

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011695.D
 Acq On : 20 Aug 2019 19:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 20 23:26:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	318368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	438021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	146401	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.49	113	134843	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.71	98	428852	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.13	95	181432	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	164443	52.548	ug/l	99
3) Chloromethane	1.32	50	129852	39.951	ug/l	100
4) Vinyl Chloride	1.40	62	133883	45.599	ug/l	96
5) Bromomethane	1.63	94	69120	52.539	ug/l	99
6) Chloroethane	1.71	64	74521	53.627	ug/l	98
7) Trichlorofluoromethane	1.92	101	215224	52.923	ug/l	98
8) Diethyl Ether	2.18	74	73228	52.492	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137863	49.080	ug/l	99
10) Methyl Iodide	2.50	142	164935	41.218	ug/l	99
11) Tert butyl alcohol	3.04	59	191184	263.950	ug/l	98
12) 1,1-Dichloroethene	2.36	96	132391	48.770	ug/l	98
13) Acrolein	2.29	56	53690	241.345	ug/l	100
14) Allyl chloride	2.72	41	221410	49.031	ug/l	98
15) Acrylonitrile	3.14	53	426793	257.453	ug/l	100
16) Acetone	2.43	43	368377	248.142	ug/l	99
17) Carbon Disulfide	2.56	76	295587	46.210	ug/l	98
18) Methyl Acetate	2.76	43	246658	53.574	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	469688	53.126	ug/l	99
20) Methylene Chloride	2.85	84	150867	48.401	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	142423	49.510	ug/l	98
22) Diisopropyl ether	3.85	45	461269	51.292	ug/l	98
23) Vinyl Acetate	3.81	43	1859285	261.088	ug/l	100
24) 1,1-Dichloroethane	3.69	63	255755	50.301	ug/l	99
25) 2-Butanone	4.66	43	589168	252.796	ug/l	97
26) 2,2-Dichloropropane	4.58	77	192746	50.367	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	161315	48.103	ug/l	98
28) Bromochloromethane	5.01	49	110422	49.472	ug/l	99
29) Tetrahydrofuran	5.12	42	366160	239.506	ug/l	98
30) Chloroform	5.20	83	271828	50.658	ug/l	99
31) Cyclohexane	5.57	56	216160	49.377	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	240535	52.132	ug/l	99
36) 1,1-Dichloropropene	5.79	75	190052	50.748	ug/l	99
37) Ethyl Acetate	4.82	43	220084	51.094	ug/l	100
38) Carbon Tetrachloride	5.77	117	213855	51.831	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229311	49.582	ug/l	99
40) Benzene	6.13	78	572887	49.225	ug/l	99
41) Methacrylonitrile	5.03	41	125981	53.141	ug/l	97
42) 1,2-Dichloroethane	6.19	62	216958	53.807	ug/l	99
43) Isopropyl Acetate	6.44	43	329339	48.992	ug/l	99
44) Trichloroethene	7.21	130	171321	49.623	ug/l	96
45) 1,2-Dichloropropane	7.51	63	144449	49.769	ug/l	98
46) Dibromomethane	7.66	93	105581	50.058	ug/l	97
47) Bromodichloromethane	7.89	83	199430	51.497	ug/l	99
48) Methyl methacrylate	7.77	41	169637	50.957	ug/l	96
49) 1,4-Dioxane	7.73	88	91893	1037.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1159387	263.494	ug/l	100
52) Toluene	8.78	92	375156	50.598	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	215431	53.600	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	230104	52.314	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	159457	50.573	ug/l	99
56) Ethyl methacrylate	9.18	69	243684	53.175	ug/l	99
57) 1,3-Dichloropropane	9.37	76	247051	49.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	573669	251.237	ug/l	100
59) 2-Hexanone	9.49	43	882281	260.020	ug/l	99
60) Dibromochloromethane	9.58	129	178344	54.289	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173646	51.603	ug/l	100
64) Tetrachloroethene	9.34	164	166548	50.407	ug/l	98
65) Chlorobenzene	10.13	112	430089	50.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	165975	51.700	ug/l	100
67) Ethyl Benzene	10.25	91	732924	51.130	ug/l	100
68) m/p-Xylenes	10.35	106	569395	103.483	ug/l	97
69) o-Xylene	10.69	106	263967	48.976	ug/l	99
70) Styrene	10.71	104	452768	49.902	ug/l	99
71) Bromoform	10.85	173	133865	43.376	ug/l #	99
73) Isopropylbenzene	11.02	105	735311	50.237	ug/l	98
74) N-amyl acetate	10.90	43	295030	47.431	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	246699	48.995	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	272382	63.680	ug/l	86
77) Bromobenzene	11.25	156	211552	48.580	ug/l	97
78) n-propylbenzene	11.36	91	818199	51.840	ug/l	99
79) 2-Chlorotoluene	11.42	91	494053	50.978	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	638187	51.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69764	44.705	ug/l	94
82) 4-Chlorotoluene	11.51	91	582994	51.851	ug/l	98
83) tert-Butylbenzene	11.77	119	610754	48.772	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	633042	51.284	ug/l	100
85) sec-Butylbenzene	11.94	105	728434	51.557	ug/l	100
86) p-Isopropyltoluene	12.06	119	703211	52.906	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	376557	50.307	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	379214	49.986	ug/l	100
89) n-Butylbenzene	12.38	91	579987	53.075	ug/l	98
90) Hexachloroethane	12.59	117	108988	51.925	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	371452	49.436	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59665	51.795	ug/l	95

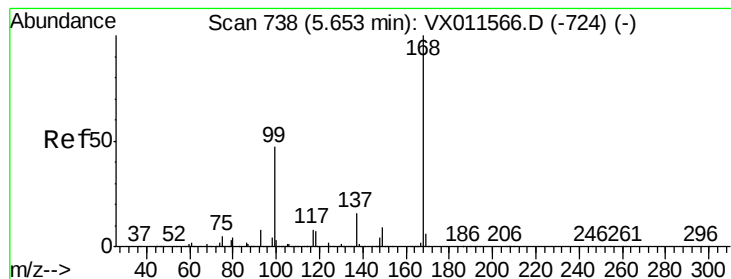
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293421	52.410	ug/l	99
94) Hexachlorobutadiene	13.78	225	150205	49.271	ug/l	97
95) Naphthalene	13.83	128	875373	55.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297933	52.761	ug/l	99

(#) = 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: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

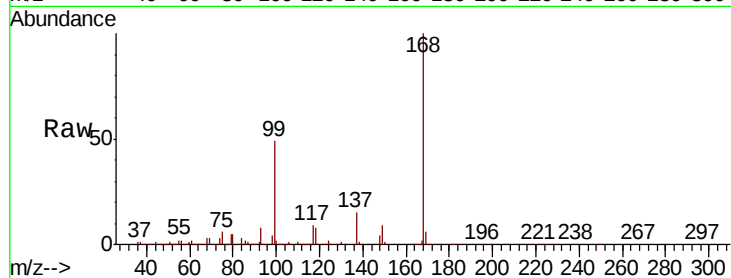
VSTDCCC050

Tgt Ion:168 Resp: 318368

Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

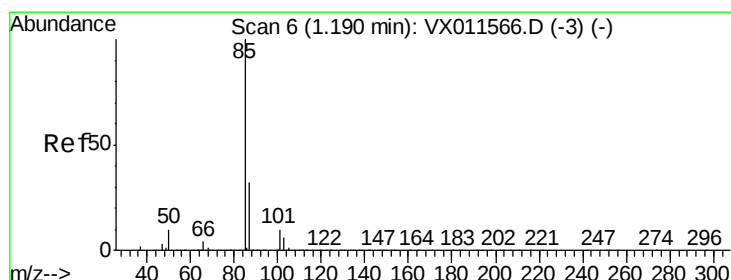
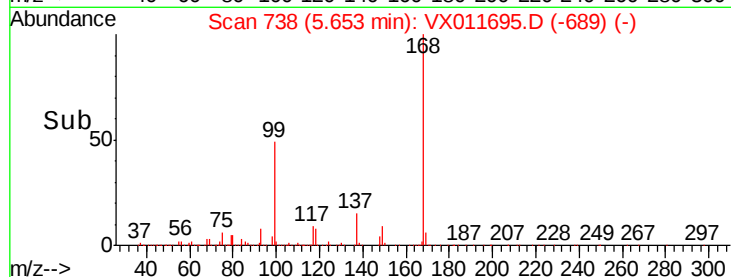
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.548 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011695.D

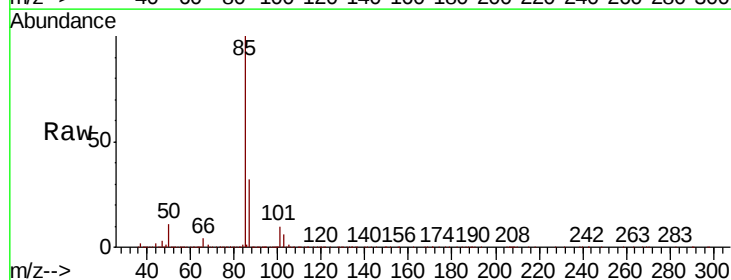
Acq: 20 Aug 2019 19:43

Tgt Ion: 85 Resp: 164443

Ion Ratio Lower Upper

85 100

87 31.8 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

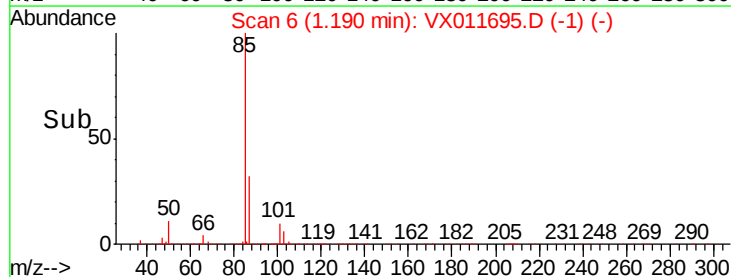
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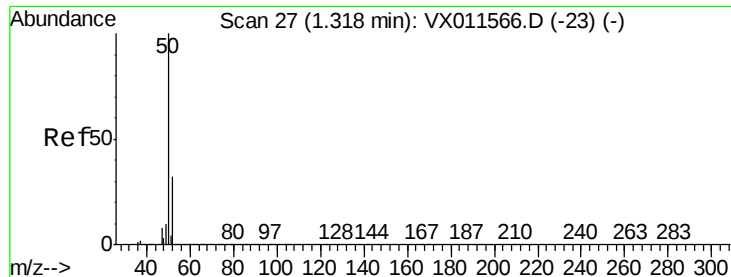
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Time-->

1.15 1.20 1.25

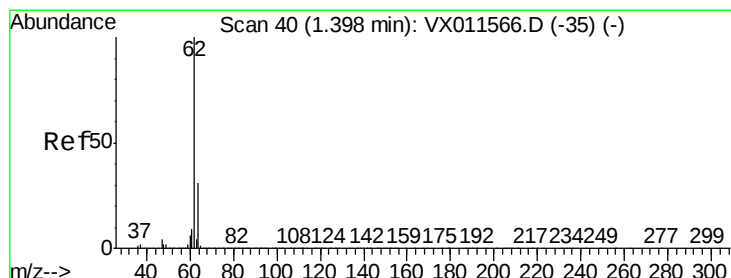
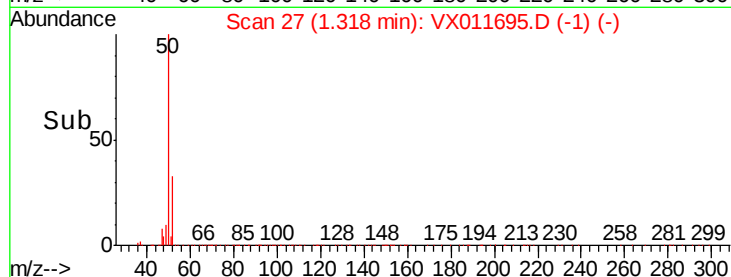
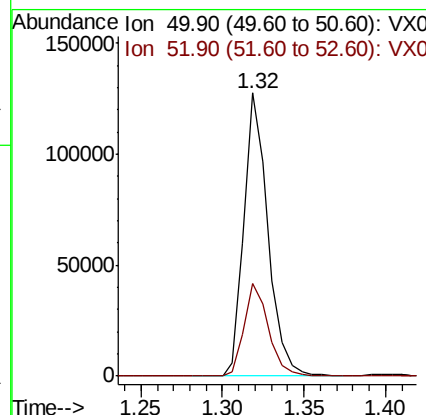
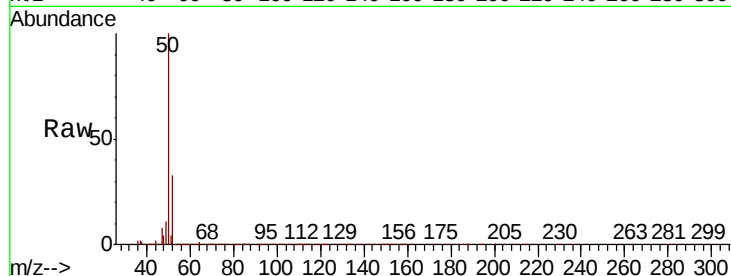




#3
Chloromethane
Concen: 39.951 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

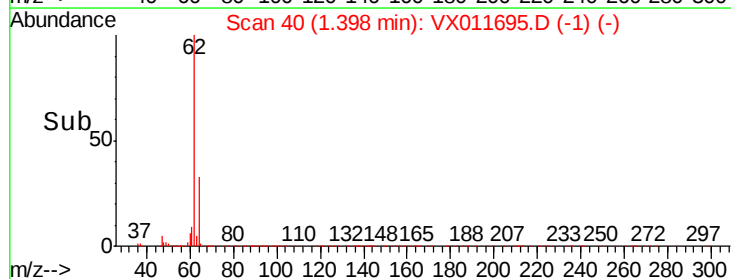
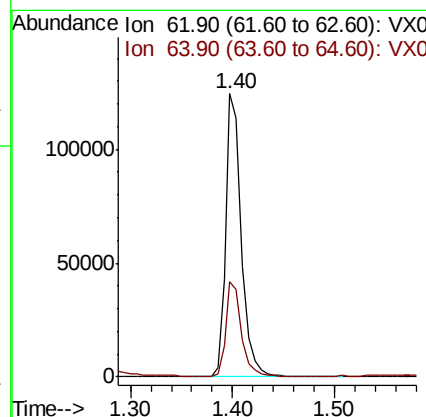
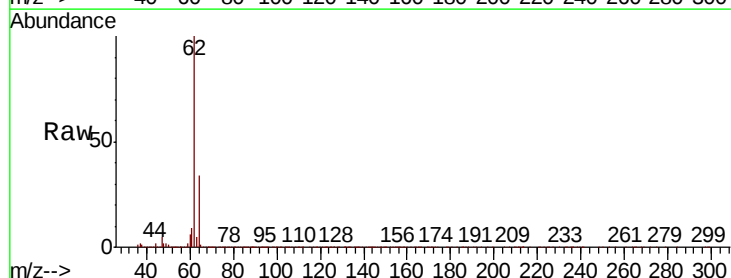
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

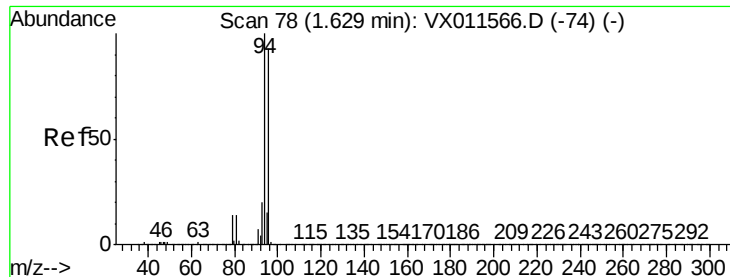
Tgt Ion: 50 Resp: 129852
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 45.599 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion: 62 Resp: 133883
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.4





#5

Bromomethane

Concen: 52.539 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

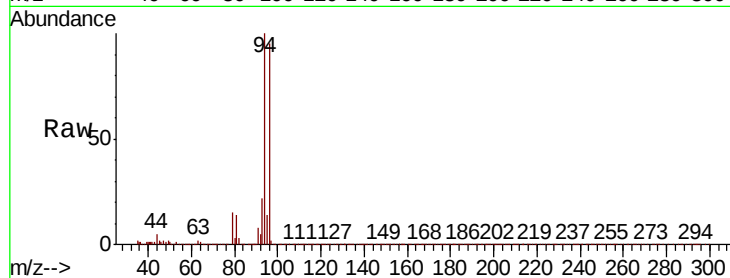
VSTDCCC050

Tgt Ion: 94 Resp: 69120

Ion Ratio Lower Upper

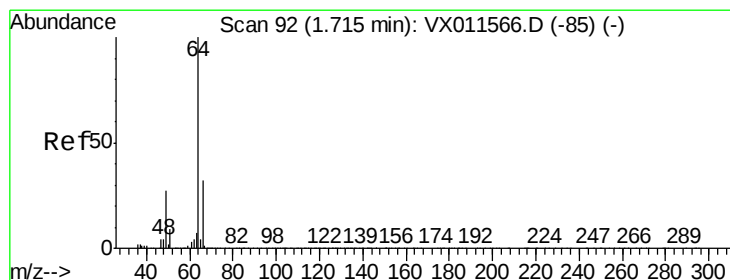
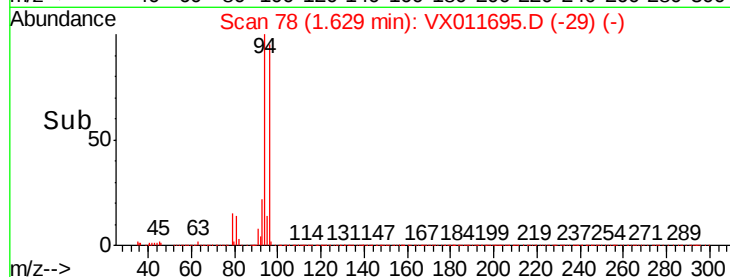
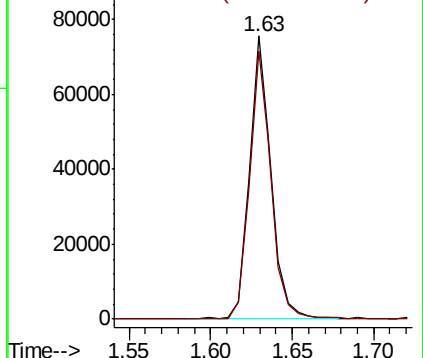
94 100

96 94.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.627 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011695.D

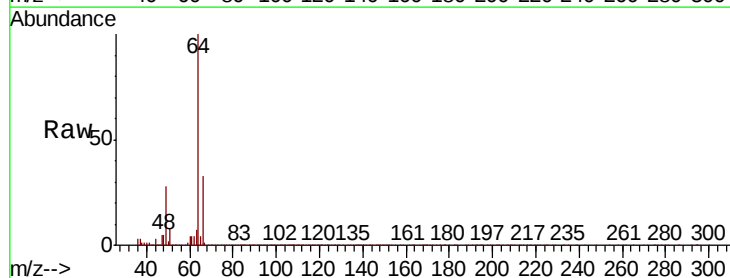
Acq: 20 Aug 2019 19:43

Tgt Ion: 64 Resp: 74521

Ion Ratio Lower Upper

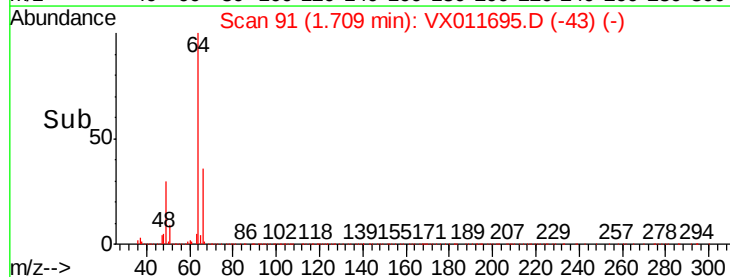
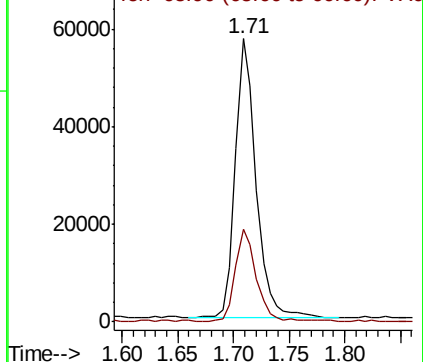
64 100

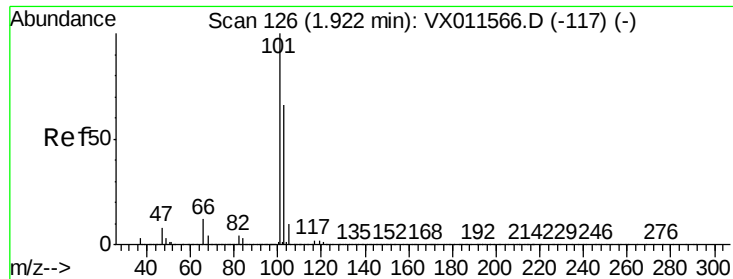
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



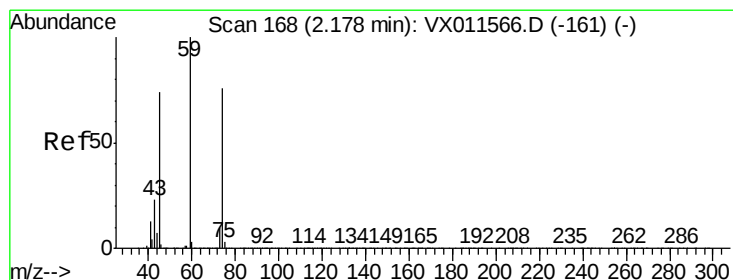
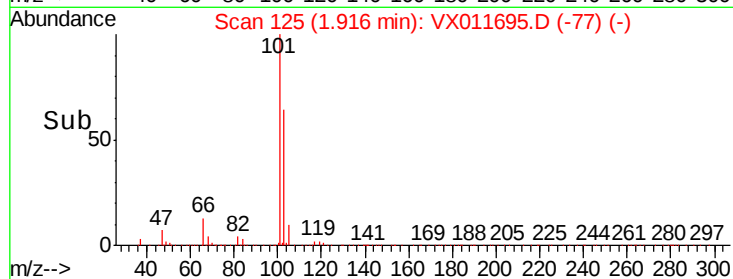
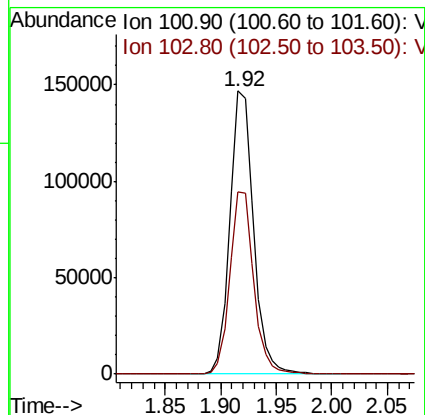
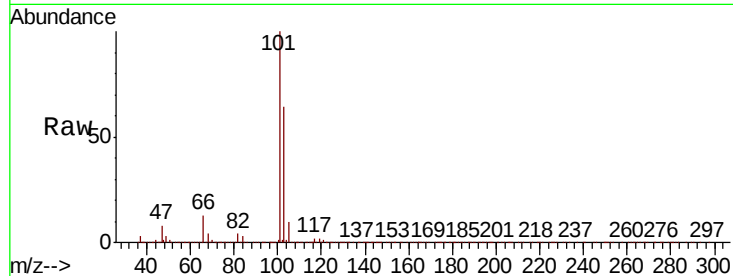


#7

Trichlorofluoromethane
Concen: 52.923 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

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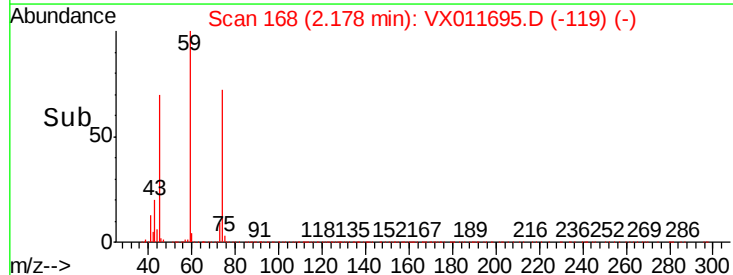
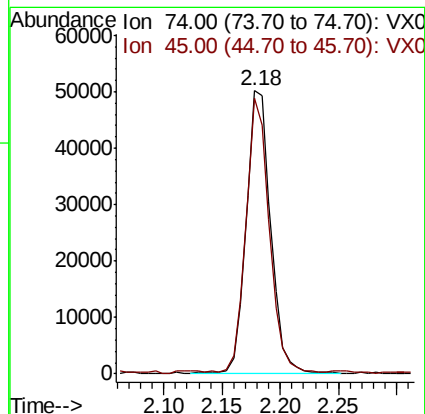
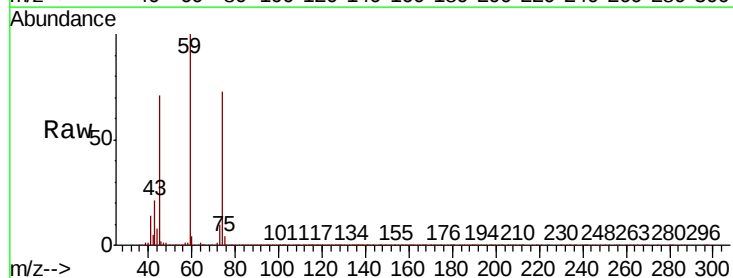
Tgt Ion:101 Resp: 215224
Ion Ratio Lower Upper
101 100
103 64.2 52.9 79.3

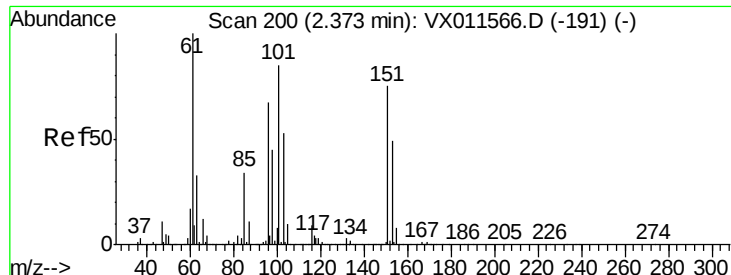


#8

Diethyl Ether
Concen: 52.492 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion: 74 Resp: 73228
Ion Ratio Lower Upper
74 100
45 92.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.080 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

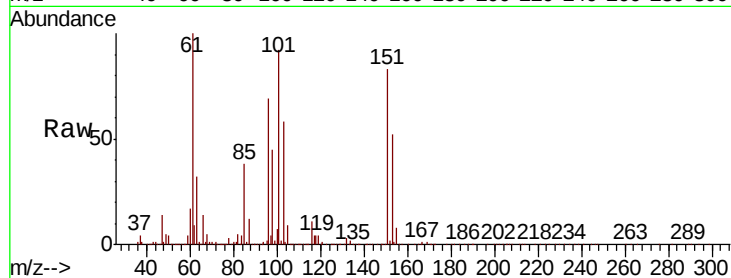
Instrument :

MSVOA_X

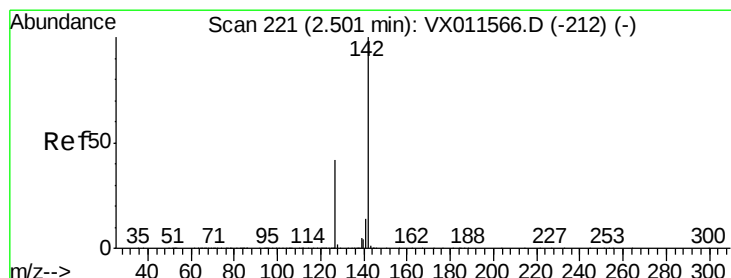
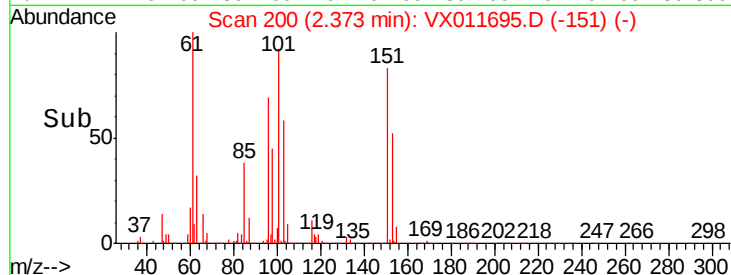
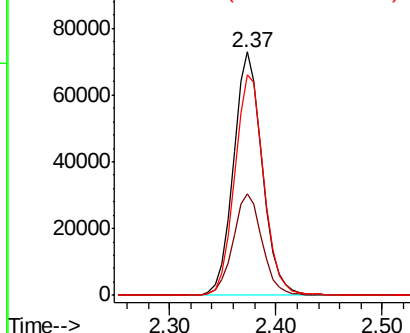
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	137863
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.0	49.4
151	92.1	73.3	109.9



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: 41.218 ug/l

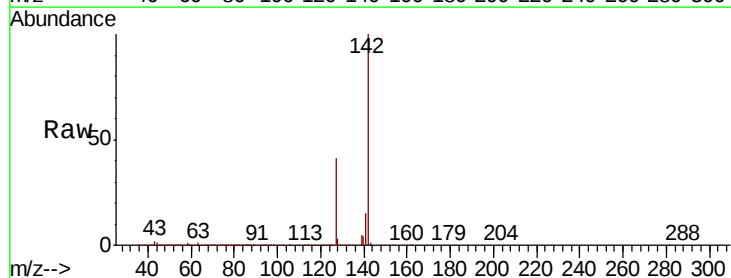
RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

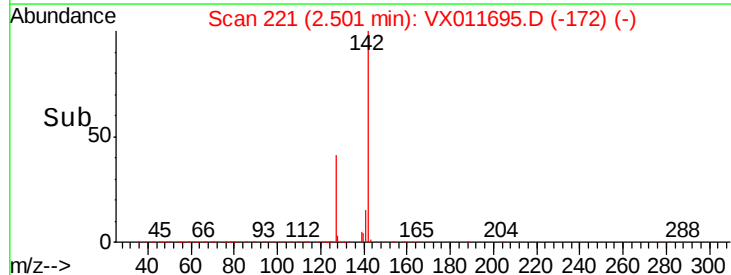
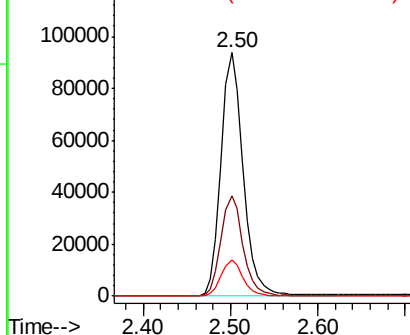
Lab File: VX011695.D

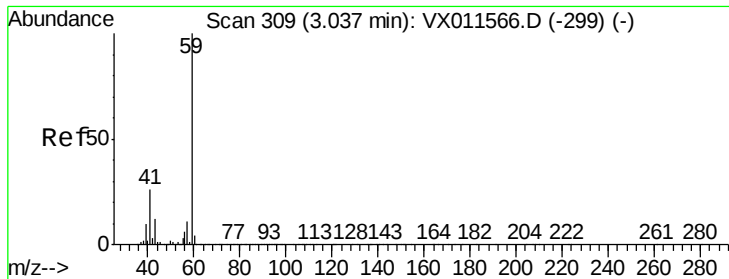
Acq: 20 Aug 2019 19:43

Tgt Ion:	142	Resp:	164935
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.8	49.2
141	14.7	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



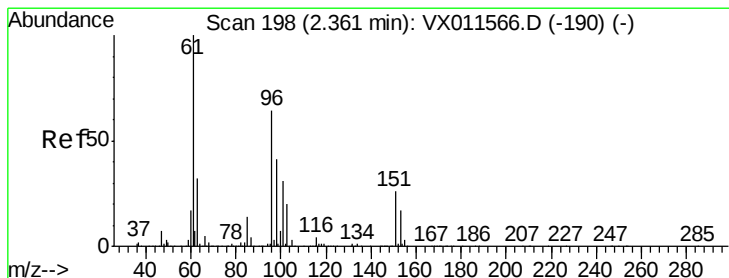
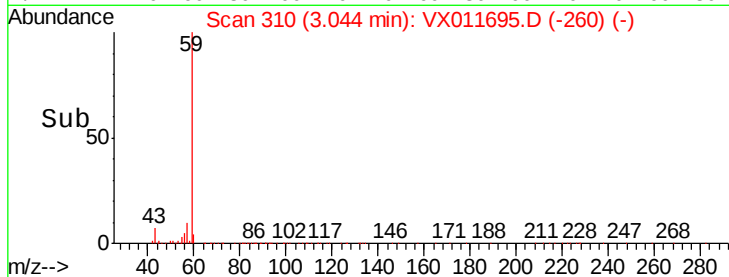
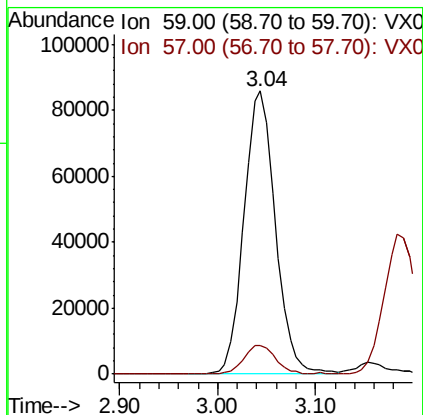
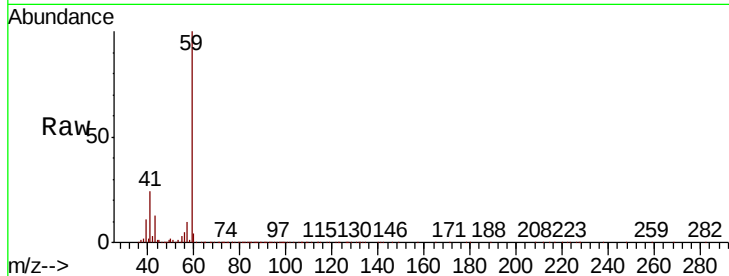


#11

Tert butyl alcohol
 Concen: 263.950 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

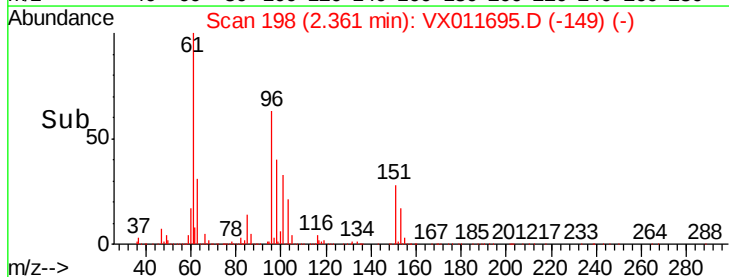
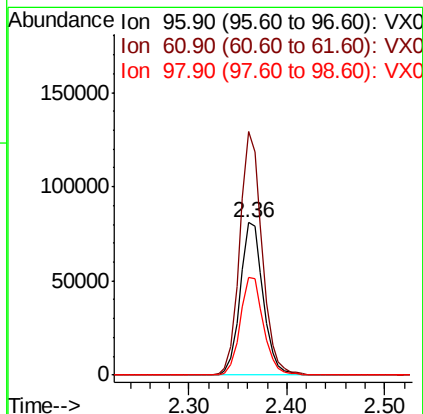
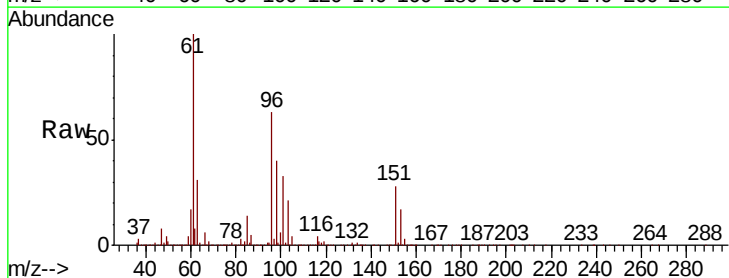
Tgt Ion: 59 Resp: 191184
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.7 13.1

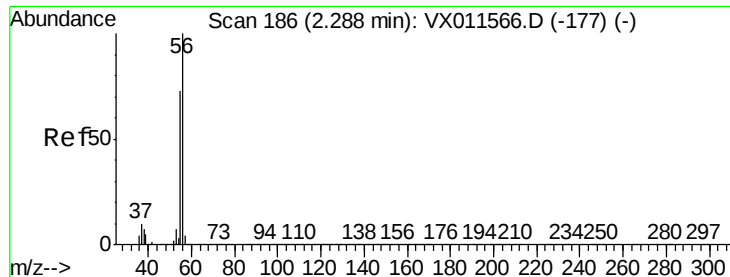


#12

1,1-Dichloroethene
 Concen: 48.770 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion: 96 Resp: 132391
 Ion Ratio Lower Upper
 96 100
 61 159.2 125.0 187.4
 98 64.2 51.5 77.3





#13

Acrolein

Concen: 241.345 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

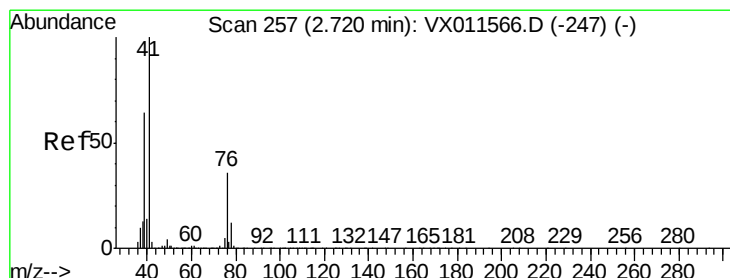
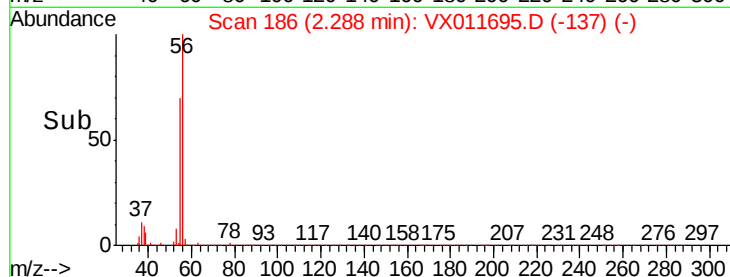
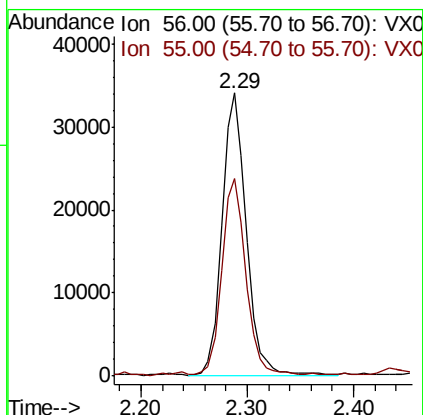
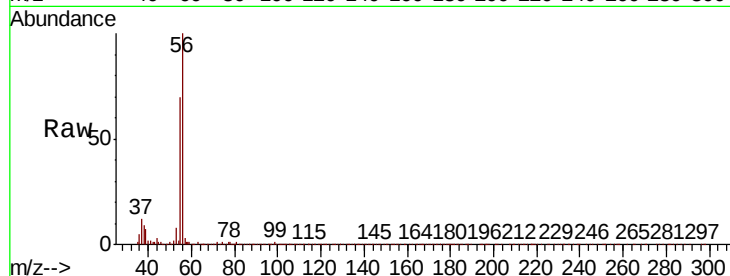
VSTDCCC050

Tgt Ion: 56 Resp: 53690

Ion Ratio Lower Upper

56 100

55 69.1 55.5 83.3



#14

Allyl chloride

Concen: 49.031 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

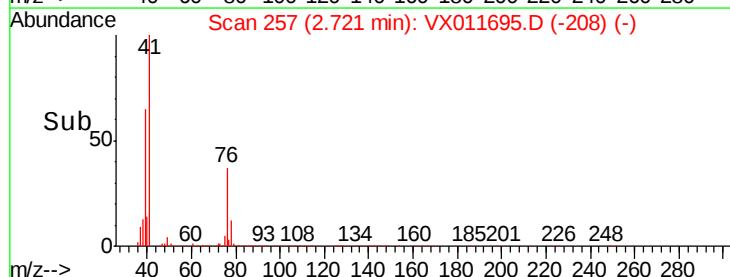
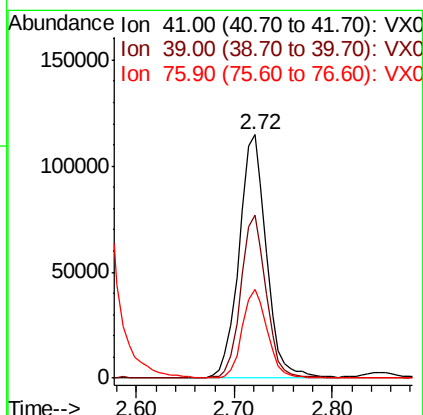
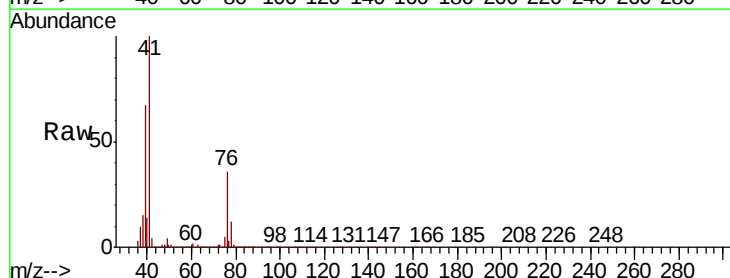
Tgt Ion: 41 Resp: 221410

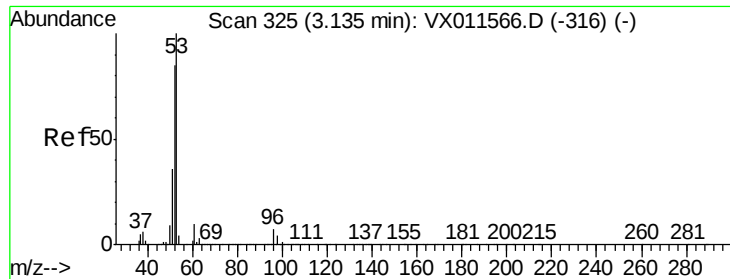
Ion Ratio Lower Upper

41 100

39 62.0 47.5 71.3

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 257.453 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

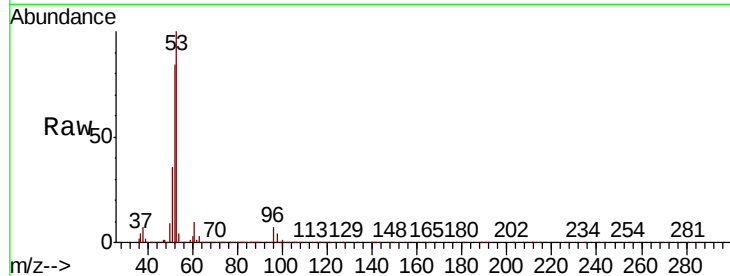
Tgt Ion: 53 Resp: 426793

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

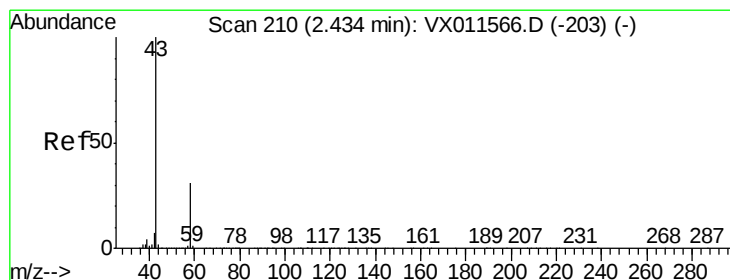
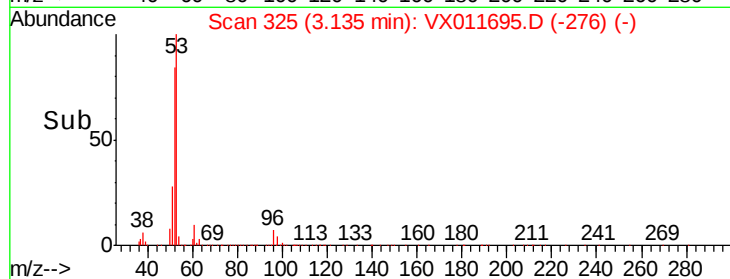
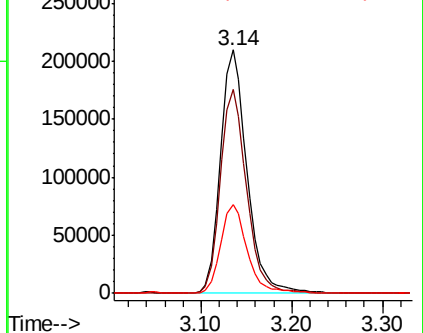
51 36.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 248.142 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011695.D

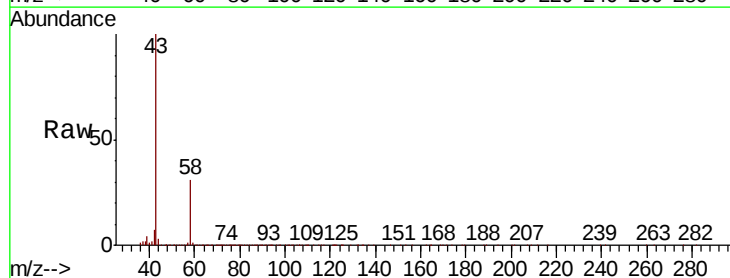
Acq: 20 Aug 2019 19:43

Tgt Ion: 43 Resp: 368377

Ion Ratio Lower Upper

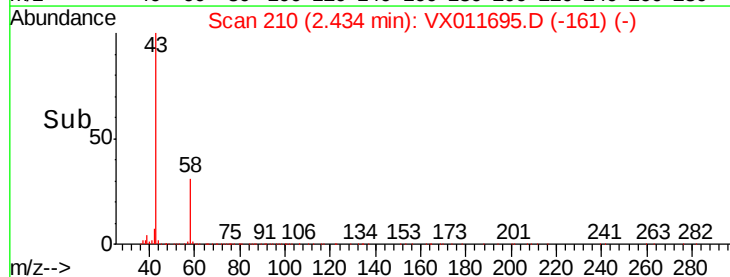
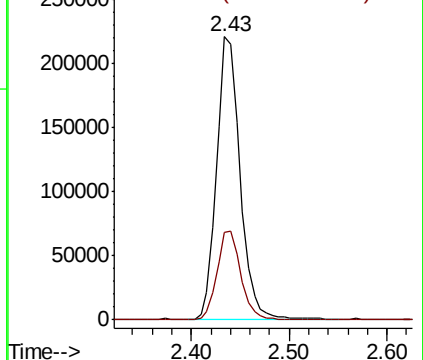
43 100

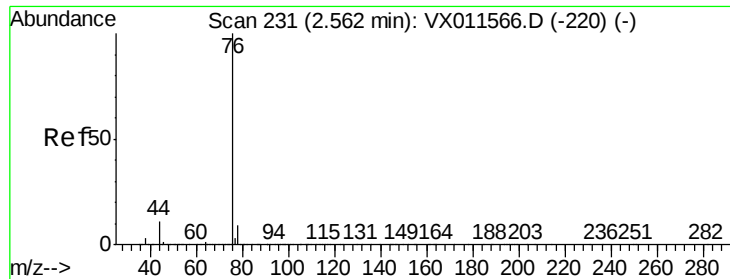
58 30.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

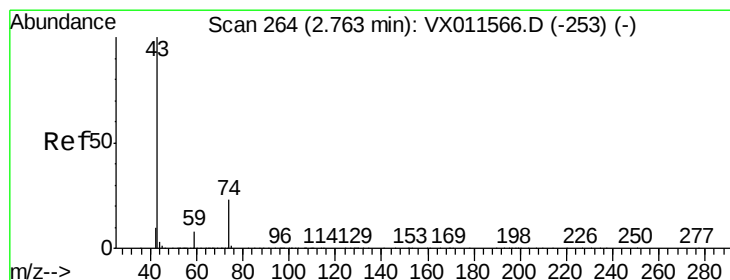
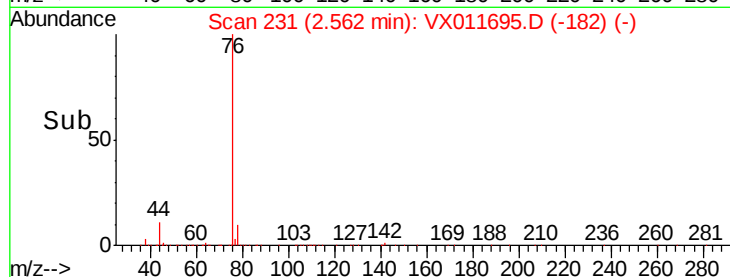
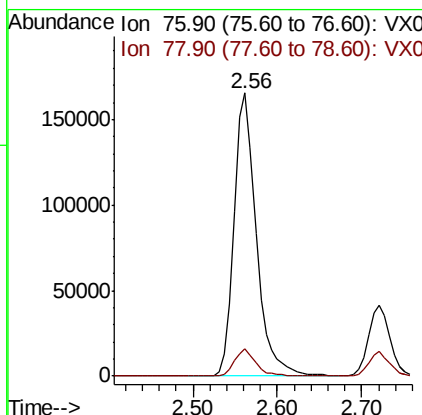
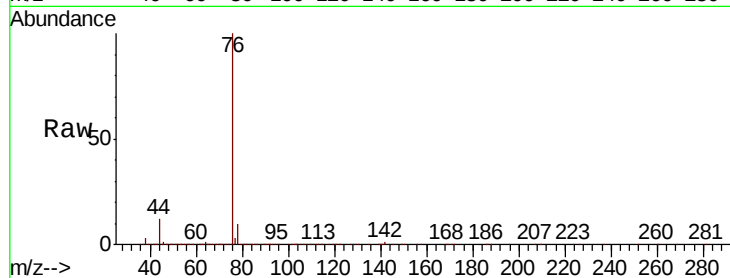




#17
Carbon Disulfide
Concen: 46.210 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

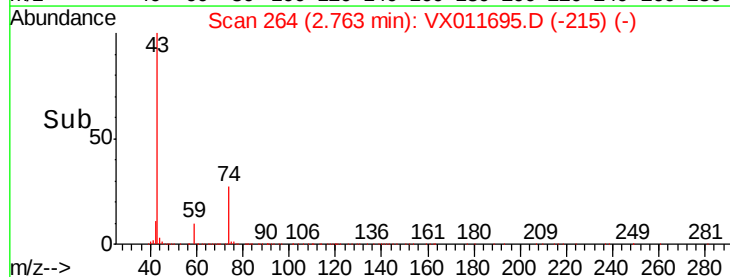
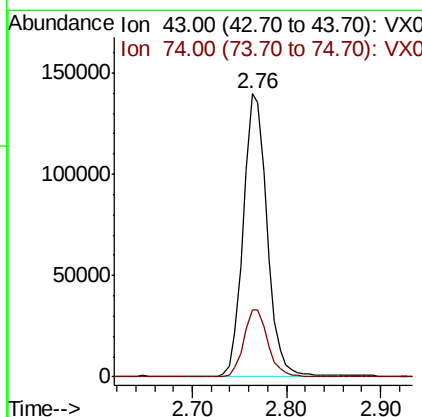
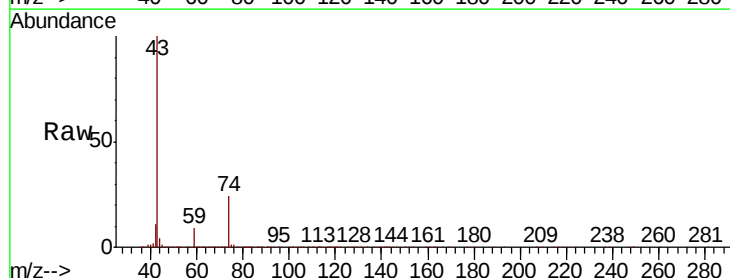
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

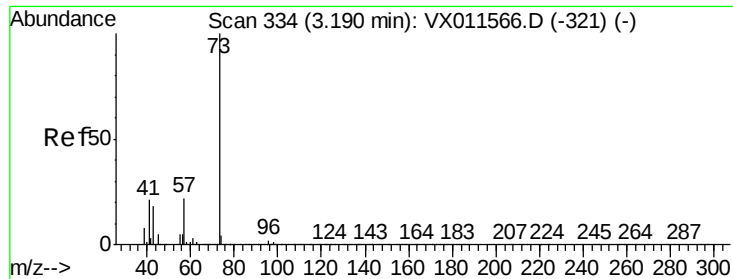
Tgt Ion: 76 Resp: 295587
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 53.574 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion: 43 Resp: 246658
Ion Ratio Lower Upper
43 100
74 24.7 19.7 29.5



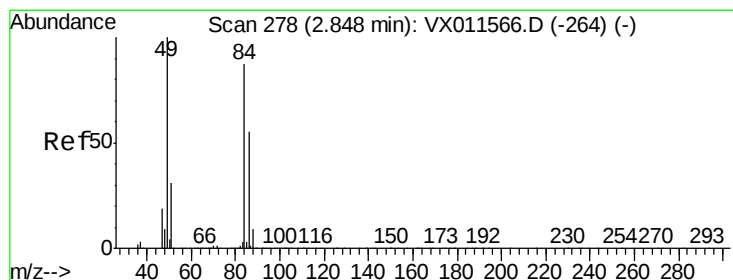
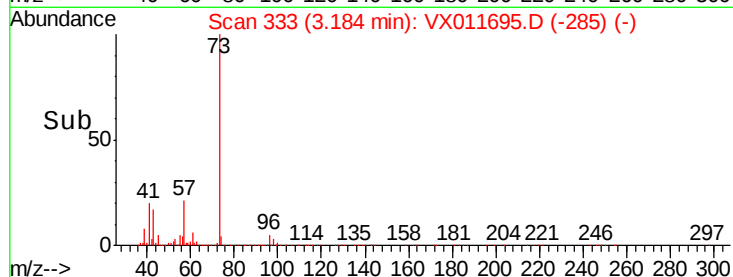
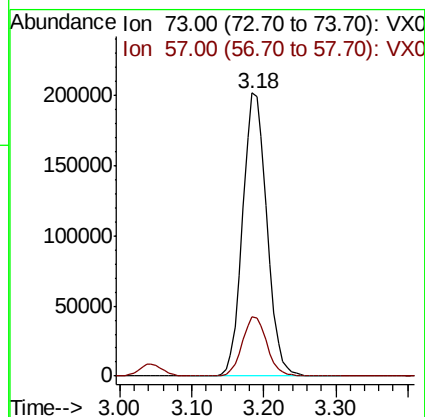
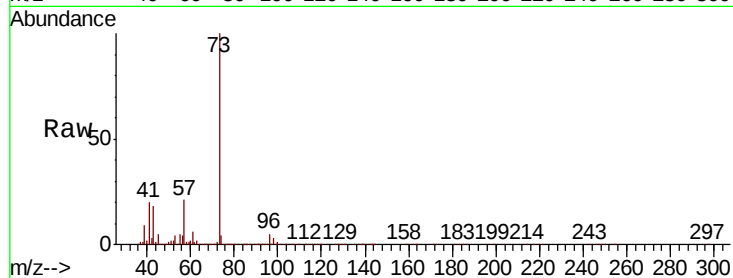


#19

Methyl tert-butyl Ether
 Concen: 53.126 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

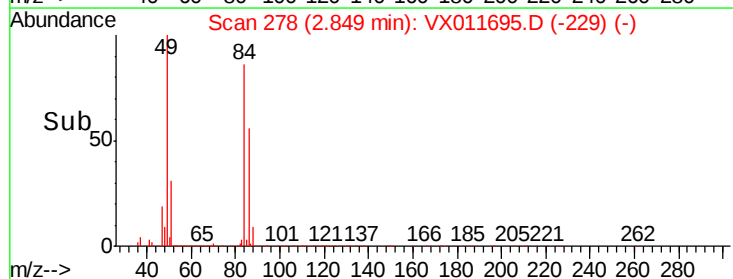
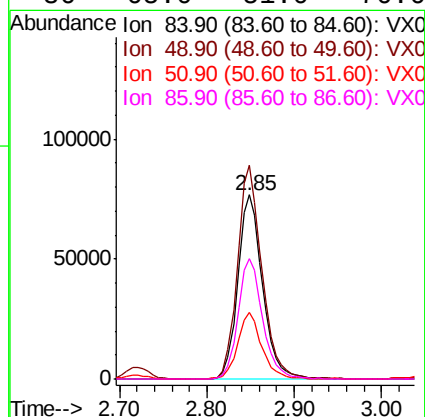
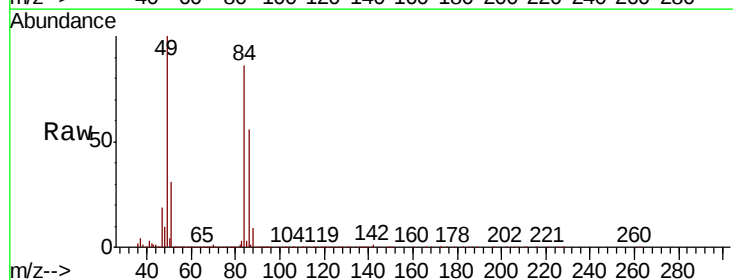
Tgt Ion: 73 Resp: 469688
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.2 25.8

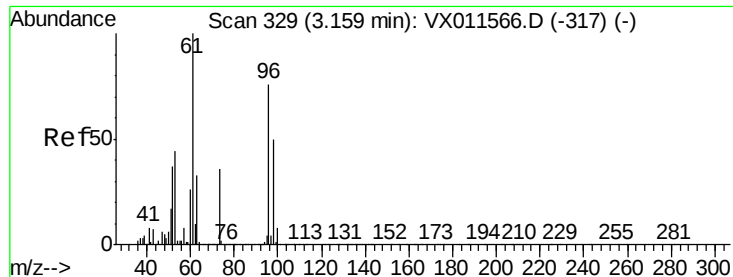


#20

Methylene Chloride
 Concen: 48.401 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion: 84 Resp: 150867
 Ion Ratio Lower Upper
 84 100
 49 116.1 92.4 138.6
 51 35.9 28.5 42.7
 86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.510 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

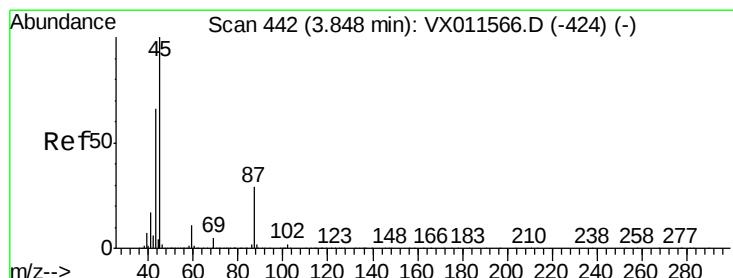
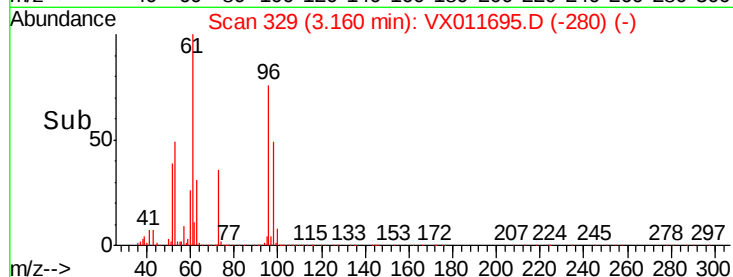
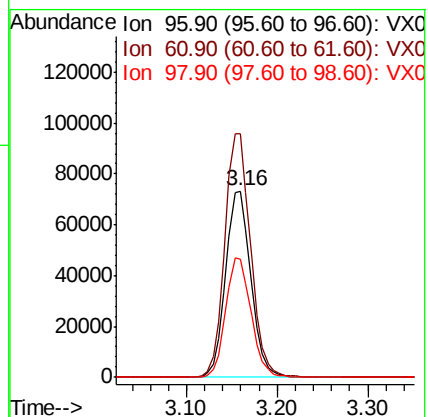
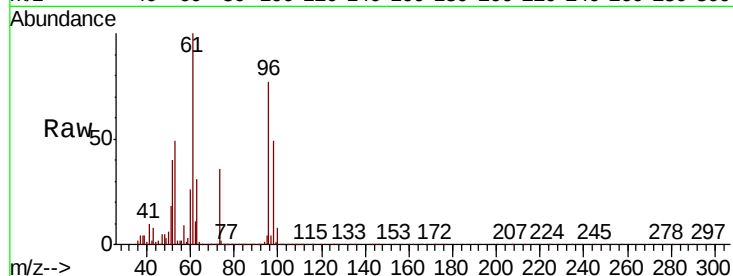
Tgt Ion: 96 Resp: 142423

Ion Ratio Lower Upper

96 100

61 130.6 105.5 158.3

98 63.5 52.6 78.8



#22

Diisopropyl ether

Concen: 51.292 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion: 45 Resp: 461269

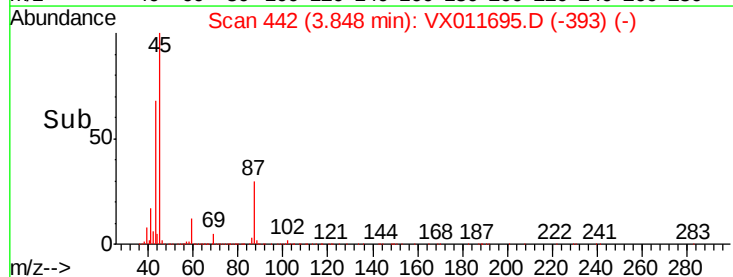
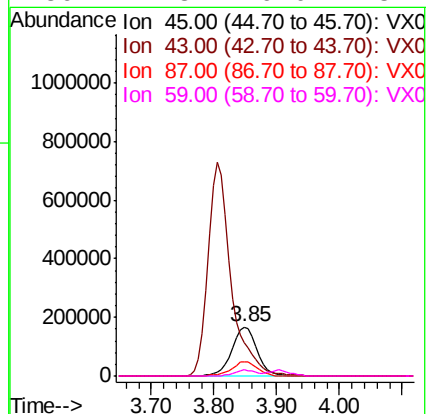
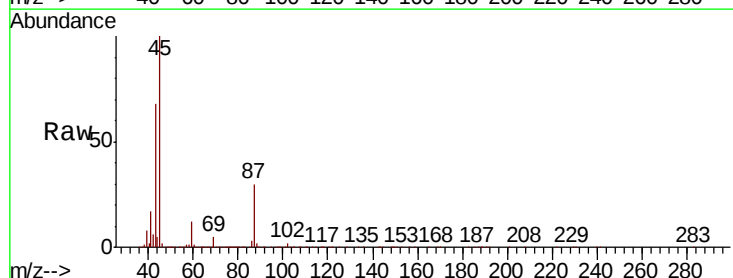
Ion Ratio Lower Upper

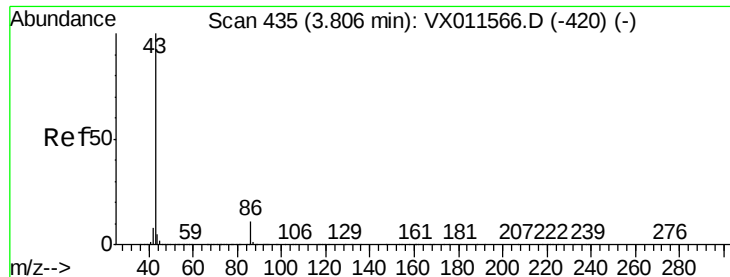
45 100

43 67.8 52.7 79.1

87 29.9 23.5 35.3

59 12.3 9.0 13.4





#23

Vinyl Acetate

Concen: 261.088 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

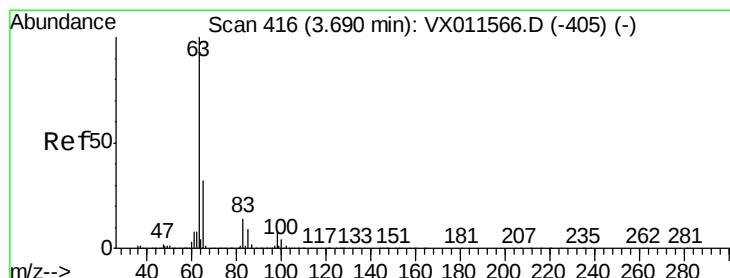
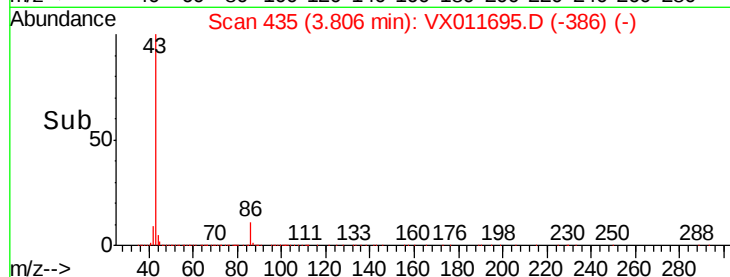
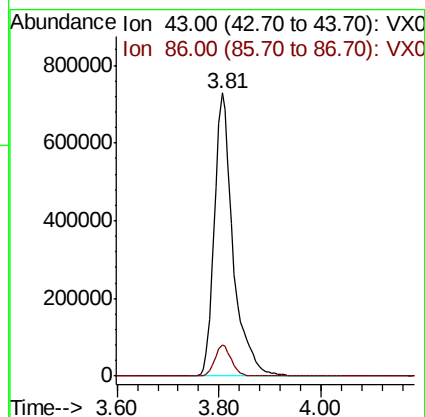
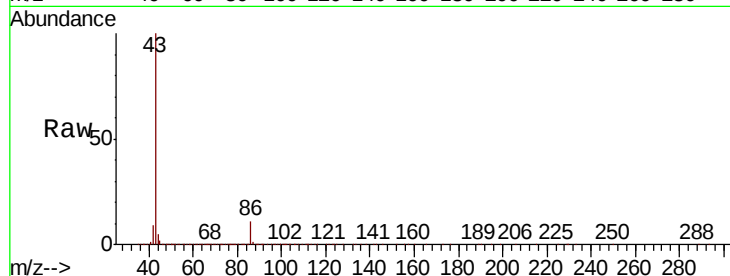
VSTDCCC050

Tgt Ion: 43 Resp: 1859285

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 50.301 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

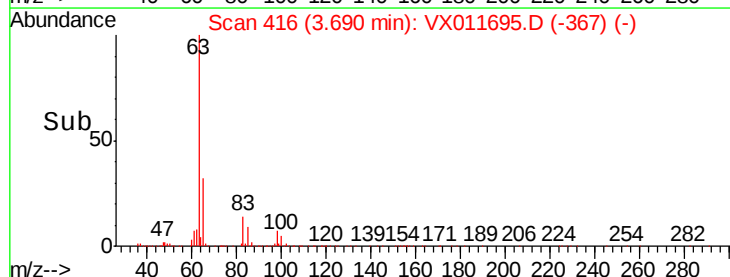
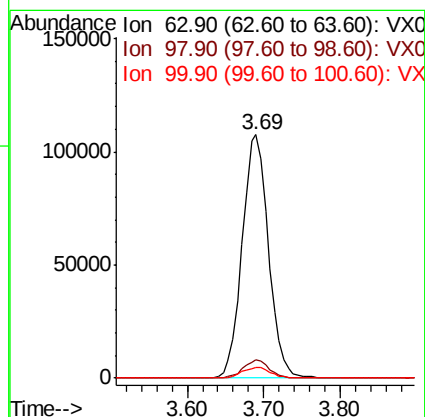
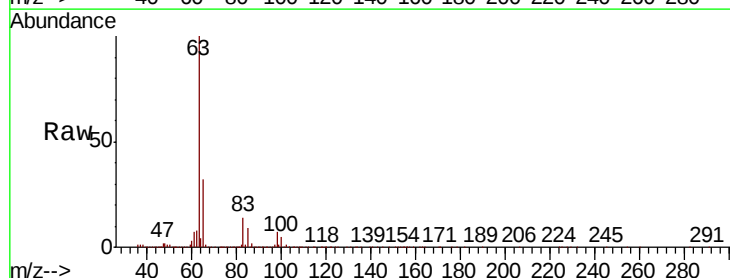
Tgt Ion: 63 Resp: 255755

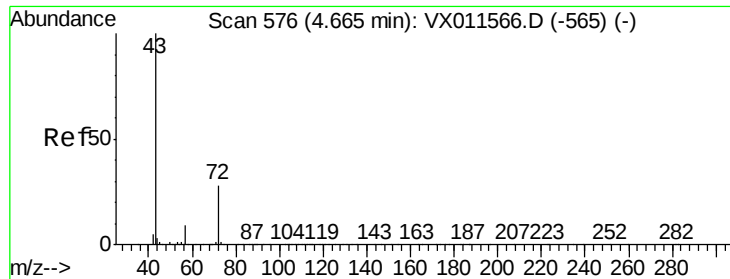
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 252.796 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

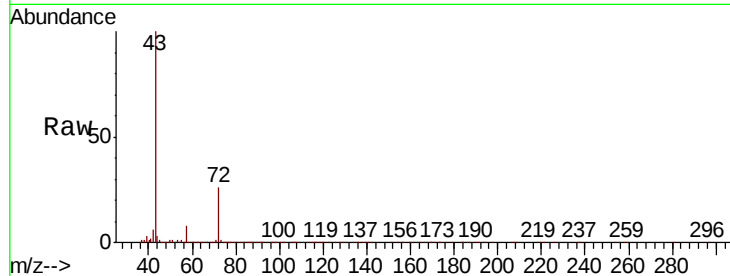
VSTDCCC050

Tgt Ion: 43 Resp: 589168

Ion Ratio Lower Upper

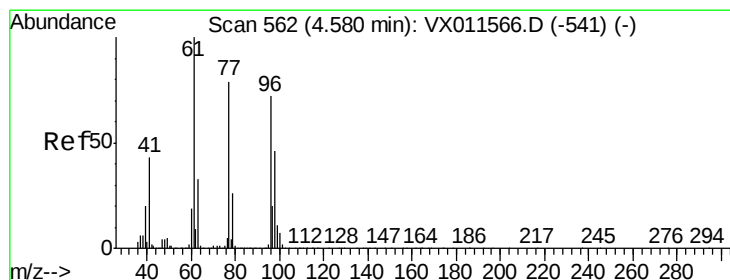
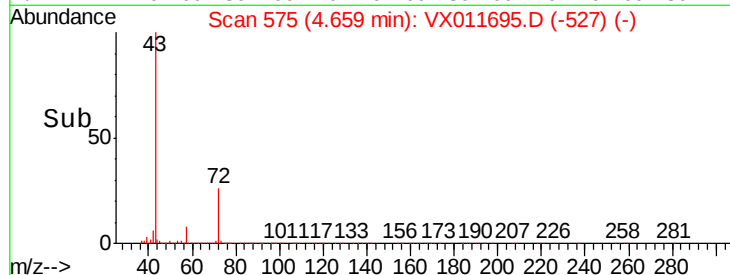
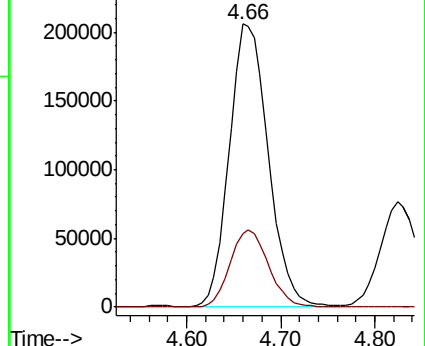
43 100

72 26.0 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.367 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011695.D

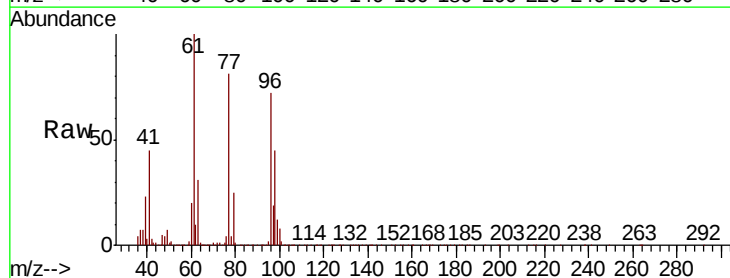
Acq: 20 Aug 2019 19:43

Tgt Ion: 77 Resp: 192746

Ion Ratio Lower Upper

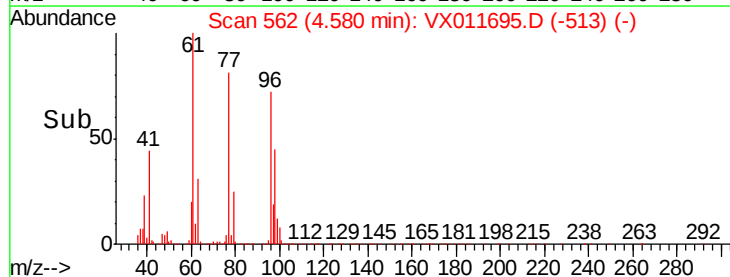
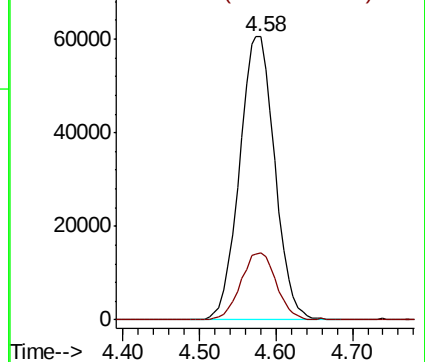
77 100

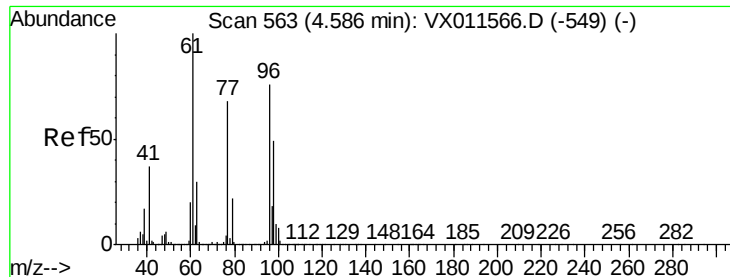
97 23.8 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



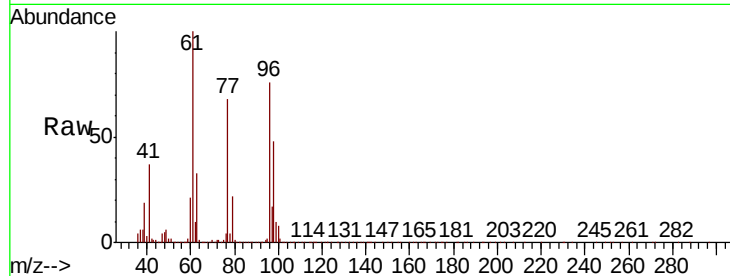


#27

cis-1,2-Dichloroethene
Concen: 48.103 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	272.6
98	66.2	0.0	129.4

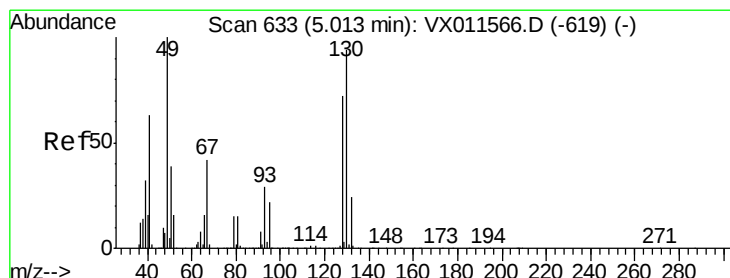
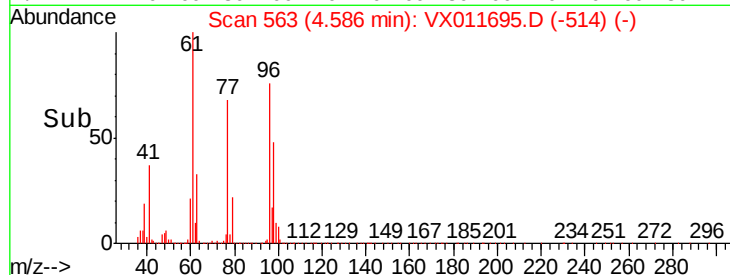
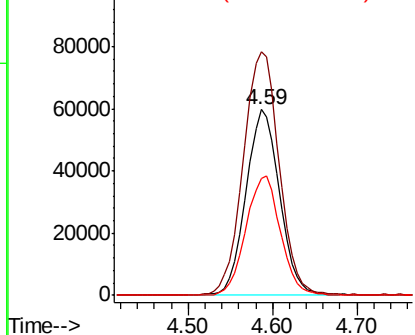


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

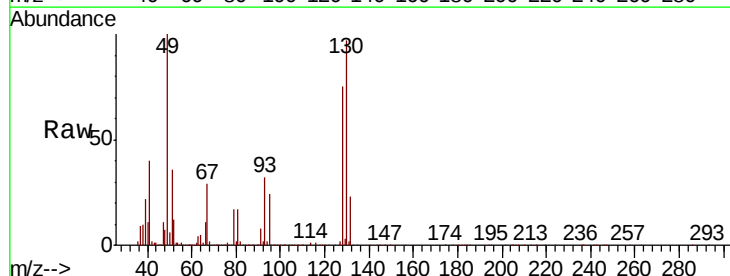
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 49.472 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	97.1	76.6	115.0

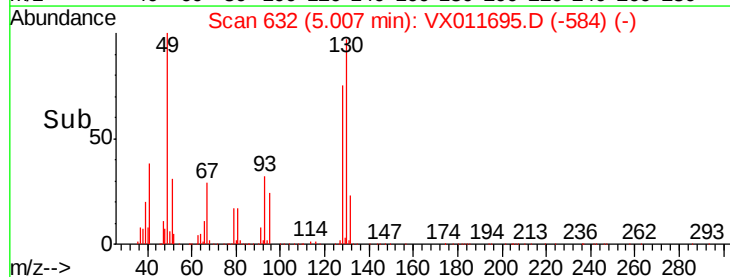
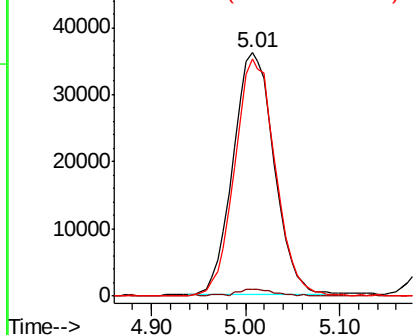


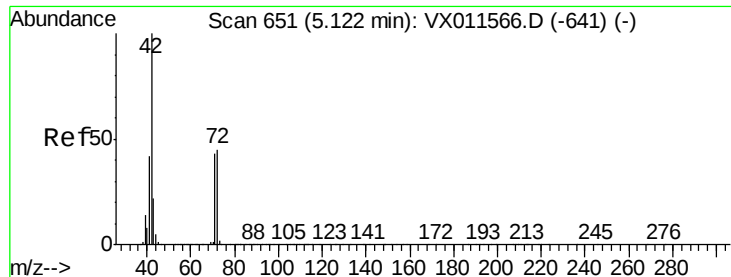
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 239.506 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

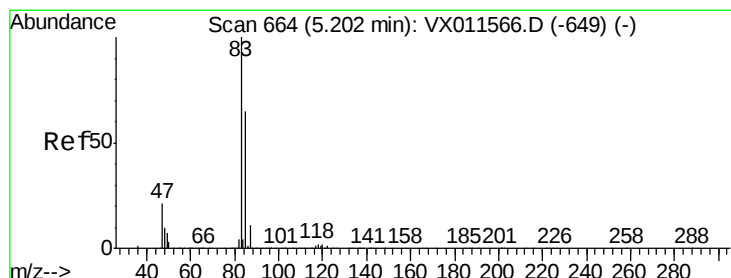
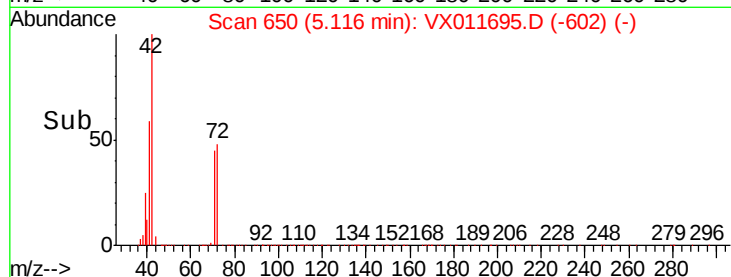
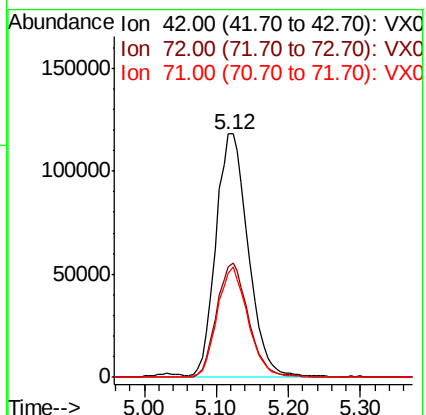
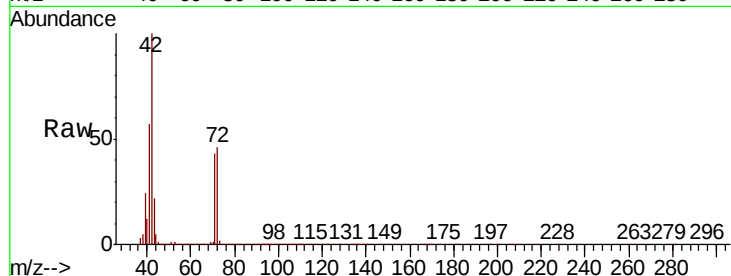
Tgt Ion: 42 Resp: 366160

Ion Ratio Lower Upper

42 100

72 46.5 36.1 54.1

71 43.4 33.8 50.8



#30

Chloroform

Concen: 50.658 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011695.D

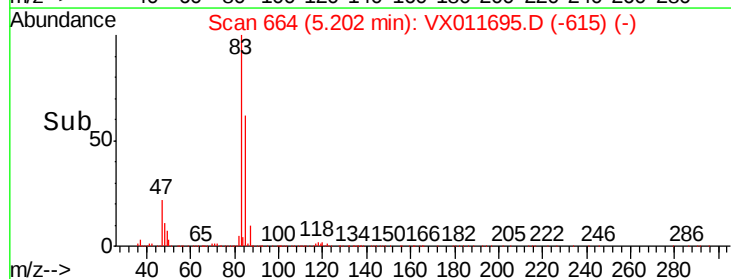
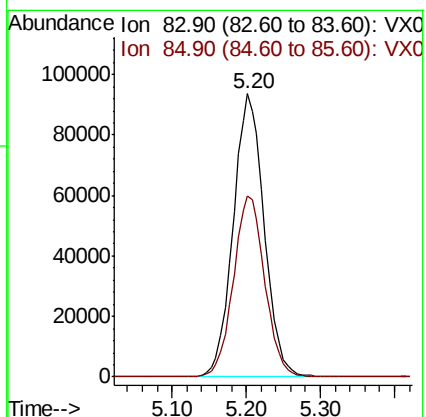
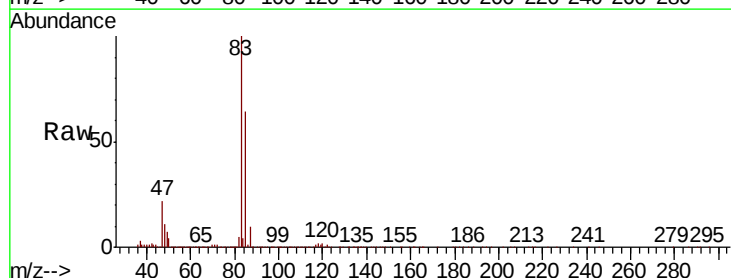
Acq: 20 Aug 2019 19:43

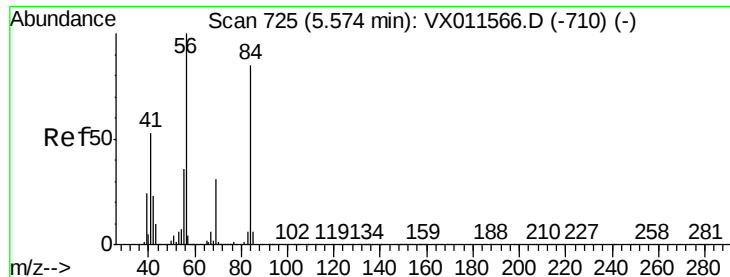
Tgt Ion: 83 Resp: 271828

Ion Ratio Lower Upper

83 100

85 63.8 51.9 77.9

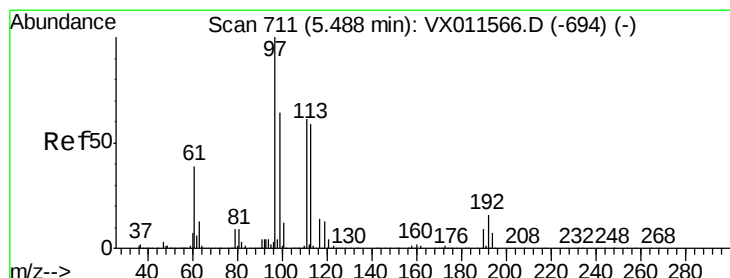
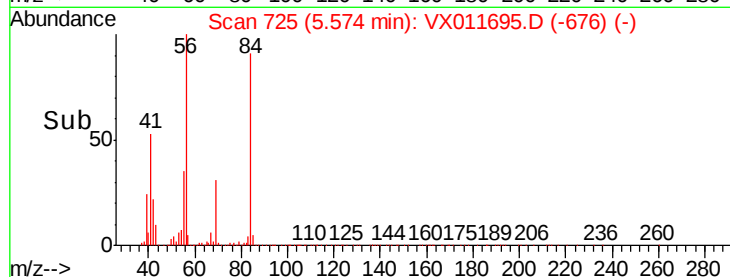
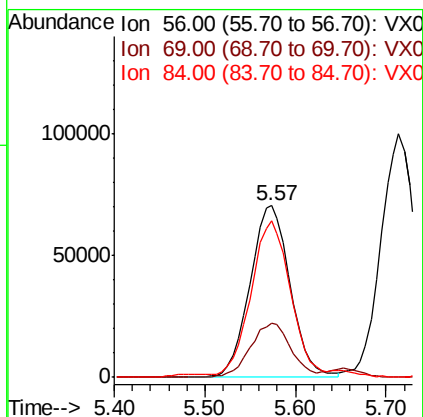
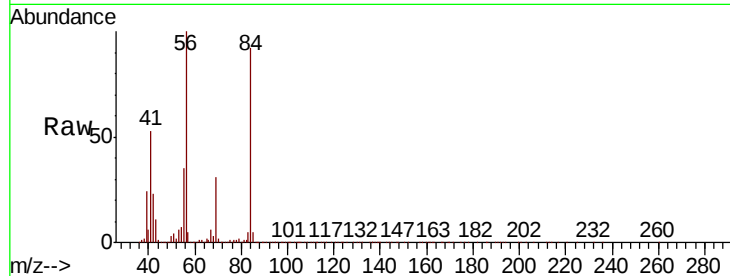




#31
Cyclohexane
Concen: 49.377 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

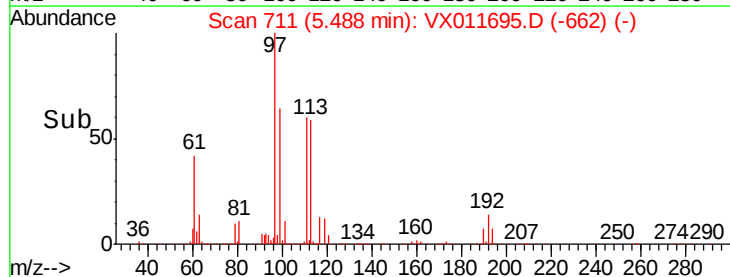
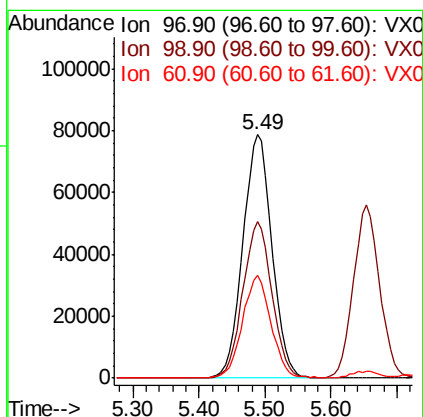
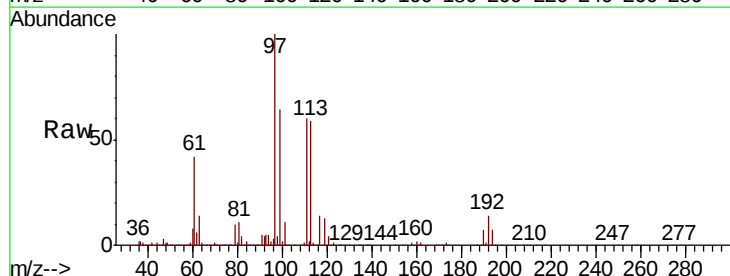
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

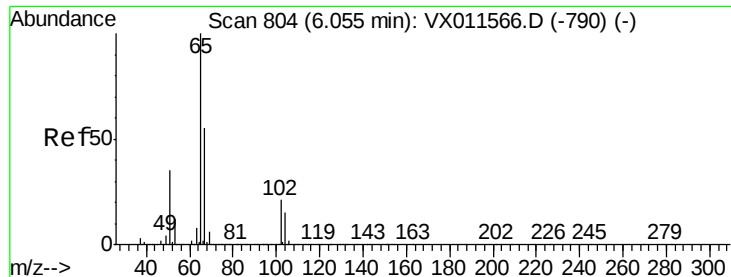
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.8	37.2
84	89.9	67.9	101.9



#32
1,1,1-Trichloroethane
Concen: 52.132 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	41.2	31.4	47.2





#33

1,2-Dichloroethane-d4

Concen: 49.587 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

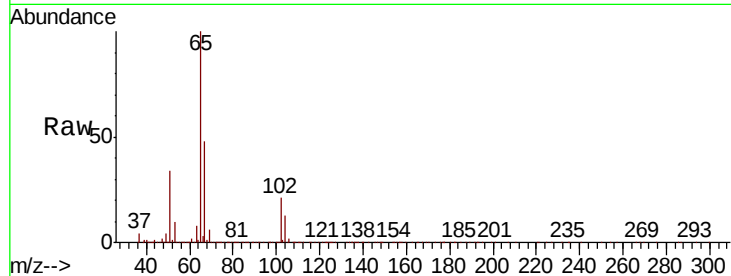
VSTDCCC050

Tgt Ion: 65 Resp: 146401

Ion Ratio Lower Upper

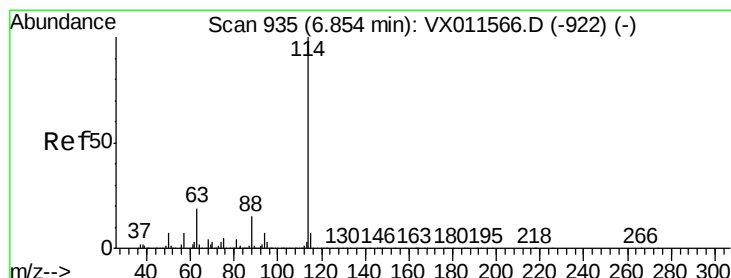
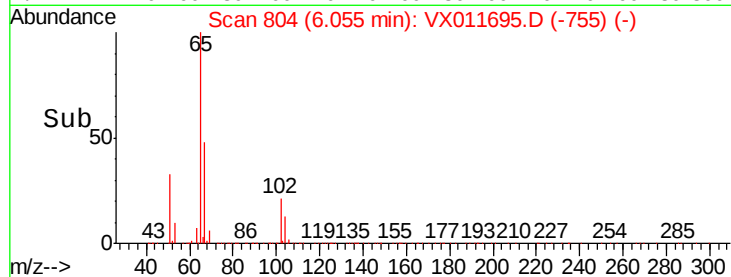
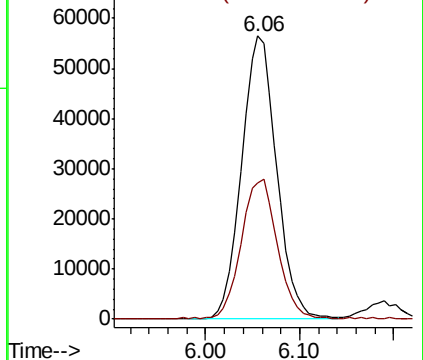
65 100

67 50.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

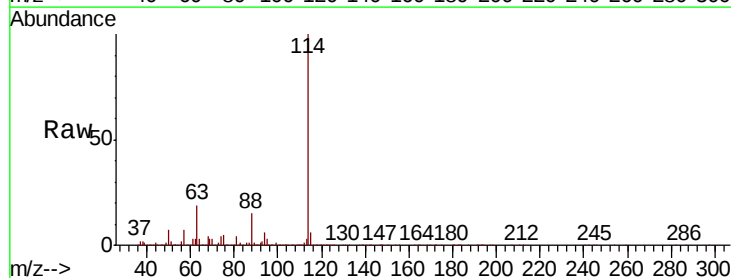
Tgt Ion: 114 Resp: 438021

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

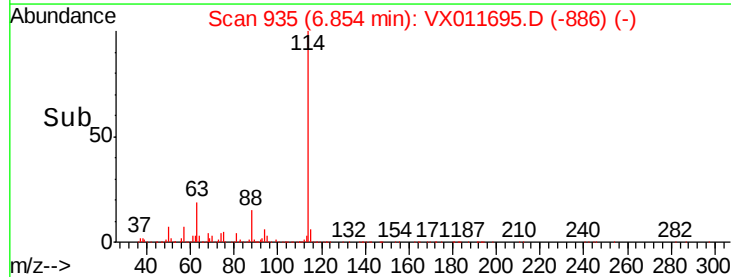
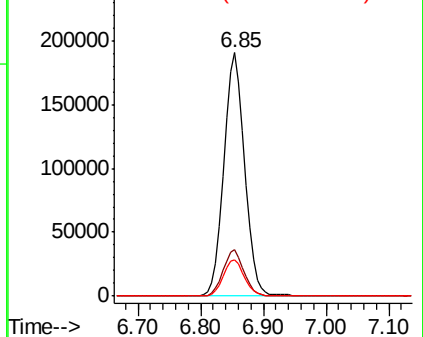
88 14.9 0.0 30.2

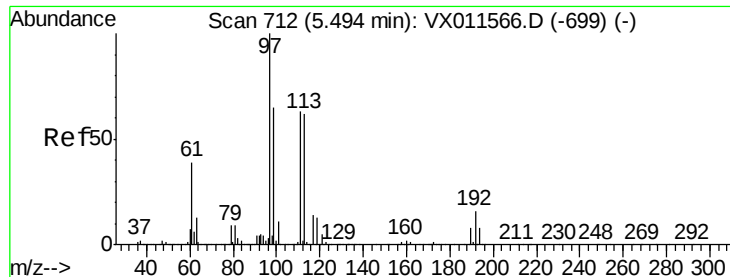


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

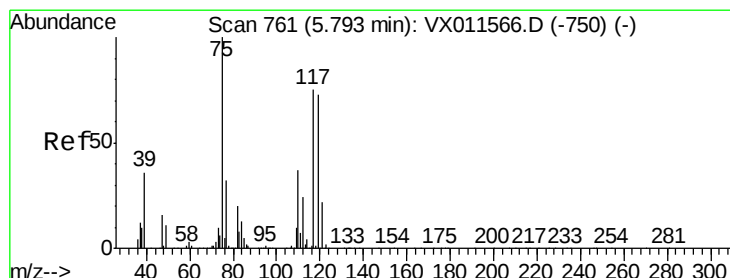
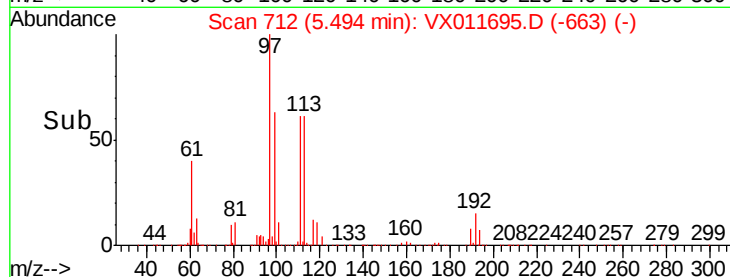
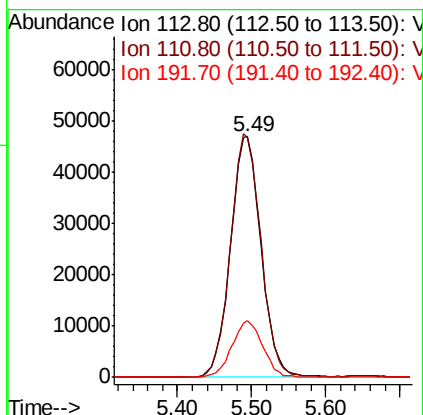
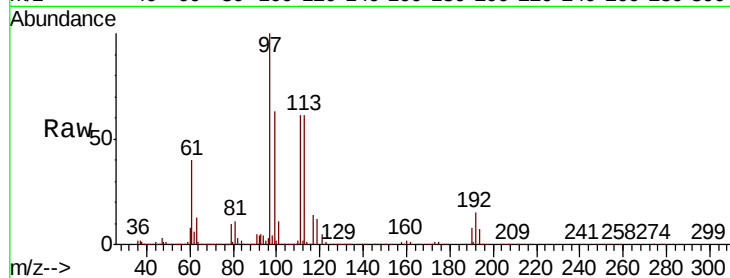




#35
 Dibromofluoromethane
 Concen: 47.067 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

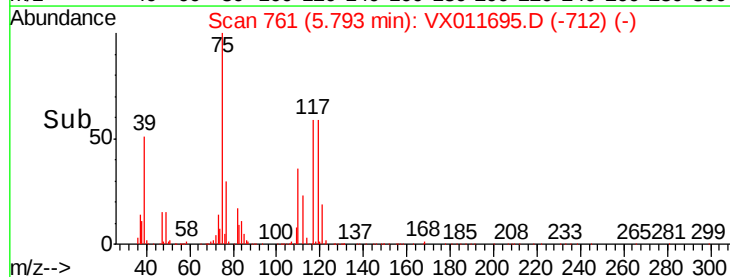
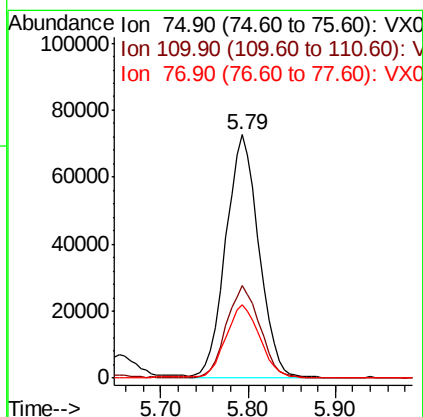
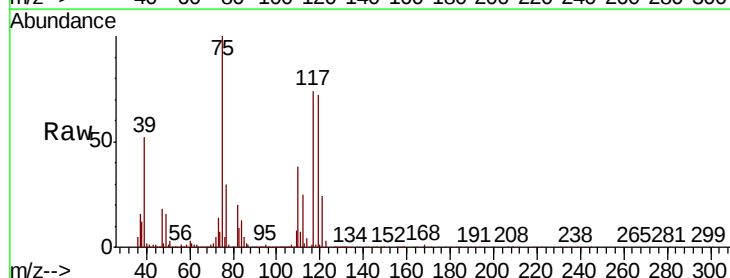
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

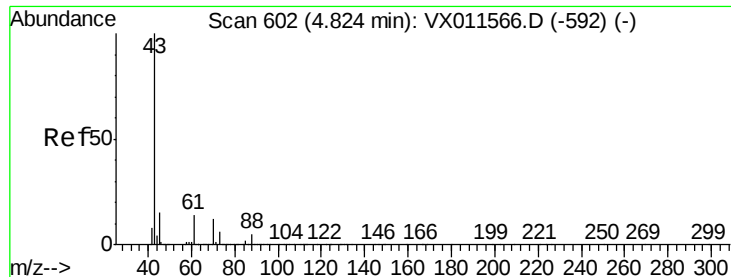
Tgt Ion:113 Resp: 134843
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.1 121.7
 192 23.8 20.8 31.2



#36
 1,1-Dichloropropene
 Concen: 50.748 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion: 75 Resp: 190052
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.4 58.1
 77 30.8 25.1 37.7

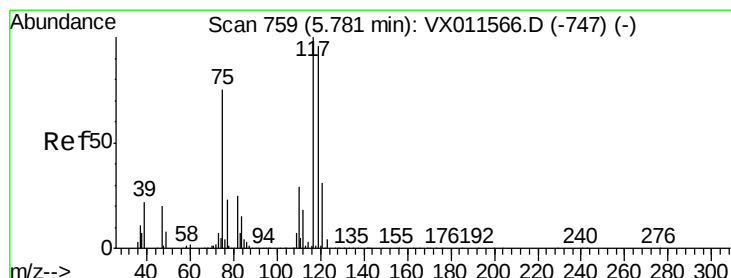
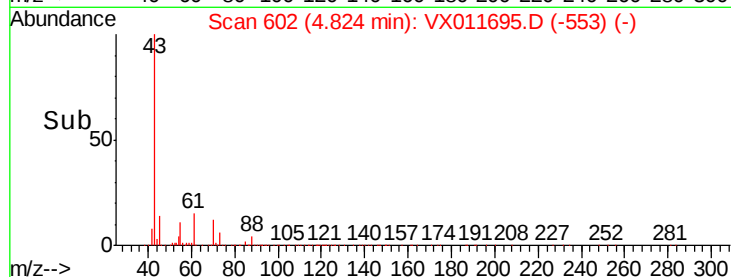
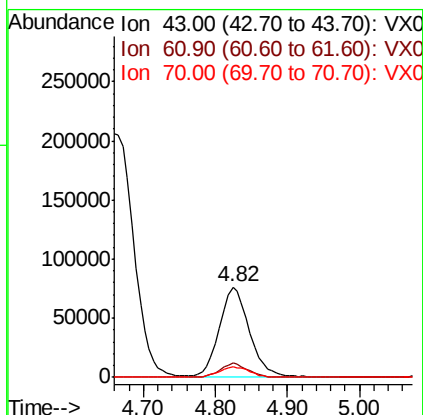
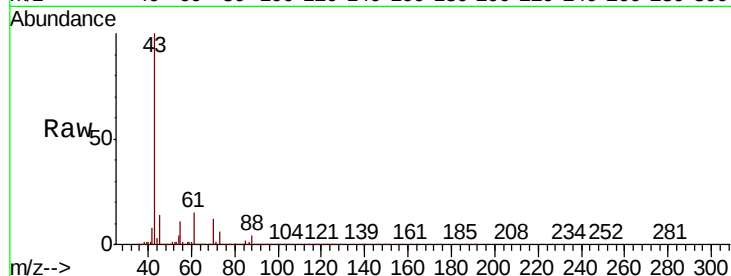




#37
Ethyl Acetate
Concen: 51.094 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

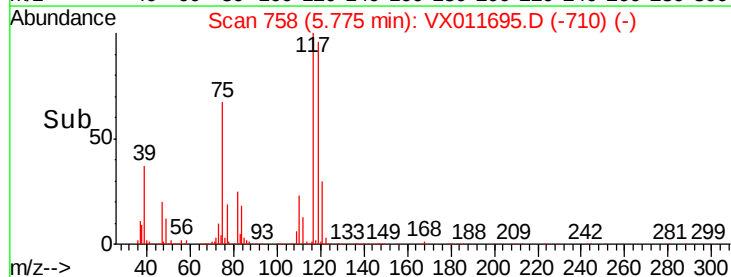
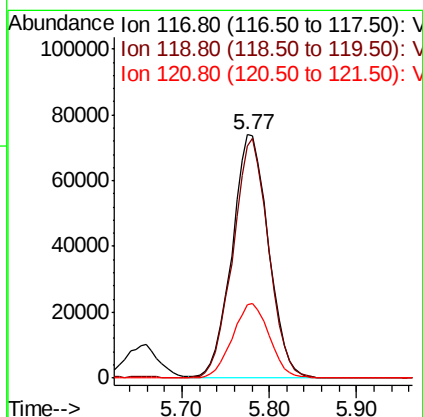
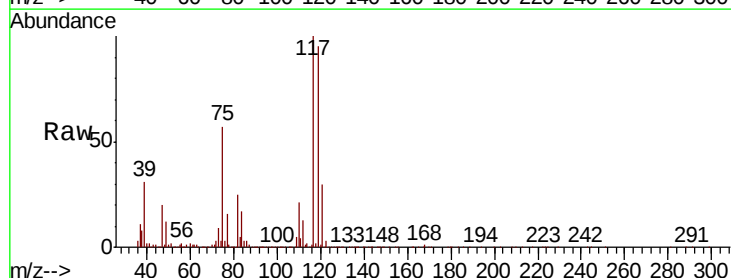
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

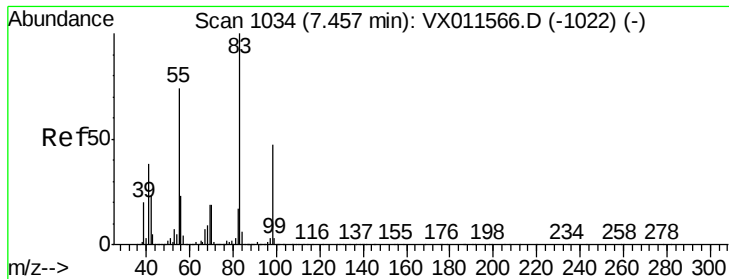
Tgt Ion: 43 Resp: 220084
Ion Ratio Lower Upper
43 100
61 13.9 11.4 17.0
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 51.831 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion: 117 Resp: 213855
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3
121 30.2 24.8 37.2

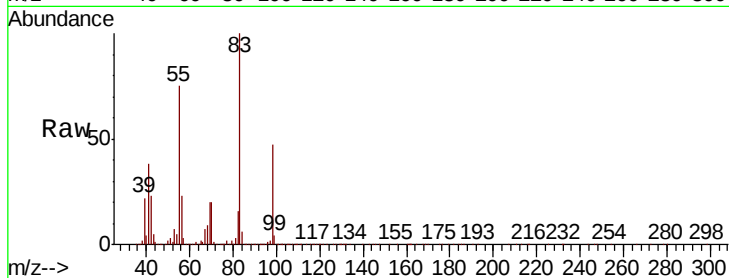




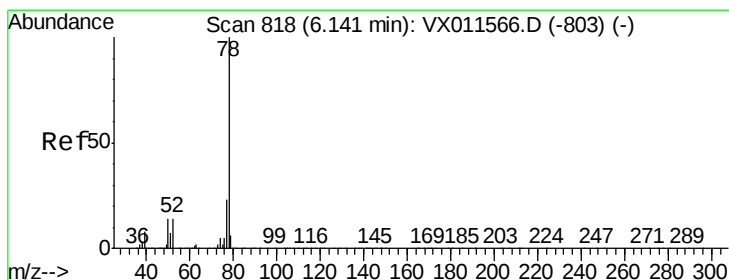
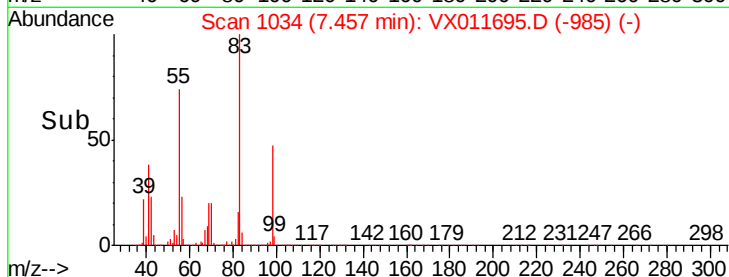
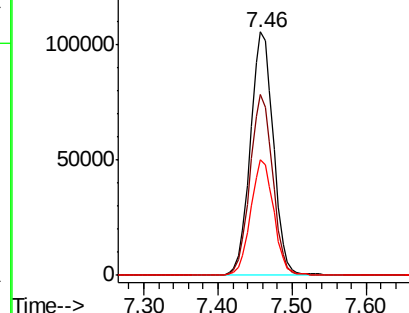
#39
Methylcyclohexane
Concen: 49.582 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.5	58.8	88.2
98	47.3	37.8	56.6

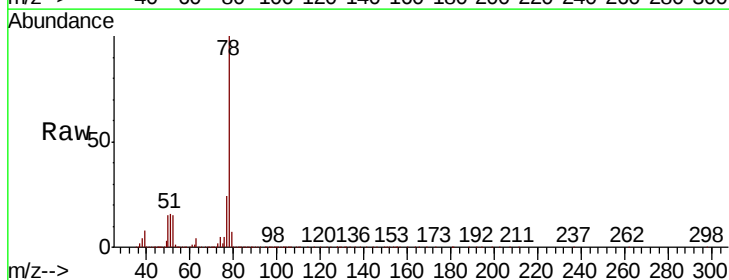


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

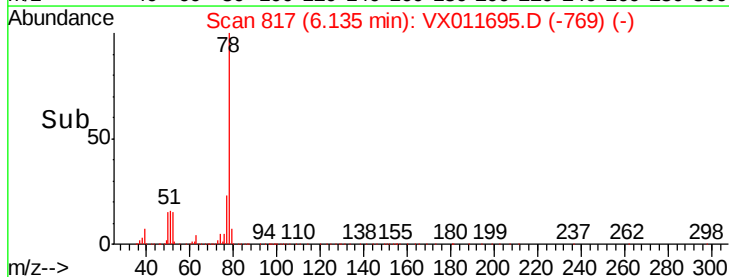
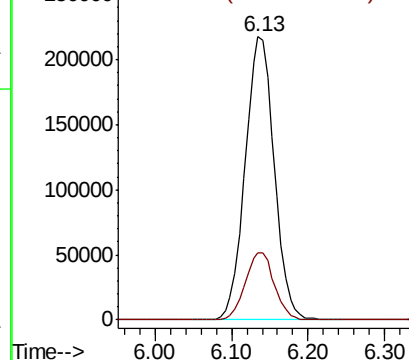


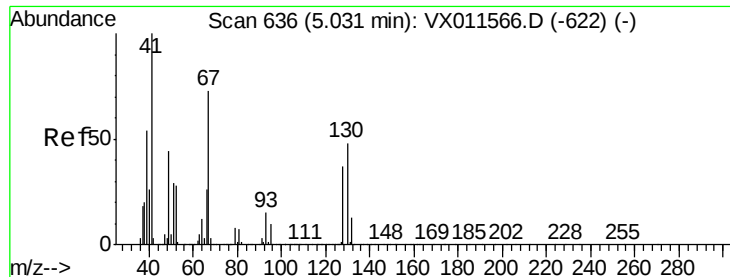
#40
Benzene
Concen: 49.225 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0



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





#41

Methacrylonitrile

Concen: 53.141 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 125981

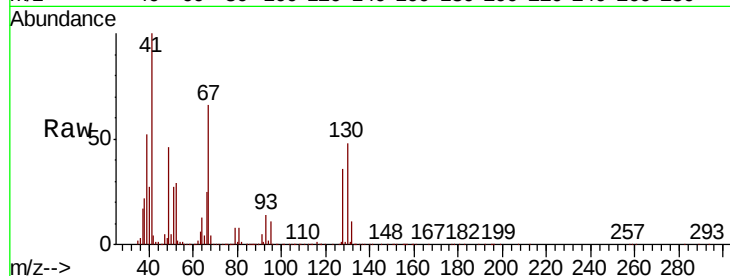
Ion Ratio Lower Upper

41 100

39 52.4 43.5 65.3

67 71.6 59.4 89.2

52 28.5 23.4 35.2

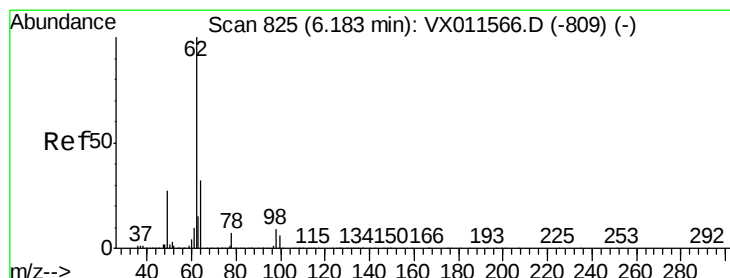
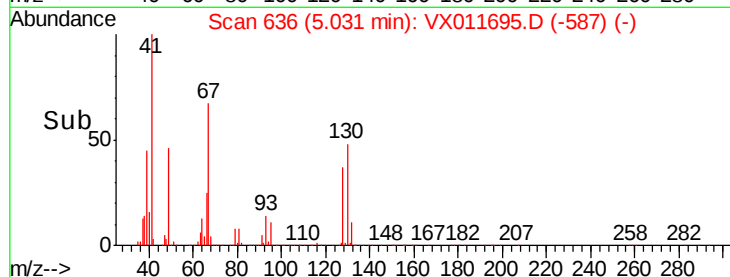
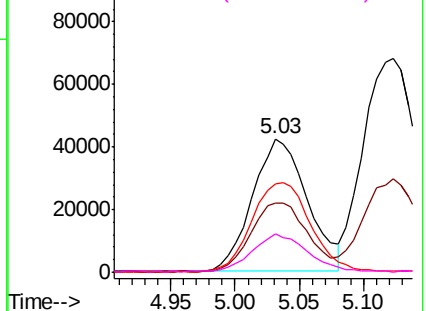


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.807 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX011695.D

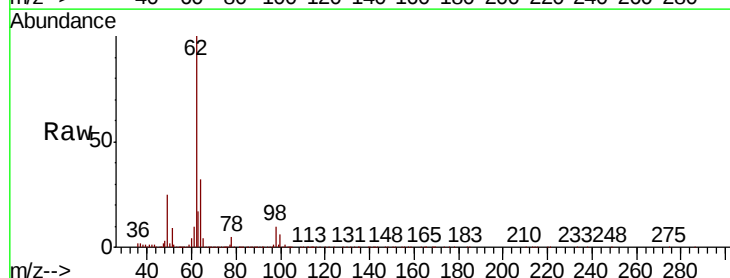
Acq: 20 Aug 2019 19:43

Tgt Ion: 62 Resp: 216958

Ion Ratio Lower Upper

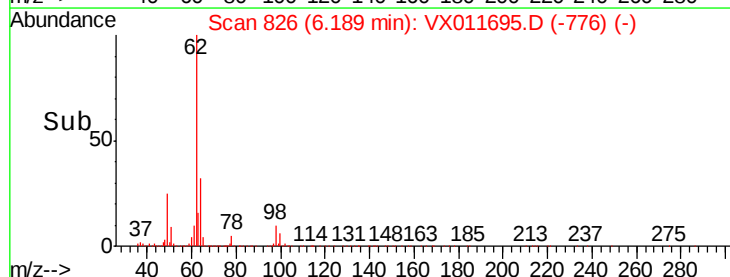
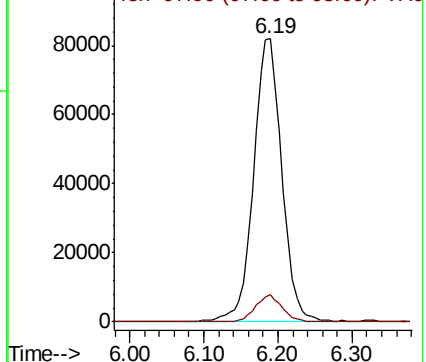
62 100

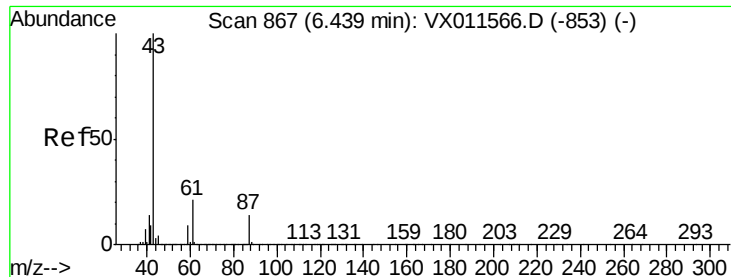
98 9.3 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.992 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

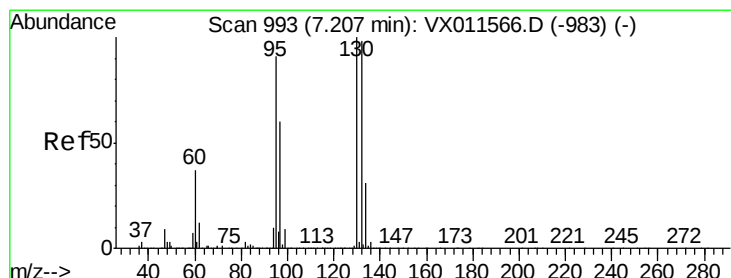
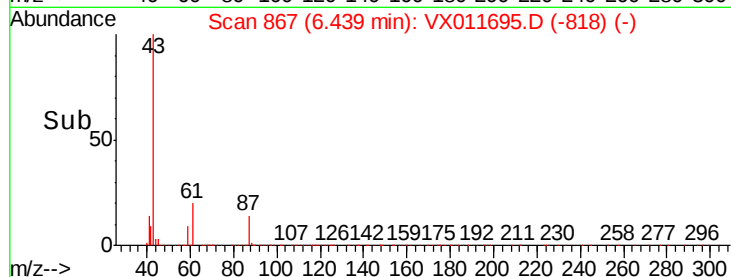
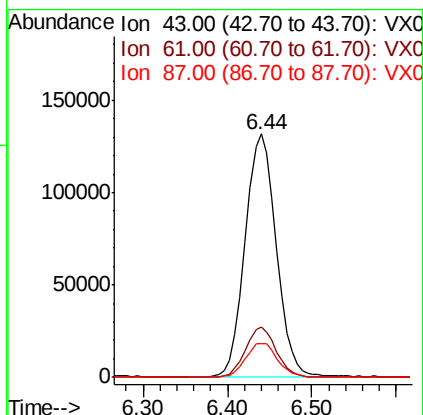
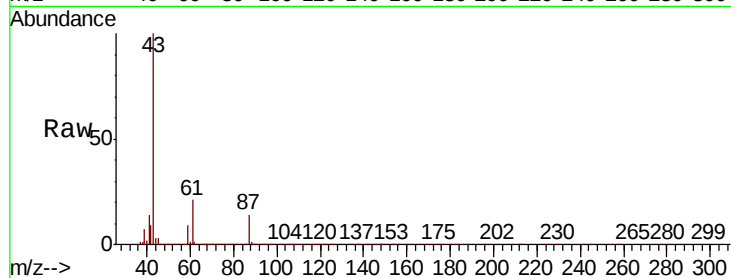
Tgt Ion: 43 Resp: 329339

Ion Ratio Lower Upper

43 100

61 20.3 16.6 24.8

87 14.5 11.4 17.2



#44

Trichloroethene

Concen: 49.623 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011695.D

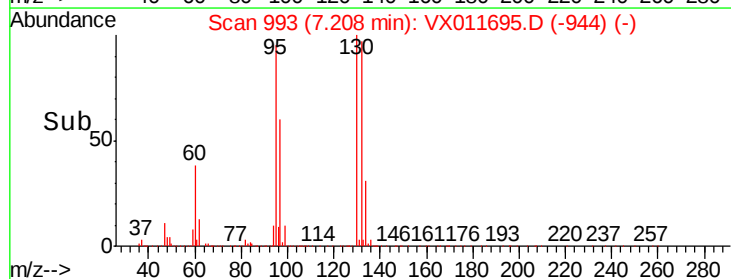
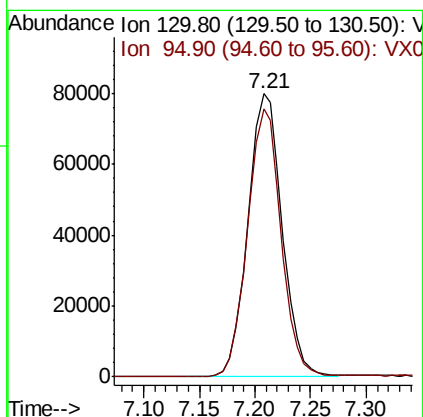
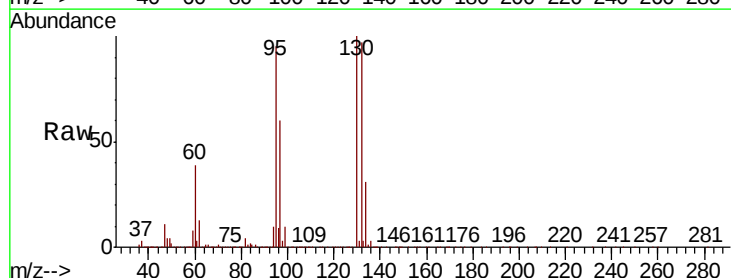
Acq: 20 Aug 2019 19:43

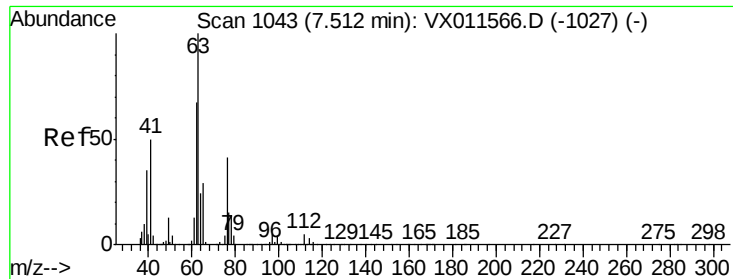
Tgt Ion: 130 Resp: 171321

Ion Ratio Lower Upper

130 100

95 94.6 0.0 181.4

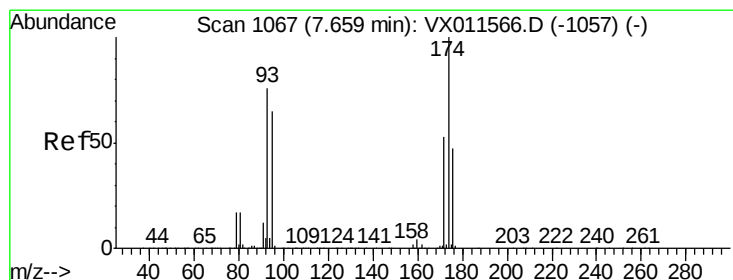
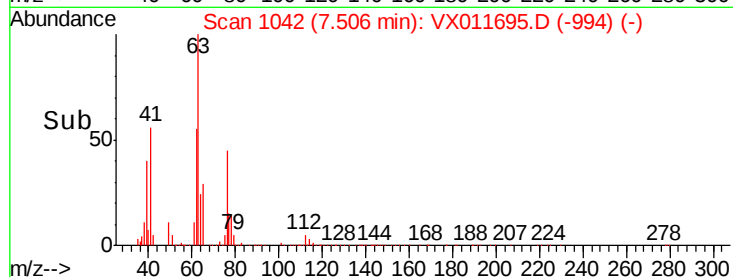
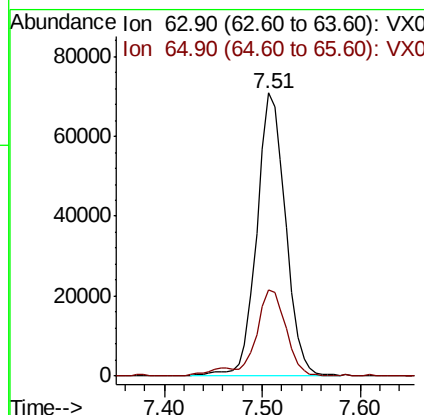
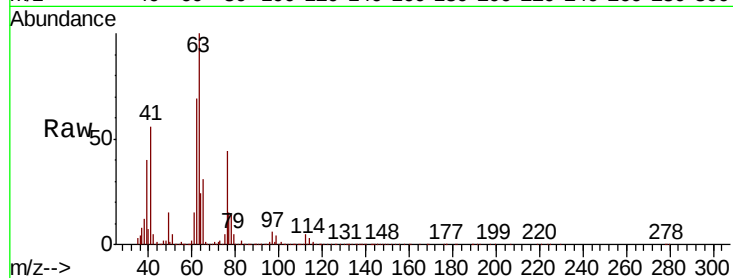




#45
 1,2-Dichloropropane
 Concen: 49.769 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

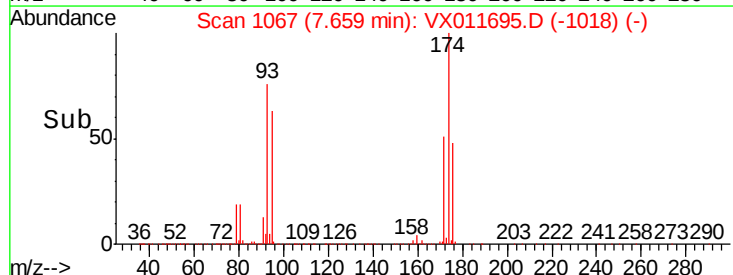
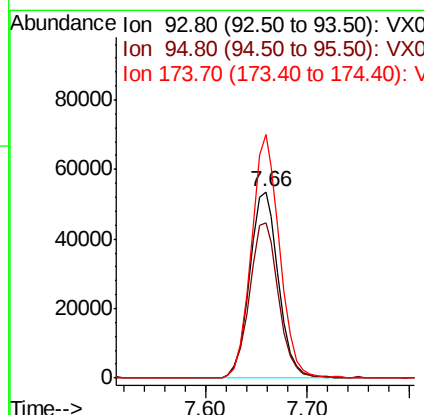
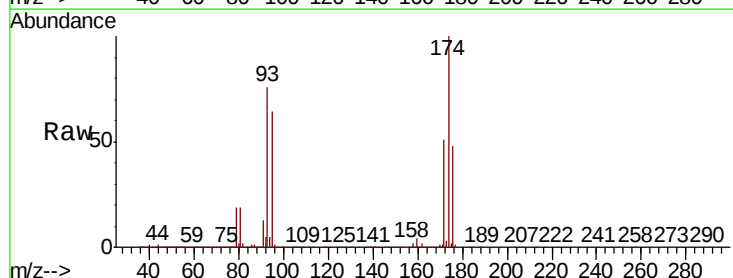
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

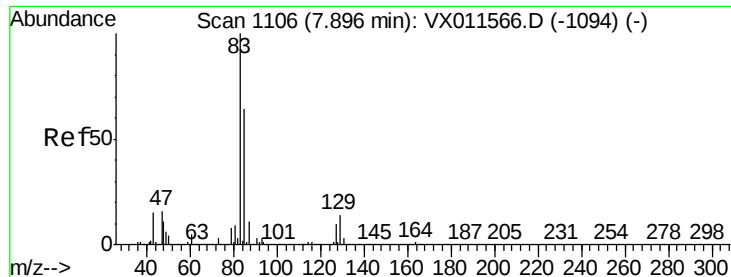
Tgt Ion: 63 Resp: 144449
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.4 35.2



#46
 Dibromomethane
 Concen: 50.058 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion: 93 Resp: 105581
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.2 100.8
 174 127.4 105.5 158.3





#47

Bromodichloromethane

Concen: 51.497 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

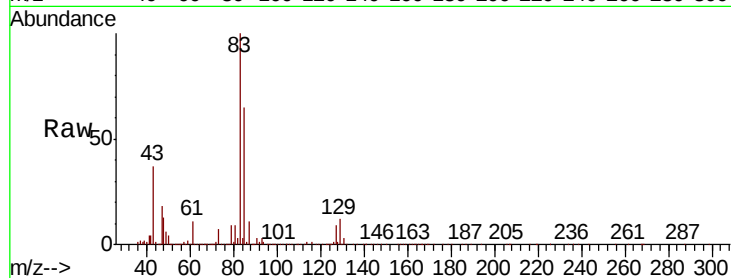
Tgt Ion: 83 Resp: 199430

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

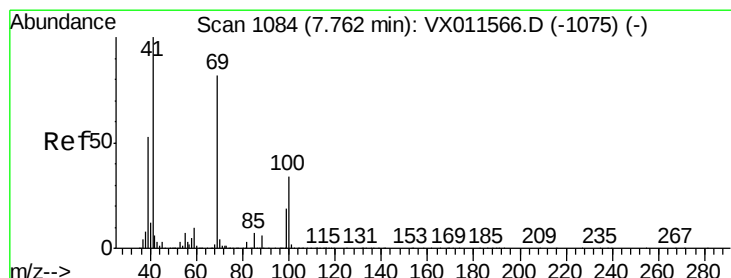
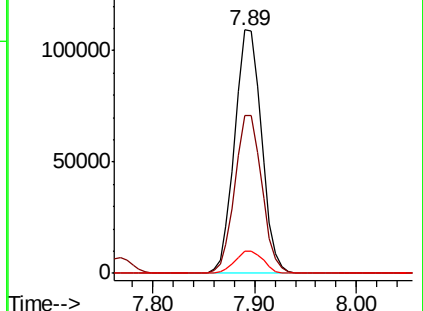
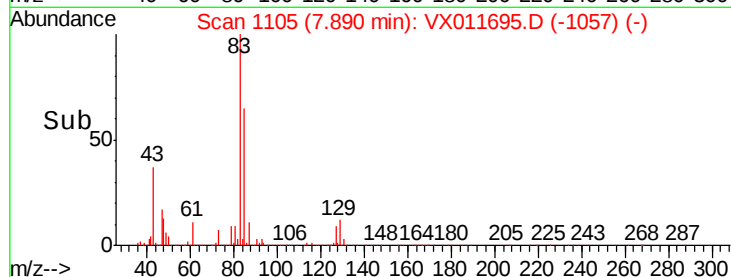
127 9.2 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.957 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

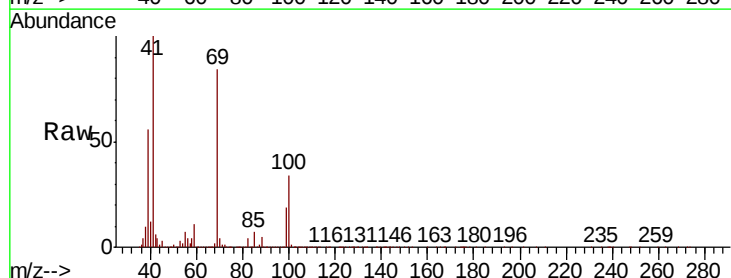
Tgt Ion: 41 Resp: 169637

Ion Ratio Lower Upper

41 100

69 83.4 67.9 101.9

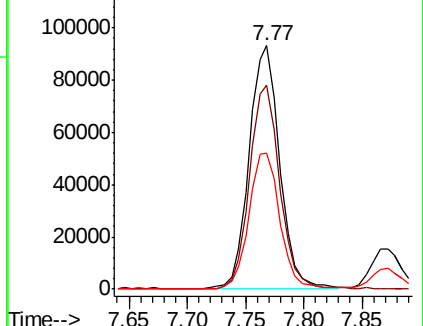
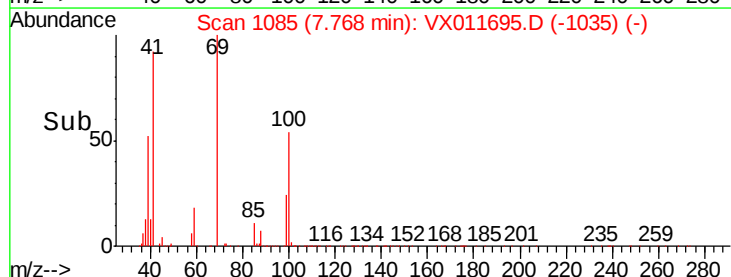
39 56.6 41.6 62.4

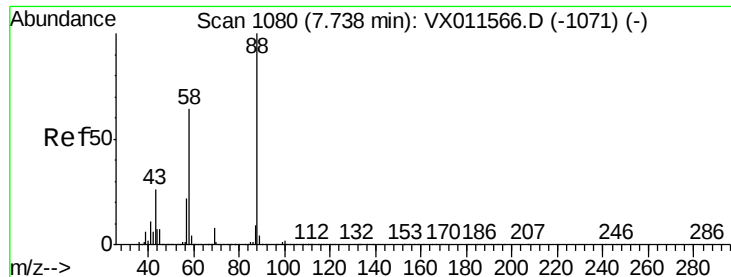


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

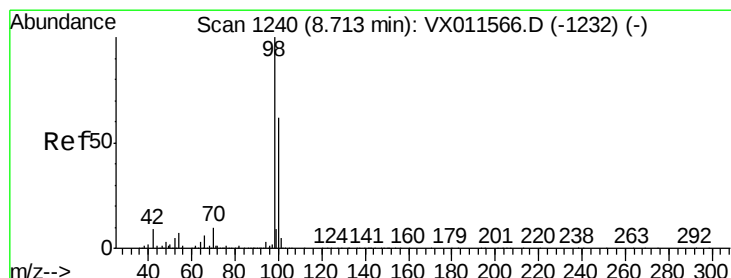
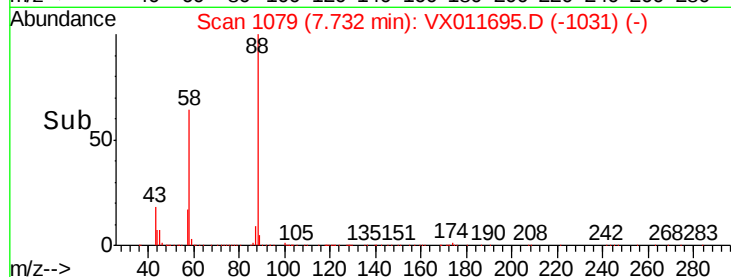
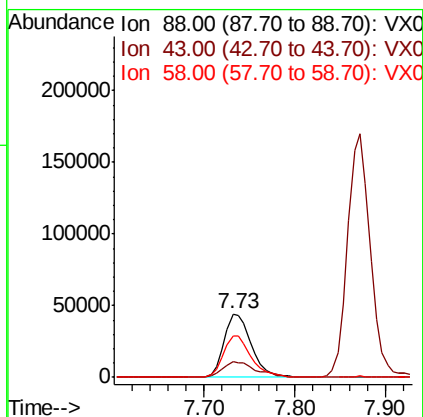
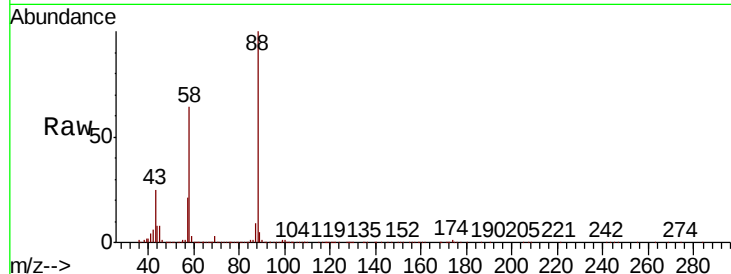




#49
1,4-Dioxane
Concen: 1037.826 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

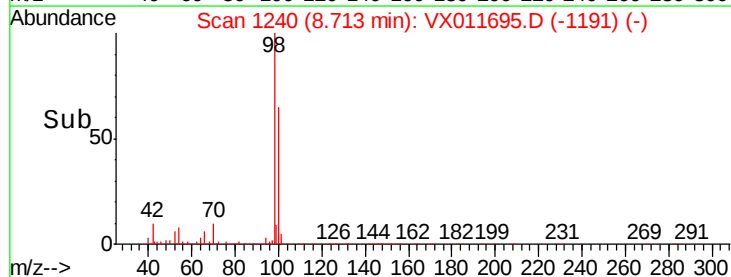
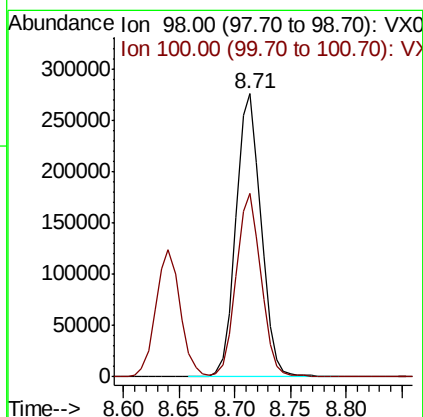
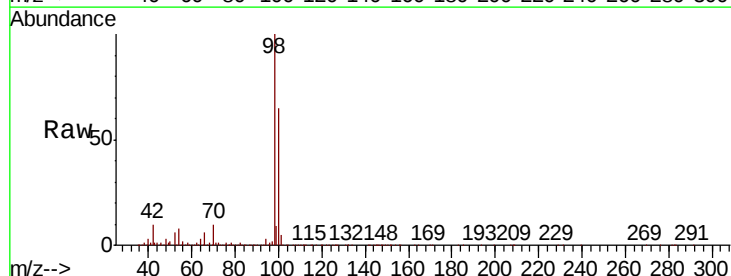
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

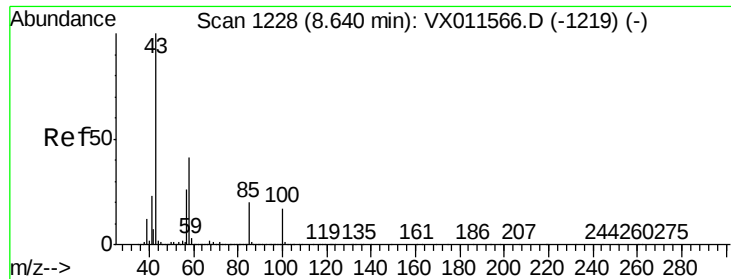
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.5	23.4	35.0
58	65.8	54.3	81.5



#50
Toluene-d8
Concen: 48.041 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6

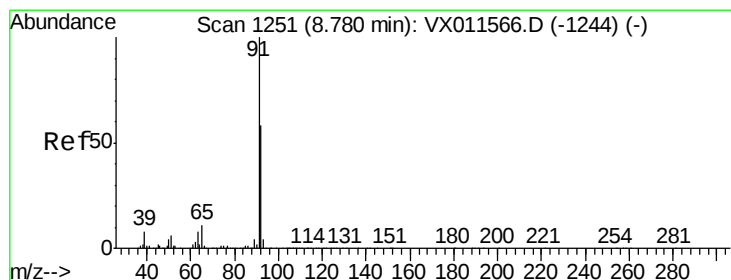
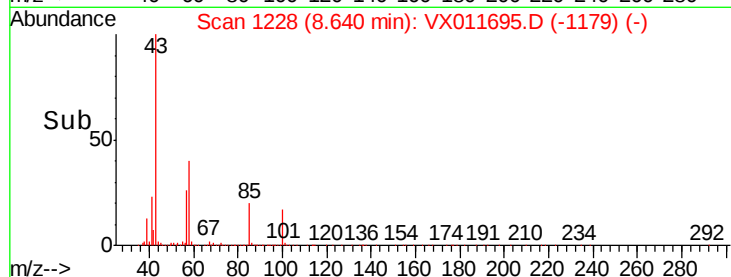
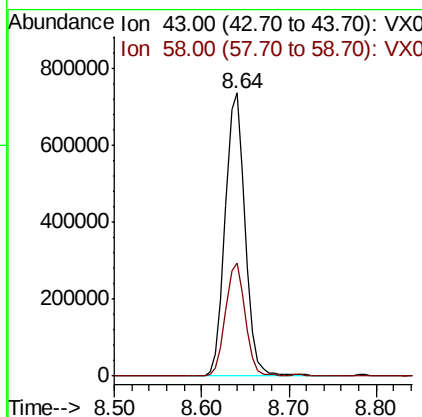
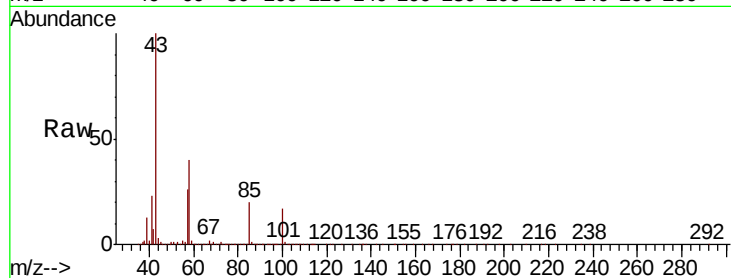




#51
 4-Methyl-2-Pentanone
 Concen: 263.494 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

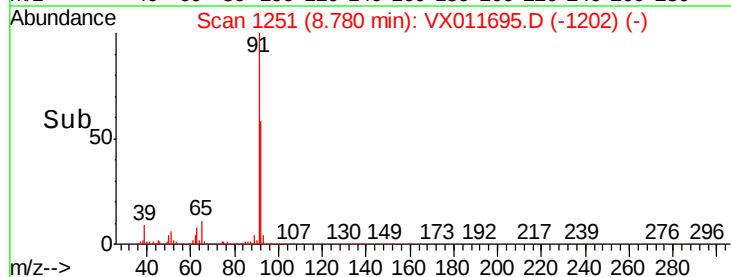
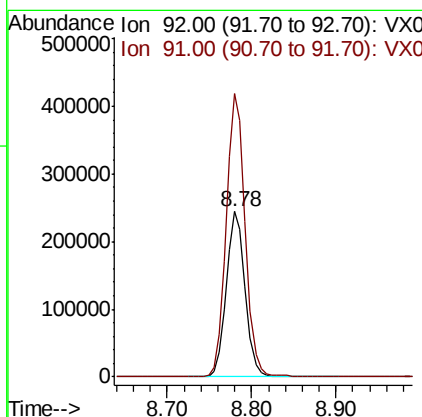
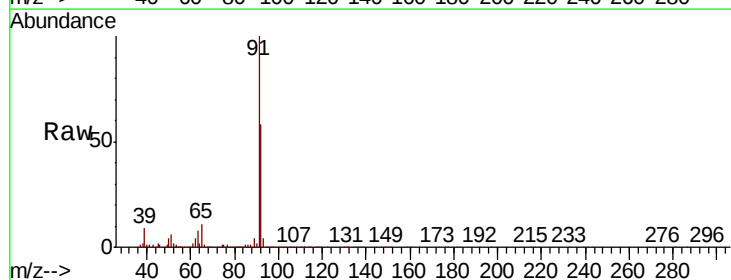
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

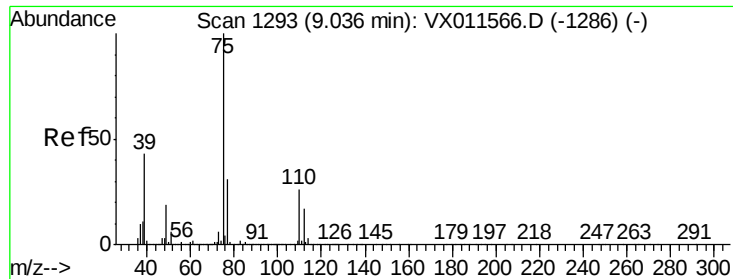
Tgt Ion: 43 Resp: 1159387
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.8 47.6



#52
 Toluene
 Concen: 50.598 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion: 92 Resp: 375156
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.0 207.0

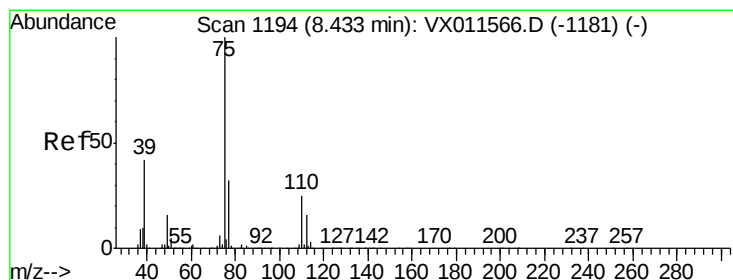
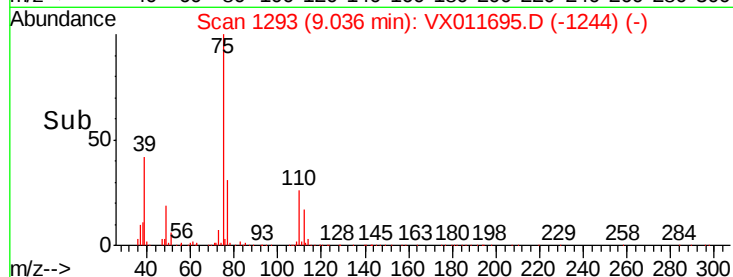
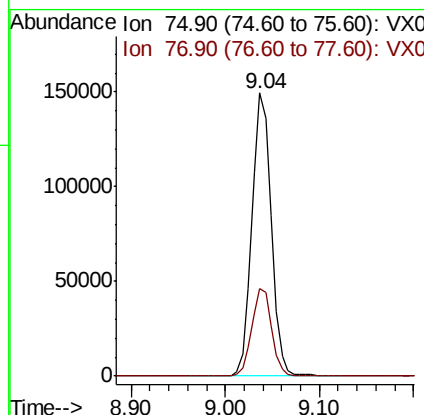
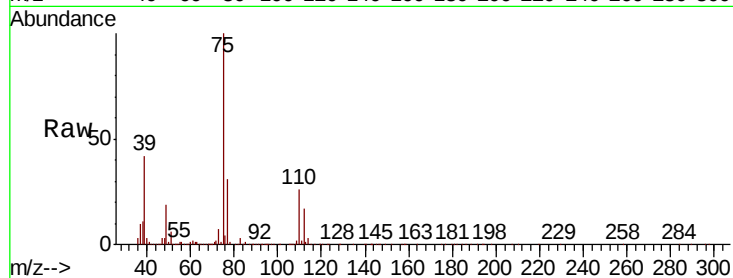




#53
 t-1,3-Dichloropropene
 Concen: 53.600 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

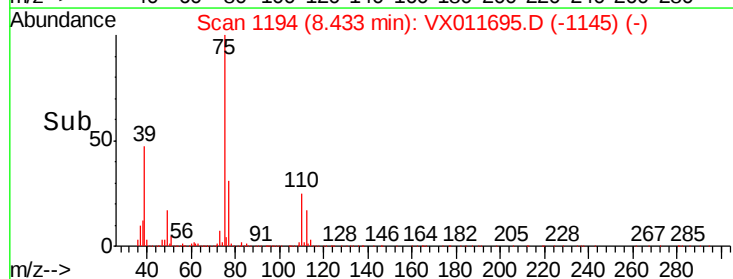
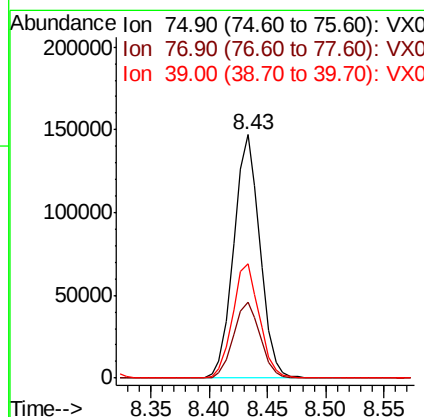
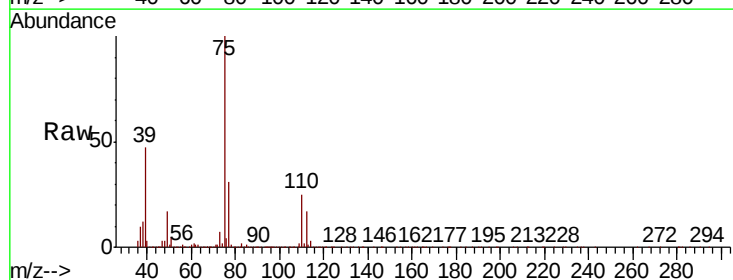
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

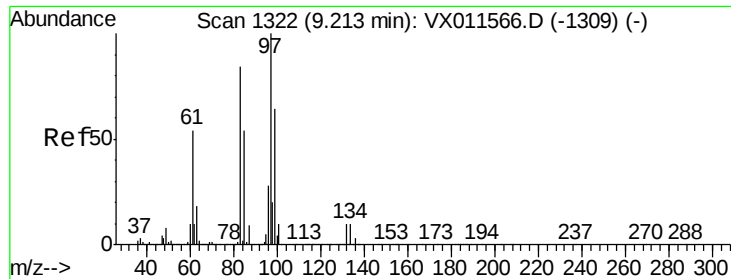
Tgt Ion: 75 Resp: 215431
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.314 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion: 75 Resp: 230104
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3
 39 46.7 33.6 50.4

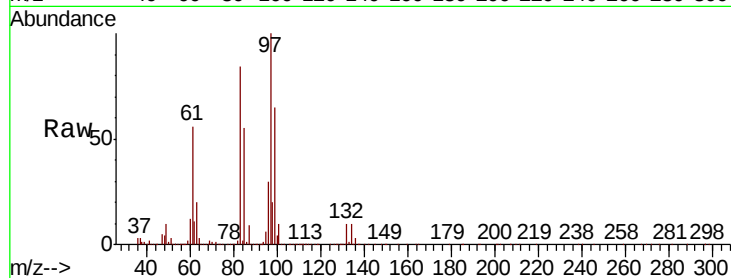




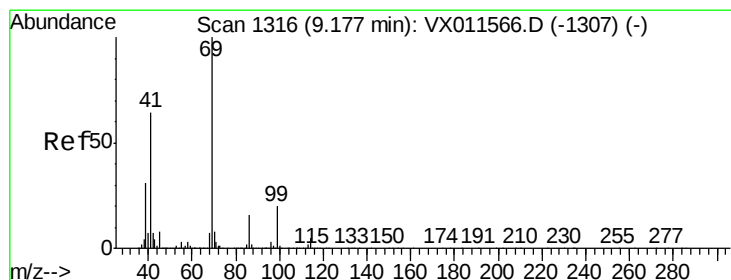
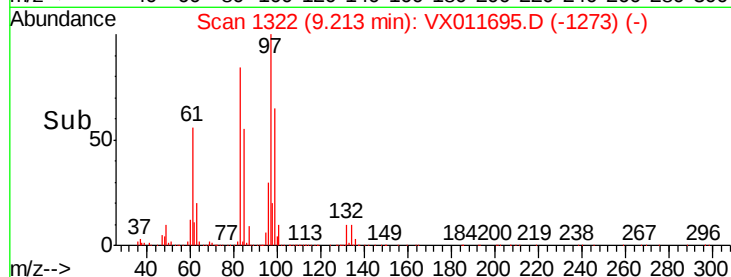
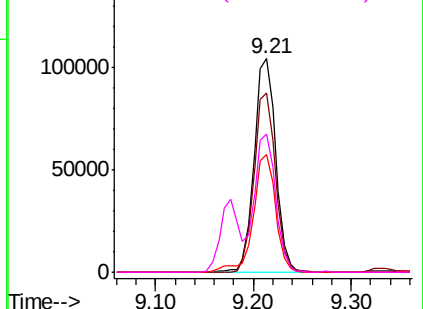
#55
 1,1,2-Trichloroethane
 Concen: 50.573 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	159457
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.4	101.0
85	54.9	43.4	65.2
99	64.6	51.1	76.7

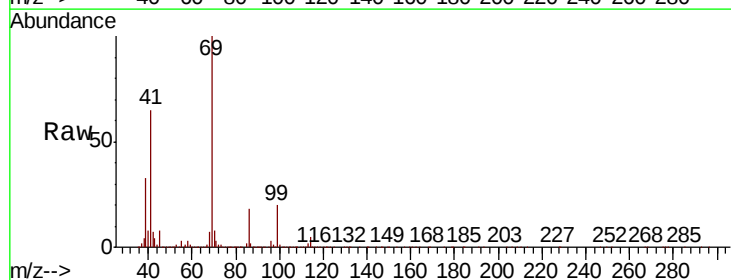


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

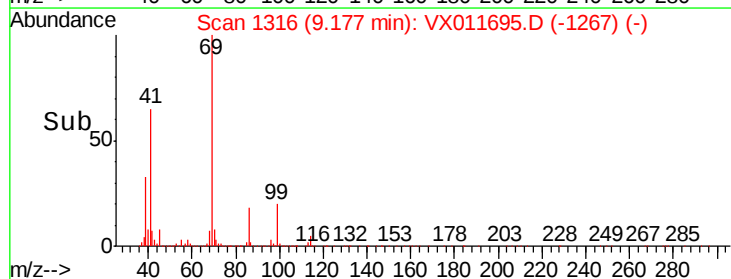
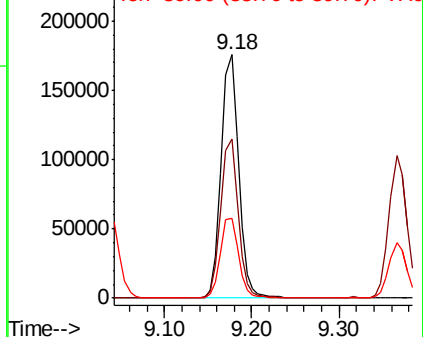


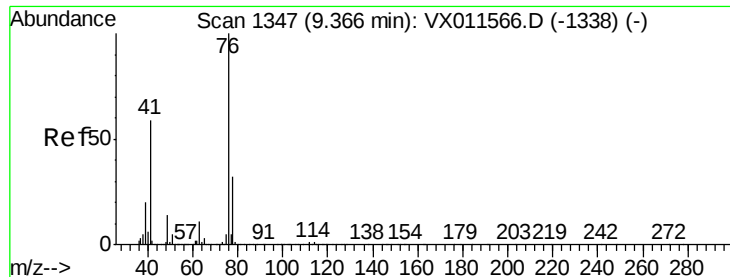
#56
 Ethyl methacrylate
 Concen: 53.175 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion:	69	Resp:	243684
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.1	78.1
39	33.6	25.4	38.0



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: 49.293 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

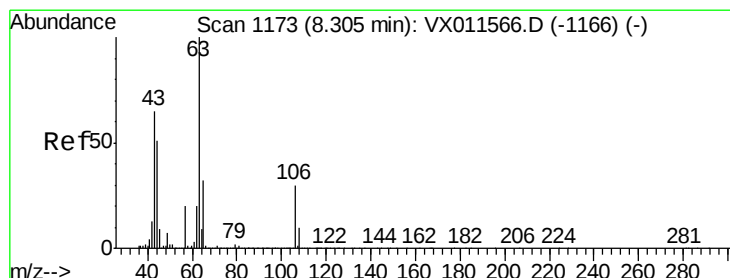
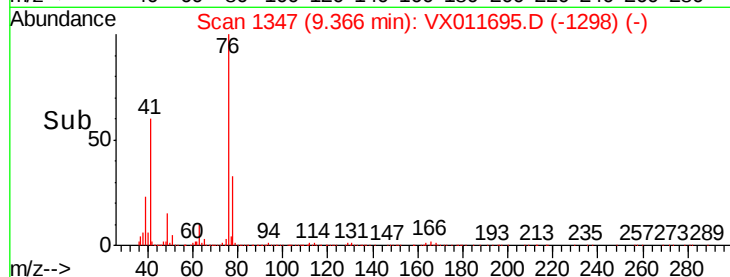
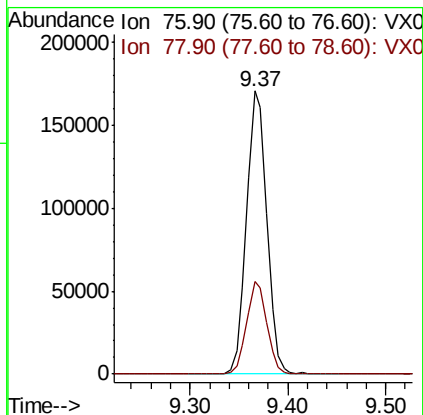
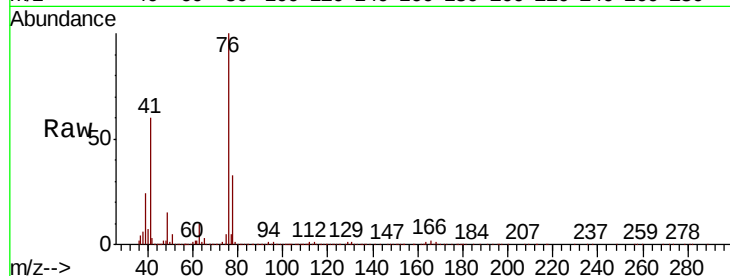
VSTDCCC050

Tgt Ion: 76 Resp: 247051

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 251.237 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011695.D

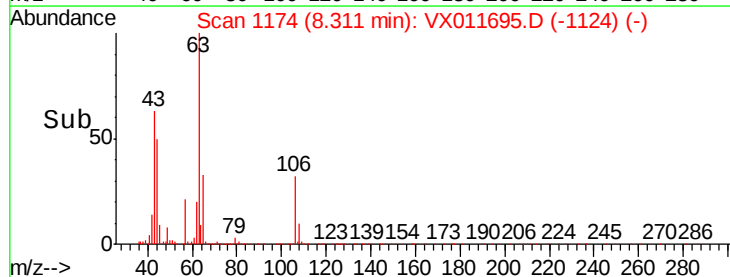
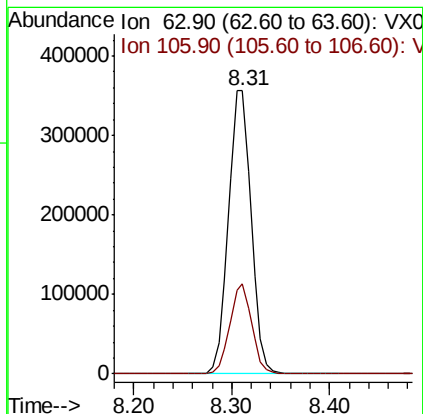
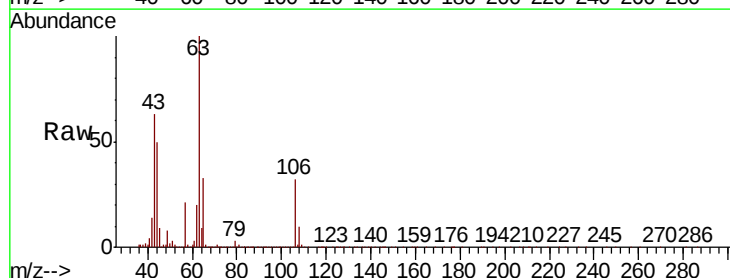
Acq: 20 Aug 2019 19:43

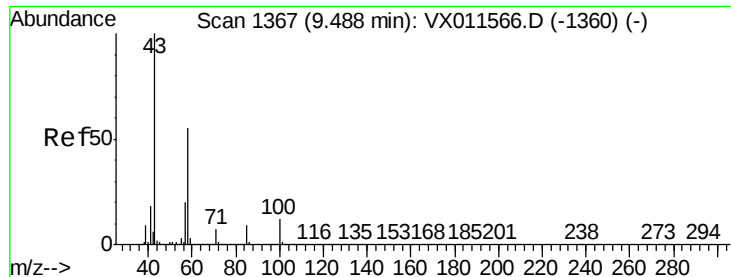
Tgt Ion: 63 Resp: 573669

Ion Ratio Lower Upper

63 100

106 30.7 24.7 37.1

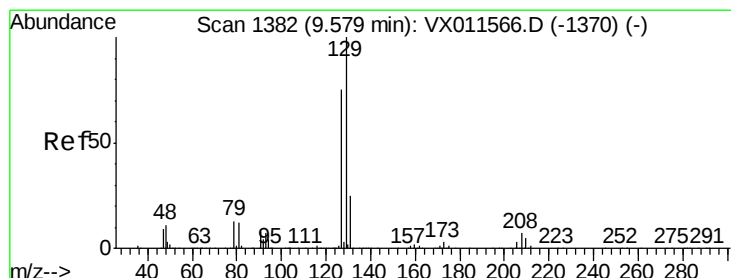
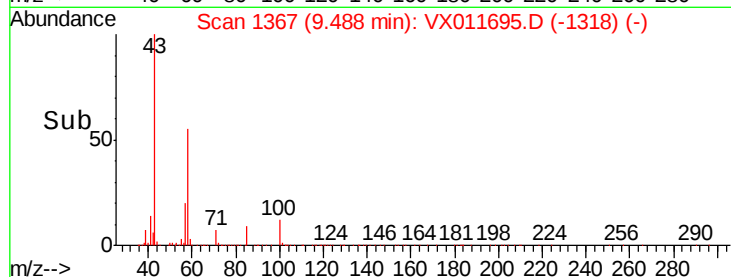
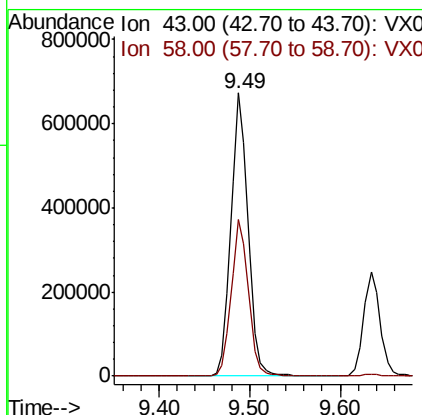
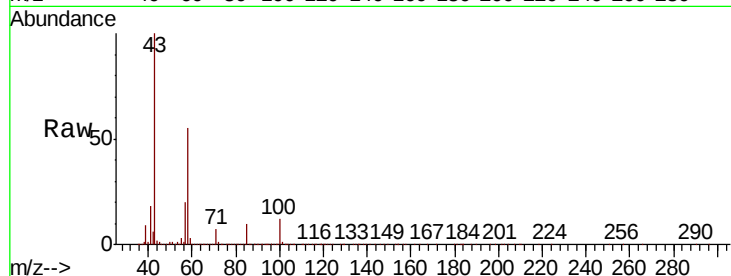




#59
2-Hexanone
Concen: 260.020 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

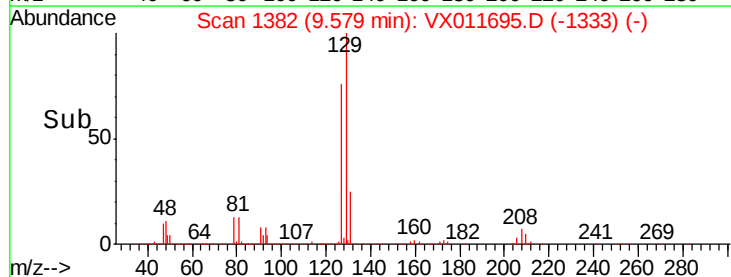
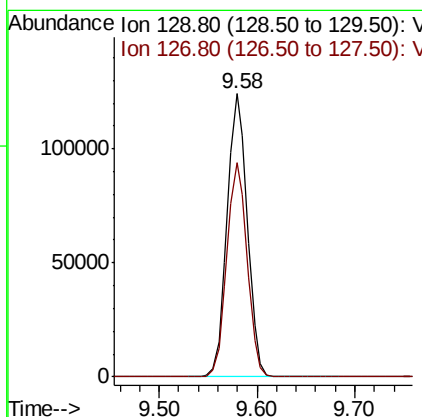
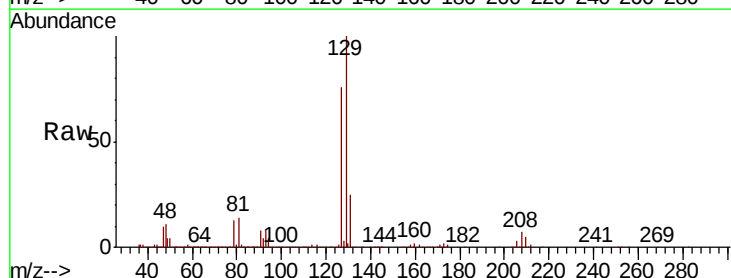
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

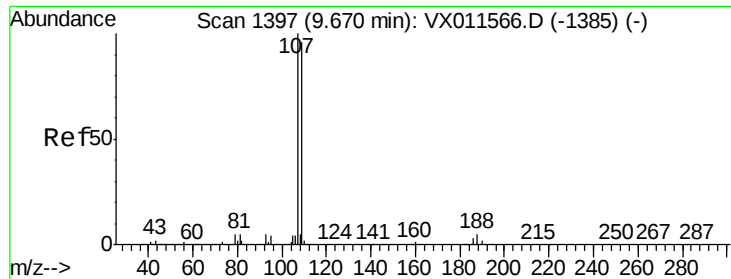
Tgt Ion: 43 Resp: 882281
Ion Ratio Lower Upper
43 100
58 55.6 27.5 82.4



#60
Dibromochloromethane
Concen: 54.289 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion: 129 Resp: 178344
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 51.603 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

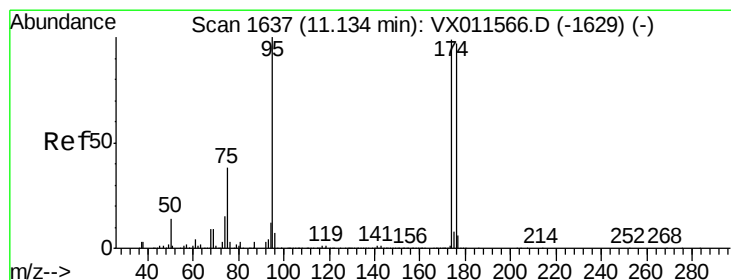
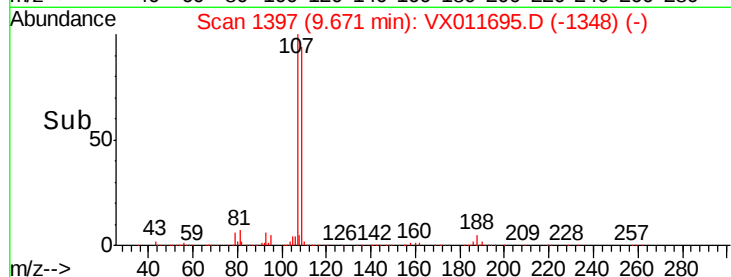
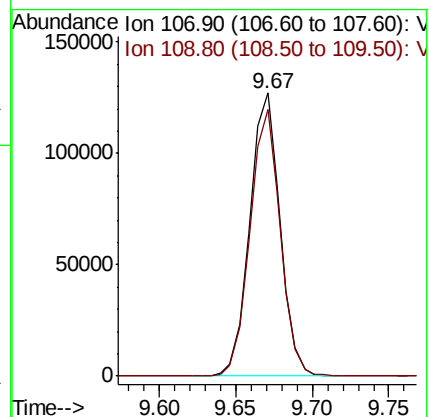
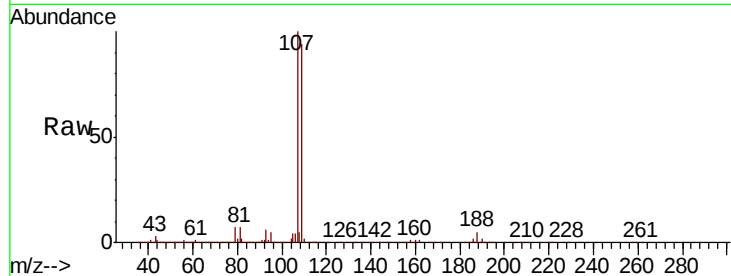
VSTDCCC050

Tgt Ion: 107 Resp: 173646

Ion Ratio Lower Upper

107 100

109 94.7 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 48.153 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

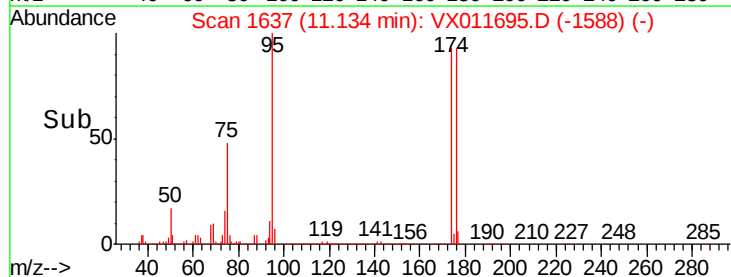
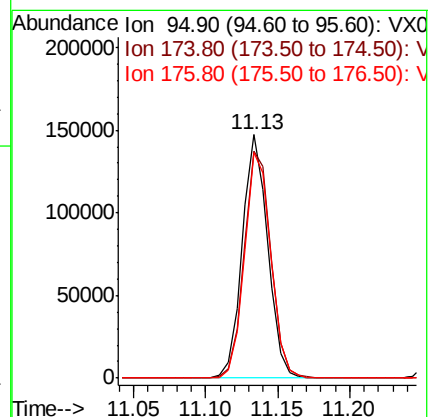
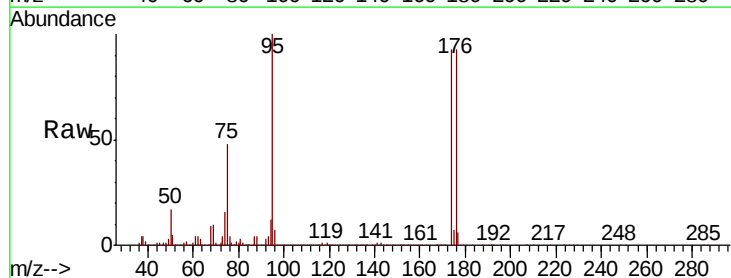
Tgt Ion: 95 Resp: 181432

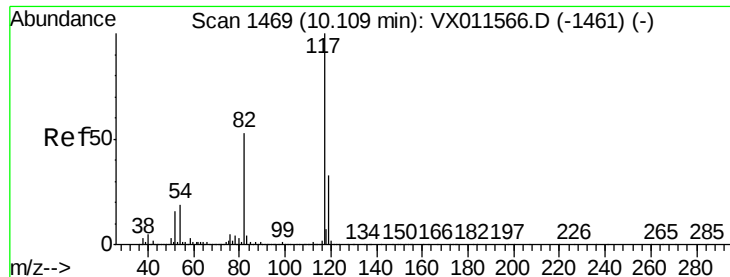
Ion Ratio Lower Upper

95 100

174 97.2 0.0 200.6

176 95.0 0.0 196.6

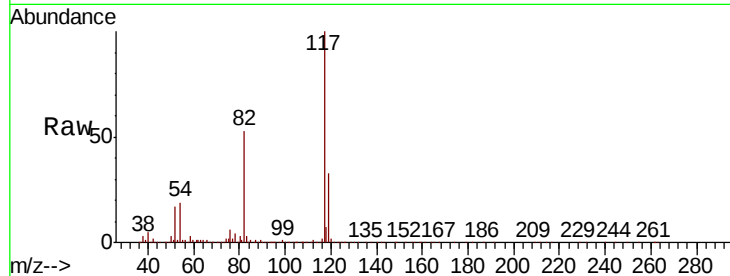




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.0	63.0
119	32.6	26.5	39.7

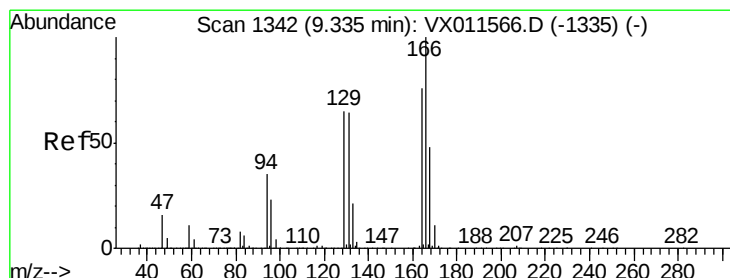
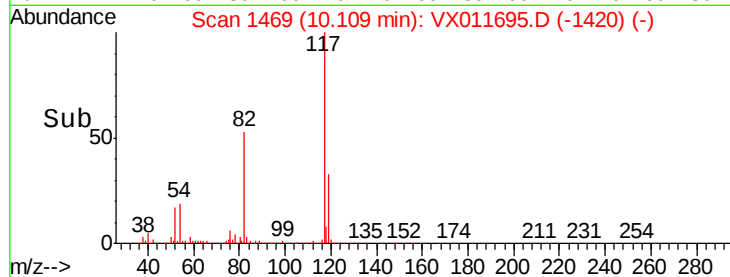
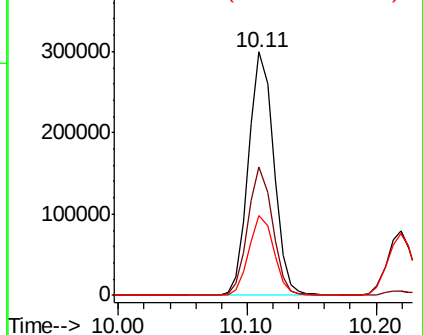


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.407 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	104.7	157.1
129	86.0	68.2	102.4
131	83.4	67.3	100.9

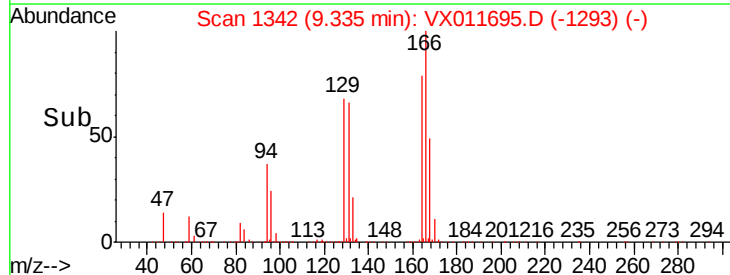
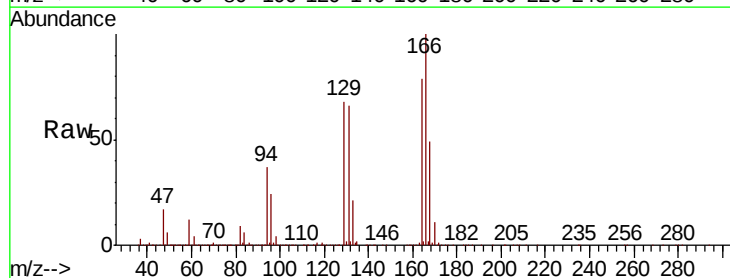
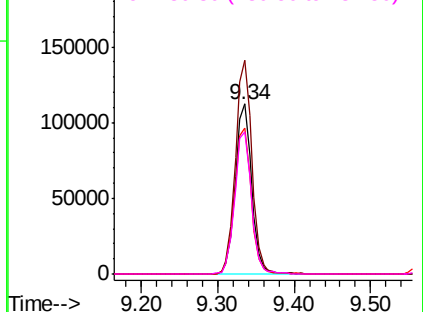
Abundance

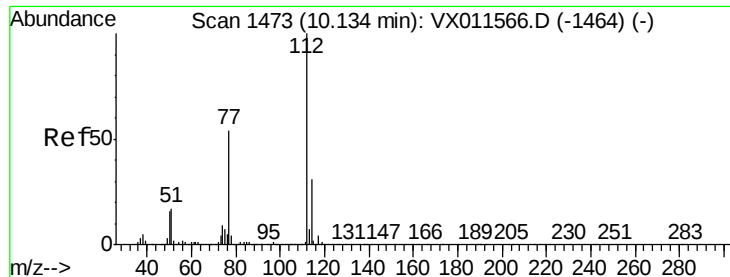
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.074 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

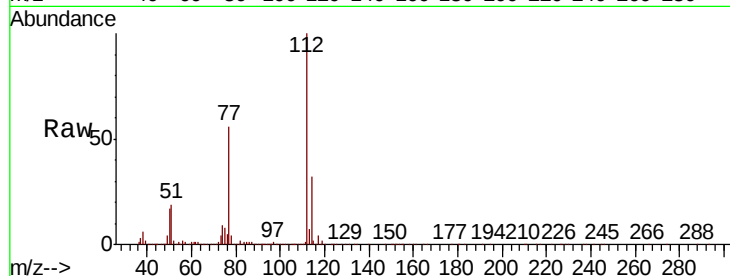
VSTDCCC050

Tgt Ion:112 Resp: 430089

Ion Ratio Lower Upper

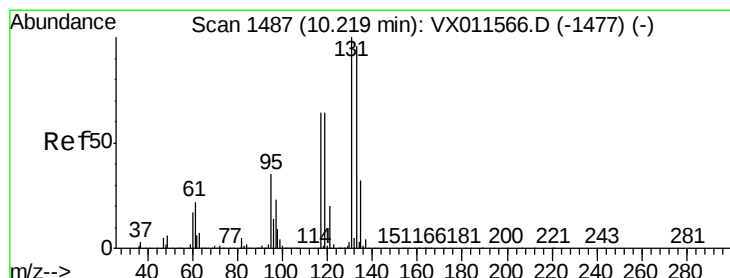
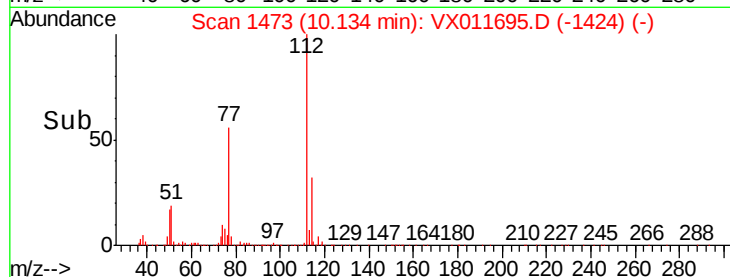
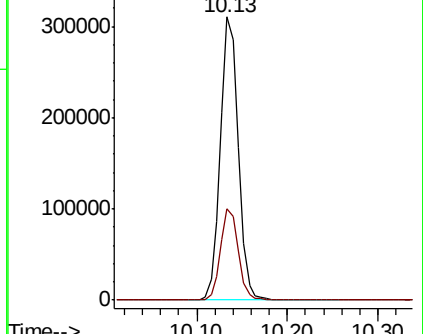
112 100

114 32.1 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.700 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

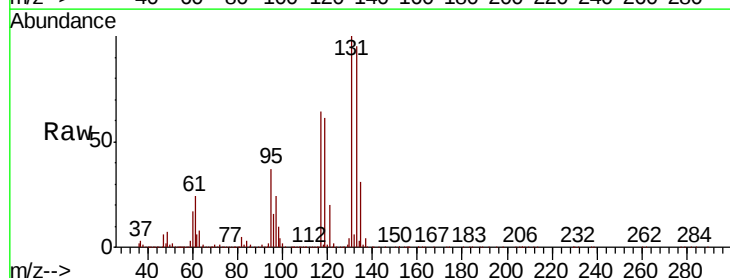
Tgt Ion:131 Resp: 165975

Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.4

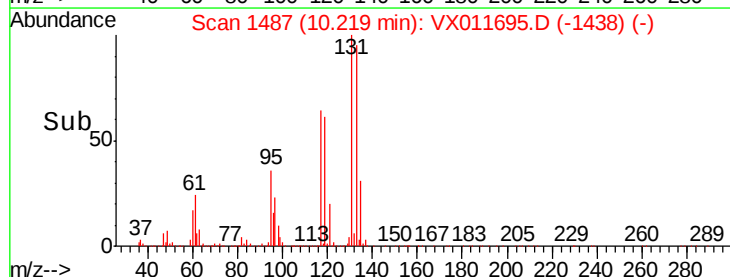
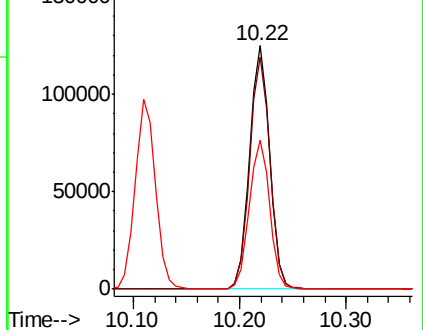
119 62.3 31.3 93.8

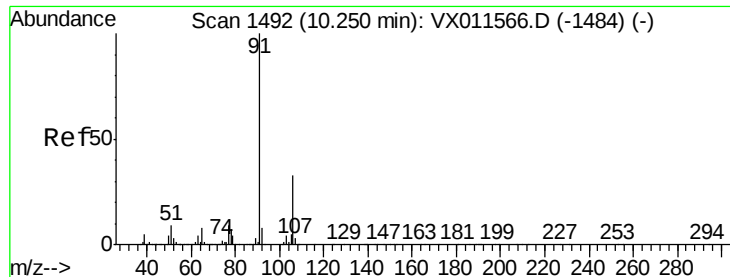


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

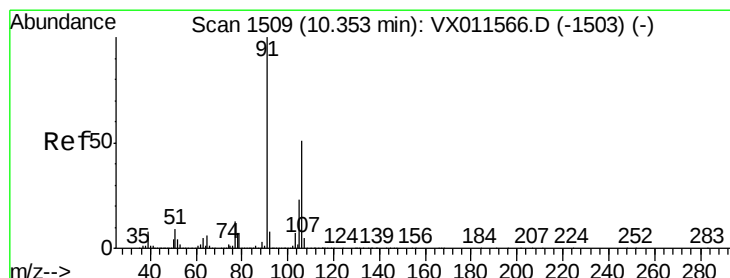
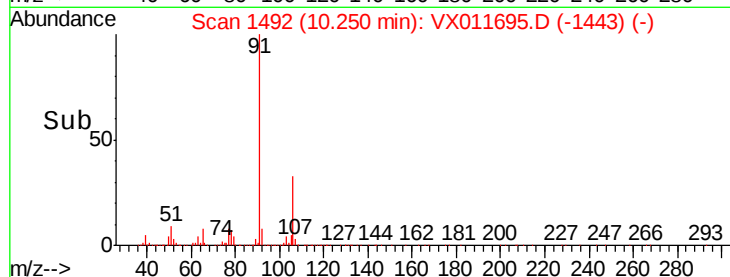
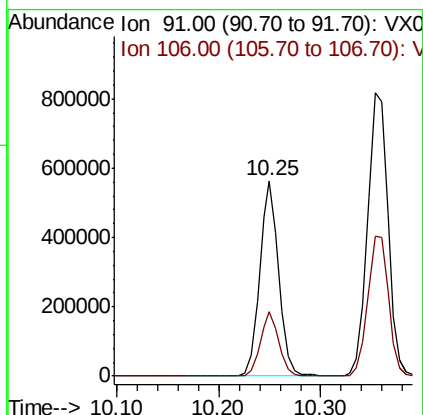
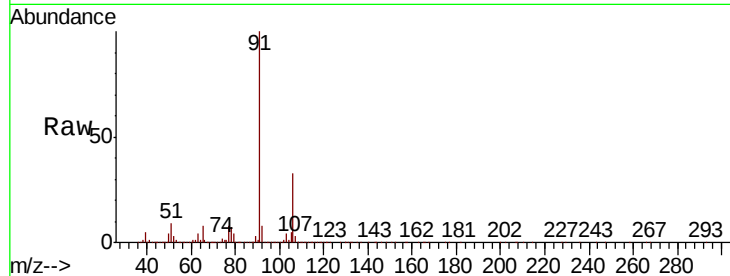




#67
Ethyl Benzene
Concen: 51.130 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

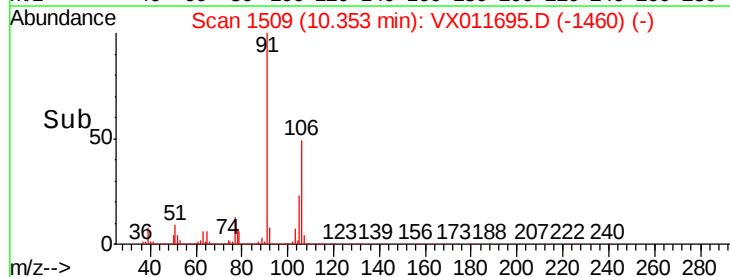
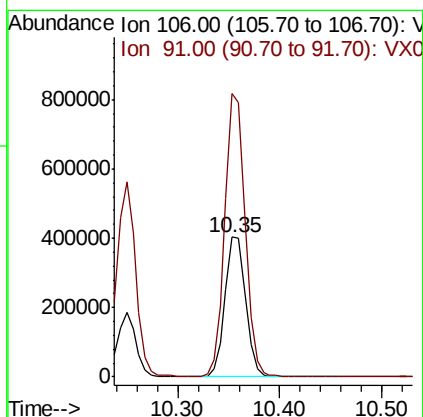
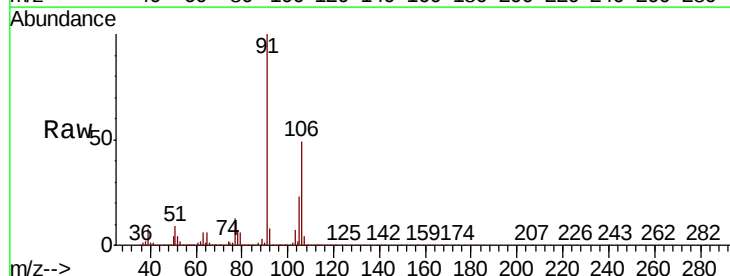
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

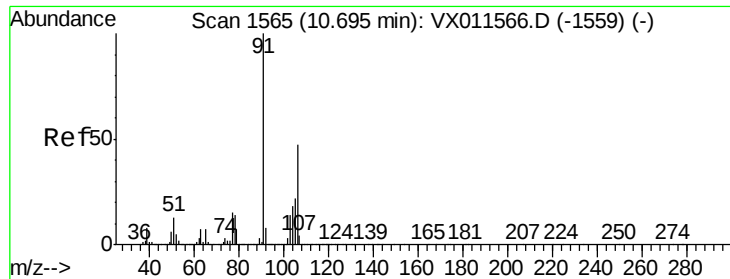
Tgt Ion: 91 Resp: 732924
Ion Ratio Lower Upper
91 100
106 32.7 26.0 39.0



#68
m/p-Xylenes
Concen: 103.483 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion: 106 Resp: 569395
Ion Ratio Lower Upper
106 100
91 199.3 156.0 234.0

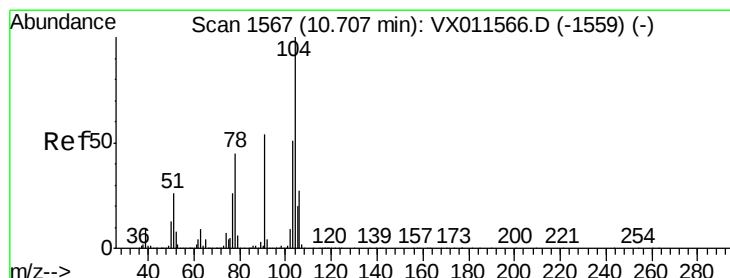
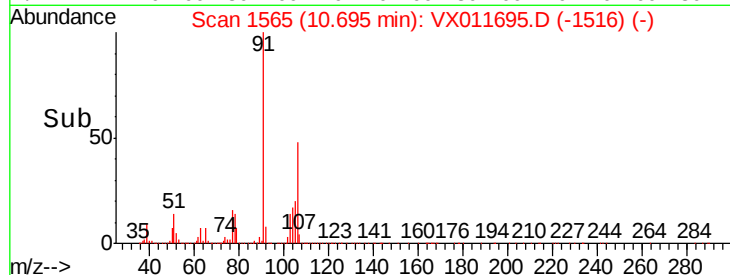
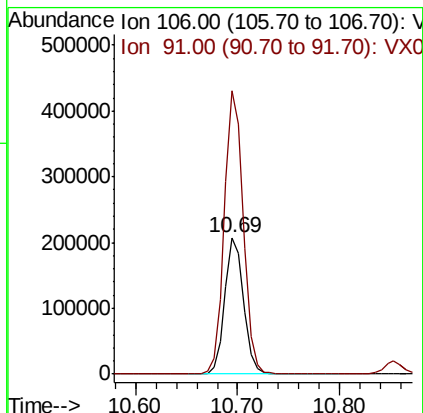
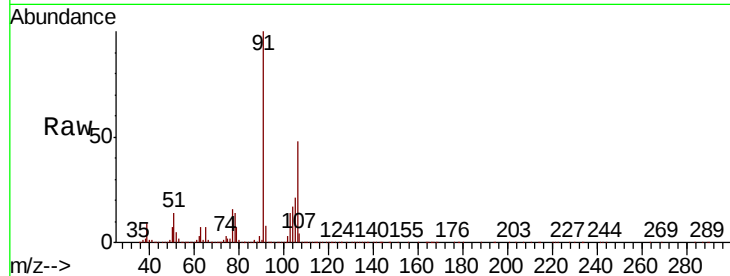




#69
o-Xylene
Concen: 48.976 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

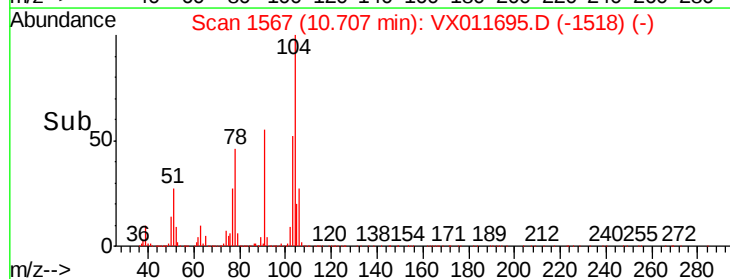
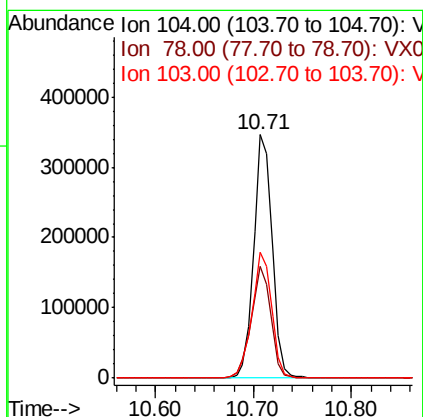
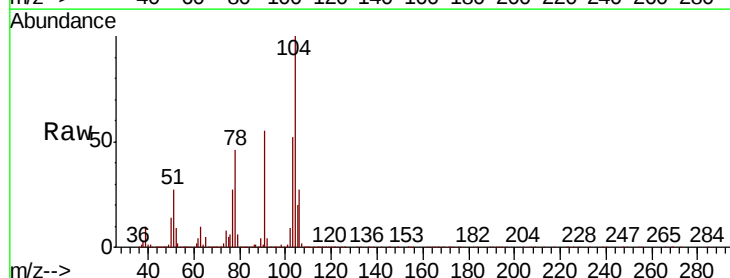
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

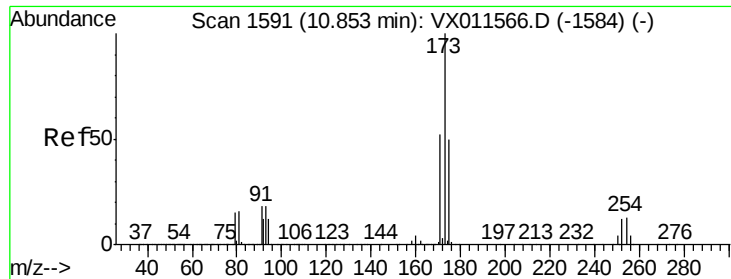
Tgt Ion:106 Resp: 263967
Ion Ratio Lower Upper
106 100
91 210.0 105.5 316.4



#70
Styrene
Concen: 49.902 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion:104 Resp: 452768
Ion Ratio Lower Upper
104 100
78 49.0 38.2 57.4
103 55.3 43.6 65.4

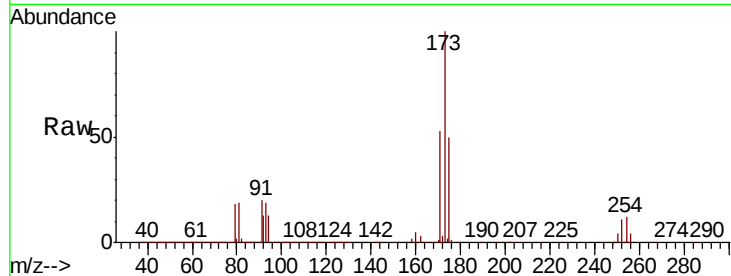




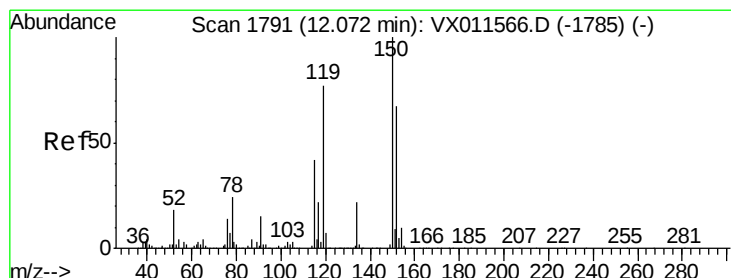
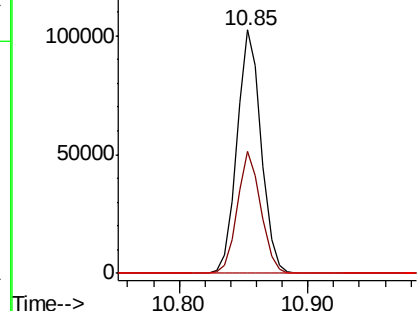
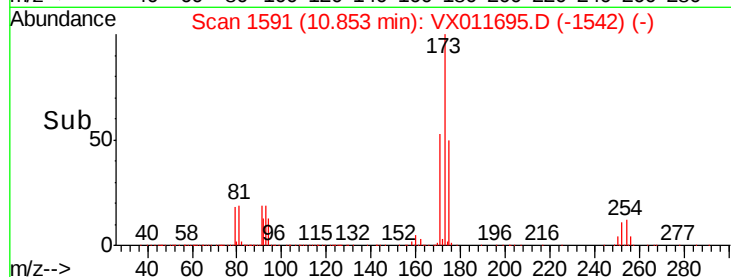
#71
Bromoform
Concen: 43.376 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.7
254	0.3	0.1	0.1#

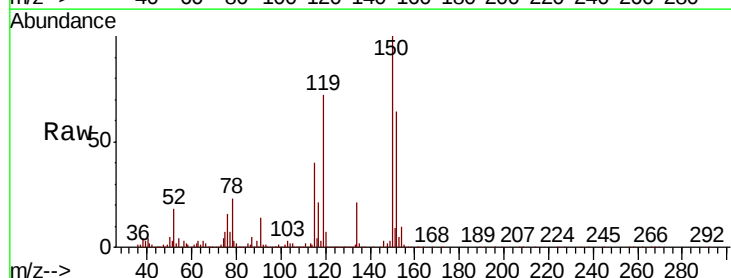


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

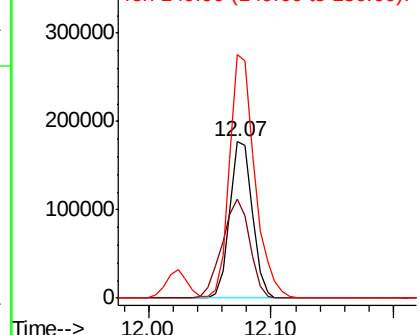
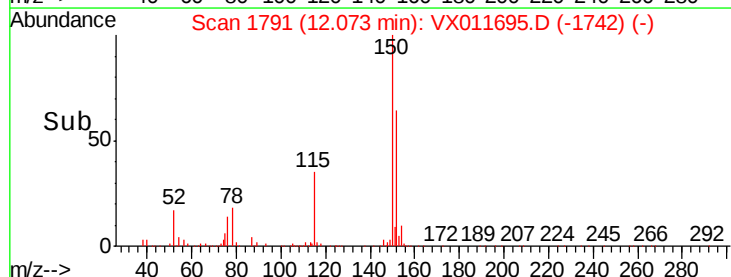


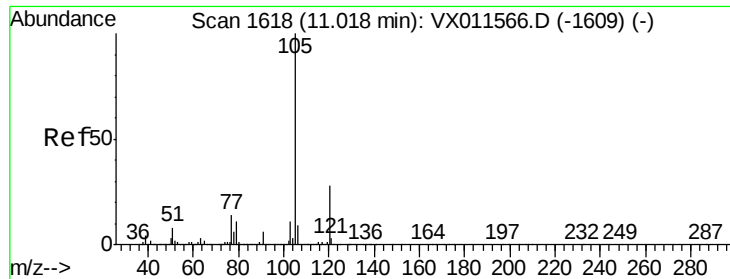
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.5	37.3	111.9
150	173.1	0.0	346.2



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: 50.237 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

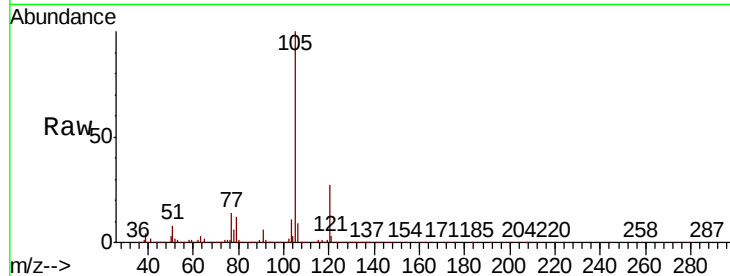
VSTDCCC050

Tgt Ion: 105 Resp: 735311

Ion Ratio Lower Upper

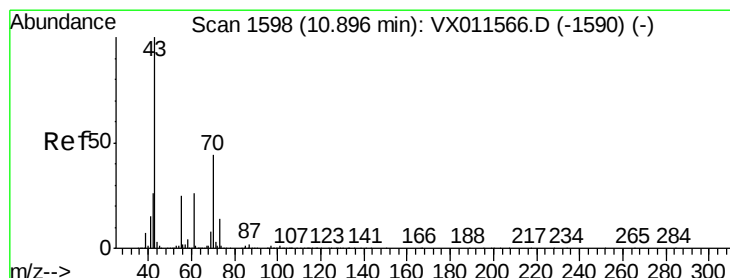
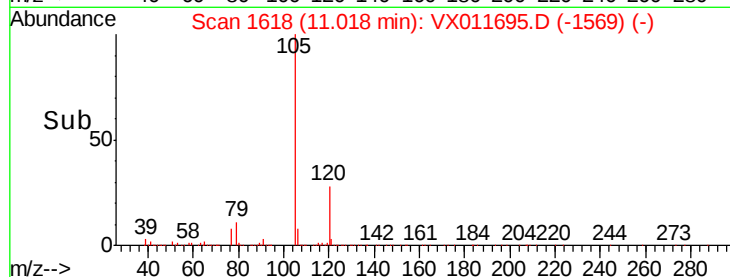
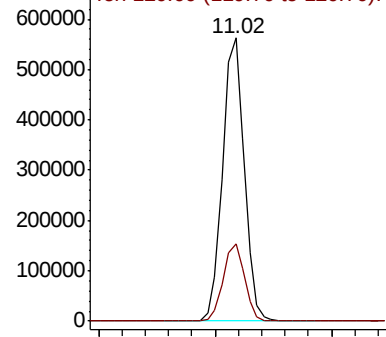
105 100

120 27.0 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.431 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion: 43 Resp: 295030

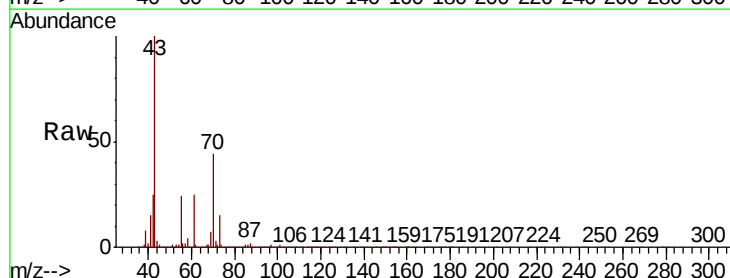
Ion Ratio Lower Upper

43 100

70 43.3 34.7 52.1

55 24.5 19.6 29.4

61 24.4 19.9 29.9

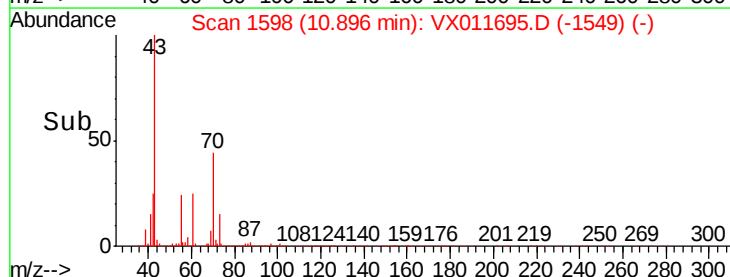
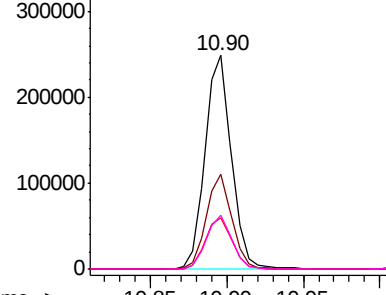


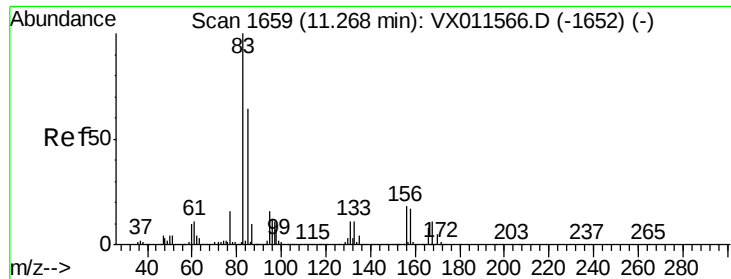
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.995 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

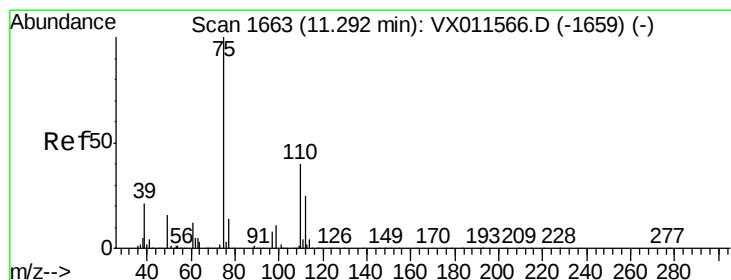
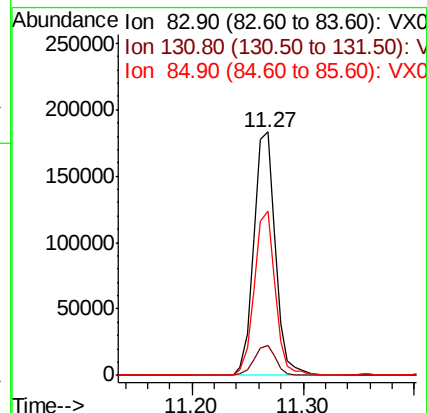
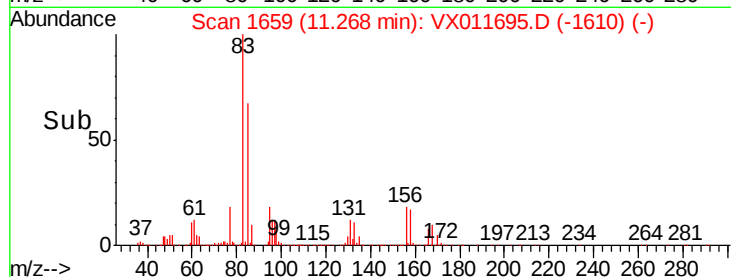
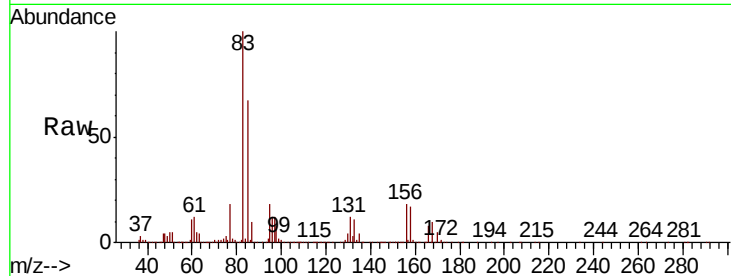
Tgt Ion: 83 Resp: 246699

Ion Ratio Lower Upper

83 100

131 12.1 5.8 17.3

85 65.6 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 63.680 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011695.D

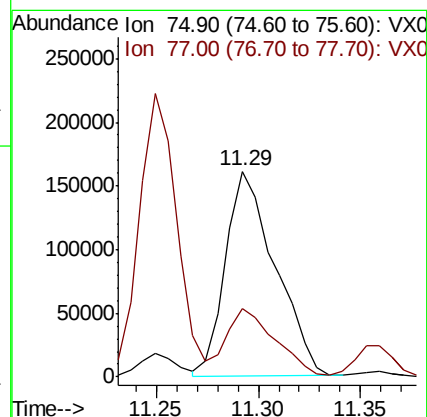
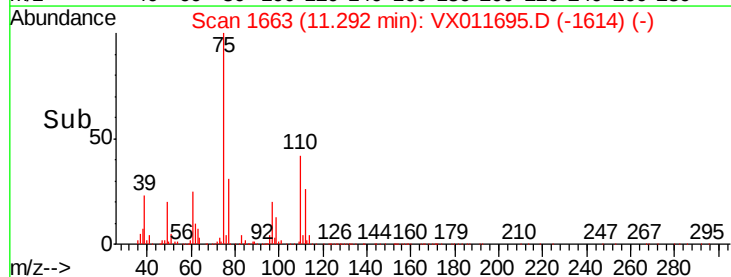
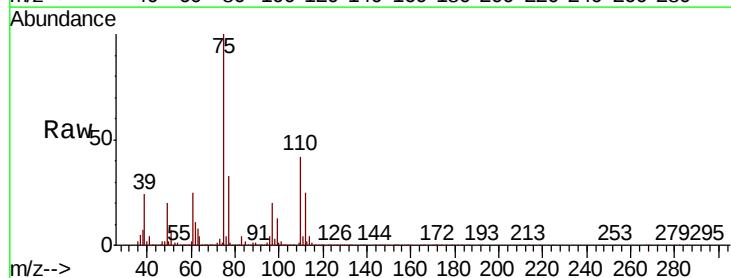
Acq: 20 Aug 2019 19:43

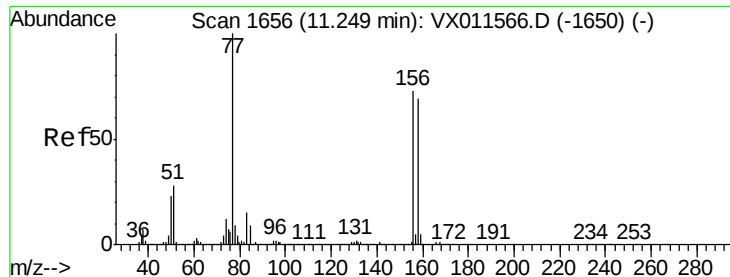
Tgt Ion: 75 Resp: 272382

Ion Ratio Lower Upper

75 100

77 32.9 20.9 62.8





#77

Bromobenzene

Concen: 48.580 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

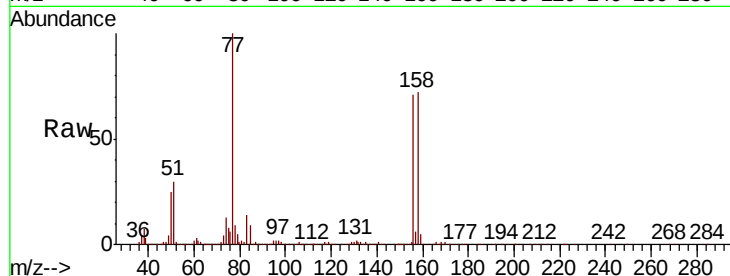
Tgt Ion:156 Resp: 211552

Ion Ratio Lower Upper

156 100

77 133.9 64.6 193.9

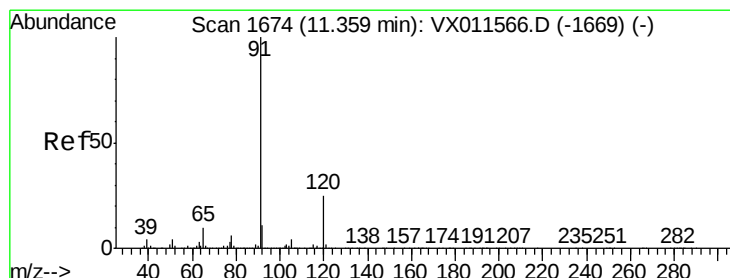
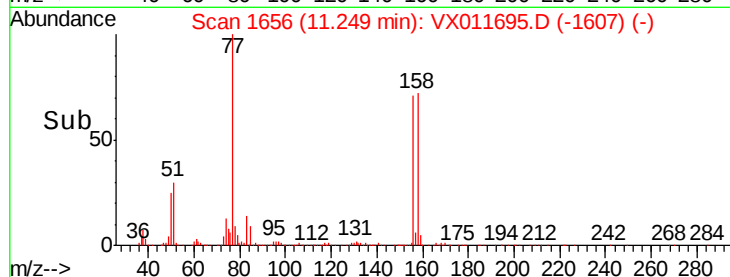
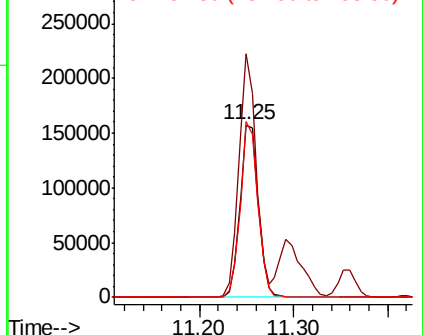
158 97.9 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.840 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011695.D

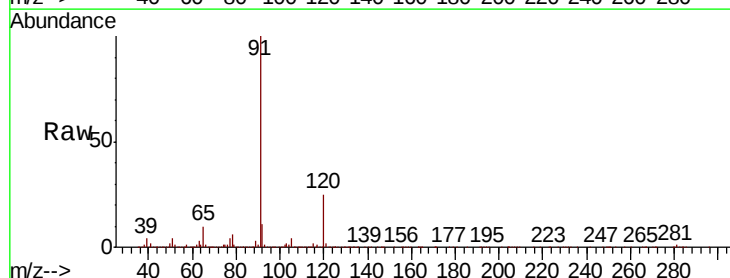
Acq: 20 Aug 2019 19:43

Tgt Ion: 91 Resp: 818199

Ion Ratio Lower Upper

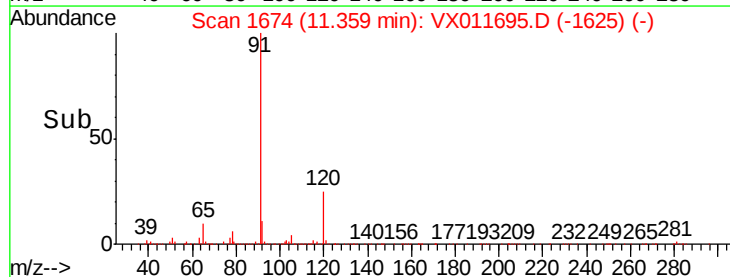
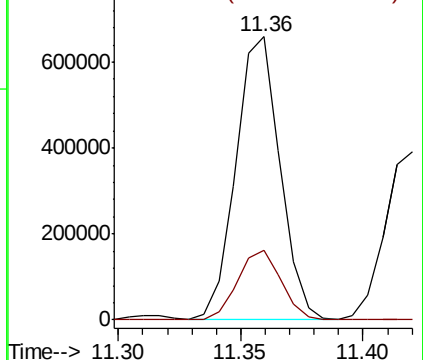
91 100

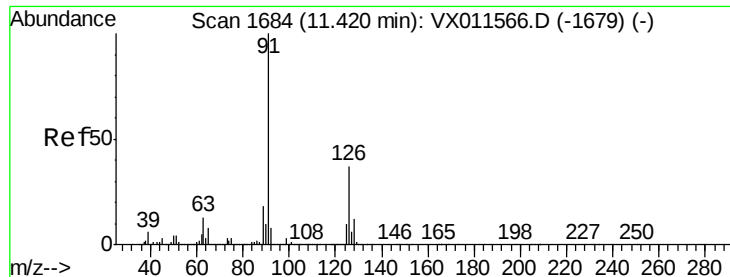
120 24.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.978 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

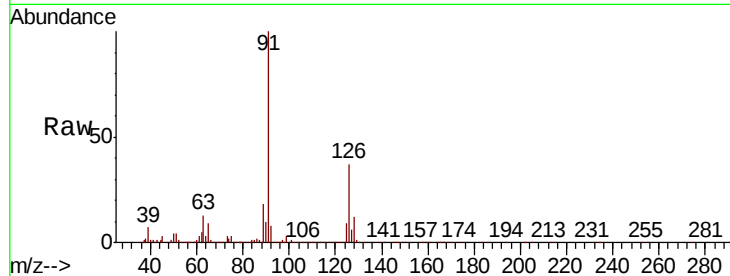
VSTDCCC050

Tgt Ion: 91 Resp: 494053

Ion Ratio Lower Upper

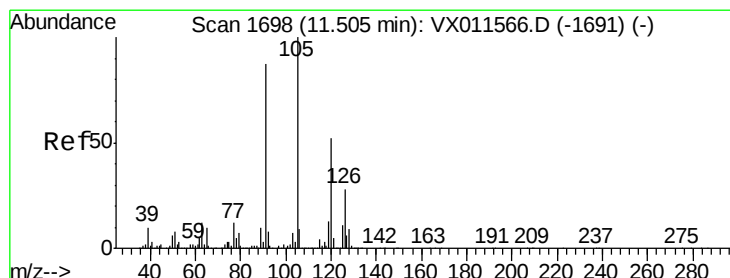
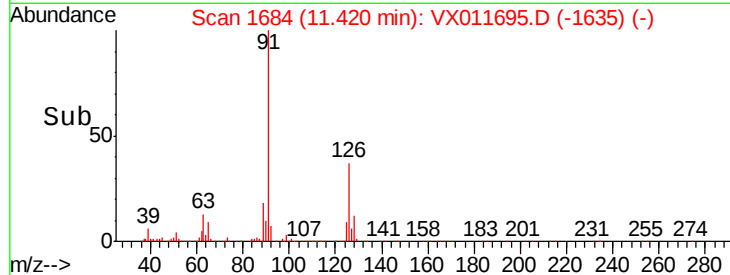
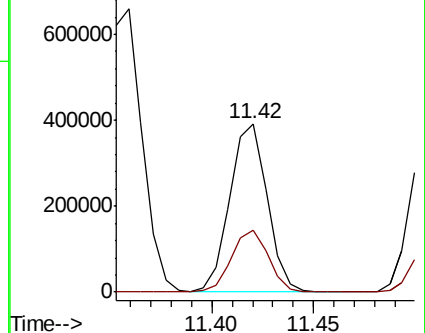
91 100

126 36.8 18.4 55.0



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: 51.904 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011695.D

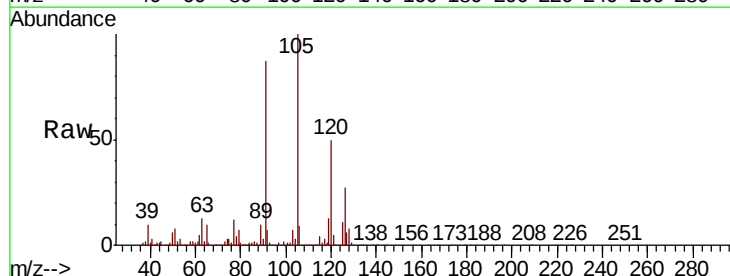
Acq: 20 Aug 2019 19:43

Tgt Ion: 105 Resp: 638187

Ion Ratio Lower Upper

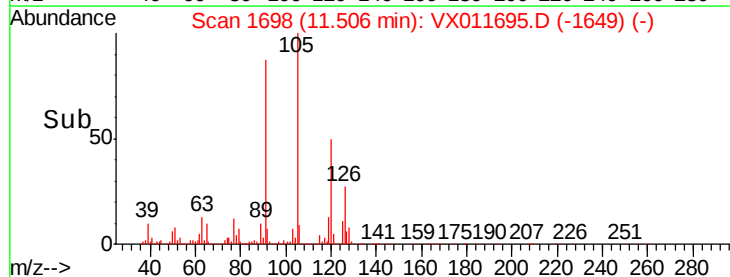
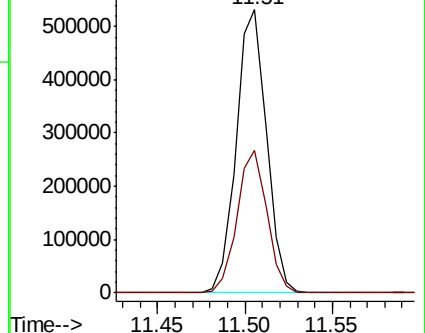
105 100

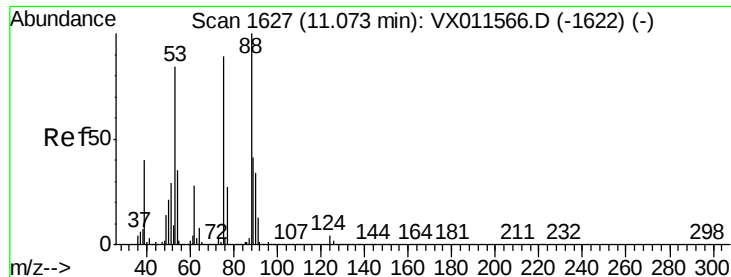
120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

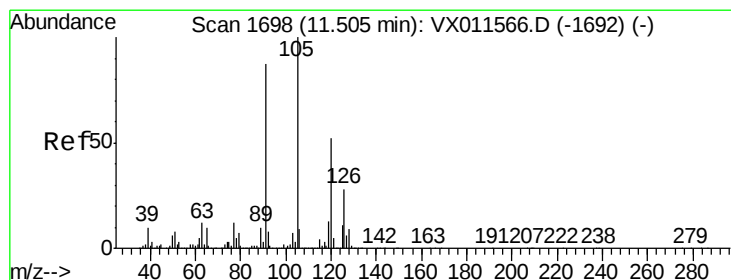
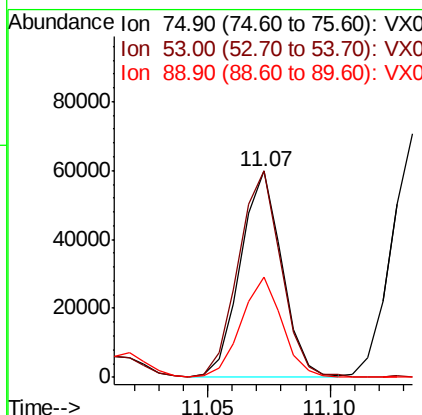
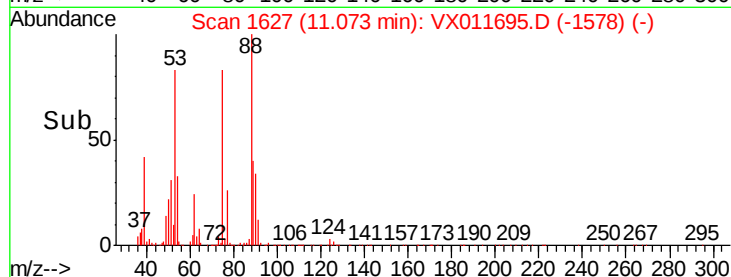
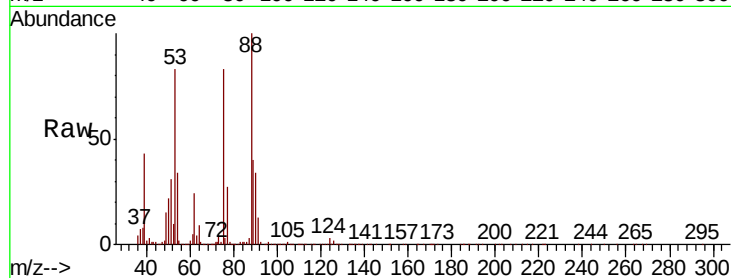




#81
trans-1,4-Dichloro-2-butene
Concen: 44.705 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

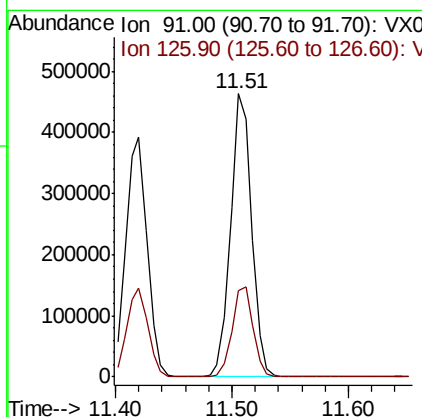
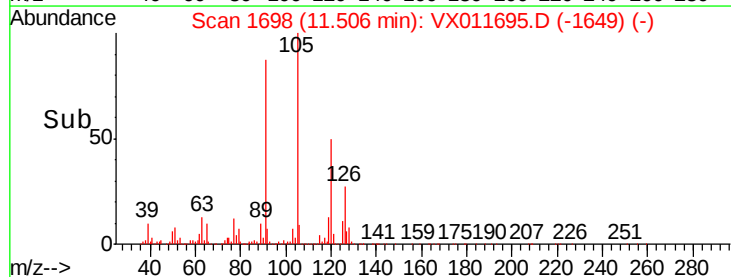
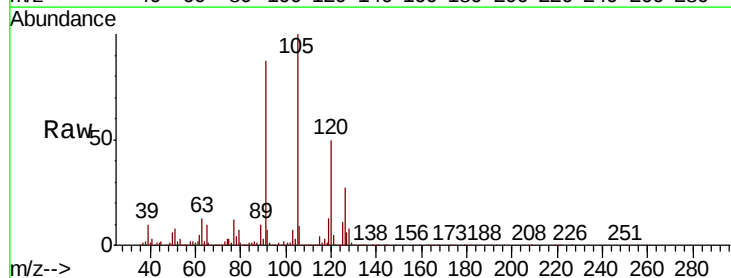
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

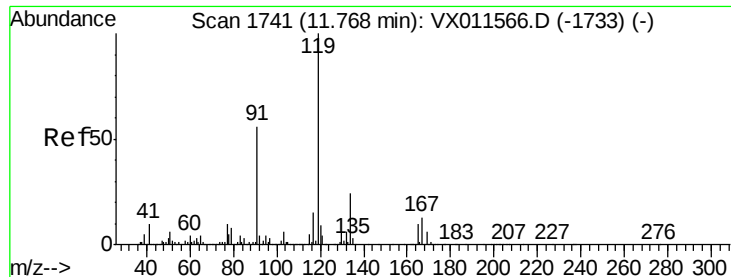
Tgt Ion: 75 Resp: 69764
Ion Ratio Lower Upper
75 100
53 103.4 77.4 116.0
89 48.8 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.851 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion: 91 Resp: 582994
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.1





#83

tert-Butylbenzene

Concen: 48.772 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

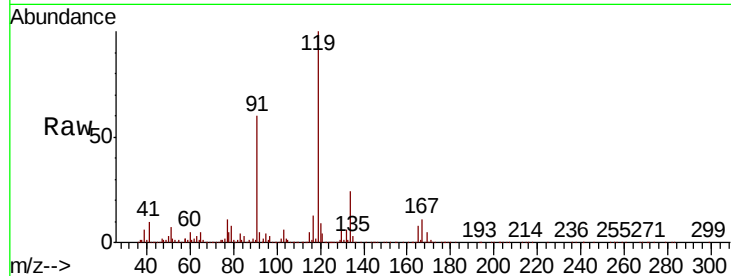
Tgt Ion:119 Resp: 610754

Ion Ratio Lower Upper

119 100

91 57.6 27.1 81.3

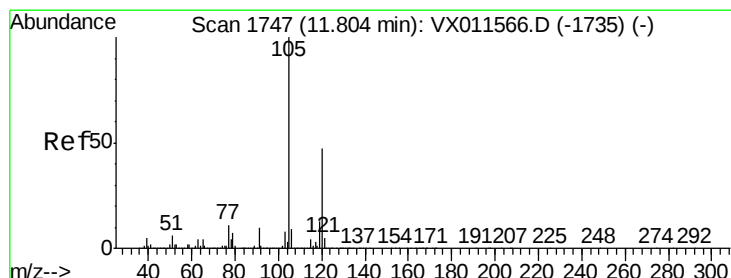
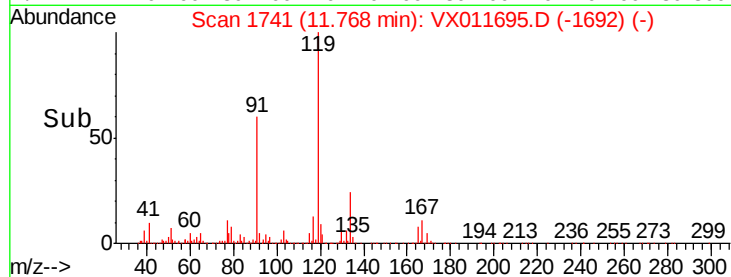
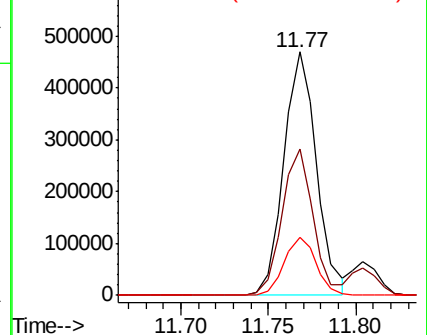
134 23.6 11.8 35.3



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: 51.284 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011695.D

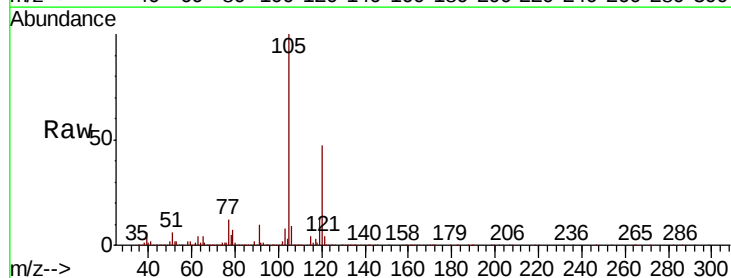
Acq: 20 Aug 2019 19:43

Tgt Ion:105 Resp: 633042

Ion Ratio Lower Upper

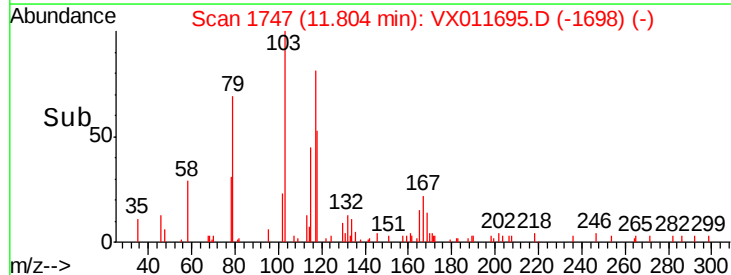
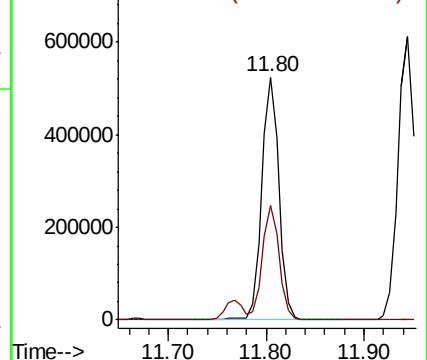
105 100

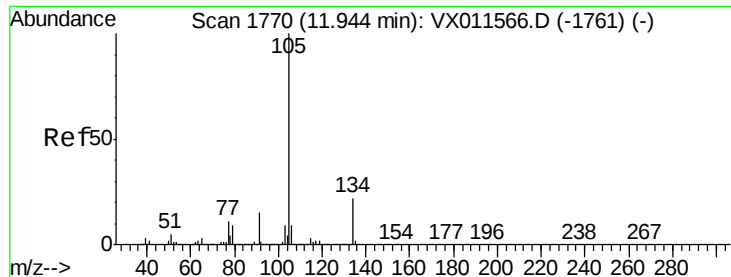
120 46.4 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.557 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

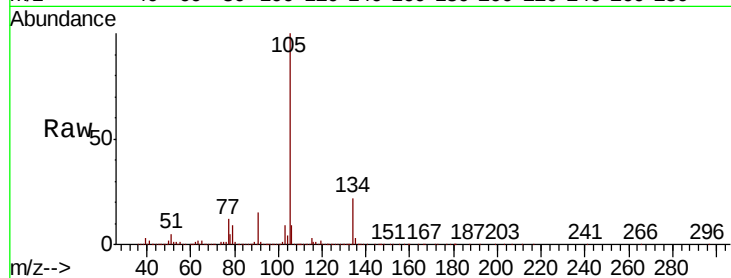
VSTDCCC050

Tgt Ion:105 Resp: 728434

Ion Ratio Lower Upper

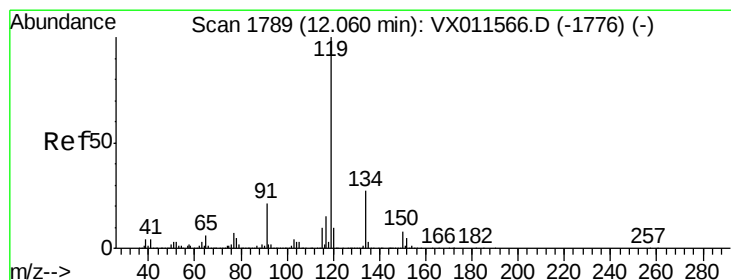
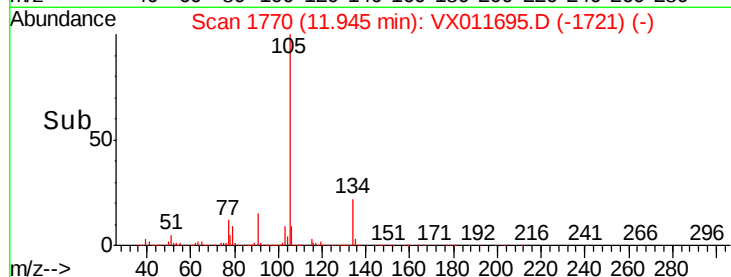
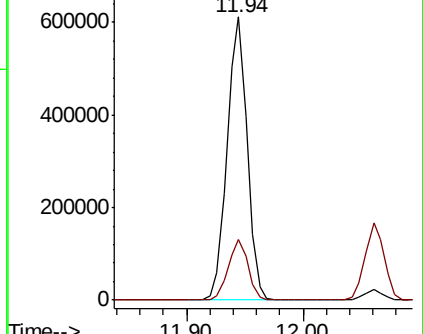
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.906 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

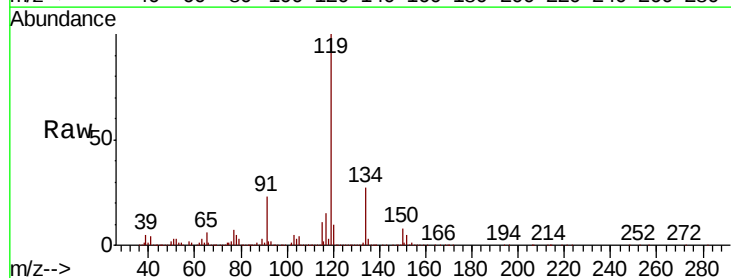
Tgt Ion:119 Resp: 703211

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

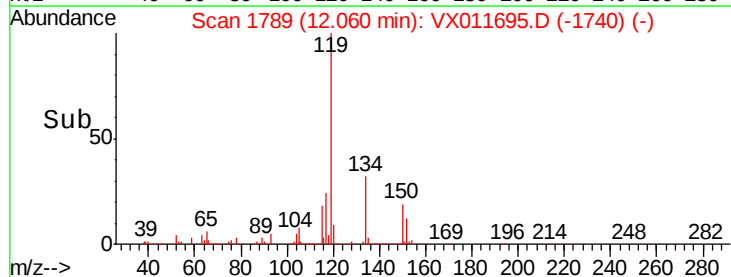
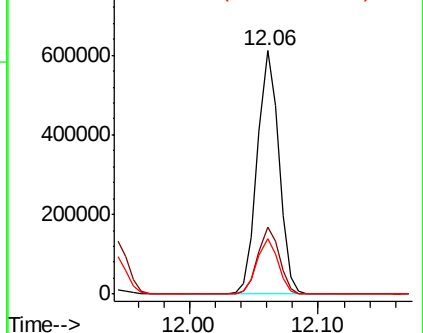
91 22.5 10.9 32.9

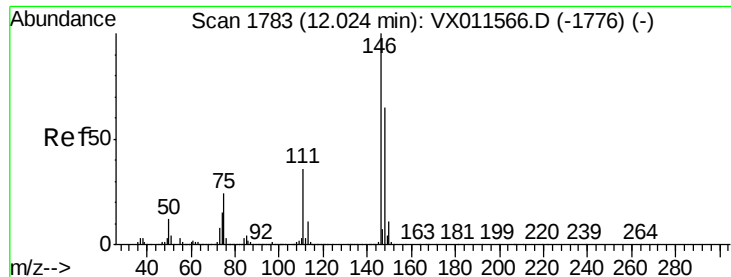


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

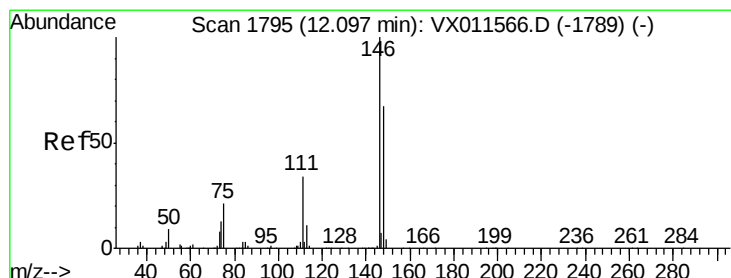
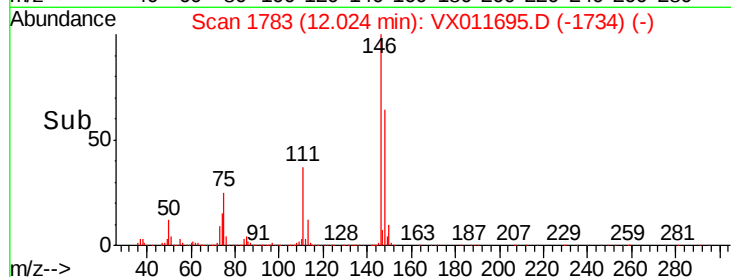
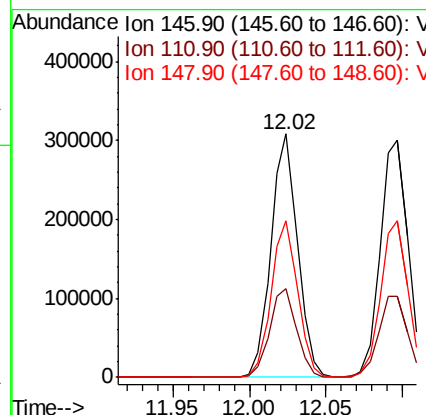
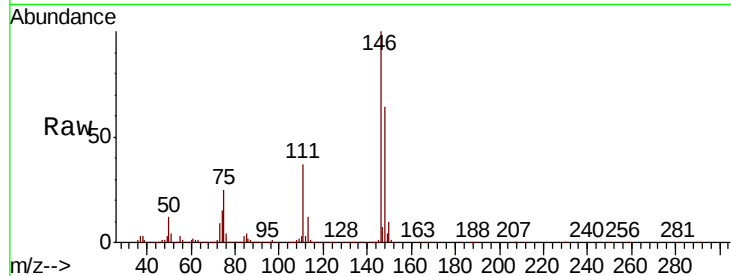




#87
 1,3-Dichlorobenzene
 Concen: 50.307 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

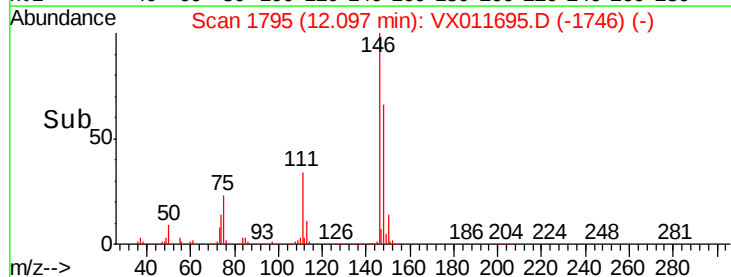
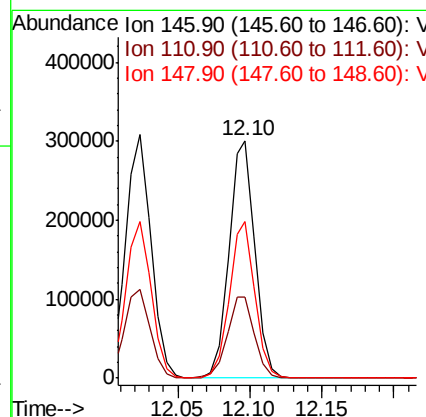
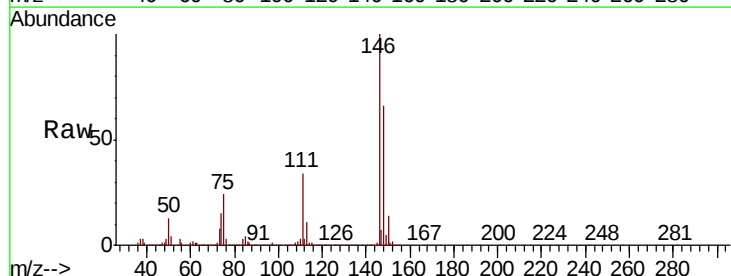
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

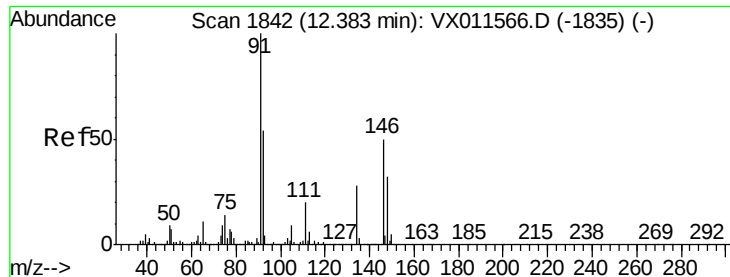
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.4
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.986 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.7
148	64.9	32.5	97.5

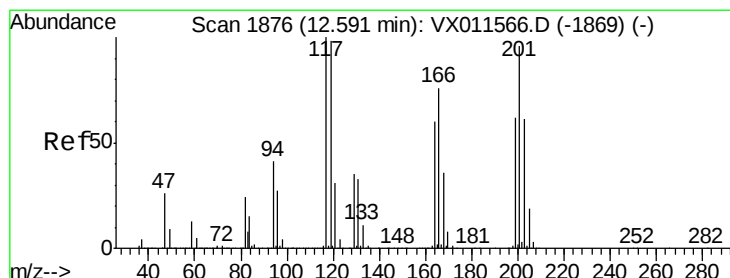
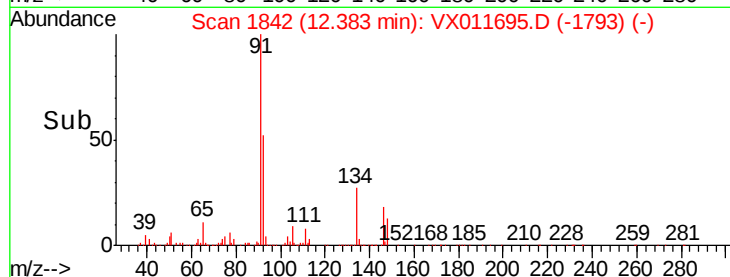
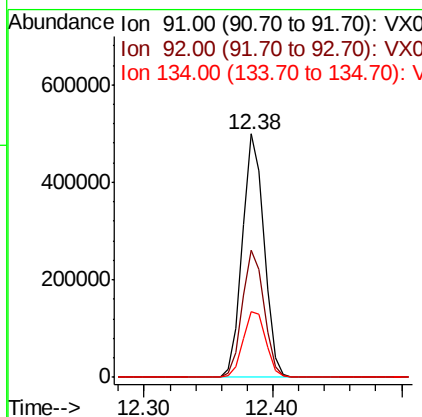
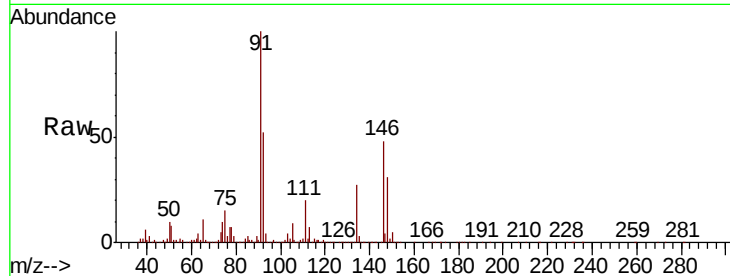




#89
n-Butylbenzene
Concen: 53.075 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

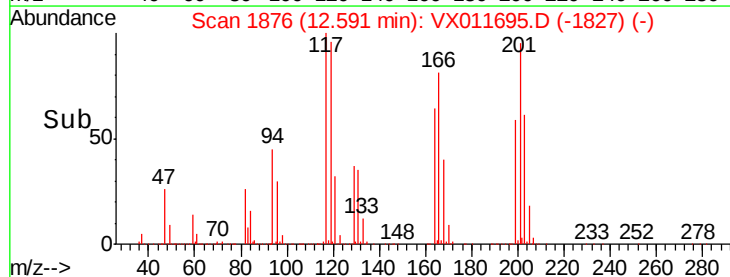
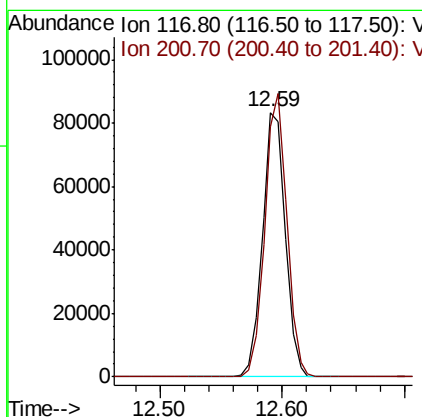
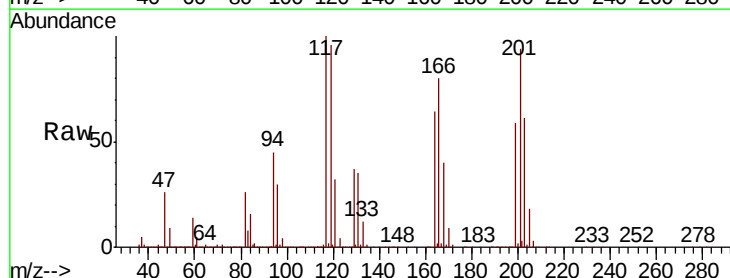
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

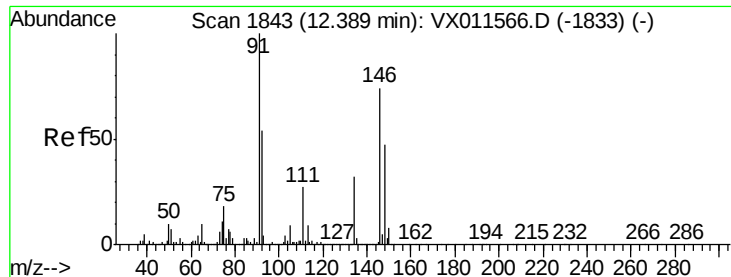
Tgt Ion: 91 Resp: 579987
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 28.4 14.6 44.0



#90
Hexachloroethane
Concen: 51.925 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion: 117 Resp: 108988
Ion Ratio Lower Upper
117 100
201 103.0 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 49.436 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

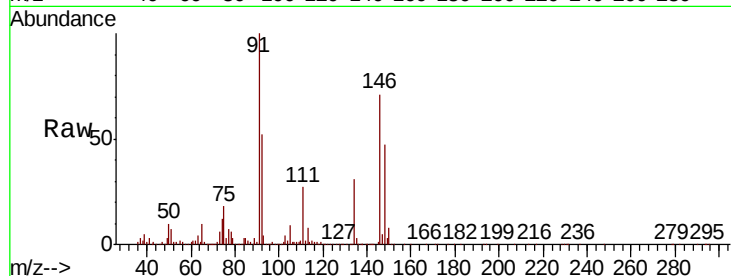
Tgt Ion:146 Resp: 371452

Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

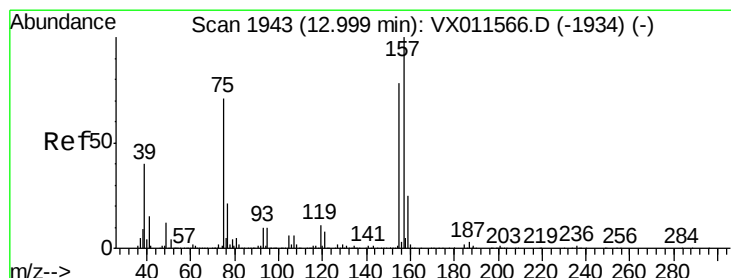
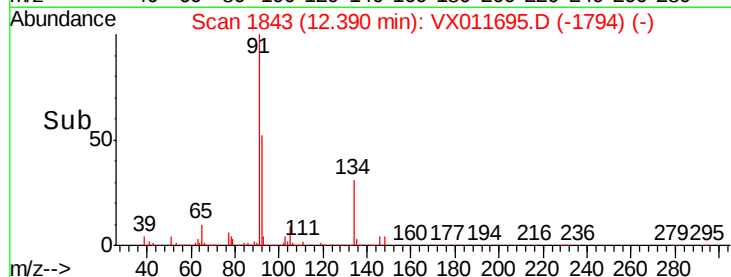
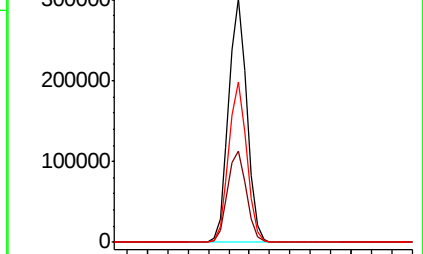
148 65.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.795 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

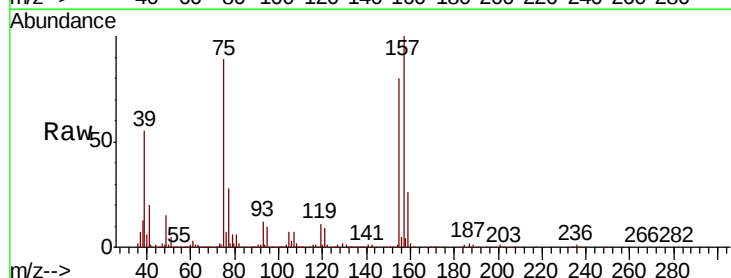
Tgt Ion: 75 Resp: 59665

Ion Ratio Lower Upper

75 100

155 100.9 53.0 159.0

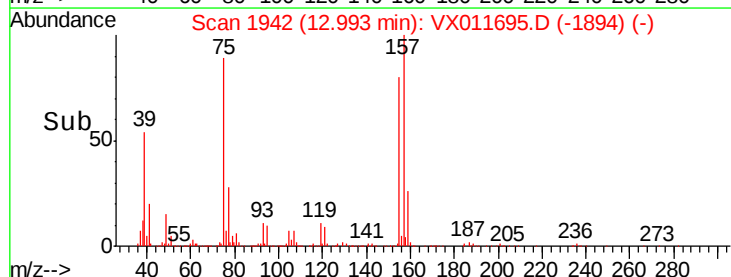
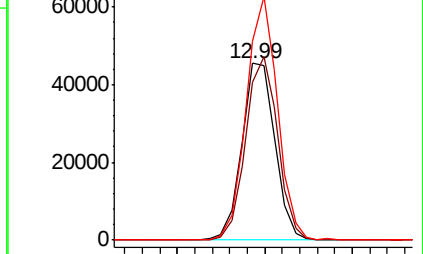
157 130.5 68.3 205.1

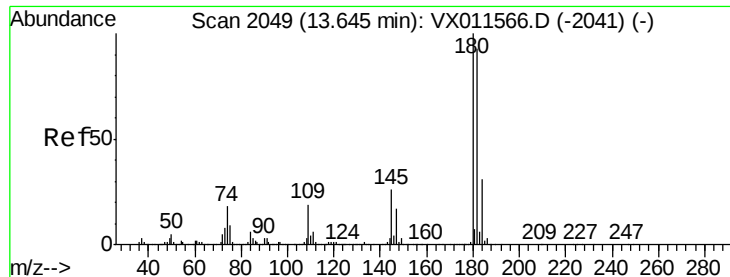


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

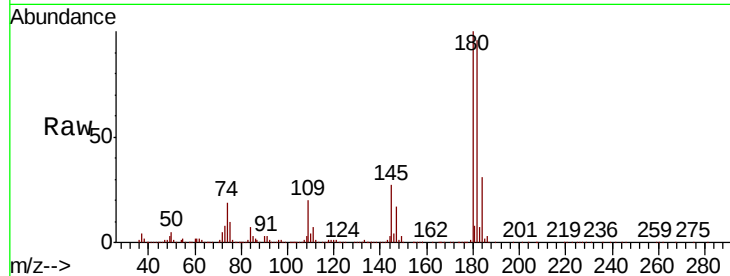




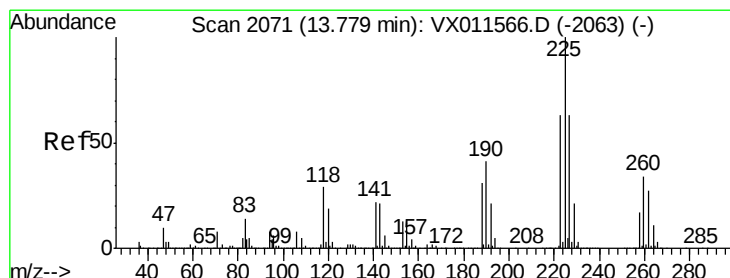
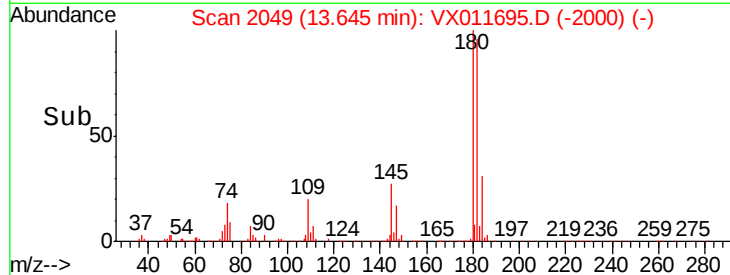
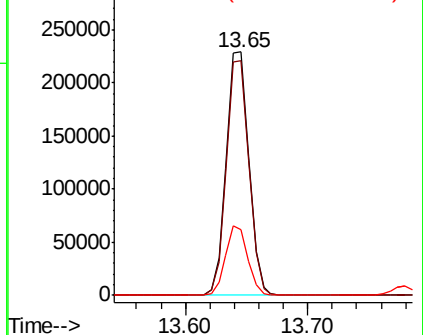
#93
 1,2,4-Trichlorobenzene
 Concen: 52.410 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 293421
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 27.7 13.6 40.8

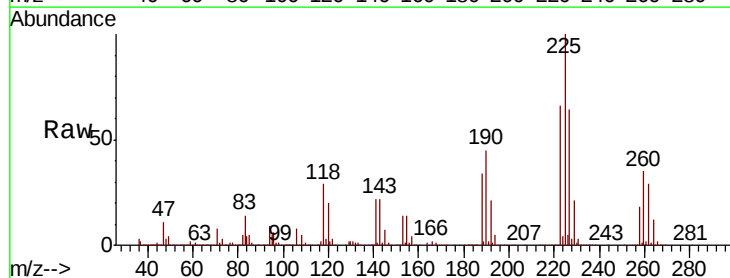


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

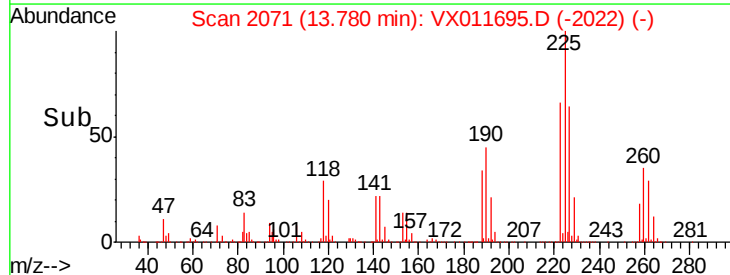
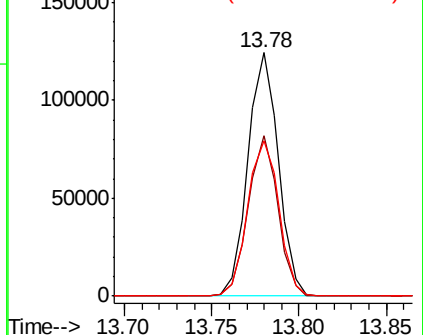


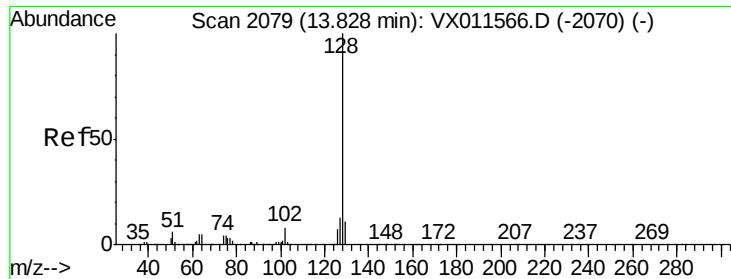
#94
 Hexachlorobutadiene
 Concen: 49.271 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion:225 Resp: 150205
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.4 94.0
 227 65.8 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.308 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

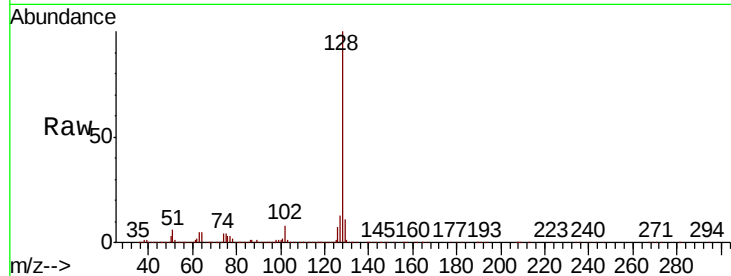
Tgt Ion:128 Resp: 875373

Ion Ratio Lower Upper

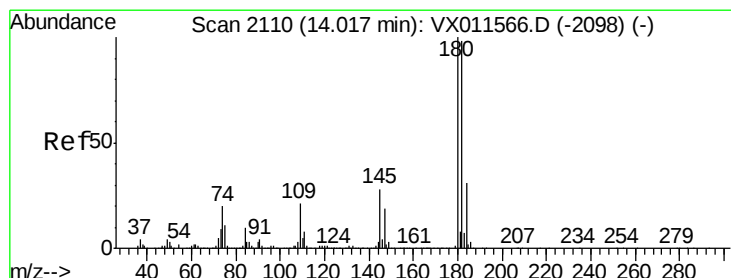
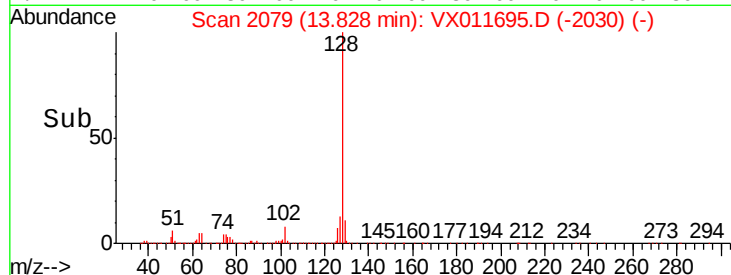
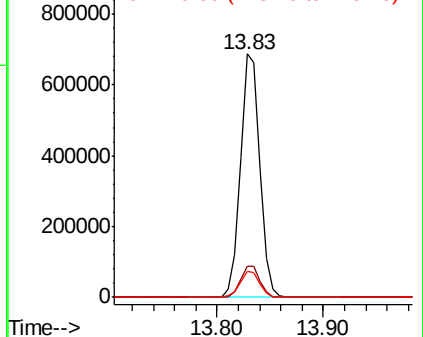
128 100

127 12.9 10.3 15.5

129 11.0 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: 52.761 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

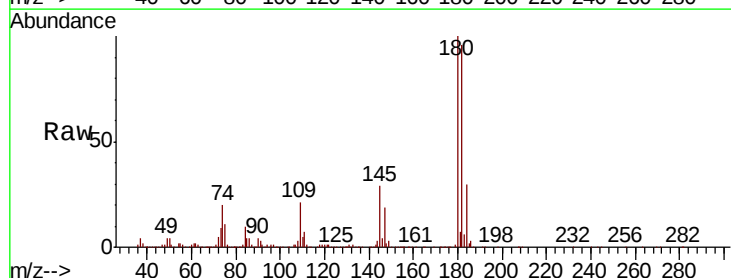
Tgt Ion:180 Resp: 297933

Ion Ratio Lower Upper

180 100

182 96.9 48.0 144.0

145 29.6 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

