

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082419\
 Data File : VX011814.D
 Acq On : 24 Aug 2019 13:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 04:06:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	413193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	586789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	530889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	192404	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.49	113	173206	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
50) Toluene-d8	8.71	98	596272	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
62) 4-Bromofluorobenzene	11.13	95	225244	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	168022	43.571	ug/l	100
3) Chloromethane	1.32	50	162497	48.050	ug/l	97
4) Vinyl Chloride	1.40	62	160669	47.525	ug/l	99
5) Bromomethane	1.63	94	82531	44.314	ug/l	98
6) Chloroethane	1.71	64	95739	48.436	ug/l	99
7) Trichlorofluoromethane	1.92	101	221191	41.096	ug/l	99
8) Diethyl Ether	2.18	74	92232	50.395	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125718	37.746	ug/l	96
10) Methyl Iodide	2.50	142	197276	48.493	ug/l	98
11) Tert butyl alcohol	3.03	59	186962	227.944	ug/l	100
12) 1,1-Dichloroethene	2.37	96	144825	44.594	ug/l	99
13) Acrolein	2.28	56	84131	265.349	ug/l	96
14) Allyl chloride	2.72	41	224242	44.177	ug/l	99
15) Acrylonitrile	3.13	53	446272	237.879	ug/l	99
16) Acetone	2.43	43	378153	209.432	ug/l	96
17) Carbon Disulfide	2.56	76	336940	41.034	ug/l	98
18) Methyl Acetate	2.76	43	248756	50.772	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	508924	48.852	ug/l	100
20) Methylene Chloride	2.85	84	167890	45.480	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	156138	44.573	ug/l	97
22) Diisopropyl ether	3.84	45	492027	49.987	ug/l	94
23) Vinyl Acetate	3.81	43	1922315	235.877	ug/l	99
24) 1,1-Dichloroethane	3.68	63	272919	46.961	ug/l	100
25) 2-Butanone	4.66	43	608760	234.888	ug/l	100
26) 2,2-Dichloropropane	4.57	77	110828	22.456	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	183626	45.711	ug/l	93
28) Bromochloromethane	5.01	49	127867	48.469	ug/l	95
29) Tetrahydrofuran	5.12	42	403345	242.782	ug/l	100
30) Chloroform	5.20	83	290996	46.152	ug/l	100
31) Cyclohexane	5.57	56	196369	38.474	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	249429	45.509	ug/l	99
36) 1,1-Dichloropropene	5.79	75	190835	41.473	ug/l	97
37) Ethyl Acetate	4.82	43	229416	47.113	ug/l	99
38) Carbon Tetrachloride	5.77	117	211652	40.587	ug/l	98

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 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195311	34.252	ug/l	99
40) Benzene	6.13	78	630204	44.273	ug/l	98
41) Methacrylonitrile	5.03	41	127644	45.072	ug/l	98
42) 1,2-Dichloroethane	6.18	62	229697	44.143	ug/l	98
43) Isopropyl Acetate	6.43	43	362703	46.020	ug/l	99
44) Trichloroethene	7.21	130	187043	42.627	ug/l	97
45) 1,2-Dichloropropane	7.51	63	160842	44.955	ug/l	100
46) Dibromomethane	7.65	93	116380	44.120	ug/l	98
47) Bromodichloromethane	7.89	83	214596	45.193	ug/l	98
48) Methyl methacrylate	7.76	41	184860	47.130	ug/l	98
49) 1,4-Dioxane	7.73	88	95462	878.415	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1187519	228.666	ug/l	99
52) Toluene	8.78	92	397169	43.117	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213171	42.764	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	232492	42.753	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	175727	45.790	ug/l	97
56) Ethyl methacrylate	9.17	69	263599	48.297	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279929	45.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	685904	238.904	ug/l	100
59) 2-Hexanone	9.49	43	907622	227.704	ug/l	100
60) Dibromochloromethane	9.58	129	197292	47.548	ug/l	99
61) 1,2-Dibromoethane	9.67	107	192783	46.816	ug/l	99
64) Tetrachloroethene	9.33	164	188207	44.437	ug/l	98
65) Chlorobenzene	10.13	112	457036	44.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	180258	46.418	ug/l	100
67) Ethyl Benzene	10.25	91	740224	42.736	ug/l	97
68) m/p-Xylenes	10.35	106	592590	88.730	ug/l	97
69) o-Xylene	10.69	106	292344	44.584	ug/l	97
70) Styrene	10.71	104	510473	46.537	ug/l	98
71) Bromoform	10.85	173	160673	47.961	ug/l #	97
73) Isopropylbenzene	11.01	105	739952	41.947	ug/l	100
74) N-amyl acetate	10.90	43	319042	46.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	257957	44.179	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	275117	53.563	ug/l	85
77) Bromobenzene	11.25	156	236530	45.482	ug/l	97
78) n-propylbenzene	11.35	91	802546	42.547	ug/l	100
79) 2-Chlorotoluene	11.41	91	500019	42.609	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	647561	43.997	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	63071	37.032	ug/l	99
82) 4-Chlorotoluene	11.51	91	586809	43.381	ug/l	99
83) tert-Butylbenzene	11.77	119	634436	43.690	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	661139	44.482	ug/l	99
85) sec-Butylbenzene	11.94	105	702007	42.262	ug/l	98
86) p-Isopropyltoluene	12.06	119	689564	43.145	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	401581	44.842	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	402386	44.410	ug/l	100
89) n-Butylbenzene	12.38	91	535353	40.464	ug/l	100
90) Hexachloroethane	12.59	117	108540	43.714	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	408159	45.187	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60581	44.635	ug/l	98

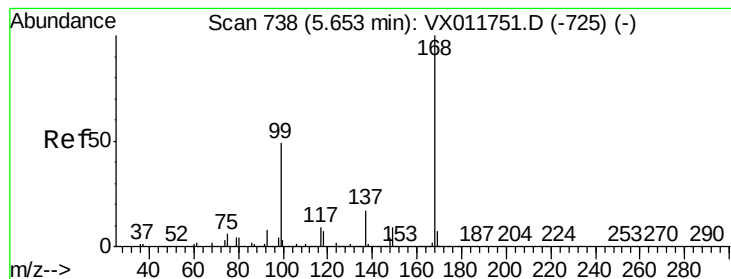
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	311095	46.822	ug/l	99
94) Hexachlorobutadiene	13.78	225	144031	39.560	ug/l	99
95) Naphthalene	13.83	128	941703	51.461	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	328441	49.232	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

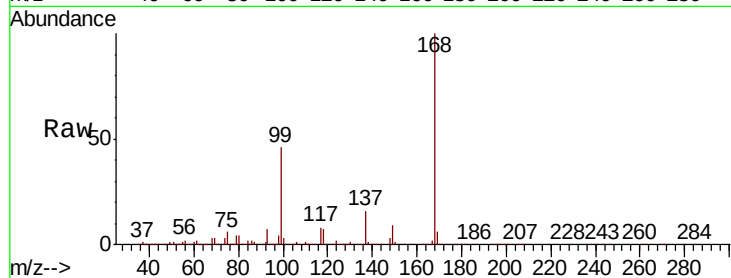
VSTDCCC050

Tgt Ion:168 Resp: 413193

Ion Ratio Lower Upper

168 100

99 46.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

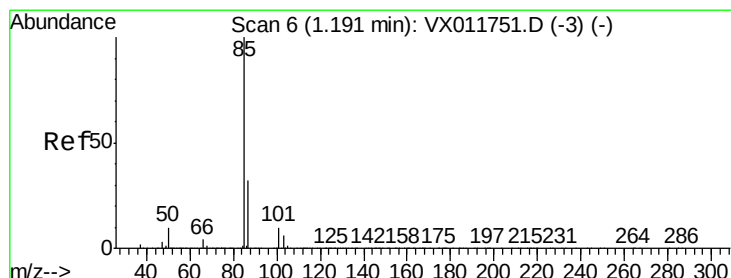
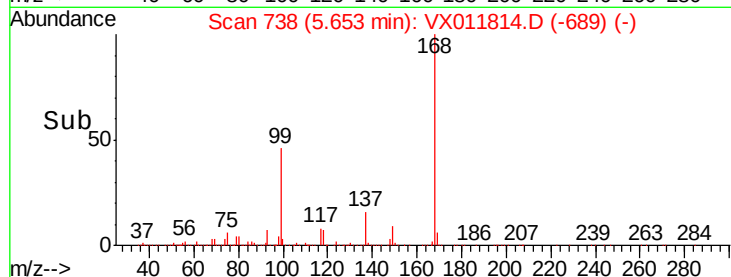
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.571 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011814.D

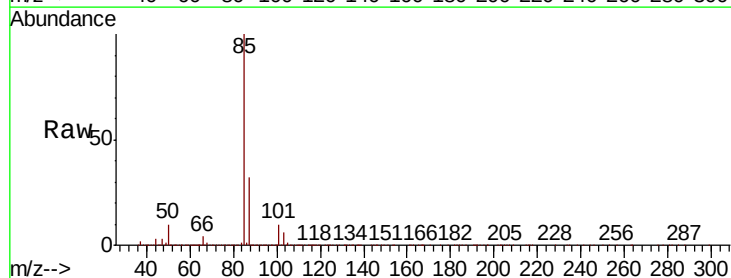
Acq: 24 Aug 2019 13:08

Tgt Ion: 85 Resp: 168022

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

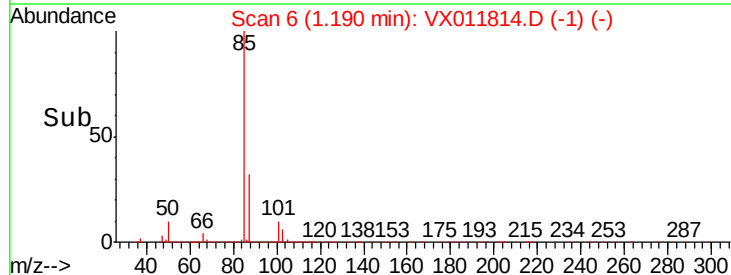
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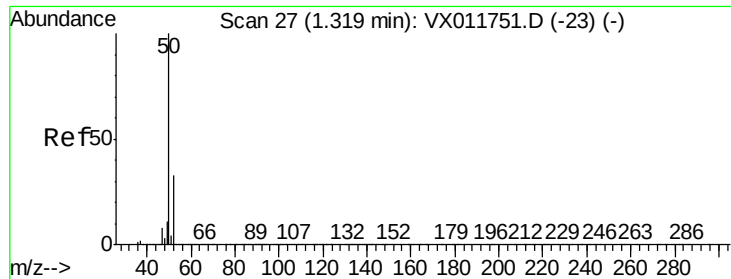
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.050 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

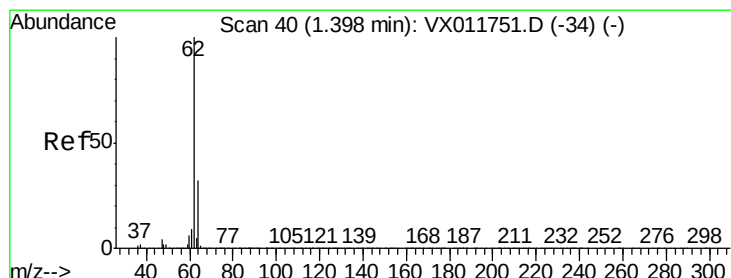
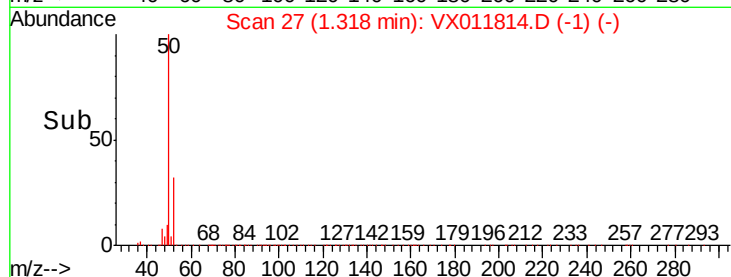
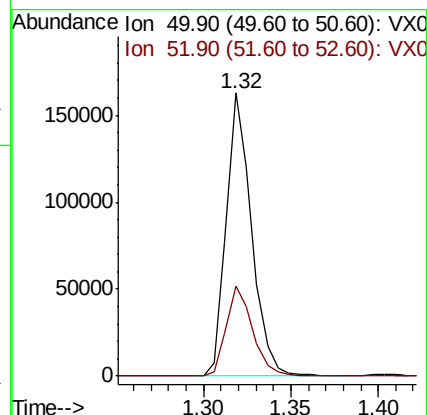
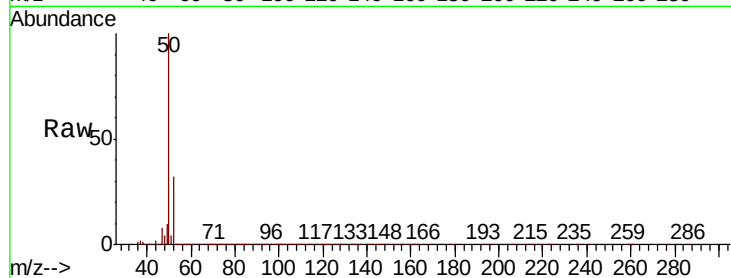
VSTDCCC050

Tgt Ion: 50 Resp: 162497

Ion Ratio Lower Upper

50 100

52 31.7 26.6 39.8



#4

Vinyl Chloride

Concen: 47.525 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011814.D

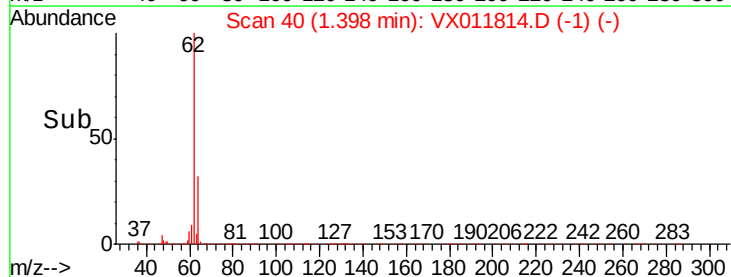
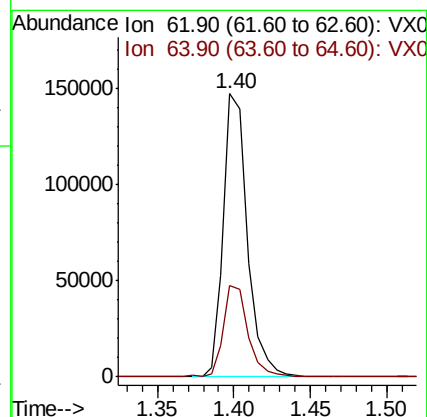
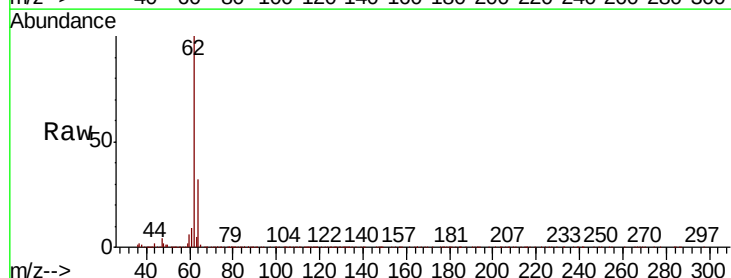
Acq: 24 Aug 2019 13:08

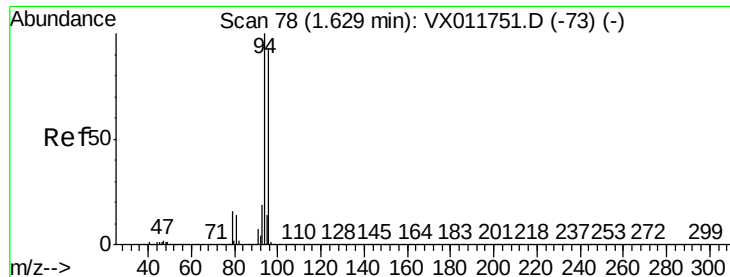
Tgt Ion: 62 Resp: 160669

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3





#5

Bromomethane

Concen: 44.314 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

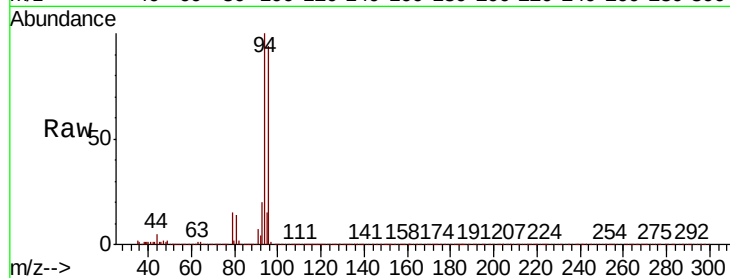
VSTDCCC050

Tgt Ion: 94 Resp: 82531

Ion Ratio Lower Upper

94 100

96 94.0 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

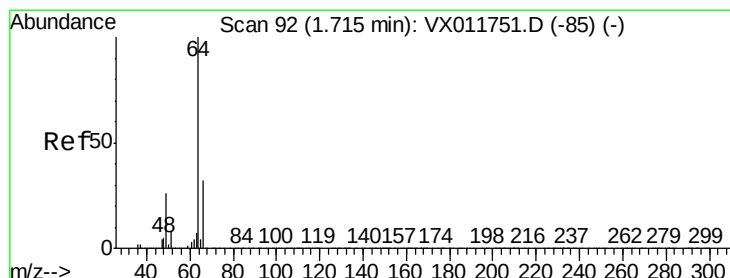
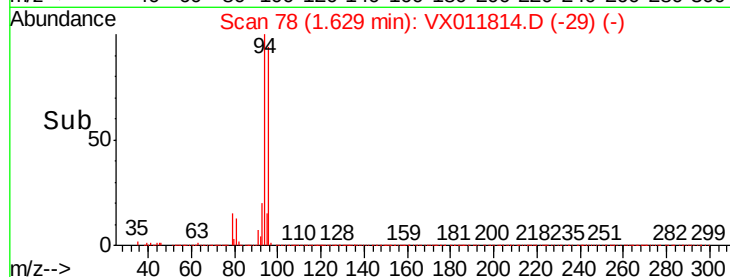
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 48.436 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011814.D

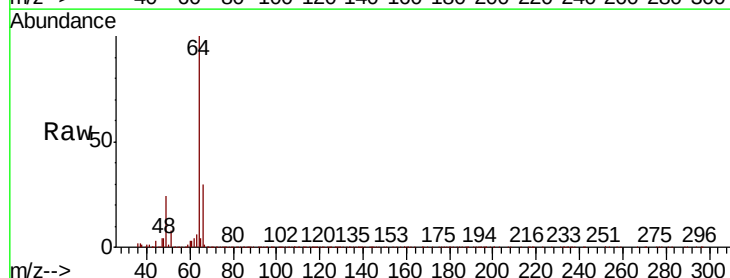
Acq: 24 Aug 2019 13:08

Tgt Ion: 64 Resp: 95739

Ion Ratio Lower Upper

64 100

66 30.6 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

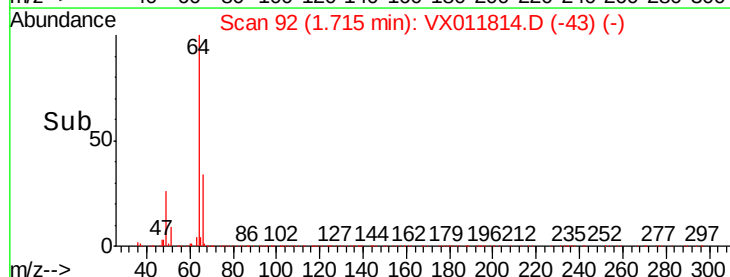
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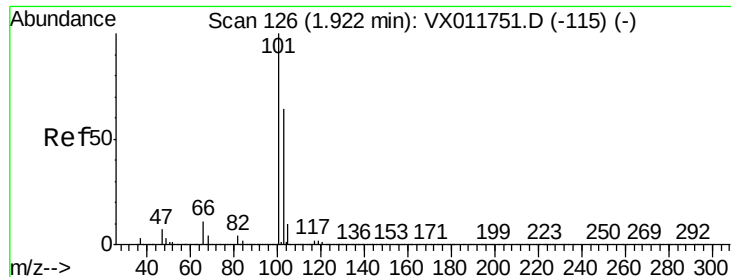
40000

20000

0

Time--> 1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 41.096 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

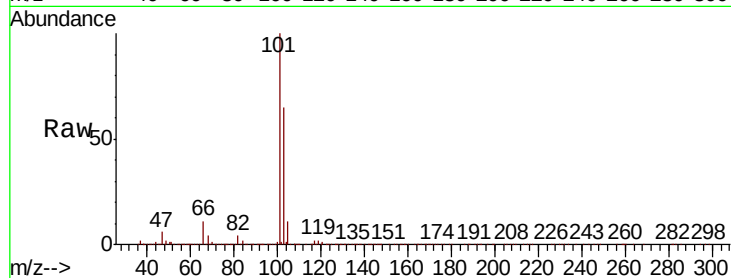
VSTDCCC050

Tgt Ion:101 Resp: 221191

Ion Ratio Lower Upper

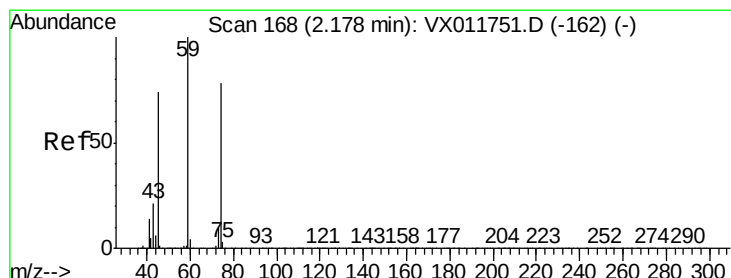
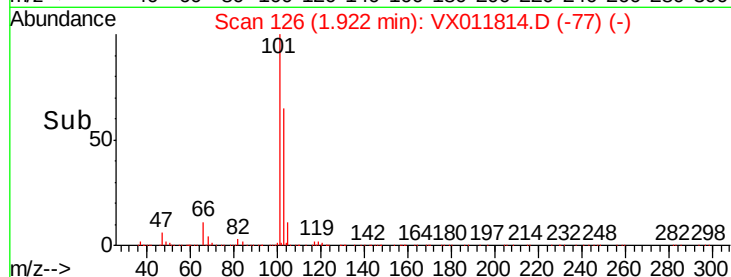
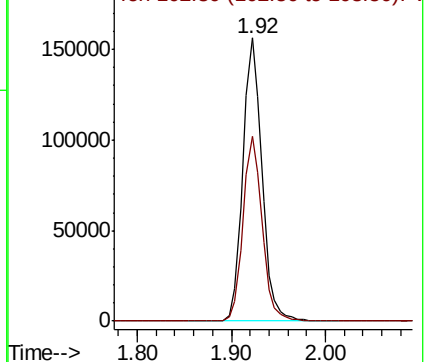
101 100

103 65.1 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.395 ug/l

RT: 2.18 min Scan# 168

Delta R.T. -0.00 min

Lab File: VX011814.D

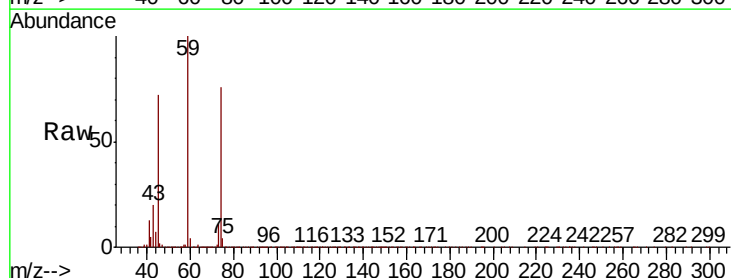
Acq: 24 Aug 2019 13:08

Tgt Ion: 74 Resp: 92232

Ion Ratio Lower Upper

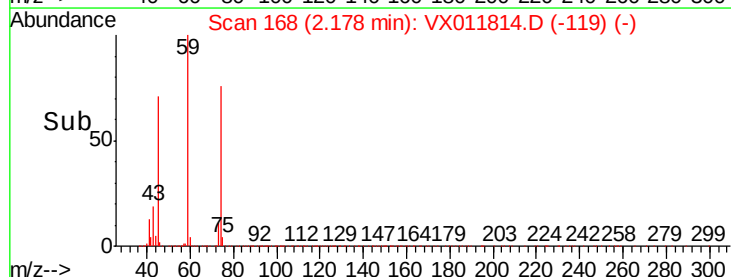
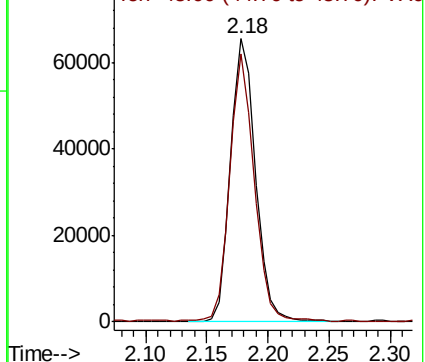
74 100

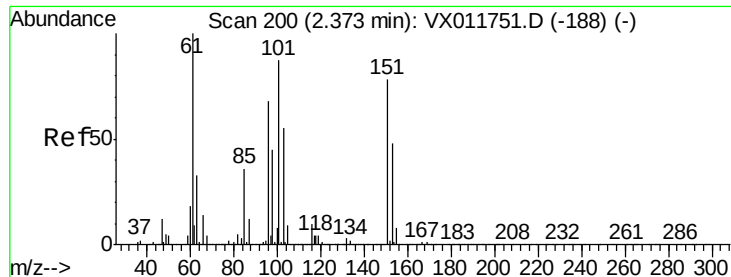
45 91.8 46.7 140.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 37.746 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

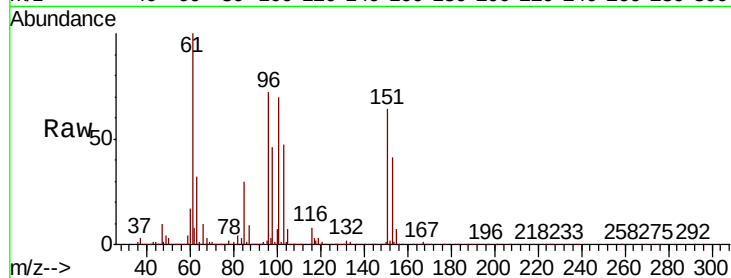
Tgt Ion:101 Resp: 125718

Ion Ratio Lower Upper

101 100

85 41.1 33.7 50.5

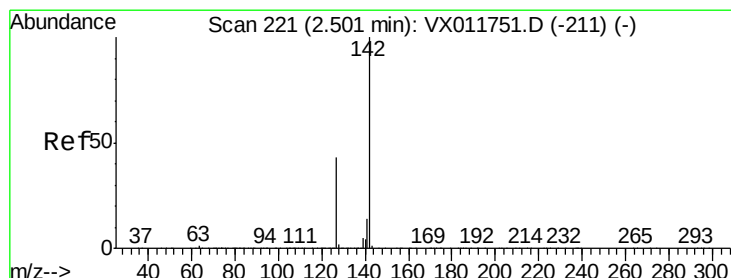
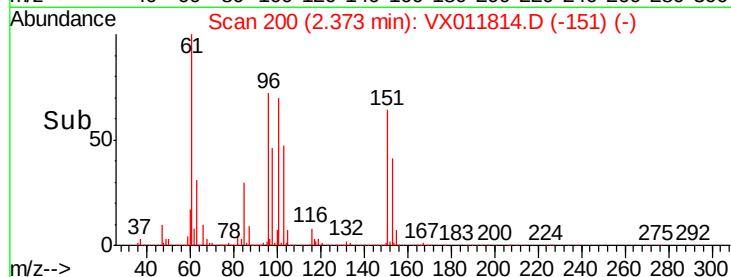
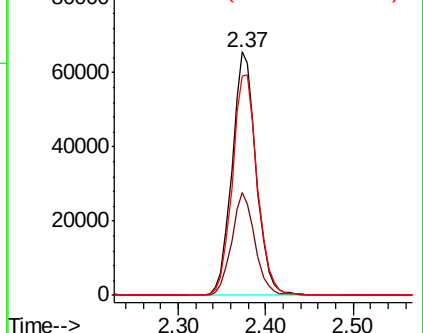
151 94.1 71.4 107.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.493 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

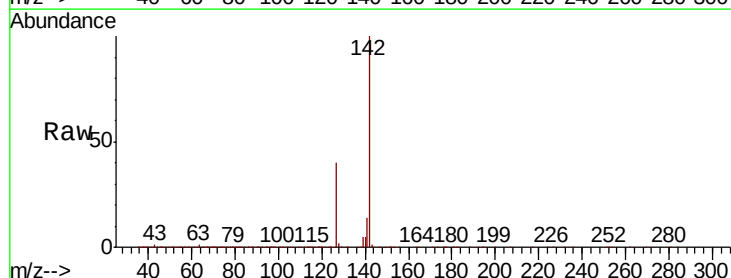
Tgt Ion:142 Resp: 197276

Ion Ratio Lower Upper

142 100

127 40.5 33.5 50.3

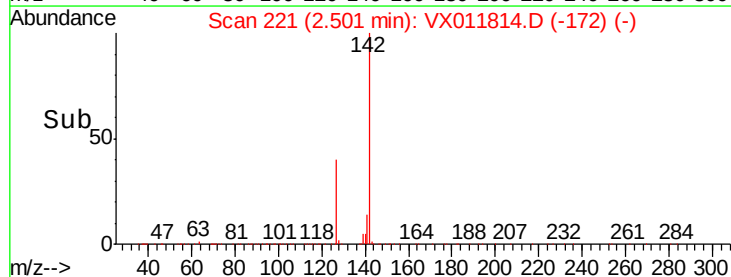
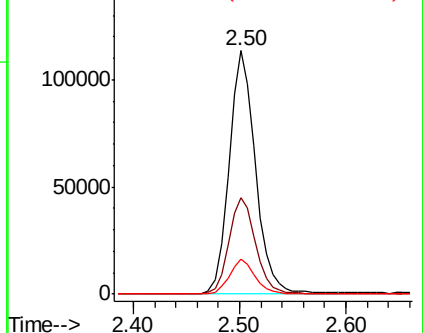
141 13.9 11.4 17.2

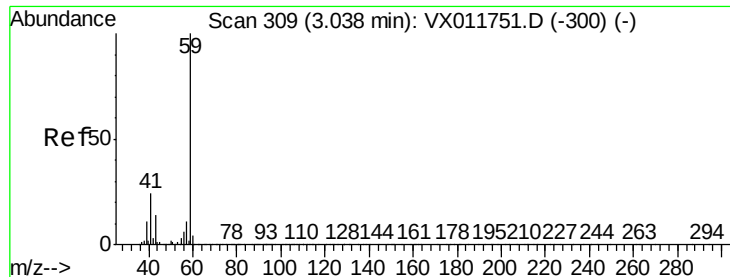


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

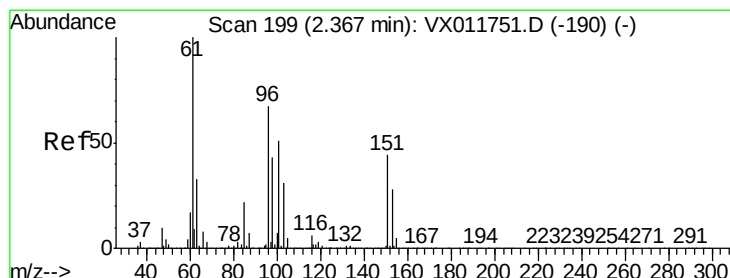
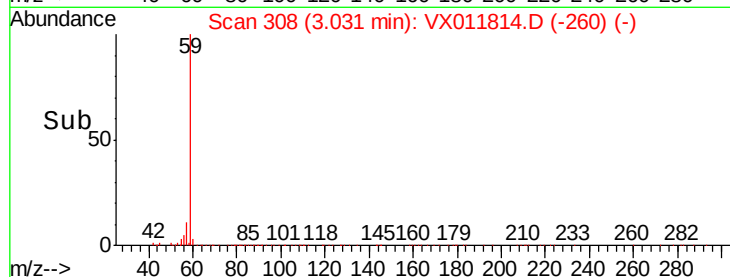
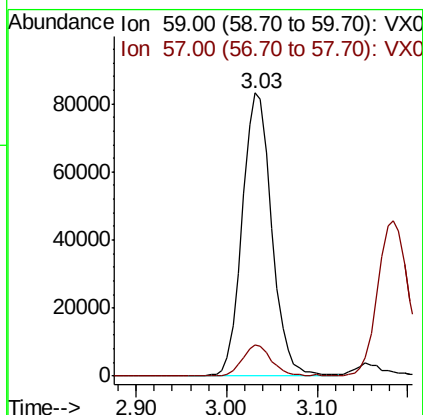
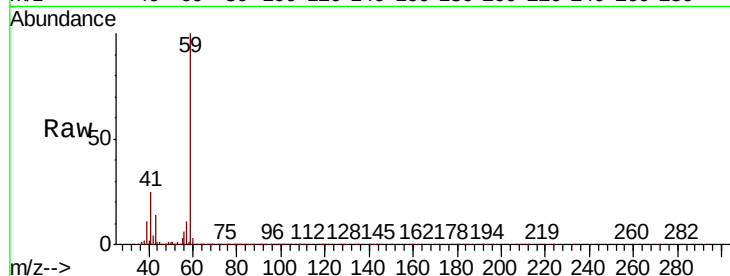




#11
Tert butyl alcohol
Concen: 227.944 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

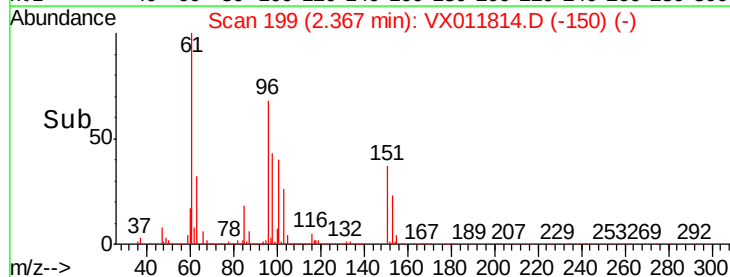
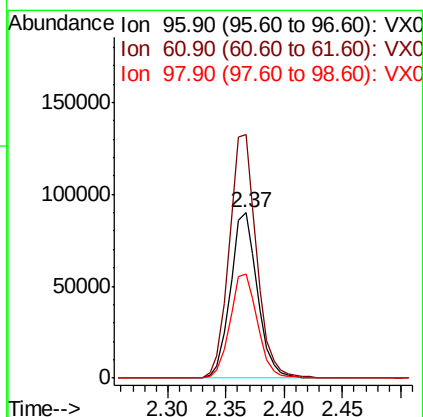
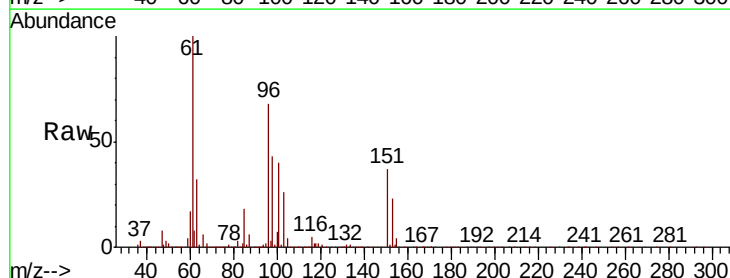
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

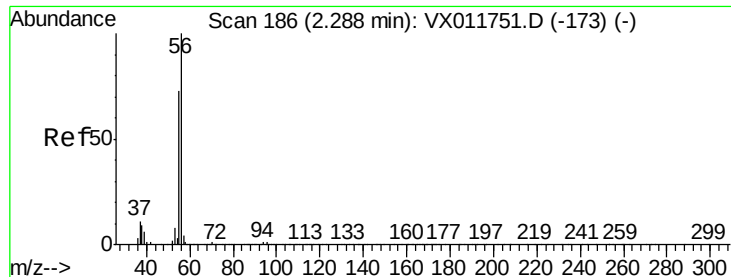
Tgt Ion: 59 Resp: 186962
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 44.594 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion: 96 Resp: 144825
Ion Ratio Lower Upper
96 100
61 147.4 119.4 179.2
98 63.0 51.2 76.8

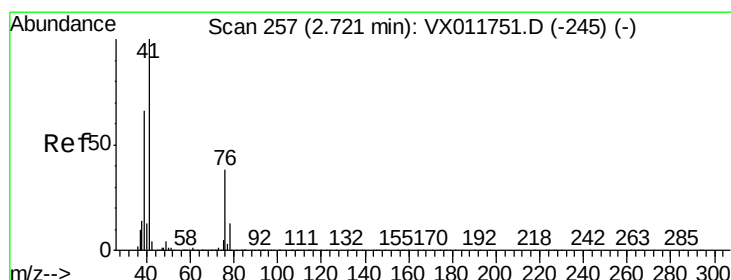
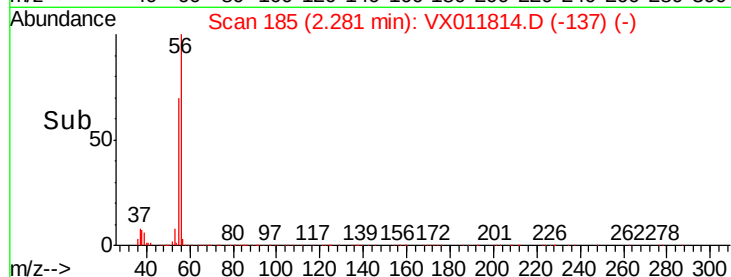
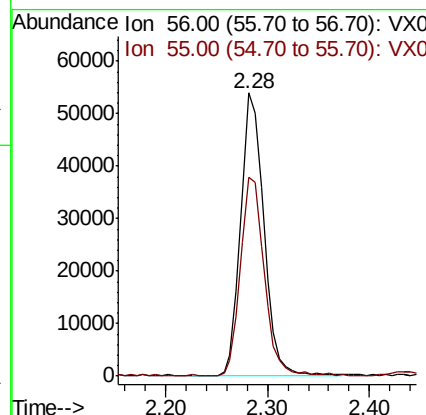
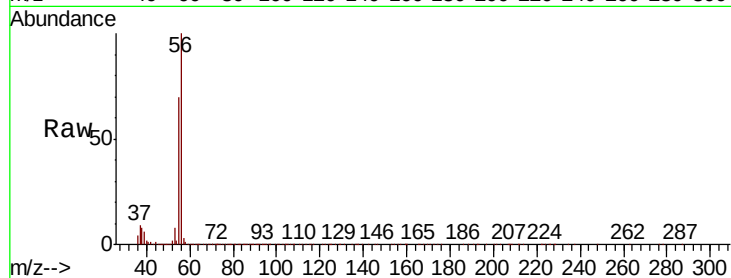




#13
Acrolein
Concen: 265.349 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

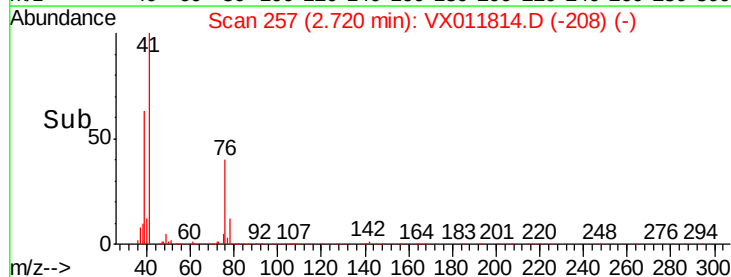
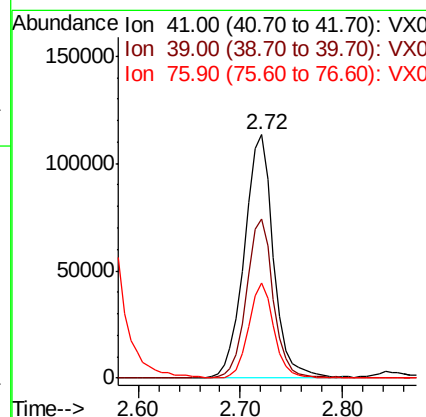
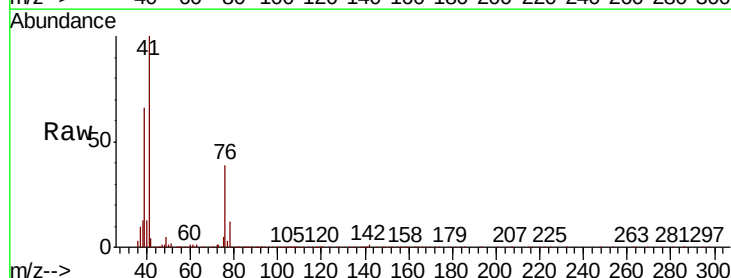
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

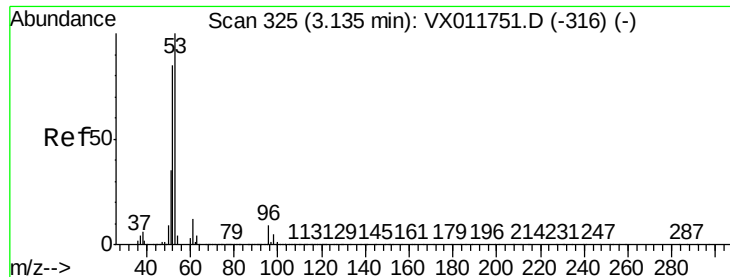
Tgt Ion: 56 Resp: 84131
Ion Ratio Lower Upper
56 100
55 71.4 54.8 82.2



#14
Allyl chloride
Concen: 44.177 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion: 41 Resp: 224242
Ion Ratio Lower Upper
41 100
39 61.0 49.3 73.9
76 33.6 26.8 40.2

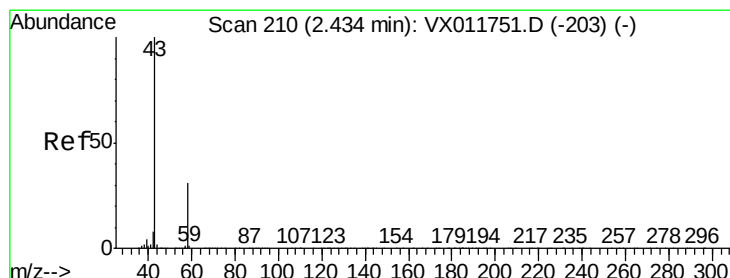
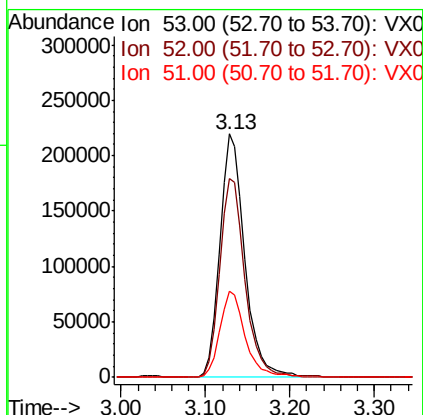
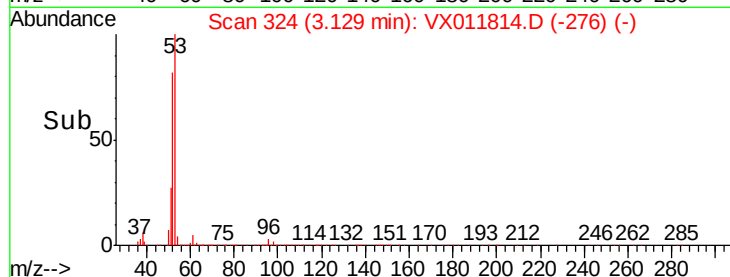
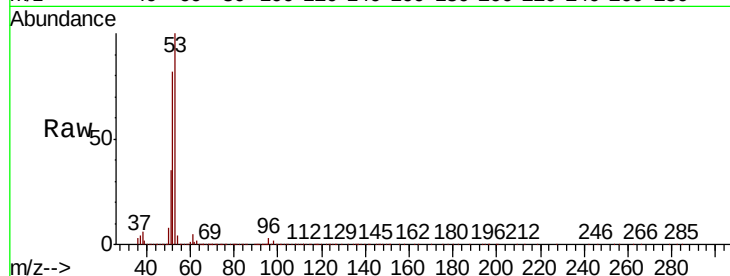




#15
Acrylonitrile
Concen: 237.879 ug/l
RT: 3.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

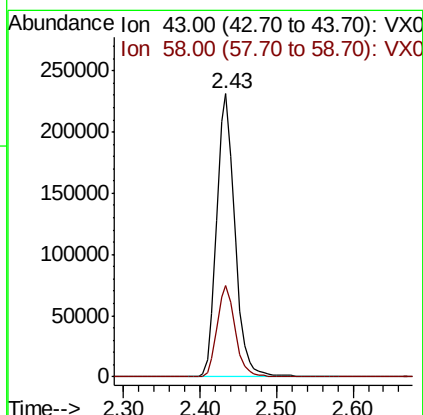
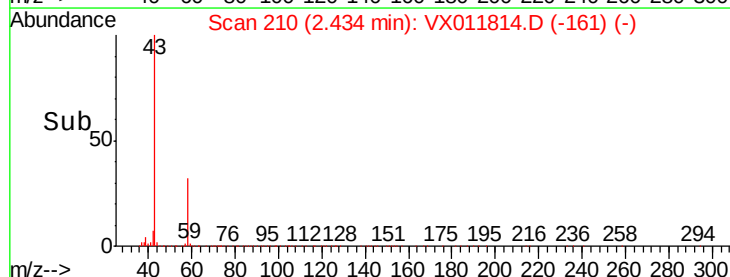
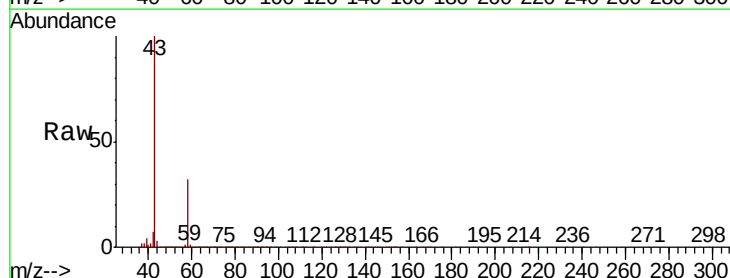
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

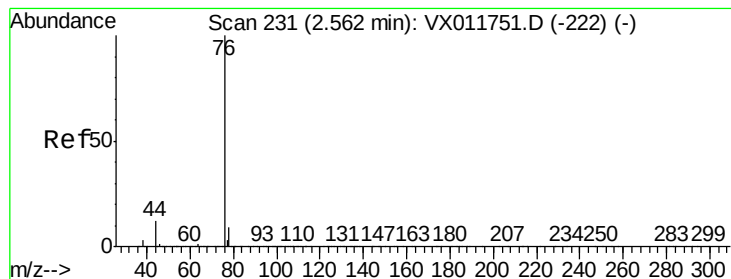
Tgt Ion: 53 Resp: 446272
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 36.0 28.6 43.0



#16
Acetone
Concen: 209.432 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion: 43 Resp: 378153
Ion Ratio Lower Upper
43 100
58 32.4 24.4 36.6





#17

Carbon Disulfide

Concen: 41.034 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

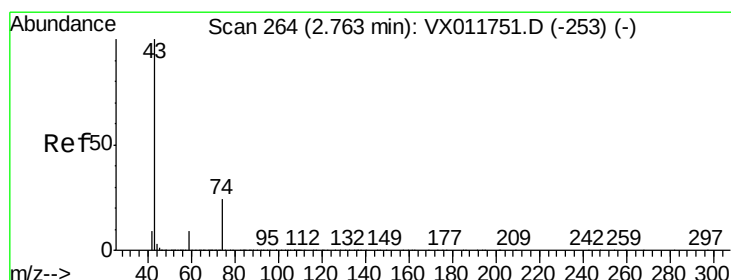
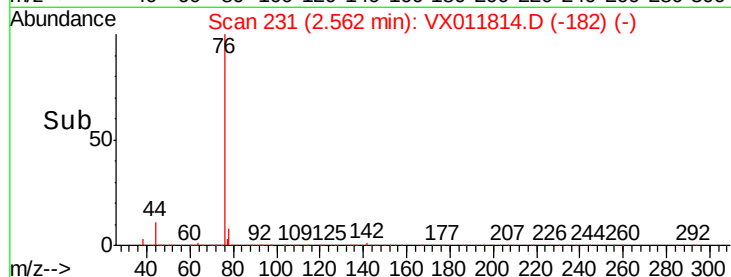
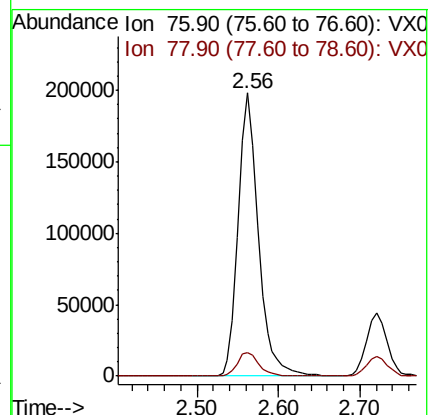
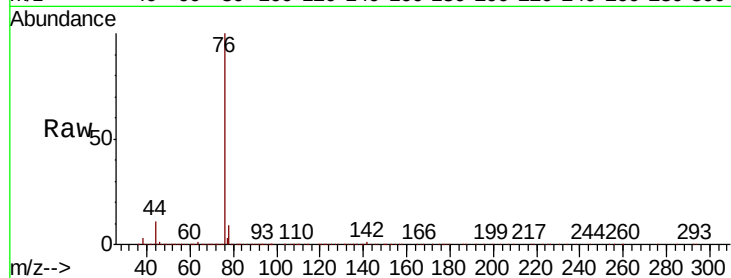
VSTDCCC050

Tgt Ion: 76 Resp: 336940

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



#18

Methyl Acetate

Concen: 50.772 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011814.D

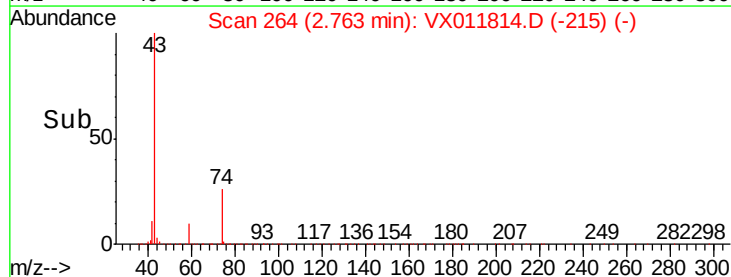
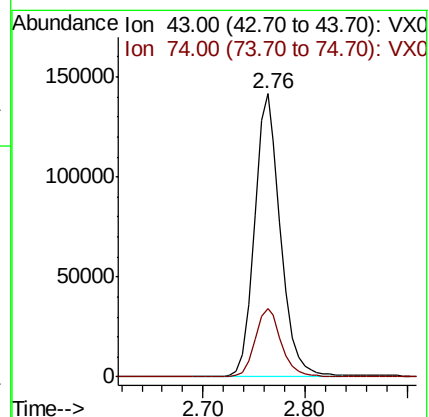
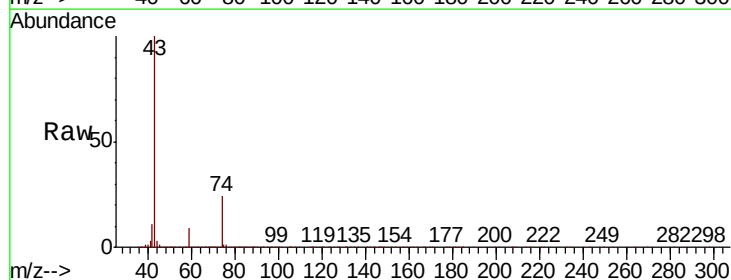
Acq: 24 Aug 2019 13:08

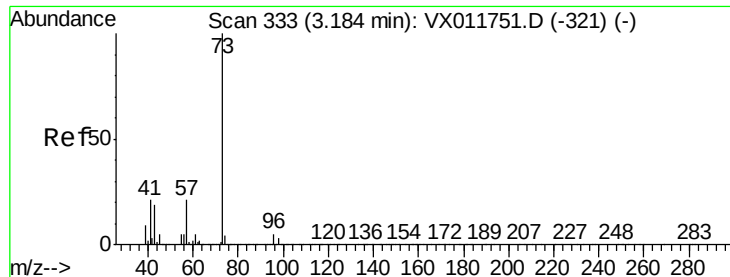
Tgt Ion: 43 Resp: 248756

Ion Ratio Lower Upper

43 100

74 25.4 19.5 29.3

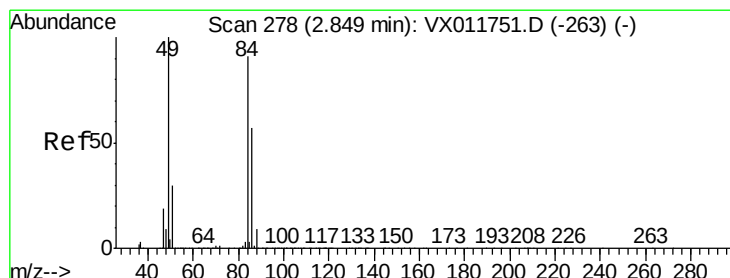
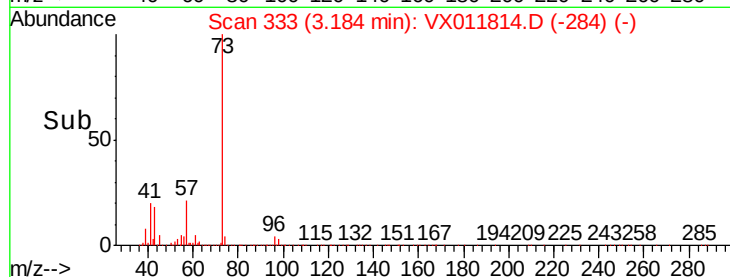
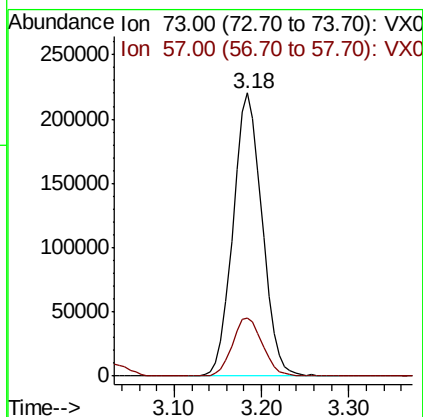
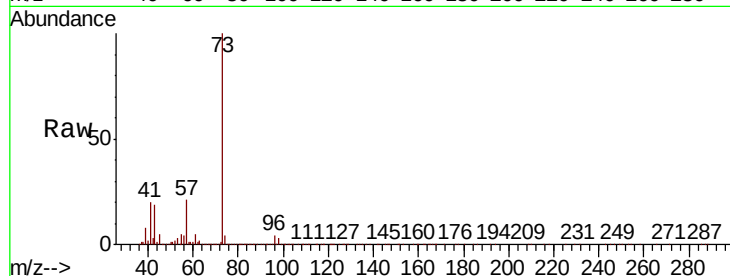




#19
Methyl tert-butyl Ether
Concen: 48.852 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

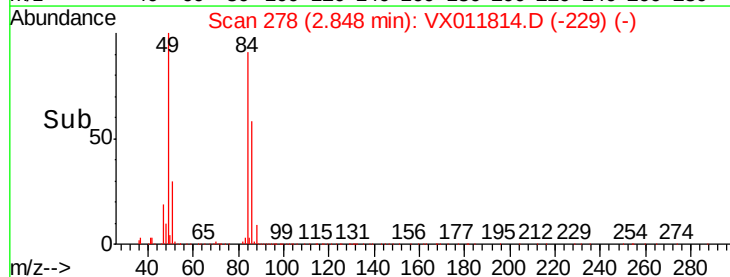
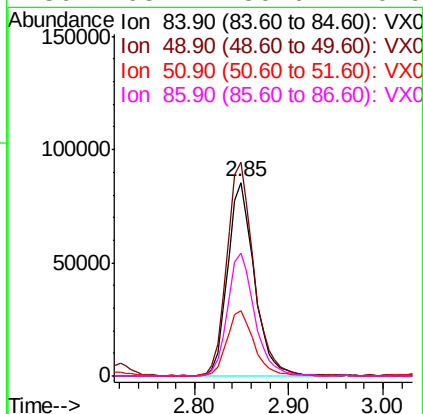
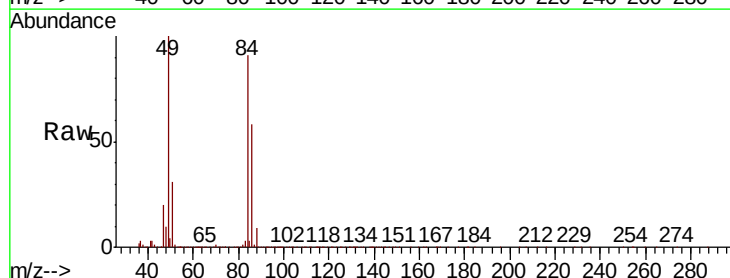
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

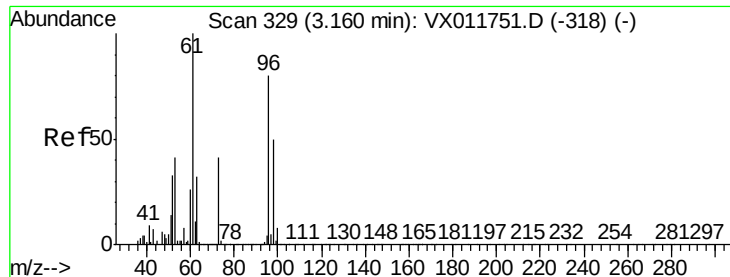
Tgt Ion: 73 Resp: 508924
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 45.480 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion: 84 Resp: 167890
Ion Ratio Lower Upper
84 100
49 110.1 88.3 132.5
51 33.5 26.2 39.2
86 63.4 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 44.573 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

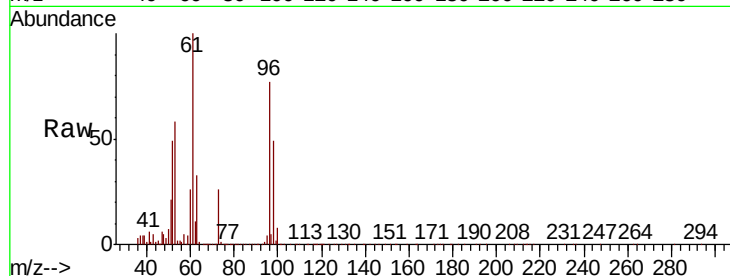
Tgt Ion: 96 Resp: 156138

Ion Ratio Lower Upper

96 100

61 129.2 99.8 149.8

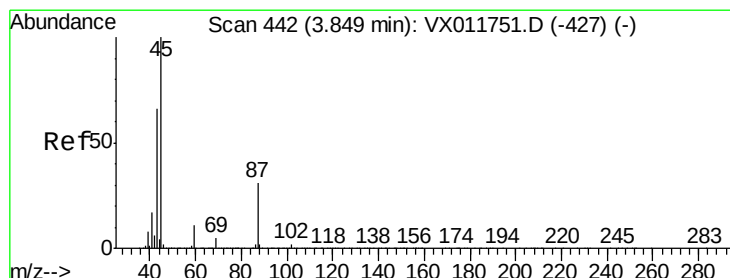
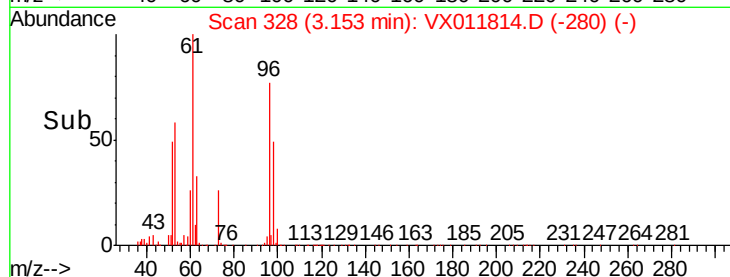
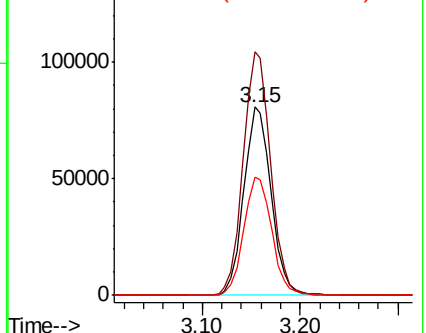
98 62.7 50.3 75.5



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: 49.987 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Tgt Ion: 45 Resp: 492027

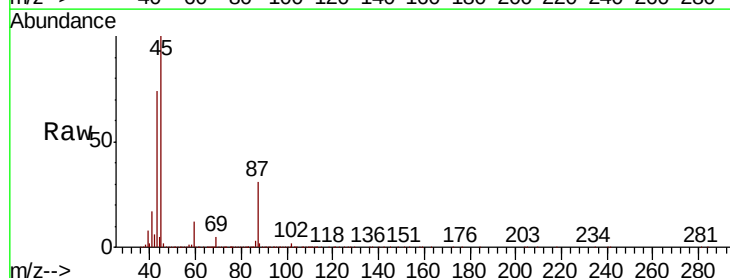
Ion Ratio Lower Upper

45 100

43 73.3 53.0 79.6

87 30.7 24.7 37.1

59 11.5 9.1 13.7

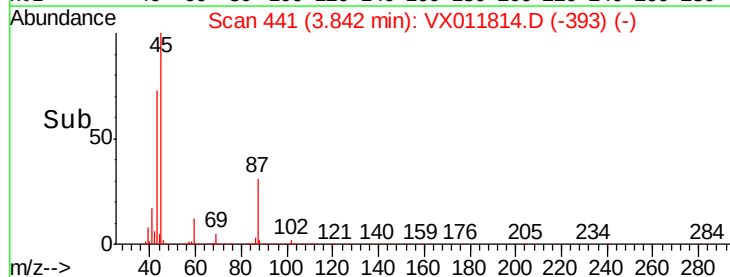
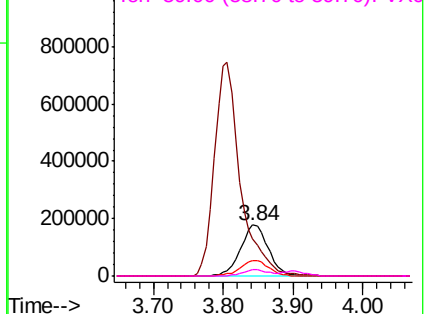


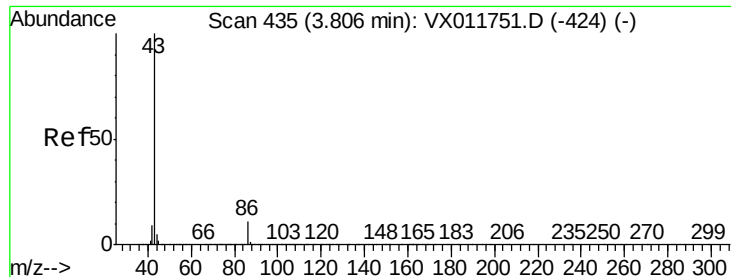
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 235.877 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

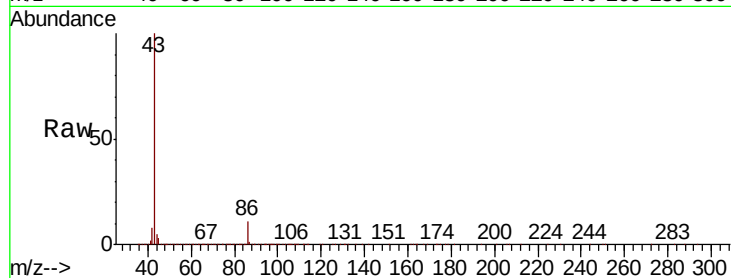
VSTDCCC050

Tgt Ion: 43 Resp: 1922315

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

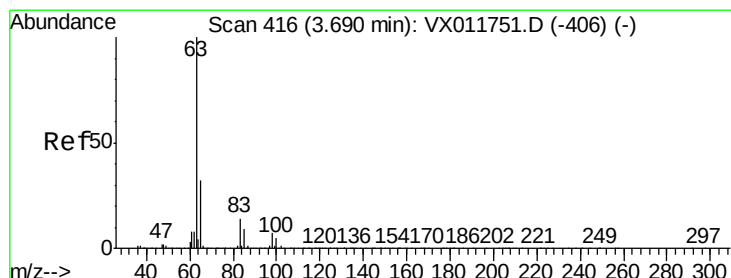
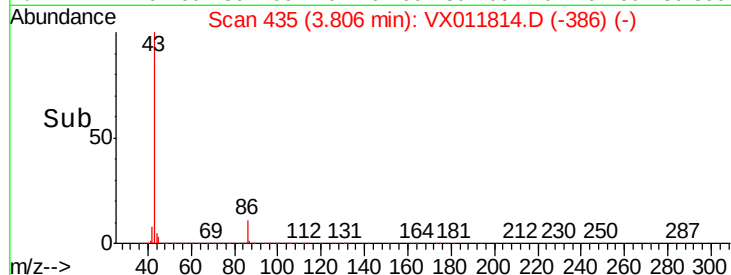
400000

200000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.961 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

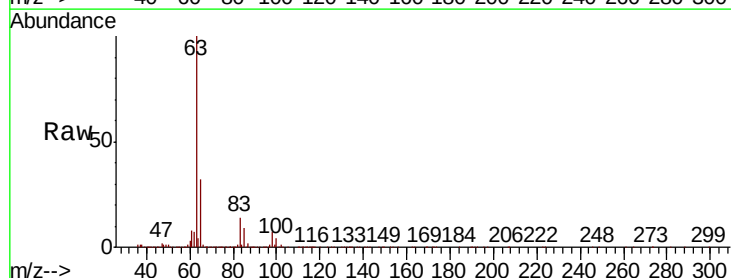
Tgt Ion: 63 Resp: 272919

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.4 2.3 6.9



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

150000

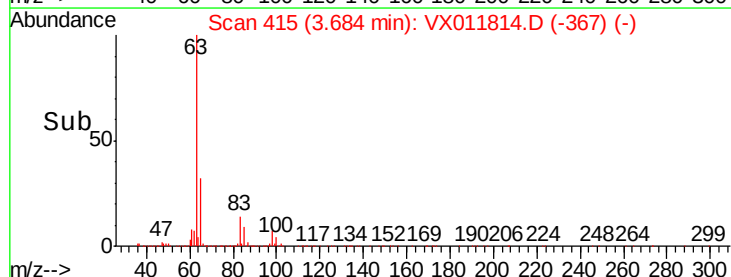
100000

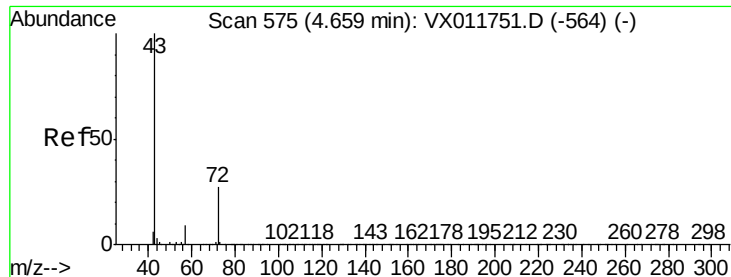
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 234.888 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

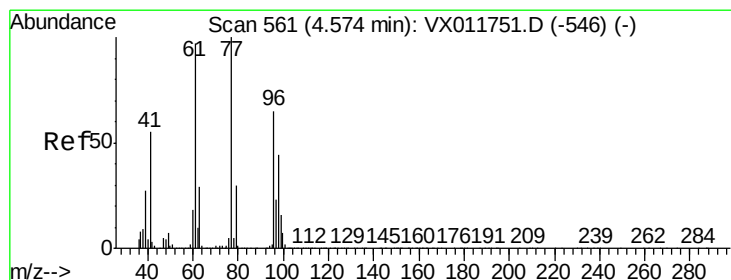
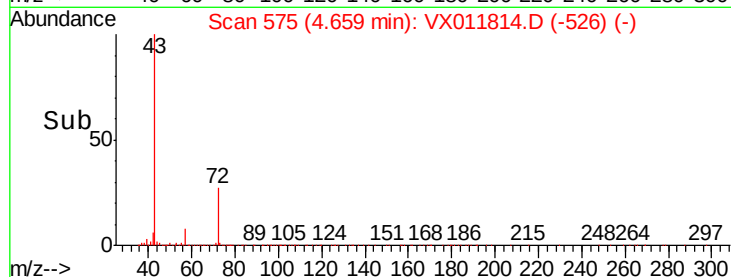
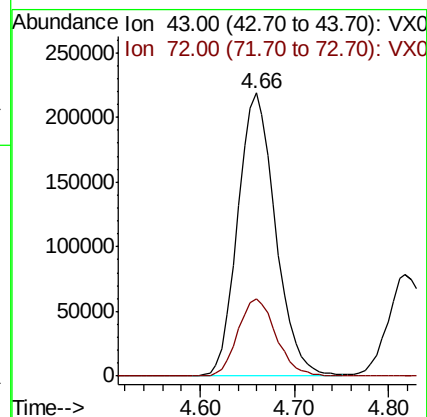
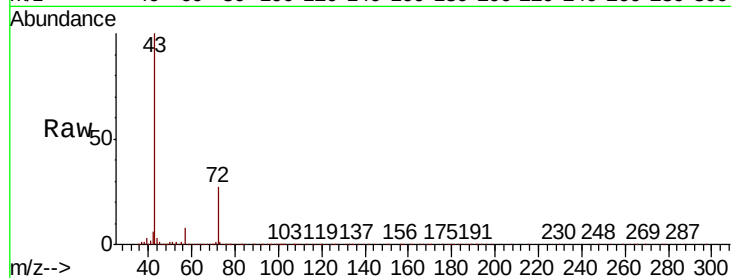
VSTDCCC050

Tgt Ion: 43 Resp: 608760

Ion Ratio Lower Upper

43 100

72 27.2 21.8 32.6



#26

2,2-Dichloropropane

Concen: 22.456 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011814.D

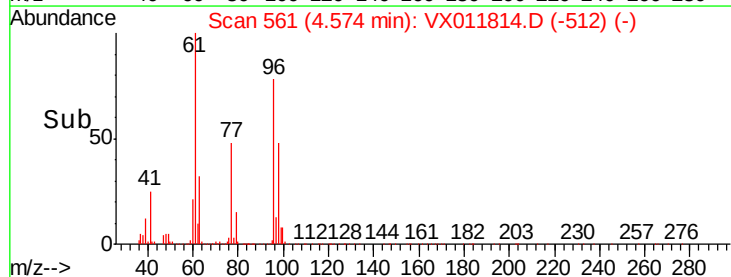
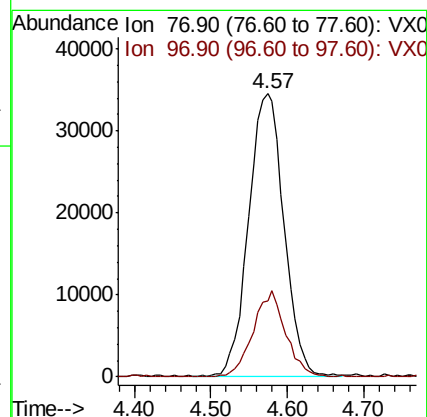
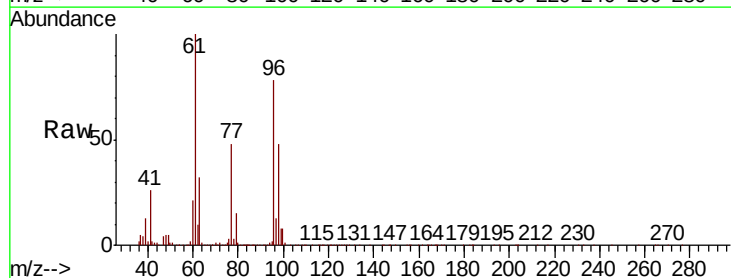
Acq: 24 Aug 2019 13:08

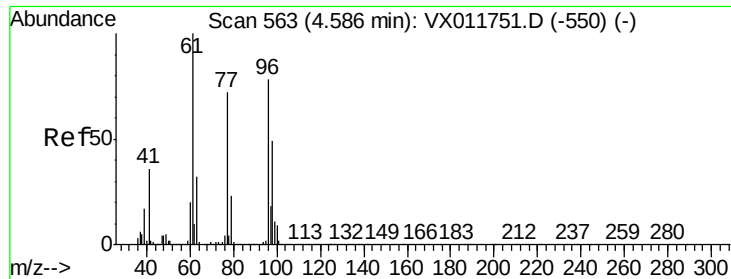
Tgt Ion: 77 Resp: 110828

Ion Ratio Lower Upper

77 100

97 28.1 12.2 36.6



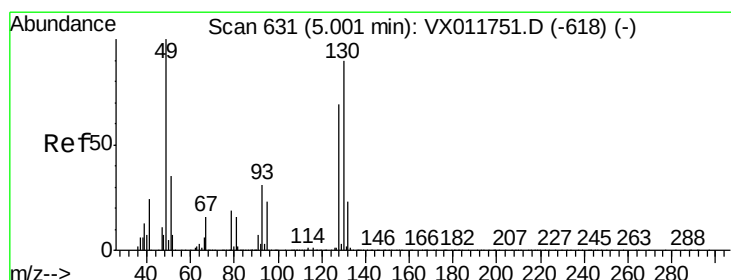
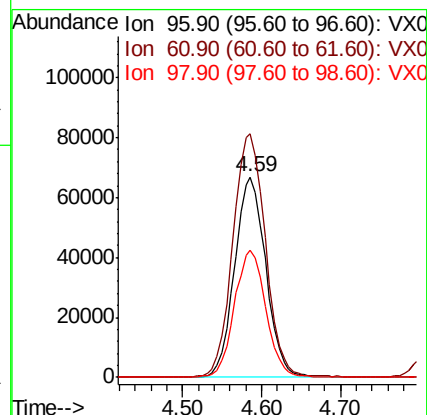
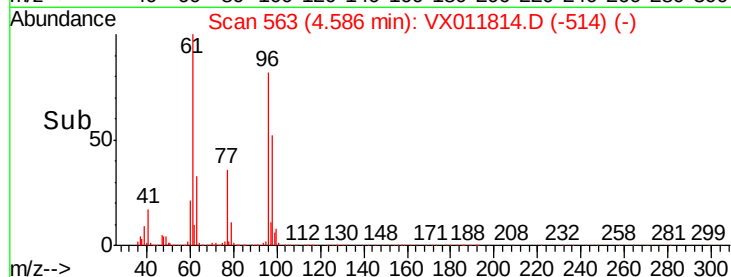
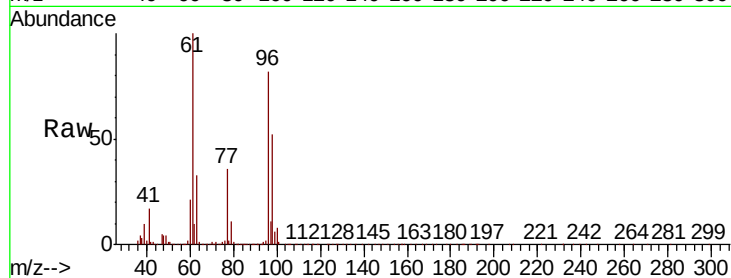


#27

cis-1,2-Dichloroethene
Concen: 45.711 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

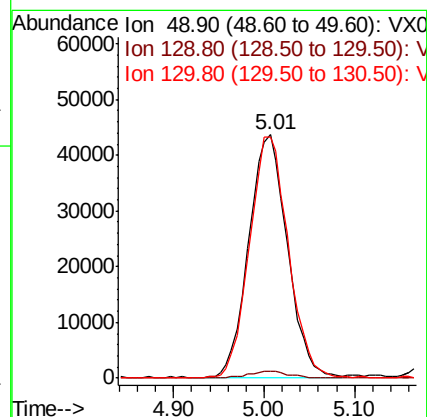
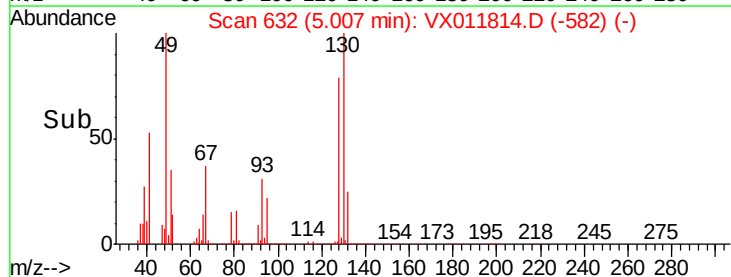
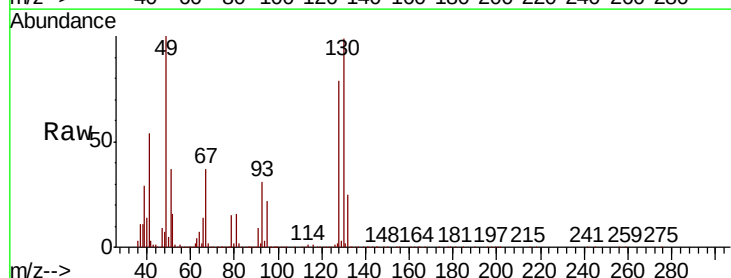
Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	275.8
98	63.7	0.0	128.2

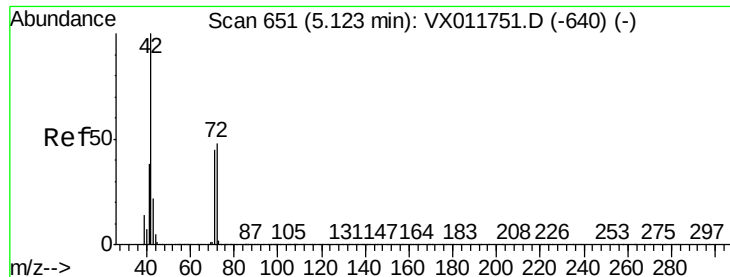


#28

Bromochloromethane
Concen: 48.469 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.8
130	100.8	76.8	115.2





#29

Tetrahydrofuran

Concen: 242.782 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

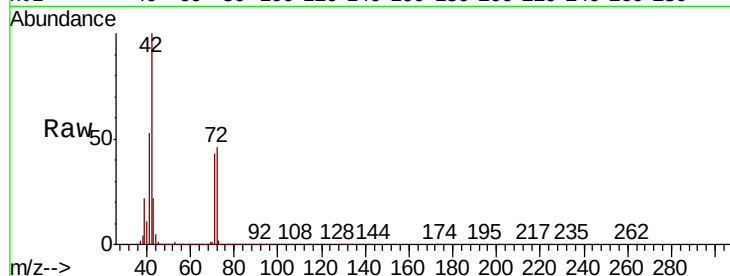
Tgt Ion: 42 Resp: 403345

Ion Ratio Lower Upper

42 100

72 47.2 37.6 56.4

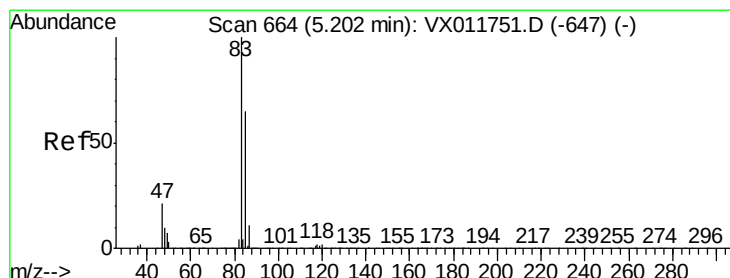
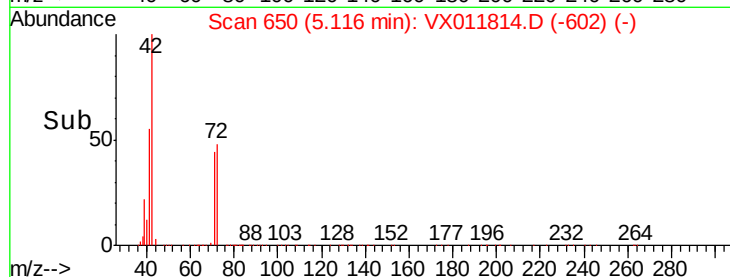
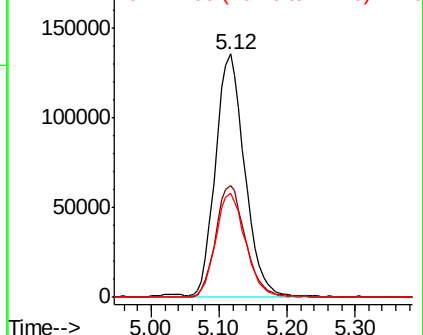
71 43.6 34.6 51.8



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: 46.152 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011814.D

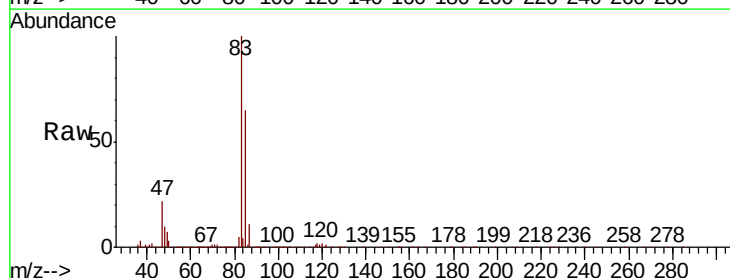
Acq: 24 Aug 2019 13:08

Tgt Ion: 83 Resp: 290996

Ion Ratio Lower Upper

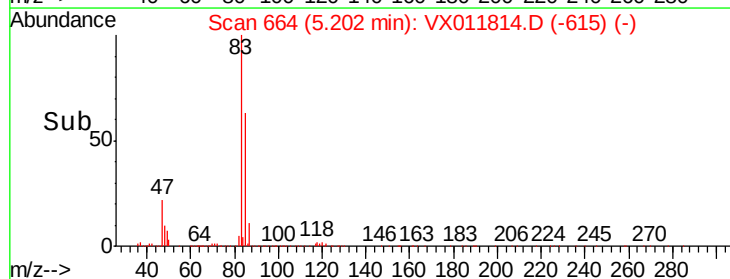
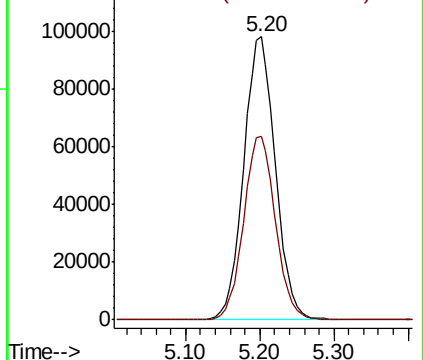
83 100

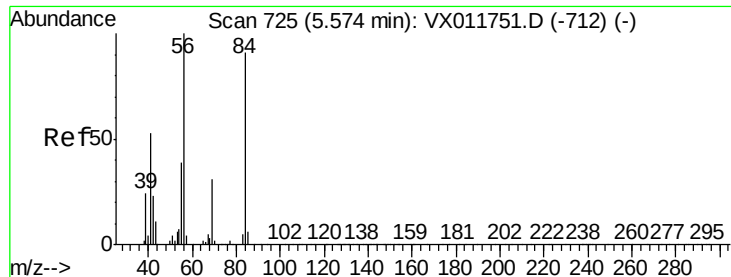
85 64.6 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

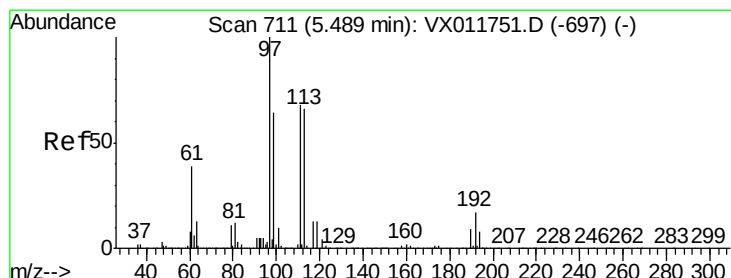
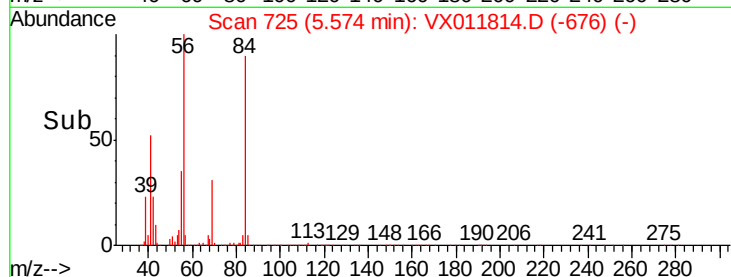
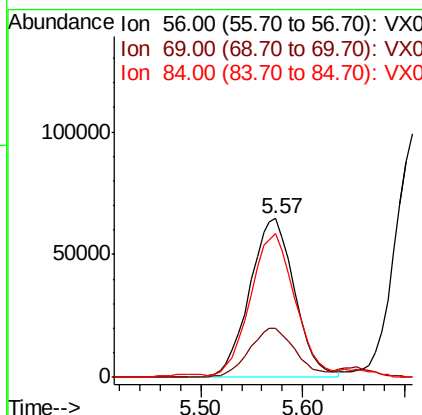
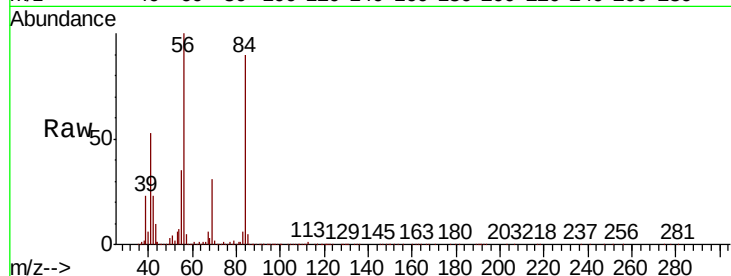




#31
Cyclohexane
Concen: 38.474 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

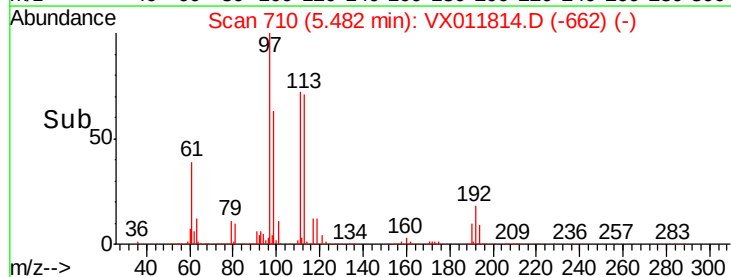
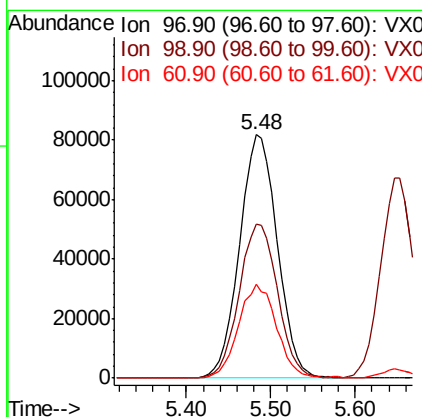
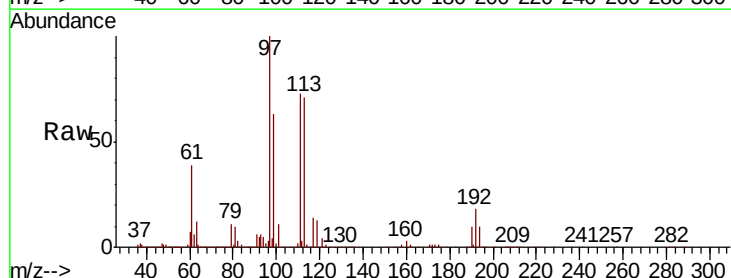
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

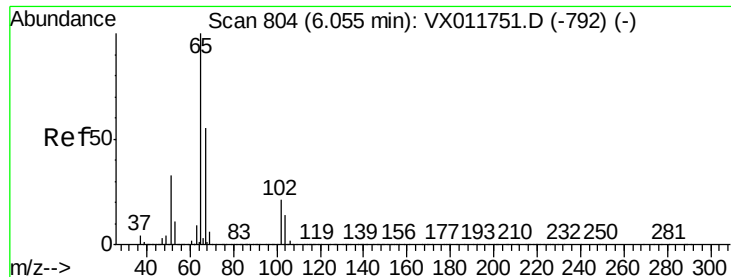
Tgt Ion: 56 Resp: 196369
Ion Ratio Lower Upper
56 100
69 30.7 24.5 36.7
84 88.1 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 45.509 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion: 97 Resp: 249429
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 38.2 31.6 47.4

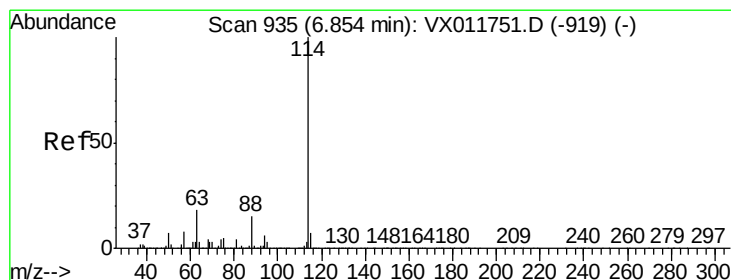
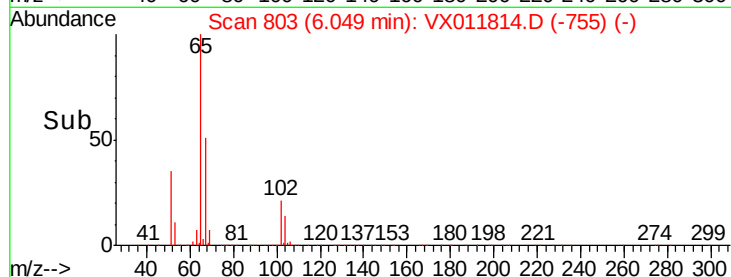
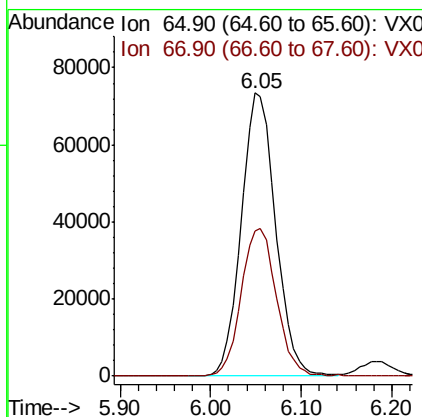
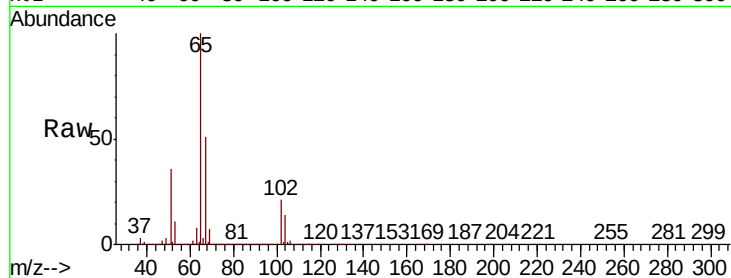




#33
 1,2-Dichloroethane-d4
 Concen: 46.354 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

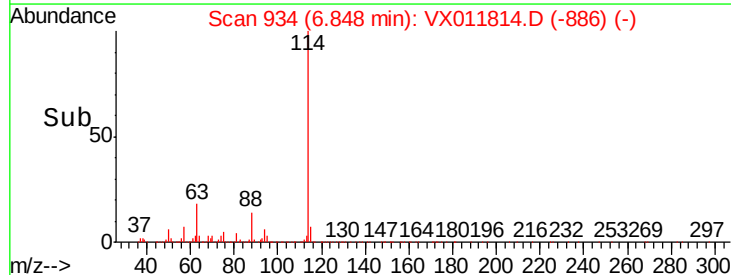
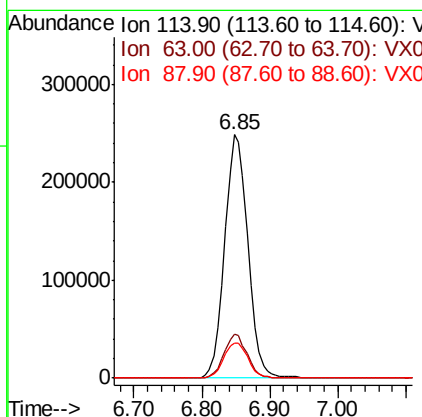
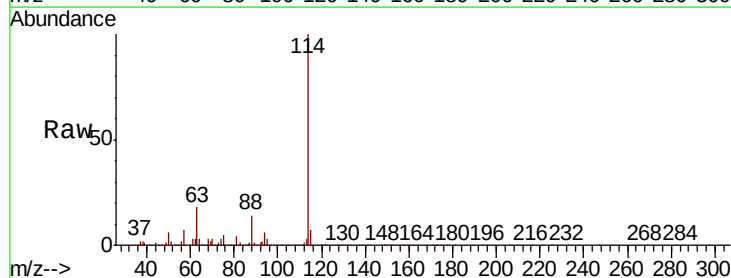
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

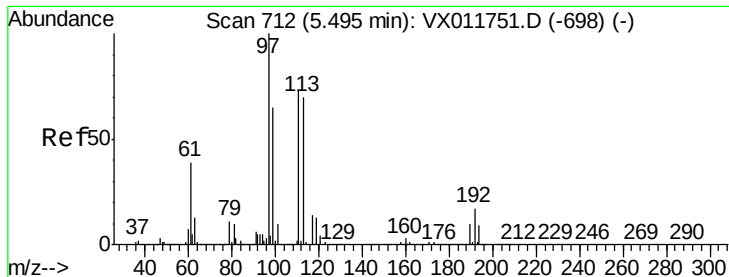
Tgt Ion: 65 Resp: 192404
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Tgt Ion: 114 Resp: 586789
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.8
 88 14.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.648 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

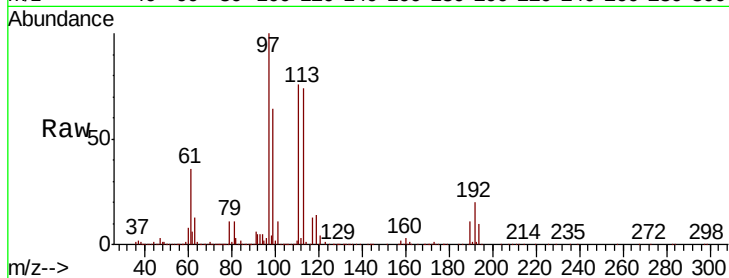
Tgt Ion: 113 Resp: 173206

Ion Ratio Lower Upper

113 100

111 101.5 81.0 121.4

192 26.4 19.9 29.9

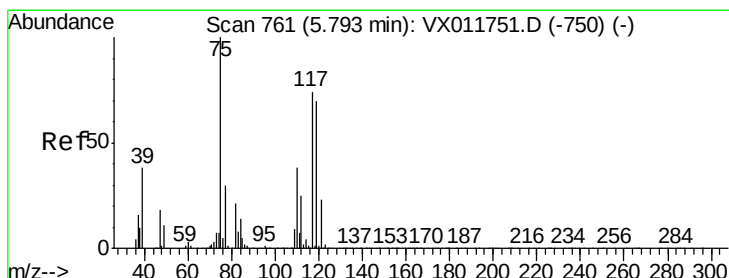
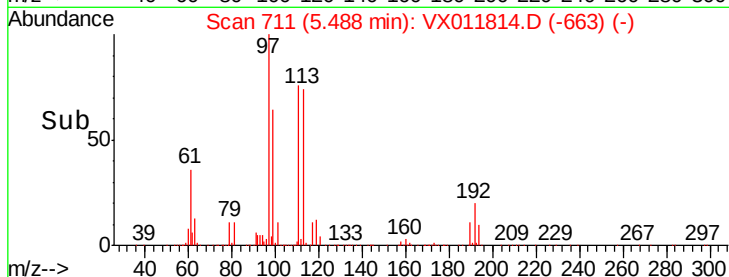
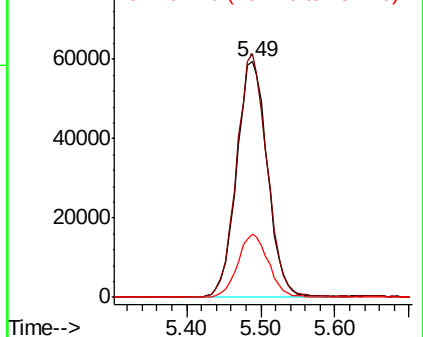


Abundance

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: 41.473 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

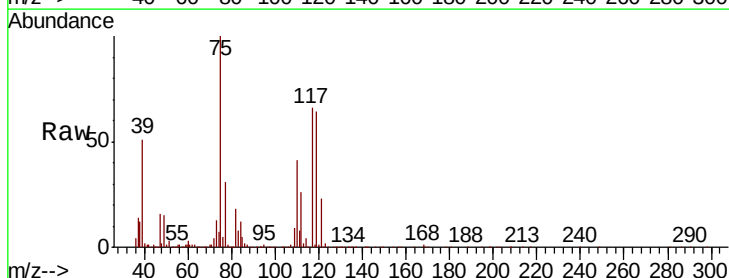
Tgt Ion: 75 Resp: 190835

Ion Ratio Lower Upper

75 100

110 40.7 19.0 57.0

77 31.5 24.6 36.8

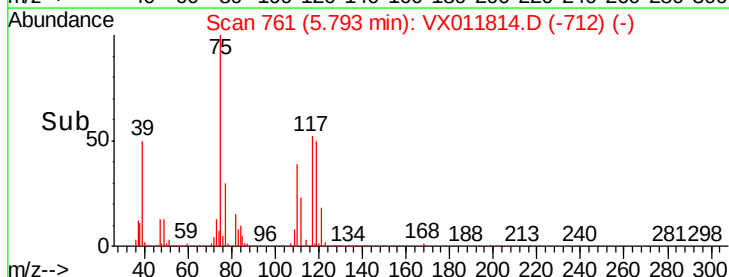
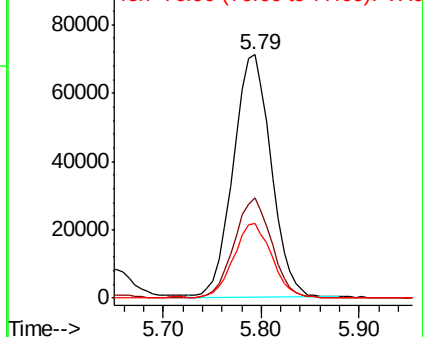


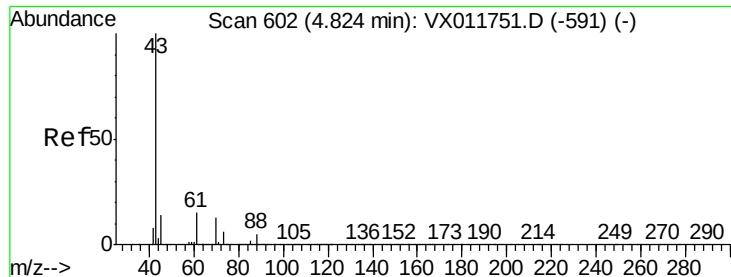
Abundance

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

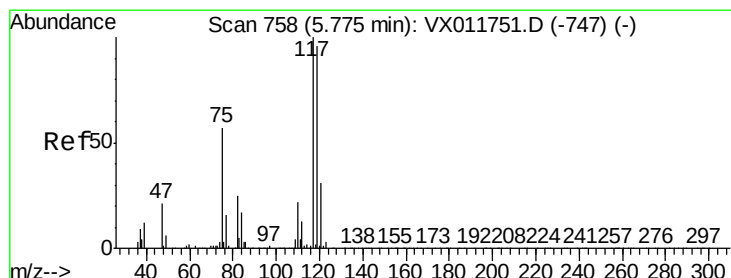
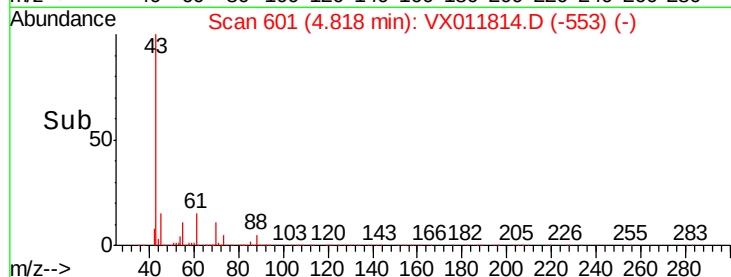
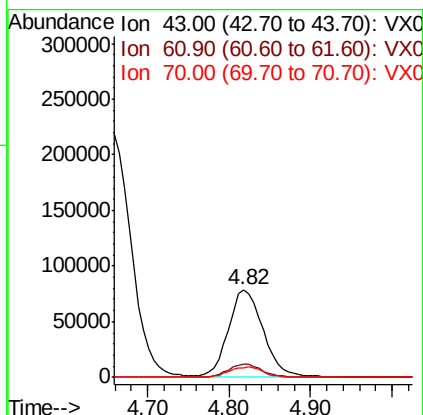
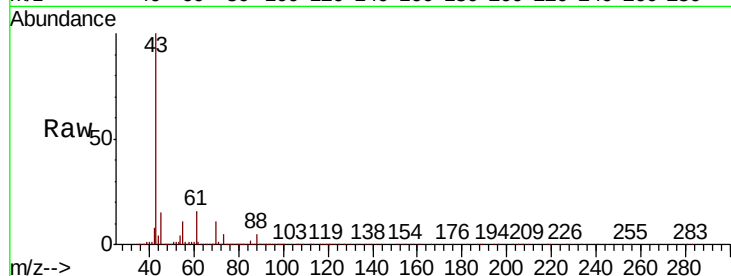




#37
Ethyl Acetate
Concen: 47.113 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

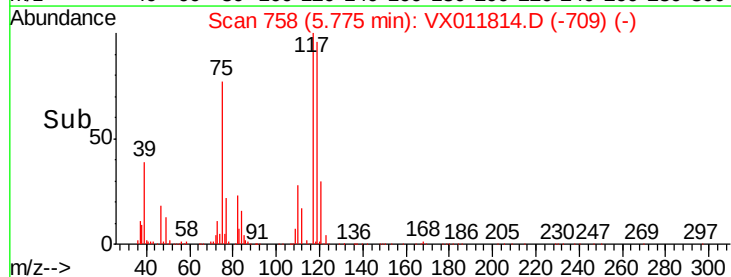
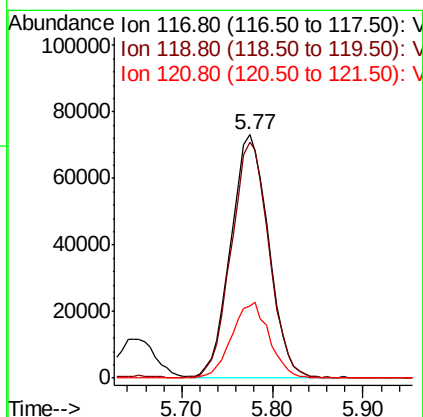
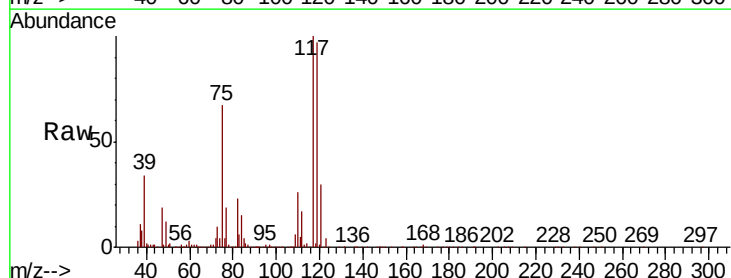
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

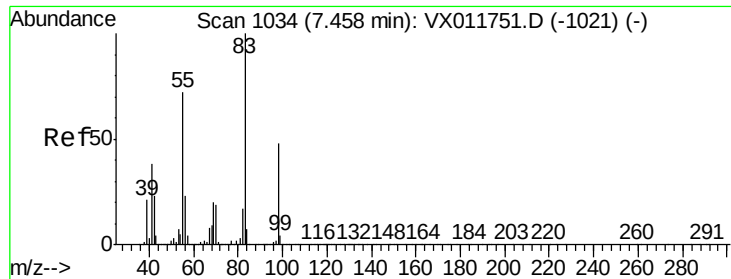
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	12.0	9.5	14.3



#38
Carbon Tetrachloride
Concen: 40.587 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	114.8
121	29.7	25.2	37.8

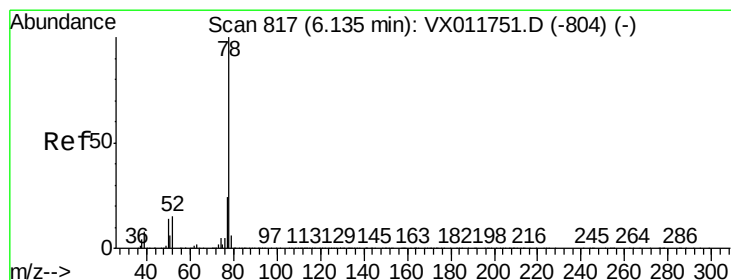
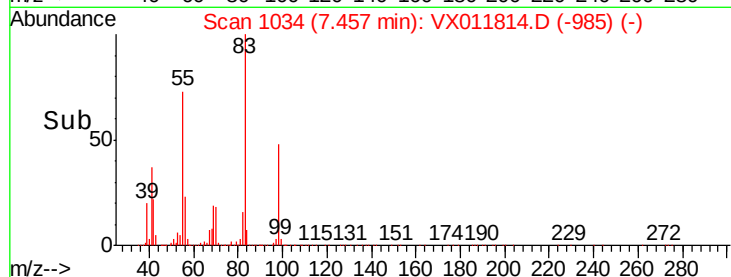
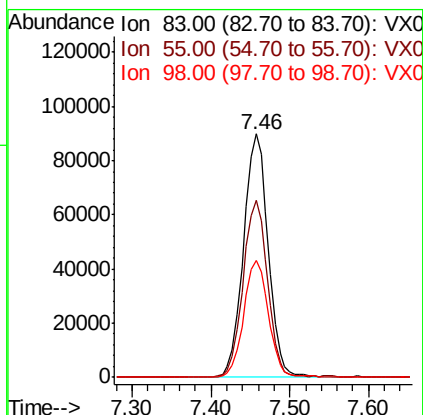
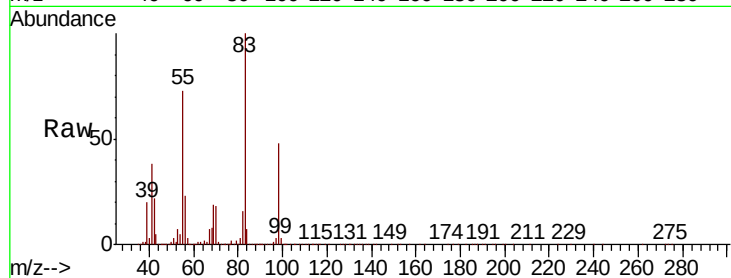




#39
Methylcyclohexane
Concen: 34.252 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

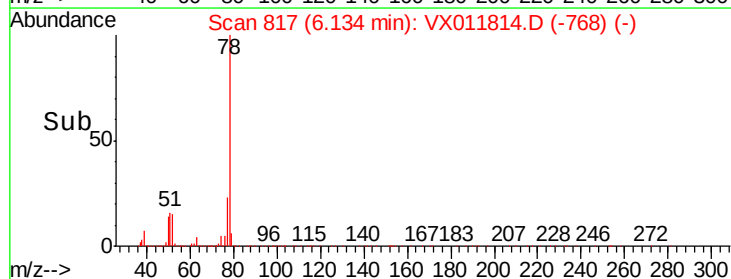
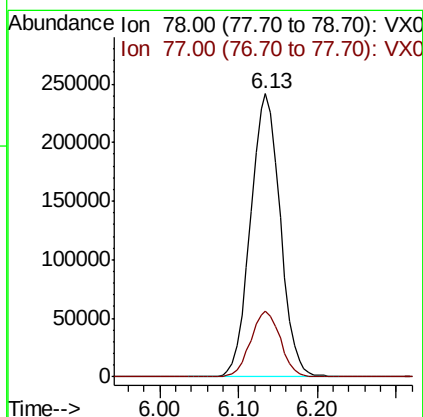
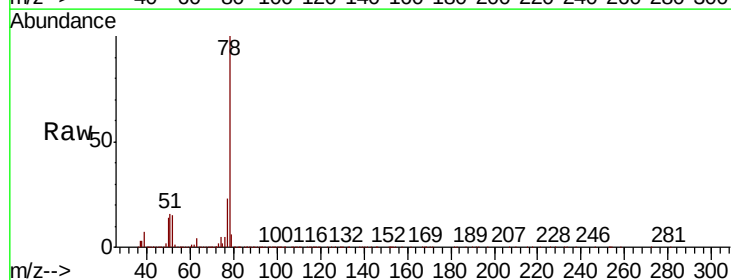
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

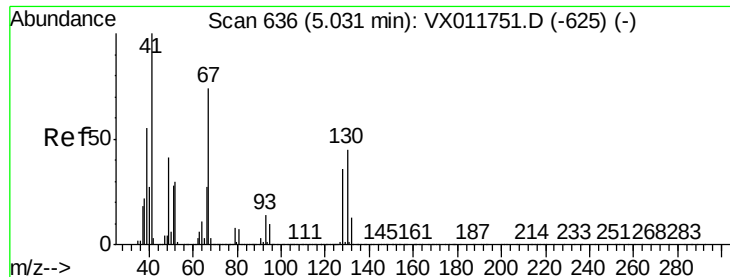
Tgt Ion: 83 Resp: 195311
Ion Ratio Lower Upper
83 100
55 72.5 57.8 86.6
98 47.7 38.6 58.0



#40
Benzene
Concen: 44.273 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion: 78 Resp: 630204
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7

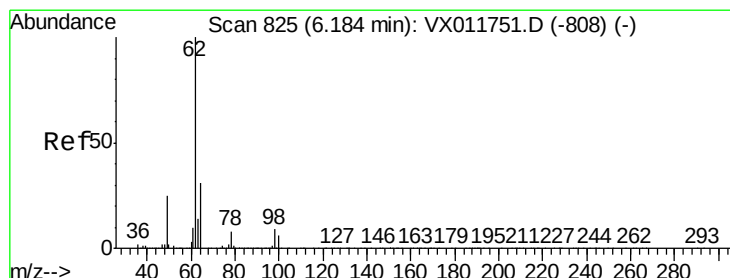
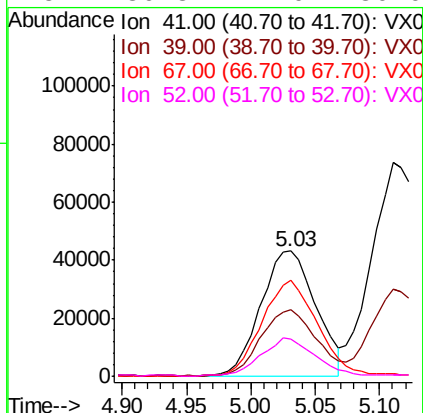
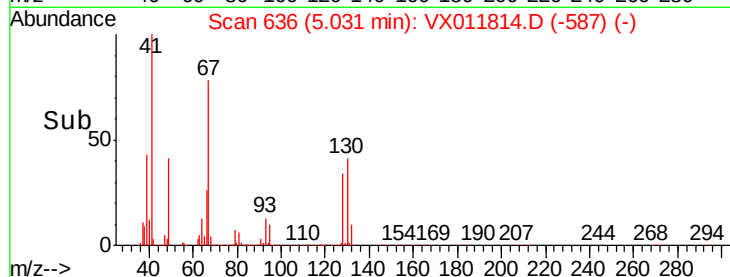
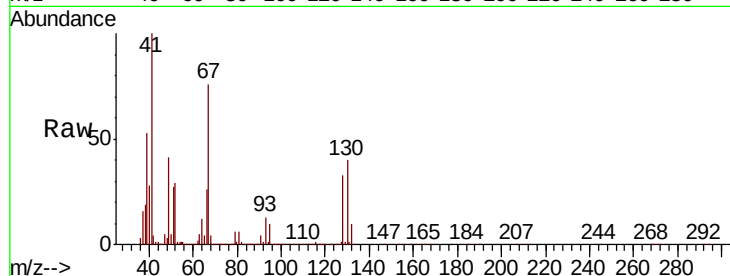




#41
Methacrylonitrile
Concen: 45.072 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

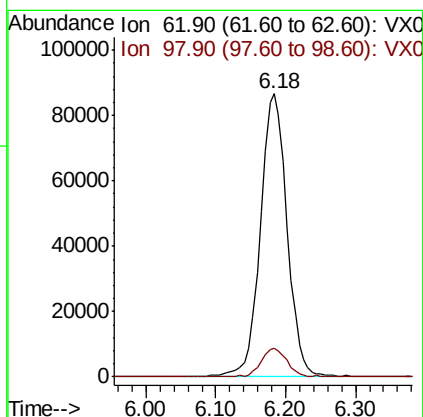
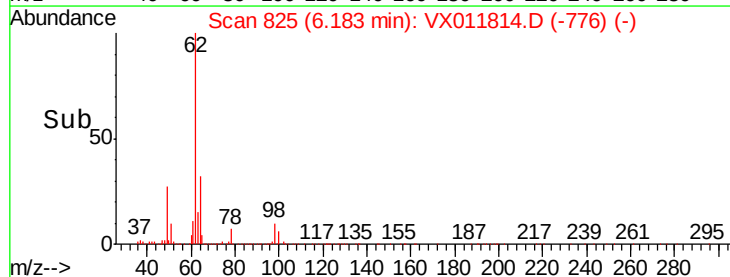
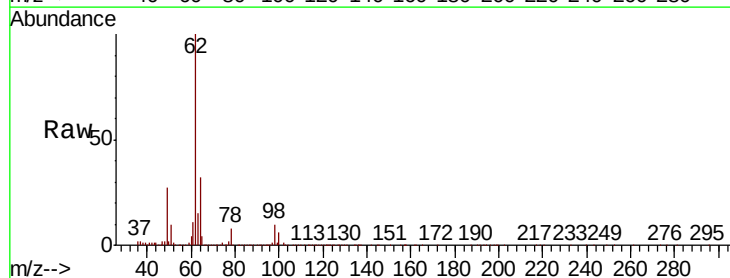
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

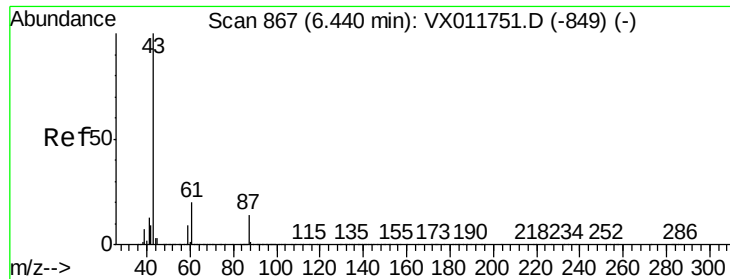
Tgt Ion:	41	Resp:	127644
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.3	66.5
67	77.8	60.3	90.5
52	30.3	24.0	36.0



#42
1,2-Dichloroethane
Concen: 44.143 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion:	62	Resp:	229697
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.8

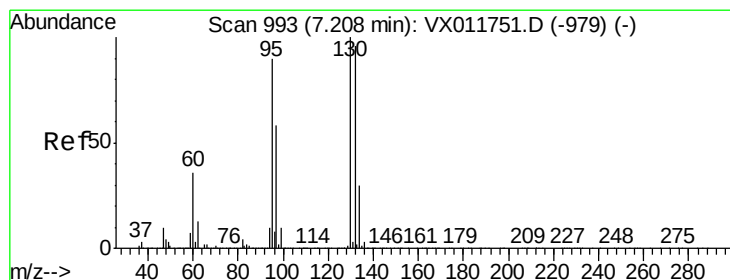
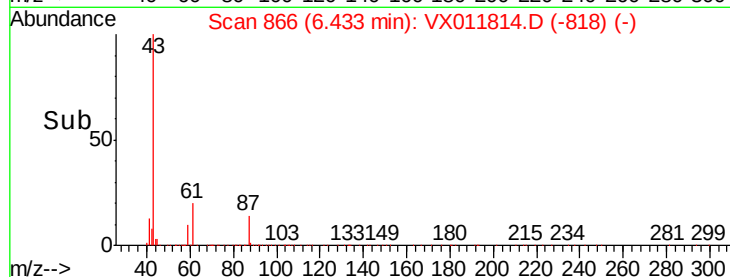
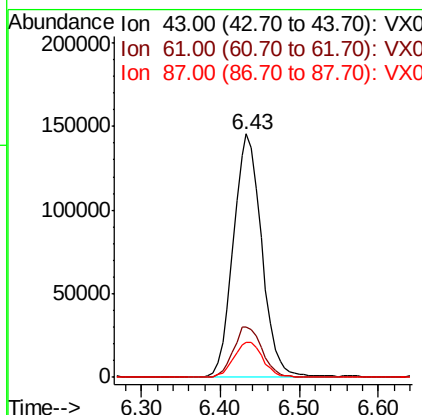
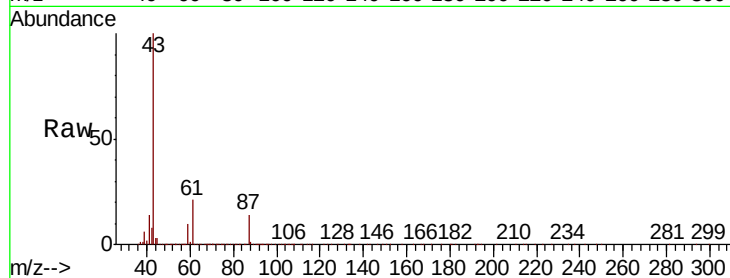




#43
Isopropyl Acetate
Concen: 46.020 ug/l
RT: 6.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

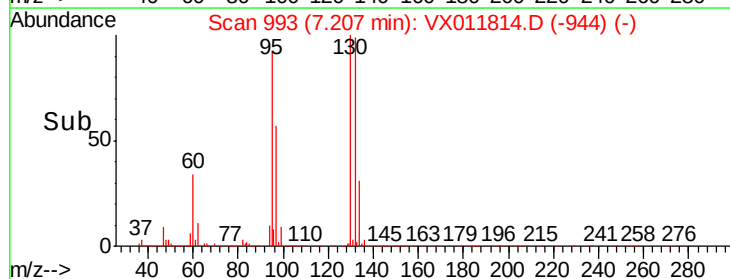
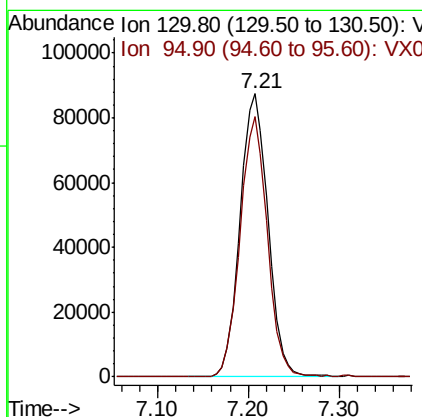
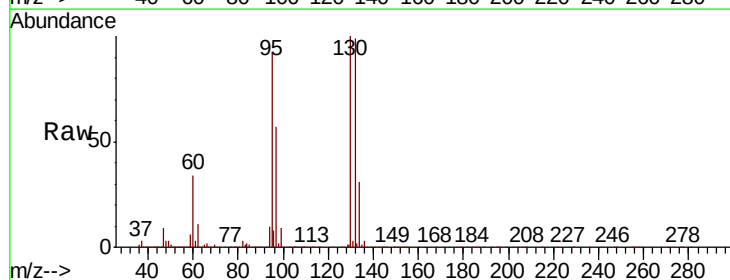
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

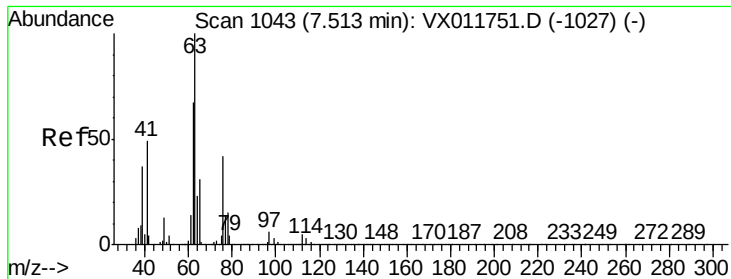
Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.2	24.2
87	14.8	11.6	17.4



#44
Trichloroethene
Concen: 42.627 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	179.0

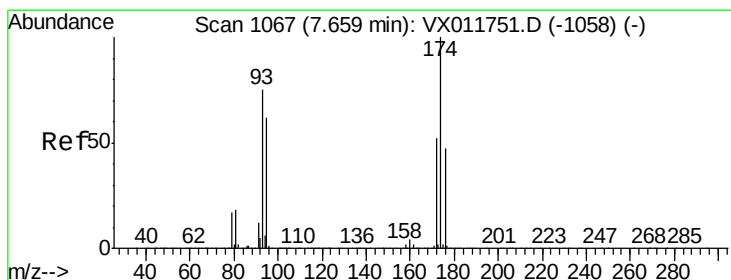
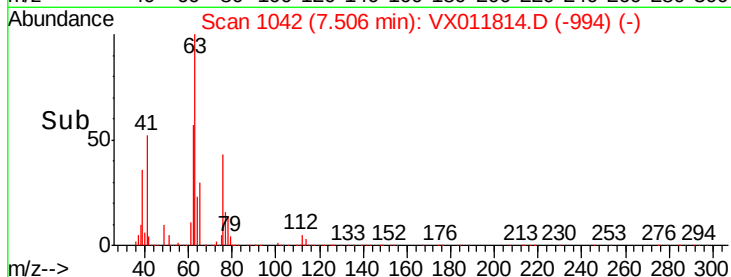
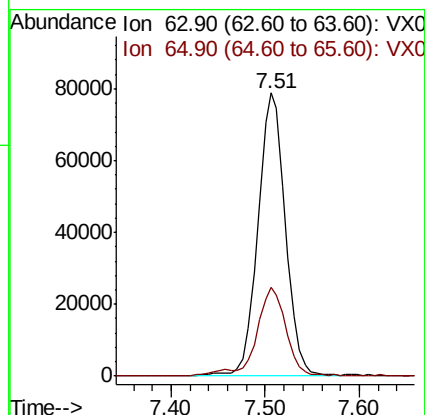
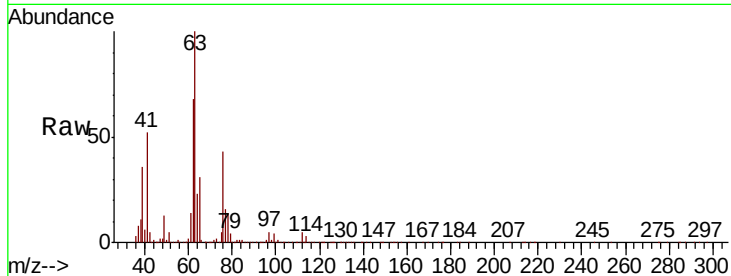




#45
 1,2-Dichloropropane
 Concen: 44.955 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

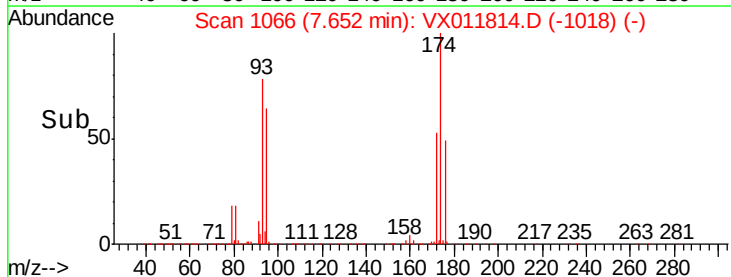
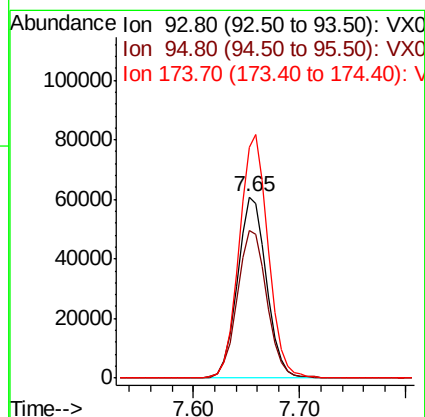
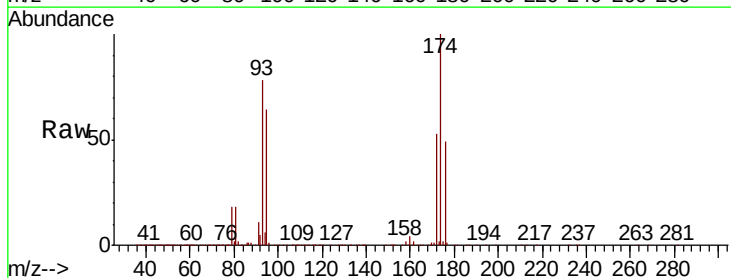
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

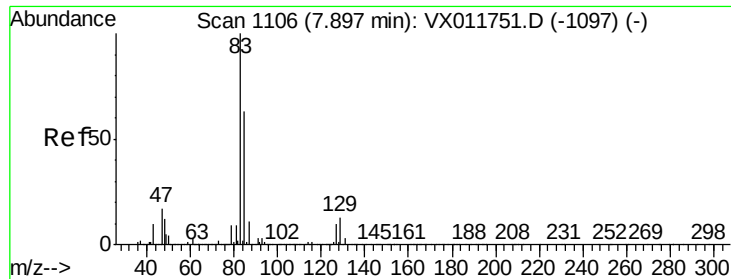
Tgt Ion: 63 Resp: 160842
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 44.120 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Tgt Ion: 93 Resp: 116380
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.2
 174 133.9 104.2 156.4

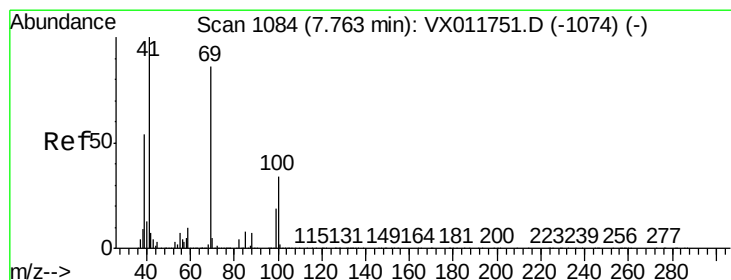
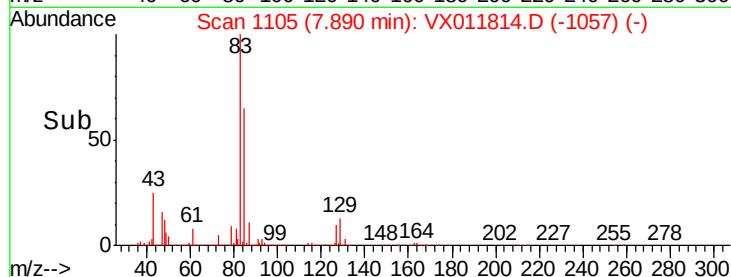
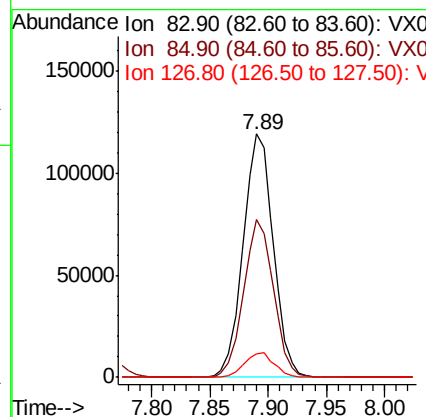
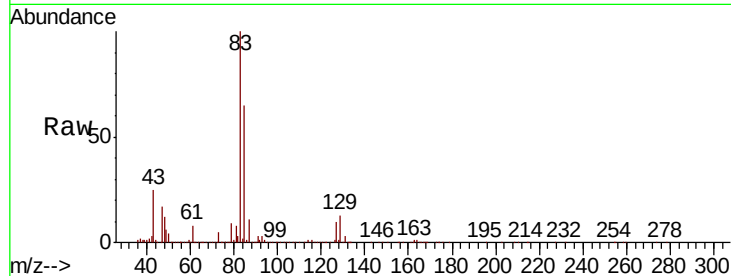




#47
 Bromodichloromethane
 Concen: 45.193 ug/l
 RT: 7.89 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

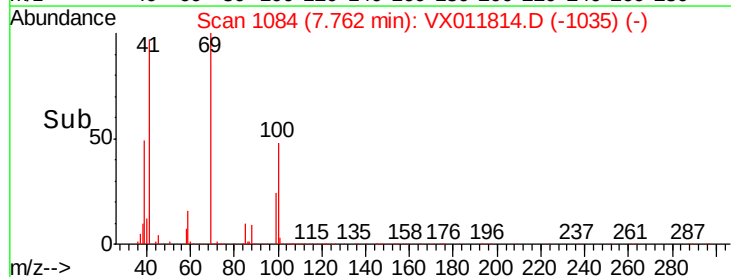
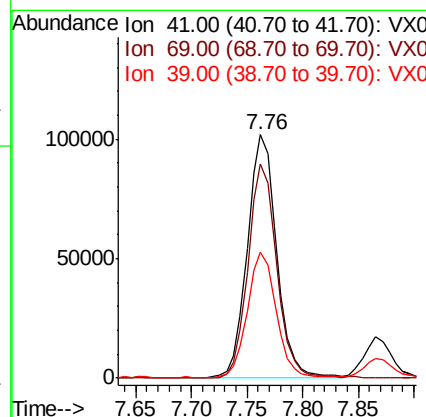
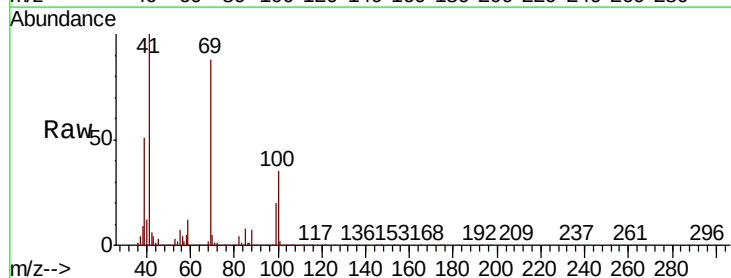
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

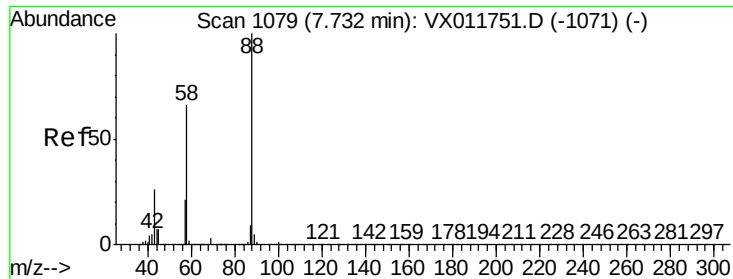
Tgt Ion:	83	Resp:	214596
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.6	76.0
127	9.8	8.4	12.6



#48
 Methyl methacrylate
 Concen: 47.130 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Tgt Ion:	41	Resp:	184860
Ion	Ratio	Lower	Upper
41	100		
69	87.2	69.4	104.2
39	51.2	43.6	65.4

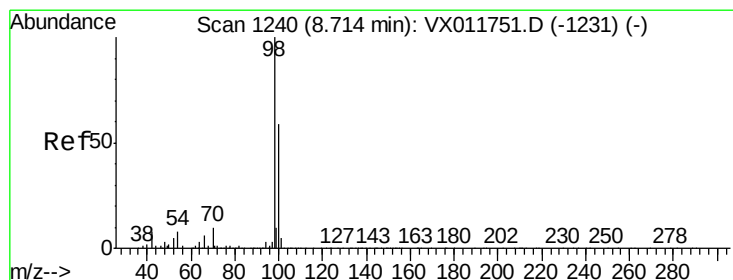
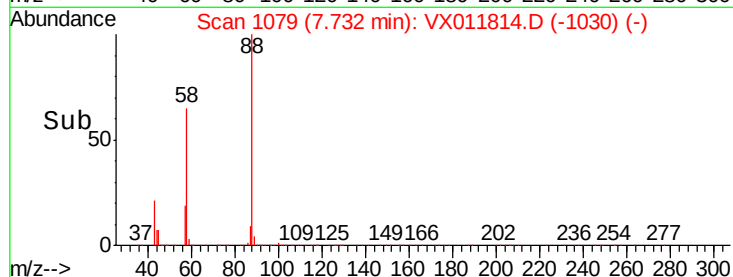
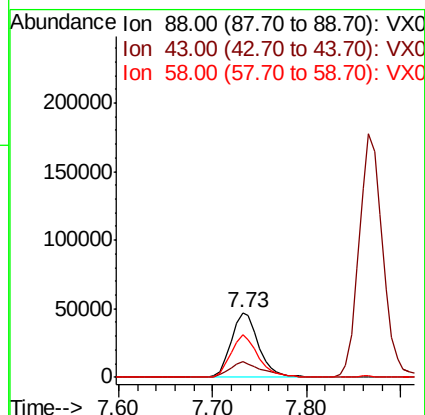
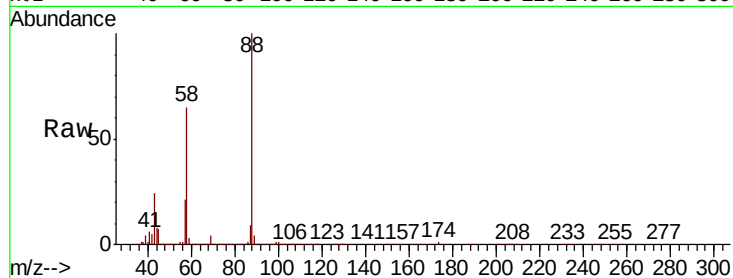




#49
1,4-Dioxane
Concen: 878.415 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

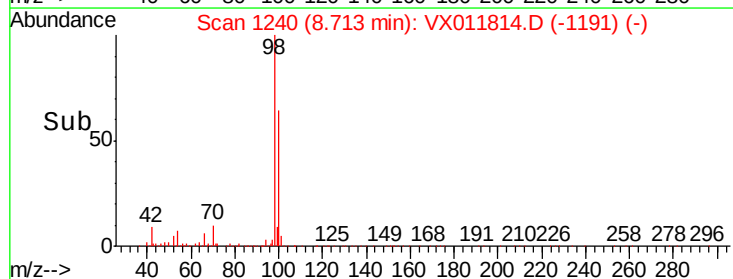
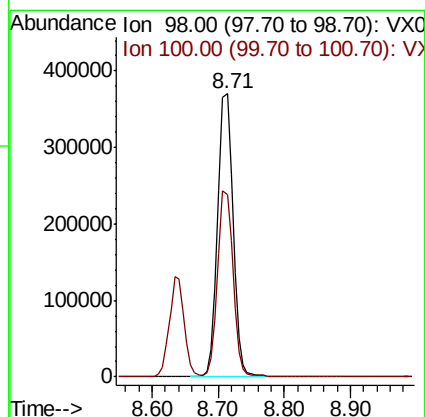
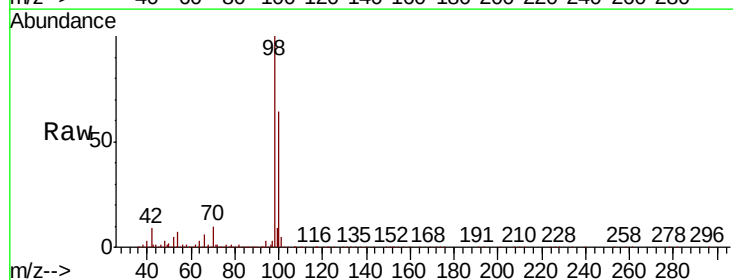
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

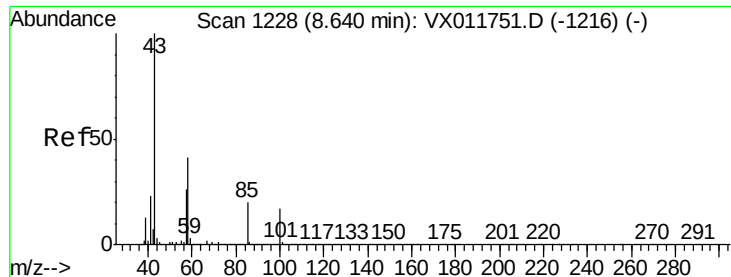
Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.8	24.6	37.0
58	65.1	51.4	77.2



#50
Toluene-d8
Concen: 45.053 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 228.666 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

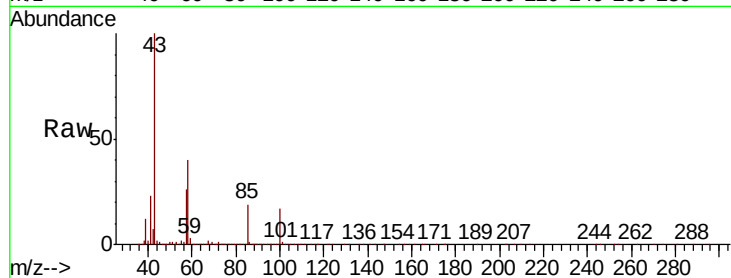
VSTDCCC050

Tgt Ion: 43 Resp: 1187519

Ion Ratio Lower Upper

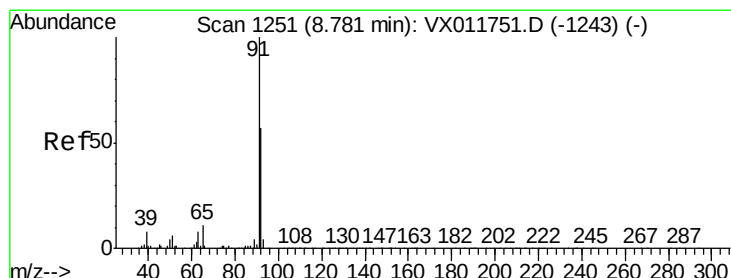
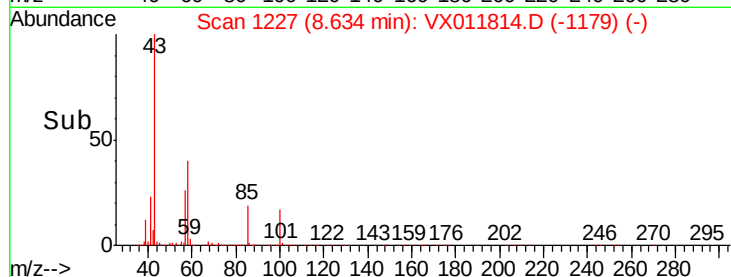
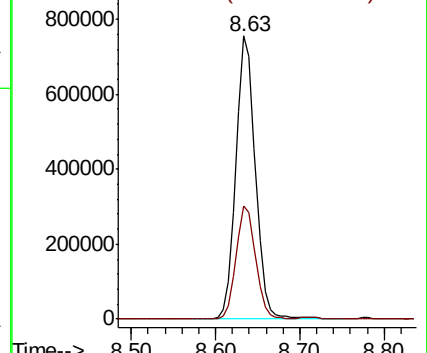
43 100

58 40.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 43.117 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011814.D

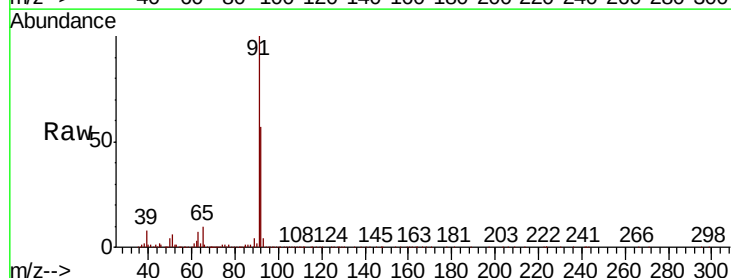
Acq: 24 Aug 2019 13:08

Tgt Ion: 92 Resp: 397169

Ion Ratio Lower Upper

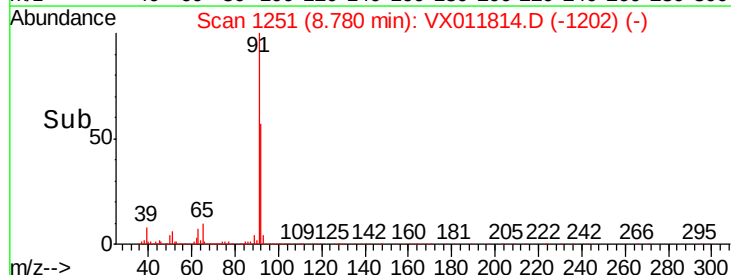
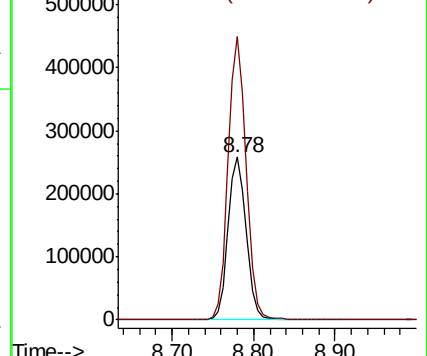
92 100

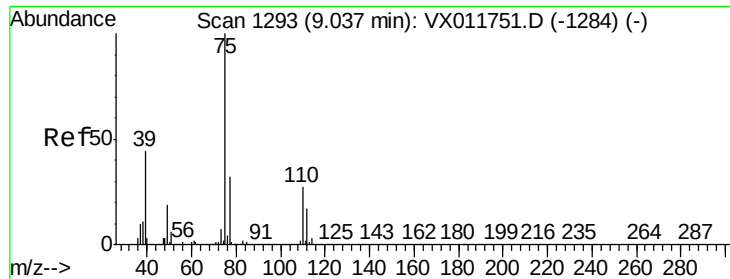
91 173.8 138.6 207.8



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: 42.764 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

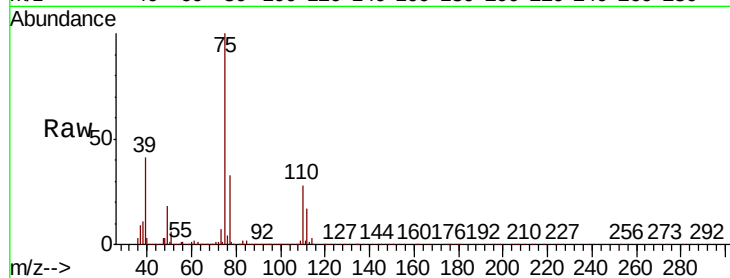
VSTDCCC050

Tgt Ion: 75 Resp: 213171

Ion Ratio Lower Upper

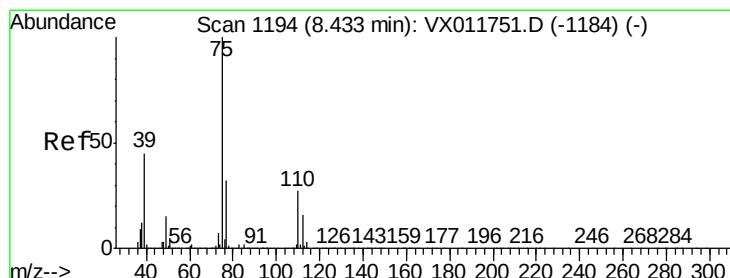
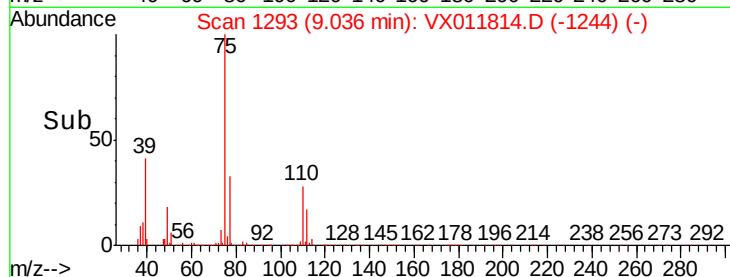
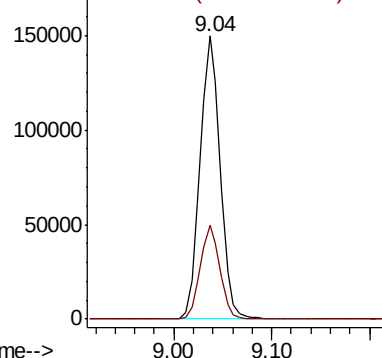
75 100

77 33.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 42.753 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

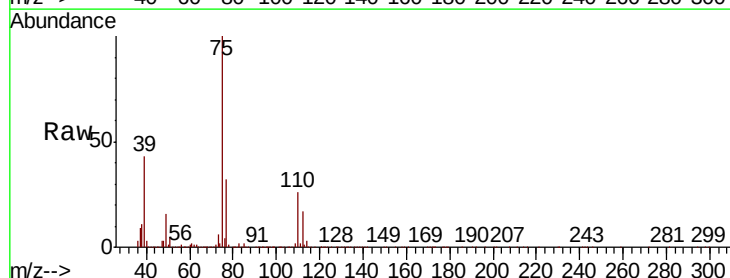
Tgt Ion: 75 Resp: 232492

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

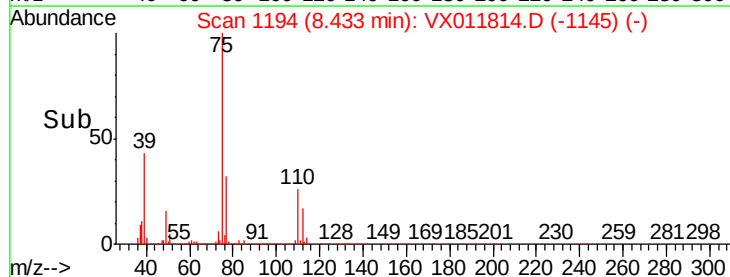
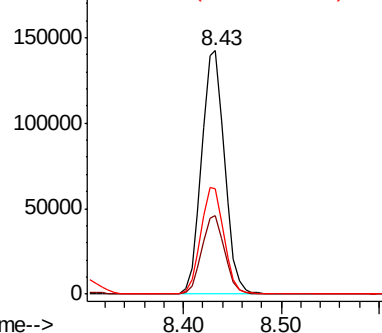
39 43.1 36.2 54.4

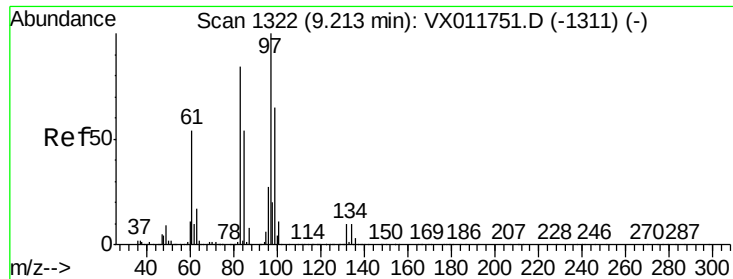


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

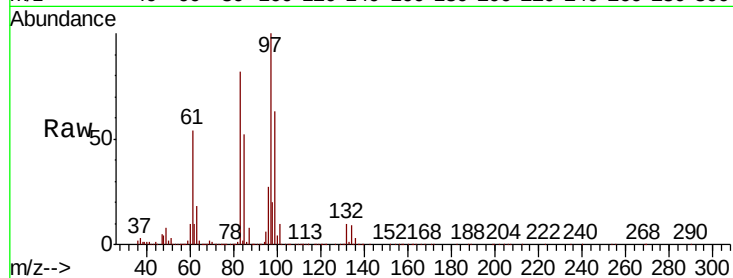




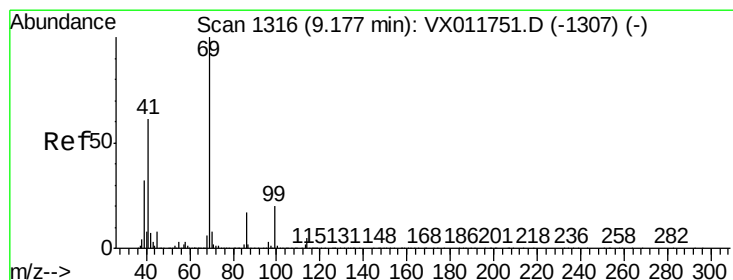
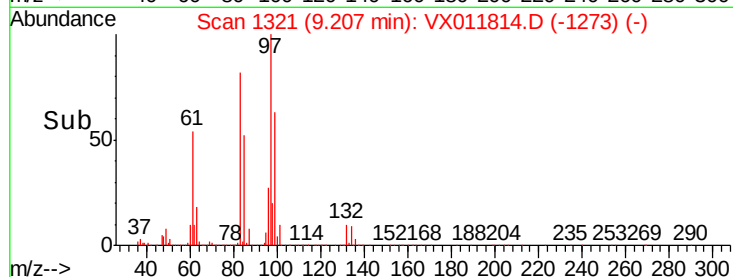
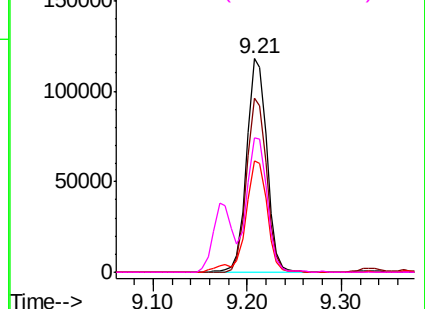
#55
 1,1,2-Trichloroethane
 Concen: 45.790 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	175727
Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.3	100.9
85	52.1	43.4	65.2
99	62.7	51.8	77.6

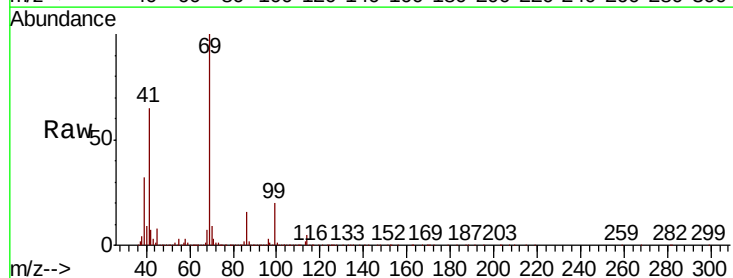


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

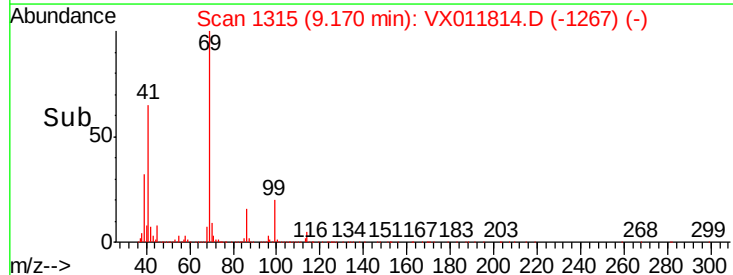
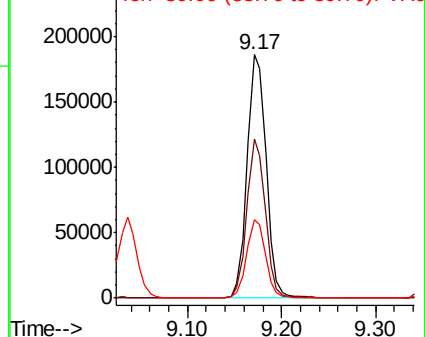


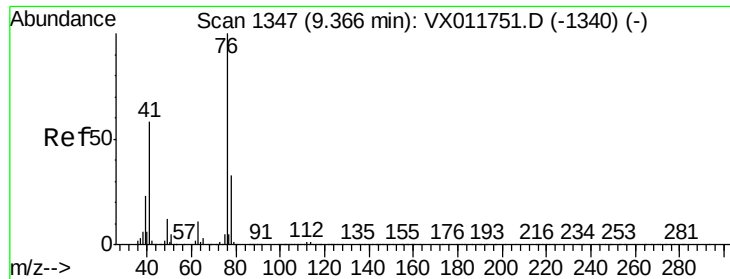
#56
 Ethyl methacrylate
 Concen: 48.297 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Tgt Ion:	69	Resp:	263599
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.7	76.1
39	31.7	26.4	39.6



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

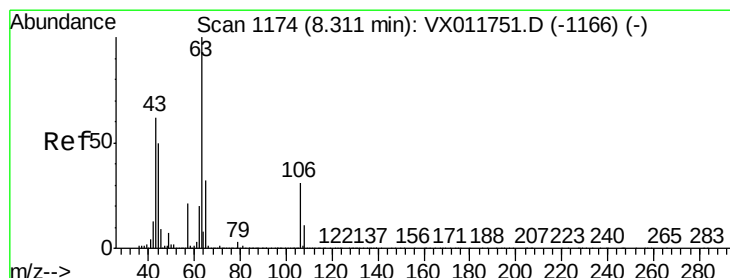
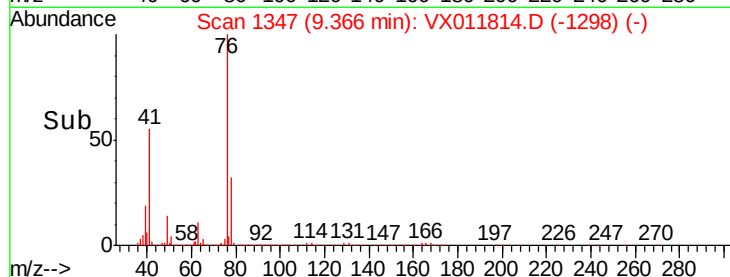
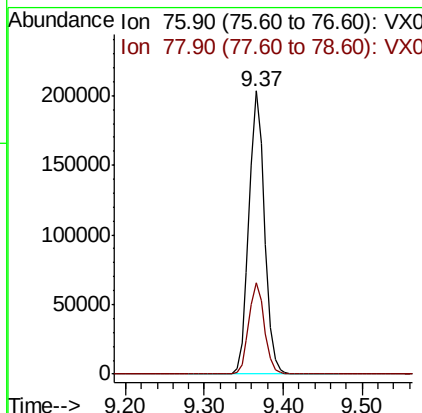
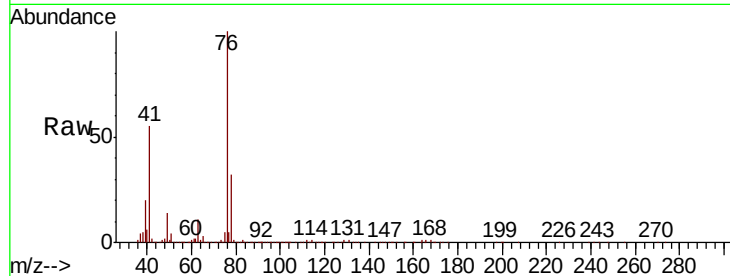




#57
 1,3-Dichloropropane
 Concen: 45.173 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

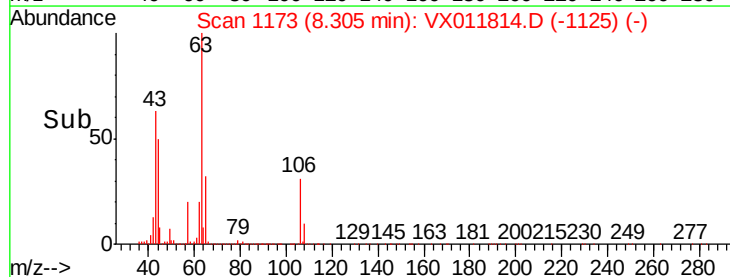
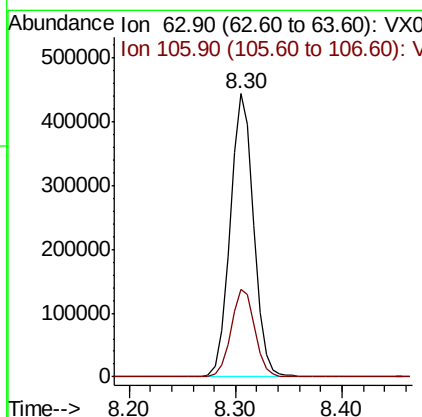
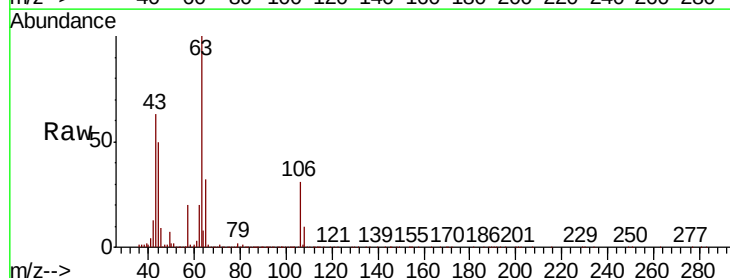
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

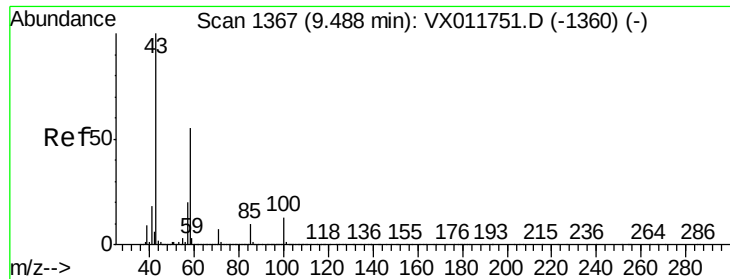
Tgt Ion: 76 Resp: 279929
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.6 39.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.904 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Tgt Ion: 63 Resp: 685904
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.9 37.3

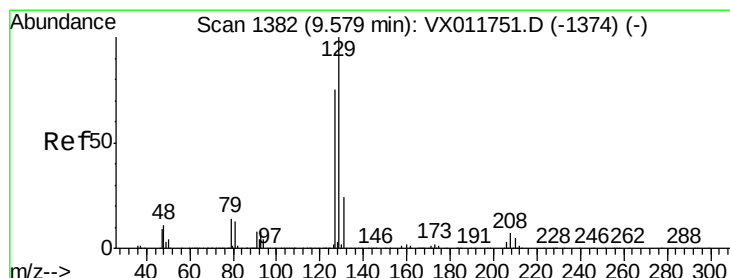
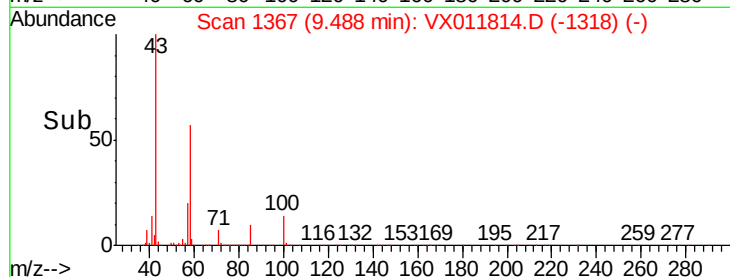
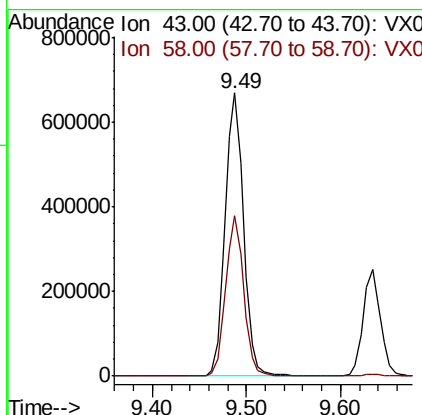
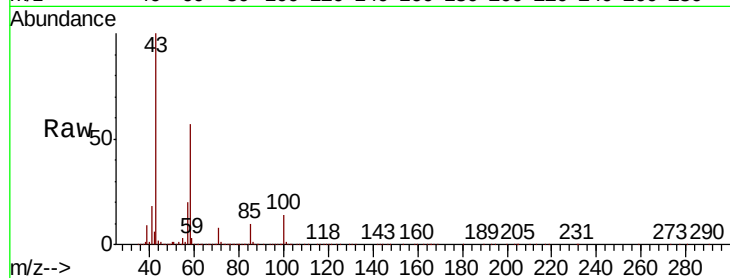




#59
2-Hexanone
Concen: 227.704 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

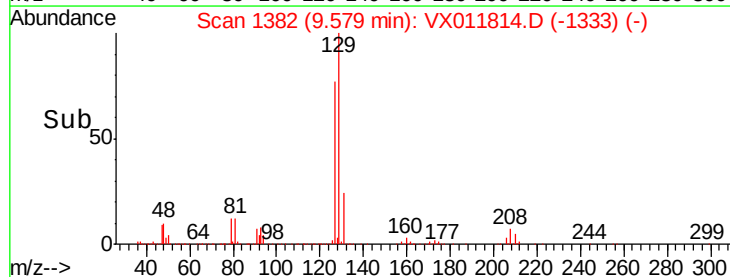
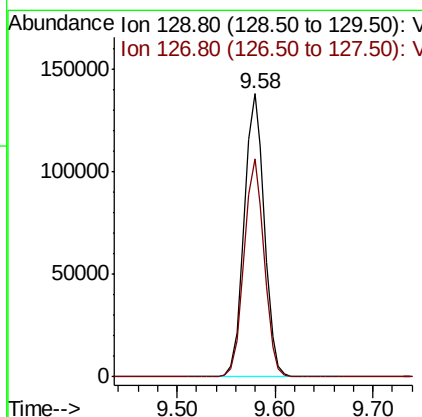
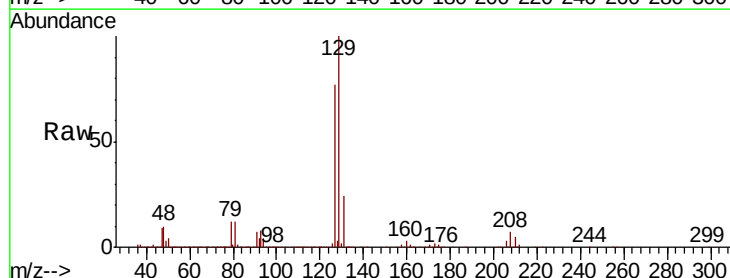
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

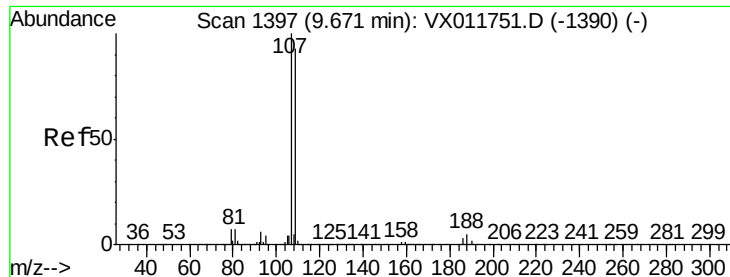
Tgt Ion: 43 Resp: 907622
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 47.548 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion: 129 Resp: 197292
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 46.816 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

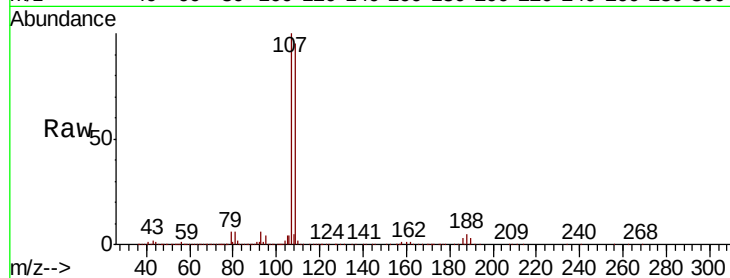
VSTDCCC050

Tgt Ion: 107 Resp: 192783

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

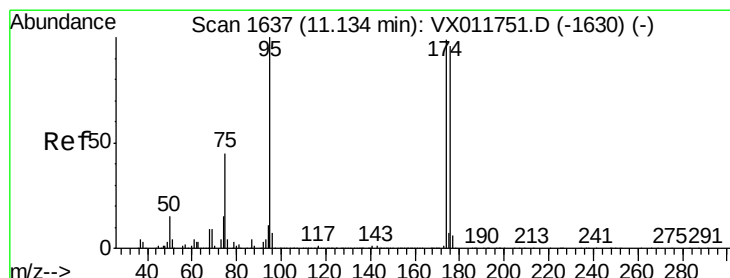
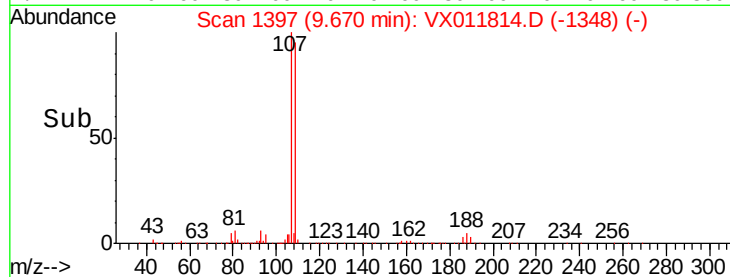
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.057 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

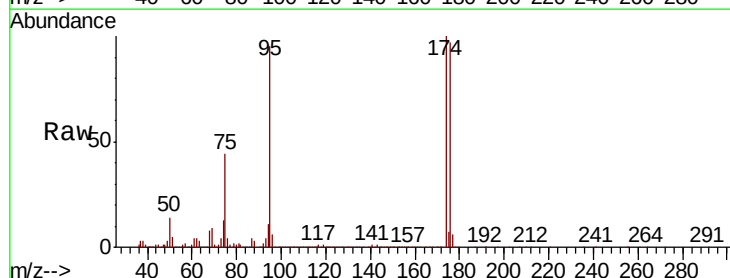
Tgt Ion: 95 Resp: 225244

Ion Ratio Lower Upper

95 100

174 102.6 0.0 197.4

176 100.3 0.0 194.4



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

250000

200000

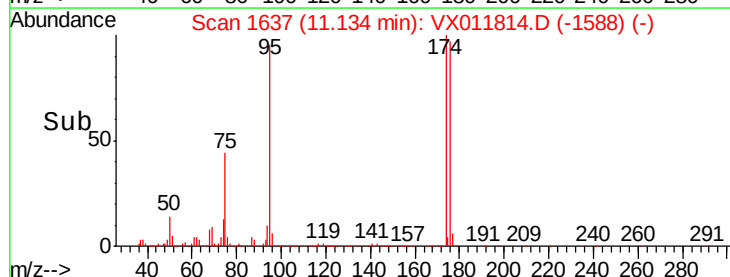
150000

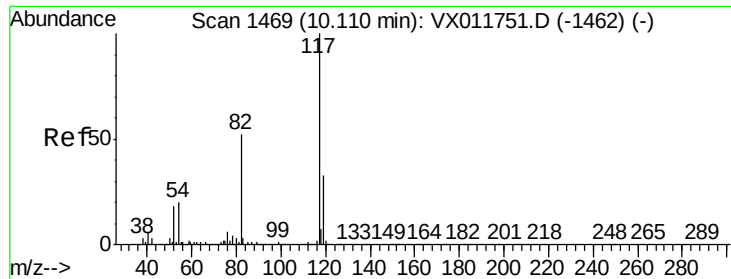
100000

50000

0

Time-->

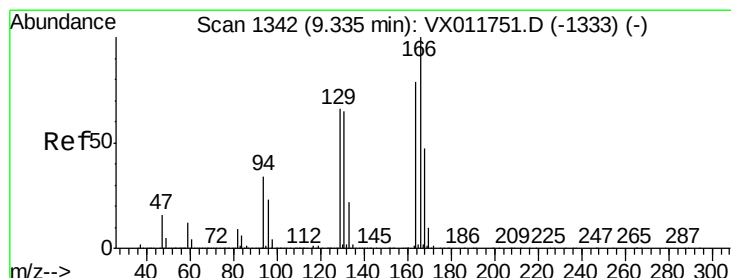
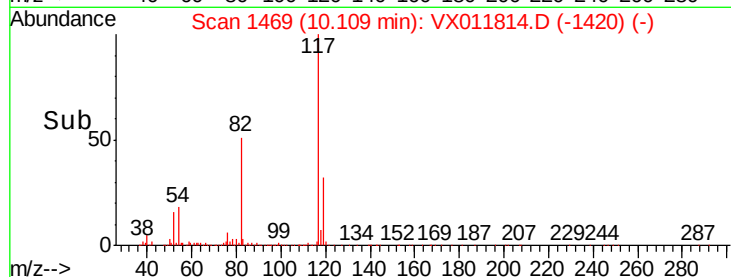
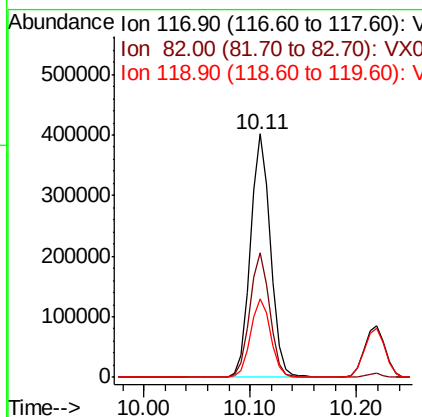
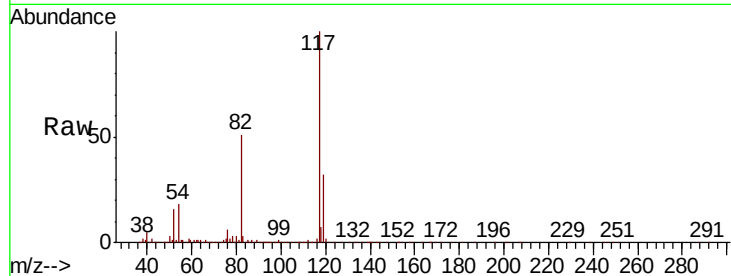




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

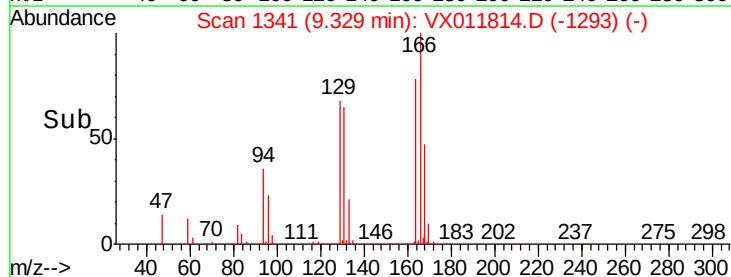
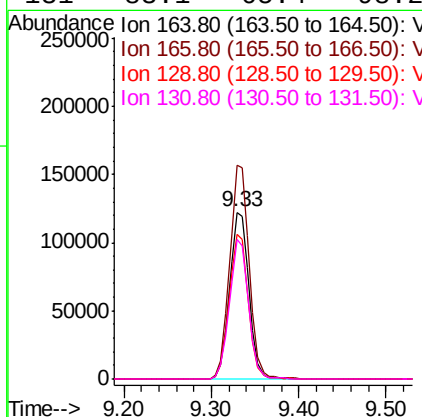
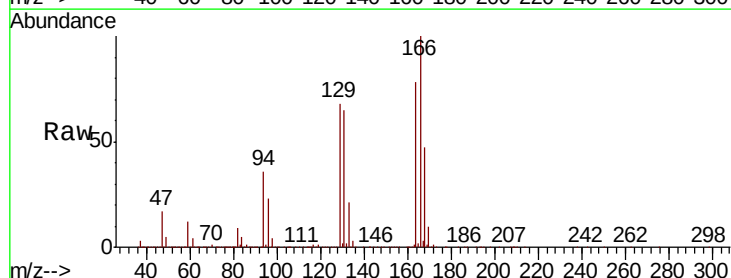
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

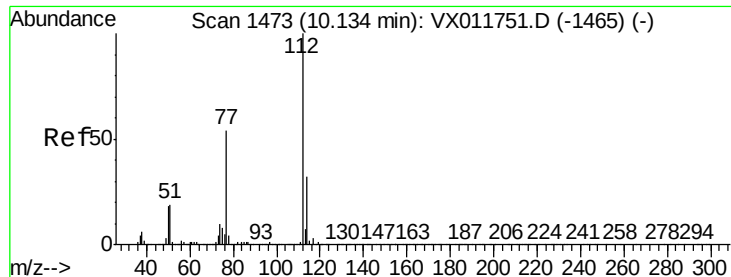
Tgt Ion:117 Resp: 530889
Ion Ratio Lower Upper
117 100
82 51.1 41.7 62.5
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 44.437 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion:164 Resp: 188207
Ion Ratio Lower Upper
164 100
166 127.9 100.7 151.1
129 86.9 66.8 100.2
131 83.1 65.4 98.2

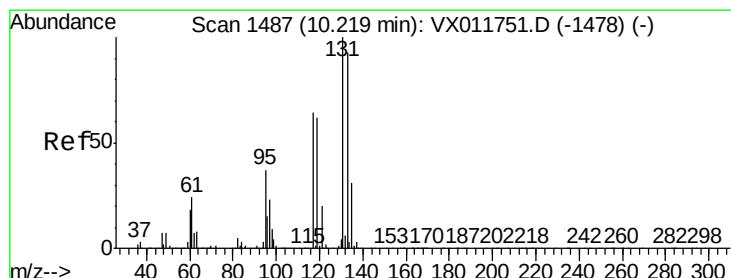
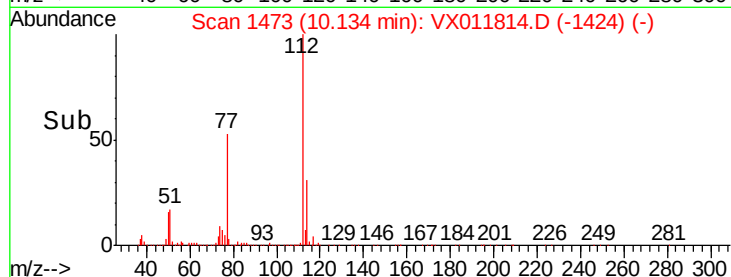
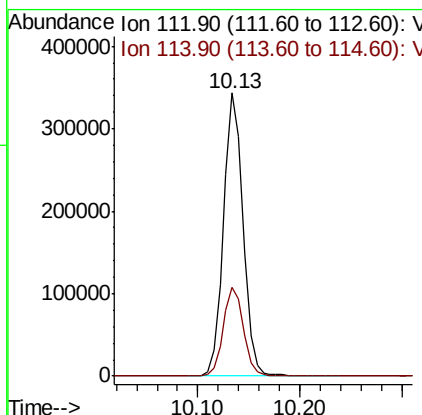
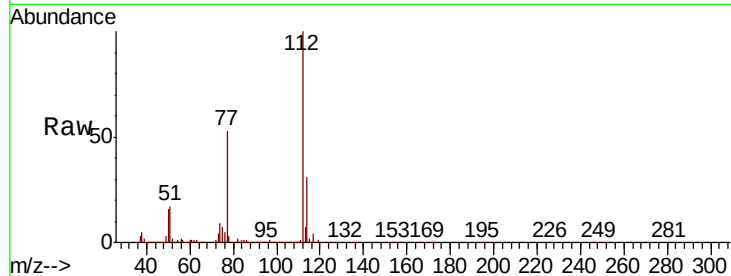




#65
Chlorobenzene
Concen: 44.095 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

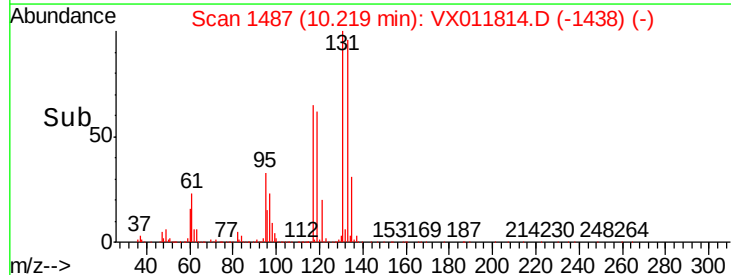
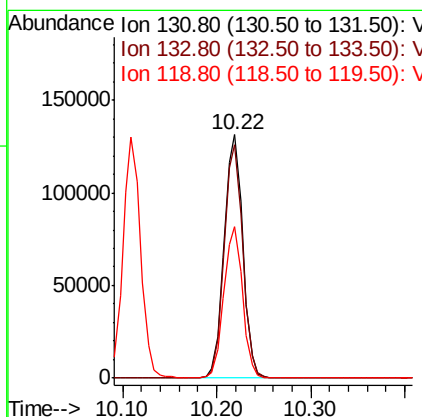
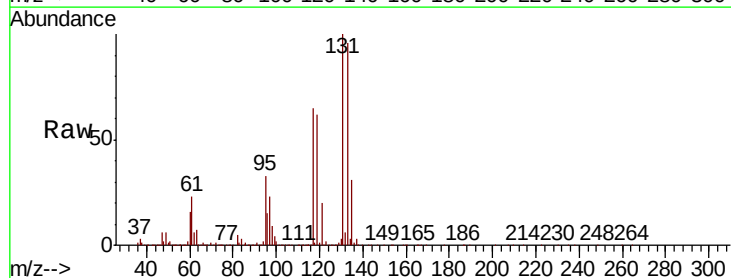
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

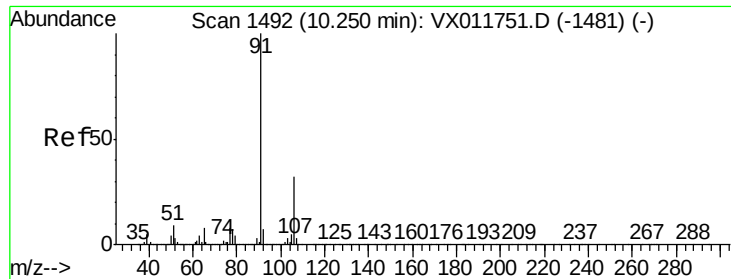
Tgt Ion:112 Resp: 457036
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 46.418 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion:131 Resp: 180258
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 62.1 31.3 93.8





#67

Ethyl Benzene

Concen: 42.736 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

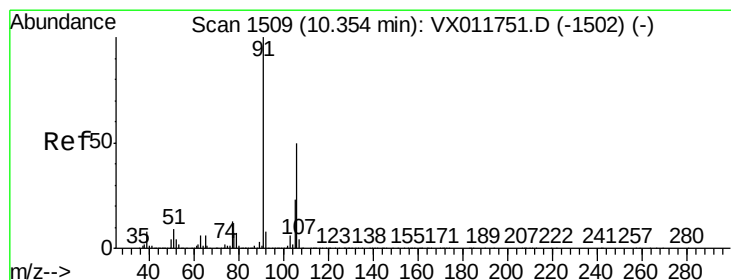
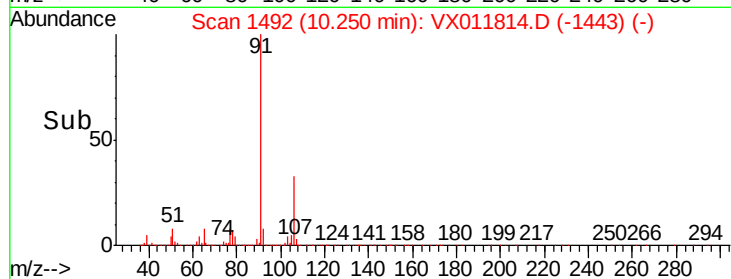
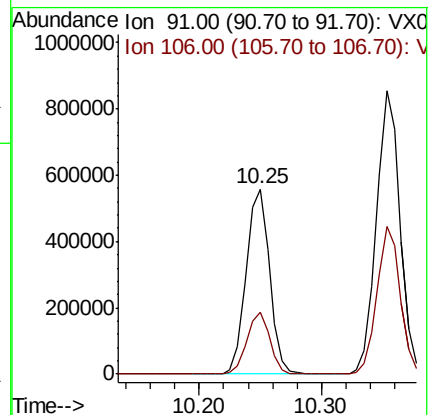
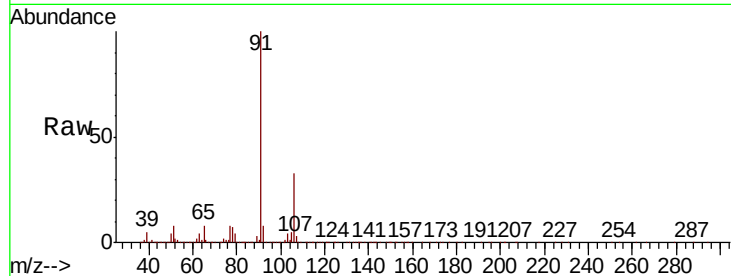
VSTDCCC050

Tgt Ion: 91 Resp: 740224

Ion Ratio Lower Upper

91 100

106 33.4 25.5 38.3



#68

m/p-Xylenes

Concen: 88.730 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011814.D

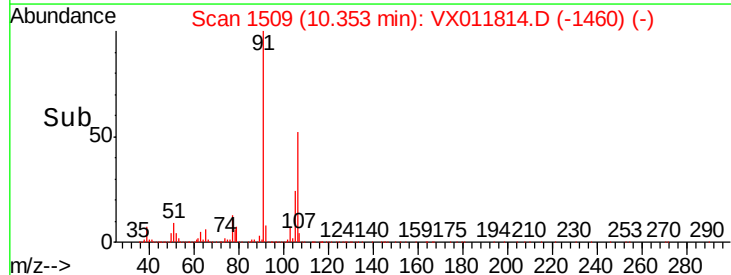
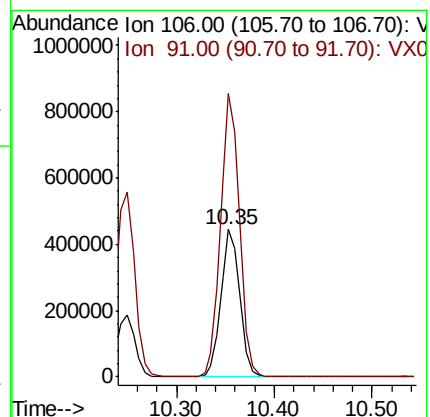
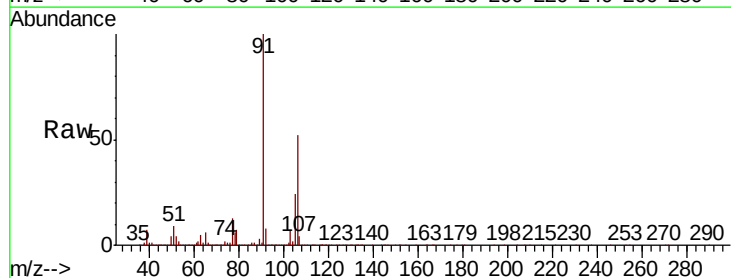
Acq: 24 Aug 2019 13:08

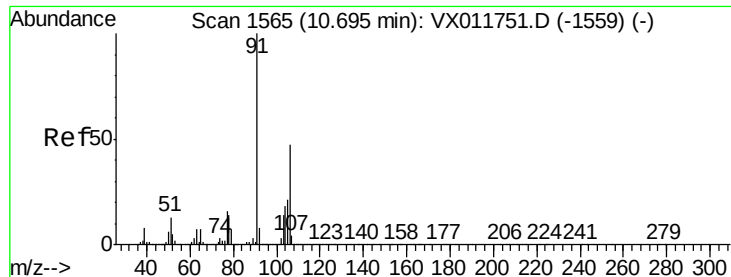
Tgt Ion: 106 Resp: 592590

Ion Ratio Lower Upper

106 100

91 193.3 158.3 237.5

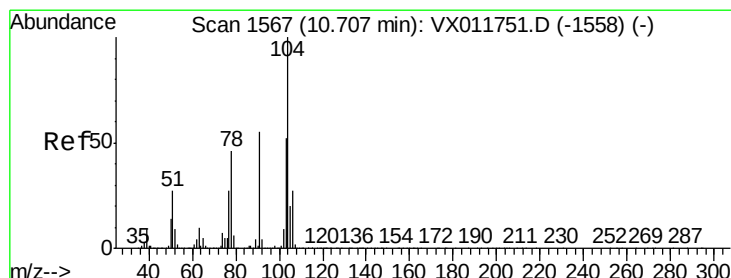
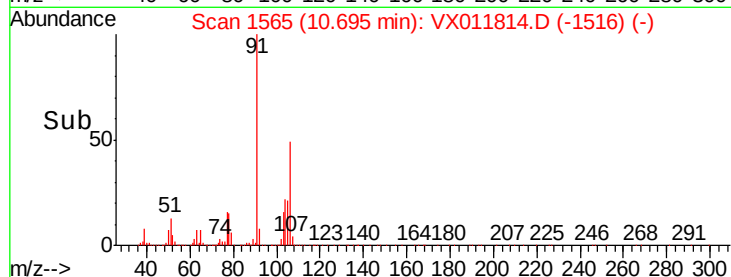
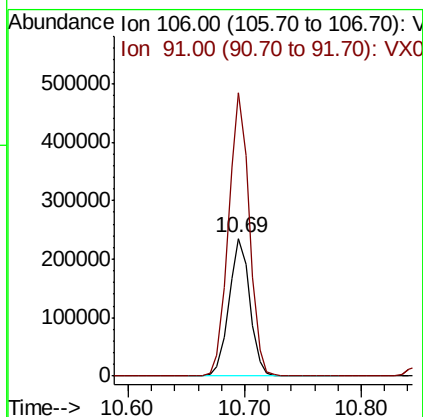
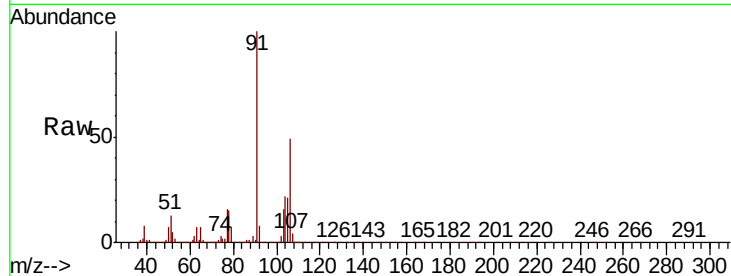




#69
o-Xylene
Concen: 44.584 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

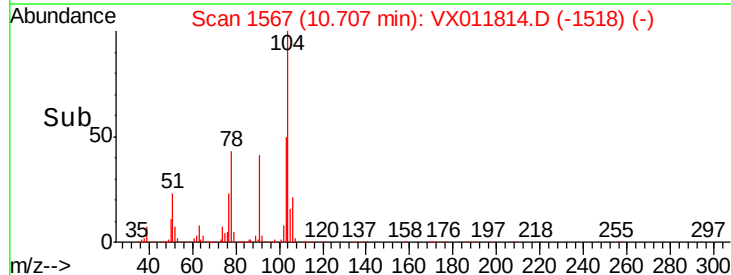
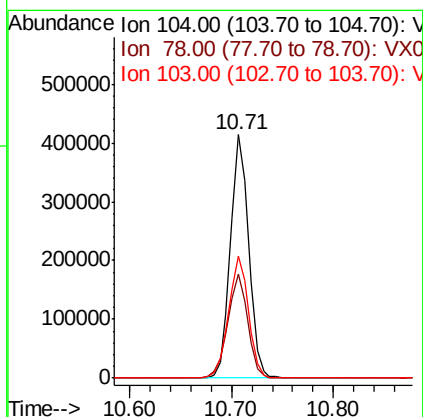
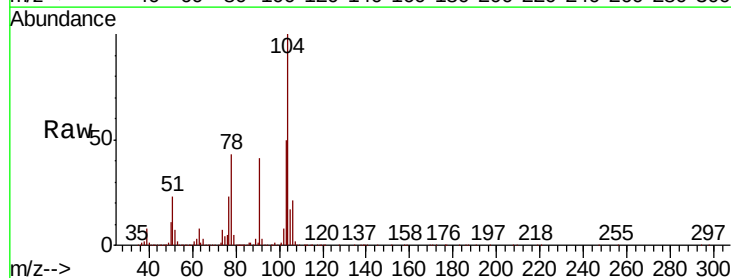
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

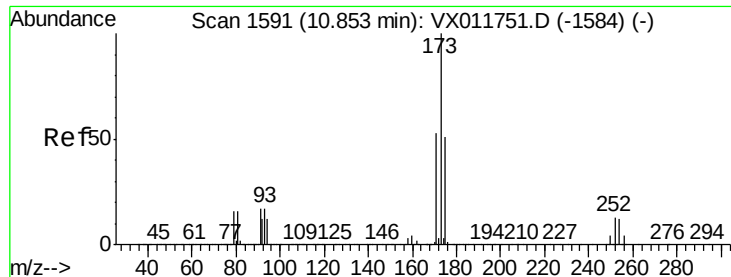
Tgt Ion:106 Resp: 292344
Ion Ratio Lower Upper
106 100
91 205.2 105.0 314.9



#70
Styrene
Concen: 46.537 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion:104 Resp: 510473
Ion Ratio Lower Upper
104 100
78 46.8 39.2 58.8
103 54.7 44.5 66.7





#71

Bromoform

Concen: 47.961 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

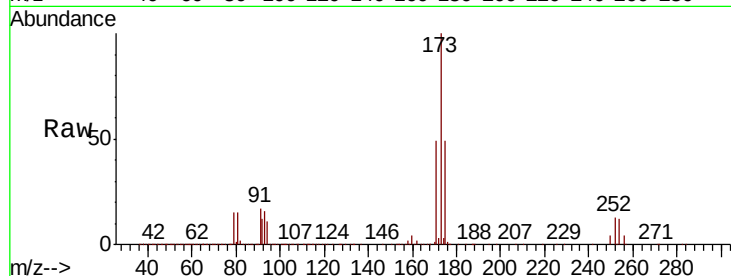
Tgt Ion:173 Resp: 160673

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

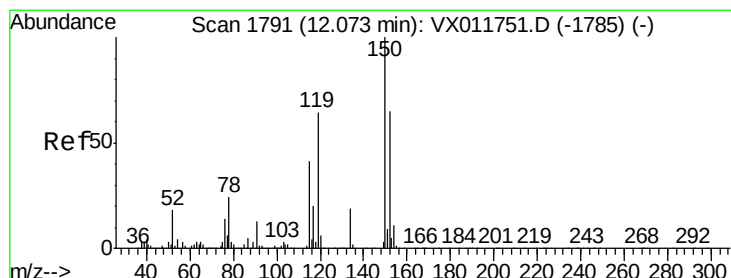
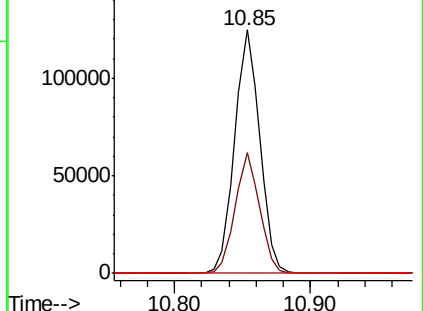
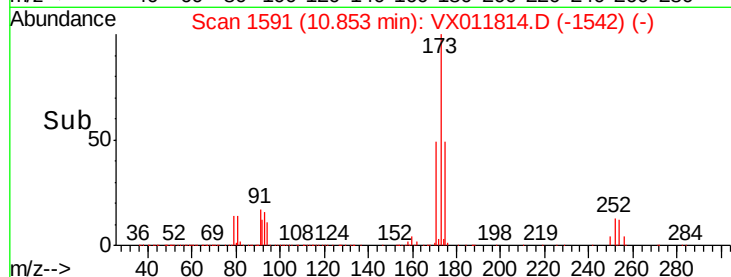
254 0.1 0.2 0.4#



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: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

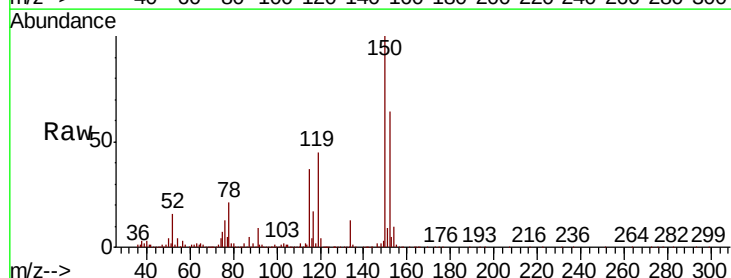
Tgt Ion:152 Resp: 292721

Ion Ratio Lower Upper

152 100

115 69.1 37.3 111.8

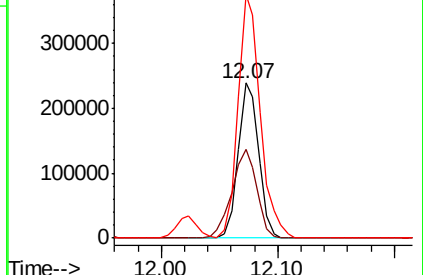
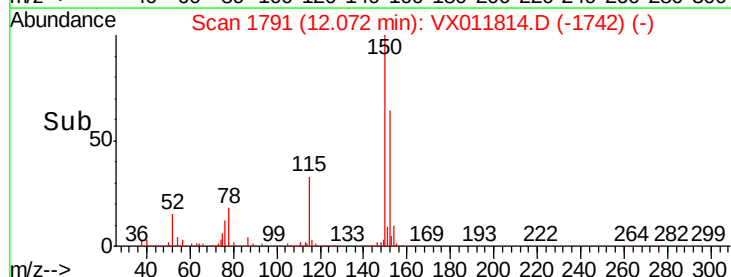
150 170.3 0.0 343.0

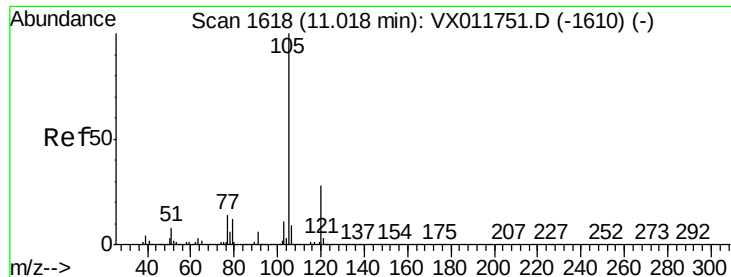


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 41.947 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

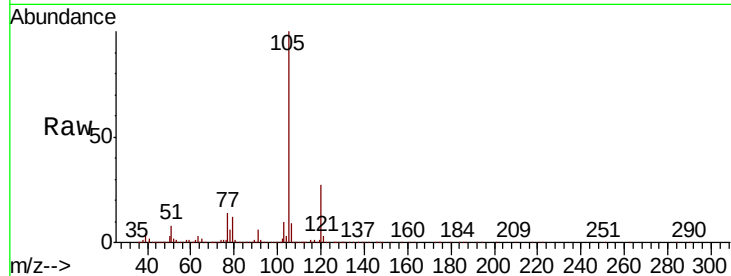
VSTDCCC050

Tgt Ion: 105 Resp: 739952

Ion Ratio Lower Upper

105 100

120 28.0 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

600000

400000

200000

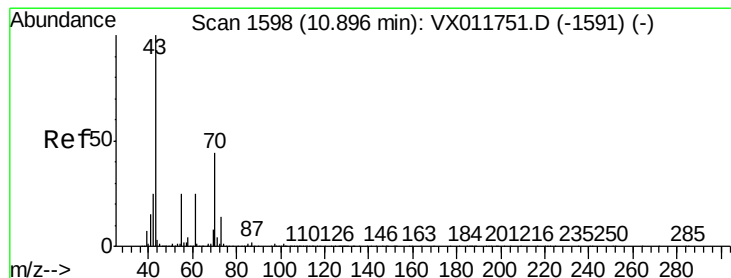
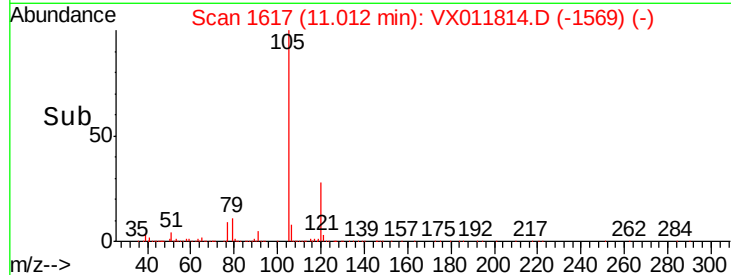
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 46.715 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Tgt Ion: 43 Resp: 319042

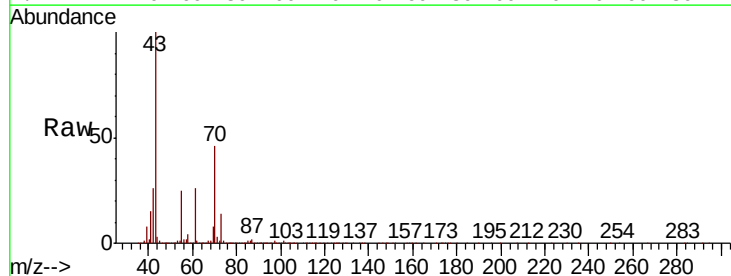
Ion Ratio Lower Upper

43 100

70 44.8 34.8 52.2

55 25.0 19.5 29.3

61 25.1 19.8 29.6



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

400000

300000

200000

100000

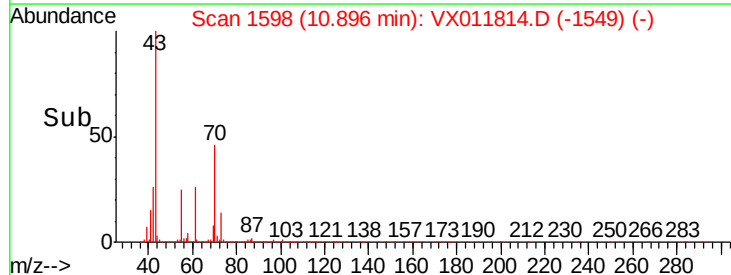
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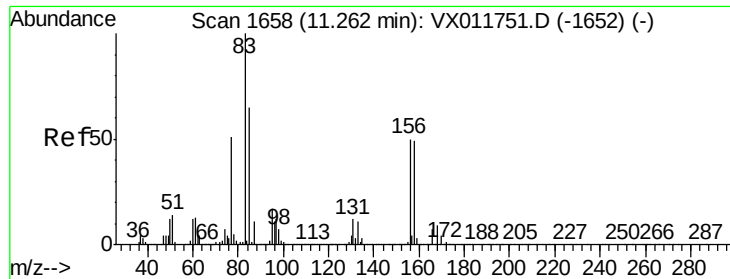
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 44.179 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

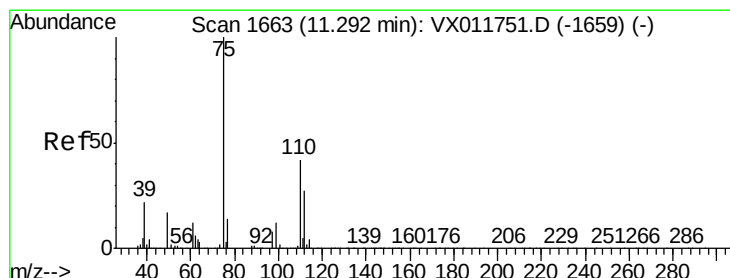
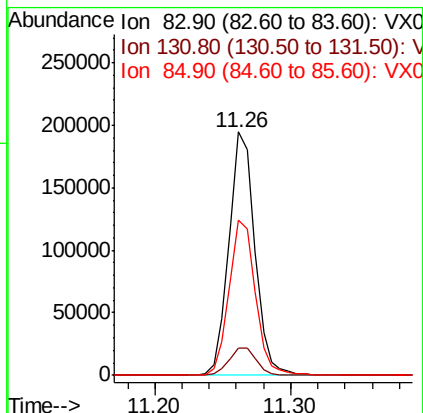
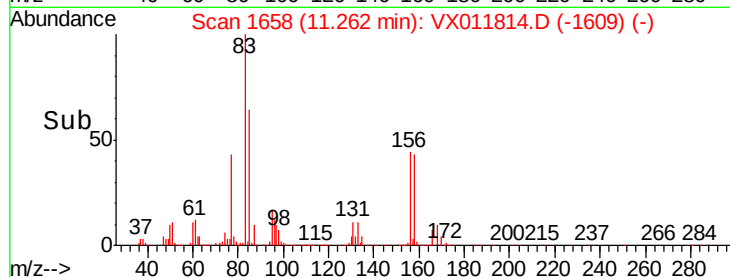
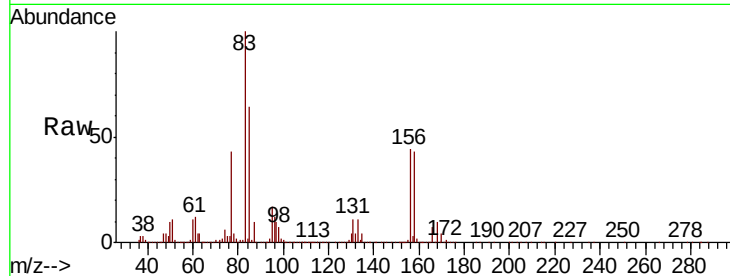
Tgt Ion: 83 Resp: 257957

Ion Ratio Lower Upper

83 100

131 12.1 6.1 18.3

85 65.0 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 53.563 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011814.D

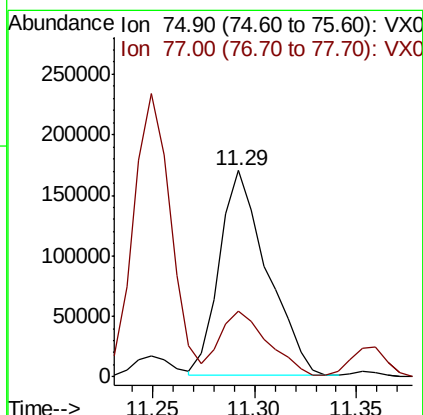
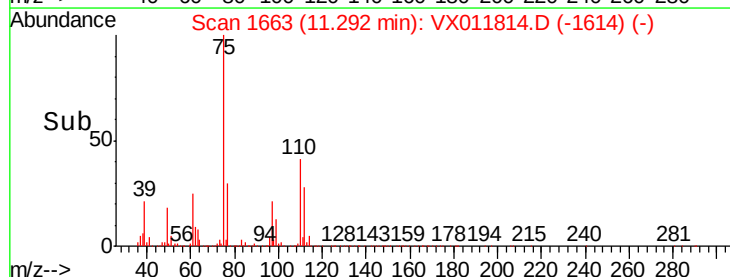
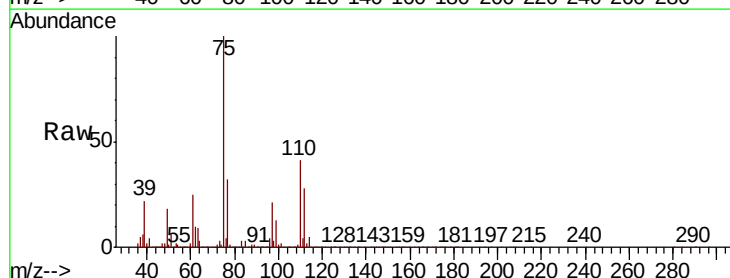
Acq: 24 Aug 2019 13:08

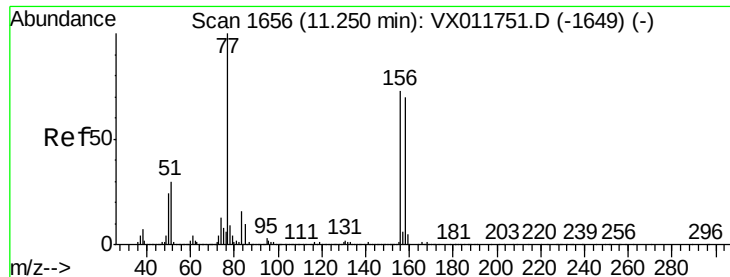
Tgt Ion: 75 Resp: 275117

Ion Ratio Lower Upper

75 100

77 32.6 21.1 63.3





#77

Bromobenzene

Concen: 45.482 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

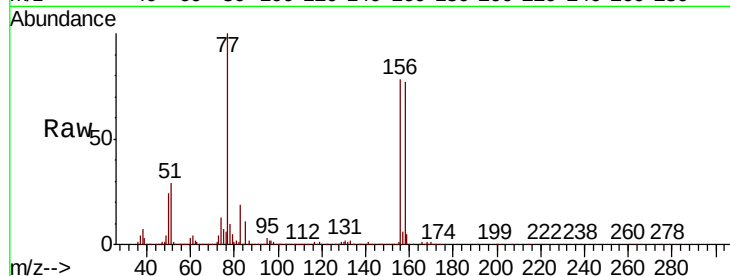
Tgt Ion:156 Resp: 236530

Ion Ratio Lower Upper

156 100

77 125.6 65.3 196.0

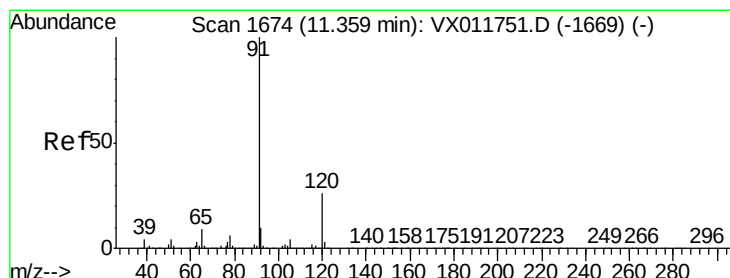
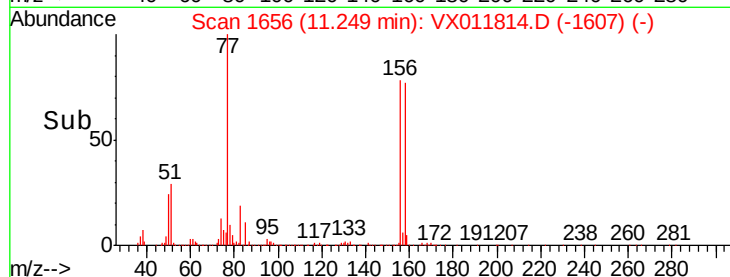
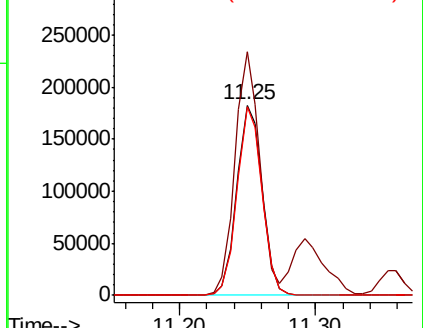
158 97.7 48.4 145.0



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: 42.547 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011814.D

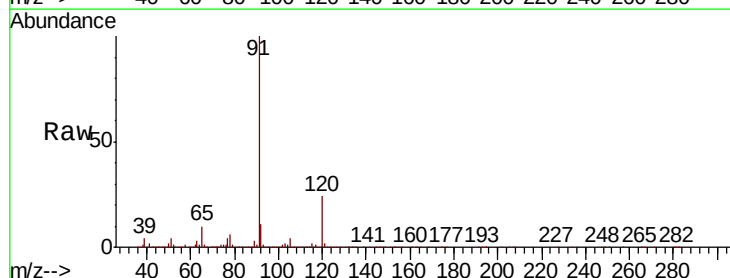
Acq: 24 Aug 2019 13:08

Tgt Ion: 91 Resp: 802546

Ion Ratio Lower Upper

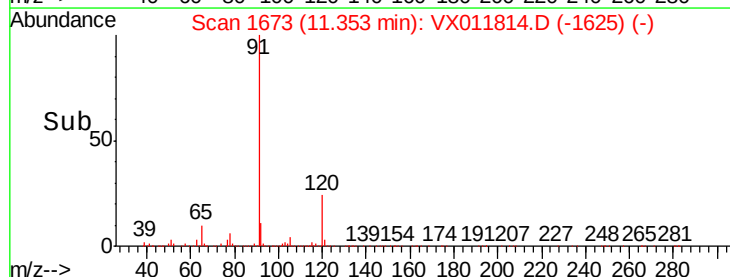
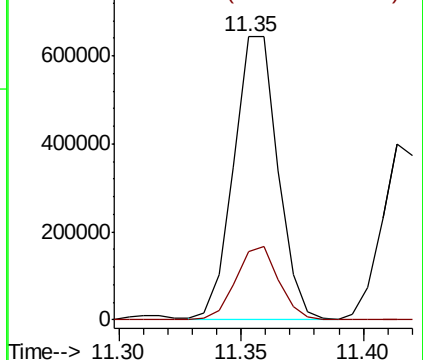
91 100

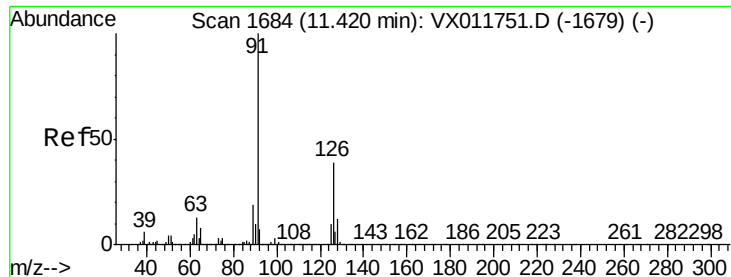
120 25.3 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.609 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

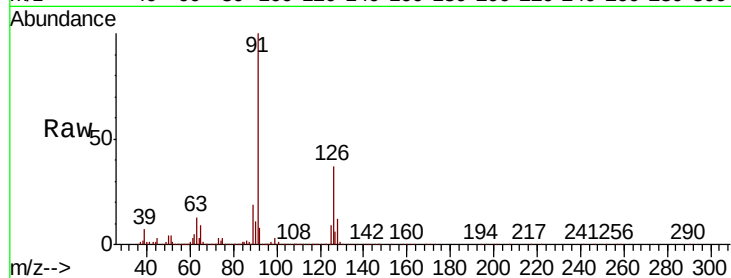
VSTDCCC050

Tgt Ion: 91 Resp: 500019

Ion Ratio Lower Upper

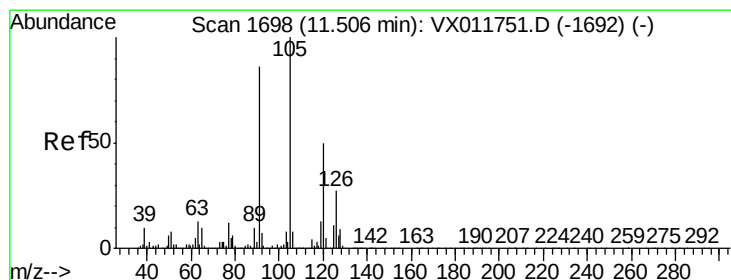
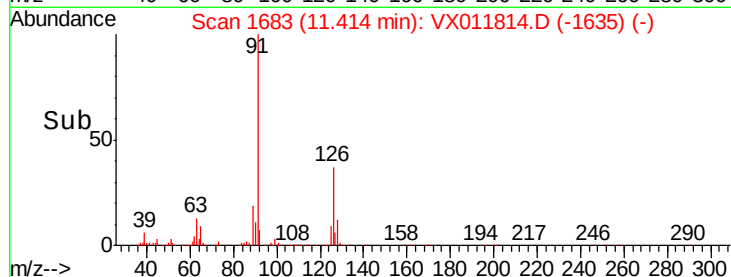
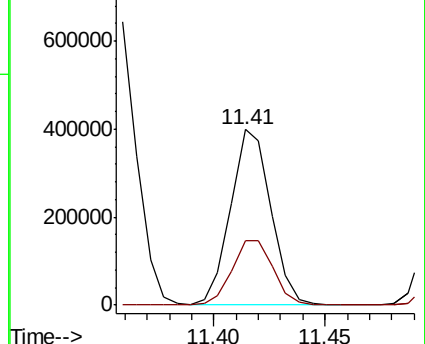
91 100

126 38.1 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 43.997 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011814.D

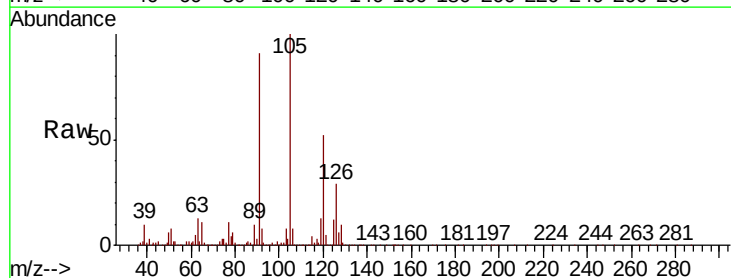
Acq: 24 Aug 2019 13:08

Tgt Ion: 105 Resp: 647561

Ion Ratio Lower Upper

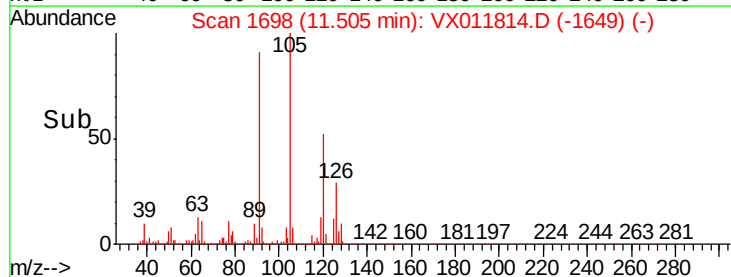
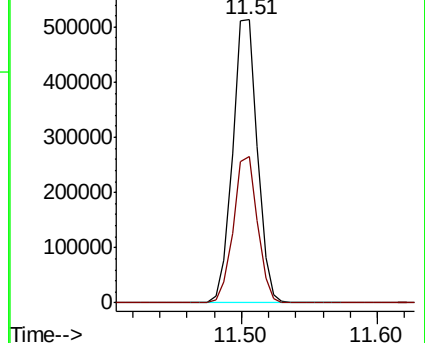
105 100

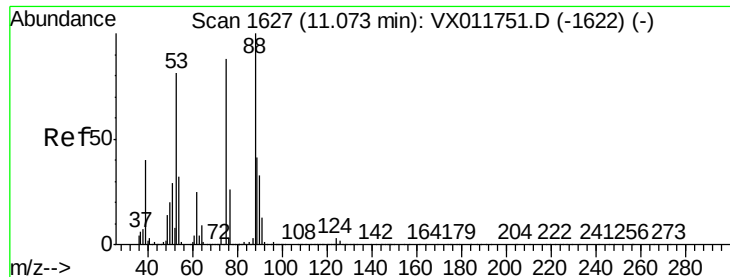
120 50.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 37.032 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

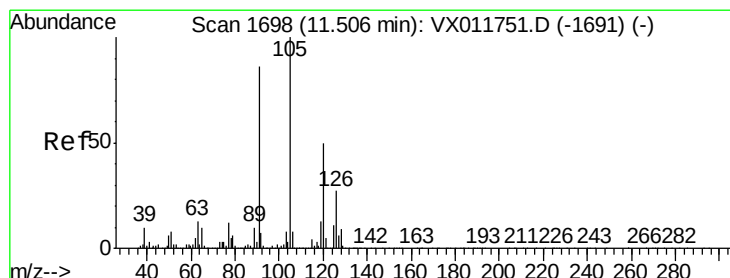
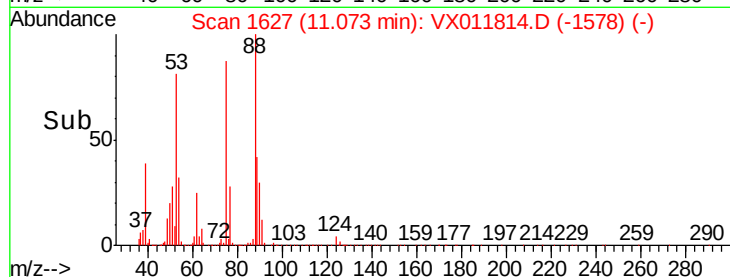
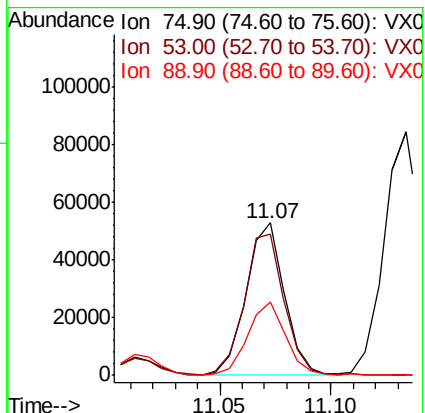
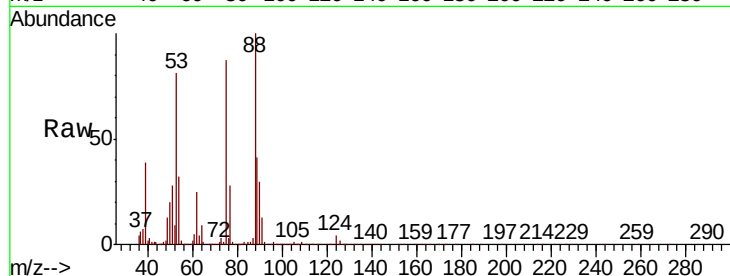
Tgt Ion: 75 Resp: 63071

Ion Ratio Lower Upper

75 100

53 97.2 77.1 115.7

89 47.5 38.5 57.7



#82

4-Chlorotoluene

Concen: 43.381 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011814.D

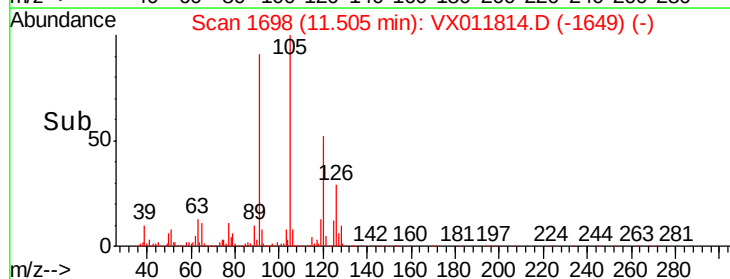
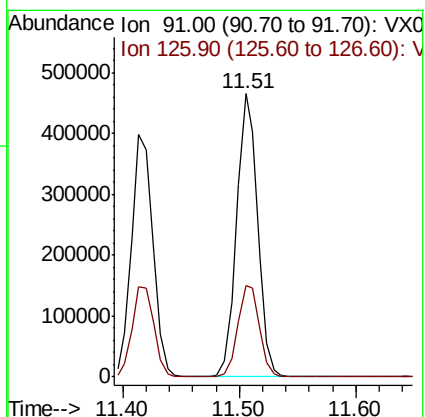
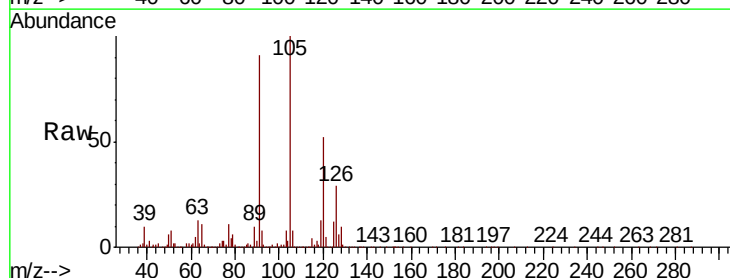
Acq: 24 Aug 2019 13:08

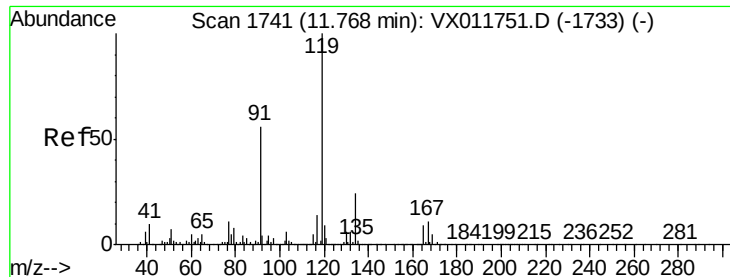
Tgt Ion: 91 Resp: 586809

Ion Ratio Lower Upper

91 100

126 33.1 16.2 48.6





#83

tert-Butylbenzene

Concen: 43.690 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

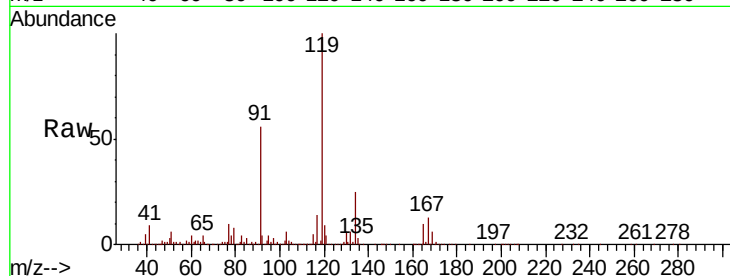
Tgt Ion:119 Resp: 634436

Ion Ratio Lower Upper

119 100

91 53.4 27.7 83.1

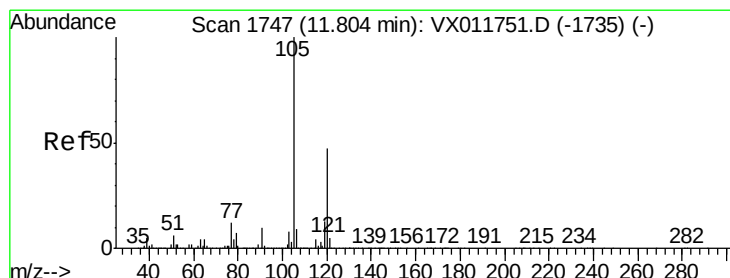
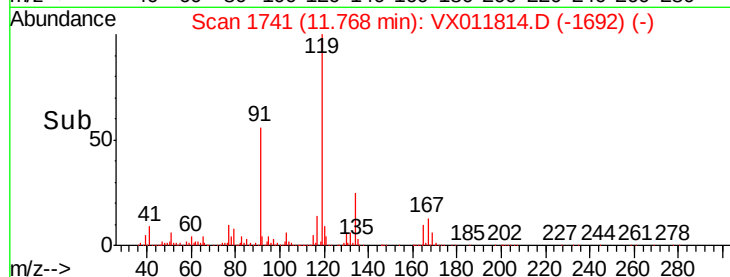
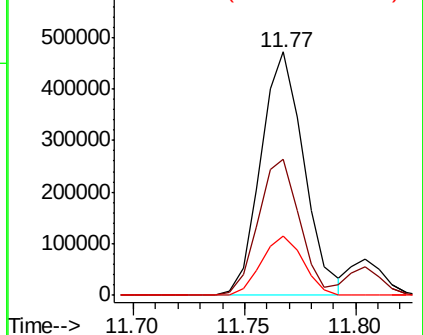
134 23.9 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 44.482 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011814.D

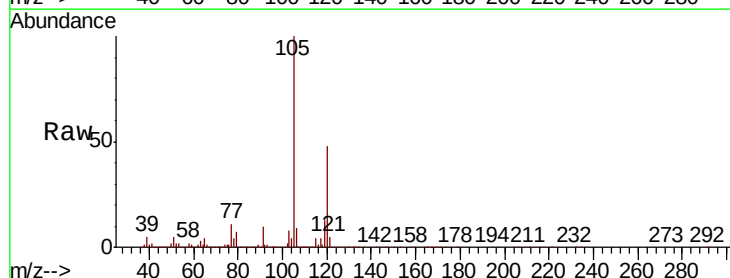
Acq: 24 Aug 2019 13:08

Tgt Ion:105 Resp: 661139

Ion Ratio Lower Upper

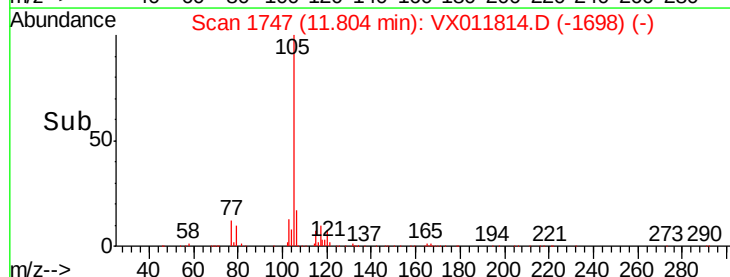
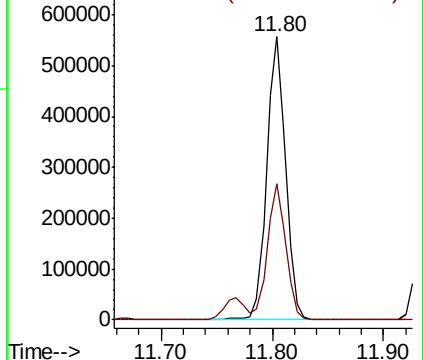
105 100

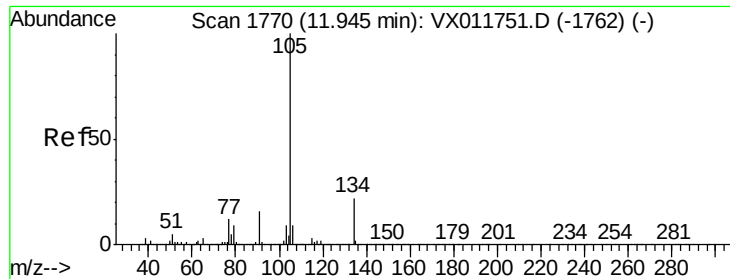
120 46.9 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 42.262 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

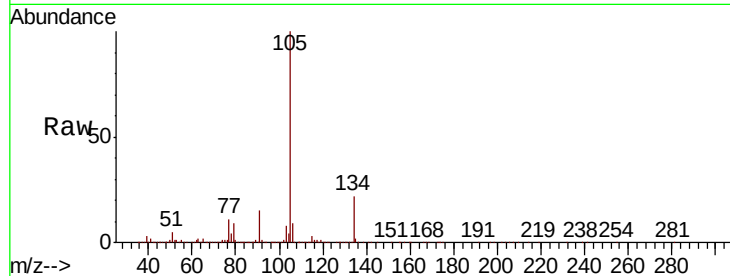
VSTDCCC050

Tgt Ion:105 Resp: 702007

Ion Ratio Lower Upper

105 100

134 22.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

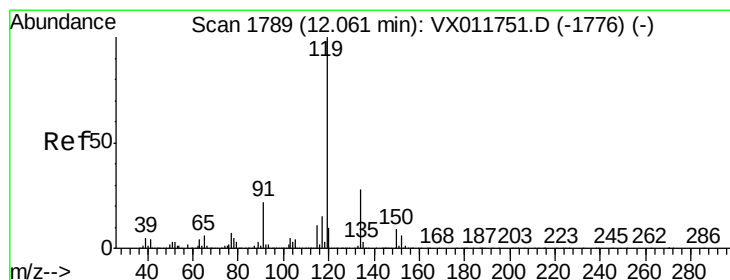
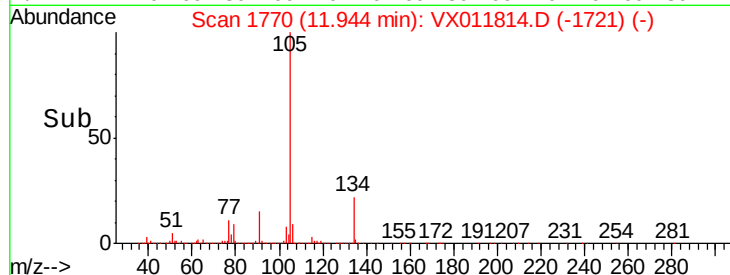
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 43.145 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

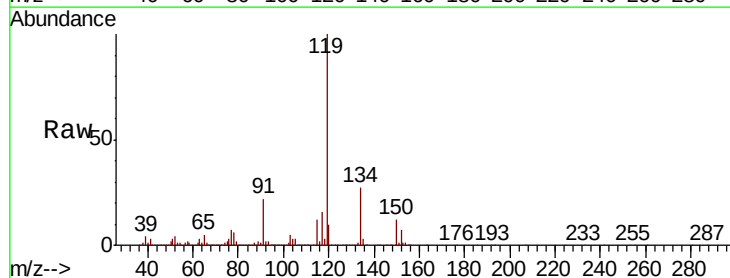
Tgt Ion:119 Resp: 689564

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 21.7 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

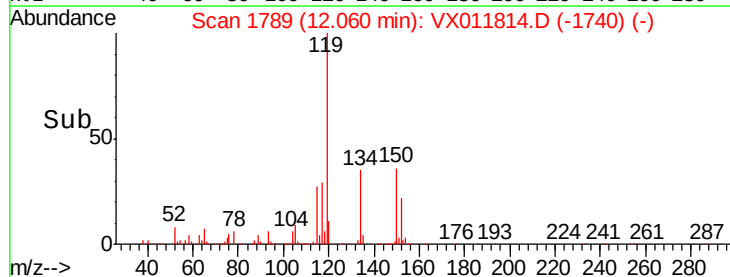
600000

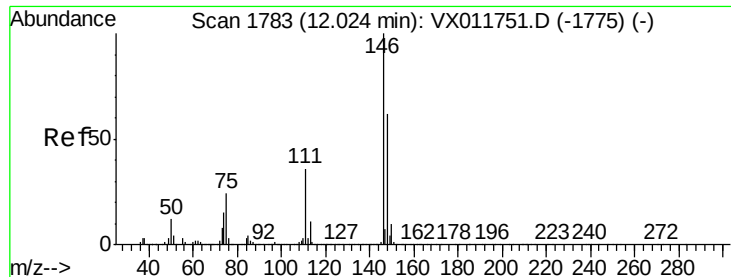
400000

200000

0

Time-->

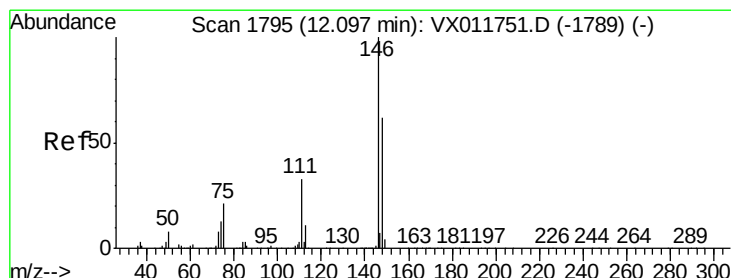
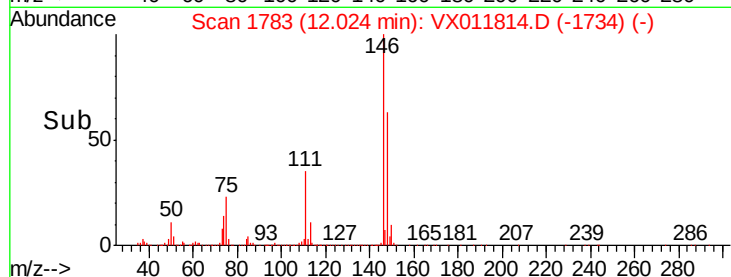
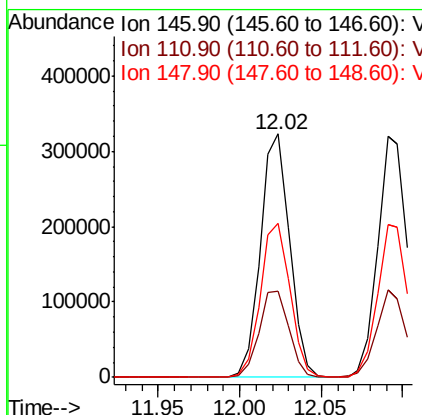
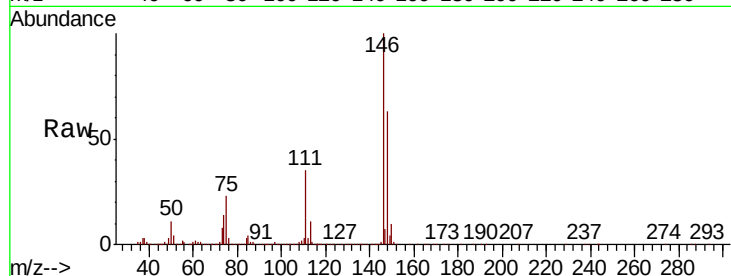




#87
 1,3-Dichlorobenzene
 Concen: 44.842 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

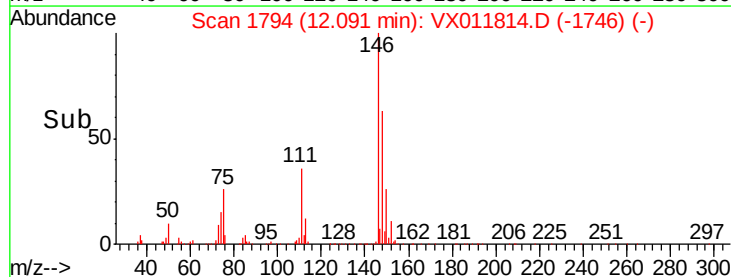
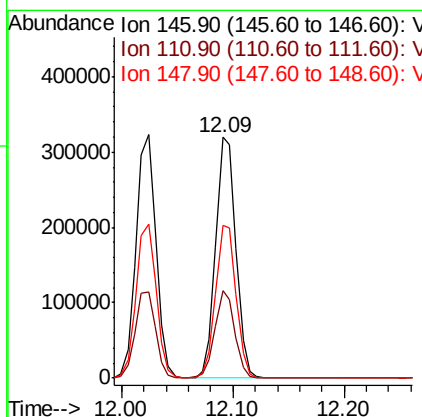
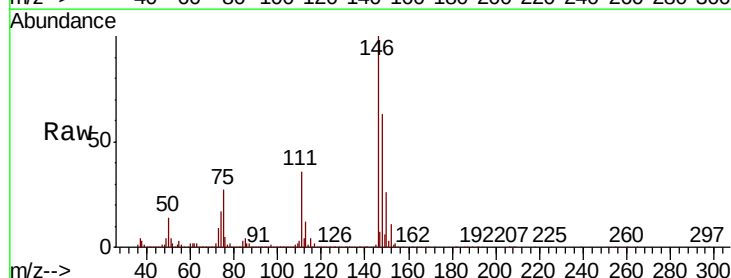
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

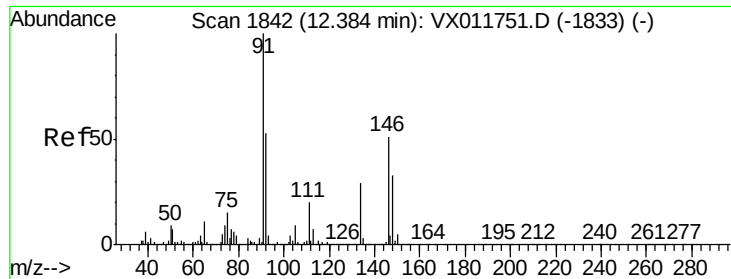
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.4
148	64.5	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 44.410 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	17.8	53.4
148	64.2	31.9	95.7

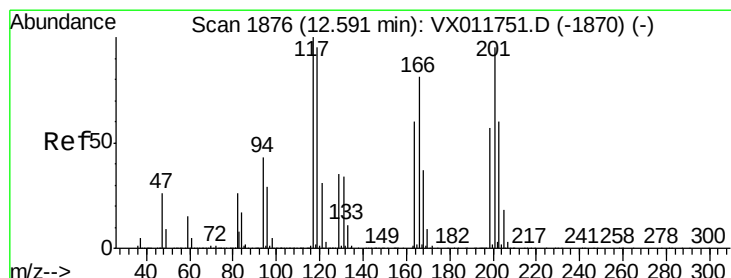
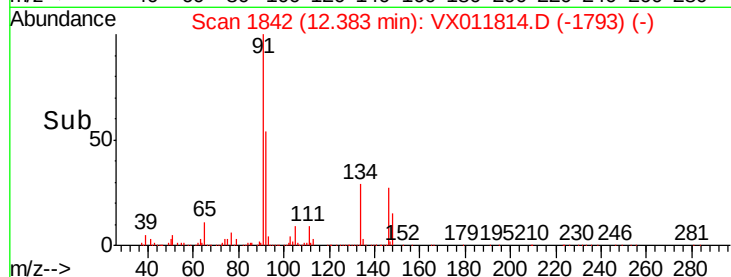
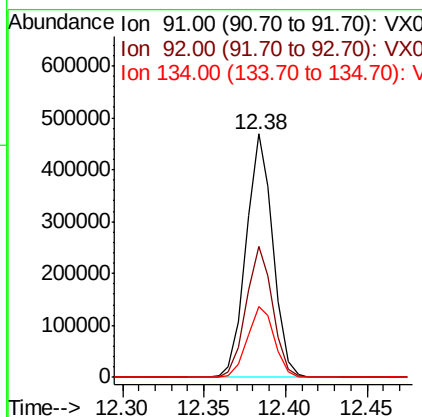
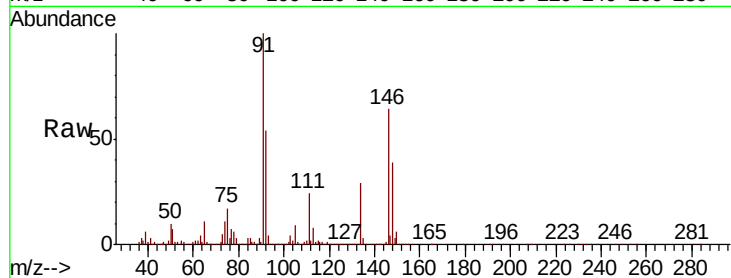




#89
n-Butylbenzene
Concen: 40.464 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

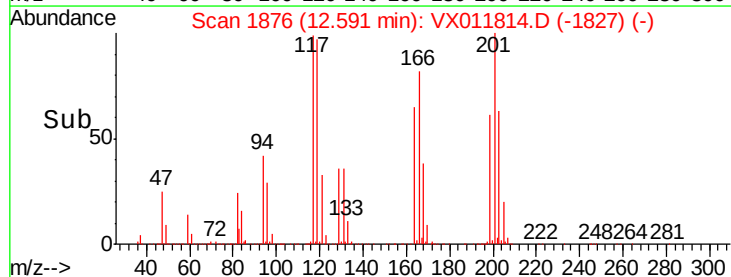
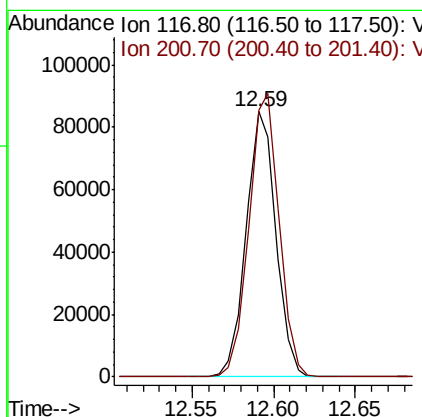
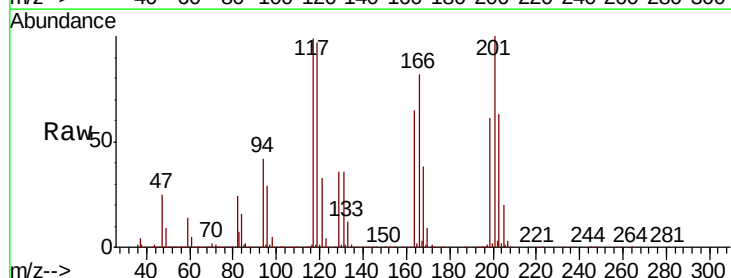
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

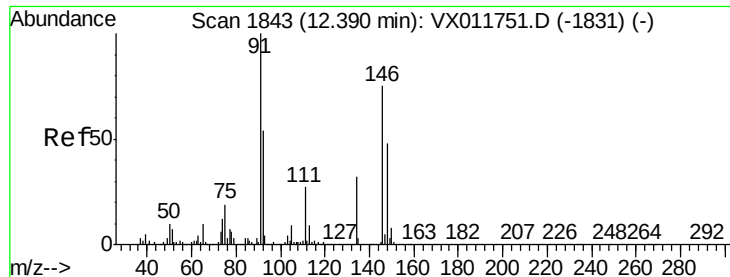
Tgt Ion: 91 Resp: 535353
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.0
134 29.6 14.6 43.8



#90
Hexachloroethane
Concen: 43.714 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011814.D
Acq: 24 Aug 2019 13:08

Tgt Ion: 117 Resp: 108540
Ion Ratio Lower Upper
117 100
201 107.7 49.6 149.0

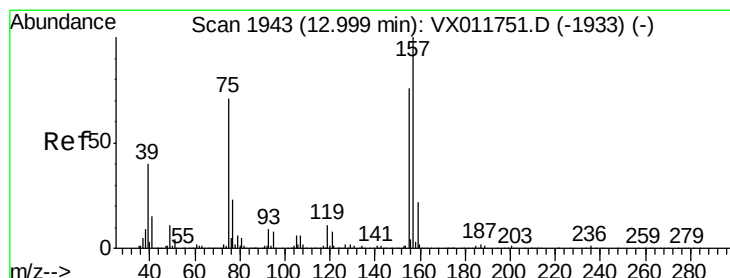
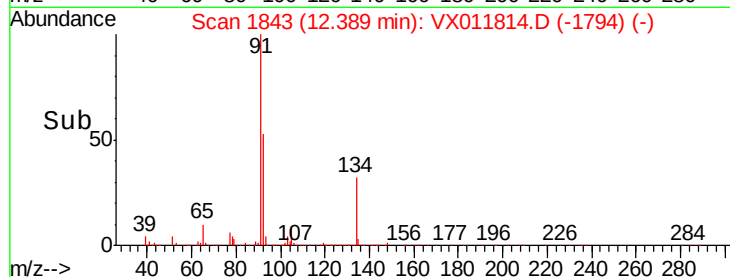
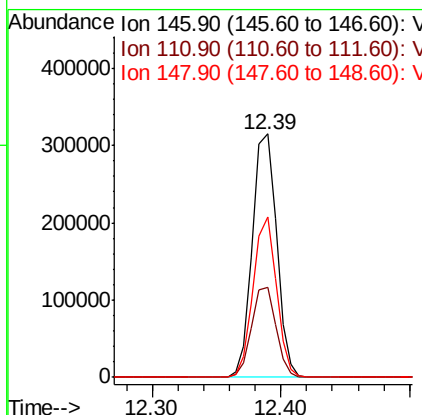
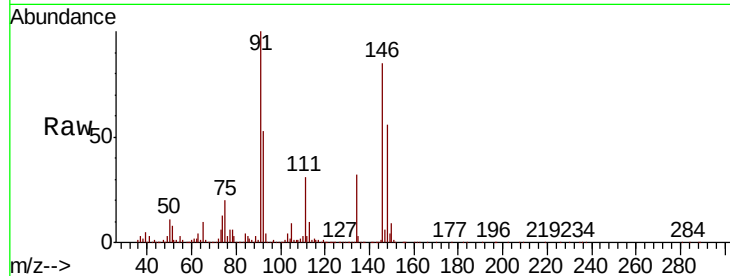




#91
 1,2-Dichlorobenzene
 Concen: 45.187 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

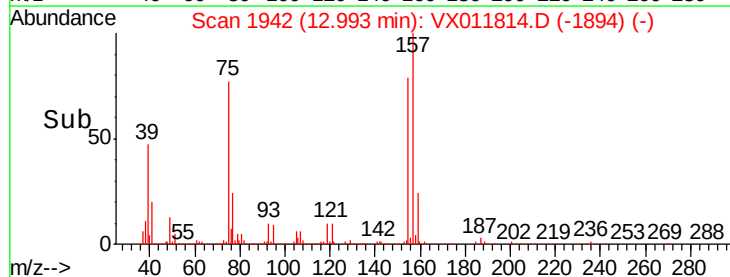
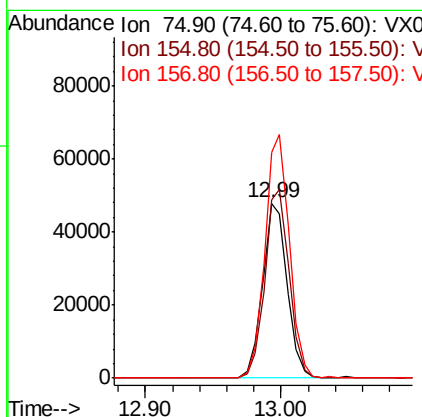
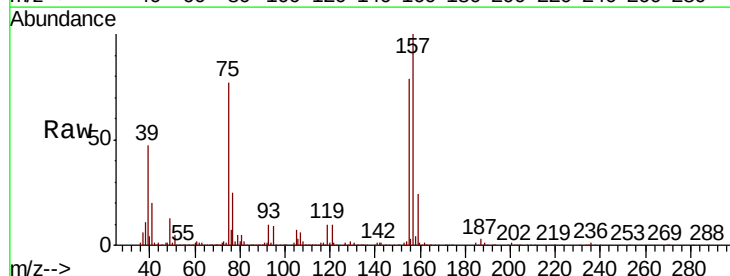
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

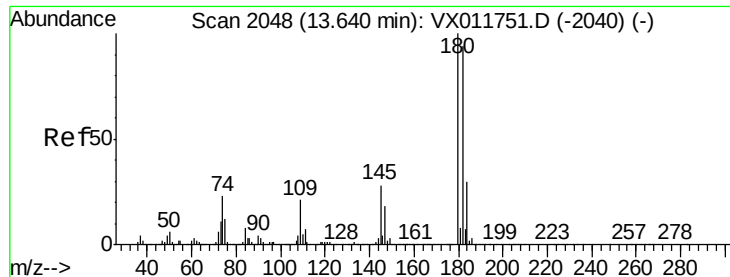
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	63.2	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.635 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.5	52.6	157.9
157	139.7	68.3	204.9

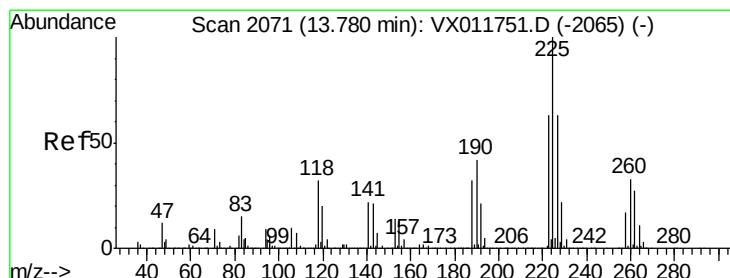
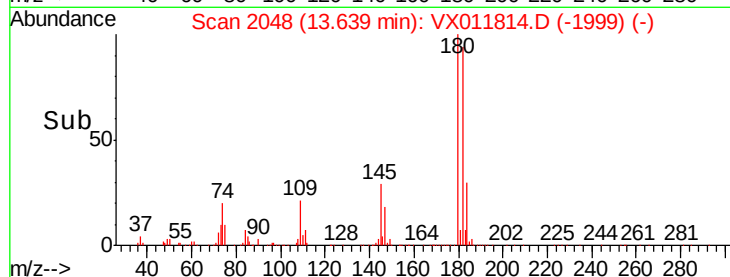
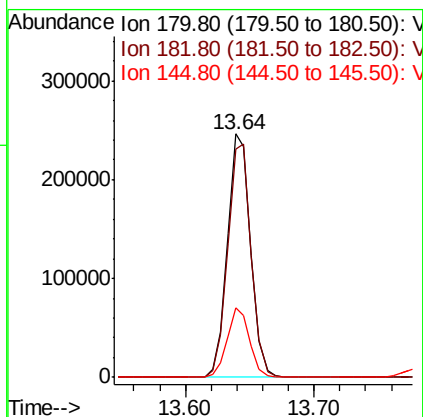
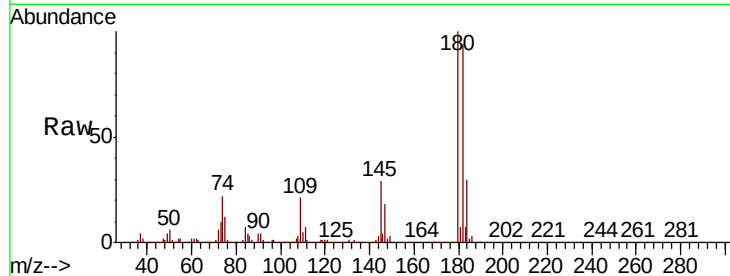




#93
 1,2,4-Trichlorobenzene
 Concen: 46.822 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

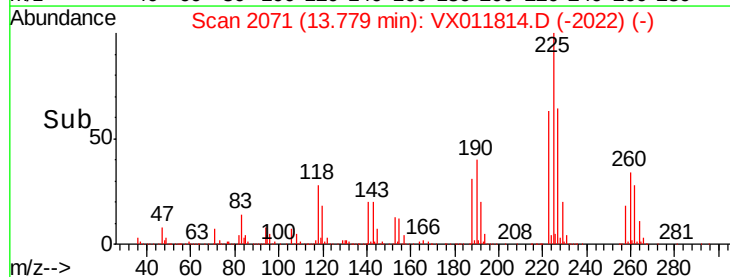
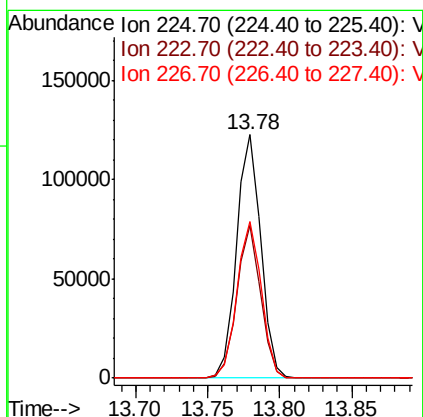
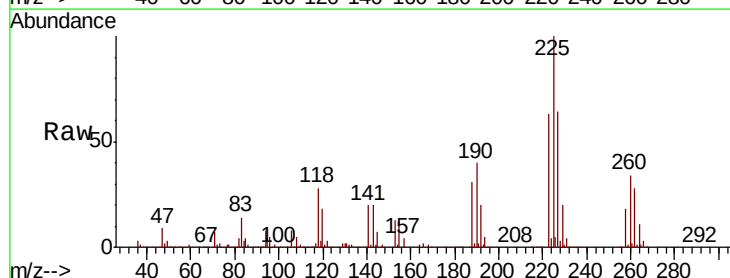
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

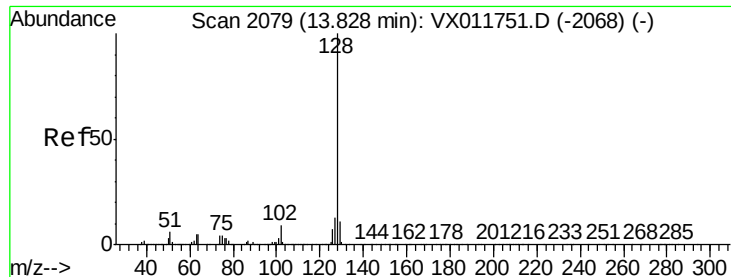
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.4
145	27.8	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 39.560 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011814.D
 Acq: 24 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.0	93.0
227	64.7	31.8	95.3





#95

Naphthalene

Concen: 51.461 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

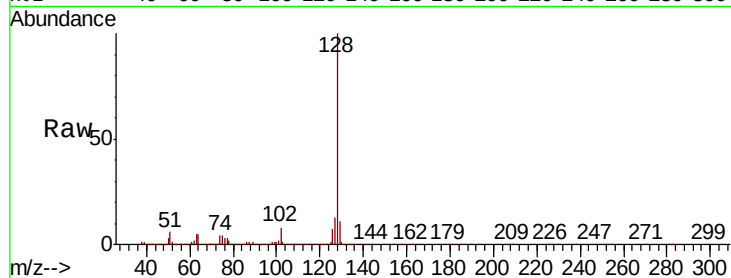
Tgt Ion:128 Resp: 941703

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.7 8.7 13.1

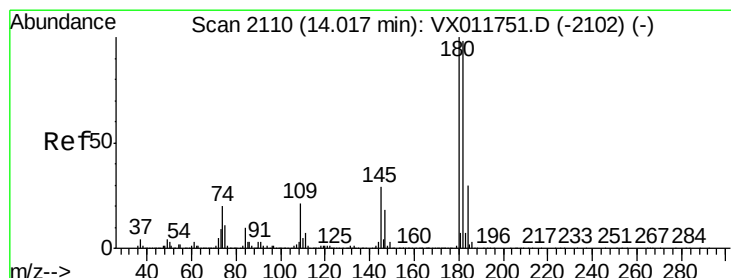
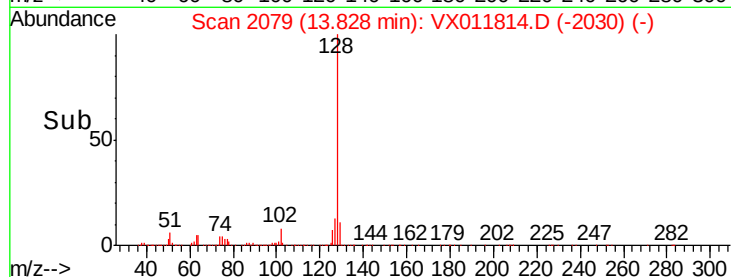
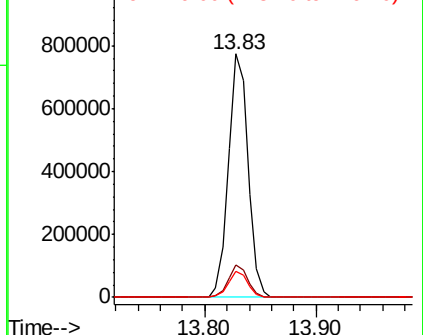


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.232 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011814.D

Acq: 24 Aug 2019 13:08

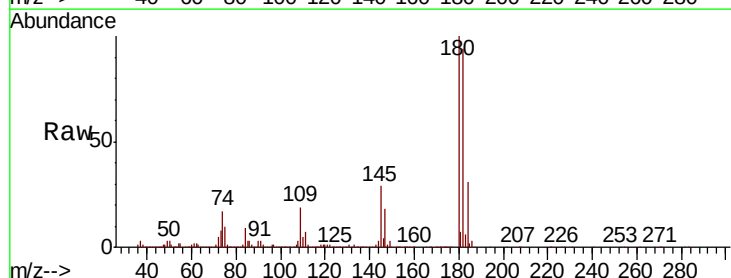
Tgt Ion:180 Resp: 328441

Ion Ratio Lower Upper

180 100

182 93.7 48.5 145.5

145 29.0 14.6 43.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

