

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059721.D
 Acq On : 16 Jan 2020 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 17 04:33:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	317990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	108753	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.56	113	93468	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.08	98	359664	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	129233	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116146	46.722	ug/l	98
3) Chloromethane	2.04	50	105700	43.820	ug/l	97
4) Vinyl Chloride	2.17	62	130894	47.427	ug/l	97
5) Bromomethane	2.54	94	78163	46.407	ug/l	99
6) Chloroethane	2.68	64	58864	45.081	ug/l	95
7) Trichlorofluoromethane	3.00	101	155756	46.992	ug/l	99
8) Diethyl Ether	3.38	74	54123	46.529	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	88983	48.236	ug/l	91
10) Methyl Iodide	3.93	142	136021	45.617	ug/l	95
11) Tert butyl alcohol	4.72	59	83224	211.286	ug/l	98
12) 1,1-Dichloroethene	3.72	96	87781	45.539	ug/l	89
13) Acrolein	3.58	56	38090	136.607	ug/l	99
14) Allyl chloride	4.29	41	118466	45.595	ug/l #	89
15) Acrylonitrile	4.94	53	202314	225.168	ug/l	99
16) Acetone	3.78	43	190803	238.635	ug/l	96
17) Carbon Disulfide	4.03	76	244303	44.490	ug/l	100
18) Methyl Acetate	4.28	43	119385	43.682	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	288712	45.938	ug/l	95
20) Methylene Chloride	4.52	84	96319	45.381	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	93230	45.500	ug/l	89
22) Diisopropyl ether	5.91	45	270009	45.857	ug/l #	97
23) Vinyl Acetate	5.86	43	1042867	228.762	ug/l #	93
24) 1,1-Dichloroethane	5.81	63	164051	45.599	ug/l	98
25) 2-Butanone	6.80	43	281513	212.460	ug/l #	90
26) 2,2-Dichloropropane	6.80	77	155851	45.060	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	109502	46.463	ug/l	87
28) Bromochloromethane	7.17	49	71633	49.816	ug/l #	73
29) Tetrahydrofuran	7.18	42	170577	208.068	ug/l	87
30) Chloroform	7.35	83	174522	46.818	ug/l	99
31) Cyclohexane	7.63	56	148835	42.992	ug/l	90
32) 1,1,1-Trichloroethane	7.54	97	159311	46.222	ug/l	95
36) 1,1-Dichloropropene	7.77	75	129984	46.940	ug/l	95
37) Ethyl Acetate	6.90	43	111020	42.745	ug/l	96
38) Carbon Tetrachloride	7.75	117	143621	47.678	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	164155	48.076	ug/l	92
40) Benzene	8.02	78	386110	46.752	ug/l	100
41) Methacrylonitrile	7.18	41	159310	124.530	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	129509	46.251	ug/l	96
43) Isopropyl Acetate	8.14	43	195425	43.745	ug/l #	93
44) Trichloroethene	8.82	130	111289	49.362	ug/l	91
45) 1,2-Dichloropropane	9.10	63	97575	47.746	ug/l	98
46) Dibromomethane	9.19	93	68451	47.483	ug/l	91
47) Bromodichloromethane	9.39	83	140299	48.295	ug/l	98
48) Methyl methacrylate	9.18	41	88613	44.346	ug/l	89
49) 1,4-Dioxane	9.18	88	34224	935.578	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	563270	218.115	ug/l	95
52) Toluene	10.14	92	250279	47.978	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	154748	47.707	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	164806	48.288	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	97794	47.334	ug/l	96
56) Ethyl methacrylate	10.42	69	146170	46.301	ug/l	90
57) 1,3-Dichloropropane	10.70	76	158567	48.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	152858	160.754	ug/l	91
59) 2-Hexanone	10.74	43	423522	222.614	ug/l	94
60) Dibromochloromethane	10.89	129	114472	48.655	ug/l	99
61) 1,2-Dibromoethane	10.99	107	103366	47.734	ug/l	99
64) Tetrachloroethene	10.62	164	104168	44.219	ug/l	95
65) Chlorobenzene	11.43	112	271137	47.725	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	105499	48.059	ug/l	99
67) Ethyl Benzene	11.50	91	490533	47.563	ug/l	98
68) m/p-Xylenes	11.62	106	376167	96.559	ug/l	93
69) o-Xylene	11.94	106	179746	47.129	ug/l	95
70) Styrene	11.96	104	306050	47.955	ug/l	97
71) Bromoform	12.12	173	86887	49.412	ug/l #	98
73) Isopropylbenzene	12.25	105	487537	46.432	ug/l	99
74) N-amyl acetate	12.06	43	175598	43.099	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	135706	44.583	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	179126	74.345	ug/l #	100
77) Bromobenzene	12.52	156	125572	47.225	ug/l	79
78) n-propylbenzene	12.59	91	553590	46.974	ug/l	97
79) 2-Chlorotoluene	12.67	91	318342	45.406	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	409855	46.414	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	50276	44.811	ug/l	92
82) 4-Chlorotoluene	12.77	91	328821	46.760	ug/l	95
83) tert-Butylbenzene	12.99	119	353267	46.256	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	411365	47.088	ug/l	98
85) sec-Butylbenzene	13.17	105	473137	47.153	ug/l	98
86) p-Isopropyltoluene	13.28	119	437509	47.122	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	222458	48.164	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	220483	47.851	ug/l	97
89) n-Butylbenzene	13.61	91	382809	48.357	ug/l	98
90) Hexachloroethane	13.87	117	81601	46.974	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	215690	47.236	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29456	44.871	ug/l	79

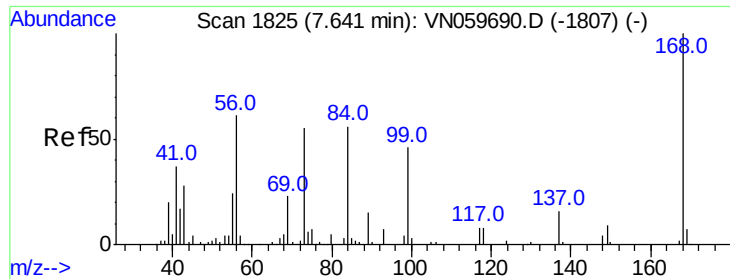
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135931	49.542	ug/l	99
94) Hexachlorobutadiene	15.01	225	72758	48.121	ug/l	99
95) Naphthalene	15.13	128	358810	45.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	128296	48.039	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

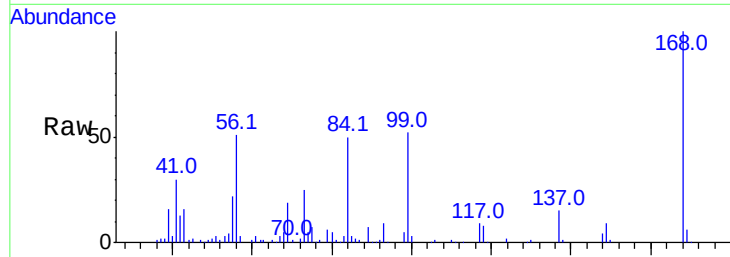
VSTDCCC050

Tgt Ion:168 Resp: 210693

Ion Ratio Lower Upper

168 100

99 51.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

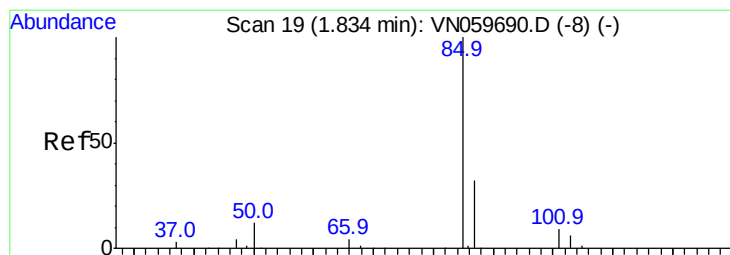
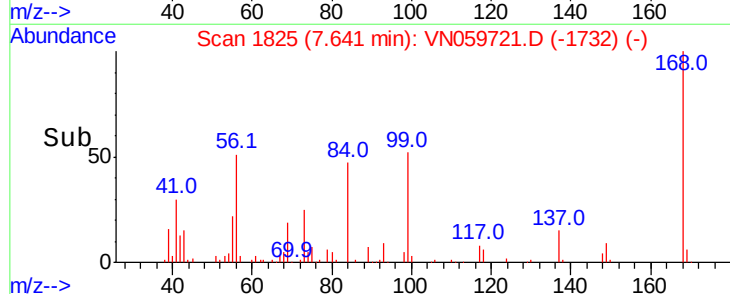
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.722 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059721.D

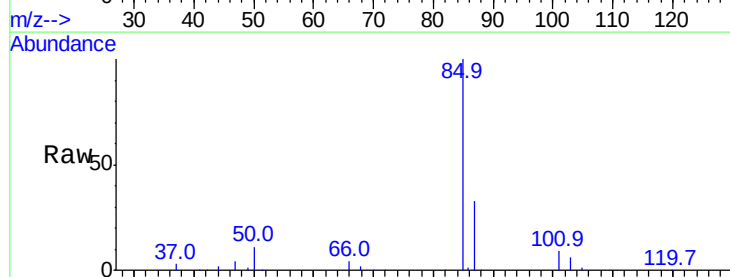
Acq: 16 Jan 2020 10:10

Tgt Ion: 85 Resp: 116146

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

80000

60000

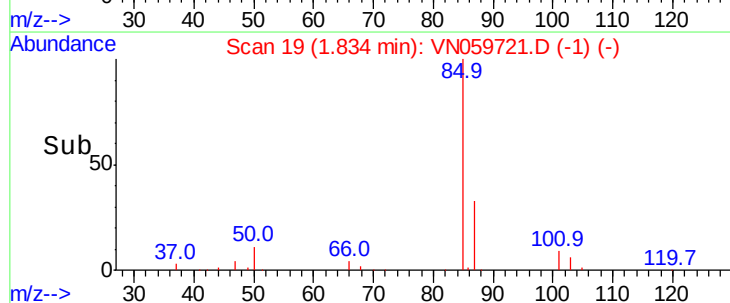
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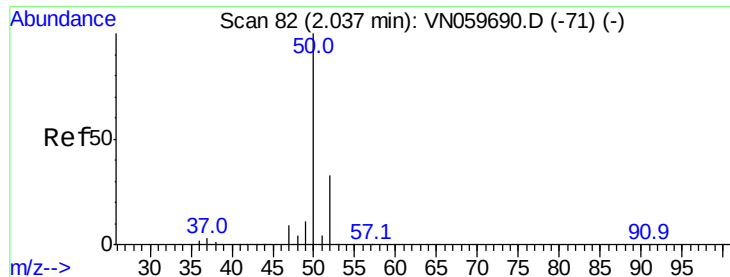
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0

1.75 1.80 1.85 1.90 1.95

Time-->

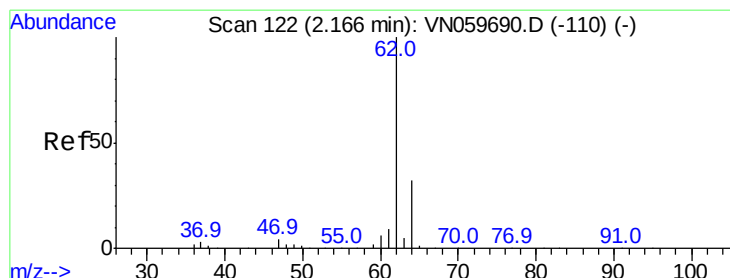
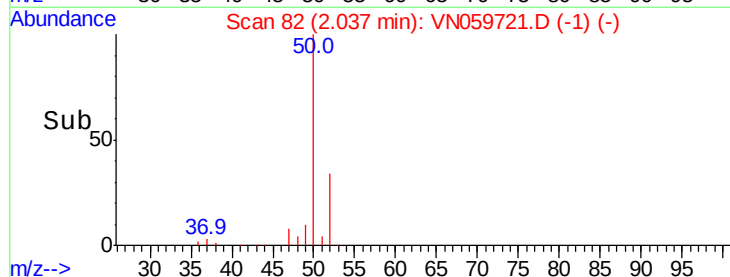
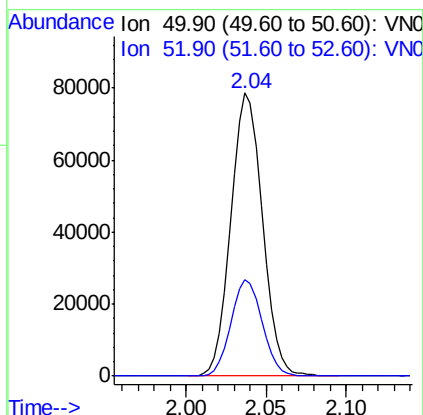
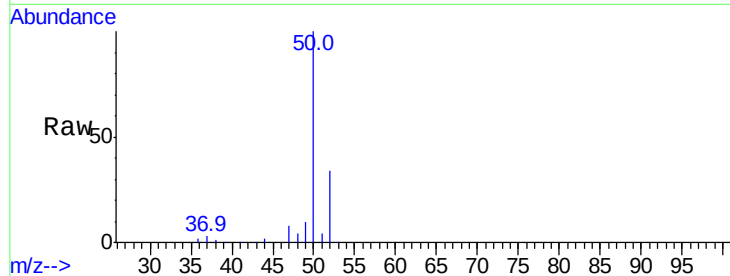




#3
Chloromethane
Concen: 43.820 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

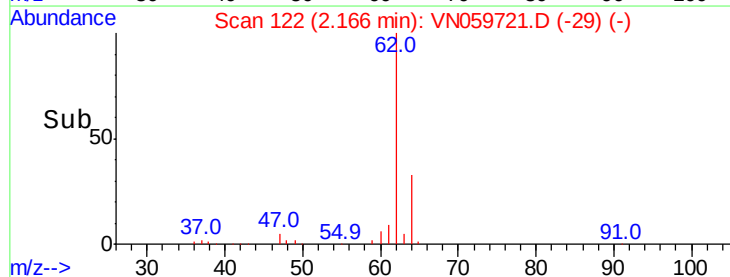
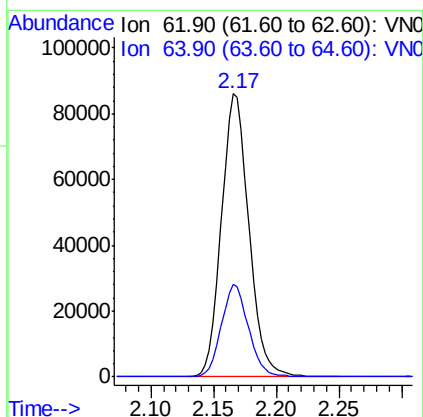
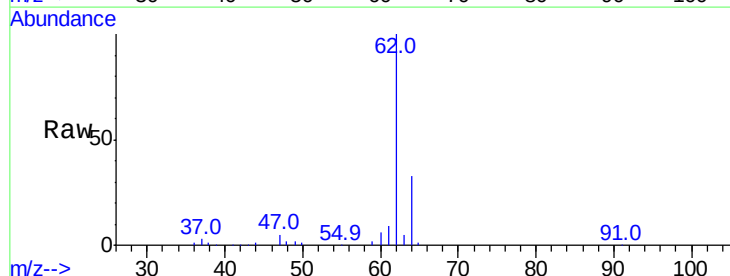
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

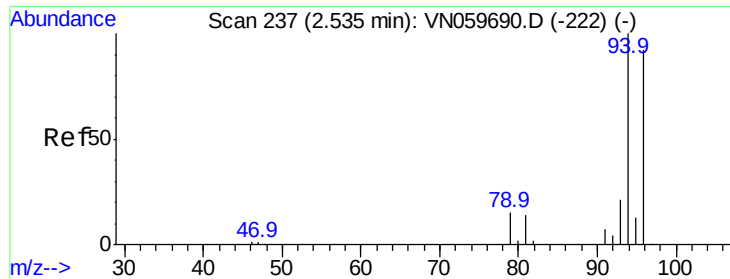
Tgt Ion: 50 Resp: 105700
Ion Ratio Lower Upper
50 100
52 34.3 25.9 38.9



#4
Vinyl Chloride
Concen: 47.427 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 62 Resp: 130894
Ion Ratio Lower Upper
62 100
64 32.5 24.6 37.0

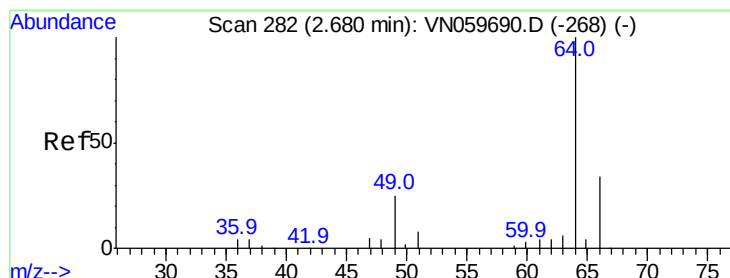
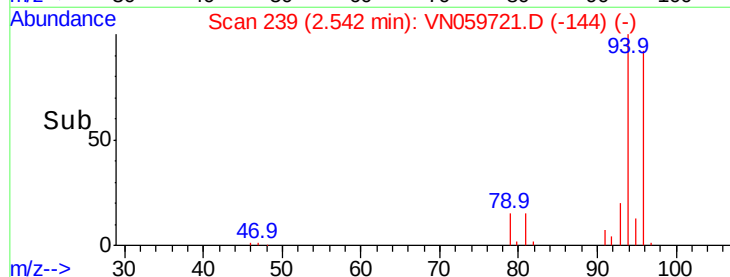
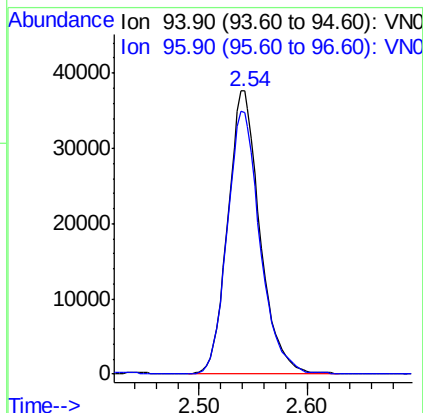
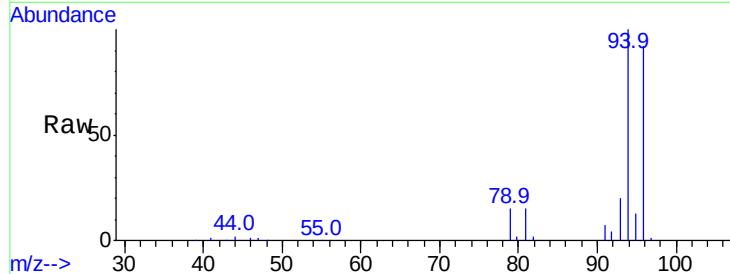




#5
Bromomethane
Concen: 46.407 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

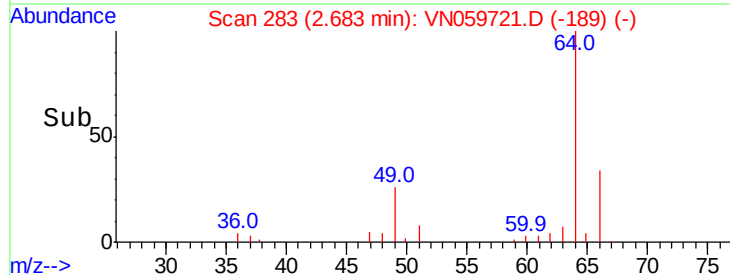
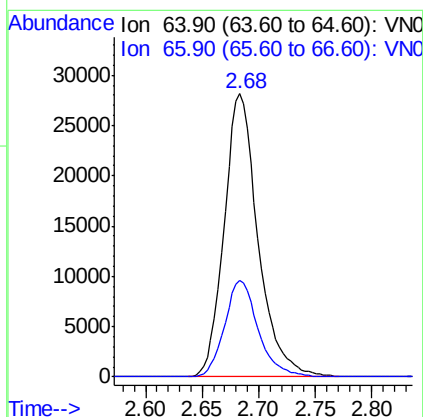
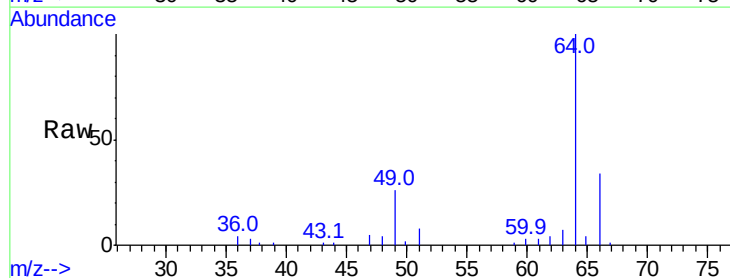
Instrument :
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ClientSampleId :
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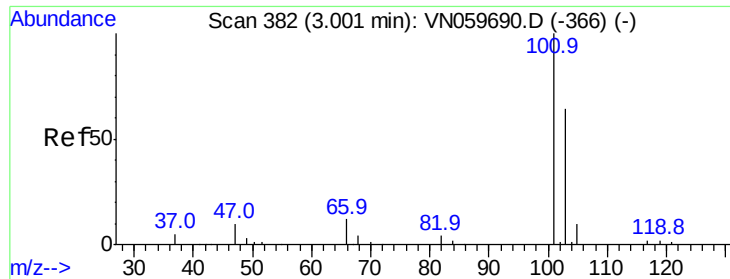
Tgt Ion: 94 Resp: 78163
Ion Ratio Lower Upper
94 100
96 92.5 74.7 112.1



#6
Chloroethane
Concen: 45.081 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 64 Resp: 58864
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7



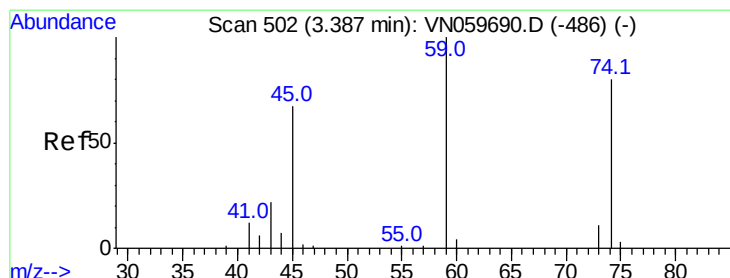
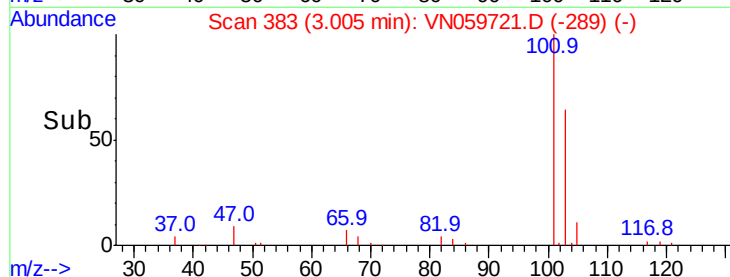
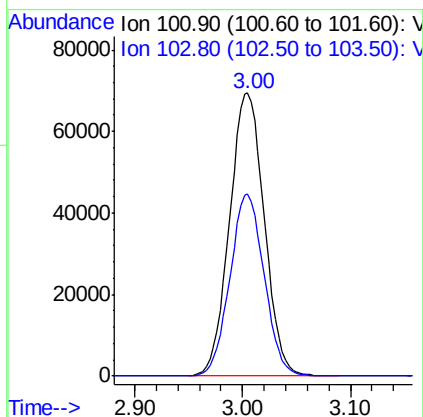
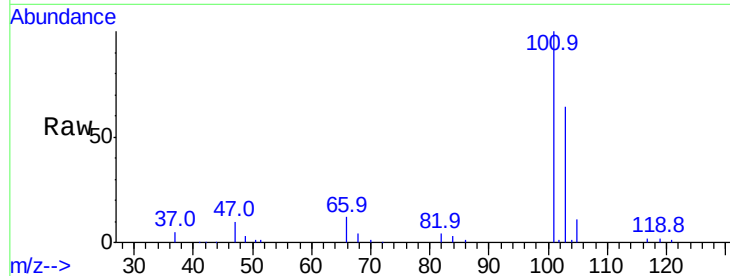


#7

Trichlorofluoromethane
 Concen: 46.992 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

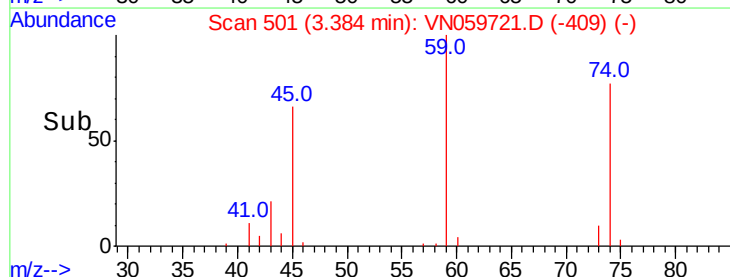
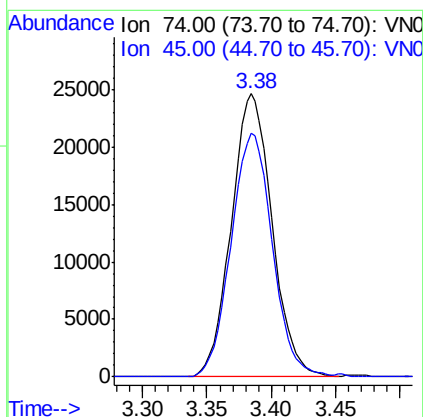
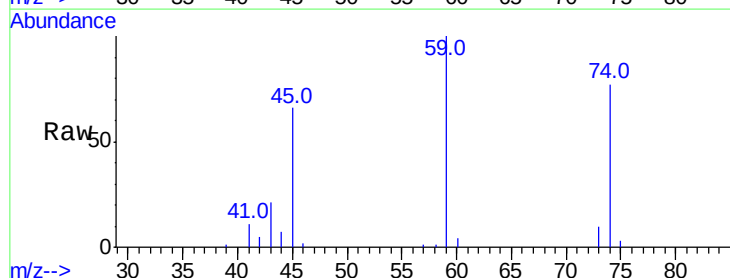
Tgt Ion:101 Resp: 155756
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.6

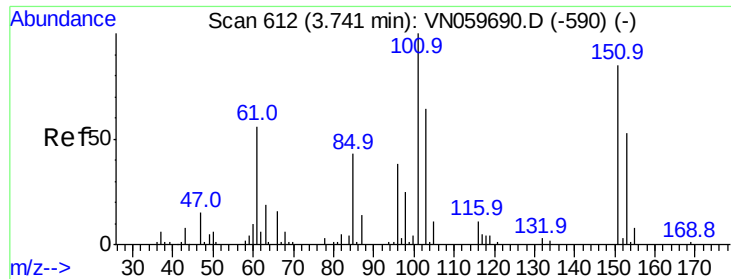


#8

Diethyl Ether
 Concen: 46.529 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion: 74 Resp: 54123
 Ion Ratio Lower Upper
 74 100
 45 87.2 51.9 155.8

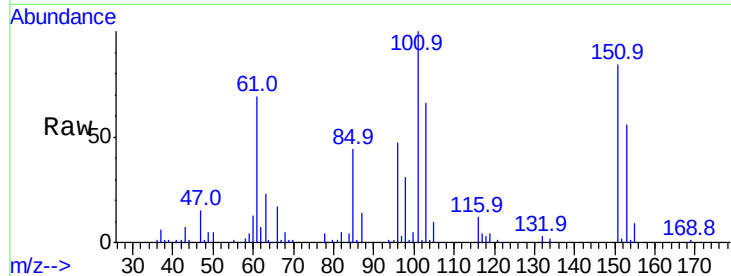




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.236 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 88983
Ion Ratio Lower Upper
101 100
85 44.0 36.6 54.8
151 84.9 59.7 89.5

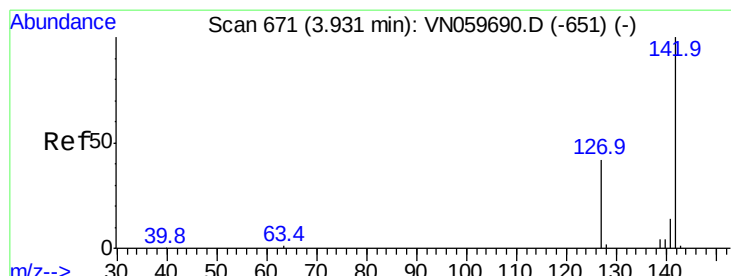
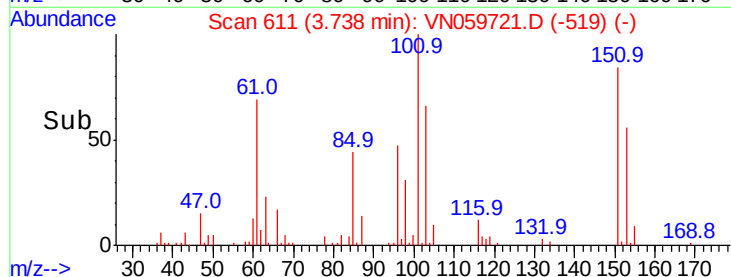
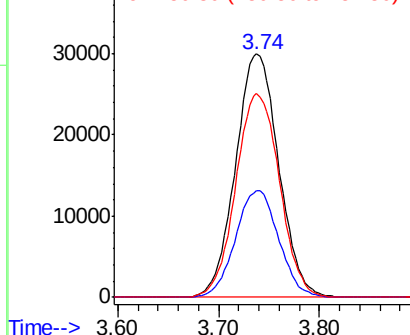


Abundance

Ion 100.90 (100.60 to 101.60): V

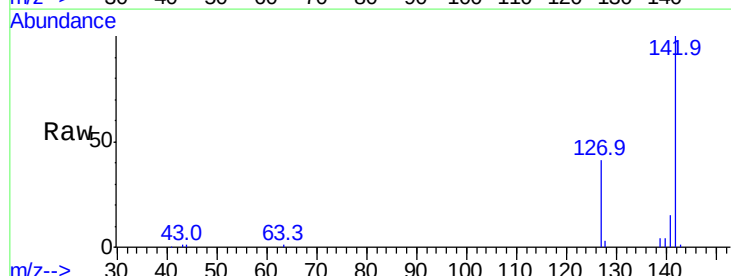
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 45.617 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion:142 Resp: 136021
Ion Ratio Lower Upper
142 100
127 41.3 36.7 55.1
141 14.4 11.7 17.5

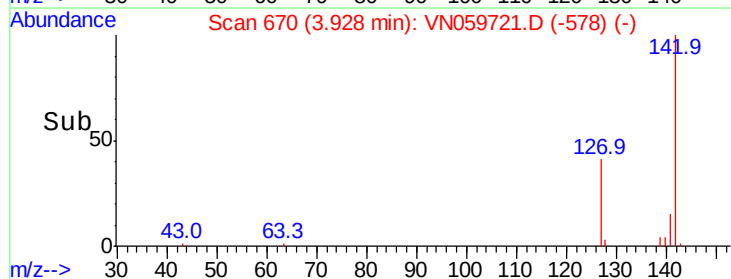
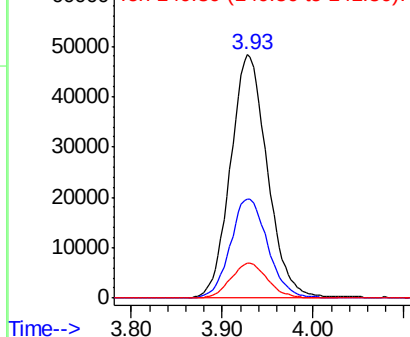


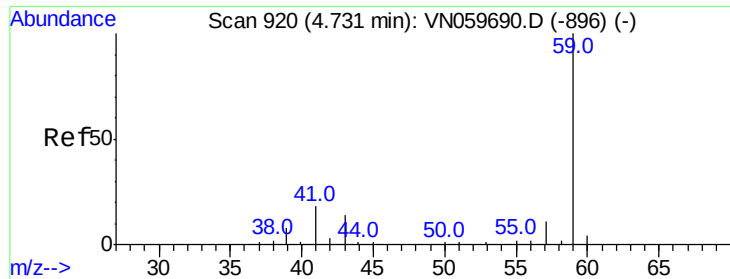
Abundance

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

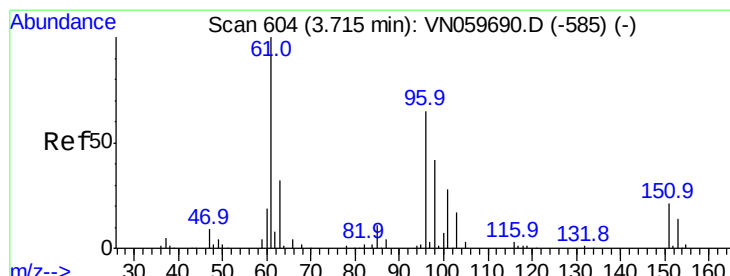
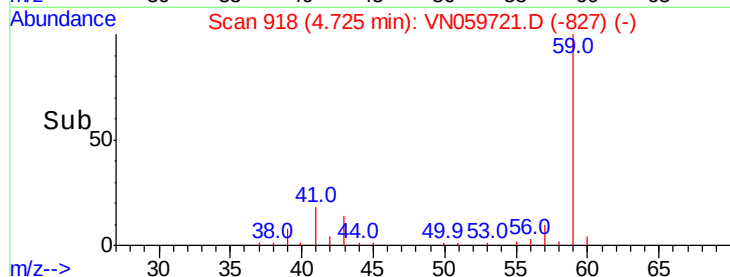
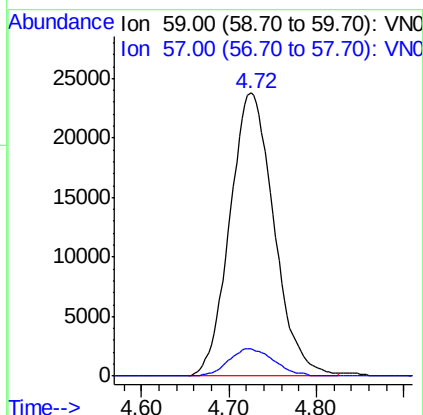
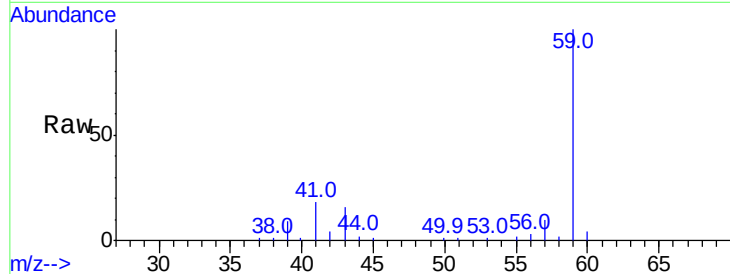




#11
Tert butyl alcohol
Concen: 211.286 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

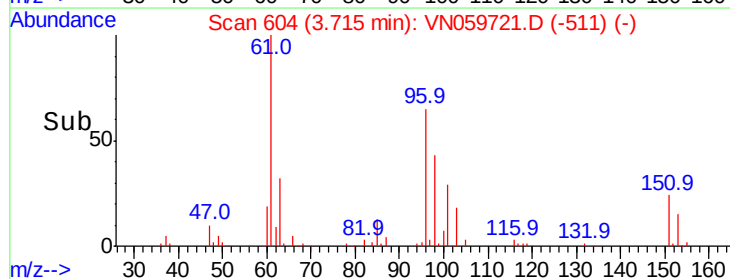
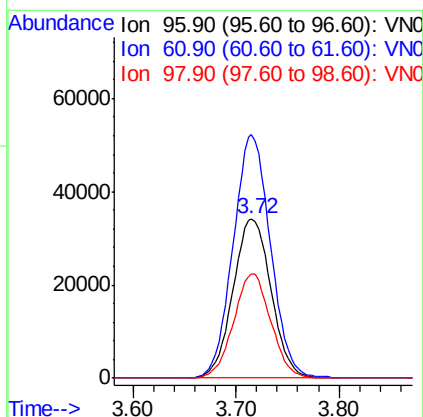
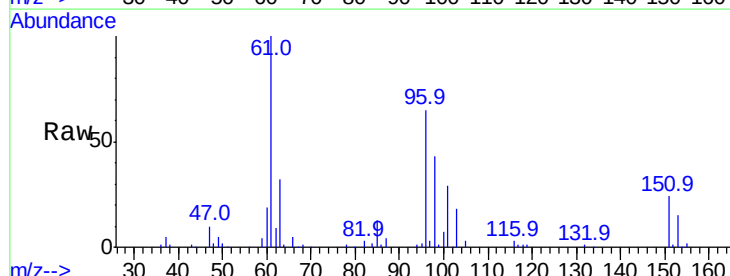
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

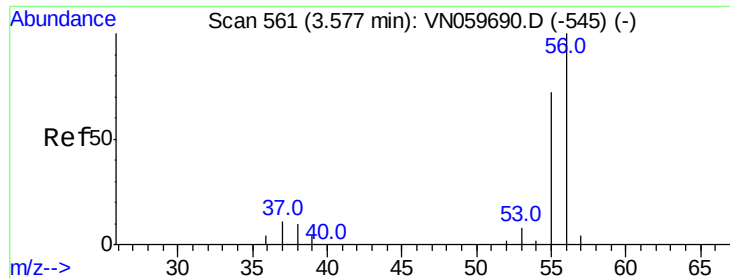
Tgt Ion: 59 Resp: 83224
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 45.539 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 96 Resp: 87781
Ion Ratio Lower Upper
96 100
61 153.0 137.5 206.3
98 65.3 50.2 75.4





#13

Acrolein

Concen: 136.607 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

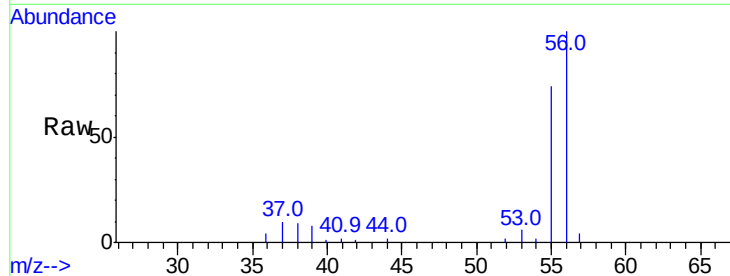
VSTDCCC050

Tgt Ion: 56 Resp: 38090

Ion Ratio Lower Upper

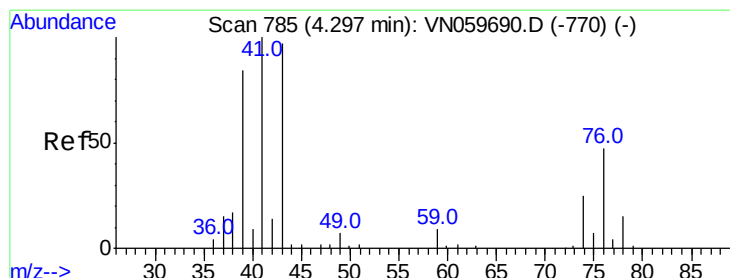
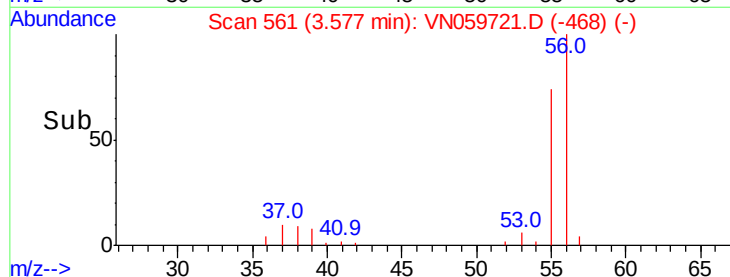
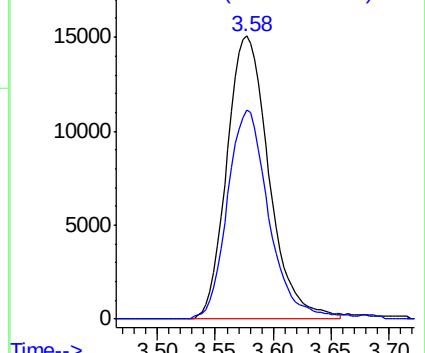
56 100

55 72.1 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.595 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

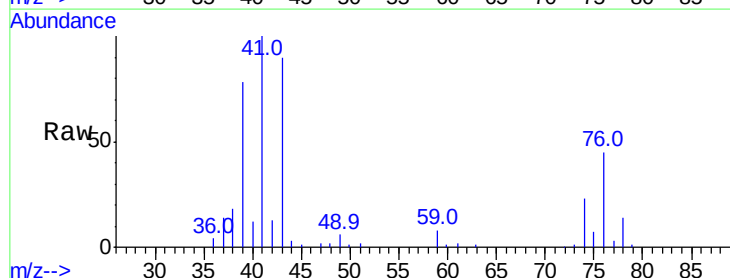
Tgt Ion: 41 Resp: 118466

Ion Ratio Lower Upper

41 100

39 77.5 57.8 86.8

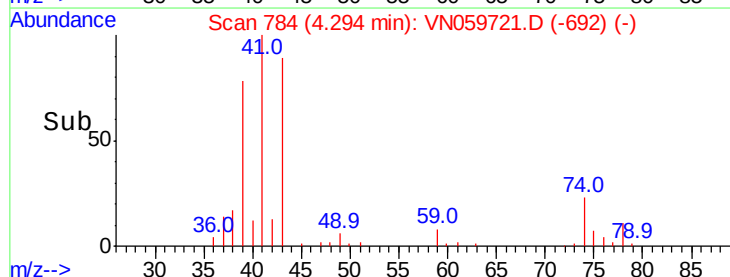
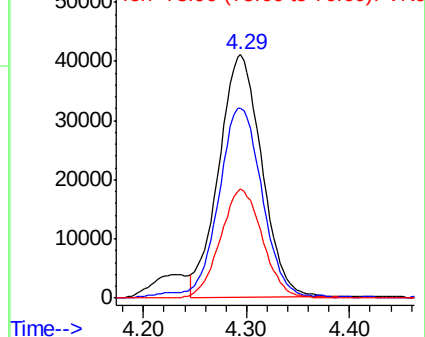
76 44.0 25.4 38.0#

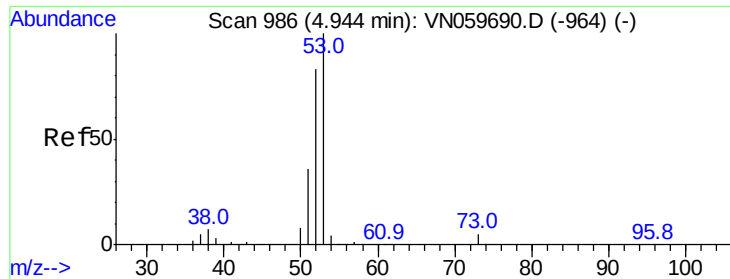


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

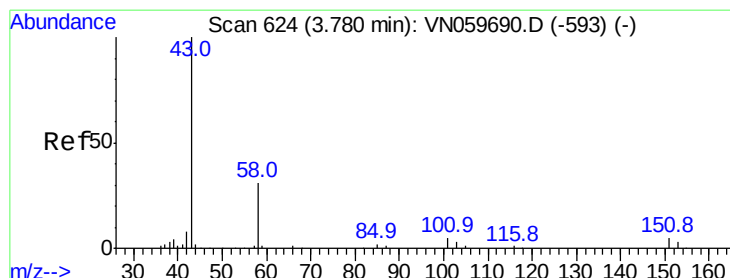
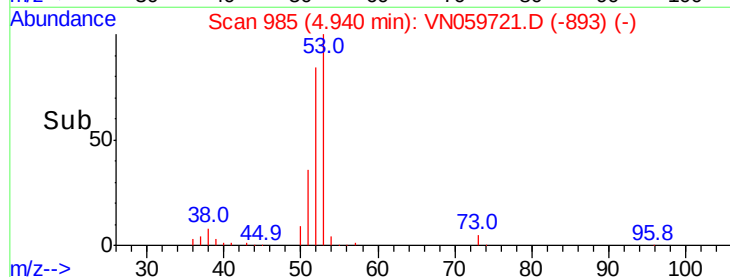
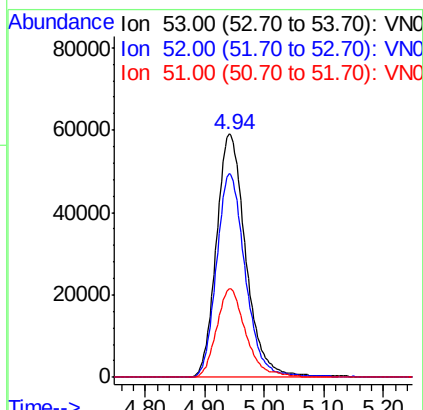
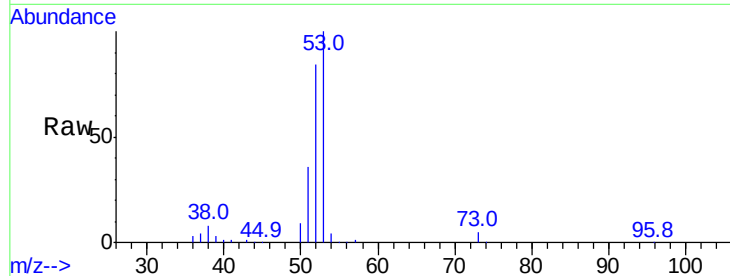




#15
 Acrylonitrile
 Concen: 225.168 ug/l
 RT: 4.94 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

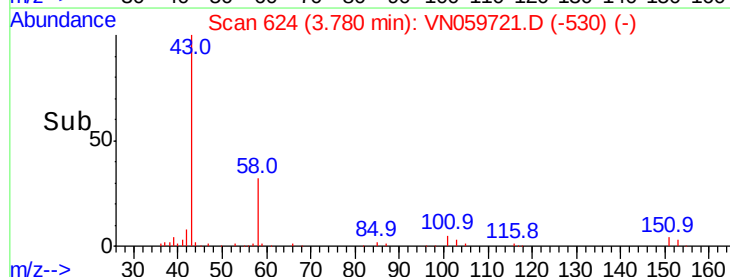
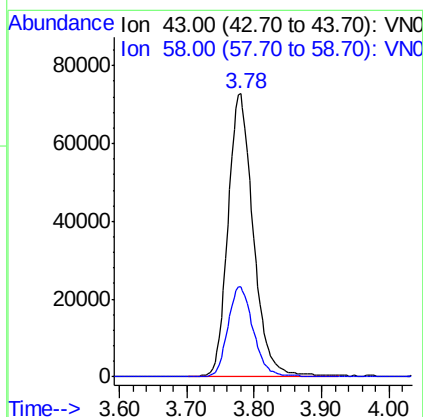
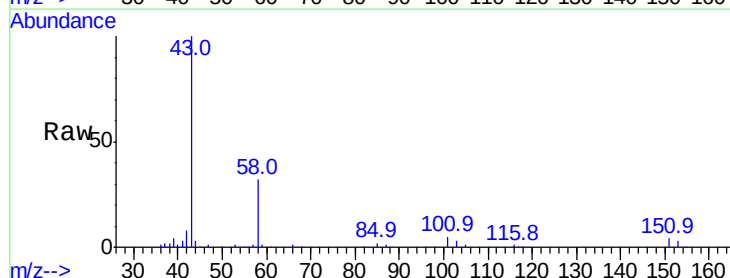
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

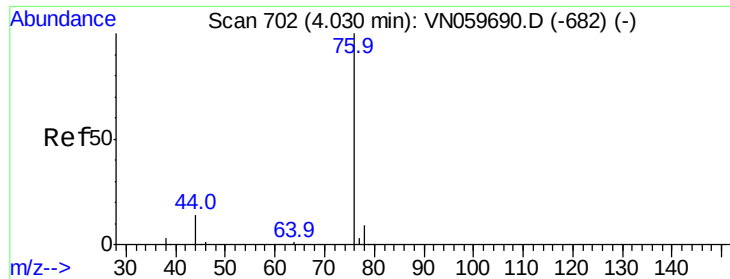
Tgt Ion:	53	Resp:	202314
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.3	99.5
51	36.4	29.7	44.5



#16
 Acetone
 Concen: 238.635 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion:	43	Resp:	190803
Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.6	35.4

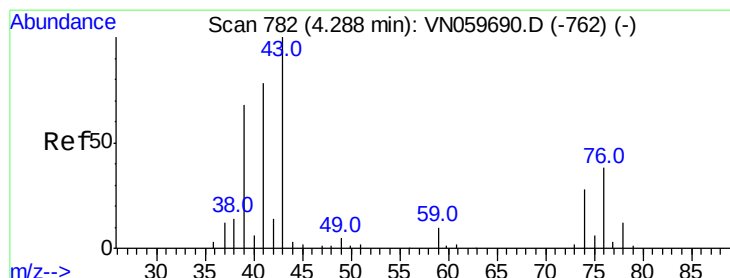
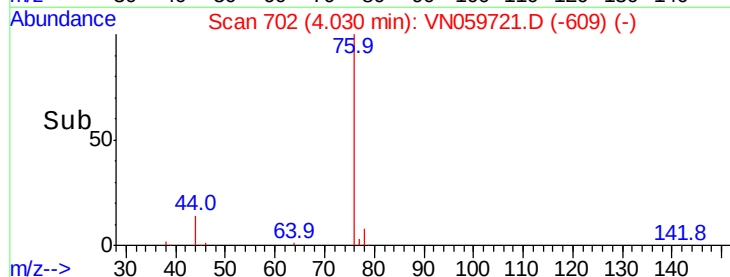
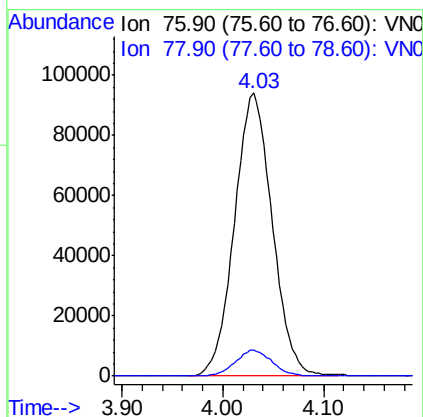
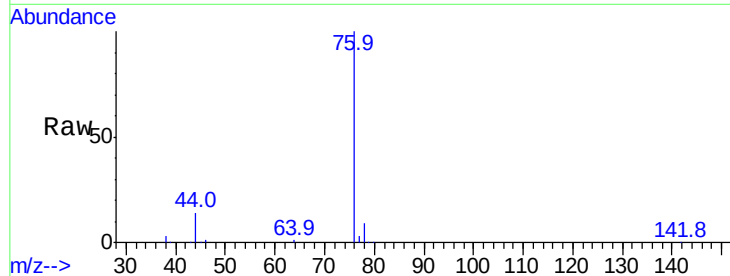




#17
Carbon Disulfide
Concen: 44.490 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

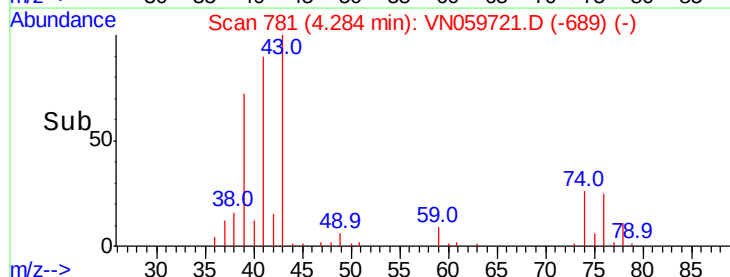
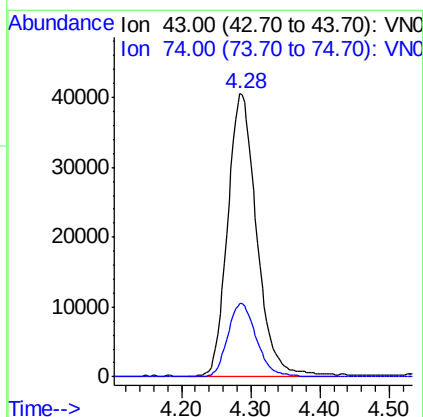
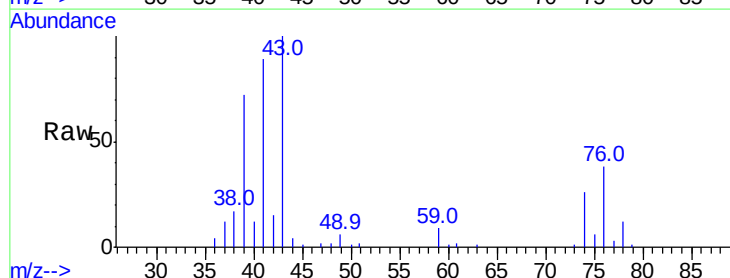
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

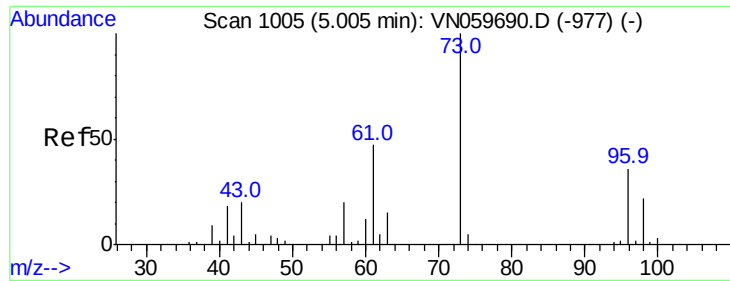
Tgt Ion: 76 Resp: 244303
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 43.682 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 43 Resp: 119385
Ion Ratio Lower Upper
43 100
74 25.5 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 45.938 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

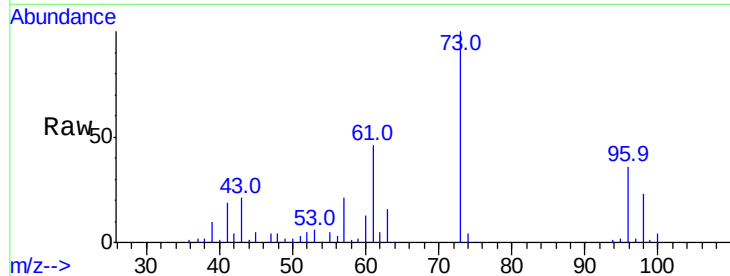
VSTDCCC050

Tgt Ion: 73 Resp: 288712

Ion Ratio Lower Upper

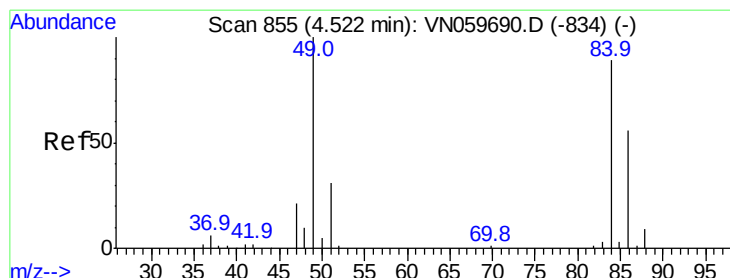
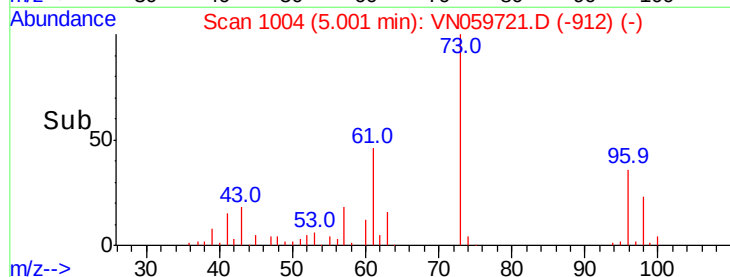
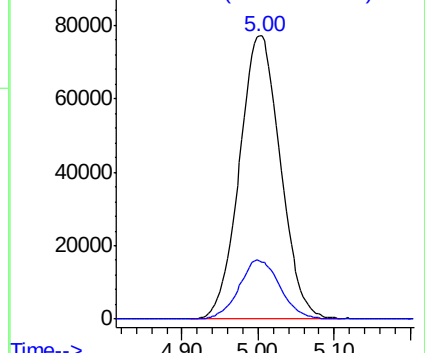
73 100

57 20.6 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 45.381 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Tgt Ion: 84 Resp: 96319

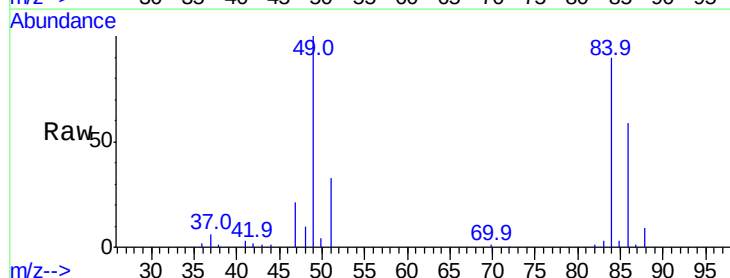
Ion Ratio Lower Upper

84 100

49 111.7 106.6 160.0

51 36.6 31.9 47.9

86 65.4 50.8 76.2

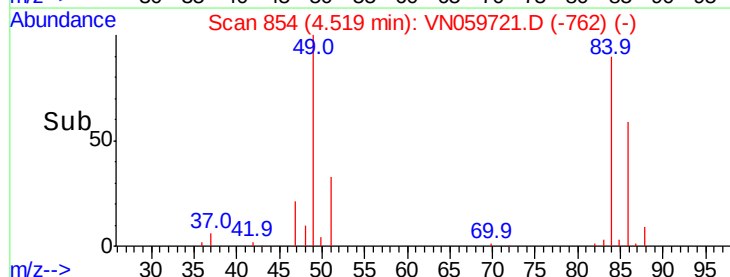
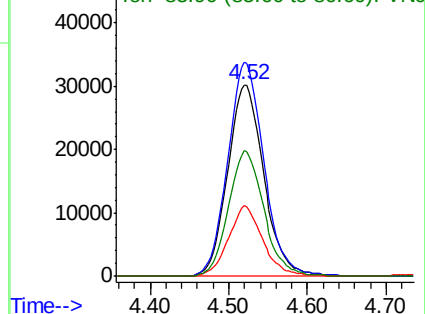


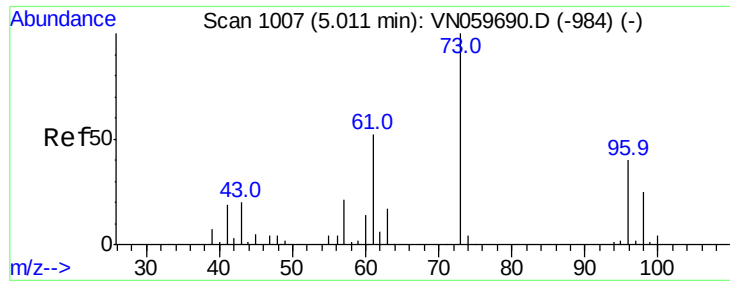
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

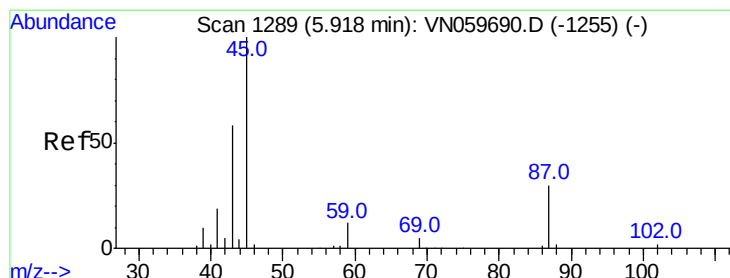
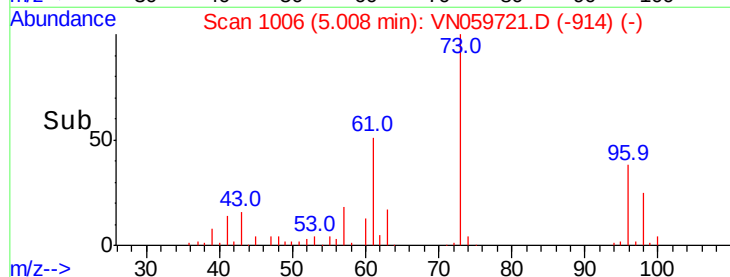
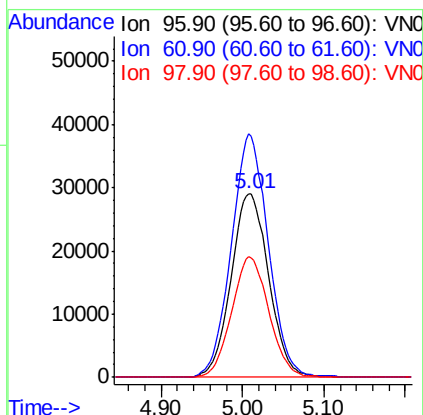
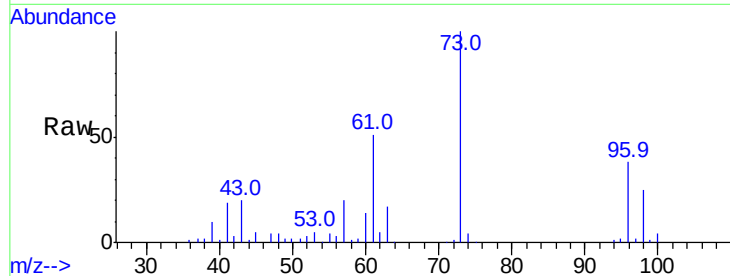




#21
trans-1,2-Dichloroethene
Concen: 45.500 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

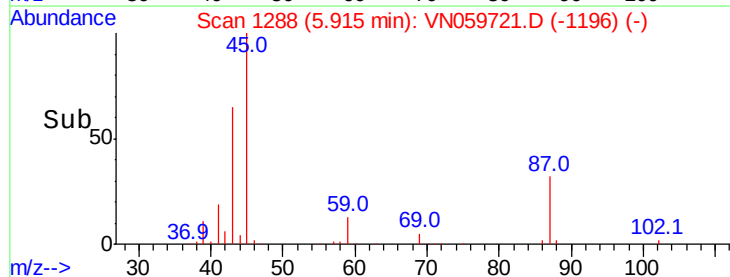
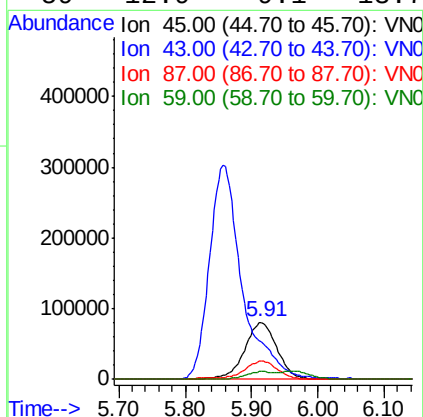
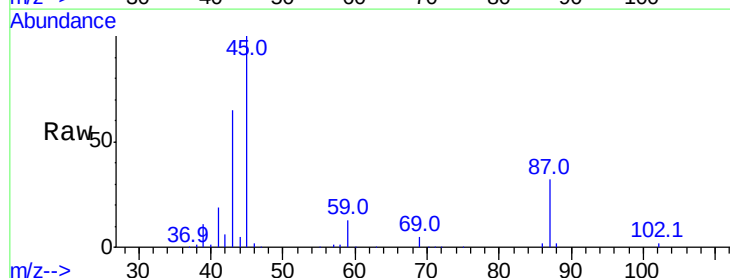
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

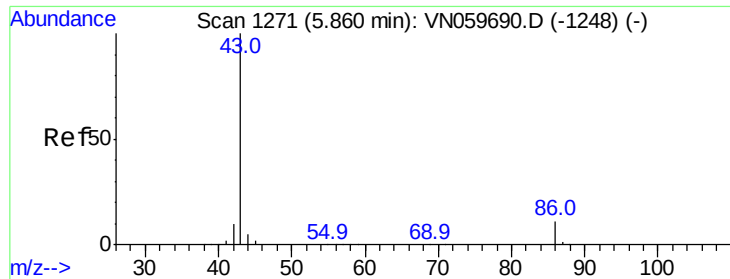
Tgt Ion: 96 Resp: 93230
Ion Ratio Lower Upper
96 100
61 132.5 120.4 180.6
98 65.6 50.6 75.8



#22
Diisopropyl ether
Concen: 45.857 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 45 Resp: 270009
Ion Ratio Lower Upper
45 100
43 63.7 50.8 76.2
87 31.8 21.0 31.6#
59 12.9 9.1 13.7

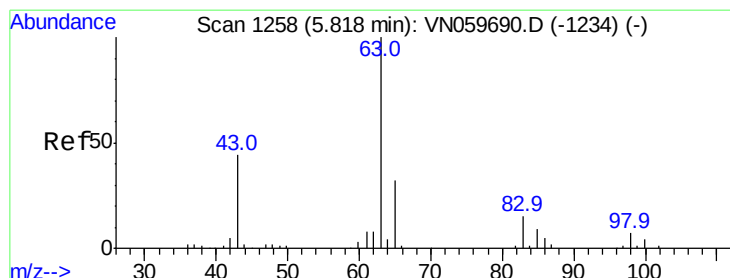
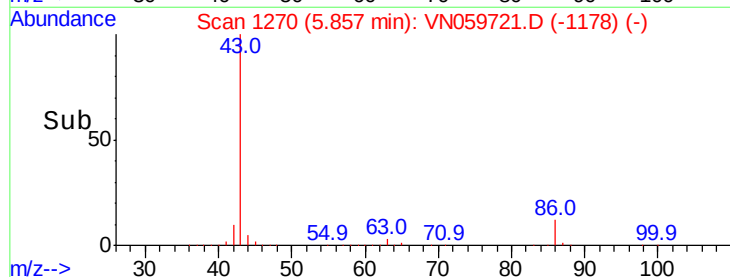
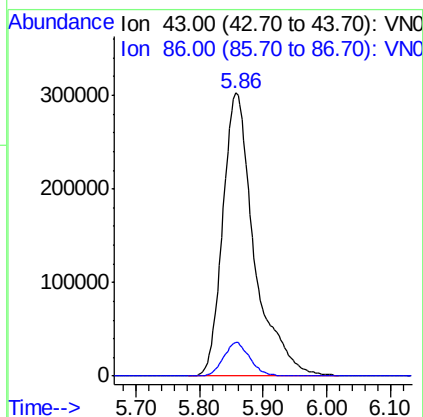
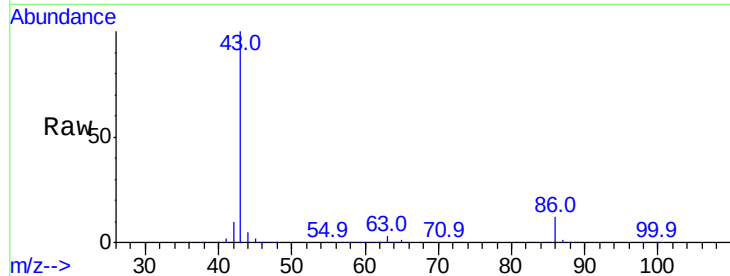




#23
 Vinyl Acetate
 Concen: 228.762 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

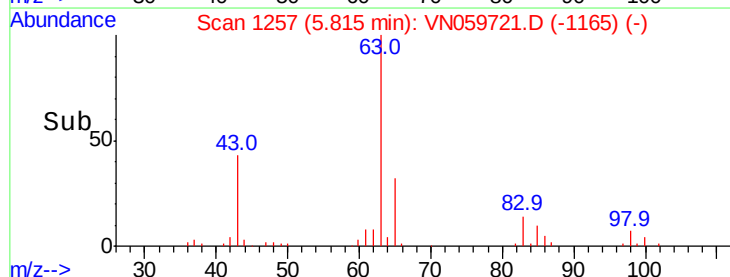
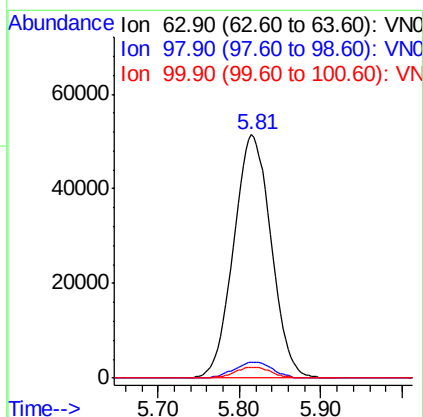
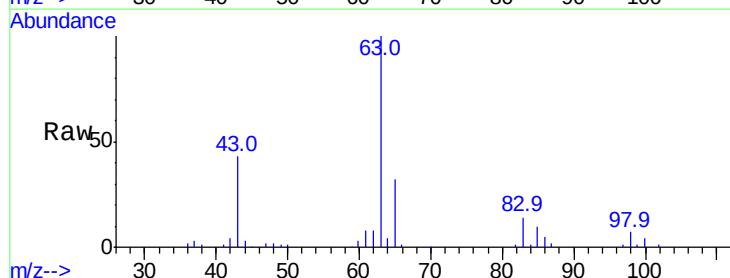
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

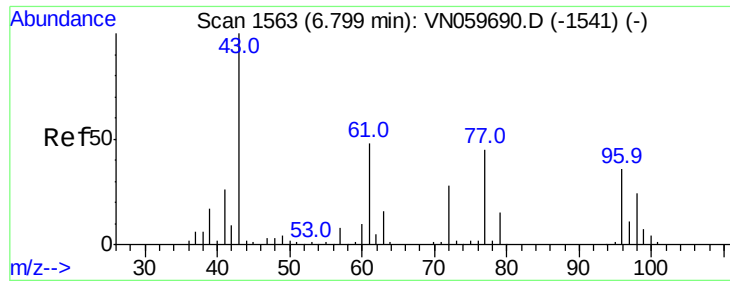
Tgt Ion: 43 Resp: 1042867
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 45.599 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion: 63 Resp: 164051
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.7
 100 4.4 2.0 6.0

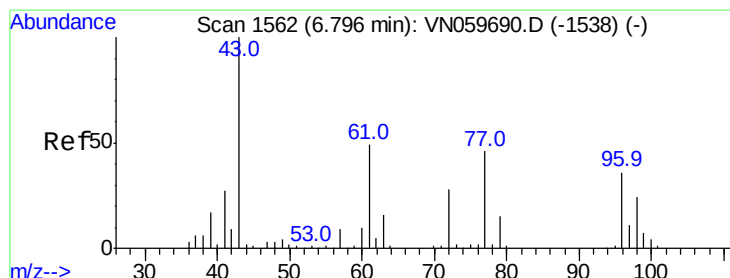
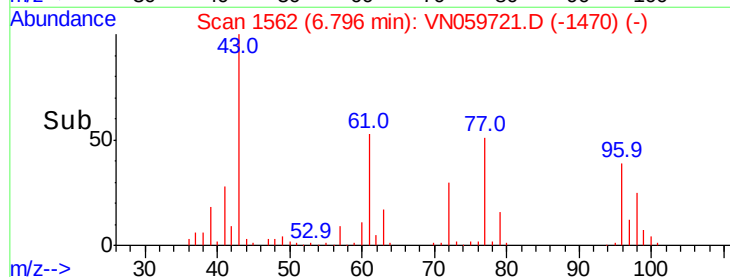
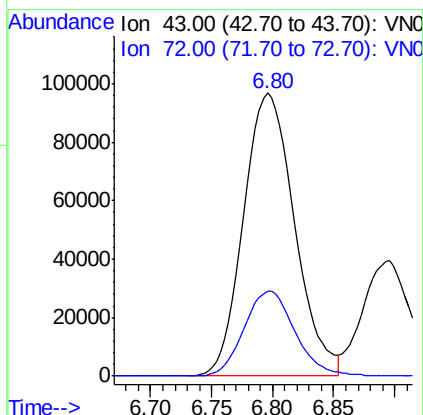
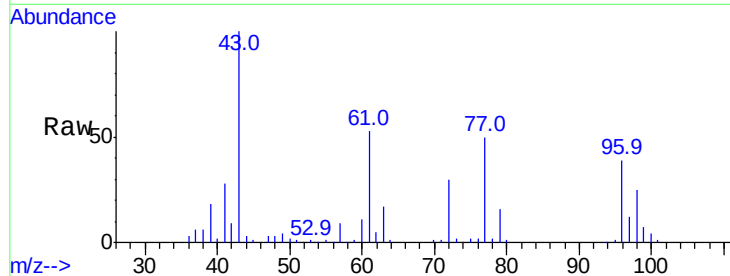




#25
2-Butanone
Concen: 212.460 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

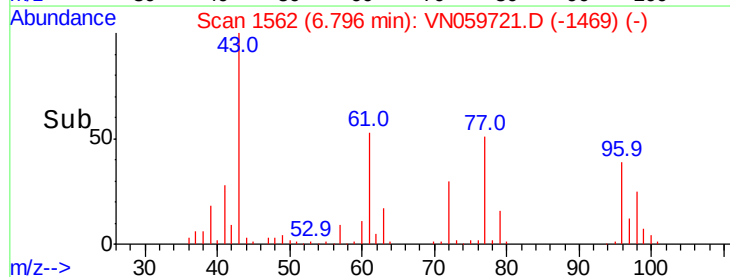
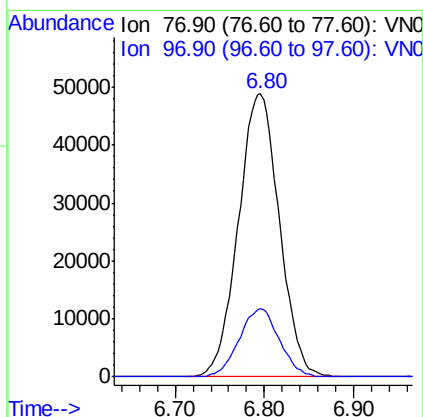
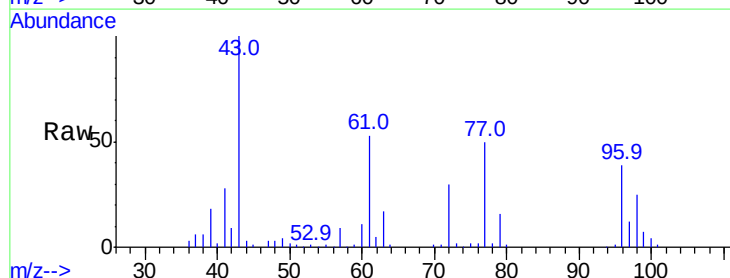
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

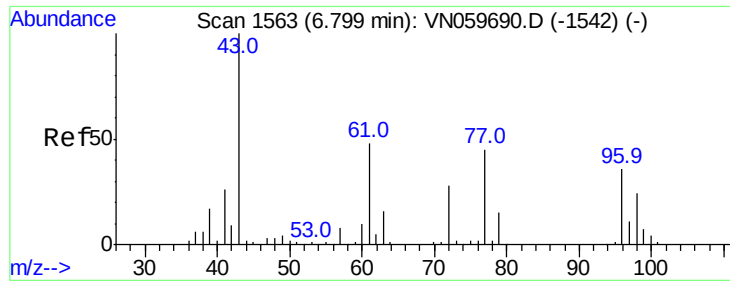
Tgt Ion: 43 Resp: 281513
Ion Ratio Lower Upper
43 100
72 29.9 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 45.060 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 77 Resp: 155851
Ion Ratio Lower Upper
77 100
97 23.5 10.7 31.9

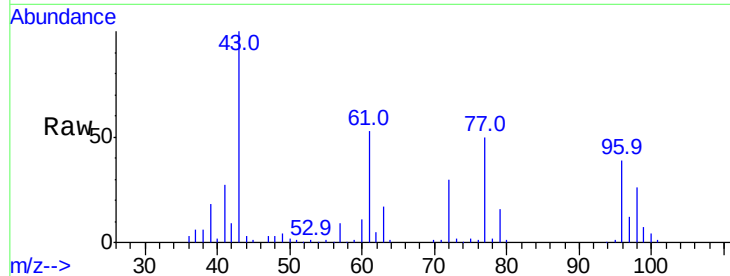




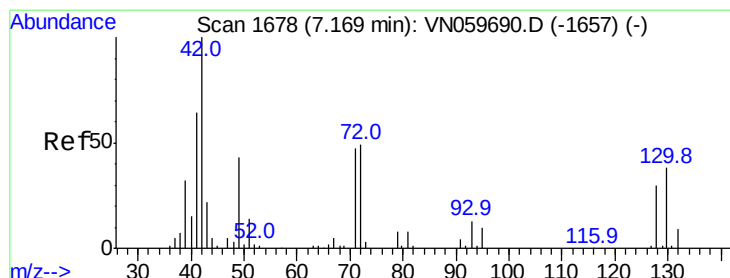
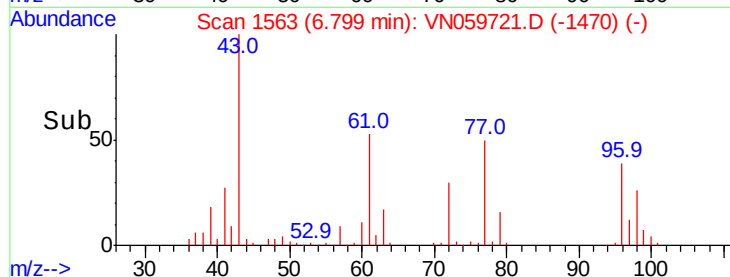
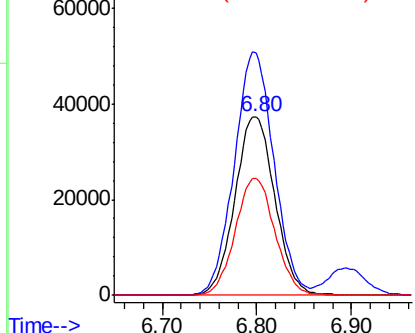
#27
 cis-1,2-Dichloroethene
 Concen: 46.463 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 109502
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 317.6
 98 65.0 0.0 127.0

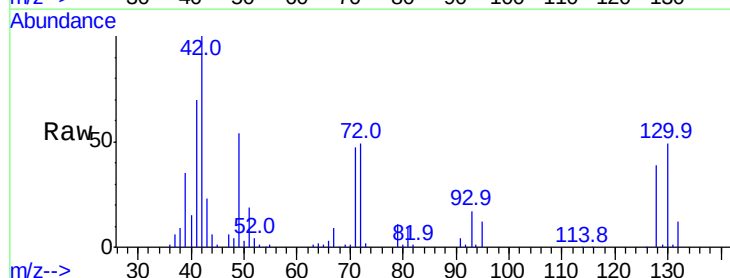


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

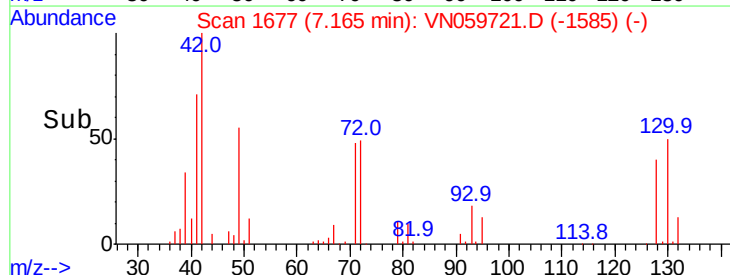
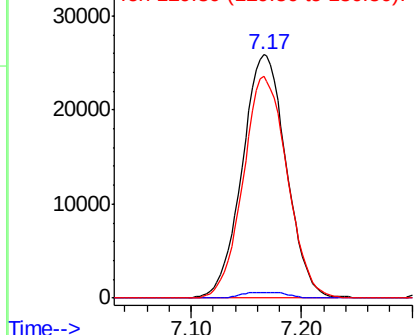


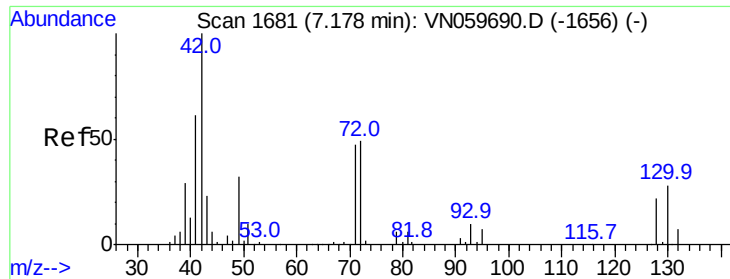
#28
 Bromochloromethane
 Concen: 49.816 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion: 49 Resp: 71633
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 91.1 54.7 82.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 208.068 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

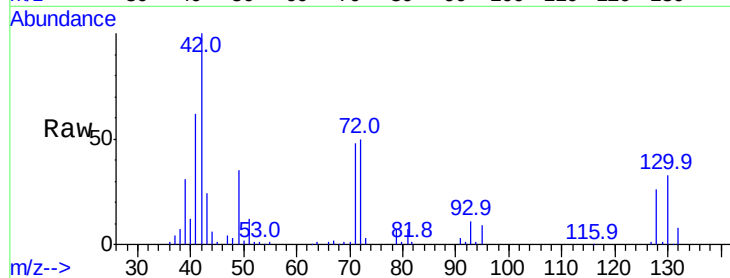
Tgt Ion: 42 Resp: 170577

Ion Ratio Lower Upper

42 100

72 49.5 33.1 49.7

71 46.9 31.4 47.0

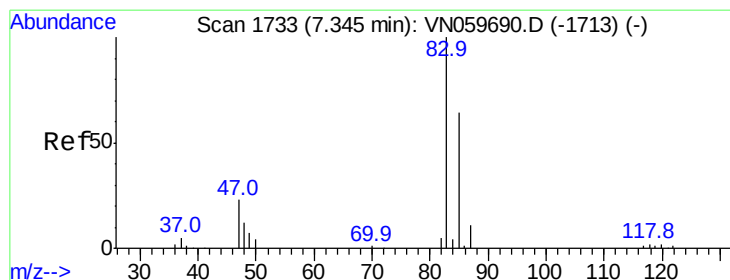
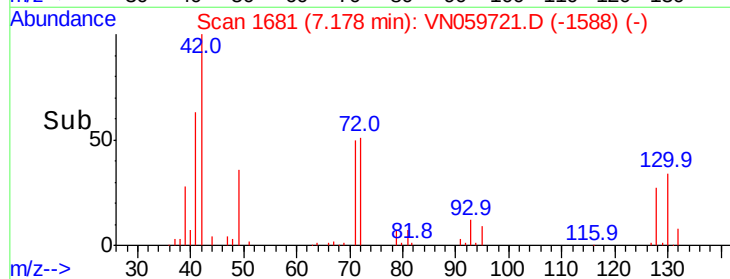
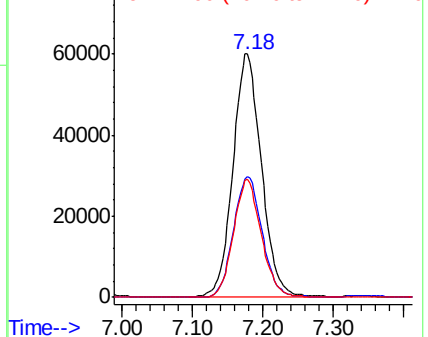


Abundance

Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 46.818 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN059721.D

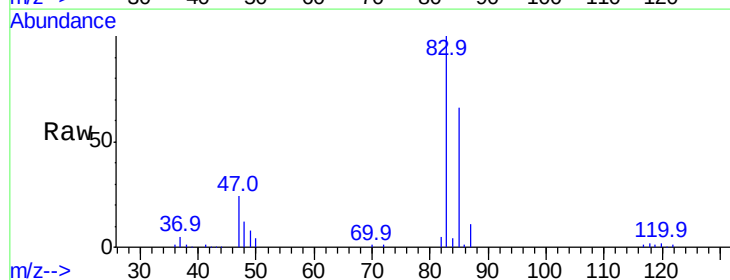
Acq: 16 Jan 2020 10:10

Tgt Ion: 83 Resp: 174522

Ion Ratio Lower Upper

83 100

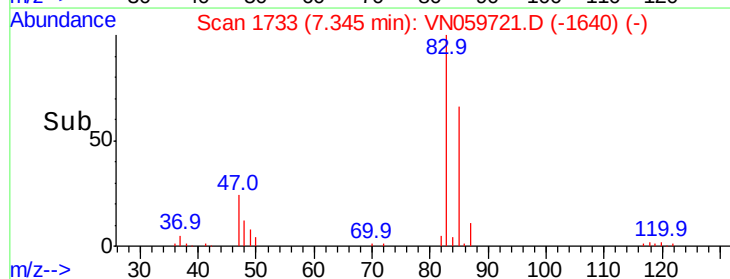
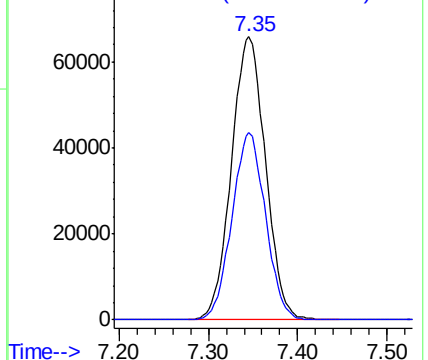
85 66.4 52.4 78.6

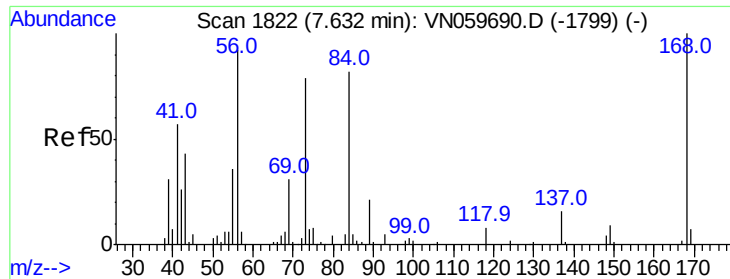


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

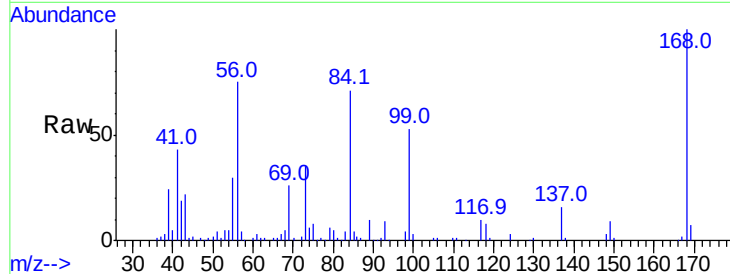




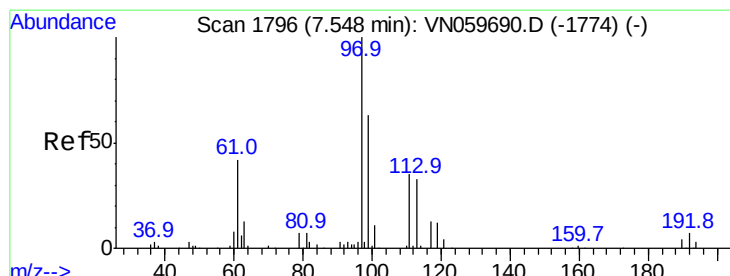
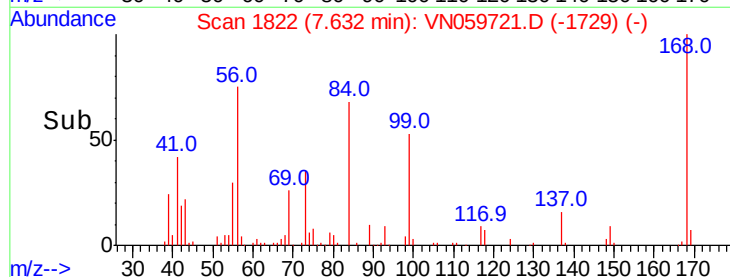
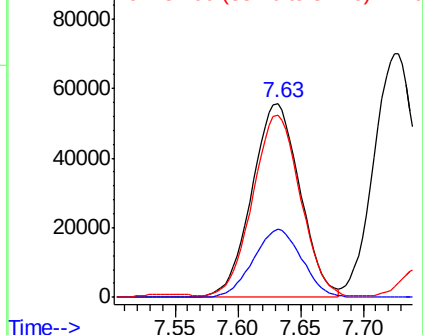
#31
Cyclohexane
Concen: 42.992 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 148835
Ion Ratio Lower Upper
56 100
69 35.0 26.5 39.7
84 92.9 65.3 97.9

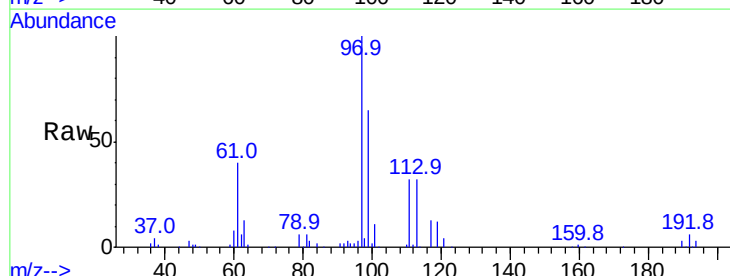


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

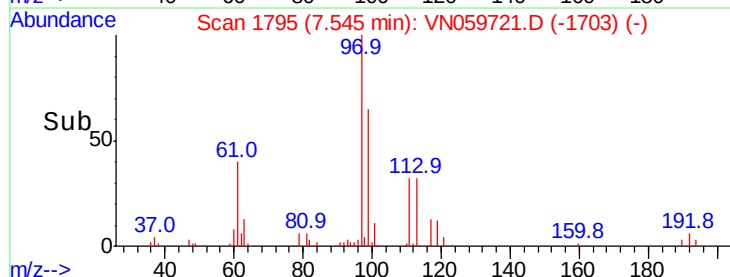
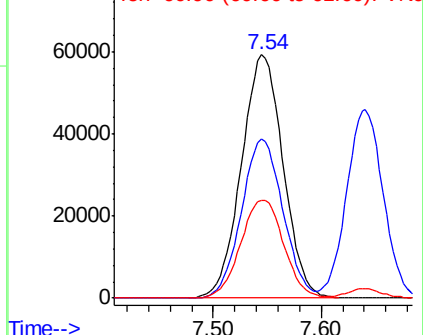


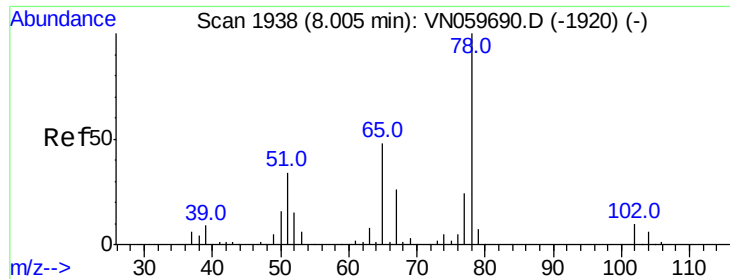
#32
1,1,1-Trichloroethane
Concen: 46.222 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 97 Resp: 159311
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 41.4 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

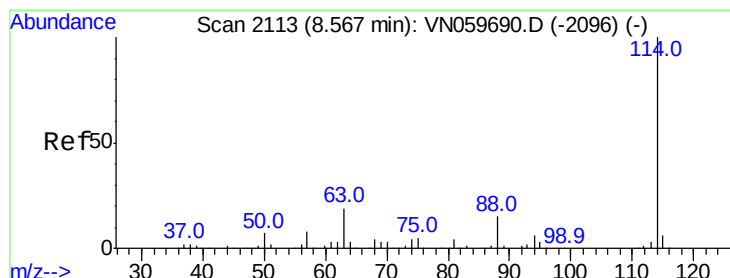
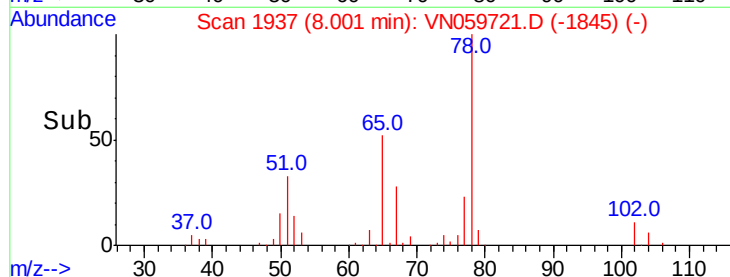
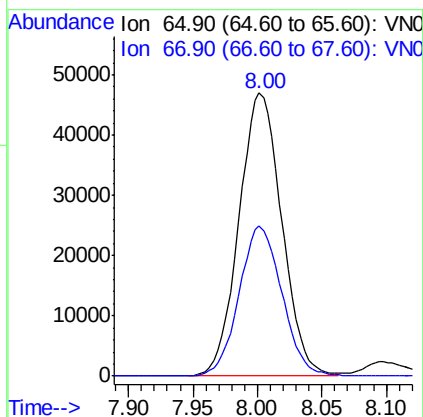
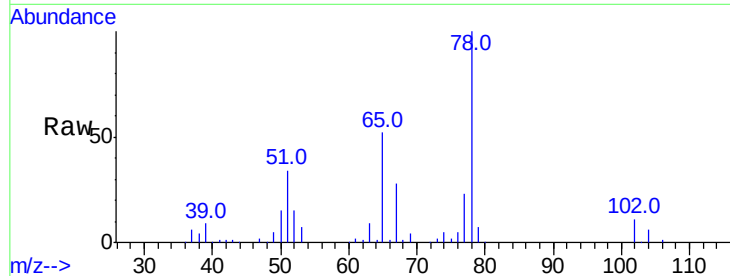




#33
 1,2-Dichloroethane-d4
 Concen: 46.480 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

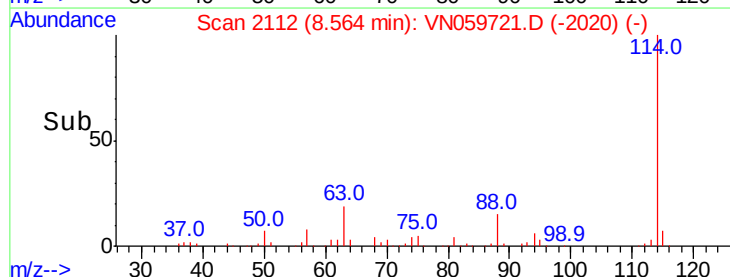
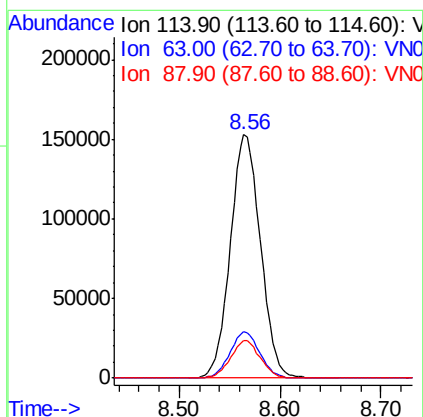
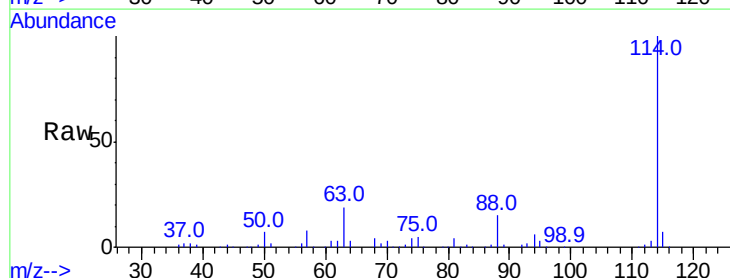
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

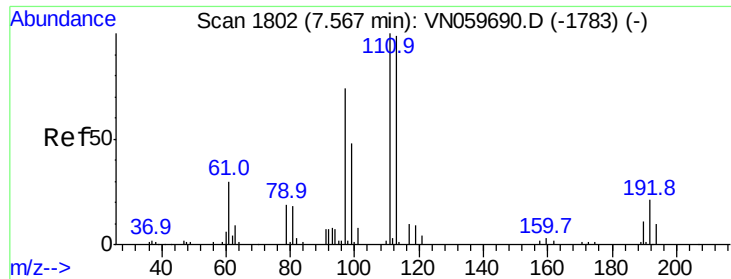
Tgt Ion: 65 Resp: 108753
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion: 114 Resp: 317990
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 15.2 0.0 31.4

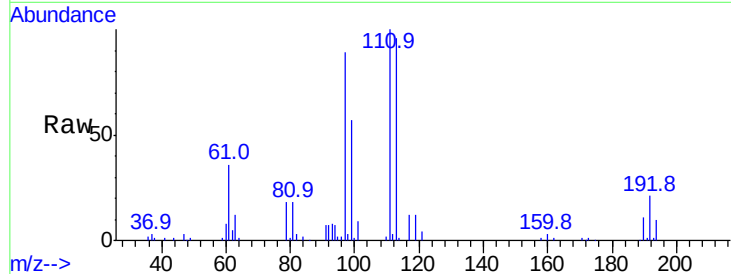




#35
 Dibromofluoromethane
 Concen: 49.289 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 93468
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.5 125.3
 192 21.4 15.4 23.2

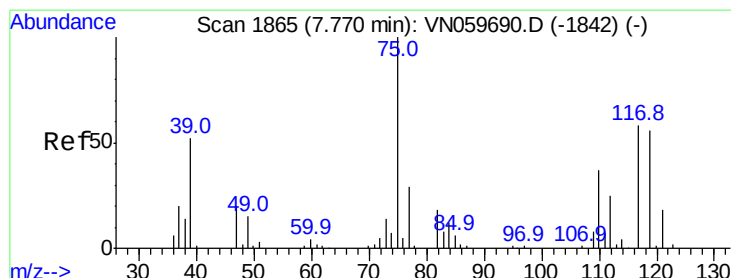
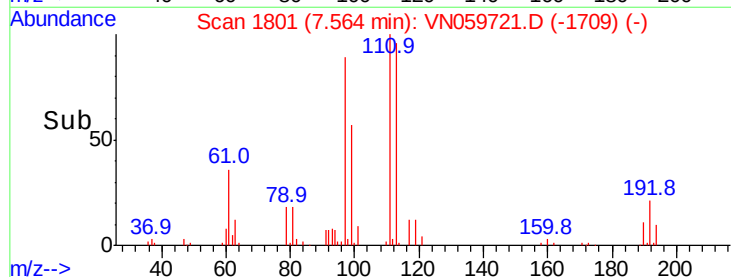
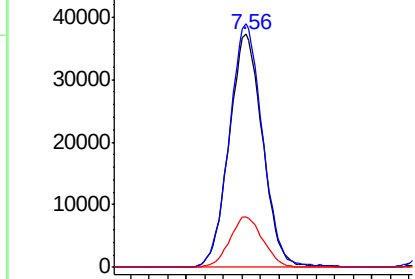


Abundance

Ion 112.80 (112.50 to 113.50): V

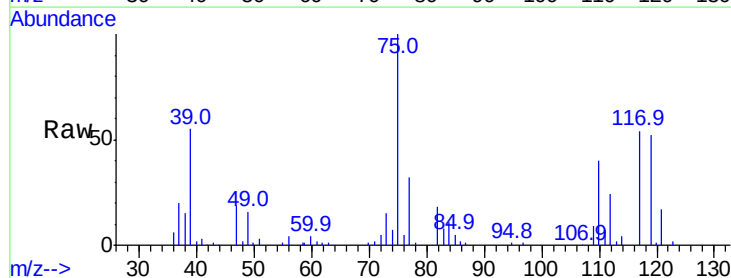
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 46.940 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion: 75 Resp: 129984
 Ion Ratio Lower Upper
 75 100
 110 38.3 16.6 49.7
 77 30.7 25.1 37.7

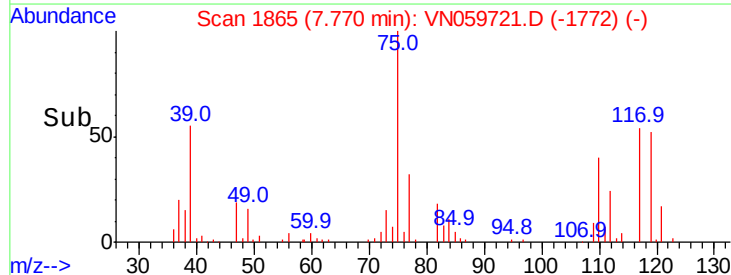
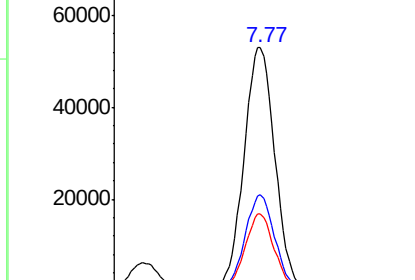


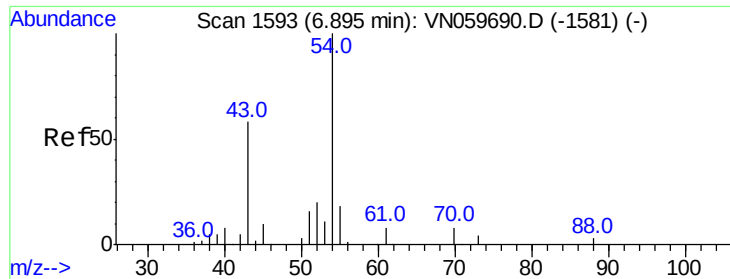
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

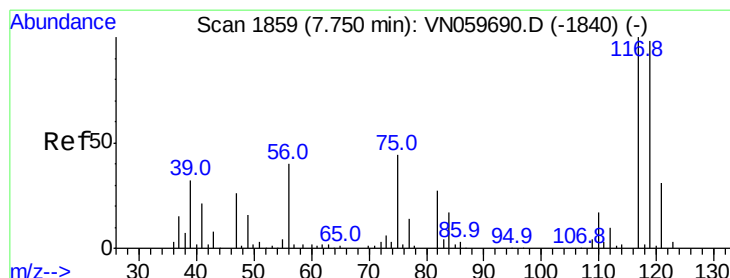
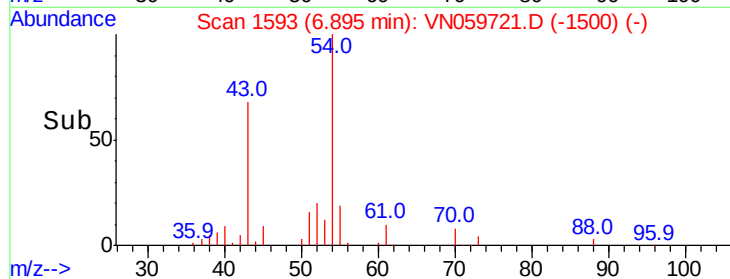
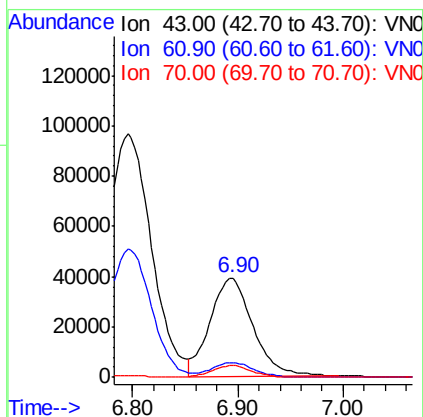
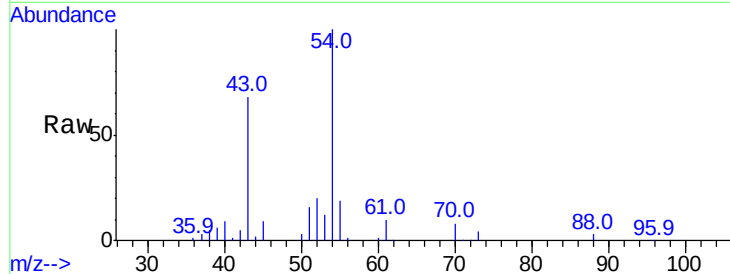




#37
Ethyl Acetate
Concen: 42.745 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

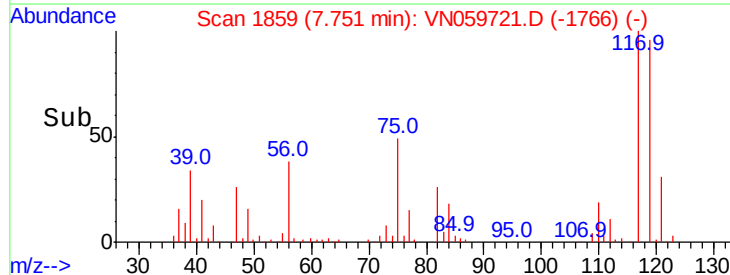
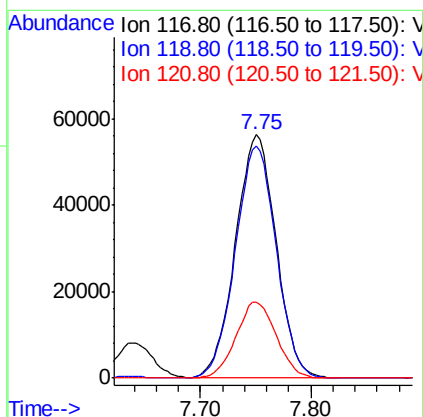
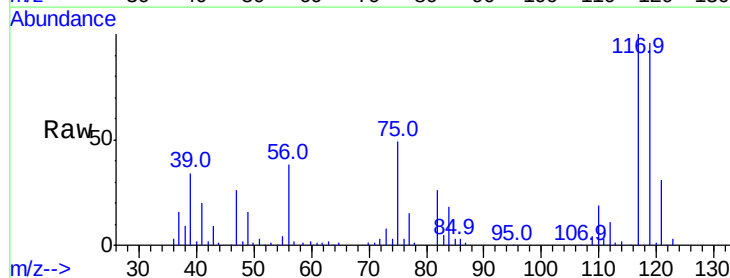
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

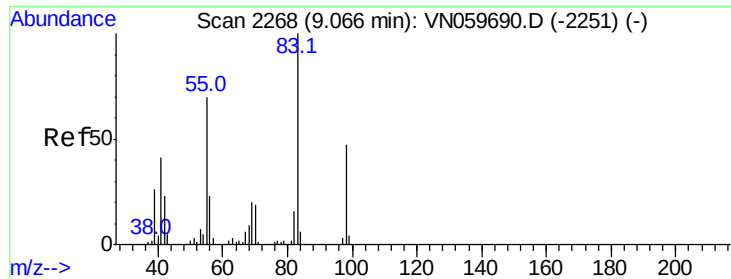
Tgt Ion: 43 Resp: 111020
Ion Ratio Lower Upper
43 100
61 14.7 10.9 16.3
70 11.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 47.678 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 117 Resp: 143621
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 31.1 25.1 37.7

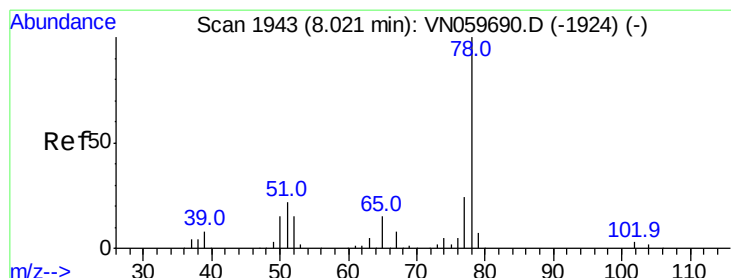
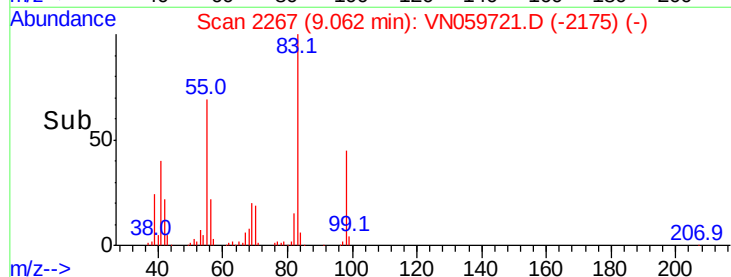
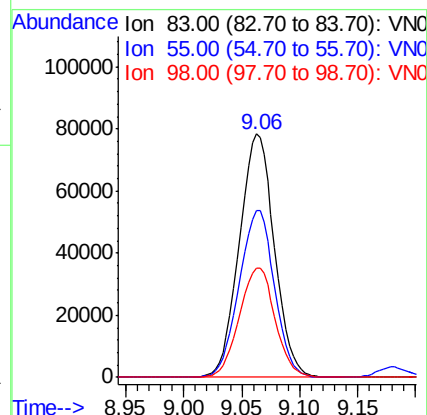
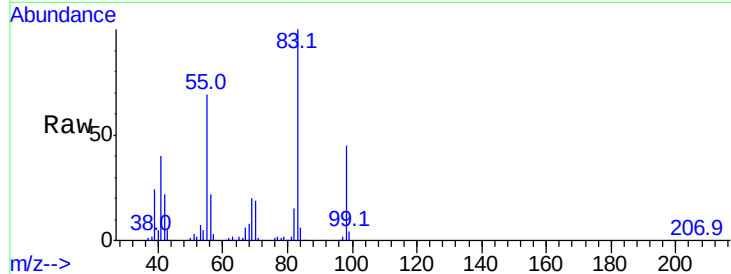




#39
Methylcyclohexane
Concen: 48.076 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

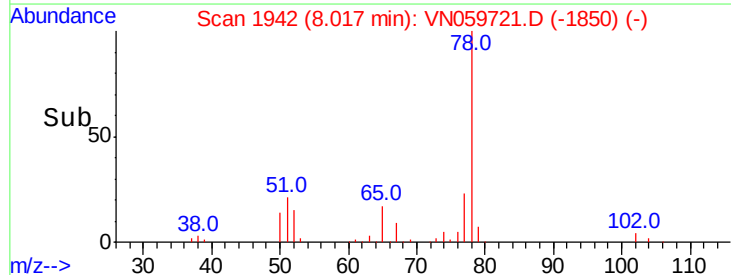
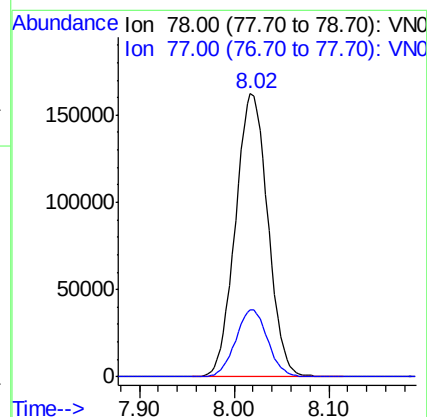
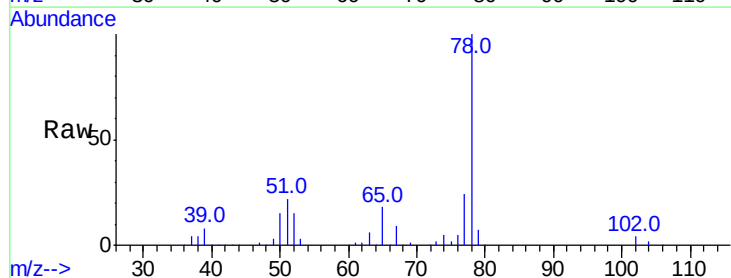
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

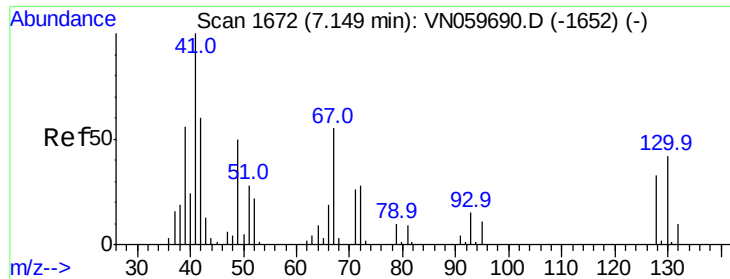
Tgt Ion: 83 Resp: 164155
Ion Ratio Lower Upper
83 100
55 68.7 64.2 96.2
98 44.9 35.9 53.9



#40
Benzene
Concen: 46.752 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 78 Resp: 386110
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

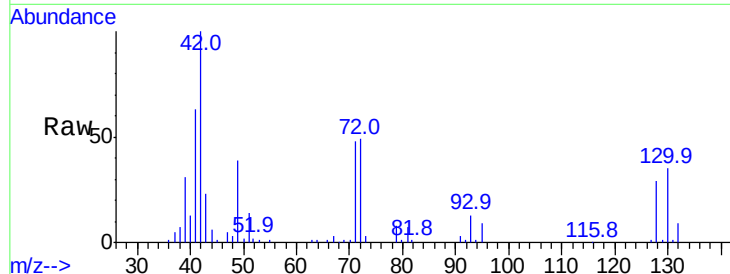




#41
Methacrylonitrile
Concen: 124.530 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	159310
Ion	Ratio	Lower	Upper
41	100		
39	53.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



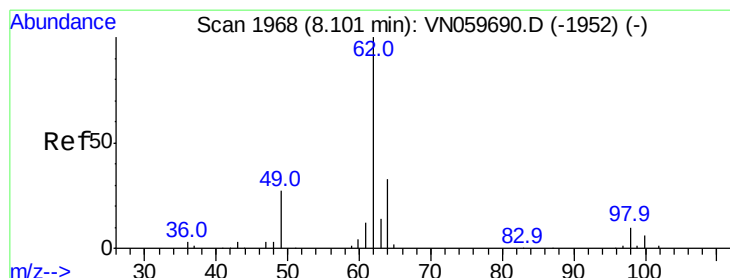
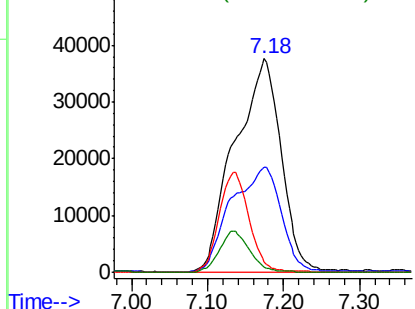
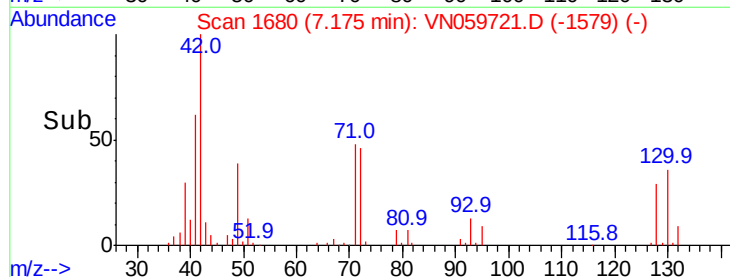
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

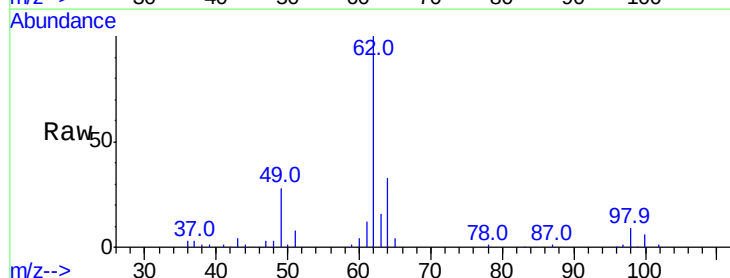
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 46.251 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

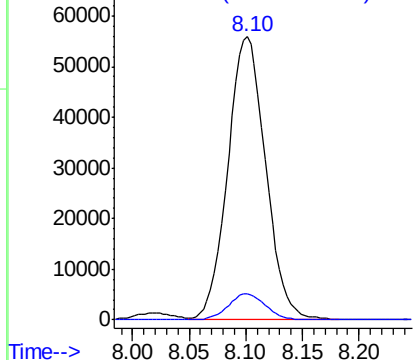
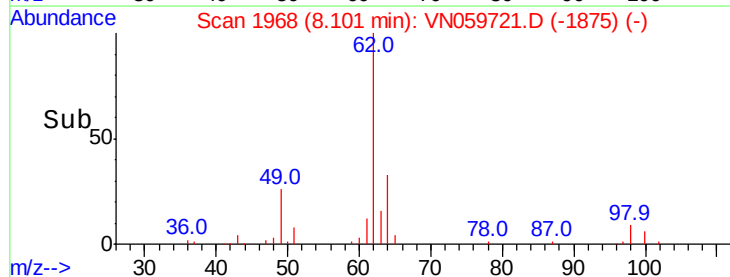
Tgt Ion:	62	Resp:	129509
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8

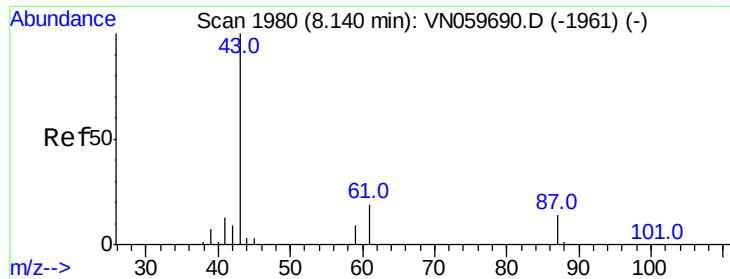


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 43.745 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

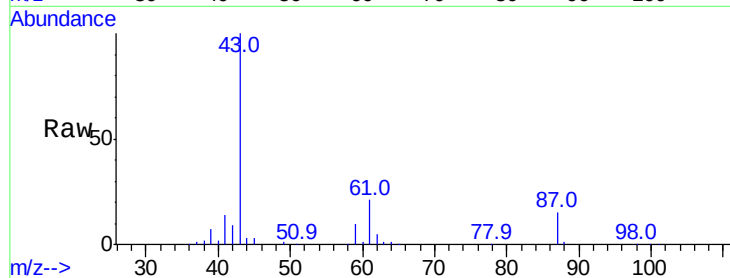
Tgt Ion: 43 Resp: 195425

Ion Ratio Lower Upper

43 100

61 28.3 20.2 30.2

87 15.0 9.5 14.3#

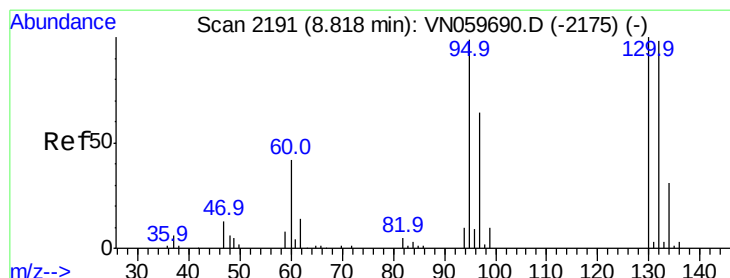
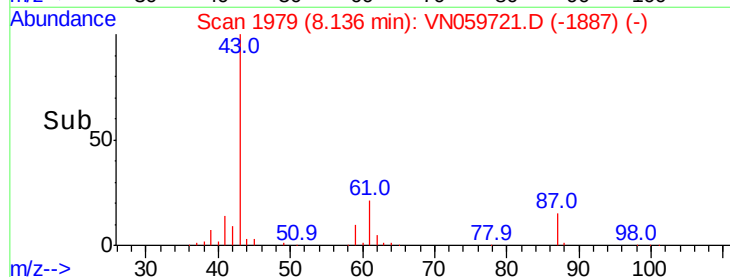
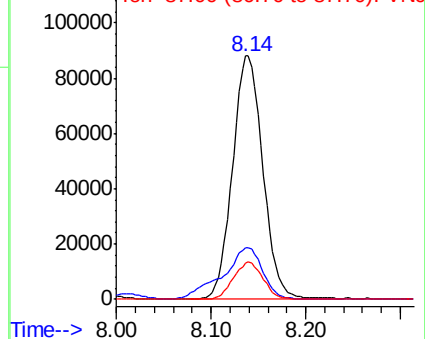


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 49.362 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059721.D

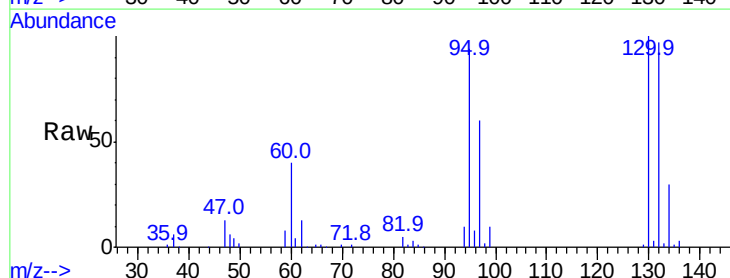
Acq: 16 Jan 2020 10:10

Tgt Ion:130 Resp: 111289

Ion Ratio Lower Upper

130 100

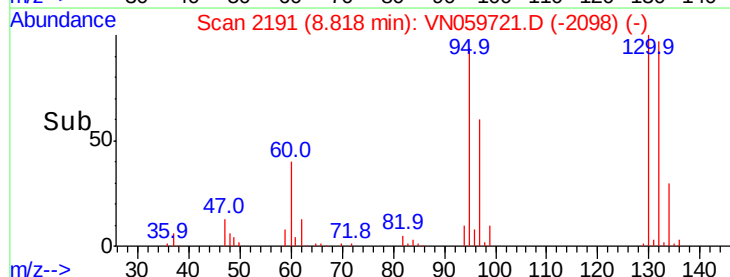
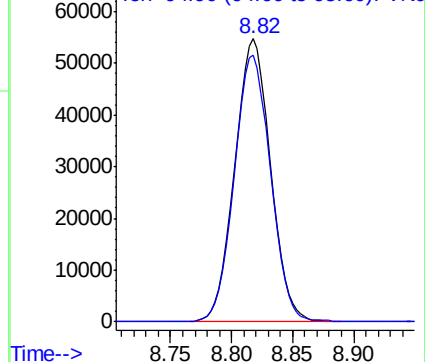
95 94.4 0.0 207.0

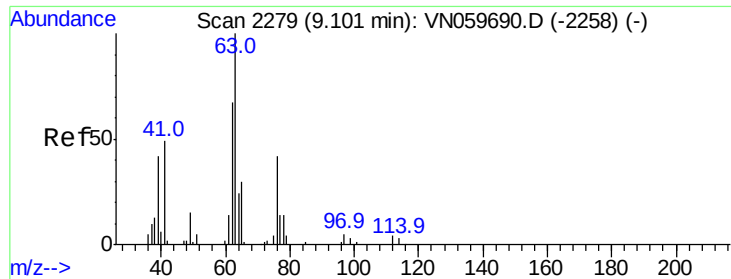


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

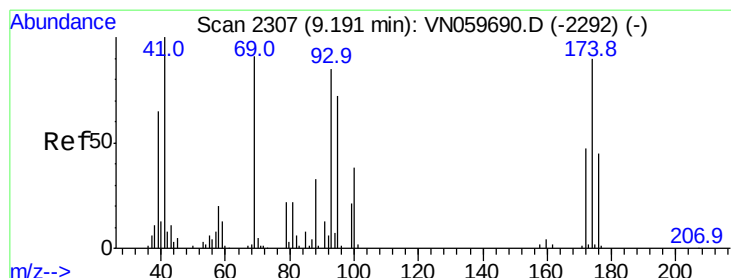
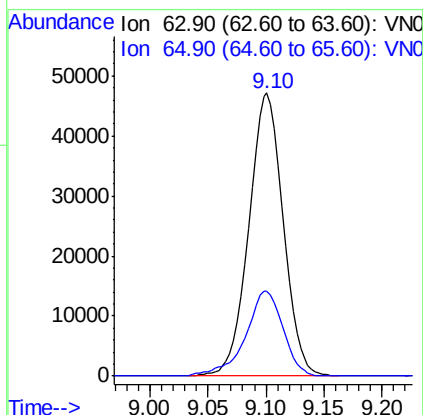
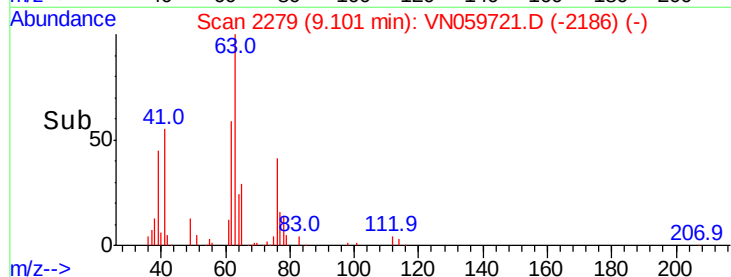
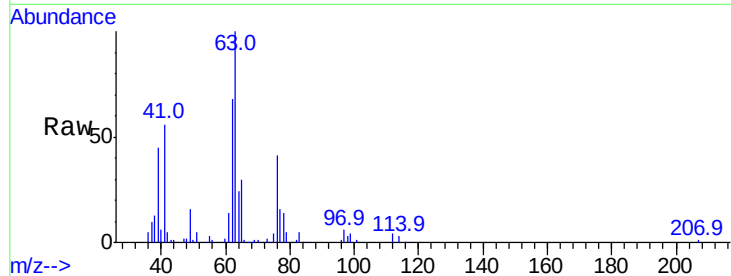




#45
 1,2-Dichloropropane
 Concen: 47.746 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

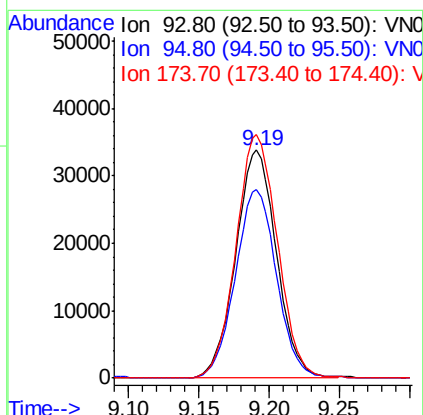
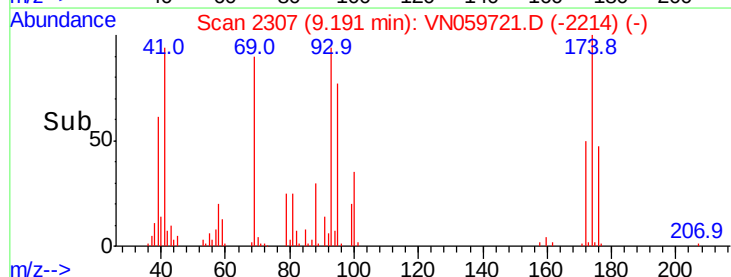
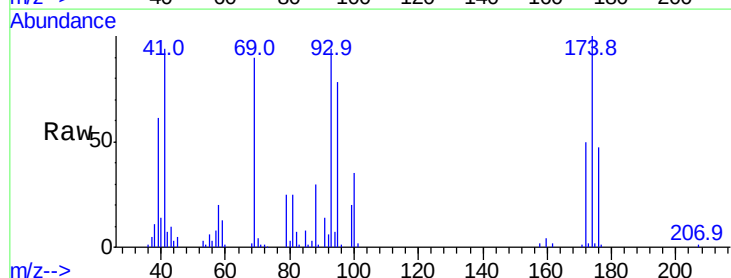
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

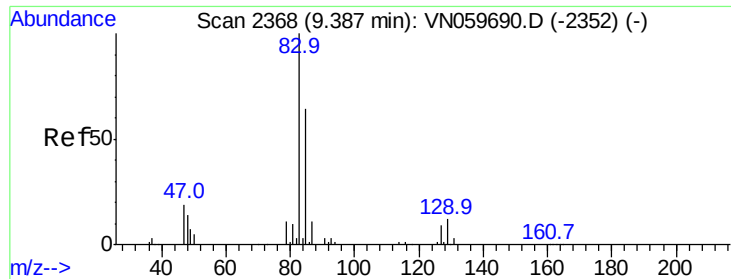
Tgt Ion: 63 Resp: 97575
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.9 37.3



#46
 Dibromomethane
 Concen: 47.483 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion: 93 Resp: 68451
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 108.9 73.4 110.2

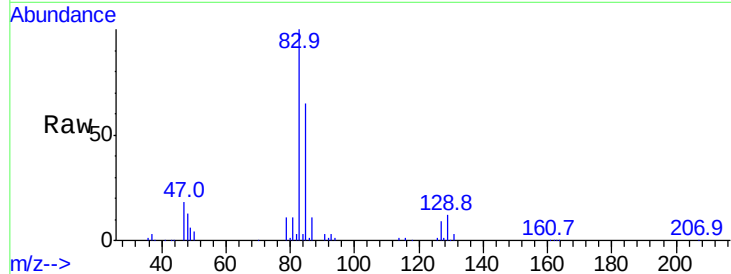




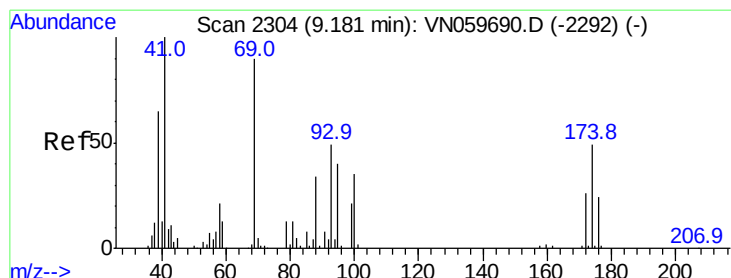
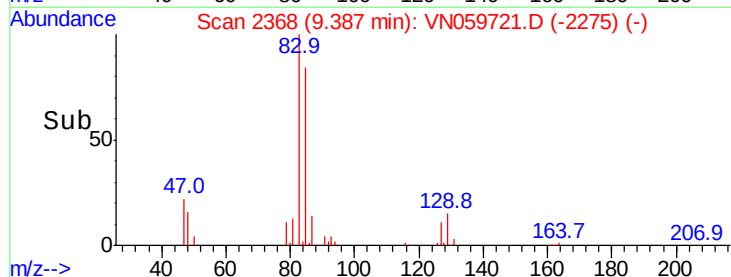
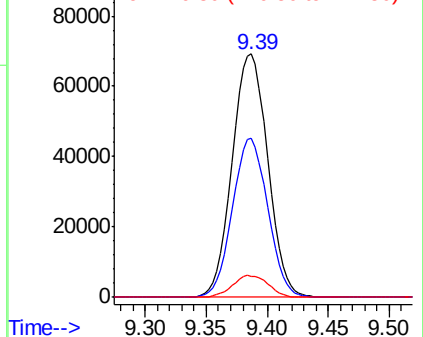
#47
Bromodichloromethane
Concen: 48.295 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 140299
Ion Ratio Lower Upper
83 100
85 65.3 51.1 76.7
127 8.8 6.6 9.8

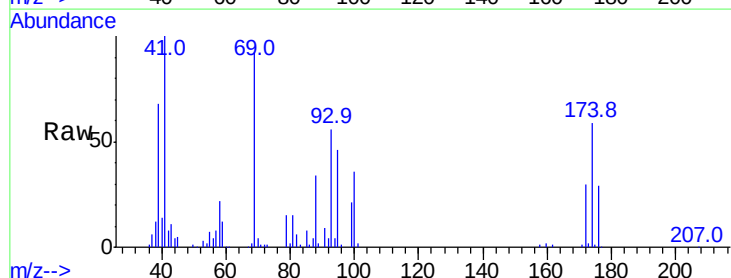


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

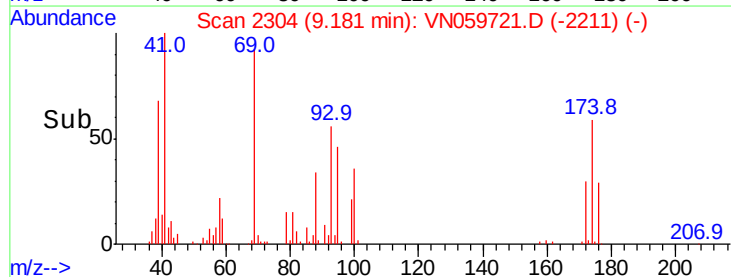
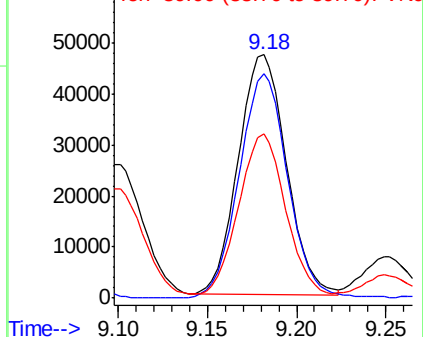


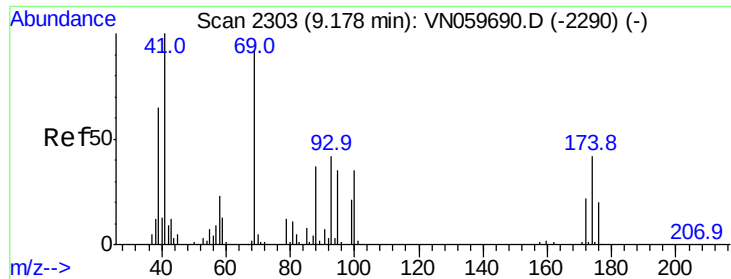
#48
Methyl methacrylate
Concen: 44.346 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 41 Resp: 88613
Ion Ratio Lower Upper
41 100
69 94.7 64.4 96.6
39 68.1 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

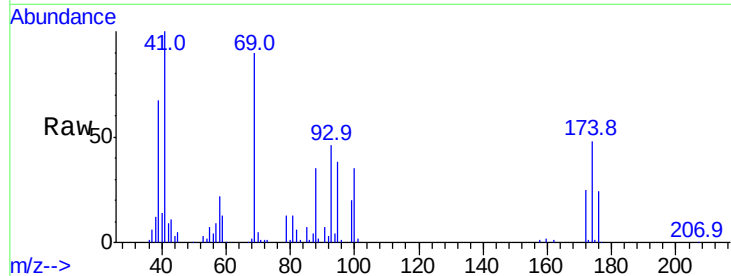




#49
1,4-Dioxane
Concen: 935.578 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 34224
Ion Ratio Lower Upper
88 100
43 31.6 29.7 44.5
58 63.7 56.6 85.0

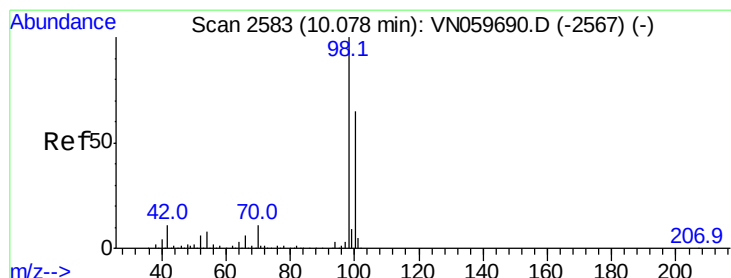
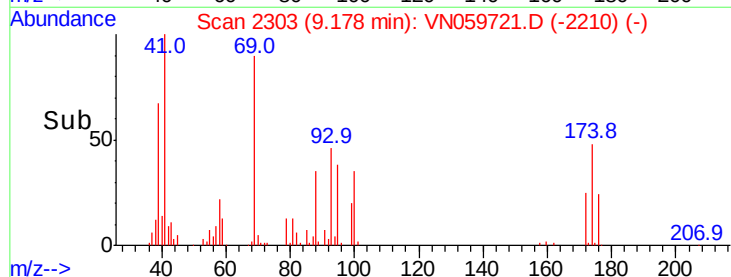
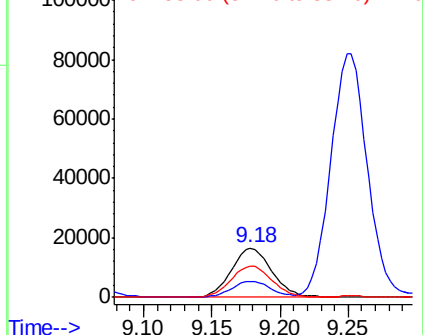


Abundance

Ion 88.00 (87.70 to 88.70): VN0

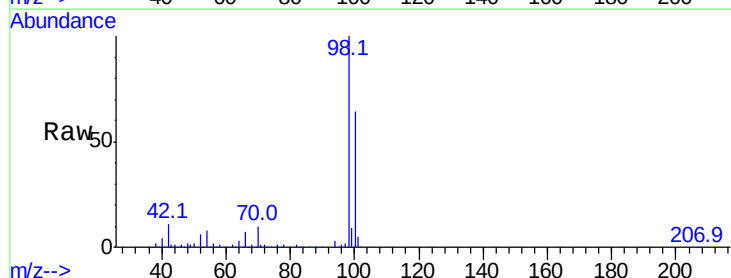
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 48.952 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

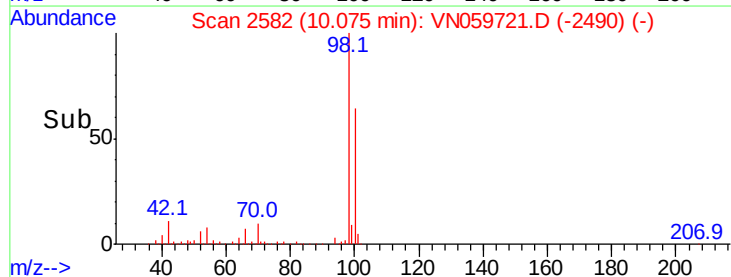
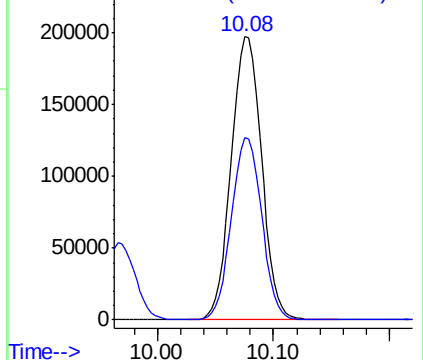
Tgt Ion: 98 Resp: 359664
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8

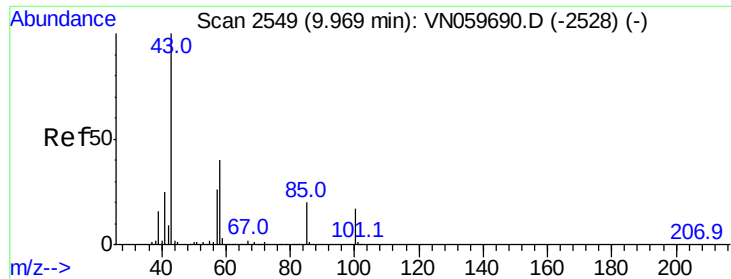


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

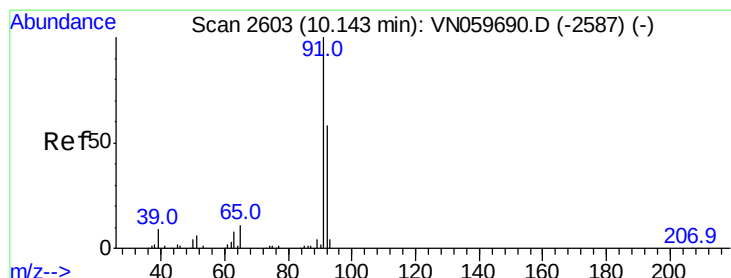
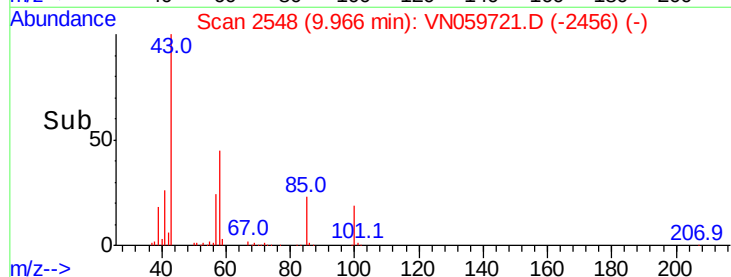
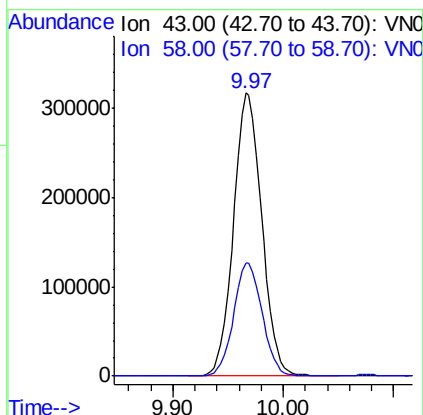
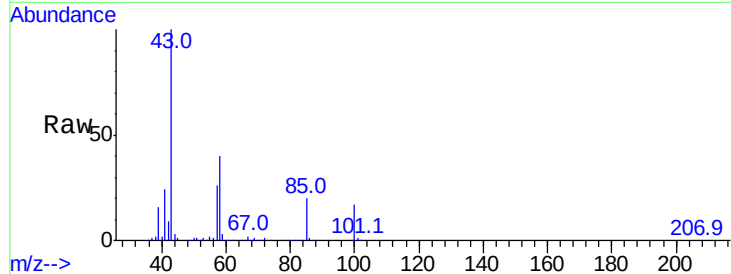




#51
4-Methyl-2-Pentanone
Concen: 218.115 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

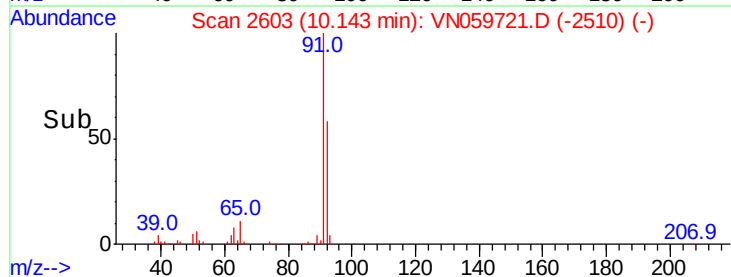
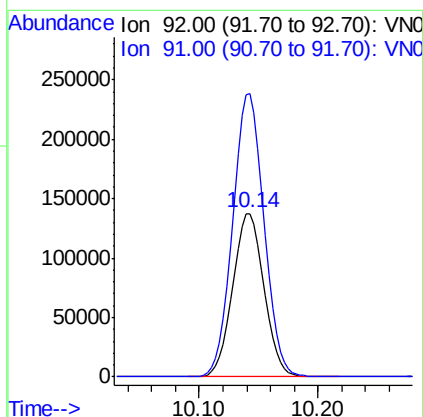
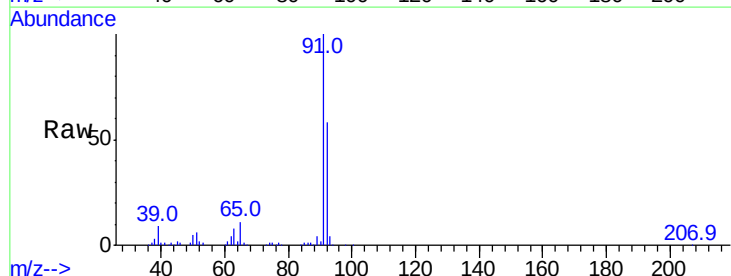
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

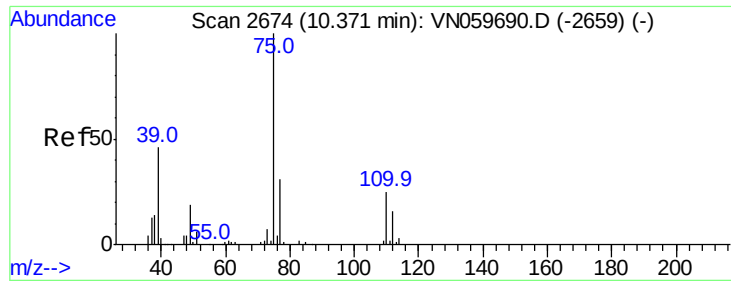
Tgt Ion: 43 Resp: 563270
Ion Ratio Lower Upper
43 100
58 40.4 29.8 44.8



#52
Toluene
Concen: 47.978 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 92 Resp: 250279
Ion Ratio Lower Upper
92 100
91 173.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 47.707 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

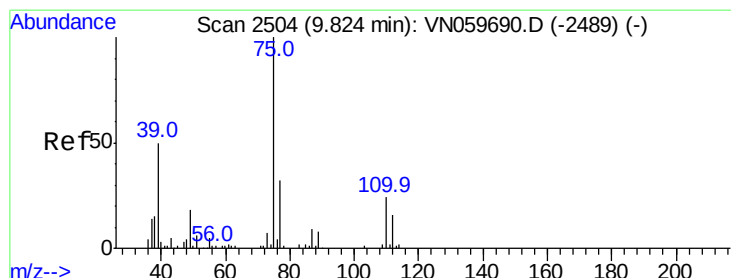
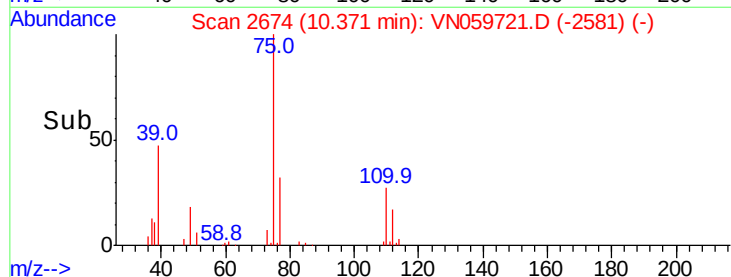
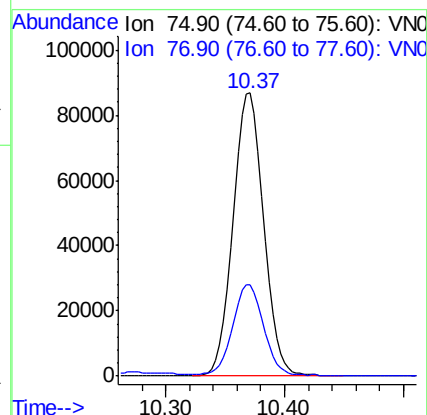
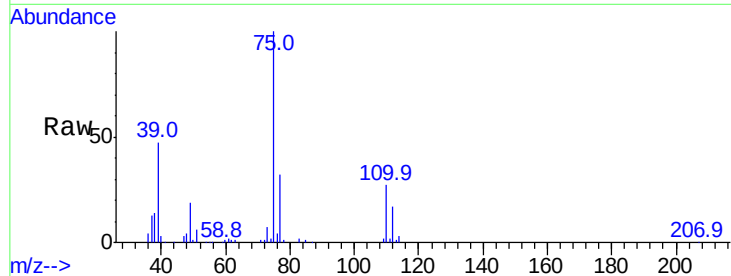
VSTDCCC050

Tgt Ion: 75 Resp: 154748

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.288 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

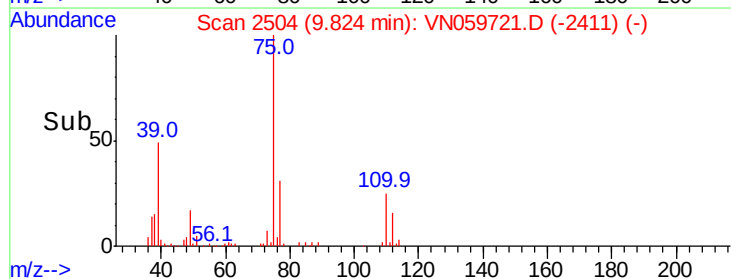
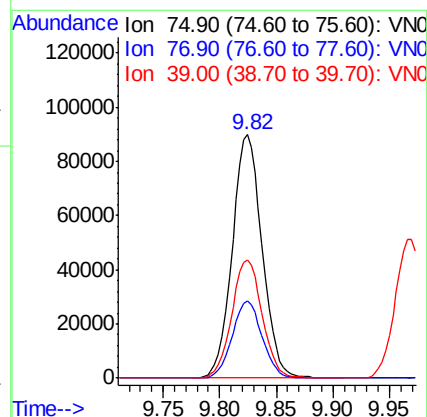
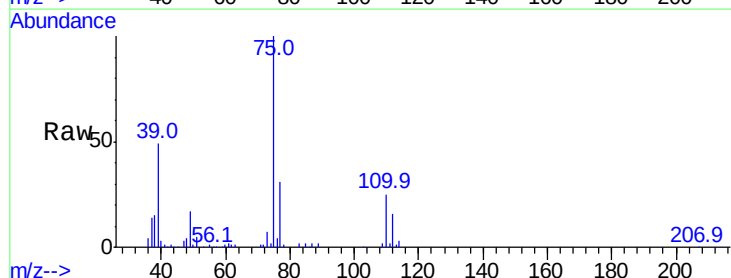
Tgt Ion: 75 Resp: 164806

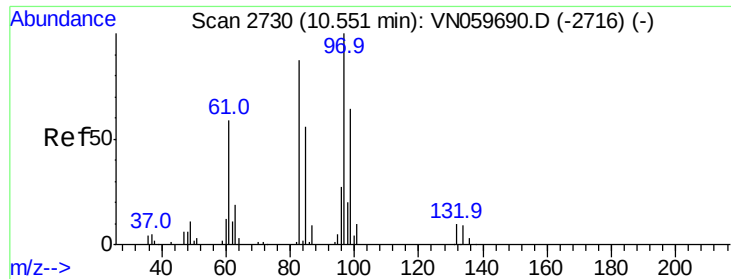
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 48.7 46.1 69.1



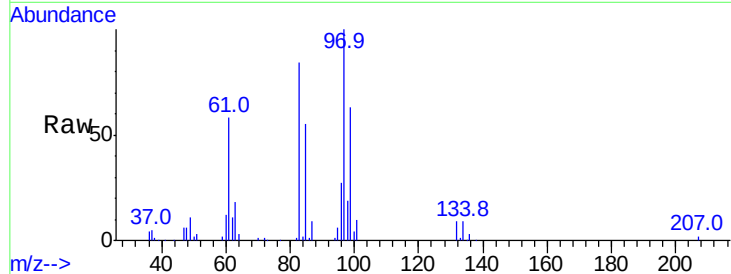


#55
 1,1,2-Trichloroethane
 Concen: 47.334 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 97794

Ion	Ratio	Lower	Upper
97	100		
83	83.7	71.3	106.9
85	54.7	45.8	68.8
99	63.4	50.0	75.0



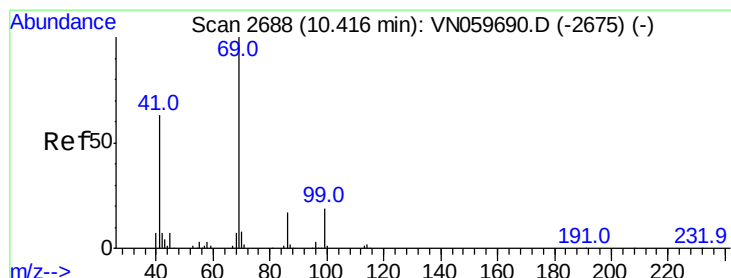
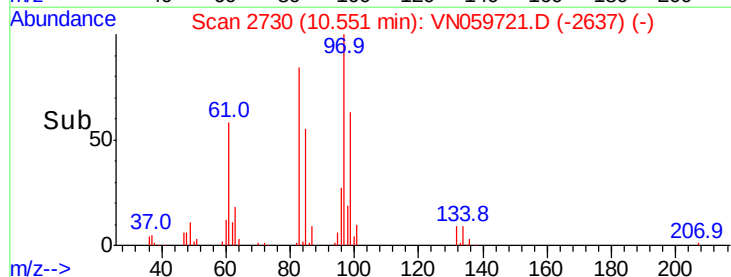
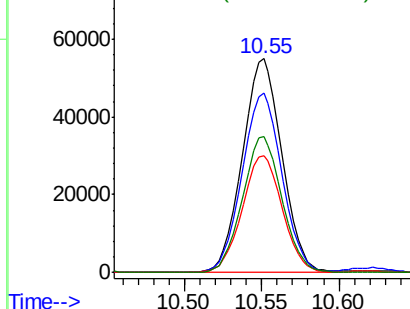
Abundance

Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

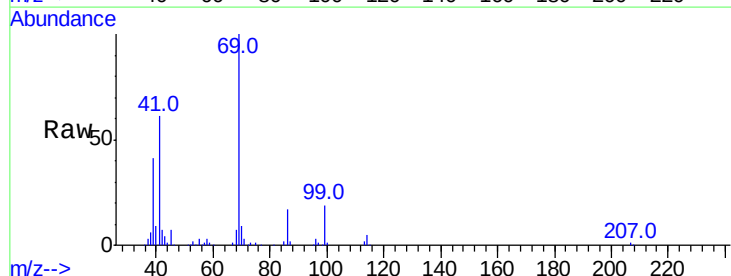
Ion 98.90 (98.60 to 99.60): VNC



#56
 Ethyl methacrylate
 Concen: 46.301 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion: 69 Resp: 146170

Ion	Ratio	Lower	Upper
69	100		
41	60.9	57.1	85.7
39	40.3	34.7	52.1

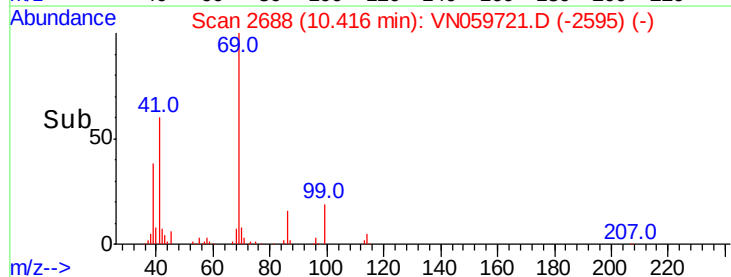
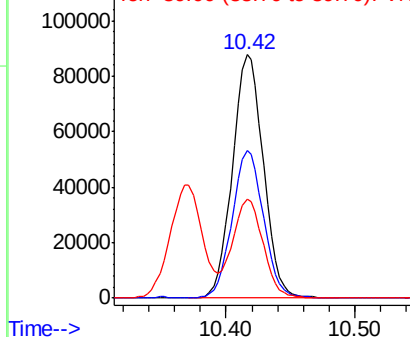


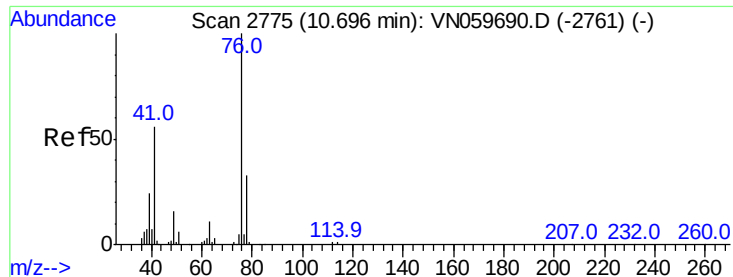
Abundance

Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#57

1,3-Dichloropropane

Concen: 48.342 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

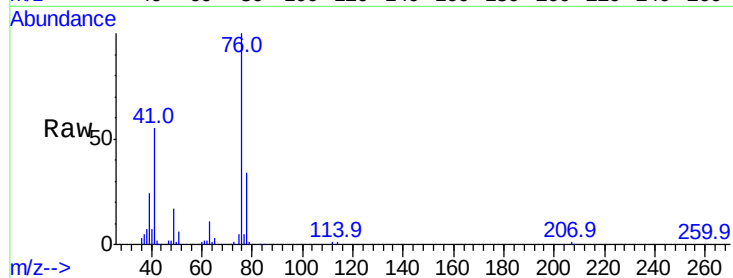
VSTDCCC050

Tgt Ion: 76 Resp: 158567

Ion Ratio Lower Upper

76 100

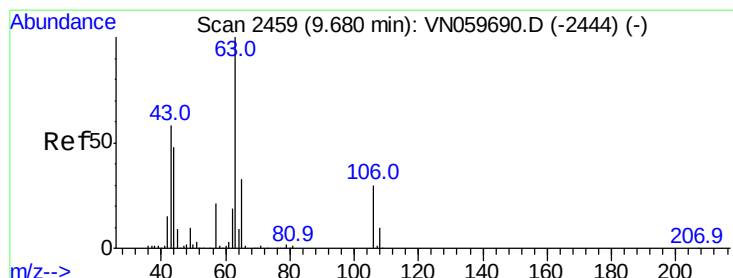
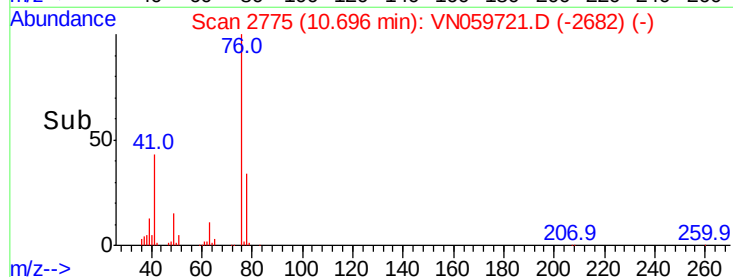
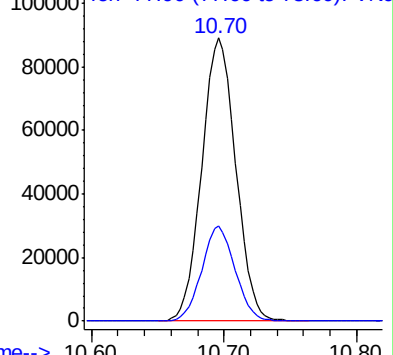
78 32.8 25.8 38.8



Abundance

Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 160.754 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059721.D

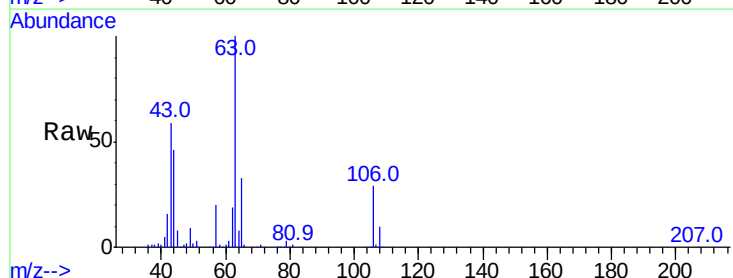
Acq: 16 Jan 2020 10:10

Tgt Ion: 63 Resp: 152858

Ion Ratio Lower Upper

63 100

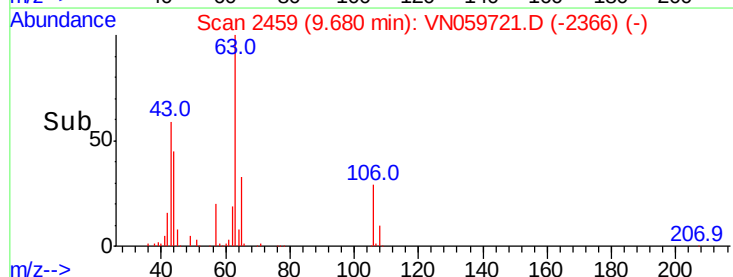
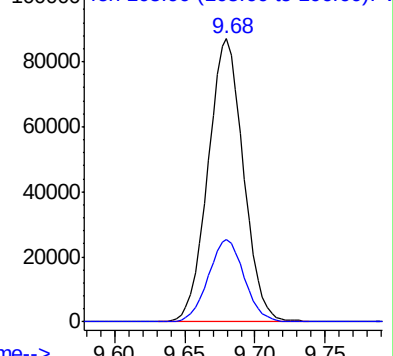
106 29.6 20.2 30.2

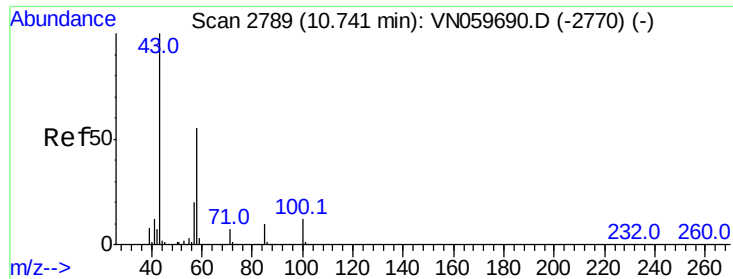


Abundance

Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

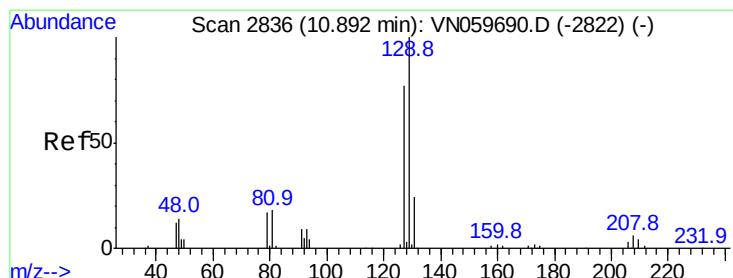
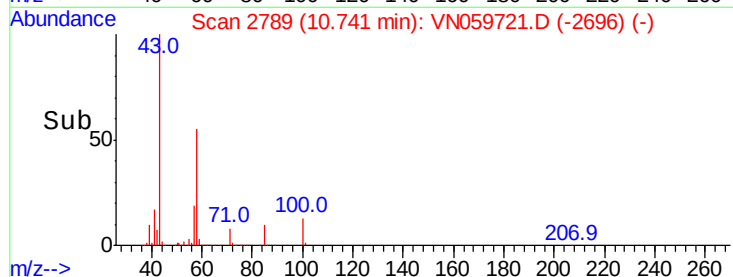
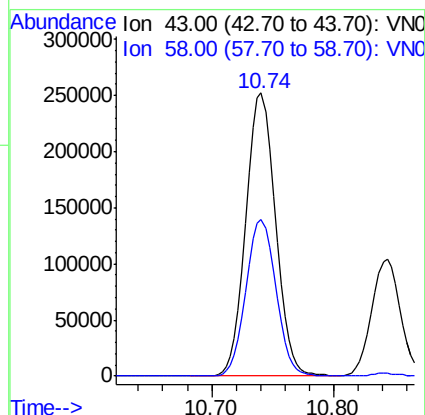
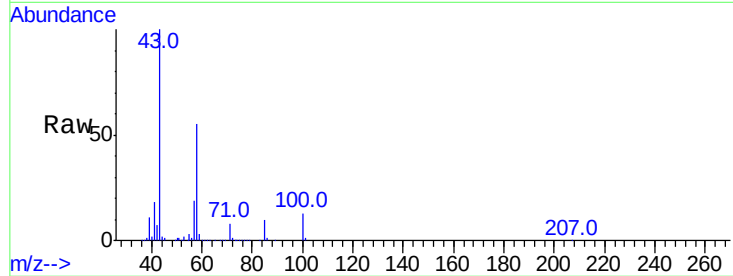




#59
2-Hexanone
Concen: 222.614 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

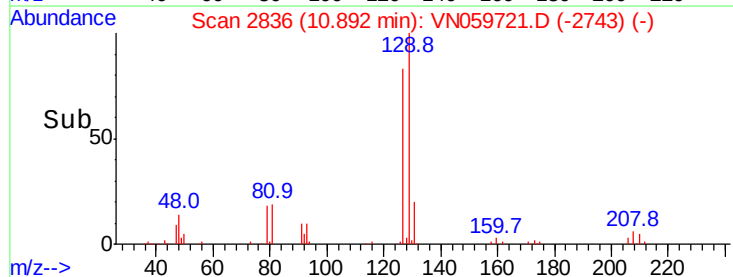
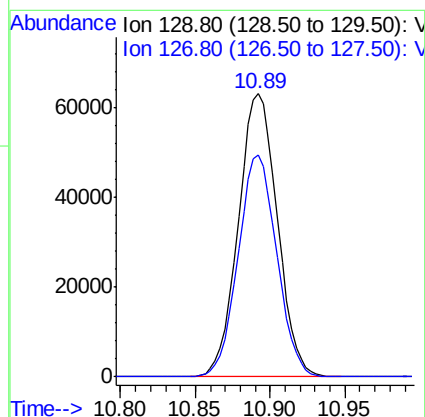
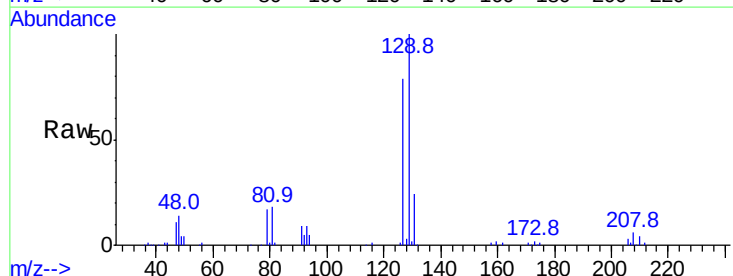
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

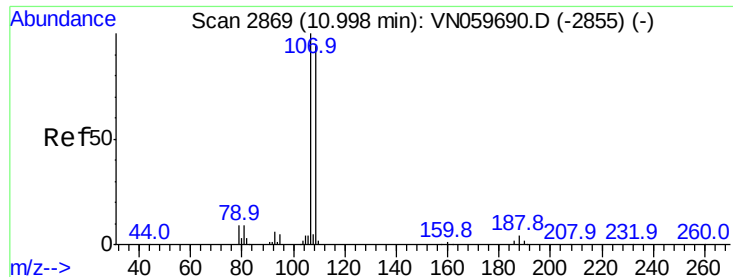
Tgt Ion: 43 Resp: 423522
Ion Ratio Lower Upper
43 100
58 55.9 25.8 77.3



#60
Dibromochloromethane
Concen: 48.655 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 129 Resp: 114472
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

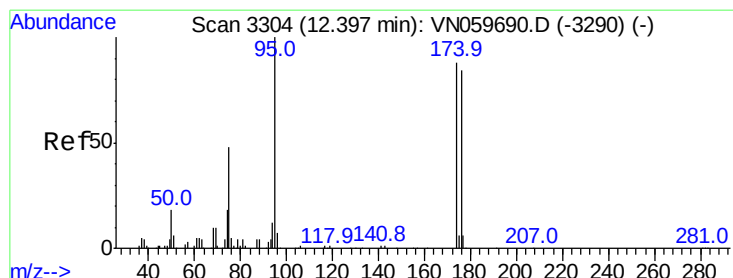
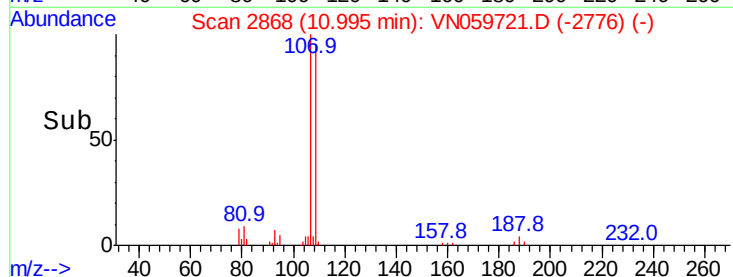
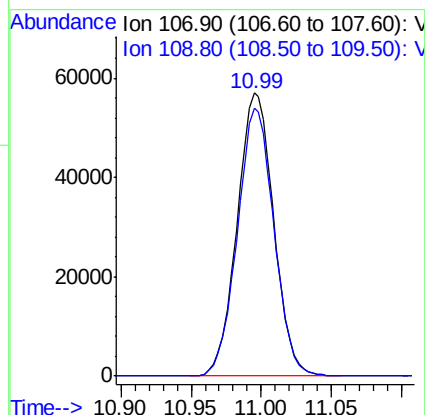
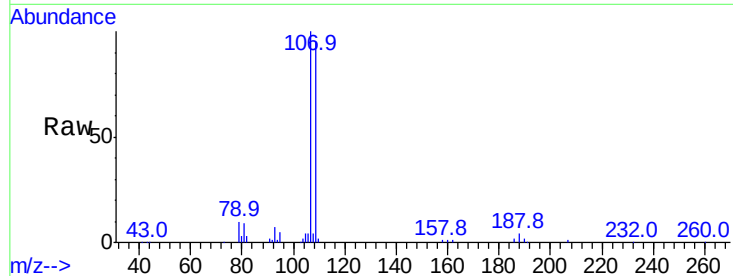




#61
 1,2-Dibromoethane
 Concen: 47.734 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

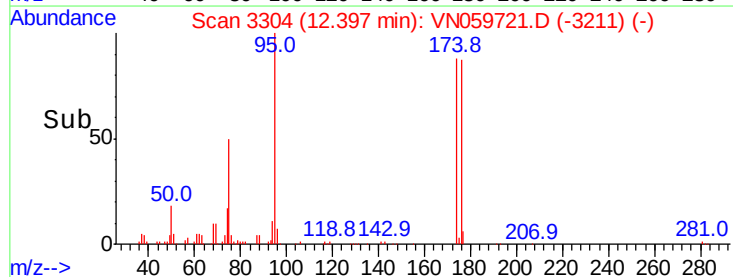
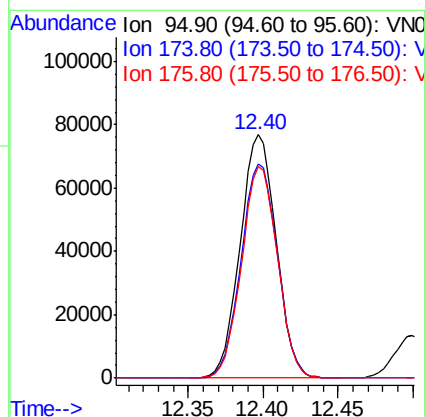
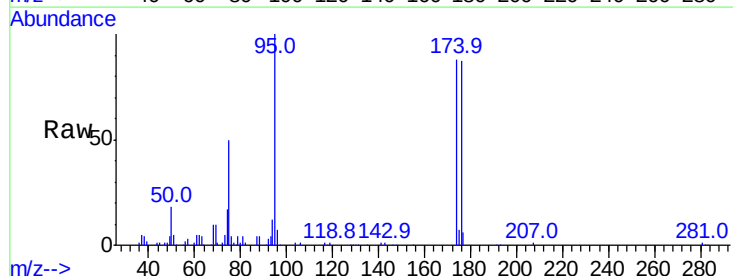
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

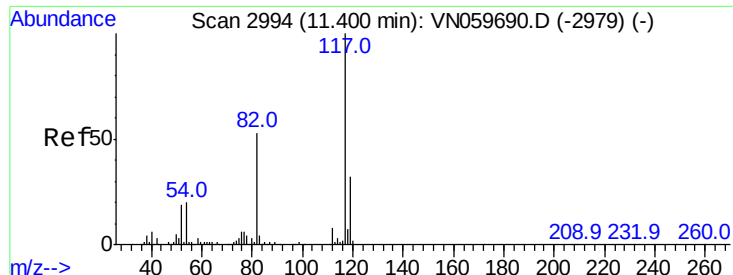
Tgt Ion: 107 Resp: 103366
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 48.791 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion: 95 Resp: 129233
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 151.4
 176 86.5 0.0 146.0

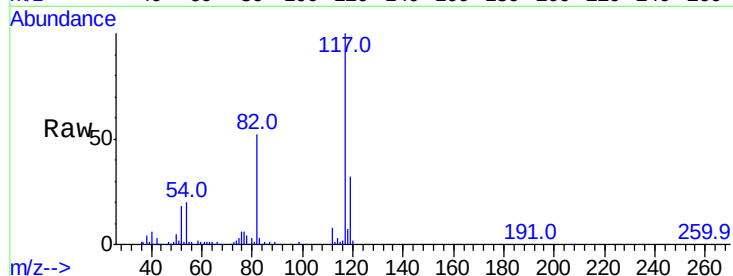




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 289042
Ion Ratio Lower Upper
117 100
82 52.1 45.9 68.9
119 32.4 25.5 38.3

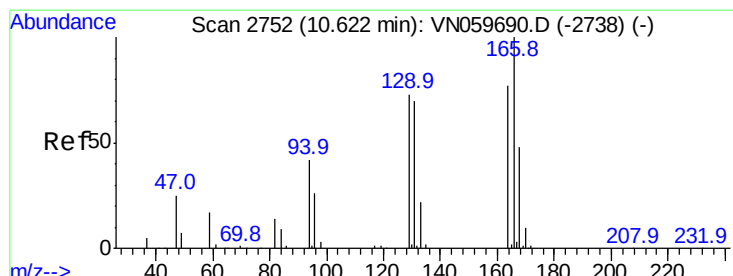
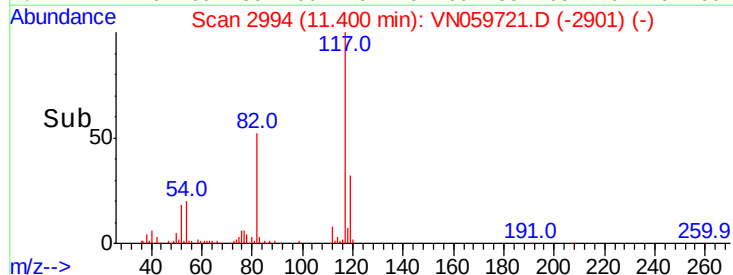
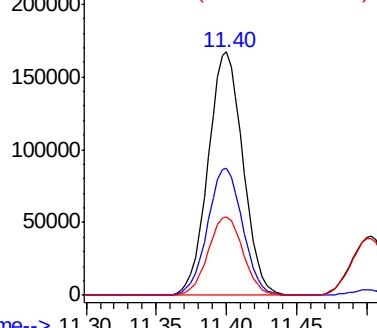


Abundance

Ion 116.90 (116.60 to 117.60): V

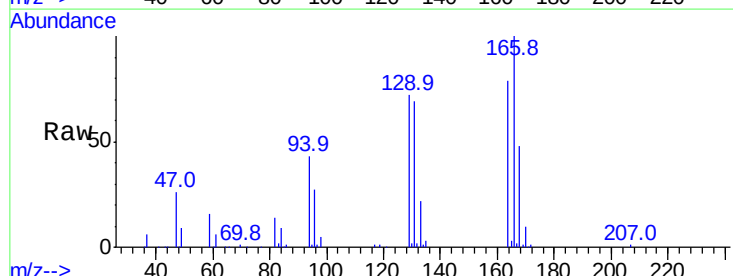
Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 44.219 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion:164 Resp: 104168
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 91.1 80.2 120.4
131 88.0 75.0 112.4



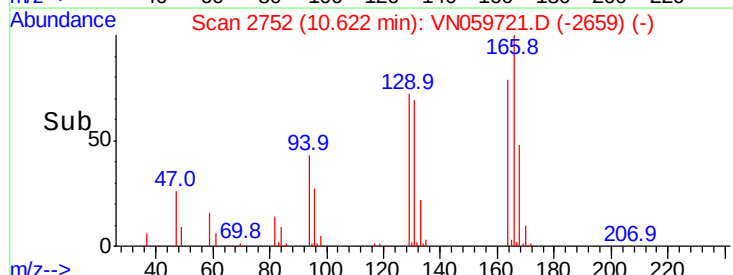
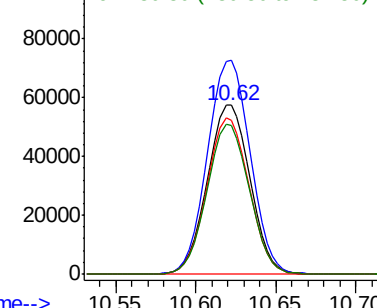
Abundance

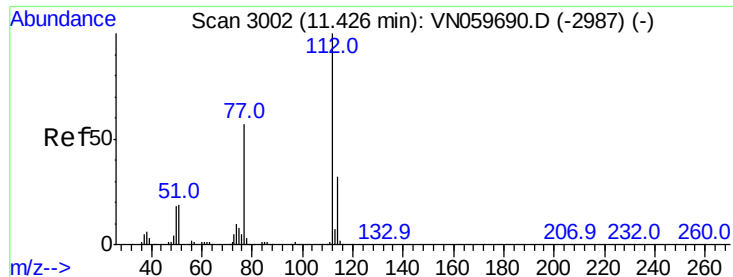
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

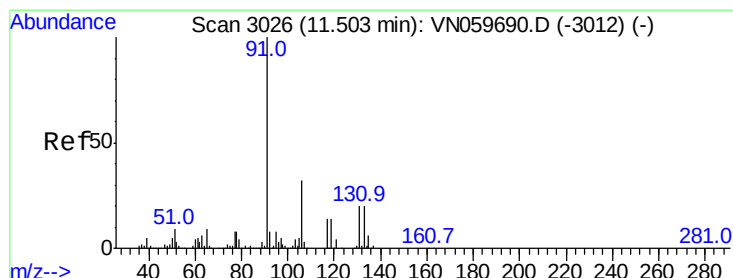
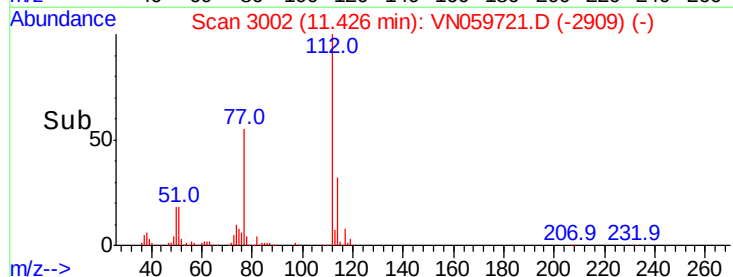
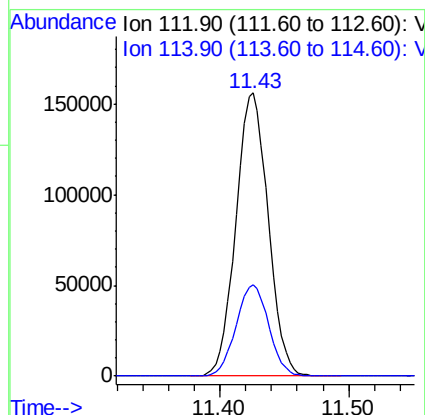
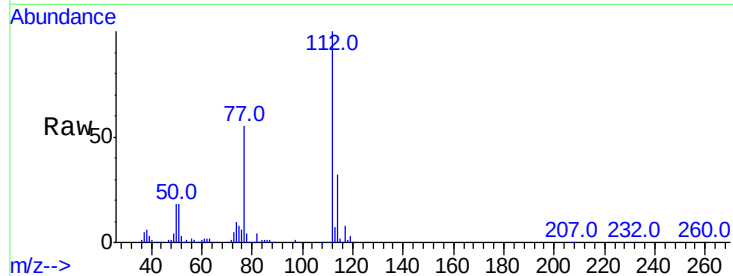




#65
Chlorobenzene
Concen: 47.725 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

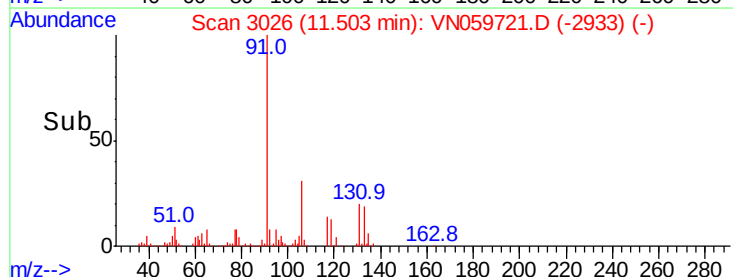
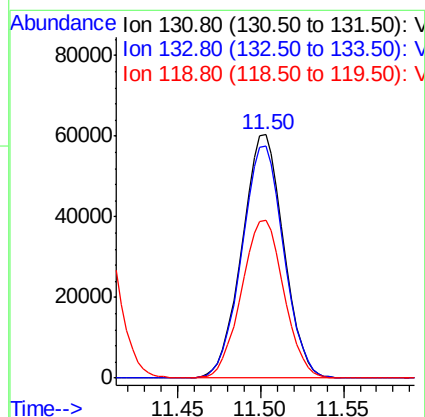
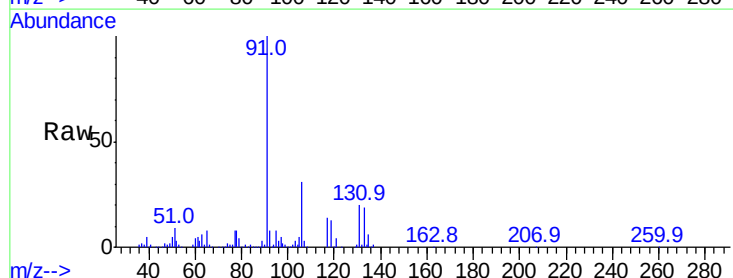
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

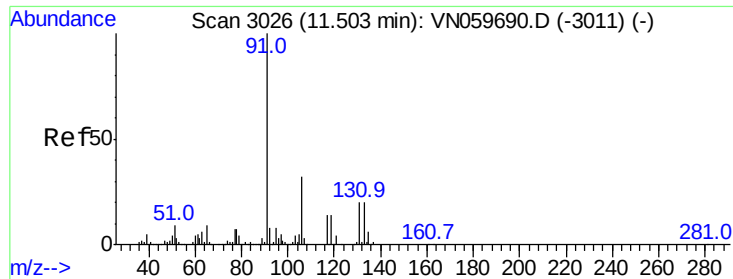
Tgt Ion:112 Resp: 271137
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.059 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion:131 Resp: 105499
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.2
119 66.2 33.1 99.3

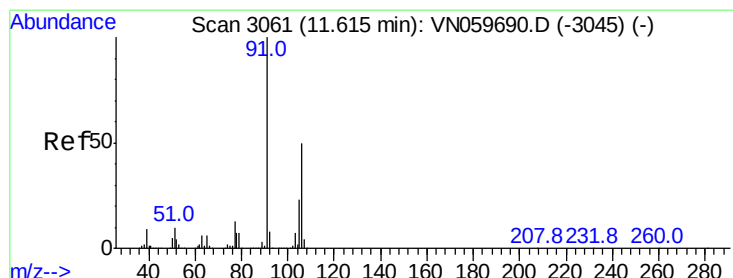
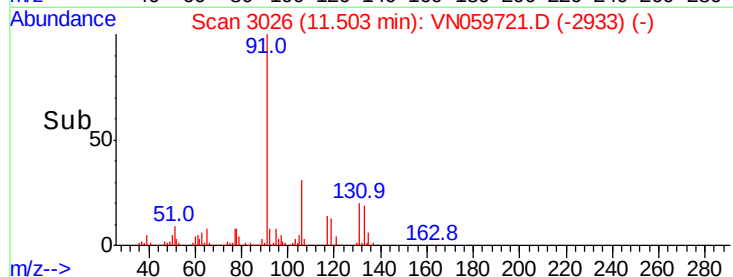
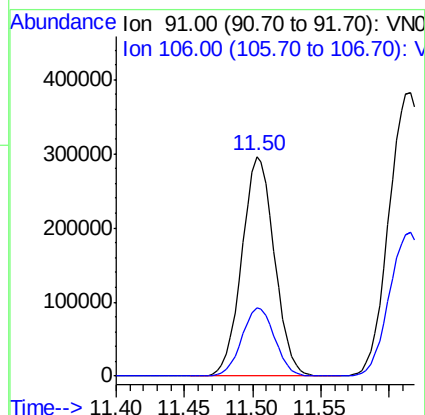
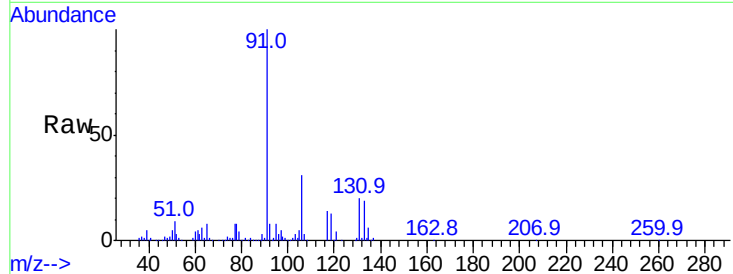




#67
Ethyl Benzene
Concen: 47.563 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

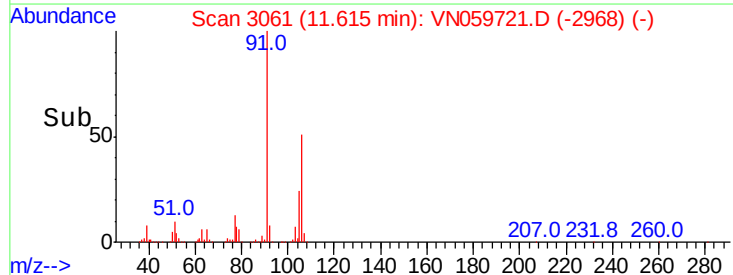
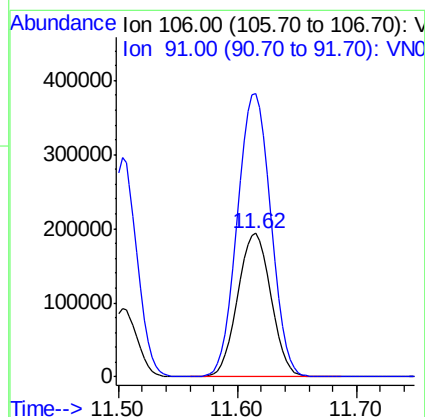
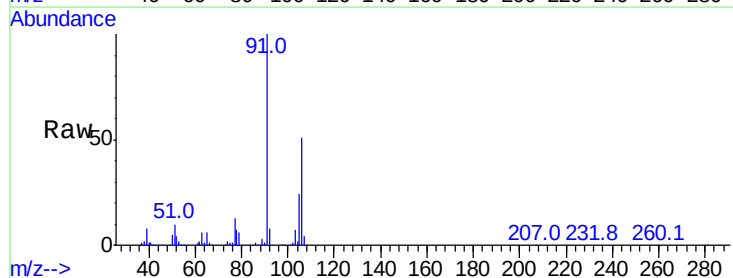
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

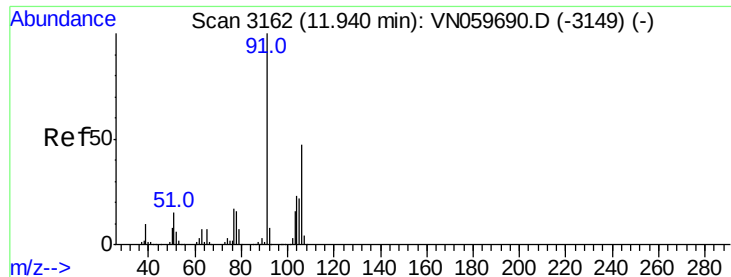
Tgt Ion: 91 Resp: 490533
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1



#68
m/p-Xylenes
Concen: 96.559 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 106 Resp: 376167
Ion Ratio Lower Upper
106 100
91 198.3 167.9 251.9

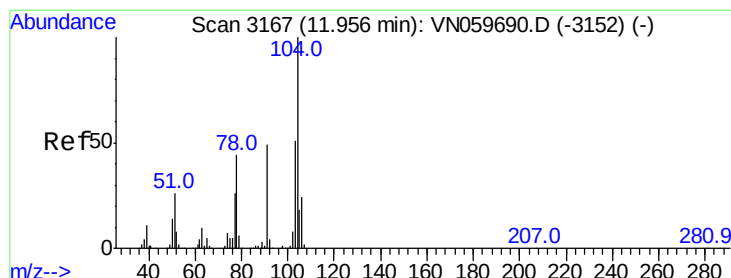
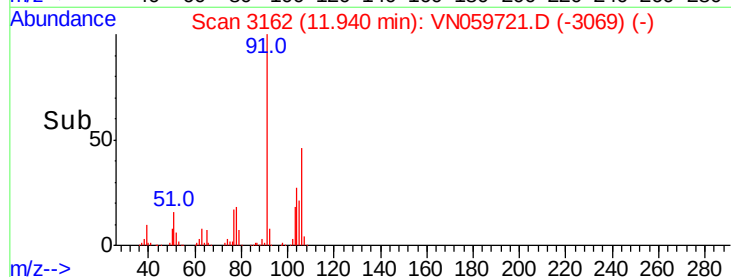
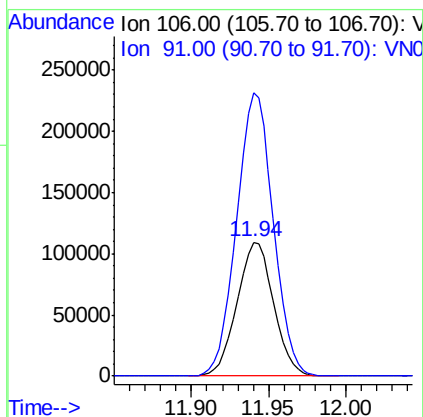
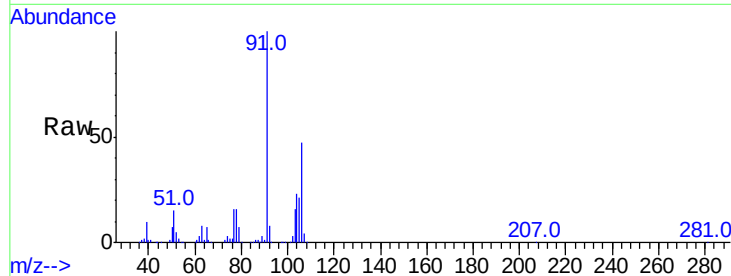




#69
o-Xylene
Concen: 47.129 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

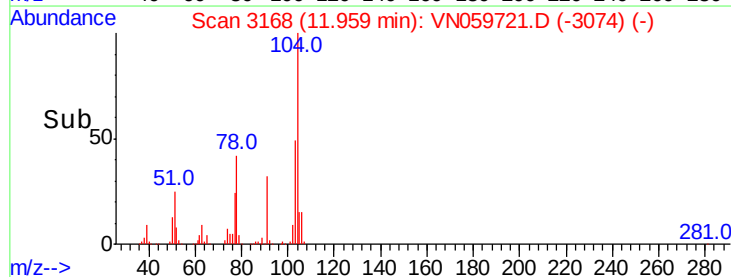
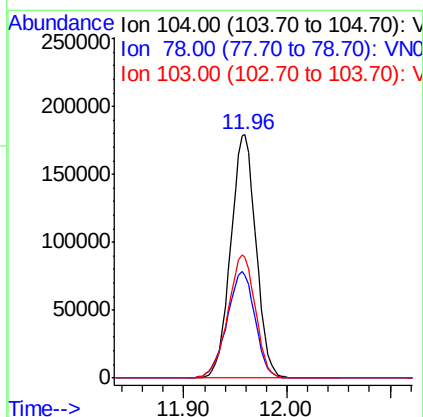
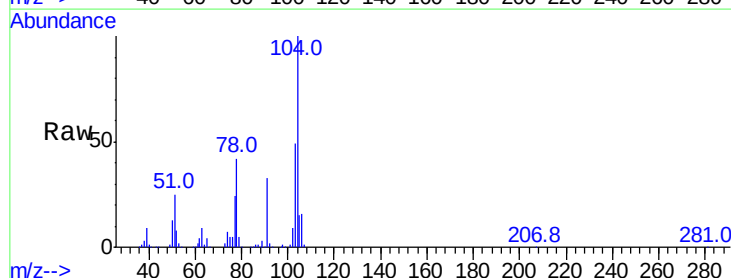
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

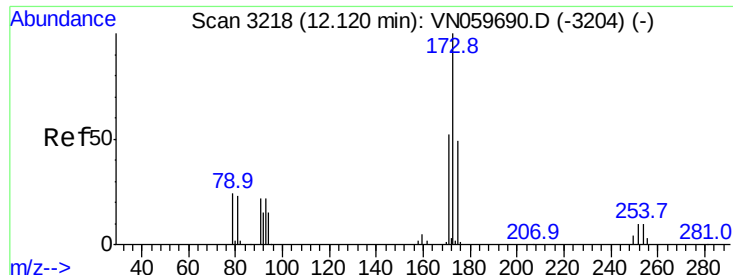
Tgt Ion:106 Resp: 179746
Ion Ratio Lower Upper
106 100
91 211.8 110.3 330.9



#70
Styrene
Concen: 47.955 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion:104 Resp: 306050
Ion Ratio Lower Upper
104 100
78 48.6 42.4 63.6
103 54.8 43.9 65.9

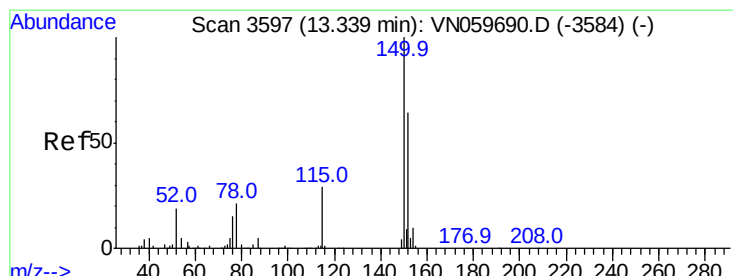
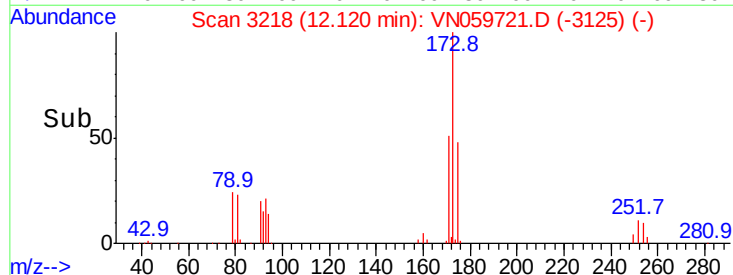
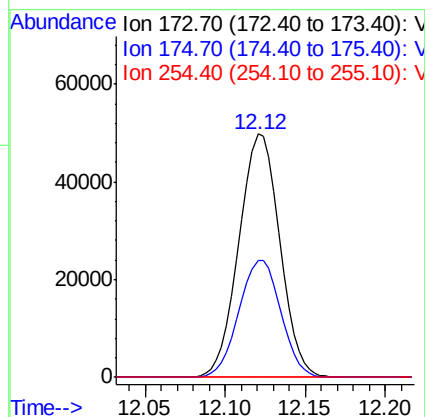
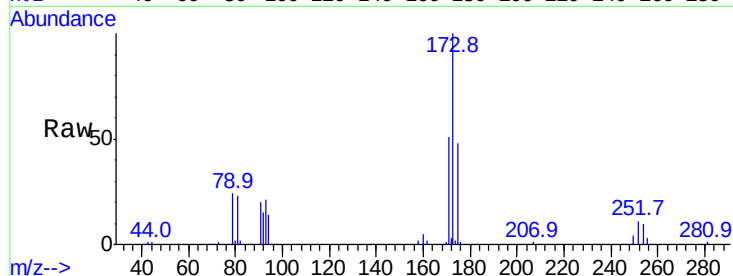




#71
Bromoform
Concen: 49.412 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

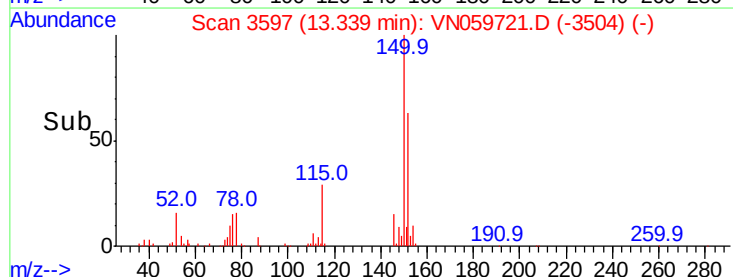
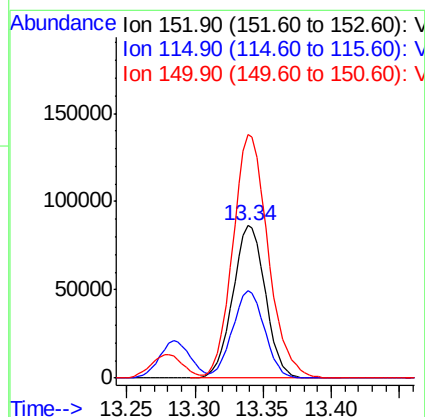
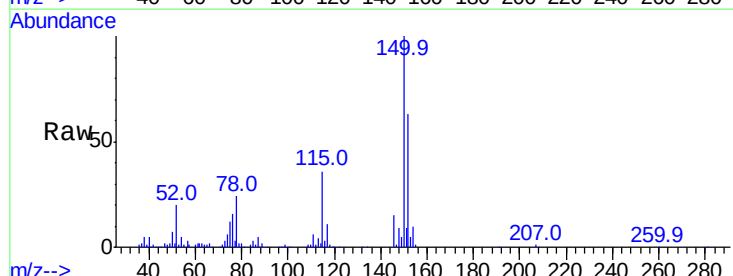
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

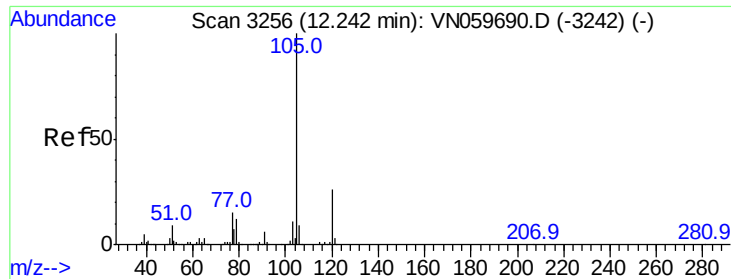
Tgt Ion:173 Resp: 86887
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion:152 Resp: 143169
Ion Ratio Lower Upper
152 100
115 56.8 30.3 90.9
150 172.2 0.0 345.2





#73

Isopropylbenzene

Concen: 46.432 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

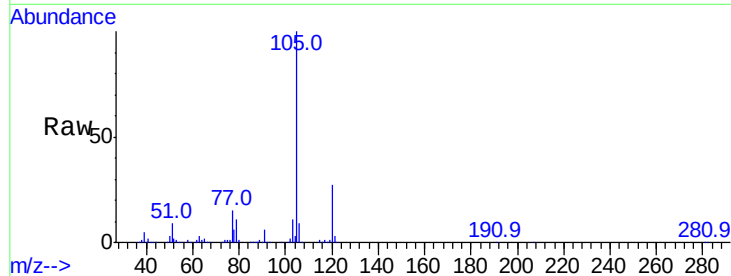
VSTDCCC050

Tgt Ion: 105 Resp: 487537

Ion Ratio Lower Upper

105 100

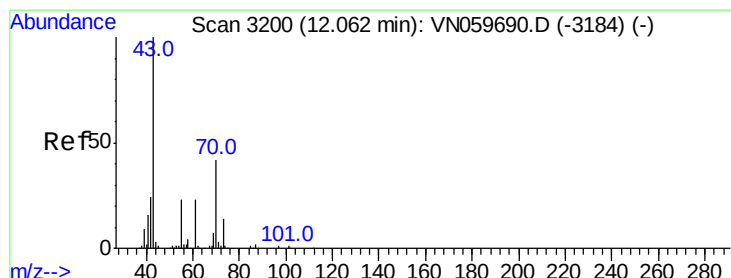
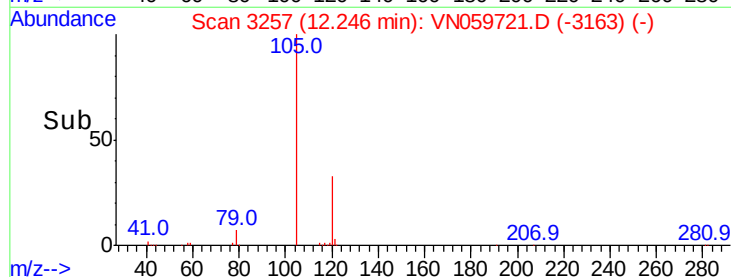
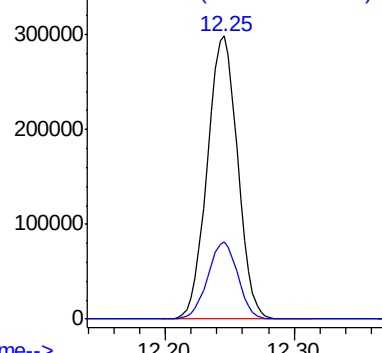
120 26.8 13.2 39.5



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.099 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Tgt Ion: 43 Resp: 175598

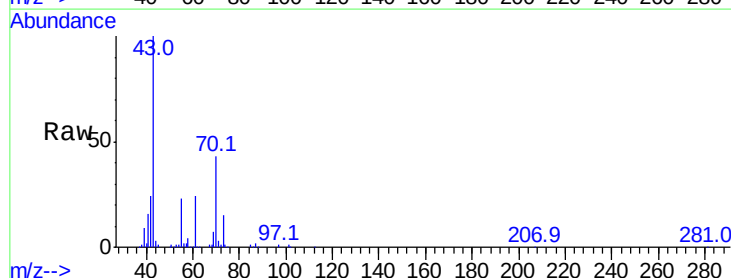
Ion Ratio Lower Upper

43 100

70 42.6 31.3 46.9

55 23.3 19.8 29.6

61 24.6 18.3 27.5



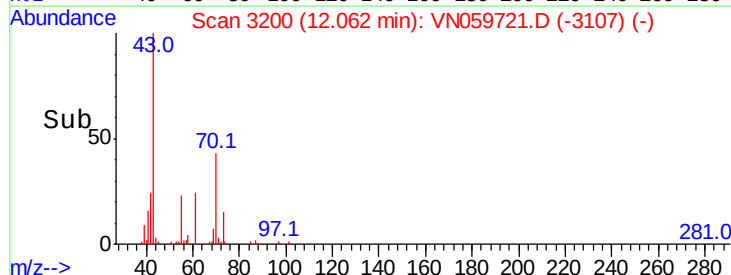
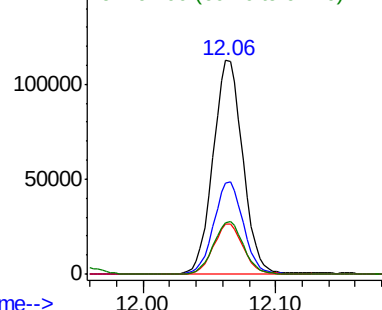
Abundance

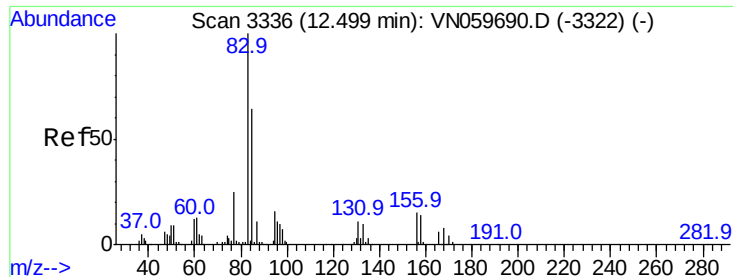
Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: 44.583 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

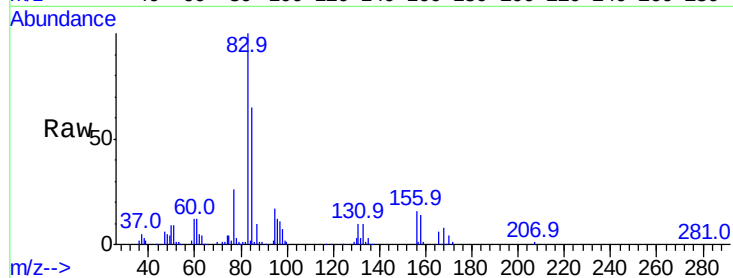
Tgt Ion: 83 Resp: 135706

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 64.9 31.9 95.5



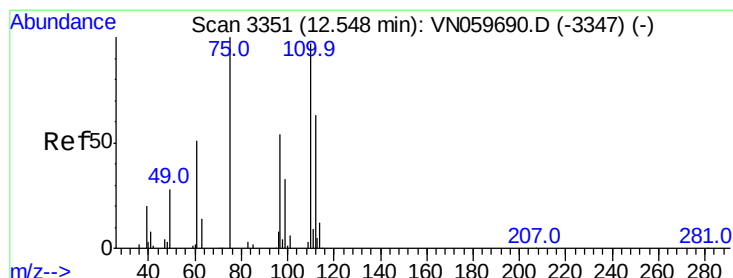
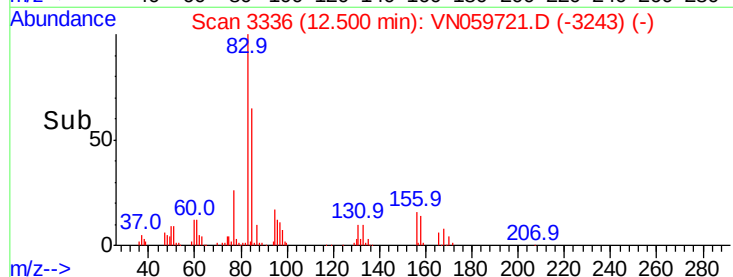
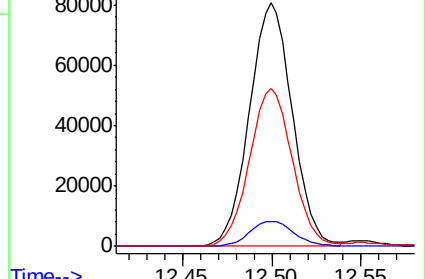
Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.50



#76

1,2,3-Trichloropropane

Concen: 74.345 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059721.D

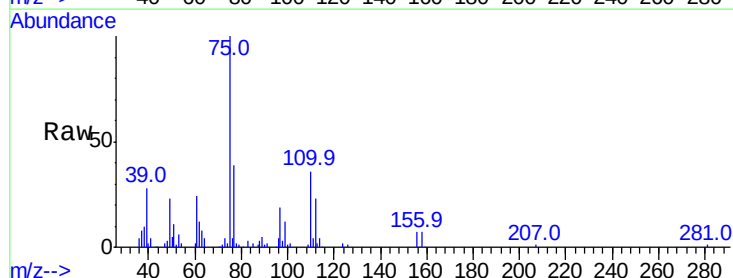
Acq: 16 Jan 2020 10:10

Tgt Ion: 75 Resp: 179126

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

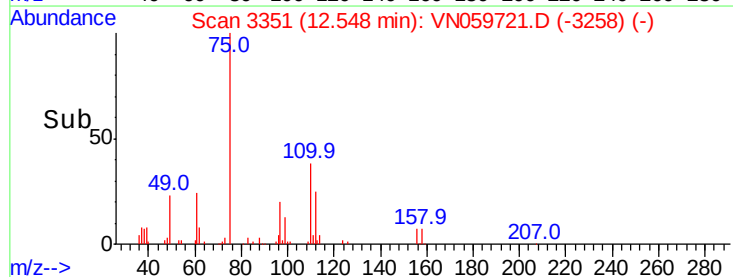
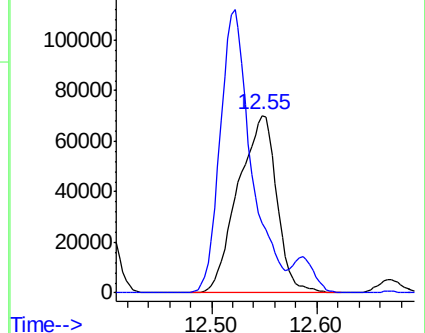


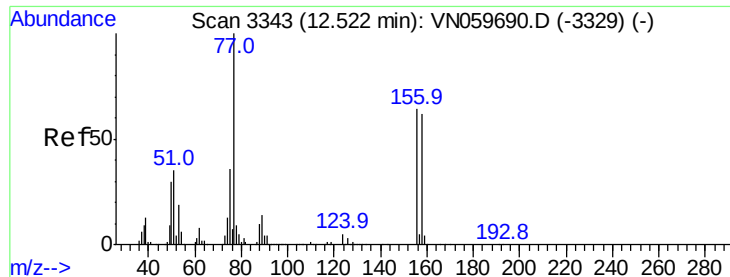
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.55





#77

Bromobenzene

Concen: 47.225 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

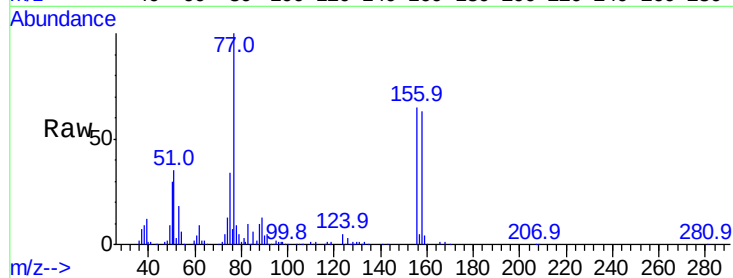
Tgt Ion:156 Resp: 125572

Ion Ratio Lower Upper

156 100

77 183.0 115.8 347.4

158 96.7 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

150000

100000

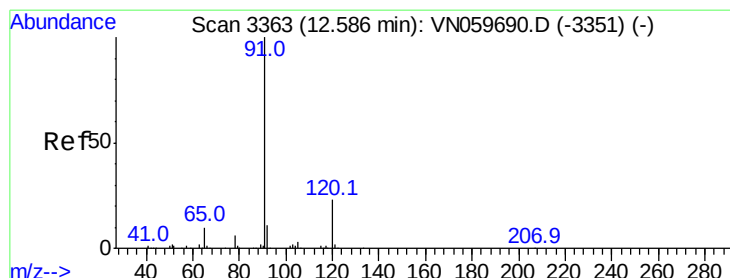
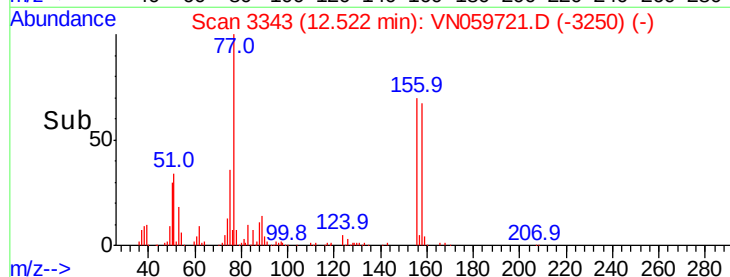
50000

0

12.45 12.50 12.55 12.60

12.52

Time-->



#78

n-propylbenzene

Concen: 46.974 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059721.D

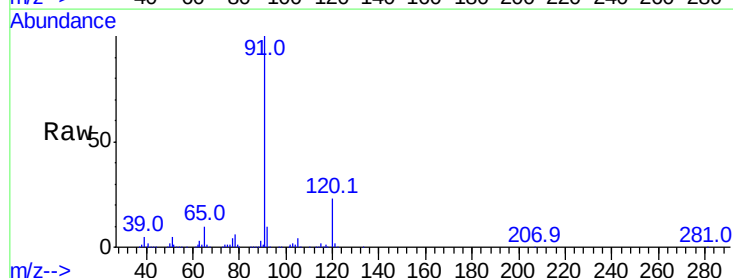
Acq: 16 Jan 2020 10:10

Tgt Ion: 91 Resp: 553590

Ion Ratio Lower Upper

91 100

120 23.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

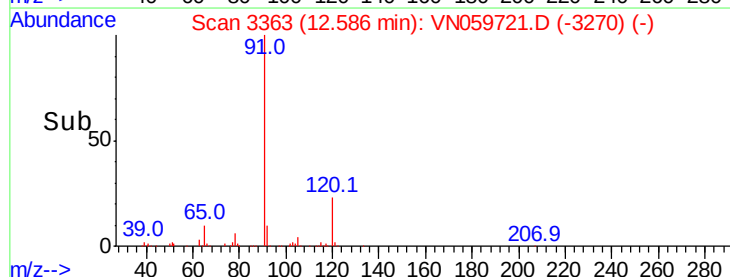
100000

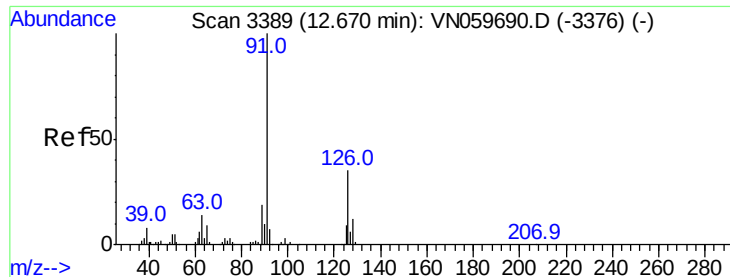
0

12.55 12.60 12.65

12.59

Time-->

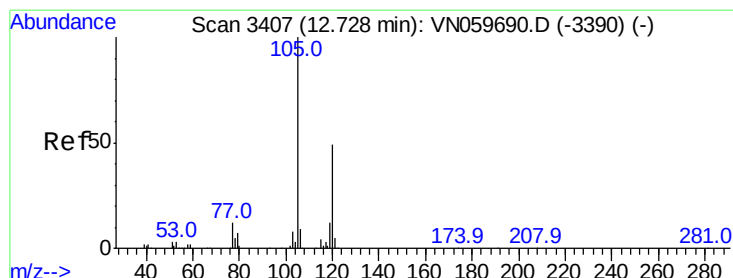
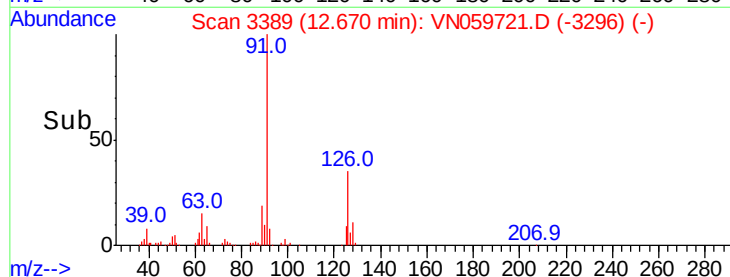
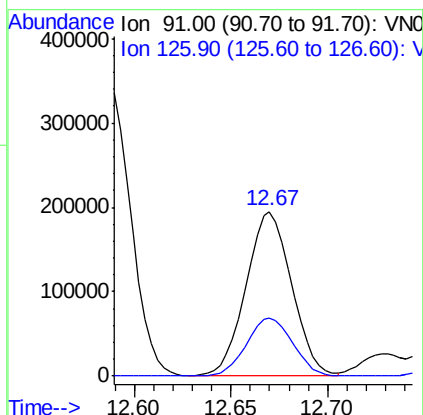
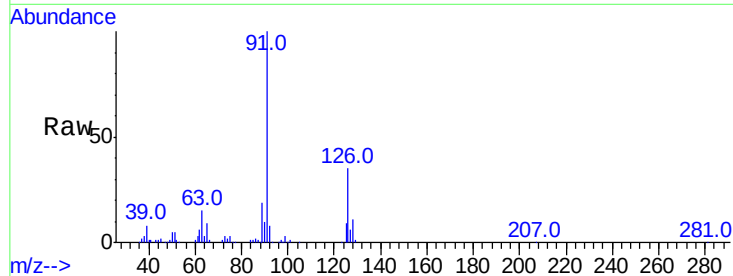




#79
2-Chlorotoluene
Concen: 45.406 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

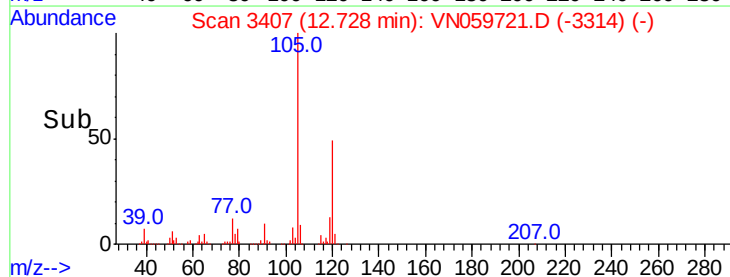
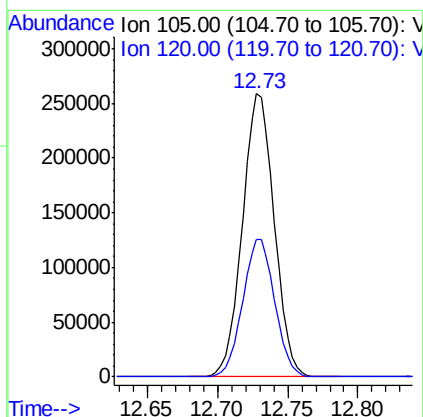
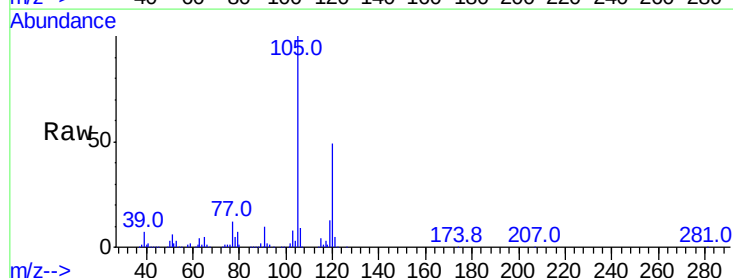
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

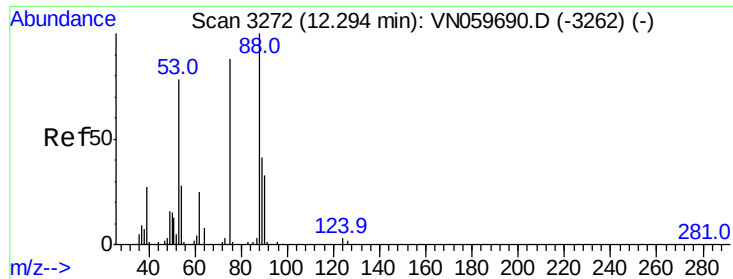
Tgt Ion: 91 Resp: 318342
Ion Ratio Lower Upper
91 100
126 35.9 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 46.414 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 105 Resp: 409855
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.4

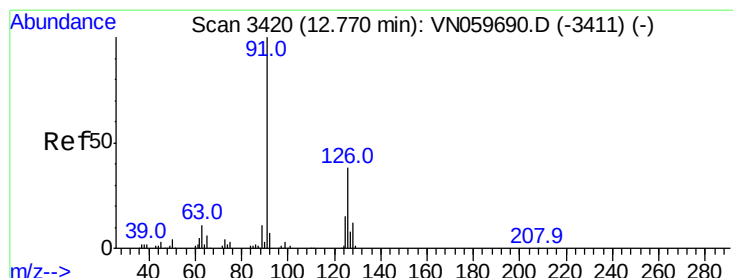
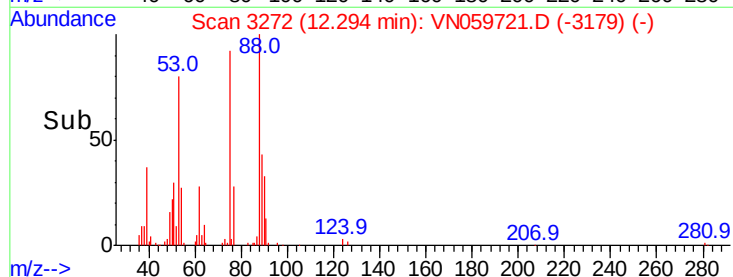
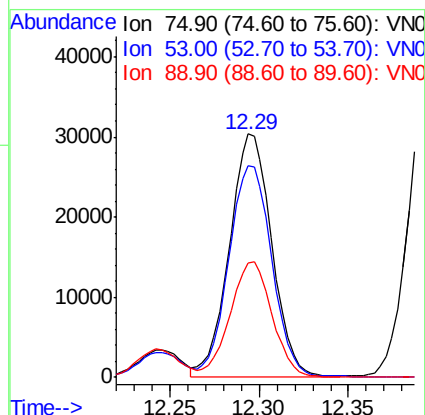
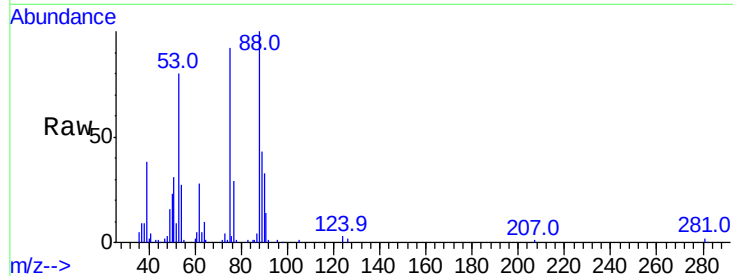




#81
trans-1,4-Dichloro-2-butene
Concen: 44.811 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

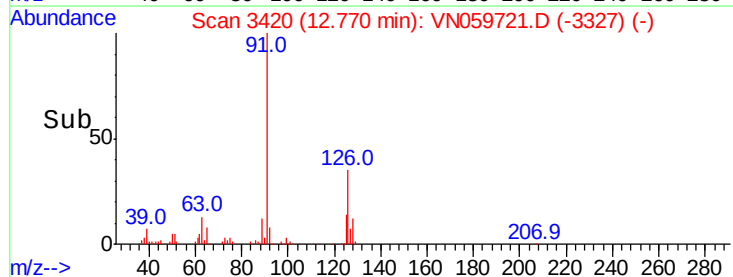
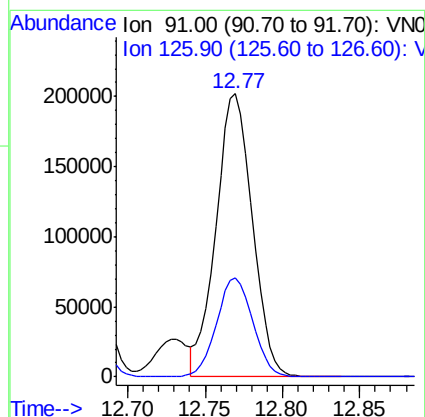
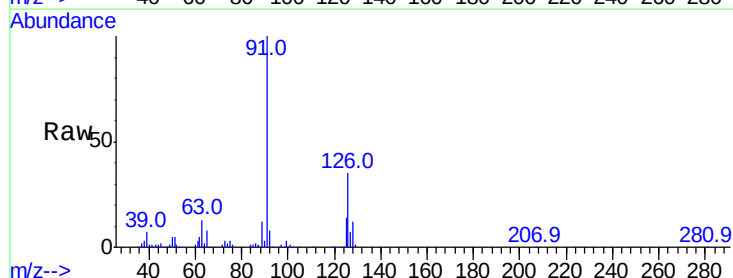
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

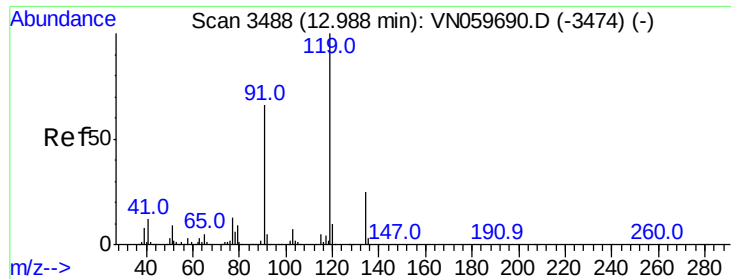
Tgt Ion: 75 Resp: 50276
Ion Ratio Lower Upper
75 100
53 87.3 78.1 117.1
89 46.9 35.4 53.2



#82
4-Chlorotoluene
Concen: 46.760 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 91 Resp: 328821
Ion Ratio Lower Upper
91 100
126 35.1 16.3 48.8

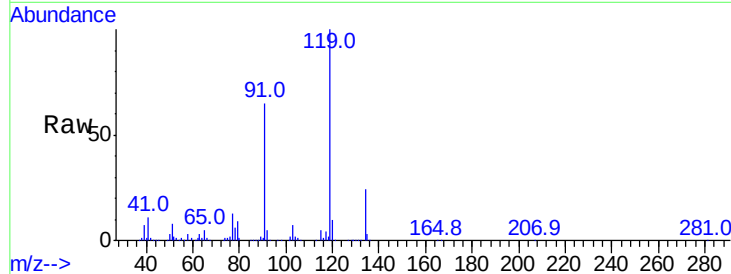




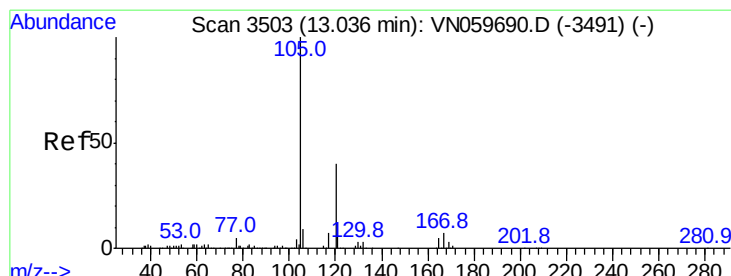
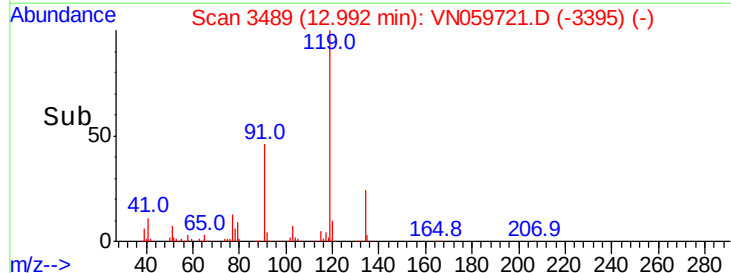
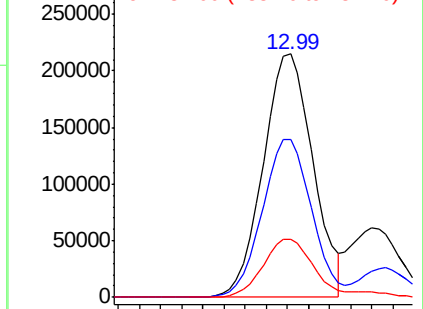
#83
 tert-Butylbenzene
 Concen: 46.256 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 353267
 Ion Ratio Lower Upper
 119 100
 91 64.1 34.8 104.4
 134 25.8 12.3 36.9

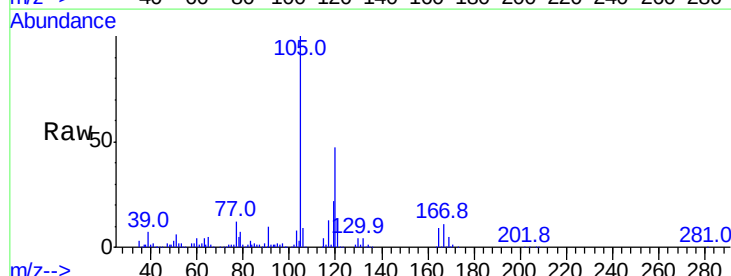


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

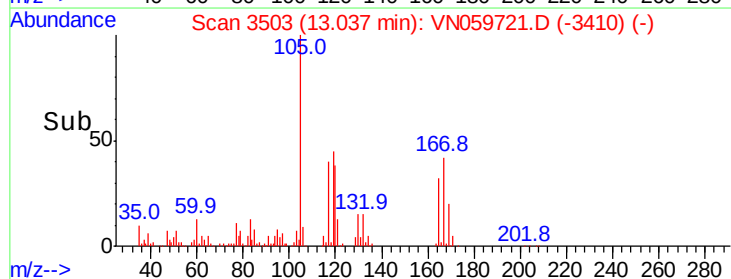
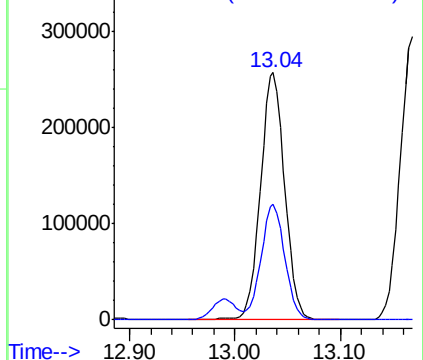


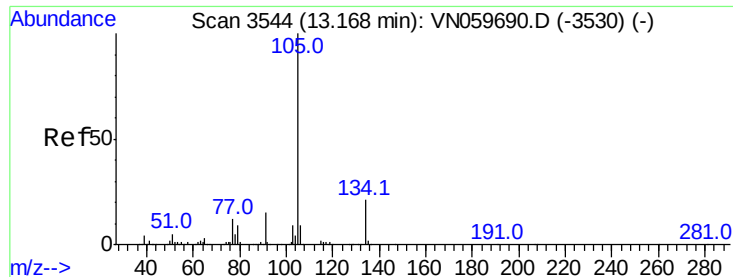
#84
 1,2,4-Trimethylbenzene
 Concen: 47.088 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion:105 Resp: 411365
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.9



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

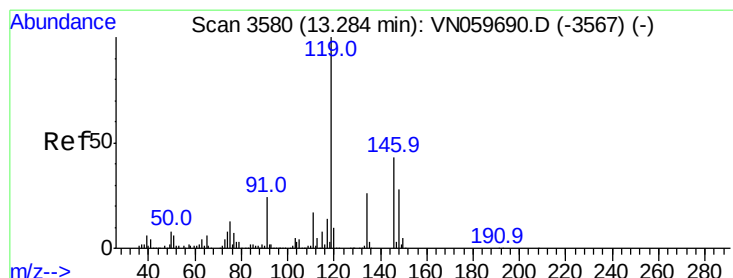
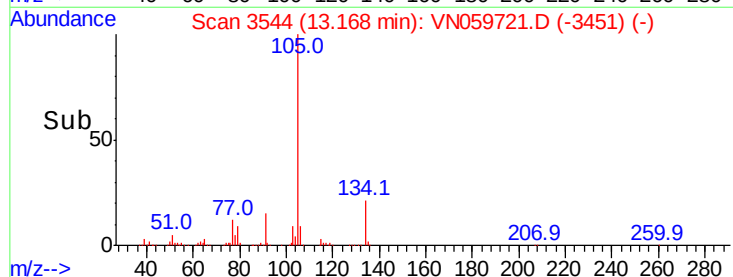
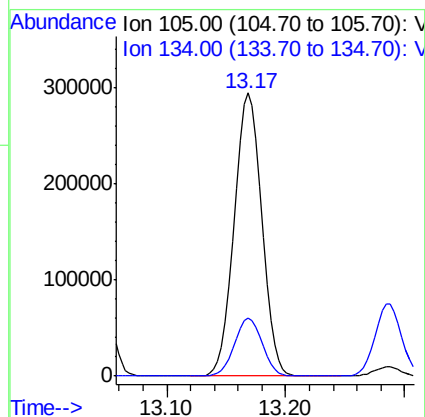
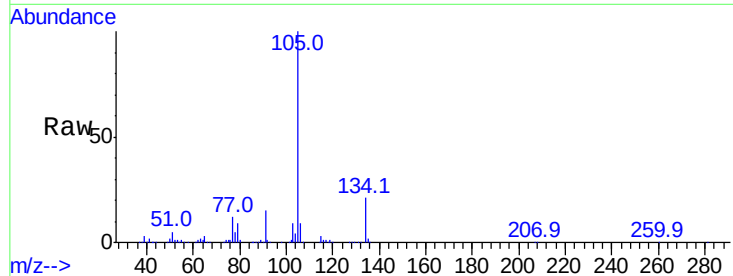




#85
 sec-Butylbenzene
 Concen: 47.153 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

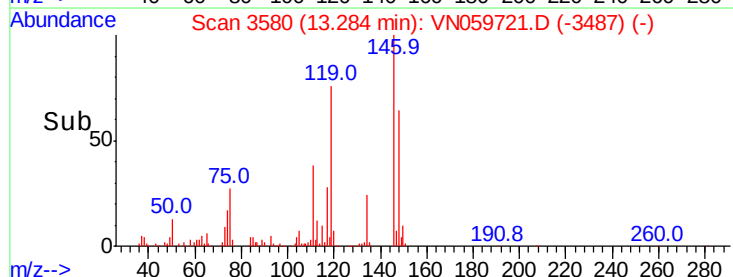
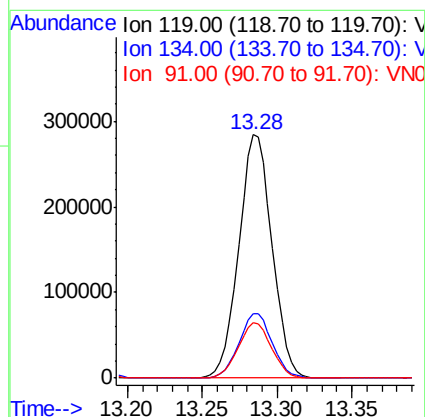
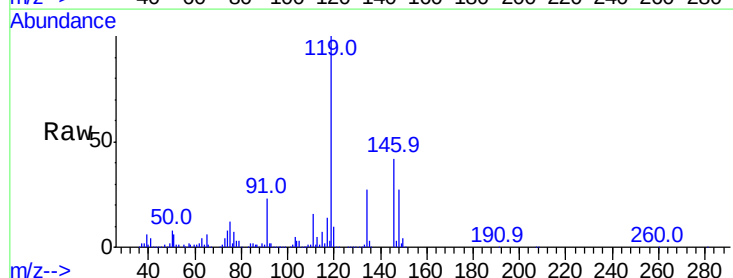
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

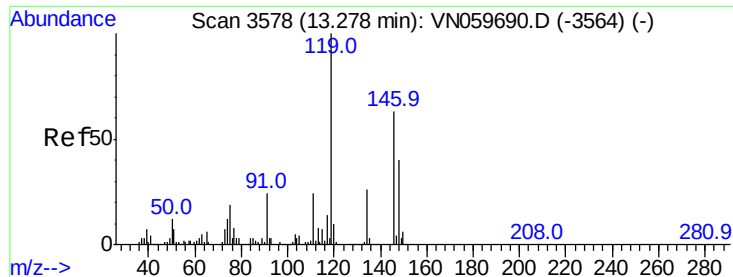
Tgt Ion:105 Resp: 473137
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 47.122 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion:119 Resp: 437509
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.7
 91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.164 ug/l

RT: 13.28 min Scan# 3578

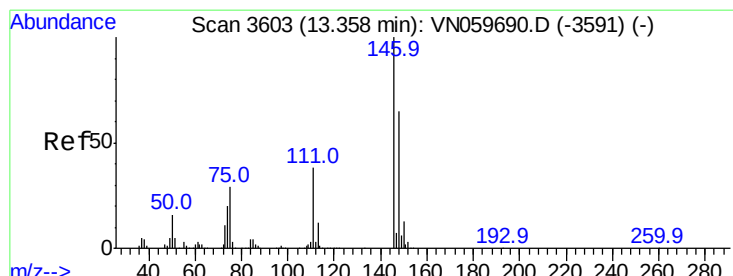
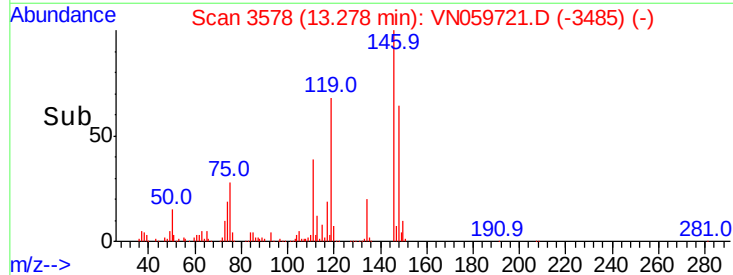
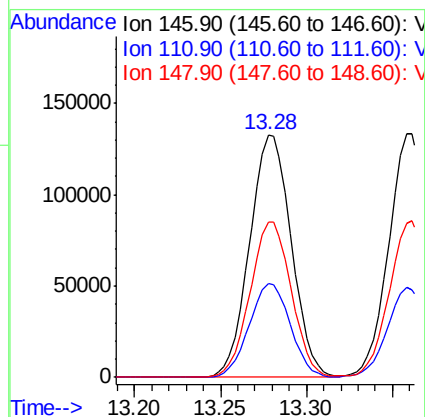
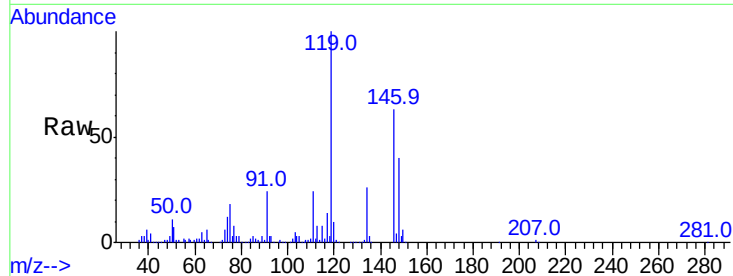
Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.8	62.2
148	63.4	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 47.851 ug/l

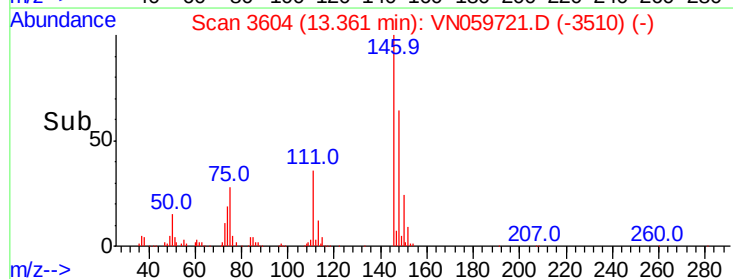
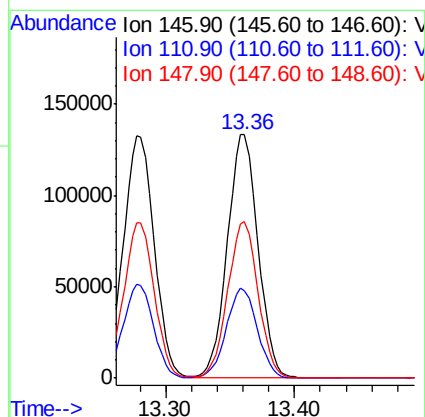
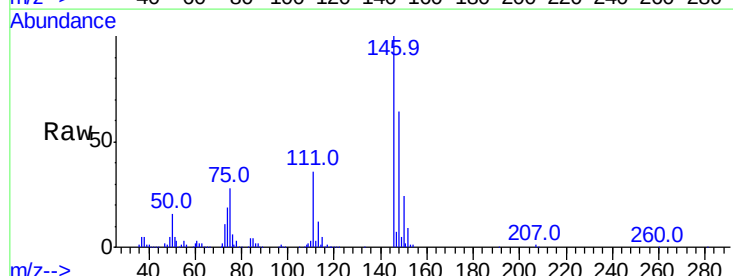
RT: 13.36 min Scan# 3604

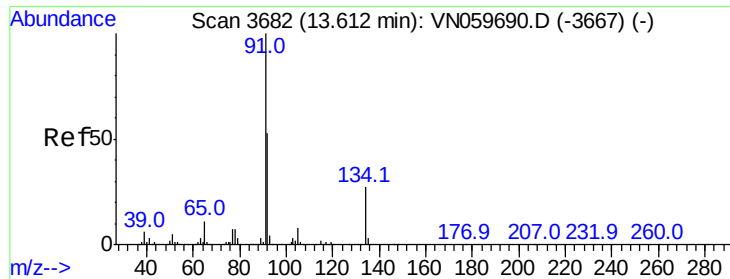
Delta R.T. 0.00 min

Lab File: VN059721.D

Acq: 16 Jan 2020 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.8	62.2
148	63.6	31.8	95.4

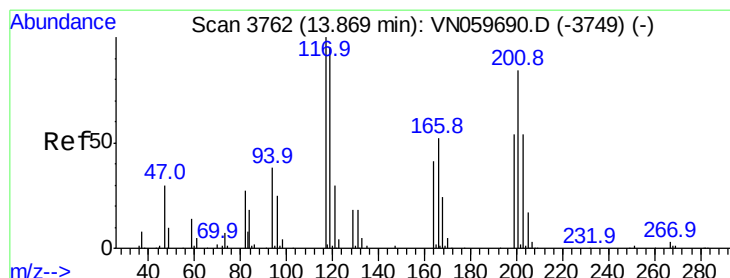
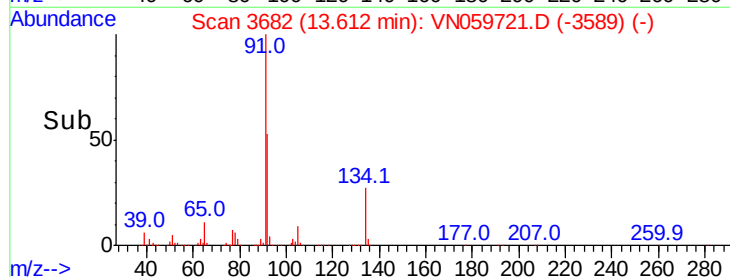
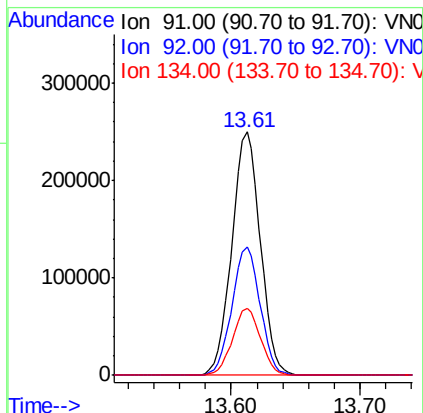
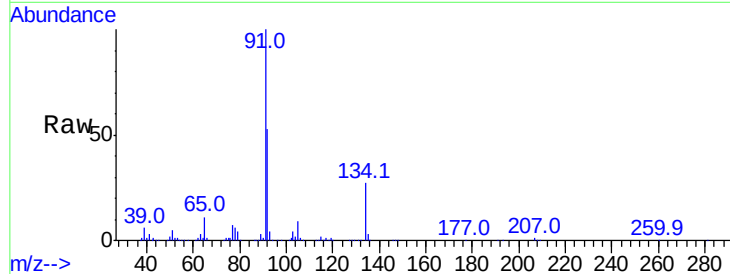




#89
n-Butylbenzene
Concen: 48.357 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

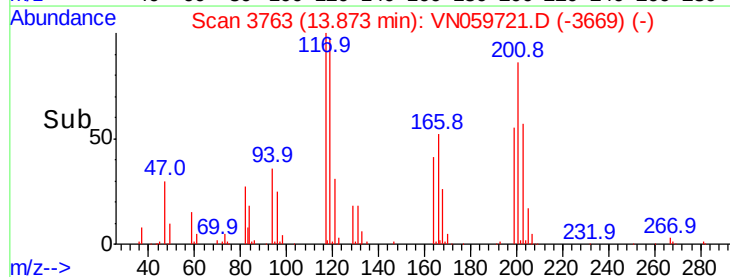
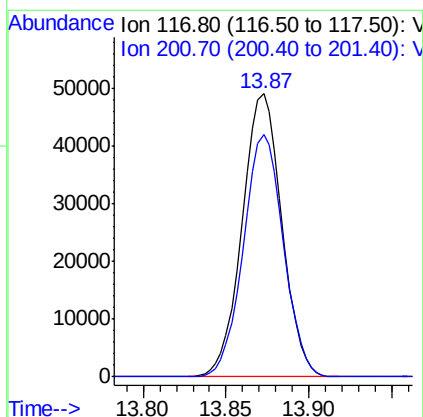
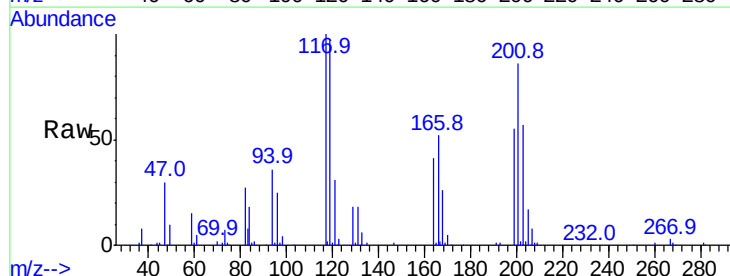
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

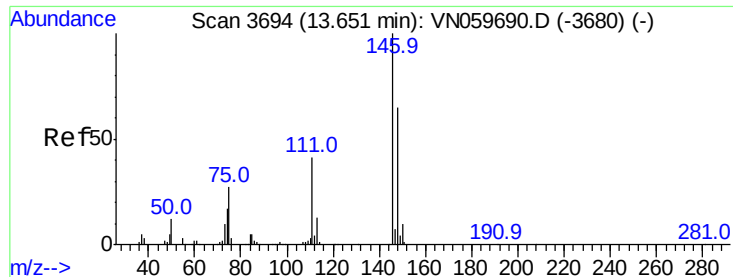
Tgt Ion: 91 Resp: 382809
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.7
134 27.2 12.3 36.8



#90
Hexachloroethane
Concen: 46.974 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion: 117 Resp: 81601
Ion Ratio Lower Upper
117 100
201 86.4 37.8 113.4

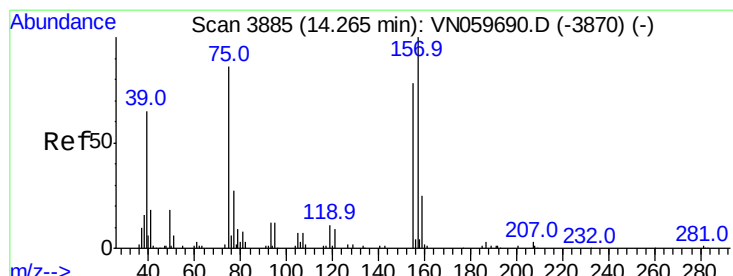
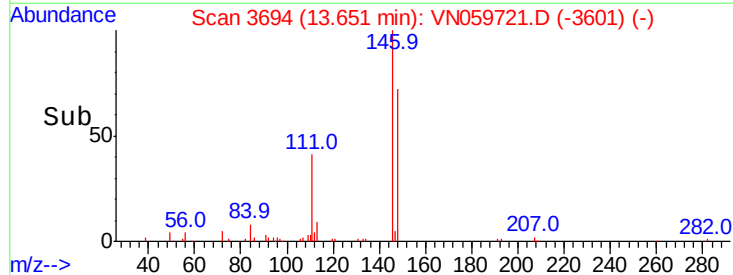
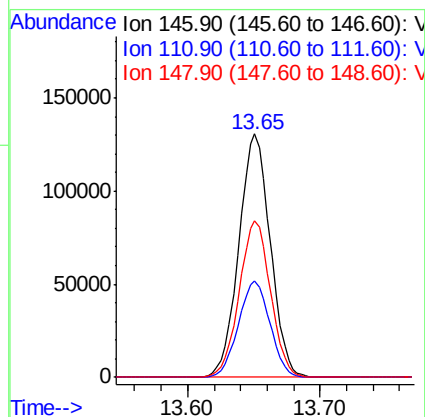
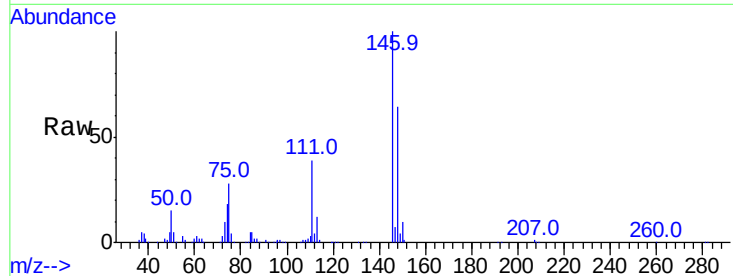




#91
 1,2-Dichlorobenzene
 Concen: 47.236 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

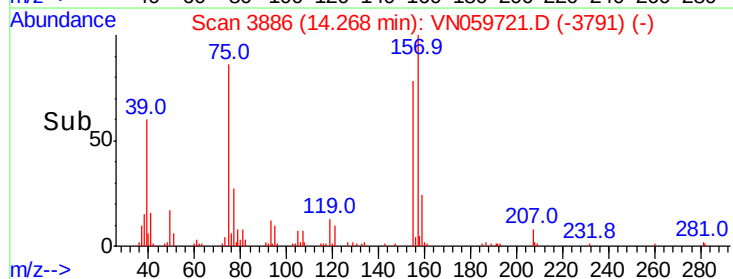
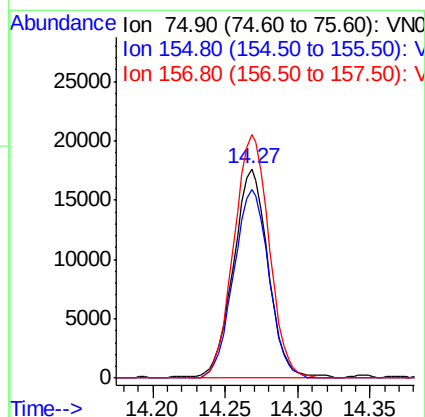
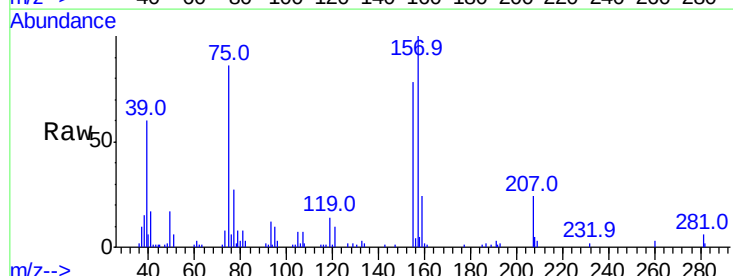
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

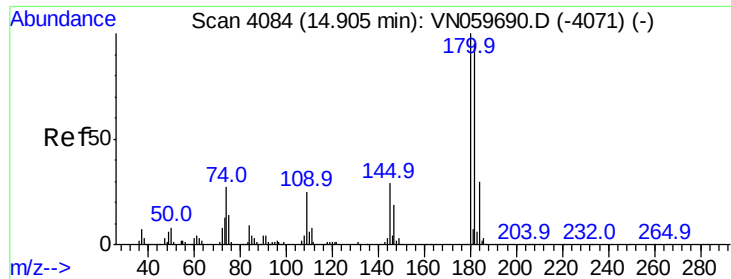
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.6	64.8
148	64.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.871 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	37.0	110.9
157	117.4	48.4	145.2

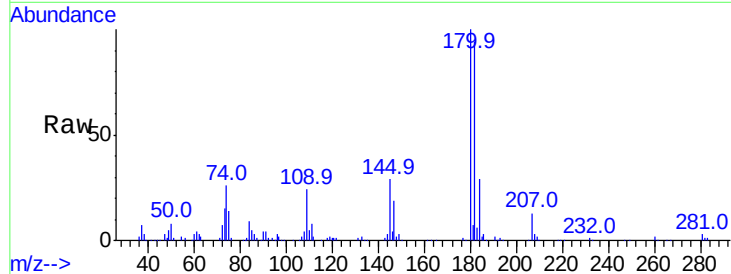




#93
 1,2,4-Trichlorobenzene
 Concen: 49.542 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.7
145	29.7	15.0	45.1

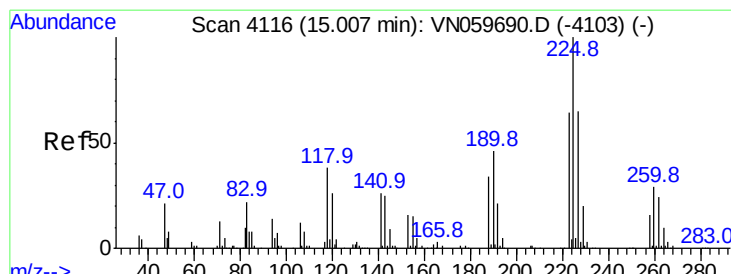
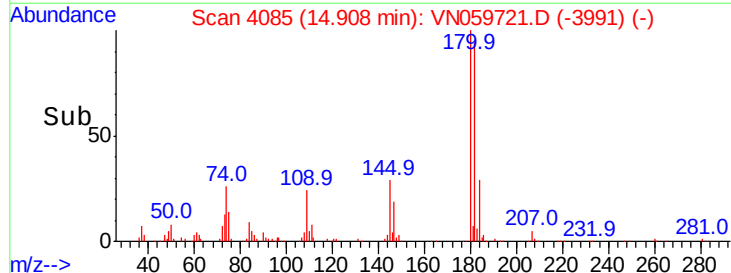
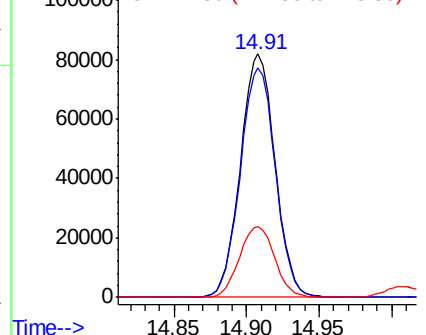


Abundance

Ion 179.80 (179.50 to 180.50): V

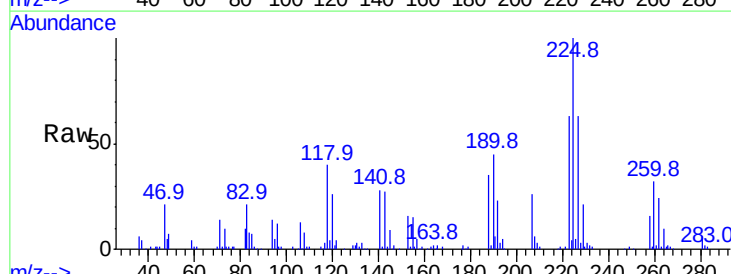
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.121 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059721.D
 Acq: 16 Jan 2020 10:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.8	95.3
227	63.9	32.1	96.5

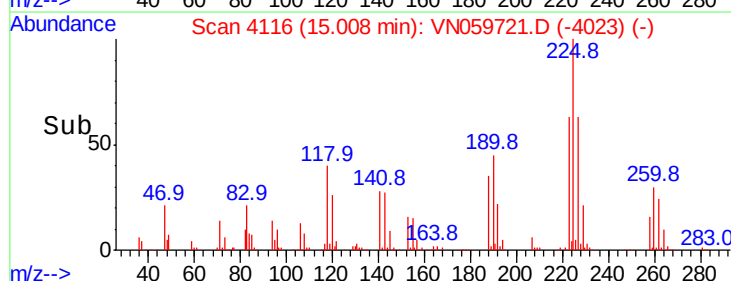
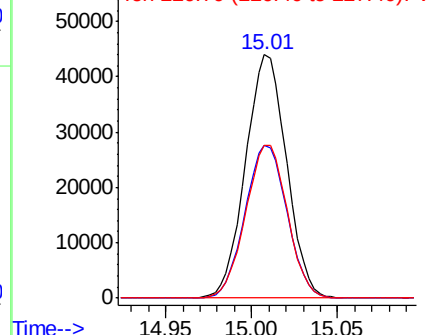


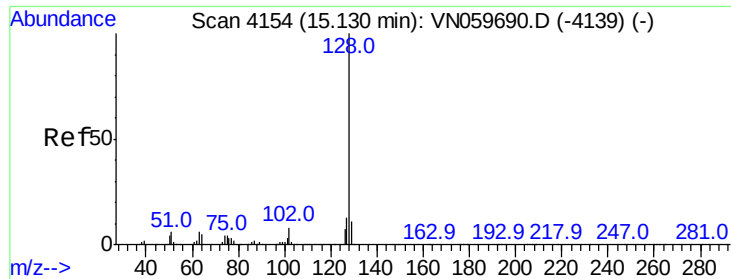
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

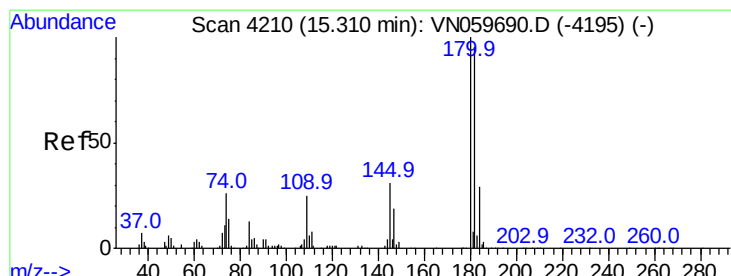
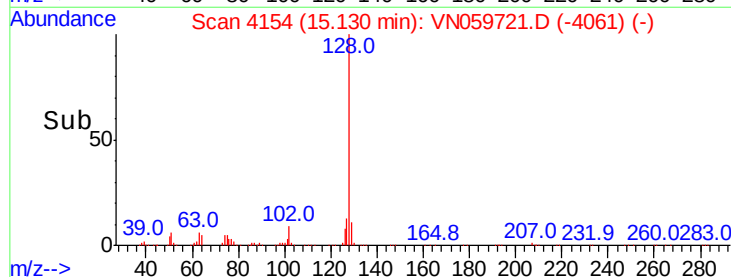
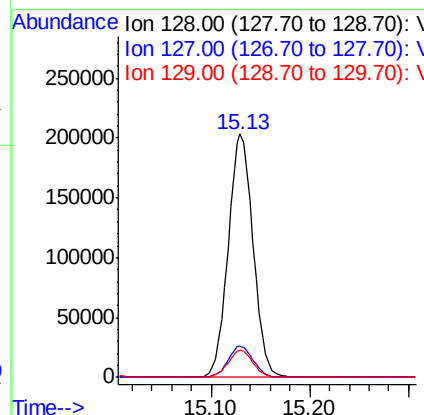
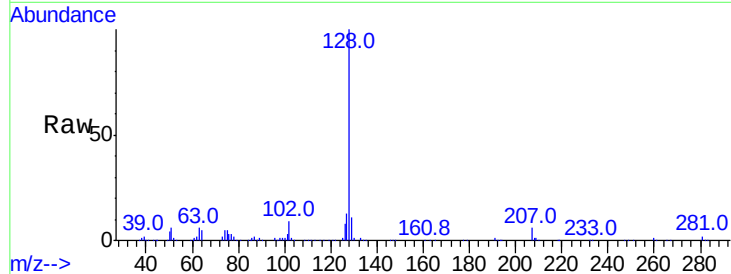




#95
Naphthalene
Concen: 45.976 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.039 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059721.D
Acq: 16 Jan 2020 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.3
145	30.9	16.3	48.9

