

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011079.D
 Acq On : 26 Jul 2019 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 27 01:59:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	216487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	158927	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105125	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
35) Dibromofluoromethane	5.49	113	96197	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
50) Toluene-d8	8.71	98	356970	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	138333	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	106669	46.250	ug/l	98
3) Chloromethane	1.32	50	94298	47.367	ug/l	98
4) Vinyl Chloride	1.41	62	98849	48.679	ug/l	100
5) Bromomethane	1.64	94	52011	45.452	ug/l	99
6) Chloroethane	1.71	64	62851	48.705	ug/l	99
7) Trichlorofluoromethane	1.92	101	171140	49.789	ug/l	100
8) Diethyl Ether	2.19	74	56667	47.848	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100061	50.983	ug/l	98
10) Methyl Iodide	2.51	142	123886	48.101	ug/l	99
11) Tert butyl alcohol	3.05	59	114065	212.662	ug/l	100
12) 1,1-Dichloroethene	2.37	96	93758	48.622	ug/l	98
13) Acrolein	2.29	56	56948	183.765	ug/l	99
14) Allyl chloride	2.72	41	139347	49.750	ug/l	100
15) Acrylonitrile	3.14	53	255571	235.803	ug/l	100
16) Acetone	2.44	43	271905	261.400	ug/l	98
17) Carbon Disulfide	2.57	76	213896	43.243	ug/l	100
18) Methyl Acetate	2.77	43	116692	49.268	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	311971	50.256	ug/l	98
20) Methylene Chloride	2.85	84	106426	48.279	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	97239	47.526	ug/l	98
22) Diisopropyl ether	3.85	45	292658	49.541	ug/l	99
23) Vinyl Acetate	3.81	43	1253257	250.388	ug/l	100
24) 1,1-Dichloroethane	3.70	63	167554	48.839	ug/l	99
25) 2-Butanone	4.67	43	363670	243.555	ug/l	98
26) 2,2-Dichloropropane	4.57	77	146011	51.834	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	115014	48.572	ug/l	100
28) Bromochloromethane	5.01	49	76668	47.423	ug/l	99
29) Tetrahydrofuran	5.12	42	216149	228.527	ug/l	100
30) Chloroform	5.21	83	182739	49.280	ug/l	99
31) Cyclohexane	5.57	56	148225	47.401	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	163595	50.993	ug/l	99
36) 1,1-Dichloropropene	5.79	75	130715	50.769	ug/l	100
37) Ethyl Acetate	4.83	43	129069	48.957	ug/l	99
38) Carbon Tetrachloride	5.78	117	144574	53.887	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168042	50.329	ug/l	99
40) Benzene	6.13	78	398836	50.570	ug/l	99
41) Methacrylonitrile	5.04	41	72518	48.454	ug/l	98
42) 1,2-Dichloroethane	6.19	62	142033	51.795	ug/l	99
43) Isopropyl Acetate	6.44	43	218406	50.381	ug/l	98
44) Trichloroethene	7.21	130	117981	50.537	ug/l	93
45) 1,2-Dichloropropane	7.51	63	102465	51.045	ug/l	97
46) Dibromomethane	7.66	93	75619	52.719	ug/l	97
47) Bromodichloromethane	7.90	83	139505	54.637	ug/l	96
48) Methyl methacrylate	7.77	41	106582	50.469	ug/l	98
49) 1,4-Dioxane	7.74	88	54380	920.562	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	712136	253.416	ug/l	100
52) Toluene	8.78	92	262784	50.720	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	152281	55.466	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166180	54.397	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	111628	52.327	ug/l	96
56) Ethyl methacrylate	9.18	69	168442	53.979	ug/l	100
57) 1,3-Dichloropropane	9.37	76	175285	51.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	390866	262.396	ug/l	99
59) 2-Hexanone	9.49	43	557624	255.838	ug/l	99
60) Dibromochloromethane	9.58	129	123257	50.193	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117077	51.713	ug/l	98
64) Tetrachloroethene	9.33	164	116249	51.462	ug/l	97
65) Chlorobenzene	10.13	112	303206	51.410	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	113765	54.885	ug/l	98
67) Ethyl Benzene	10.25	91	530116	52.807	ug/l	100
68) m/p-Xylenes	10.35	106	408367	106.048	ug/l	99
69) o-Xylene	10.69	106	197709	52.608	ug/l	100
70) Styrene	10.71	104	342100	54.606	ug/l	99
71) Bromoform	10.85	173	93198	49.413	ug/l #	99
73) Isopropylbenzene	11.02	105	542694	50.536	ug/l	100
74) N-amyl acetate	10.90	43	204909	49.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170816	48.606	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	190848	66.546	ug/l	83
77) Bromobenzene	11.25	156	146875	49.585	ug/l	100
78) n-propylbenzene	11.36	91	622582	52.470	ug/l	99
79) 2-Chlorotoluene	11.42	91	364329	51.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464774	51.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53315	47.330	ug/l	99
82) 4-Chlorotoluene	11.51	91	427383	51.517	ug/l	99
83) tert-Butylbenzene	11.77	119	457025	51.852	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	467166	51.654	ug/l	100
85) sec-Butylbenzene	11.94	105	547538	53.017	ug/l	100
86) p-Isopropyltoluene	12.06	119	512975	53.726	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	265081	51.567	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	263761	50.030	ug/l	99
89) n-Butylbenzene	12.38	91	452118	55.349	ug/l	100
90) Hexachloroethane	12.59	117	82309	54.656	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	257419	50.528	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37090	50.490	ug/l	97

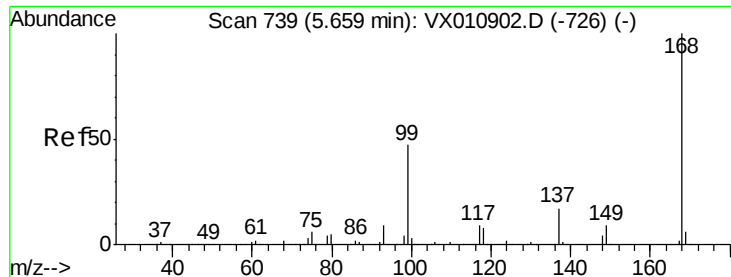
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	187788	54.389	ug/l	98
94) Hexachlorobutadiene	13.78	225	92341	53.970	ug/l	100
95) Naphthalene	13.83	128	555276	54.463	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184841	53.805	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

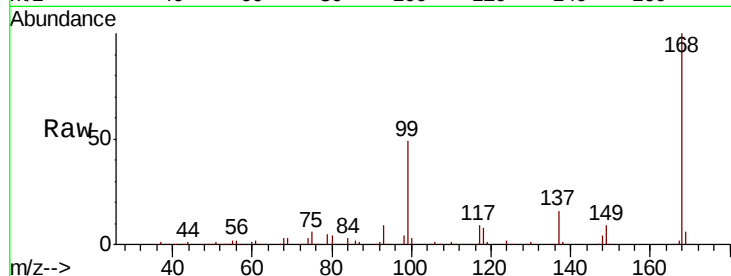
VSTDCCC050

Tot Ion:168 Resp: 216487

Ion Ratio Lower Upper

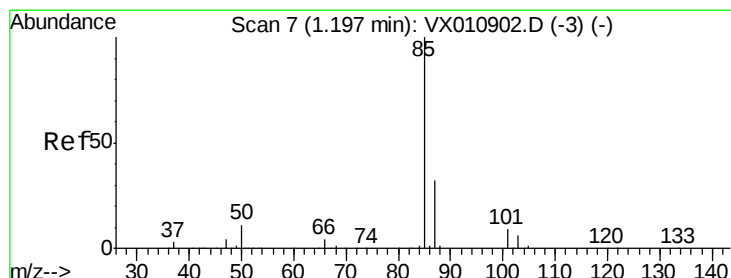
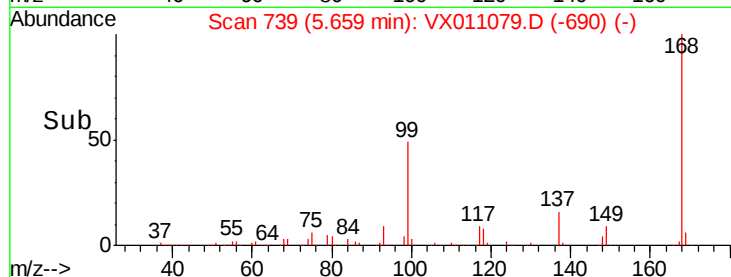
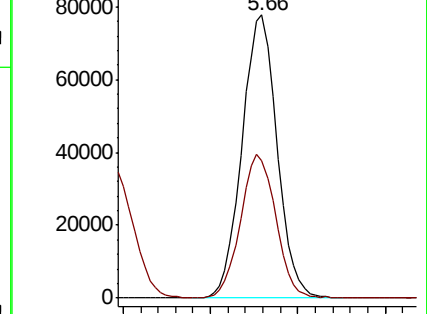
168 100

99 48.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.250 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011079.D

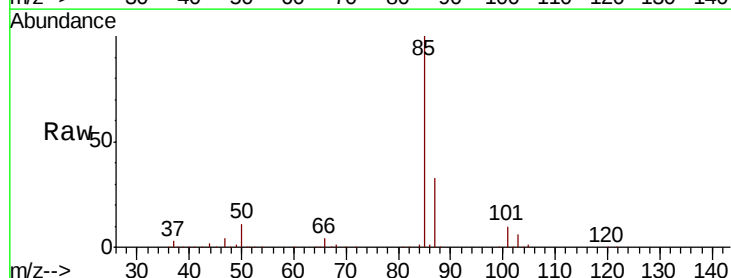
Acq: 26 Jul 2019 10:15

Tgt Ion: 85 Resp: 106669

Ion Ratio Lower Upper

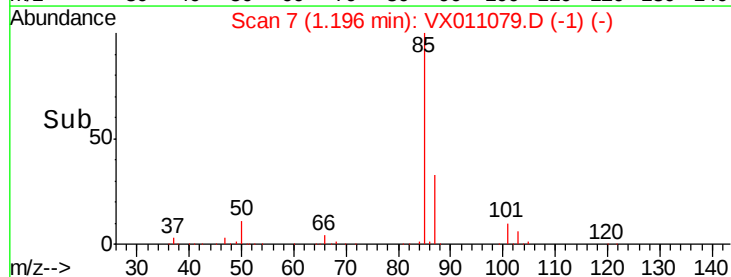
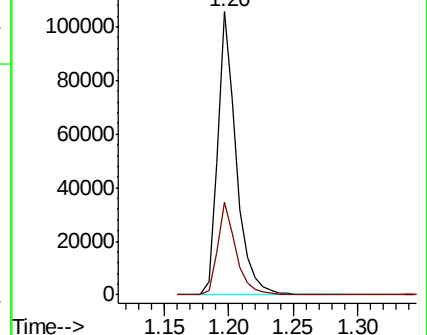
85 100

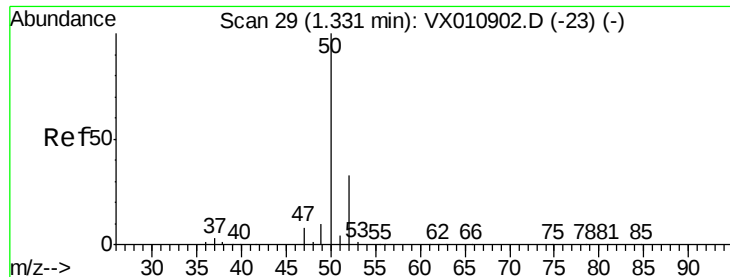
87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.367 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

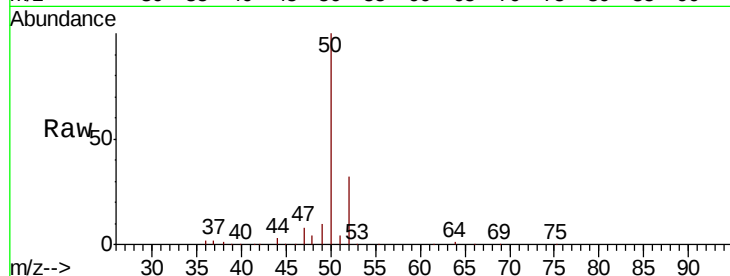
VSTDCCC050

Tot Ion: 50 Resp: 94298

Ion Ratio Lower Upper

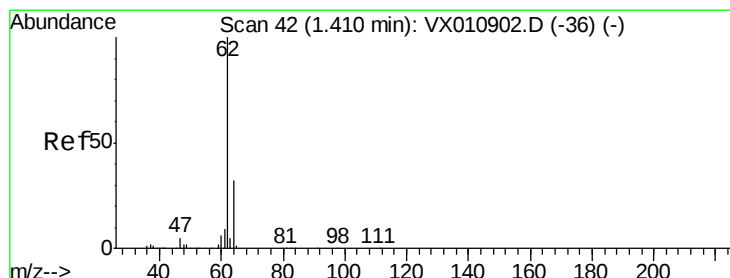
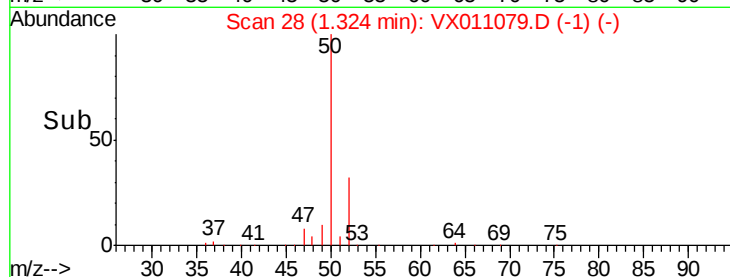
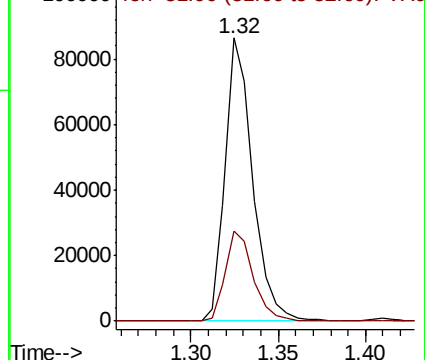
50 100

52 31.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.679 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011079.D

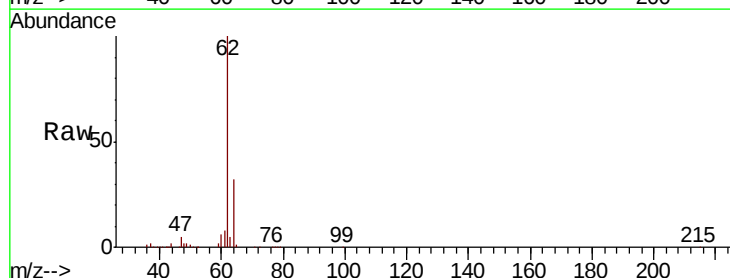
Acq: 26 Jul 2019 10:15

Tgt Ion: 62 Resp: 98849

Ion Ratio Lower Upper

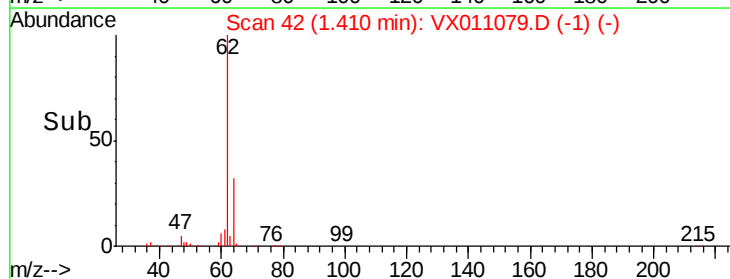
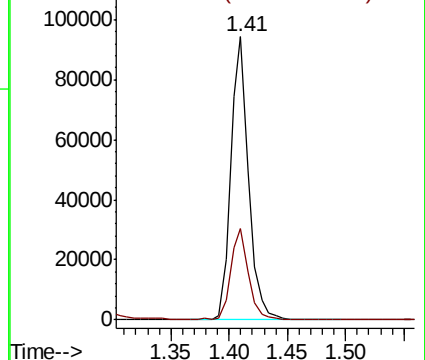
62 100

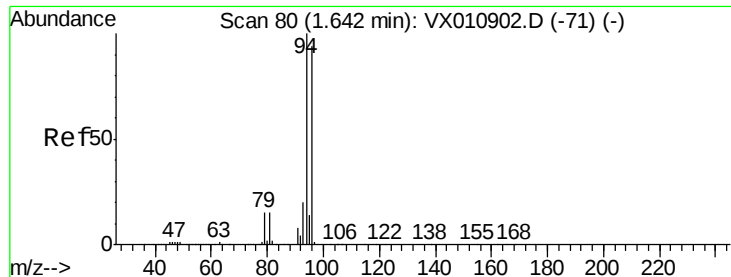
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.452 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

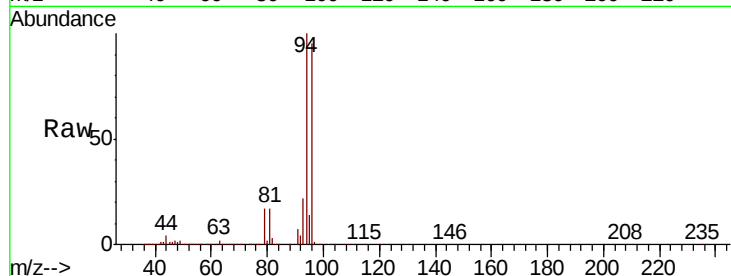
VSTDCCC050

Tot Ion: 94 Resp: 52011

Ion Ratio Lower Upper

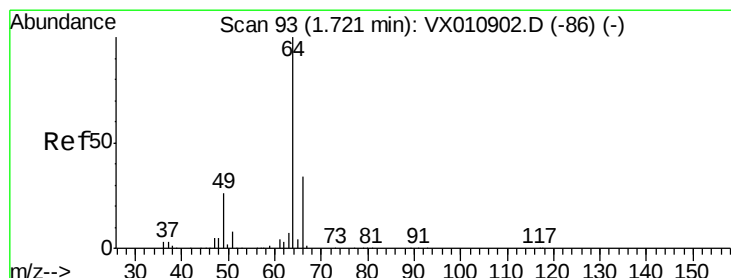
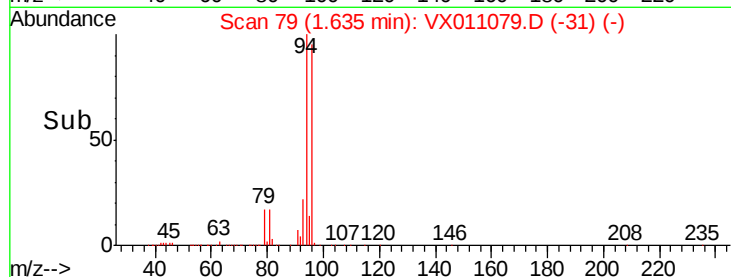
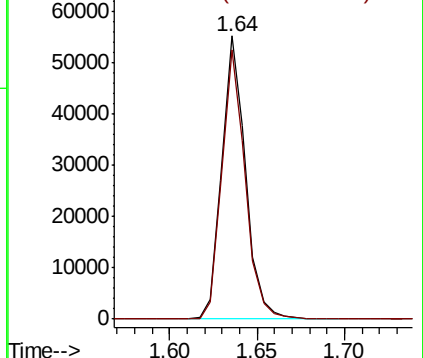
94 100

96 95.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.705 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011079.D

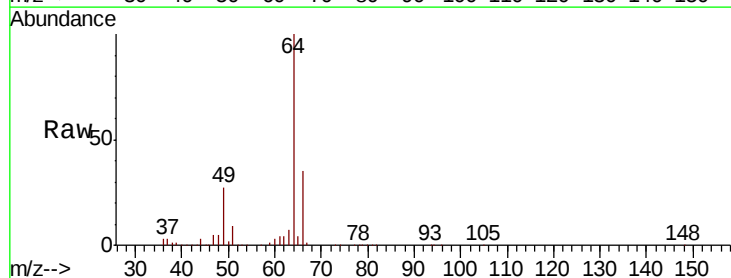
Acq: 26 Jul 2019 10:15

Tgt Ion: 64 Resp: 62851

Ion Ratio Lower Upper

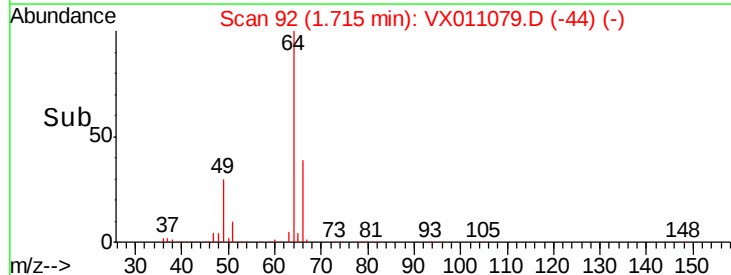
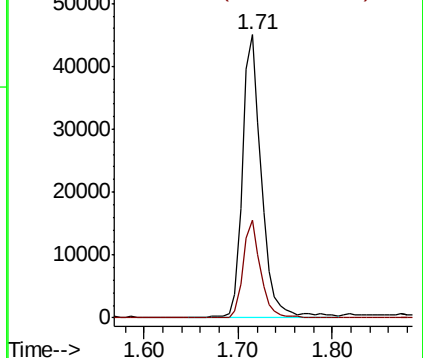
64 100

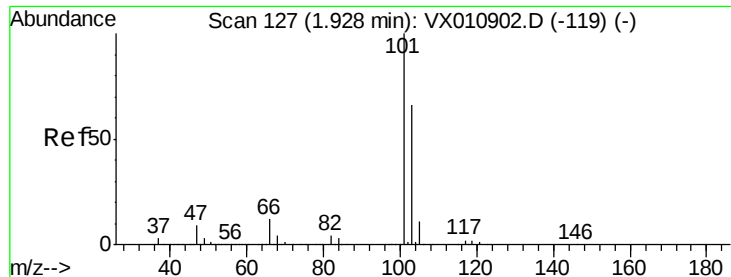
66 34.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



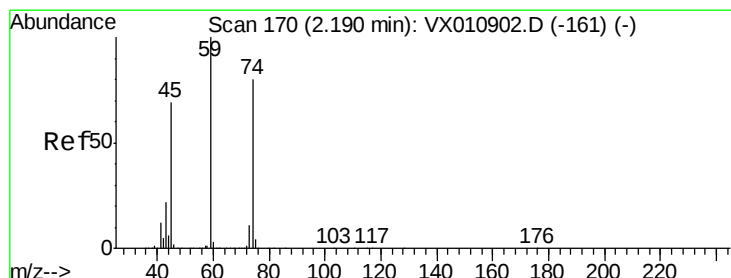
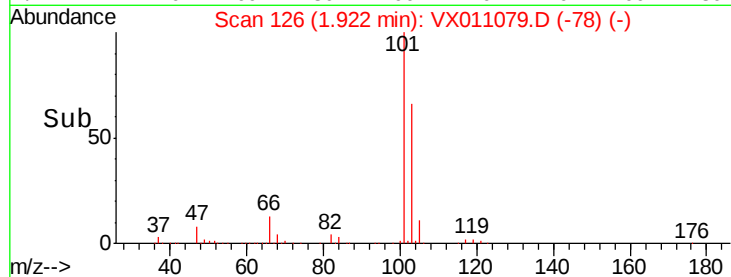
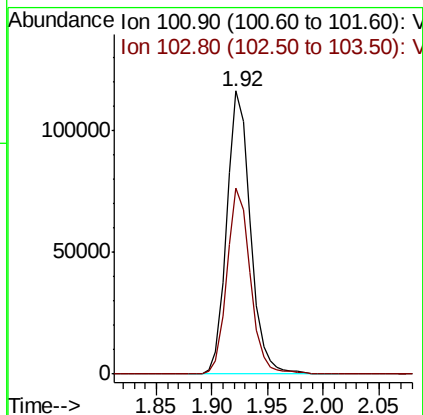
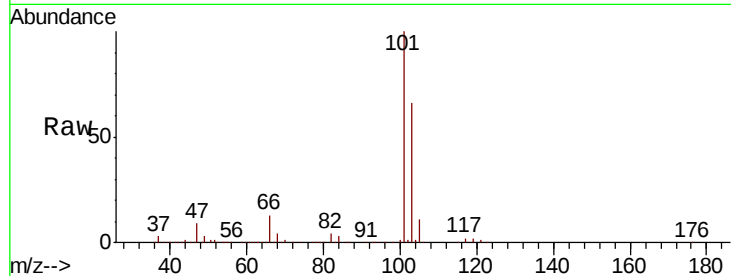


#7

Trichlorofluoromethane
Concen: 49.789 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
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VSTDCCC050

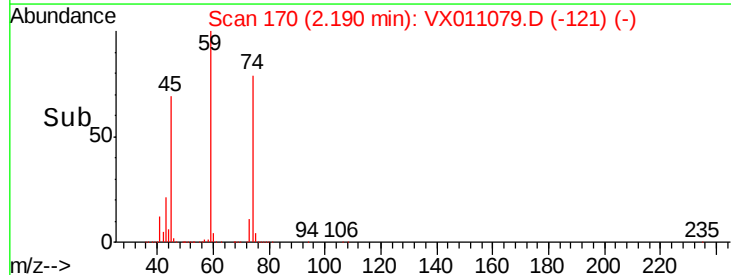
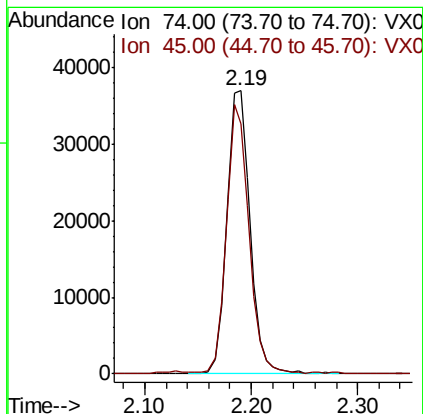
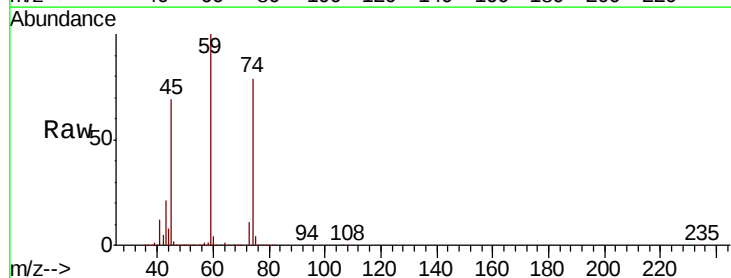
Tot Ion:101 Resp: 171140
Ion Ratio Lower Upper
101 100
103 65.9 52.6 78.8

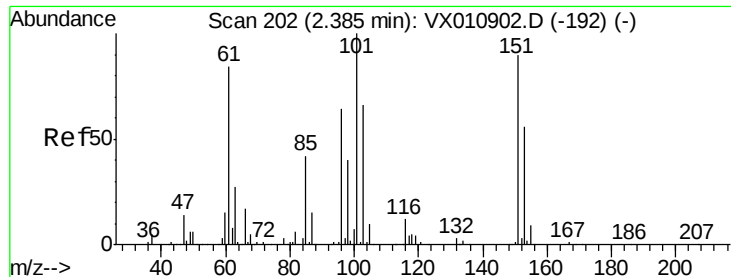


#8

Diethyl Ether
Concen: 47.848 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 74 Resp: 56667
Ion Ratio Lower Upper
74 100
45 90.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.983 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

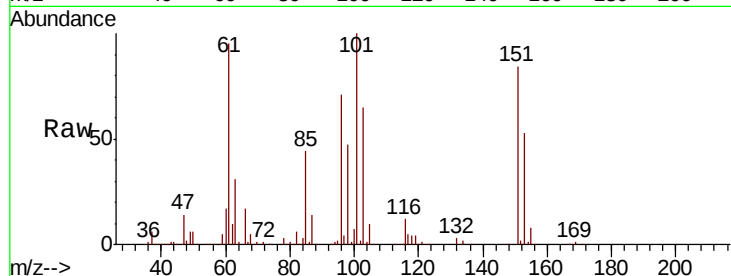
Tot Ion:101 Resp: 100061

Ion Ratio Lower Upper

101 100

85 42.7 34.6 52.0

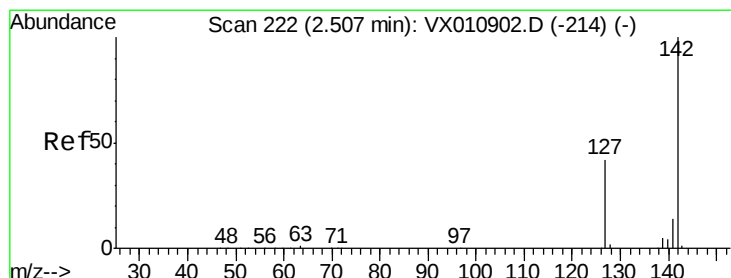
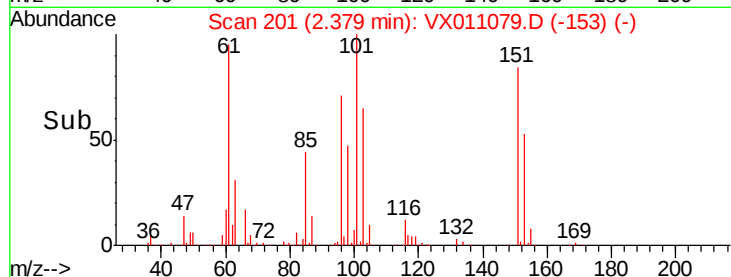
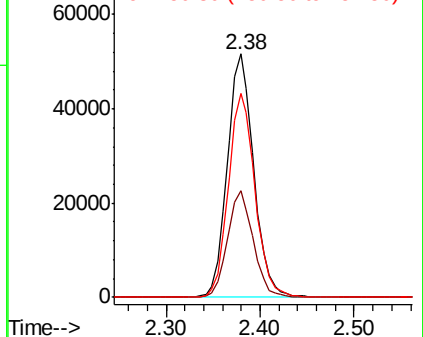
151 84.2 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.101 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

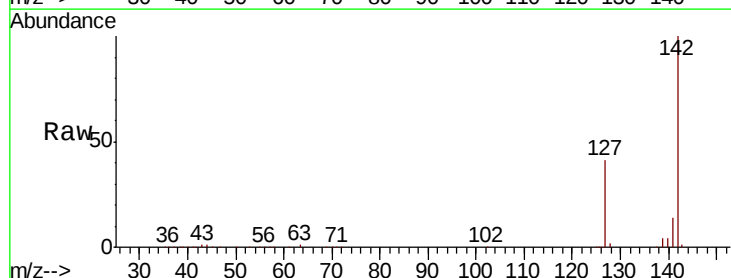
Tgt Ion:142 Resp: 123886

Ion Ratio Lower Upper

142 100

127 42.1 34.2 51.4

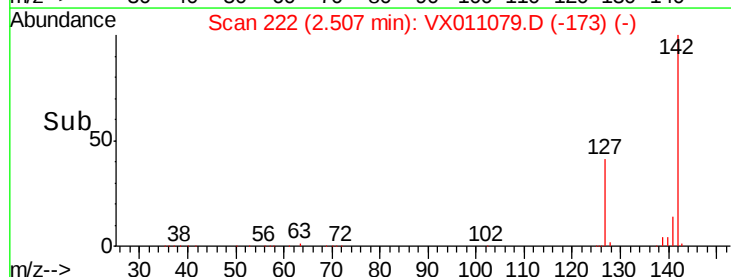
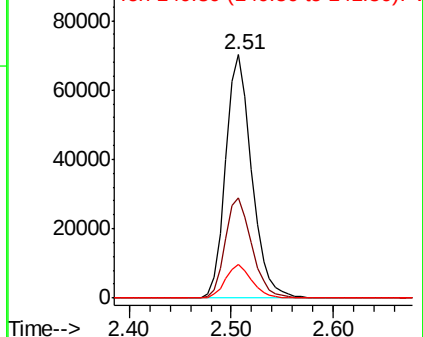
141 14.0 11.7 17.5



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

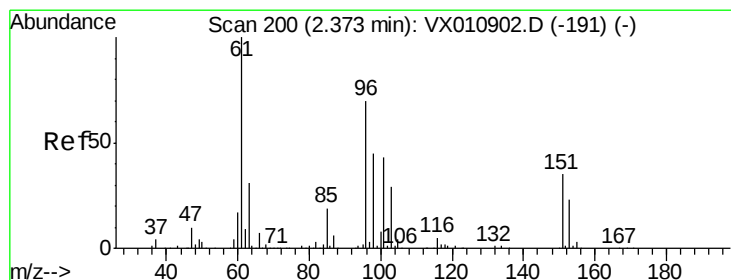
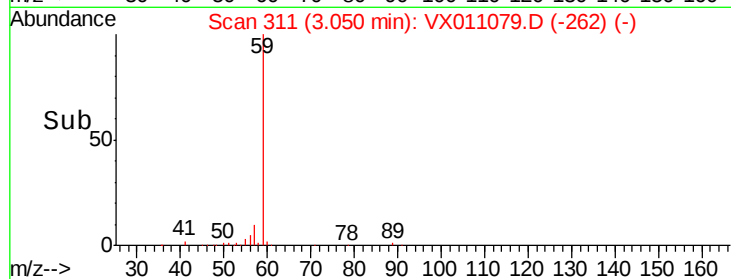
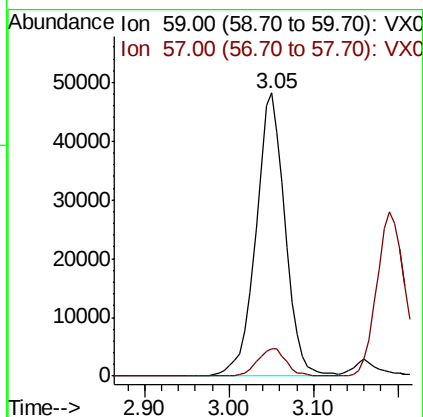
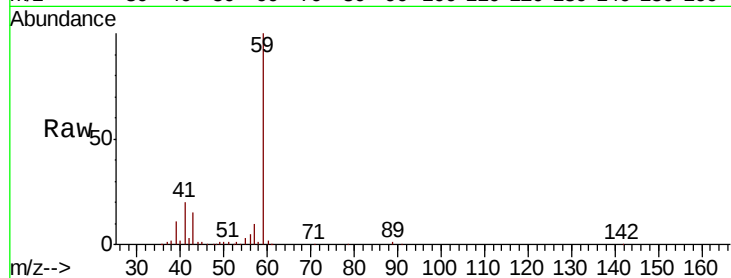




#11
Tert butyl alcohol
Concen: 212.662 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

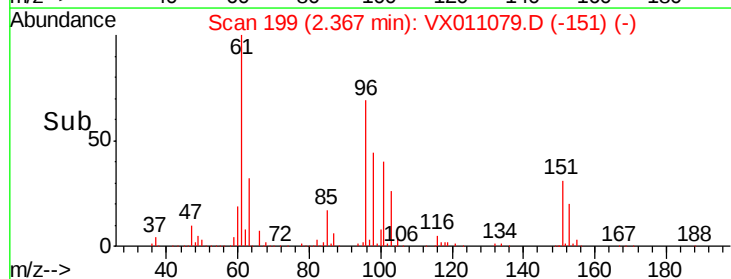
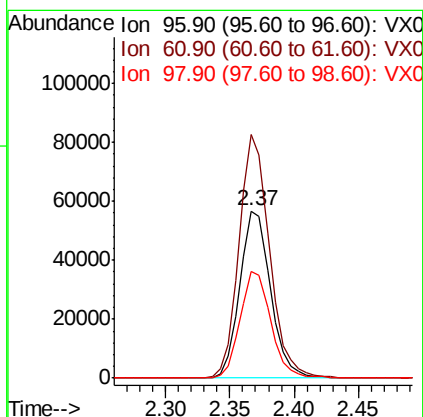
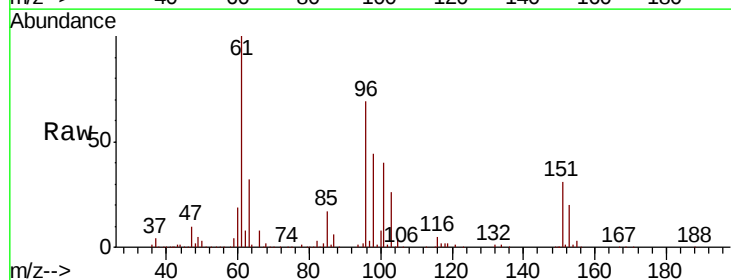
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

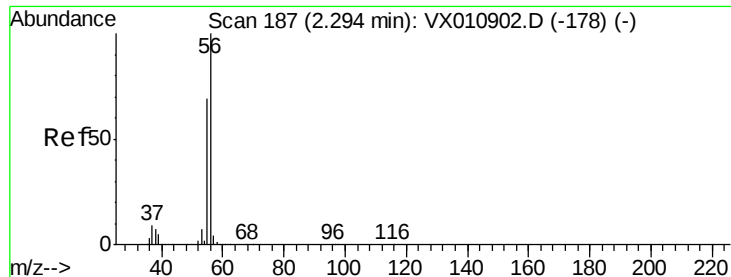
Tot Ion: 59 Resp: 114065
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9



#12
1,1-Dichloroethene
Concen: 48.622 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 96 Resp: 93758
Ion Ratio Lower Upper
96 100
61 145.7 115.0 172.4
98 64.1 52.2 78.2





#13

Acrolein

Concen: 183.765 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

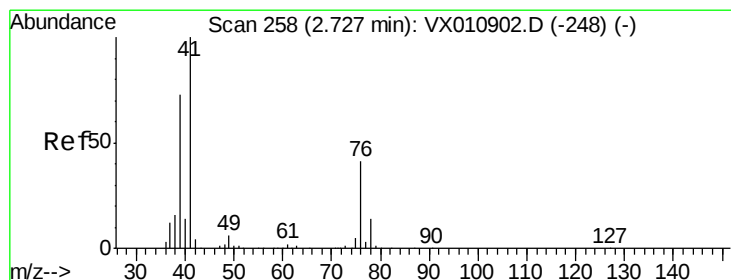
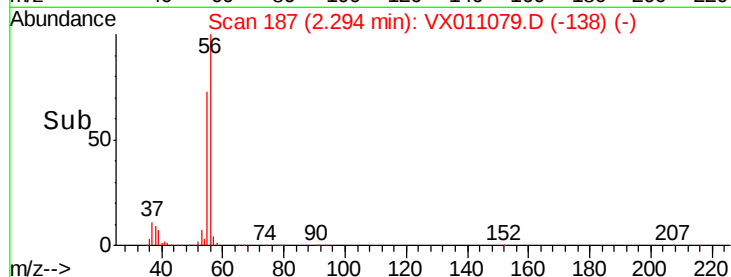
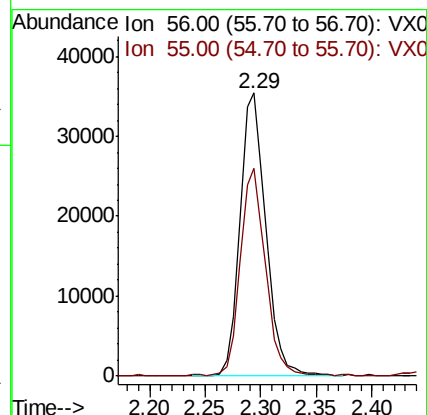
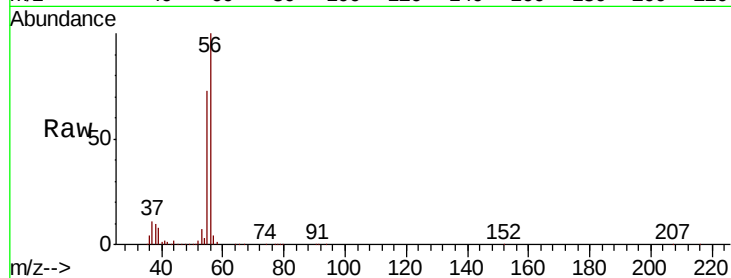
VSTDCCC050

Tot Ion: 56 Resp: 56948

Ion Ratio Lower Upper

56 100

55 71.0 55.9 83.9



#14

Allyl chloride

Concen: 49.750 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

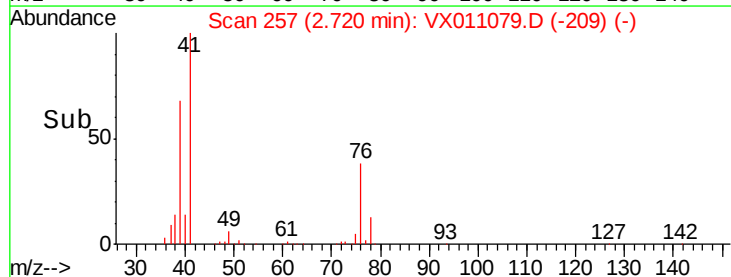
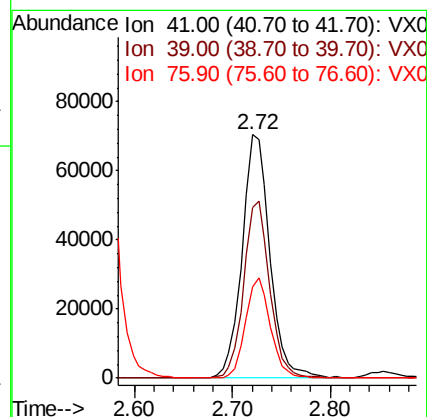
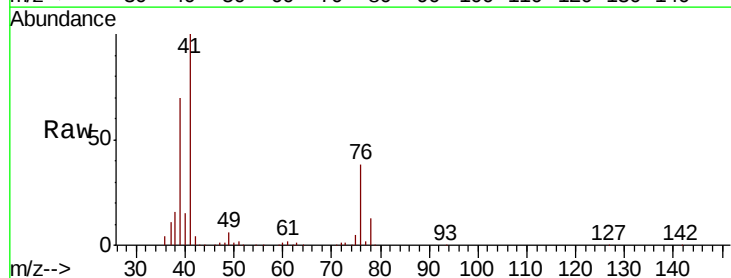
Tgt Ion: 41 Resp: 139347

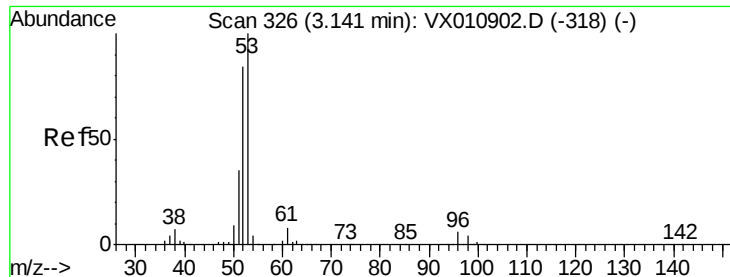
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 37.2 29.7 44.5





#15

Acrylonitrile

Concen: 235.803 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

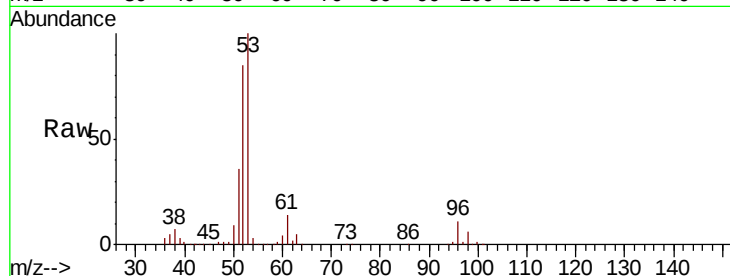
Tot Ion: 53 Resp: 255571

Ion Ratio Lower Upper

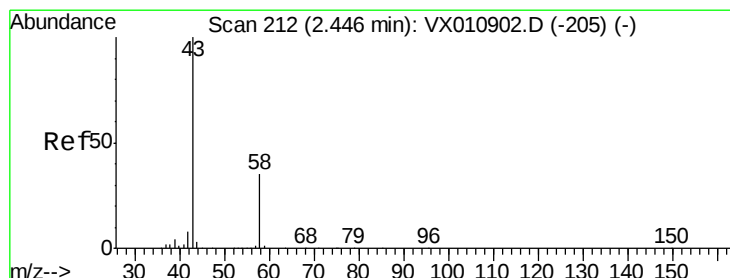
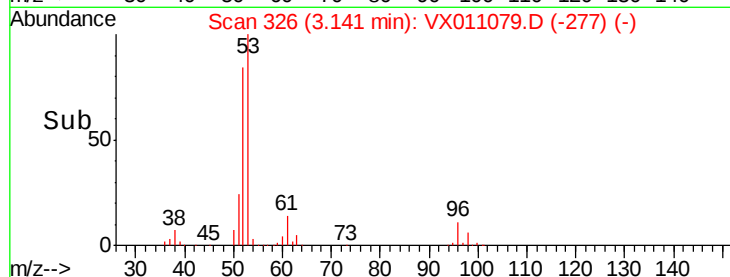
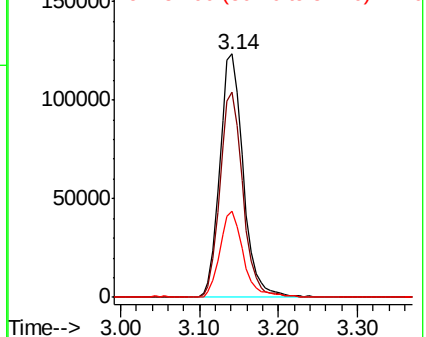
53 100

52 82.8 66.5 99.7

51 35.7 28.2 42.4



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: 261.400 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011079.D

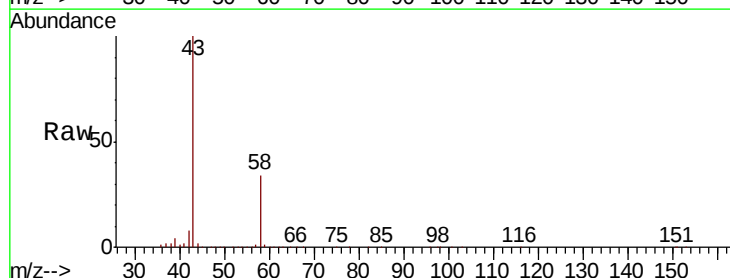
Acq: 26 Jul 2019 10:15

Tgt Ion: 43 Resp: 271905

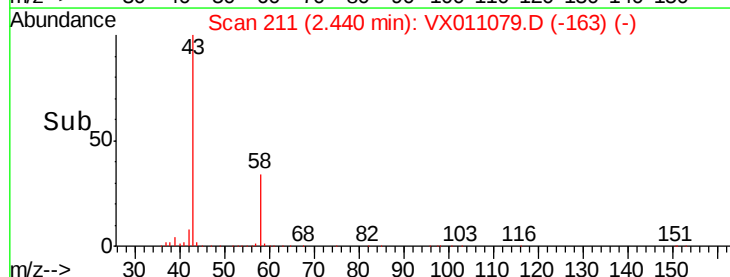
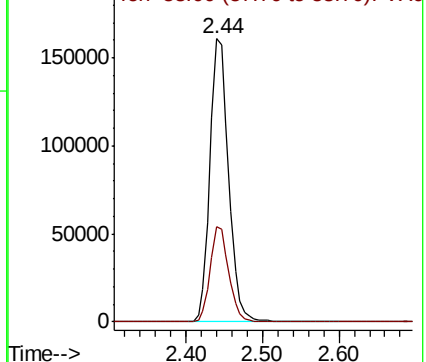
Ion Ratio Lower Upper

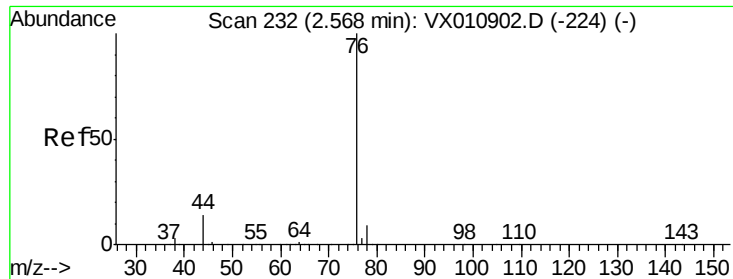
43 100

58 33.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

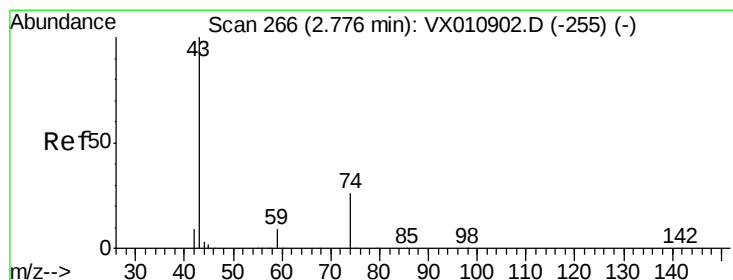
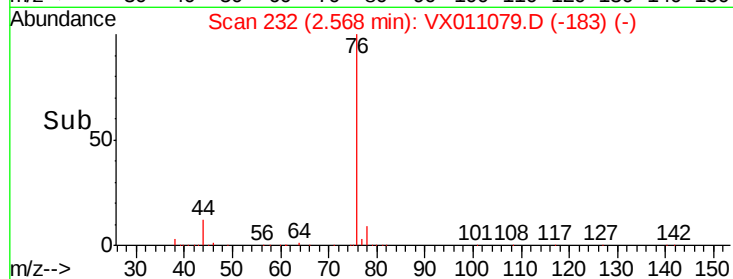
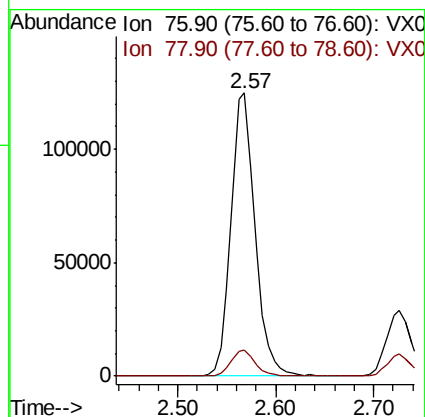
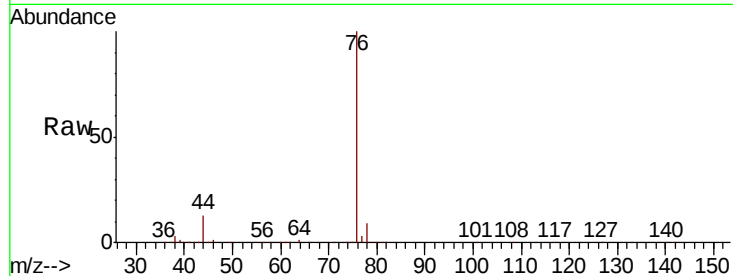




#17
Carbon Disulfide
Concen: 43.243 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

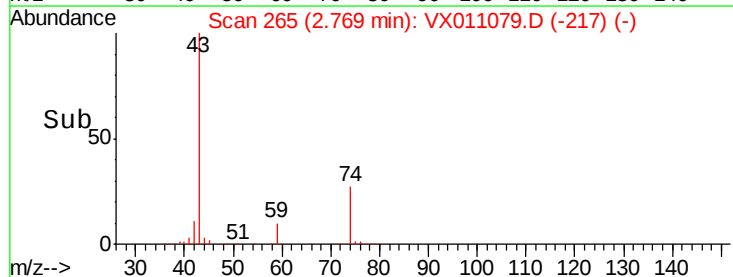
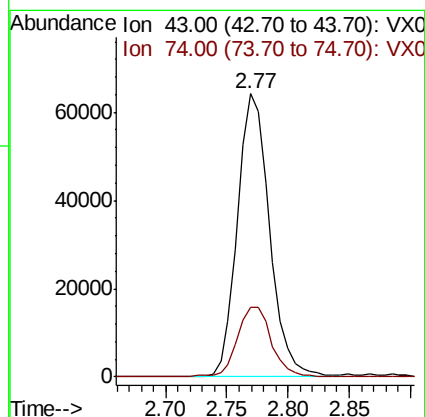
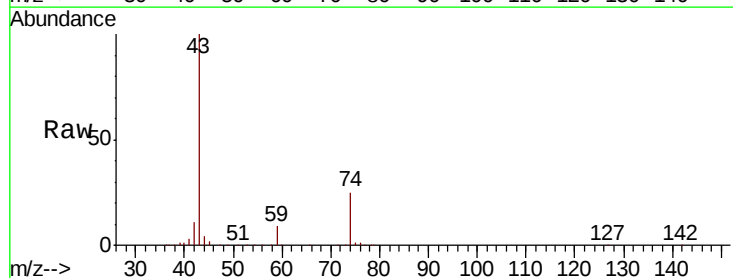
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

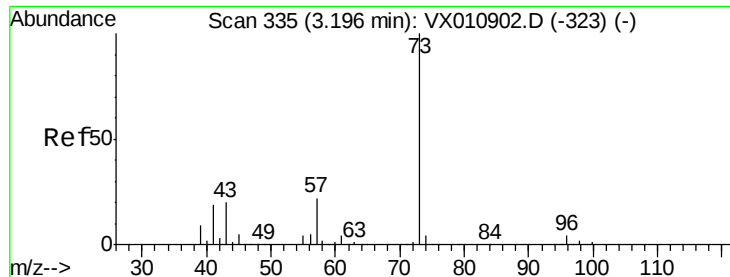
Tot Ion: 76 Resp: 213896
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 49.268 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 43 Resp: 116692
Ion Ratio Lower Upper
43 100
74 26.8 21.5 32.3

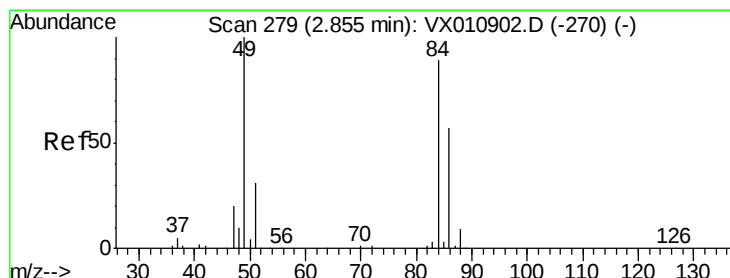
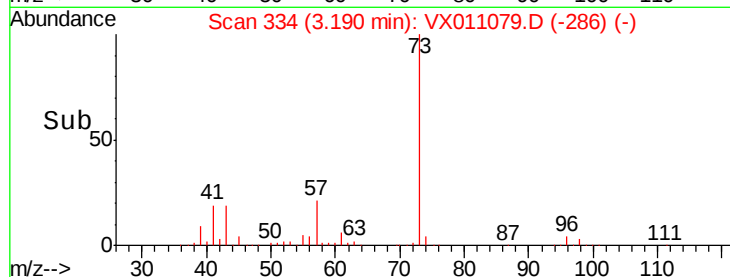
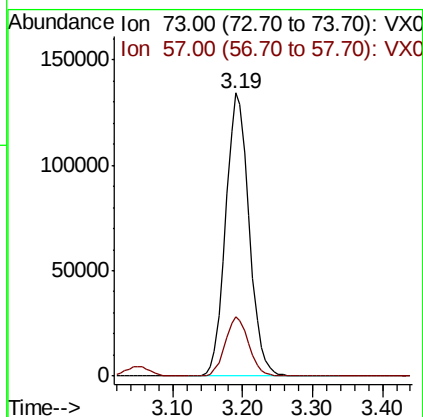
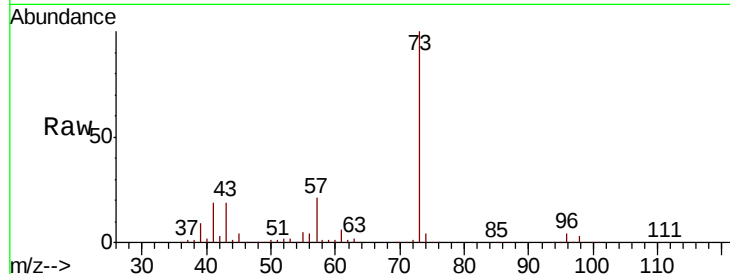




#19
Methyl tert-butyl Ether
Concen: 50.256 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

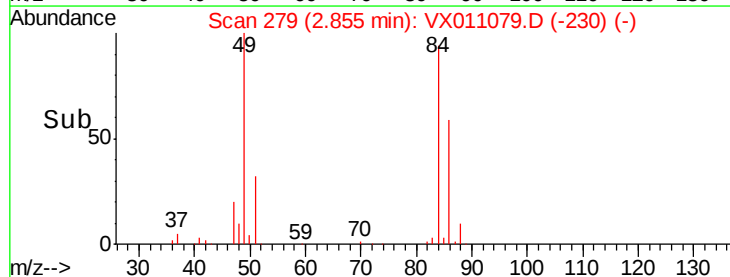
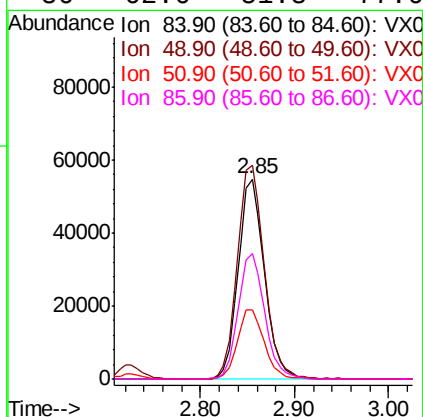
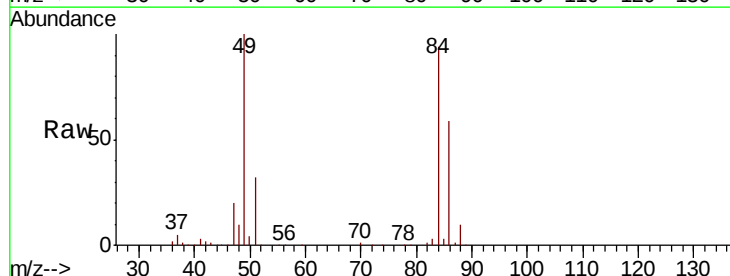
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

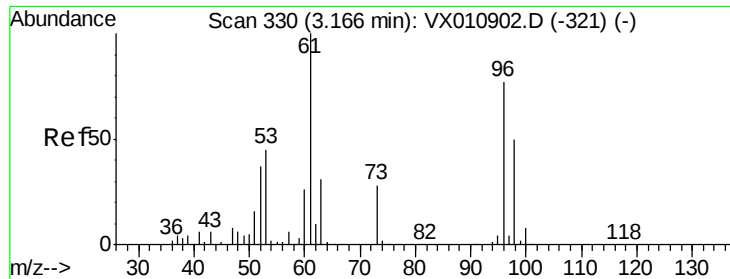
Tot Ion: 73 Resp: 311971
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 48.279 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 84 Resp: 106426
Ion Ratio Lower Upper
84 100
49 106.6 89.9 134.9
51 34.4 27.8 41.6
86 62.6 51.8 77.6

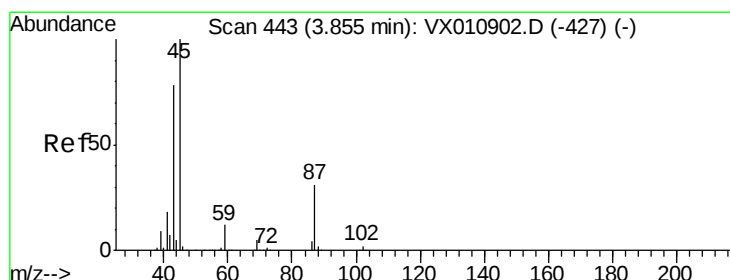
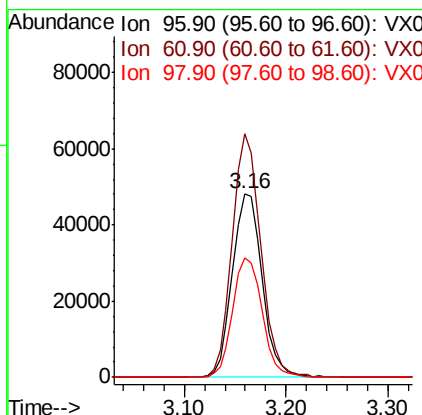
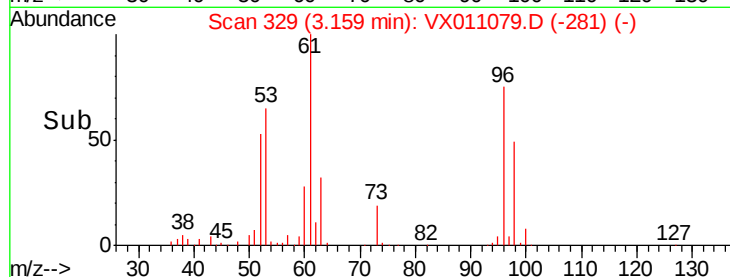
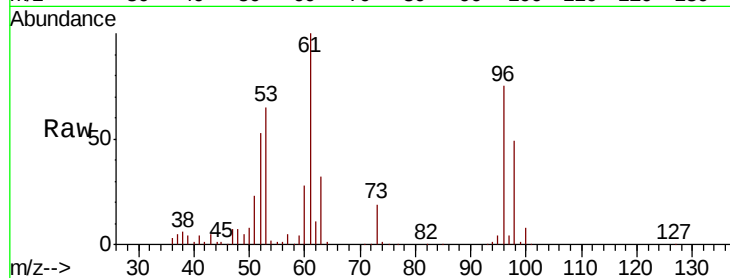




#21
trans-1,2-Dichloroethene
Concen: 47.526 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

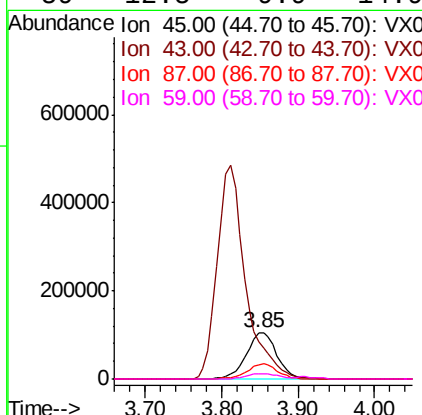
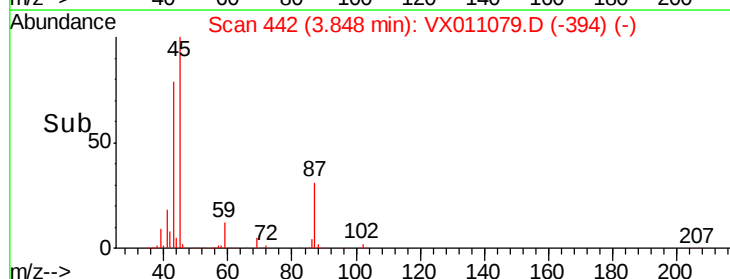
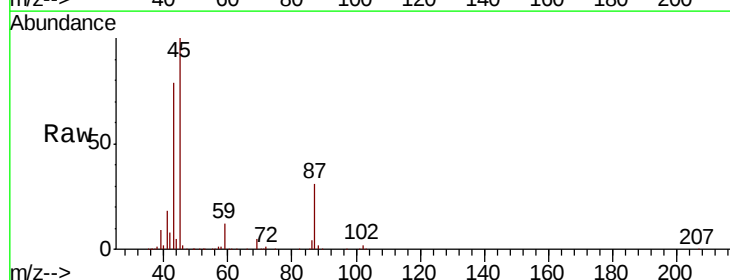
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

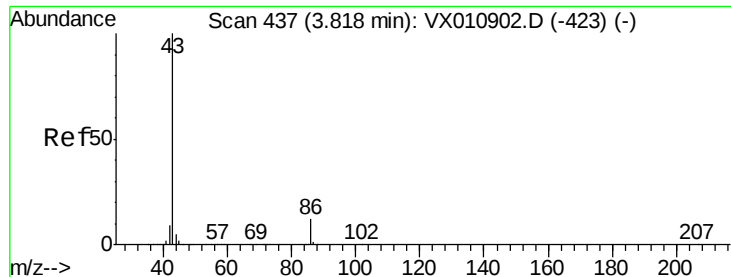
Tot Ion: 96 Resp: 97239
Ion Ratio Lower Upper
96 100
61 132.7 104.2 156.2
98 64.8 52.2 78.4



#22
Diisopropyl ether
Concen: 49.541 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 45 Resp: 292658
Ion Ratio Lower Upper
45 100
43 78.6 62.3 93.5
87 30.6 25.0 37.4
59 12.5 9.9 14.9





#23

Vinyl Acetate

Concen: 250.388 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampled :

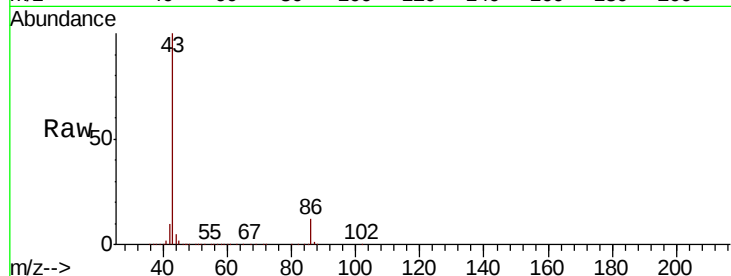
VSTDCCC050

Tot Ion: 43 Resp: 1253257

Ion Ratio Lower Upper

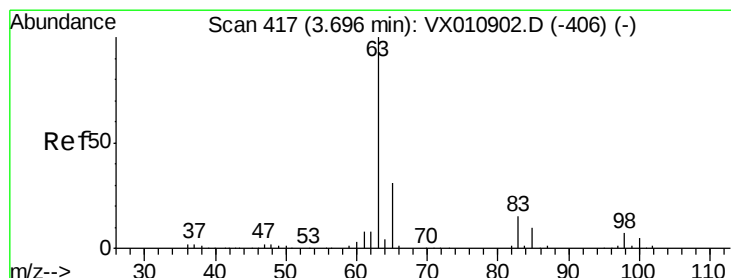
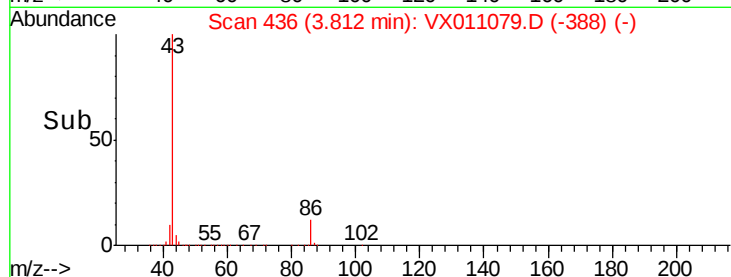
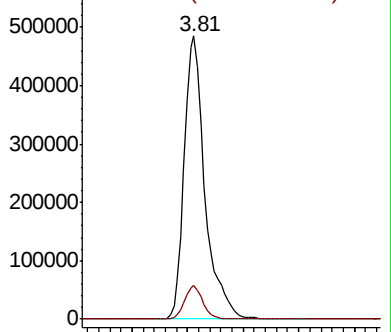
43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.839 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

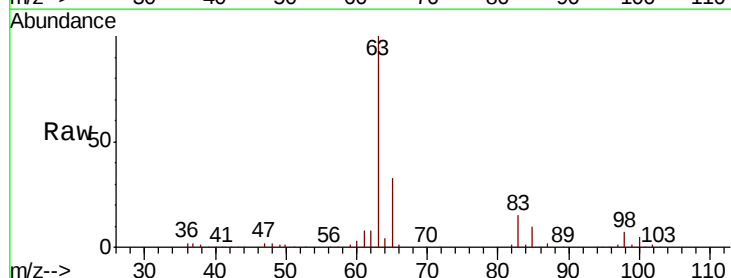
Tgt Ion: 63 Resp: 167554

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

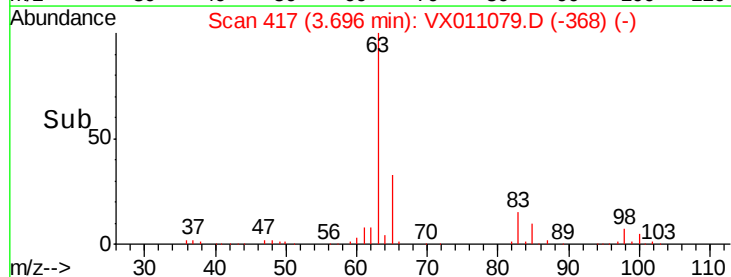
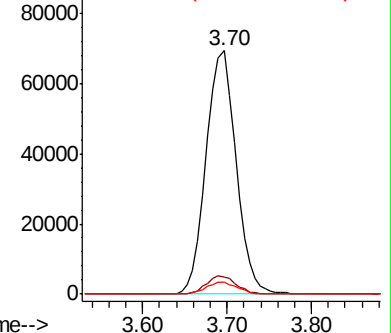
100 4.8 2.4 7.2

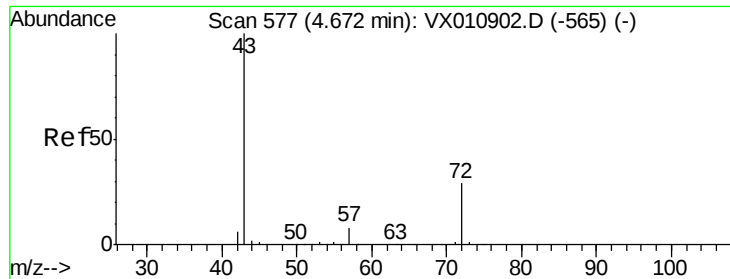


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.555 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

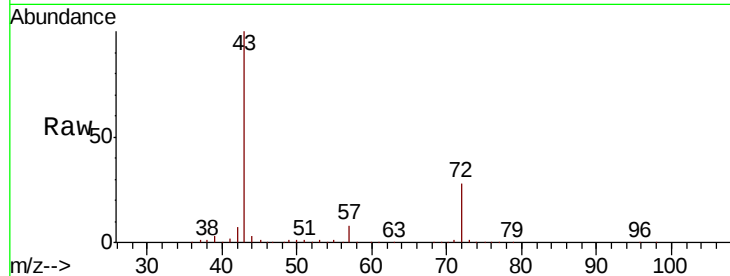
VSTDCCC050

Tot Ion: 43 Resp: 363670

Ion Ratio Lower Upper

43 100

72 27.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

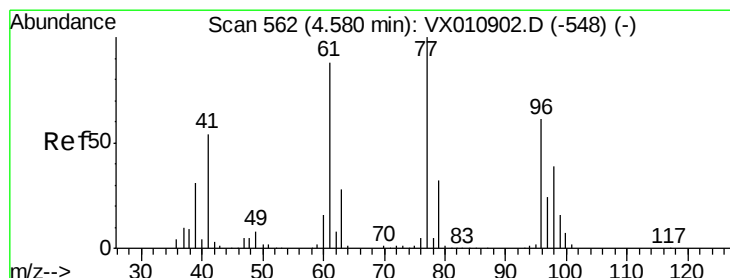
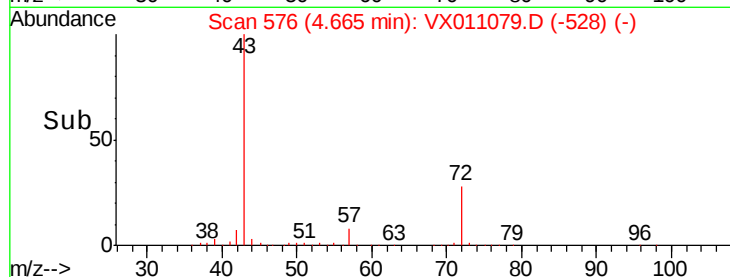
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.834 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011079.D

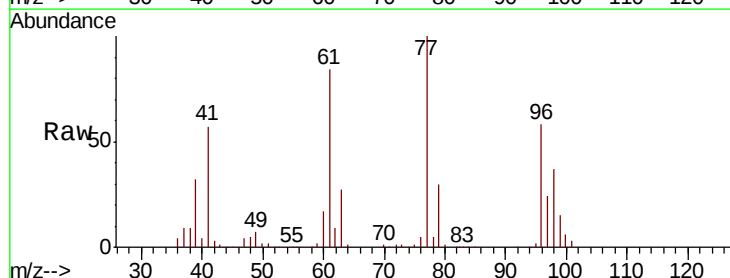
Acq: 26 Jul 2019 10:15

Tgt Ion: 77 Resp: 146011

Ion Ratio Lower Upper

77 100

97 24.4 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

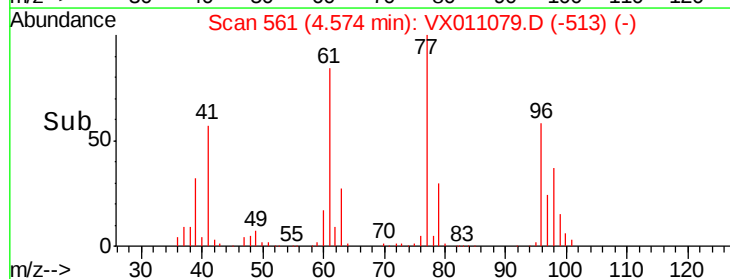
20000

10000

0

4.40 4.50 4.57 4.60 4.70

Time-->



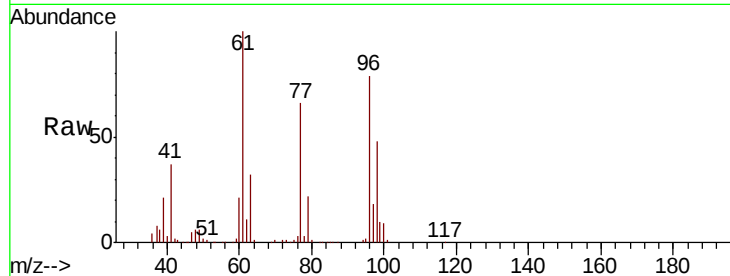


#27

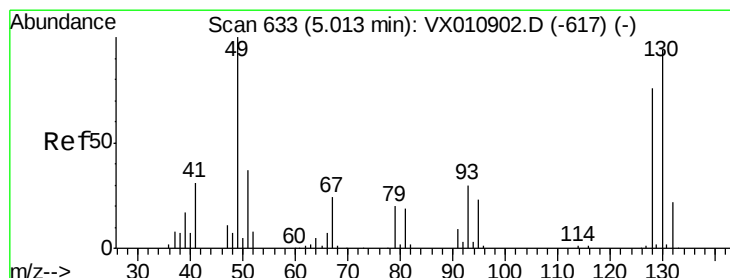
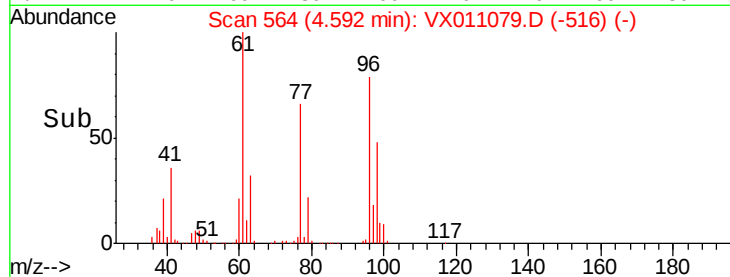
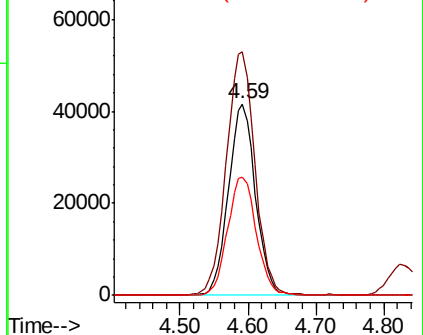
cis-1,2-Dichloroethene
 Concen: 48.572 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 115014
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 269.0
 98 65.5 0.0 131.4



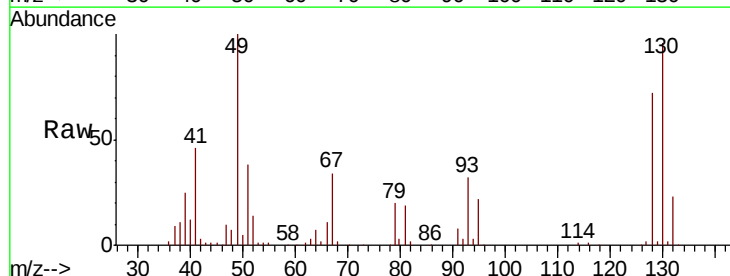
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



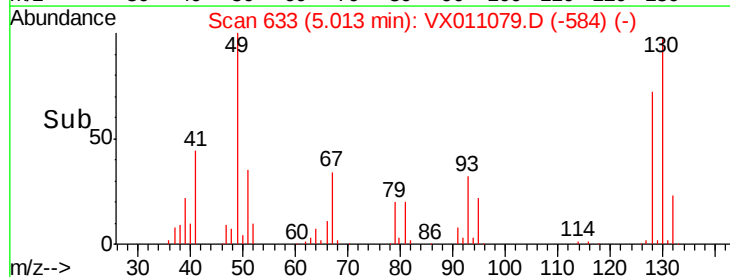
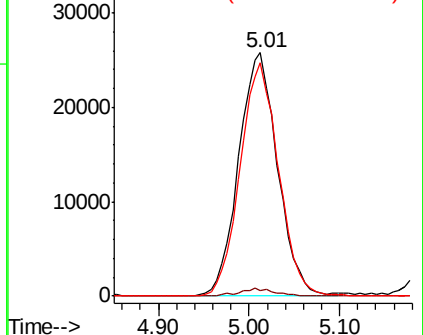
#28

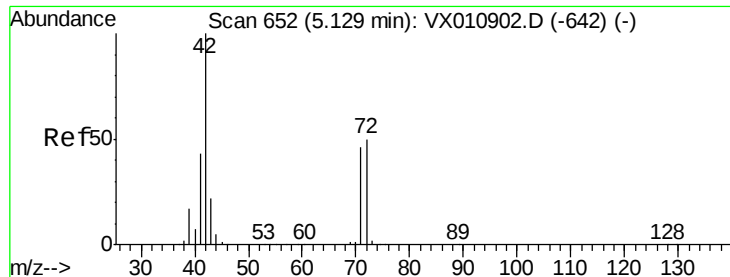
Bromochloromethane
 Concen: 47.423 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion: 49 Resp: 76668
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.2
 130 94.7 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 228.527 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

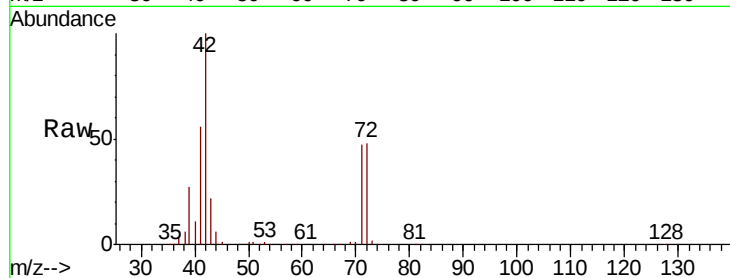
Tot Ion: 42 Resp: 216149

Ion Ratio Lower Upper

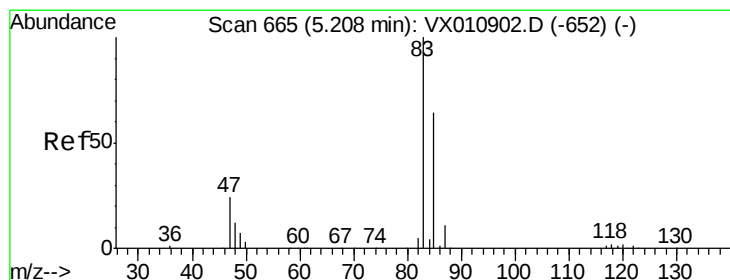
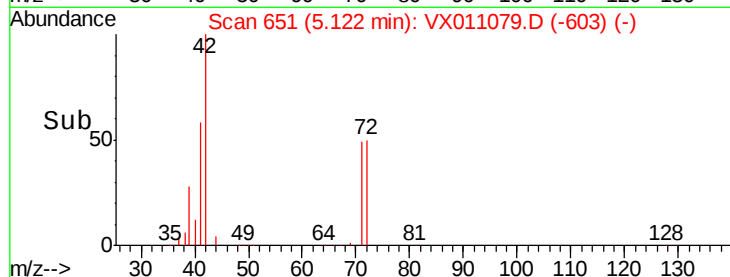
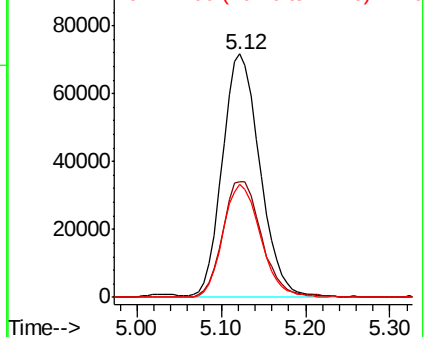
42 100

72 50.2 39.8 59.8

71 46.4 37.0 55.4



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: 49.280 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011079.D

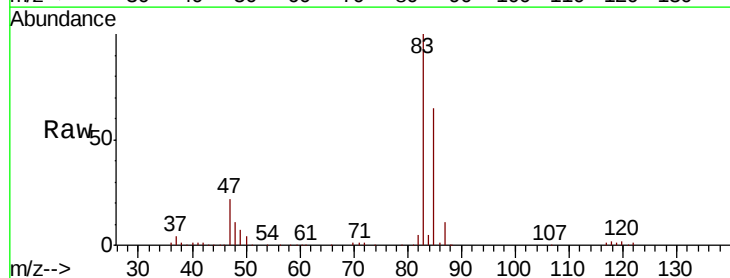
Acq: 26 Jul 2019 10:15

Tgt Ion: 83 Resp: 182739

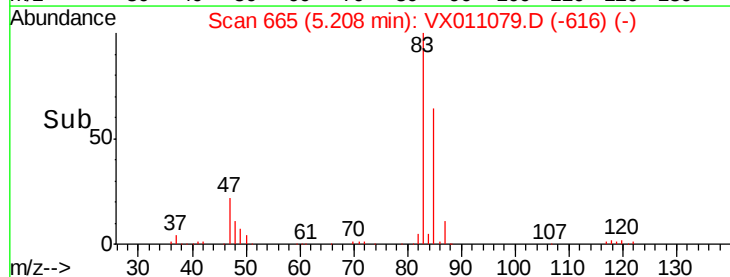
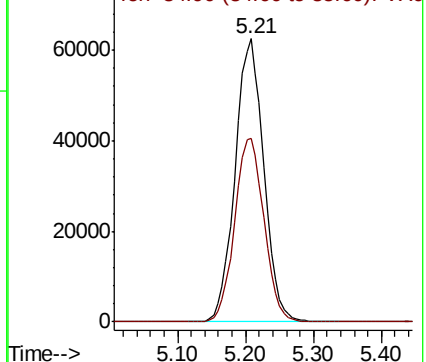
Ion Ratio Lower Upper

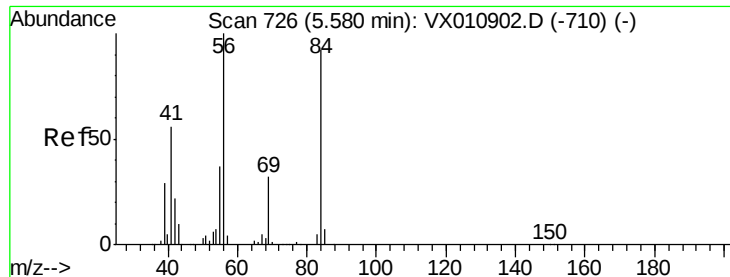
83 100

85 64.9 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

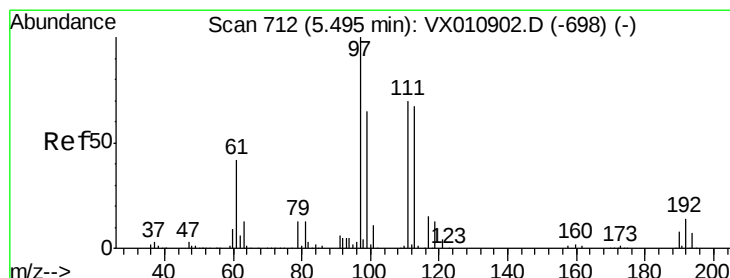
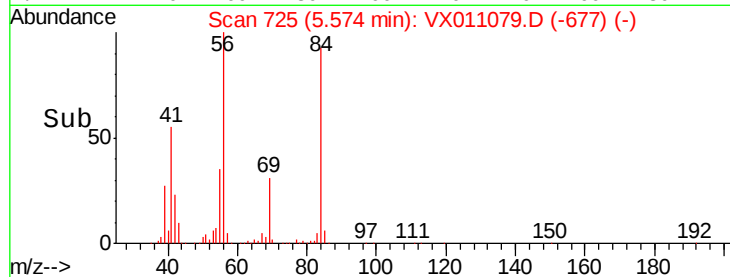
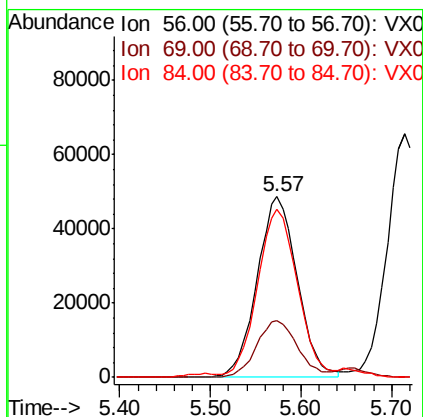
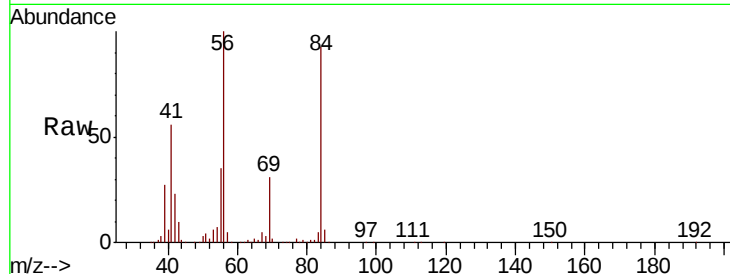




#31
Cyclohexane
Concen: 47.401 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

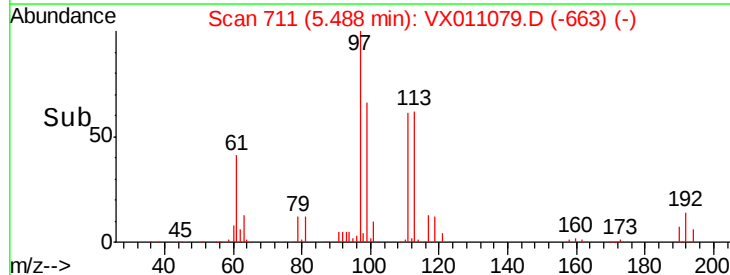
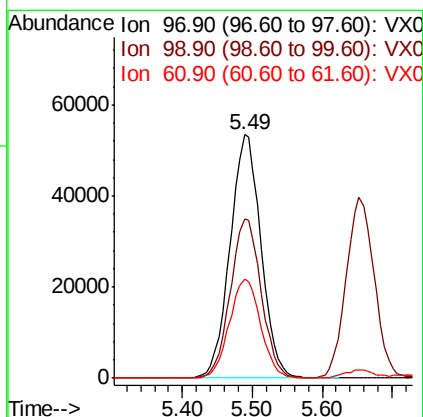
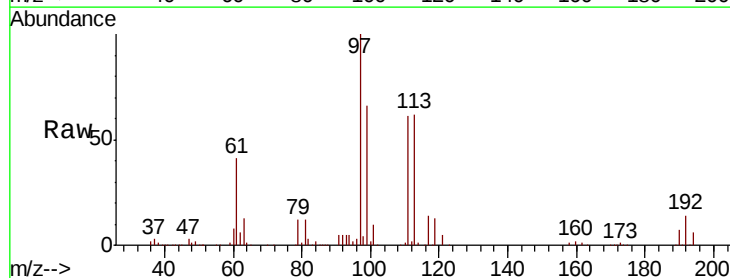
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

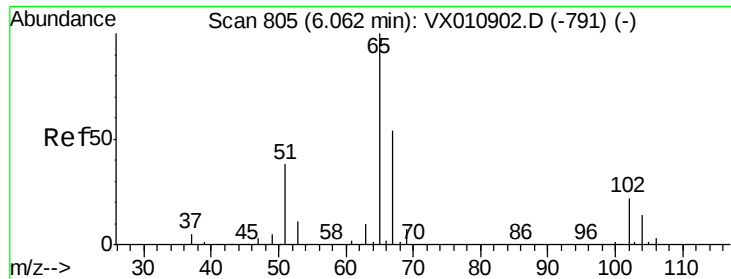
Tot Ion: 56 Resp: 148225
Ion Ratio Lower Upper
56 100
69 31.2 25.8 38.8
84 91.9 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 50.993 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 97 Resp: 163595
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 41.4 33.0 49.6

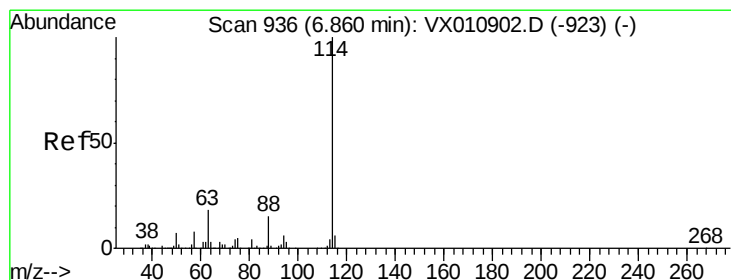
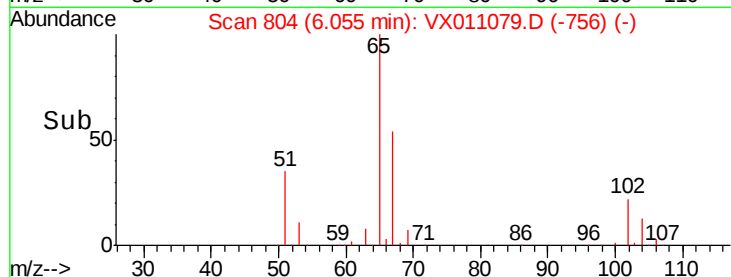
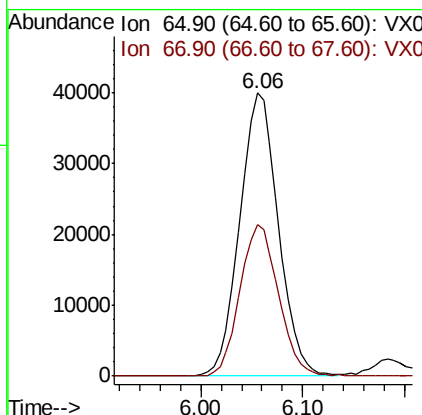
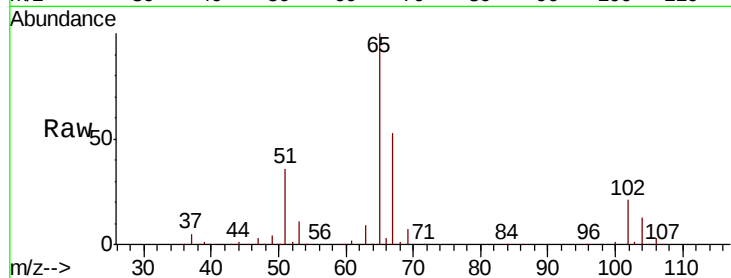




#33
 1,2-Dichloroethane-d4
 Concen: 45.645 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

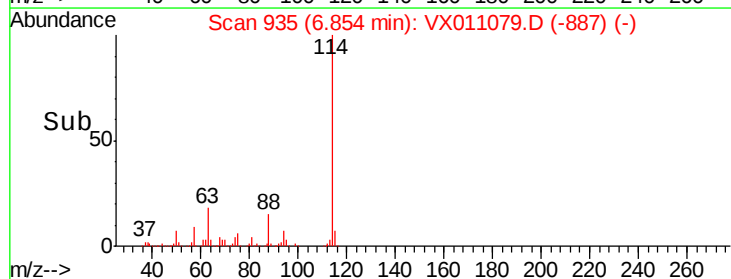
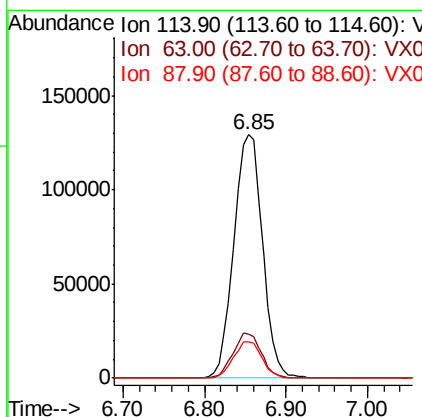
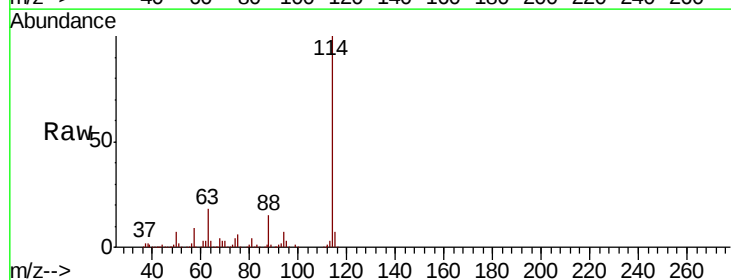
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

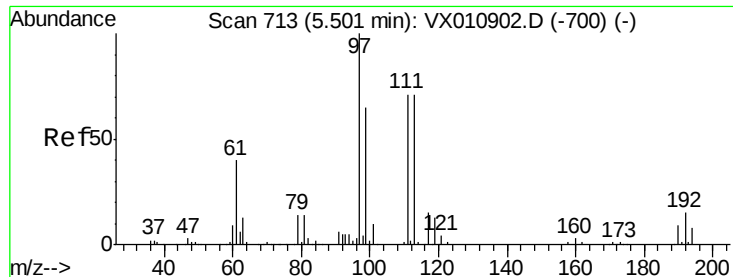
Tot Ion: 65 Resp: 105125
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion: 114 Resp: 313448
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 15.1 0.0 29.8

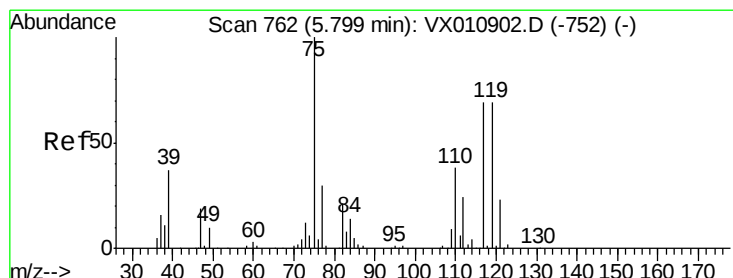
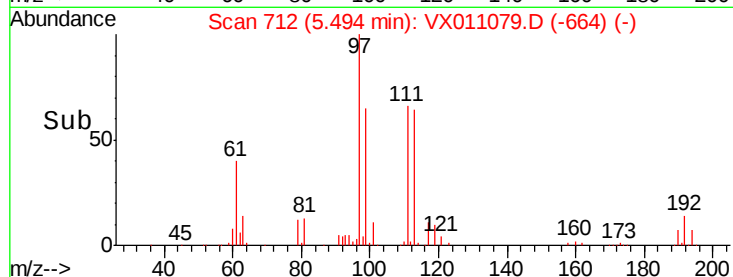
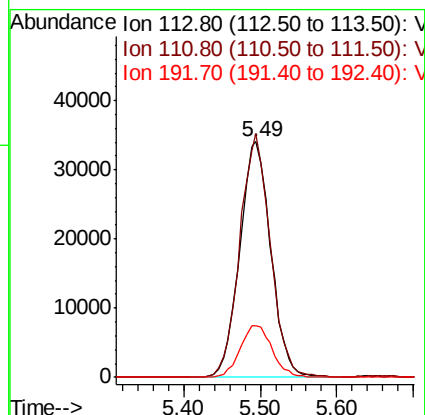
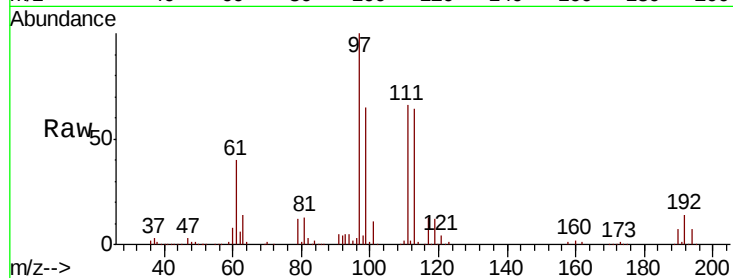




#35
 Dibromofluoromethane
 Concen: 48.352 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

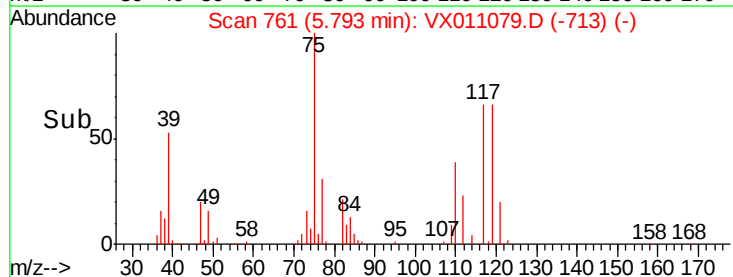
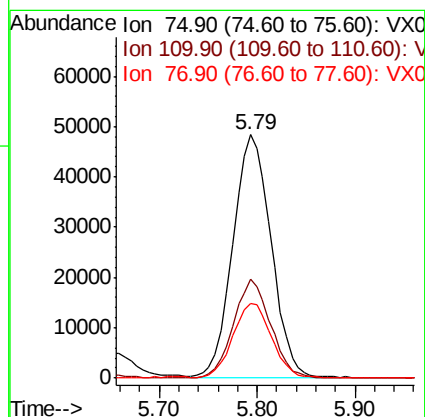
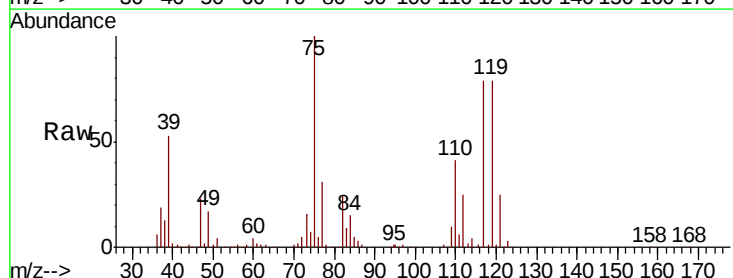
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

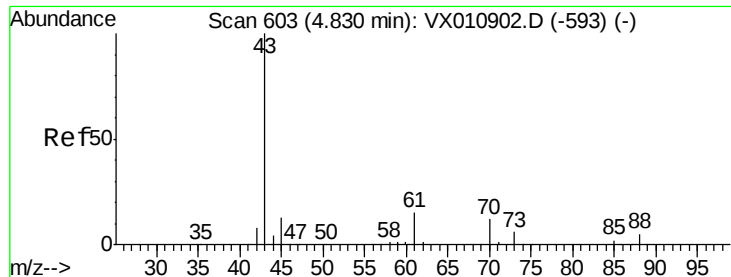
Tot Ion:113 Resp: 96197
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.3 123.5
 192 22.6 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 50.769 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion: 75 Resp: 130715
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.9 59.7
 77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 48.957 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

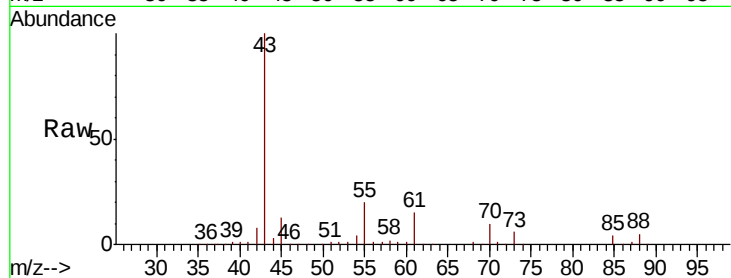
Tot Ion: 43 Resp: 129069

Ion Ratio Lower Upper

43 100

61 14.9 11.6 17.4

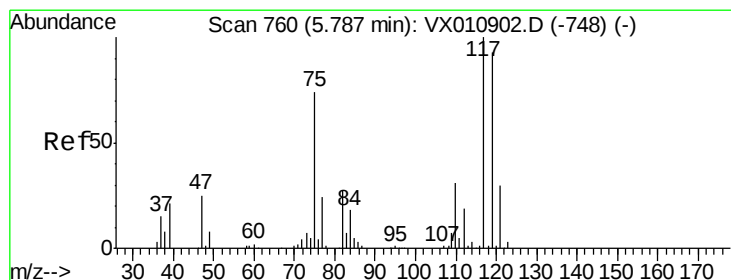
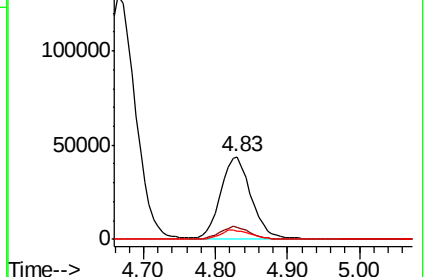
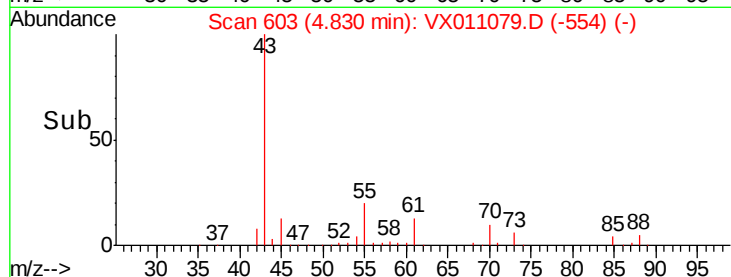
70 11.3 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 53.887 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

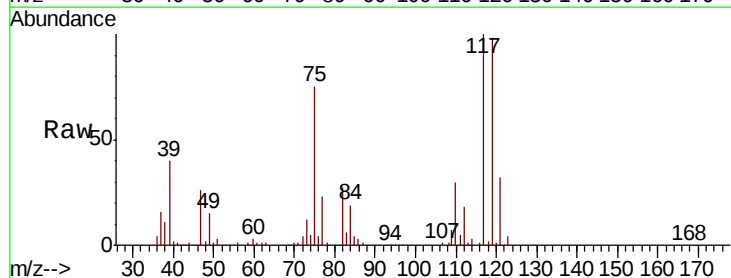
Tgt Ion: 117 Resp: 144574

Ion Ratio Lower Upper

117 100

119 98.1 74.2 111.2

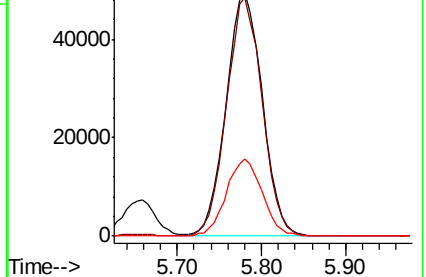
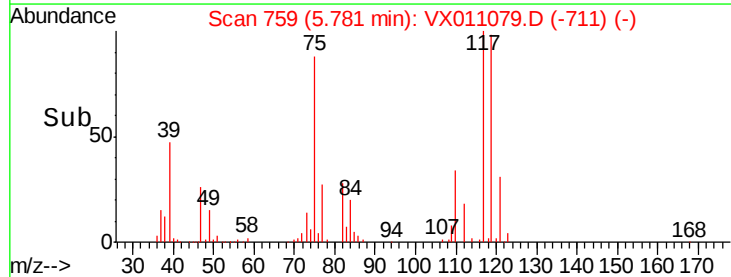
121 31.8 24.2 36.2

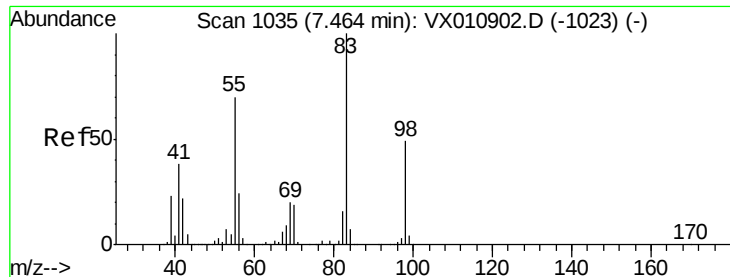


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

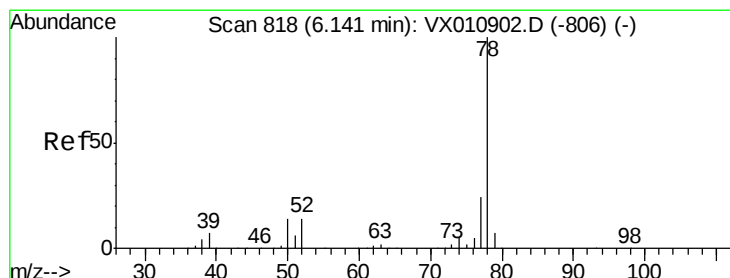
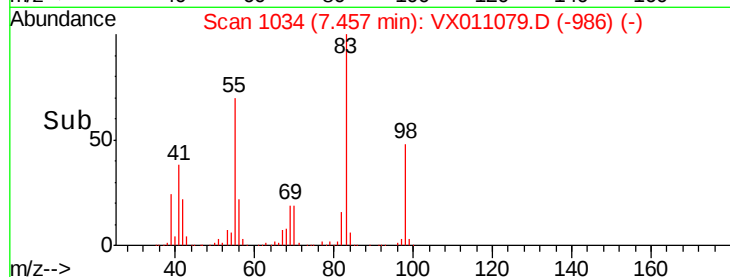
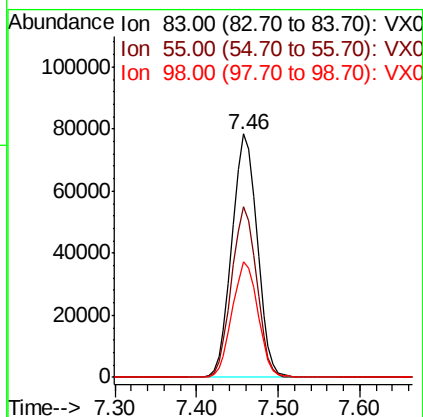
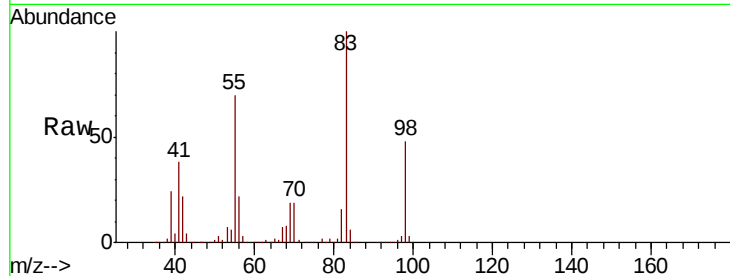




#39
Methvlcvclohexane
Concen: 50.329 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

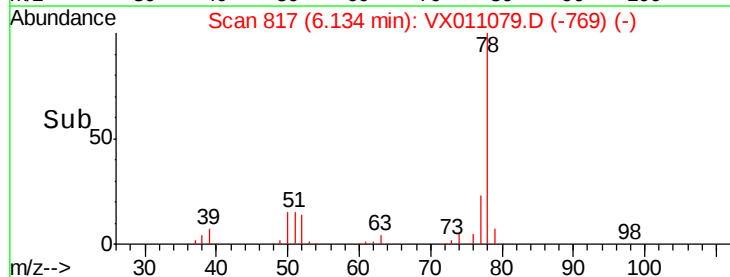
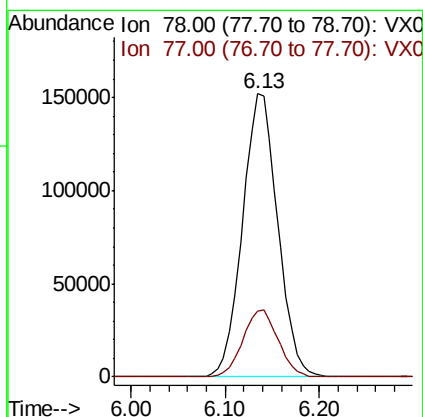
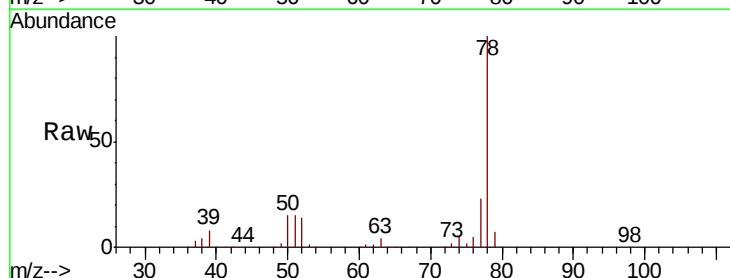
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

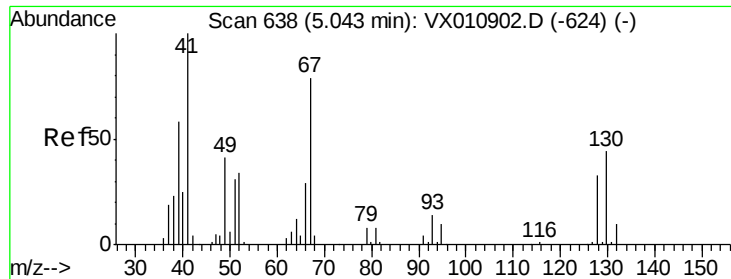
Tot Ion: 83 Resp: 168042
Ion Ratio Lower Upper
83 100
55 69.9 56.2 84.4
98 47.6 39.0 58.4



#40
Benzene
Concen: 50.570 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 78 Resp: 398836
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

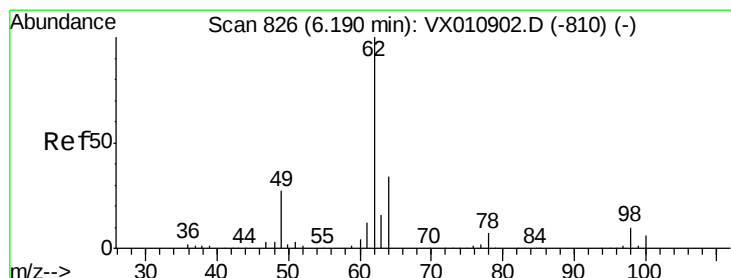
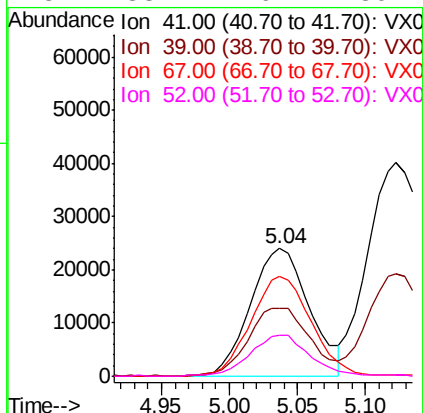
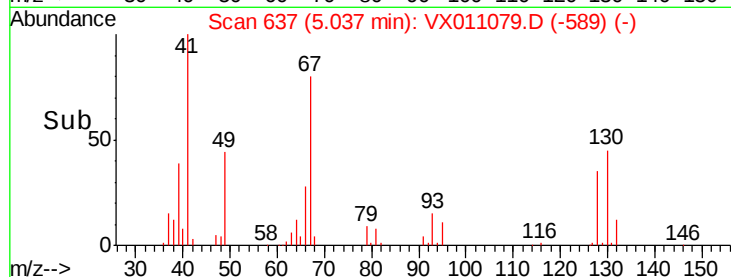
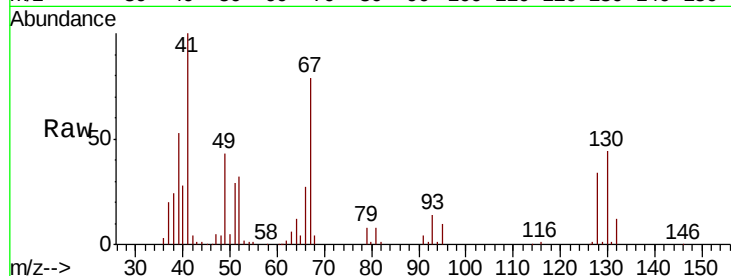




#41
Methacrylonitrile
Concen: 48.454 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

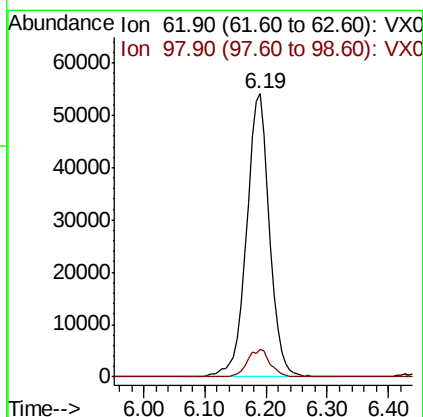
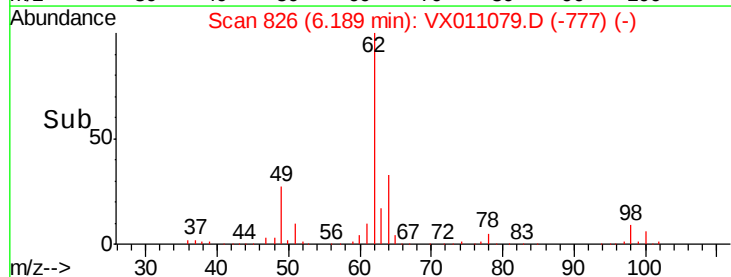
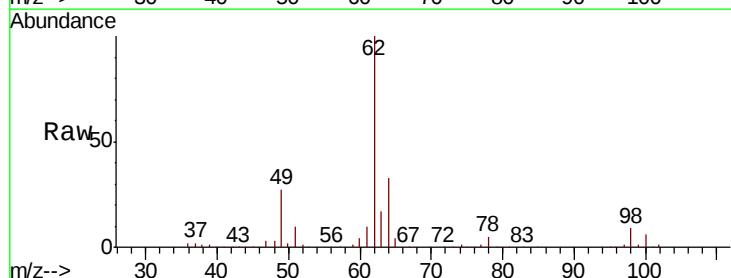
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

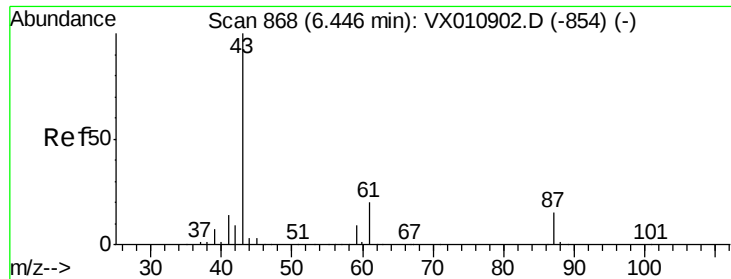
Tot Ion:	41	Resp:	72518
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.4	68.2
67	80.9	65.9	98.9
52	33.1	26.2	39.2



#42
1,2-Dichloroethane
Concen: 51.795 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion:	62	Resp:	142033
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 50.381 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

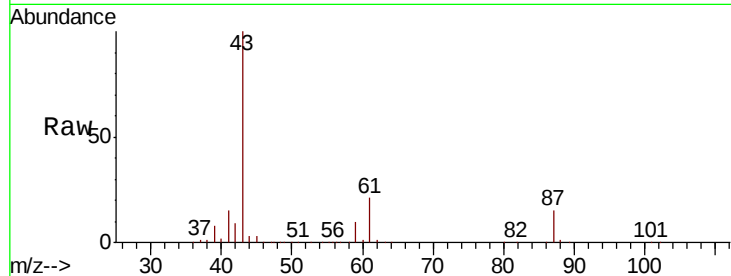
Tot Ion: 43 Resp: 218406

Ion Ratio Lower Upper

43 100

61 20.3 17.1 25.7

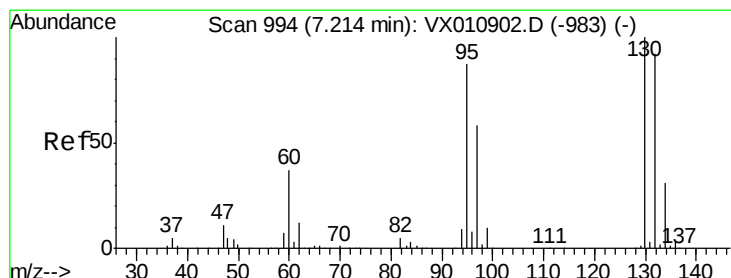
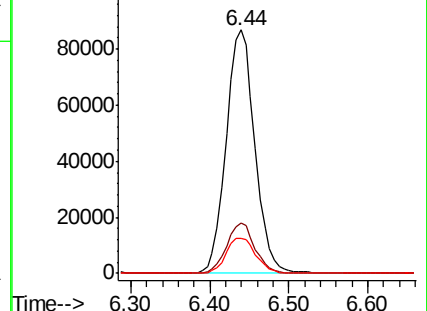
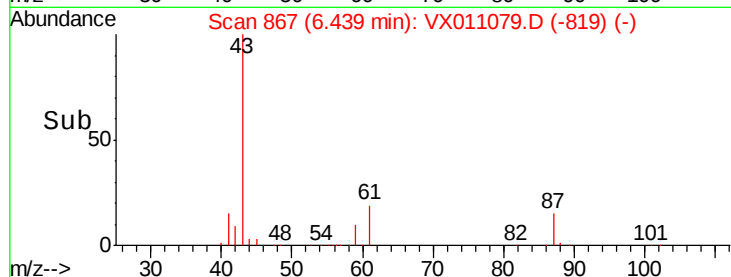
87 15.3 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX011079.D (-819) (-)

Ion 61.00 (60.70 to 61.70): VX011079.D (-819) (-)

Ion 87.00 (86.70 to 87.70): VX011079.D (-819) (-)



#44

Trichloroethene

Concen: 50.537 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX011079.D

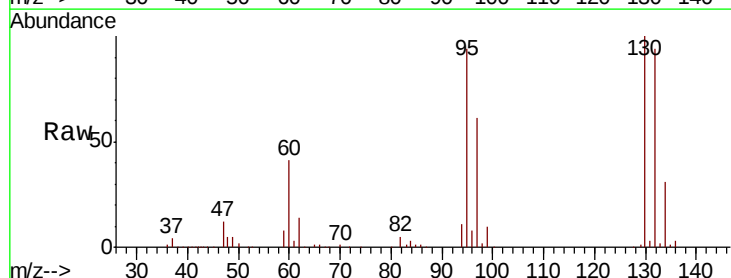
Acq: 26 Jul 2019 10:15

Tgt Ion:130 Resp: 117981

Ion Ratio Lower Upper

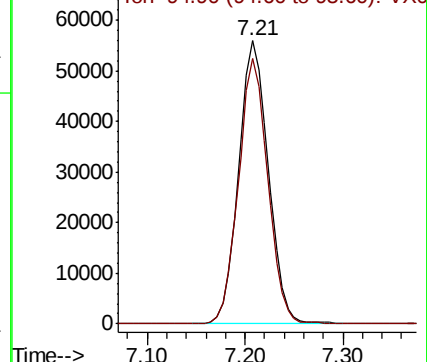
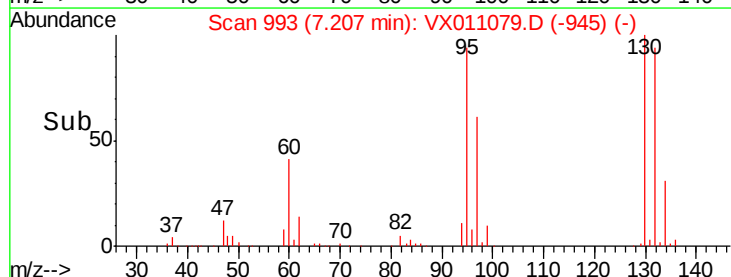
130 100

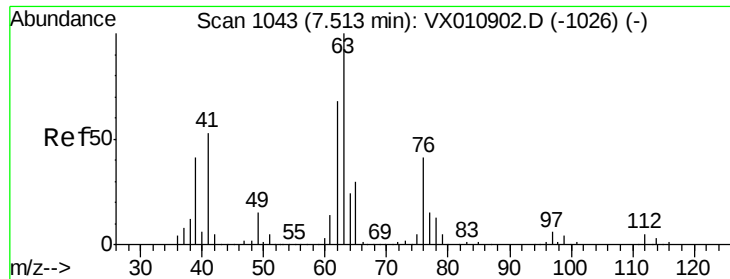
95 94.0 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): VX011079.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX011079.D (-945) (-)





#45

1,2-Dichloropropane

Concen: 51.045 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

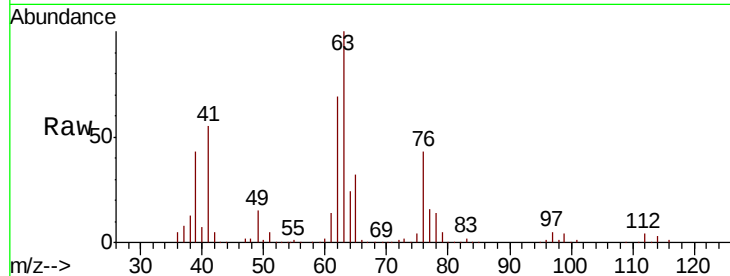
VSTDCCC050

Tot Ion: 63 Resp: 102465

Ion Ratio Lower Upper

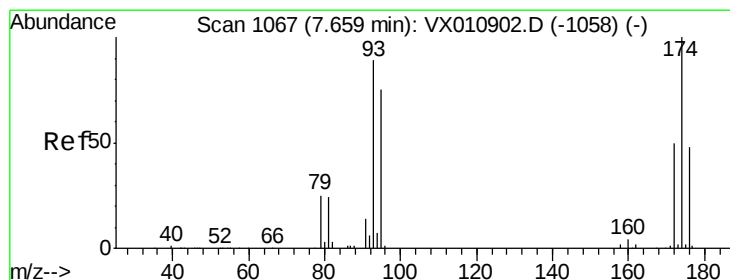
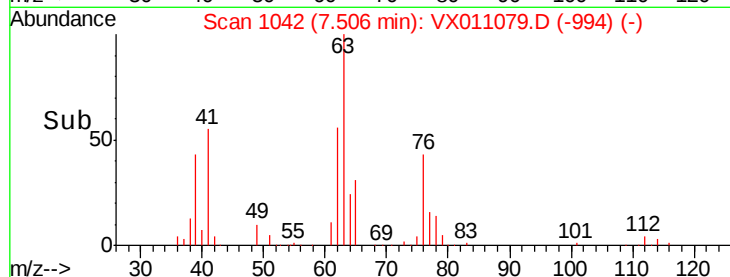
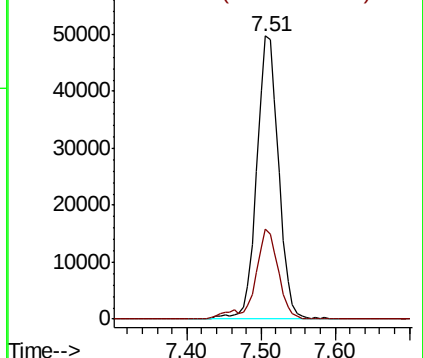
63 100

65 32.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.719 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

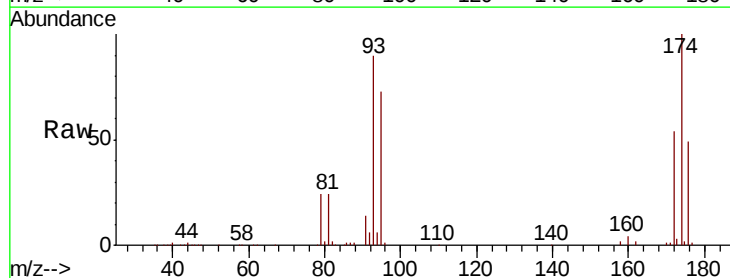
Tgt Ion: 93 Resp: 75619

Ion Ratio Lower Upper

93 100

95 81.4 67.2 100.8

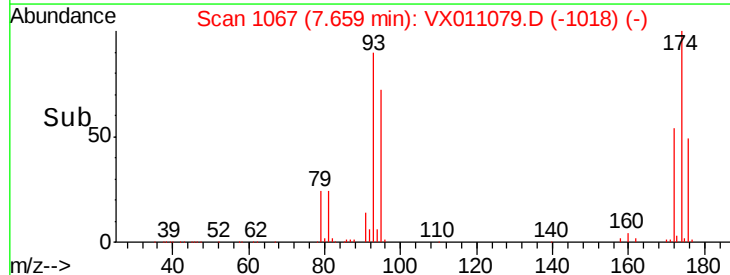
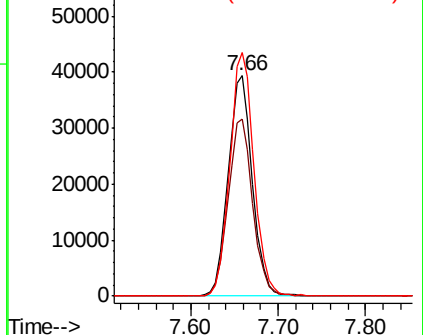
174 110.8 90.6 135.8

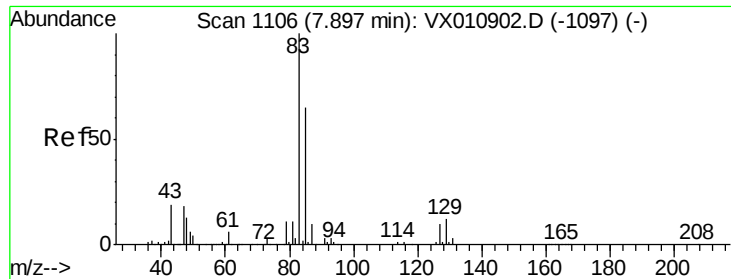


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.637 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

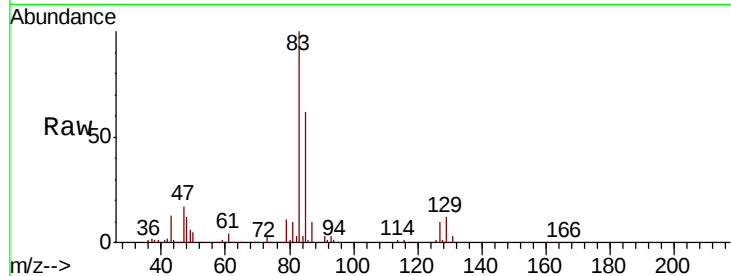
Tot Ion: 83 Resp: 139505

Ion Ratio Lower Upper

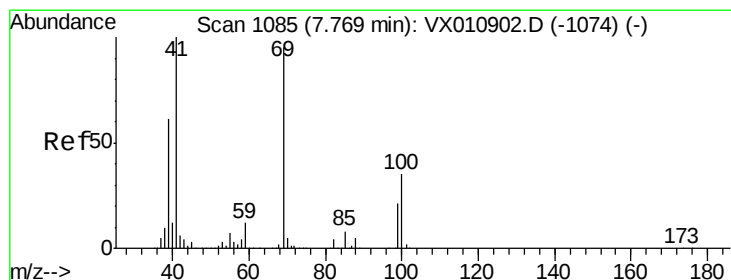
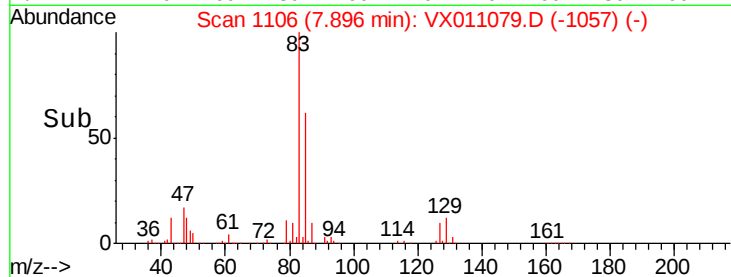
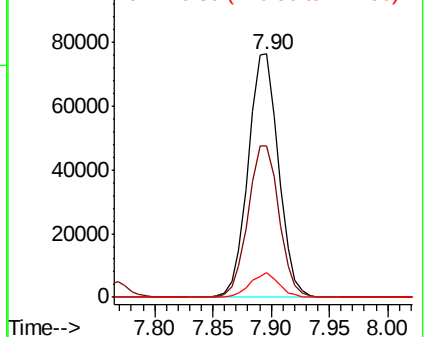
83 100

85 62.3 52.5 78.7

127 10.4 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.469 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

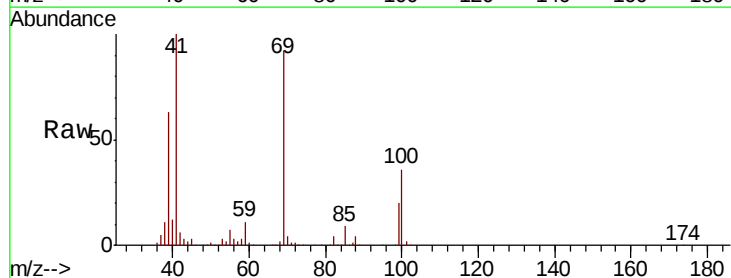
Tgt Ion: 41 Resp: 106582

Ion Ratio Lower Upper

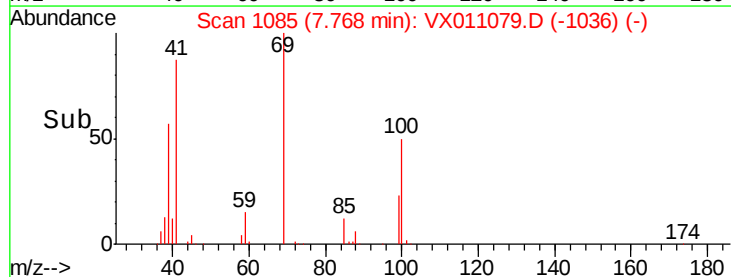
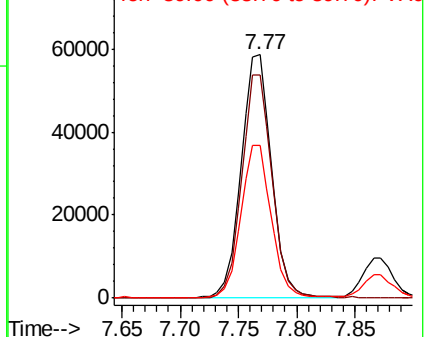
41 100

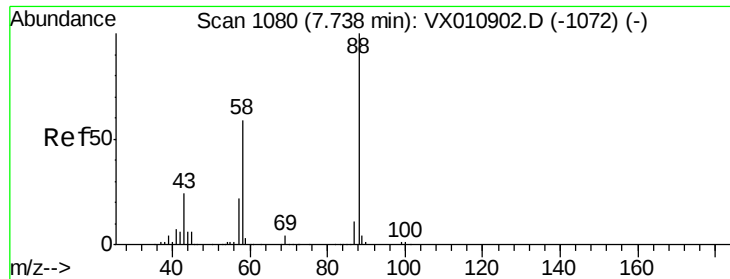
69 91.6 74.4 111.6

39 62.6 48.9 73.3



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

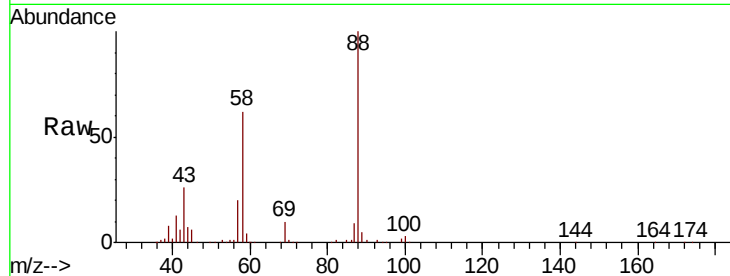




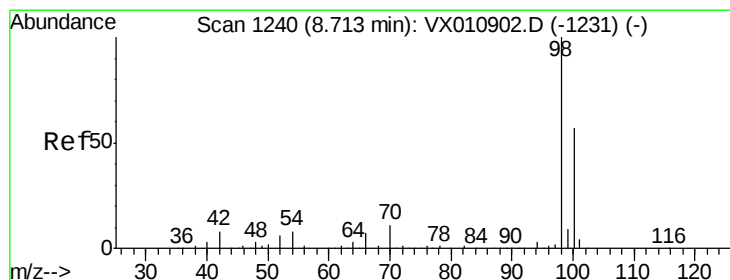
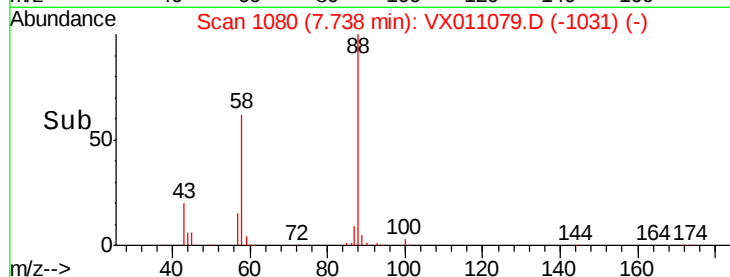
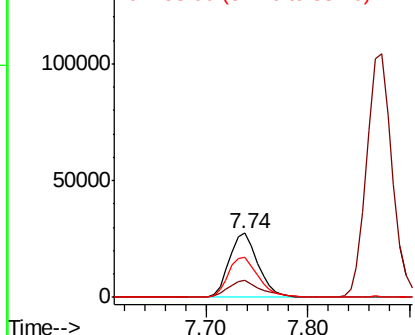
#49
 1,4-Dioxane
 Concen: 920.562 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	54380
Ion	Ratio	Lower	Upper
88	100		
43	30.1	22.9	34.3
58	64.6	49.8	74.8

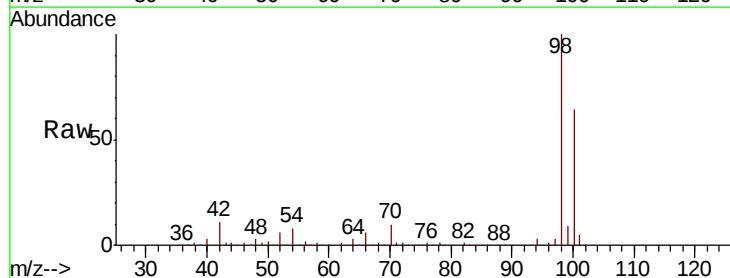


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

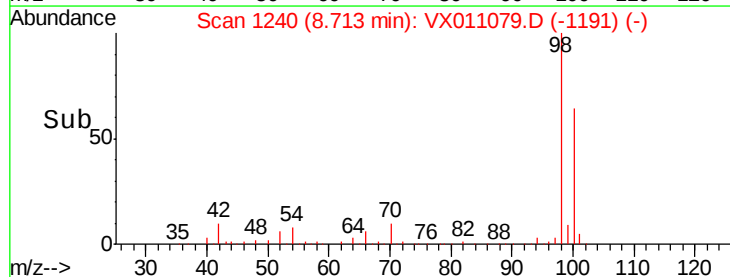
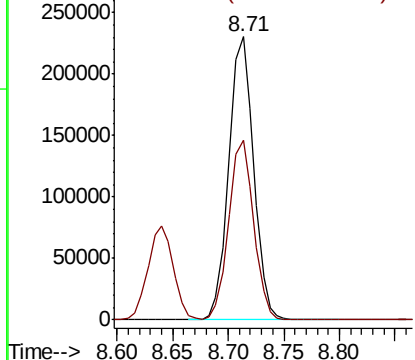


#50
 Toluene-d8
 Concen: 47.839 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion	98	Resp	356970
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

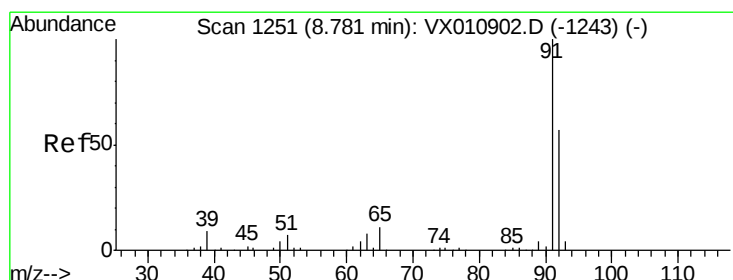
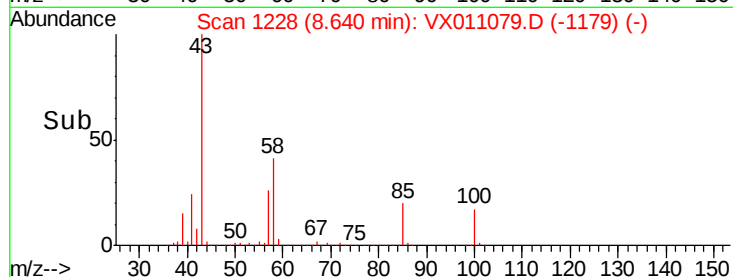
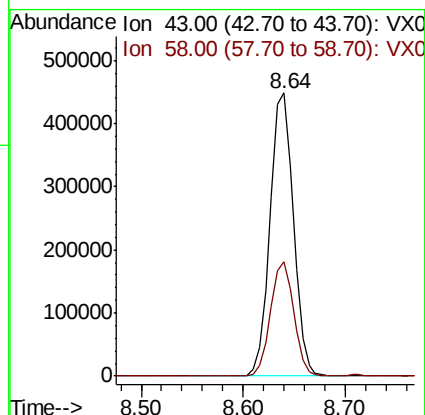
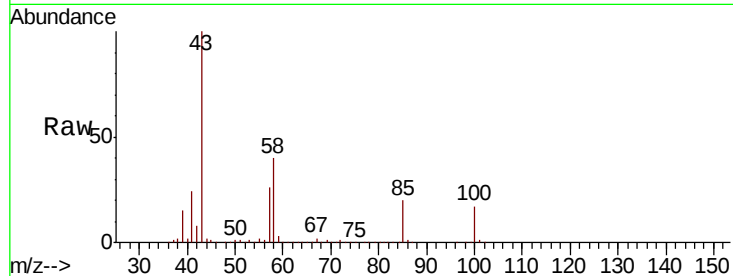




#51
 4-Methyl-2-Pentanone
 Concen: 253.416 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

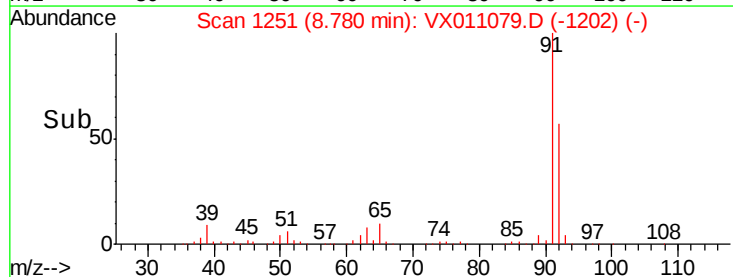
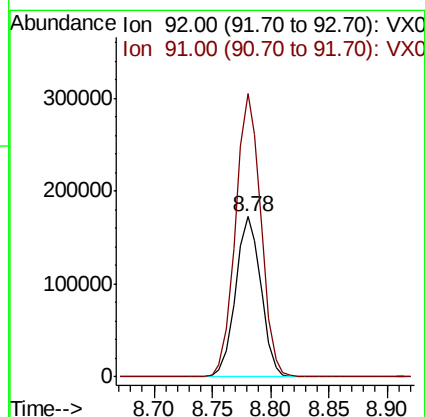
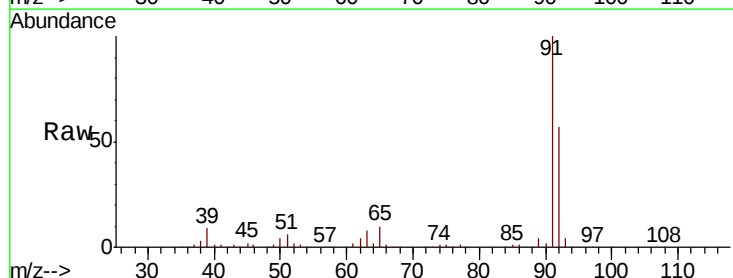
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

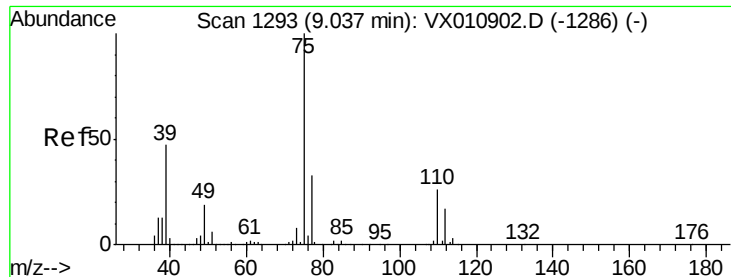
Tot Ion: 43 Resp: 712136
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.2 48.4



#52
 Toluene
 Concen: 50.720 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion: 92 Resp: 262784
 Ion Ratio Lower Upper
 92 100
 91 176.3 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 55.466 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

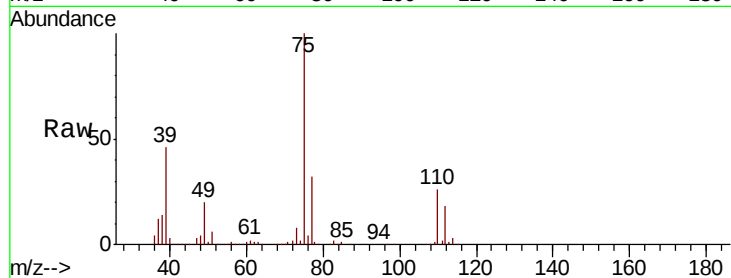
VSTDCCC050

Tot Ion: 75 Resp: 152281

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

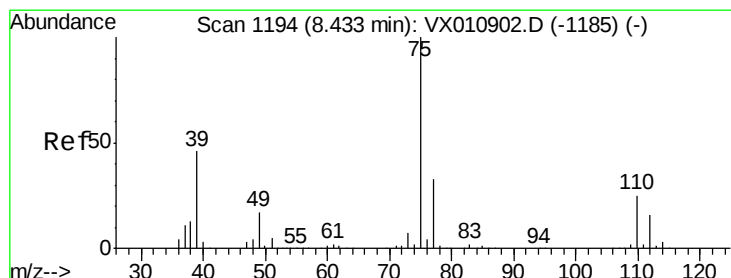
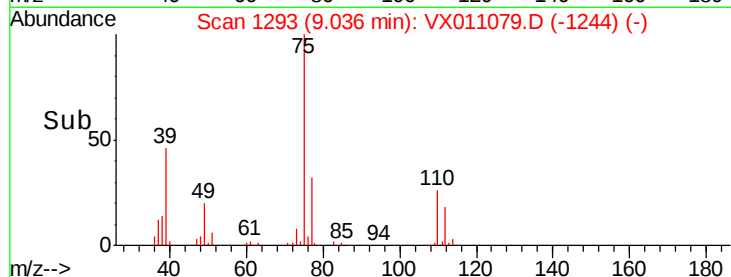
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.397 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

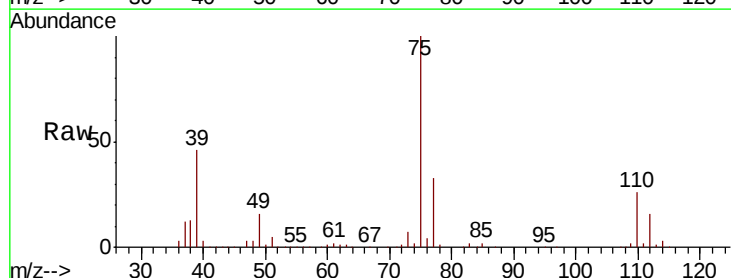
Tgt Ion: 75 Resp: 166180

Ion Ratio Lower Upper

75 100

77 32.8 26.1 39.1

39 45.9 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

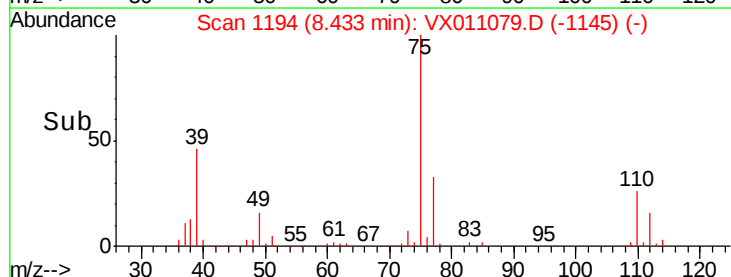
8.43

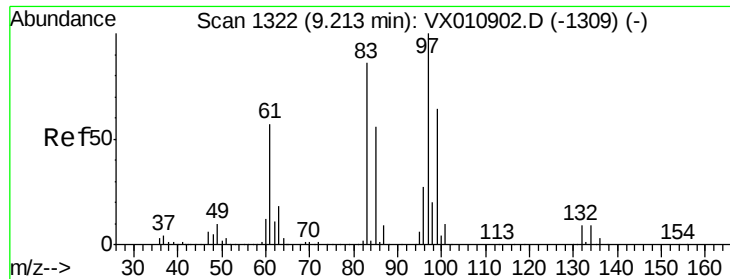
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.327 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 111628

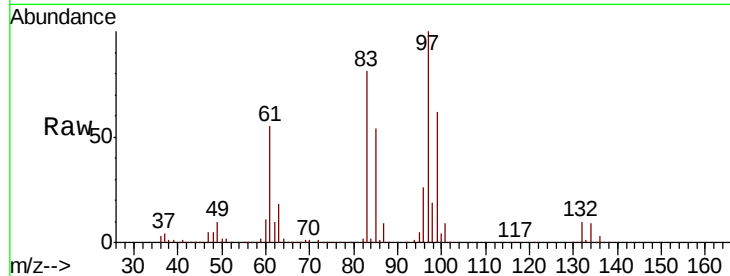
Ion Ratio Lower Upper

97 100

83 81.0 69.2 103.8

85 53.7 44.6 66.8

99 61.7 51.2 76.8

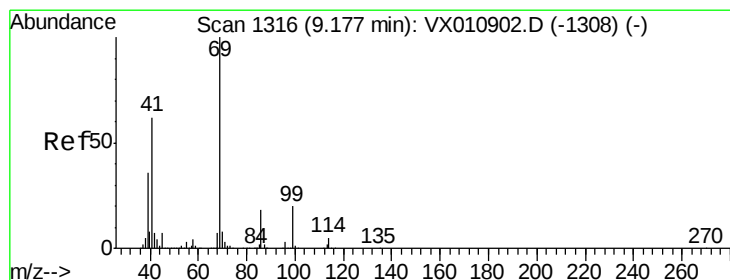
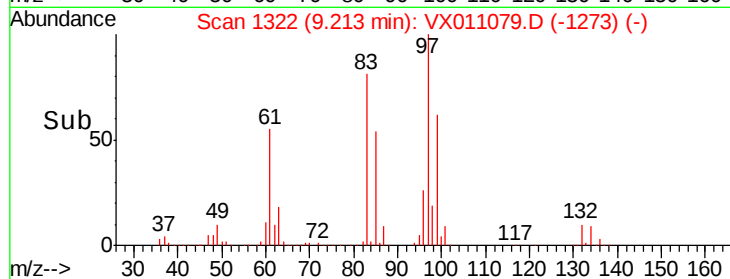
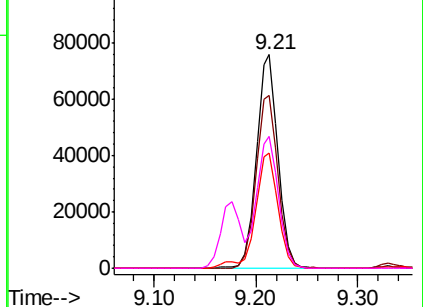


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.979 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

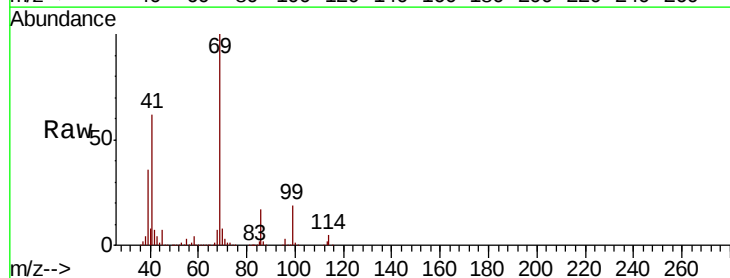
Tgt Ion: 69 Resp: 168442

Ion Ratio Lower Upper

69 100

41 62.1 49.7 74.5

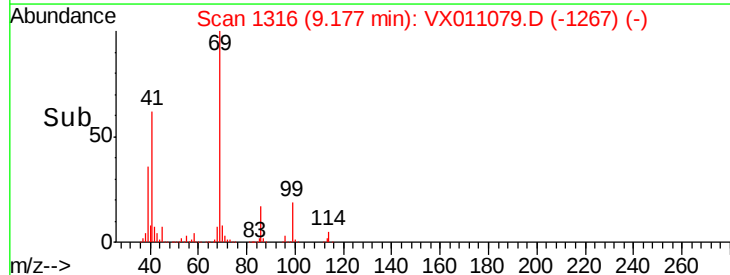
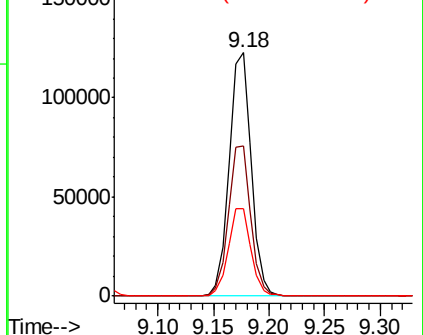
39 36.6 29.6 44.4

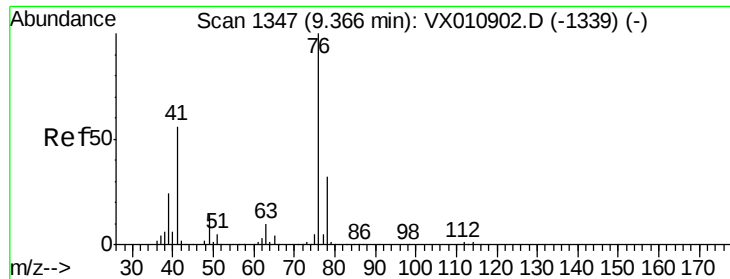


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.795 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

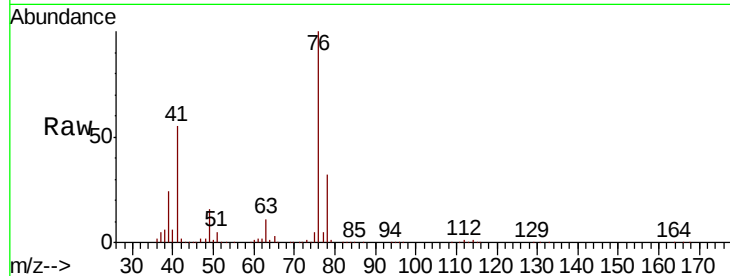
VSTDCCC050

Tot Ion: 76 Resp: 175285

Ion Ratio Lower Upper

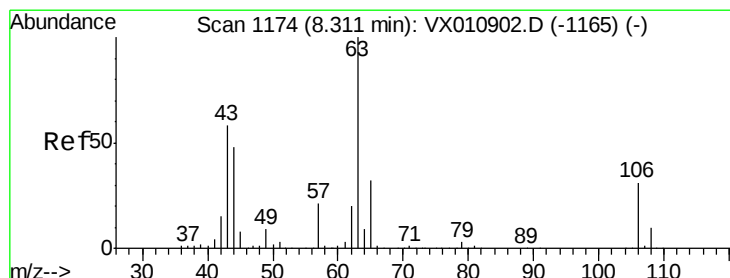
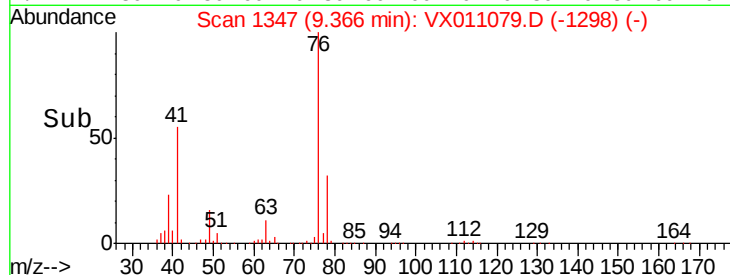
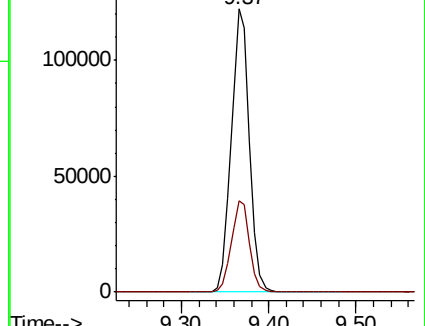
76 100

78 32.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 262.396 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011079.D

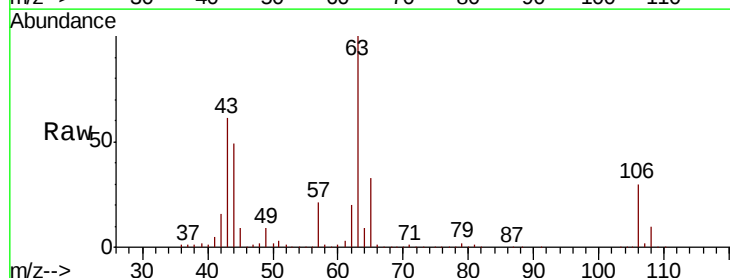
Acq: 26 Jul 2019 10:15

Tgt Ion: 63 Resp: 390866

Ion Ratio Lower Upper

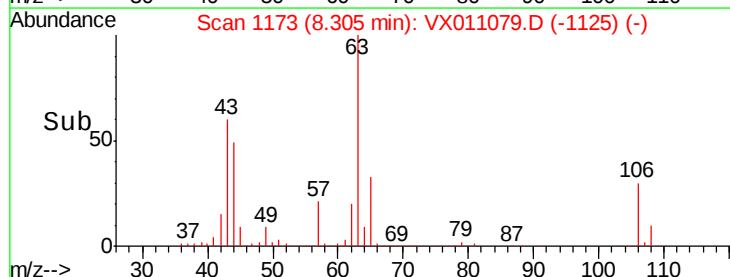
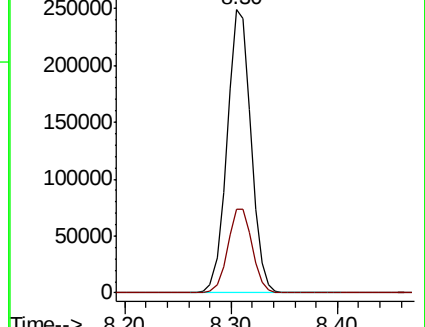
63 100

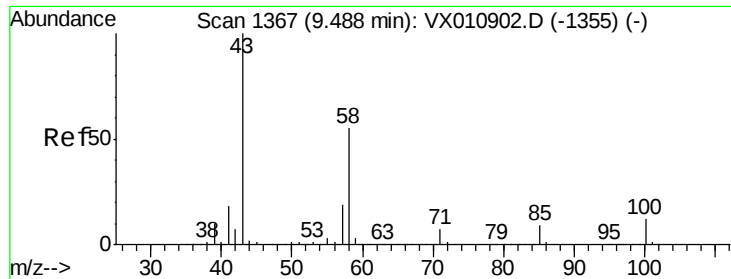
106 30.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

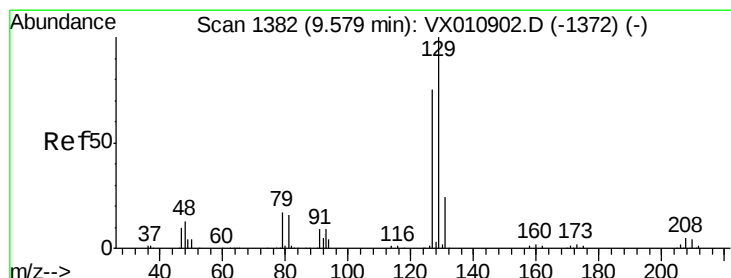
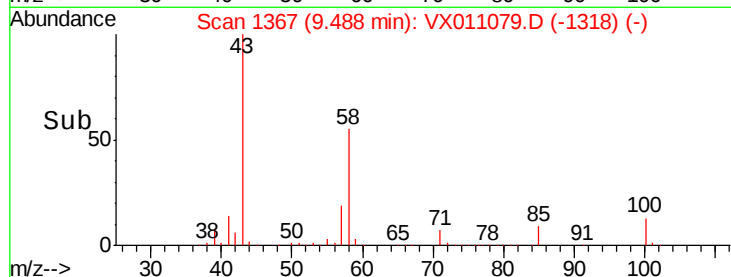
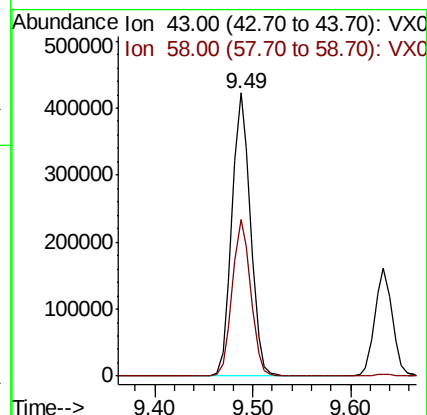
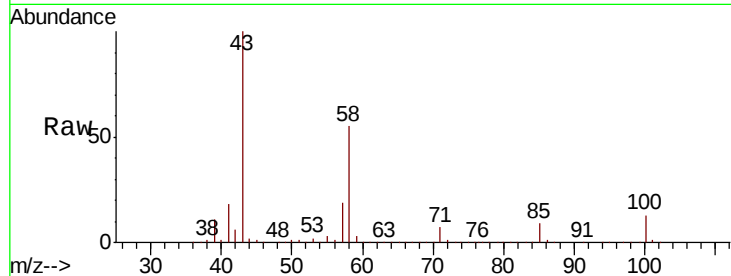




#59
2-Hexanone
Concen: 255.838 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

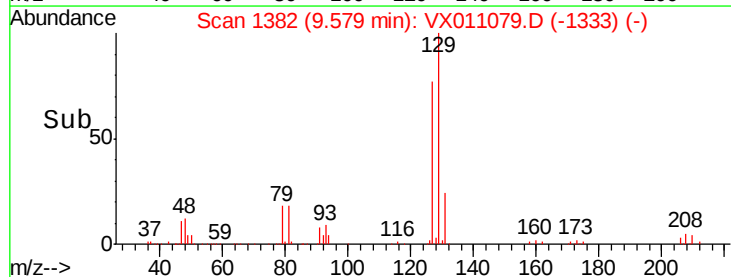
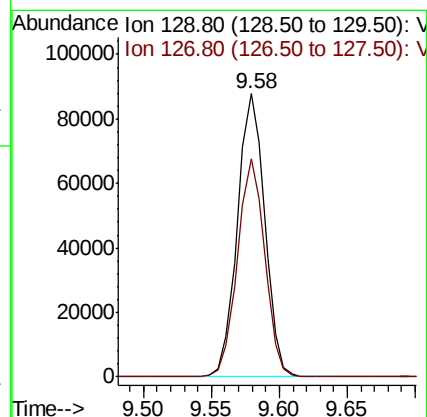
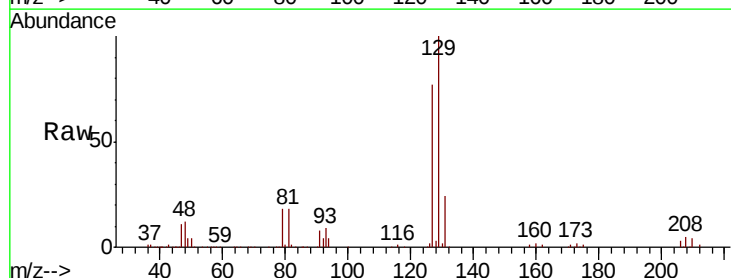
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 557624
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9



#60
Dibromochloromethane
Concen: 50.193 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 129 Resp: 123257
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.713 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

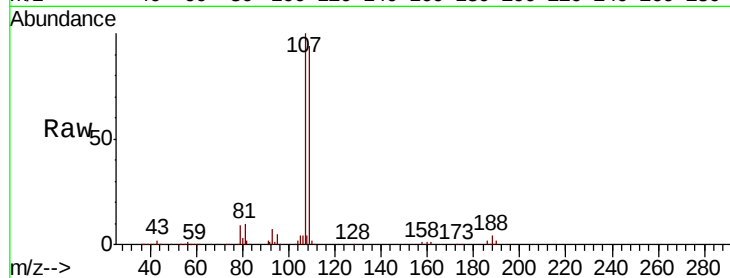
VSTDCCC050

Tot Ion:107 Resp: 117077

Ion Ratio Lower Upper

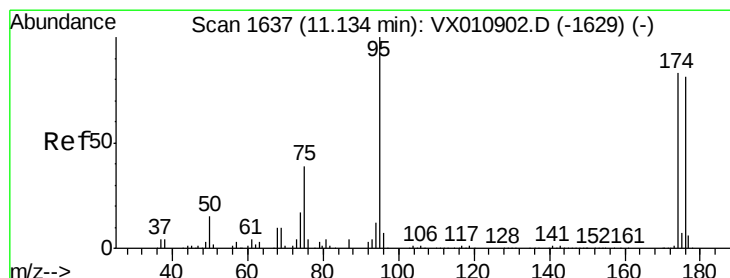
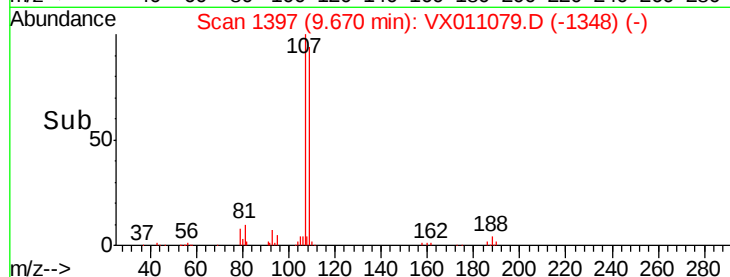
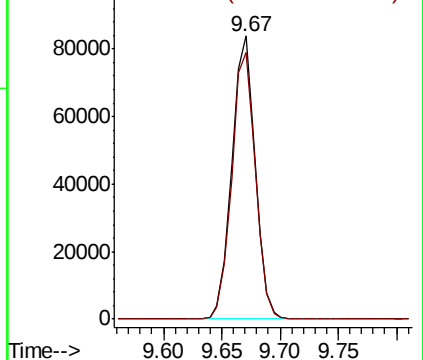
107 100

109 96.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.435 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

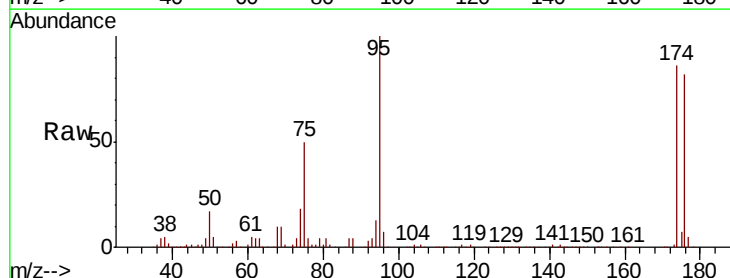
Tgt Ion: 95 Resp: 138333

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.6

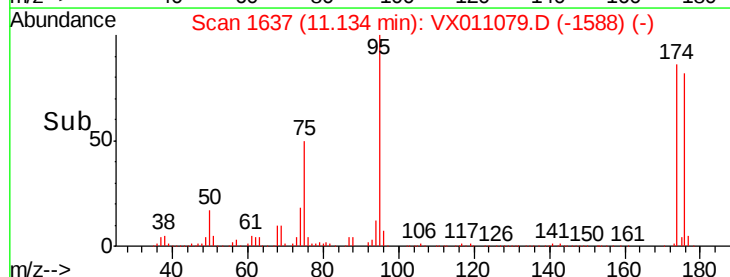
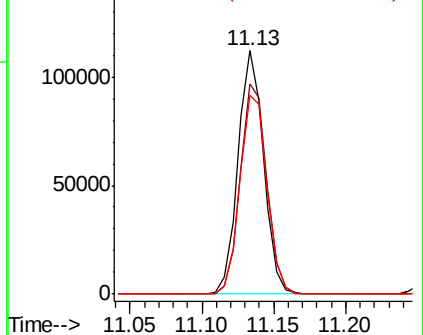
176 86.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

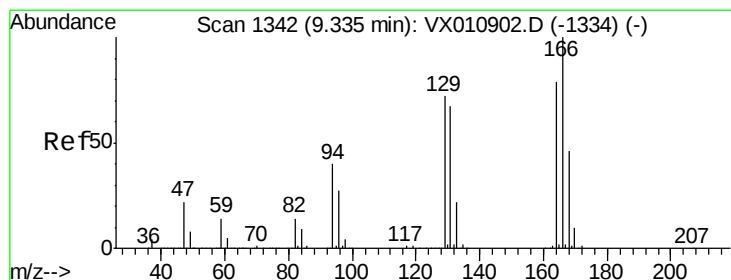
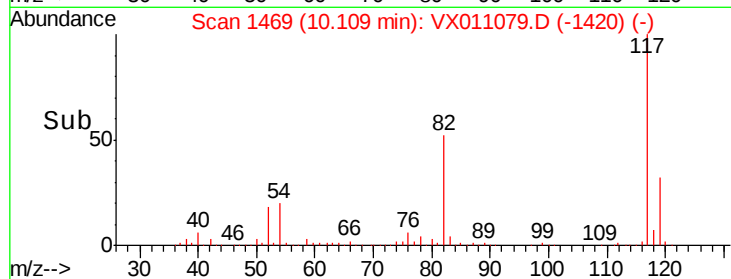
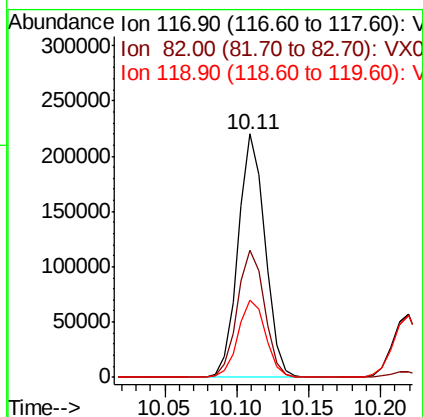
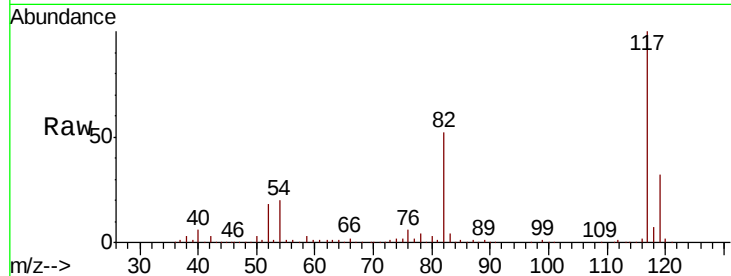




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

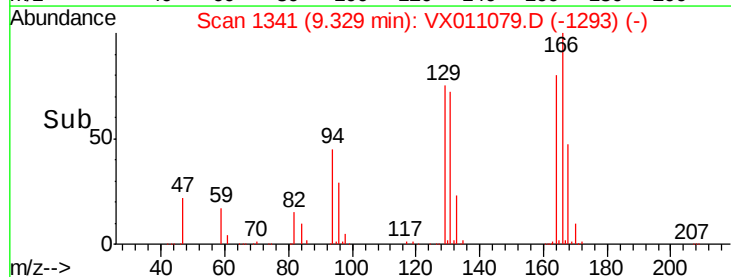
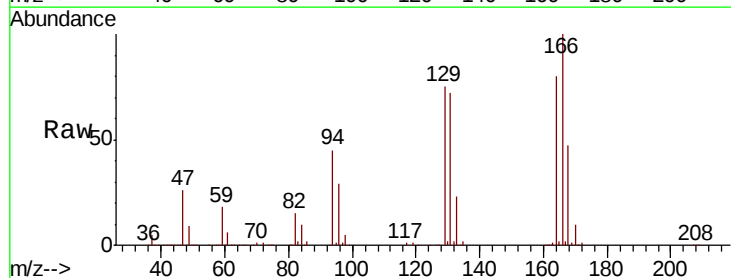
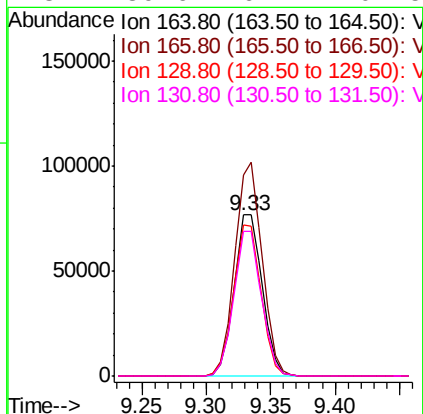
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

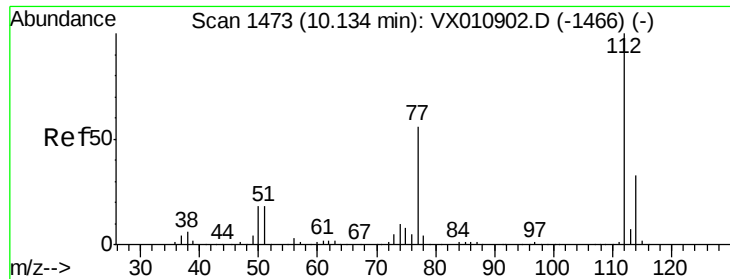
Tot Ion:117 Resp: 287147
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 51.462 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion:164 Resp: 116249
Ion Ratio Lower Upper
164 100
166 124.9 100.8 151.2
129 93.8 72.6 109.0
131 89.6 67.7 101.5

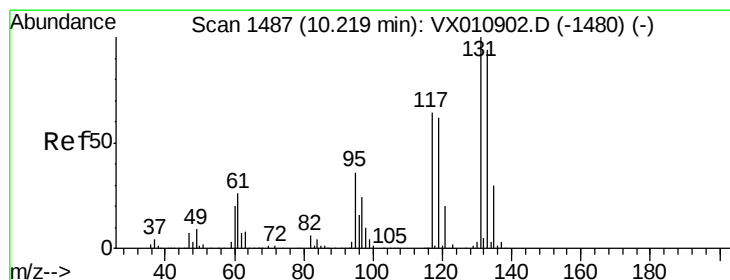
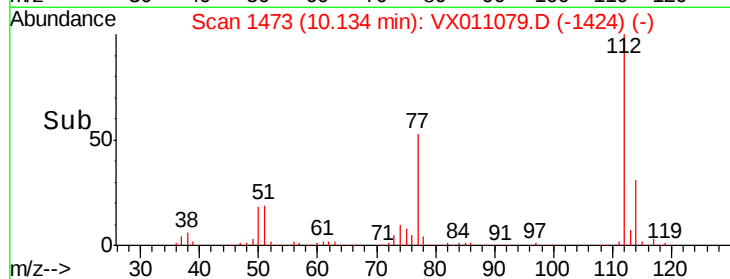
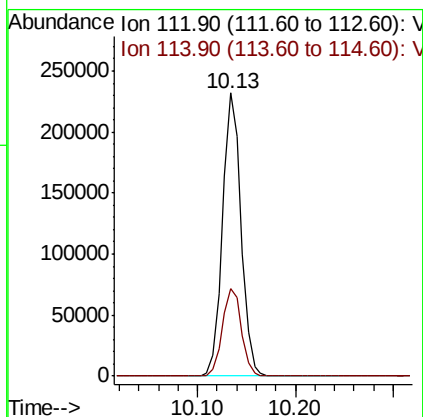
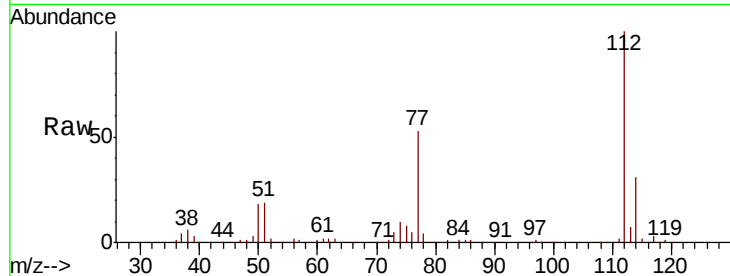




#65
Chlorobenzene
Concen: 51.410 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

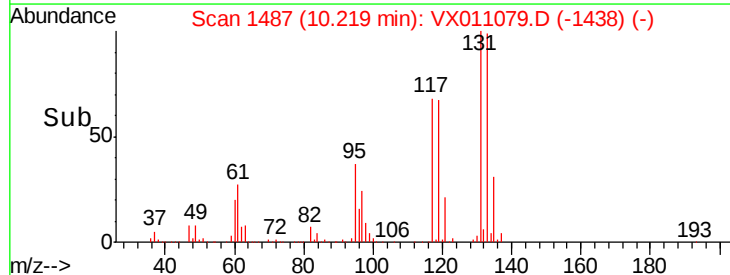
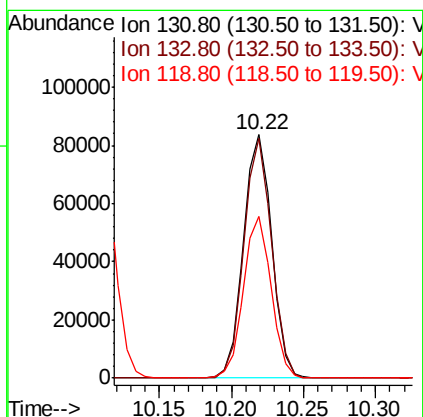
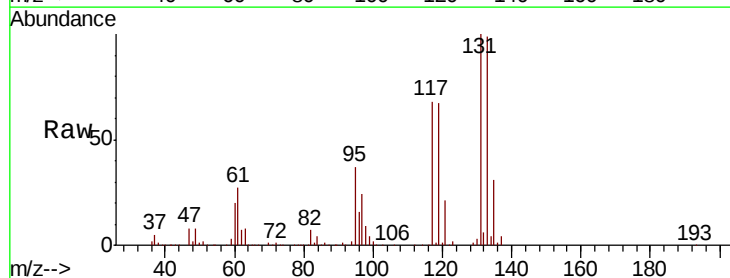
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

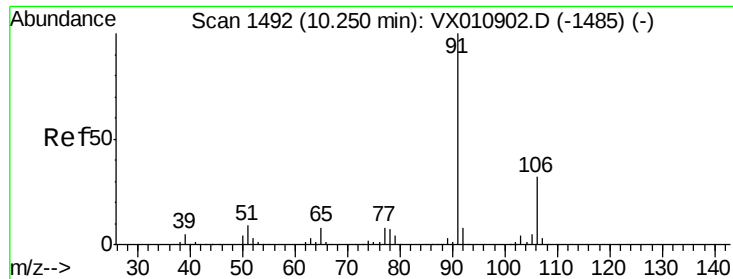
Tot Ion:112 Resp: 303206
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.885 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion:131 Resp: 113765
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 65.1 31.9 95.7

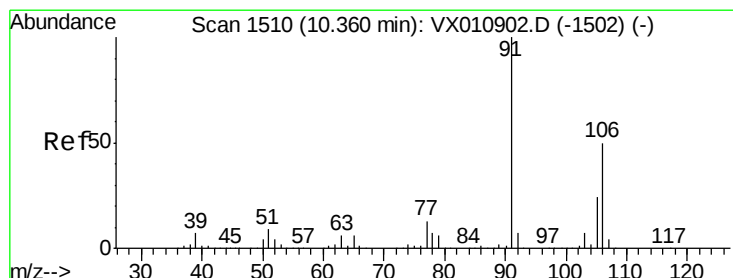
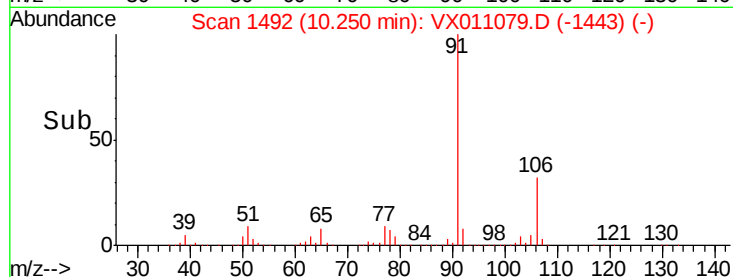
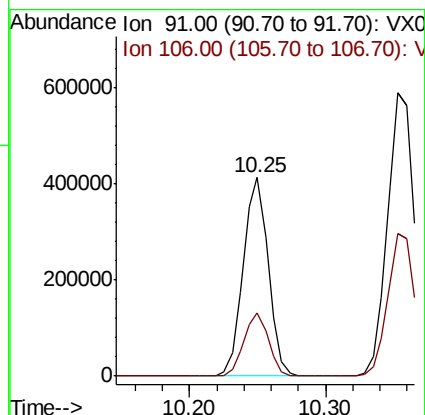
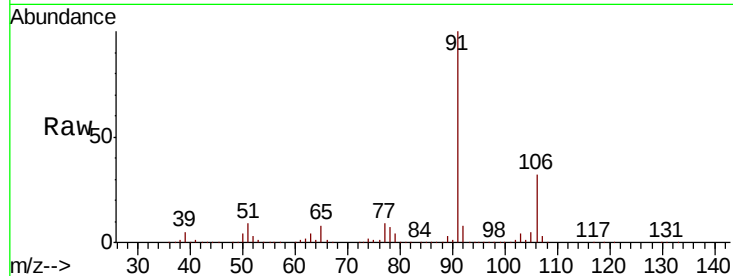




#67
Ethyl Benzene
Concen: 52.807 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

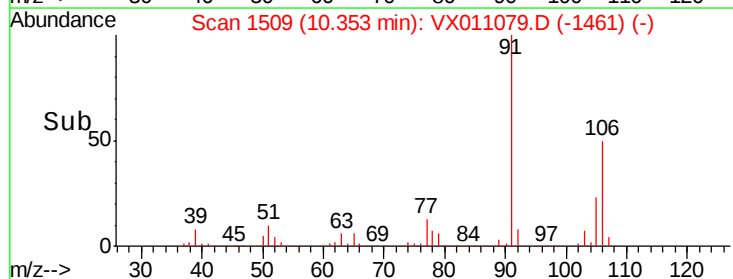
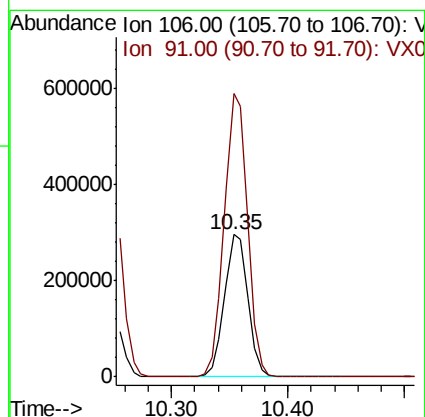
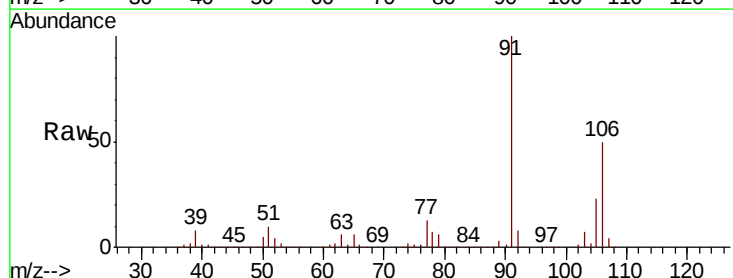
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

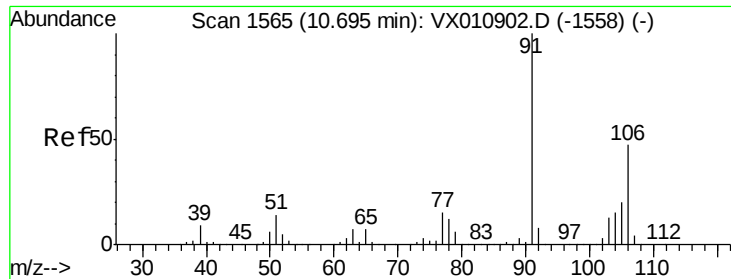
Tot Ion: 91 Resp: 530116
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 106.048 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 106 Resp: 408367
Ion Ratio Lower Upper
106 100
91 199.1 160.1 240.1

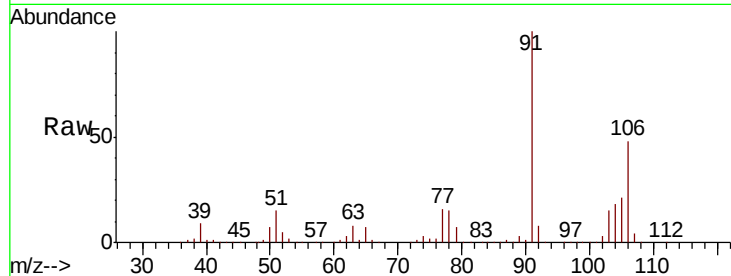




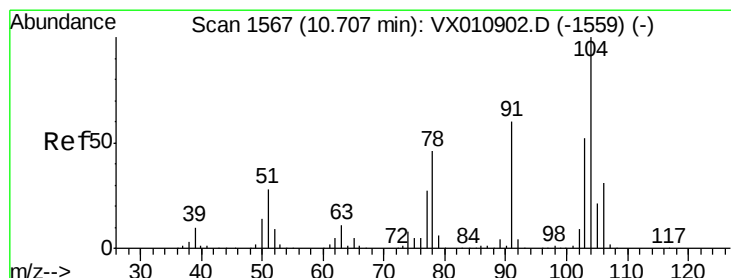
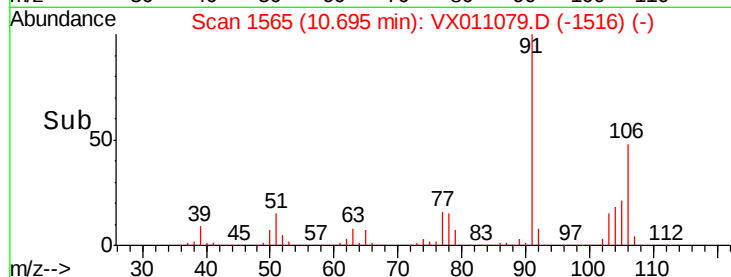
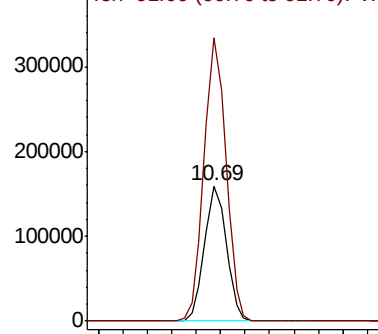
#69
o-Xylene
Concen: 52.608 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 197709
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.3

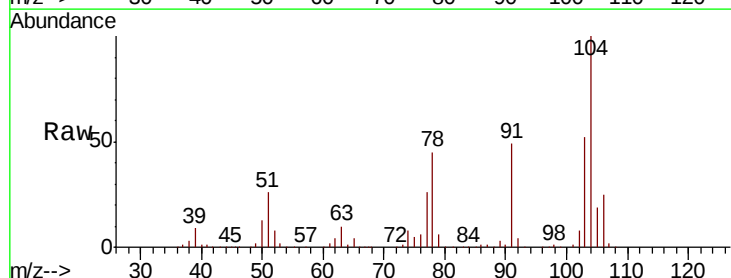


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

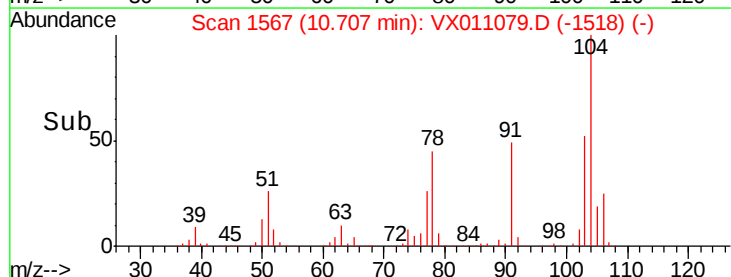
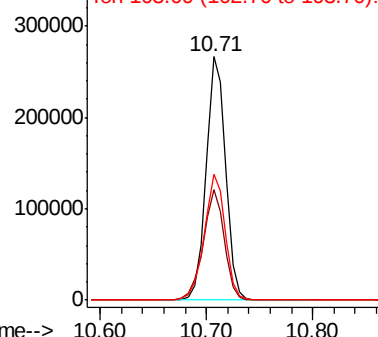


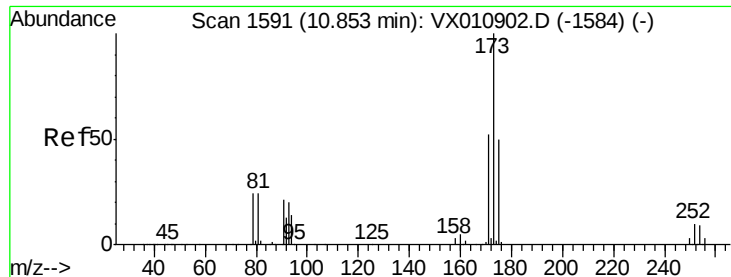
#70
Styrene
Concen: 54.606 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion:104 Resp: 342100
Ion Ratio Lower Upper
104 100
78 49.1 38.8 58.2
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 49.413 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

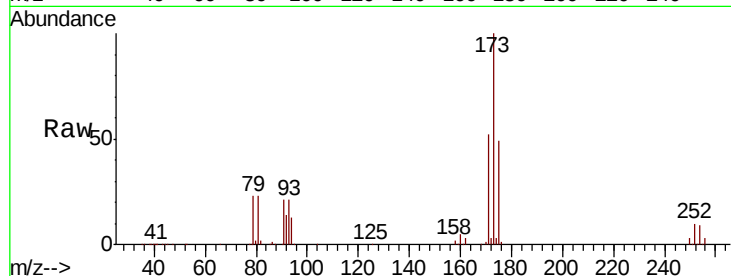
Tot Ion:173 Resp: 93198

Ion Ratio Lower Upper

173 100

175 49.9 24.6 73.6

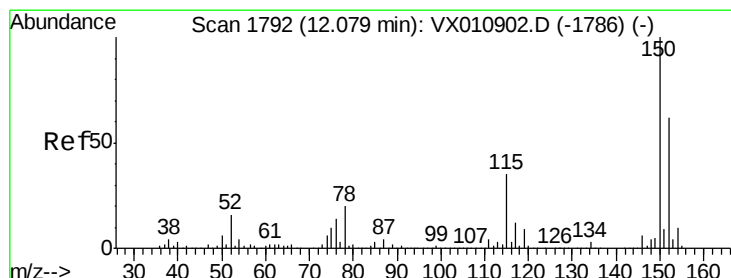
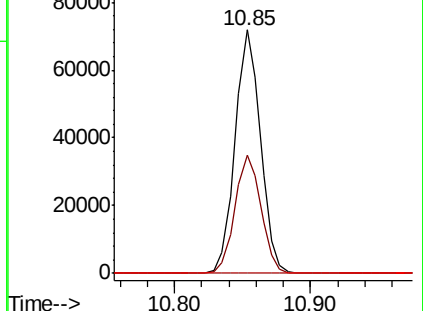
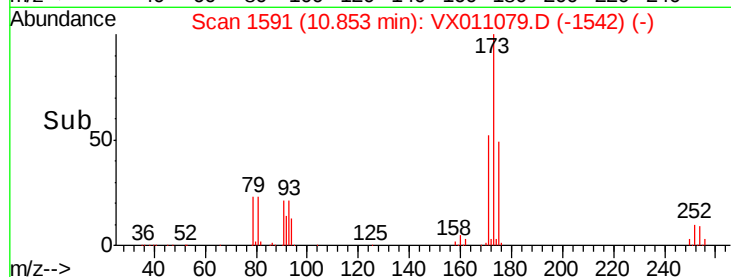
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

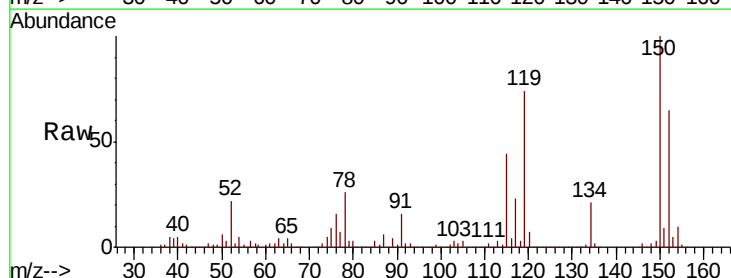
Tgt Ion:152 Resp: 158927

Ion Ratio Lower Upper

152 100

115 81.1 39.7 119.1

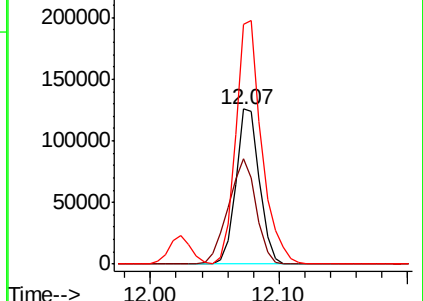
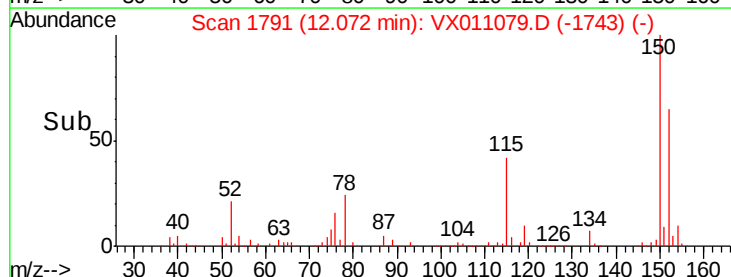
150 172.7 0.0 345.6

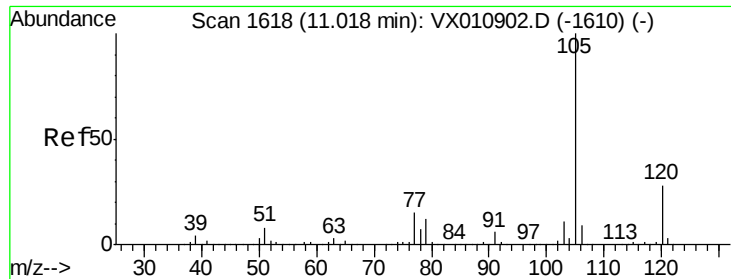


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.536 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

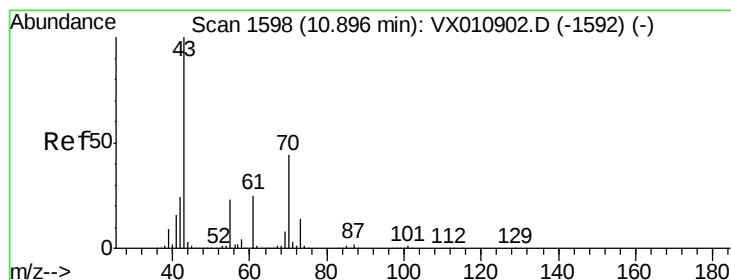
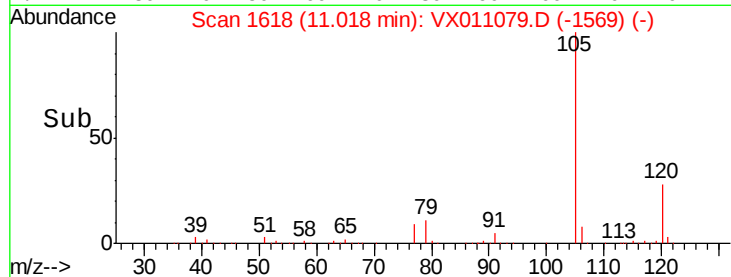
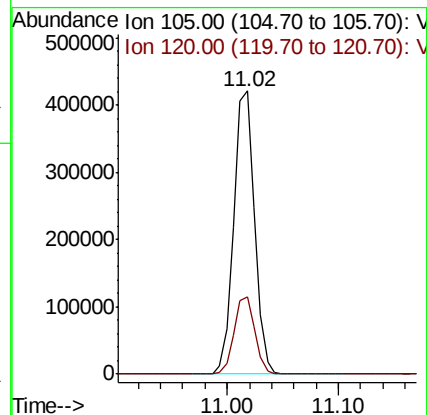
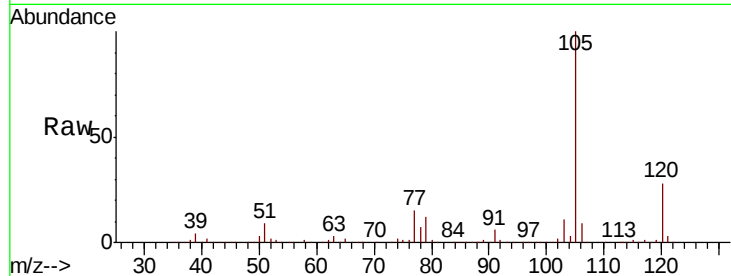
VSTDCCC050

Tot Ion:105 Resp: 542694

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 49.939 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion: 43 Resp: 204909

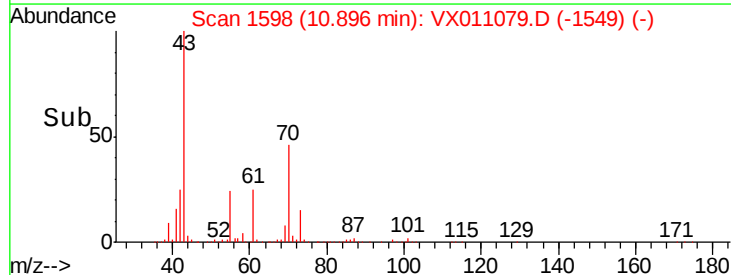
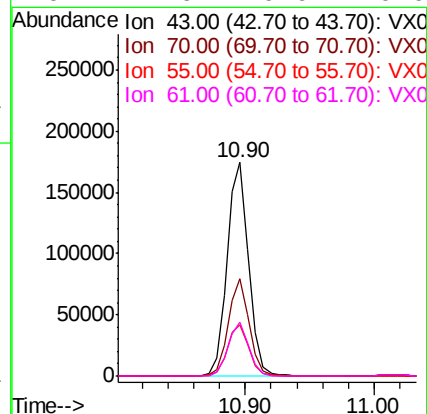
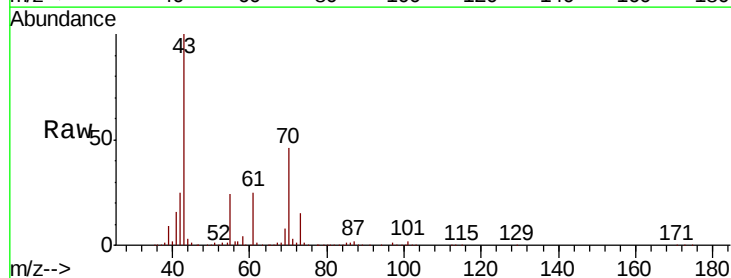
Ion Ratio Lower Upper

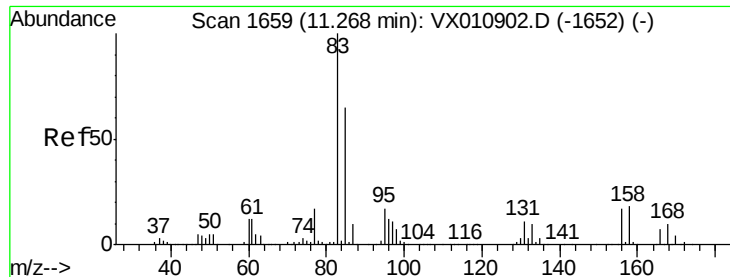
43 100

70 44.2 34.7 52.1

55 24.2 19.1 28.7

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.606 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

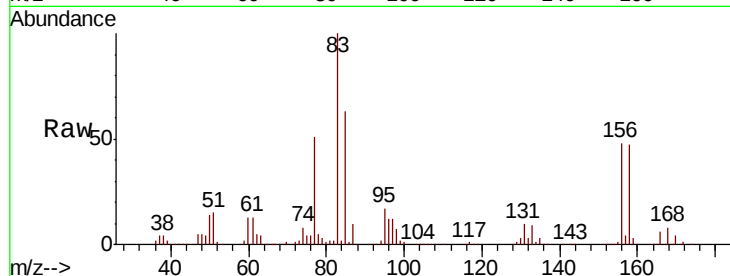
Tot Ion: 83 Resp: 170816

Ion Ratio Lower Upper

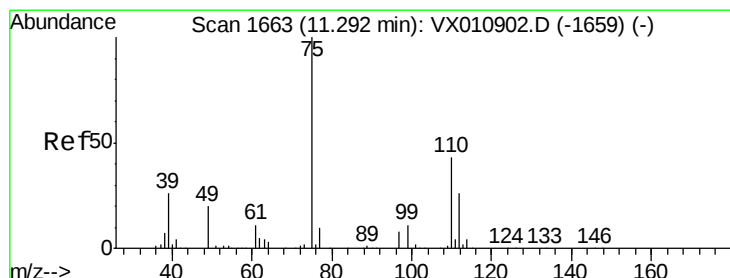
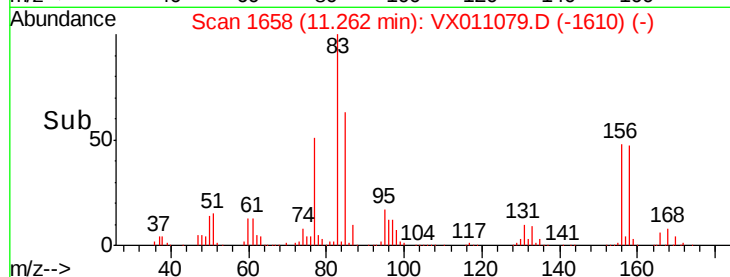
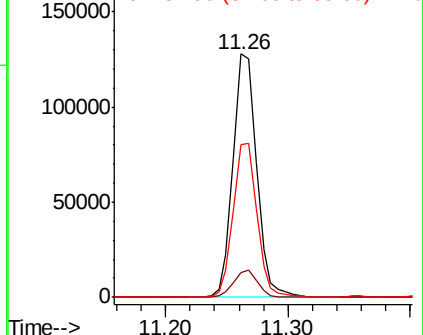
83 100

131 11.2 5.5 16.4

85 64.0 32.3 96.9



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: 66.546 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011079.D

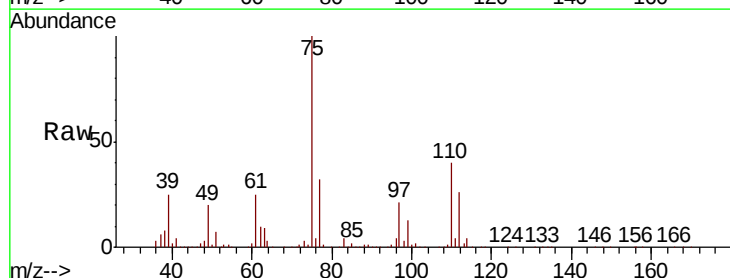
Acq: 26 Jul 2019 10:15

Tgt Ion: 75 Resp: 190848

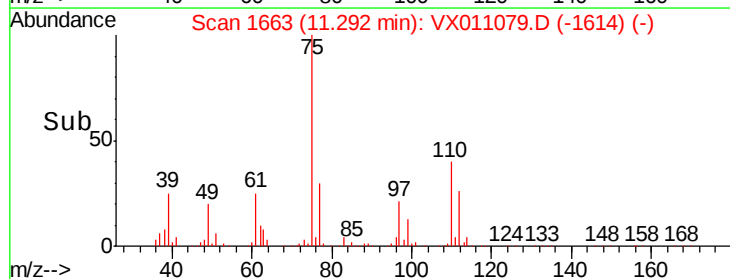
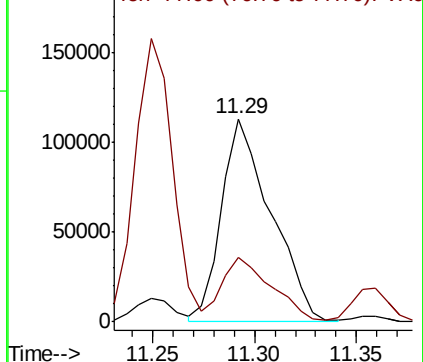
Ion Ratio Lower Upper

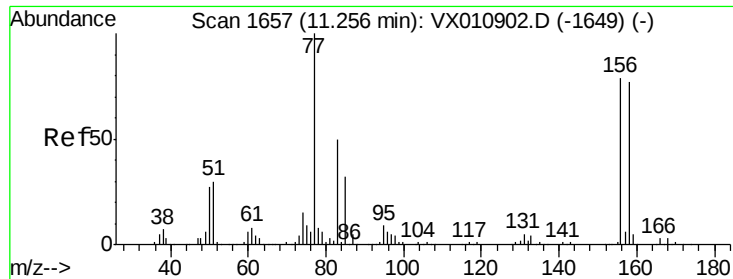
75 100

77 31.9 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.585 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

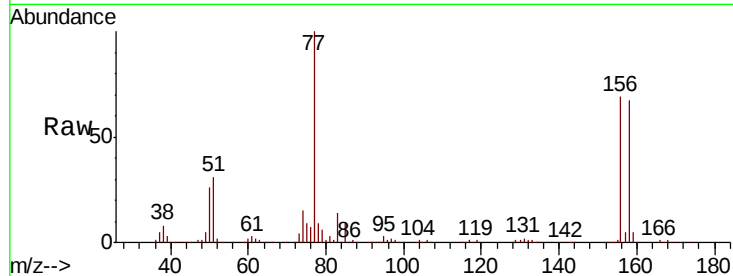
Tot Ion:156 Resp: 146875

Ion Ratio Lower Upper

156 100

77 137.2 68.7 206.1

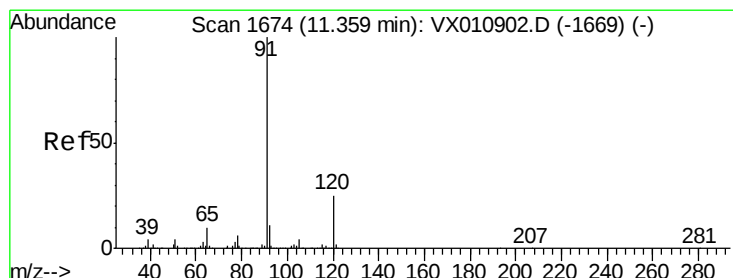
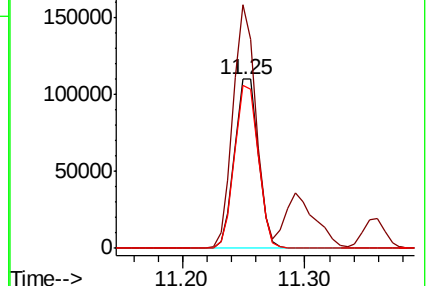
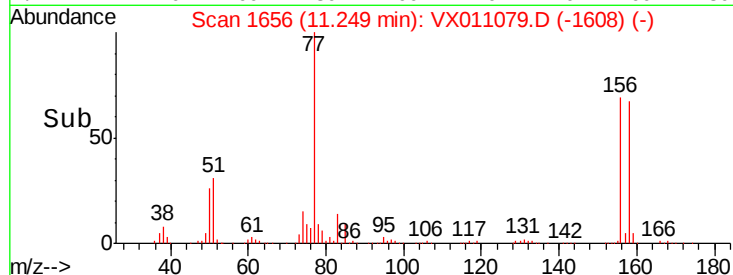
158 96.0 47.9 143.7



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: 52.470 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011079.D

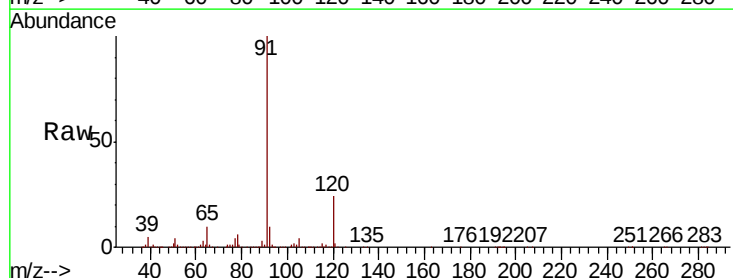
Acq: 26 Jul 2019 10:15

Tgt Ion: 91 Resp: 622582

Ion Ratio Lower Upper

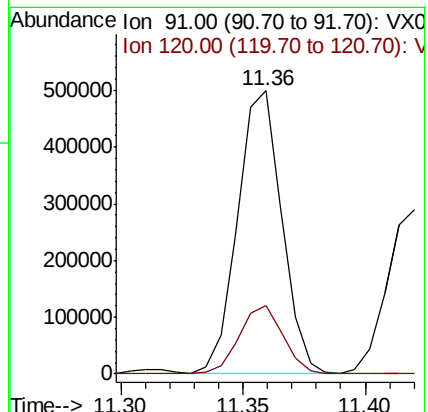
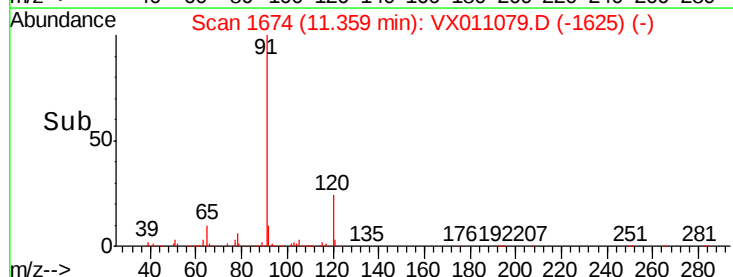
91 100

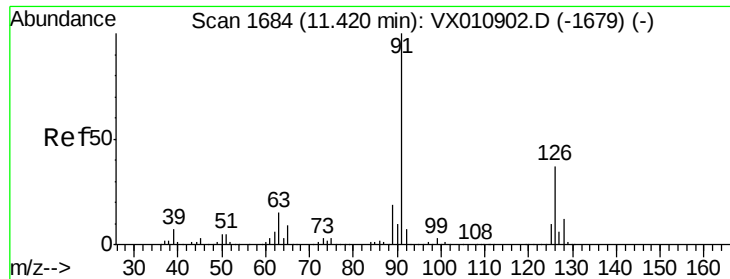
120 24.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.114 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

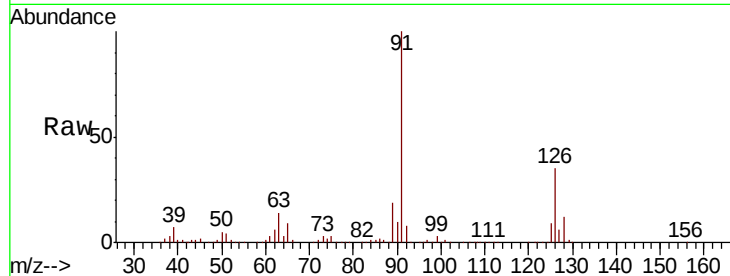
VSTDCCC050

Tot Ion: 91 Resp: 364329

Ion Ratio Lower Upper

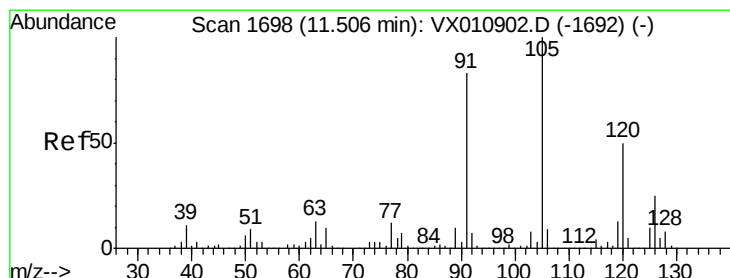
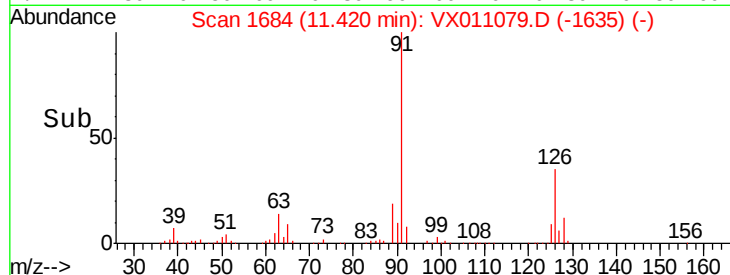
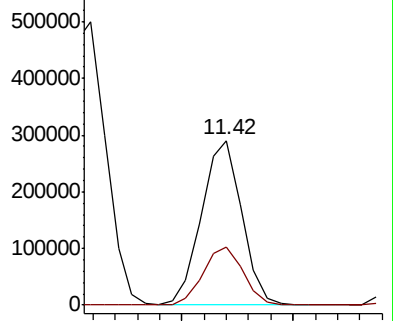
91 100

126 35.7 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.796 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011079.D

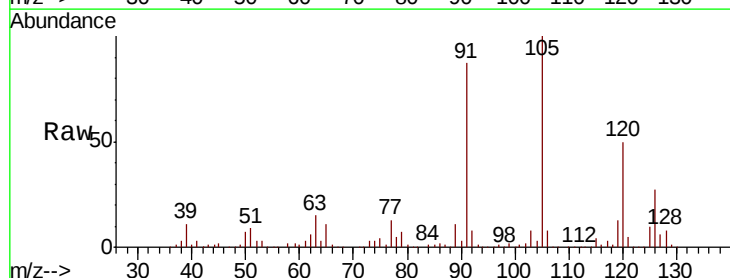
Acq: 26 Jul 2019 10:15

Tgt Ion:105 Resp: 464774

Ion Ratio Lower Upper

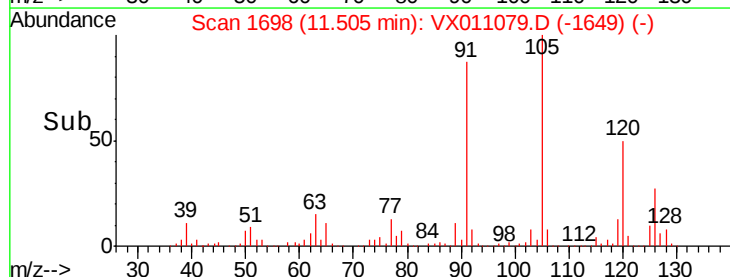
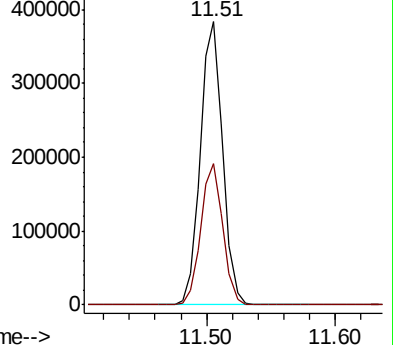
105 100

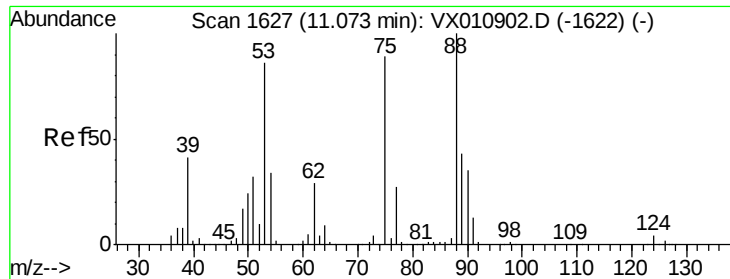
120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.330 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

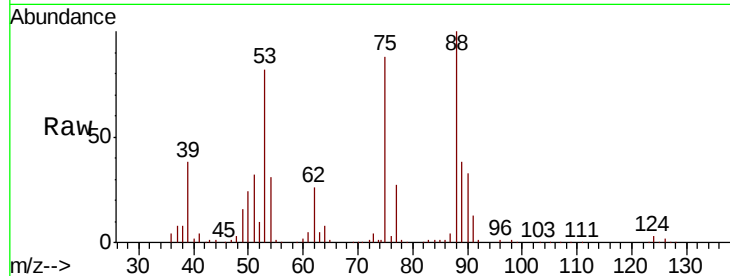
Tot Ion: 75 Resp: 53315

Ion Ratio Lower Upper

75 100

53 96.7 76.7 115.1

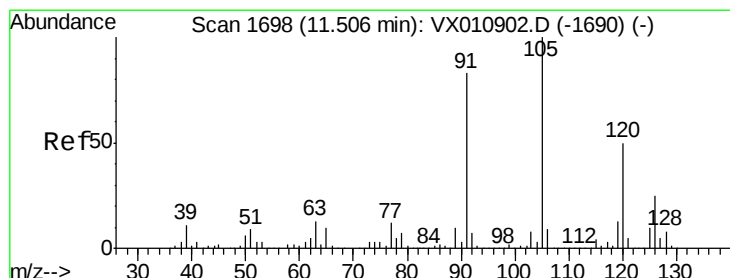
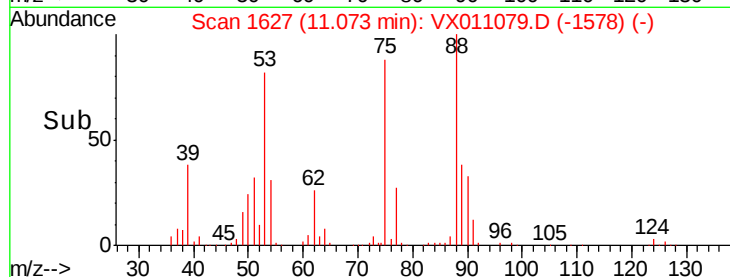
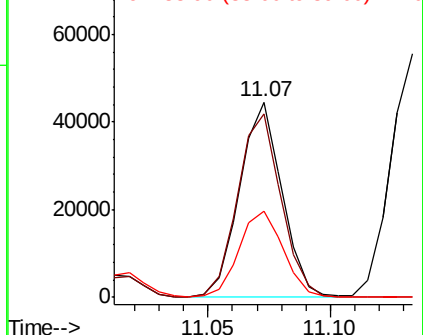
89 46.3 38.5 57.7



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: 51.517 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011079.D

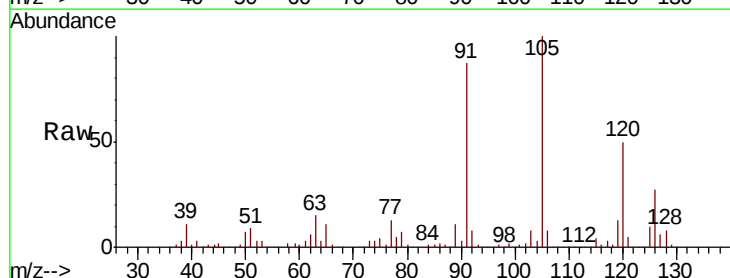
Acq: 26 Jul 2019 10:15

Tgt Ion: 91 Resp: 427383

Ion Ratio Lower Upper

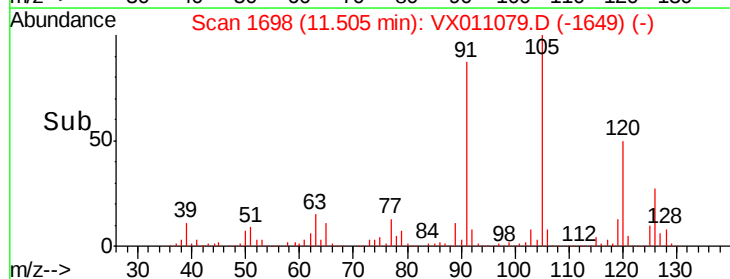
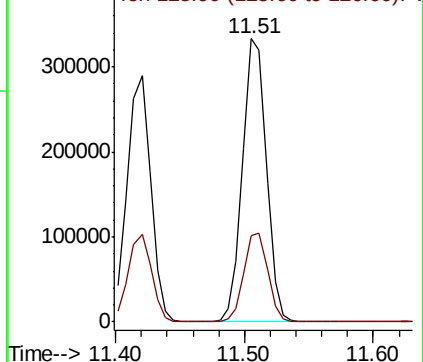
91 100

126 31.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

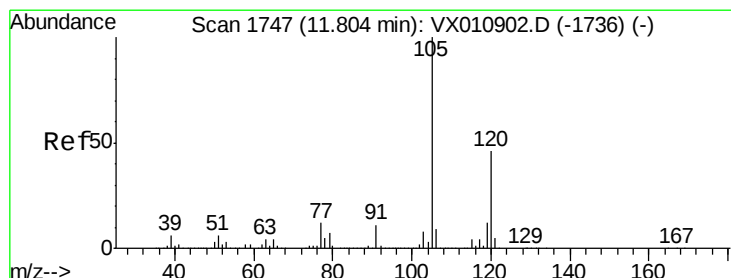
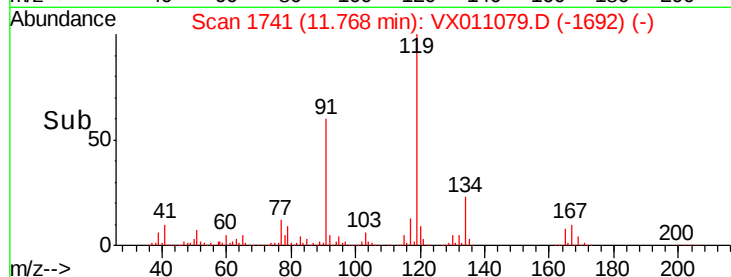
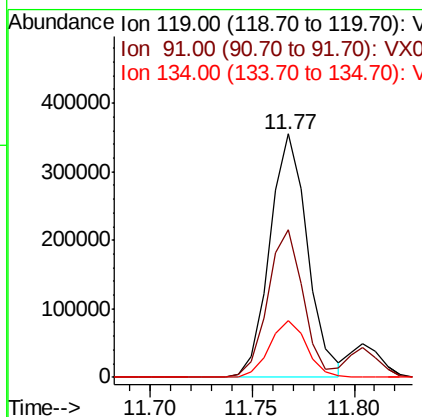
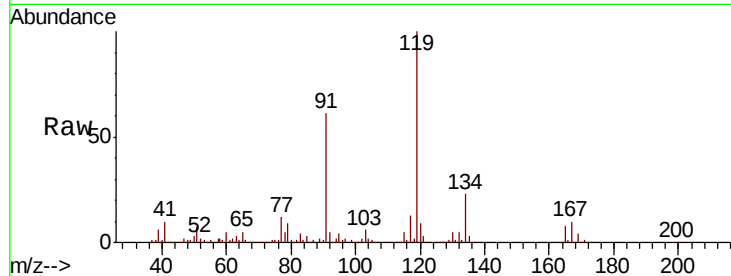




#83
tert-Butylbenzene
Concen: 51.852 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

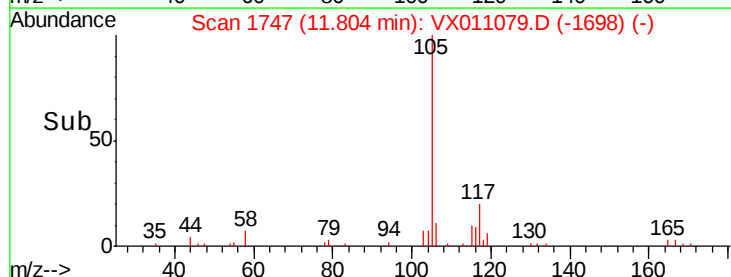
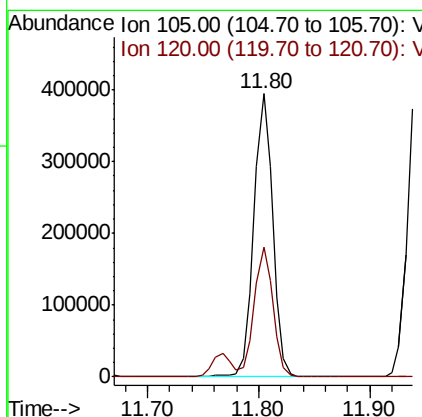
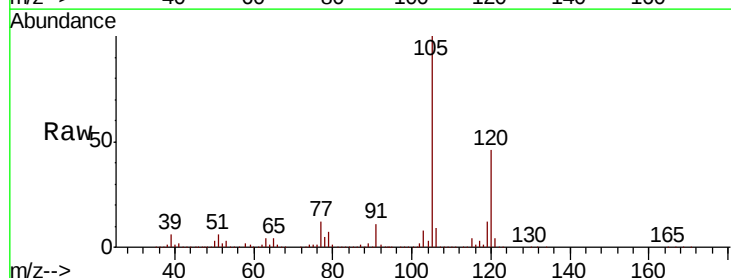
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

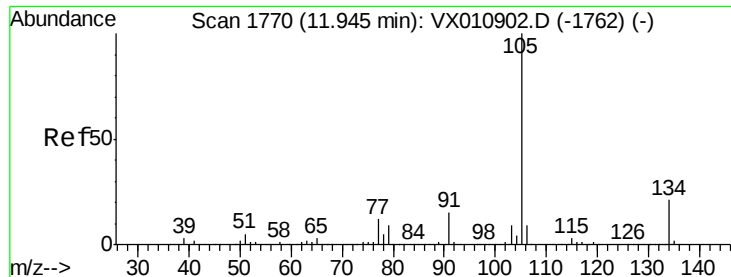
Tot Ion:119 Resp: 457025
Ion Ratio Lower Upper
119 100
91 57.9 28.6 85.8
134 23.0 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 51.654 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion:105 Resp: 467166
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 53.017 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

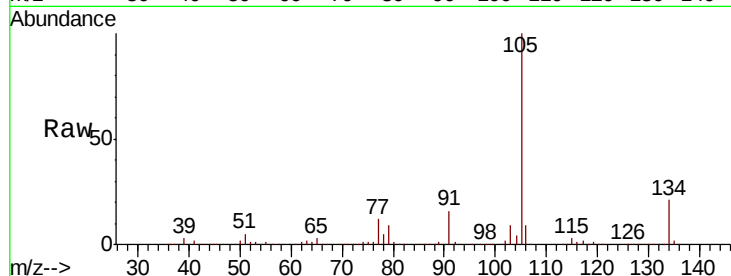
VSTDCCC050

Tot Ion:105 Resp: 547538

Ion Ratio Lower Upper

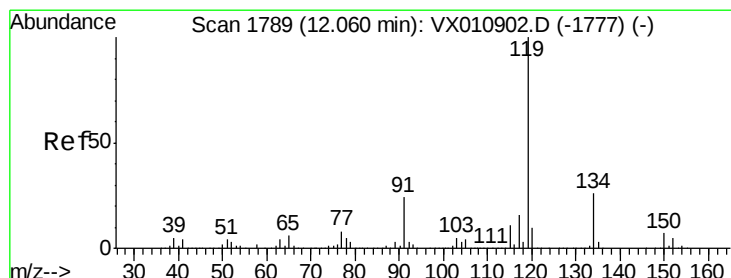
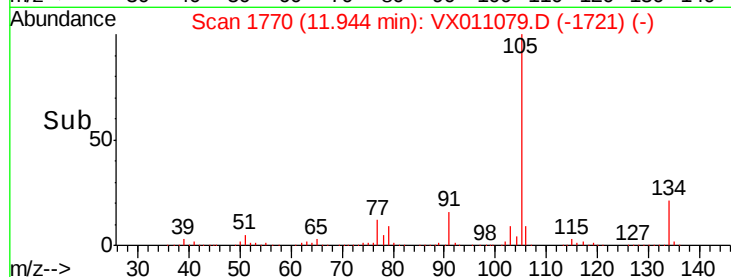
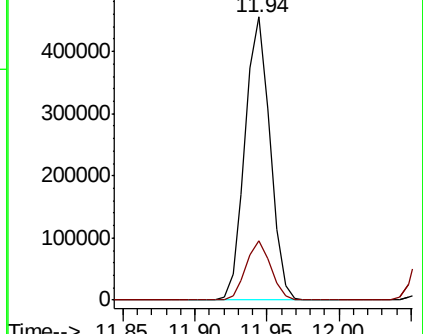
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.726 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

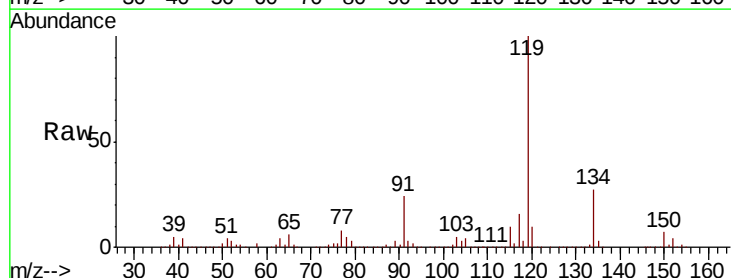
Tgt Ion:119 Resp: 512975

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

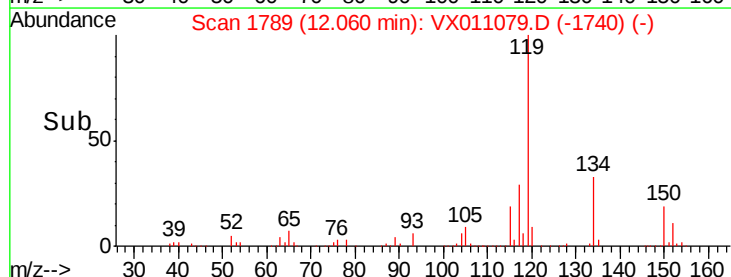
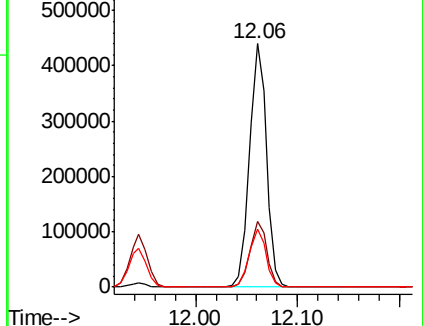
91 23.6 11.8 35.4

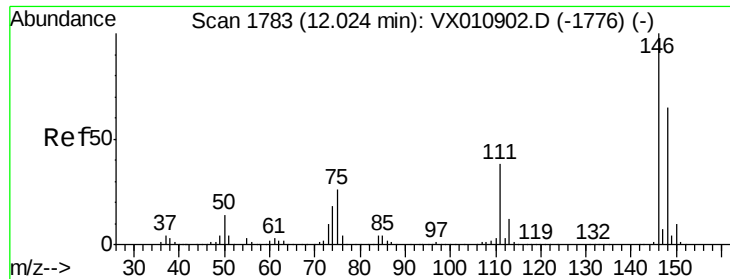


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

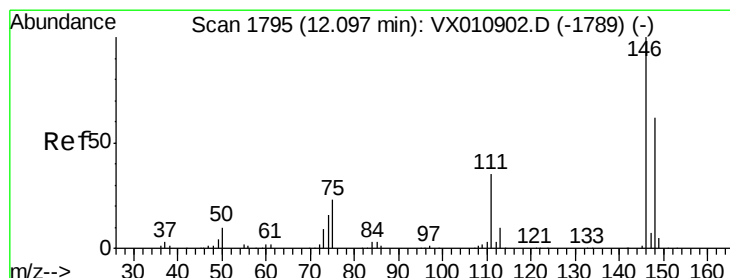
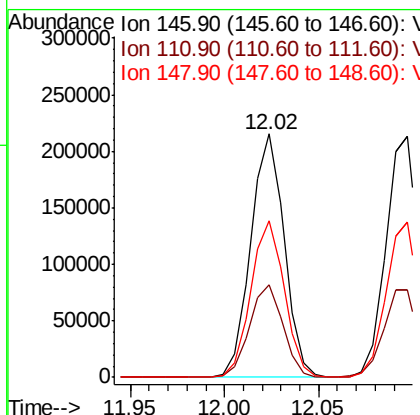
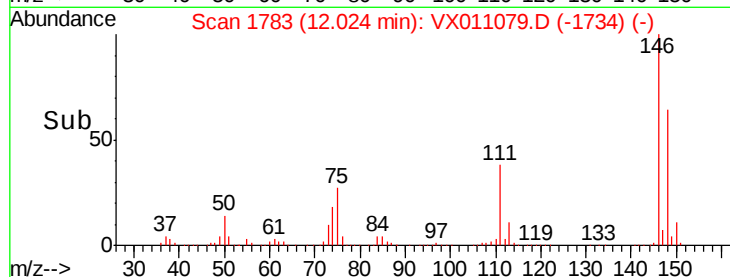
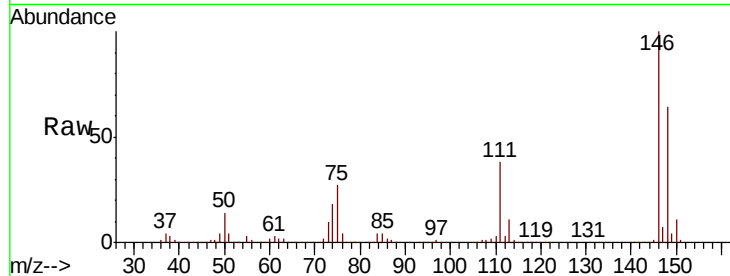




#87
 1,3-Dichlorobenzene
 Concen: 51.567 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

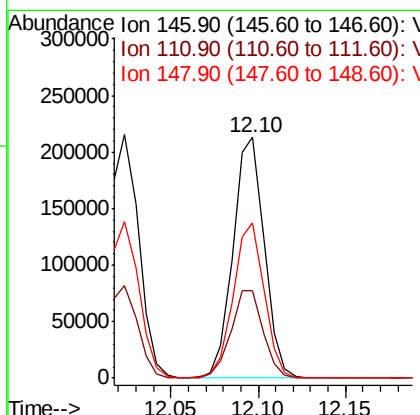
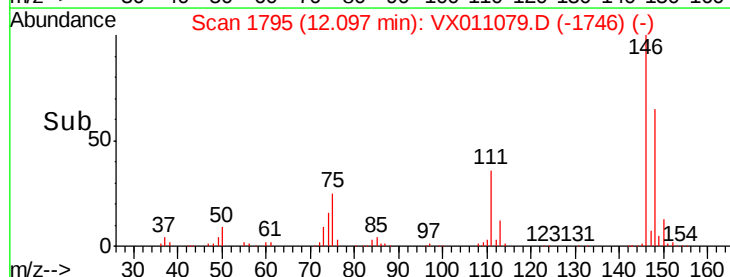
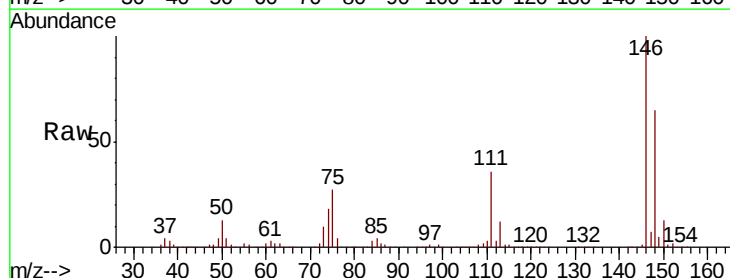
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

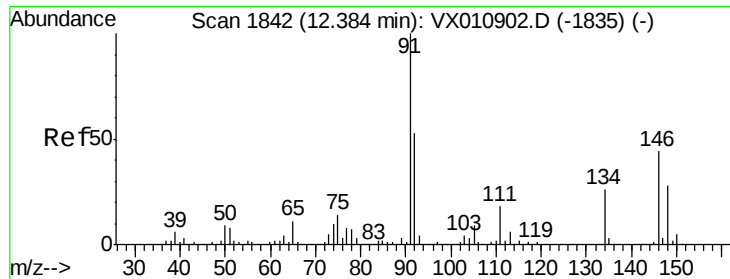
Tot Ion:146 Resp: 265081
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.030 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion:146 Resp: 263761
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.8
 148 64.1 31.6 94.7

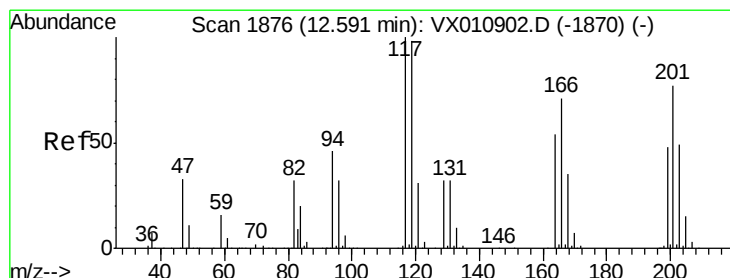
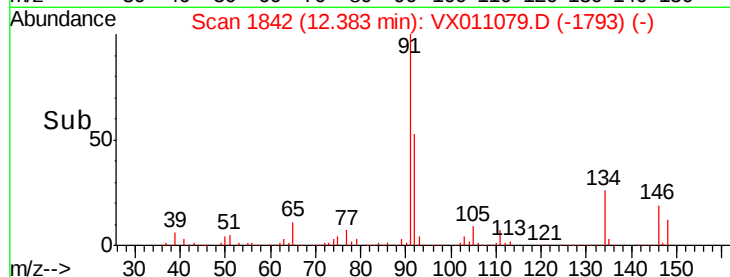
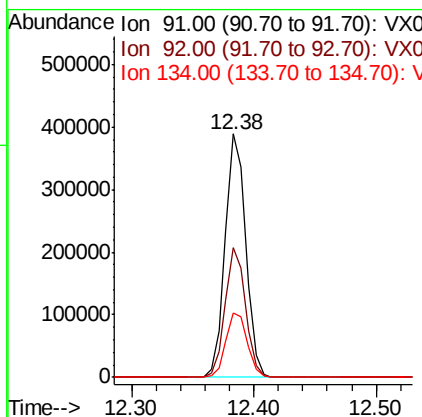
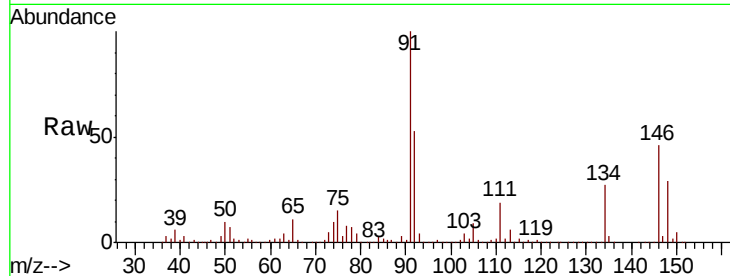




#89
n-Butylbenzene
Concen: 55.349 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

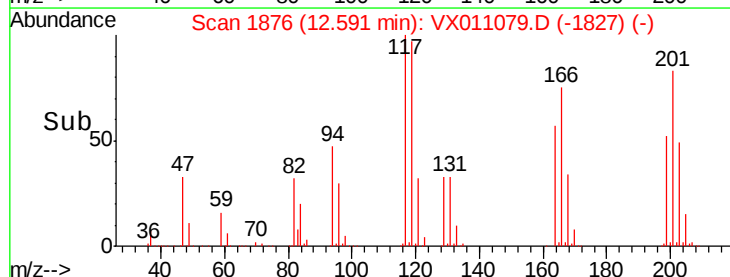
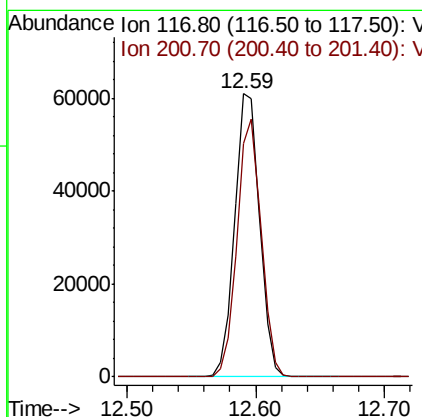
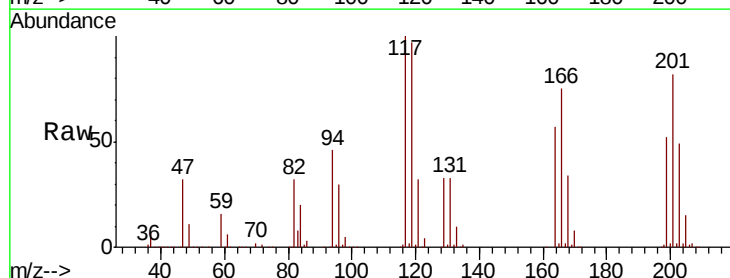
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

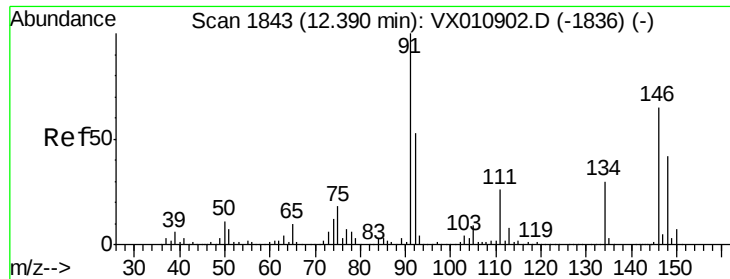
Tot Ion: 91 Resp: 452118
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 27.3 13.8 41.3



#90
Hexachloroethane
Concen: 54.656 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 117 Resp: 82309
Ion Ratio Lower Upper
117 100
201 87.8 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 50.528 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

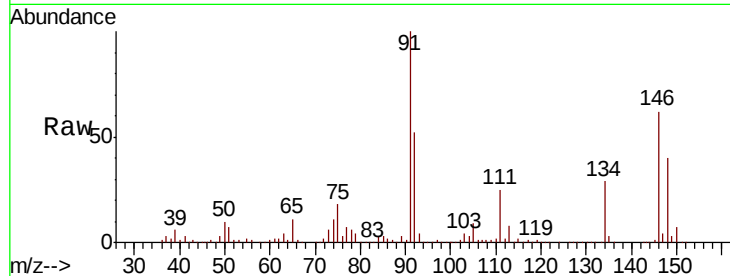
Tot Ion:146 Resp: 257419

Ion Ratio Lower Upper

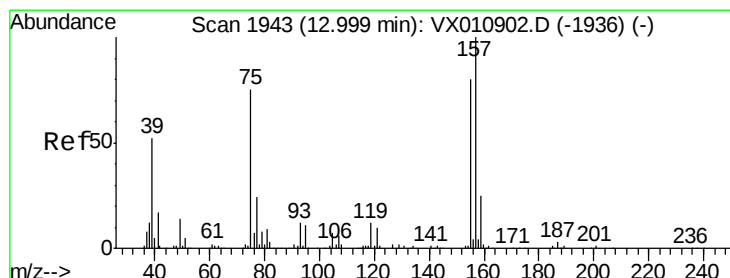
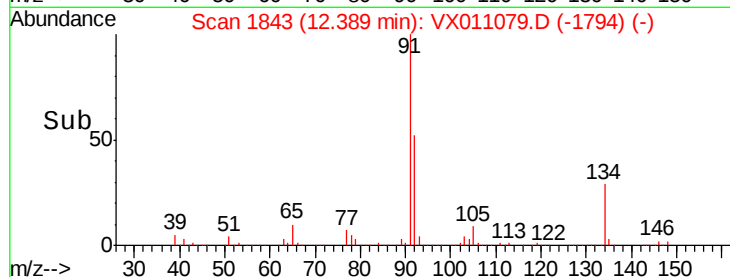
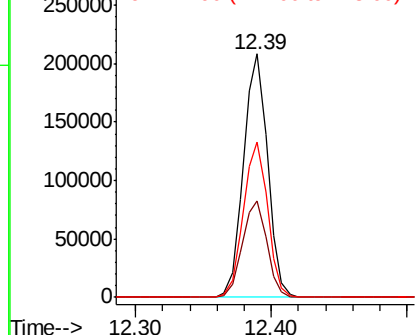
146 100

111 40.2 19.9 59.7

148 64.0 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.490 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

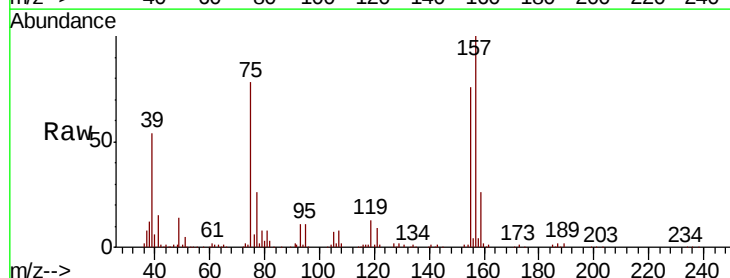
Tgt Ion: 75 Resp: 37090

Ion Ratio Lower Upper

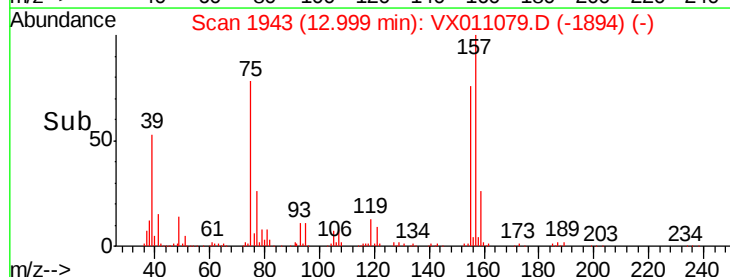
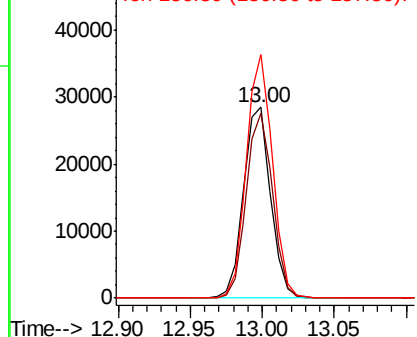
75 100

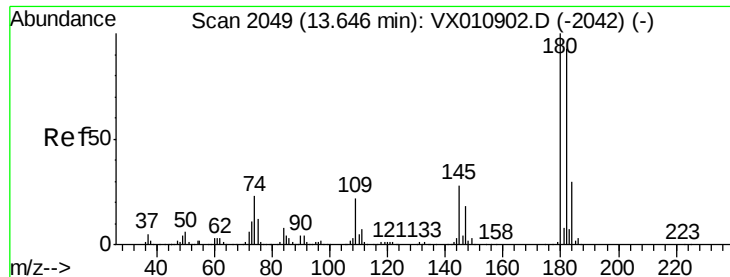
155 94.0 48.7 146.1

157 122.5 62.5 187.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

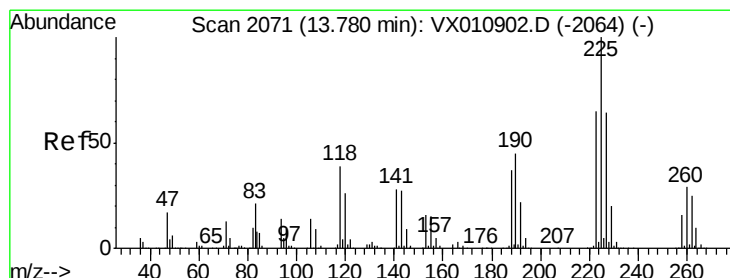
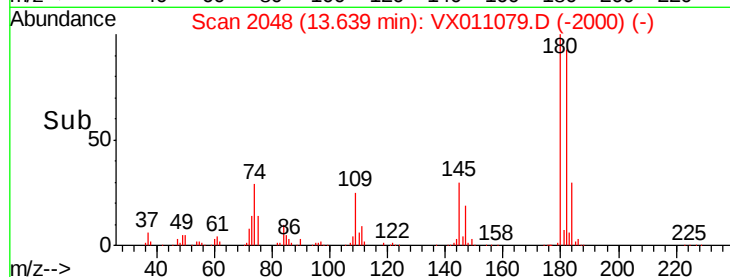
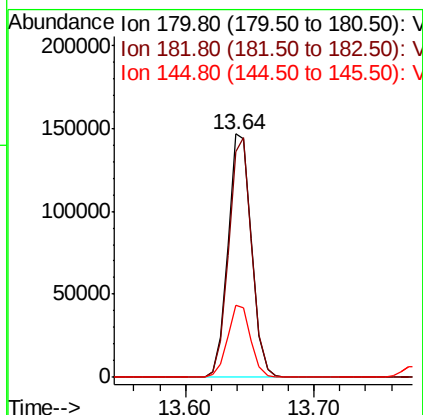
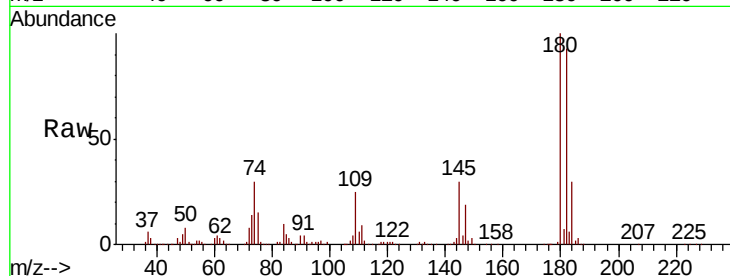




#93
 1,2,4-Trichlorobenzene
 Concen: 54.389 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

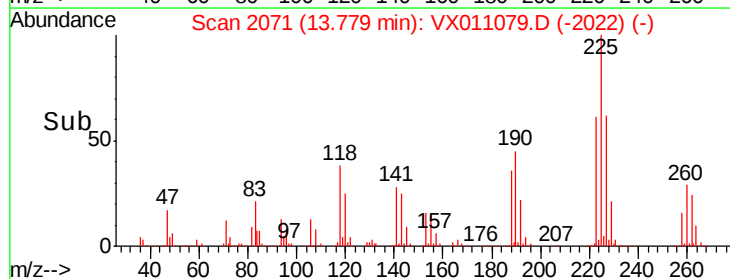
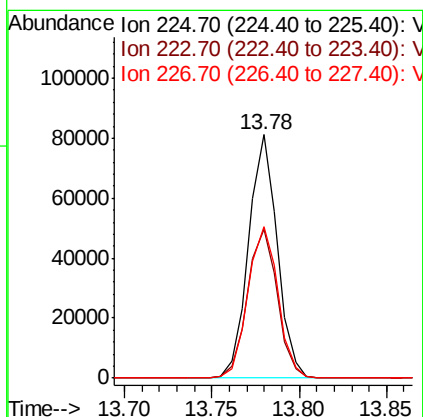
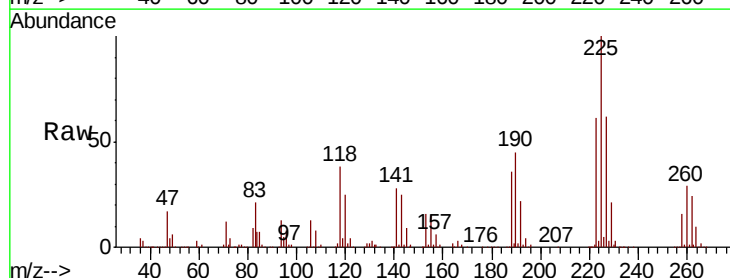
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 187788
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.1 141.3
 145 29.2 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 53.970 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion:225 Resp: 92341
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.9
 227 65.2 32.5 97.4

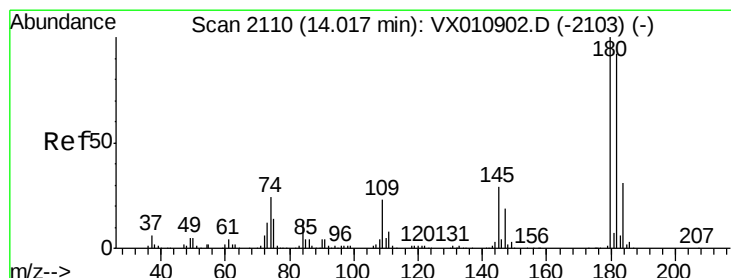
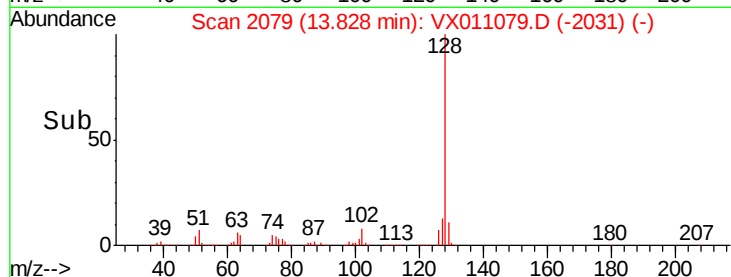
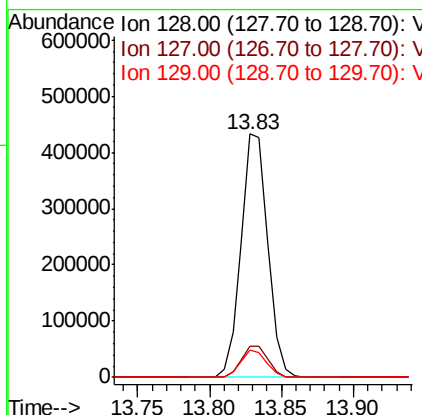
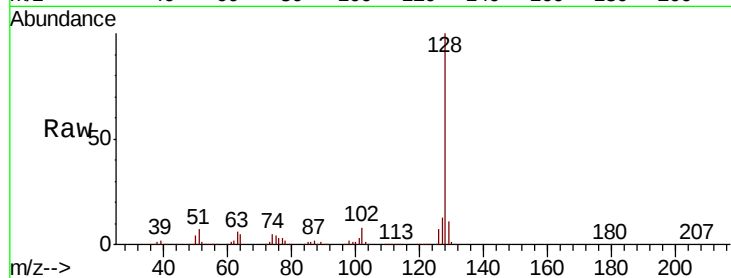




#95
Naphthalene
Concen: 54.463 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.805 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.4	142.3
145	31.4	15.1	45.3

