

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007935.D
 Acq On : 08 Mar 2019 17:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 09 03:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	350966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177594	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137769	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.50	113	121912	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.71	98	470214	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	168359	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	113436	47.746	ug/l	98
3) Chloromethane	1.33	50	144698	47.260	ug/l	99
4) Vinyl Chloride	1.41	62	145498	47.826	ug/l	99
5) Bromomethane	1.64	94	69398	48.578	ug/l	99
6) Chloroethane	1.72	64	93113	46.072	ug/l	100
7) Trichlorofluoromethane	1.93	101	189629	47.876	ug/l	98
8) Diethyl Ether	2.19	74	82542	48.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119937	48.864	ug/l	100
10) Methyl Iodide	2.51	142	179758	51.623	ug/l	99
11) Tert butyl alcohol	3.07	59	148215	225.923	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112085	47.373	ug/l	99
13) Acrolein	2.29	56	73347	197.886	ug/l	98
14) Allyl chloride	2.73	41	231716	46.607	ug/l	100
15) Acrylonitrile	3.15	53	380128	229.558	ug/l	100
16) Acetone	2.45	43	380185	223.907	ug/l	98
17) Carbon Disulfide	2.57	76	345253	48.035	ug/l	100
18) Methyl Acetate	2.78	43	175148	48.555	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	391964	48.155	ug/l	100
20) Methylene Chloride	2.86	84	127064	47.020	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	119874	46.046	ug/l	98
22) Diisopropyl ether	3.87	45	427450	46.902	ug/l	96
23) Vinyl Acetate	3.82	43	1865187	233.383	ug/l	99
24) 1,1-Dichloroethane	3.70	63	238644	48.658	ug/l	99
25) 2-Butanone	4.70	43	545896	227.091	ug/l	100
26) 2,2-Dichloropropane	4.58	77	156155	48.058	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	138465	46.480	ug/l	99
28) Bromochloromethane	5.01	49	110117	48.160	ug/l	99
29) Tetrahydrofuran	5.15	42	344165	229.527	ug/l	100
30) Chloroform	5.21	83	218025	46.995	ug/l	99
31) Cyclohexane	5.57	56	217519	48.256	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	184052	47.815	ug/l	99
36) 1,1-Dichloropropene	5.80	75	170977	48.359	ug/l	100
37) Ethyl Acetate	4.85	43	193863	46.206	ug/l	99
38) Carbon Tetrachloride	5.78	117	163314	48.655	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222954	52.042	ug/l	99
40) Benzene	6.14	78	516702	49.090	ug/l	100
41) Methacrylonitrile	5.06	41	111973	48.951	ug/l	100
42) 1,2-Dichloroethane	6.20	62	166726	48.436	ug/l	100
43) Isopropyl Acetate	6.46	43	303837	48.932	ug/l	100
44) Trichloroethene	7.21	130	141991	48.952	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137546	49.477	ug/l	100
46) Dibromomethane	7.66	93	85325	48.499	ug/l	99
47) Bromodichloromethane	7.90	83	163592	49.044	ug/l	100
48) Methyl methacrylate	7.77	41	161558	49.487	ug/l	99
49) 1,4-Dioxane	7.75	88	63235	942.922	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	980475	245.532	ug/l	99
52) Toluene	8.78	92	324702	50.529	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	181879	52.242	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	204111	51.917	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	131580	50.581	ug/l	100
56) Ethyl methacrylate	9.18	69	204323	52.313	ug/l	98
57) 1,3-Dichloropropane	9.37	76	218464	50.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	526636	260.662	ug/l	100
59) 2-Hexanone	9.49	43	743632	239.859	ug/l	99
60) Dibromochloromethane	9.58	129	137693	50.641	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137984	49.960	ug/l	100
64) Tetrachloroethene	9.34	164	143032	49.178	ug/l	98
65) Chlorobenzene	10.14	112	360148	49.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	129641	49.253	ug/l	99
67) Ethyl Benzene	10.25	91	610057	50.462	ug/l	99
68) m/p-Xylenes	10.36	106	471365	101.155	ug/l	99
69) o-Xylene	10.69	106	228145	50.712	ug/l	100
70) Styrene	10.71	104	378617	51.430	ug/l	100
71) Bromoform	10.86	173	108956	48.201	ug/l #	100
73) Isopropylbenzene	11.02	105	616774	51.351	ug/l	100
74) N-amyl acetate	10.90	43	262632	47.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191328	46.181	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	223564	59.990	ug/l	91
77) Bromobenzene	11.26	156	160823	48.838	ug/l	99
78) n-propylbenzene	11.36	91	690154	51.795	ug/l	100
79) 2-Chlorotoluene	11.42	91	407778	50.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	514037	51.998	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57913	49.674	ug/l	98
82) 4-Chlorotoluene	11.51	91	469675	50.305	ug/l	100
83) tert-Butylbenzene	11.77	119	503297	50.543	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	519197	51.233	ug/l	100
85) sec-Butylbenzene	11.94	105	618639	52.750	ug/l	99
86) p-Isopropyltoluene	12.06	119	555204	52.861	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288225	49.474	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288018	48.276	ug/l	99
89) n-Butylbenzene	12.38	91	479111	53.843	ug/l	99
90) Hexachloroethane	12.60	117	89921	51.206	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	282989	48.897	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39216	45.291	ug/l	97

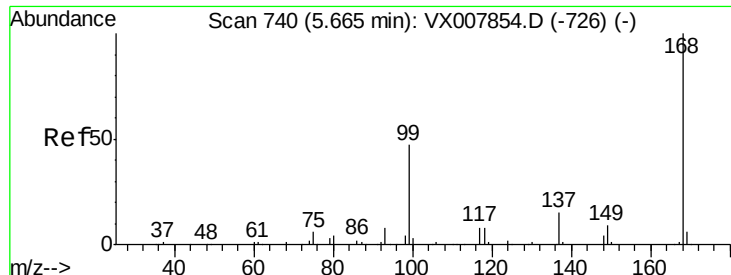
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	209006	51.408	ug/l	99
94) Hexachlorobutadiene	13.78	225	113003	53.162	ug/l	100
95) Naphthalene	13.83	128	590845	50.437	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	204915	50.595	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

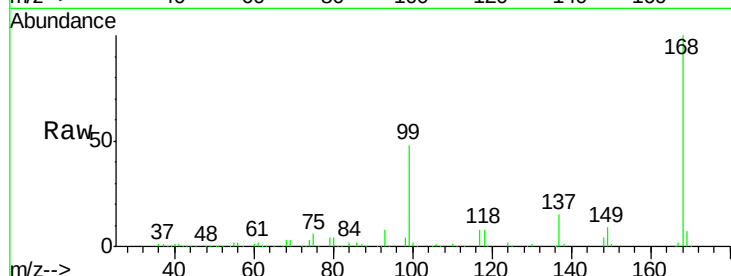
VSTDCCC050

Tot Ion:168 Resp: 278087

Ion Ratio Lower Upper

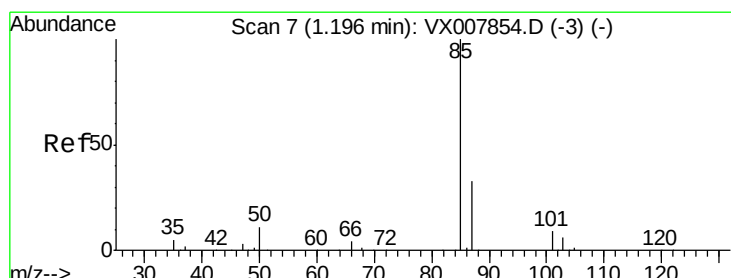
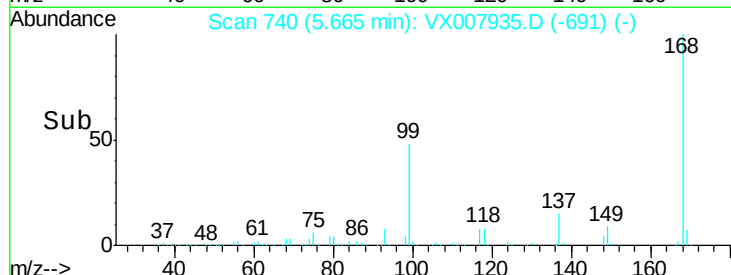
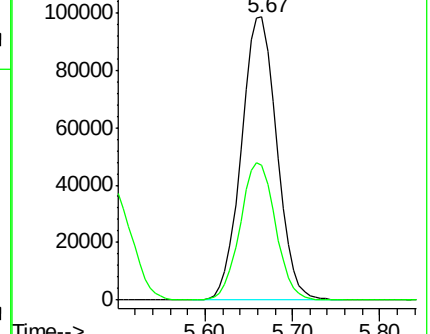
168 100

99 47.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.746 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007935.D

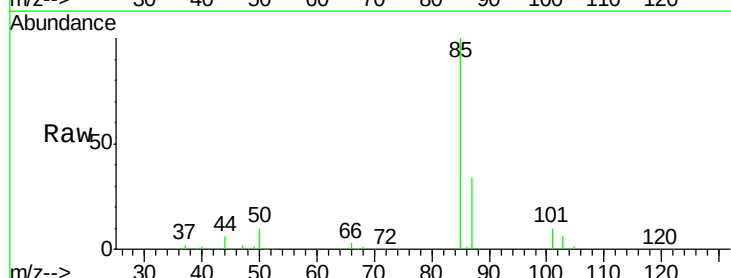
Acq: 08 Mar 2019 17:08

Tgt Ion: 85 Resp: 113436

Ion Ratio Lower Upper

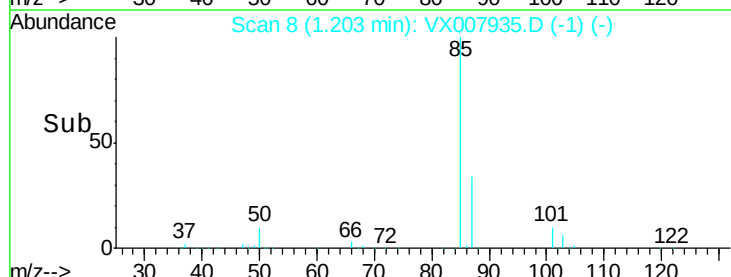
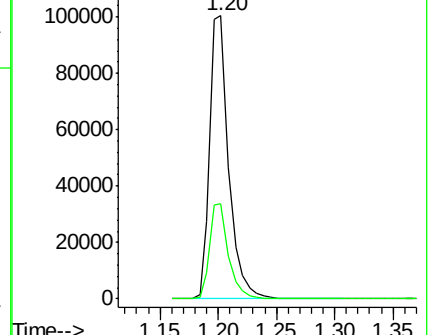
85 100

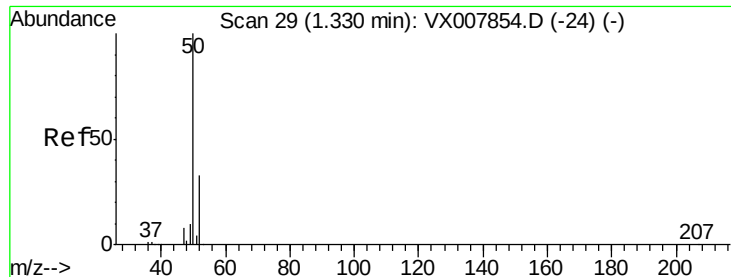
87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.260 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

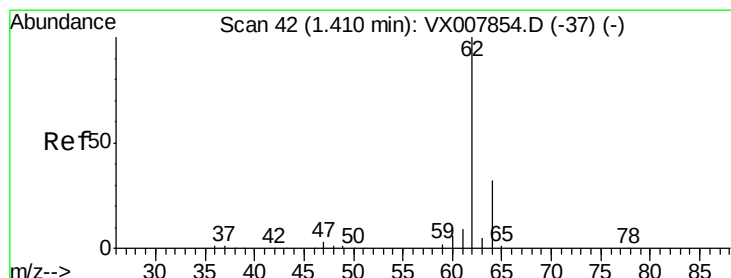
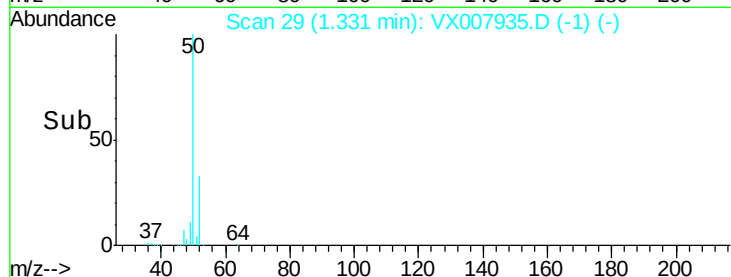
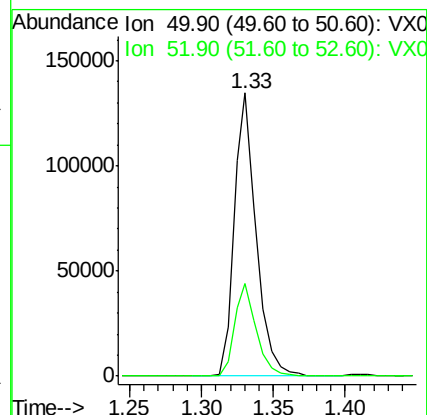
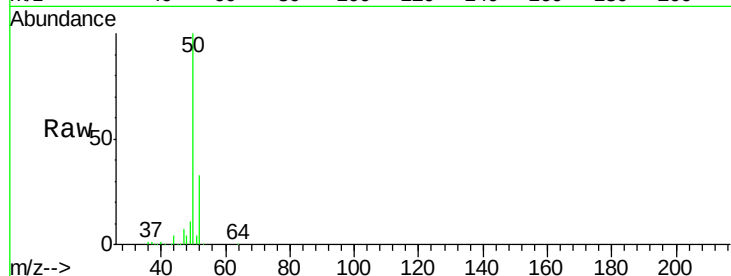
VSTDCCC050

Tot Ion: 50 Resp: 144698

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 47.826 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007935.D

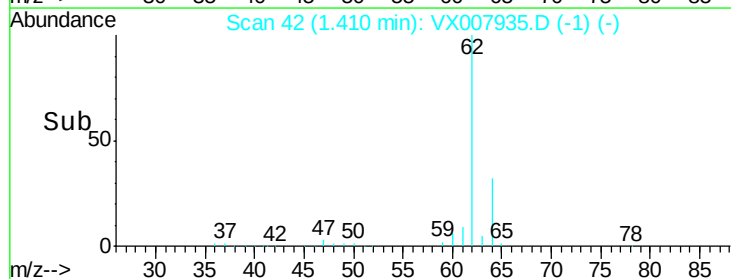
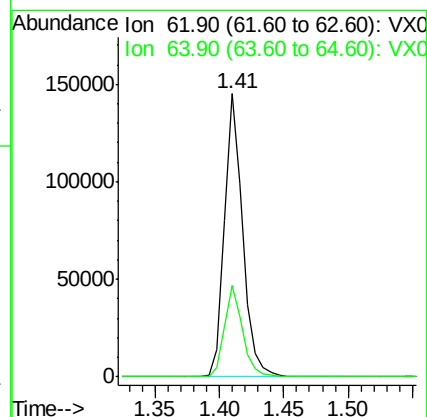
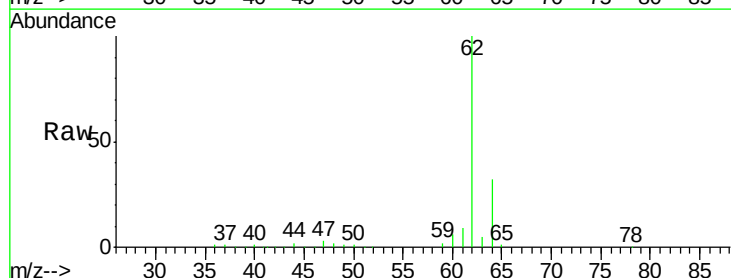
Acq: 08 Mar 2019 17:08

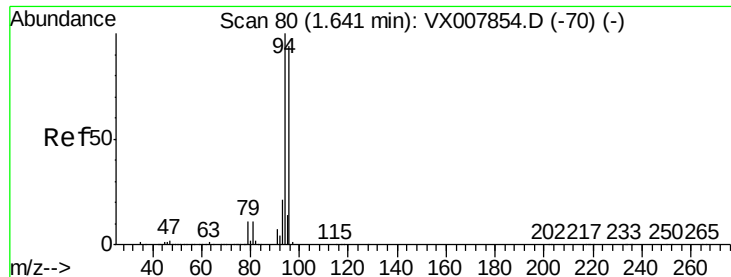
Tgt Ion: 62 Resp: 145498

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 48.578 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

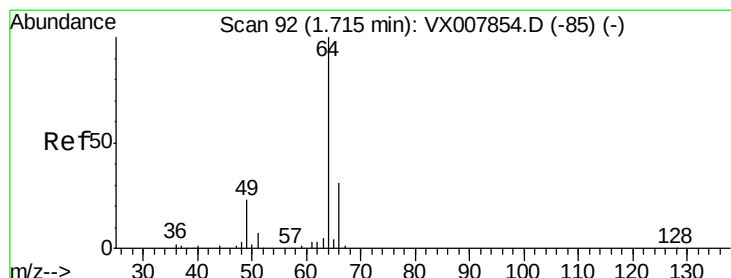
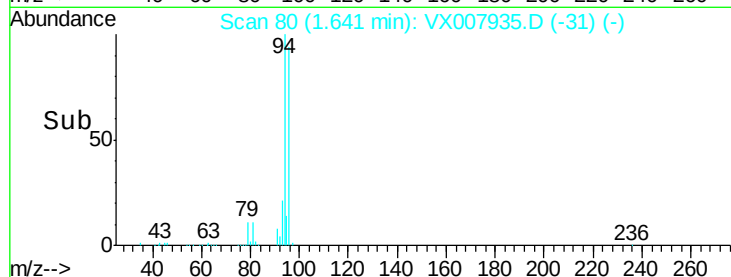
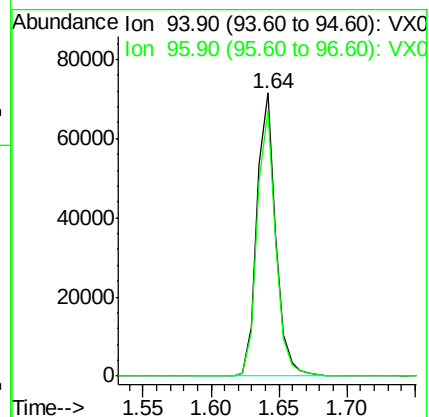
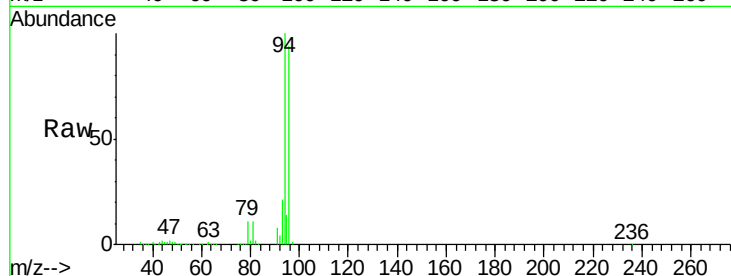
VSTDCCC050

Tot Ion: 94 Resp: 69398

Ion Ratio Lower Upper

94 100

96 93.6 75.5 113.3



#6

Chloroethane

Concen: 46.072 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007935.D

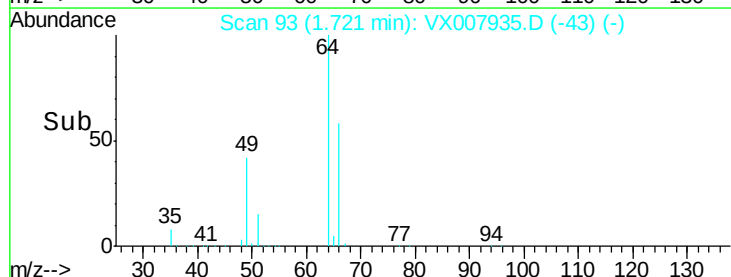
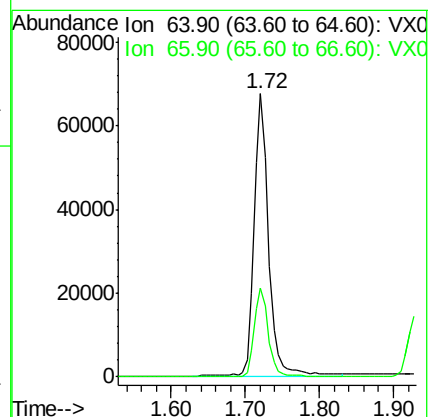
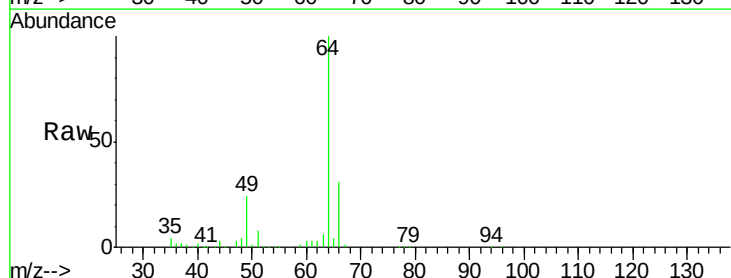
Acq: 08 Mar 2019 17:08

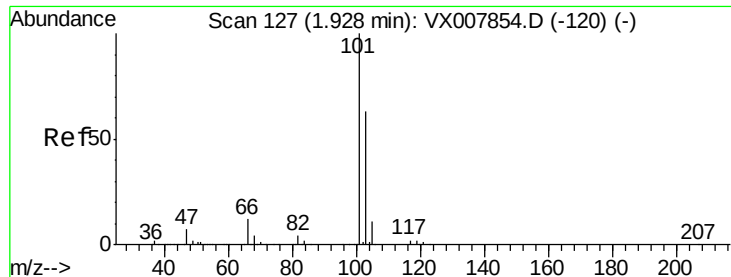
Tgt Ion: 64 Resp: 93113

Ion Ratio Lower Upper

64 100

66 31.4 25.2 37.8



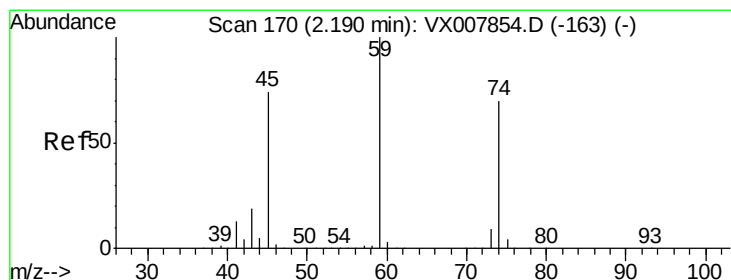
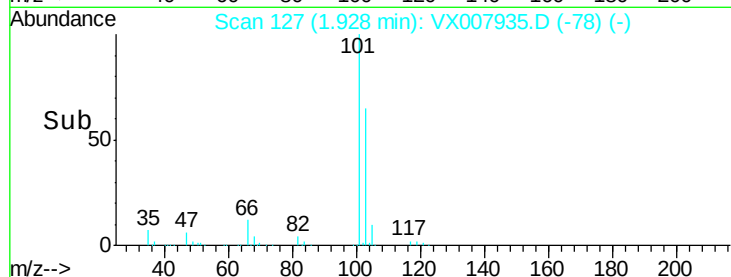
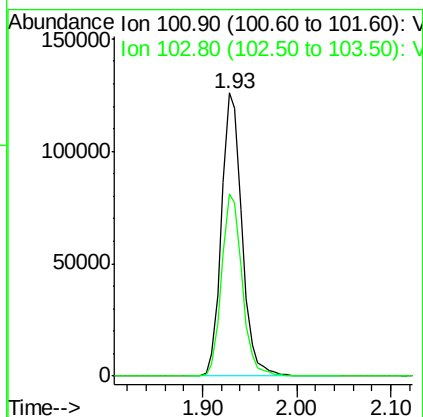
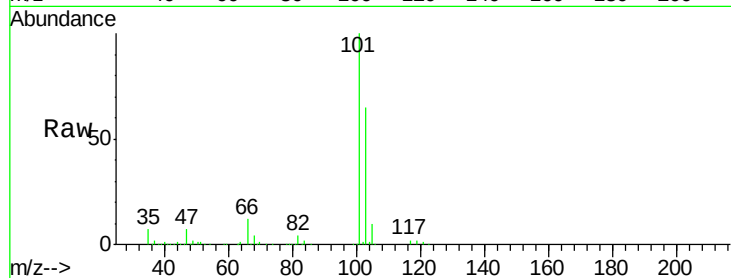


#7

Trichlorofluoromethane
 Concen: 47.876 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

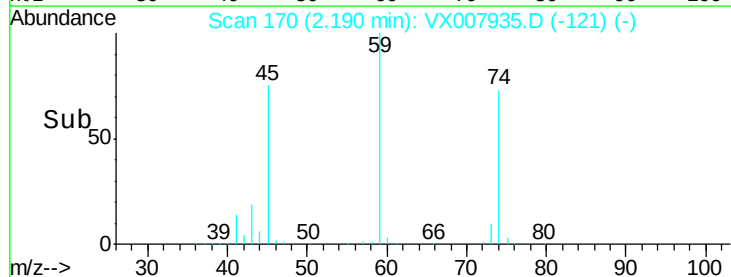
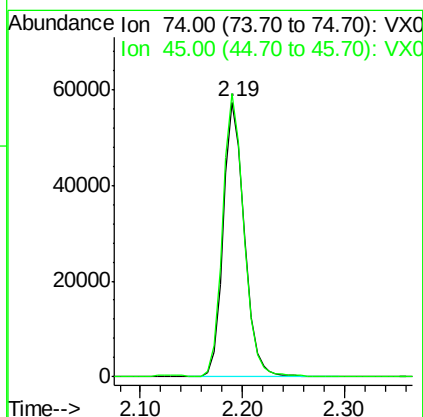
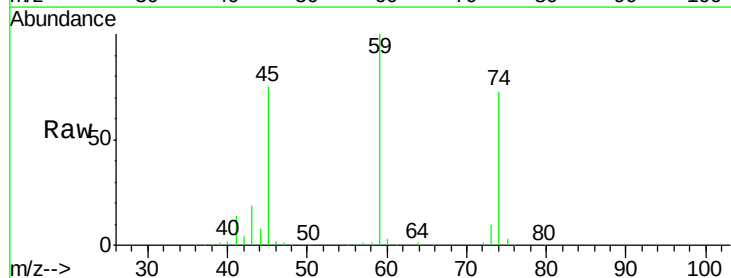
Tot Ion:101 Resp: 189629
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.4 75.6

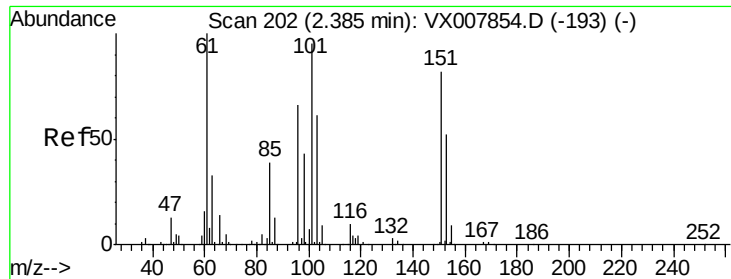


#8

Diethyl Ether
 Concen: 48.124 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion: 74 Resp: 82542
 Ion Ratio Lower Upper
 74 100
 45 103.3 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.864 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

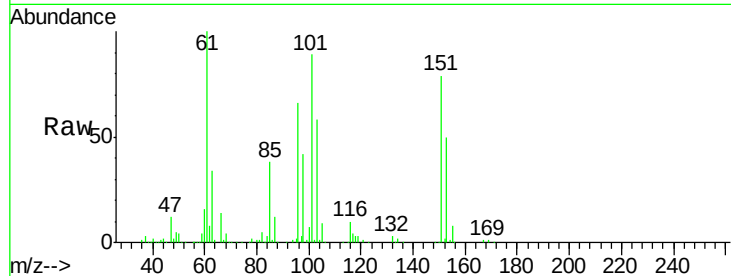
Tot Ion:101 Resp: 119937

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.6

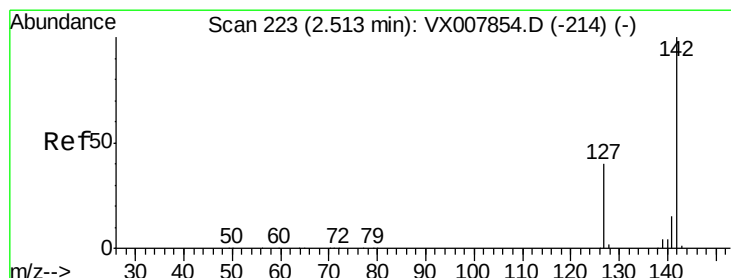
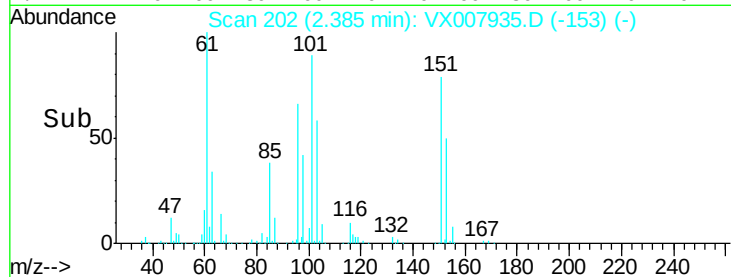
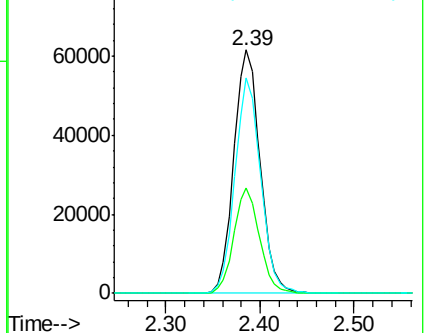
151 86.5 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.623 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

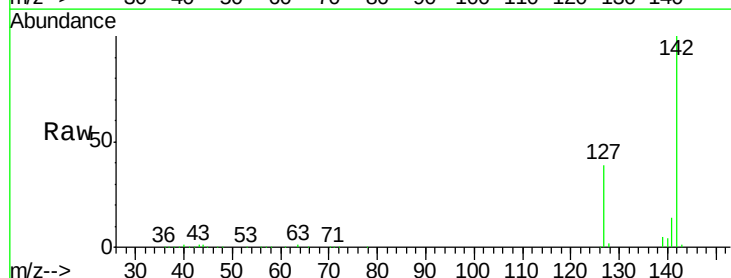
Tgt Ion:142 Resp: 179758

Ion Ratio Lower Upper

142 100

127 39.4 32.1 48.1

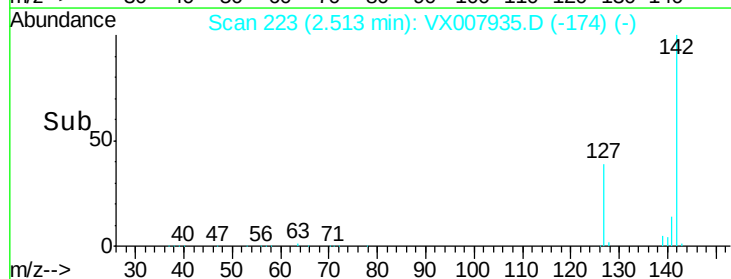
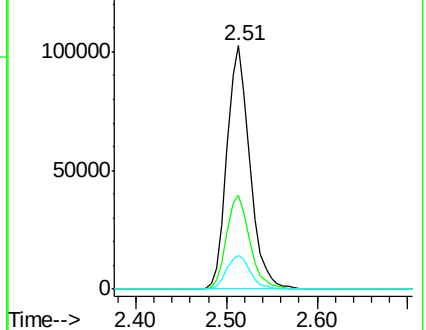
141 14.2 11.4 17.2

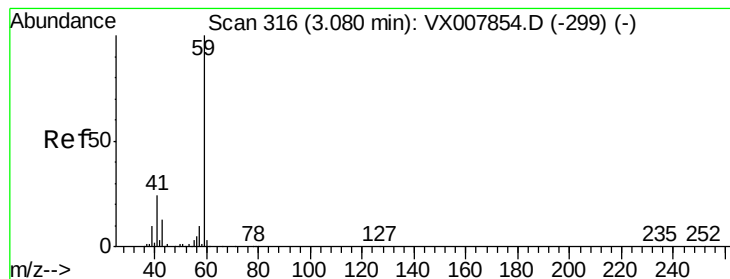


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



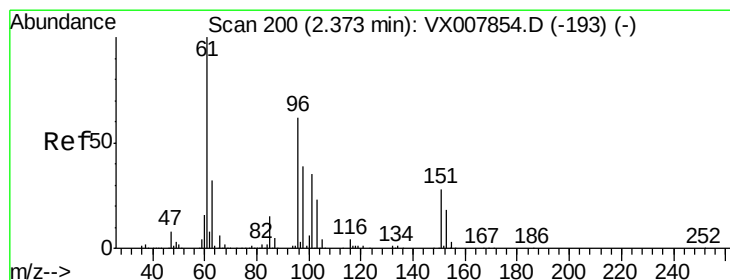
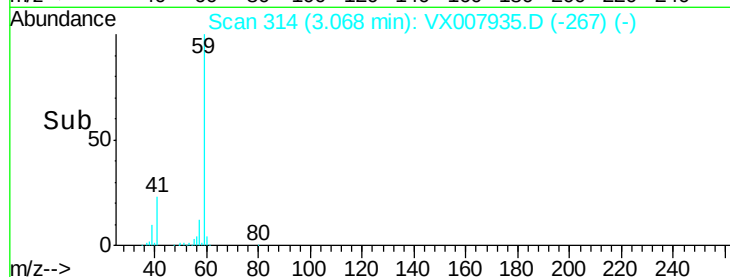
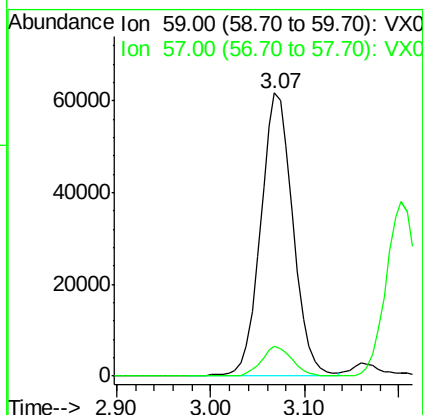
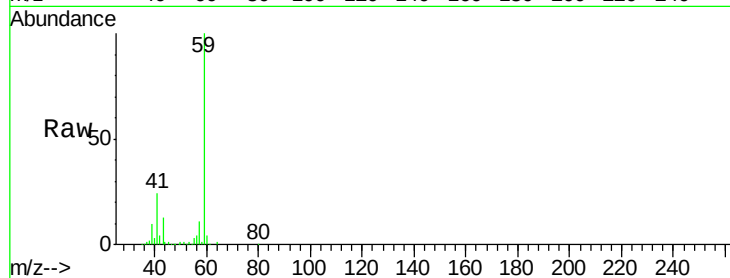


#11

Tert butyl alcohol
 Concen: 225.923 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

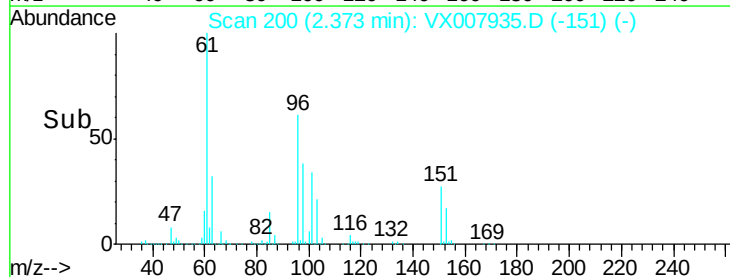
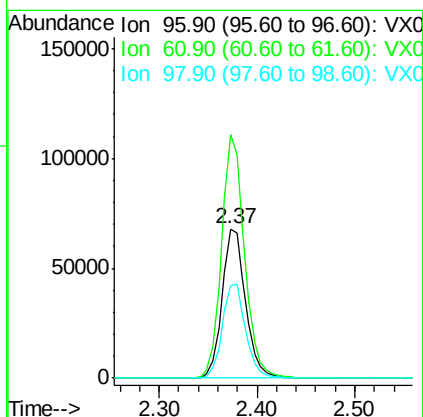
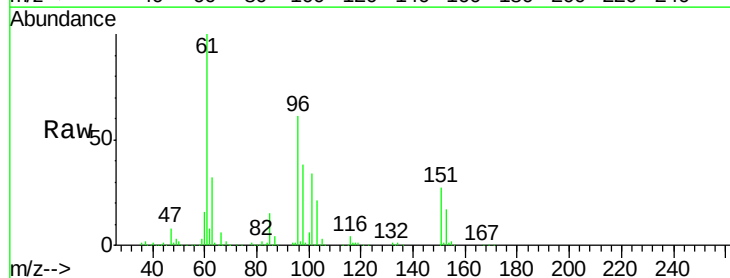
Tot Ion: 59 Resp: 148215
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

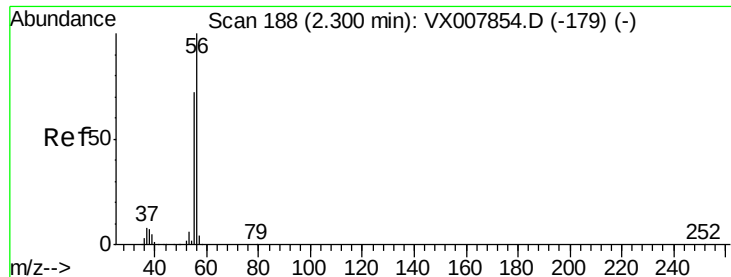


#12

1,1-Dichloroethene
 Concen: 47.373 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion: 96 Resp: 112085
 Ion Ratio Lower Upper
 96 100
 61 163.4 129.8 194.6
 98 62.5 51.0 76.6





#13

Acrolein

Concen: 197.886 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

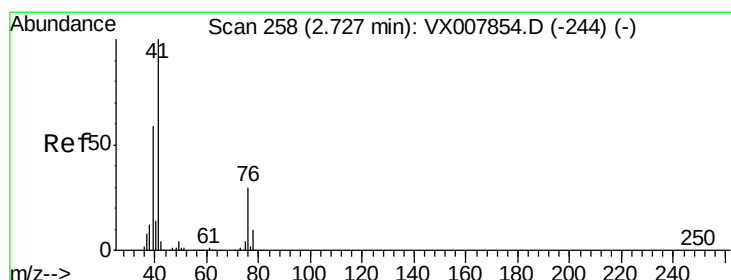
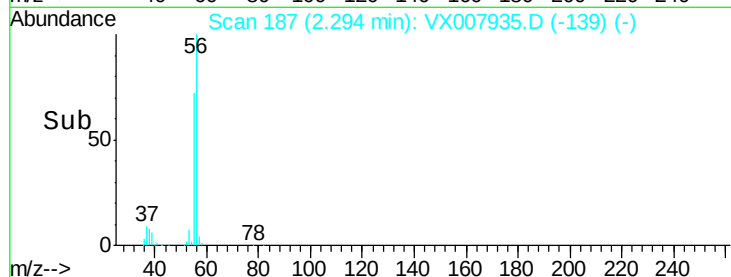
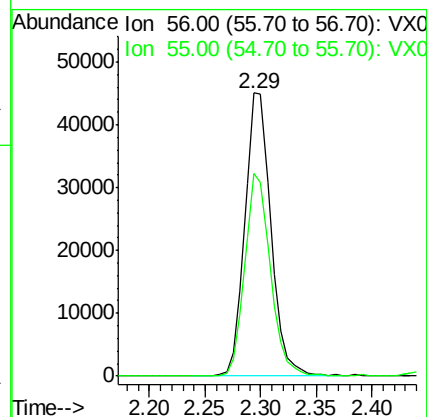
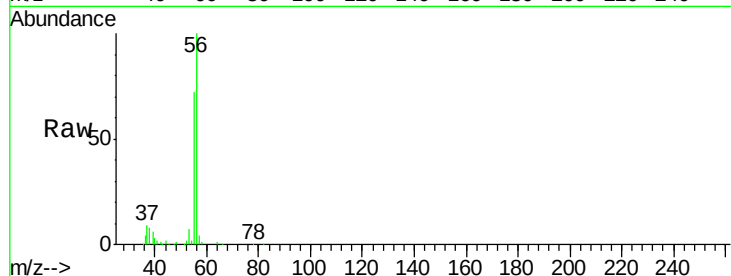
VSTDCCC050

Tot Ion: 56 Resp: 73347

Ion Ratio Lower Upper

56 100

55 70.9 57.8 86.6



#14

Allyl chloride

Concen: 46.607 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

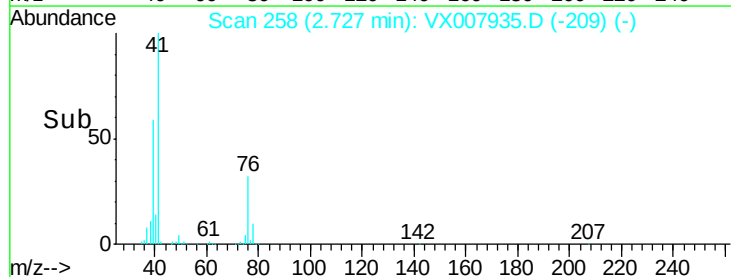
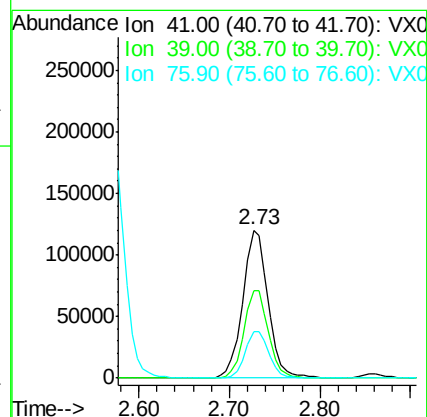
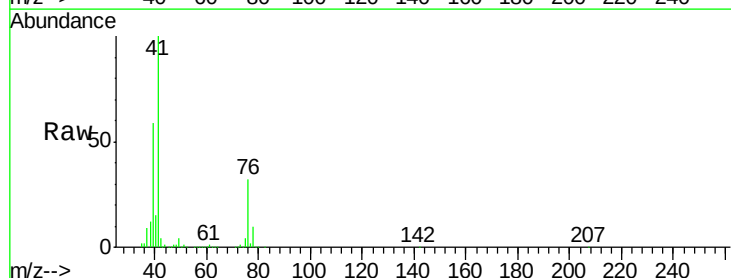
Tgt Ion: 41 Resp: 231716

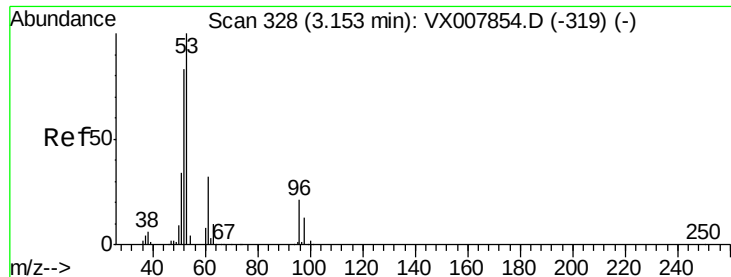
Ion Ratio Lower Upper

41 100

39 57.3 46.1 69.1

76 30.1 24.0 36.0





#15

Acrylonitrile

Concen: 229.558 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

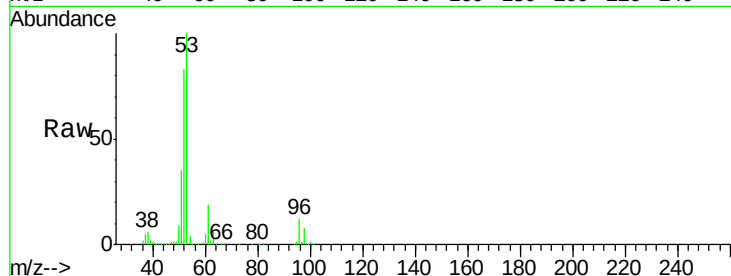
Tot Ion: 53 Resp: 380128

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.0	99.0
51	35.2	28.0	42.0

53 100

52 82.9 66.0 99.0

51 35.2 28.0 42.0

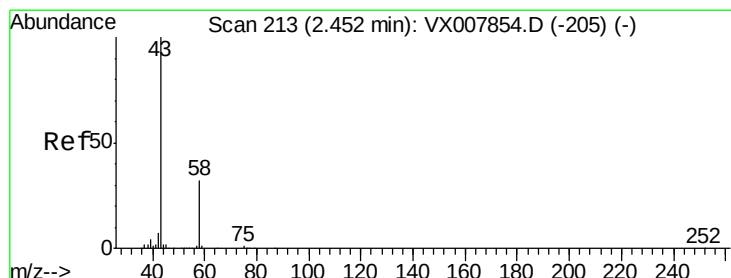
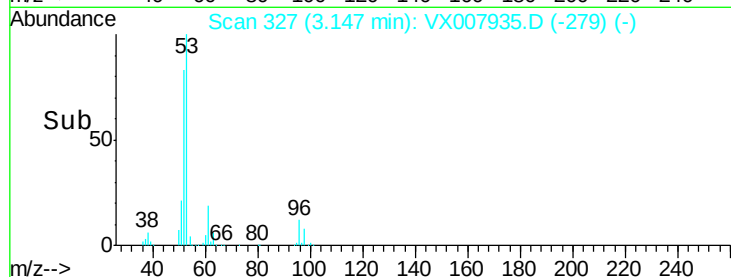
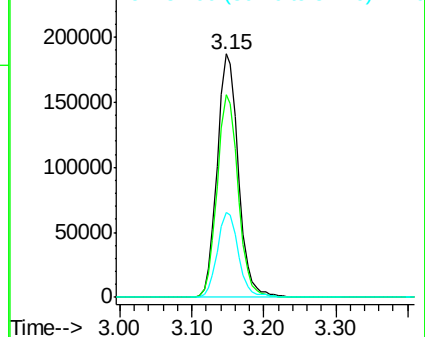


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 223.907 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007935.D

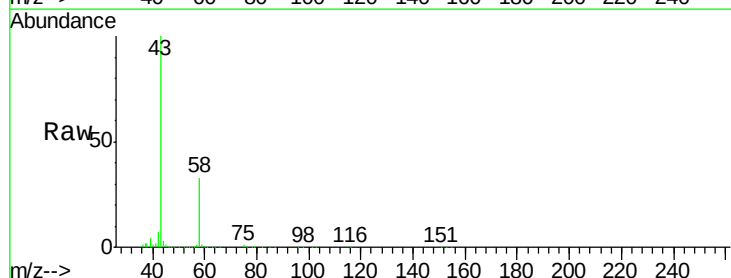
Acq: 08 Mar 2019 17:08

Tgt Ion: 43 Resp: 380185

Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.5	38.3

43 100

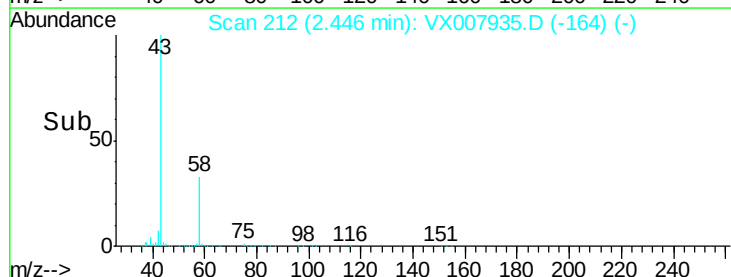
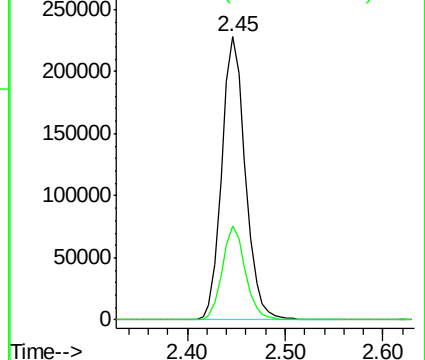
58 33.1 25.5 38.3

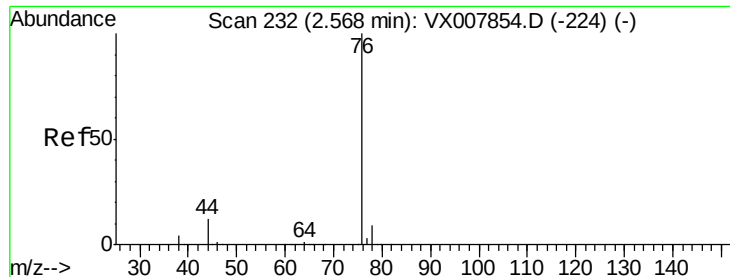


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.035 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

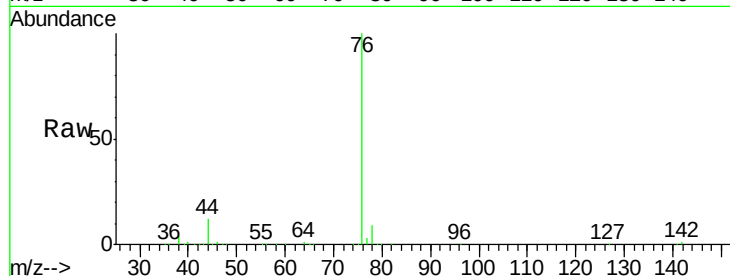
VSTDCCC050

Tot Ion: 76 Resp: 345253

Ion Ratio Lower Upper

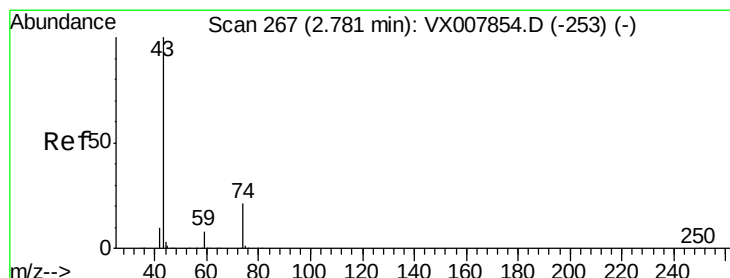
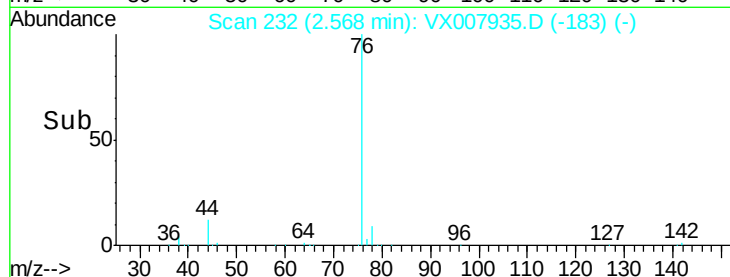
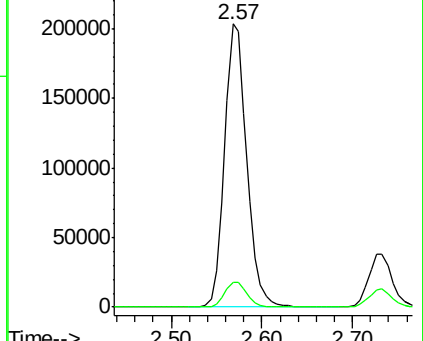
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.555 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007935.D

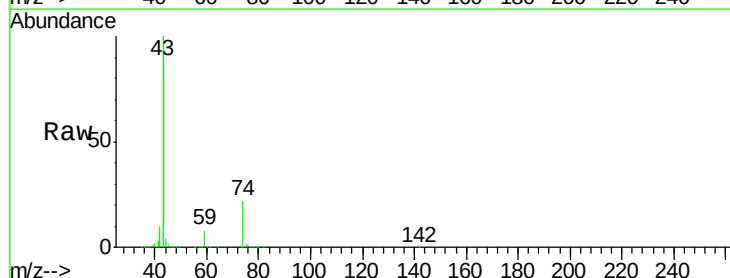
Acq: 08 Mar 2019 17:08

Tgt Ion: 43 Resp: 175148

Ion Ratio Lower Upper

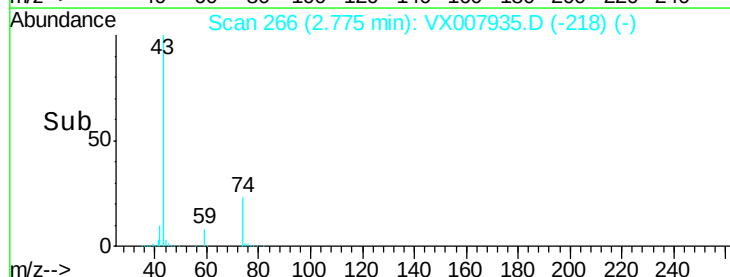
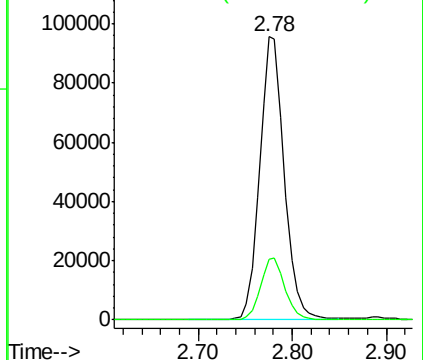
43 100

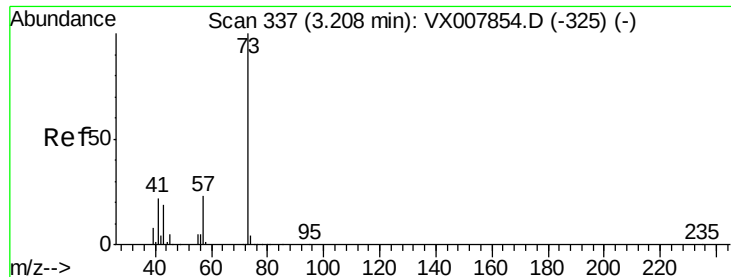
74 22.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

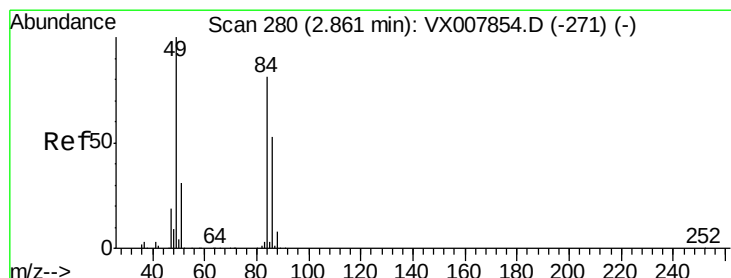
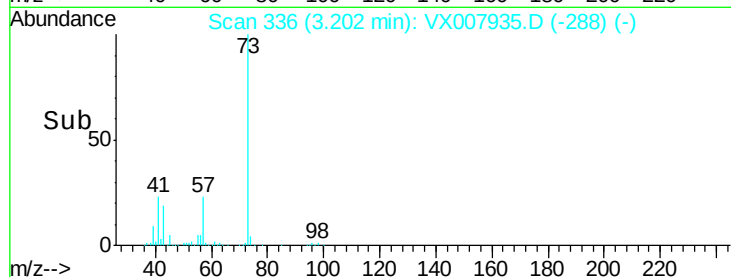
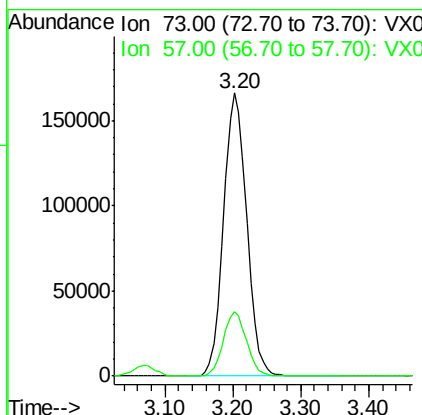
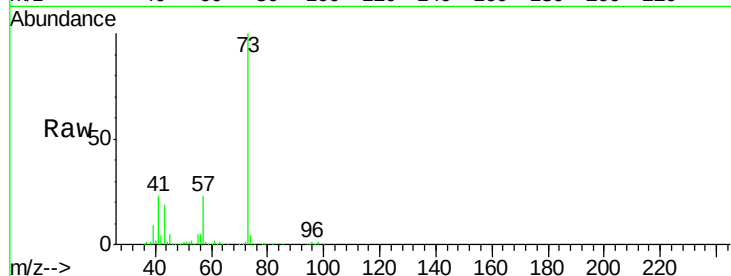




#19
Methyl tert-butyl Ether
Concen: 48.155 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

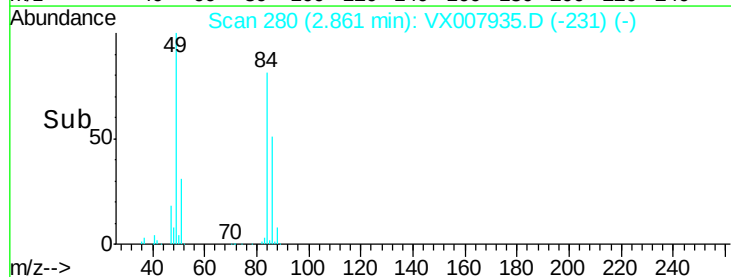
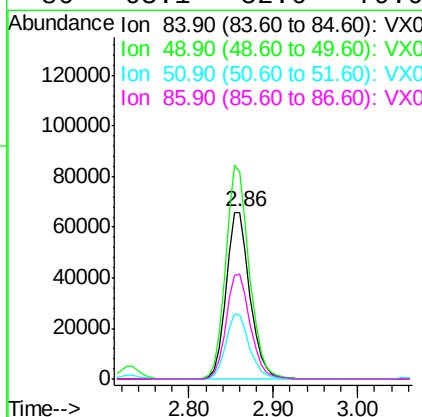
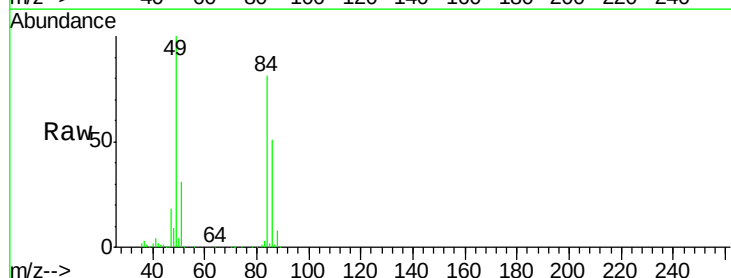
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

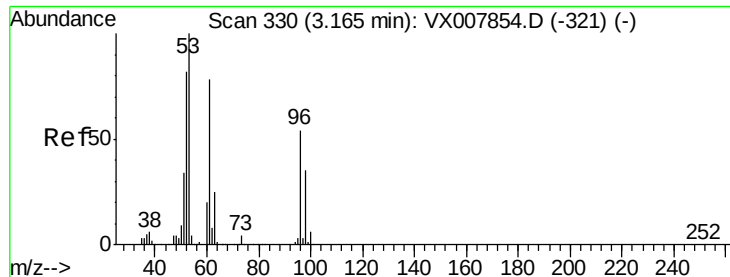
Tot Ion: 73 Resp: 391964
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4



#20
Methylene Chloride
Concen: 47.020 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion: 84 Resp: 127064
Ion Ratio Lower Upper
84 100
49 123.9 99.3 148.9
51 38.4 31.3 46.9
86 63.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.046 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

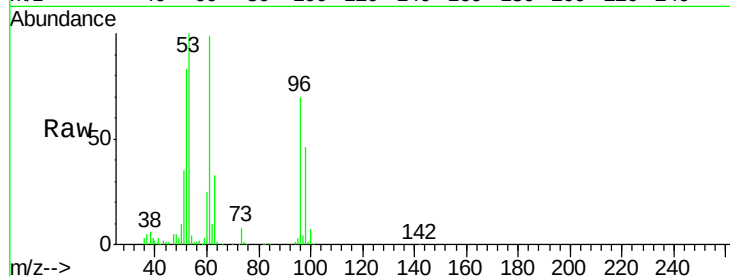
Tot Ion: 96 Resp: 119874

Ion Ratio Lower Upper

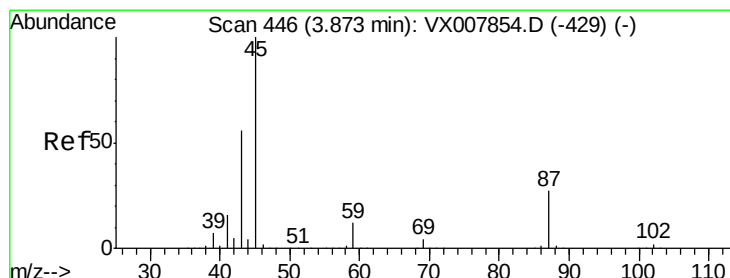
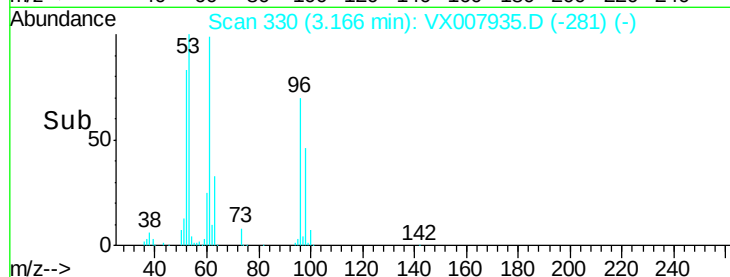
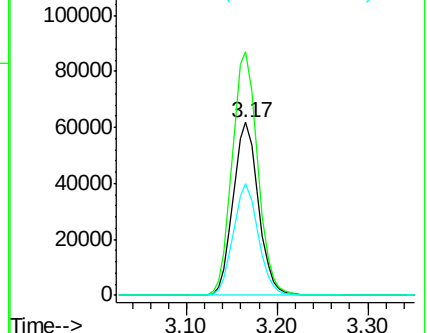
96 100

61 140.9 114.4 171.6

98 65.1 51.1 76.7



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: 46.902 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Tgt Ion: 45 Resp: 427450

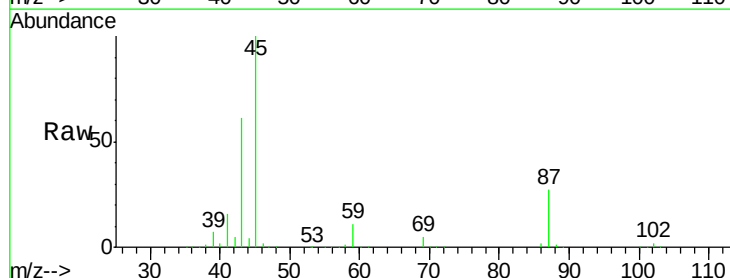
Ion Ratio Lower Upper

45 100

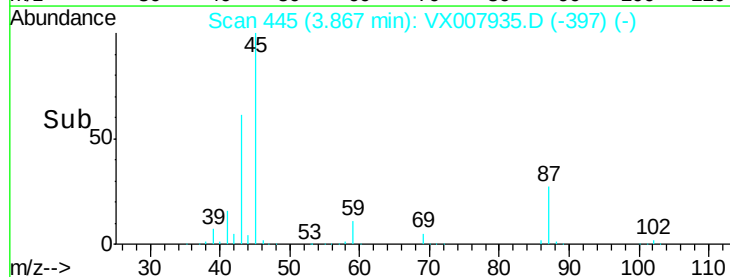
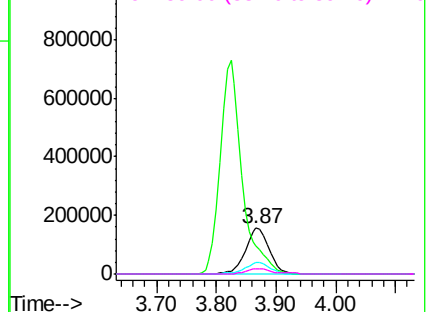
43 60.7 45.3 67.9

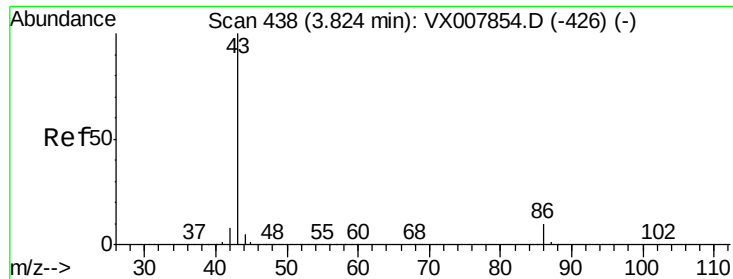
87 26.8 21.4 32.0

59 11.5 9.5 14.3



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: 233.383 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

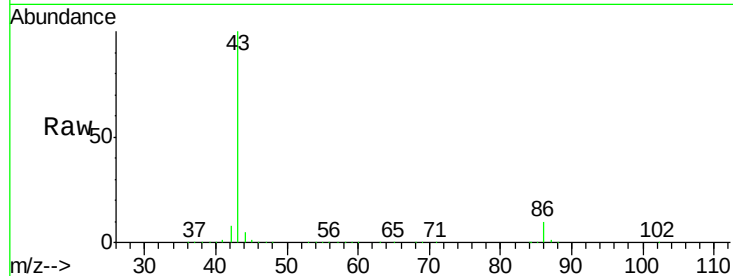
VSTDCCC050

Tot Ion: 43 Resp: 1865187

Ion Ratio Lower Upper

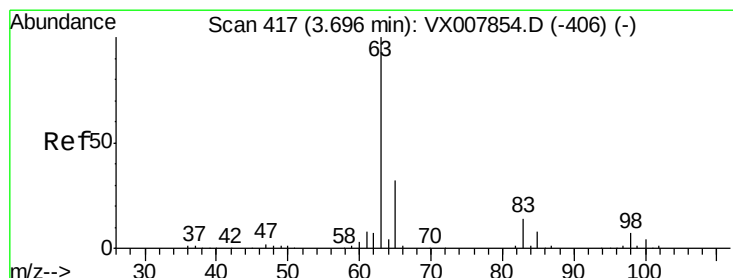
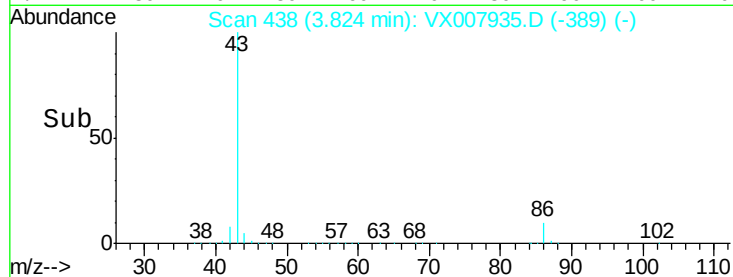
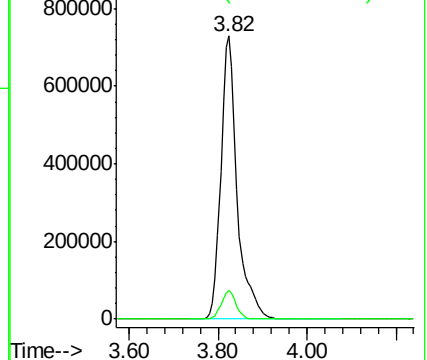
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.658 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

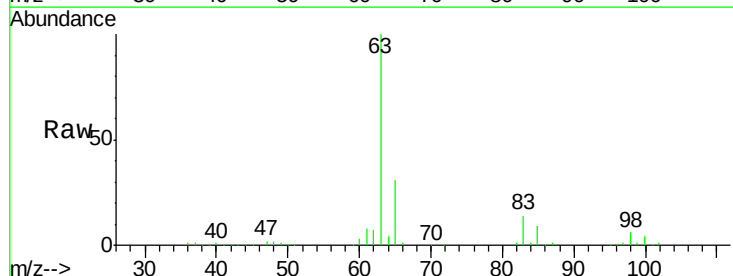
Tgt Ion: 63 Resp: 238644

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

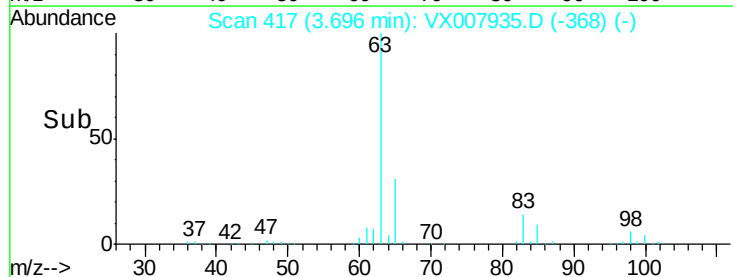
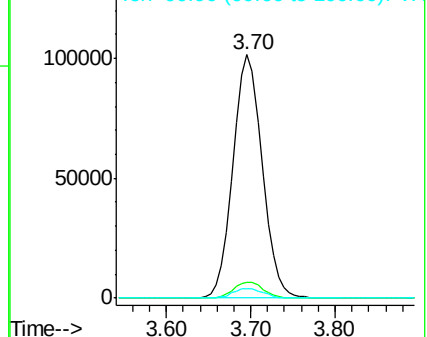
100 4.1 2.3 6.8

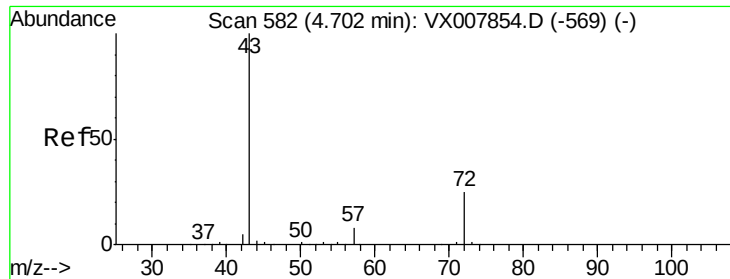


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.091 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

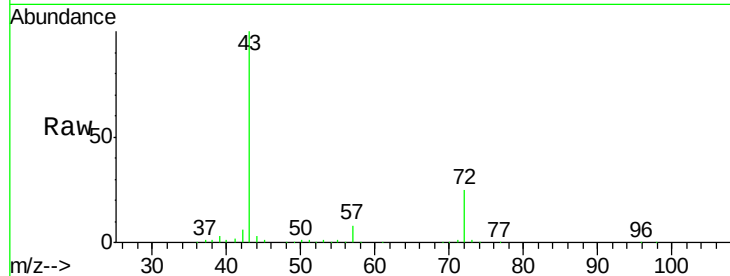
VSTDCCC050

Tot Ion: 43 Resp: 545896

Ion Ratio Lower Upper

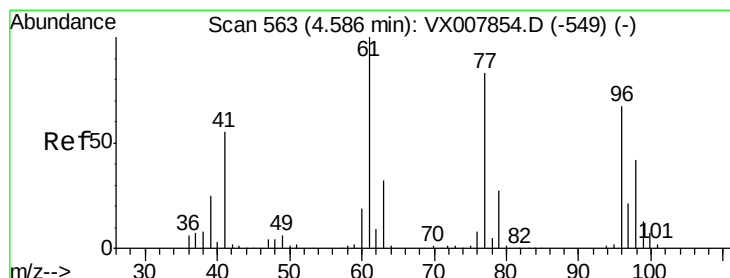
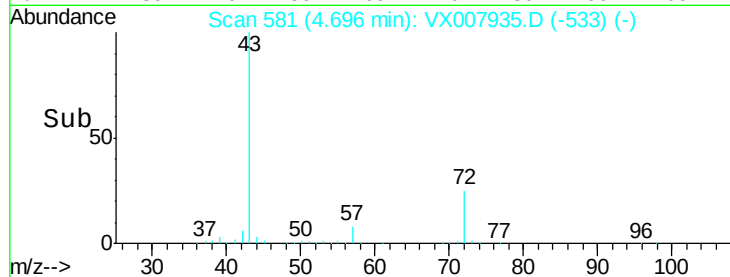
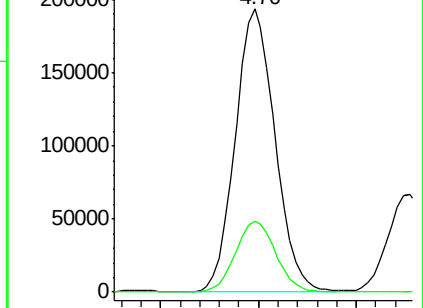
43 100

72 25.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.058 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007935.D

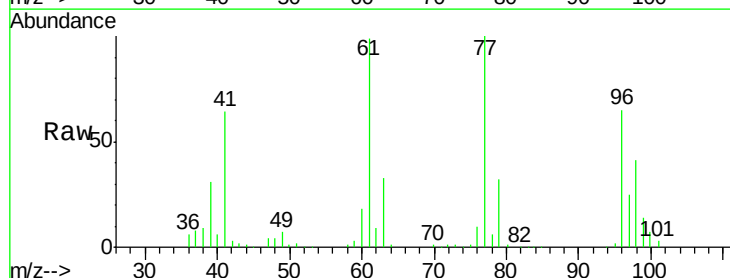
Acq: 08 Mar 2019 17:08

Tgt Ion: 77 Resp: 156155

Ion Ratio Lower Upper

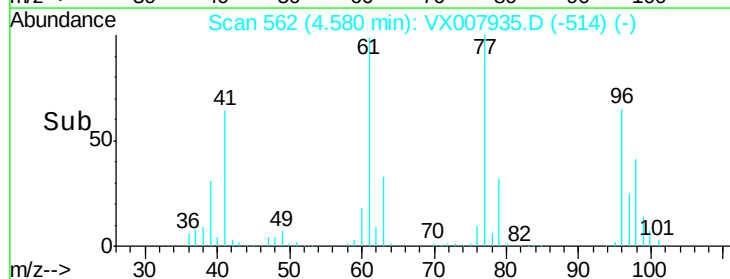
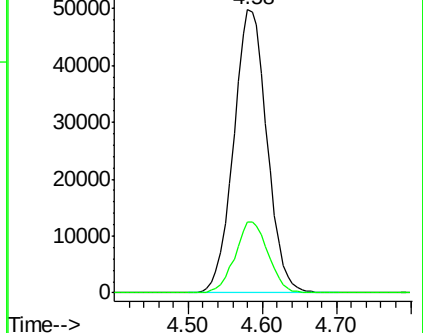
77 100

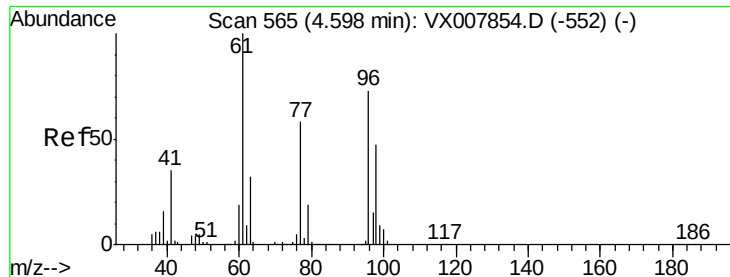
97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



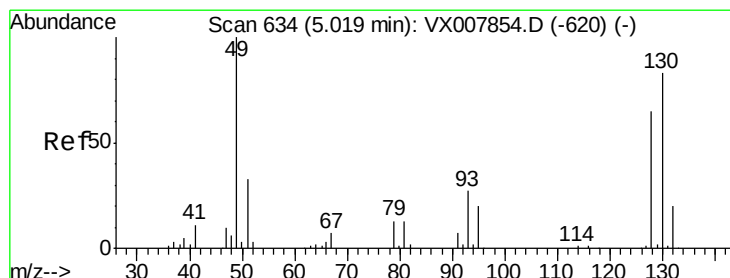
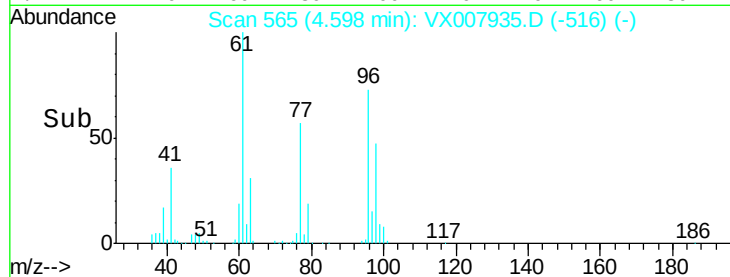
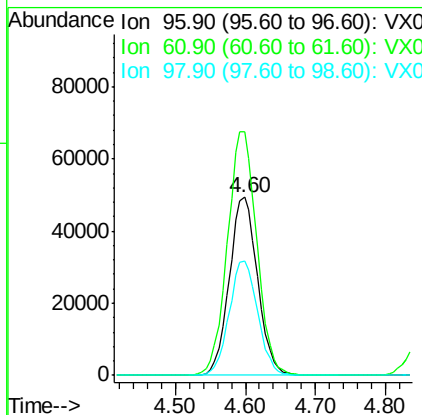
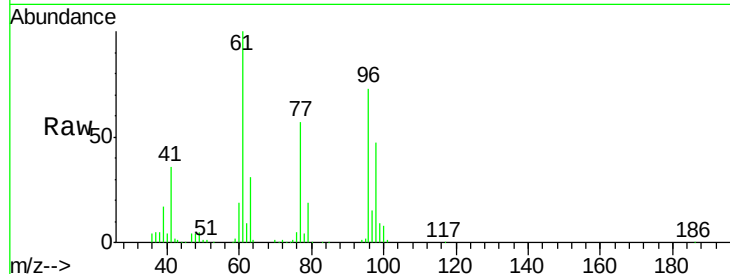


#27

cis-1,2-Dichloroethene
 Concen: 46.480 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

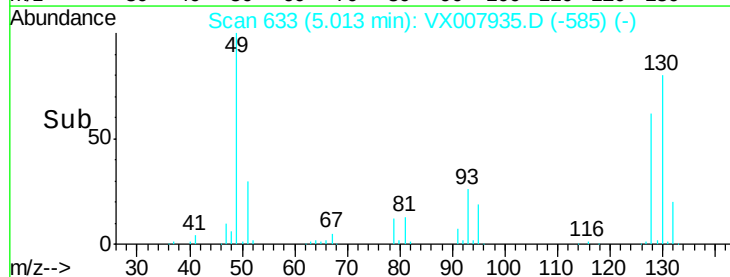
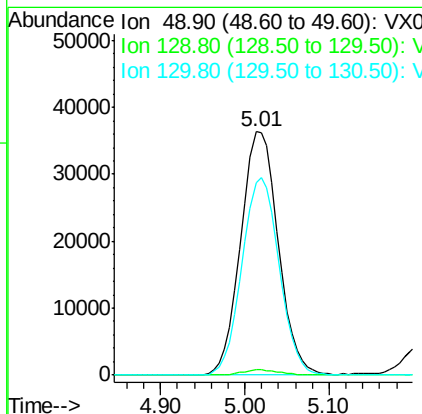
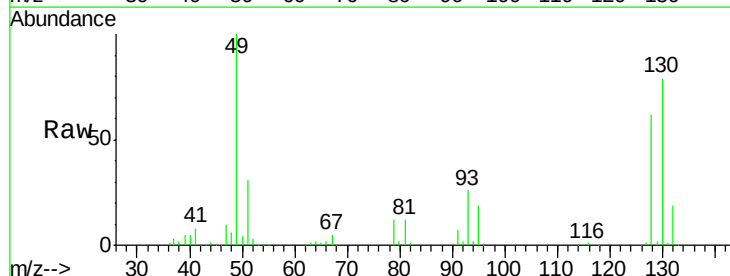
Tot Ion	96	Resp	138465
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	288.0
98	64.8	0.0	129.0

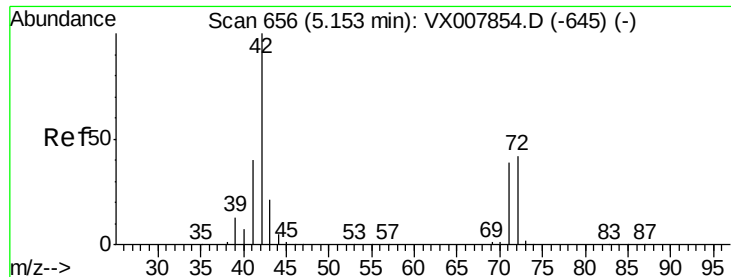


#28

Bromochloromethane
 Concen: 48.160 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion	49	Resp	110117
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.5	65.0	97.4





#29

Tetrahydrofuran

Concen: 229.527 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

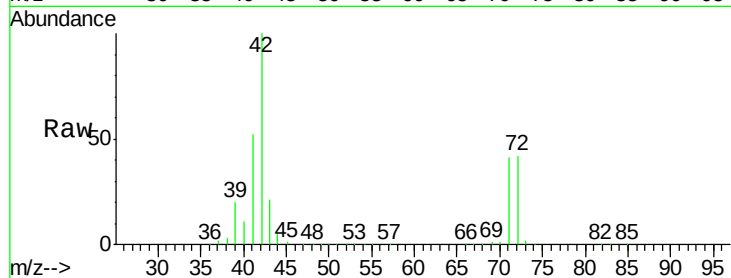
Tot Ion: 42 Resp: 344165

Ion Ratio Lower Upper

42 100

72 42.3 33.8 50.6

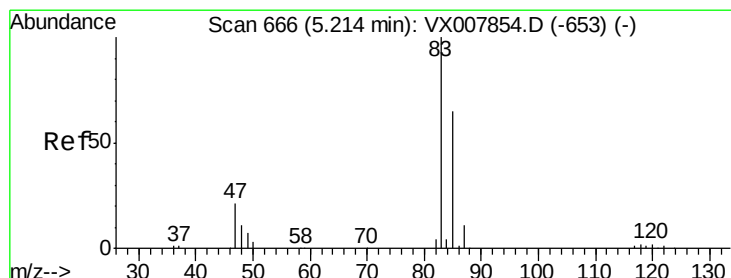
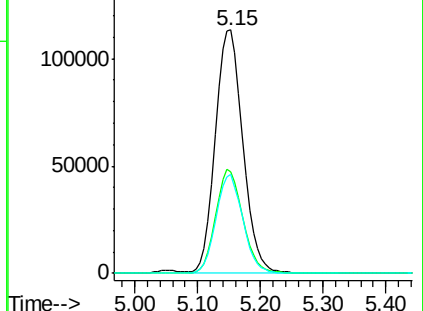
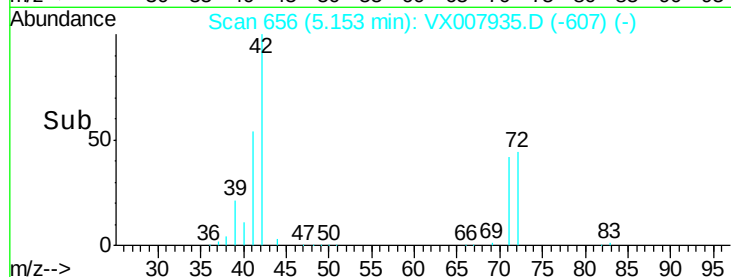
71 39.7 31.5 47.3



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: 46.995 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007935.D

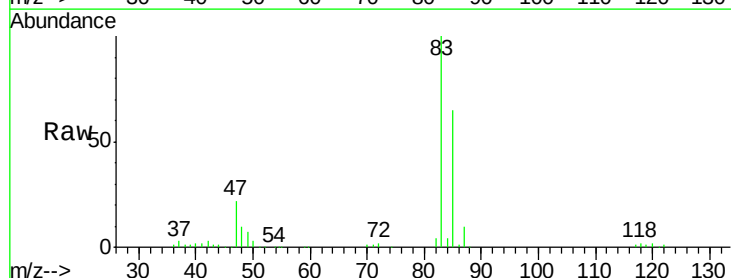
Acq: 08 Mar 2019 17:08

Tgt Ion: 83 Resp: 218025

Ion Ratio Lower Upper

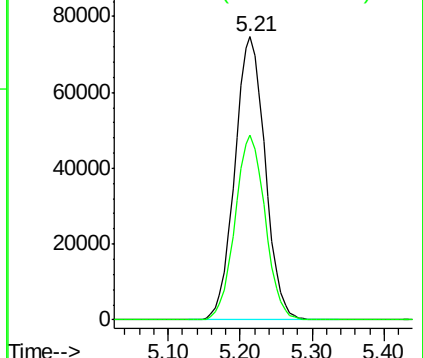
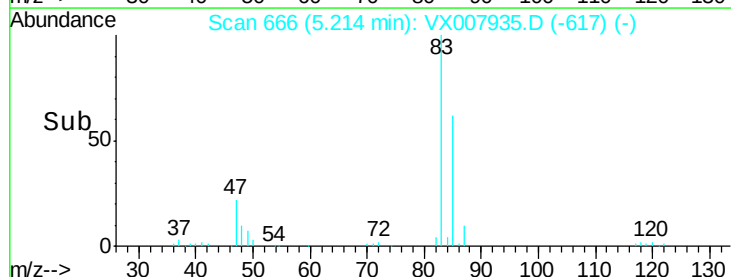
83 100

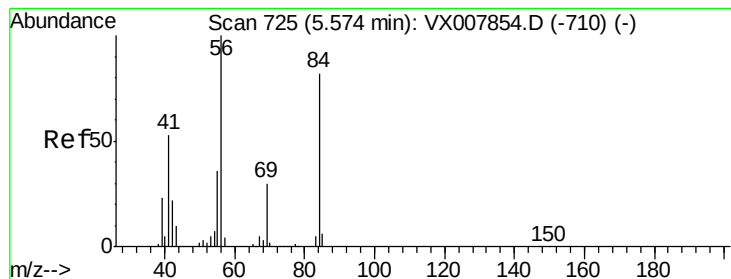
85 65.3 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.256 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

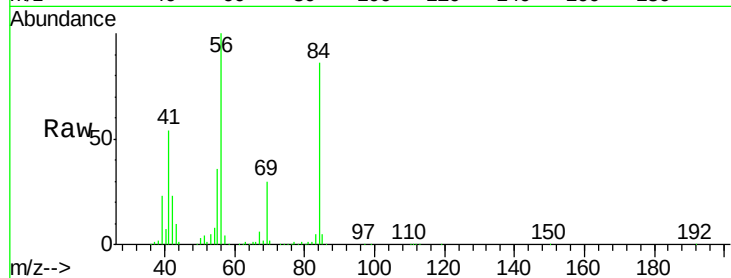
Tot Ion: 56 Resp: 217519

Ion Ratio Lower Upper

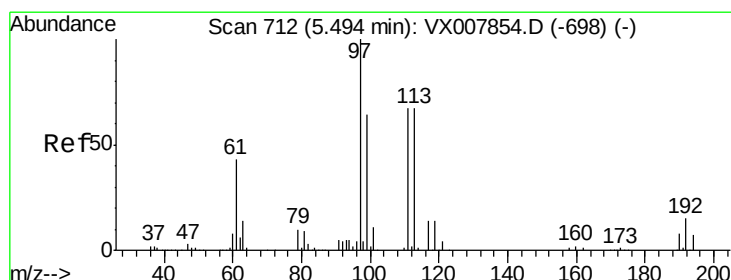
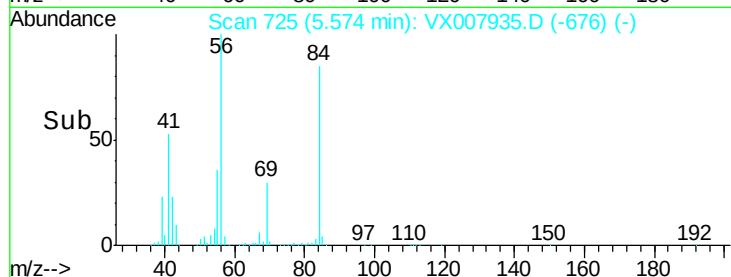
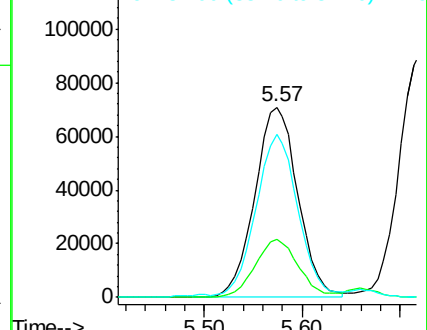
56 100

69 30.3 24.0 36.0

84 84.3 65.3 97.9



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: 47.815 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

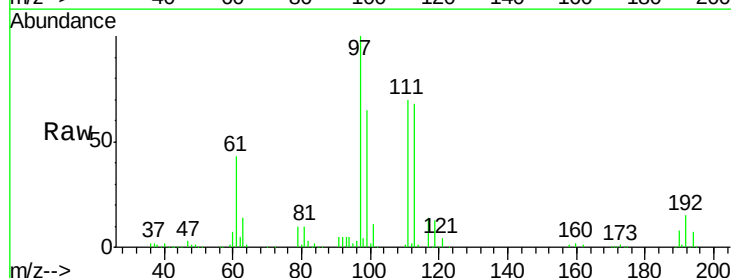
Tgt Ion: 97 Resp: 184052

Ion Ratio Lower Upper

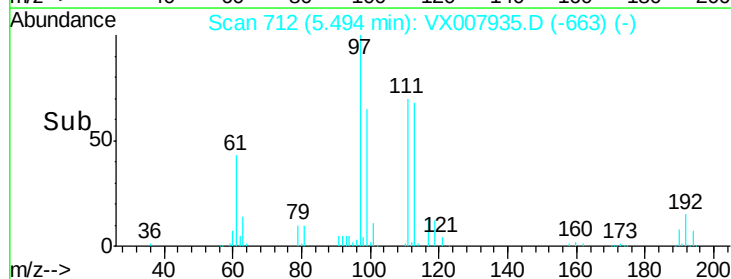
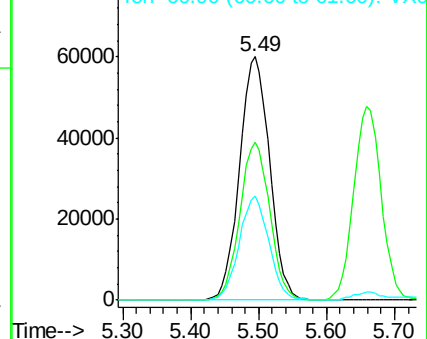
97 100

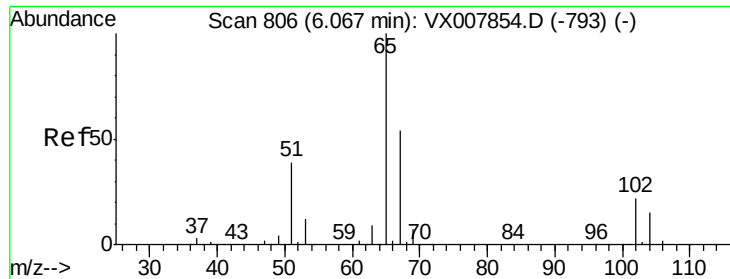
99 64.7 52.2 78.2

61 42.4 34.9 52.3



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

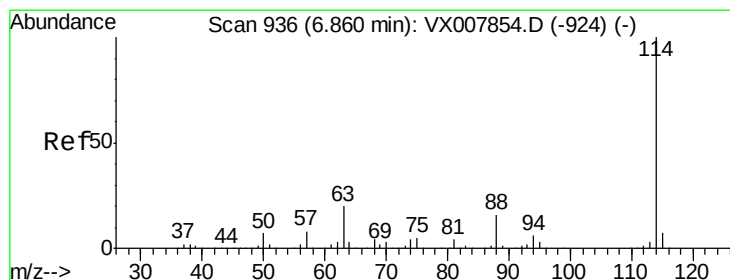
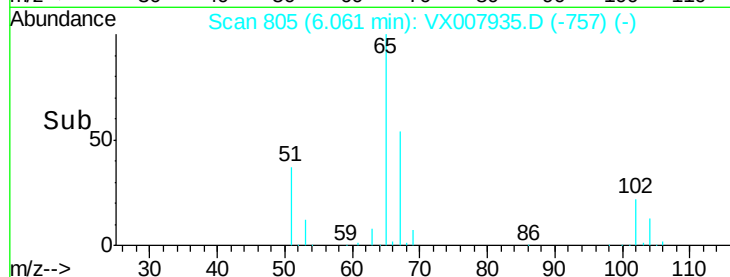
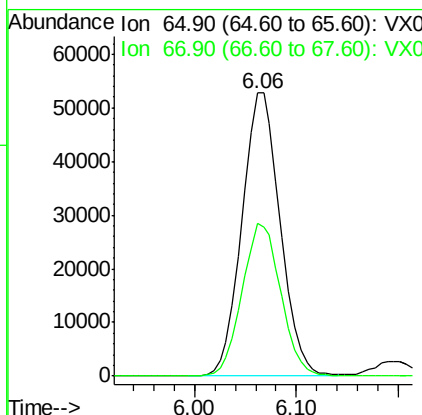
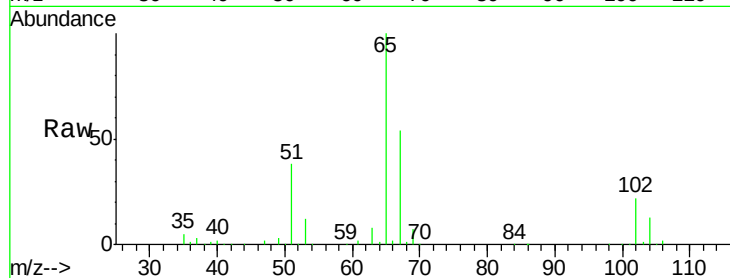




#33
 1,2-Dichloroethane-d4
 Concen: 46.963 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

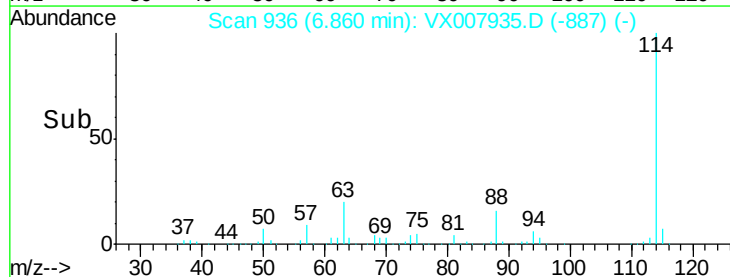
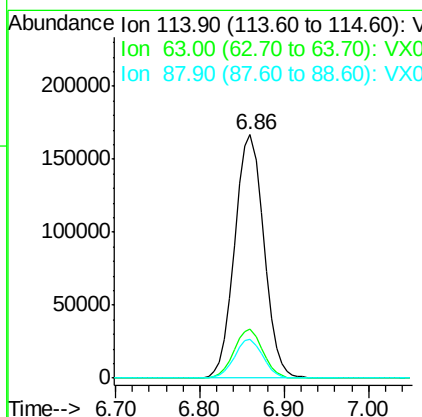
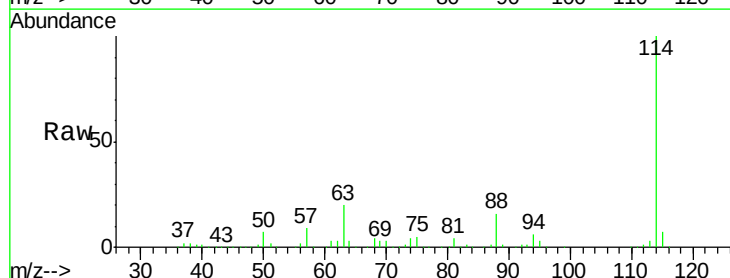
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

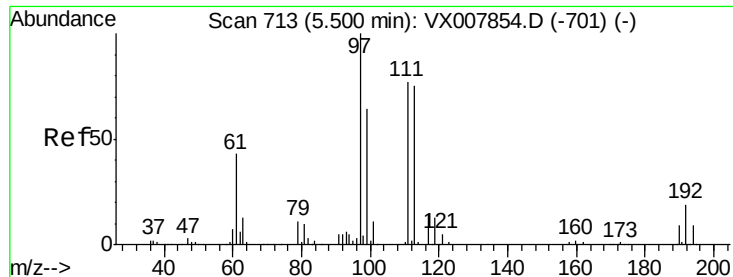
Tot Ion: 65 Resp: 137769
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion: 114 Resp: 390462
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.7 0.0 31.4

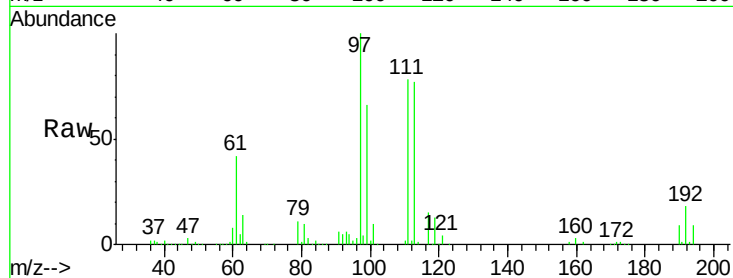




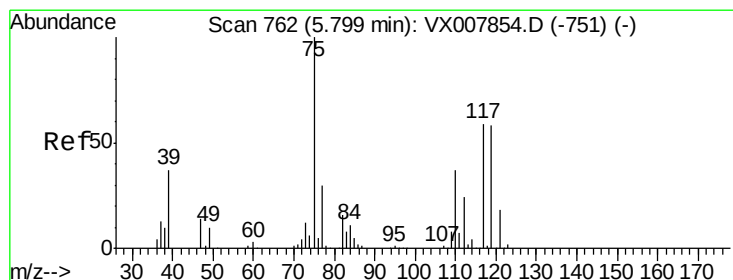
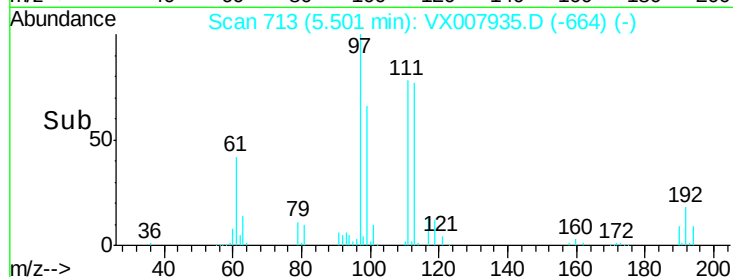
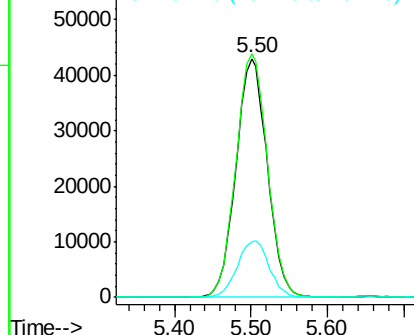
#35
 Dibromofluoromethane
 Concen: 48.811 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 121912
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 24.2 19.4 29.0

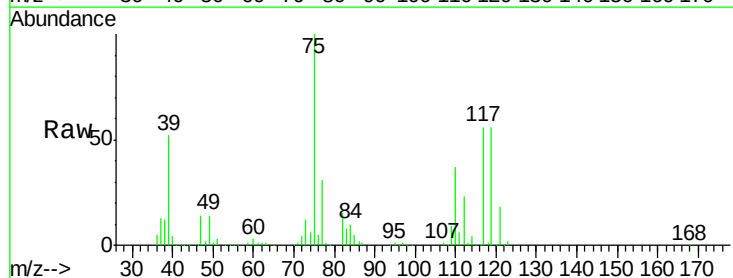


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

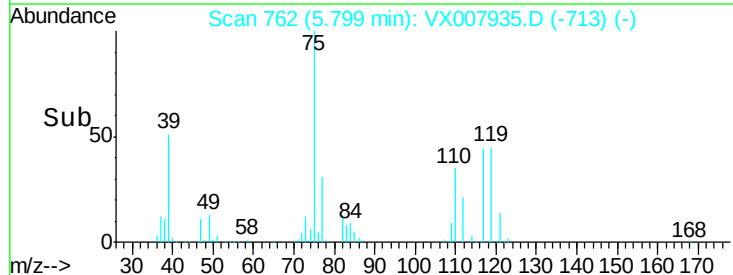
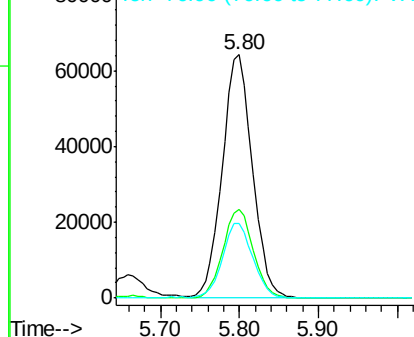


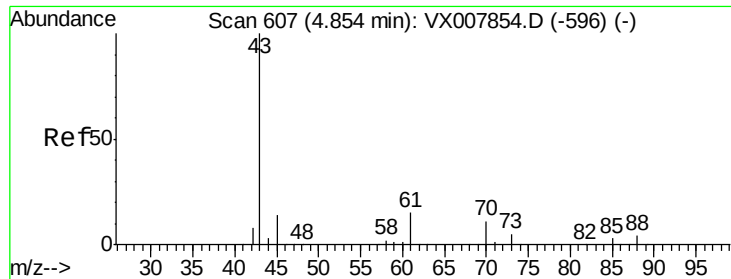
#36
 1,1-Dichloropropene
 Concen: 48.359 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion: 75 Resp: 170977
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.0
 77 31.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

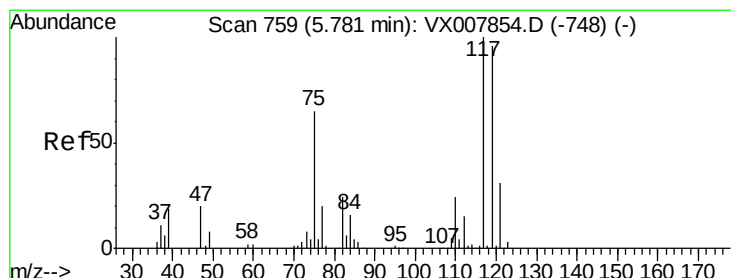
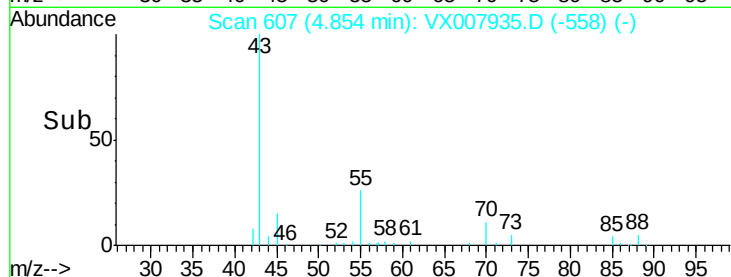
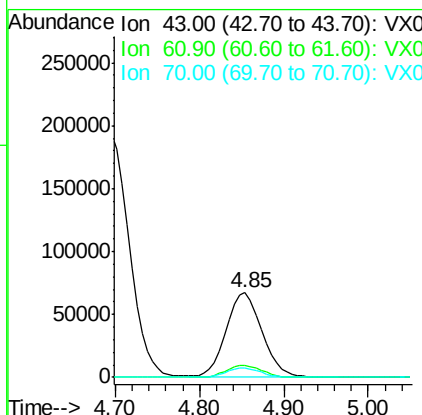
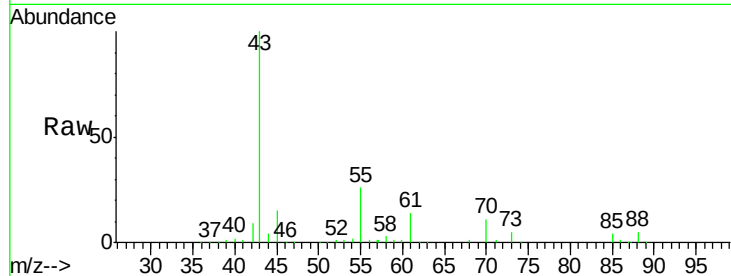




#37
Ethyl Acetate
Concen: 46.206 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

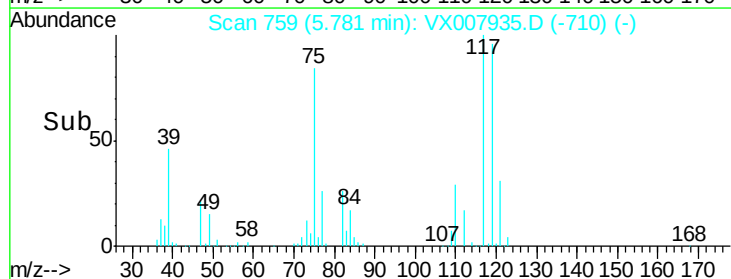
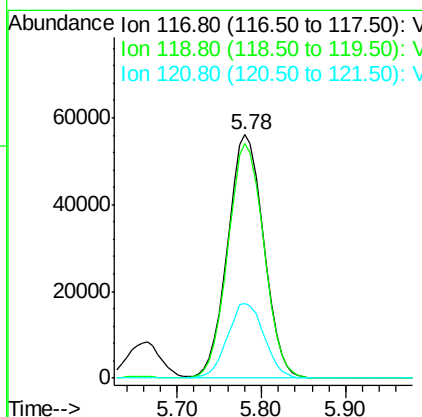
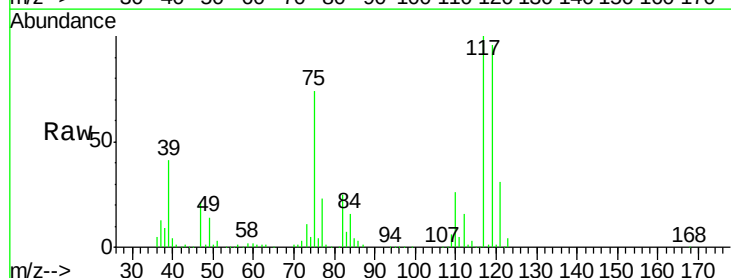
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

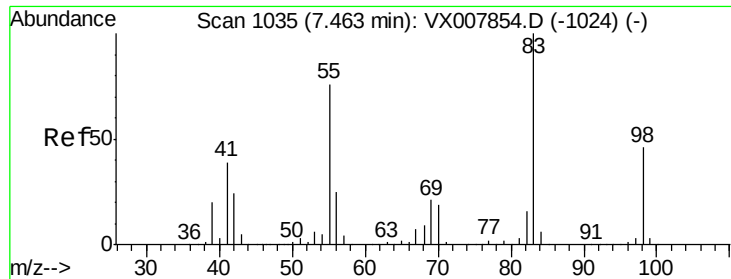
Tot Ion: 43 Resp: 193863
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.655 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion: 117 Resp: 163314
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2
121 30.8 24.6 36.8

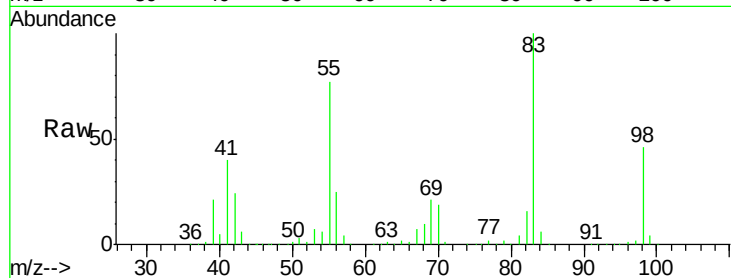




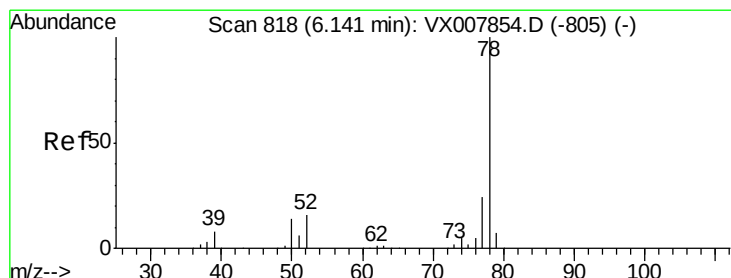
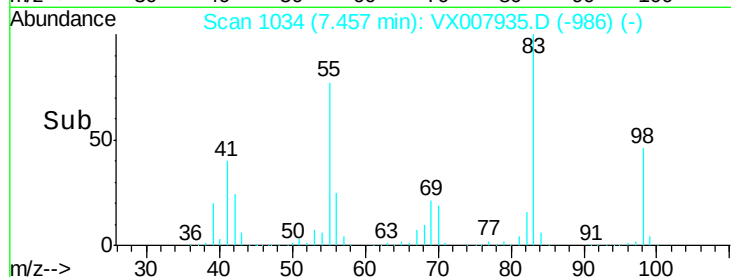
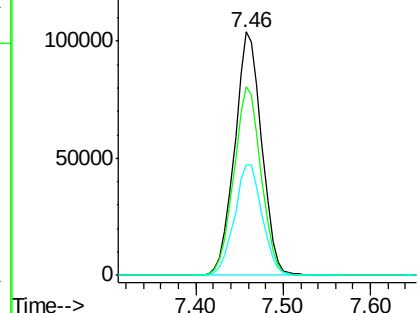
#39
Methylvlcyclohexane
Concen: 52.042 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 222954
Ion Ratio Lower Upper
83 100
55 77.3 60.4 90.6
98 45.6 36.5 54.7

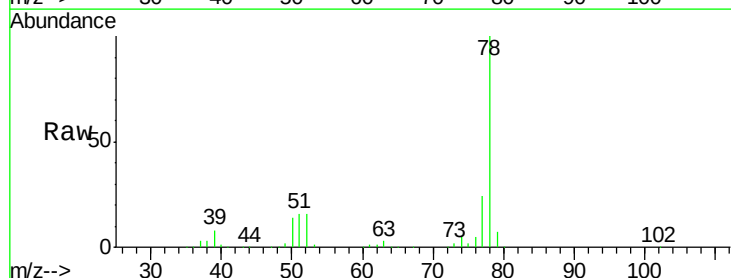


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

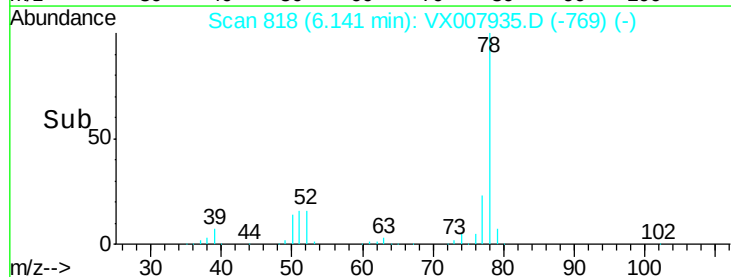
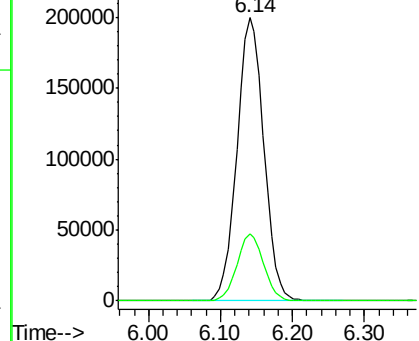


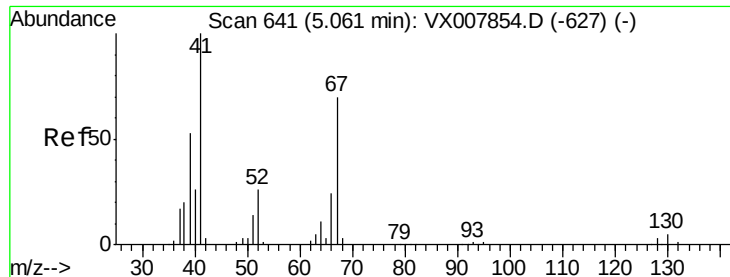
#40
Benzene
Concen: 49.090 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion: 78 Resp: 516702
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.951 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 111973

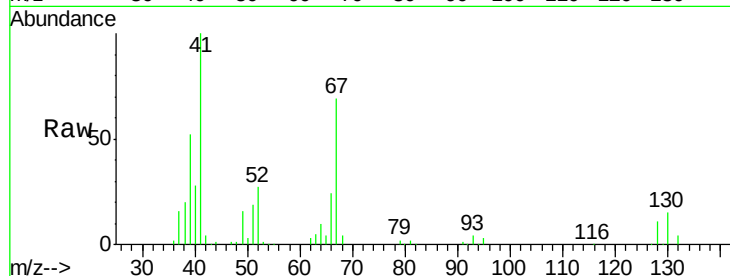
Ion Ratio Lower Upper

41 100

39 51.9 41.6 62.4

67 69.3 55.8 83.6

52 27.3 21.7 32.5

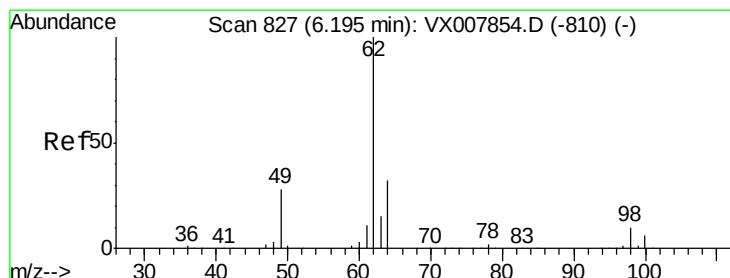
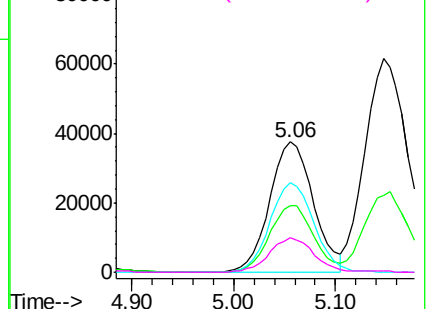
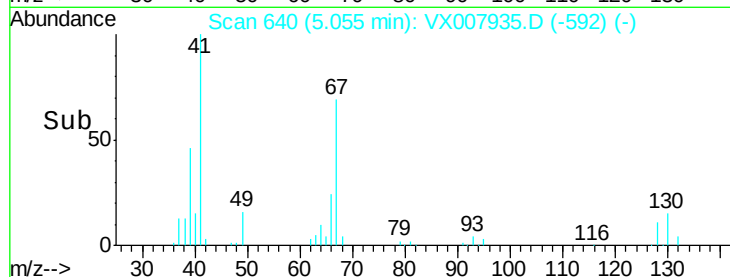


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.436 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007935.D

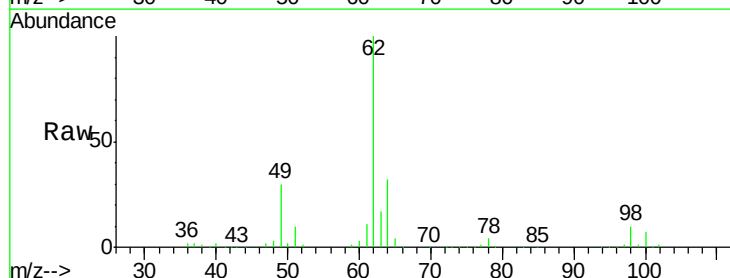
Acq: 08 Mar 2019 17:08

Tgt Ion: 62 Resp: 166726

Ion Ratio Lower Upper

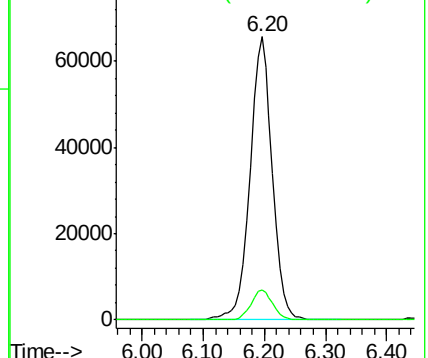
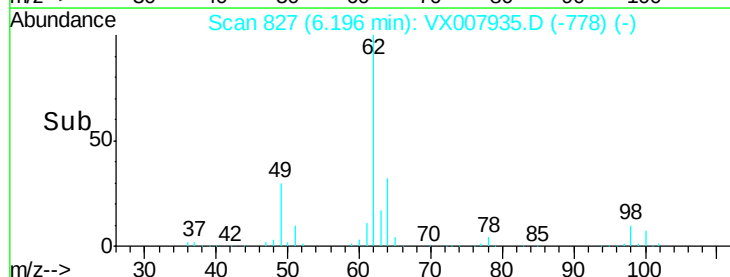
62 100

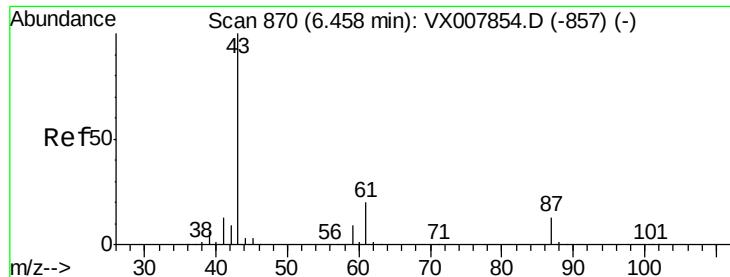
98 10.4 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.932 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

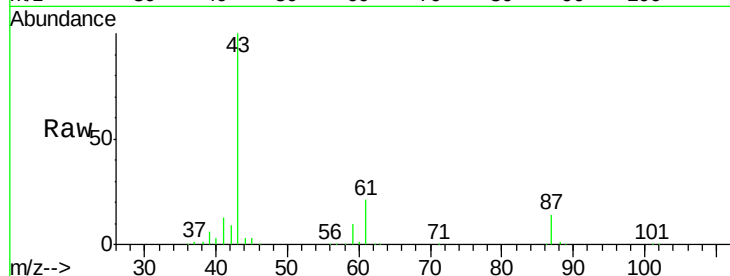
Tot Ion: 43 Resp: 303837

Ion Ratio Lower Upper

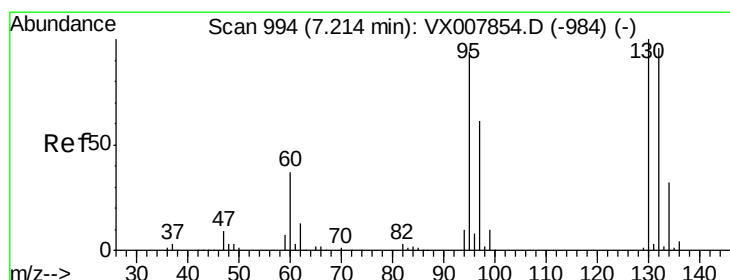
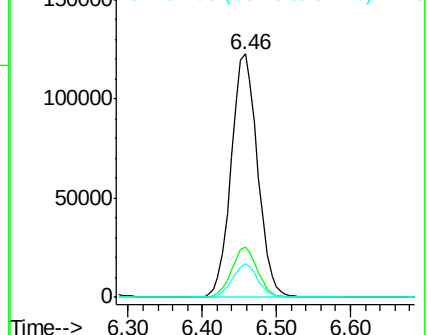
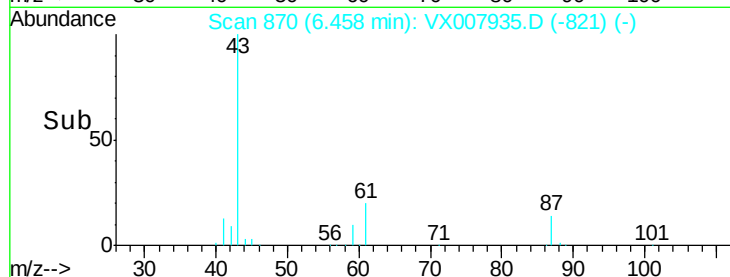
43 100

61 20.4 16.3 24.5

87 13.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX007935.D (-821) (-)



#44

Trichloroethene

Concen: 48.952 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007935.D

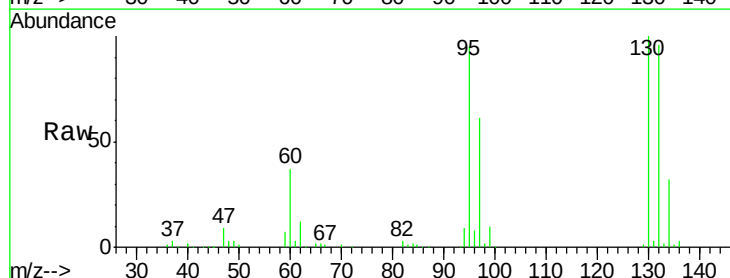
Acq: 08 Mar 2019 17:08

Tgt Ion: 130 Resp: 141991

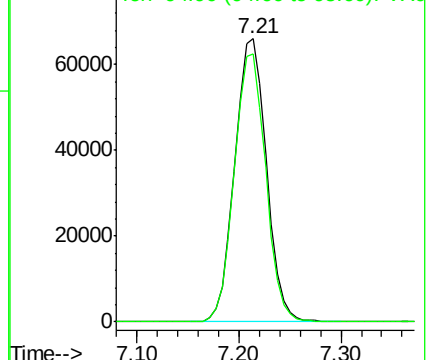
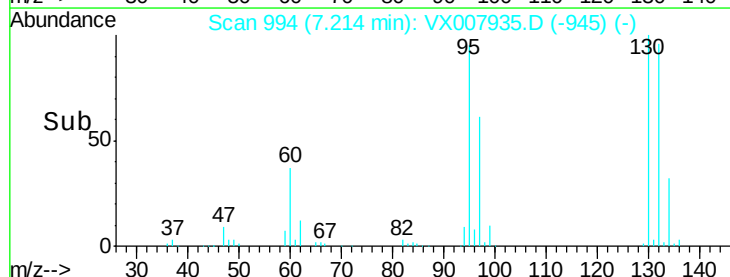
Ion Ratio Lower Upper

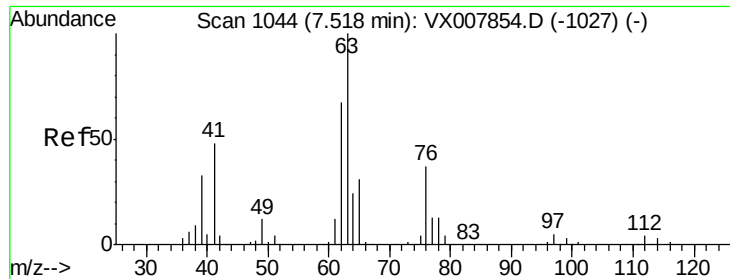
130 100

95 94.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX007935.D (-945) (-)

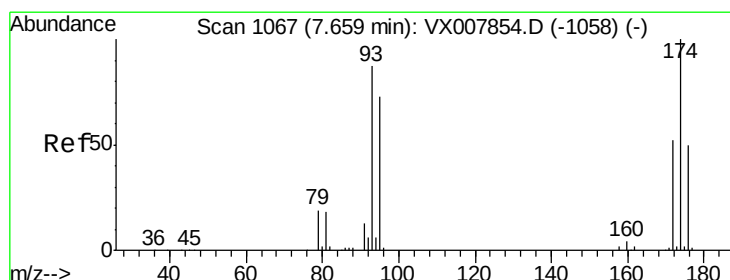
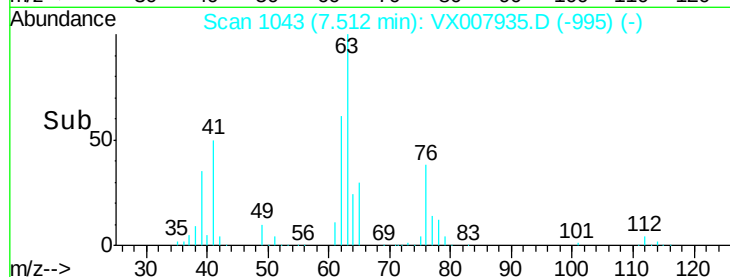
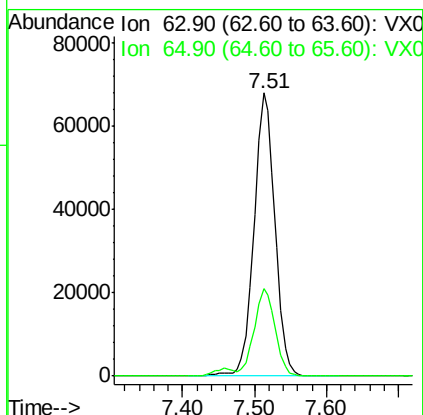
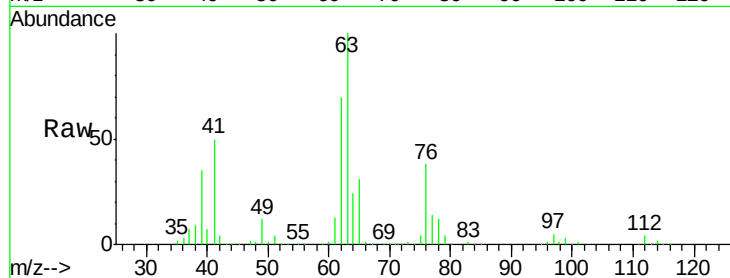




#45
 1,2-Dichloropropane
 Concen: 49.477 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

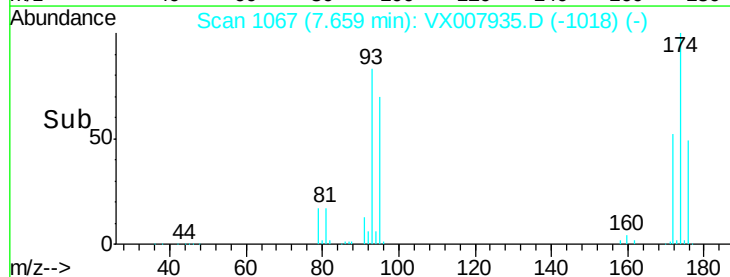
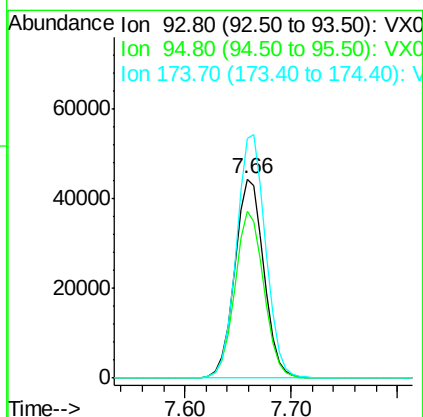
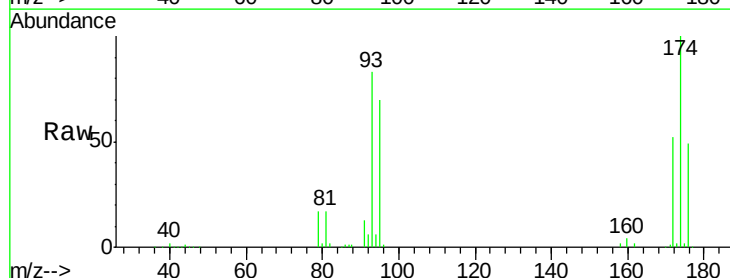
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

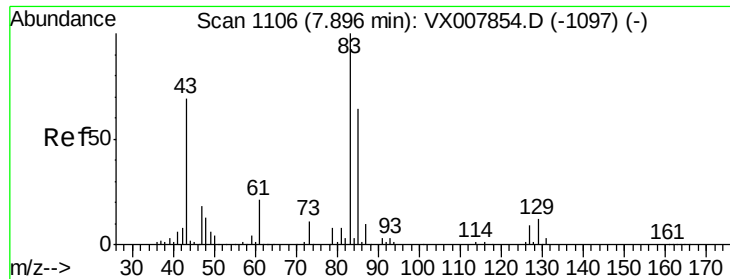
Tot Ion: 63 Resp: 137546
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 48.499 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion: 93 Resp: 85325
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 122.9 97.3 145.9





#47

Bromodichloromethane

Concen: 49.044 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

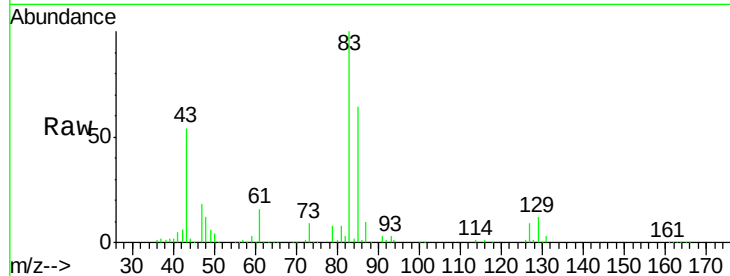
Tot Ion: 83 Resp: 163592

Ion Ratio Lower Upper

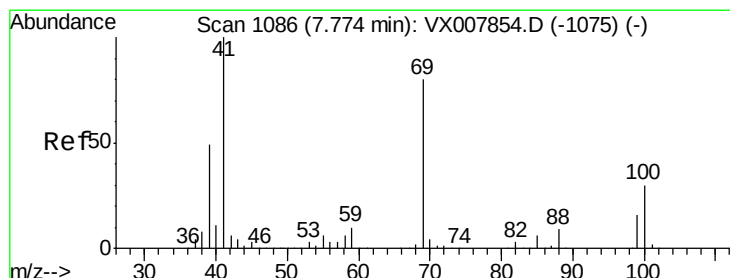
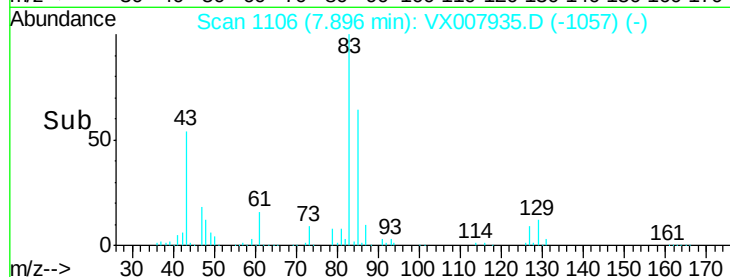
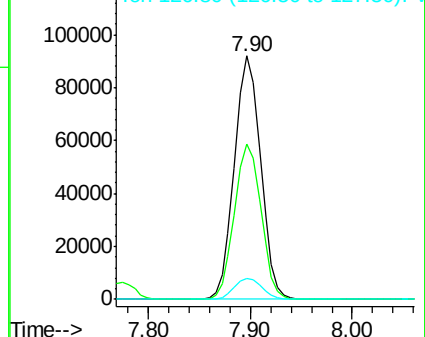
83 100

85 63.9 50.9 76.3

127 8.8 7.4 11.0



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: 49.487 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

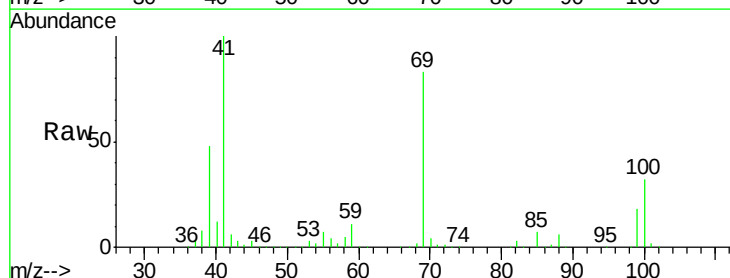
Tgt Ion: 41 Resp: 161558

Ion Ratio Lower Upper

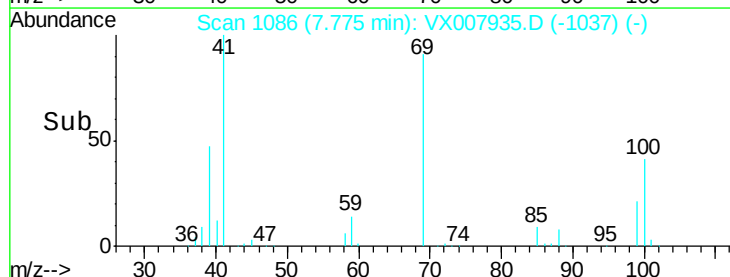
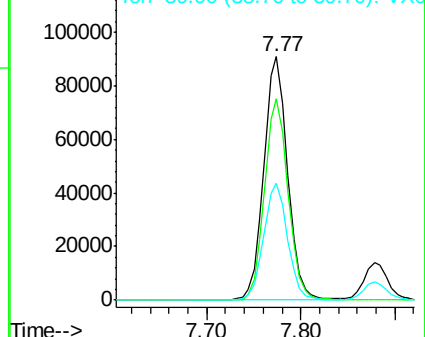
41 100

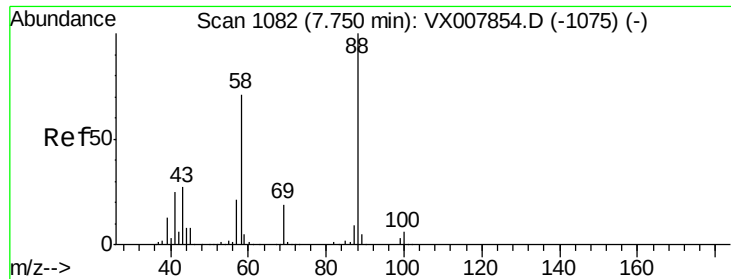
69 82.6 65.2 97.8

39 48.5 39.4 59.2



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

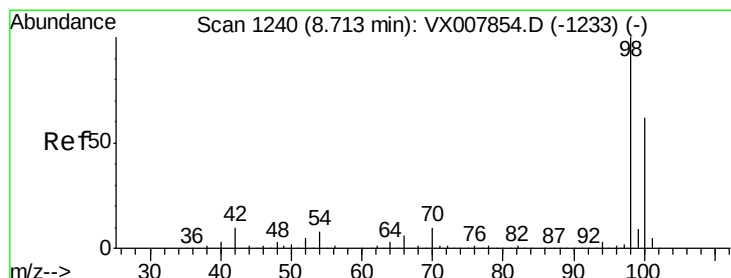
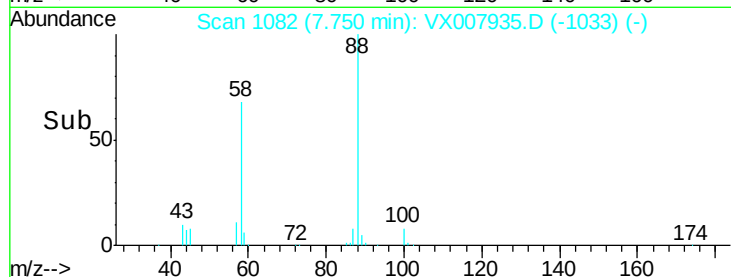
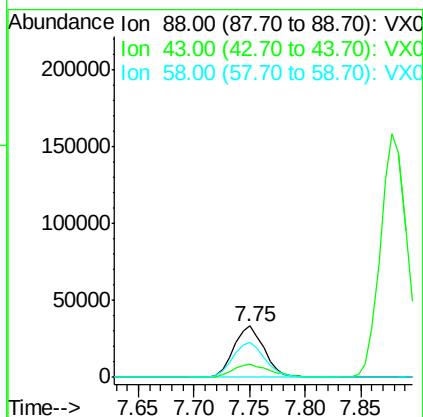
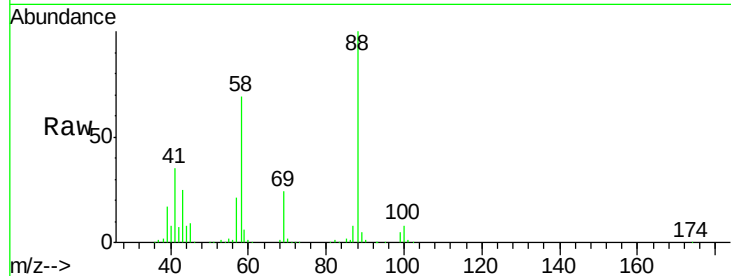




#49
1,4-Dioxane
Concen: 942.922 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

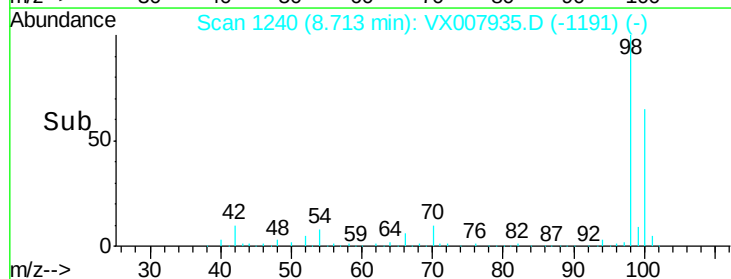
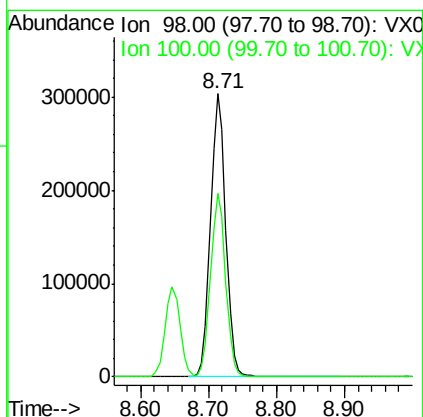
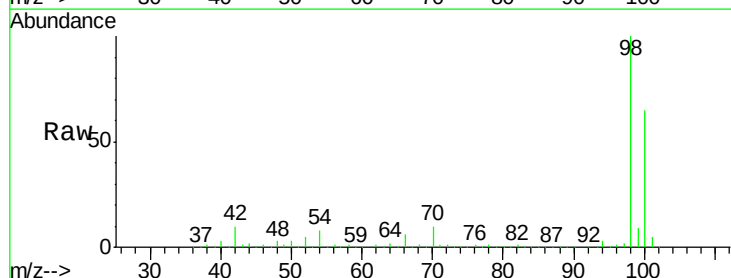
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

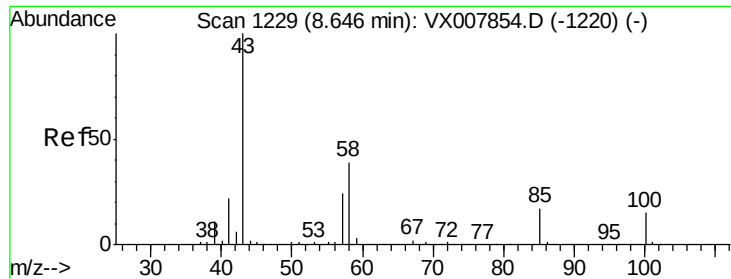
Tot Ion: 88 Resp: 63235
Ion Ratio Lower Upper
88 100
43 31.0 25.1 37.7
58 72.1 57.8 86.6



#50
Toluene-d8
Concen: 51.262 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion: 98 Resp: 470214
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 245.532 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

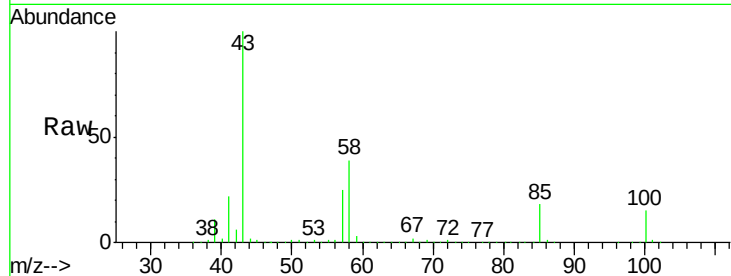
VSTDCCC050

Tot Ion: 43 Resp: 980475

Ion Ratio Lower Upper

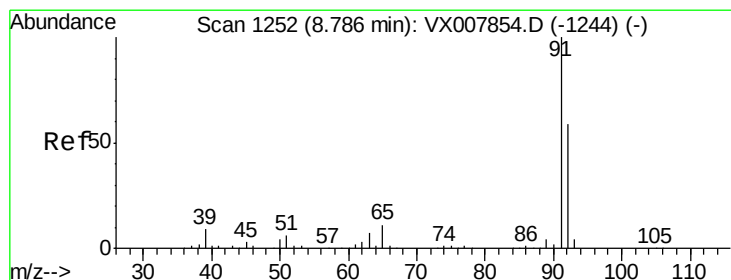
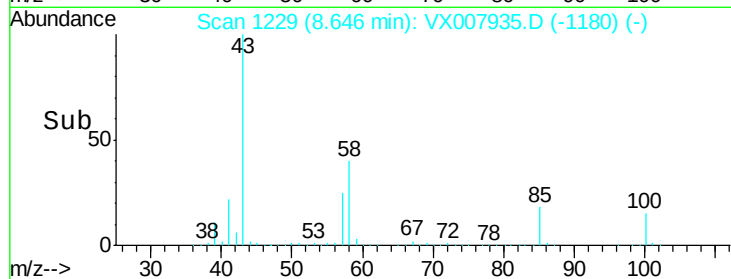
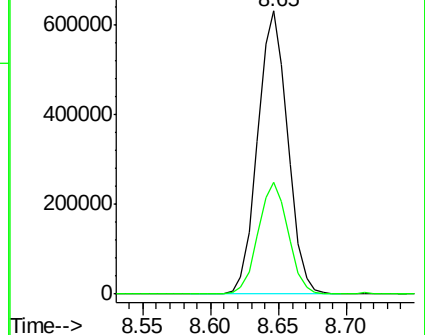
43 100

58 39.4 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.529 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007935.D

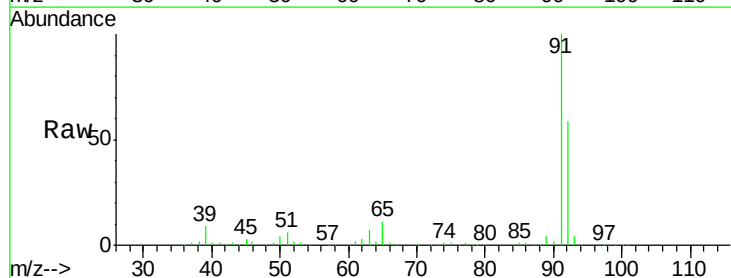
Acq: 08 Mar 2019 17:08

Tgt Ion: 92 Resp: 324702

Ion Ratio Lower Upper

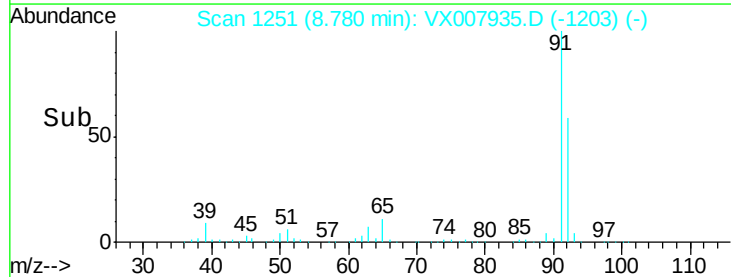
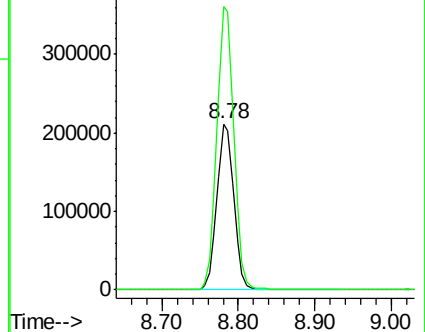
92 100

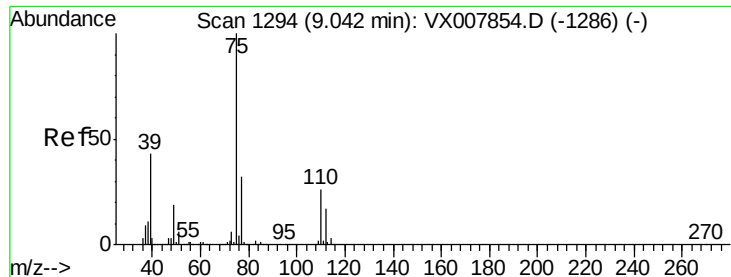
91 172.1 137.4 206.0



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: 52.242 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

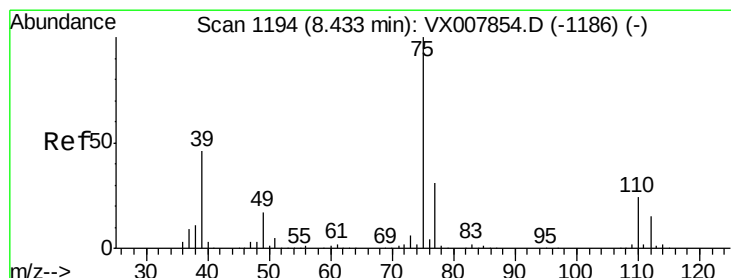
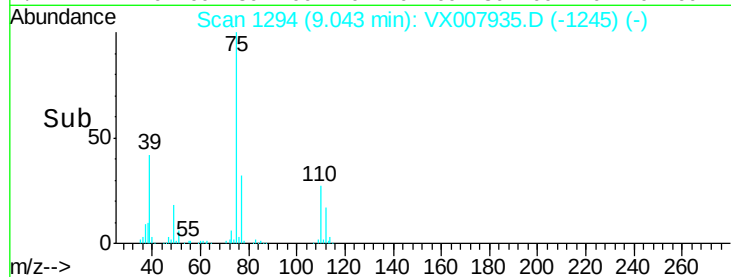
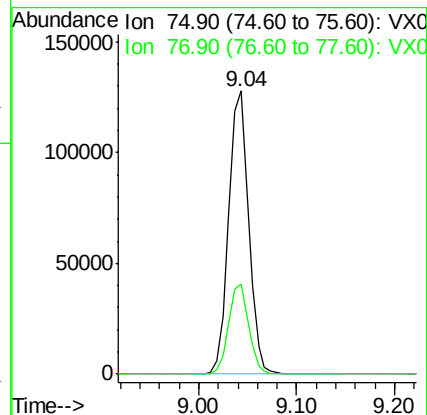
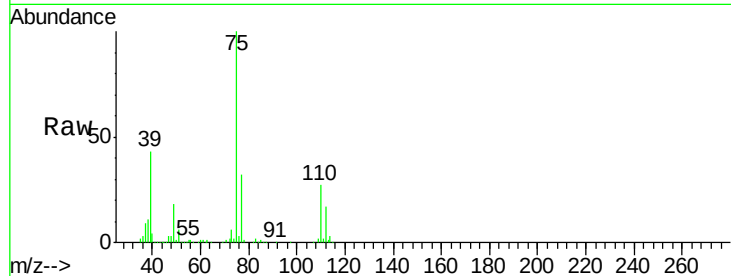
VSTDCCC050

Tot Ion: 75 Resp: 181879

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.917 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

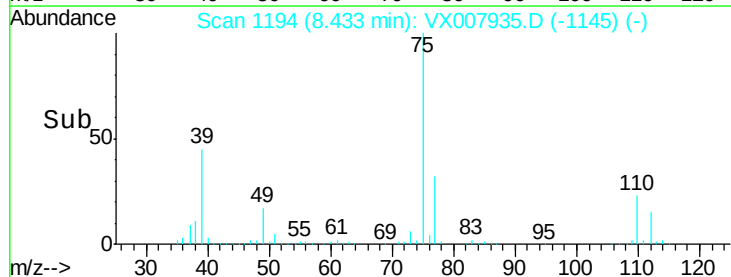
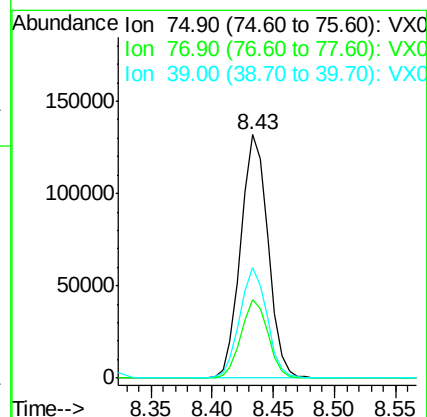
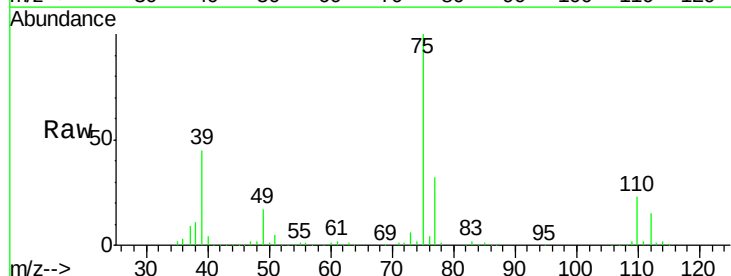
Tgt Ion: 75 Resp: 204111

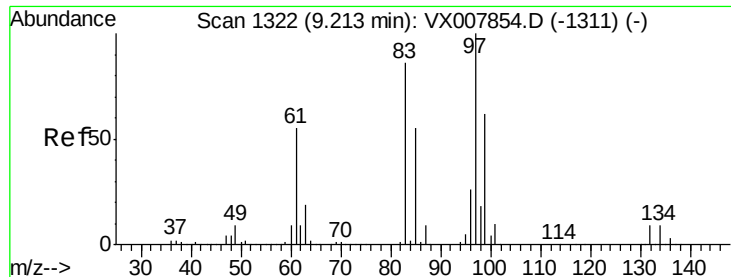
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 45.1 36.6 54.8

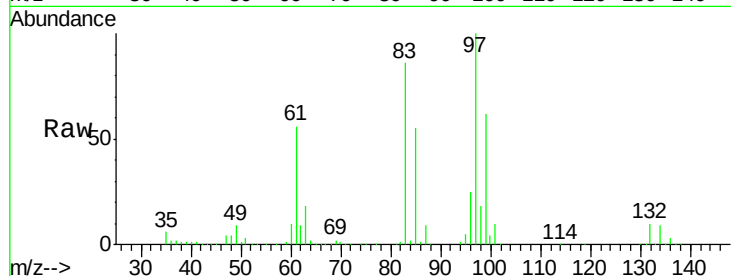




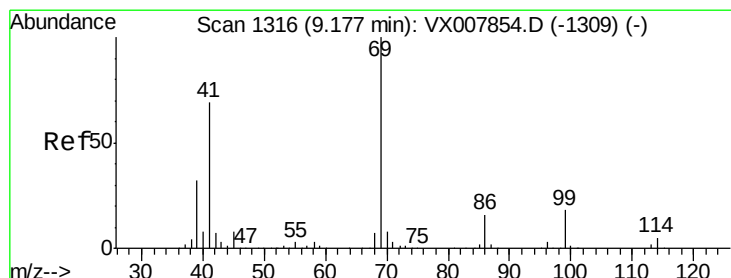
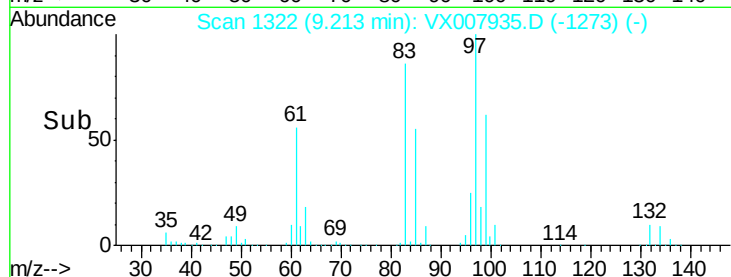
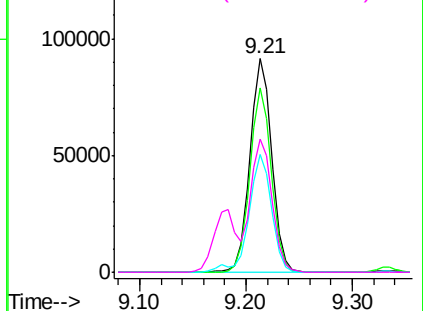
#55
1,1,2-Trichloroethane
Concen: 50.581 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 97 Resp: 131580
Ion Ratio Lower Upper
97 100
83 86.3 69.1 103.7
85 55.1 44.3 66.5
99 62.2 49.8 74.8

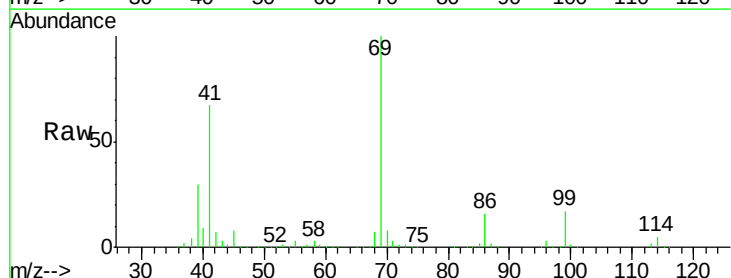


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

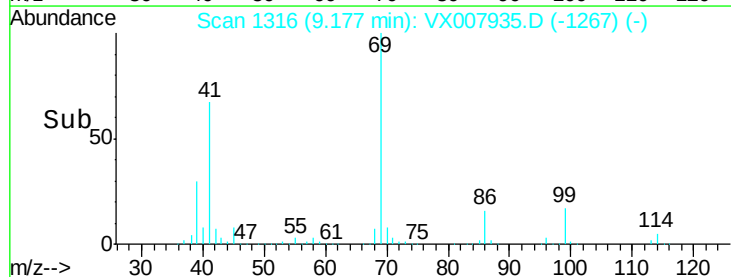
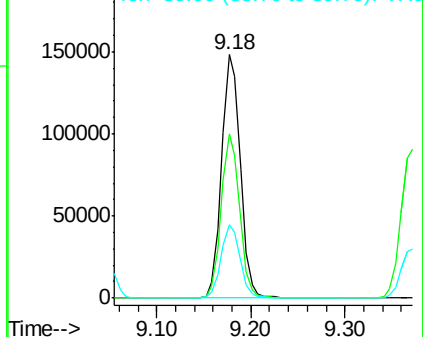


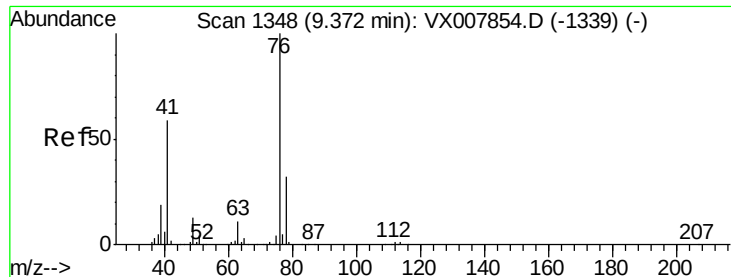
#56
Ethyl methacrylate
Concen: 52.313 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion: 69 Resp: 204323
Ion Ratio Lower Upper
69 100
41 66.4 54.2 81.4
39 30.6 25.0 37.4



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: 50.016 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

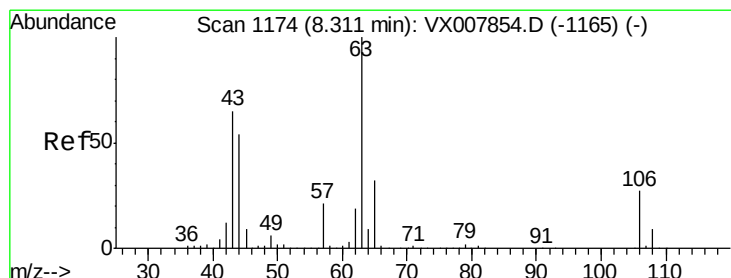
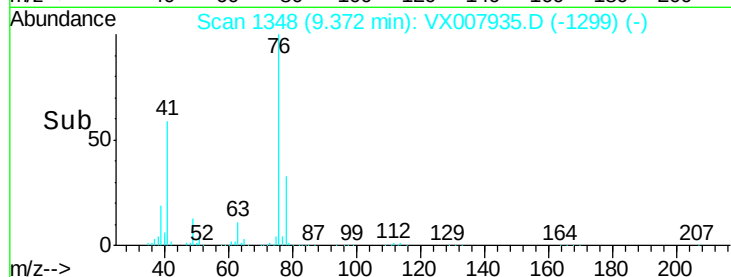
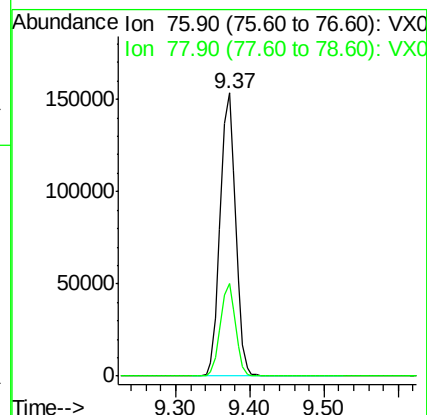
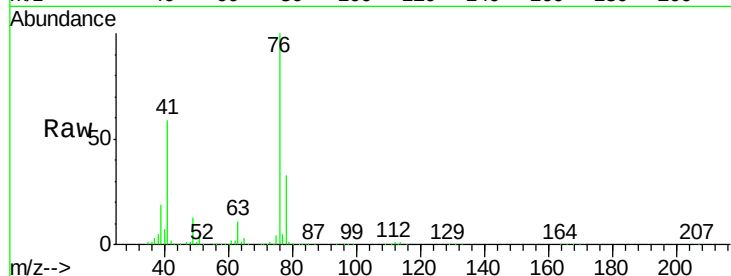
VSTDCCC050

Tot Ion: 76 Resp: 218464

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 260.662 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007935.D

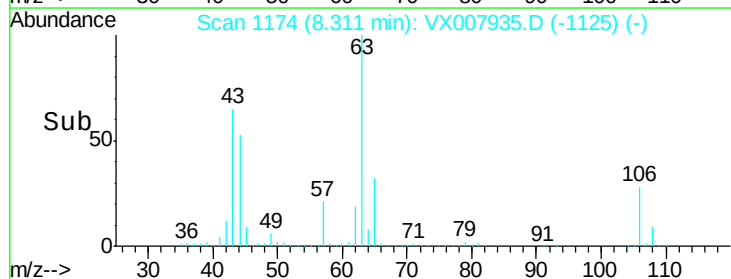
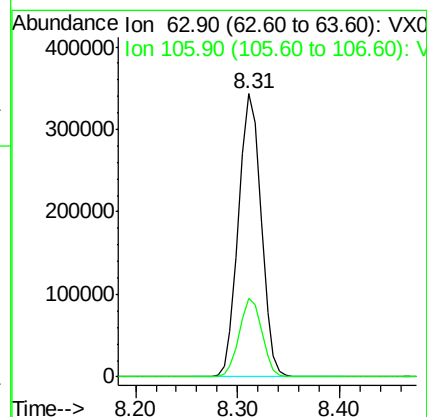
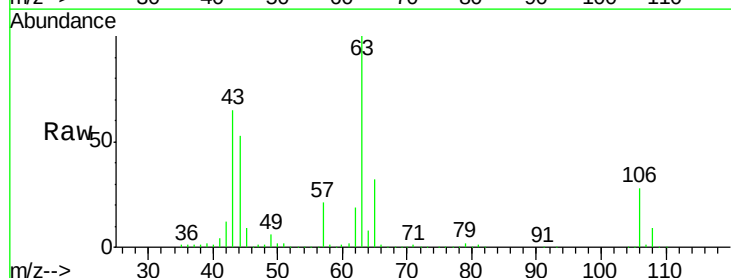
Acq: 08 Mar 2019 17:08

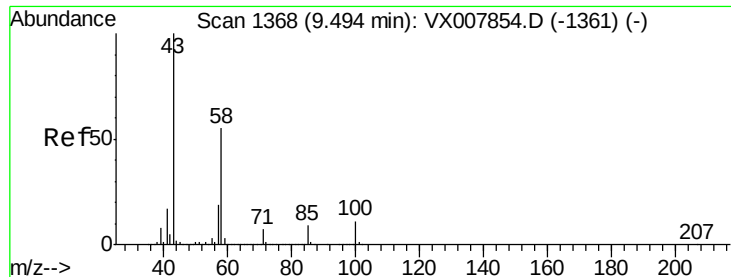
Tgt Ion: 63 Resp: 526636

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2

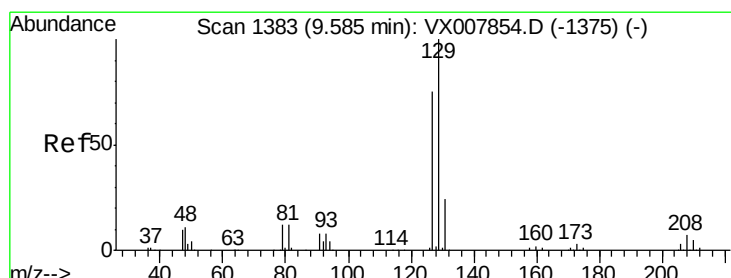
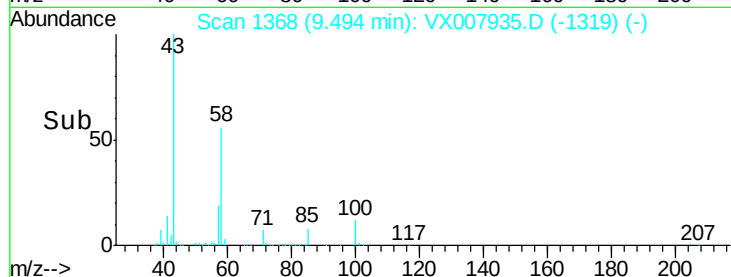
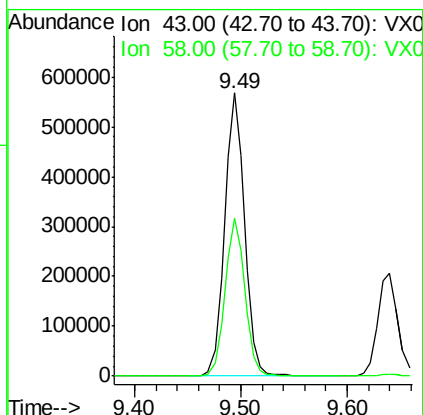
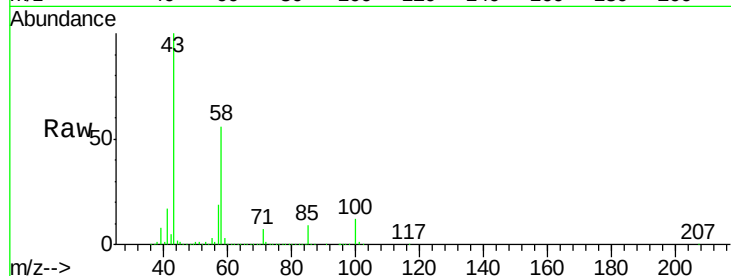




#59
2-Hexanone
Concen: 239.859 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

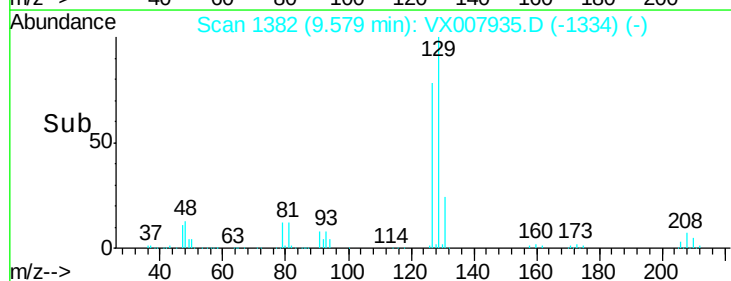
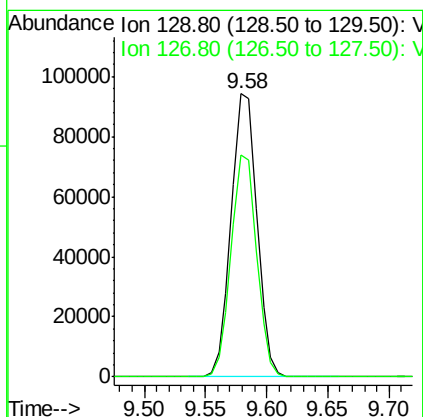
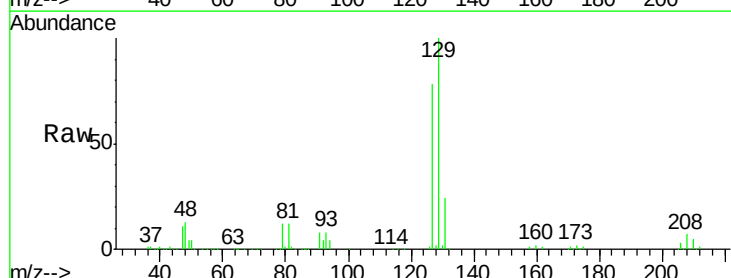
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

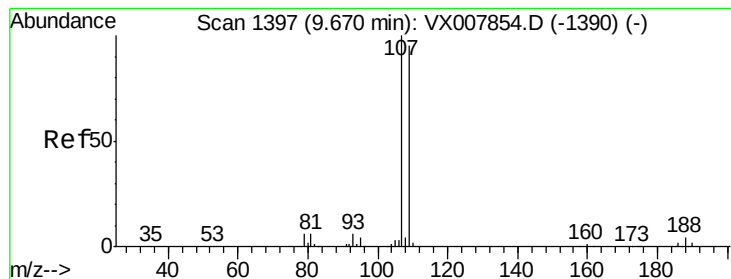
Tot Ion: 43 Resp: 743632
Ion Ratio Lower Upper
43 100
58 55.6 27.6 82.7



#60
Dibromochloromethane
Concen: 50.641 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion: 129 Resp: 137693
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 49.960 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

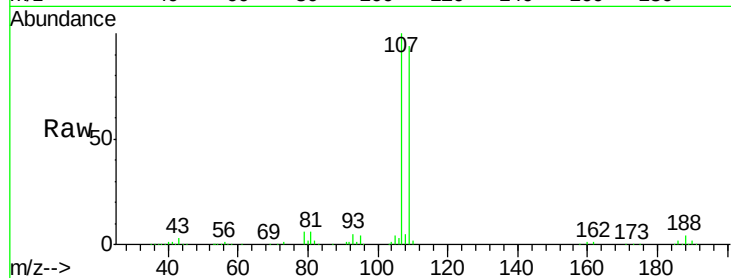
VSTDCCC050

Tot Ion:107 Resp: 137984

Ion Ratio Lower Upper

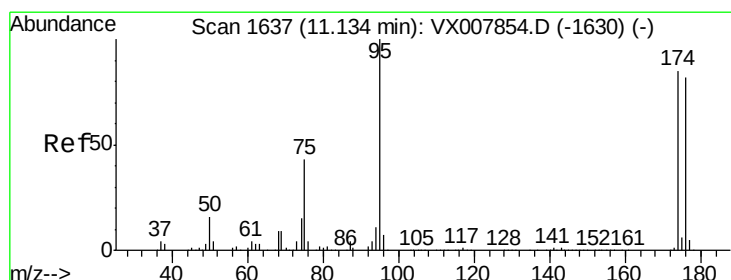
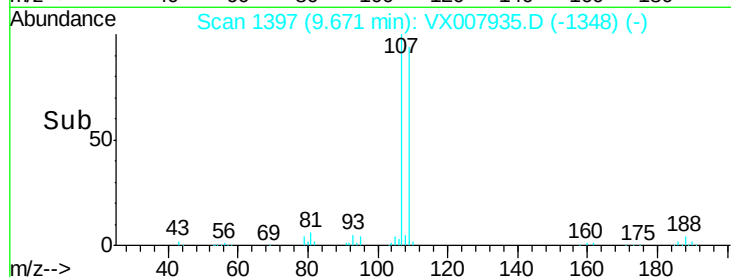
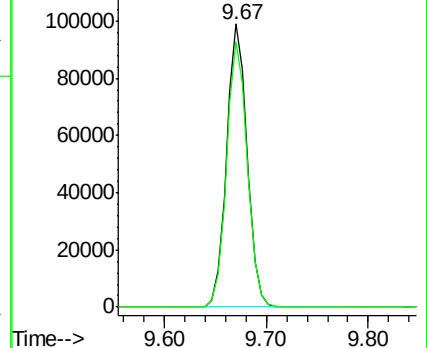
107 100

109 94.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.350 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

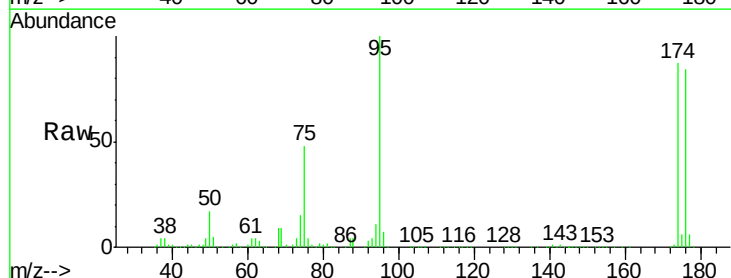
Tgt Ion: 95 Resp: 168359

Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

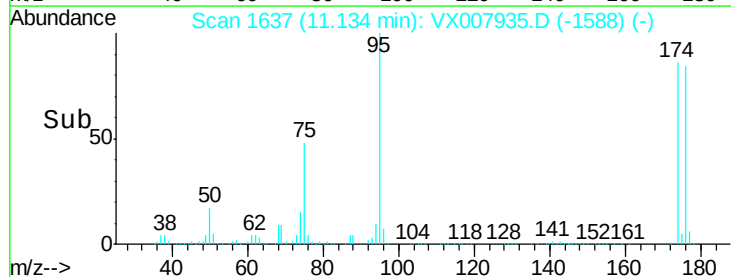
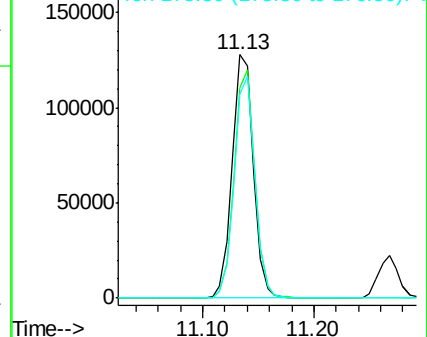
176 89.0 0.0 178.0

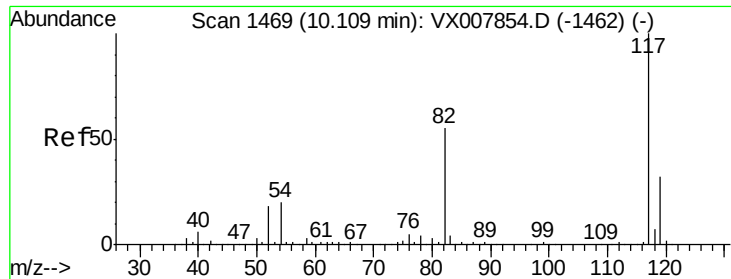


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

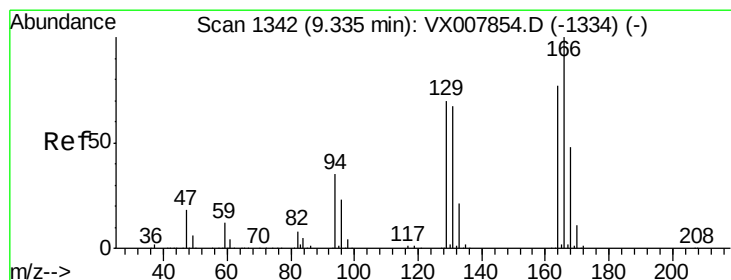
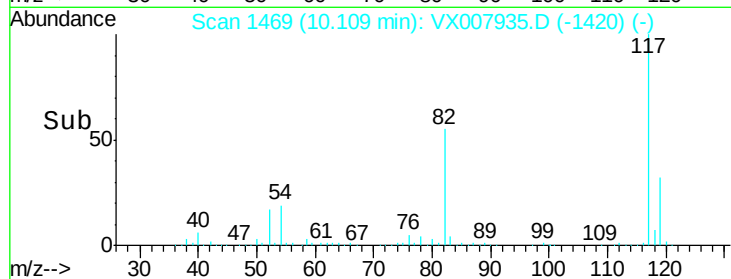
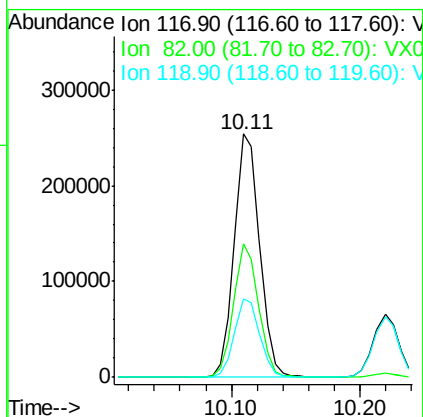
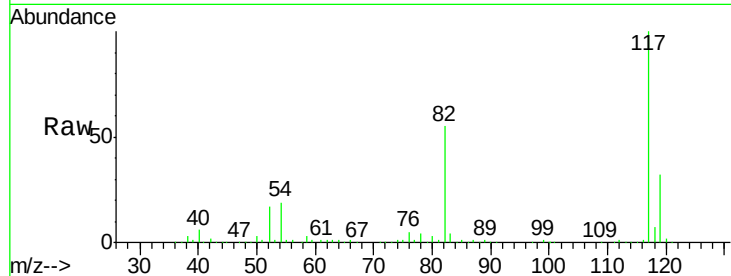




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

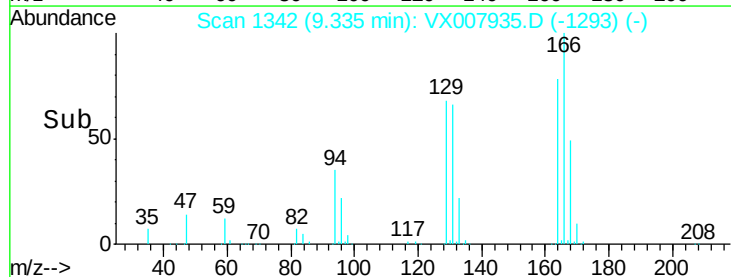
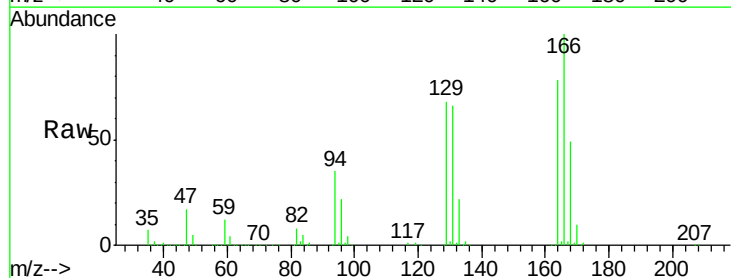
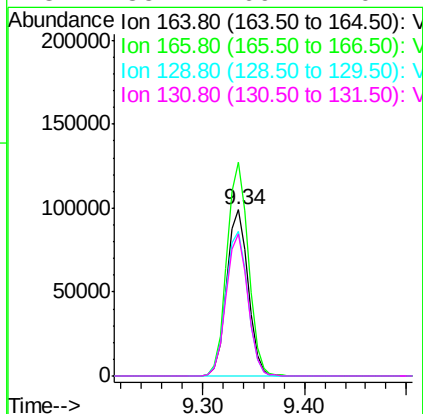
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

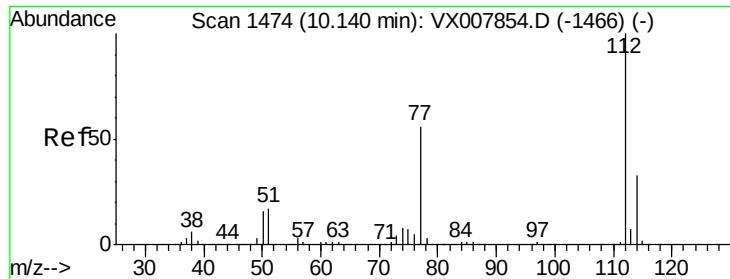
Tot Ion:117 Resp: 350966
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 49.178 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion:164 Resp: 143032
Ion Ratio Lower Upper
164 100
166 128.8 103.4 155.0
129 87.2 72.2 108.4
131 85.4 69.4 104.2





#65

Chlorobenzene

Concen: 49.038 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

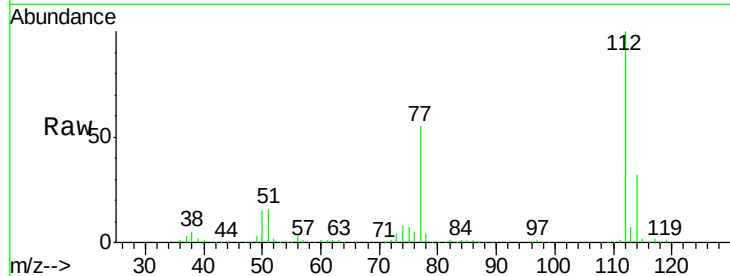
VSTDCCC050

Tot Ion:112 Resp: 360148

Ion Ratio Lower Upper

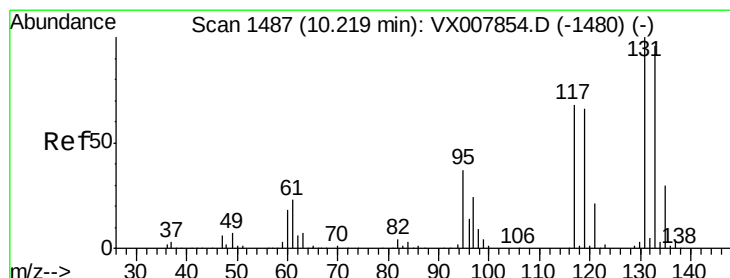
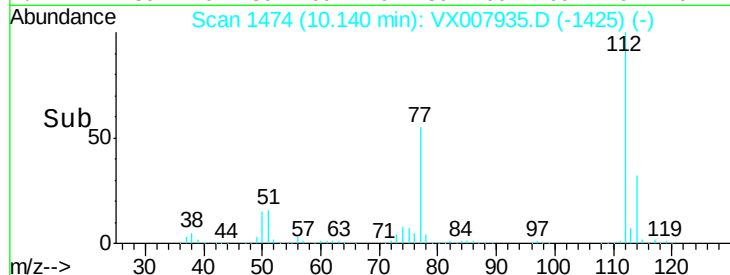
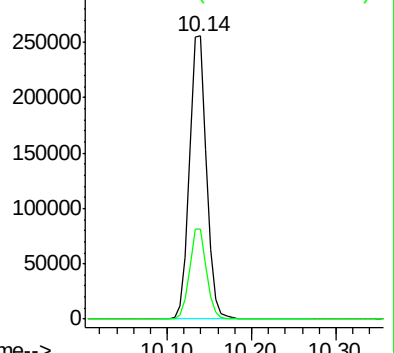
112 100

114 31.8 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.253 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

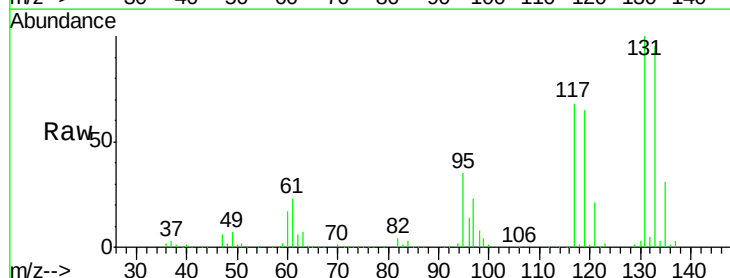
Tgt Ion:131 Resp: 129641

Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

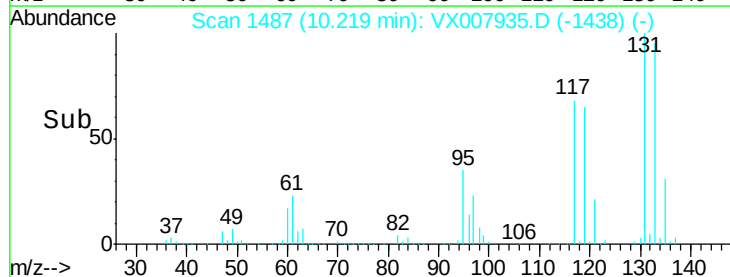
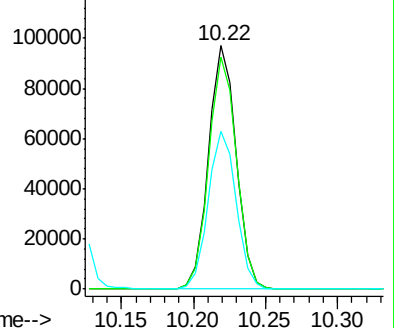
119 65.5 32.5 97.5

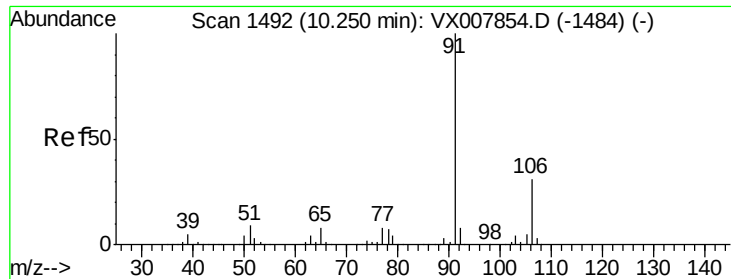


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.462 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

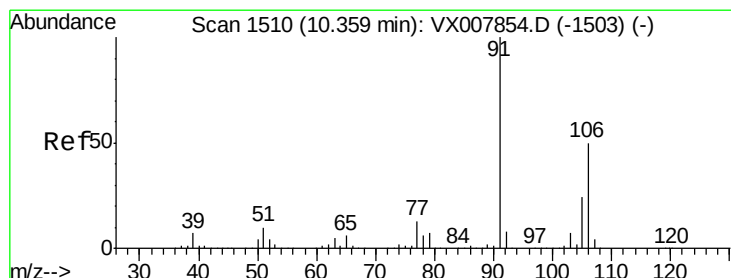
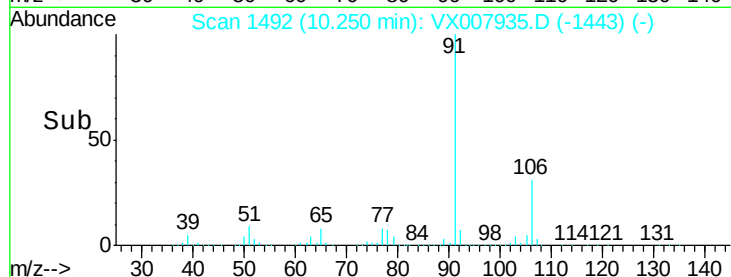
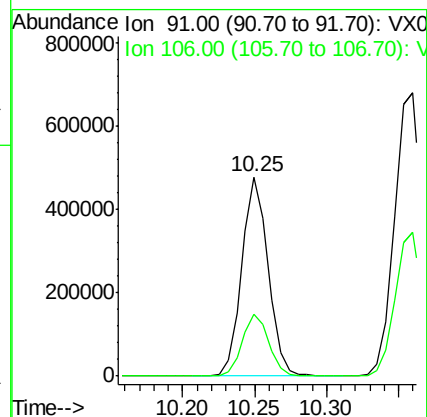
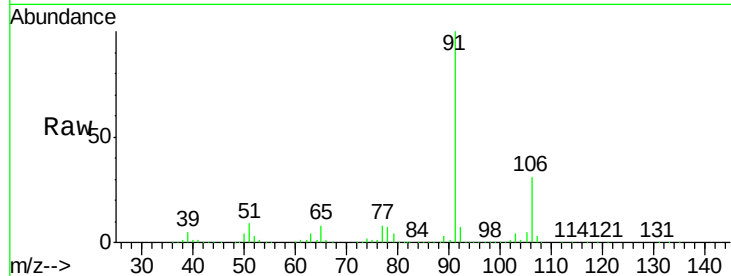
VSTDCCC050

Tot Ion: 91 Resp: 610057

Ion Ratio Lower Upper

91 100

106 31.0 25.2 37.8



#68

m/p-Xylenes

Concen: 101.155 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007935.D

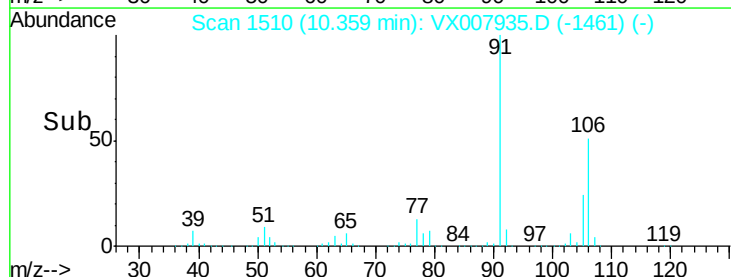
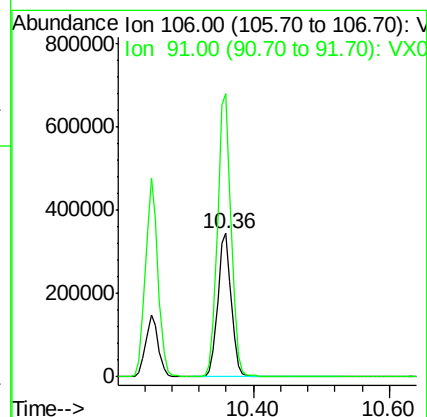
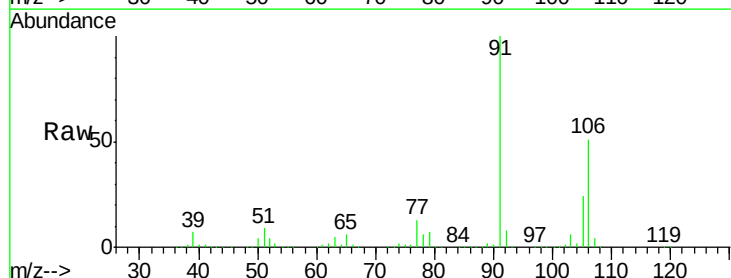
Acq: 08 Mar 2019 17:08

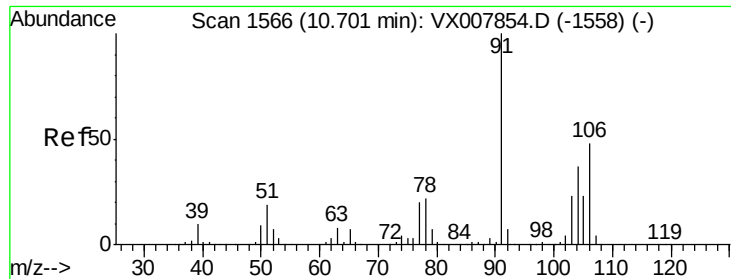
Tgt Ion: 106 Resp: 471365

Ion Ratio Lower Upper

106 100

91 200.7 159.8 239.6

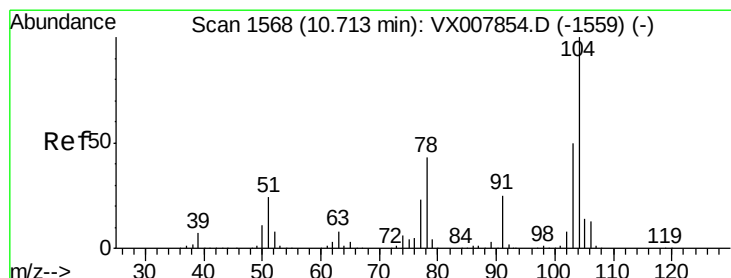
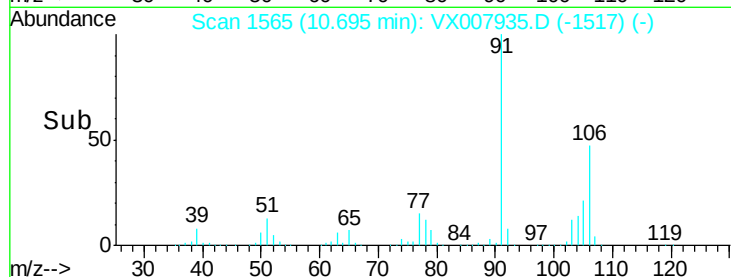
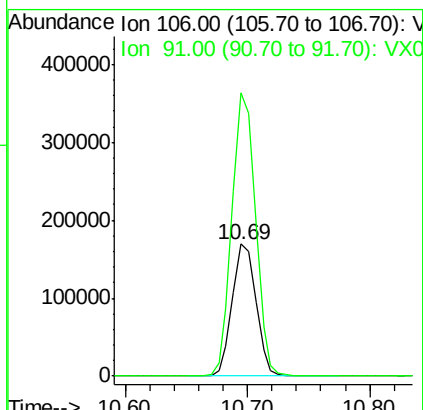
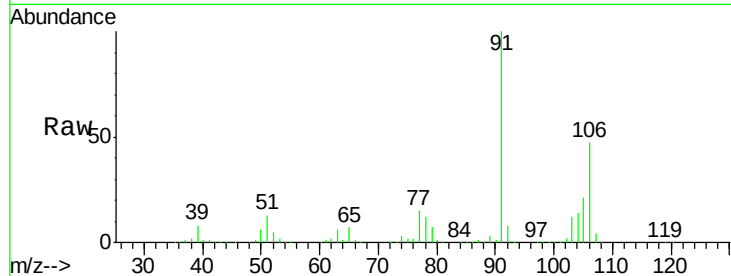




#69
o-Xylene
Concen: 50.712 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

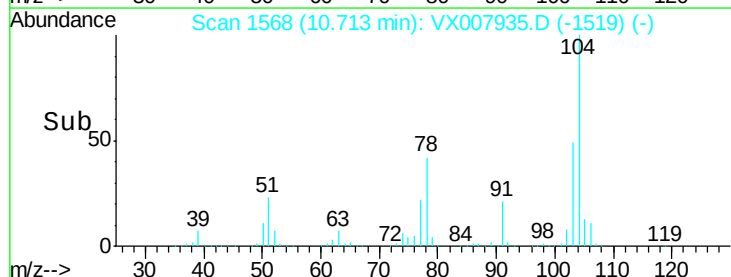
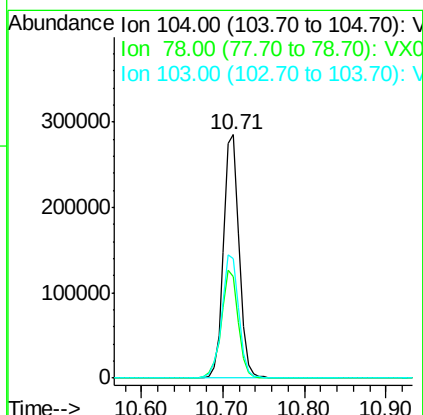
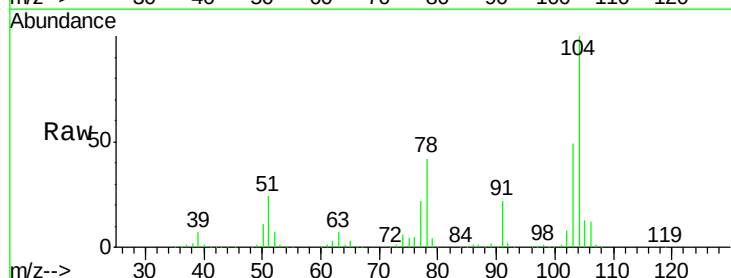
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

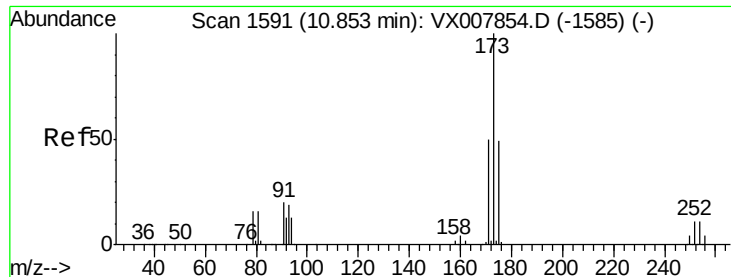
Tot Ion:106 Resp: 228145
Ion Ratio Lower Upper
106 100
91 212.0 106.3 318.9



#70
Styrene
Concen: 51.430 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion:104 Resp: 378617
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.1 44.1 66.1





#71

Bromoform

Concen: 48.201 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

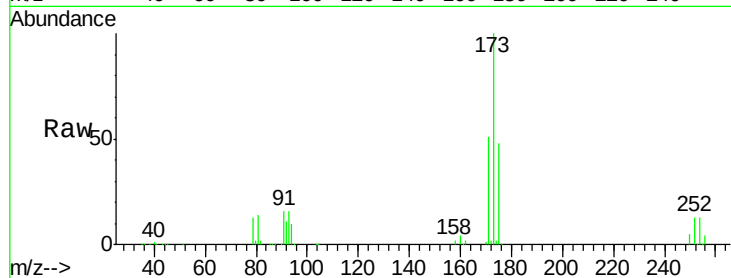
Tot Ion:173 Resp: 108956

Ion Ratio Lower Upper

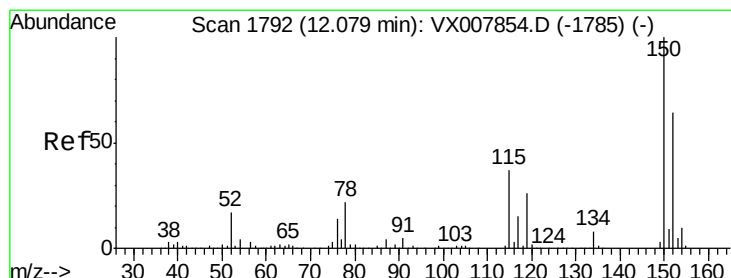
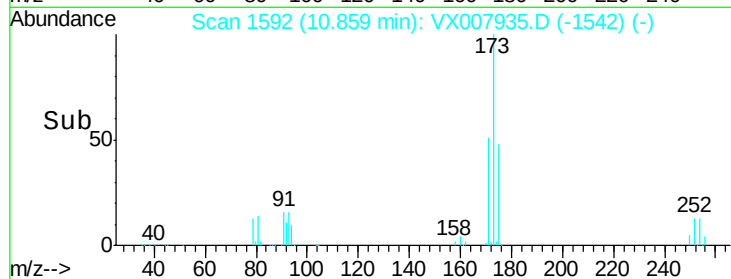
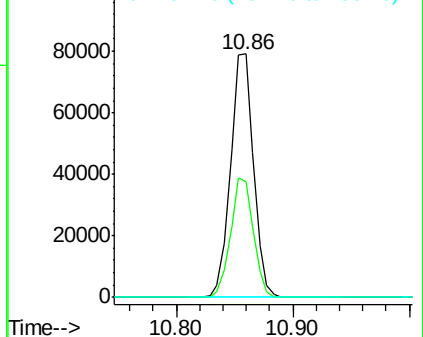
173 100

175 48.5 24.3 72.9

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

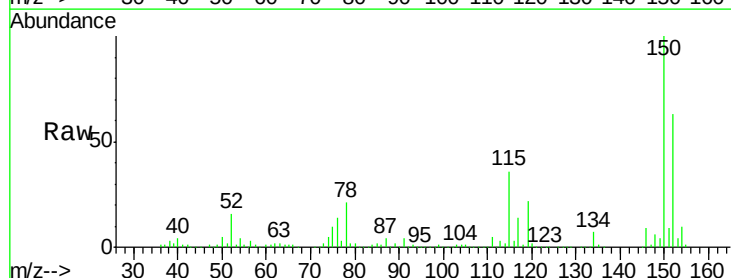
Tgt Ion:152 Resp: 177594

Ion Ratio Lower Upper

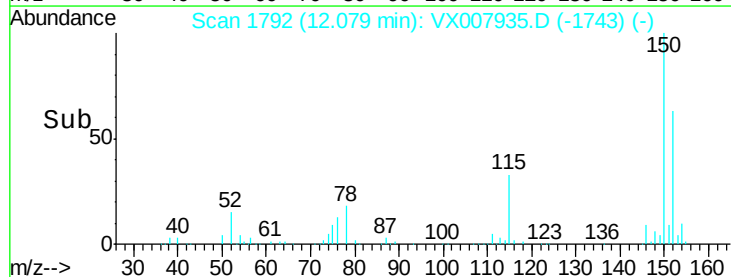
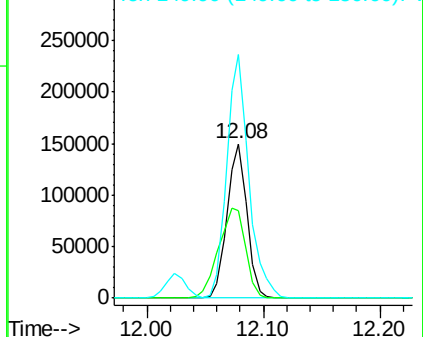
152 100

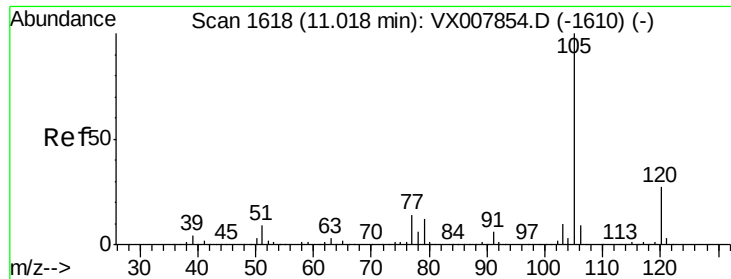
115 77.6 38.6 115.7

150 174.2 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.351 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampled :

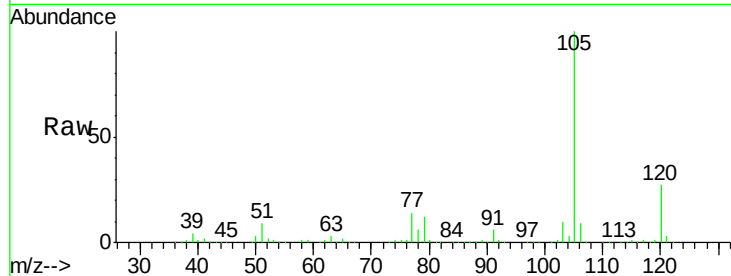
VSTDCCC050

Tot Ion:105 Resp: 616774

Ion Ratio Lower Upper

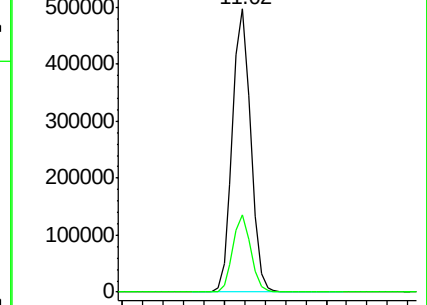
105 100

120 26.7 13.4 40.1

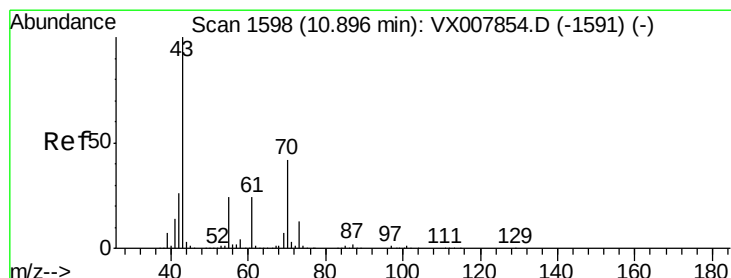
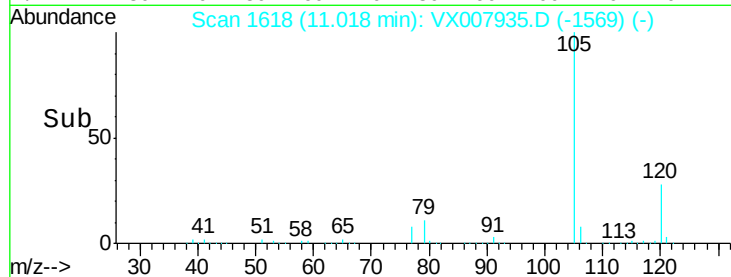


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.897 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Tgt Ion: 43 Resp: 262632

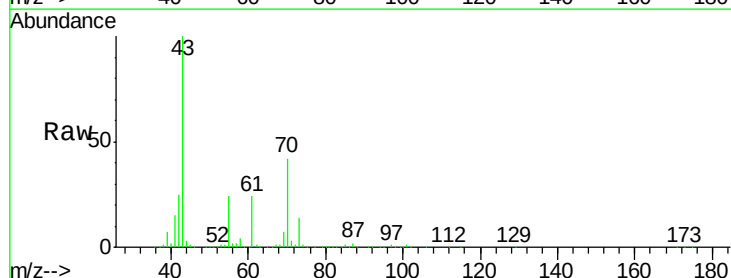
Ion Ratio Lower Upper

43 100

70 42.4 33.5 50.3

55 24.4 19.2 28.8

61 24.3 19.0 28.6

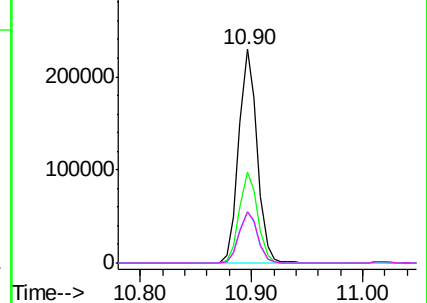


Abundance Ion 43.00 (42.70 to 43.70): VX0

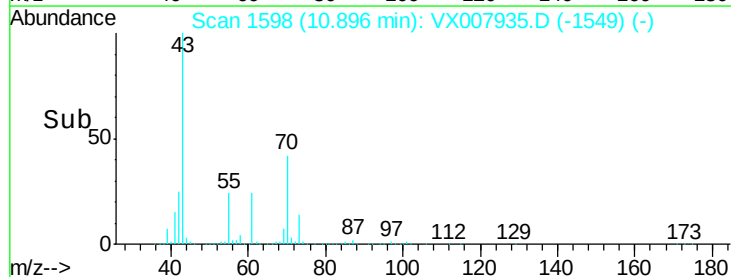
Ion 70.00 (69.70 to 70.70): VX0

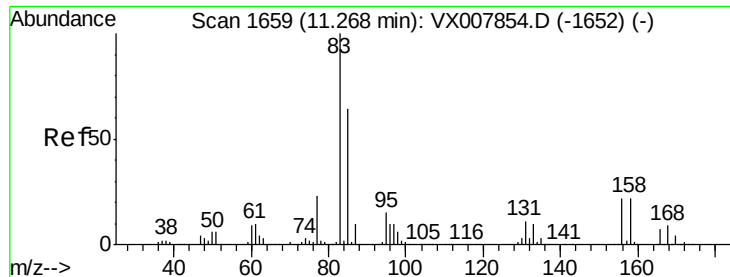
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.181 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

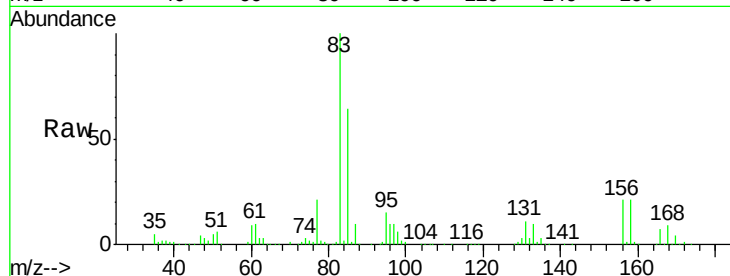
Tot Ion: 83 Resp: 191328

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

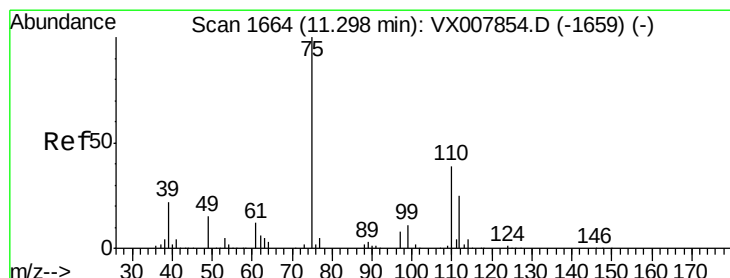
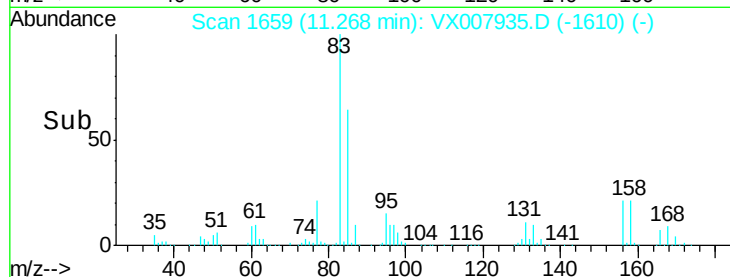
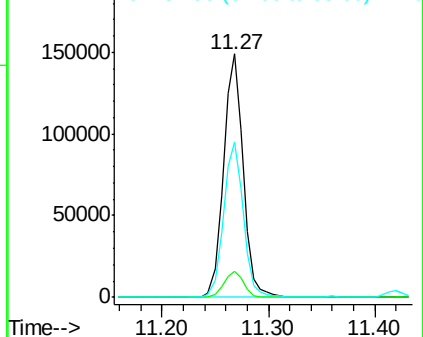
85 64.1 32.3 96.8



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: 59.990 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007935.D

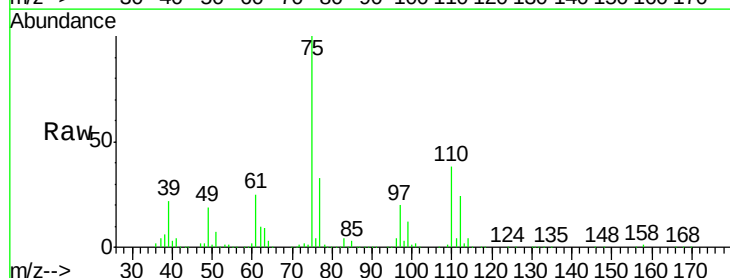
Acq: 08 Mar 2019 17:08

Tgt Ion: 75 Resp: 223564

Ion Ratio Lower Upper

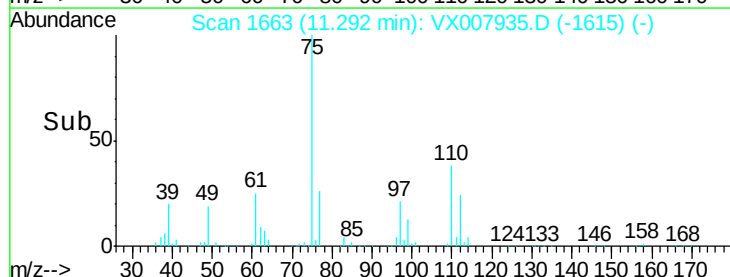
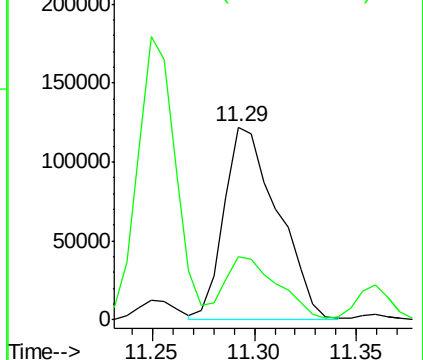
75 100

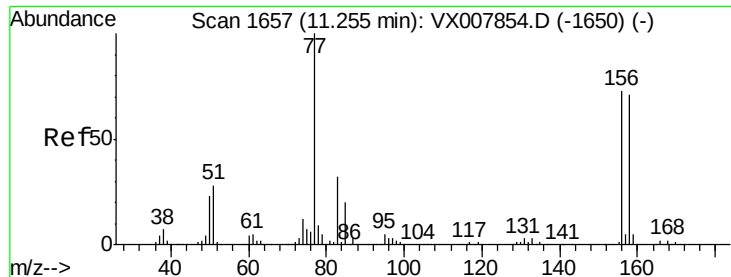
77 32.7 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.838 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

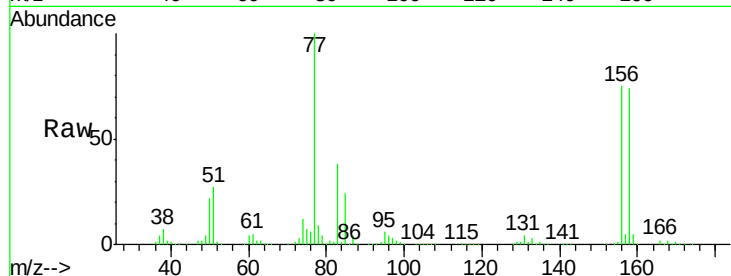
Tot Ion:156 Resp: 160823

Ion Ratio Lower Upper

156 100

77 142.9 72.0 215.9

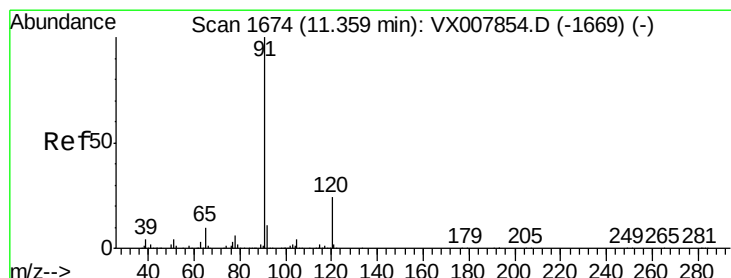
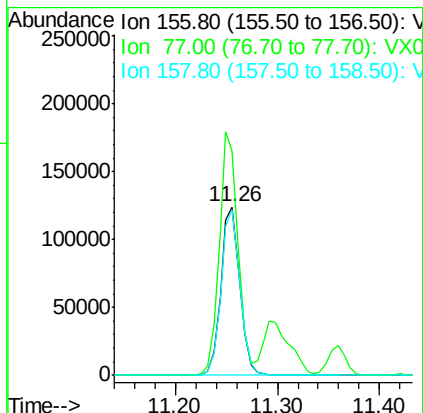
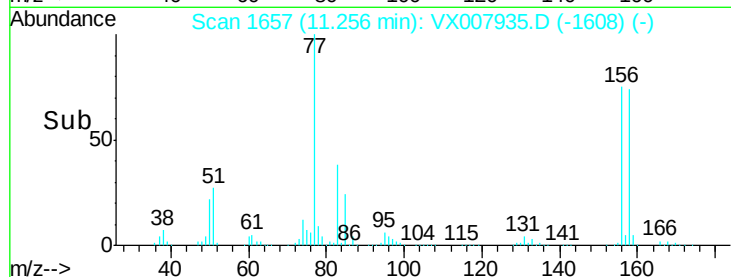
158 97.9 48.6 145.9



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: 51.795 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007935.D

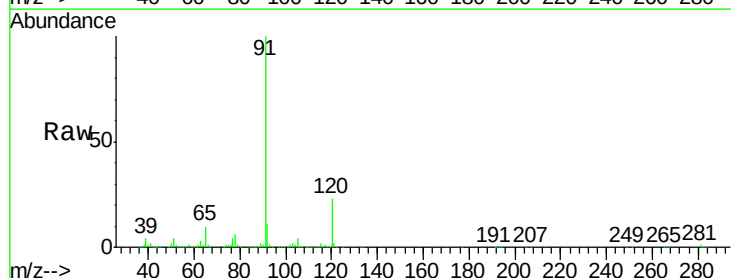
Acq: 08 Mar 2019 17:08

Tgt Ion: 91 Resp: 690154

Ion Ratio Lower Upper

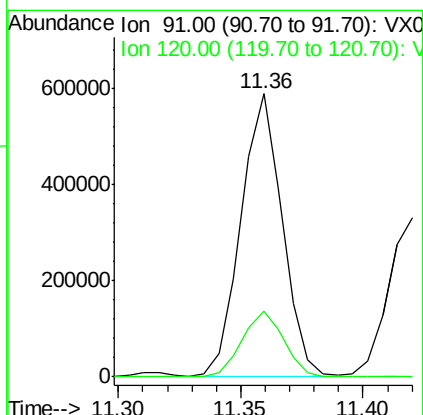
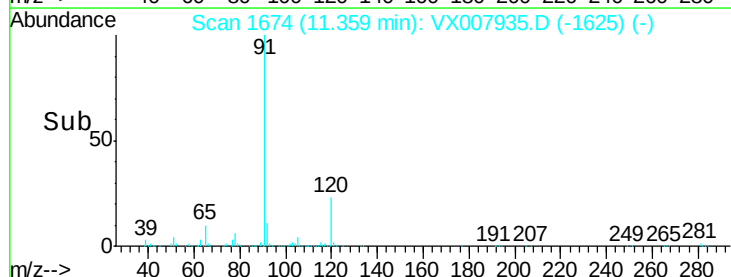
91 100

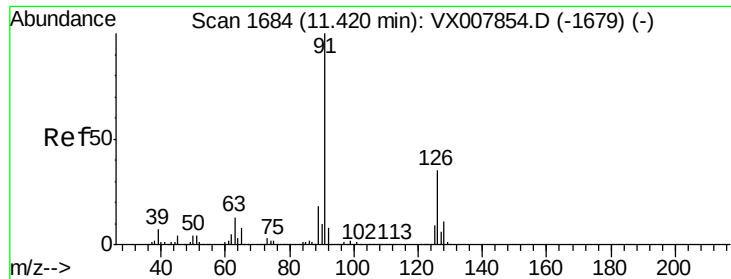
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.052 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

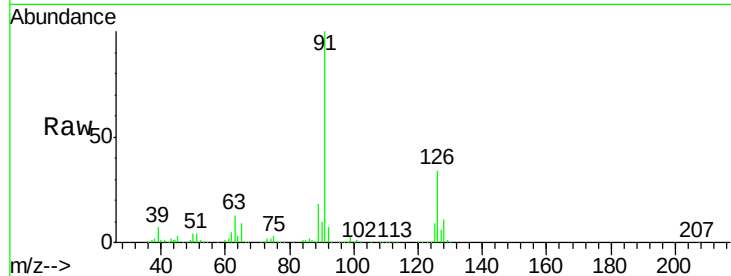
VSTDCCC050

Tot Ion: 91 Resp: 407778

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

600000

400000

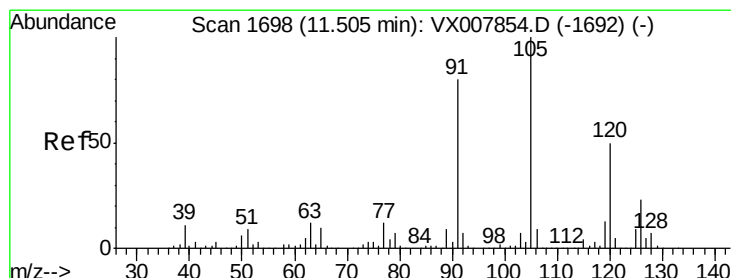
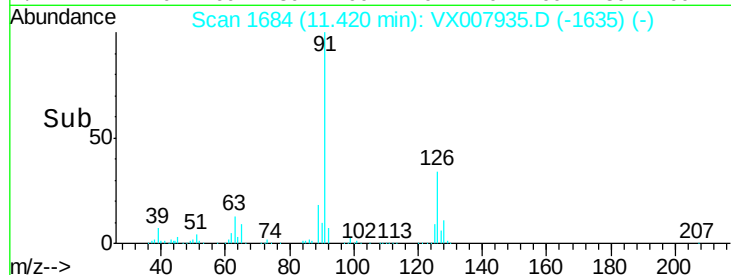
200000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.998 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007935.D

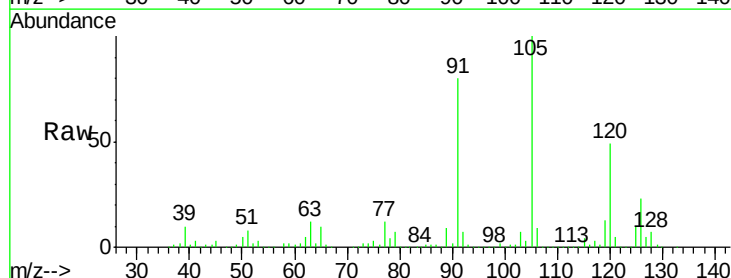
Acq: 08 Mar 2019 17:08

Tgt Ion: 105 Resp: 514037

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

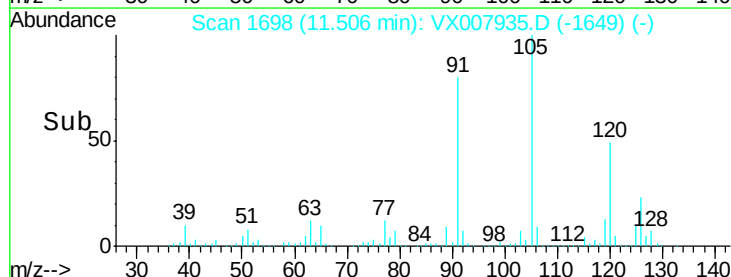
100000

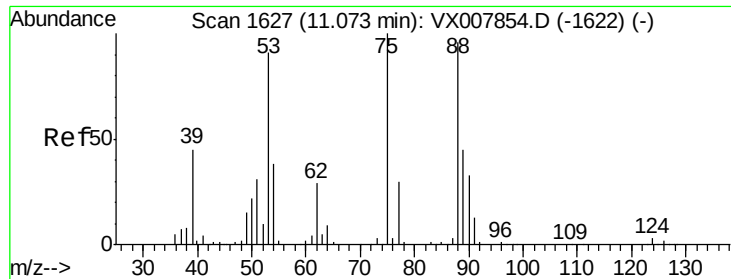
0

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.674 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

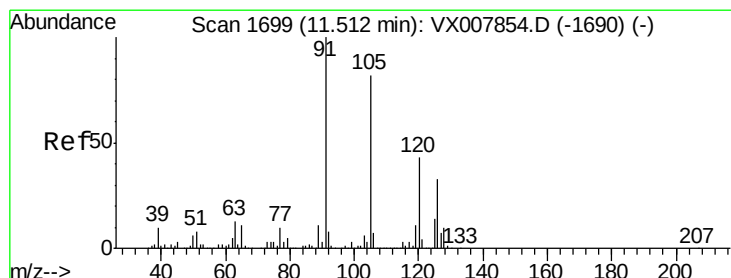
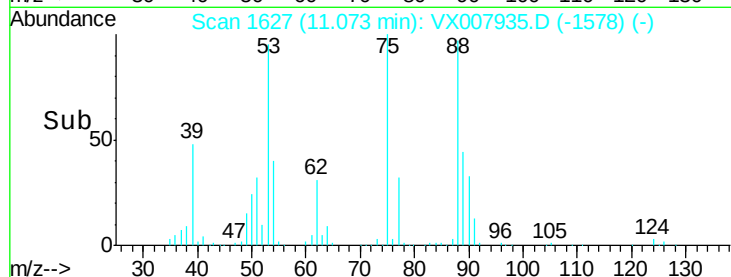
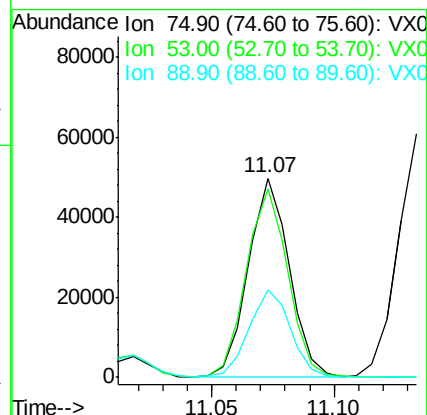
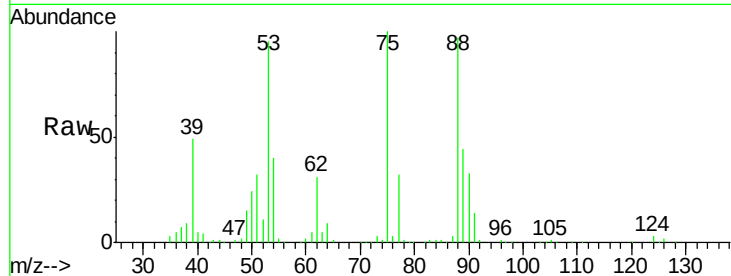
Tot Ion: 75 Resp: 57913

Ion Ratio Lower Upper

75 100

53 97.1 76.1 114.1

89 44.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 50.305 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007935.D

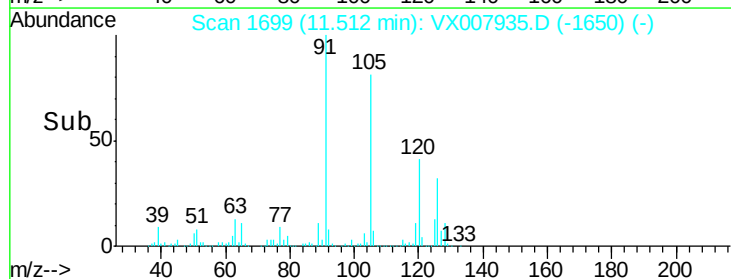
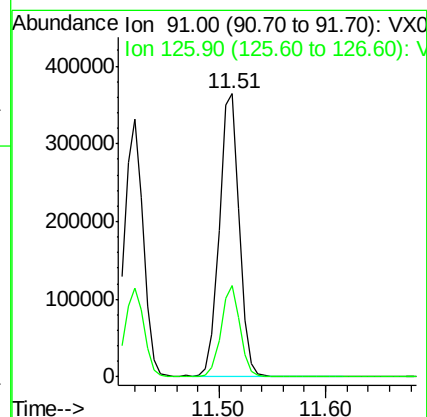
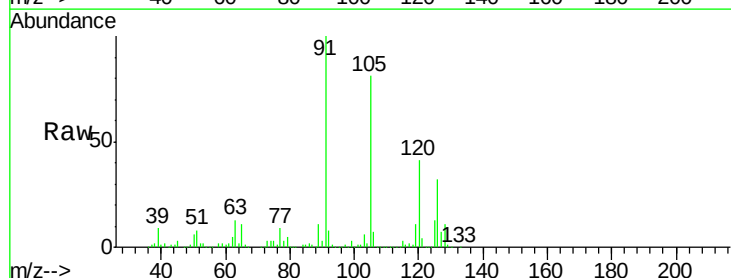
Acq: 08 Mar 2019 17:08

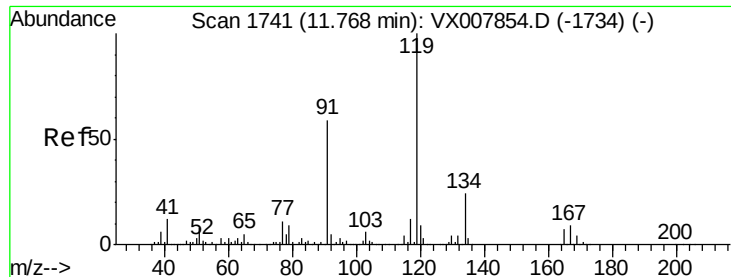
Tgt Ion: 91 Resp: 469675

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

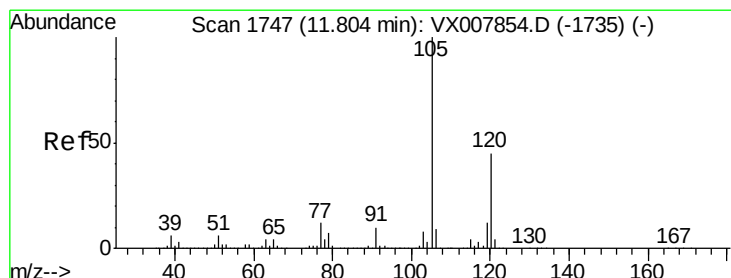
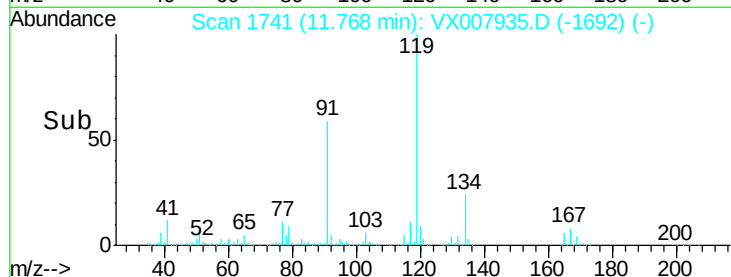
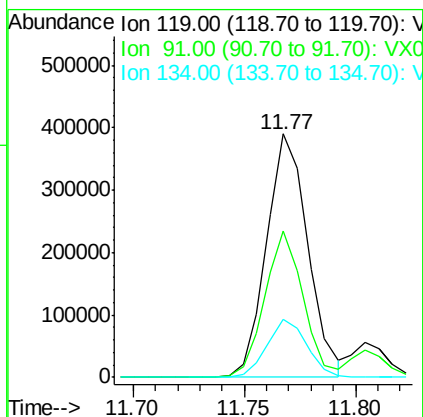
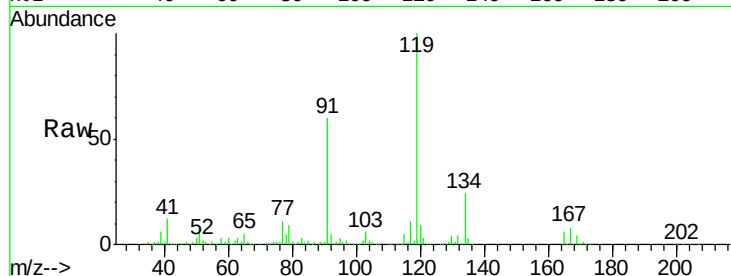




#83
 tert-Butylbenzene
 Concen: 50.543 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

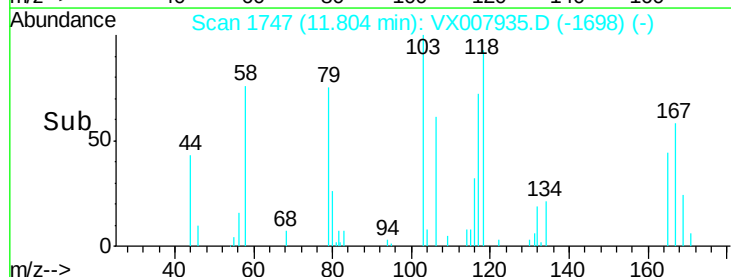
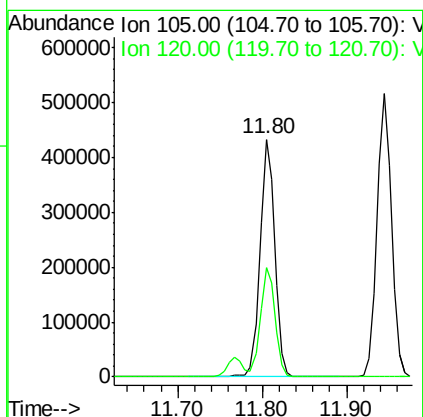
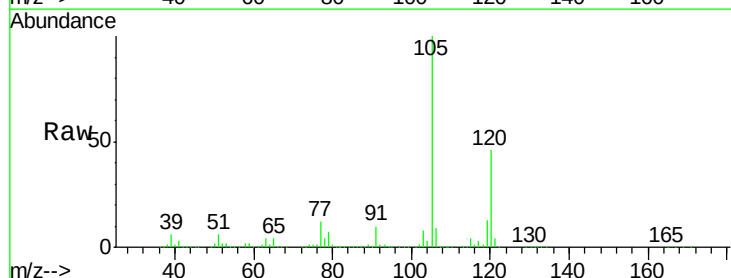
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

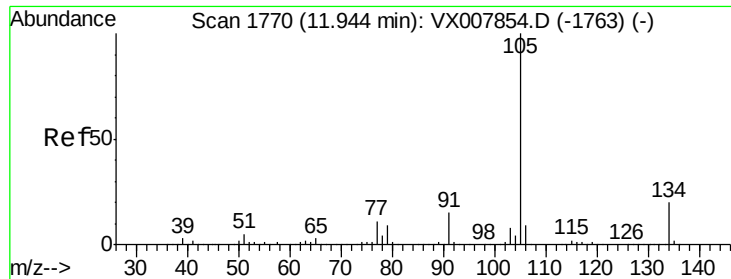
Tot Ion:119 Resp: 503297
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.1 81.3
 134 23.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.233 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion:105 Resp: 519197
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.750 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

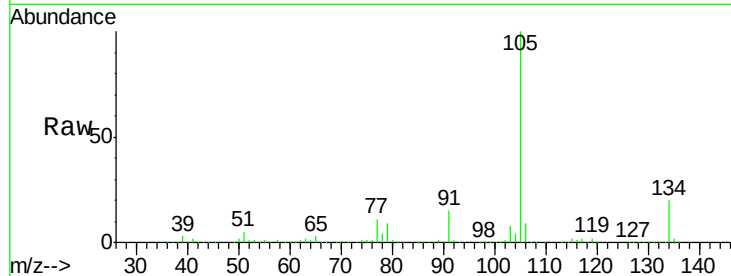
VSTDCCC050

Tot Ion:105 Resp: 618639

Ion Ratio Lower Upper

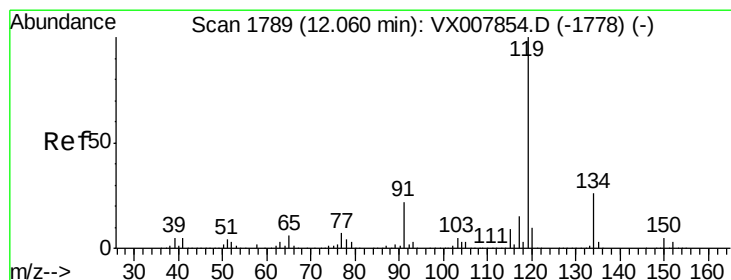
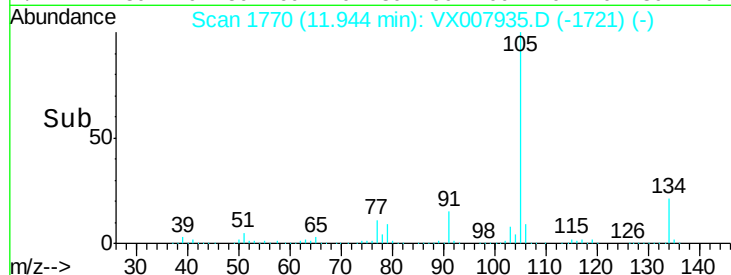
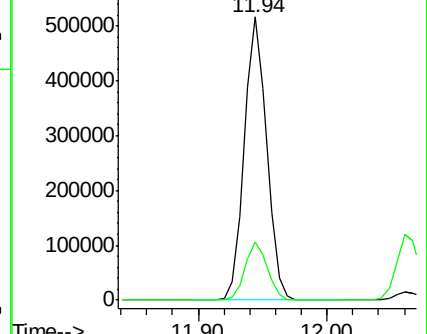
105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.861 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007935.D

Acq: 08 Mar 2019 17:08

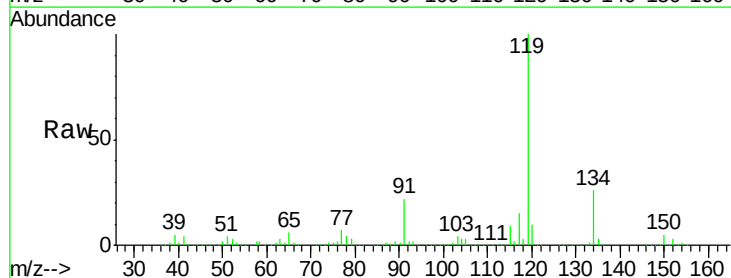
Tgt Ion:119 Resp: 555204

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

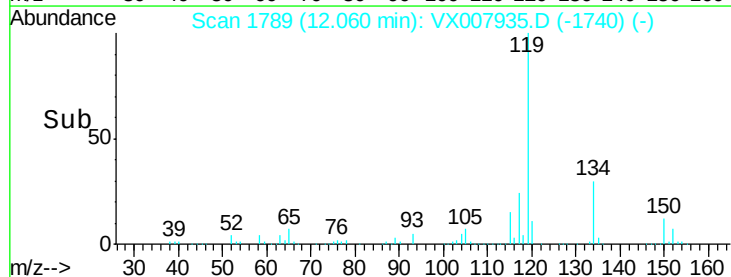
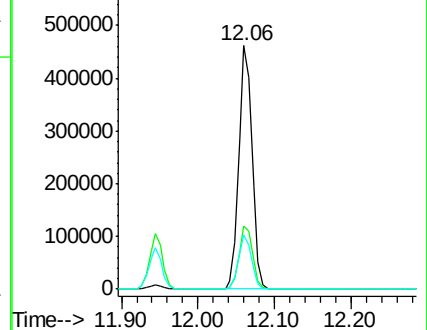
91 21.8 10.9 32.7

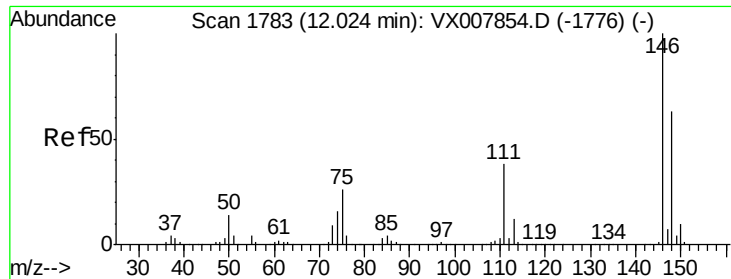


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

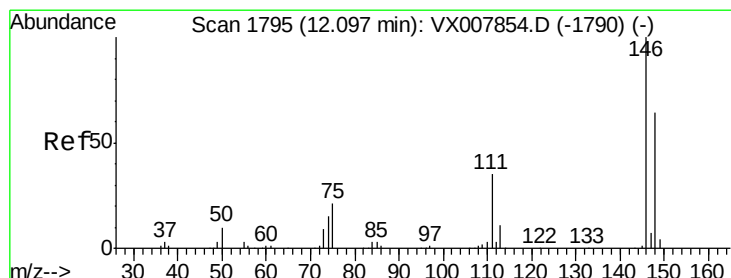
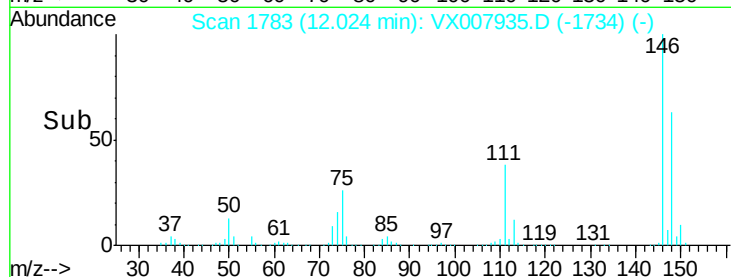
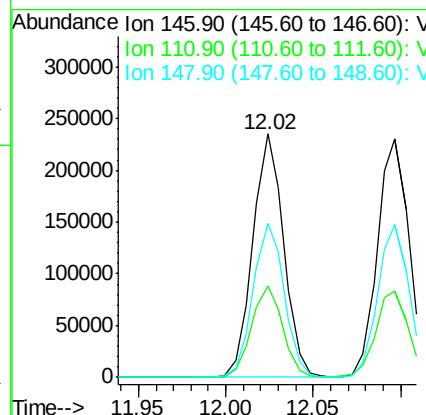
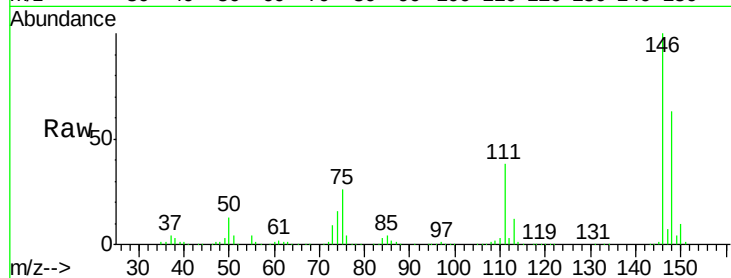




#87
 1,3-Dichlorobenzene
 Concen: 49.474 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

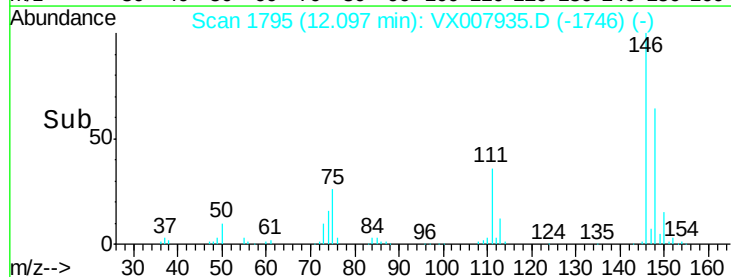
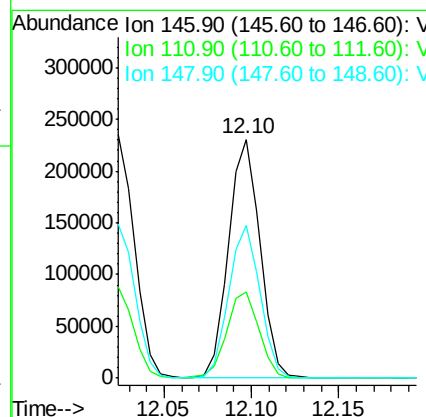
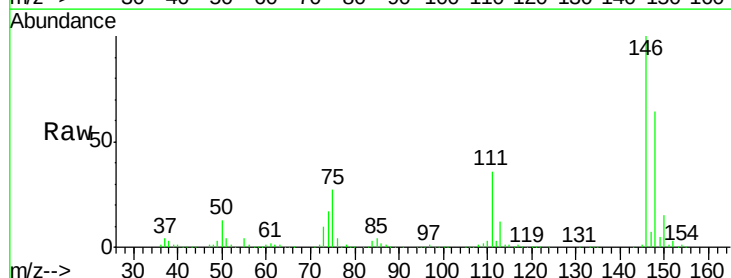
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

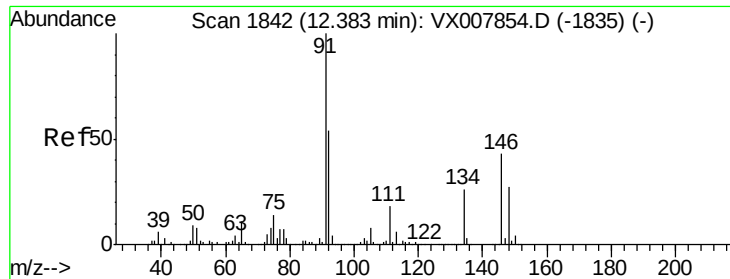
Tot Ion:146 Resp: 288225
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.276 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion:146 Resp: 288018
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.4 55.0
 148 64.0 32.2 96.6

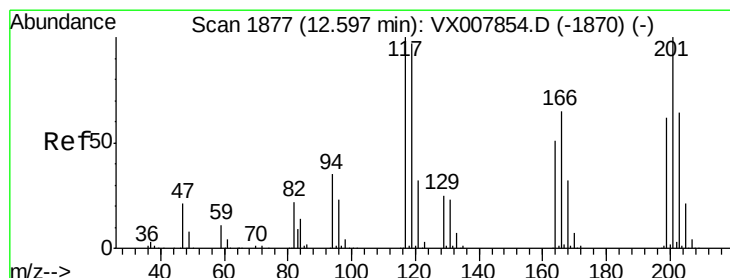
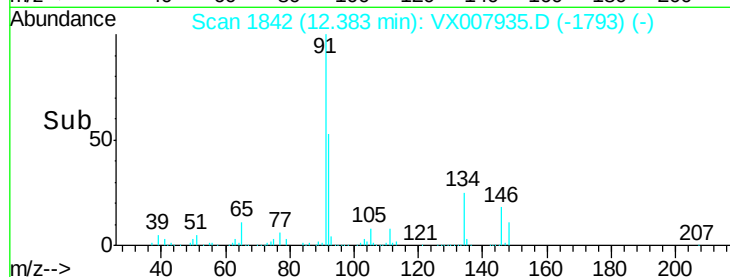
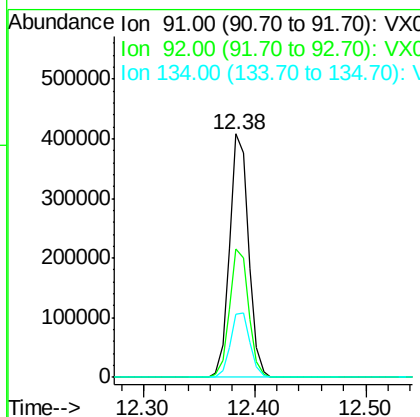
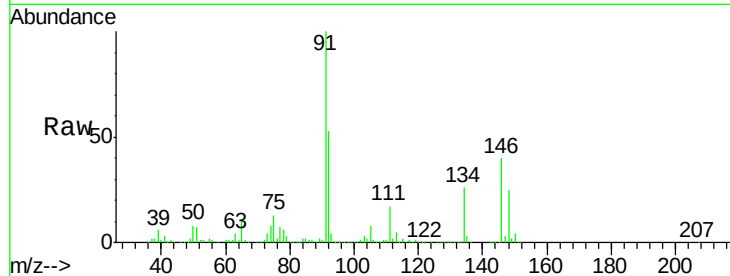




#89
n-Butylbenzene
Concen: 53.843 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

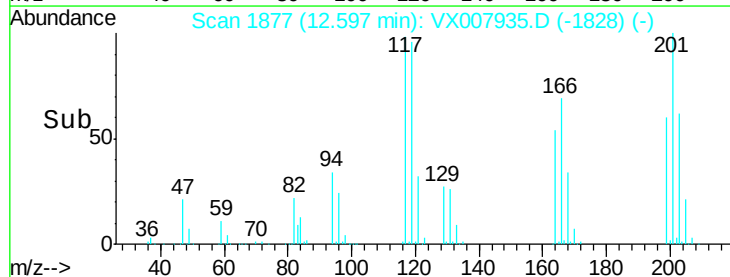
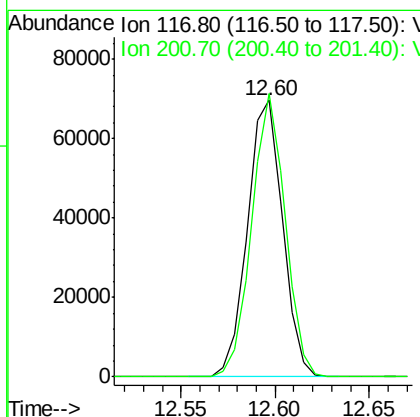
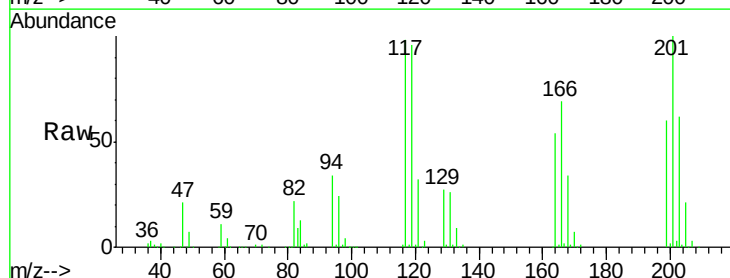
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

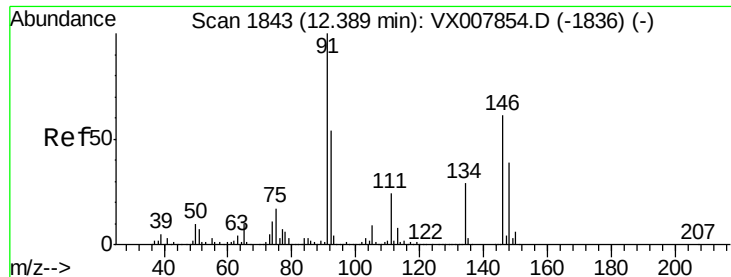
Tot Ion: 91 Resp: 479111
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 51.206 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion: 117 Resp: 89921
Ion Ratio Lower Upper
117 100
201 97.6 48.9 146.7

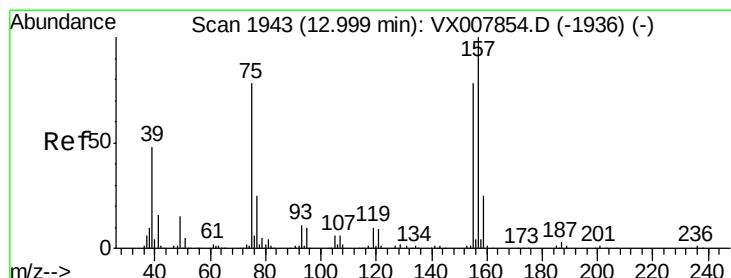
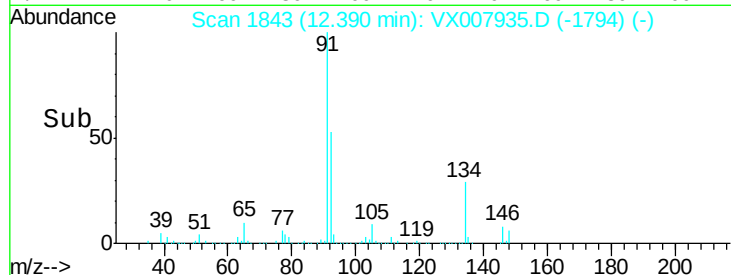
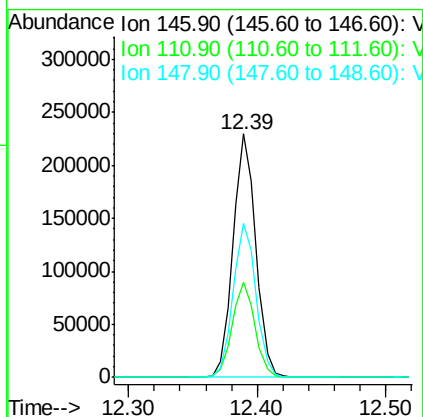
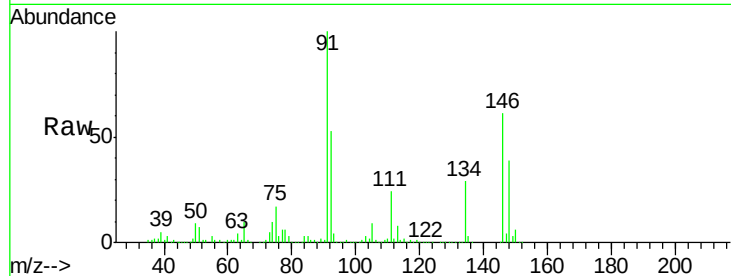




#91
 1,2-Dichlorobenzene
 Concen: 48.897 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

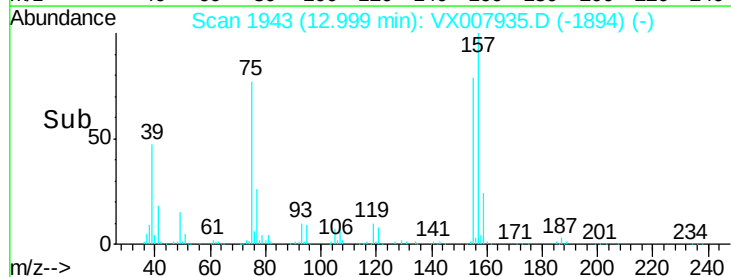
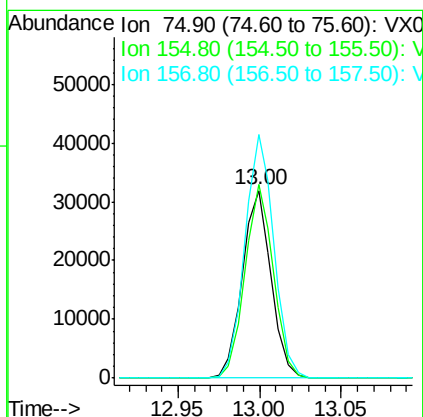
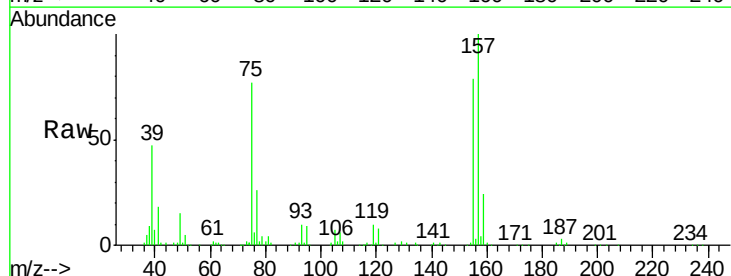
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

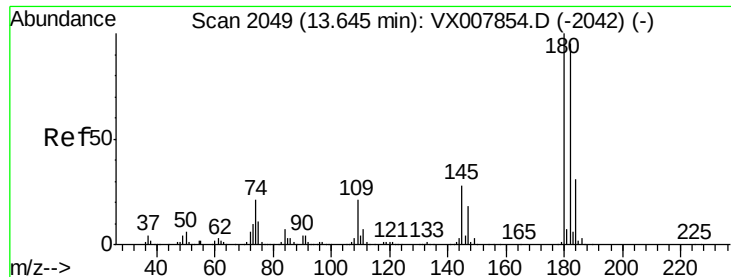
Tot Ion:146 Resp: 282989
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.291 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion: 75 Resp: 39216
 Ion Ratio Lower Upper
 75 100
 155 101.7 49.7 149.1
 157 130.8 63.8 191.4

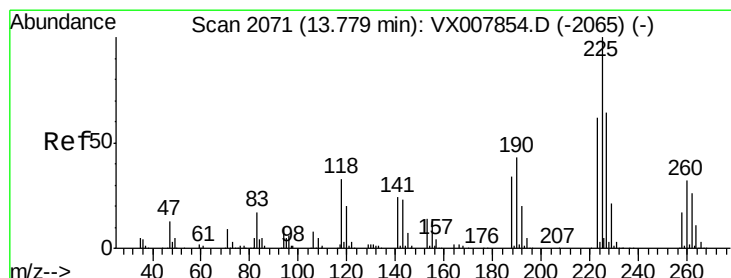
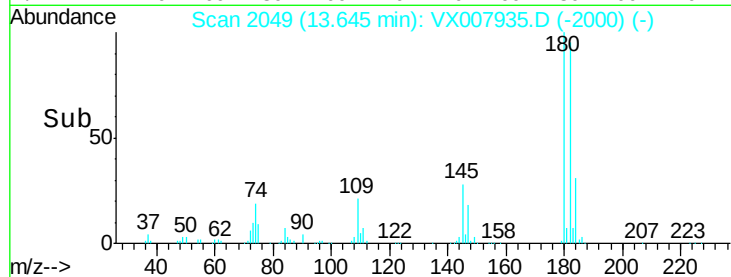
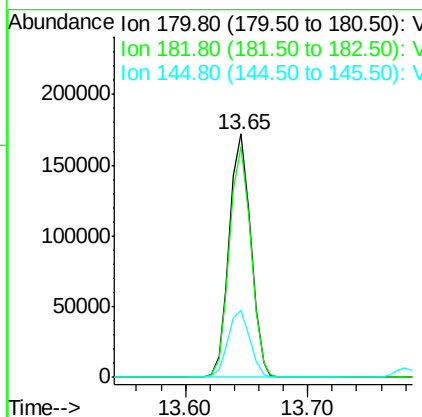
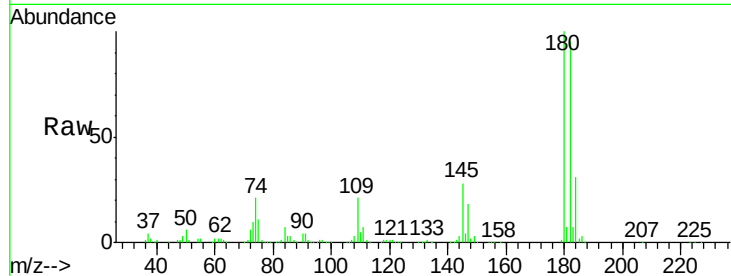




#93
 1,2,4-Trichlorobenzene
 Concen: 51.408 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

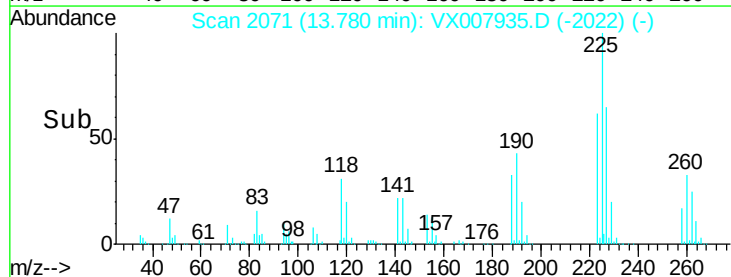
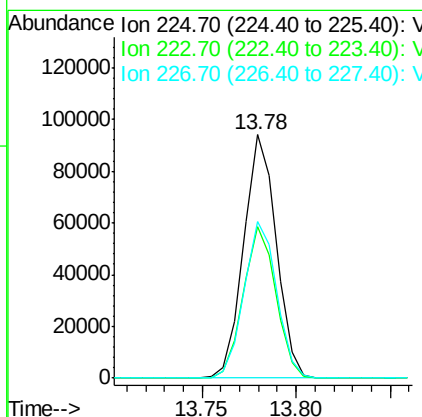
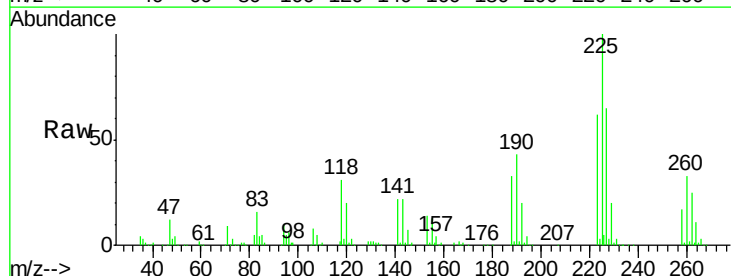
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

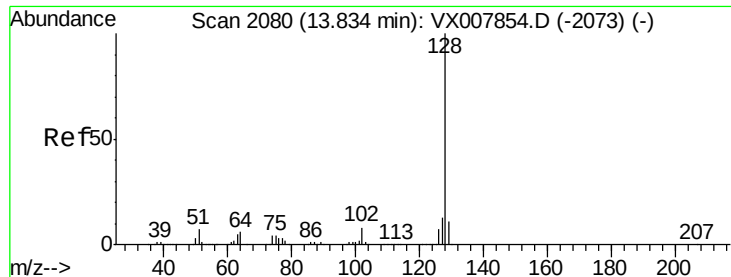
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.7
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 53.162 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007935.D
 Acq: 08 Mar 2019 17:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.2
227	64.3	32.0	96.0

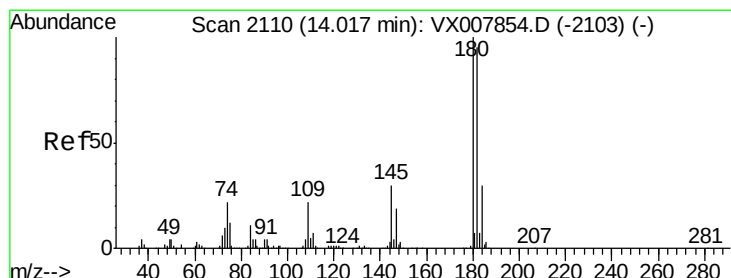
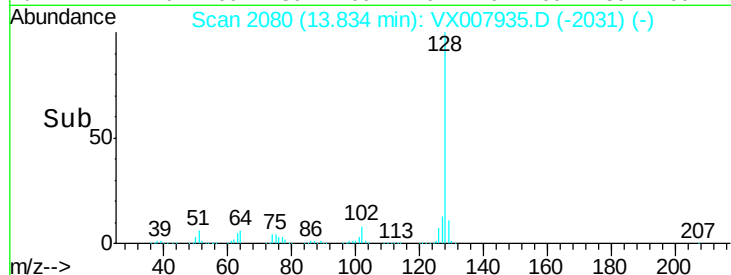
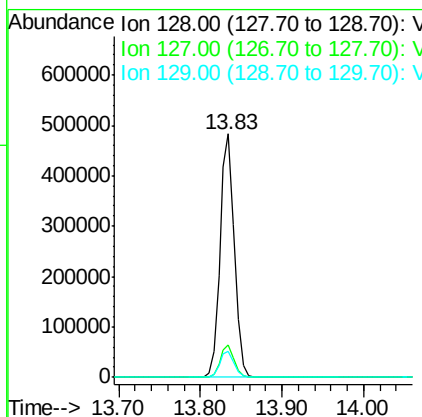
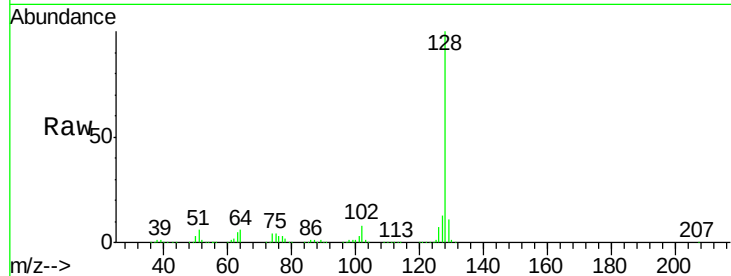




#95
Naphthalene
Concen: 50.437 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 590845
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.595 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007935.D
Acq: 08 Mar 2019 17:08

Tgt Ion:180 Resp: 204915
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 30.4 14.8 44.3

