

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011840.D
 Acq On : 27 Aug 2019 11:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 28 02:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	564127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	508879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280262	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	211989	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.49	113	180062	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.71	98	654505	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.13	95	258054	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	191682	49.842	ug/l	99
3) Chloromethane	1.32	50	175066	51.908	ug/l	97
4) Vinyl Chloride	1.40	62	166631	49.423	ug/l	100
5) Bromomethane	1.63	94	80215	43.188	ug/l	98
6) Chloroethane	1.71	64	91999	46.671	ug/l	100
7) Trichlorofluoromethane	1.92	101	255592	47.616	ug/l	99
8) Diethyl Ether	2.18	74	85179	46.668	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	160745	48.394	ug/l	98
10) Methyl Iodide	2.50	142	208932	51.498	ug/l	98
11) Tert butyl alcohol	3.04	59	235904	288.398	ug/l	99
12) 1,1-Dichloroethene	2.36	96	153490	47.391	ug/l	94
13) Acrolein	2.29	56	77304	244.481	ug/l	93
14) Allyl chloride	2.71	41	305344	60.318	ug/l	97
15) Acrylonitrile	3.13	53	476503	254.685	ug/l	100
16) Acetone	2.43	43	470410	261.237	ug/l	100
17) Carbon Disulfide	2.56	76	437068	53.373	ug/l	99
18) Methyl Acetate	2.76	43	275295	56.342	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	541595	52.130	ug/l	96
20) Methylene Chloride	2.85	84	168360	45.732	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	162776	46.595	ug/l	92
22) Diisopropyl ether	3.84	45	555218	56.561	ug/l	93
23) Vinyl Acetate	3.80	43	2350192	289.165	ug/l	97
24) 1,1-Dichloroethane	3.68	63	295268	50.945	ug/l	99
25) 2-Butanone	4.66	43	703213	272.072	ug/l	96
26) 2,2-Dichloropropane	4.57	77	282469	57.390	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	188096	46.951	ug/l	94
28) Bromochloromethane	5.00	49	158985	60.429	ug/l	88
29) Tetrahydrofuran	5.12	42	438661	264.759	ug/l	96
30) Chloroform	5.20	83	300455	47.782	ug/l	100
31) Cyclohexane	5.57	56	280498	55.107	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	283125	51.798	ug/l	98
36) 1,1-Dichloropropene	5.79	75	229522	51.884	ug/l	98
37) Ethyl Acetate	4.82	43	267686	57.181	ug/l	97
38) Carbon Tetrachloride	5.78	117	265551	52.968	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX082719\
 Data File : VX011840.D
 Acq On : 27 Aug 2019 11:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 28 02:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	291847	53.238	ug/l	95
40) Benzene	6.13	78	660159	48.241	ug/l	100
41) Methacrylonitrile	5.03	41	145995	53.623	ug/l	95
42) 1,2-Dichloroethane	6.18	62	240942	48.164	ug/l	100
43) Isopropyl Acetate	6.43	43	445895	58.848	ug/l	98
44) Trichloroethene	7.21	130	195058	46.239	ug/l	98
45) 1,2-Dichloropropane	7.51	63	172430	50.129	ug/l	98
46) Dibromomethane	7.65	93	117861	46.476	ug/l	97
47) Bromodichloromethane	7.89	83	251203	55.027	ug/l	97
48) Methyl methacrylate	7.76	41	216971	57.539	ug/l	93
49) 1,4-Dioxane	7.73	88	93792	897.718	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	1317296	263.845	ug/l	98
52) Toluene	8.78	92	423020	47.768	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	287903	60.076	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	300006	57.384	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	171677	46.531	ug/l	99
56) Ethyl methacrylate	9.17	69	290900	55.440	ug/l	92
57) 1,3-Dichloropropane	9.37	76	288107	48.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	773683	280.304	ug/l	99
59) 2-Hexanone	9.49	43	1035549	270.235	ug/l	98
60) Dibromochloromethane	9.58	129	217721	54.579	ug/l	99
61) 1,2-Dibromoethane	9.66	107	186850	47.199	ug/l	100
64) Tetrachloroethene	9.33	164	190546	46.936	ug/l	97
65) Chlorobenzene	10.13	112	470047	47.312	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	192189	51.631	ug/l	99
67) Ethyl Benzene	10.25	91	827971	49.870	ug/l	100
68) m/p-Xylenes	10.35	106	636784	99.471	ug/l	99
69) o-Xylene	10.69	106	308726	49.119	ug/l	100
70) Styrene	10.71	104	533341	50.725	ug/l	99
71) Bromoform	10.85	173	189050	58.873	ug/l #	97
73) Isopropylbenzene	11.01	105	830519	49.174	ug/l	100
74) N-amyl acetate	10.89	43	397003	60.715	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	265771	47.541	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	329631	67.029	ug/l	83
77) Bromobenzene	11.25	156	231334	46.461	ug/l	95
78) n-propylbenzene	11.35	91	948356	52.512	ug/l	98
79) 2-Chlorotoluene	11.41	91	557540	49.623	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	712040	50.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	105005	64.394	ug/l	96
82) 4-Chlorotoluene	11.51	91	654553	50.541	ug/l	98
83) tert-Butylbenzene	11.77	119	734645	52.839	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	724103	50.884	ug/l	98
85) sec-Butylbenzene	11.94	105	828157	52.072	ug/l	99
86) p-Isopropyltoluene	12.06	119	800535	52.316	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	414127	48.298	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	414305	47.758	ug/l	100
89) n-Butylbenzene	12.38	91	690167	54.484	ug/l	98
90) Hexachloroethane	12.59	117	157920	66.429	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	403720	46.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70624	54.348	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
Data File : VX011840.D
Acq On : 27 Aug 2019 11:08
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Aug 28 02:19:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

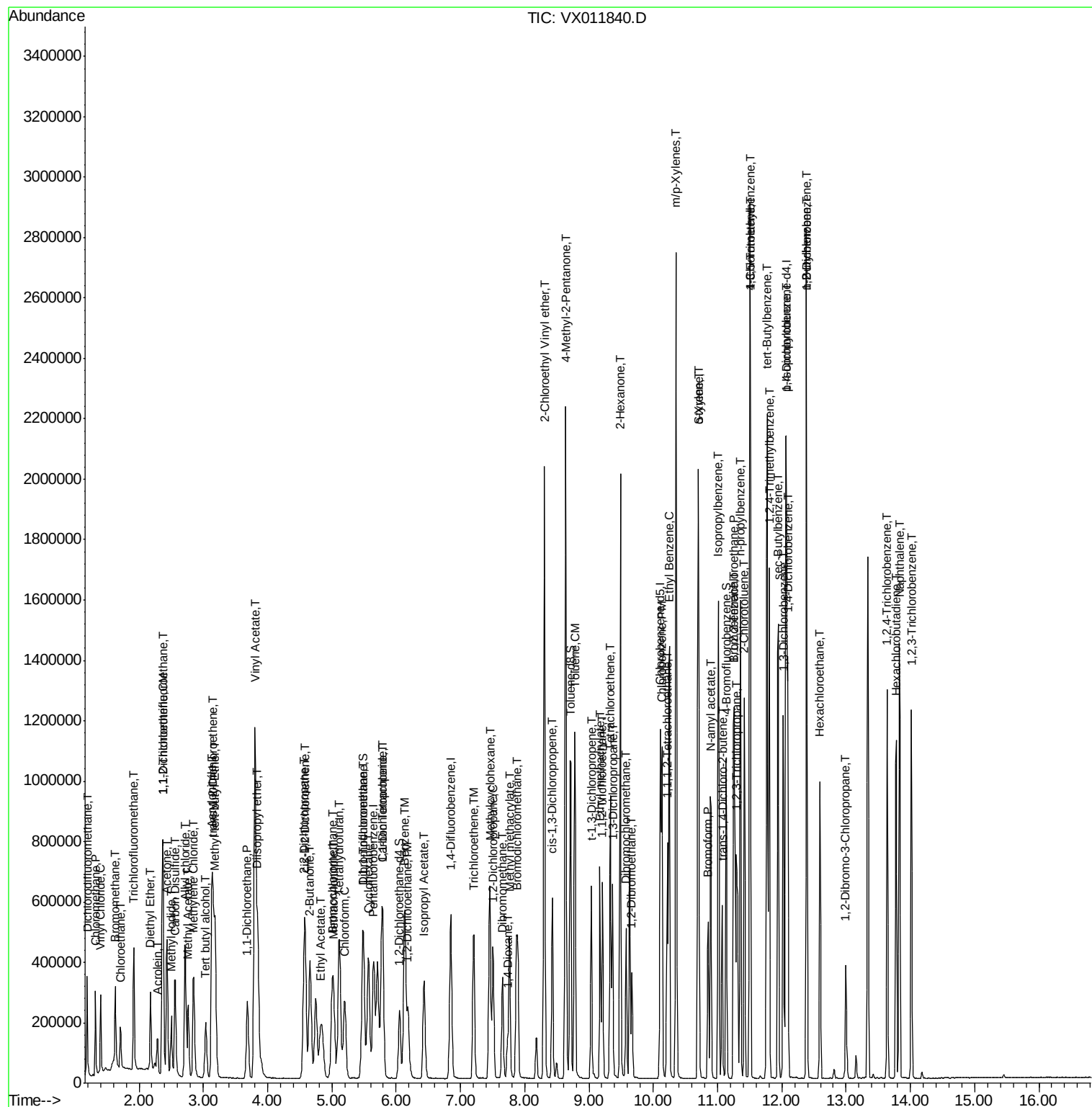
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	325740	51.206	ug/l	99
94) Hexachlorobutadiene	13.78	225	186959	53.634	ug/l	99
95) Naphthalene	13.83	128	891951	50.909	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	316537	49.556	ug/l	99

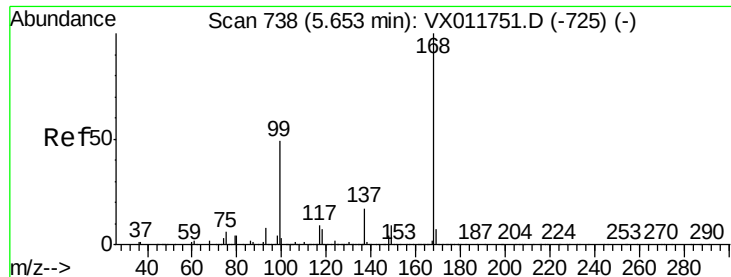
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011840.D
 Acq On : 27 Aug 2019 11:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 28 02:19:01 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

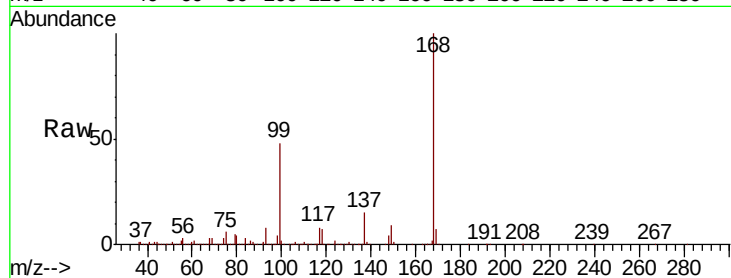
VSTDCCC050

Tgt Ion:168 Resp: 412070

Ion Ratio Lower Upper

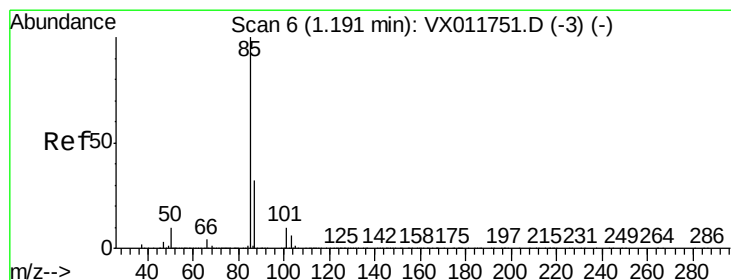
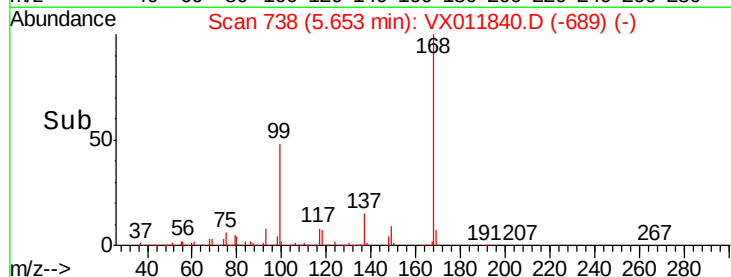
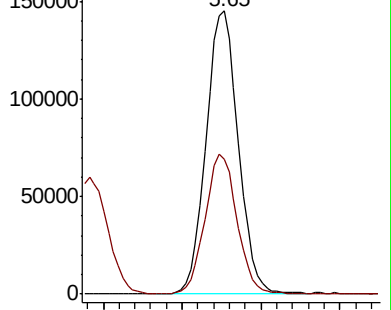
168 100

99 47.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.842 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011840.D

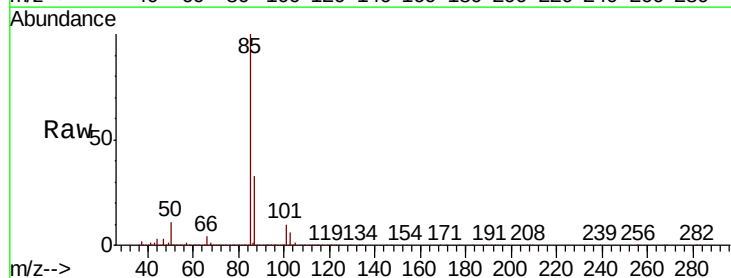
Acq: 27 Aug 2019 11:08

Tgt Ion: 85 Resp: 191682

Ion Ratio Lower Upper

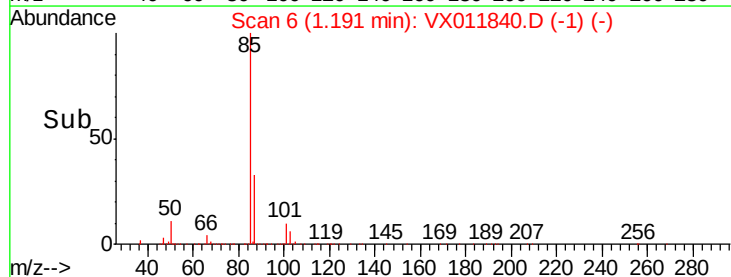
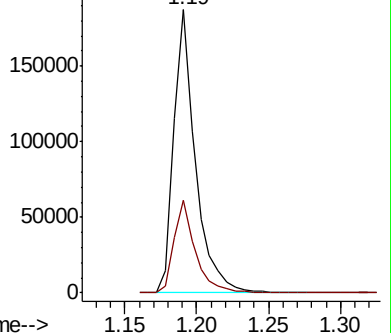
85 100

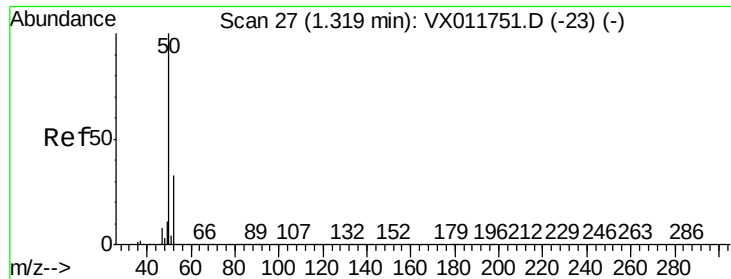
87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

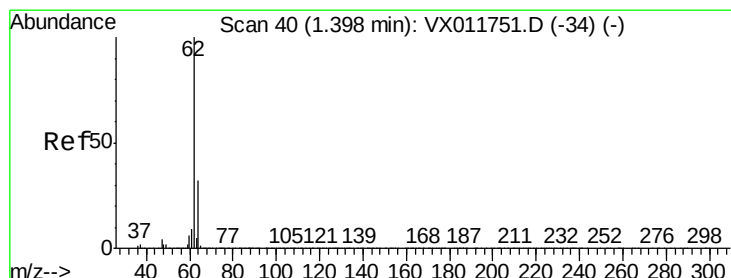
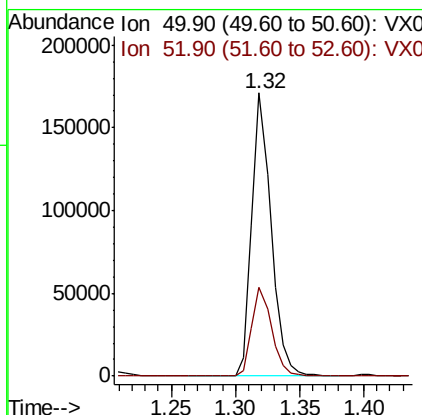
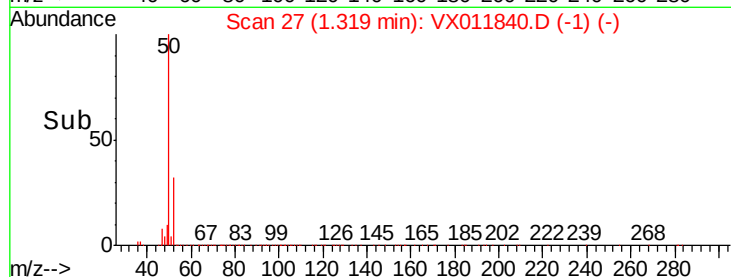
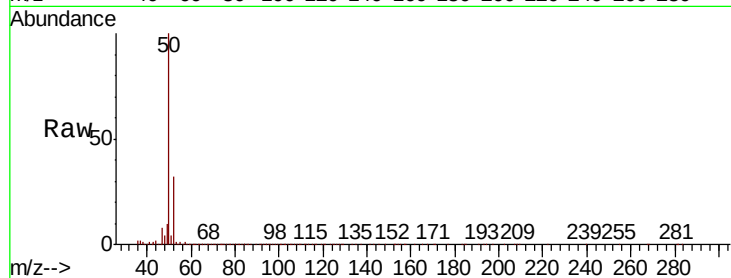




#3
Chloromethane
Concen: 51.908 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

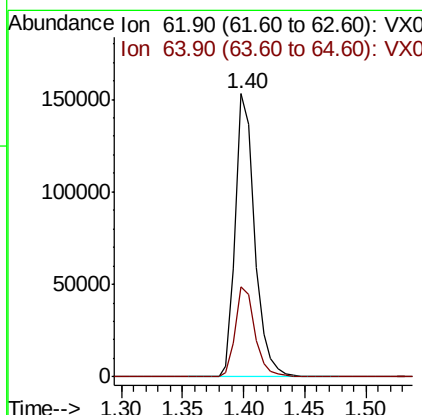
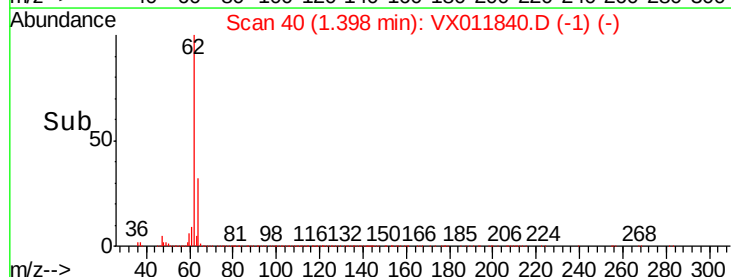
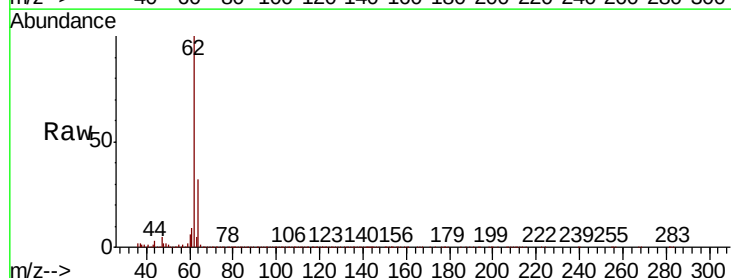
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

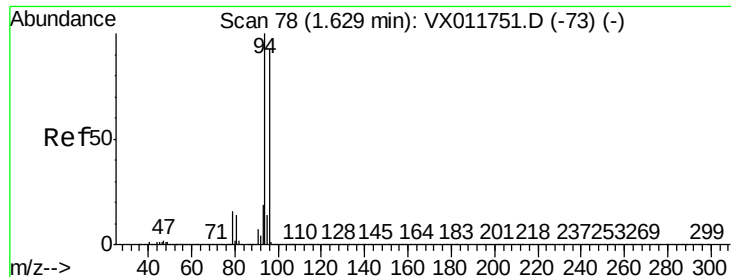
Tgt Ion: 50 Resp: 175066
Ion Ratio Lower Upper
50 100
52 31.5 26.6 39.8



#4
Vinyl Chloride
Concen: 49.423 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 62 Resp: 166631
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5

Bromomethane

Concen: 43.188 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

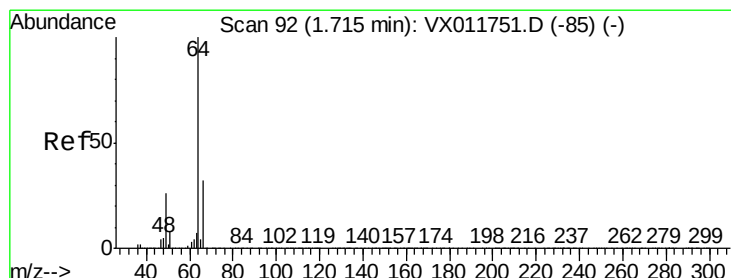
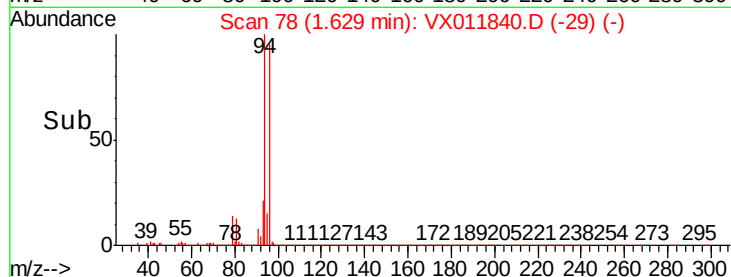
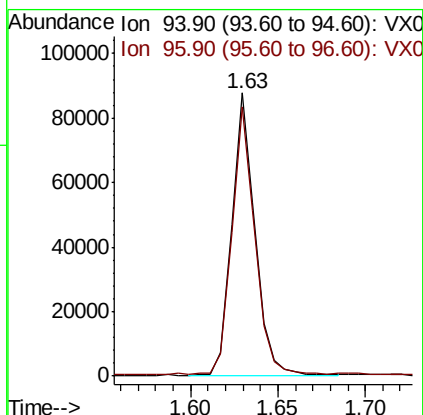
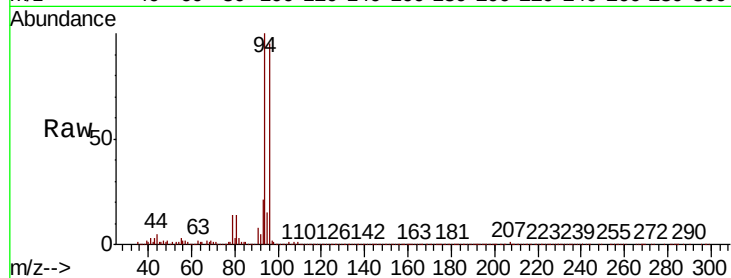
VSTDCCC050

Tgt Ion: 94 Resp: 80215

Ion Ratio Lower Upper

94 100

96 94.6 74.1 111.1



#6

Chloroethane

Concen: 46.671 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011840.D

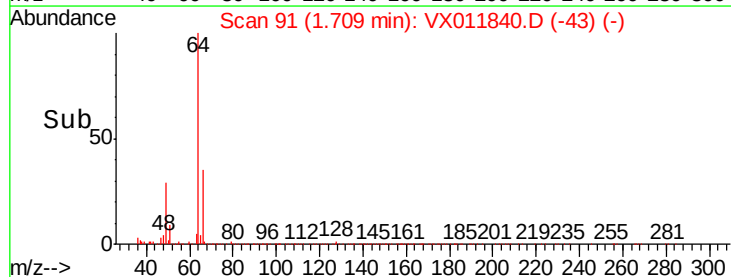
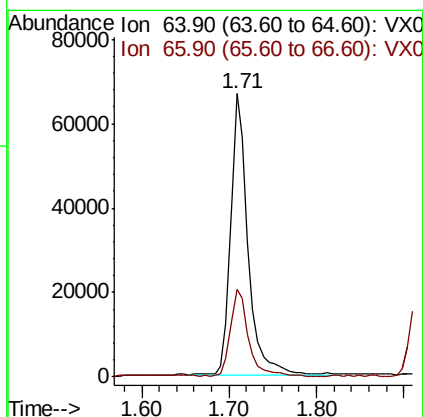
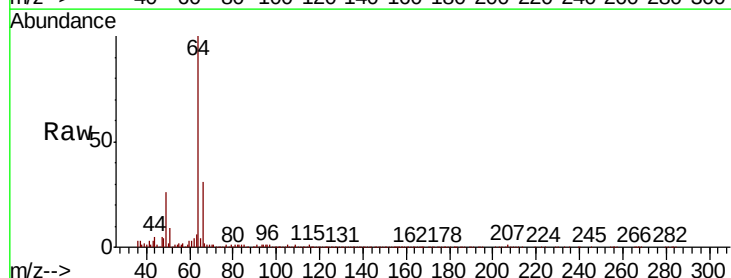
Acq: 27 Aug 2019 11:08

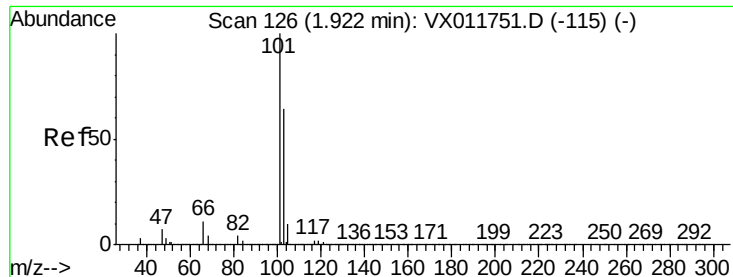
Tgt Ion: 64 Resp: 91999

Ion Ratio Lower Upper

64 100

66 30.9 24.9 37.3



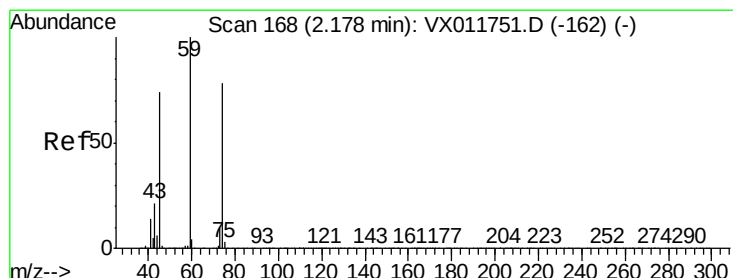
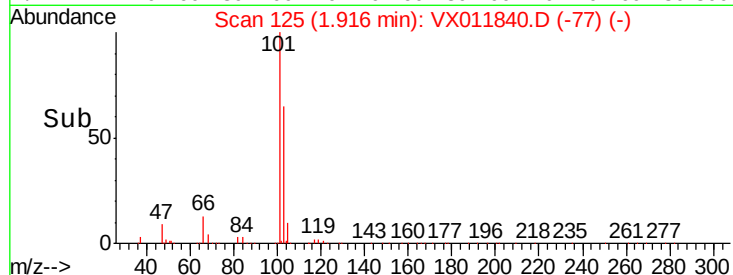
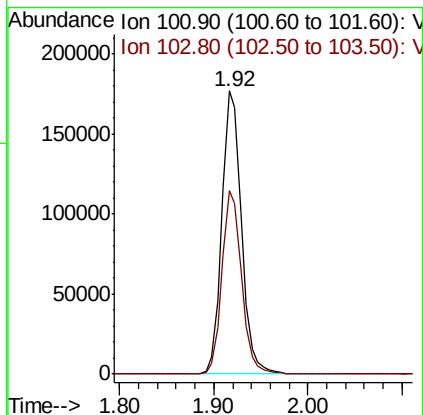
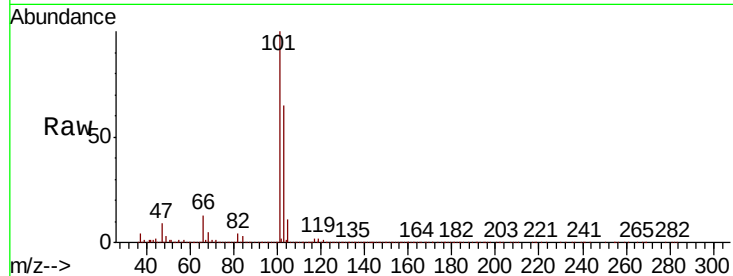


#7

Trichlorofluoromethane
 Concen: 47.616 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

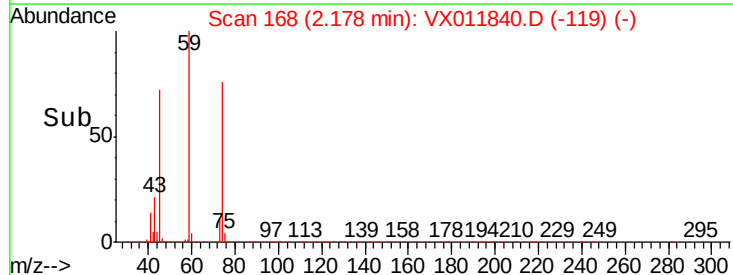
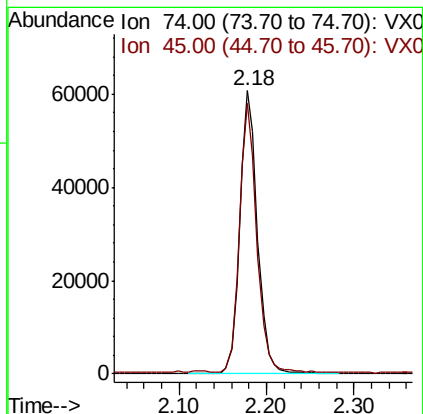
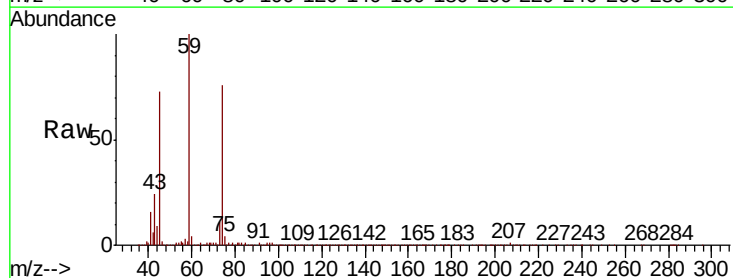
Tgt Ion:101 Resp: 255592
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.2 76.8

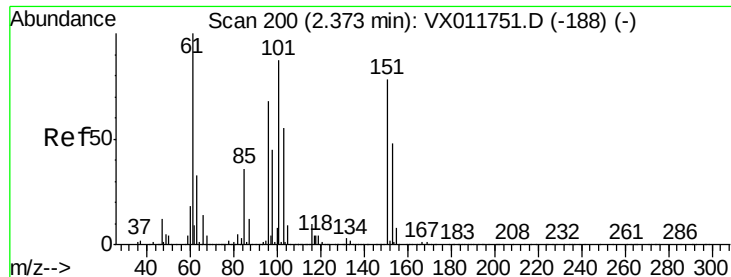


#8

Diethyl Ether
 Concen: 46.668 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion: 74 Resp: 85179
 Ion Ratio Lower Upper
 74 100
 45 93.8 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.394 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

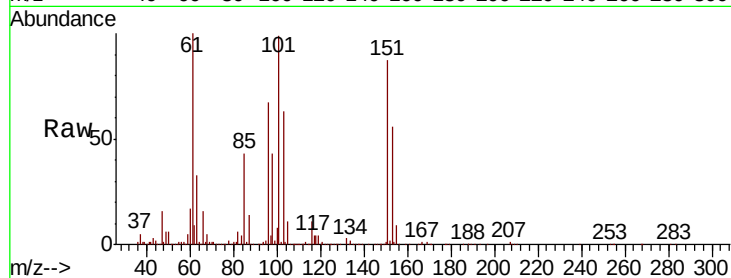
Tgt Ion:101 Resp: 160745

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

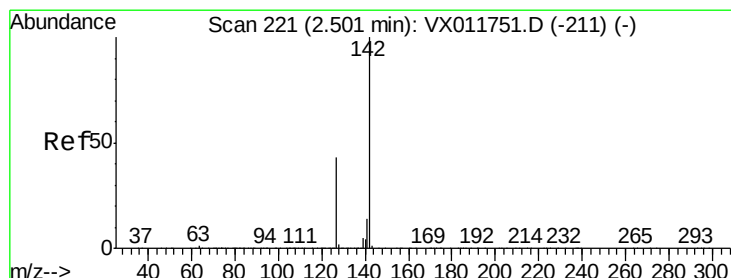
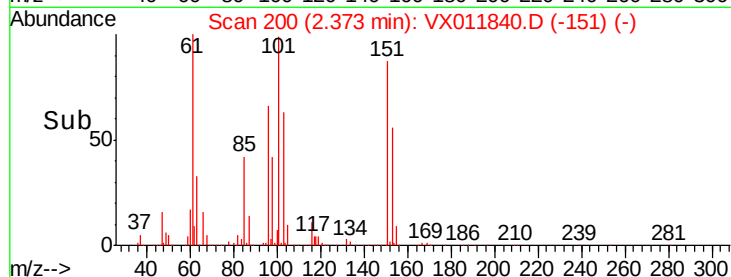
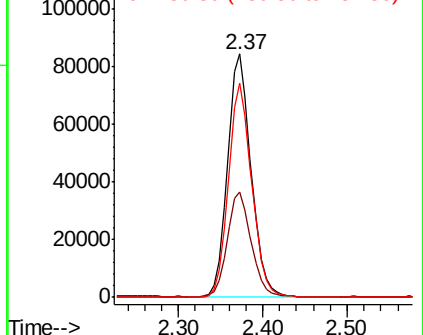
151 87.0 71.4 107.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.498 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

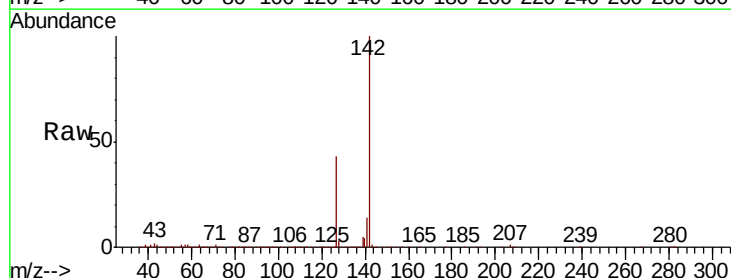
Tgt Ion:142 Resp: 208932

Ion Ratio Lower Upper

142 100

127 43.4 33.5 50.3

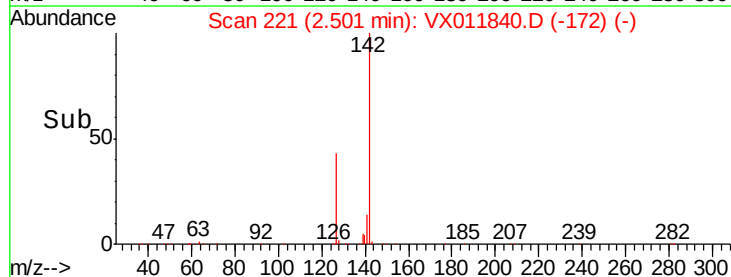
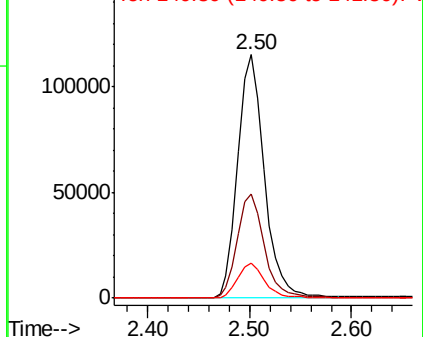
141 14.6 11.4 17.2

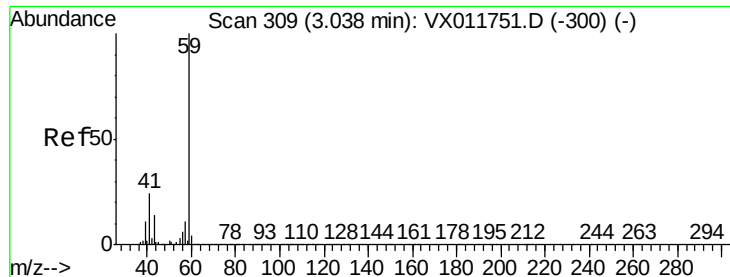


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 288.398 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

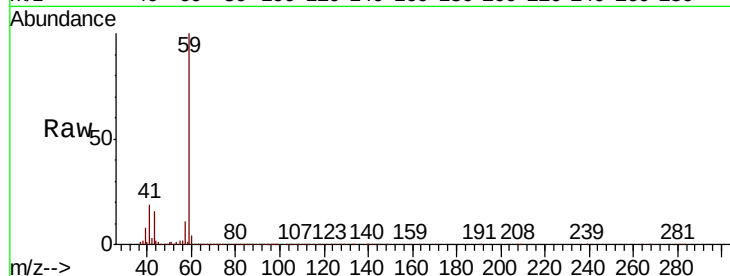
VSTDCCC050

Tgt Ion: 59 Resp: 235904

Ion Ratio Lower Upper

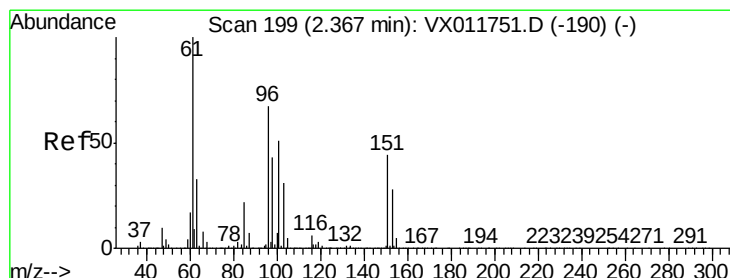
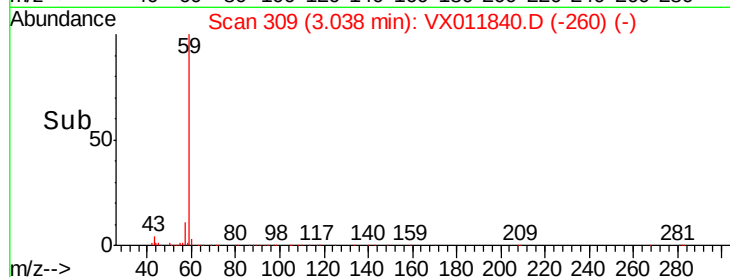
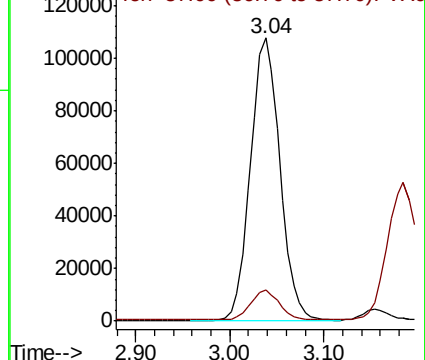
59 100

57 10.2 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 47.391 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

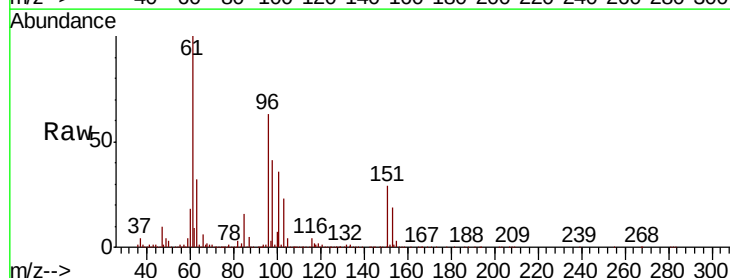
Tgt Ion: 96 Resp: 153490

Ion Ratio Lower Upper

96 100

61 159.6 119.4 179.2

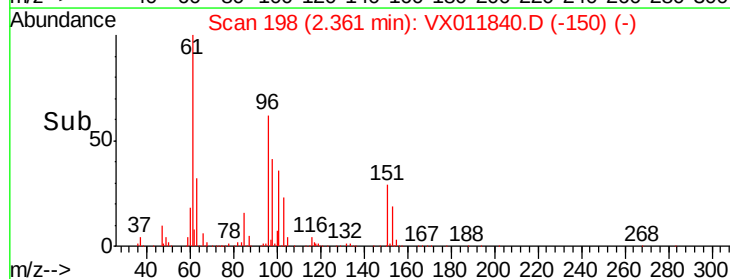
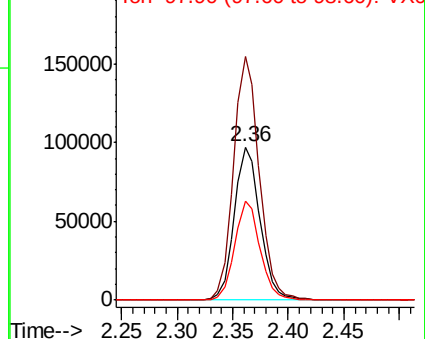
98 64.8 51.2 76.8

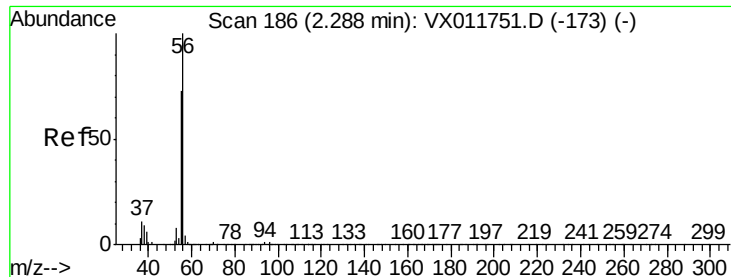


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

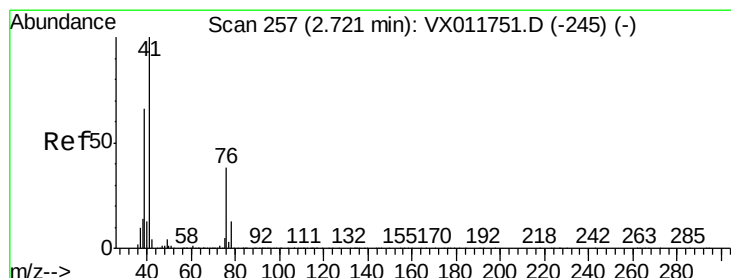
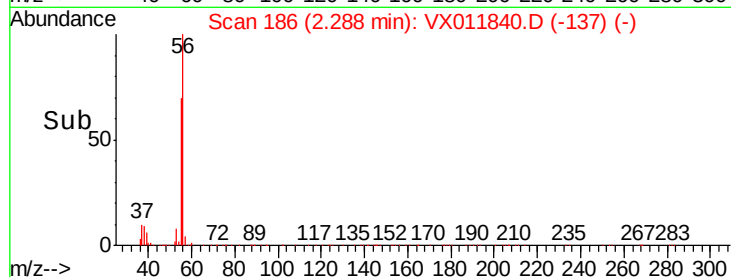
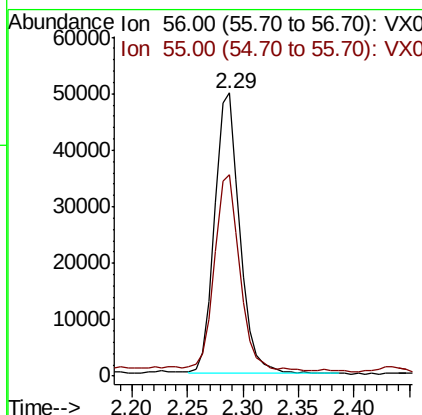
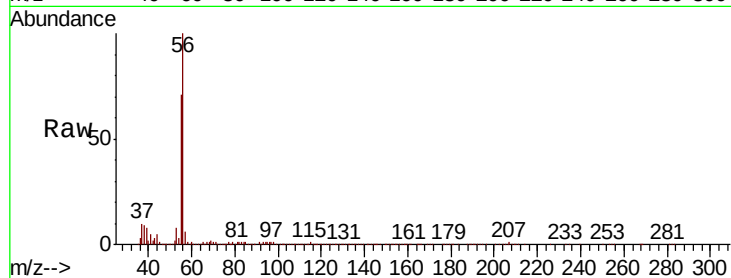




#13
Acrolein
Concen: 244.481 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

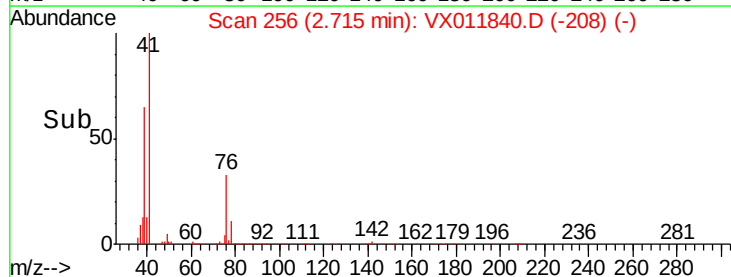
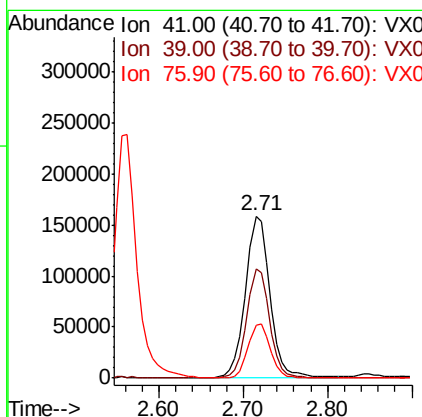
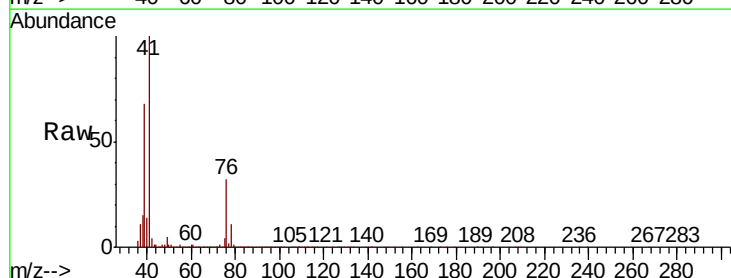
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

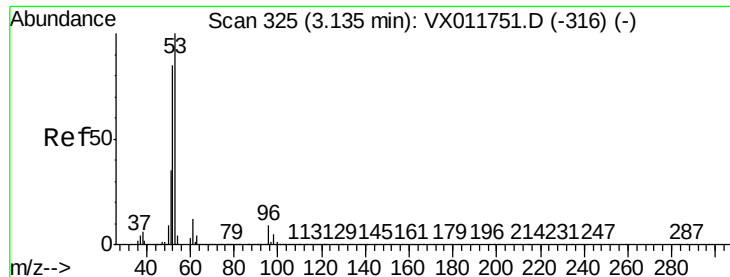
Tgt Ion: 56 Resp: 77304
Ion Ratio Lower Upper
56 100
55 73.8 54.8 82.2



#14
Allyl chloride
Concen: 60.318 ug/l
RT: 2.71 min Scan# 256
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 41 Resp: 305344
Ion Ratio Lower Upper
41 100
39 62.9 49.3 73.9
76 31.0 26.8 40.2





#15

Acrylonitrile

Concen: 254.685 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

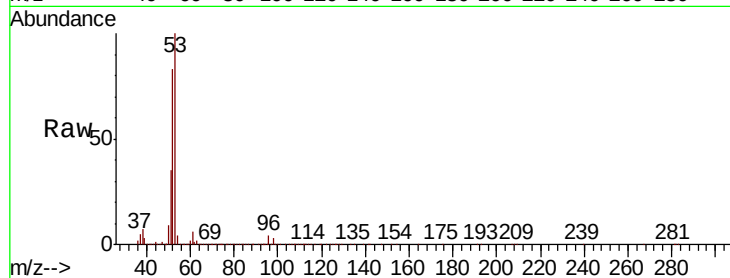
Tgt Ion: 53 Resp: 476503

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

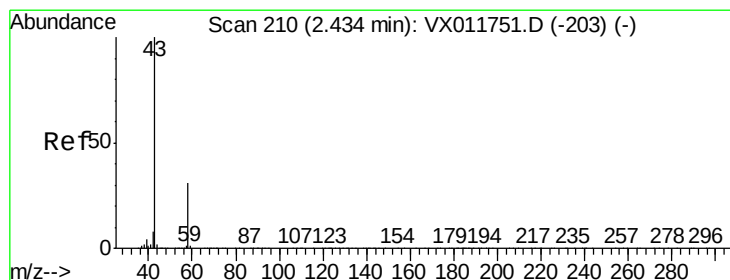
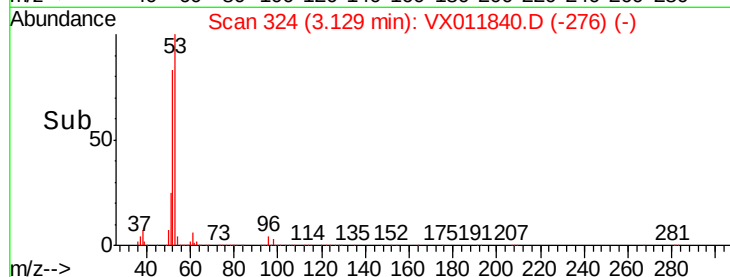
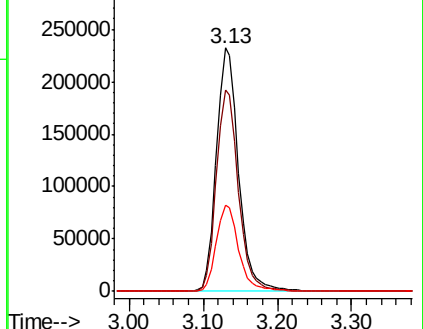
51 35.9 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 261.237 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011840.D

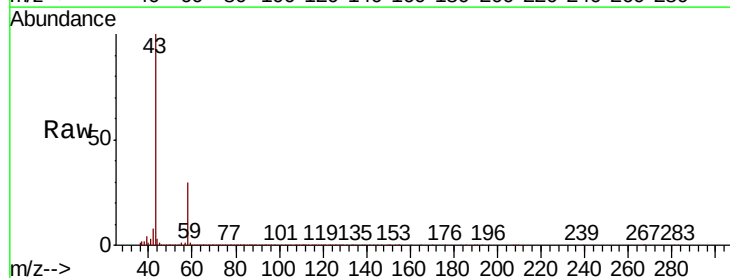
Acq: 27 Aug 2019 11:08

Tgt Ion: 43 Resp: 470410

Ion Ratio Lower Upper

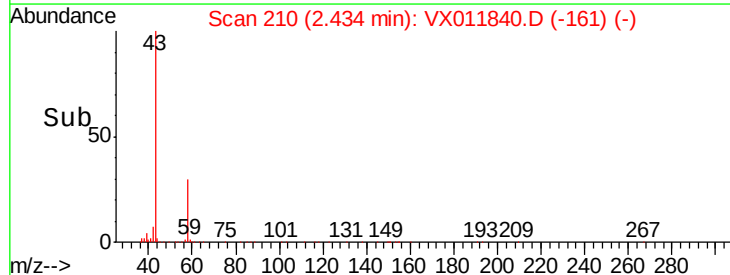
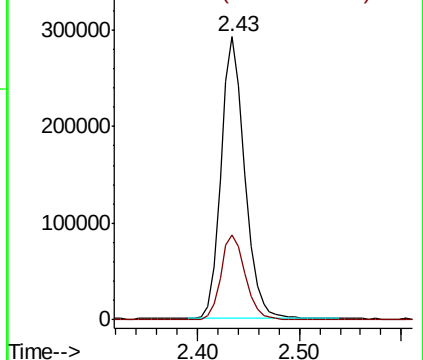
43 100

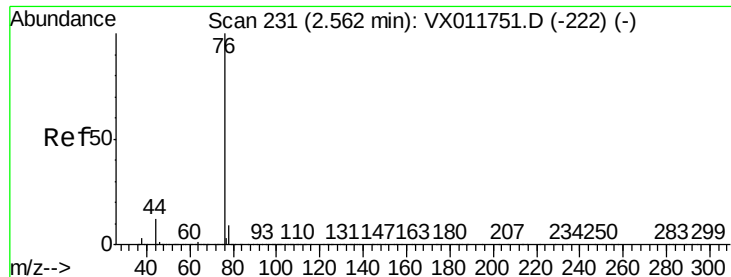
58 30.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 53.373 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

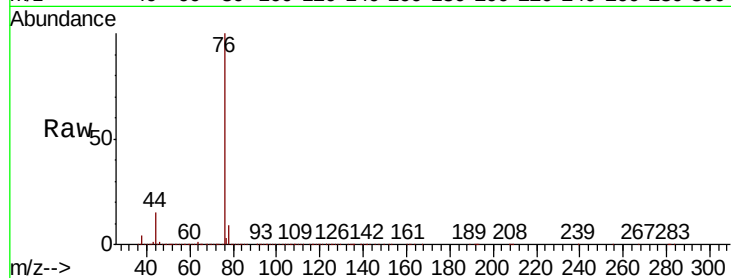
VSTDCCC050

Tgt Ion: 76 Resp: 437068

Ion Ratio Lower Upper

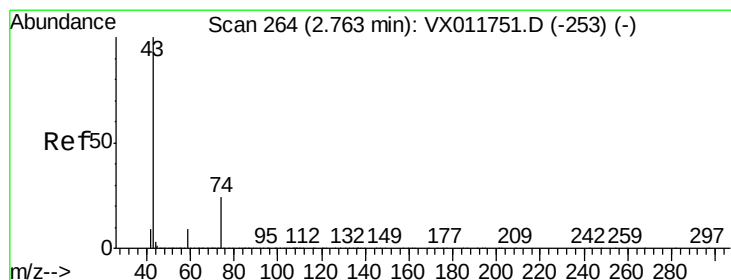
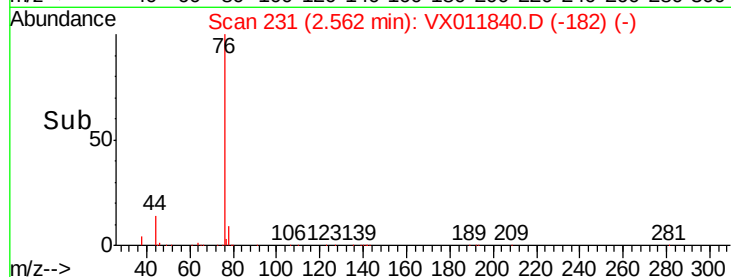
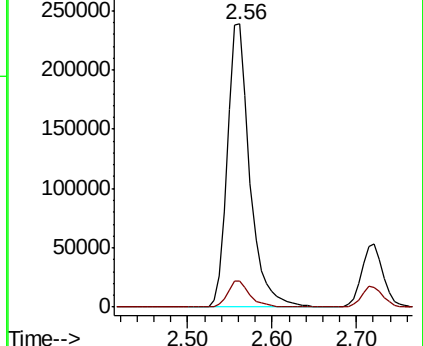
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.342 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011840.D

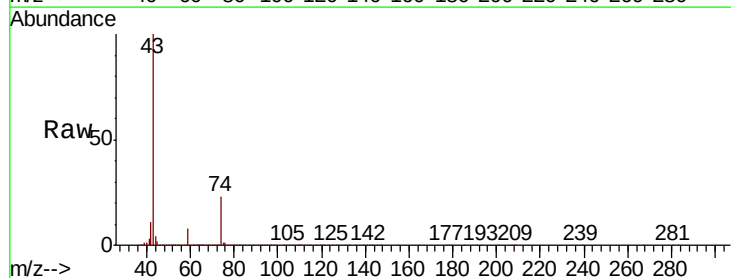
Acq: 27 Aug 2019 11:08

Tgt Ion: 43 Resp: 275295

Ion Ratio Lower Upper

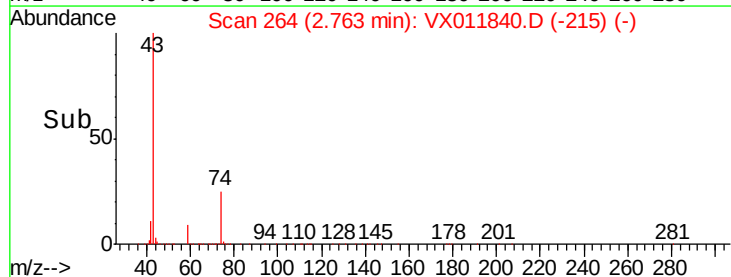
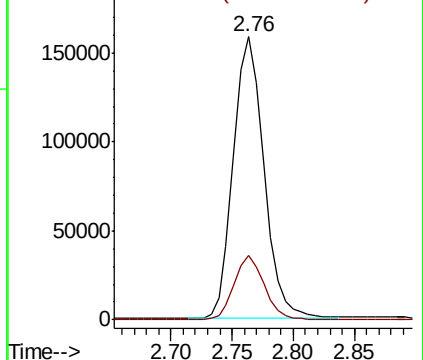
43 100

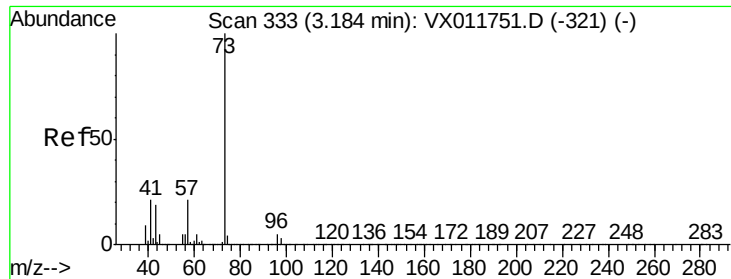
74 22.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

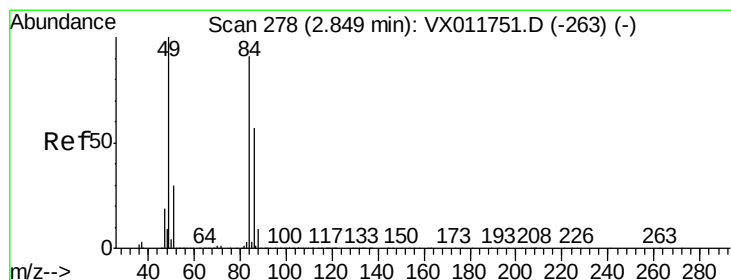
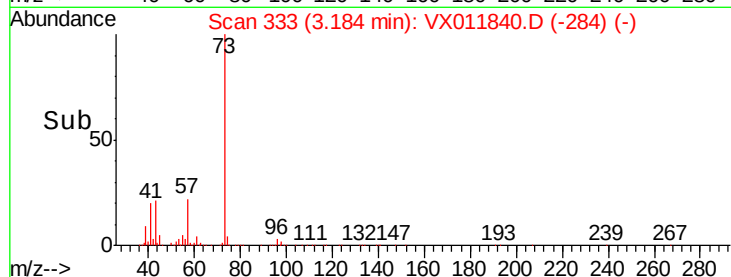
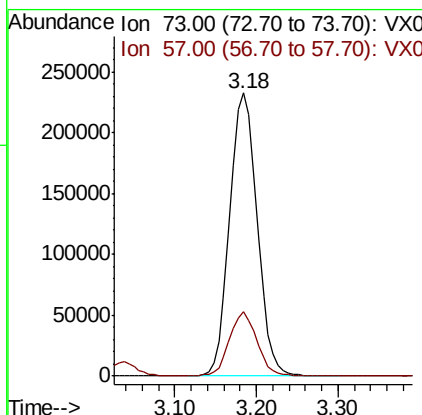
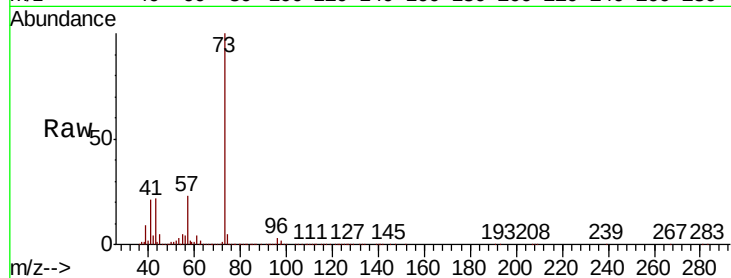




#19
Methyl tert-butyl Ether
Concen: 52.130 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

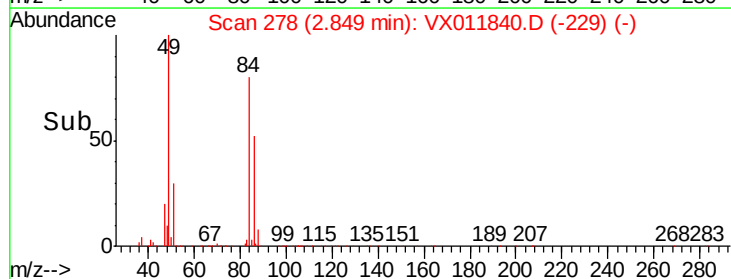
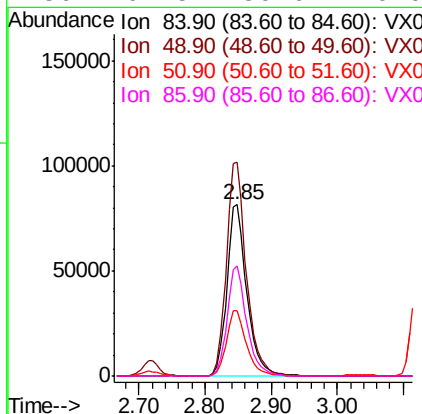
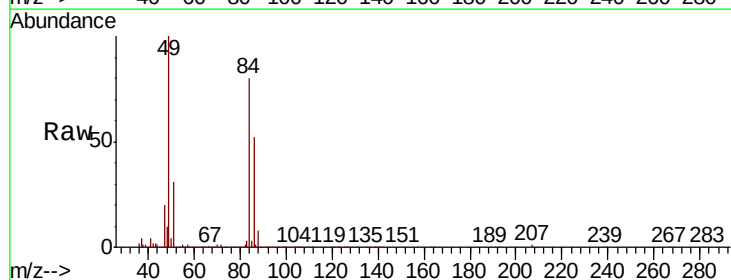
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

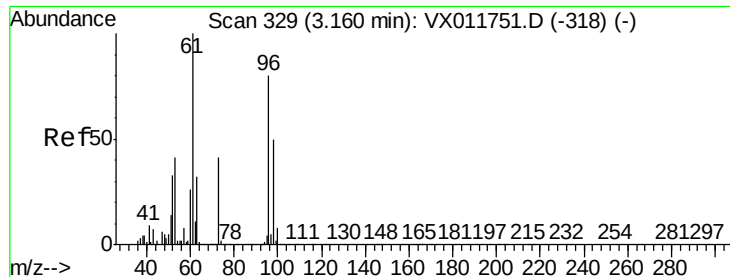
Tgt Ion: 73 Resp: 541595
Ion Ratio Lower Upper
73 100
57 22.4 16.4 24.6



#20
Methylene Chloride
Concen: 45.732 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 84 Resp: 168360
Ion Ratio Lower Upper
84 100
49 124.8 88.3 132.5
51 38.0 26.2 39.2
86 64.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 46.595 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

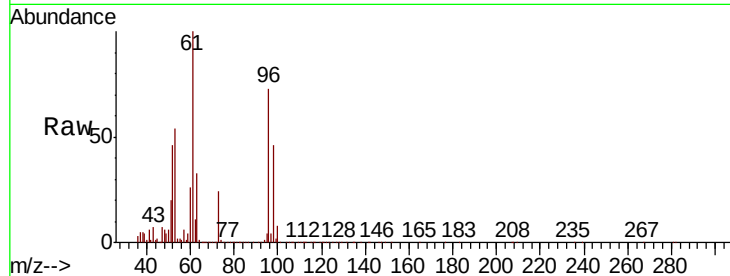
Tgt Ion: 96 Resp: 162776

Ion Ratio Lower Upper

96 100

61 137.6 99.8 149.8

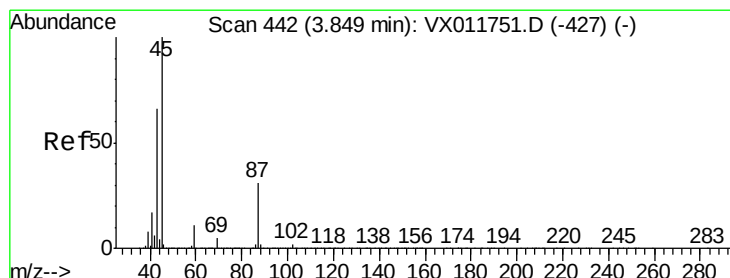
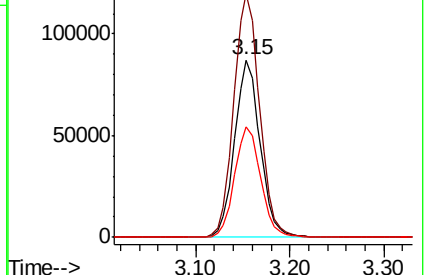
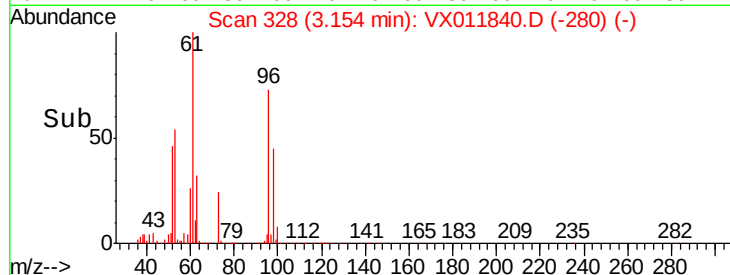
98 62.5 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.561 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion: 45 Resp: 555218

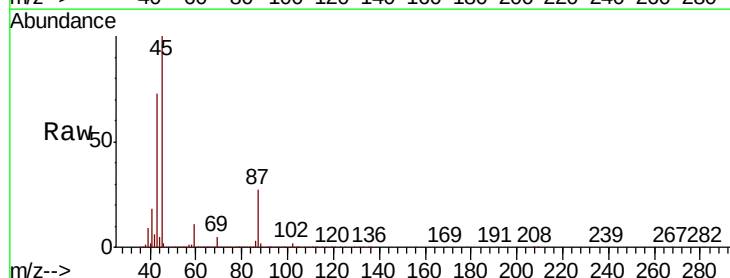
Ion Ratio Lower Upper

45 100

43 72.5 53.0 79.6

87 27.1 24.7 37.1

59 11.3 9.1 13.7

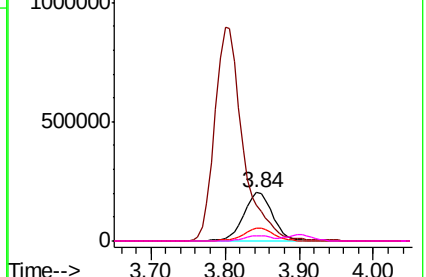
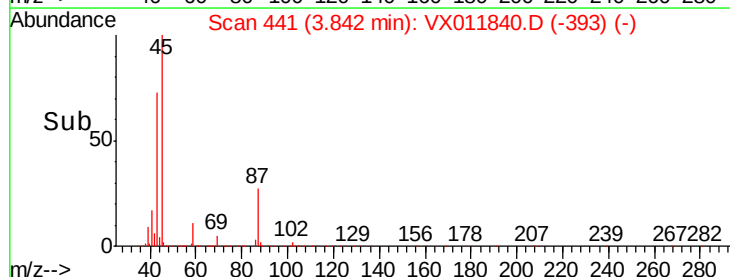


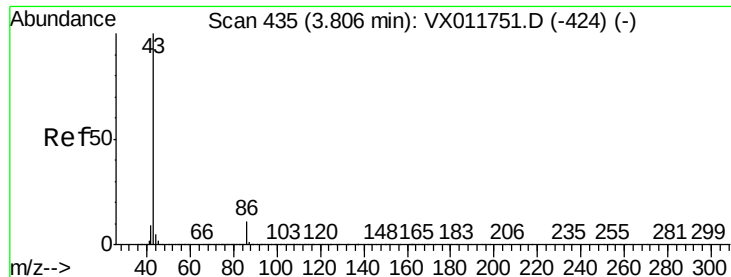
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 289.165 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

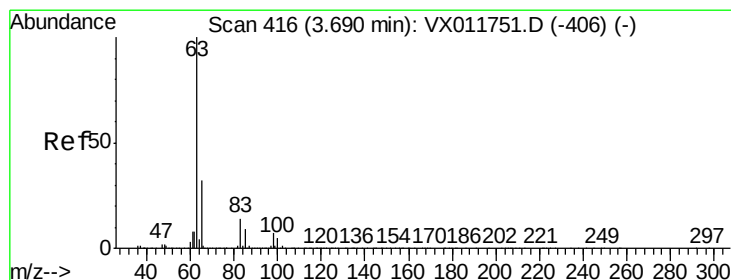
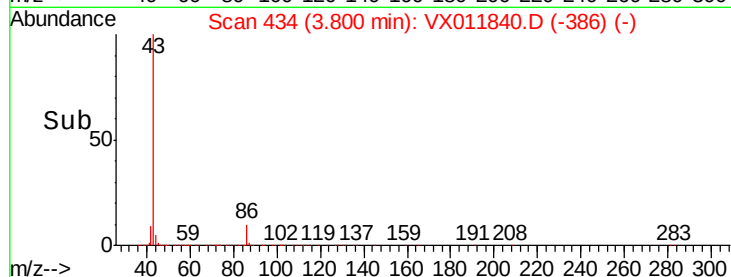
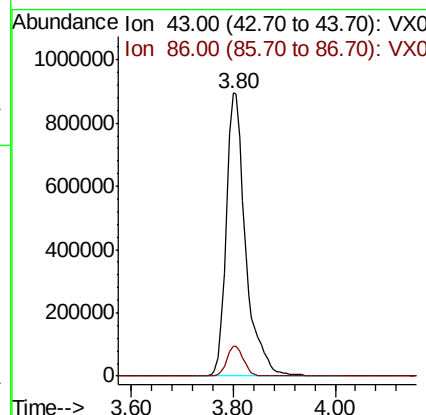
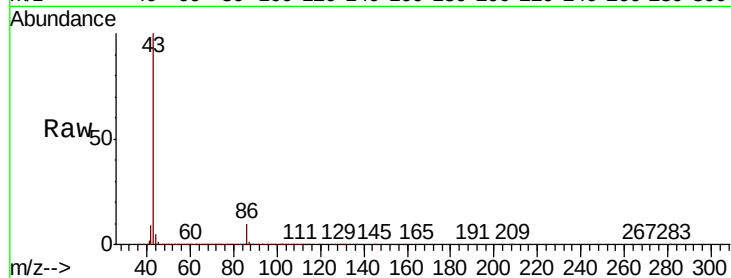
VSTDCCC050

Tgt Ion: 43 Resp: 2350192

Ion Ratio Lower Upper

43 100

86 10.4 9.2 13.8



#24

1,1-Dichloroethane

Concen: 50.945 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

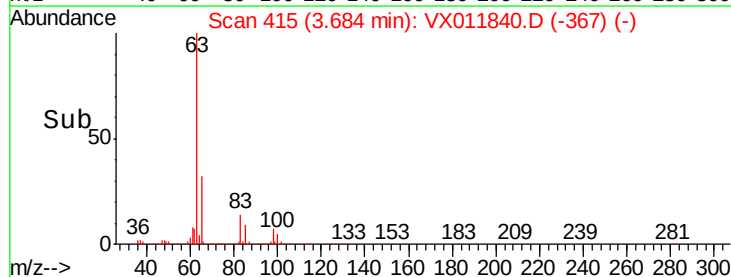
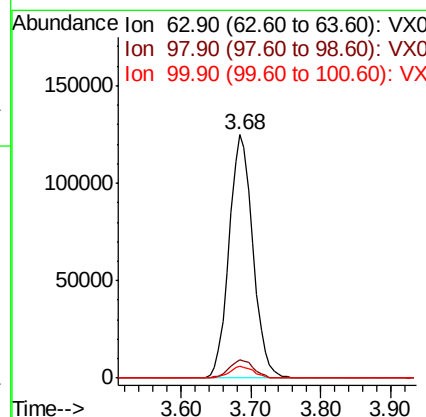
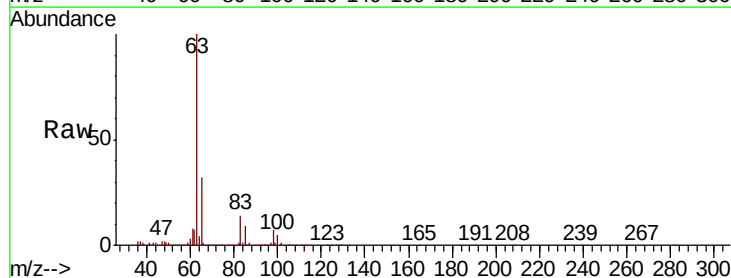
Tgt Ion: 63 Resp: 295268

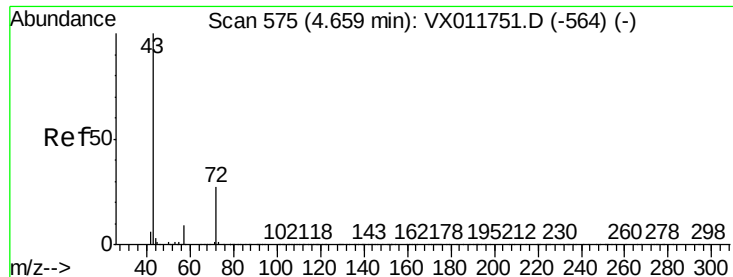
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 272.072 ug/l

RT: 4.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

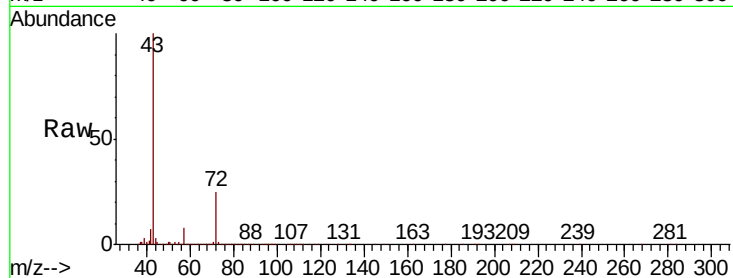
VSTDCCC050

Tgt Ion: 43 Resp: 703213

Ion Ratio Lower Upper

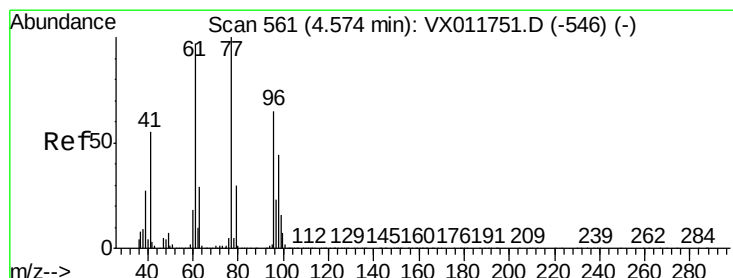
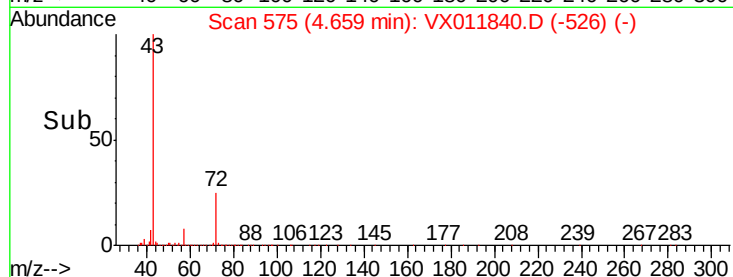
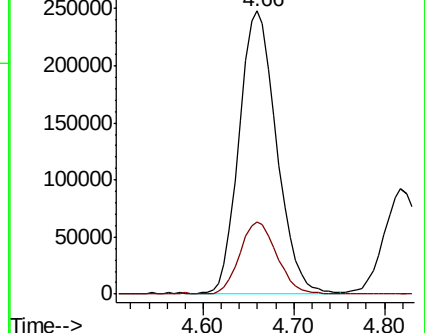
43 100

72 25.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 57.390 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011840.D

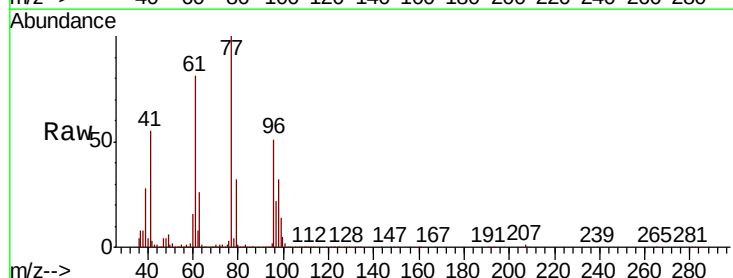
Acq: 27 Aug 2019 11:08

Tgt Ion: 77 Resp: 282469

Ion Ratio Lower Upper

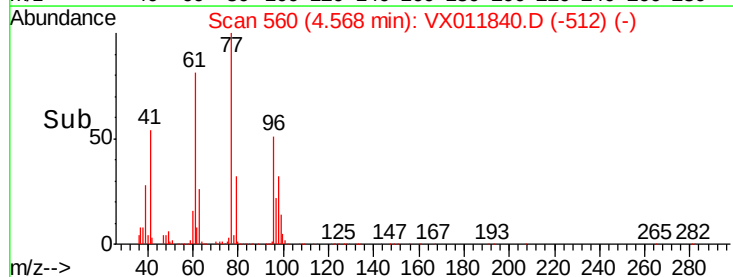
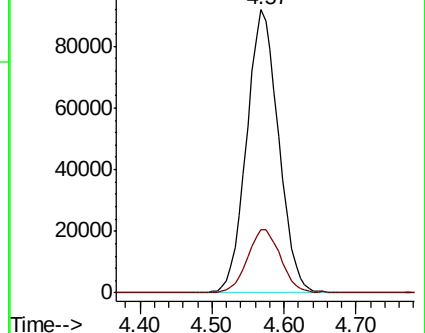
77 100

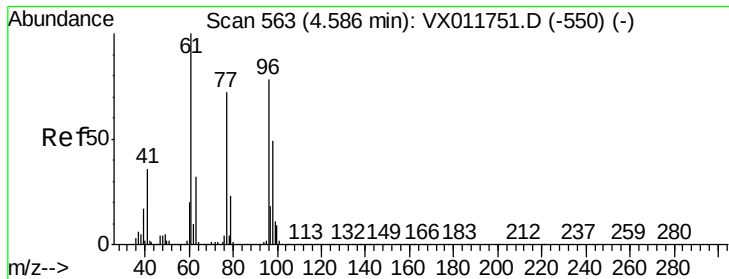
97 23.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



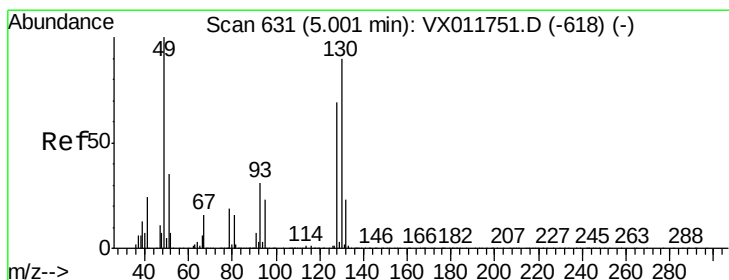
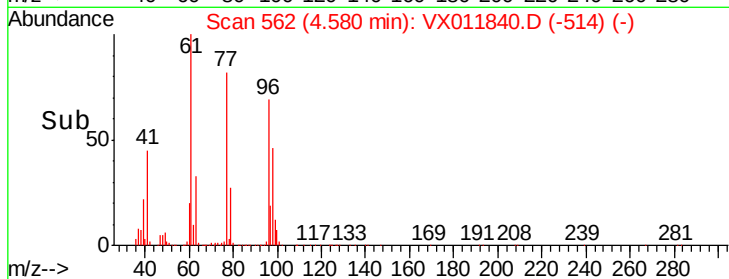
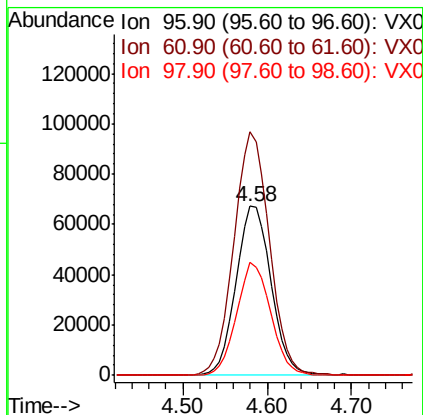
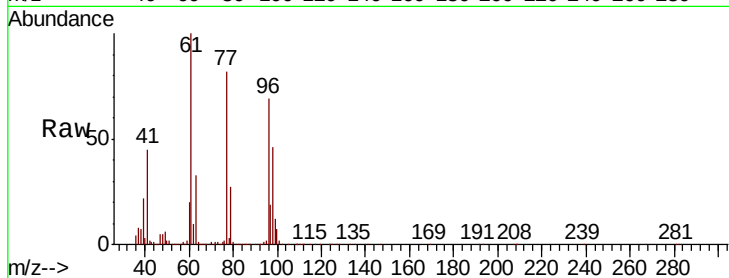


#27

cis-1,2-Dichloroethene
 Concen: 46.951 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

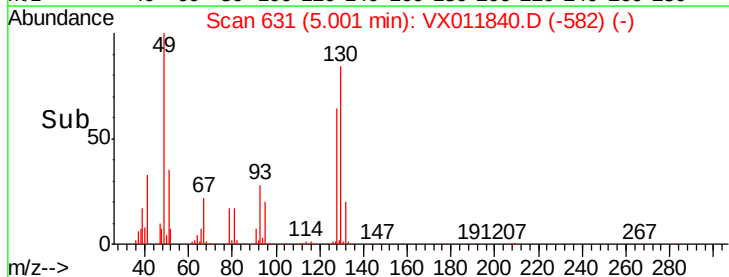
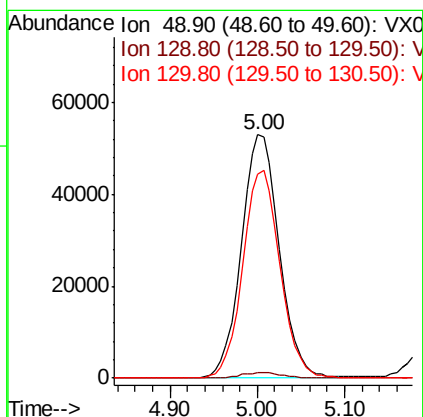
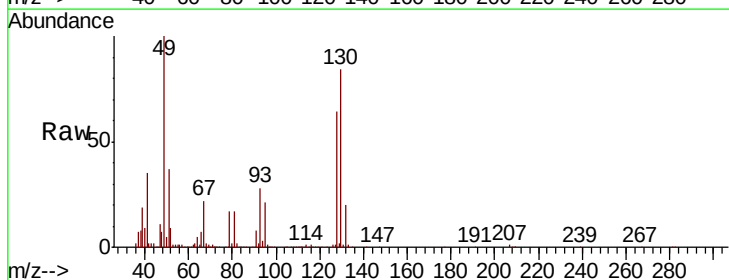
Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	275.8
98	64.8	0.0	128.2

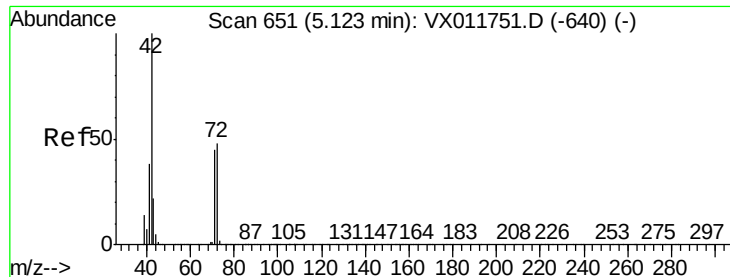


#28

Bromochloromethane
 Concen: 60.429 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.8
130	84.1	76.8	115.2





#29

Tetrahydrofuran

Concen: 264.759 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

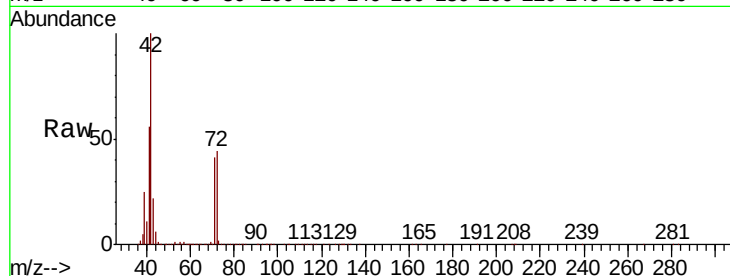
Tgt Ion: 42 Resp: 438661

Ion Ratio Lower Upper

42 100

72 43.8 37.6 56.4

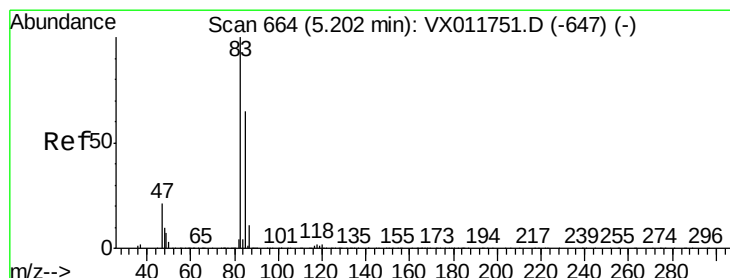
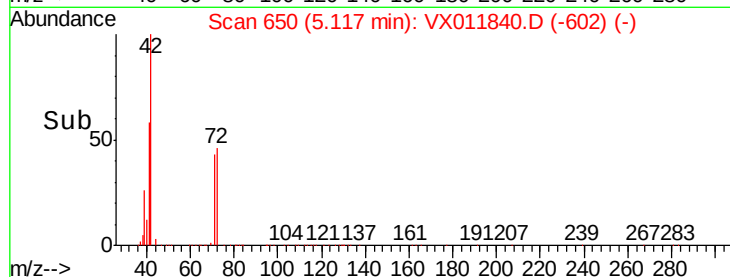
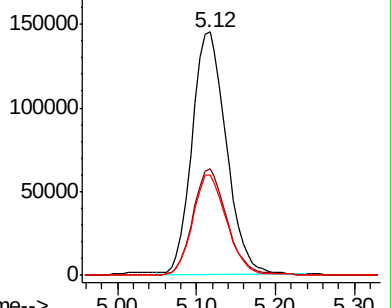
71 40.7 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.782 ug/l

RT: 5.20 min Scan# 663

Delta R.T. -0.01 min

Lab File: VX011840.D

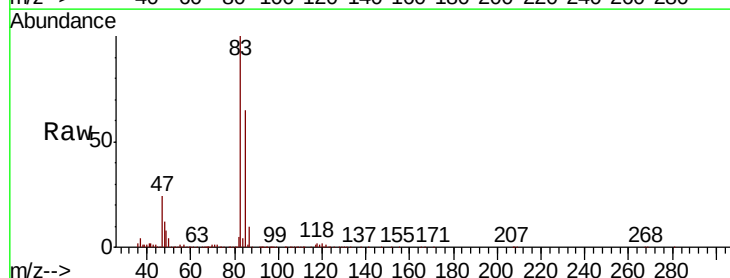
Acq: 27 Aug 2019 11:08

Tgt Ion: 83 Resp: 300455

Ion Ratio Lower Upper

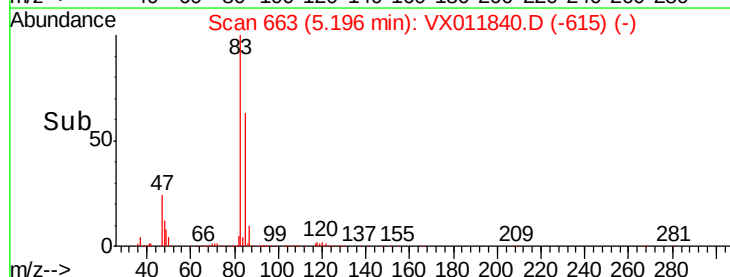
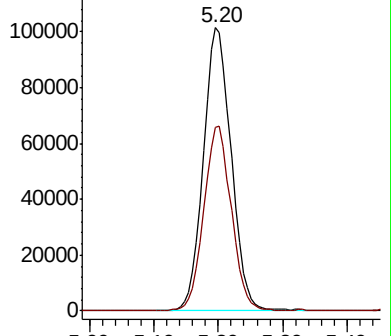
83 100

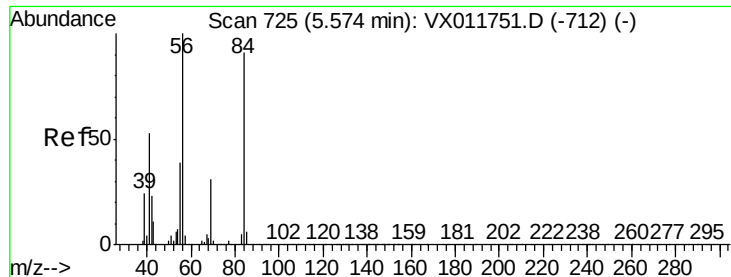
85 64.8 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

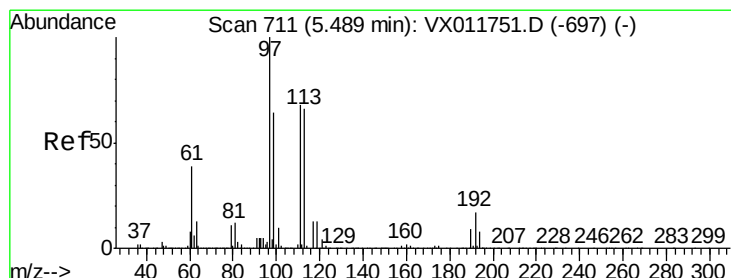
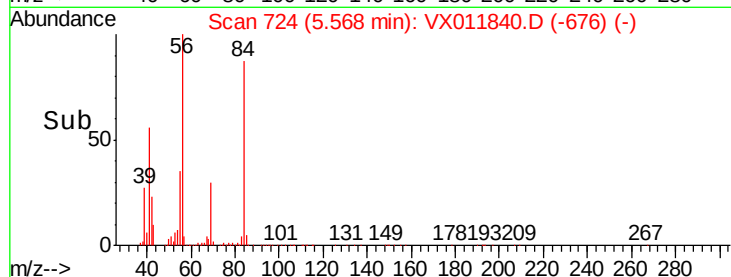
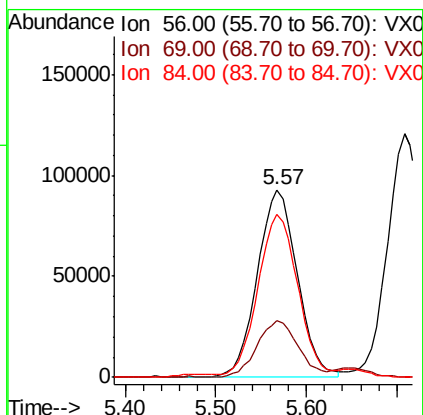
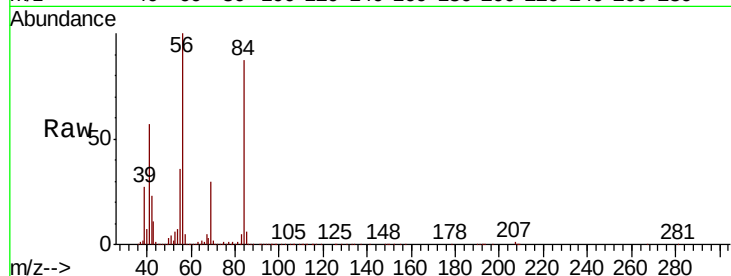




#31
Cyclohexane
Concen: 55.107 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

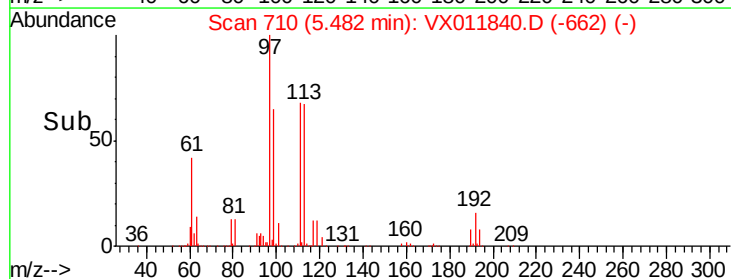
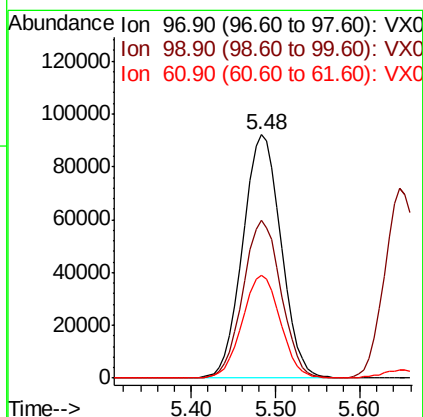
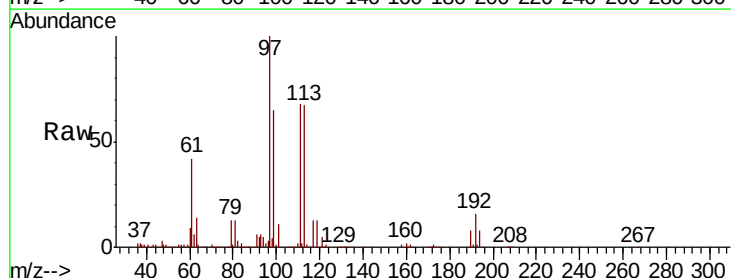
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

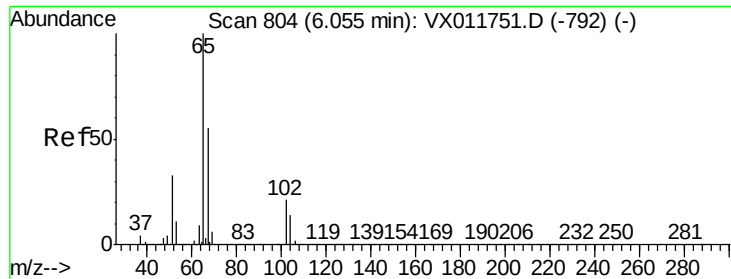
Tgt Ion: 56 Resp: 280498
Ion Ratio Lower Upper
56 100
69 29.6 24.5 36.7
84 85.6 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 51.798 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 97 Resp: 283125
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 42.4 31.6 47.4

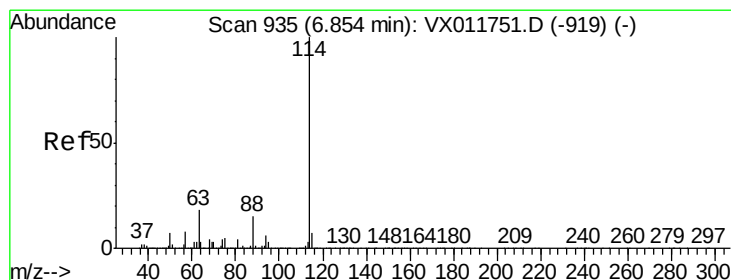
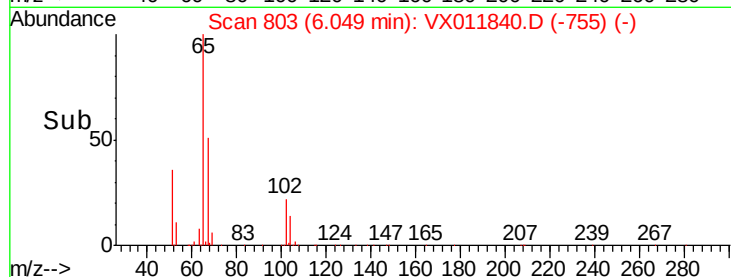
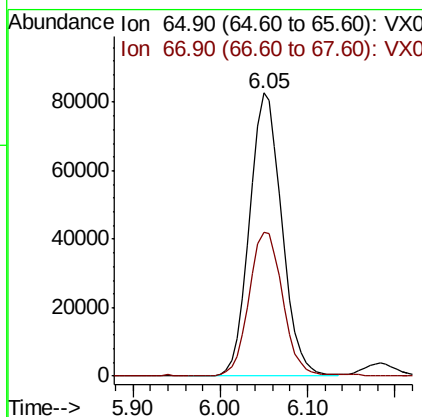
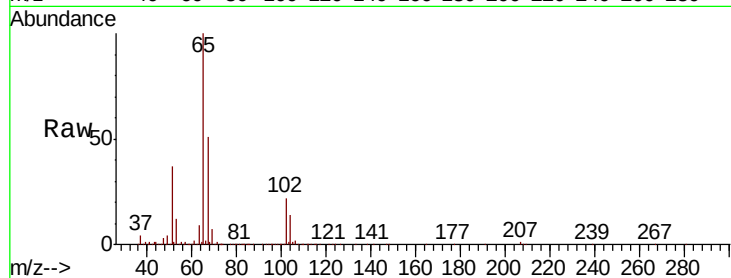




#33
 1,2-Dichloroethane-d4
 Concen: 51.211 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

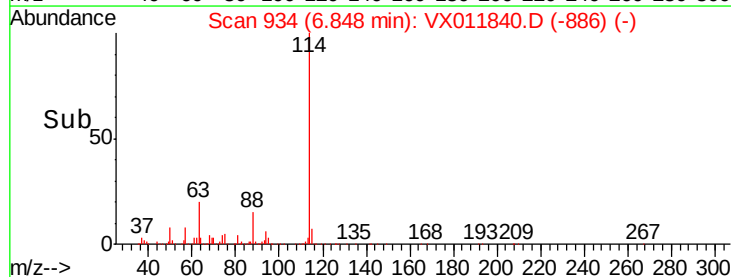
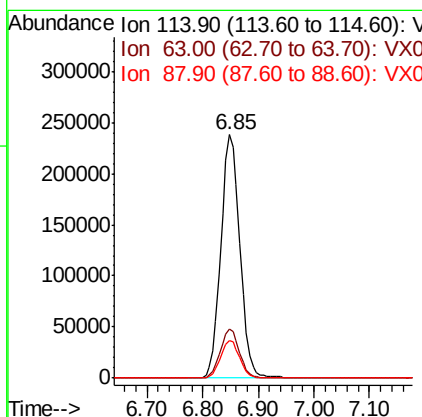
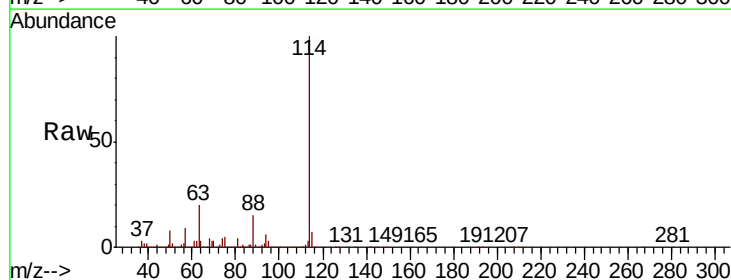
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

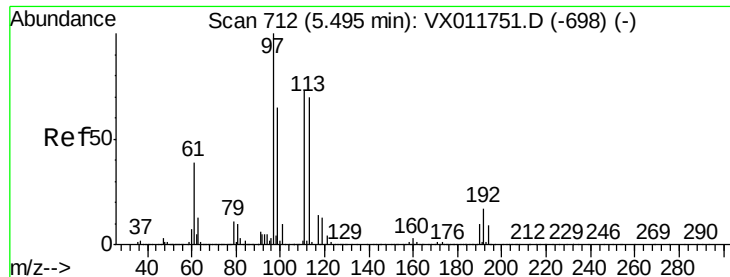
Tgt Ion: 65 Resp: 211989
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion: 114 Resp: 564127
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 36.8
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.361 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

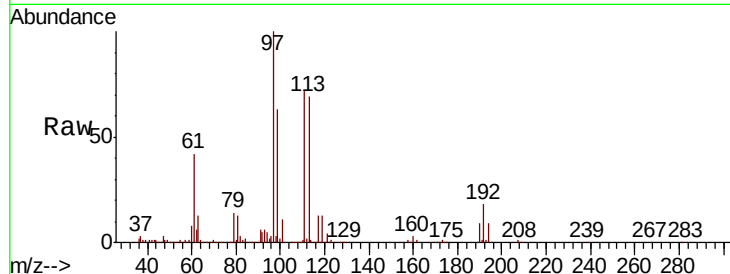
Tgt Ion: 113 Resp: 180062

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.4

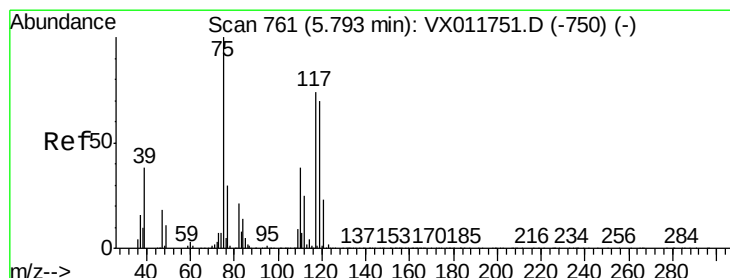
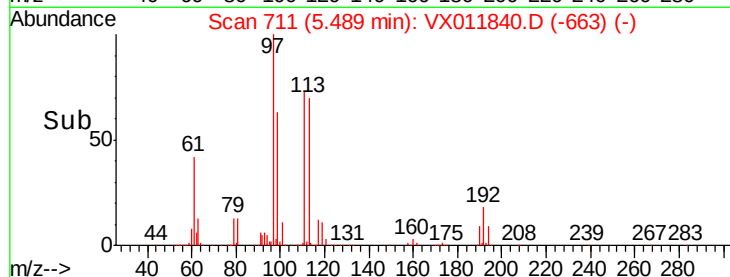
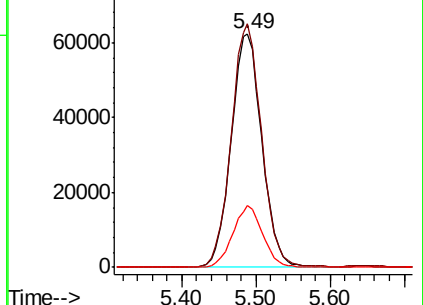
192 25.6 19.9 29.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.884 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

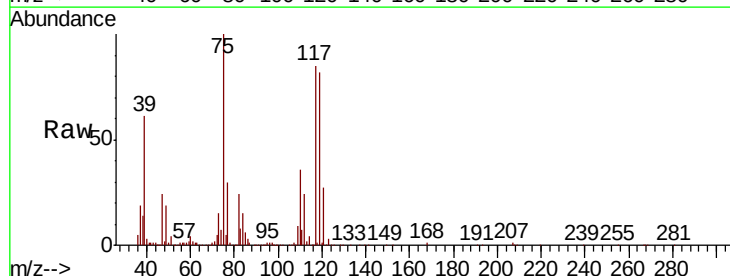
Tgt Ion: 75 Resp: 229522

Ion Ratio Lower Upper

75 100

110 36.6 19.0 57.0

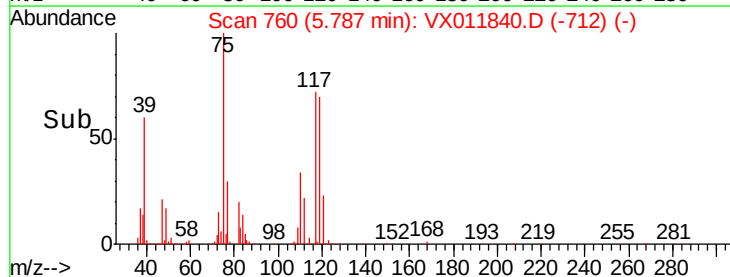
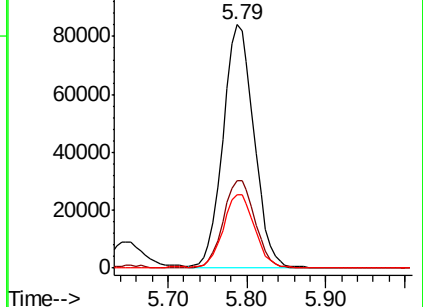
77 30.5 24.6 36.8

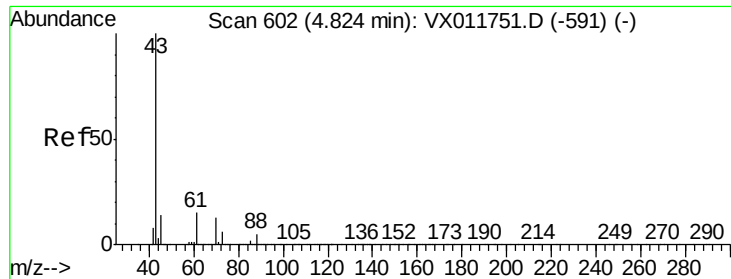


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

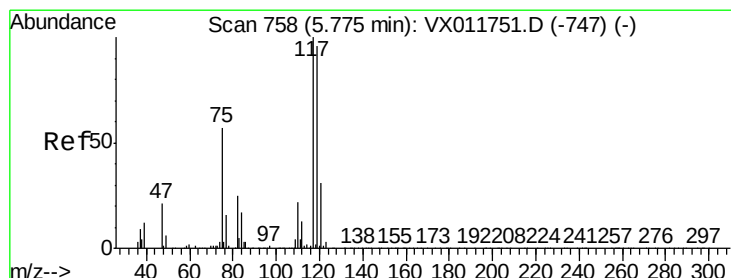
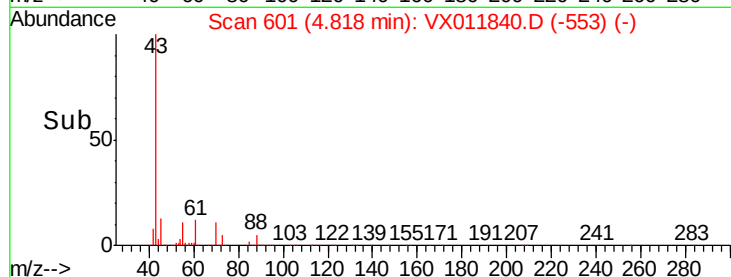
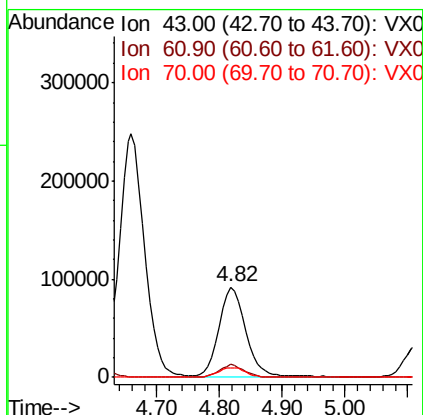
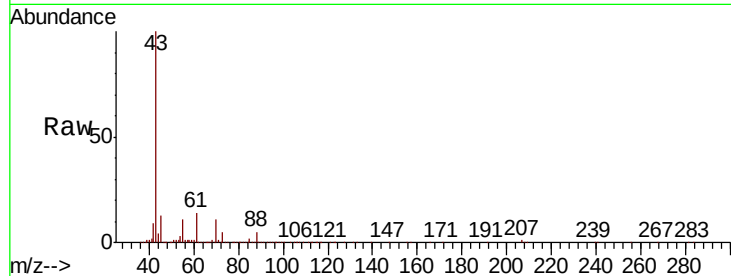




#37
Ethyl Acetate
Concen: 57.181 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

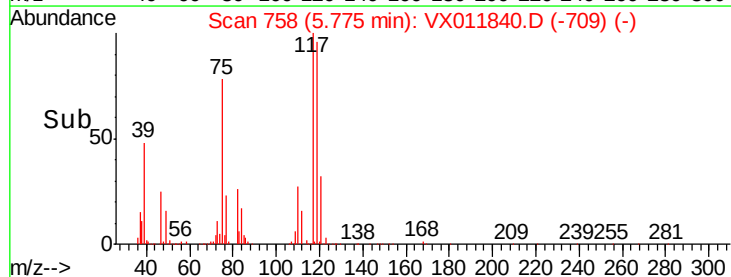
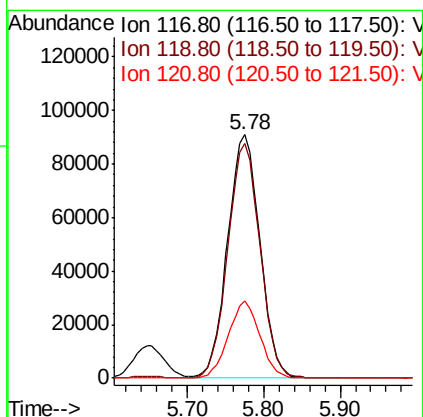
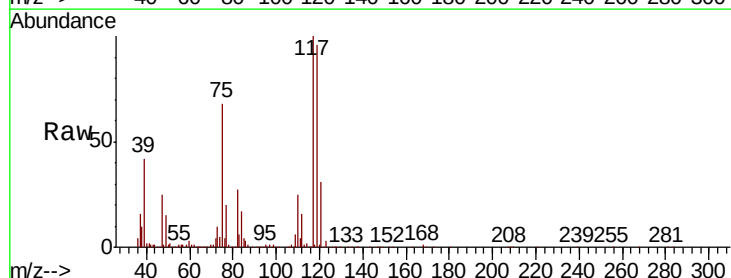
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

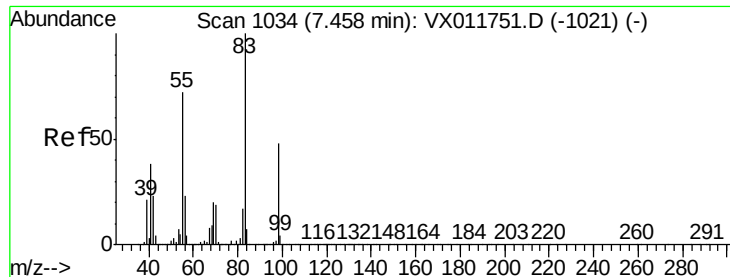
Tgt Ion: 43 Resp: 267686
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 10.9 9.5 14.3



#38
Carbon Tetrachloride
Concen: 52.968 ug/l
RT: 5.78 min Scan# 758
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 117 Resp: 265551
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8
121 31.4 25.2 37.8

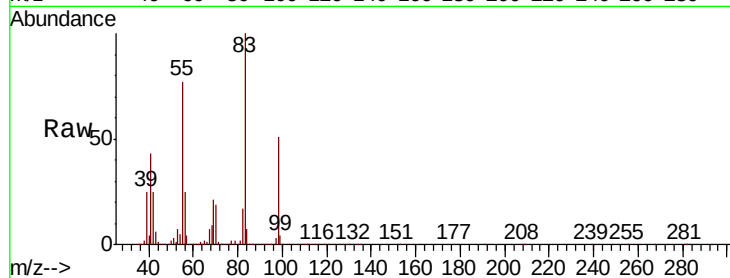




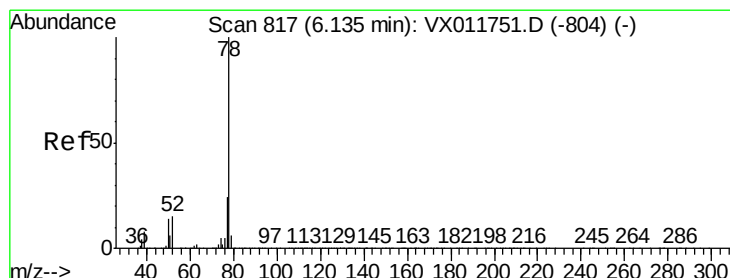
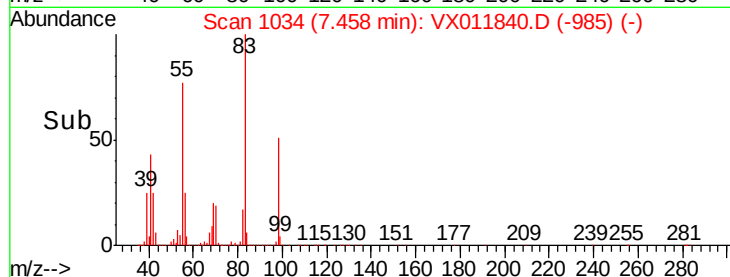
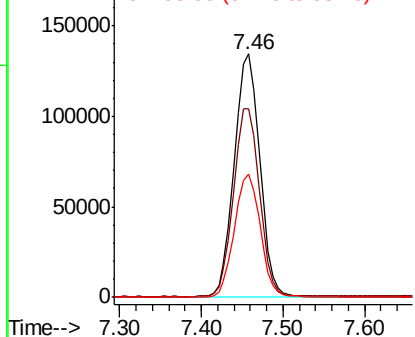
#39
Methylcyclohexane
Concen: 53.238 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	57.8	86.6
98	50.7	38.6	58.0

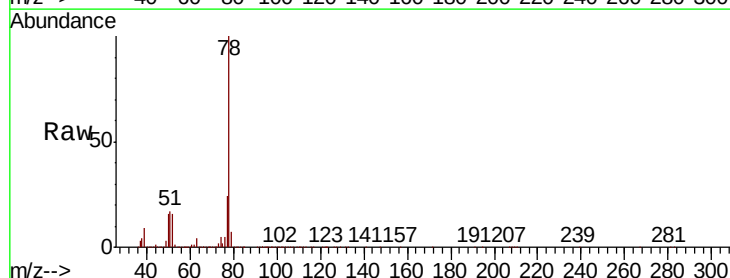


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

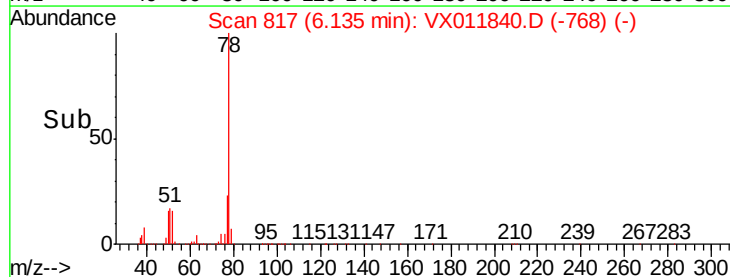
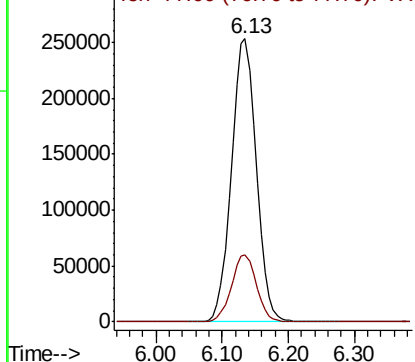


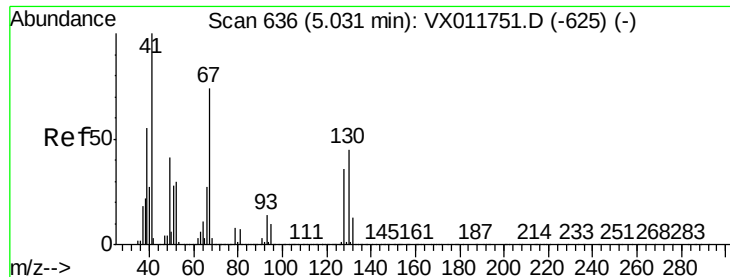
#40
Benzene
Concen: 48.241 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7



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

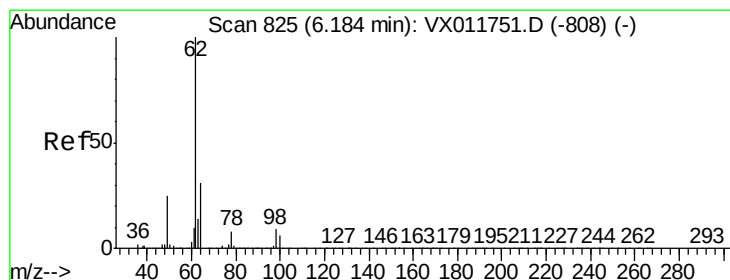
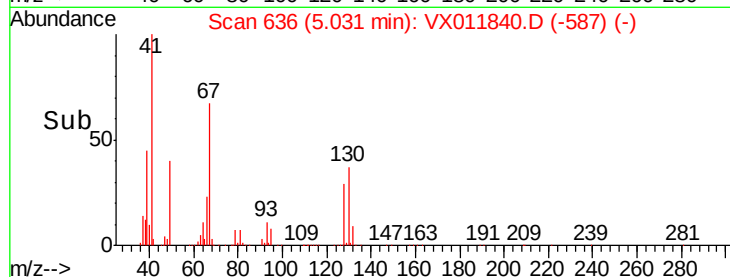
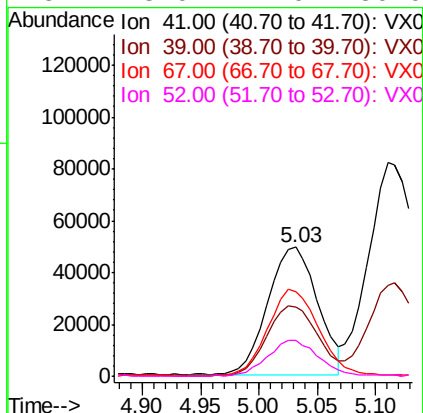
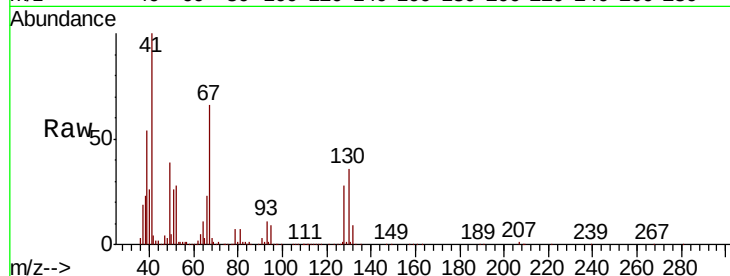




#41
Methacrylonitrile
Concen: 53.623 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

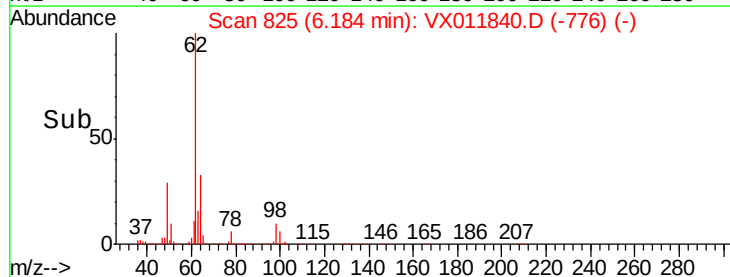
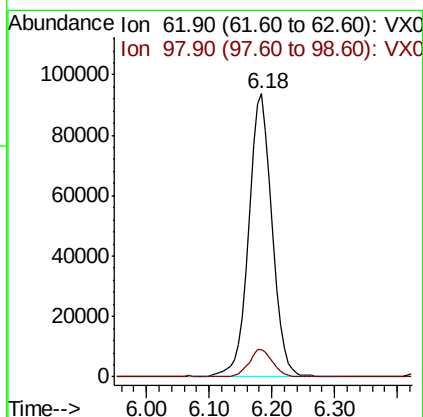
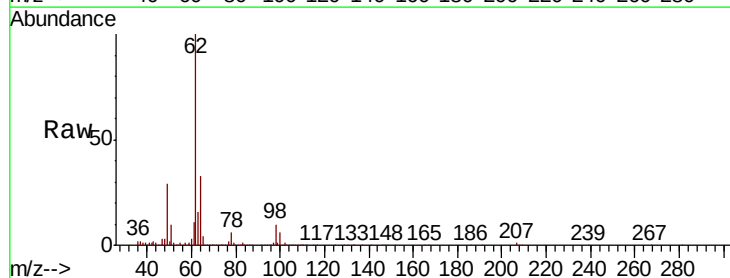
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

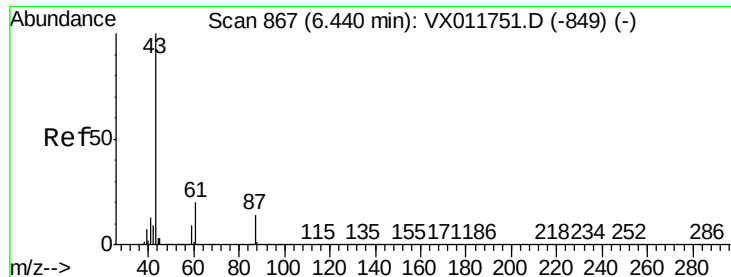
Tgt Ion:	41	Resp:	145995
Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.3	66.5
67	69.0	60.3	90.5
52	28.0	24.0	36.0



#42
1,2-Dichloroethane
Concen: 48.164 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion:	62	Resp:	240942
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8

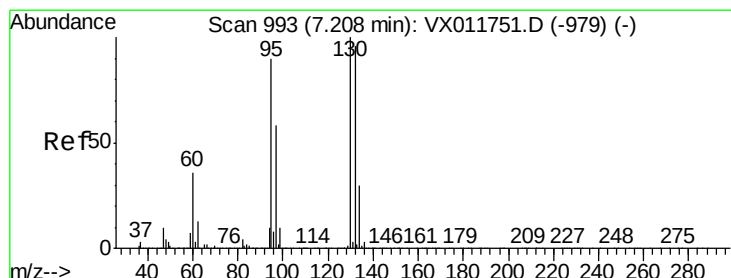
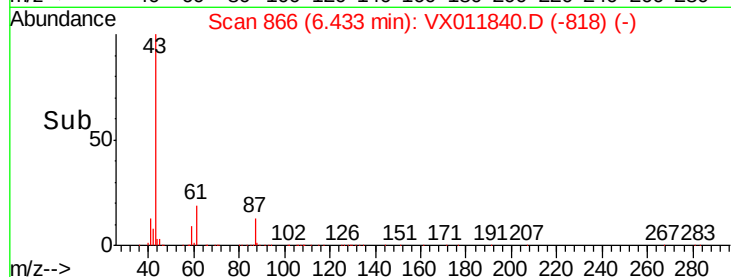
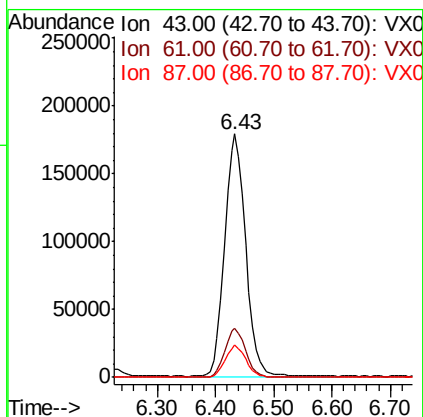
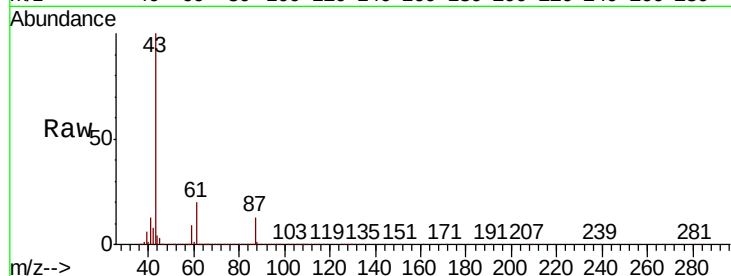




#43
Isopropyl Acetate
Concen: 58.848 ug/l
RT: 6.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

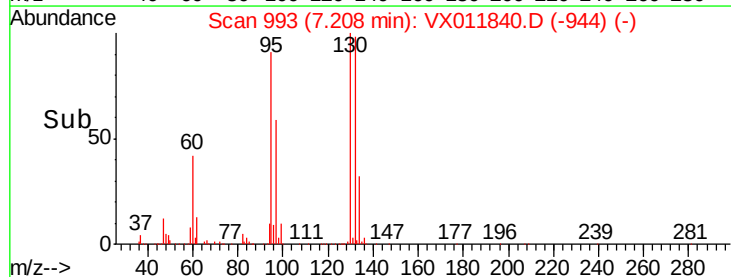
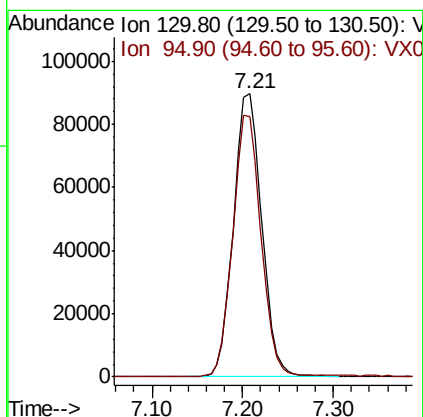
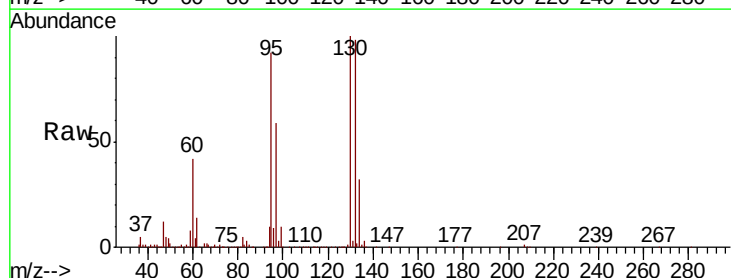
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

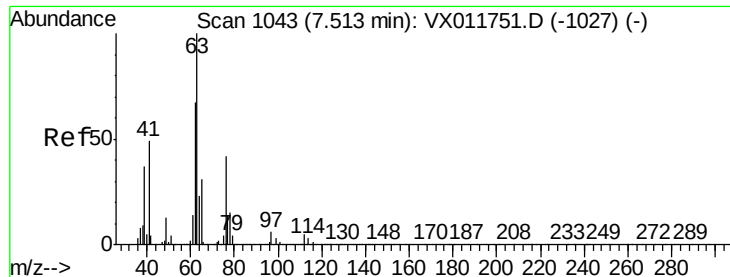
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.1	11.6	17.4



#44
Trichloroethene
Concen: 46.239 ug/l
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	179.0

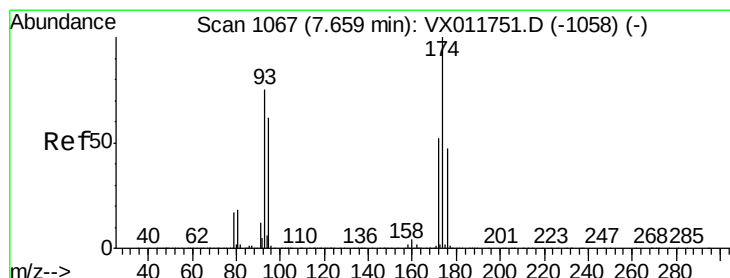
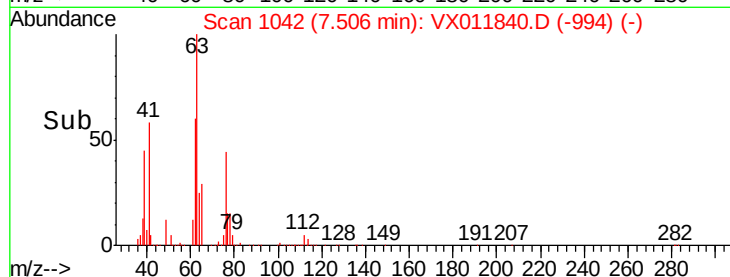
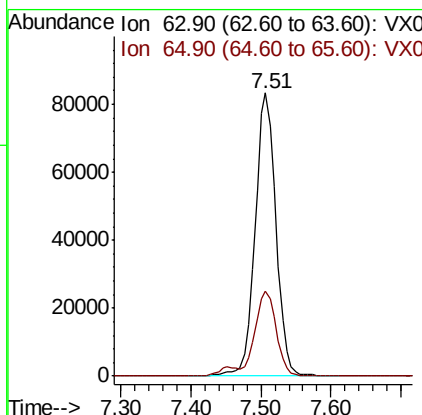
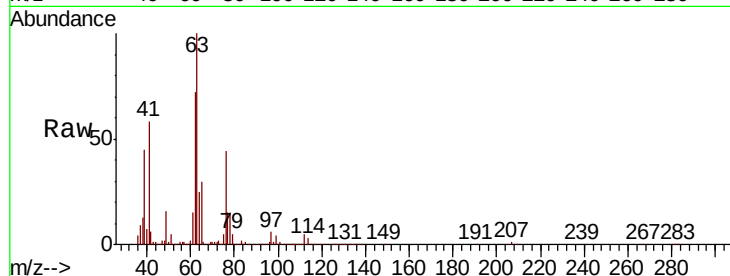




#45
 1,2-Dichloropropane
 Concen: 50.129 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

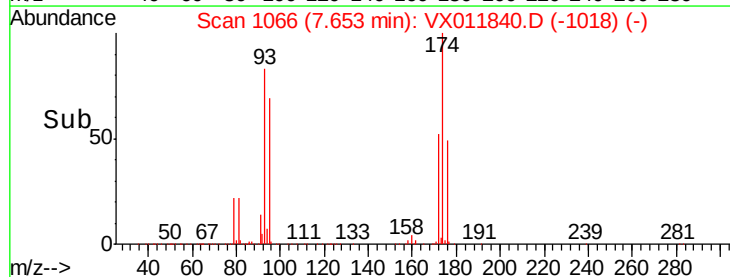
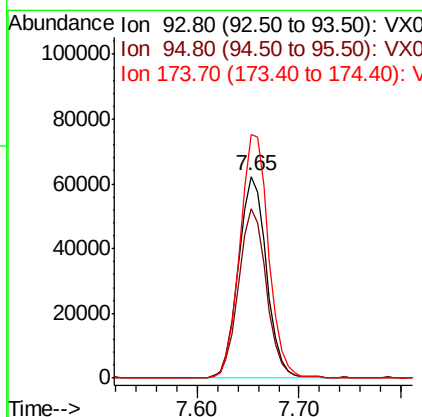
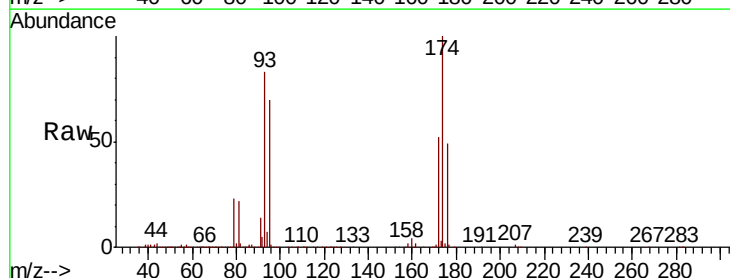
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

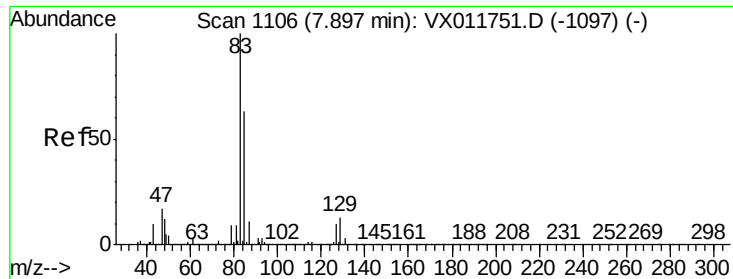
Tgt Ion: 63 Resp: 172430
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2



#46
 Dibromomethane
 Concen: 46.476 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion: 93 Resp: 117861
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.2
 174 124.7 104.2 156.4

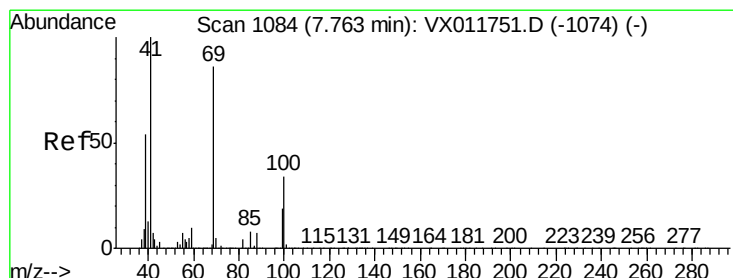
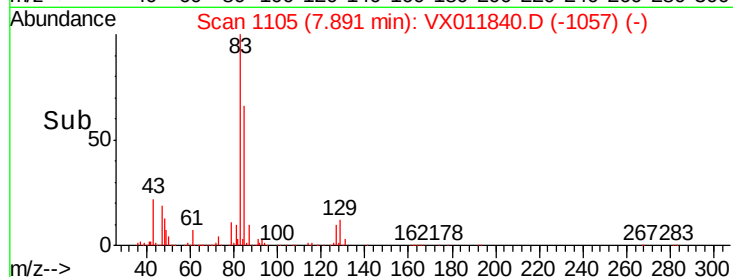
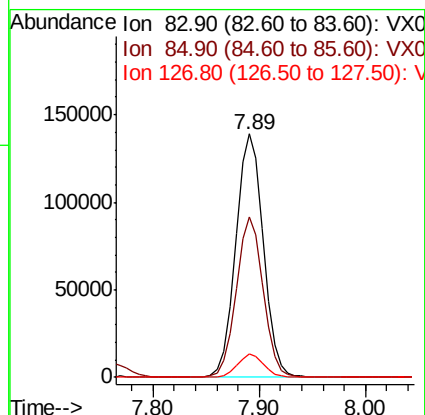
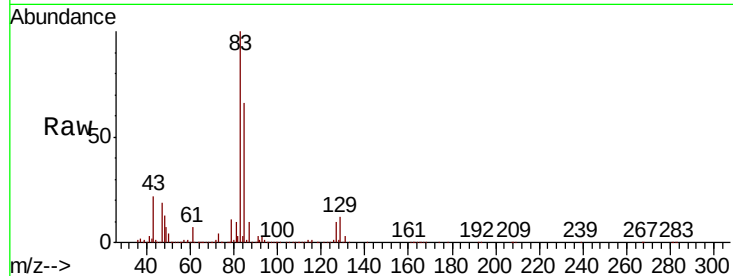




#47
 Bromodichloromethane
 Concen: 55.027 ug/l
 RT: 7.89 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

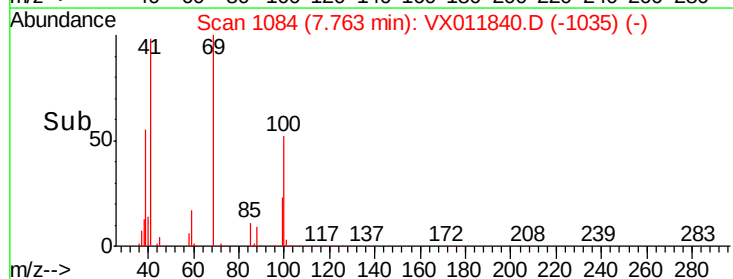
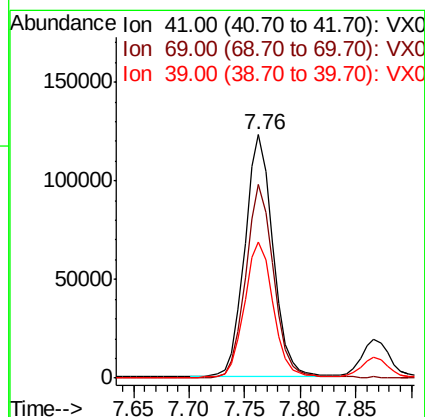
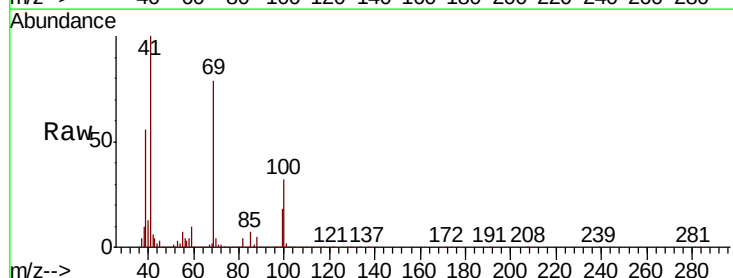
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

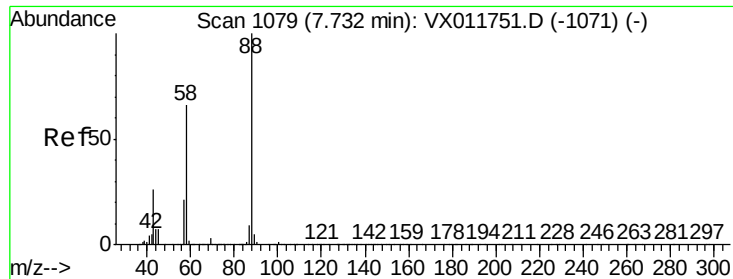
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.6	76.0
127	9.6	8.4	12.6



#48
 Methyl methacrylate
 Concen: 57.539 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.8	69.4	104.2
39	56.9	43.6	65.4

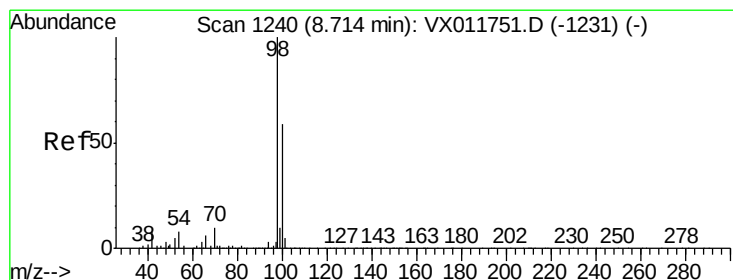
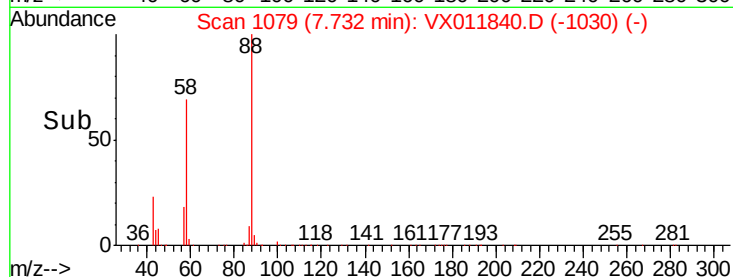
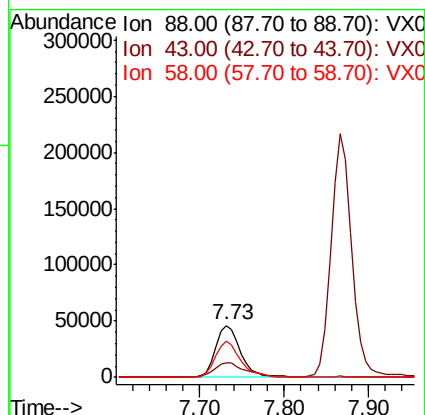
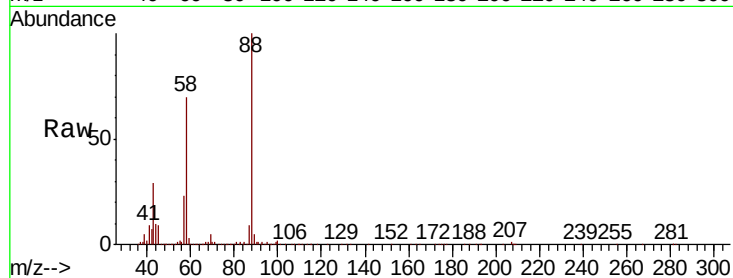




#49
1,4-Dioxane
Concen: 897.718 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

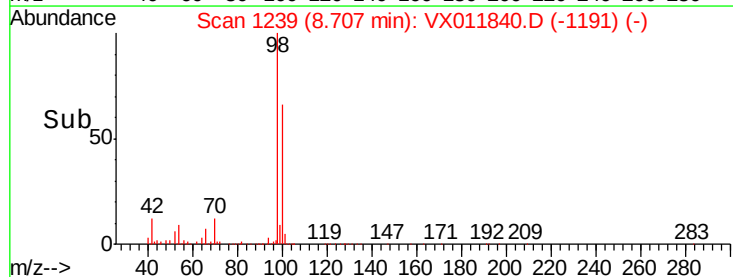
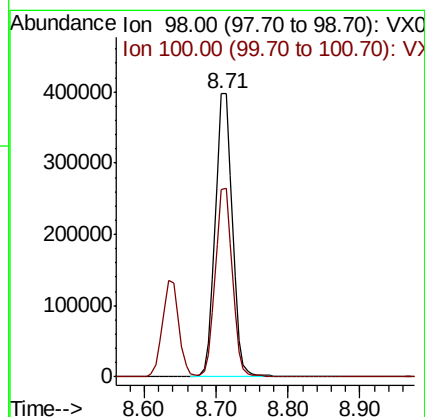
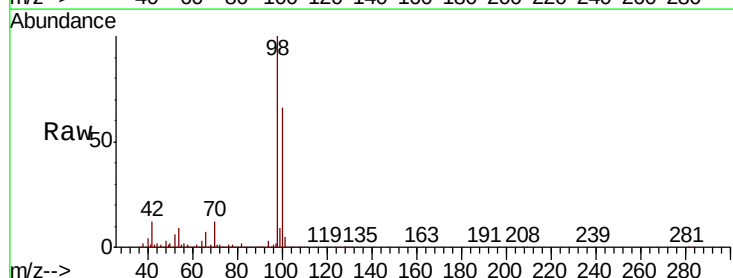
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

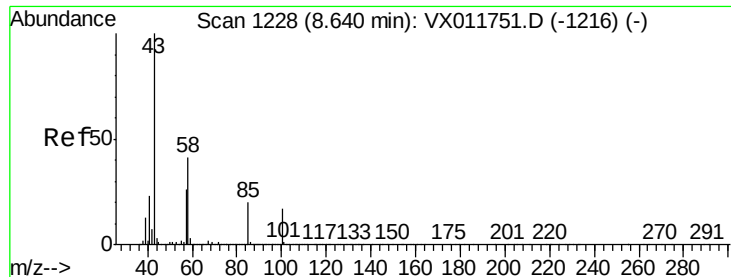
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.0	24.6	37.0
58	70.3	51.4	77.2



#50
Toluene-d8
Concen: 51.439 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.1	78.1

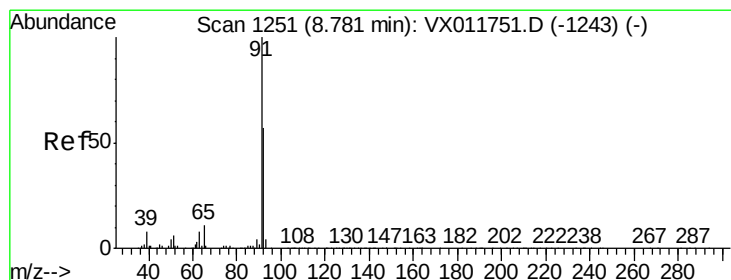
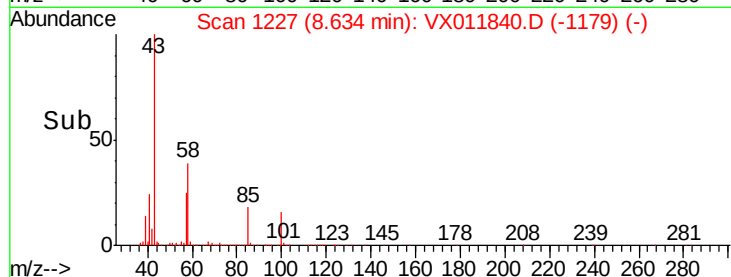
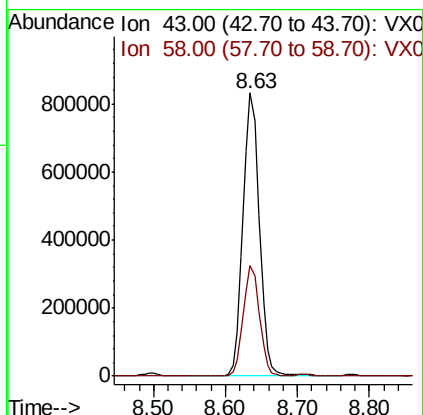
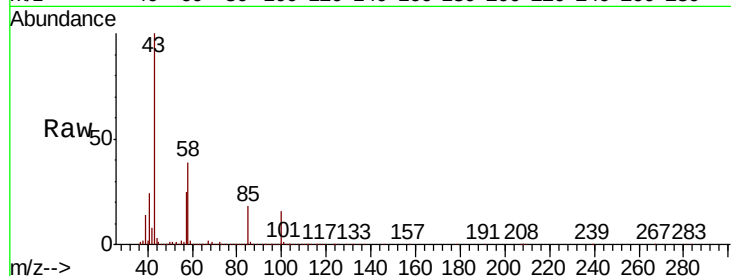




#51
 4-Methyl-2-Pentanone
 Concen: 263.845 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

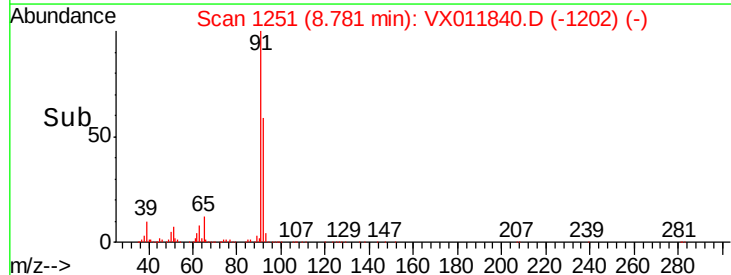
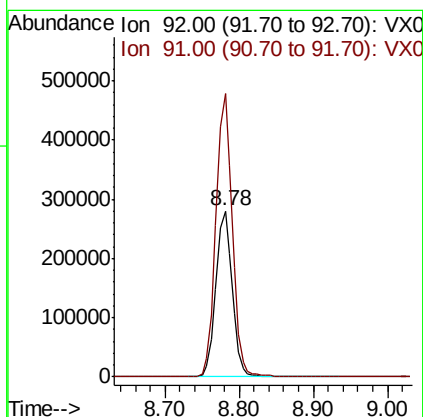
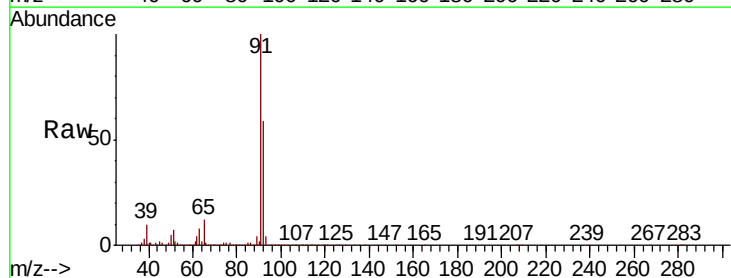
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

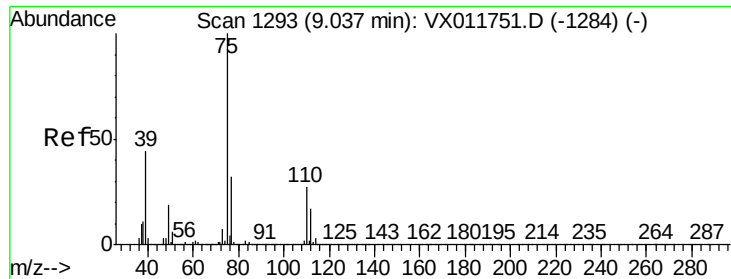
Tgt Ion: 43 Resp: 1317296
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.8 47.6



#52
 Toluene
 Concen: 47.768 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion: 92 Resp: 423020
 Ion Ratio Lower Upper
 92 100
 91 170.7 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 60.076 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

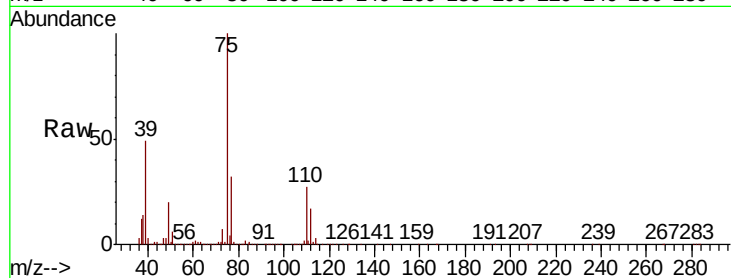
VSTDCCC050

Tgt Ion: 75 Resp: 287903

Ion Ratio Lower Upper

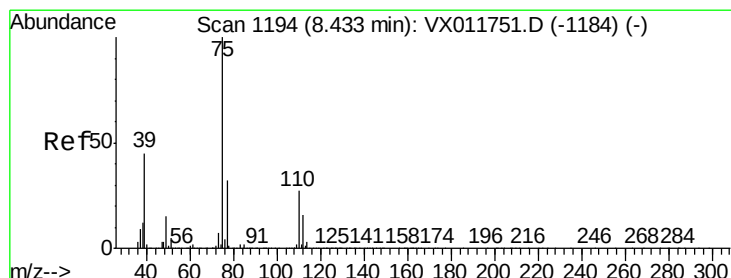
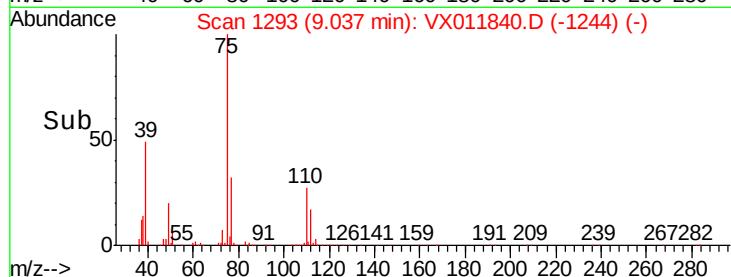
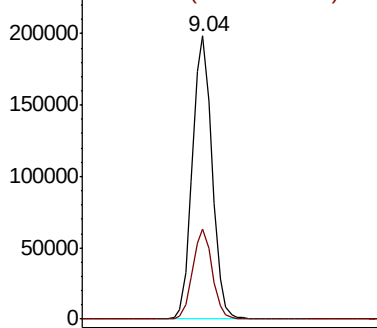
75 100

77 31.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 57.384 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

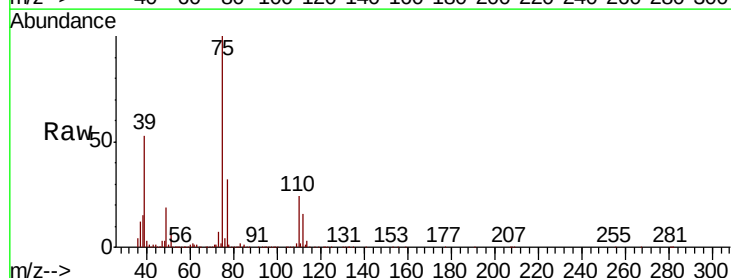
Tgt Ion: 75 Resp: 300006

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

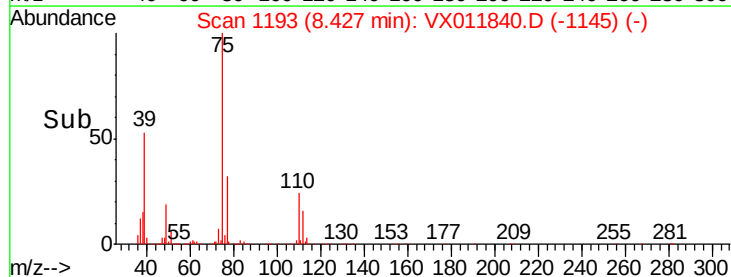
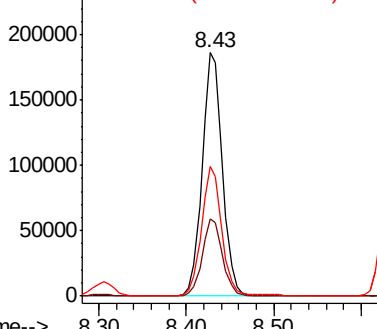
39 52.8 36.2 54.4

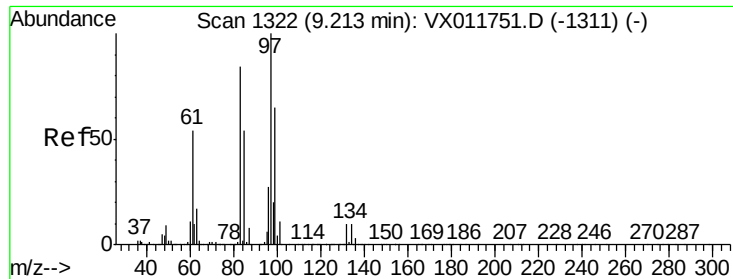


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

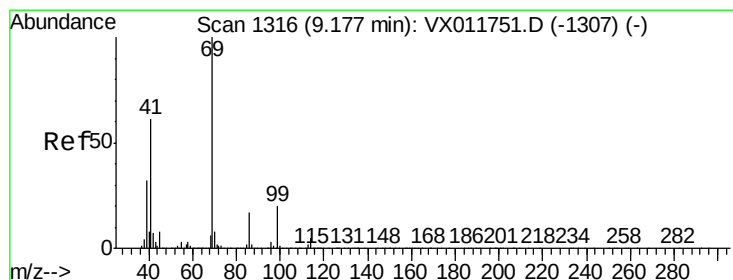
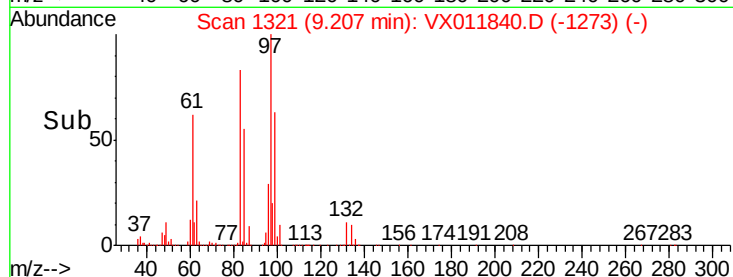
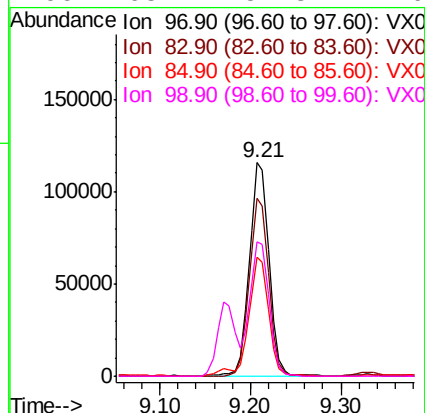
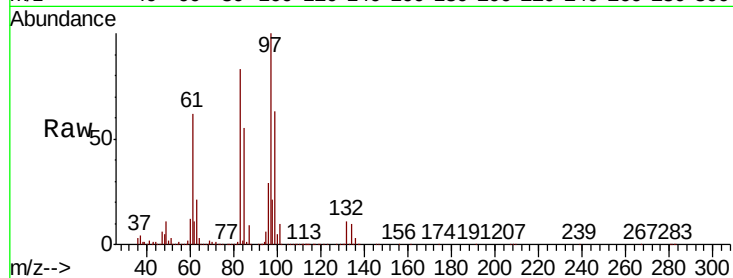




#55
 1,1,2-Trichloroethane
 Concen: 46.531 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

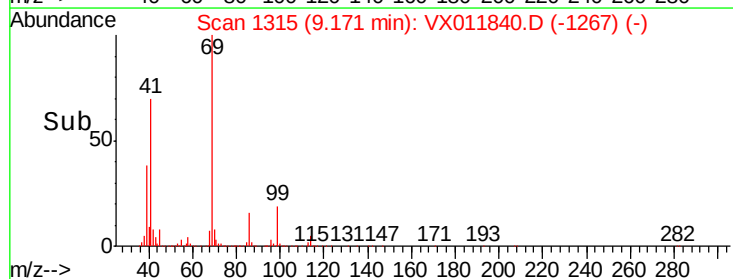
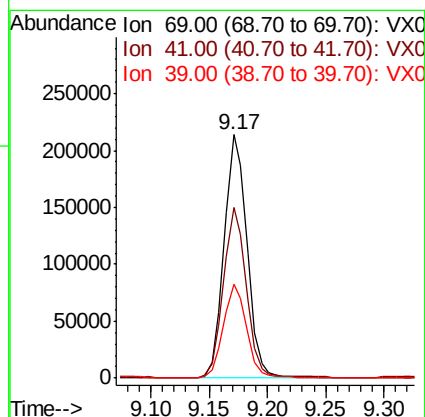
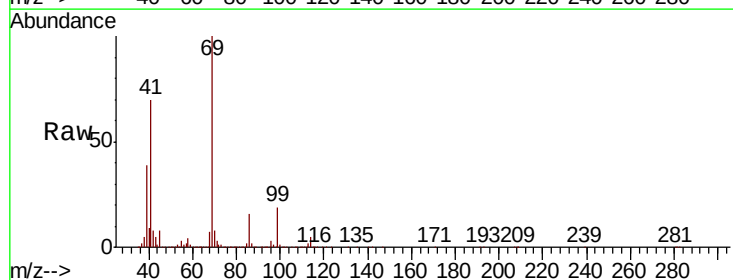
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

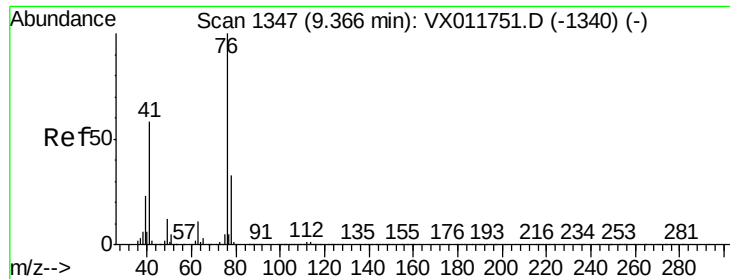
Tgt Ion:	97	Resp:	171677
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.3	100.9
85	55.4	43.4	65.2
99	63.1	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 55.440 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion:	69	Resp:	290900
Ion	Ratio	Lower	Upper
69	100		
41	69.6	50.7	76.1
39	38.2	26.4	39.6

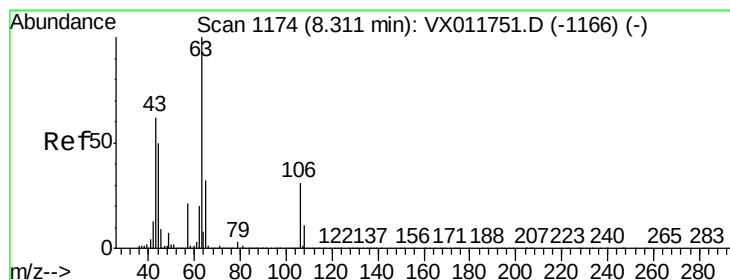
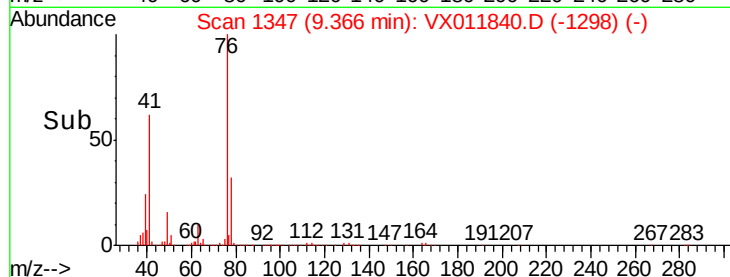
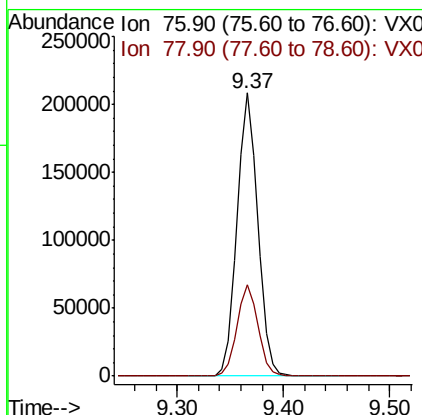
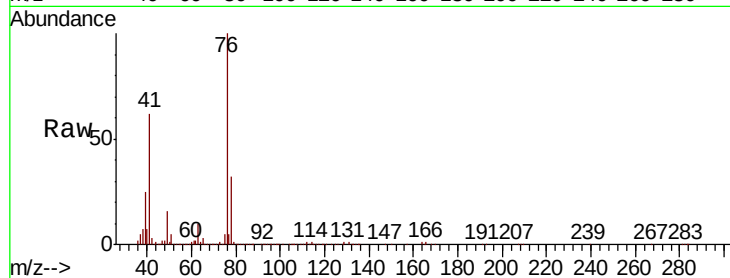




#57
 1,3-Dichloropropane
 Concen: 48.361 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

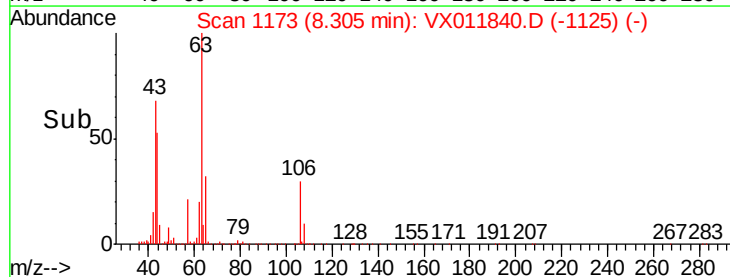
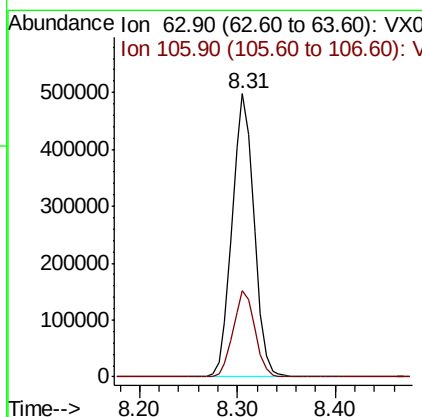
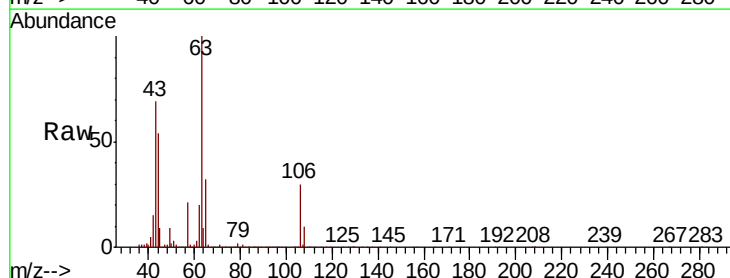
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

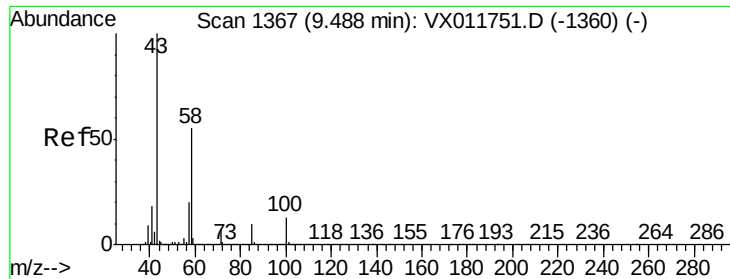
Tgt Ion: 76 Resp: 288107
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 39.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.304 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion: 63 Resp: 773683
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.9 37.3

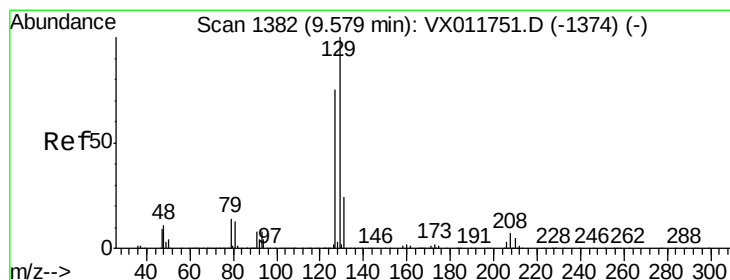
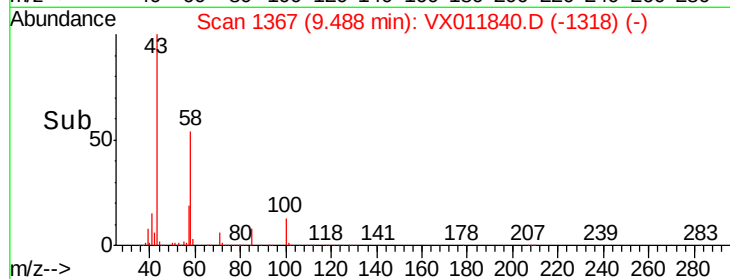
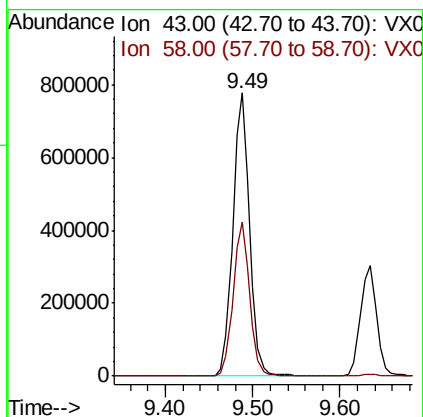
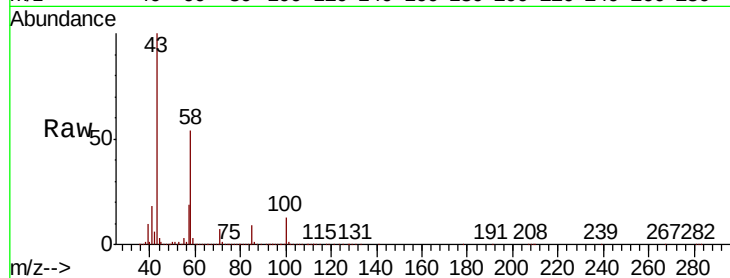




#59
2-Hexanone
Concen: 270.235 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

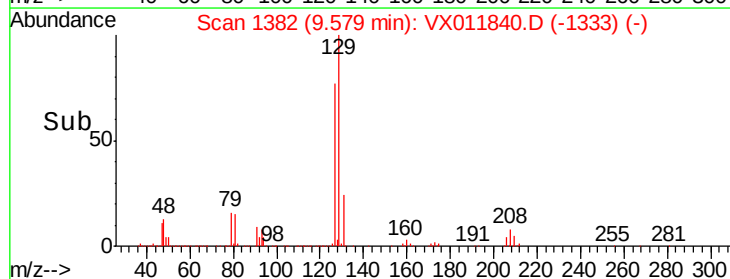
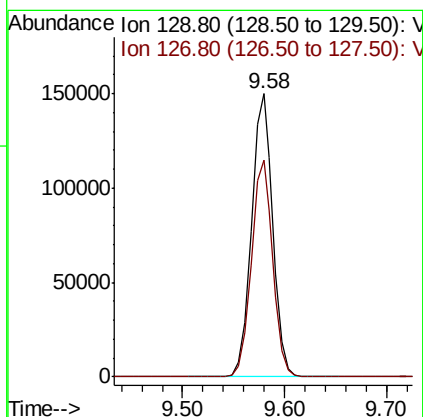
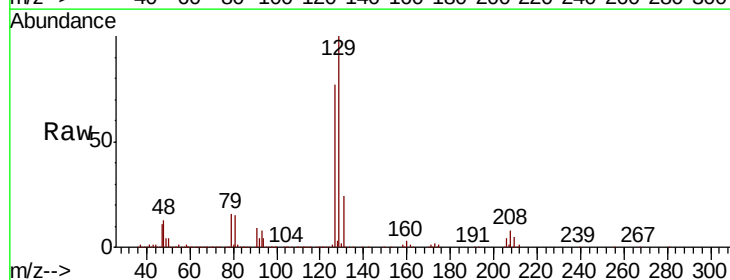
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

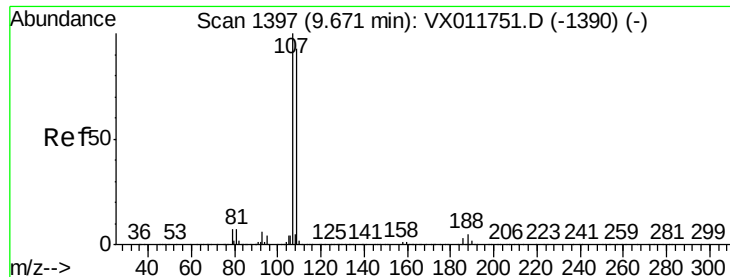
Tgt Ion: 43 Resp: 1035549
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.1



#60
Dibromochloromethane
Concen: 54.579 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 129 Resp: 217721
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8

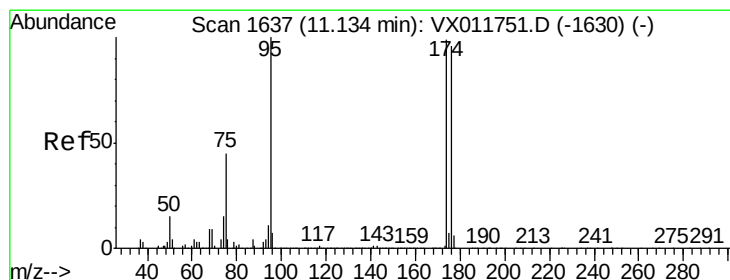
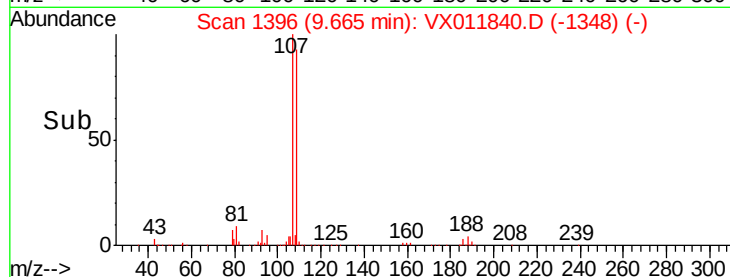
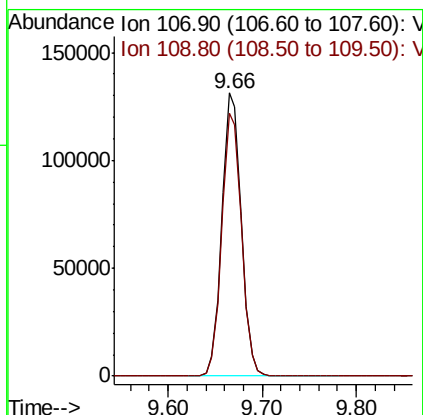
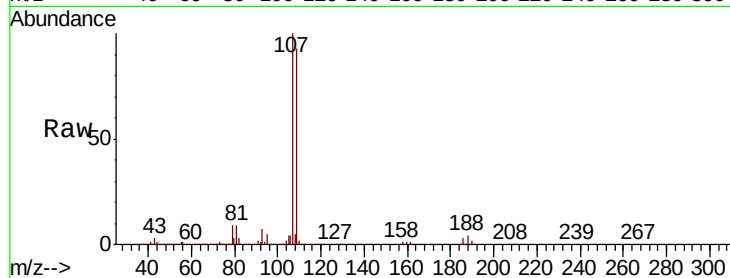




#61
 1,2-Dibromoethane
 Concen: 47.199 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

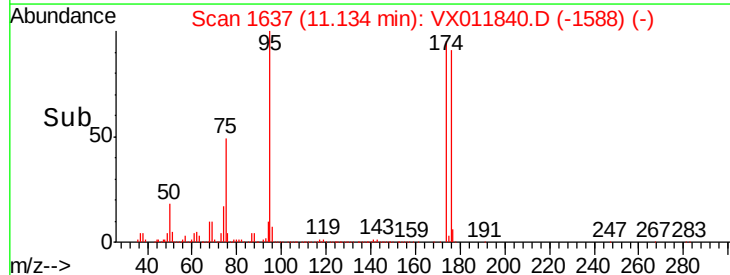
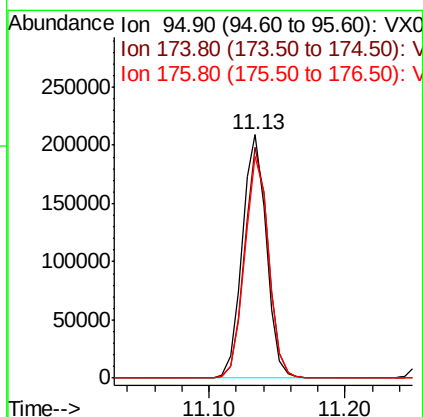
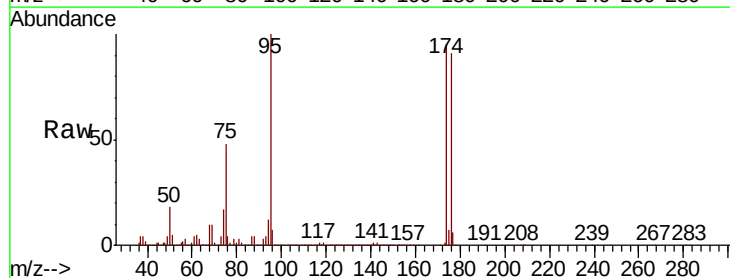
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

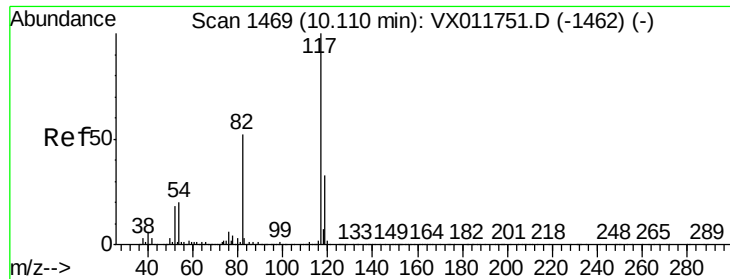
Tgt Ion: 107 Resp: 186850
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.311 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion: 95 Resp: 258054
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 197.4
 176 91.3 0.0 194.4

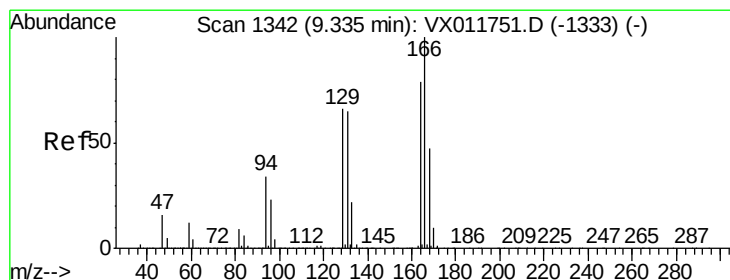
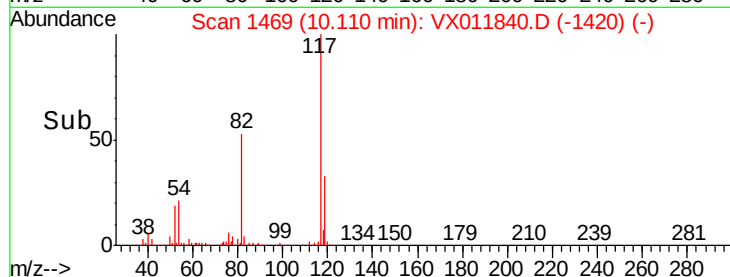
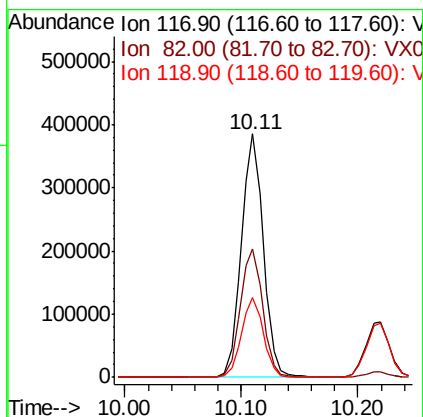
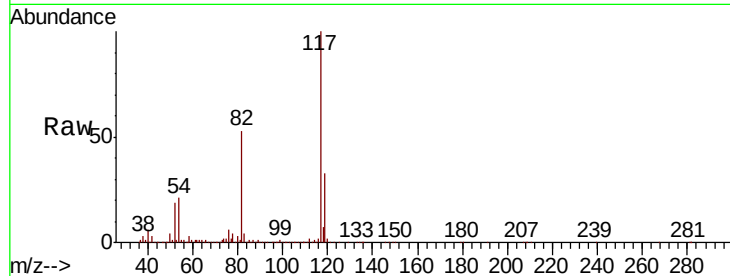




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

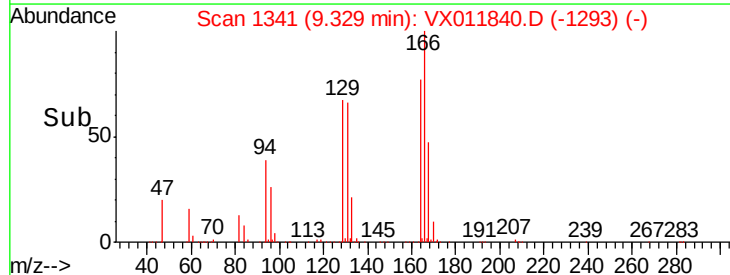
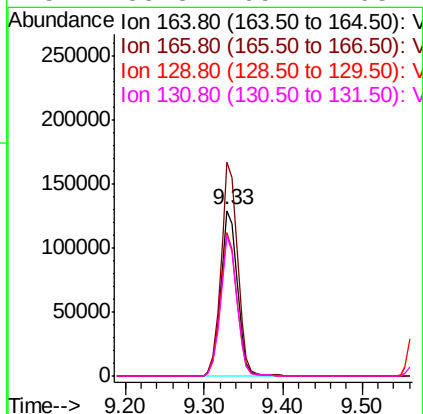
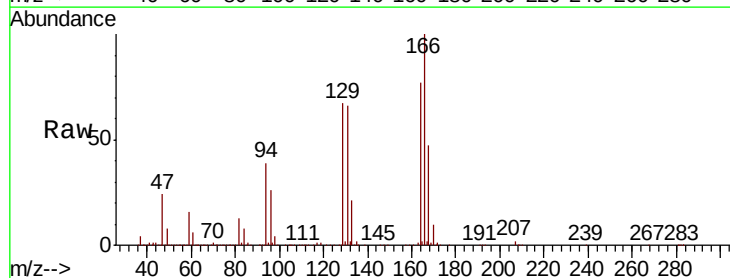
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

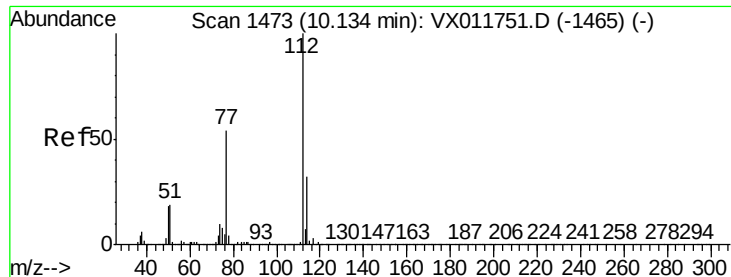
Tgt Ion:117 Resp: 508879
Ion Ratio Lower Upper
117 100
82 52.8 41.7 62.5
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 46.936 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion:164 Resp: 190546
Ion Ratio Lower Upper
164 100
166 129.2 100.7 151.1
129 87.0 66.8 100.2
131 85.3 65.4 98.2

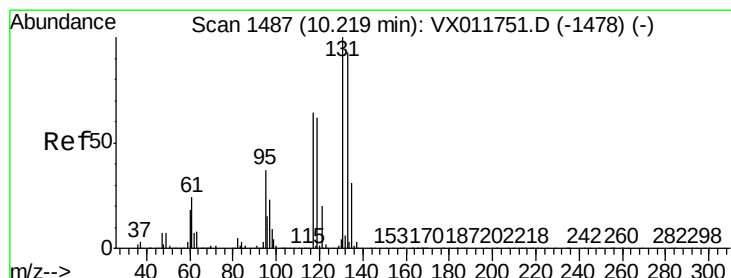
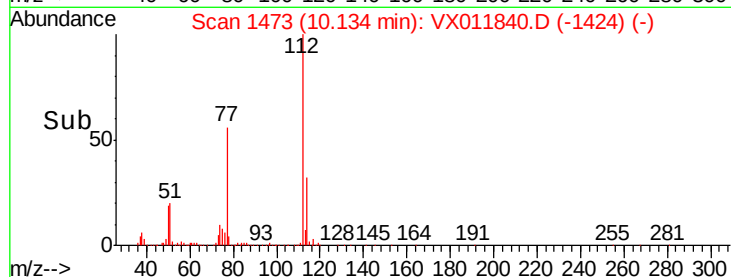
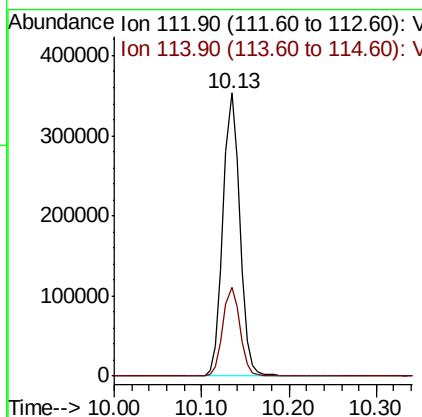
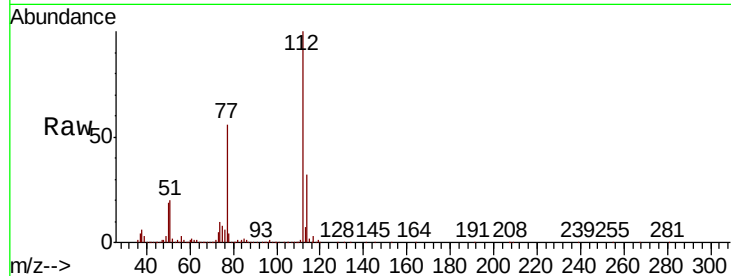




#65
Chlorobenzene
Concen: 47.312 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

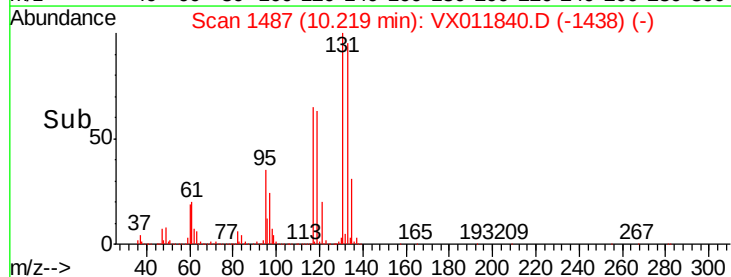
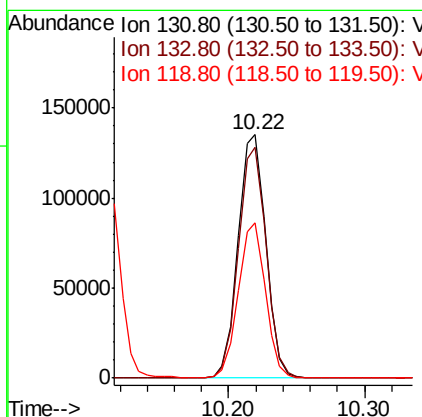
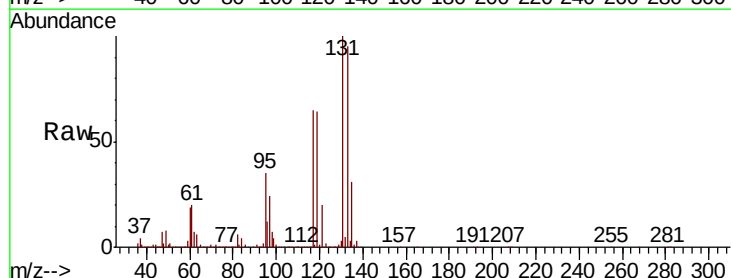
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

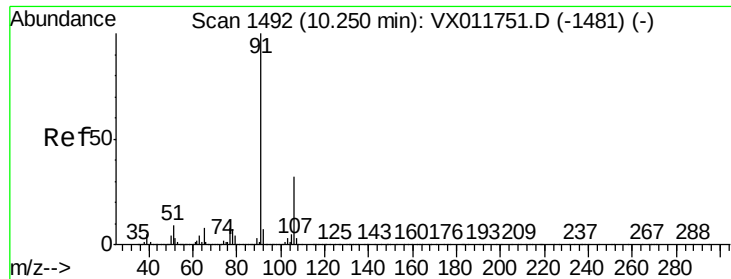
Tgt Ion:112 Resp: 470047
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.631 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion:131 Resp: 192189
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.4
119 62.3 31.3 93.8

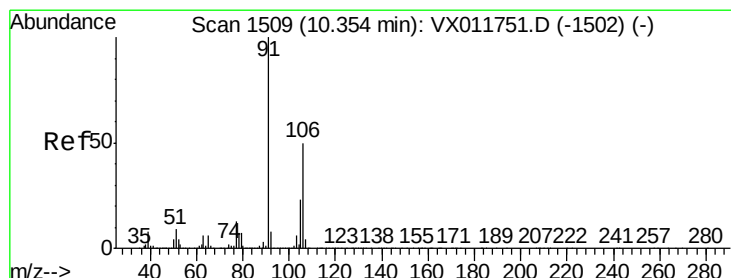
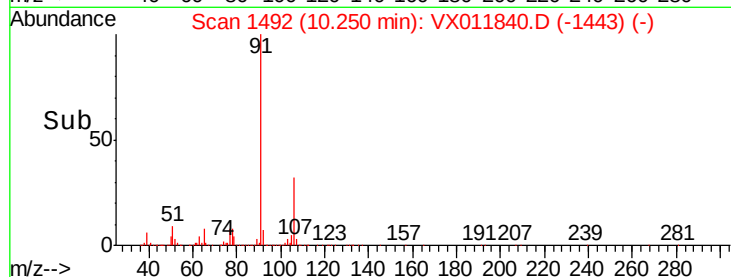
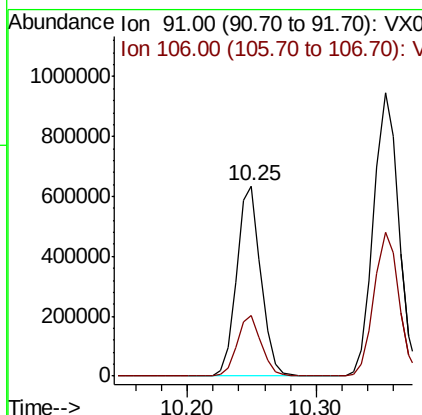
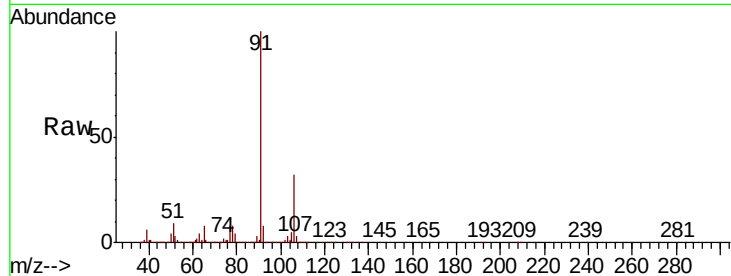




#67
Ethyl Benzene
Concen: 49.870 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

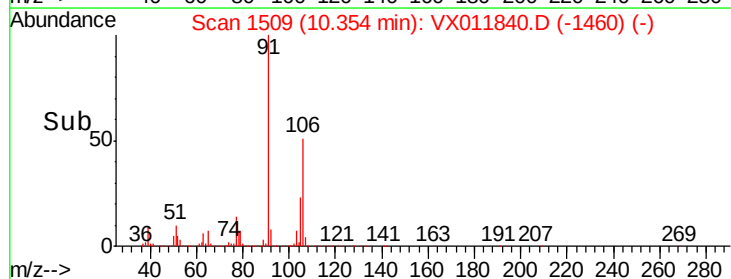
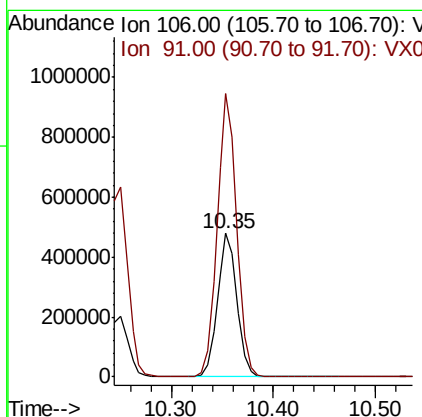
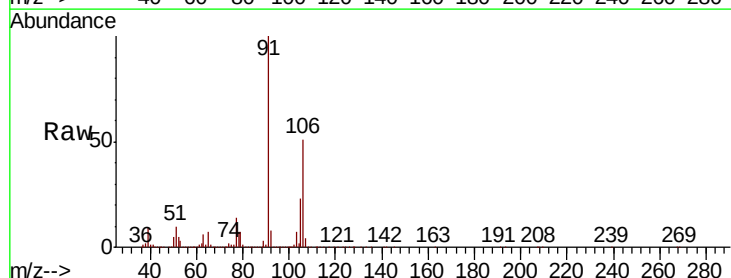
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

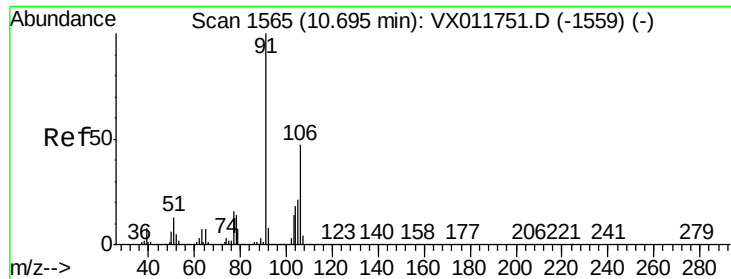
Tgt Ion: 91 Resp: 827971
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 99.471 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 106 Resp: 636784
Ion Ratio Lower Upper
106 100
91 198.7 158.3 237.5

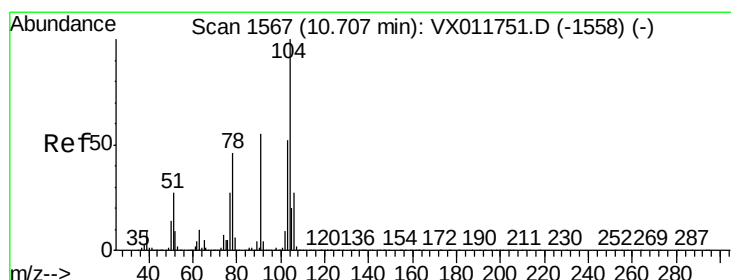
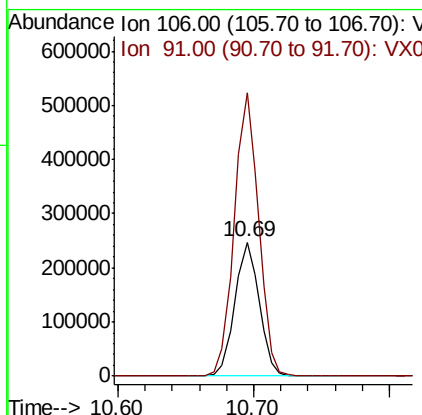
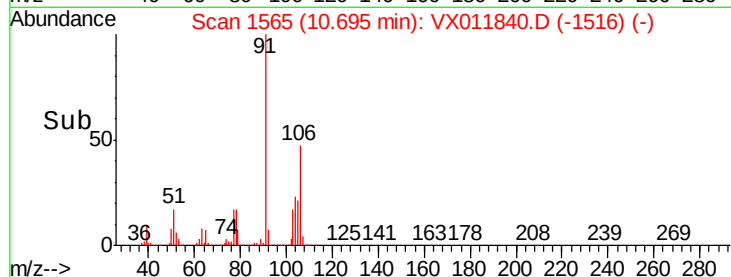
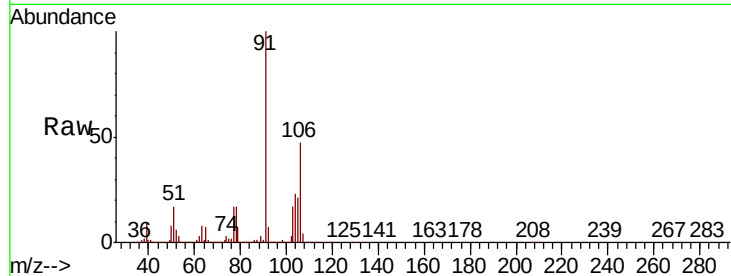




#69
o-Xylene
Concen: 49.119 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

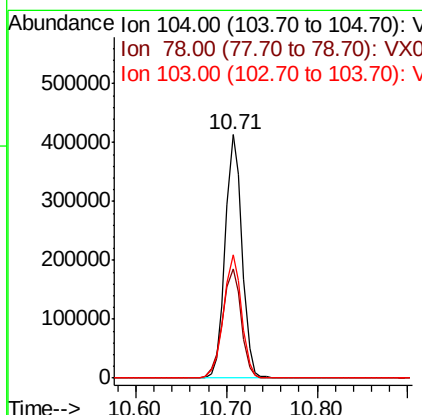
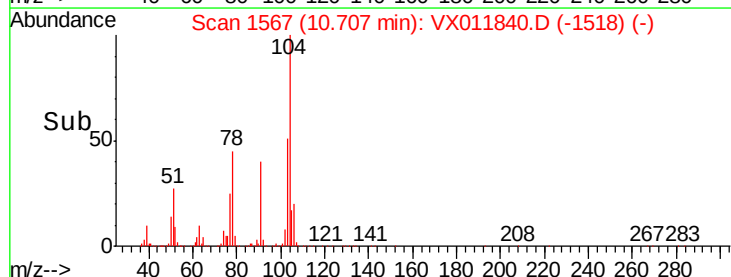
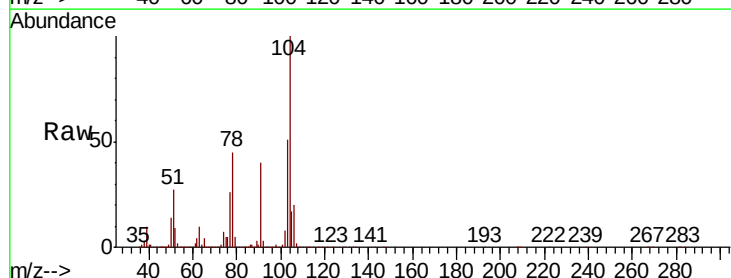
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

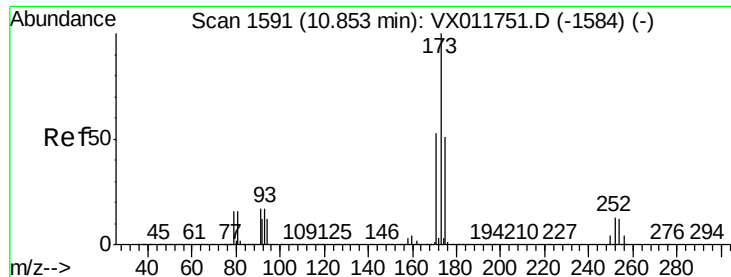
Tgt Ion:106 Resp: 308726
Ion Ratio Lower Upper
106 100
91 210.5 105.0 314.9



#70
Styrene
Concen: 50.725 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion:104 Resp: 533341
Ion Ratio Lower Upper
104 100
78 49.9 39.2 58.8
103 54.5 44.5 66.7





#71

Bromoform

Concen: 58.873 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

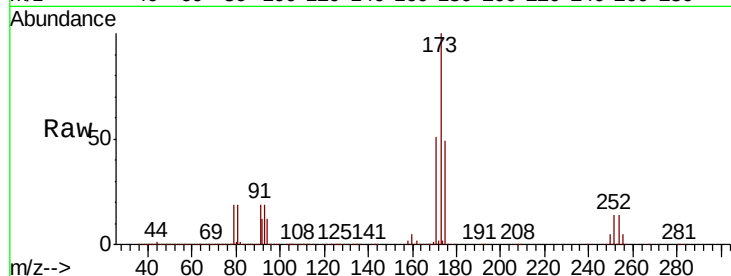
Tgt Ion:173 Resp: 189050

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

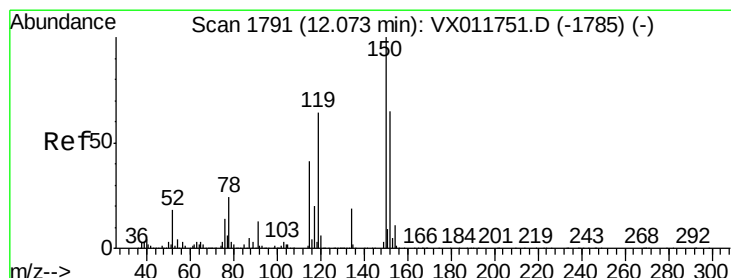
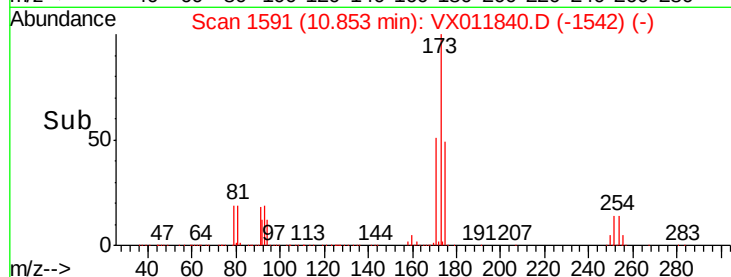
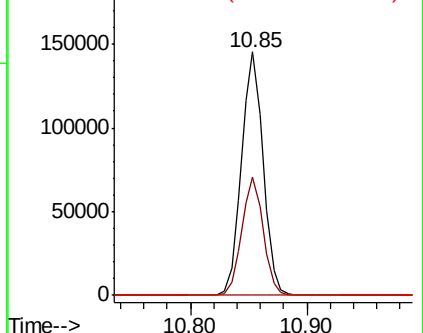
254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

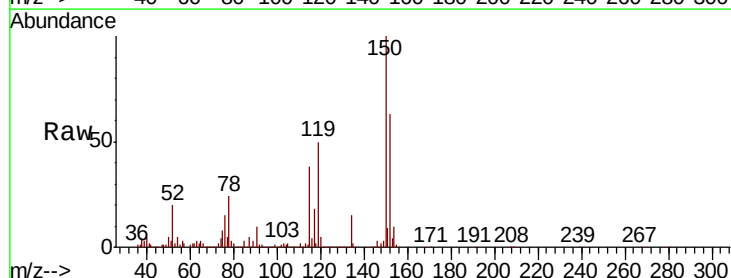
Tgt Ion:152 Resp: 280262

Ion Ratio Lower Upper

152 100

115 75.1 37.3 111.8

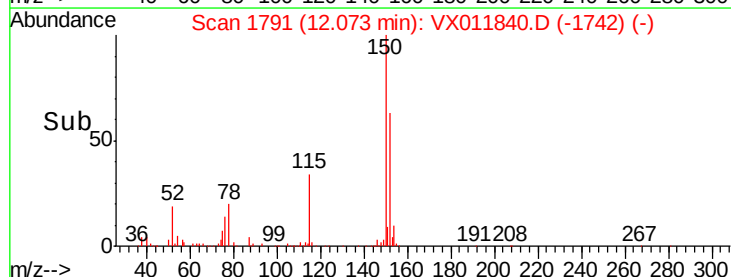
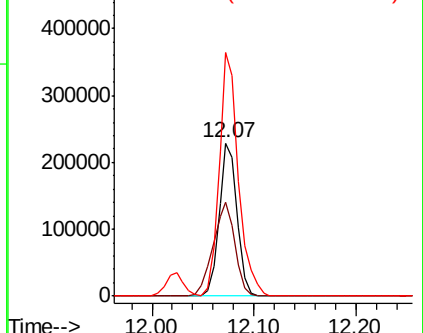
150 170.6 0.0 343.0

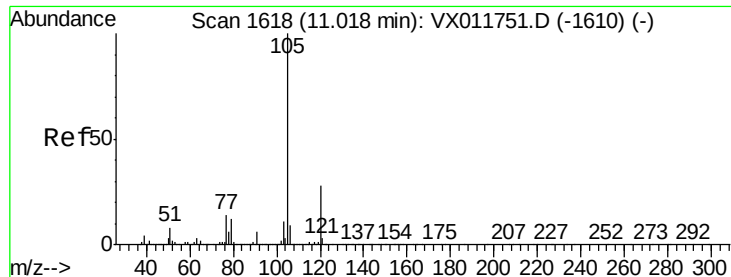


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.174 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

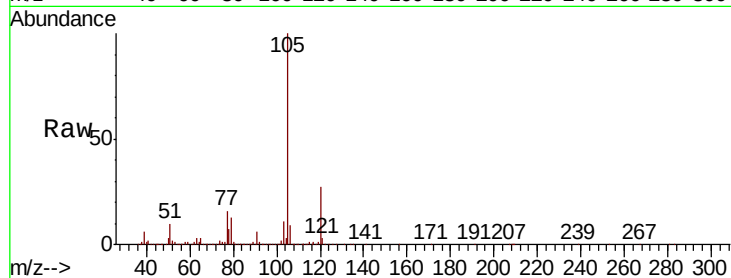
VSTDCCC050

Tgt Ion: 105 Resp: 830519

Ion Ratio Lower Upper

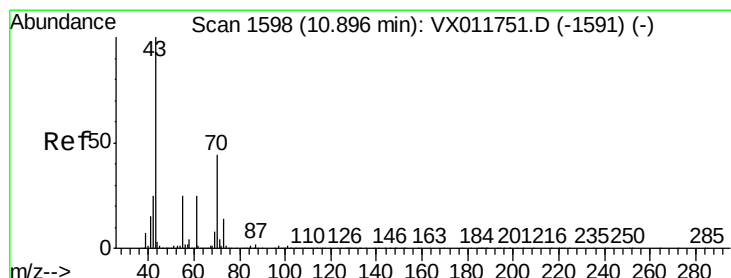
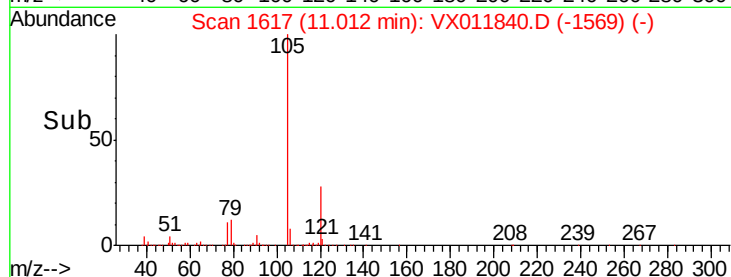
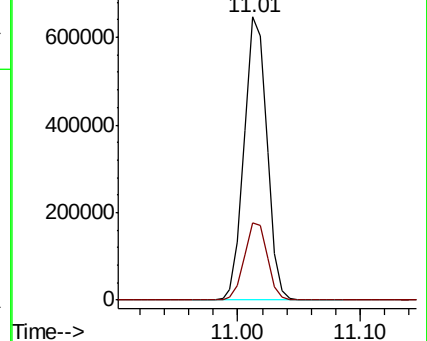
105 100

120 27.6 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.715 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion: 43 Resp: 397003

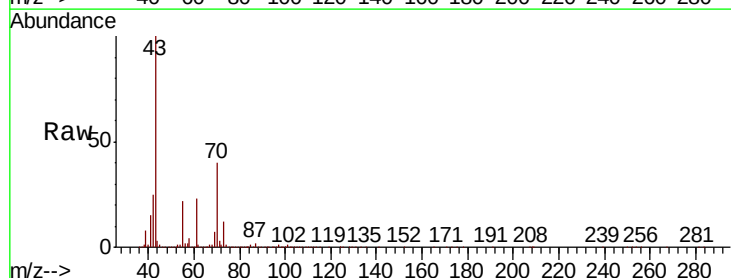
Ion Ratio Lower Upper

43 100

70 41.1 34.8 52.2

55 22.5 19.5 29.3

61 24.0 19.8 29.6

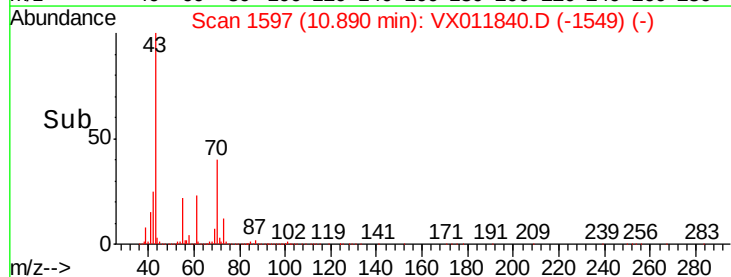
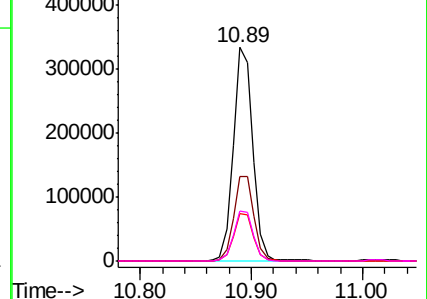


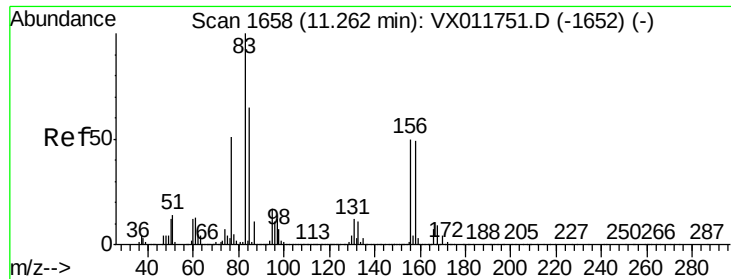
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.541 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

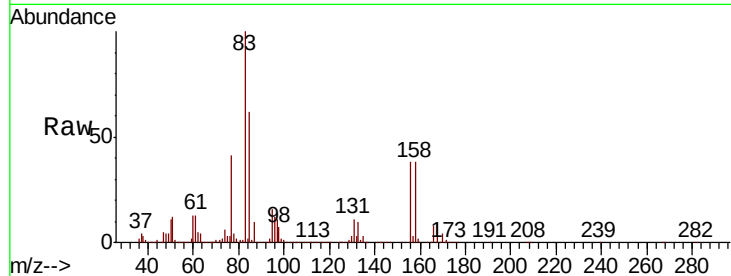
Tgt Ion: 83 Resp: 265771

Ion Ratio Lower Upper

83 100

131 11.4 6.1 18.3

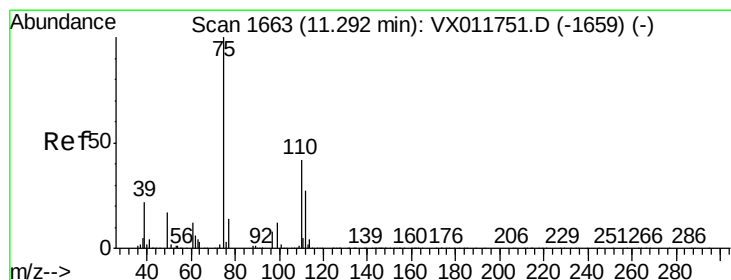
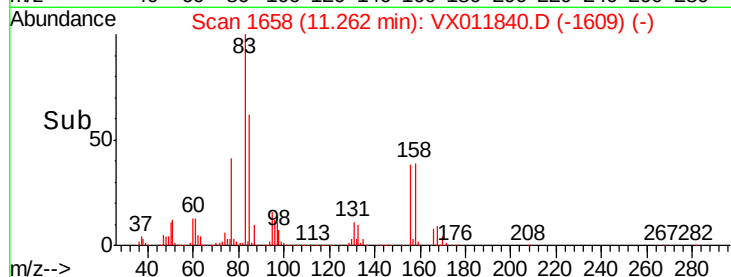
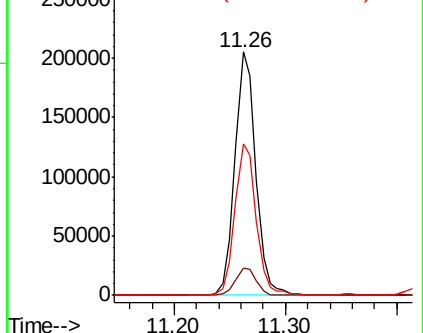
85 63.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.029 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011840.D

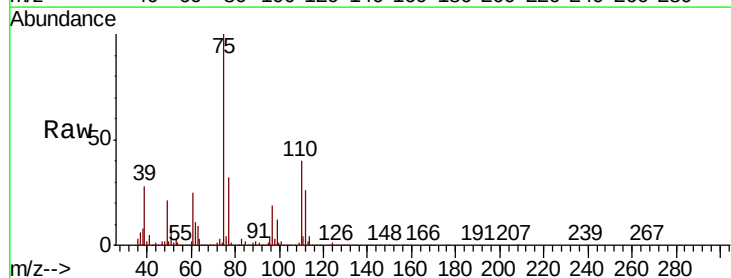
Acq: 27 Aug 2019 11:08

Tgt Ion: 75 Resp: 329631

Ion Ratio Lower Upper

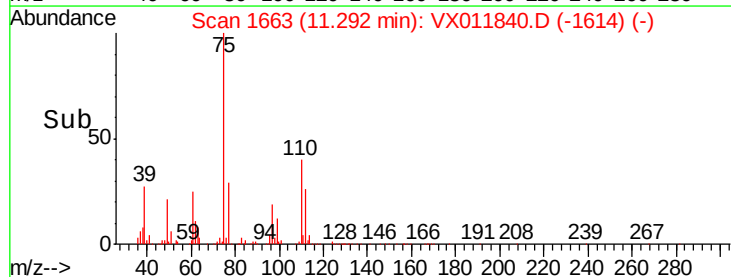
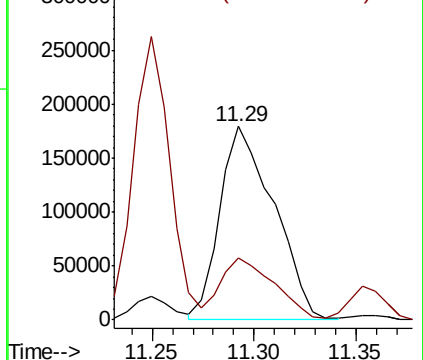
75 100

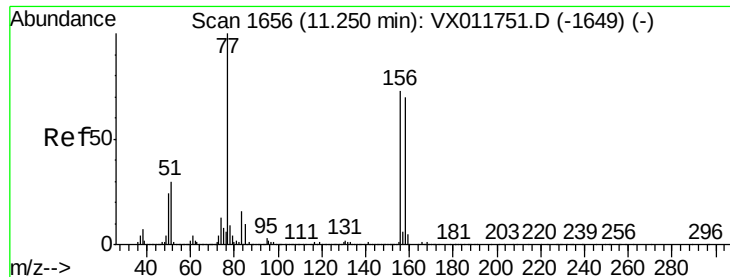
77 31.6 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.461 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

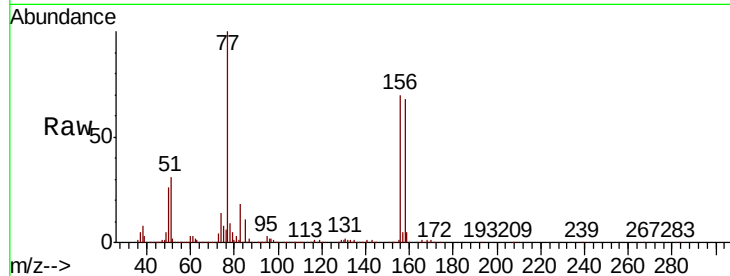
Tgt Ion:156 Resp: 231334

Ion Ratio Lower Upper

156 100

77 141.0 65.3 196.0

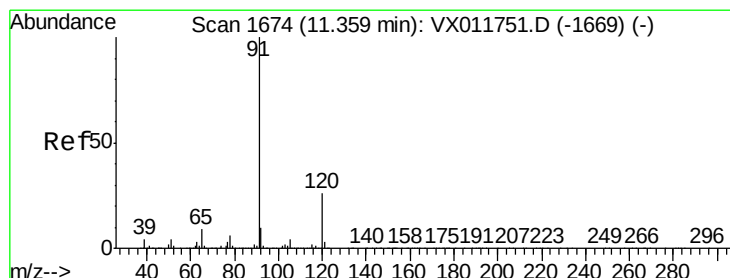
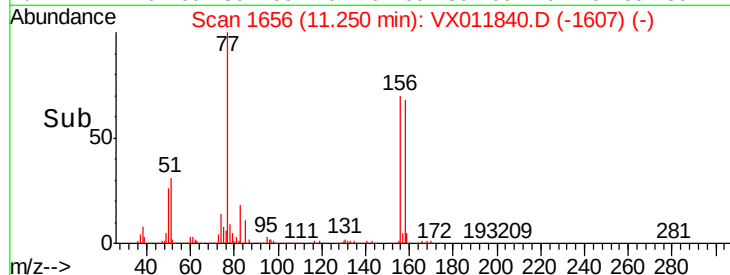
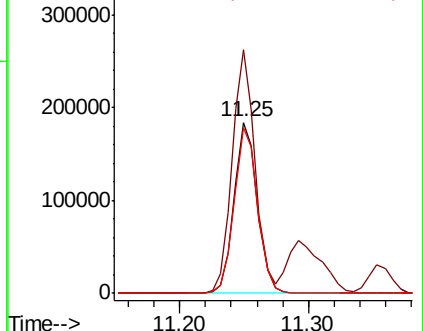
158 97.5 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.512 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011840.D

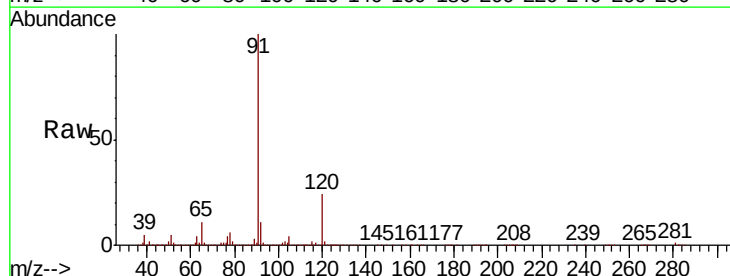
Acq: 27 Aug 2019 11:08

Tgt Ion: 91 Resp: 948356

Ion Ratio Lower Upper

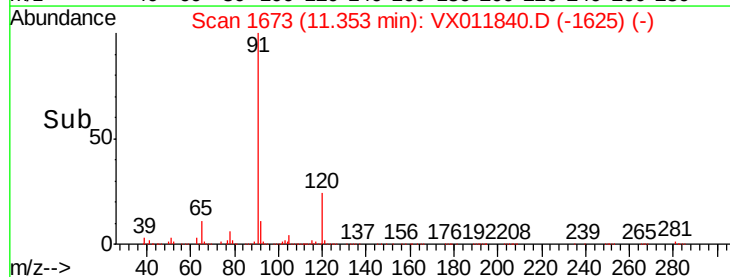
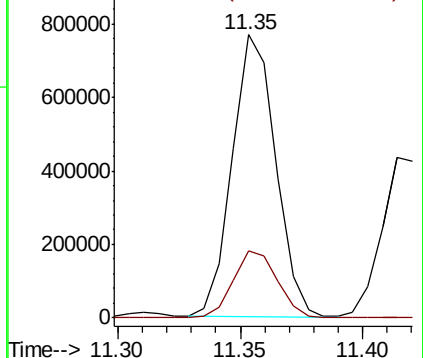
91 100

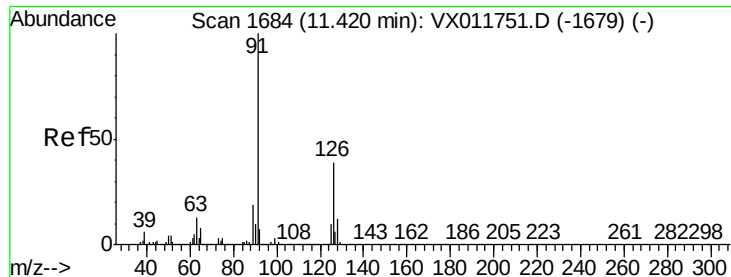
120 24.3 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.623 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

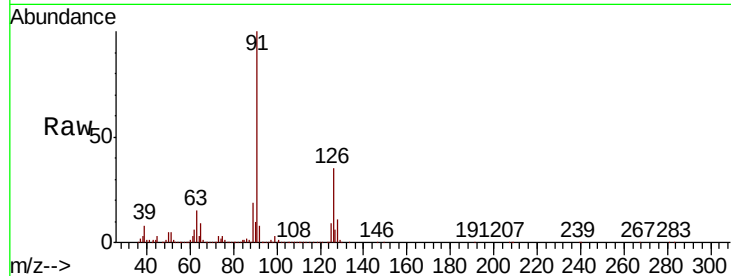
VSTDCCC050

Tgt Ion: 91 Resp: 557540

Ion Ratio Lower Upper

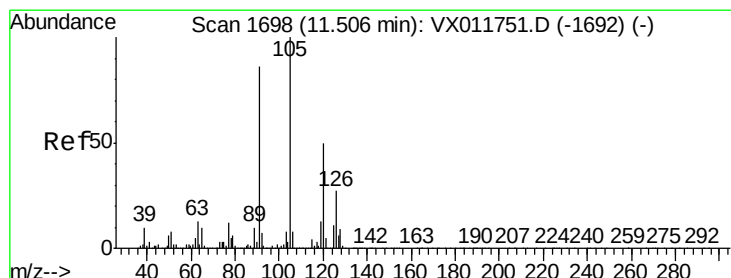
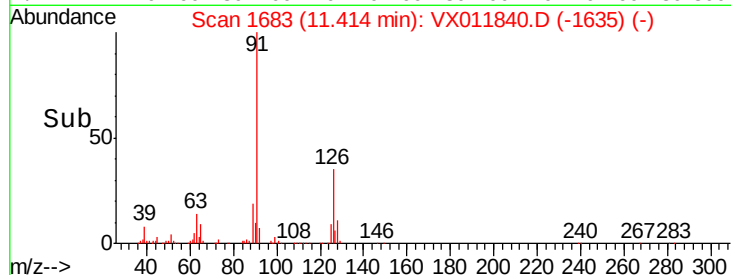
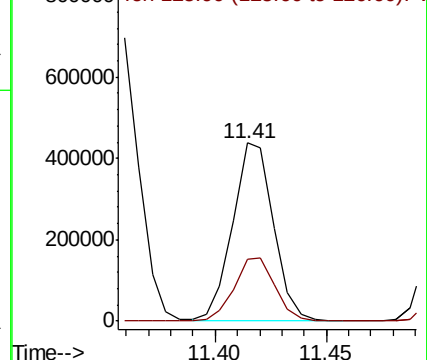
91 100

126 35.7 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.528 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011840.D

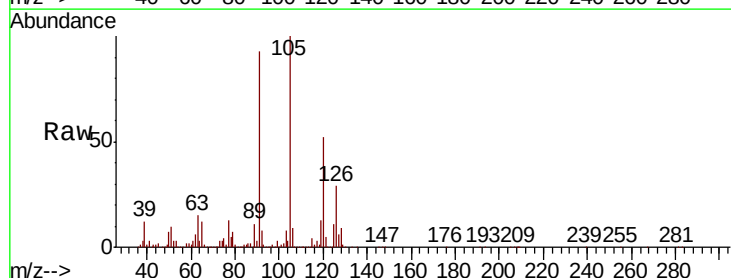
Acq: 27 Aug 2019 11:08

Tgt Ion: 105 Resp: 712040

Ion Ratio Lower Upper

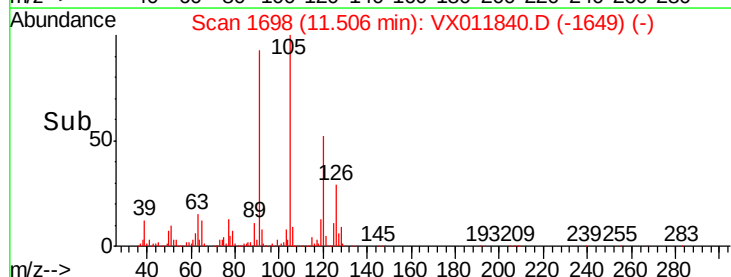
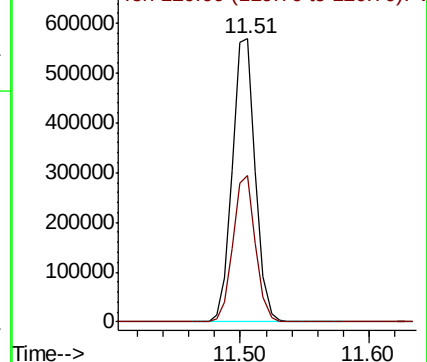
105 100

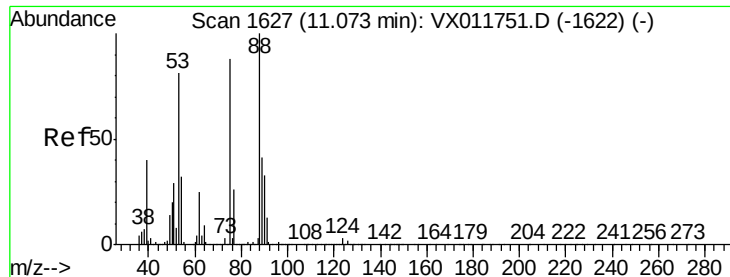
120 50.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.394 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

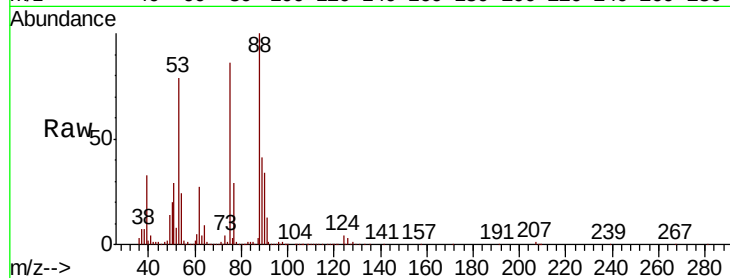
Tgt Ion: 75 Resp: 105005

Ion Ratio Lower Upper

75 100

53 92.6 77.1 115.7

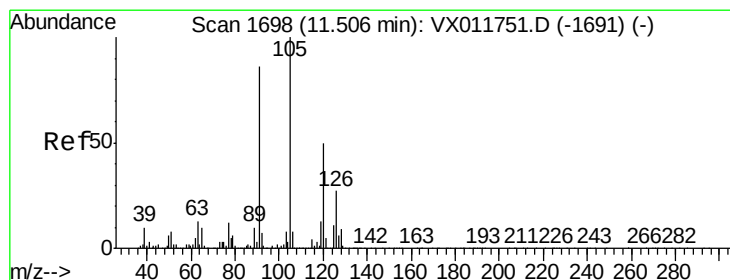
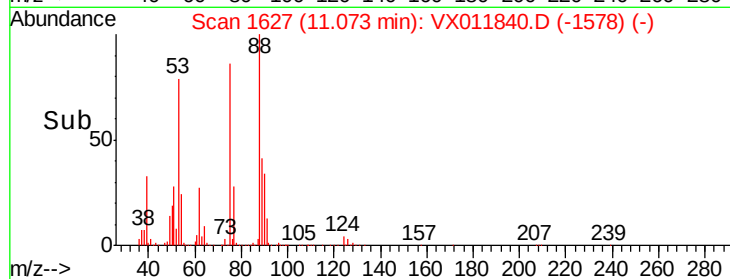
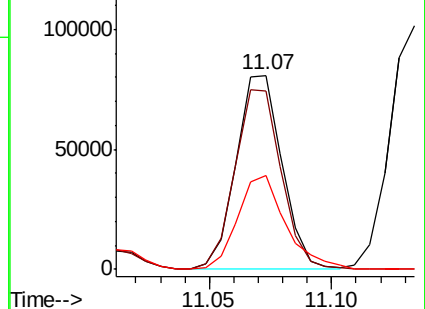
89 51.1 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.541 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011840.D

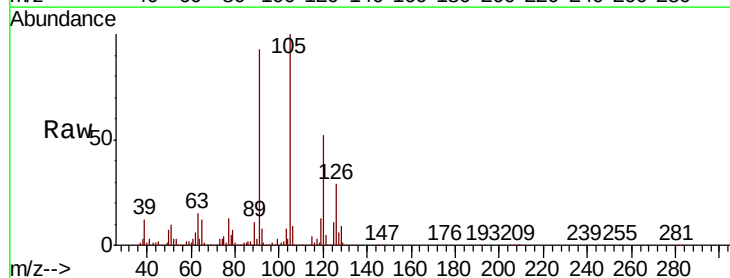
Acq: 27 Aug 2019 11:08

Tgt Ion: 91 Resp: 654553

Ion Ratio Lower Upper

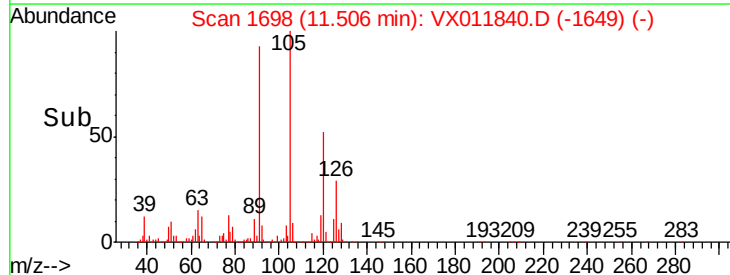
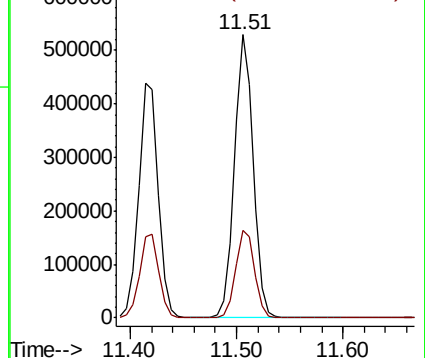
91 100

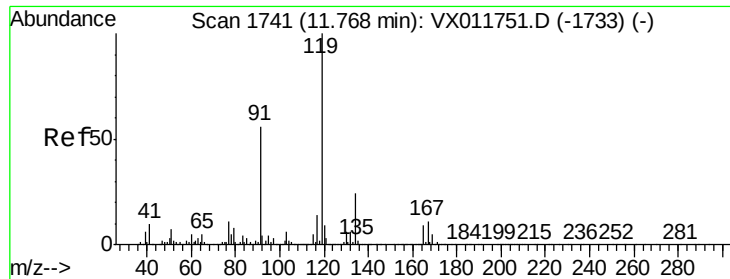
126 31.2 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

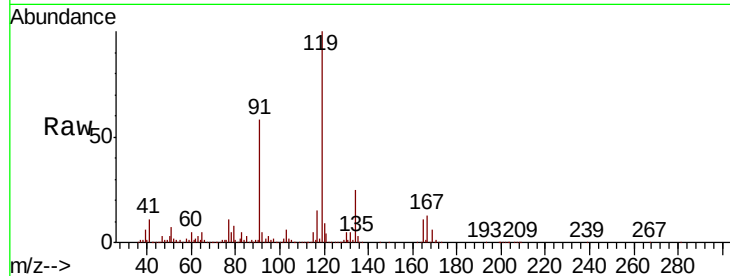




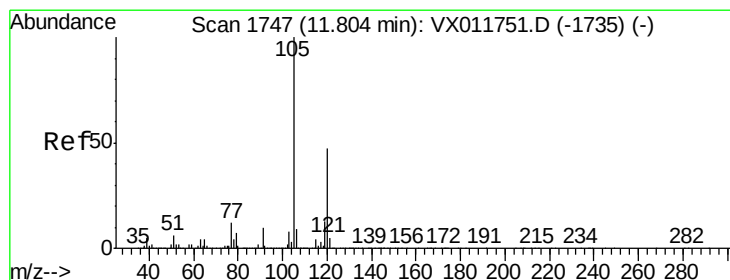
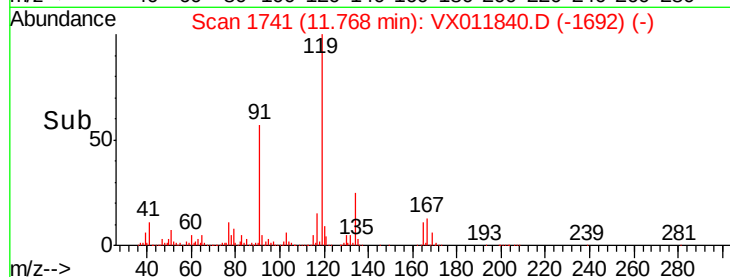
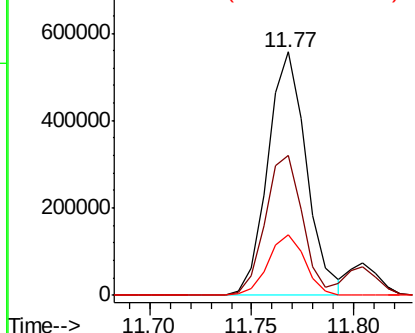
#83
 tert-Butylbenzene
 Concen: 52.839 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.7	83.1
134	23.8	11.8	35.3

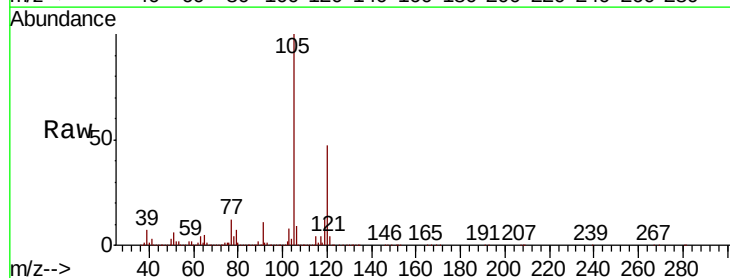


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

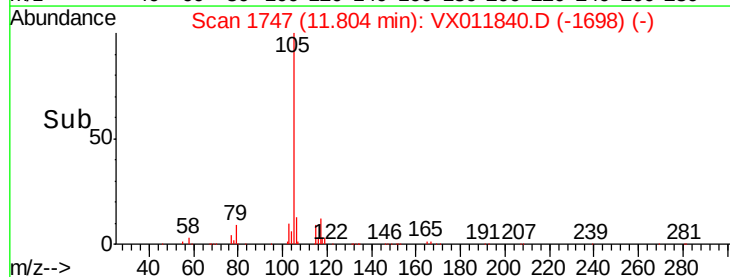
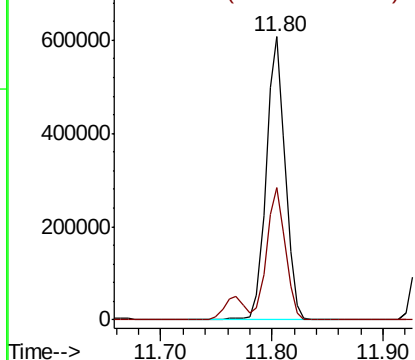


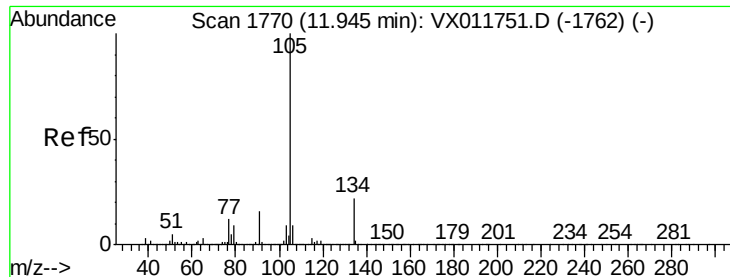
#84
 1,2,4-Trimethylbenzene
 Concen: 50.884 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.7	71.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.072 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

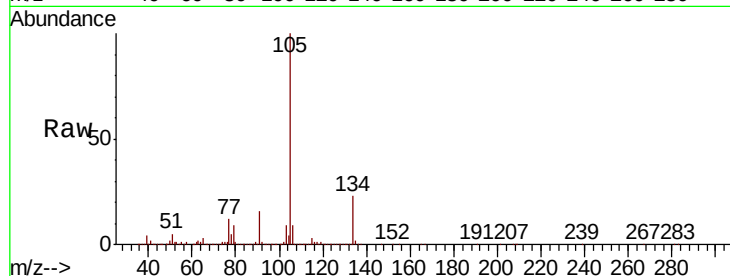
VSTDCCC050

Tgt Ion:105 Resp: 828157

Ion Ratio Lower Upper

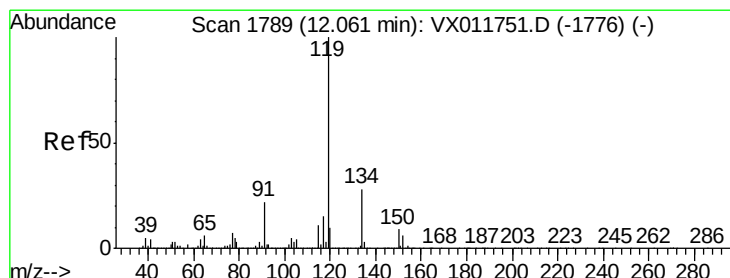
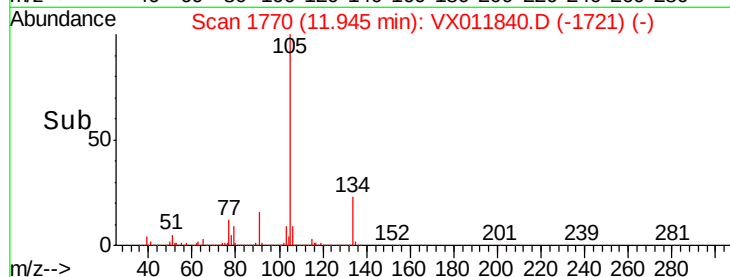
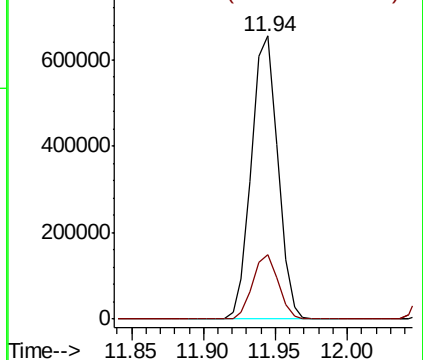
105 100

134 22.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.316 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

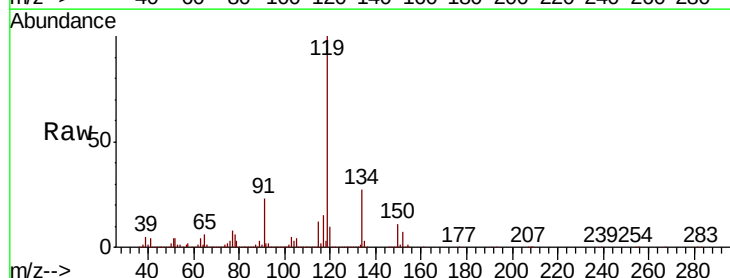
Tgt Ion:119 Resp: 800535

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

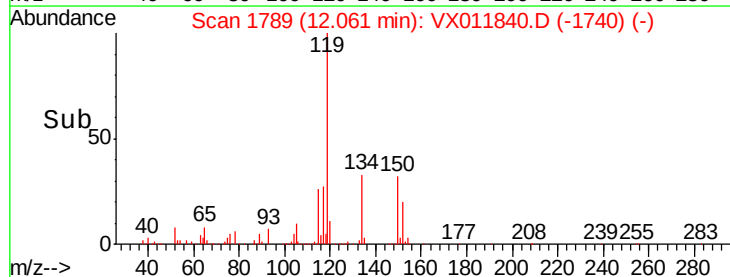
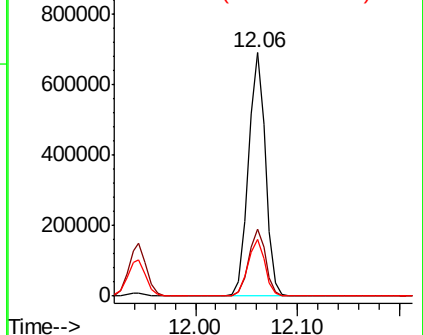
91 23.2 11.1 33.3

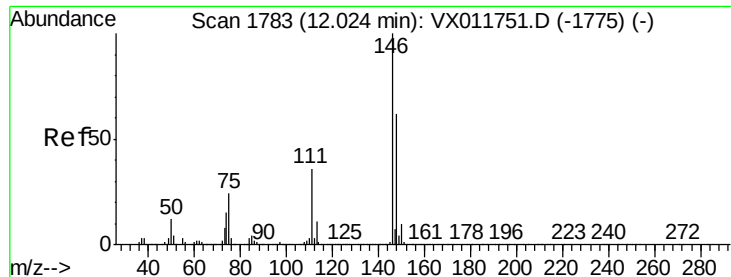


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

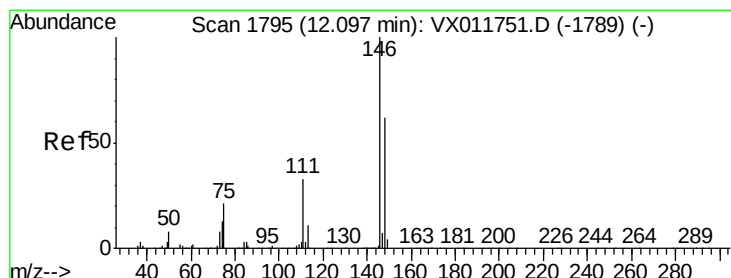
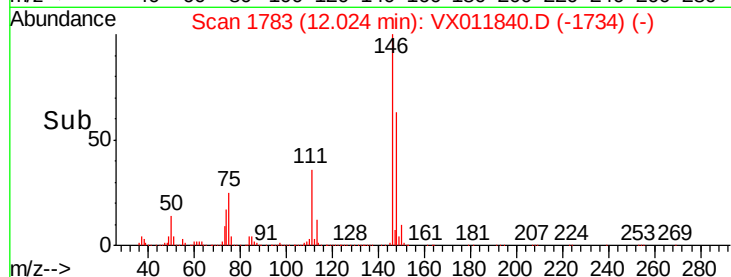
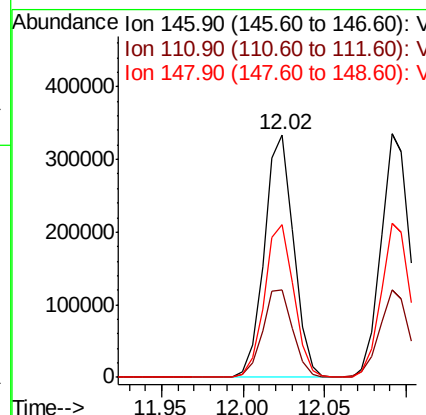
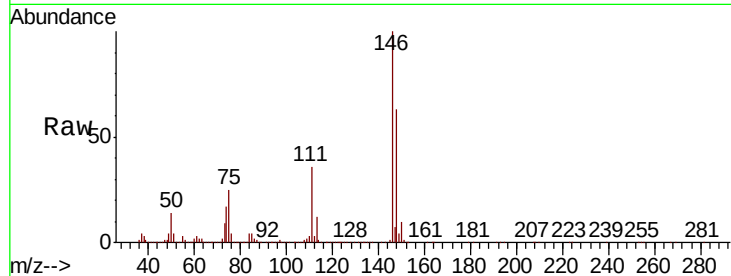




#87
 1,3-Dichlorobenzene
 Concen: 48.298 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

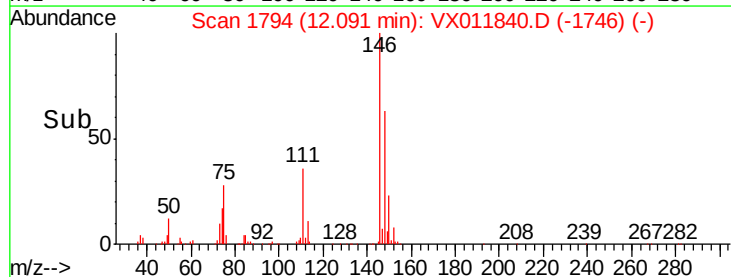
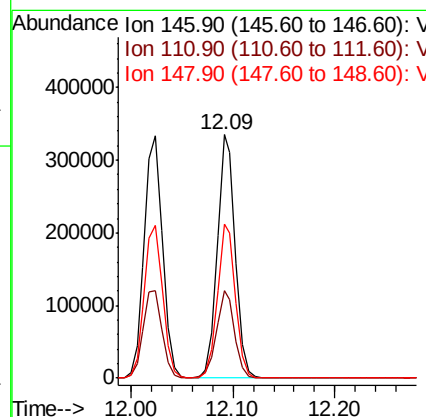
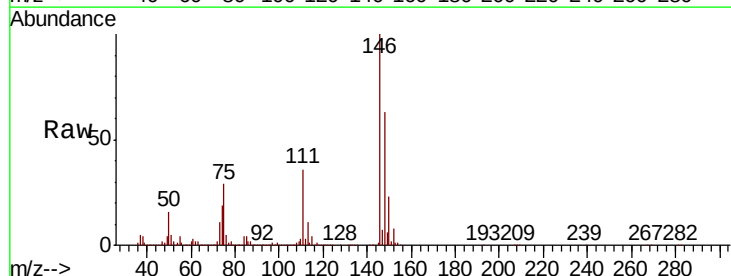
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

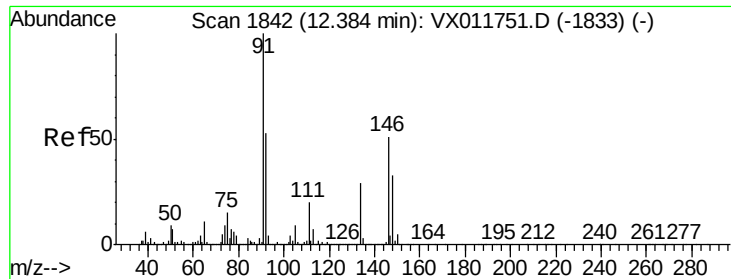
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.4
148	63.1	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 47.758 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.8	53.4
148	64.0	31.9	95.7





#89

n-Butylbenzene

Concen: 54.484 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

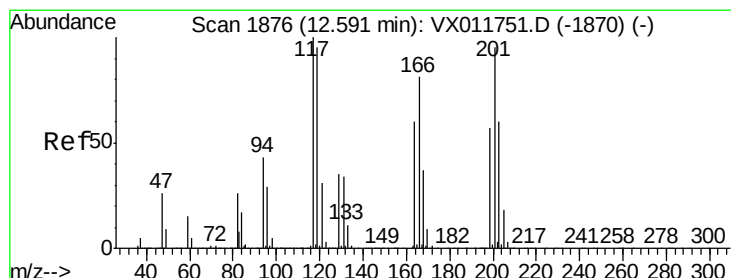
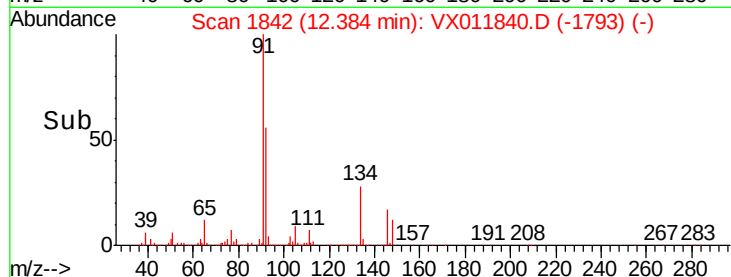
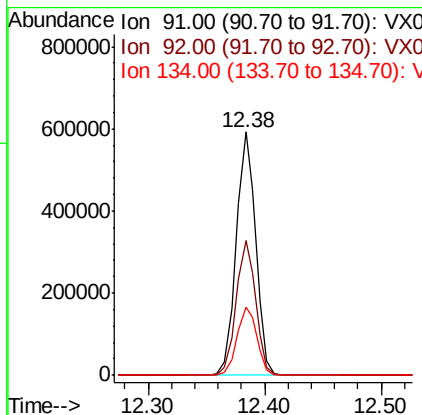
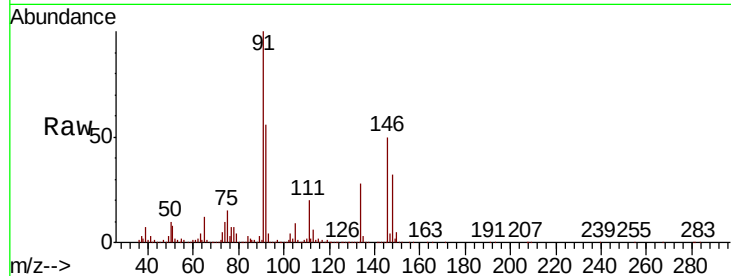
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	91	Resp:	690167
Ion	Ratio	Lower	Upper
91	100		
92	55.5	26.7	80.0
134	28.6	14.6	43.8



#90

Hexachloroethane

Concen: 66.429 ug/l

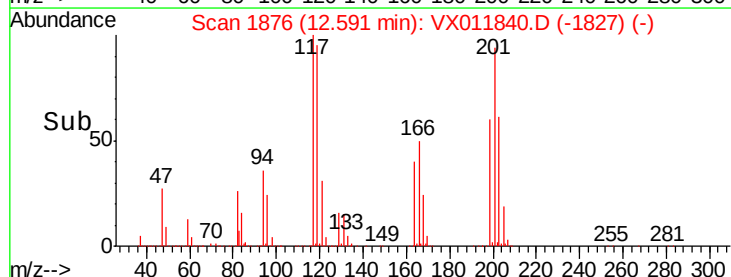
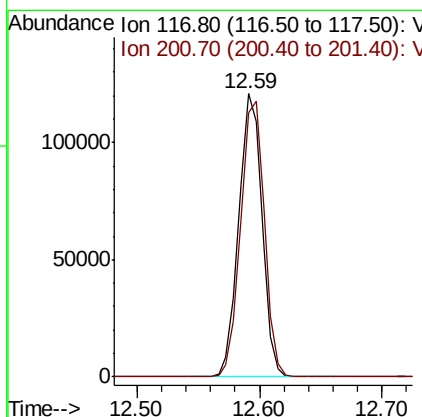
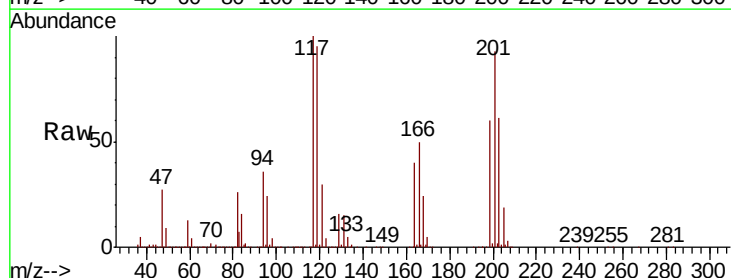
RT: 12.59 min Scan# 1876

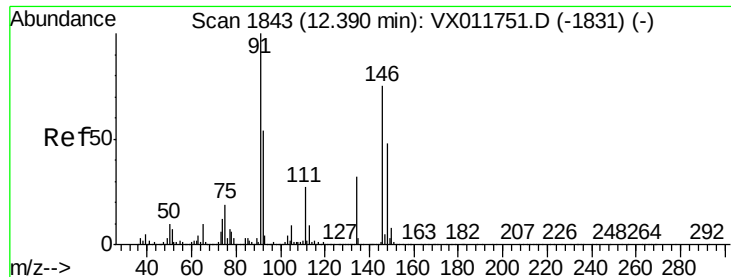
Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	117	Resp:	157920
Ion	Ratio	Lower	Upper
117	100		
201	99.8	49.6	149.0

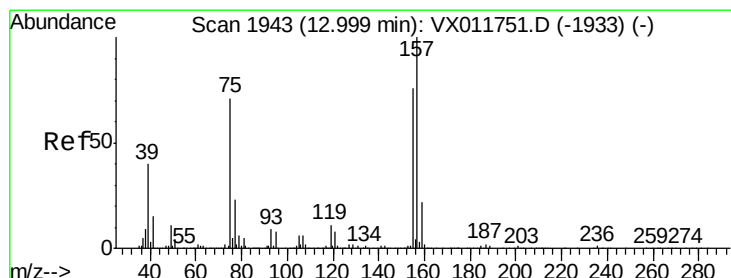
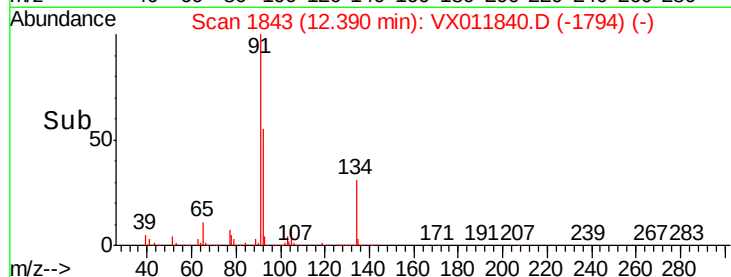
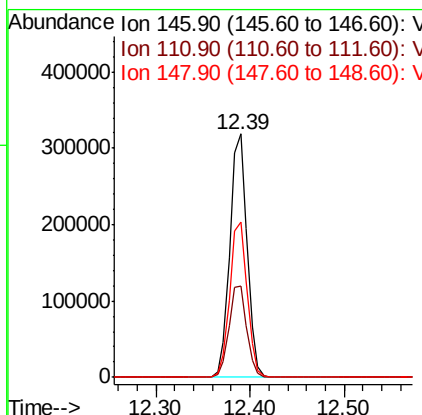
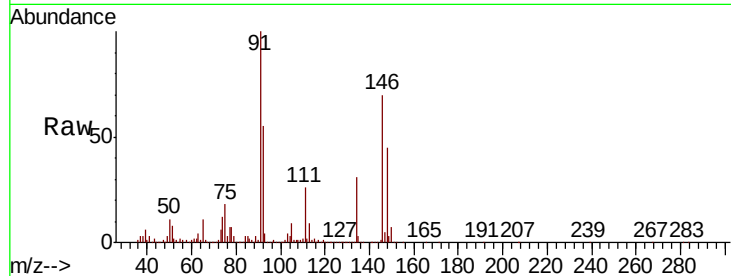




#91
 1,2-Dichlorobenzene
 Concen: 46.682 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

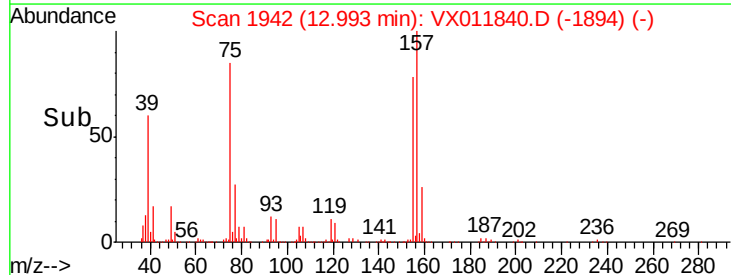
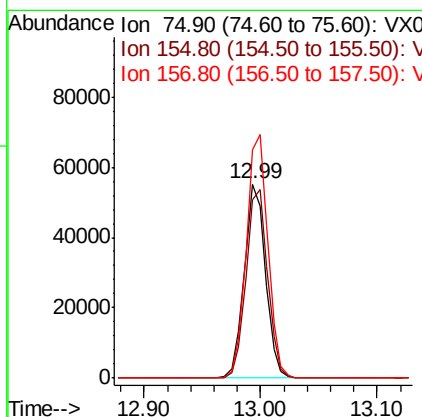
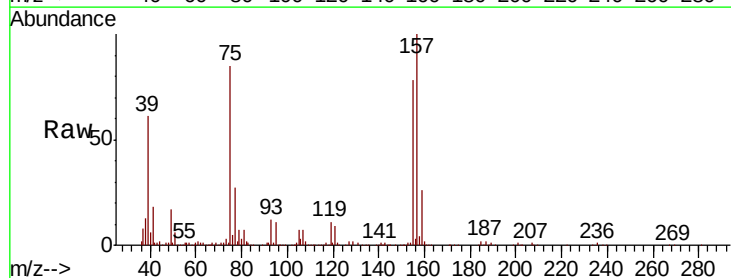
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

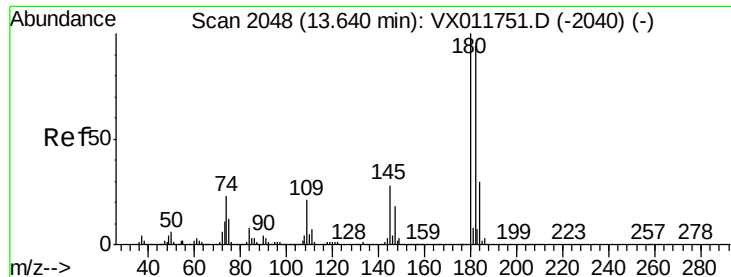
Tgt Ion: 146 Resp: 403720
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.8 56.4
 148 64.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.348 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion: 75 Resp: 70624
 Ion Ratio Lower Upper
 75 100
 155 98.9 52.6 157.9
 157 127.7 68.3 204.9

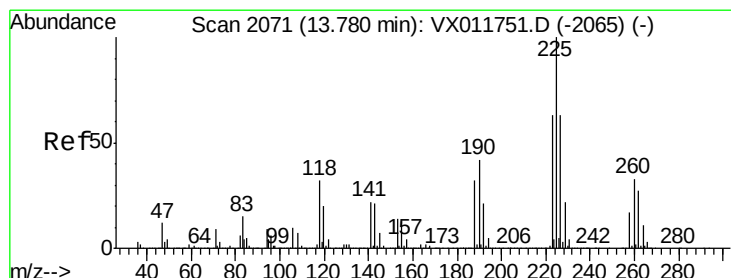
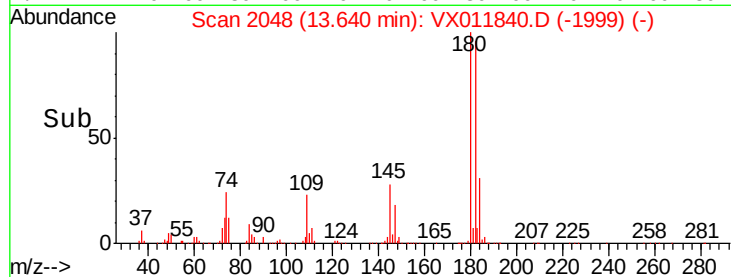
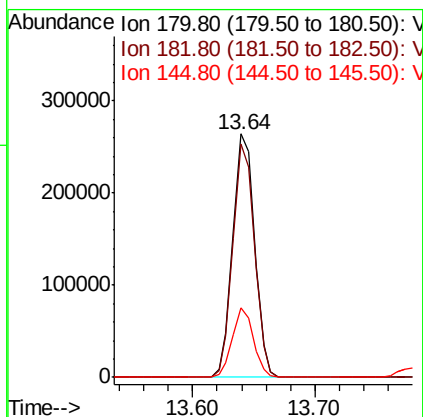
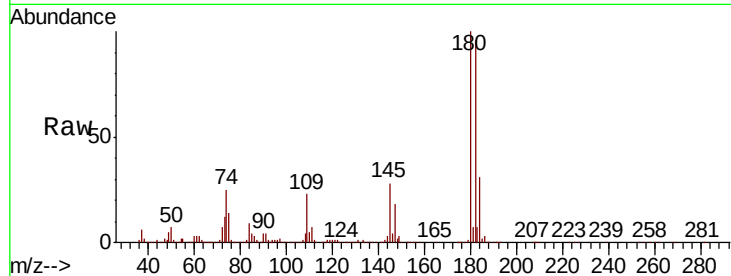




#93
 1,2,4-Trichlorobenzene
 Concen: 51.206 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

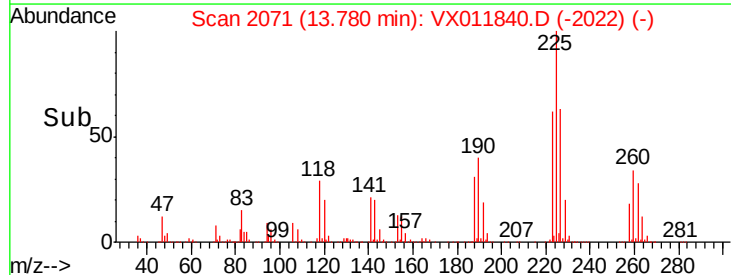
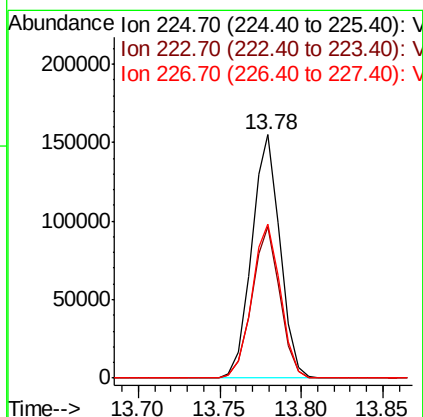
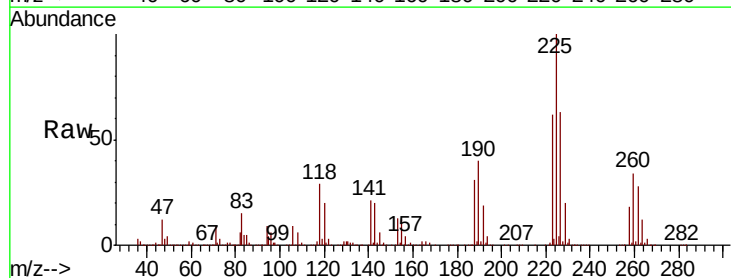
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

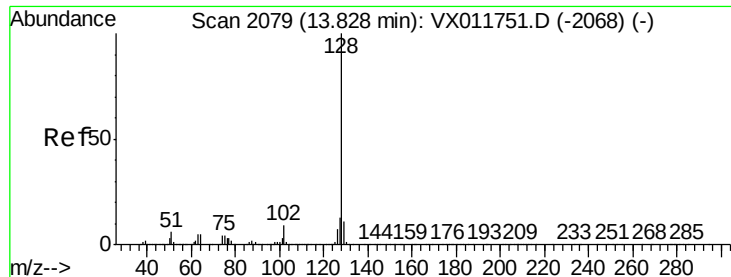
Tgt Ion:180 Resp: 325740
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.4
 145 27.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 53.634 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion:225 Resp: 186959
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.0 93.0
 227 63.9 31.8 95.3





#95

Naphthalene

Concen: 50.909 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

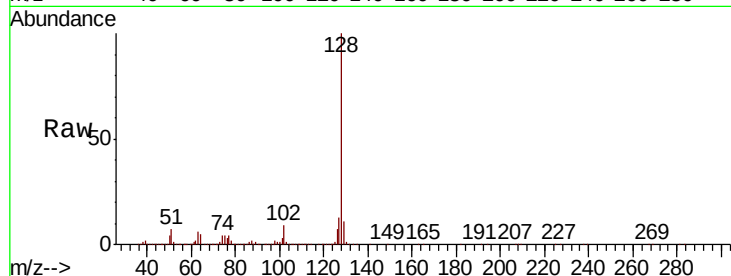
Tgt Ion:128 Resp: 891951

Ion Ratio Lower Upper

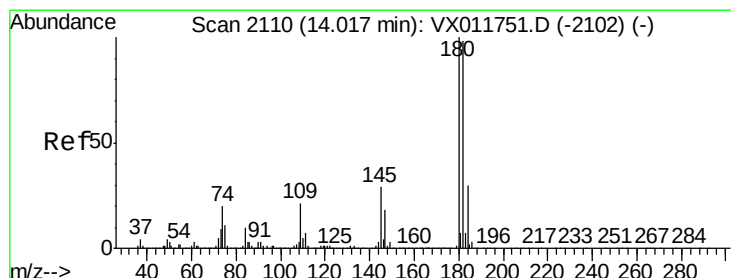
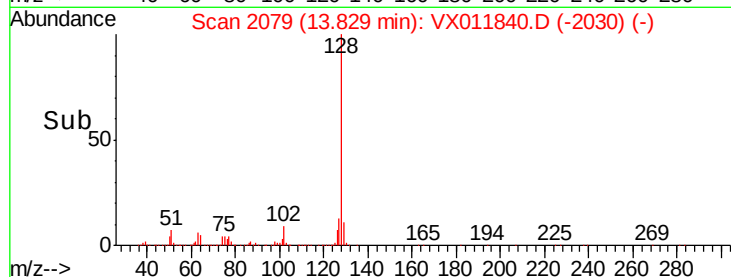
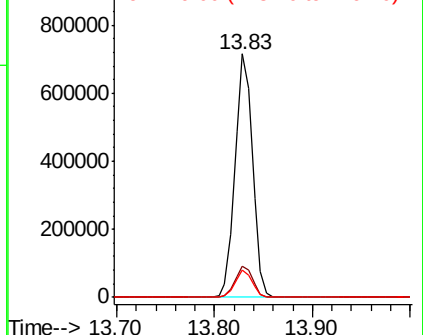
128 100

127 12.9 10.4 15.6

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: 49.556 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

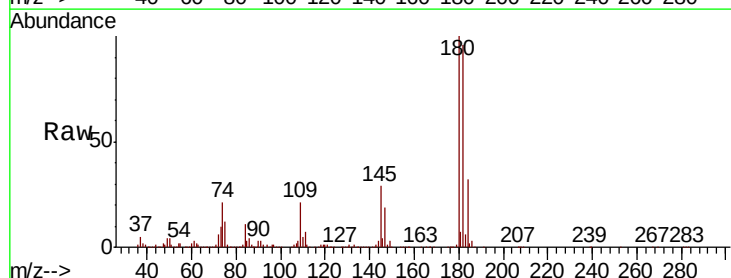
Tgt Ion:180 Resp: 316537

Ion Ratio Lower Upper

180 100

182 97.2 48.5 145.5

145 30.1 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

