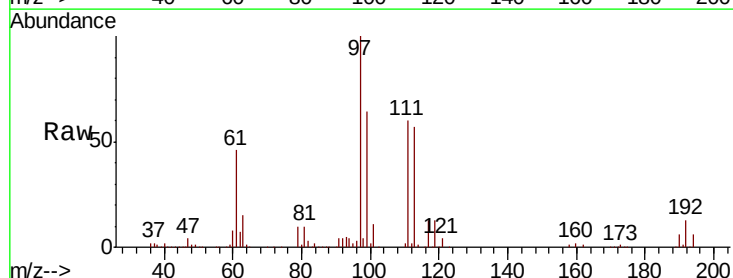
Tgt Ion: 97 Resp: 148366

Ion Ratio Lower Upper

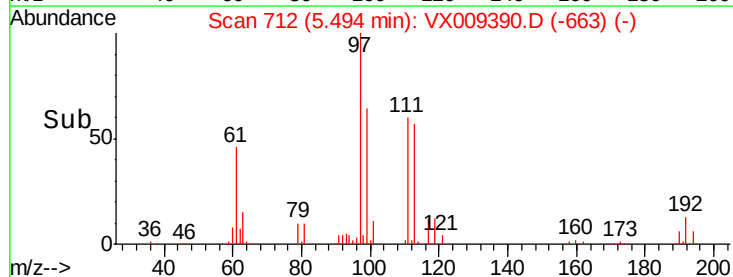
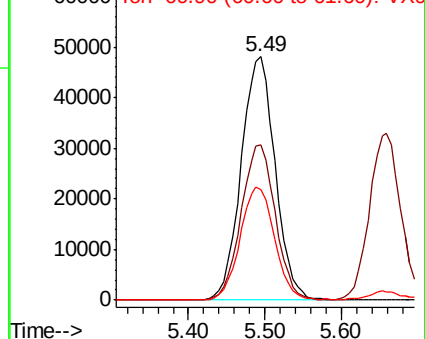
97 100

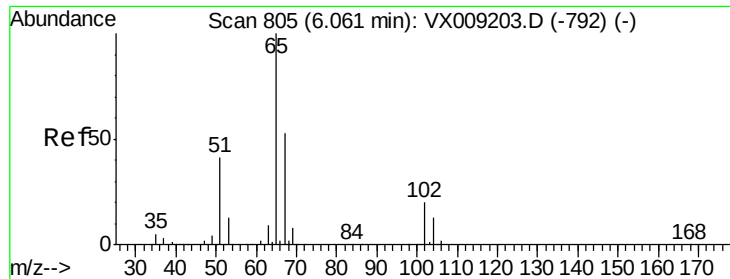
99 64.1 51.8 77.8

61 47.2 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

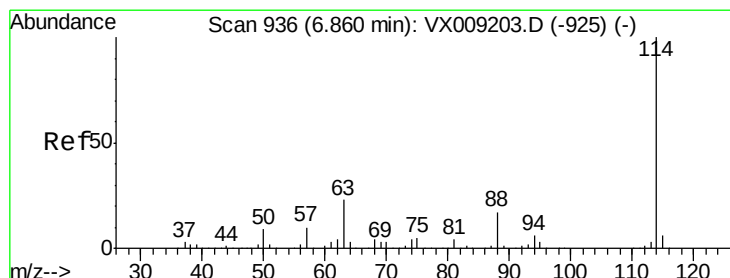
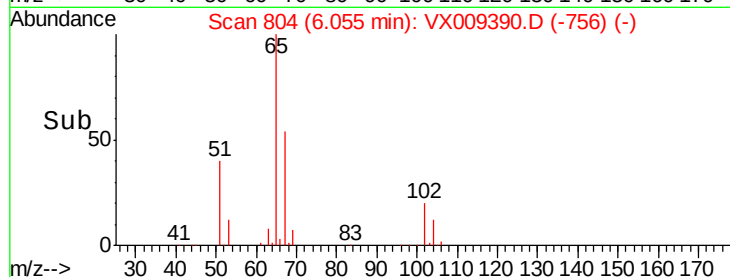
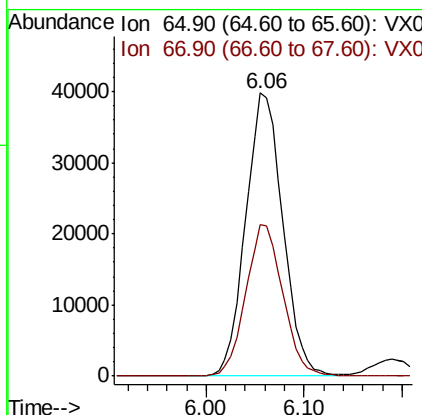
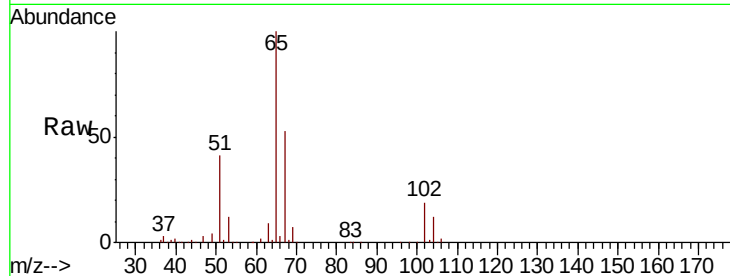




#33
 1,2-Dichloroethane-d4
 Concen: 44.279 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

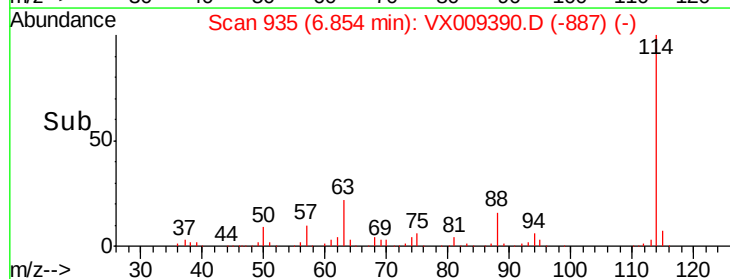
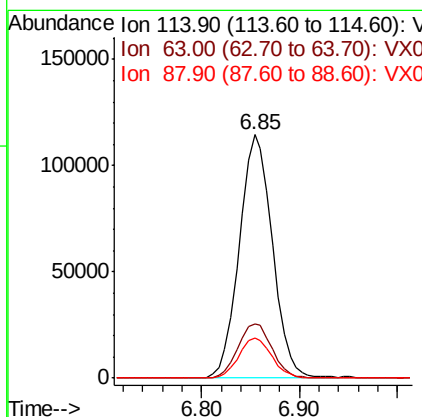
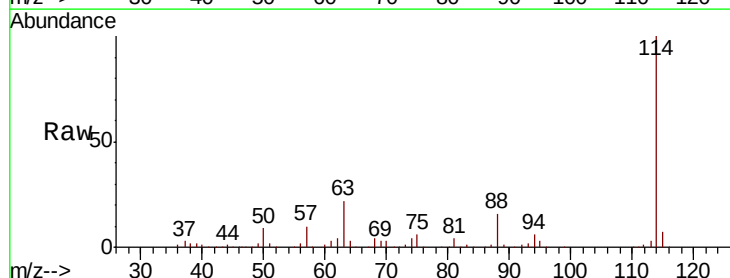
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

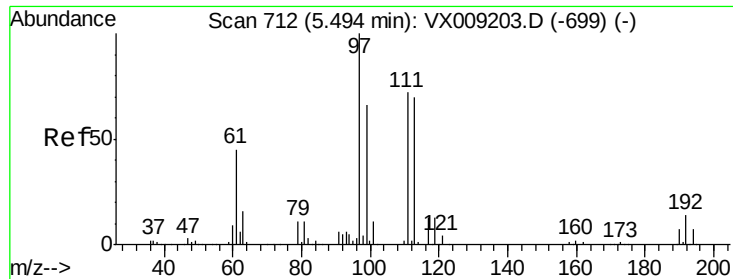
Tot Ion: 65 Resp: 104732
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 114 Resp: 268597
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.6
 88 16.3 0.0 33.2

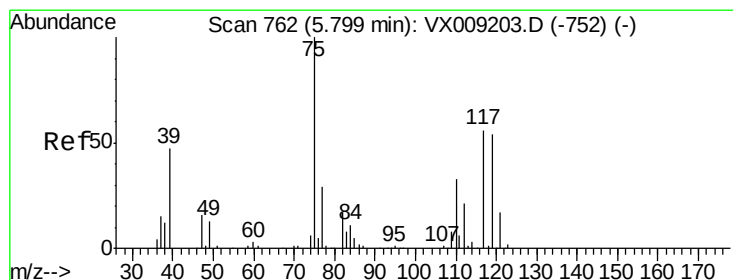
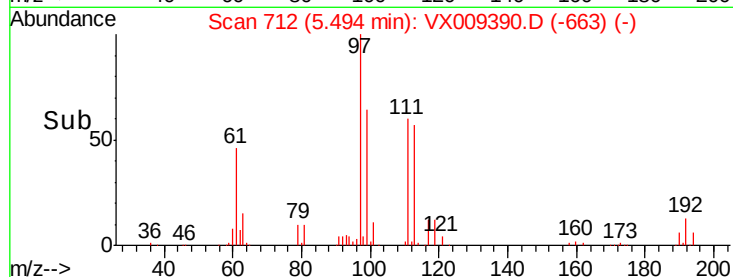
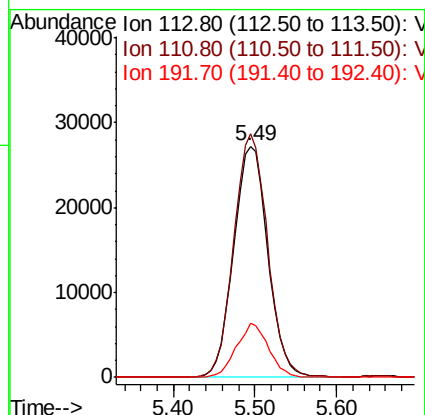
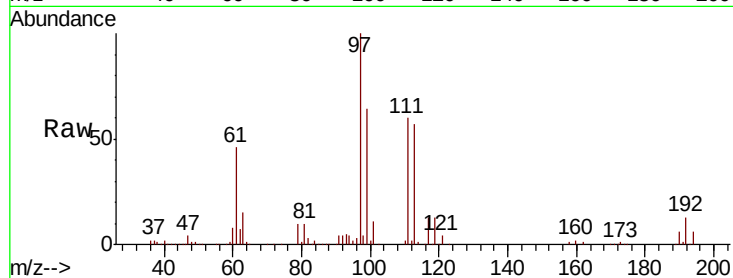




#35
 Dibromofluoromethane
 Concen: 46.841 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

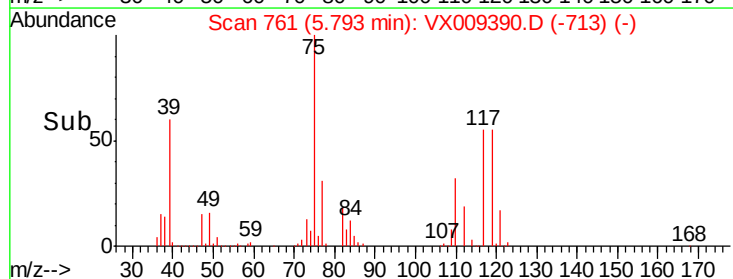
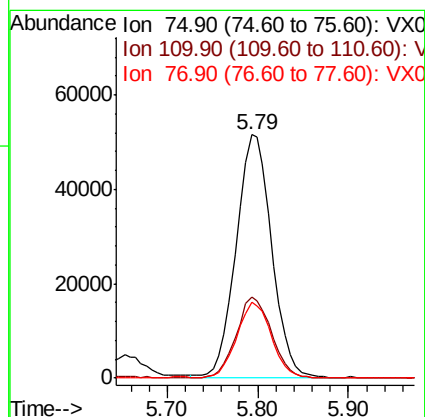
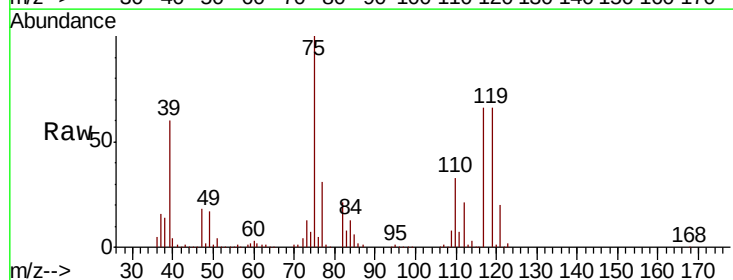
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

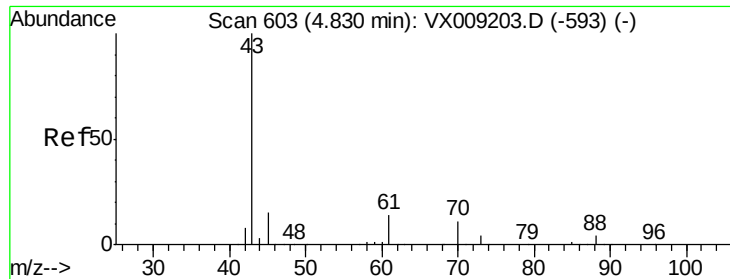
Tot Ion:113 Resp: 79092
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.8 124.2
 192 22.1 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 55.641 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 75 Resp: 138885
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.6
 77 31.0 24.8 37.2

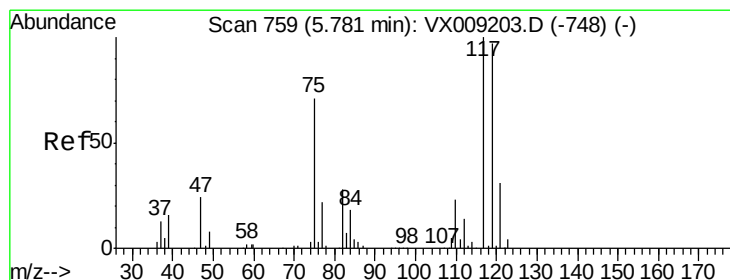
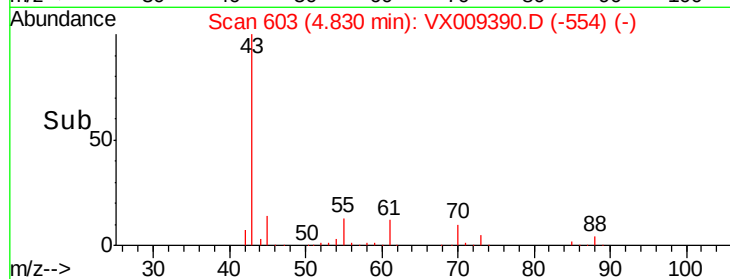
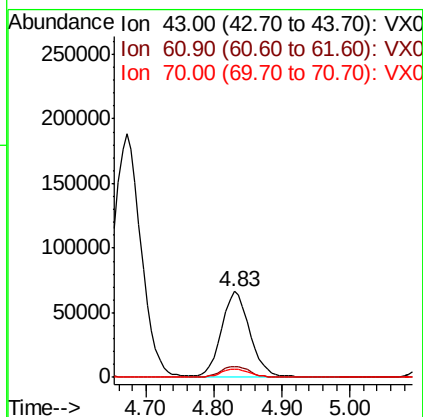
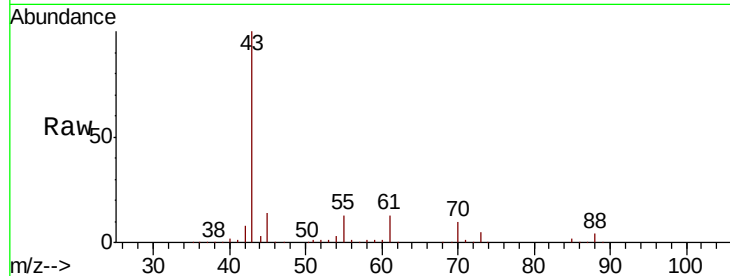




#37
Ethyl Acetate
Concen: 55.466 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

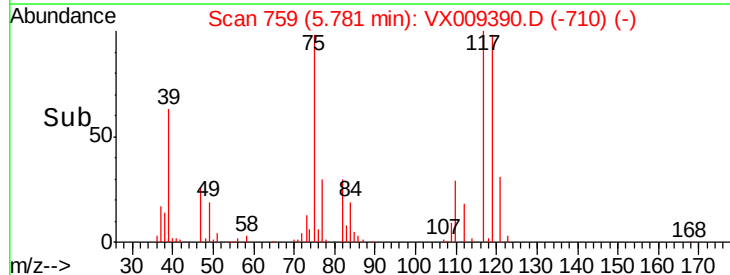
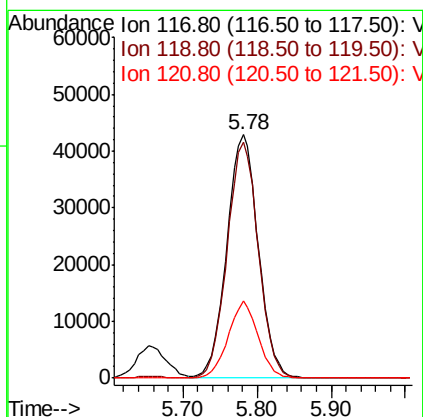
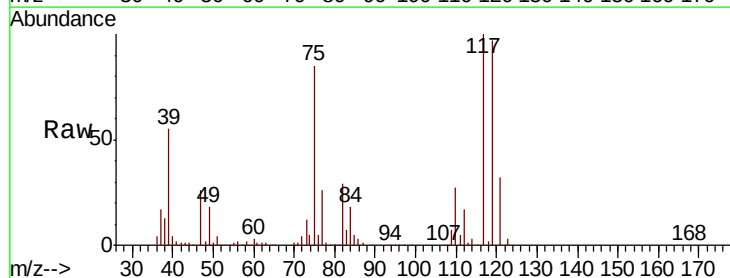
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

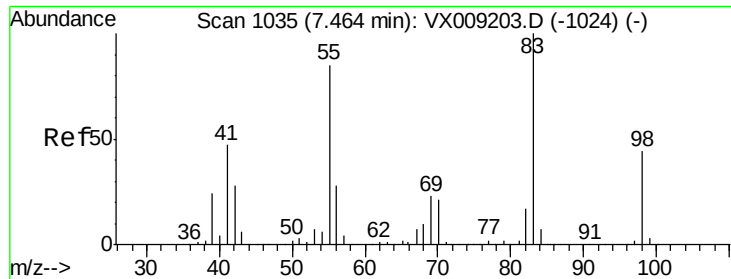
Tot Ion: 43 Resp: 192902
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 55.843 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion: 117 Resp: 126646
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 31.7 24.7 37.1

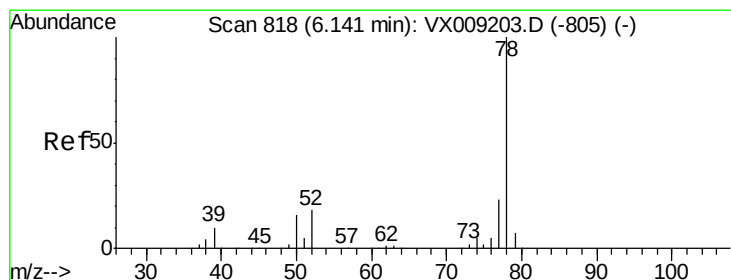
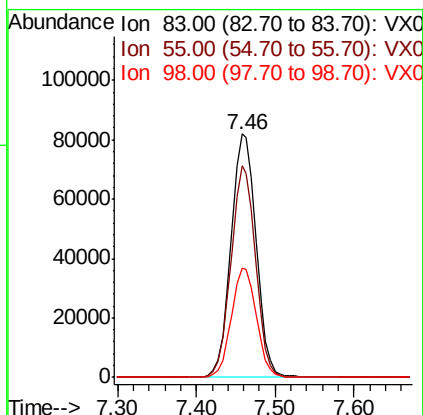
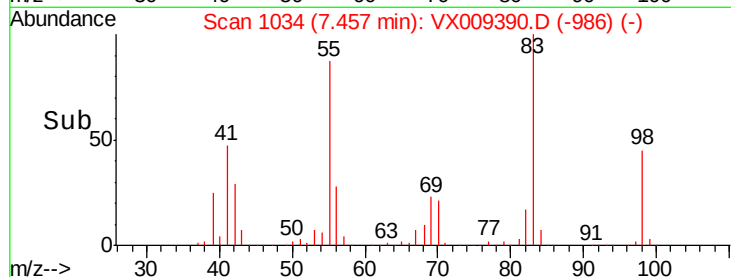
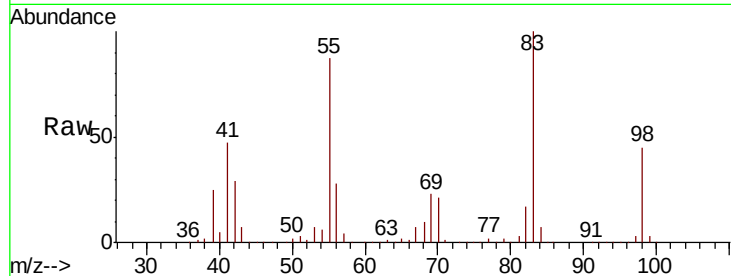




#39
Methylvlcyclohexane
Concen: 59.273 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

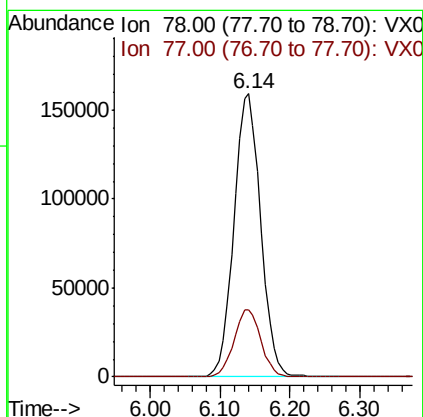
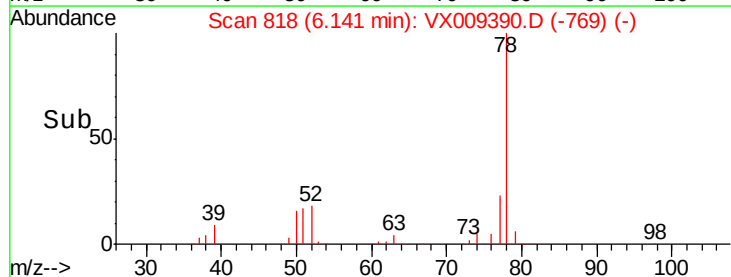
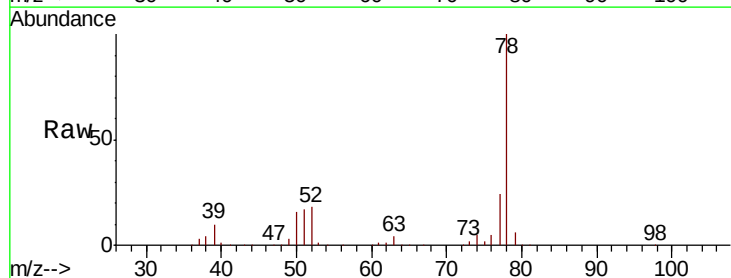
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

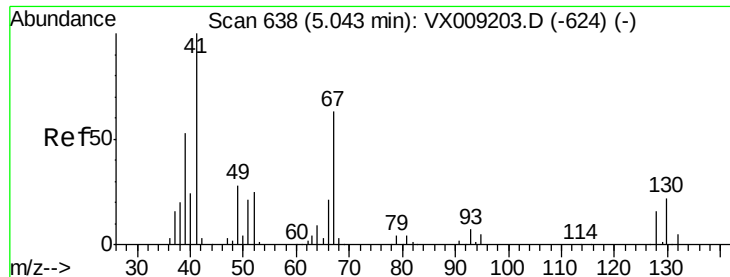
Tot Ion: 83 Resp: 181699
Ion Ratio Lower Upper
83 100
55 86.9 67.7 101.5
98 44.6 35.5 53.3



#40
Benzene
Concen: 54.569 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion: 78 Resp: 421550
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 51.094 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 105777

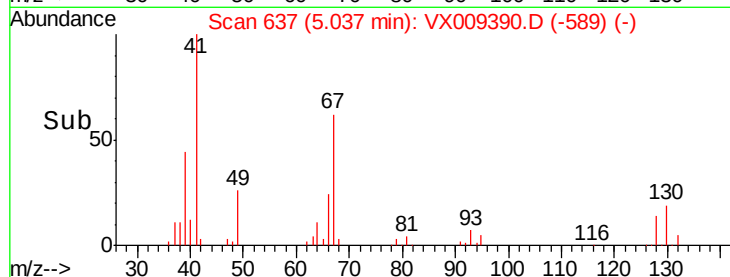
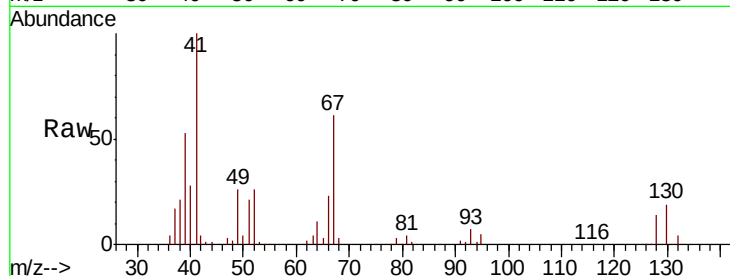
Ion Ratio Lower Upper

41 100

39 53.0 42.0 63.0

67 63.8 49.8 74.8

52 26.7 20.3 30.5

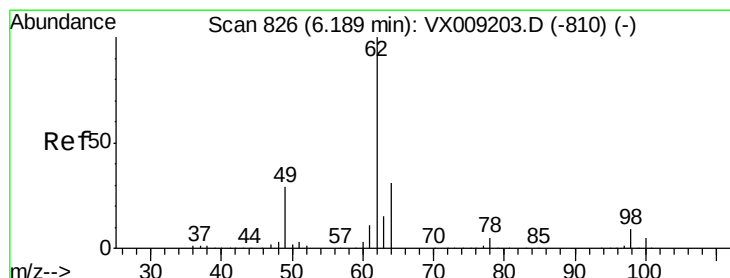
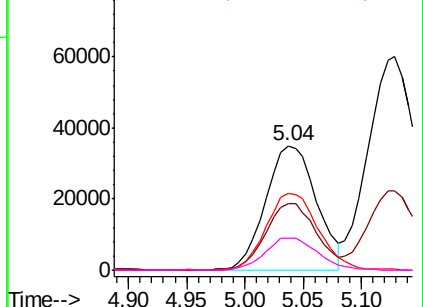


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.738 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009390.D

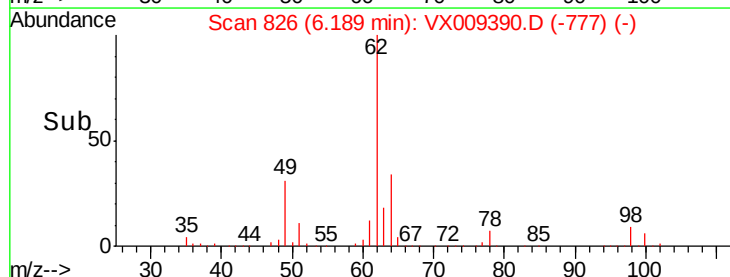
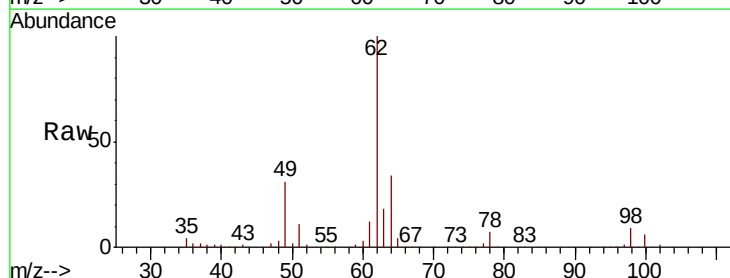
Acq: 08 May 2019 11:35

Tgt Ion: 62 Resp: 148913

Ion Ratio Lower Upper

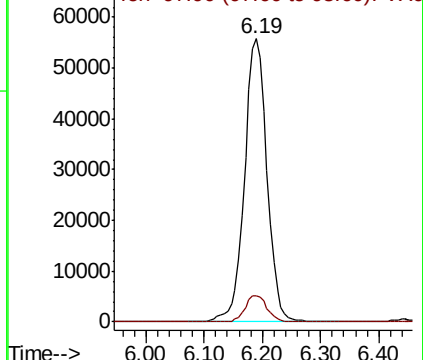
62 100

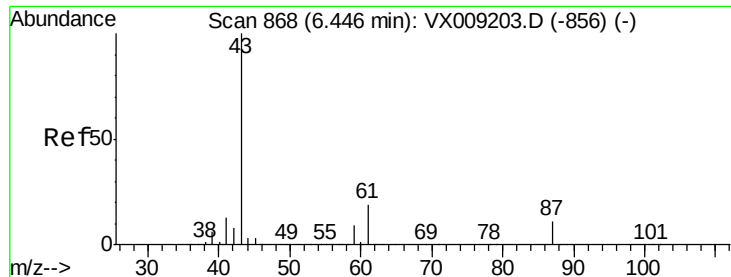
98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.776 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

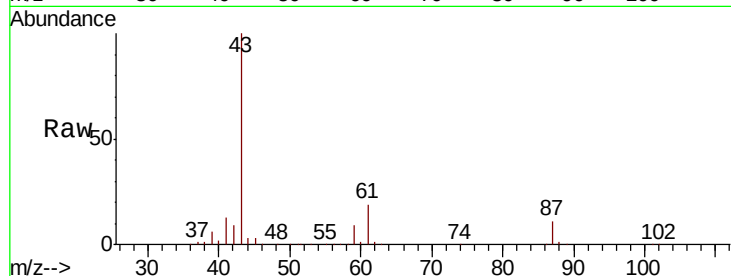
Tot Ion: 43 Resp: 304716

Ion Ratio Lower Upper

43 100

61 18.8 15.1 22.7

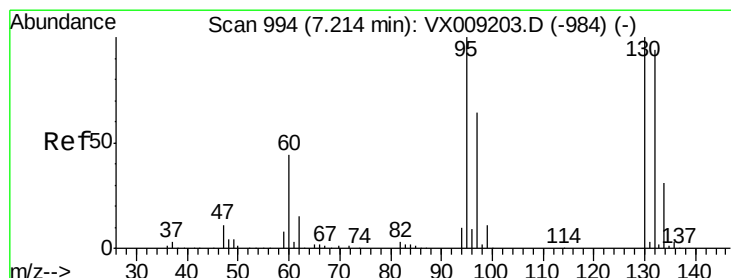
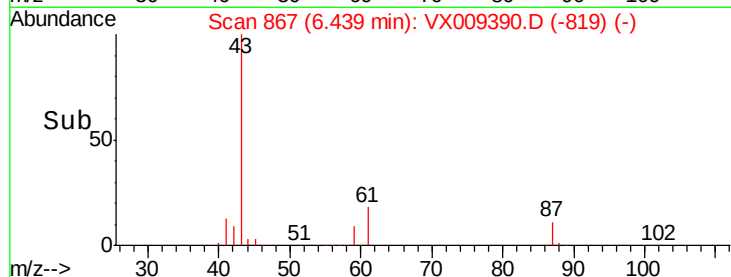
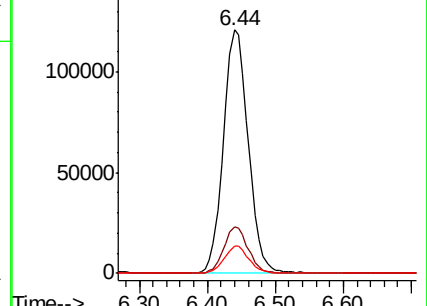
87 11.2 9.0 13.6



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: 54.626 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009390.D

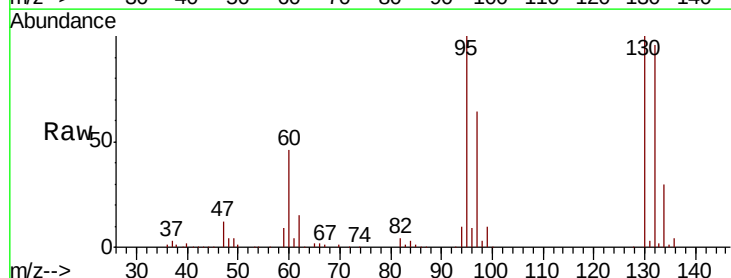
Acq: 08 May 2019 11:35

Tgt Ion:130 Resp: 102016

Ion Ratio Lower Upper

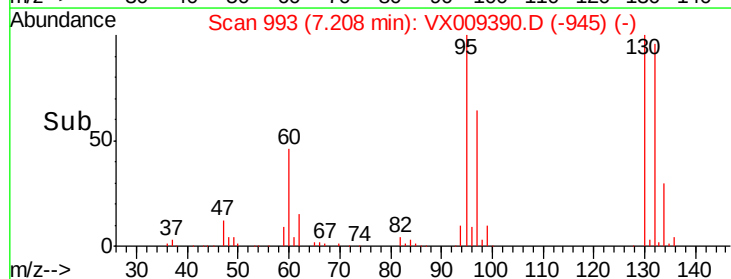
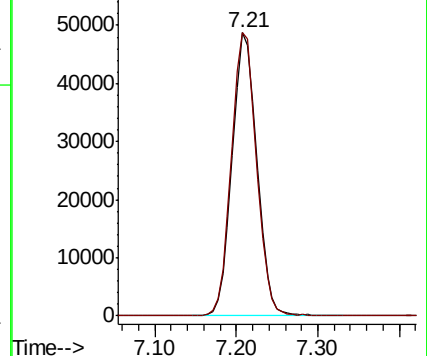
130 100

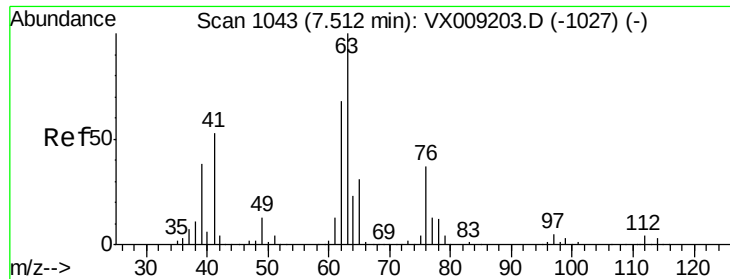
95 100.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

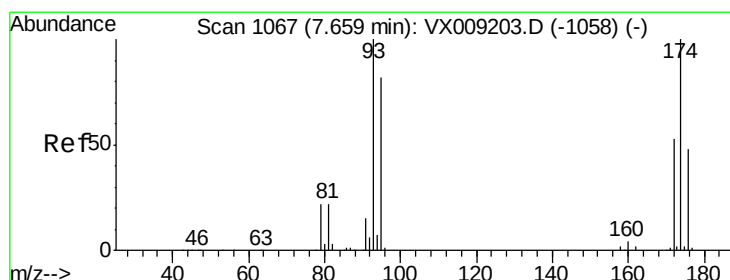
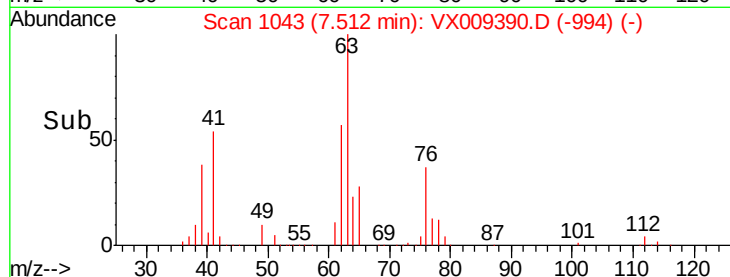
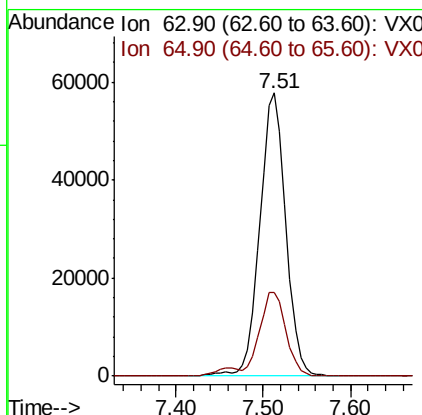
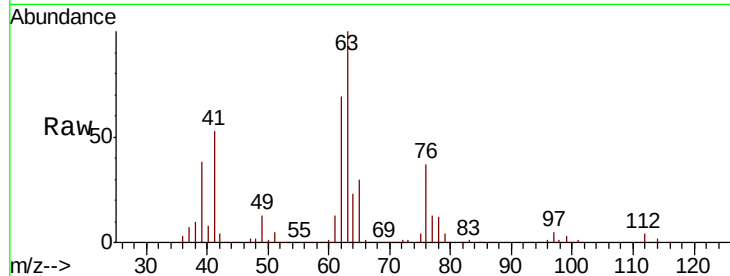




#45
 1,2-Dichloropropane
 Concen: 54.490 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

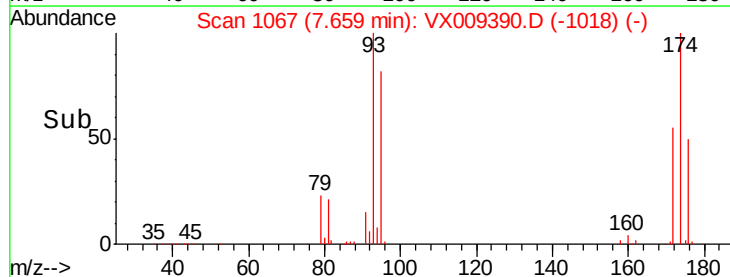
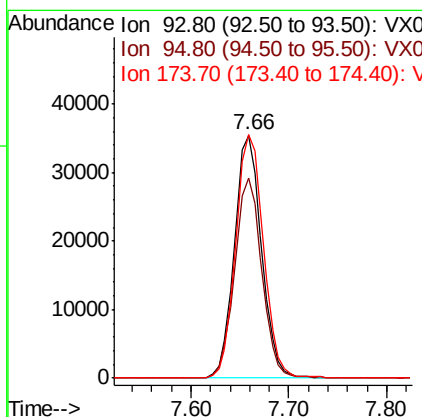
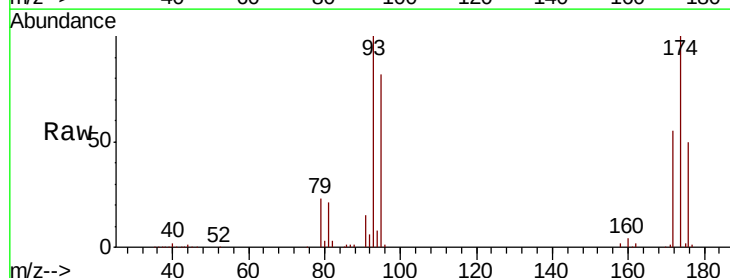
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

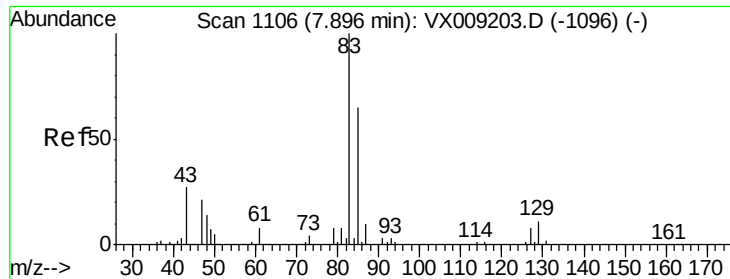
Tot Ion: 63 Resp: 119192
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6



#46
 Dibromomethane
 Concen: 53.763 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 93 Resp: 68292
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.5 99.7
 174 102.6 82.1 123.1





#47

Bromodichloromethane

Concen: 54.872 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

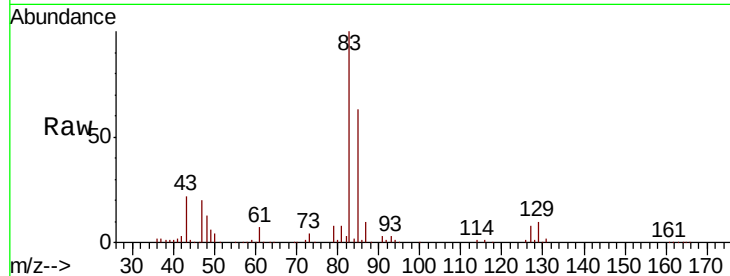
Tot Ion: 83 Resp: 139035

Ion Ratio Lower Upper

83 100

85 62.8 52.4 78.6

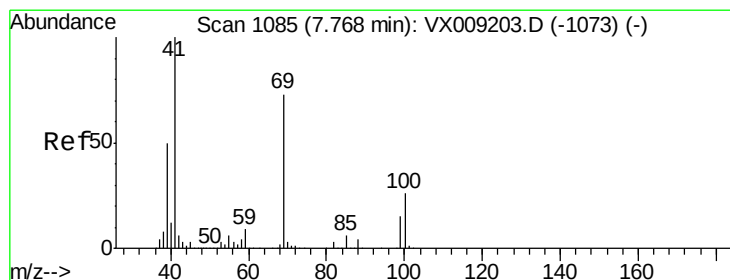
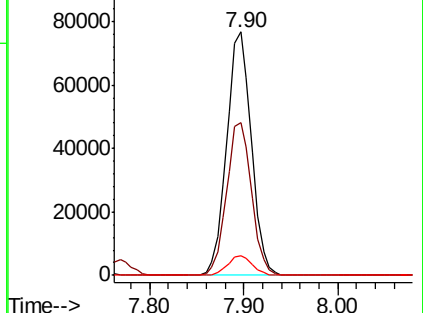
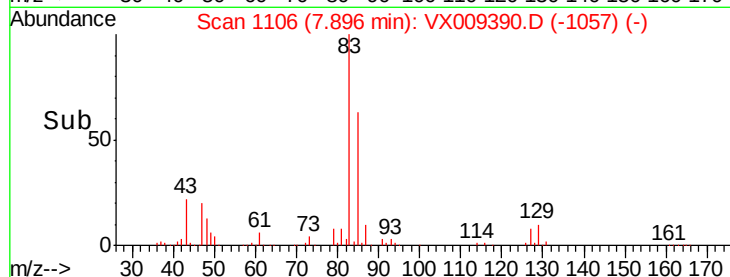
127 8.1 6.6 10.0



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: 55.728 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

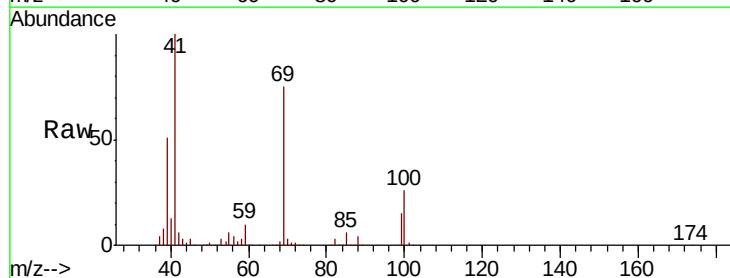
Tgt Ion: 41 Resp: 153806

Ion Ratio Lower Upper

41 100

69 72.9 59.1 88.7

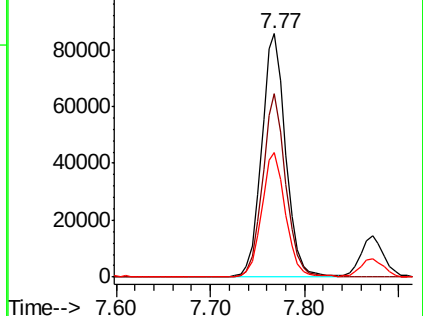
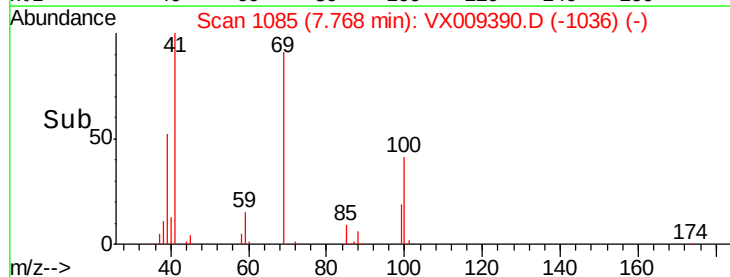
39 50.7 40.4 60.6

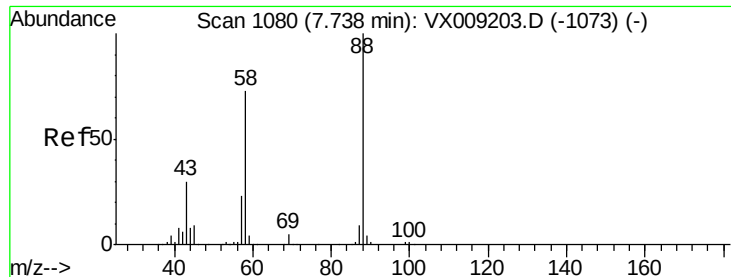


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

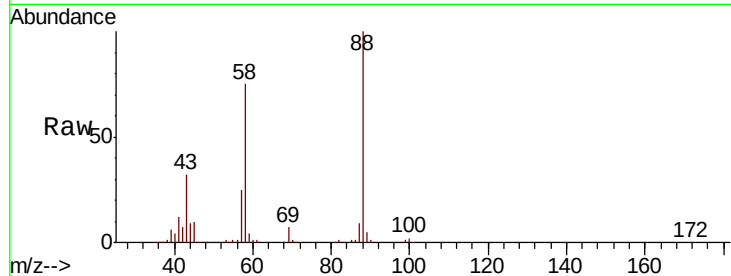




#49
1,4-Dioxane
Concen: 1069.094 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	59838
Ion	Ratio	Lower	Upper
88	100		
43	36.4	28.6	42.8
58	77.0	61.7	92.5

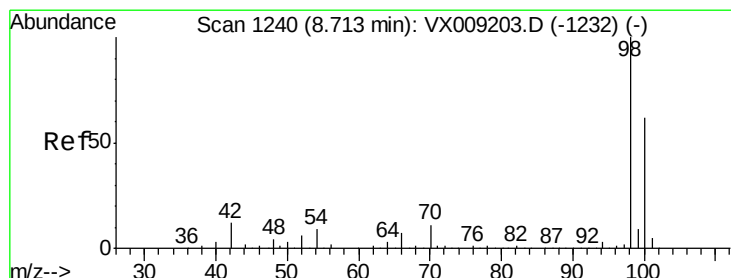
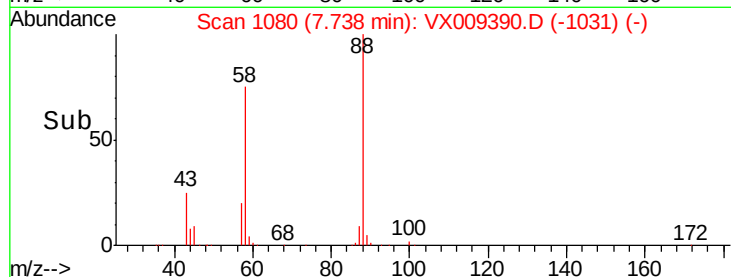
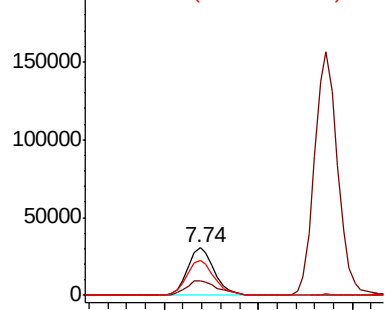


Abundance

Ion 88.00 (87.70 to 88.70): VX0

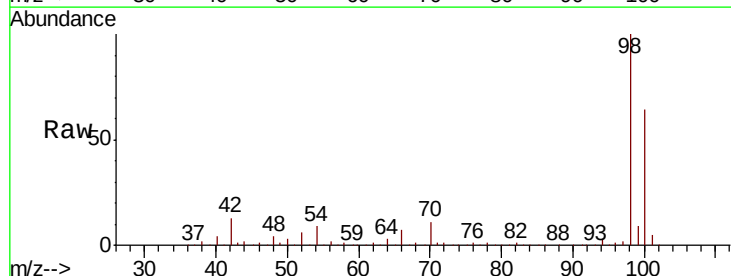
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.103 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

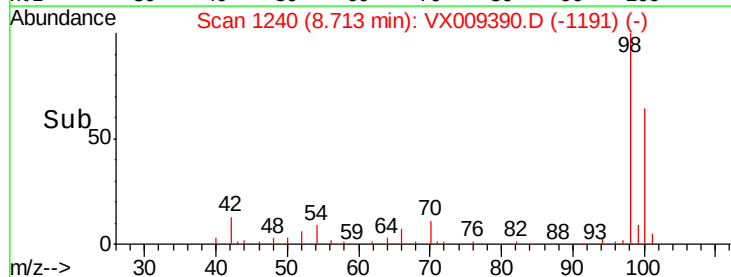
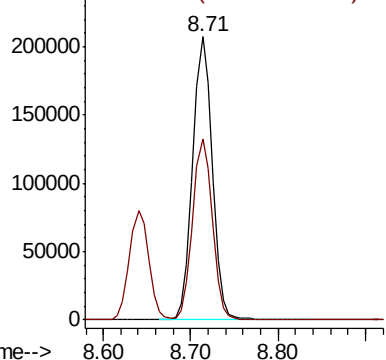
Tgt Ion	98	Resp	321095
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8

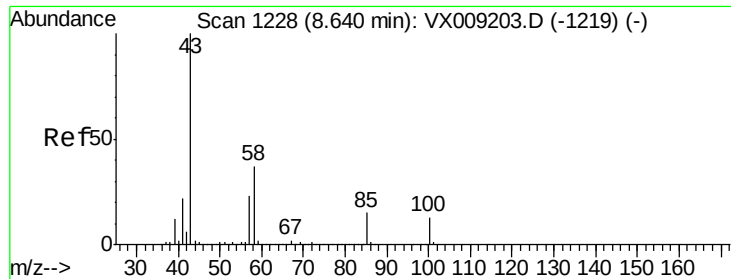


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 273.052 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

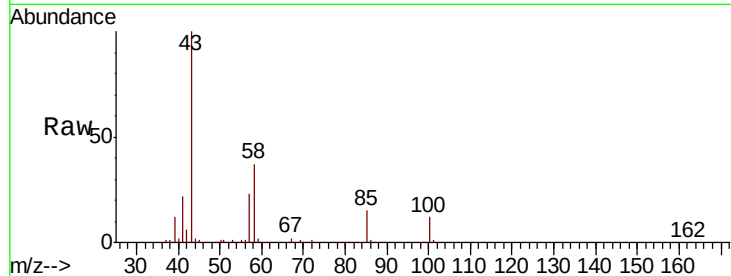
VSTDCCC050

Tot Ion: 43 Resp: 992833

Ion Ratio Lower Upper

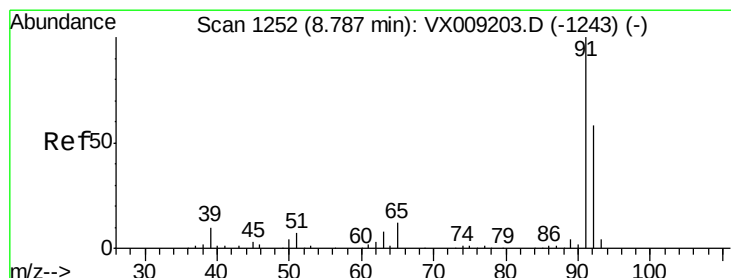
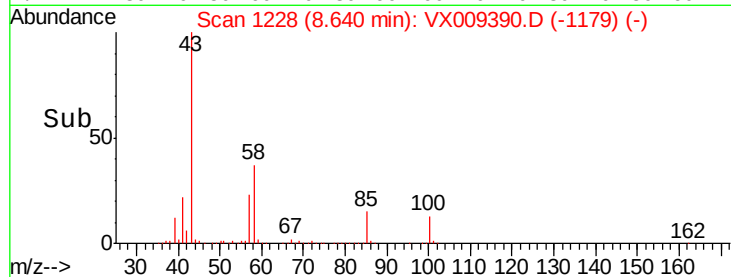
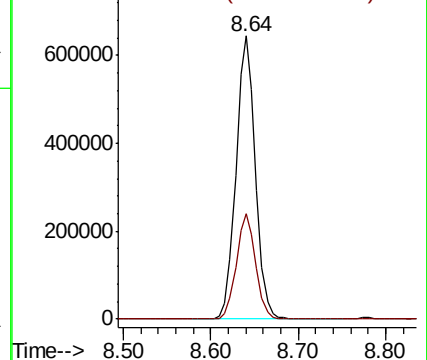
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.793 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009390.D

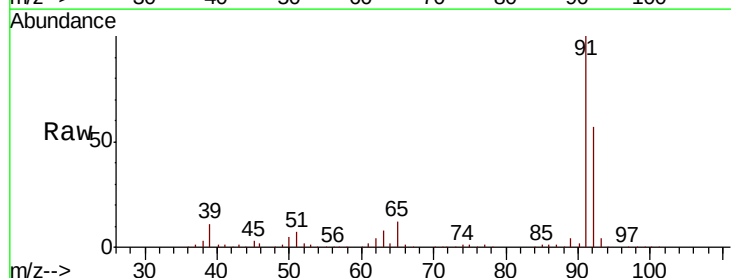
Acq: 08 May 2019 11:35

Tgt Ion: 92 Resp: 257297

Ion Ratio Lower Upper

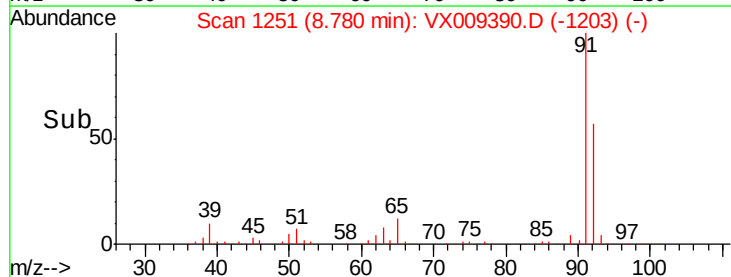
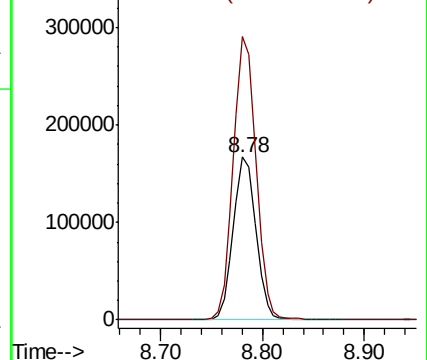
92 100

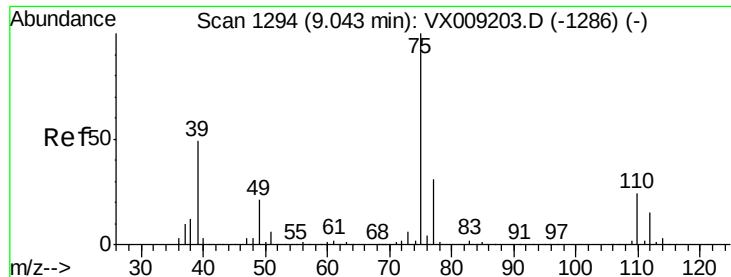
91 174.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 57.330 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

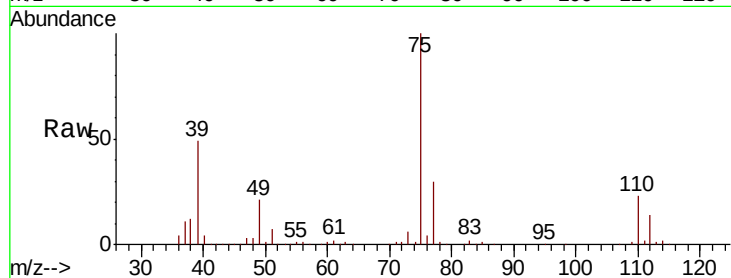
VSTDCCC050

Tot Ion: 75 Resp: 164005

Ion Ratio Lower Upper

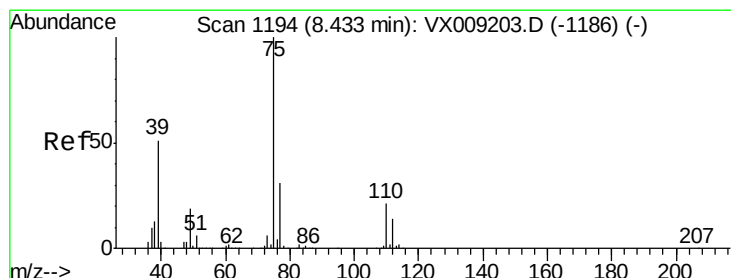
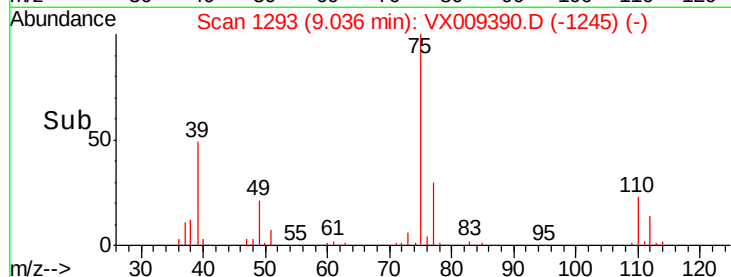
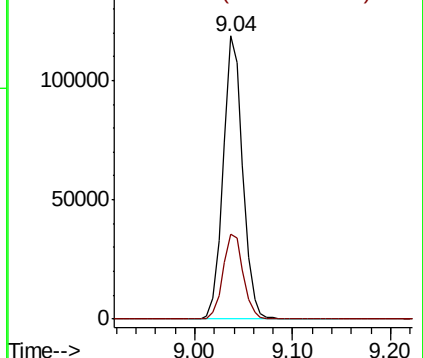
75 100

77 30.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 56.589 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

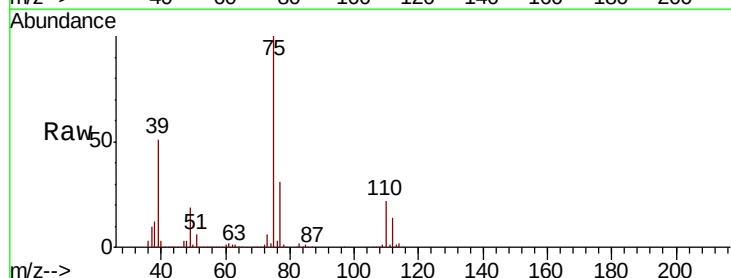
Tgt Ion: 75 Resp: 179182

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

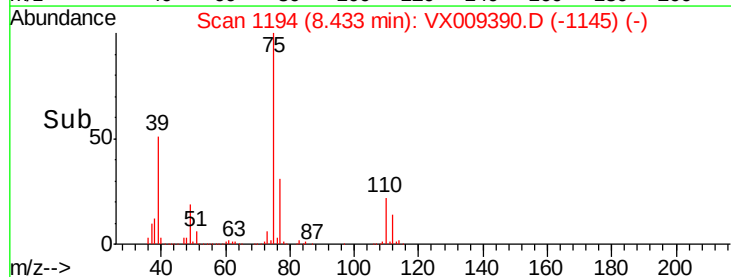
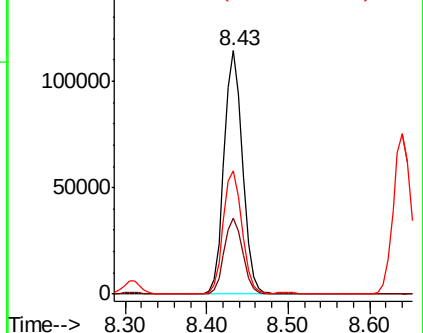
39 50.7 40.6 60.8

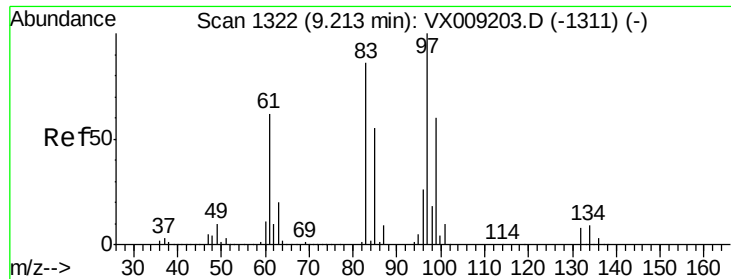


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 53.592 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 102669

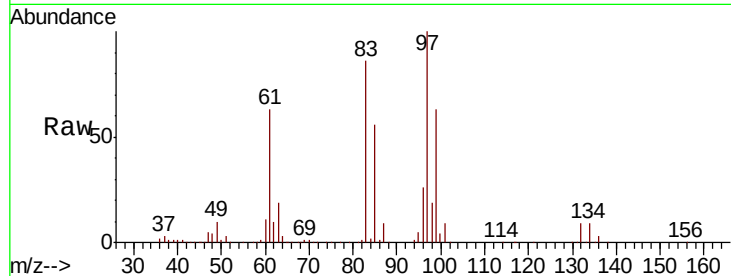
Ion Ratio Lower Upper

97 100

83 86.4 68.9 103.3

85 56.3 43.8 65.6

99 62.6 48.2 72.2

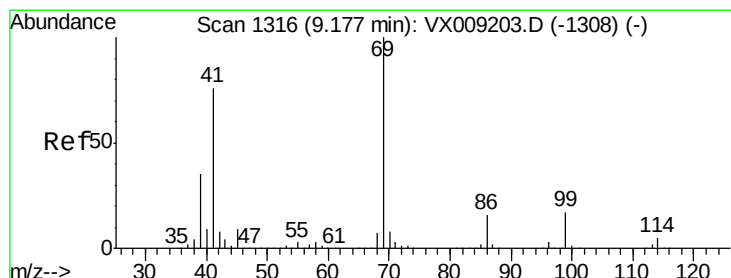
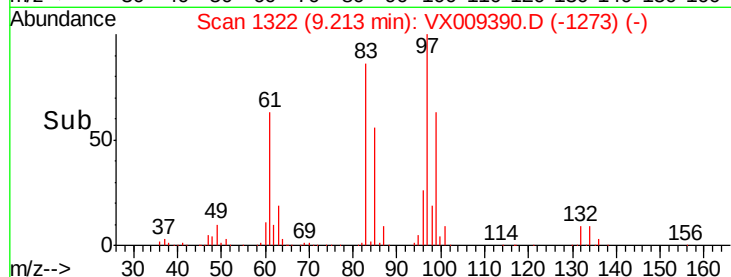
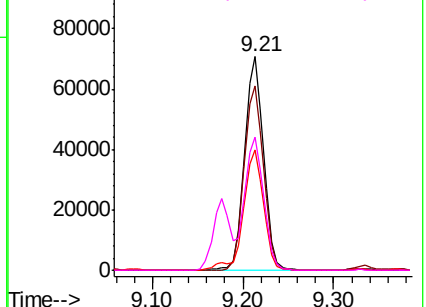


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.289 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

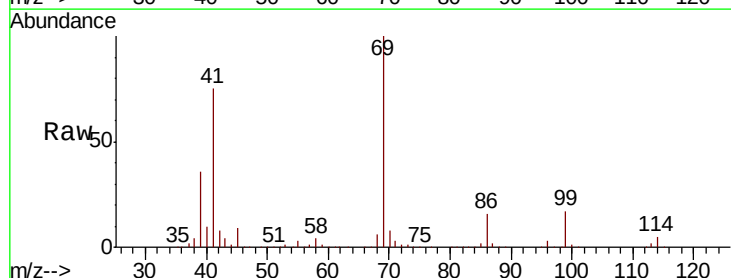
Tgt Ion: 69 Resp: 189075

Ion Ratio Lower Upper

69 100

41 75.9 60.6 90.8

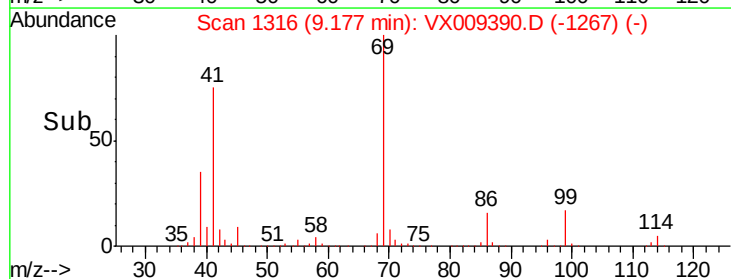
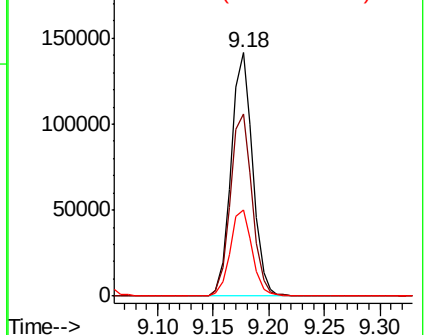
39 36.2 28.2 42.4

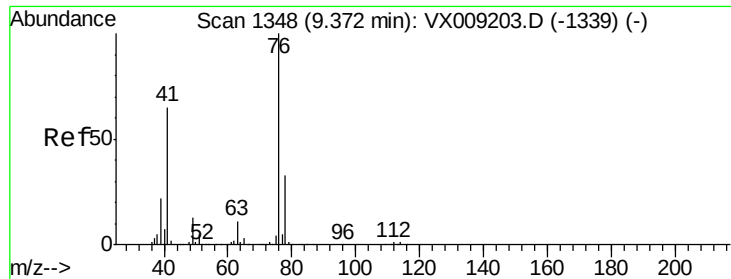


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

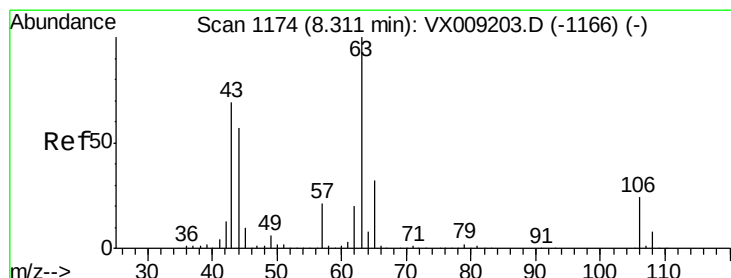
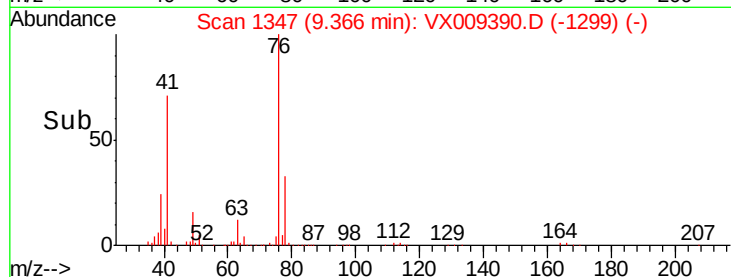
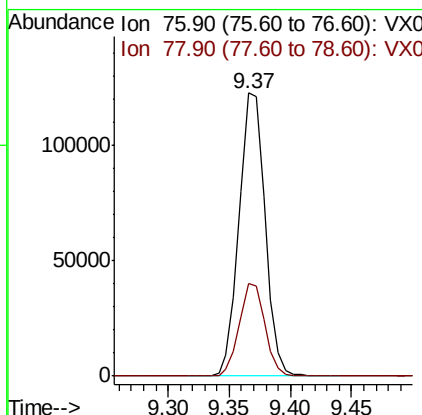
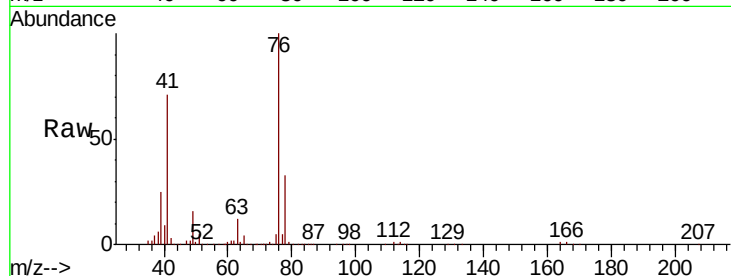




#57
 1,3-Dichloropropane
 Concen: 53.544 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

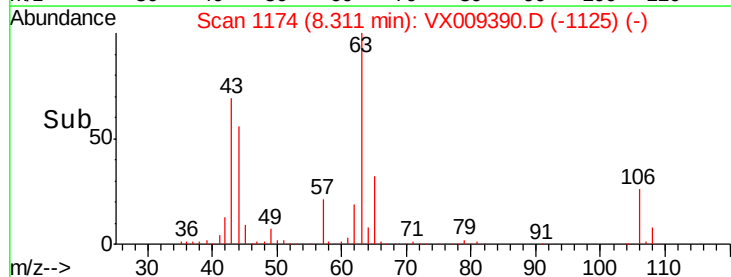
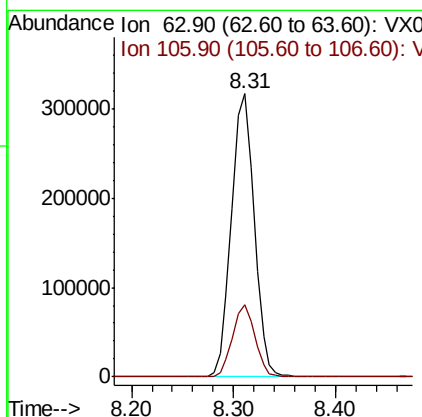
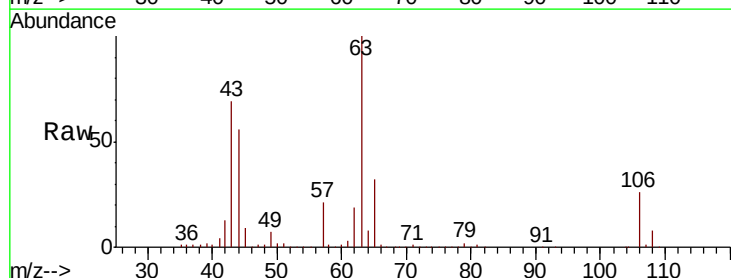
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

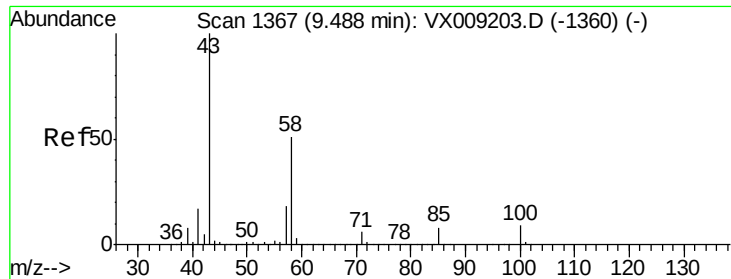
Tot Ion: 76 Resp: 180511
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.239 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 63 Resp: 490259
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.7 29.5

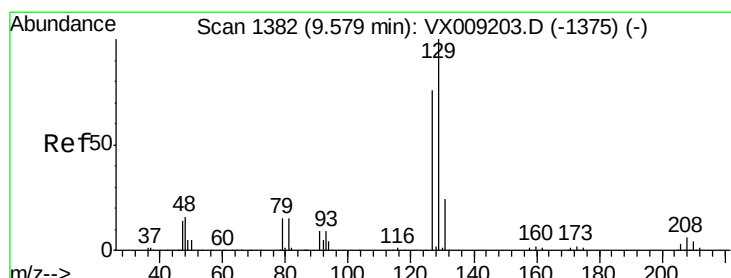
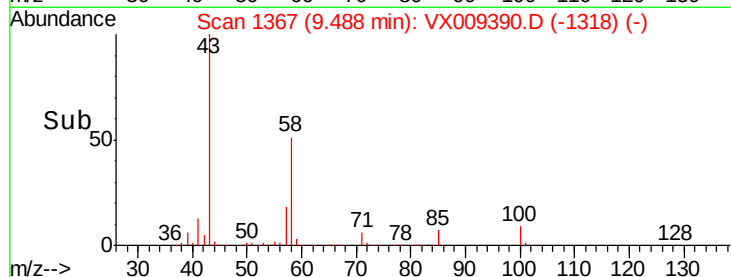
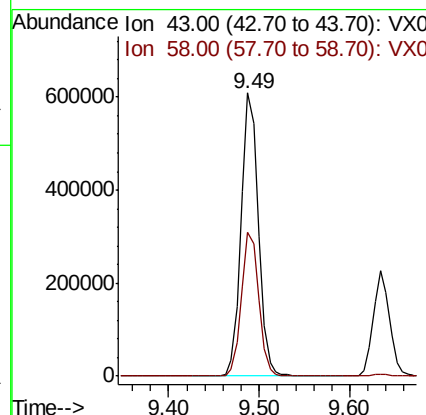
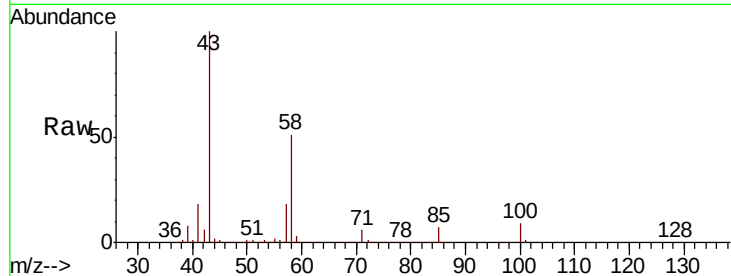




#59
2-Hexanone
Concen: 282.379 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

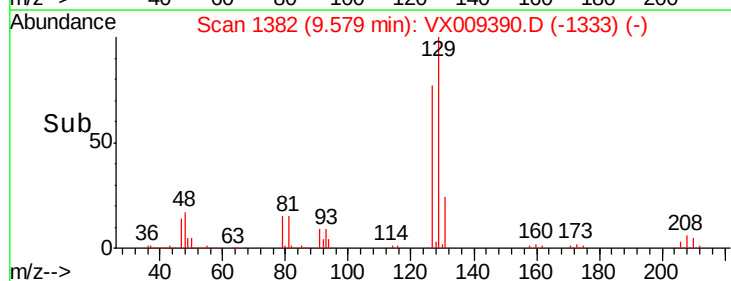
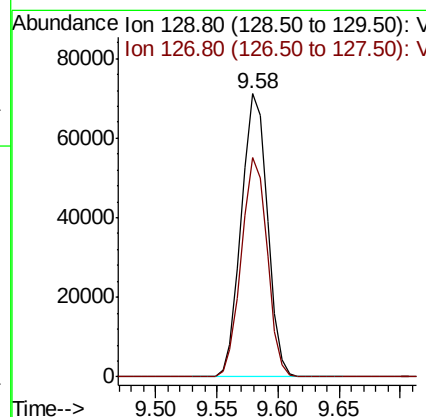
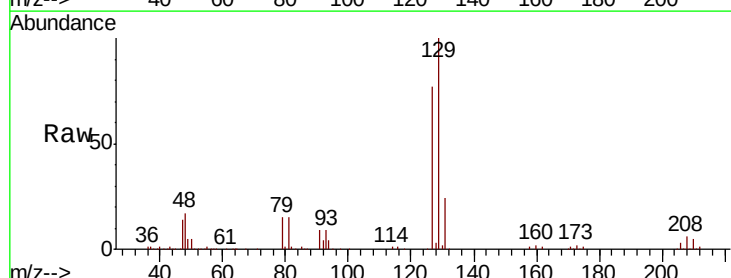
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

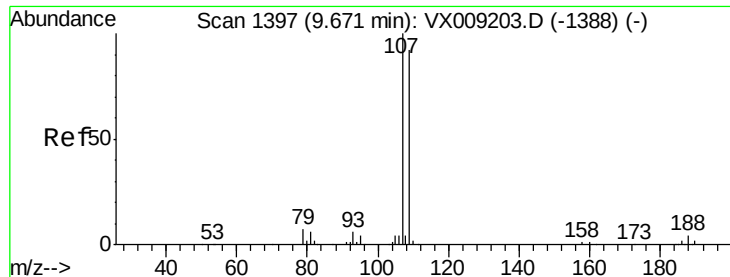
Tot Ion: 43 Resp: 806396
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7



#60
Dibromochloromethane
Concen: 56.352 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion:129 Resp: 105441
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.675 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

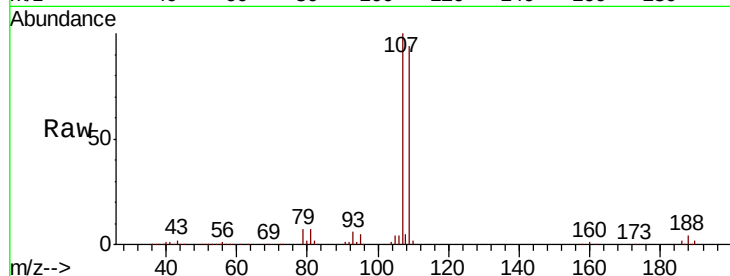
VSTDCCC050

Tot Ion:107 Resp: 105732

Ion Ratio Lower Upper

107 100

109 94.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

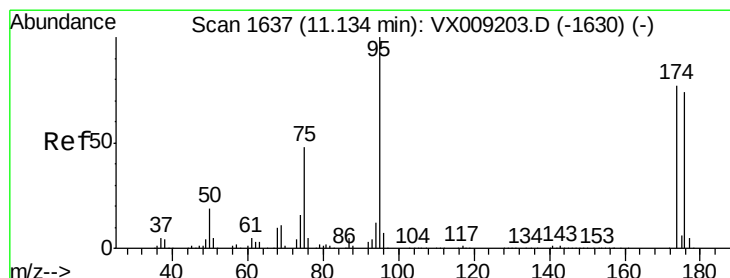
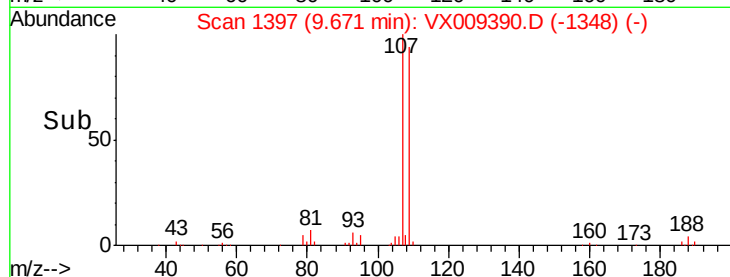
40000

20000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 48.127 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

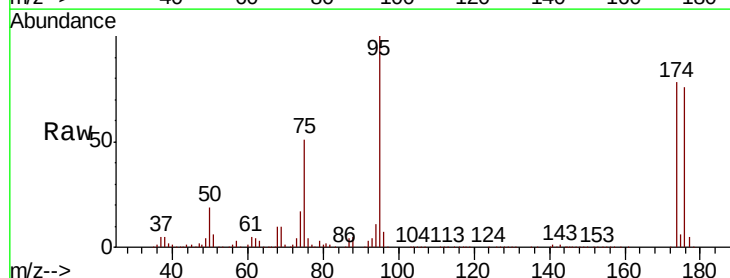
Tgt Ion: 95 Resp: 119212

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

176 80.0 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

120000

100000

80000

60000

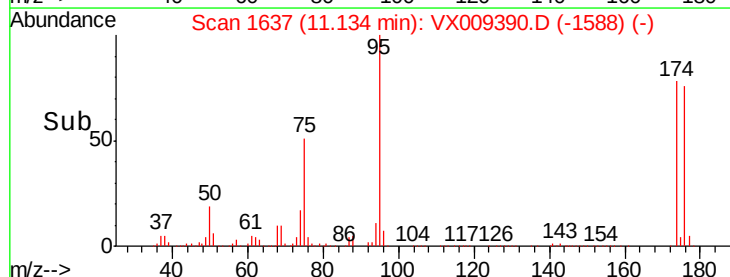
40000

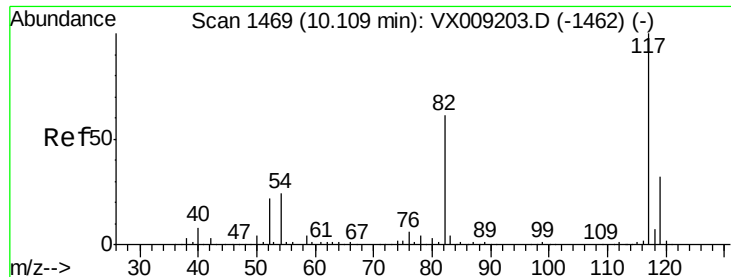
20000

0

Time-->

11.10 11.20

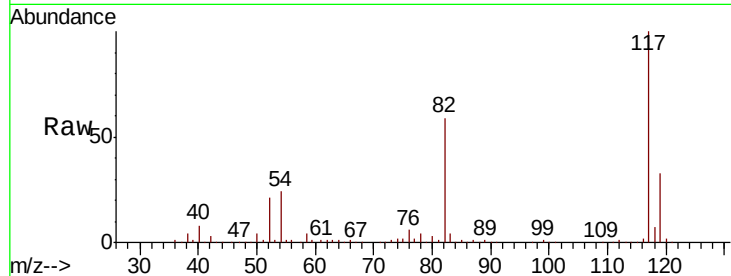




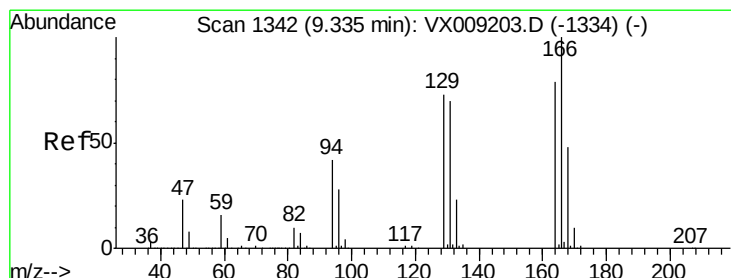
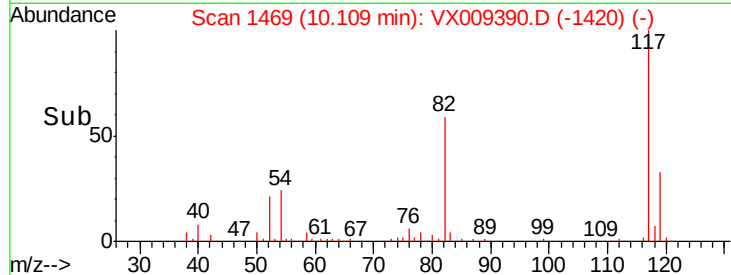
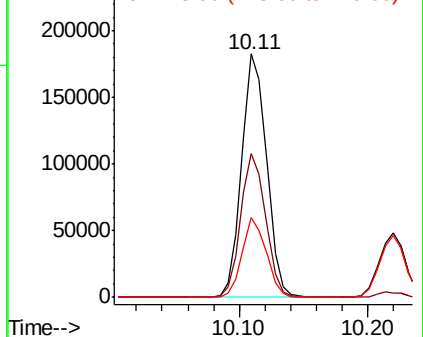
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 244442
Ion Ratio Lower Upper
117 100
82 59.1 48.8 73.2
119 32.6 25.8 38.6



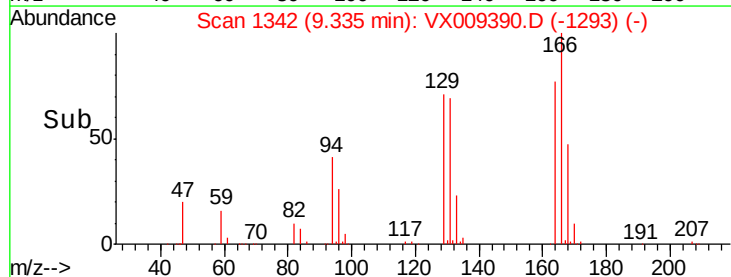
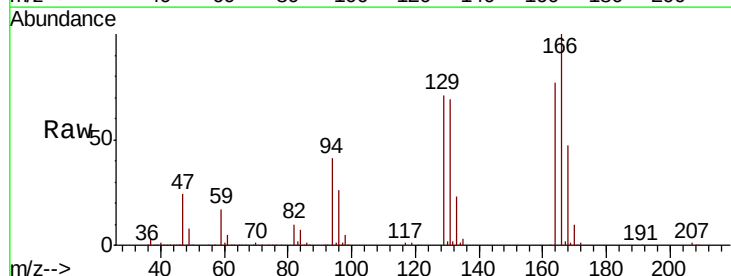
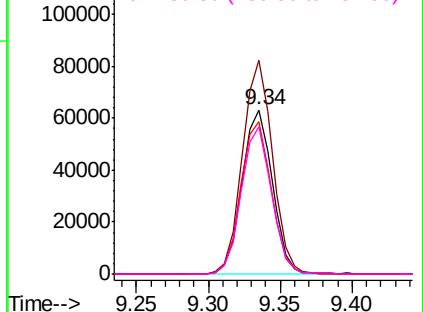
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

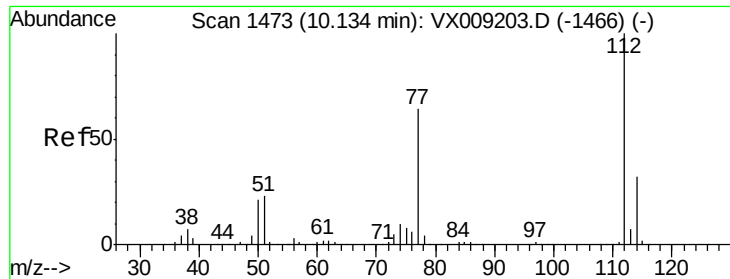


#64
Tetrachloroethene
Concen: 54.922 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion:164 Resp: 92092
Ion Ratio Lower Upper
164 100
166 130.3 101.2 151.8
129 93.1 74.3 111.5
131 90.1 71.0 106.6

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

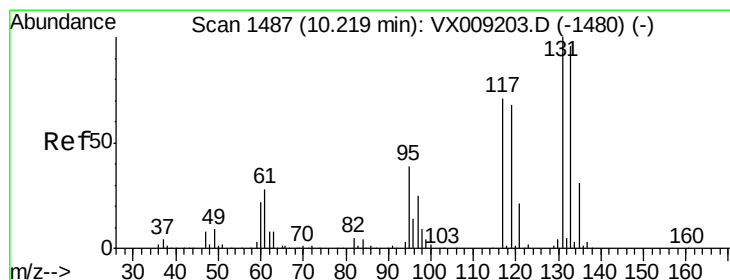
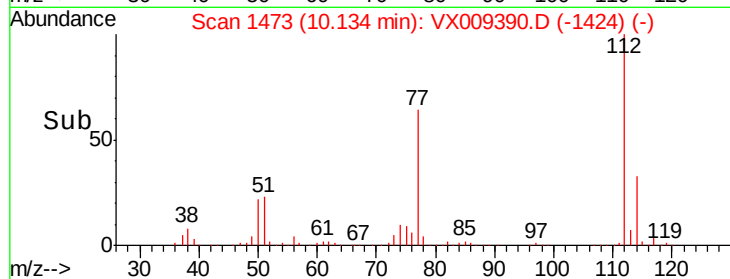
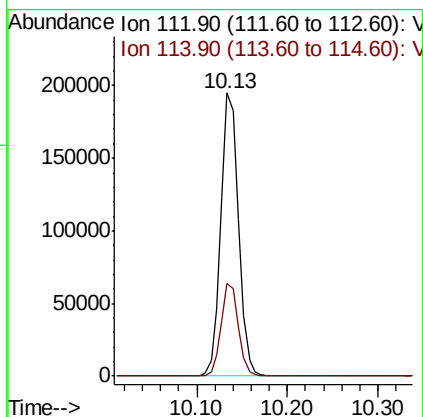
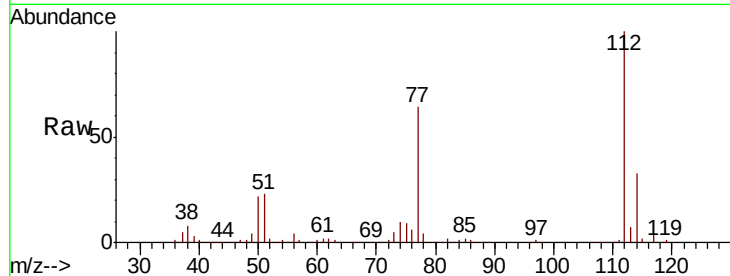




#65
Chlorobenzene
Concen: 54.475 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

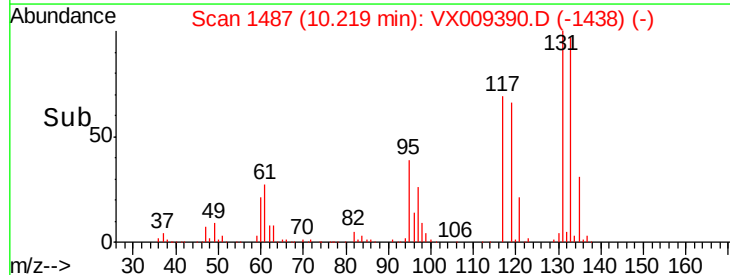
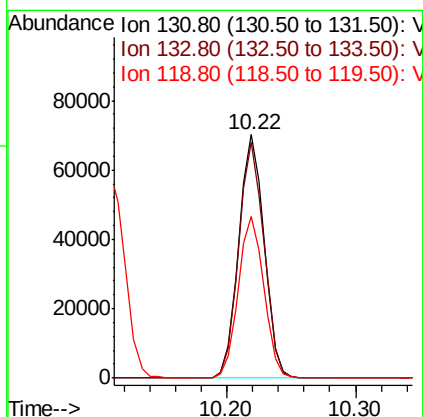
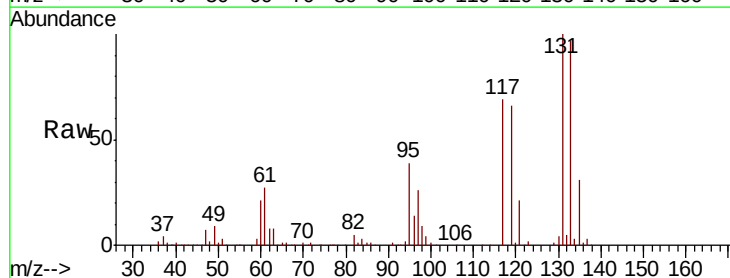
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

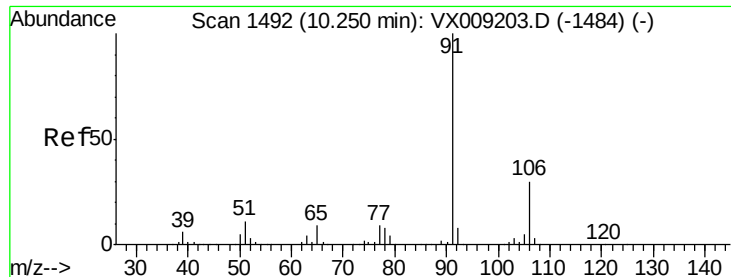
Tot Ion:112 Resp: 266381
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.991 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion:131 Resp: 95715
Ion Ratio Lower Upper
131 100
133 96.8 47.7 143.1
119 67.1 33.5 100.4

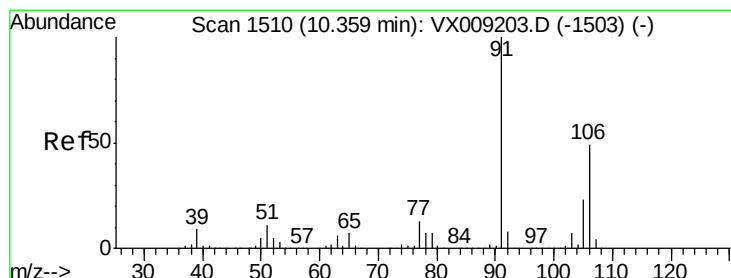
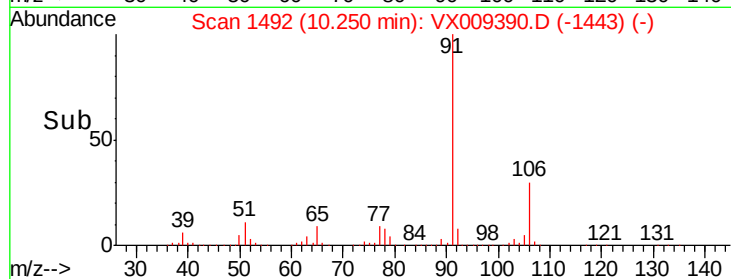
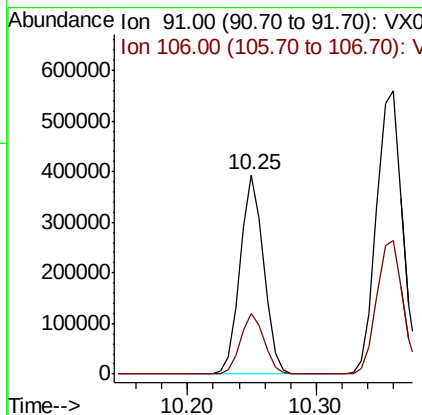
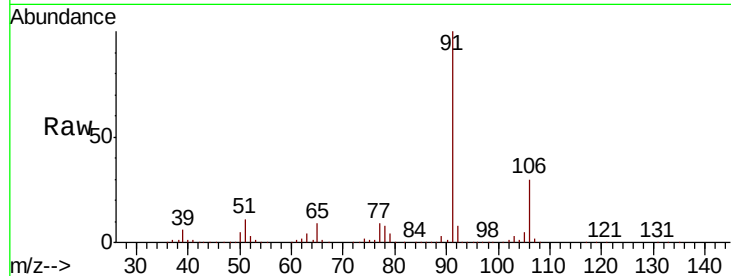




#67
Ethyl Benzene
Concen: 55.309 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

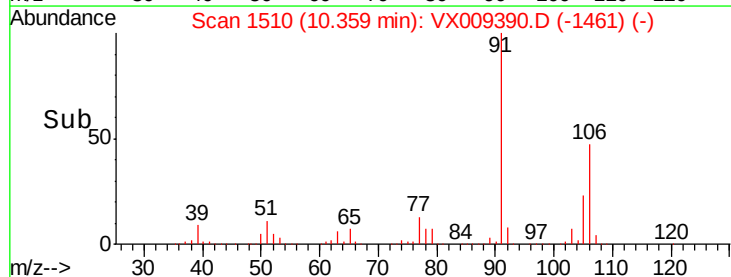
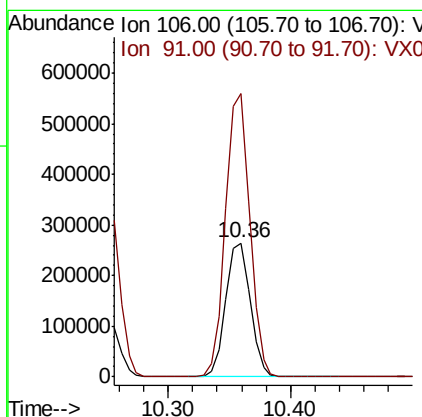
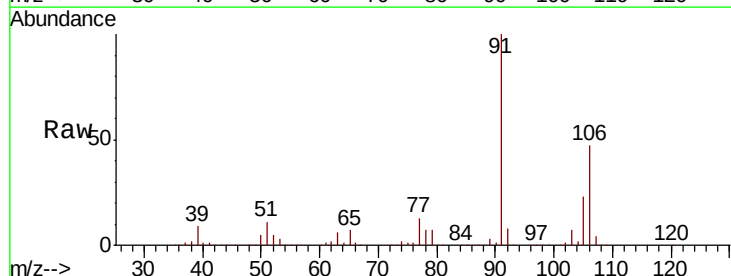
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

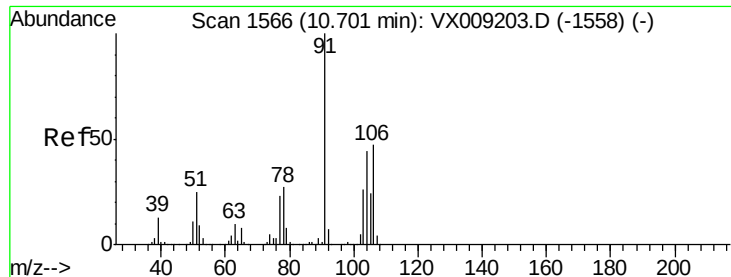
Tot Ion: 91 Resp: 497747
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 111.816 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion: 106 Resp: 367722
Ion Ratio Lower Upper
106 100
91 209.5 164.0 246.0

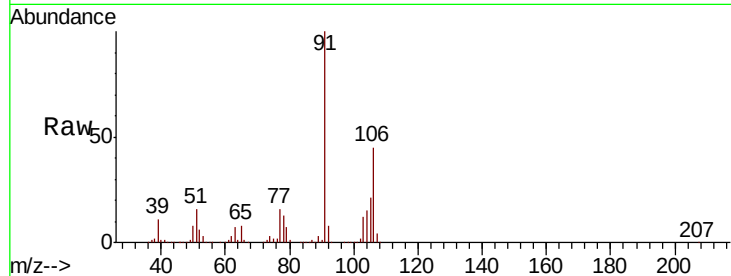




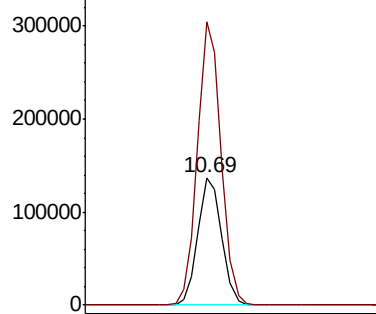
#69
o-Xylene
Concen: 55.203 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

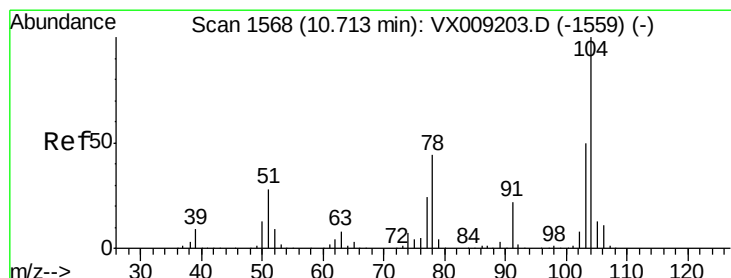
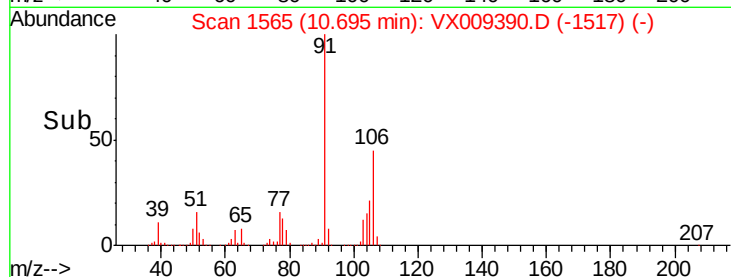
Tot Ion:106 Resp: 179121
Ion Ratio Lower Upper
106 100
91 219.2 109.5 328.4



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

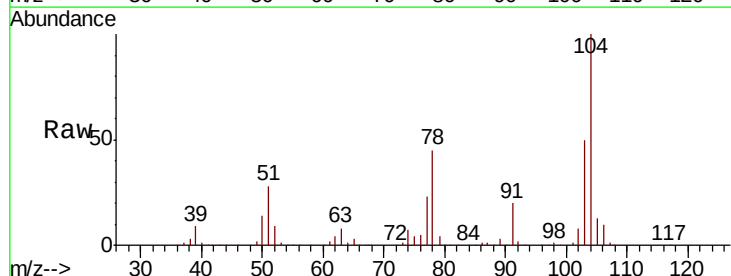


Time-->

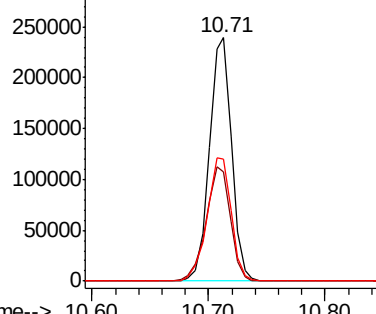


#70
Styrene
Concen: 56.200 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

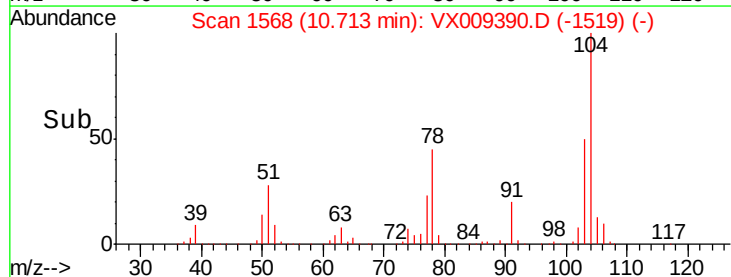
Tgt Ion:104 Resp: 316946
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.2 43.8 65.6

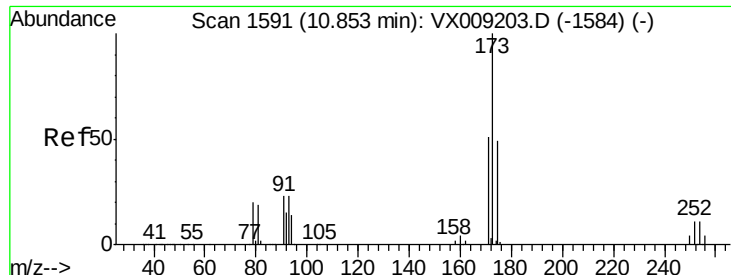


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 56.374 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

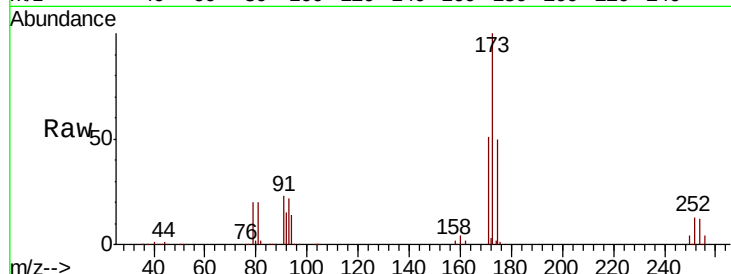
Tot Ion:173 Resp: 81217

Ion Ratio Lower Upper

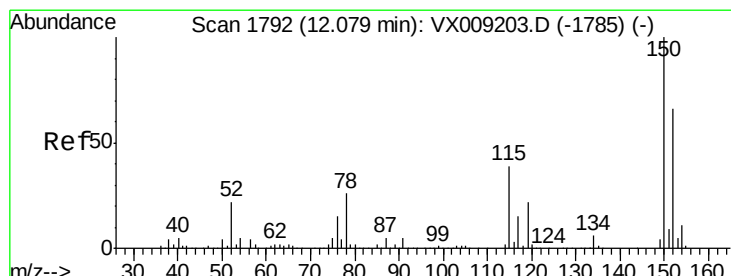
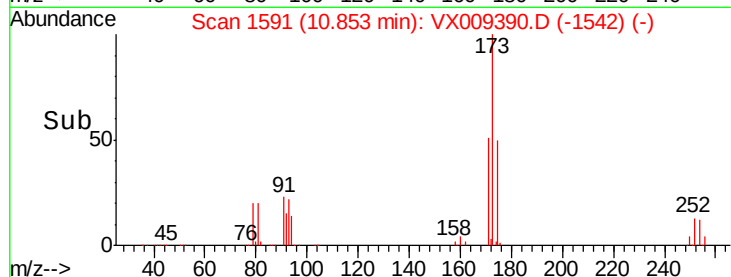
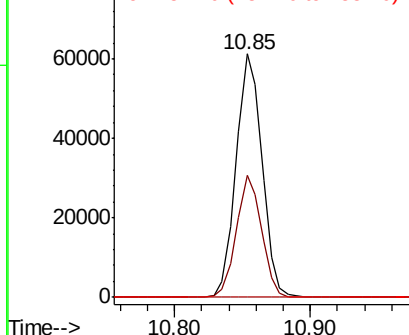
173 100

175 48.7 24.5 73.5

254 0.1 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: VX009390.D

Acq: 08 May 2019 11:35

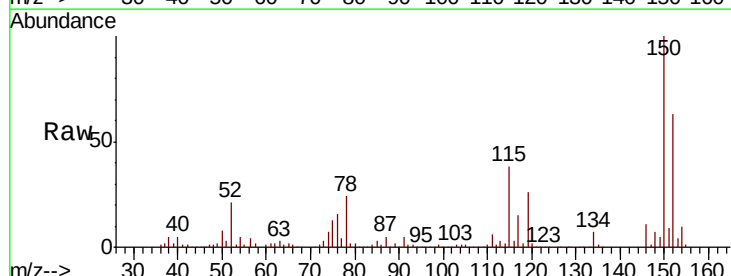
Tgt Ion:152 Resp: 126626

Ion Ratio Lower Upper

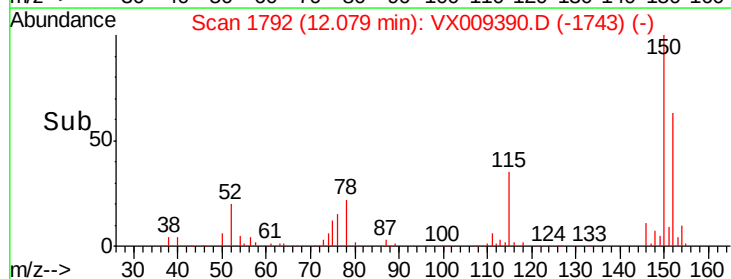
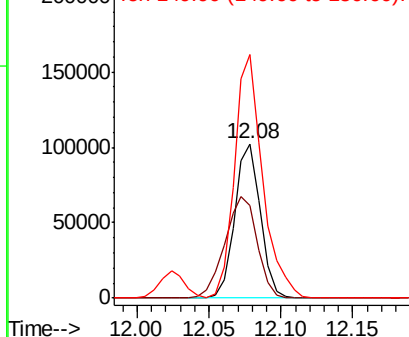
152 100

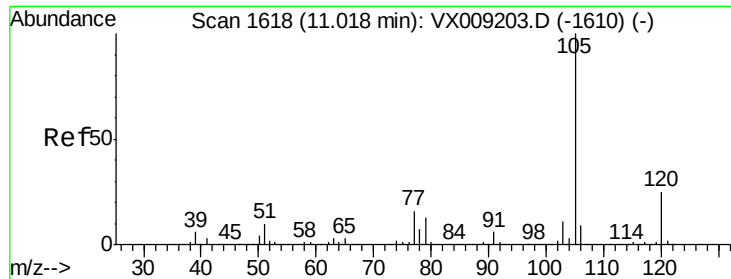
115 84.0 41.2 123.6

150 173.4 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: 52.655 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

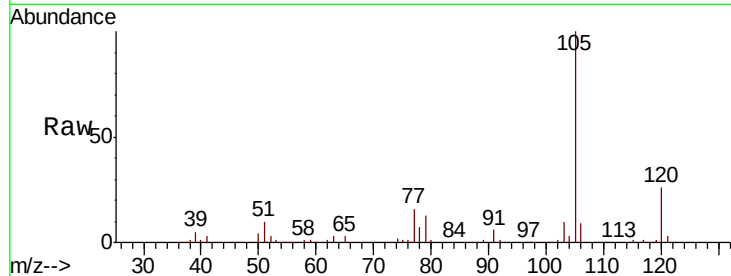
VSTDCCC050

Tot Ion:105 Resp: 484850

Ion Ratio Lower Upper

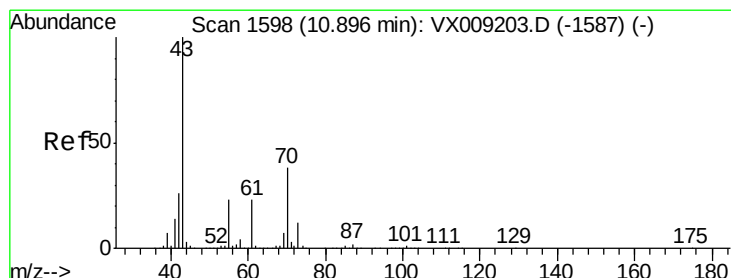
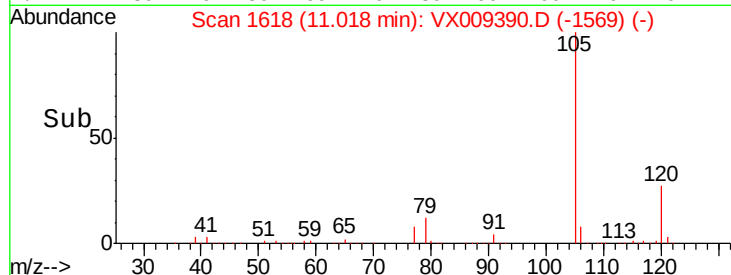
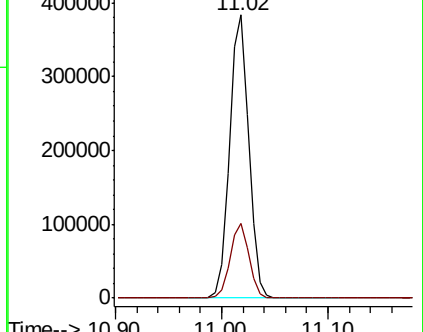
105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.991 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion: 43 Resp: 284479

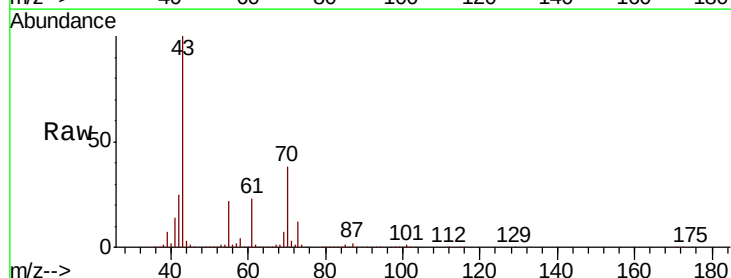
Ion Ratio Lower Upper

43 100

70 37.1 30.0 45.0

55 22.3 17.9 26.9

61 22.5 18.4 27.6

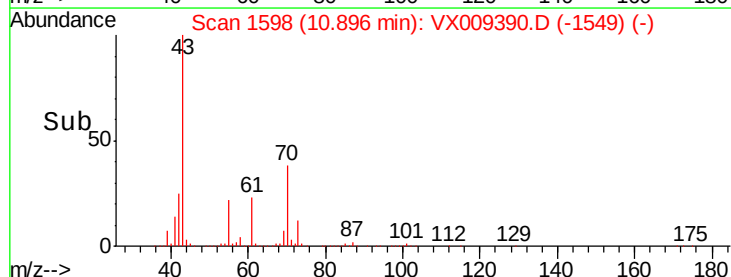
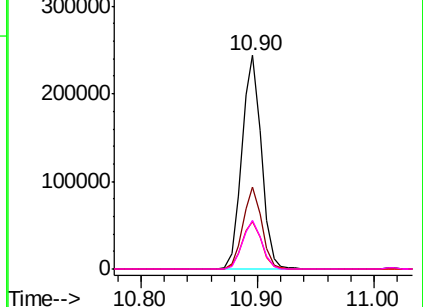


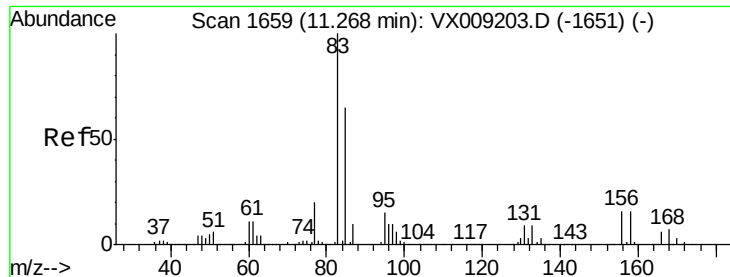
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.650 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

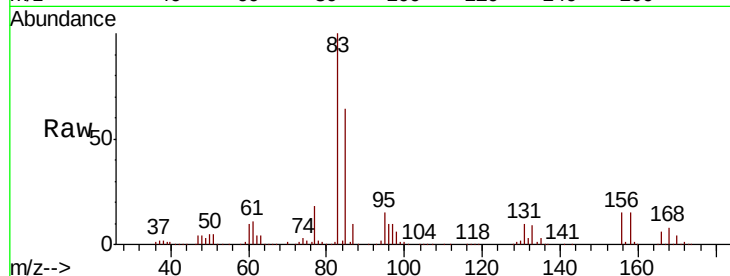
Tot Ion: 83 Resp: 173864

Ion Ratio Lower Upper

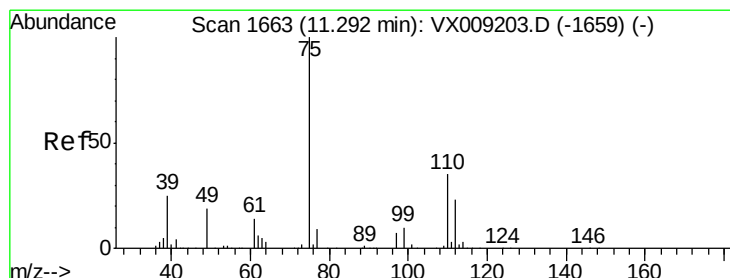
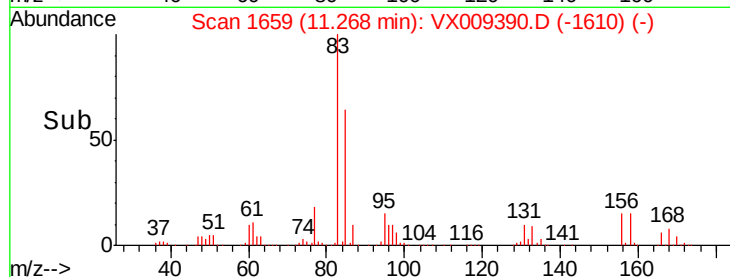
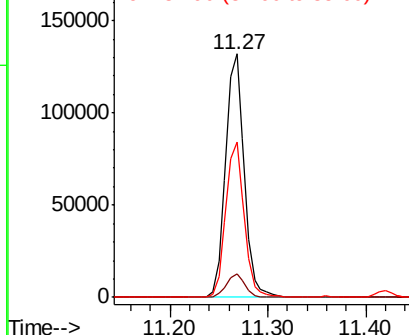
83 100

131 9.5 4.6 13.8

85 63.7 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: 71.053 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009390.D

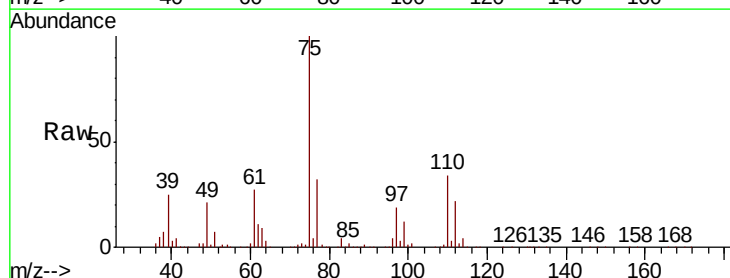
Acq: 08 May 2019 11:35

Tgt Ion: 75 Resp: 208702

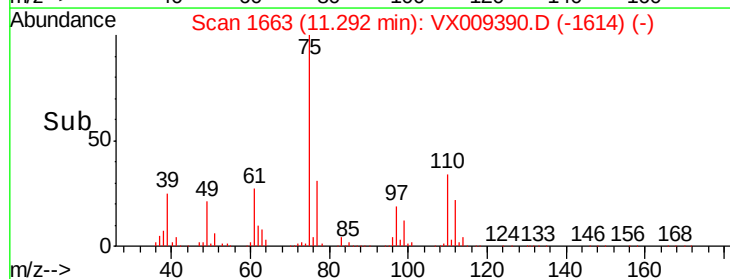
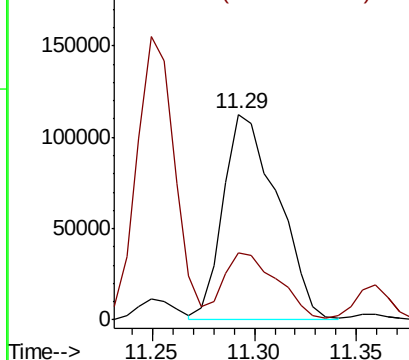
Ion Ratio Lower Upper

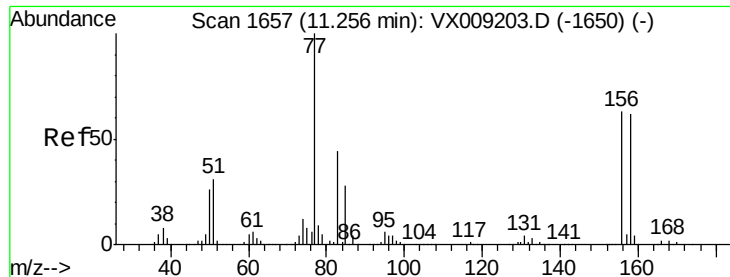
75 100

77 32.3 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: 51.808 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

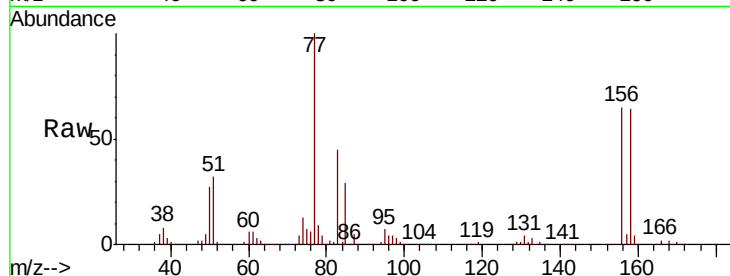
Tot Ion:156 Resp: 118406

Ion Ratio Lower Upper

156 100

77 168.4 84.8 254.3

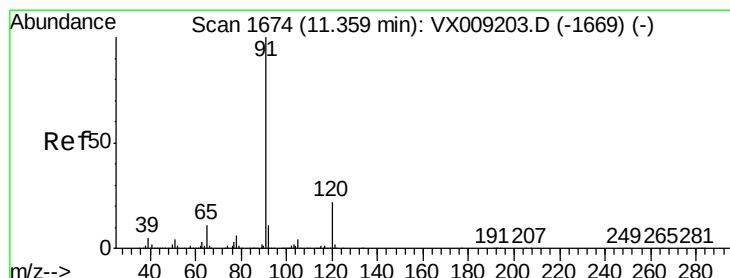
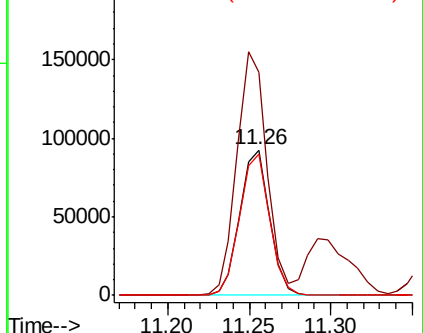
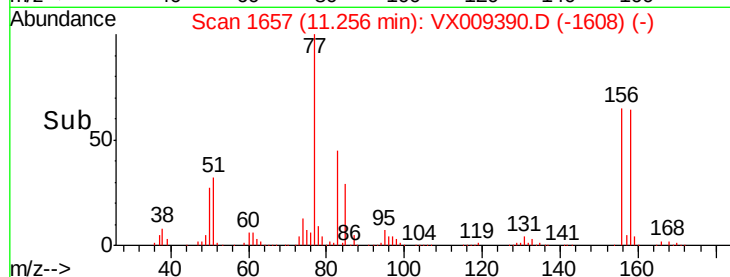
158 97.8 49.1 147.3



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: 53.633 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009390.D

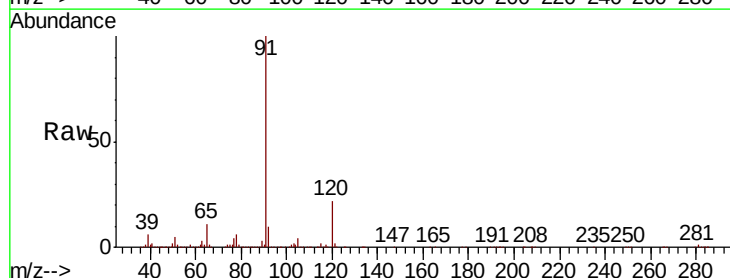
Acq: 08 May 2019 11:35

Tgt Ion: 91 Resp: 564015

Ion Ratio Lower Upper

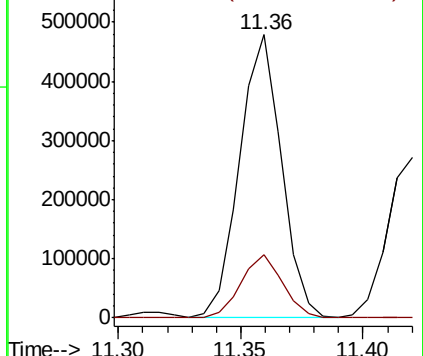
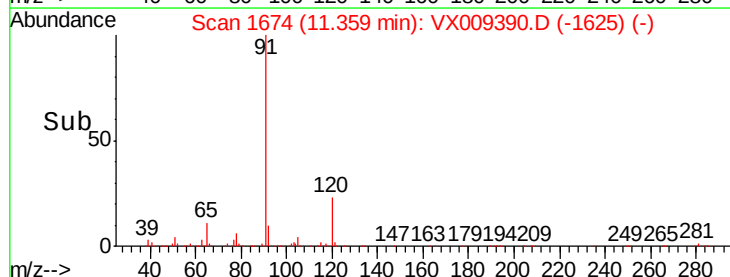
91 100

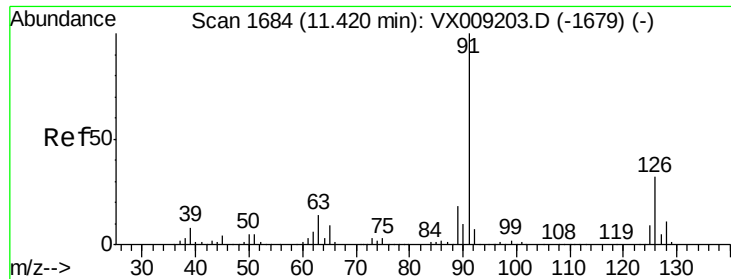
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.403 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

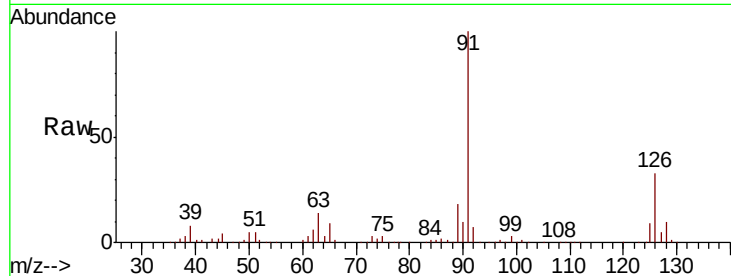
VSTDCCC050

Tot Ion: 91 Resp: 333497

Ion Ratio Lower Upper

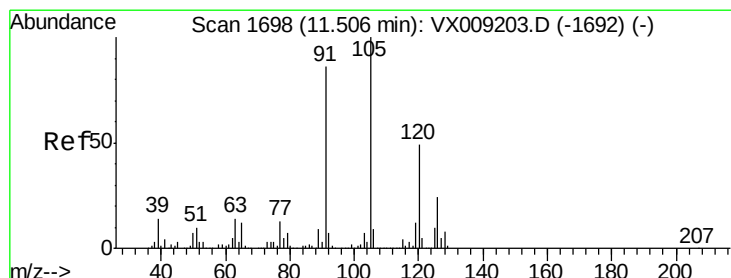
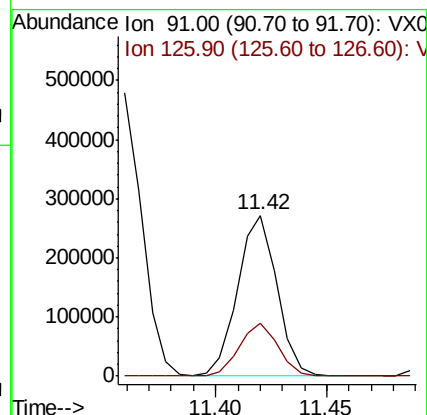
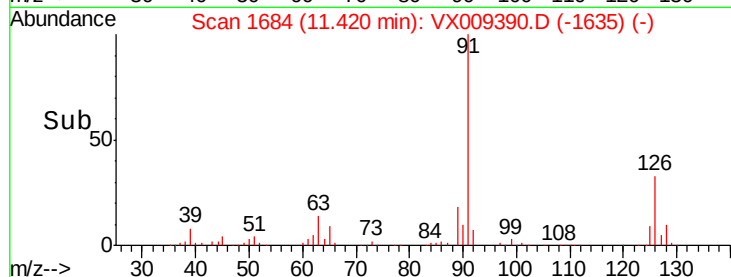
91 100

126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009203.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.443 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009390.D

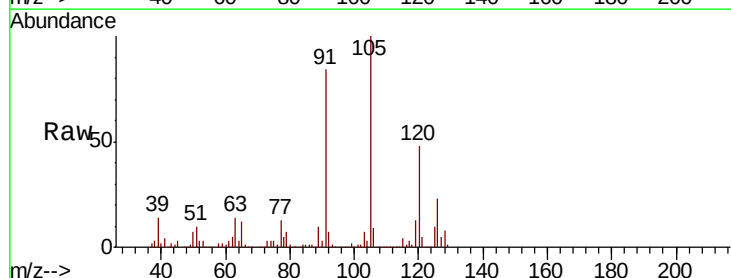
Acq: 08 May 2019 11:35

Tgt Ion: 105 Resp: 414356

Ion Ratio Lower Upper

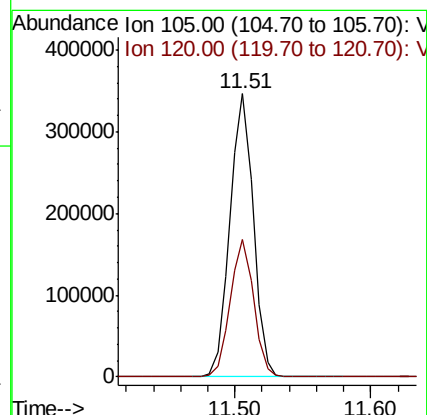
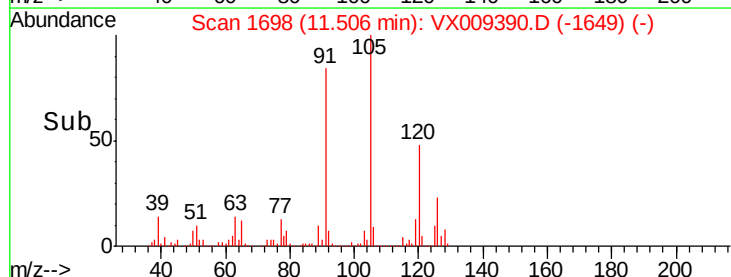
105 100

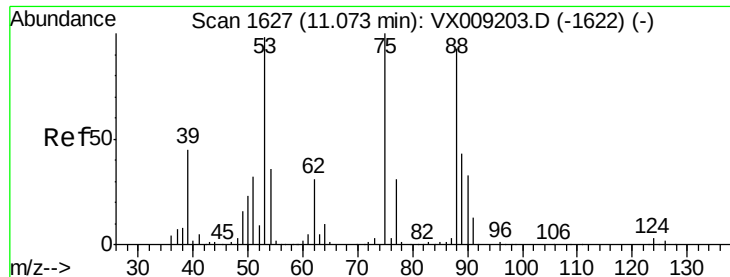
120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009203.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.693 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

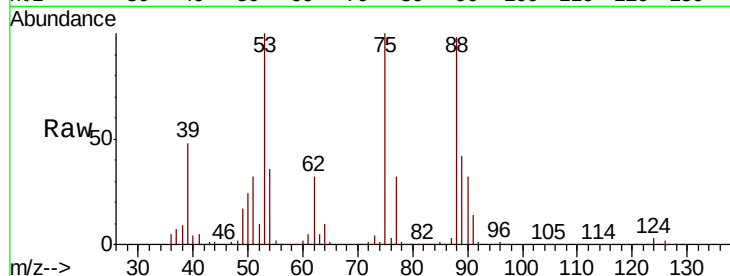
Tot Ion: 75 Resp: 61639

Ion Ratio Lower Upper

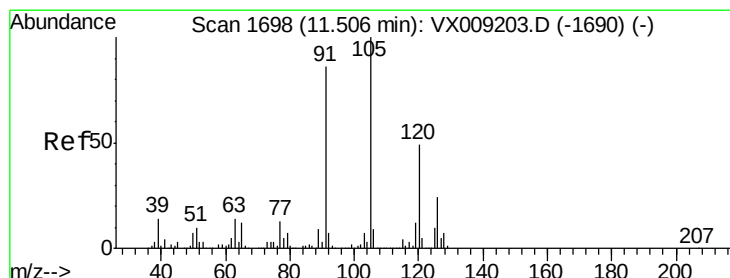
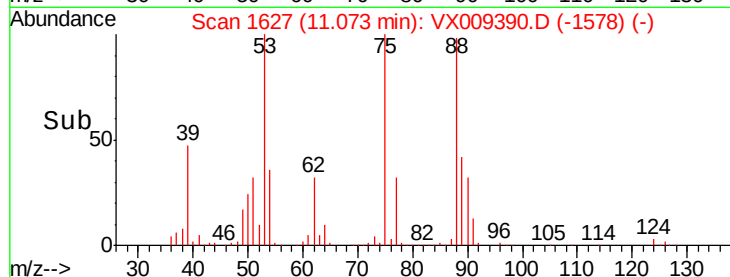
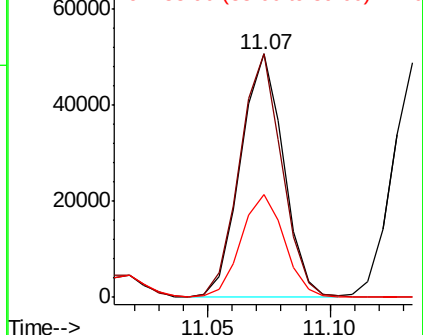
75 100

53 98.7 79.0 118.6

89 43.0 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: 52.513 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009390.D

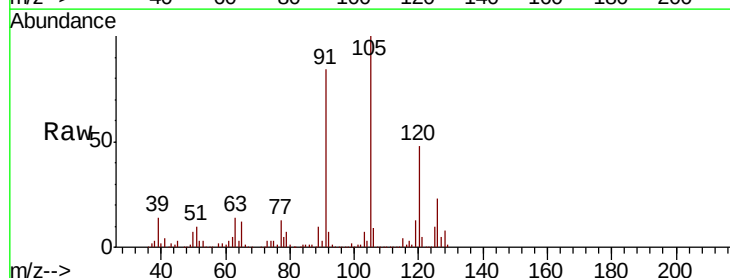
Acq: 08 May 2019 11:35

Tgt Ion: 91 Resp: 384894

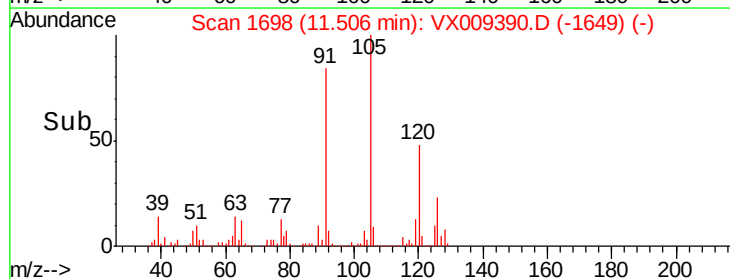
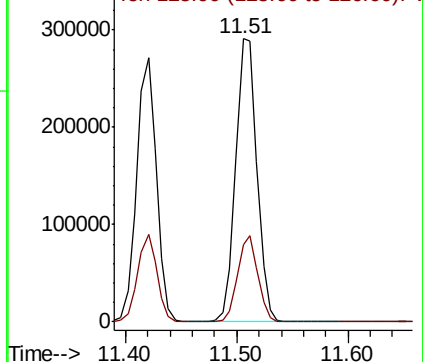
Ion Ratio Lower Upper

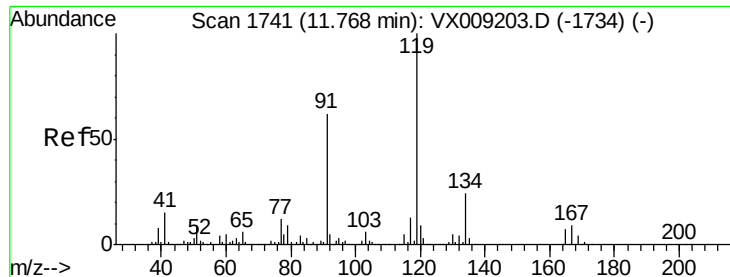
91 100

126 28.8 14.5 43.6



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

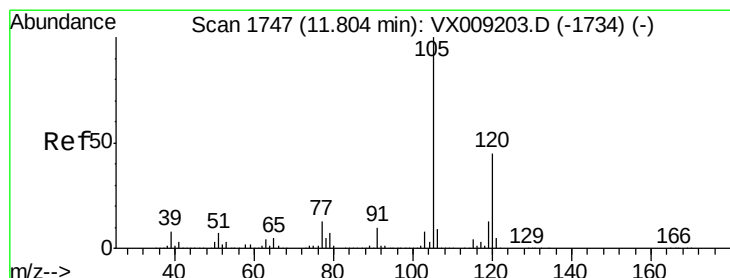
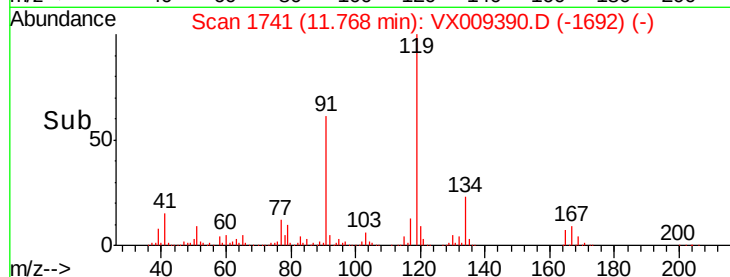
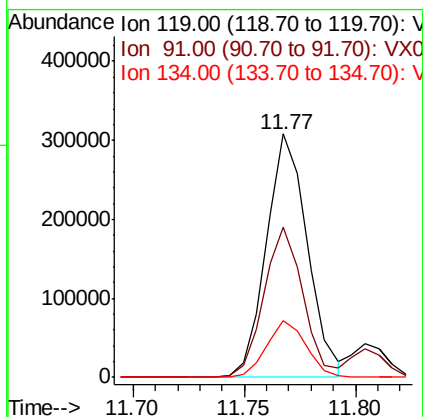
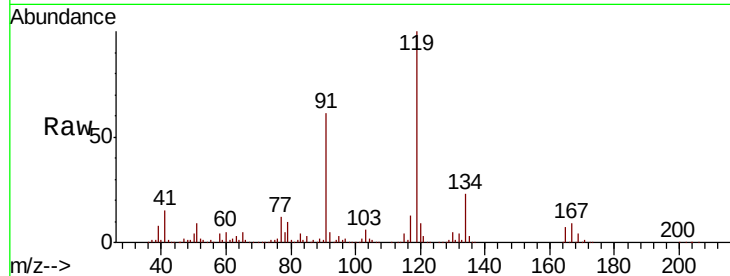




#83
 tert-Butylbenzene
 Concen: 52.264 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

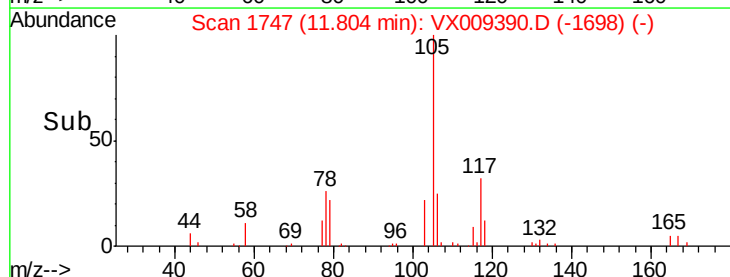
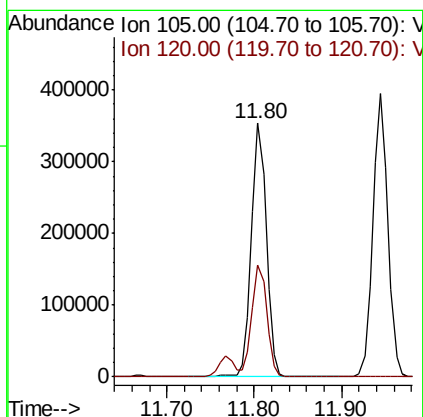
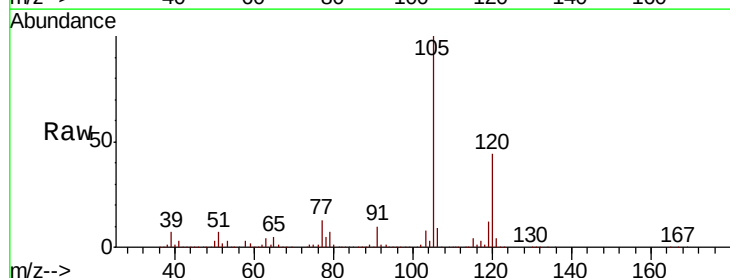
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

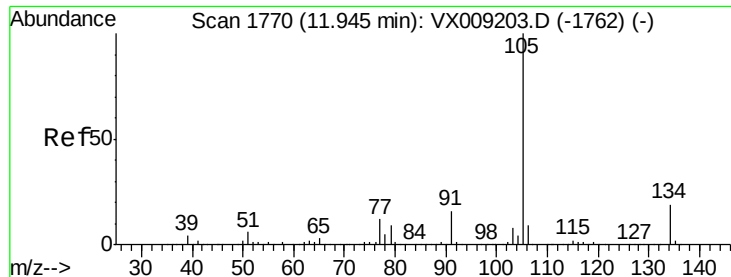
Tot Ion:119 Resp: 394193
 Ion Ratio Lower Upper
 119 100
 91 58.8 29.5 88.5
 134 22.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.385 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion:105 Resp: 415455
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.180 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

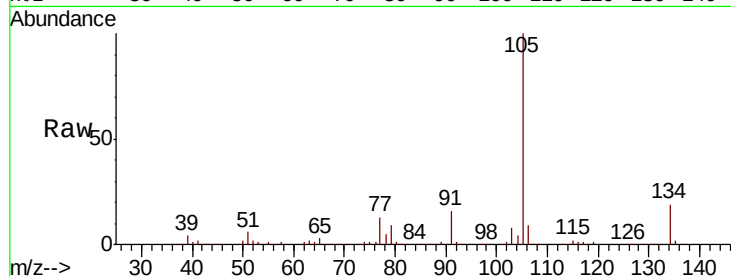
VSTDCCC050

Tot Ion:105 Resp: 475536

Ion Ratio Lower Upper

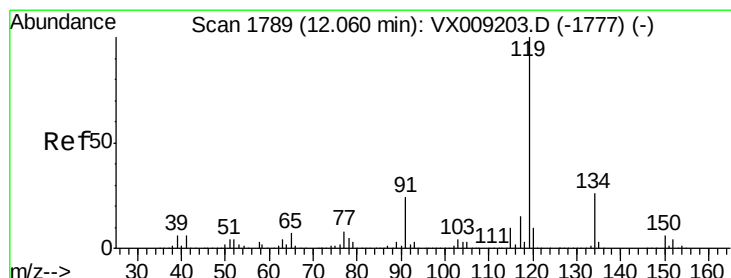
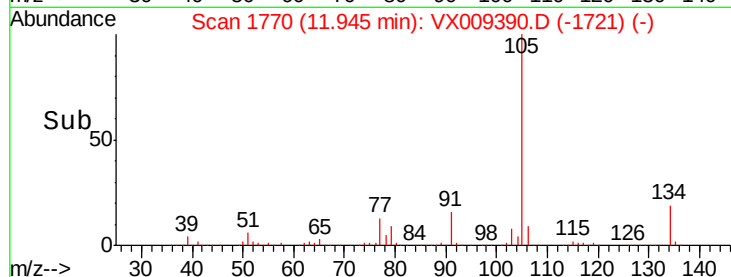
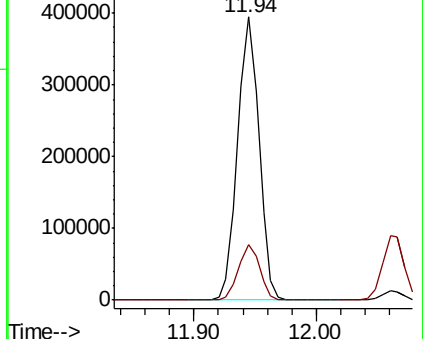
105 100

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: 54.445 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

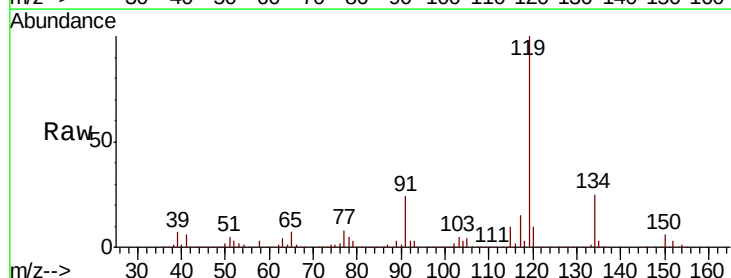
Tgt Ion:119 Resp: 437675

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

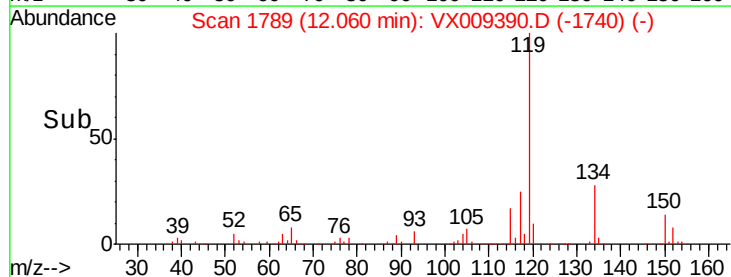
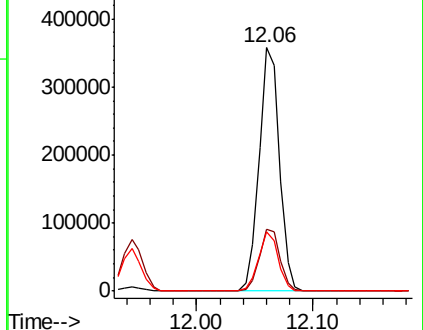
91 23.7 11.8 35.4

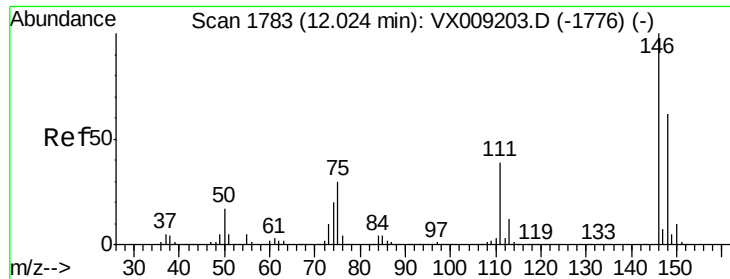


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.917 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

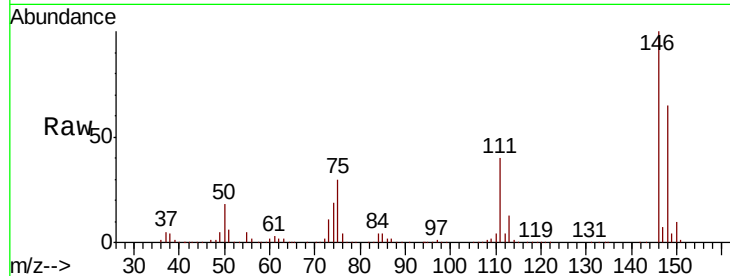
Tot Ion:146 Resp: 215601

Ion Ratio Lower Upper

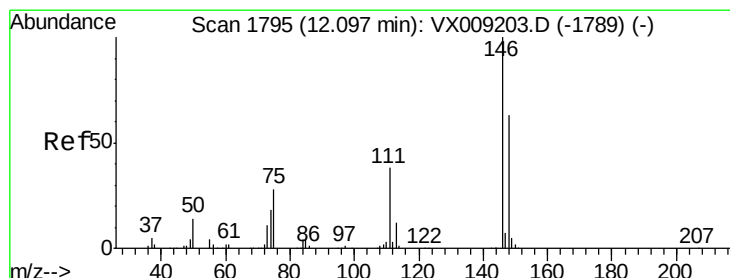
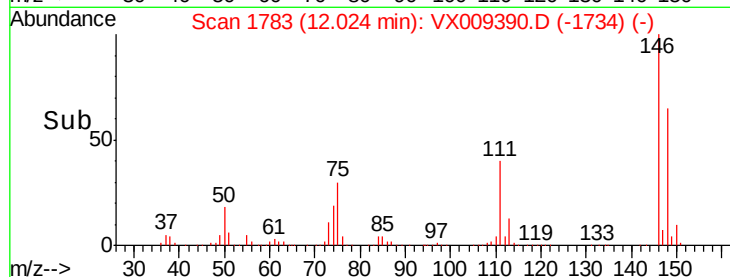
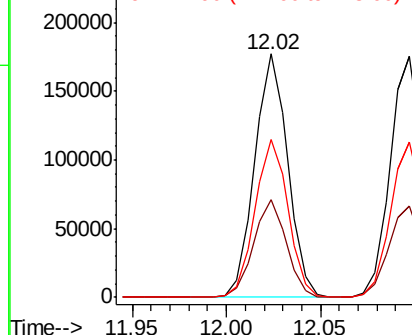
146 100

111 39.9 20.0 59.9

148 64.9 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 52.723 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

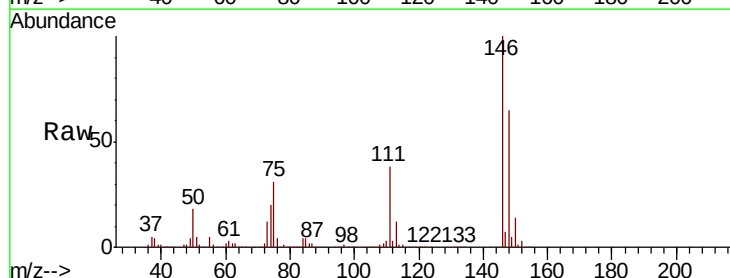
Tgt Ion:146 Resp: 216568

Ion Ratio Lower Upper

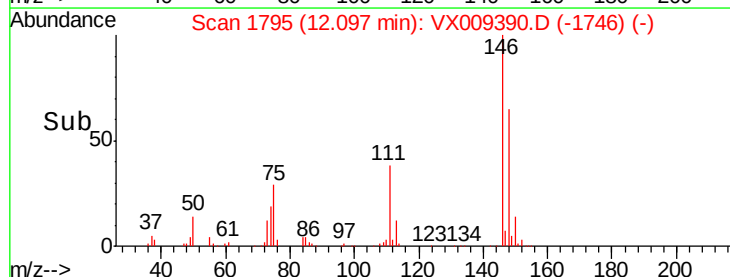
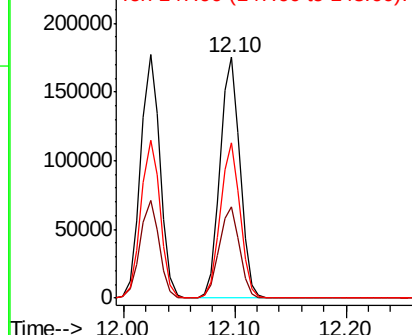
146 100

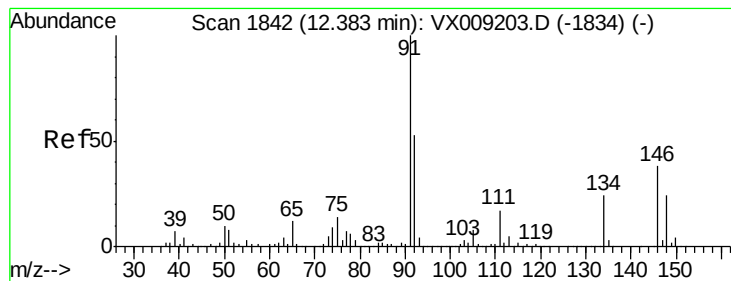
111 38.7 19.6 58.8

148 64.3 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: 56.781 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

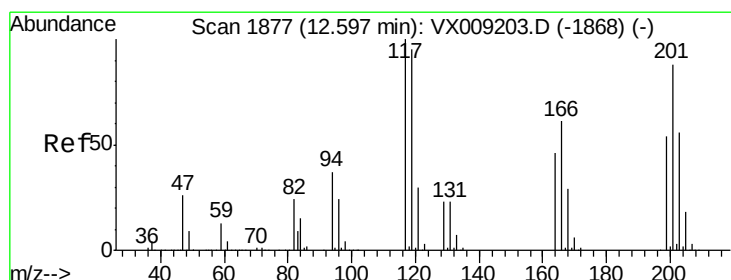
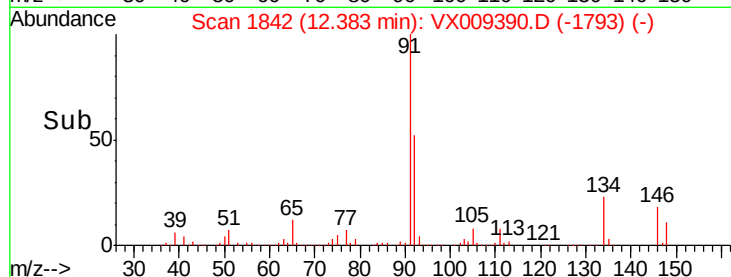
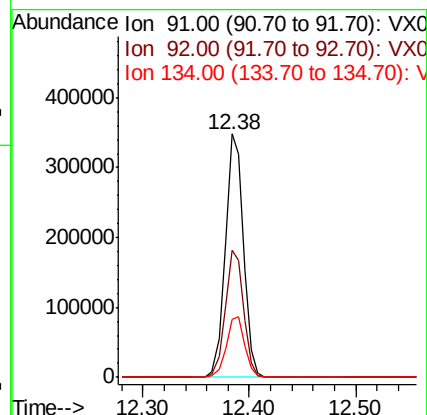
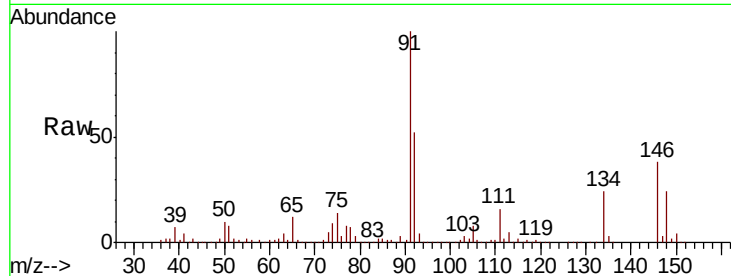
Tot Ion: 91 Resp: 412553

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 25.0 12.4 37.2



#90

Hexachloroethane

Concen: 53.297 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009390.D

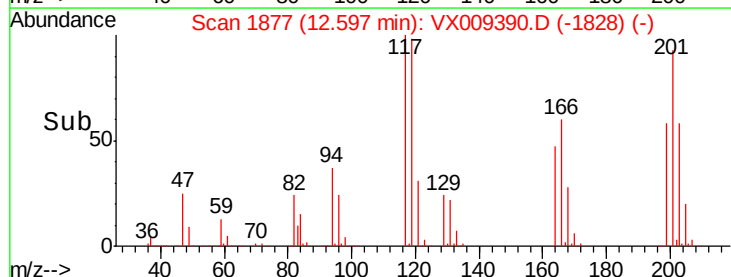
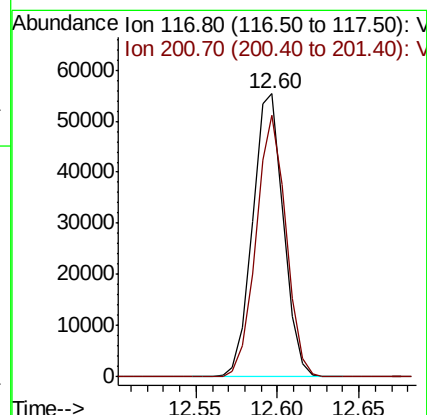
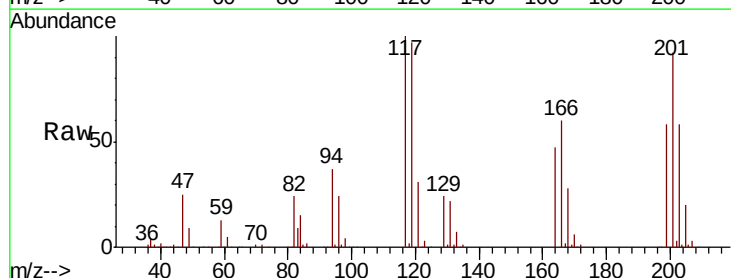
Acq: 08 May 2019 11:35

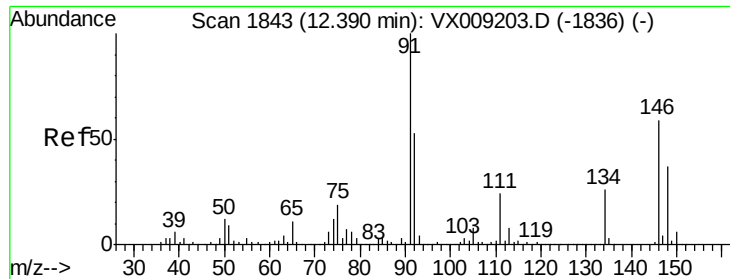
Tgt Ion: 117 Resp: 72993

Ion Ratio Lower Upper

117 100

201 89.4 42.3 126.9

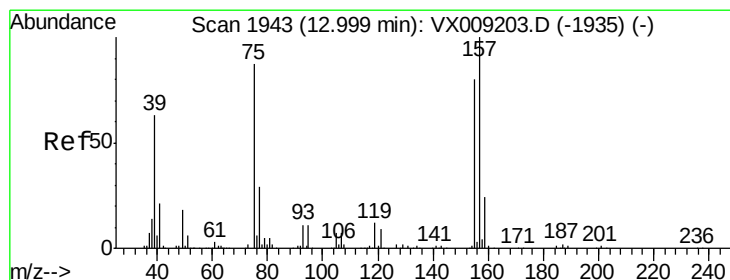
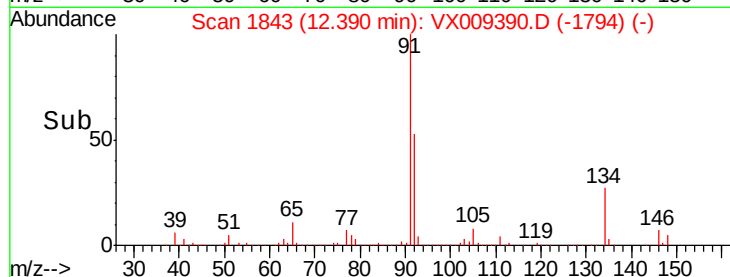
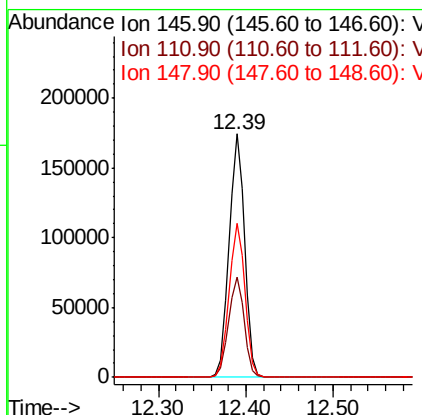
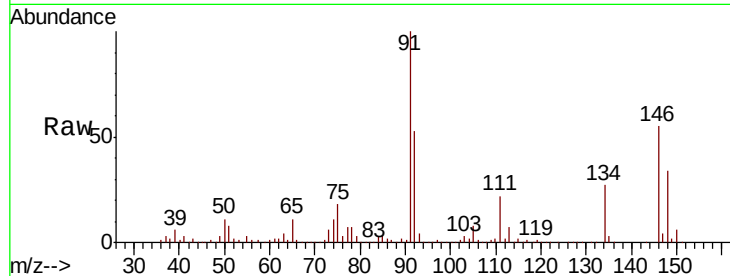




#91
 1,2-Dichlorobenzene
 Concen: 51.918 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

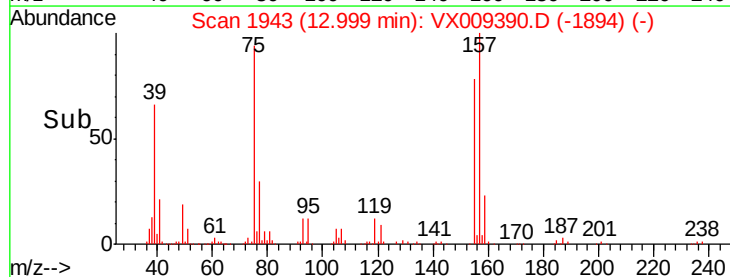
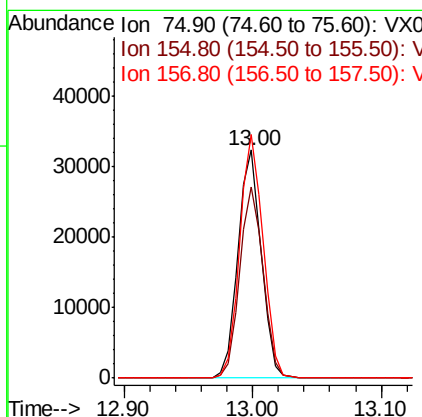
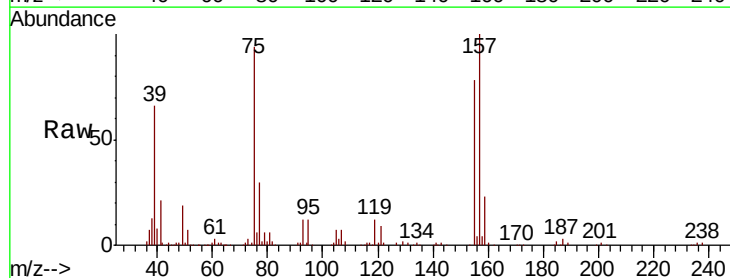
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

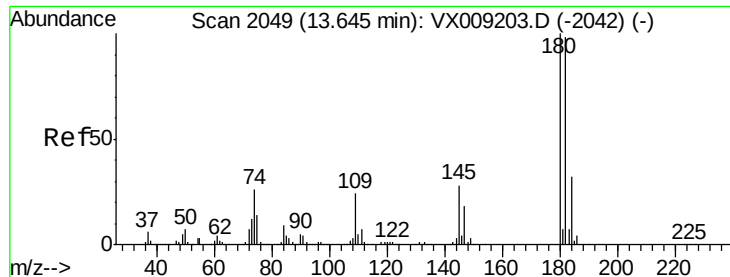
Tot Ion:146 Resp: 215453
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.4
 148 64.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.748 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 75 Resp: 40618
 Ion Ratio Lower Upper
 75 100
 155 83.8 42.0 126.0
 157 106.3 53.2 159.6

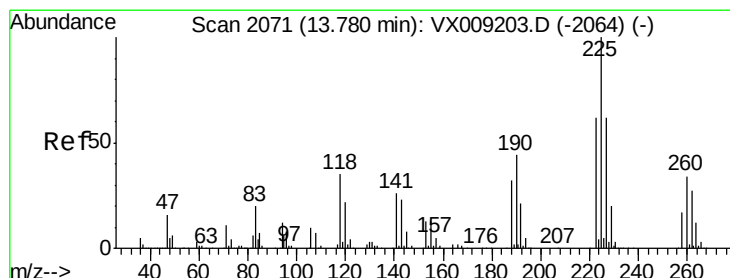
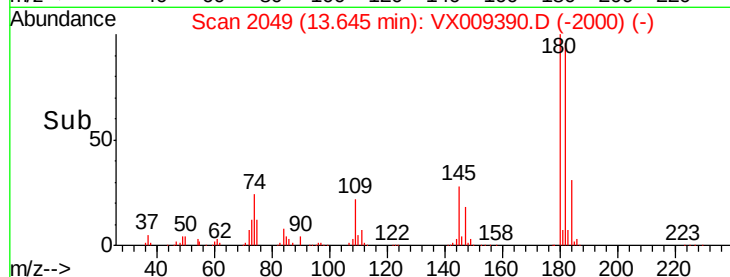
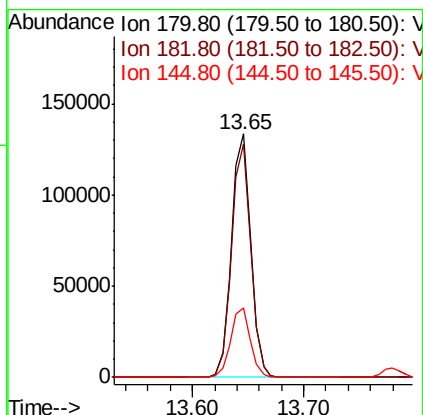
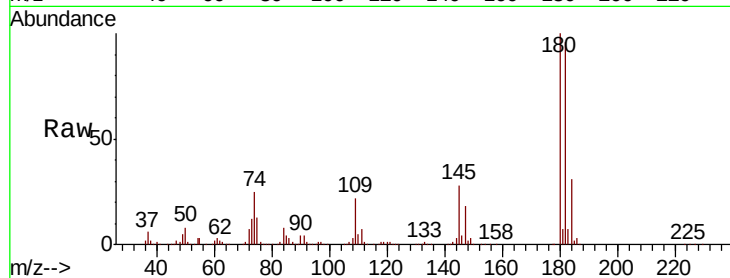




#93
 1,2,4-Trichlorobenzene
 Concen: 56.197 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

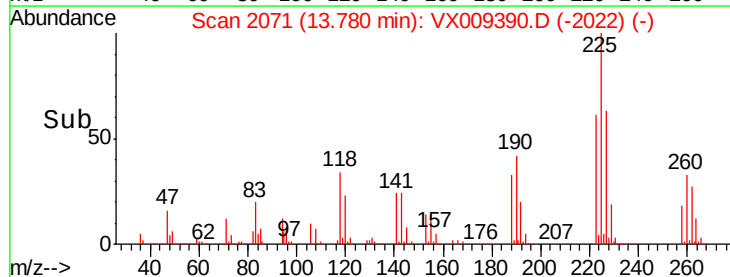
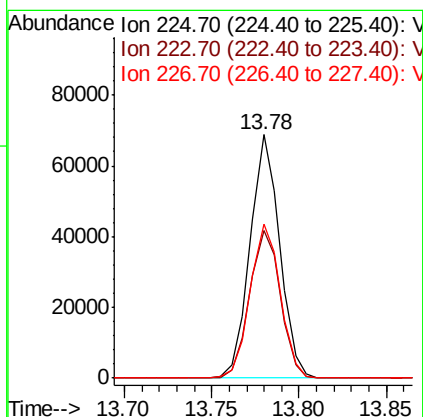
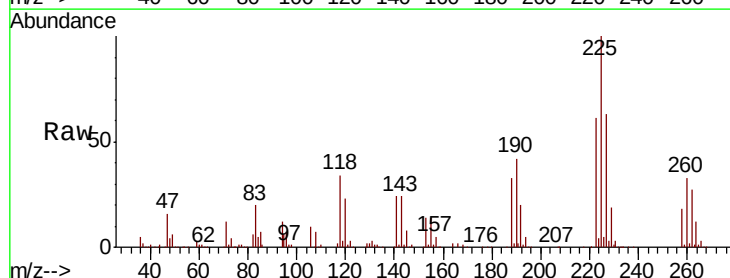
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

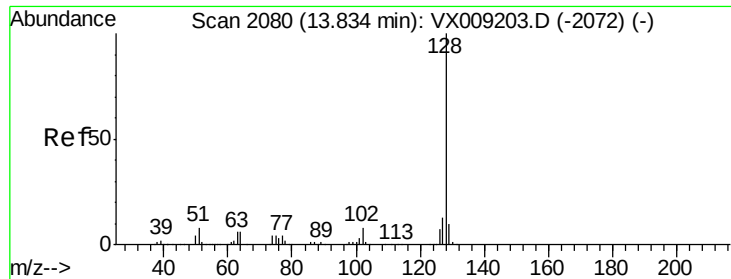
Tot Ion:180 Resp: 159475
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.4 145.2
 145 28.9 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 55.575 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion:225 Resp: 80537
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.3 93.8
 227 64.8 31.8 95.3

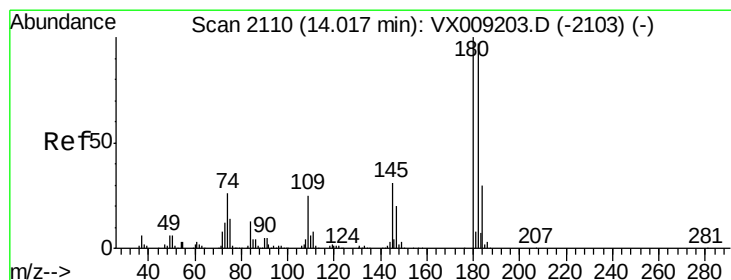
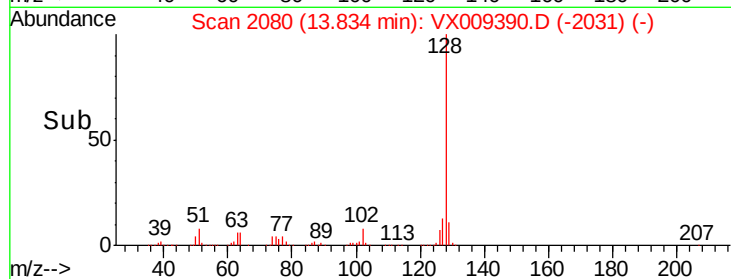
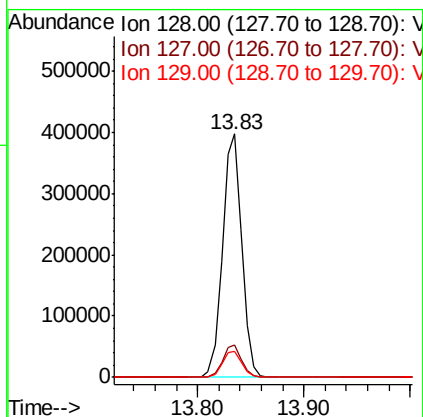
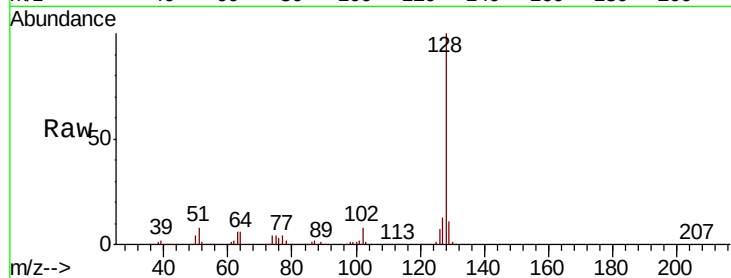




#95
Naphthalene
Concen: 53.925 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 497867
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.801 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion:180 Resp: 157639
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 30.6 15.4 46.4

