

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056059.D
 Acq On : 6 Jun 2019 21:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 07 05:30:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	309024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	466494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	414439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184250	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	159704	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
35) Dibromofluoromethane	7.59	113	144369	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	10.09	98	549320	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	186275	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	167848	49.445	ug/l	100
3) Chloromethane	2.06	50	175443	52.374	ug/l	97
4) Vinyl Chloride	2.18	62	178020	52.979	ug/l	99
5) Bromomethane	2.53	94	110056	51.849	ug/l	98
6) Chloroethane	2.68	64	101404	52.049	ug/l	100
7) Trichlorofluoromethane	3.00	101	216919	50.568	ug/l	98
8) Diethyl Ether	3.40	74	89750	50.877	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	134061	51.448	ug/l	100
10) Methyl Iodide	3.94	142	197718	47.747	ug/l	99
11) Tert butyl alcohol	4.82	59	137378	257.282	ug/l	99
12) 1,1-Dichloroethene	3.72	96	133597	51.498	ug/l	96
13) Acrolein	3.60	56	45081	292.738	ug/l	100
14) Allyl chloride	4.31	41	210568	51.403	ug/l	98
15) Acrylonitrile	4.99	53	378523	291.215	ug/l	100
16) Acetone	3.82	43	318795	217.237	ug/l	98
17) Carbon Disulfide	4.04	76	293858	47.309	ug/l	99
18) Methyl Acetate	4.33	43	166485	57.846	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	441022	53.333	ug/l	99
20) Methylene Chloride	4.54	84	158544	52.439	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	144198	51.877	ug/l	96
22) Diisopropyl ether	5.95	45	449348	53.065	ug/l	99
23) Vinyl Acetate	5.90	43	1831800	274.696	ug/l	99
24) 1,1-Dichloroethane	5.84	63	257837	52.786	ug/l	99
25) 2-Butanone	6.84	43	503593	271.606	ug/l	100
26) 2,2-Dichloropropane	6.82	77	164939	43.274	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	169864	51.989	ug/l	97
28) Bromochloromethane	7.19	49	120994	52.380	ug/l	99
29) Tetrahydrofuran	7.22	42	328562	286.675	ug/l	99
30) Chloroform	7.37	83	260652	53.046	ug/l	100
31) Cyclohexane	7.65	56	236232	48.519	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	214778	52.343	ug/l	99
36) 1,1-Dichloropropene	7.79	75	193995	48.363	ug/l	99
37) Ethyl Acetate	6.93	43	198404	55.591	ug/l	99
38) Carbon Tetrachloride	7.77	117	178013	48.136	ug/l	99

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Instrument :
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 ClientSampleId :
 VSTDCCC050

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	237280	47.486	ug/l	99
40) Benzene	8.04	78	614198	50.415	ug/l	99
41) Methacrylonitrile	7.17	41	93554	56.973	ug/l	96
42) 1,2-Dichloroethane	8.12	62	195091	49.783	ug/l	99
43) Isopropyl Acetate	8.17	43	305826	52.880	ug/l #	92
44) Trichloroethene	8.83	130	167347	47.803	ug/l	100
45) 1,2-Dichloropropane	9.12	63	159468	51.102	ug/l	99
46) Dibromomethane	9.21	93	104083	51.006	ug/l	98
47) Bromodichloromethane	9.40	83	187869	50.797	ug/l	100
48) Methyl methacrylate	9.20	41	151326	53.483	ug/l	96
49) 1,4-Dioxane	9.20	88	66027	1080.923	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	985476	272.481	ug/l	100
52) Toluene	10.16	92	384562	50.727	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	197774	45.821	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	227492	51.173	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	156317	52.055	ug/l	99
56) Ethyl methacrylate	10.43	69	234642	53.560	ug/l	99
57) 1,3-Dichloropropane	10.71	76	254709	52.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	407703	235.628	ug/l	100
59) 2-Hexanone	10.75	43	680326	259.539	ug/l	99
60) Dibromochloromethane	10.90	129	154240	46.739	ug/l	99
61) 1,2-Dibromoethane	11.00	107	161752	52.689	ug/l	98
64) Tetrachloroethene	10.63	164	175640	48.960	ug/l	97
65) Chlorobenzene	11.43	112	413628	50.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	149152	52.371	ug/l	100
67) Ethyl Benzene	11.51	91	717008	49.993	ug/l	98
68) m/p-Xylenes	11.62	106	549888	100.365	ug/l	99
69) o-Xylene	11.95	106	270116	50.120	ug/l	99
70) Styrene	11.96	104	450029	52.555	ug/l	99
71) Bromoform	12.13	173	109653	46.087	ug/l #	100
73) Isopropylbenzene	12.25	105	708629	54.158	ug/l	100
74) N-amyl acetate	12.07	43	251078	51.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	214013	50.035	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	247494	73.001	ug/l #	100
77) Bromobenzene	12.53	156	193410	49.030	ug/l	96
78) n-propylbenzene	12.59	91	751486	48.211	ug/l	99
79) 2-Chlorotoluene	12.67	91	462495	53.663	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	583132	47.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	49622	48.742	ug/l	90
82) 4-Chlorotoluene	12.77	91	445203	48.820	ug/l	100
83) tert-Butylbenzene	12.99	119	511178	53.365	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	570623	48.573	ug/l	99
85) sec-Butylbenzene	13.17	105	662727	48.009	ug/l	100
86) p-Isopropyltoluene	13.29	119	597917	48.398	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	304199	49.825	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	290787	49.512	ug/l	99
89) n-Butylbenzene	13.61	91	444910	48.614	ug/l	100
90) Hexachloroethane	13.87	117	91539	49.132	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	300996	48.831	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32426	53.003	ug/l	96

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ClientSampleId :
VSTDCCC050

Quant Time: Jun 07 05:30:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

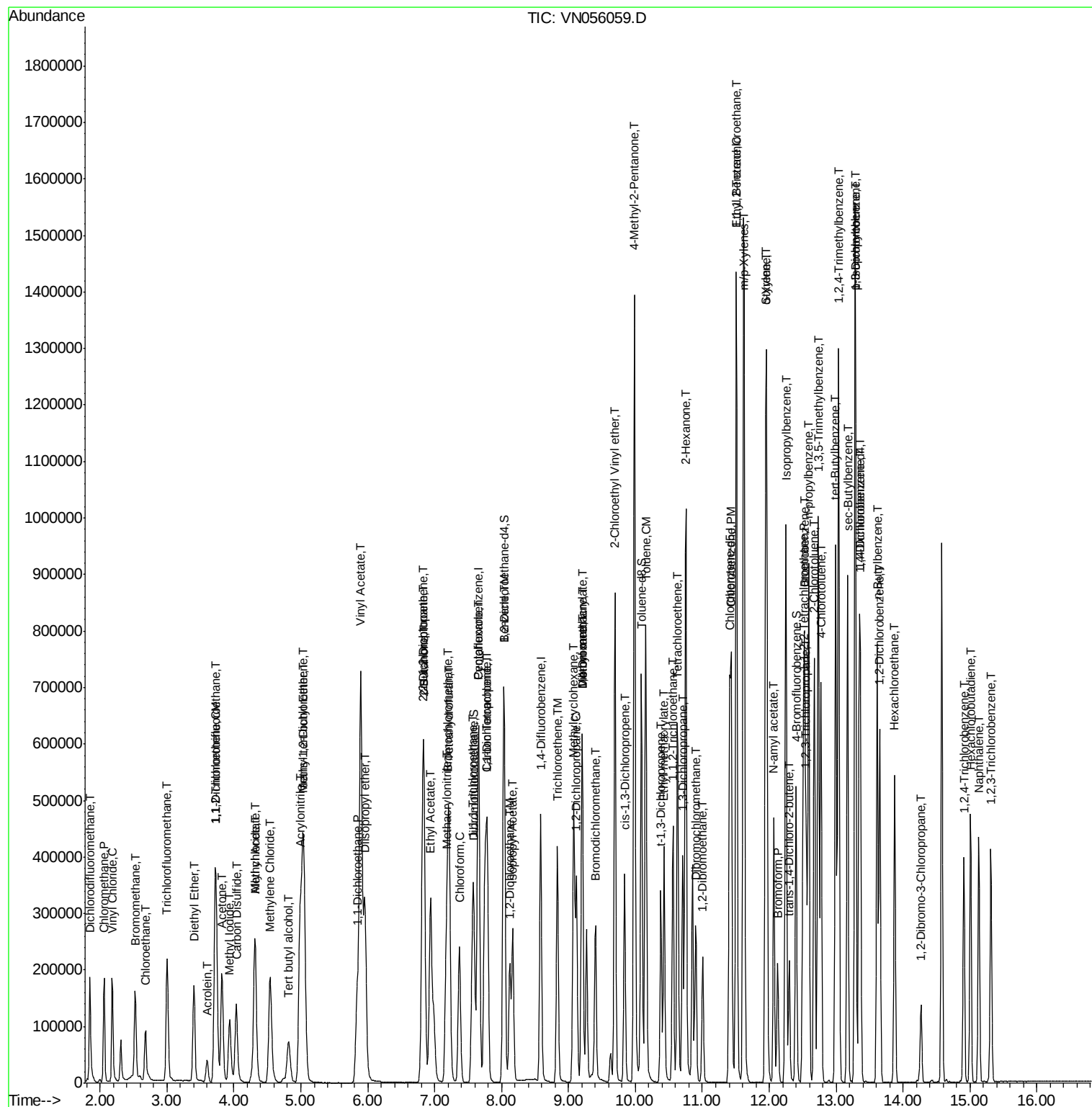
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	144700	43.231	ug/l	100
94) Hexachlorobutadiene	15.01	225	105555	49.925	ug/l	98
95) Naphthalene	15.13	128	395876	45.312	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	156558	45.515	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060719\
Data File : VN056059.D
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Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jun 07 05:30:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

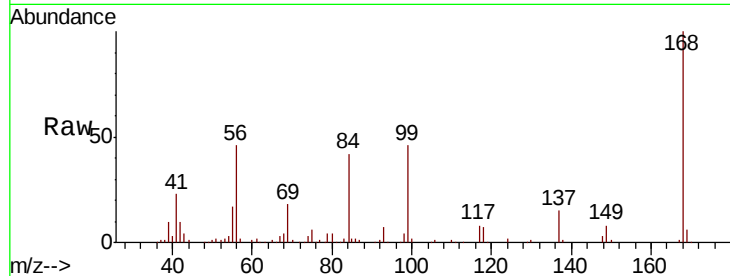
VSTDCCC050

Tot Ion:168 Resp: 309024

Ion Ratio Lower Upper

168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

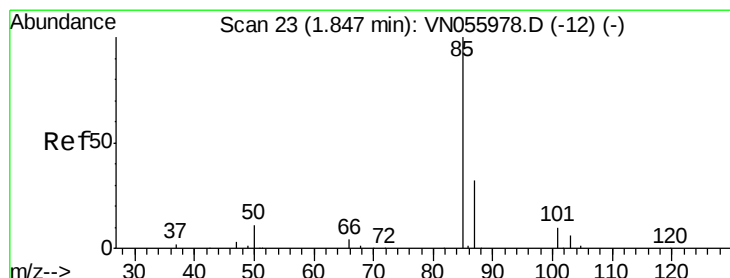
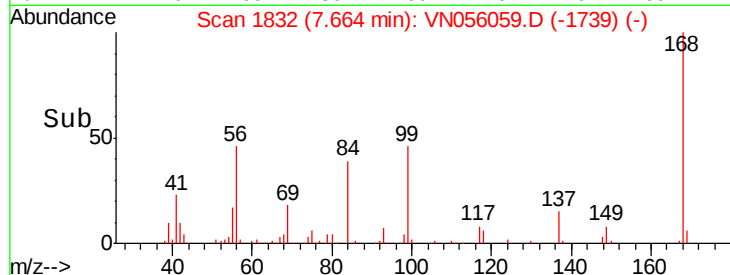
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.445 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056059.D

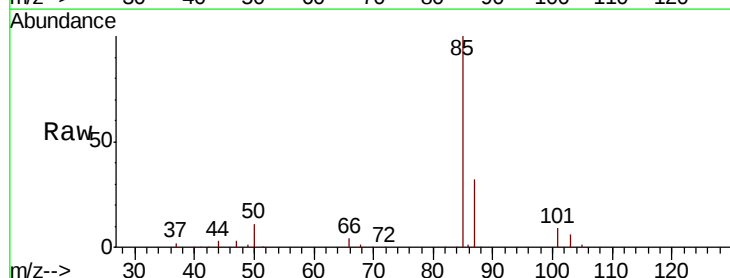
Acq: 6 Jun 2019 21:12

Tgt Ion: 85 Resp: 167848

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

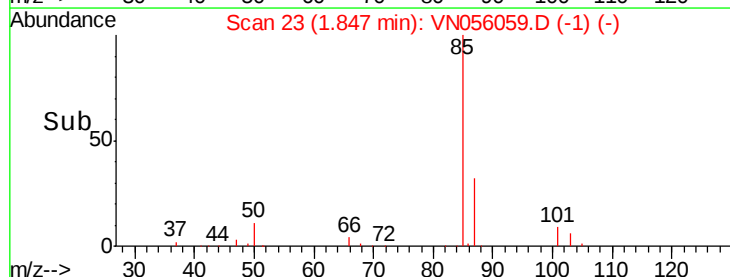
60000

40000

20000

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Time-->





#3

Chloromethane

Concen: 52.374 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

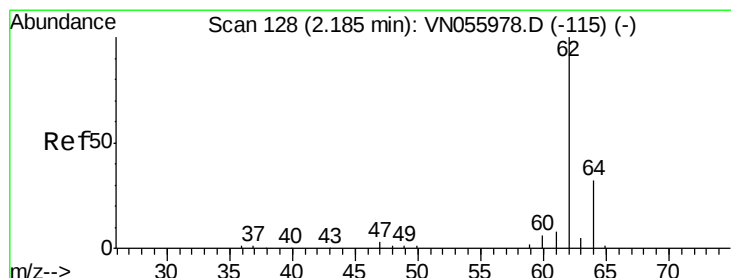
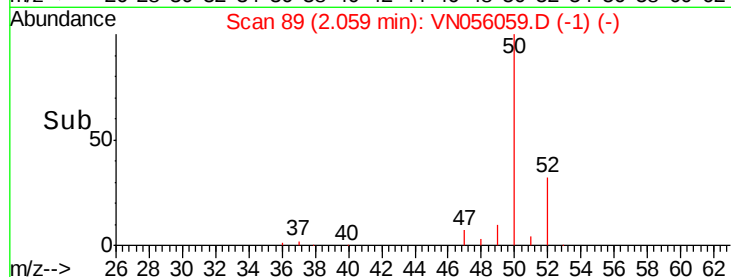
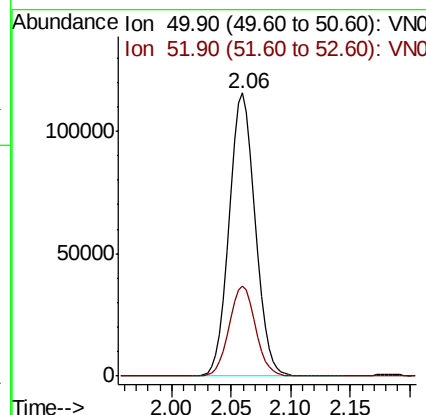
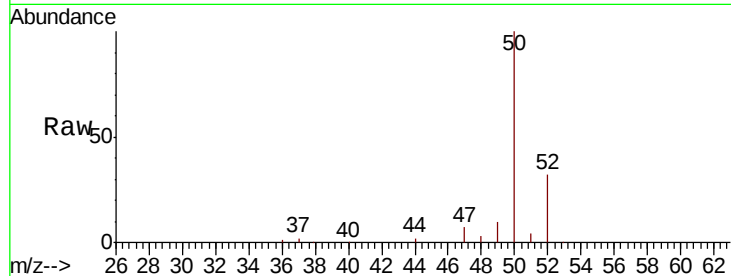
VSTDCCC050

Tot Ion: 50 Resp: 175443

Ion Ratio Lower Upper

50 100

52 31.8 26.6 40.0



#4

Vinyl Chloride

Concen: 52.979 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056059.D

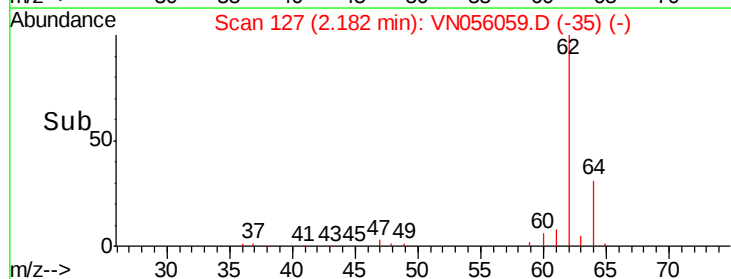
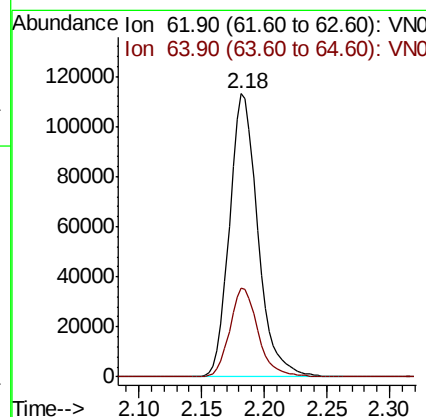
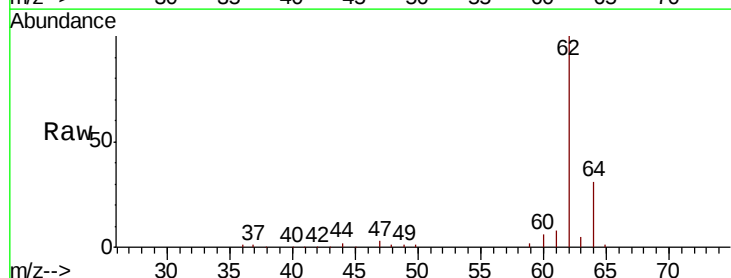
Acq: 6 Jun 2019 21:12

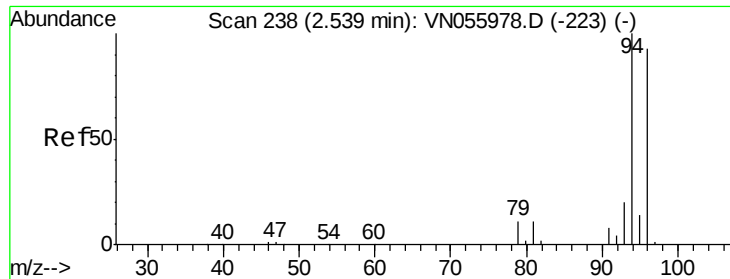
Tgt Ion: 62 Resp: 178020

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4

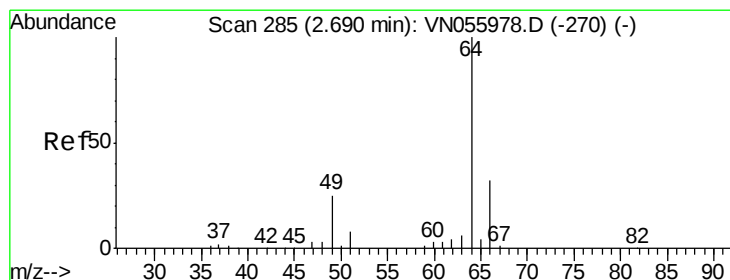
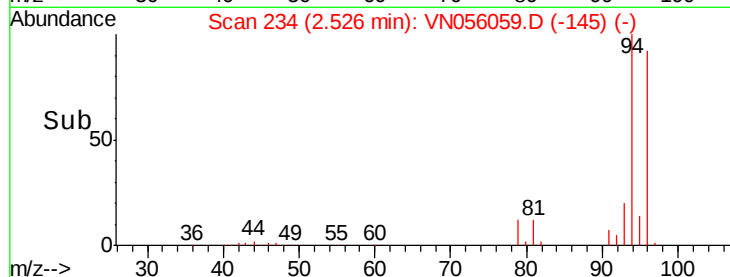
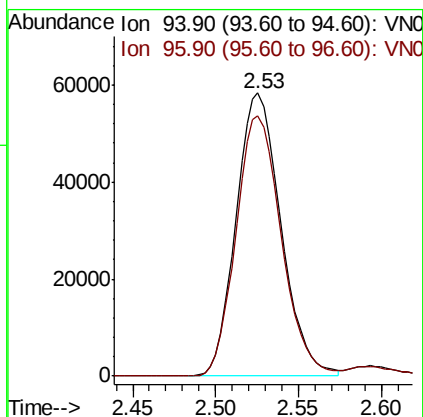
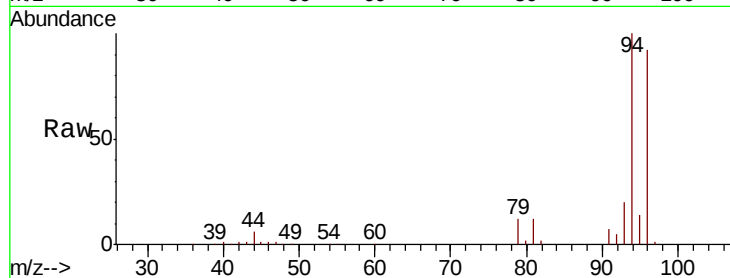




#5
Bromomethane
Concen: 51.849 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

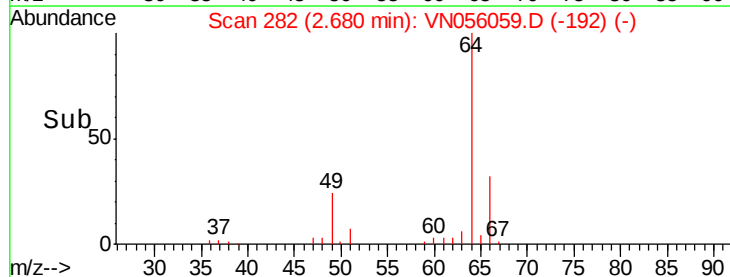
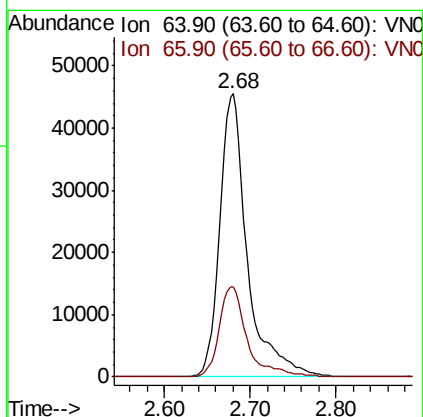
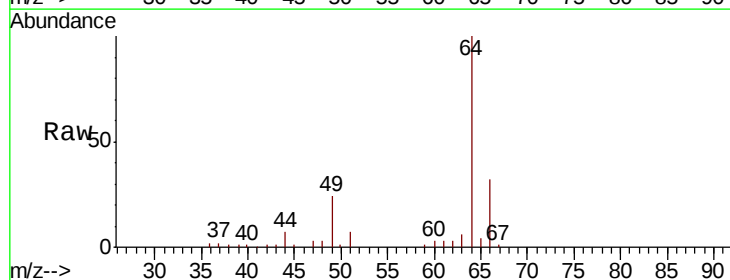
Instrument :
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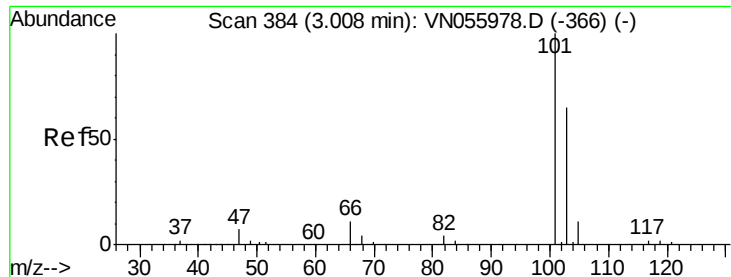
Tot Ion: 94 Resp: 110056
Ion Ratio Lower Upper
94 100
96 92.1 75.5 113.3



#6
Chloroethane
Concen: 52.049 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 64 Resp: 101404
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0



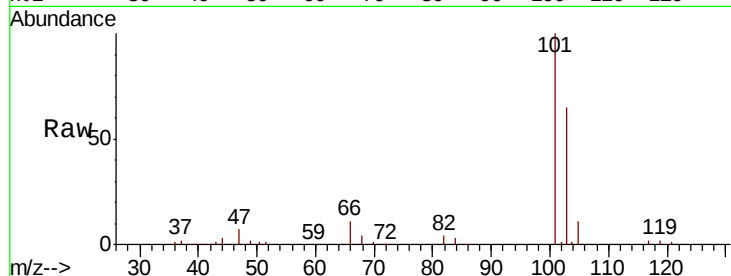


#7

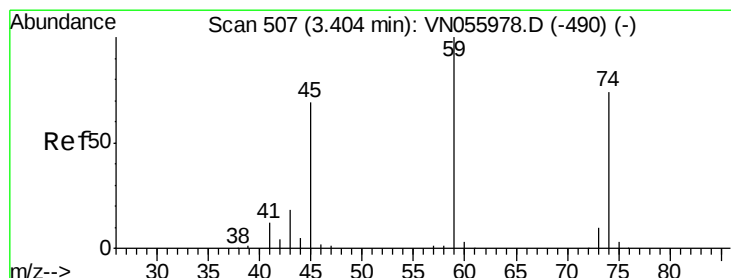
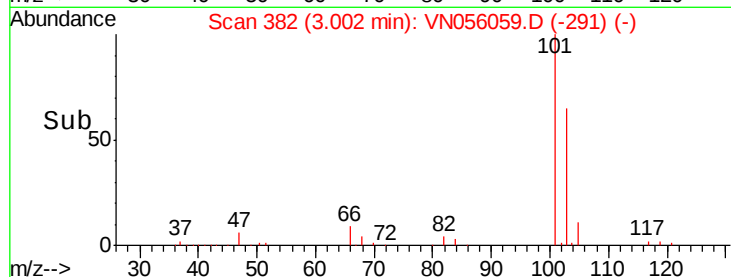
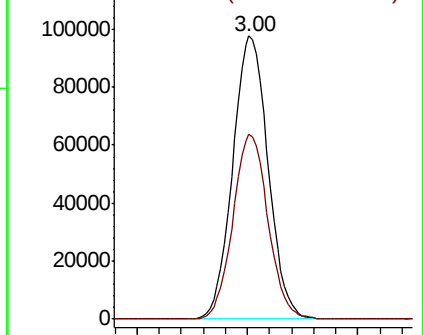
Trichlorofluoromethane
Concen: 50.568 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 216919
Ion Ratio Lower Upper
101 100
103 65.3 51.2 76.8



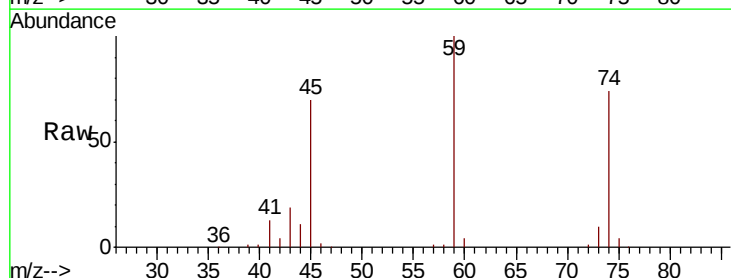
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



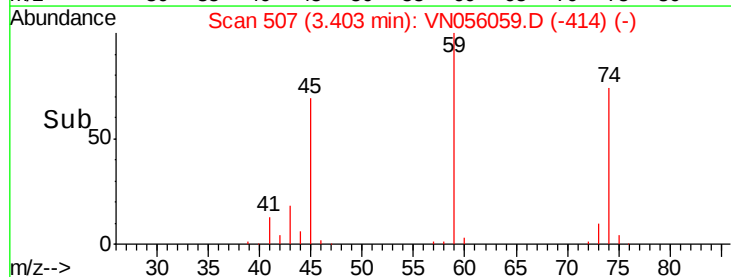
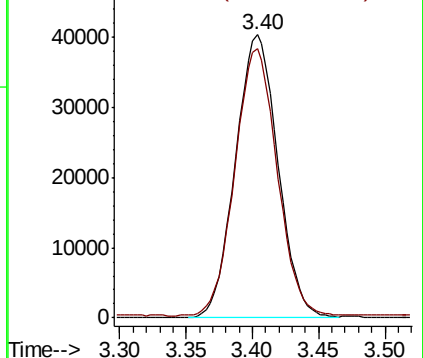
#8

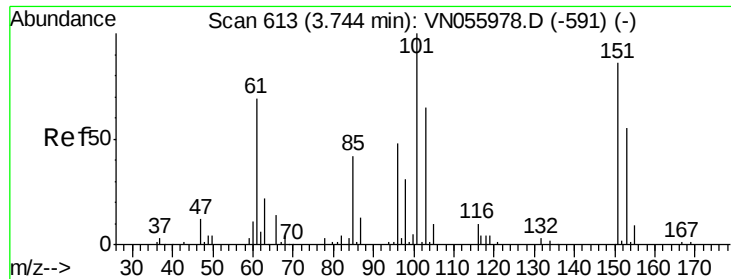
Diethyl Ether
Concen: 50.877 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 74 Resp: 89750
Ion Ratio Lower Upper
74 100
45 93.3 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.448 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056059.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

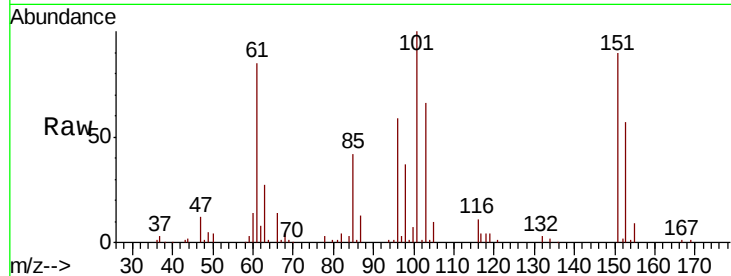
Tot Ion:101 Resp: 134061

Ion Ratio Lower Upper

101 100

85 41.4 33.4 50.2

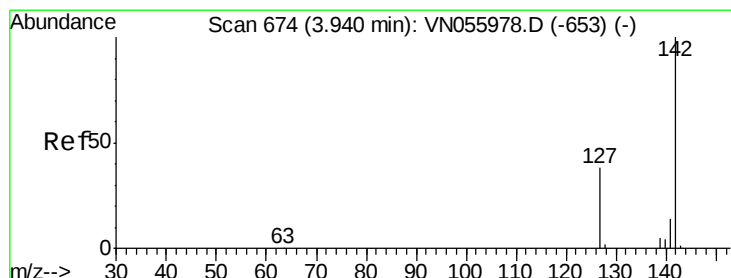
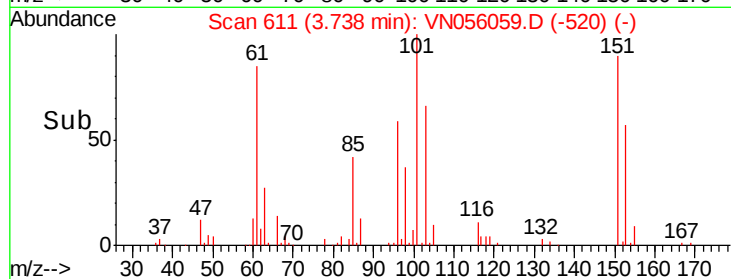
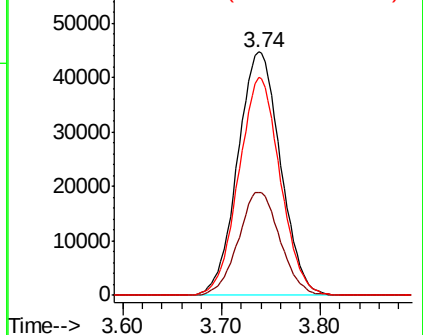
151 87.1 69.4 104.2



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: 47.747 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

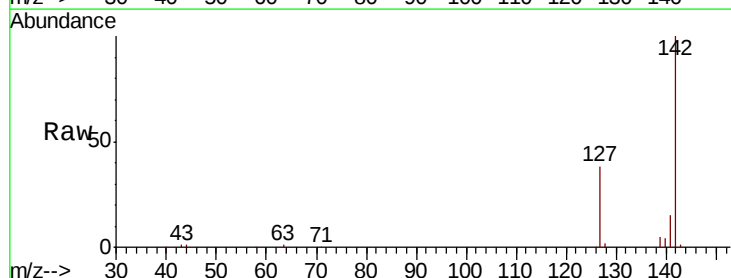
Tgt Ion:142 Resp: 197718

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

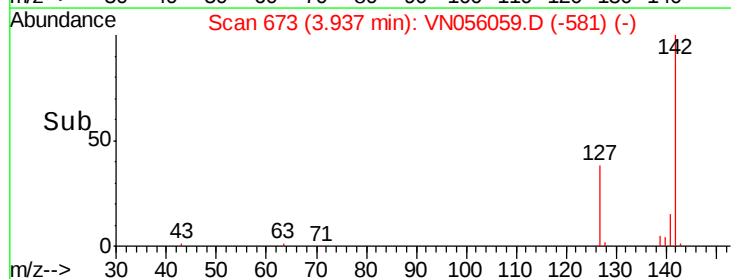
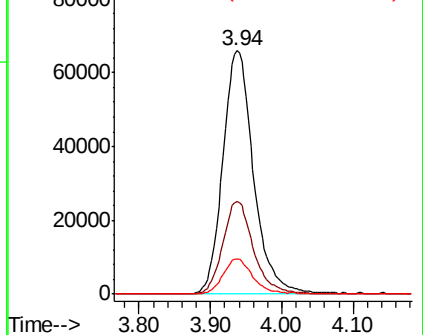
141 14.0 11.4 17.0

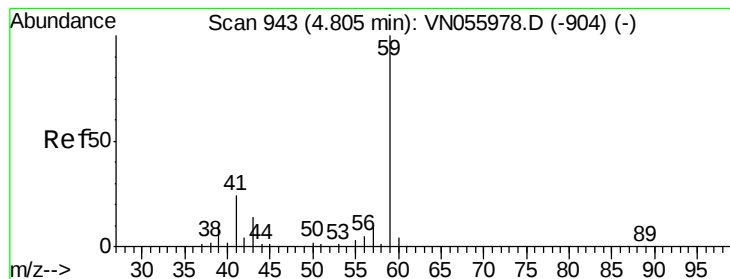


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



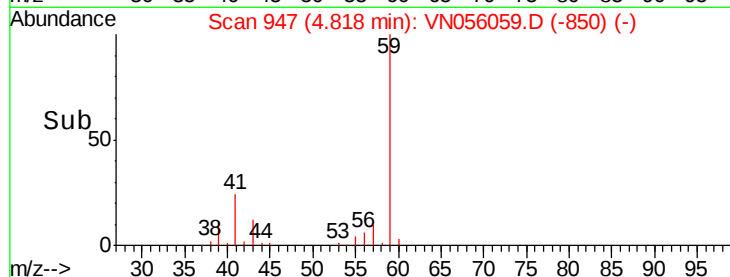
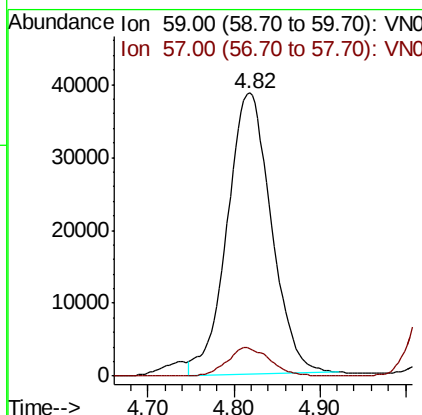
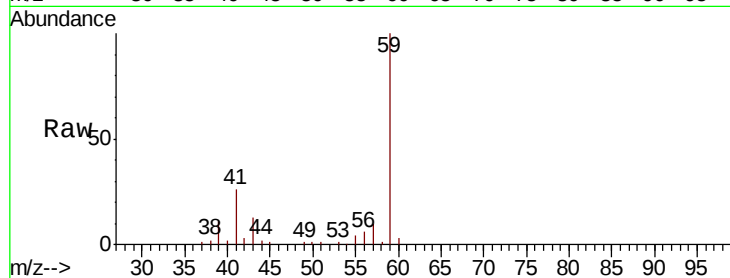


#11

Tert butyl alcohol
 Concen: 257.282 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

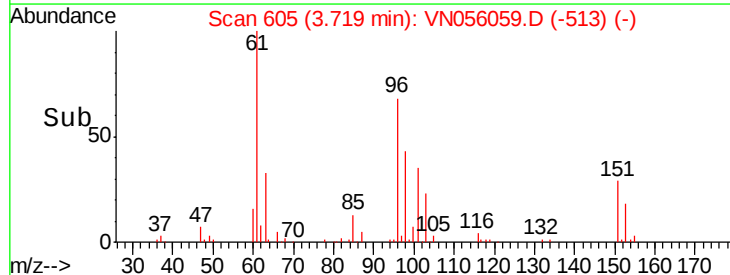
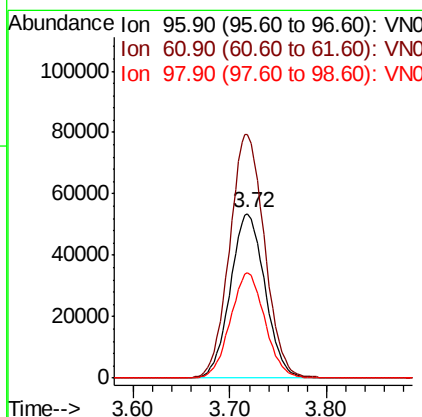
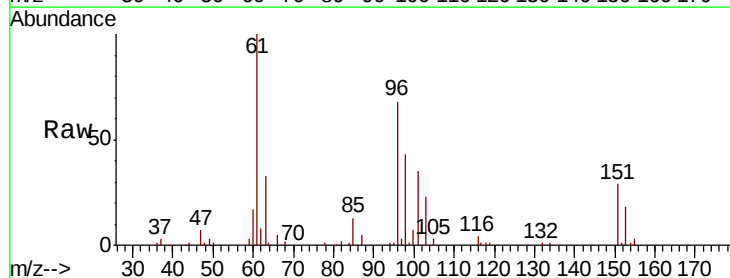
Tot Ion: 59 Resp: 137378
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

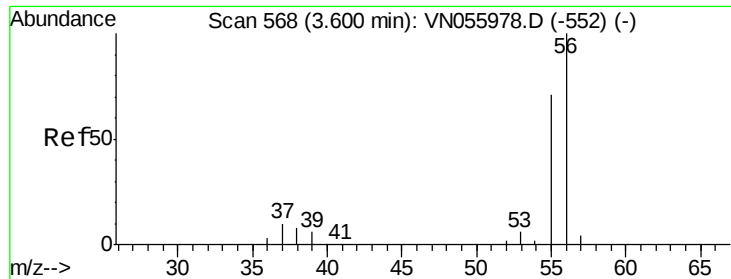


#12

1,1-Dichloroethene
 Concen: 51.498 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Tgt Ion: 96 Resp: 133597
 Ion Ratio Lower Upper
 96 100
 61 147.6 123.2 184.8
 98 64.0 50.4 75.6





#13

Acrolein

Concen: 292.738 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

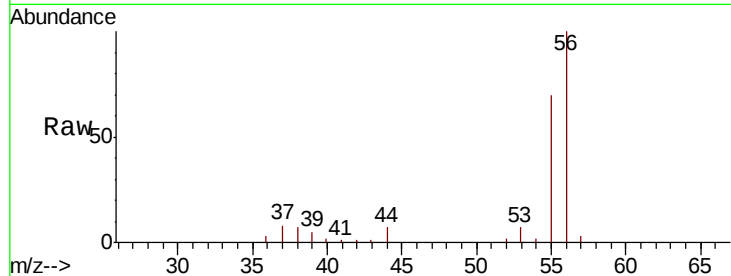
VSTDCCC050

Tot Ion: 56 Resp: 45081

Ion Ratio Lower Upper

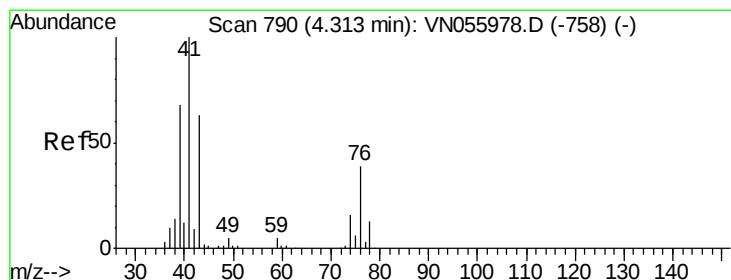
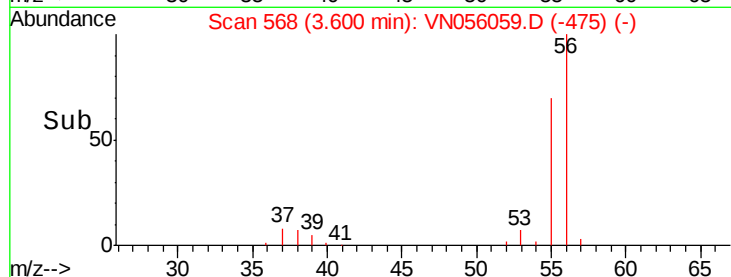
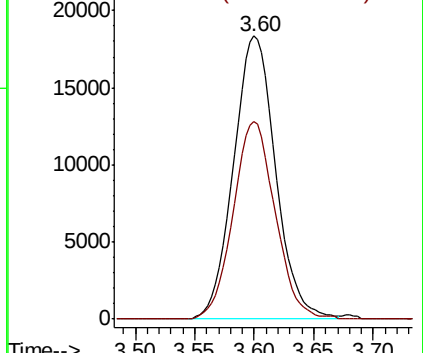
56 100

55 69.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.403 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

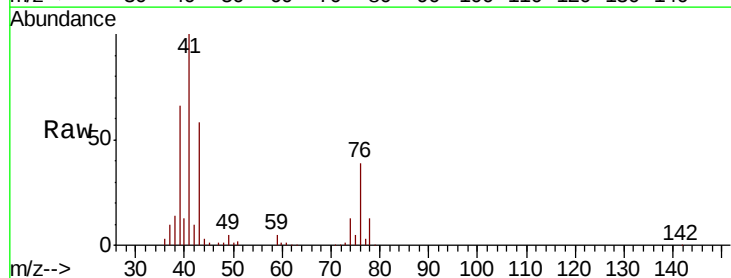
Tgt Ion: 41 Resp: 210568

Ion Ratio Lower Upper

41 100

39 61.6 50.0 75.0

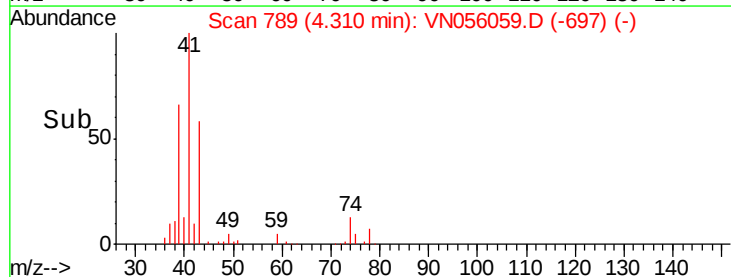
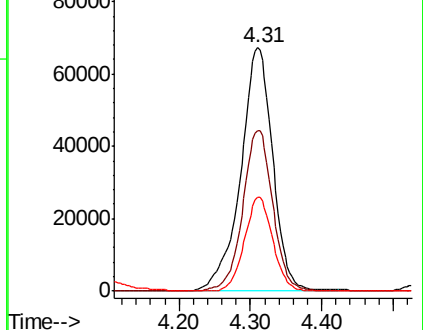
76 33.9 28.2 42.2

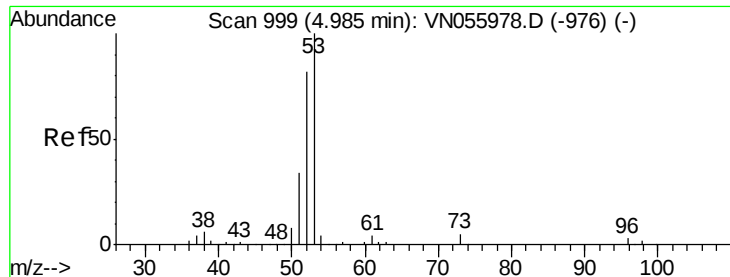


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 291.215 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

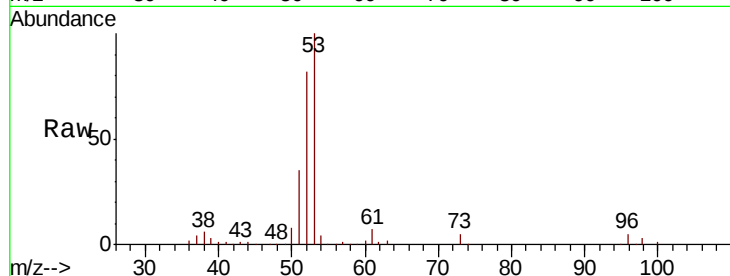
Tot Ion: 53 Resp: 378523

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.8

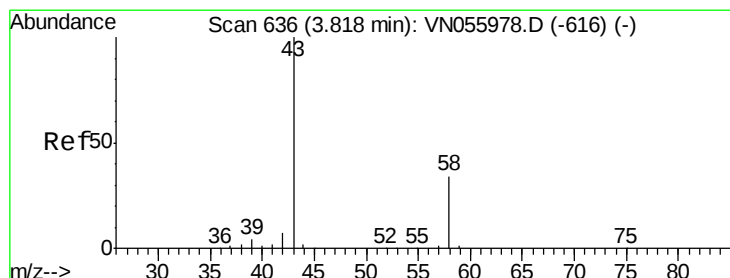
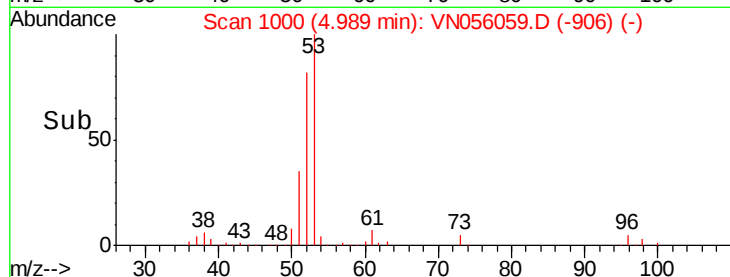
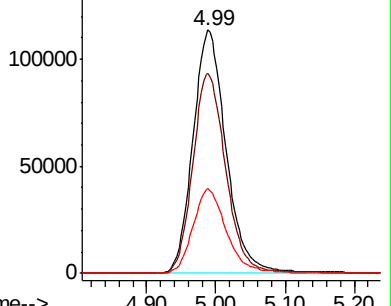
51 35.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055978.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055978.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055978.D (-976) (-)



#16

Acetone

Concen: 217.237 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056059.D

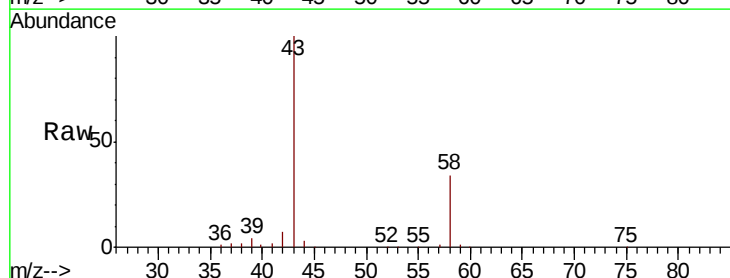
Acq: 6 Jun 2019 21:12

Tgt Ion: 43 Resp: 318795

Ion Ratio Lower Upper

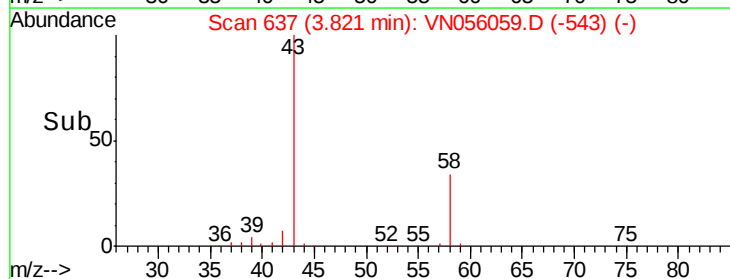
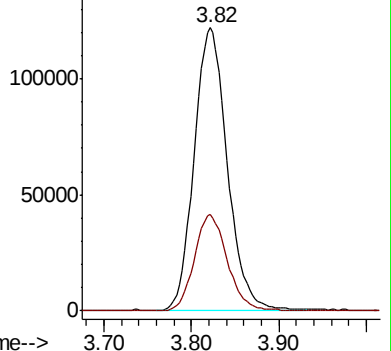
43 100

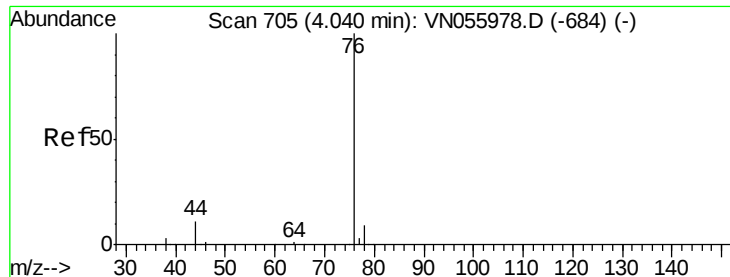
58 34.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

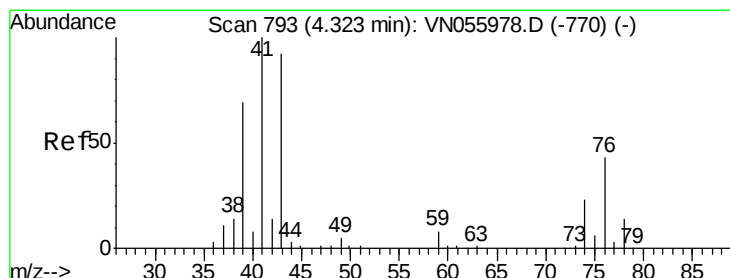
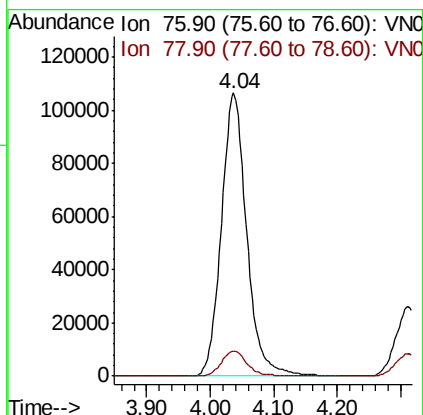
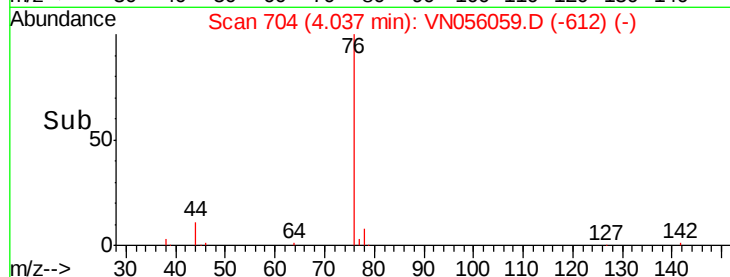
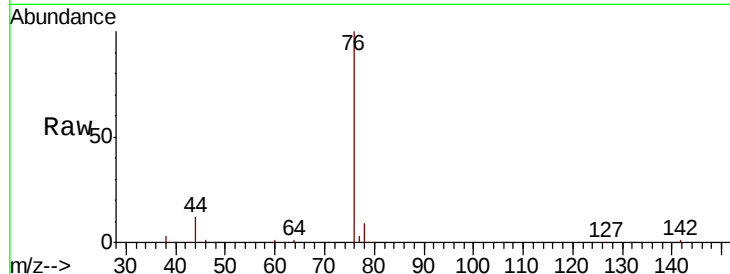




#17
Carbon Disulfide
Concen: 47.309 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

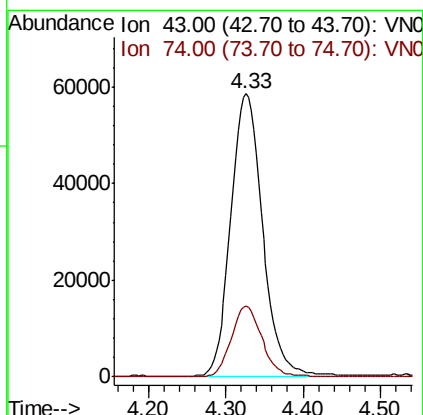
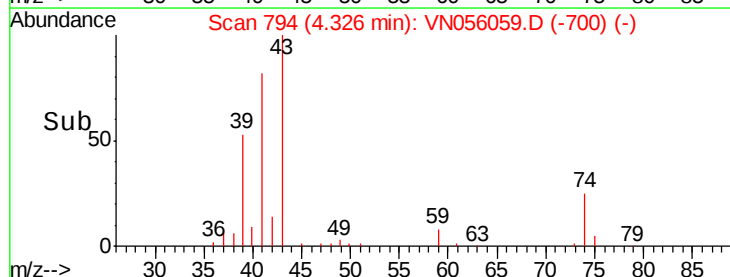
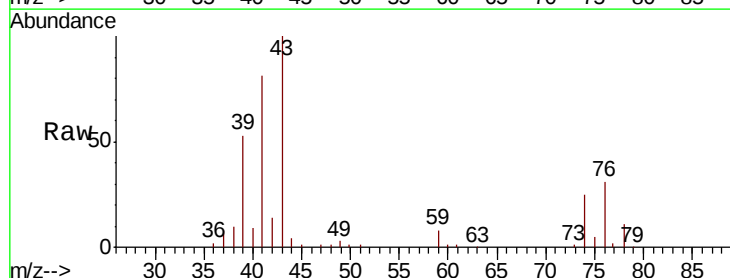
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 293858
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 57.846 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 43 Resp: 166485
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9

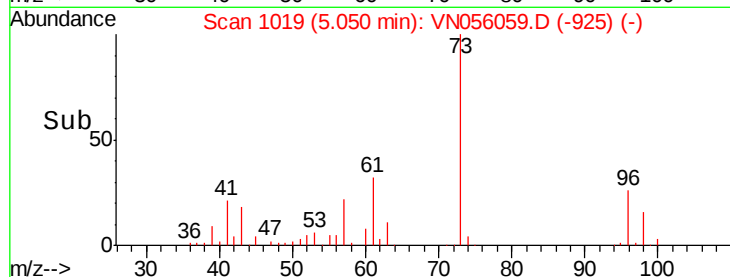
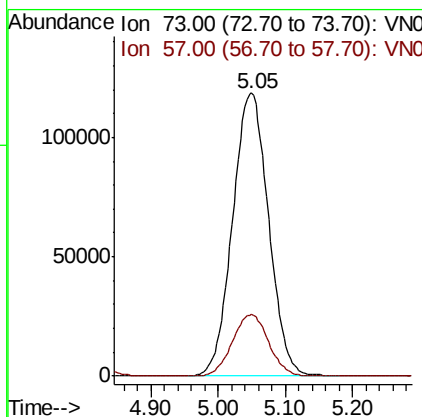
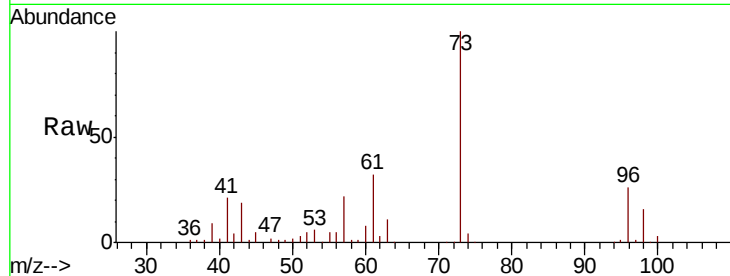




#19
Methvl tert-butvl Ether
Concen: 53.333 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

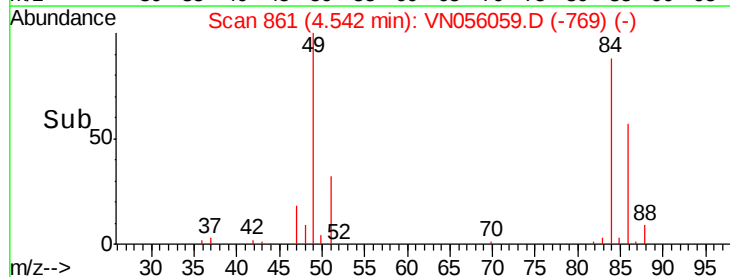
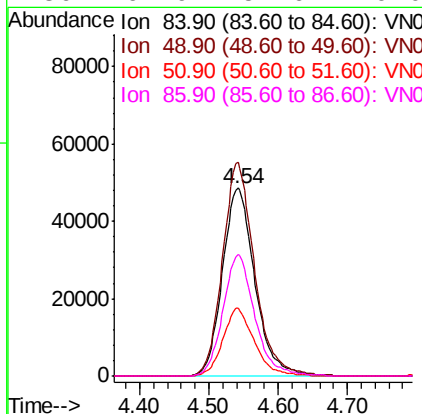
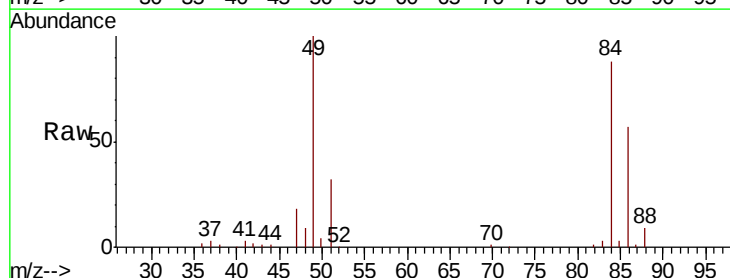
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

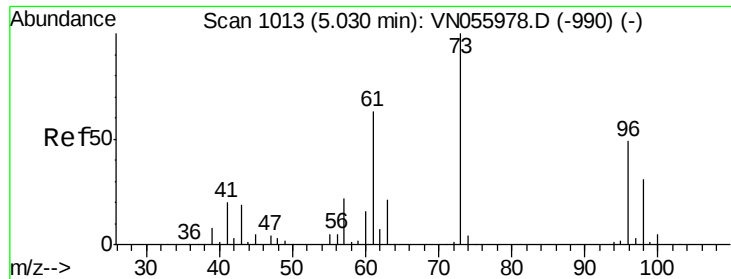
Tot Ion: 73 Resp: 441022
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 52.439 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 84 Resp: 158544
Ion Ratio Lower Upper
84 100
49 113.5 93.5 140.3
51 36.4 28.6 43.0
86 64.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 51.877 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

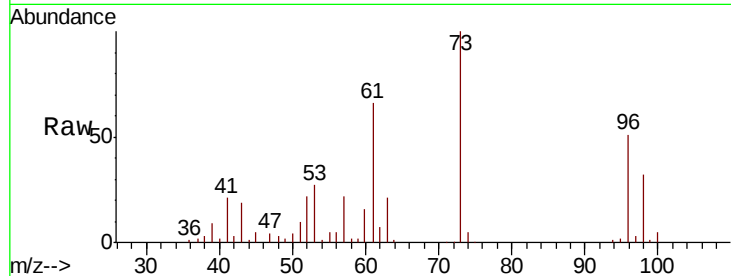
Tot Ion: 96 Resp: 144198

Ion Ratio Lower Upper

96 100

61 127.9 107.8 161.8

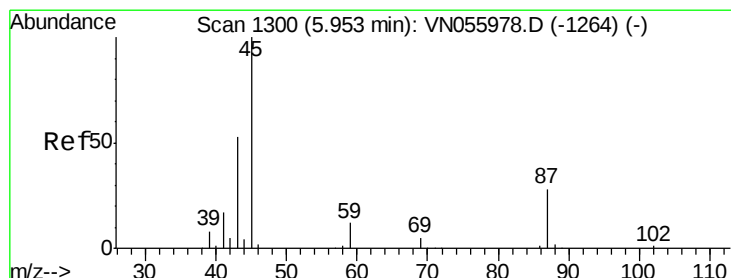
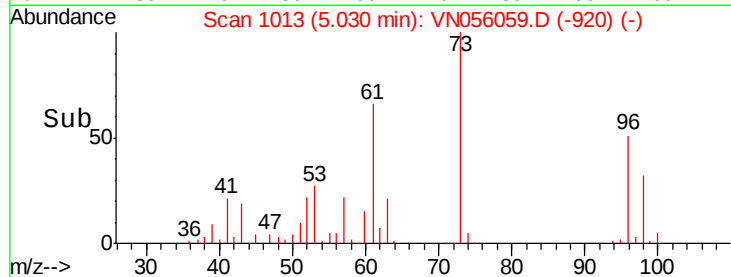
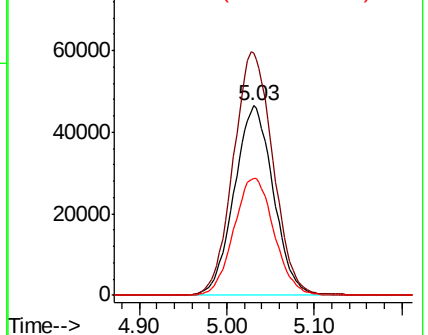
98 61.9 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN056059.D (-920) (-)

Ion 60.90 (60.60 to 61.60): VN056059.D (-920) (-)

Ion 97.90 (97.60 to 98.60): VN056059.D (-920) (-)



#22

Diisopropyl ether

Concen: 53.065 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Tgt Ion: 45 Resp: 449348

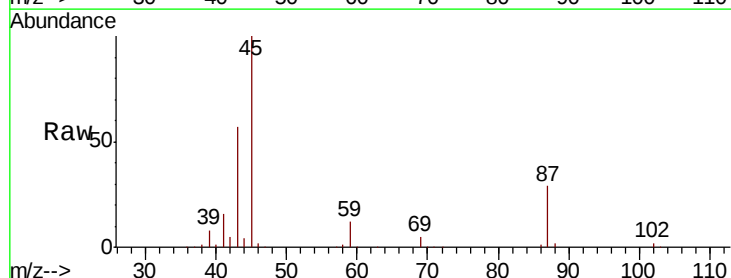
Ion Ratio Lower Upper

45 100

43 55.3 45.0 67.6

87 28.2 22.2 33.4

59 11.5 9.1 13.7

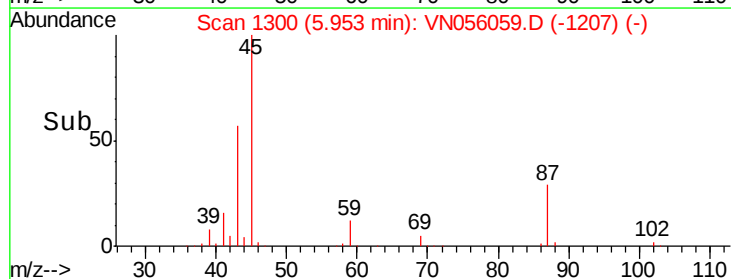
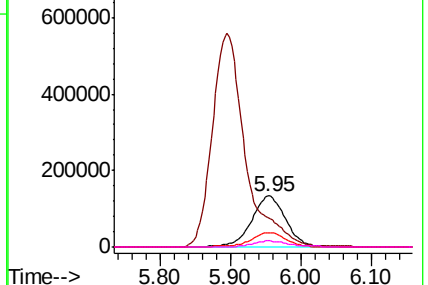


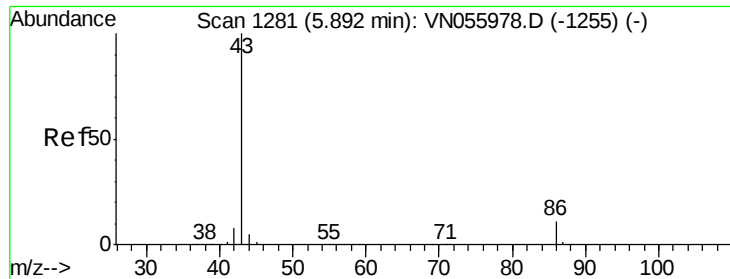
Abundance Ion 45.00 (44.70 to 45.70): VN056059.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN056059.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN056059.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN056059.D (-1207) (-)

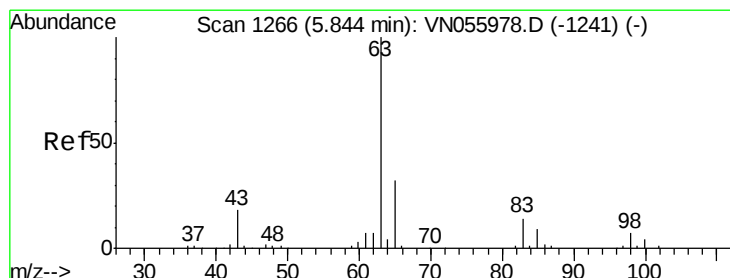
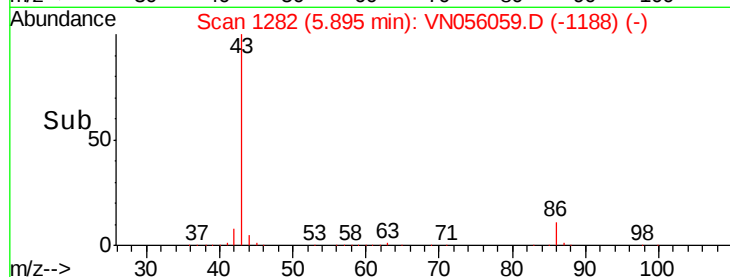
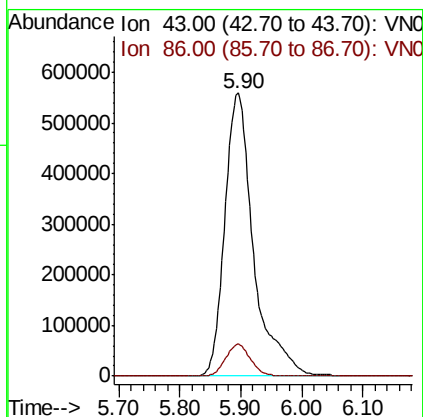
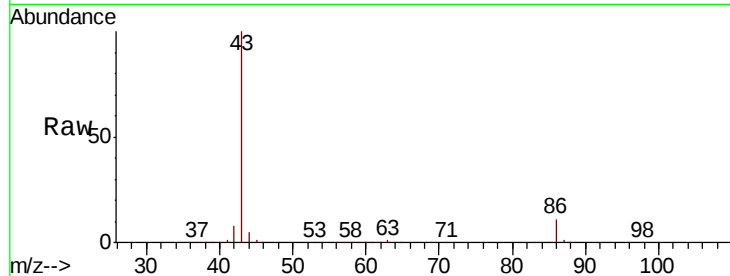




#23
 Vinyl Acetate
 Concen: 274.696 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

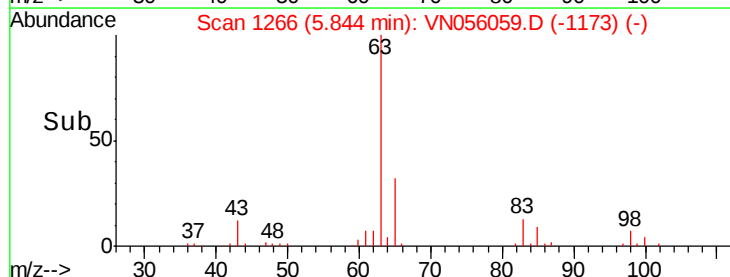
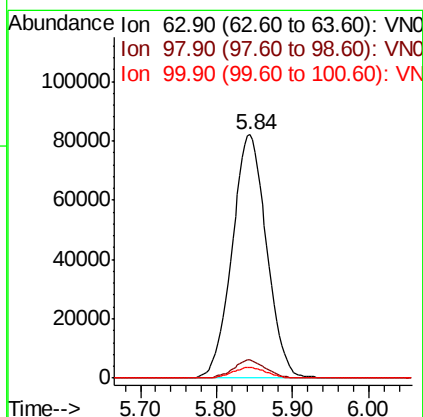
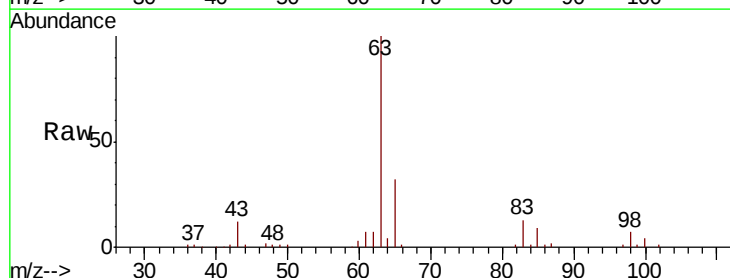
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1831800
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.786 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Tgt Ion: 63 Resp: 257837
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.4 2.2 6.6

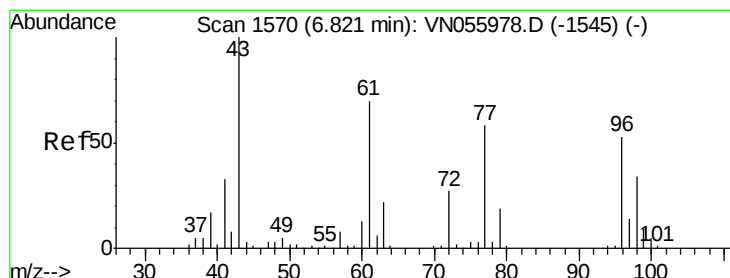
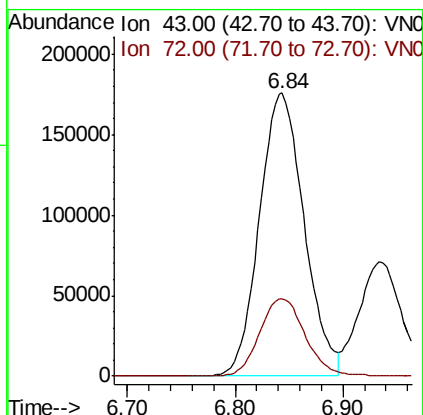
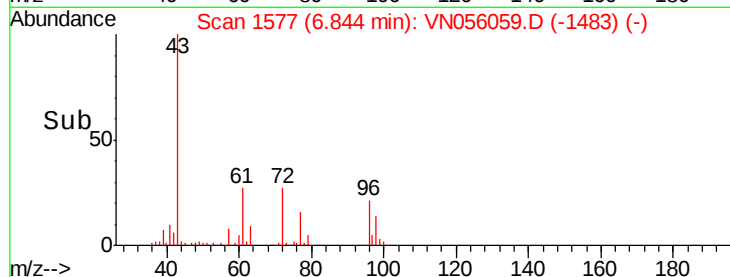
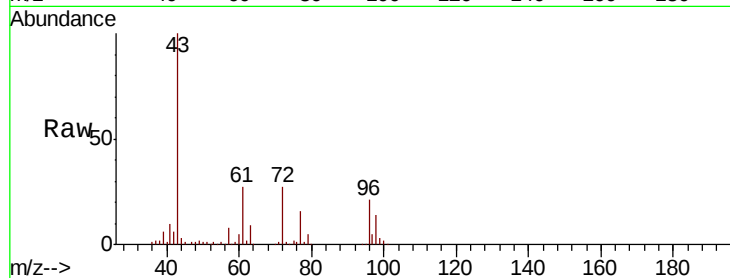




#25
2-Butanone
Concen: 271.606 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

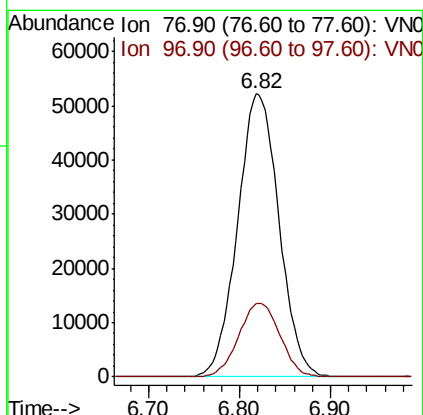
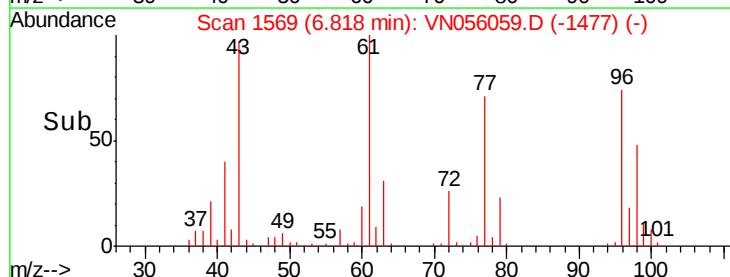
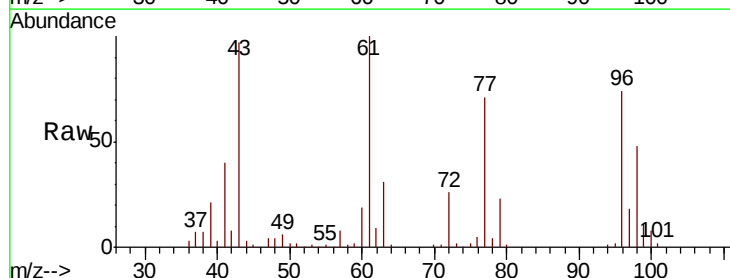
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 503593
Ion Ratio Lower Upper
43 100
72 27.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 43.274 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 77 Resp: 164939
Ion Ratio Lower Upper
77 100
97 26.0 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.989 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

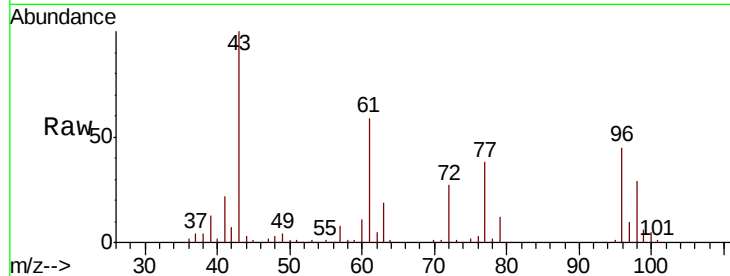
Tot Ion: 96 Resp: 169864

Ion Ratio Lower Upper

96 100

61 133.2 0.0 275.8

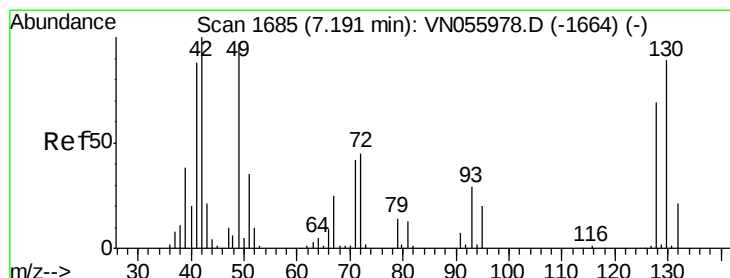
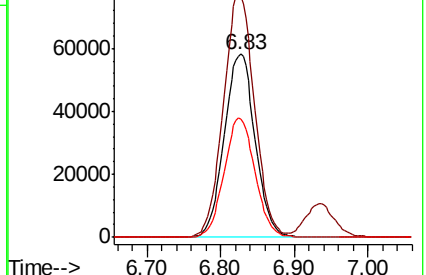
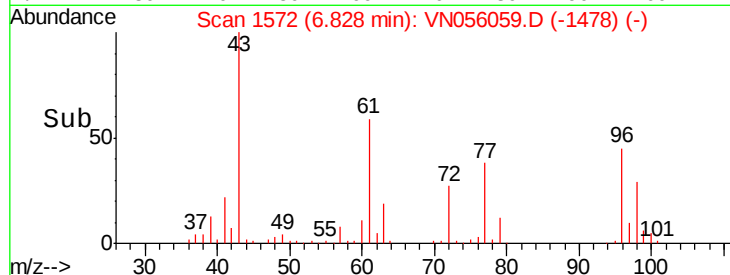
98 65.1 0.0 128.4



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: 52.380 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

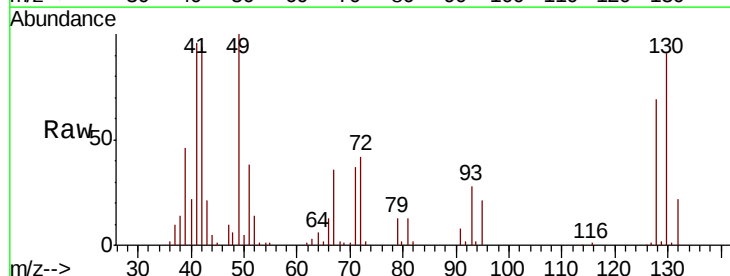
Tgt Ion: 49 Resp: 120994

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

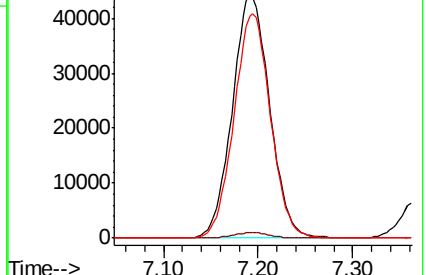
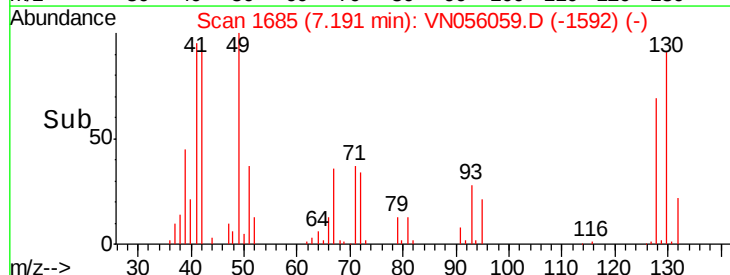
130 90.2 71.2 106.8

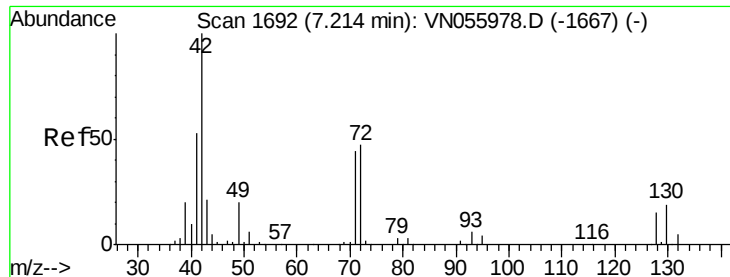


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

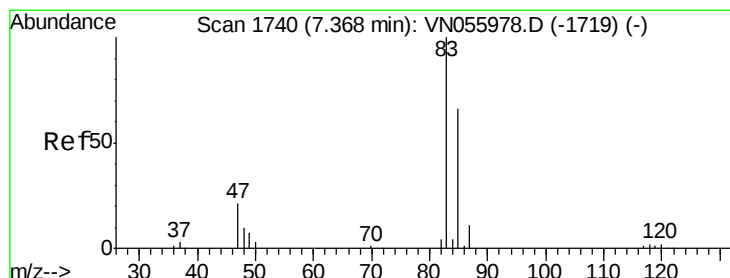
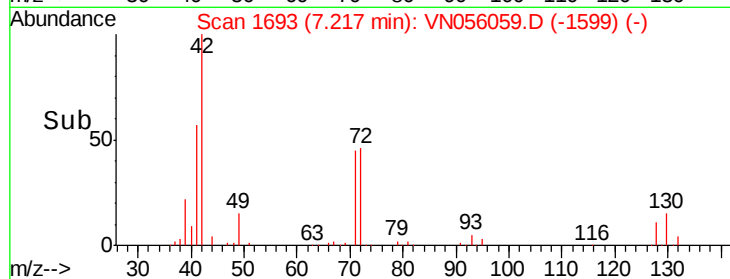
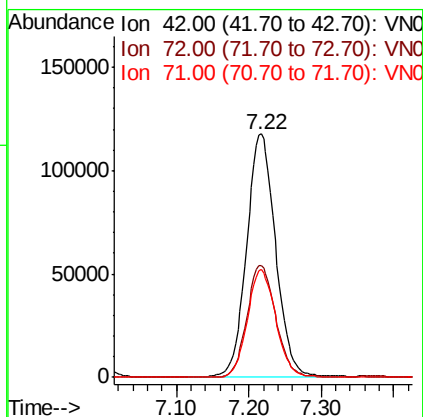
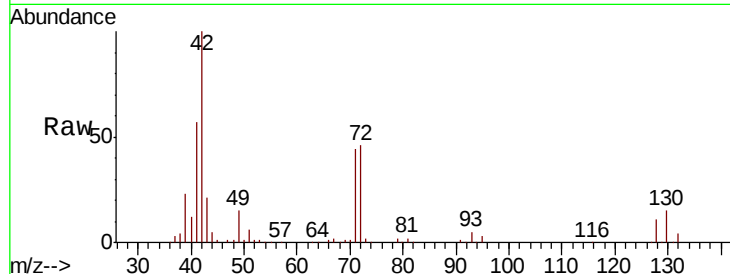




#29
Tetrahydrofuran
Concen: 286.675 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

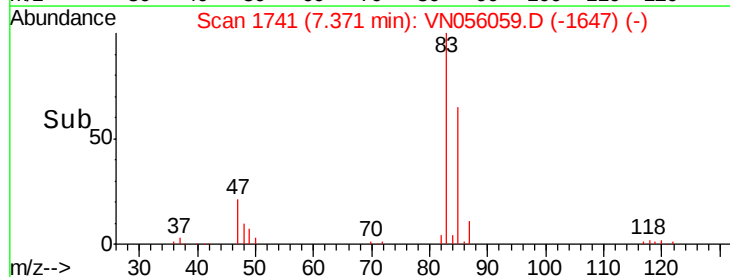
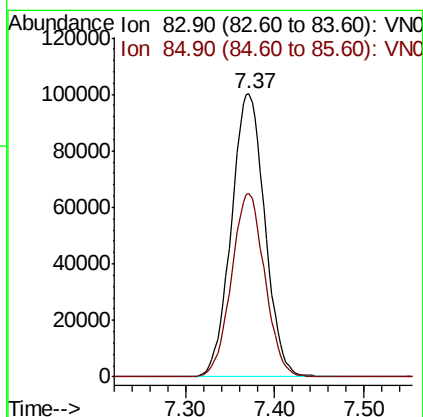
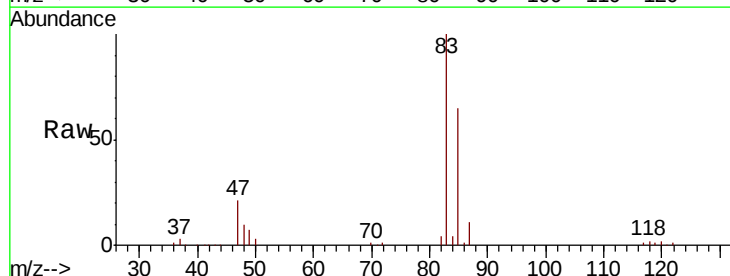
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

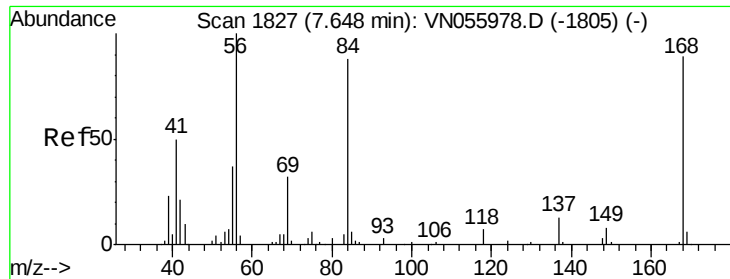
Tot Ion: 42 Resp: 328562
Ion Ratio Lower Upper
42 100
72 45.6 35.9 53.9
71 43.1 34.0 51.0



#30
Chloroform
Concen: 53.046 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 83 Resp: 260652
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8

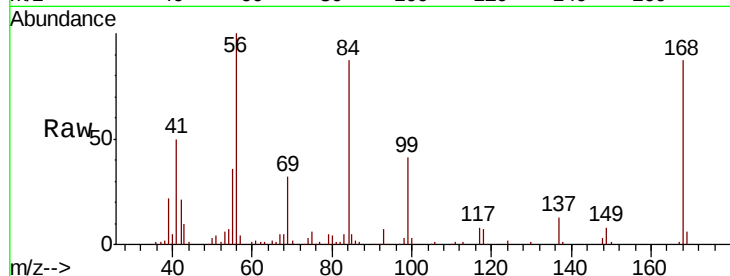




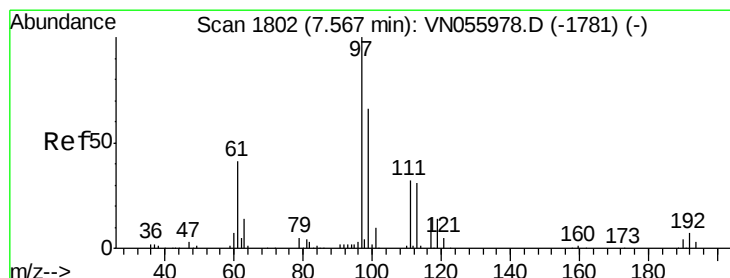
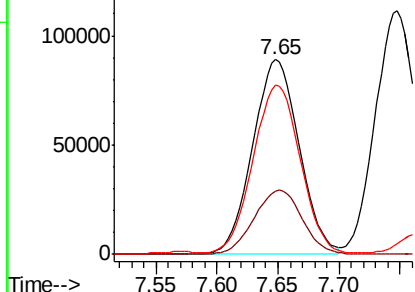
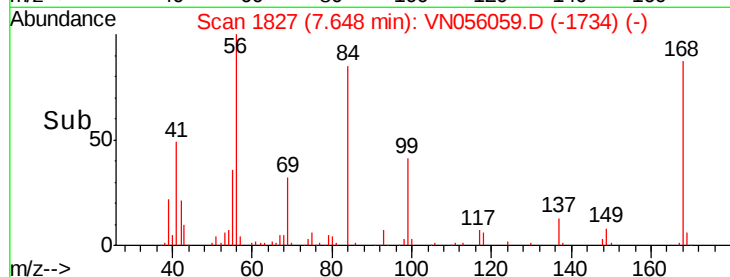
#31
Cyclohexane
Concen: 48.519 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 236232
Ion Ratio Lower Upper
56 100
69 32.4 25.6 38.4
84 85.6 67.4 101.0

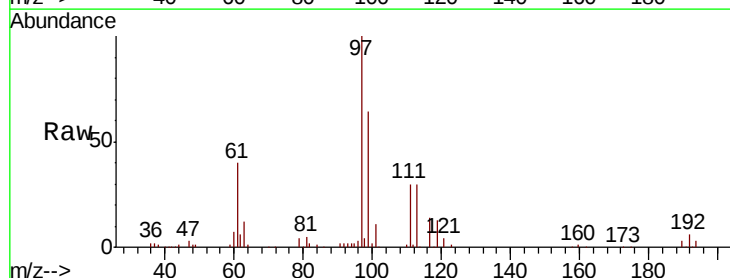


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

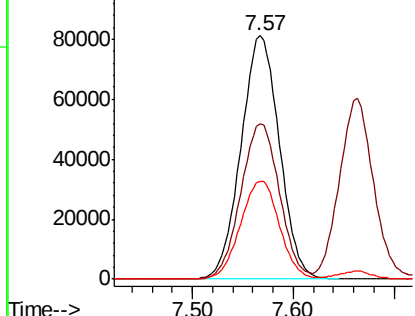
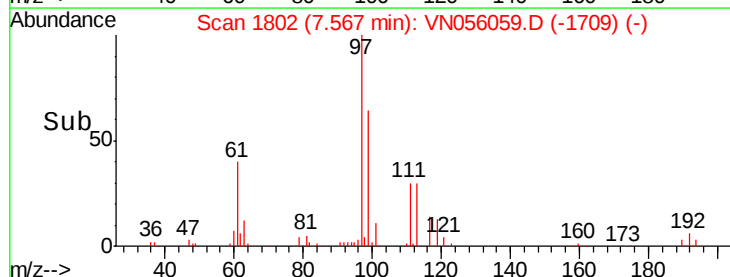


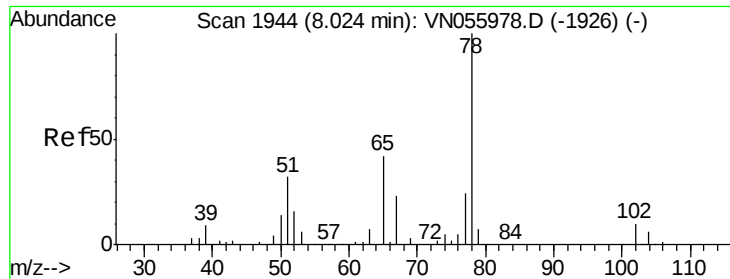
#32
1,1,1-Trichloroethane
Concen: 52.343 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 97 Resp: 214778
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 40.8 32.9 49.3



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

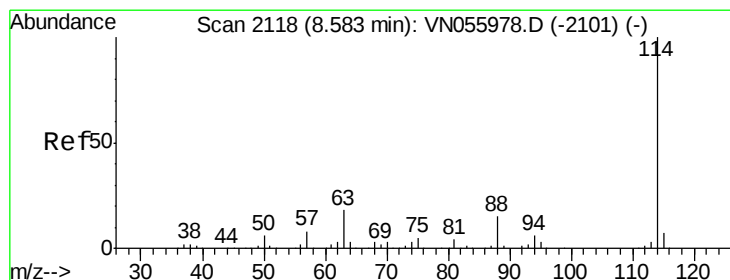
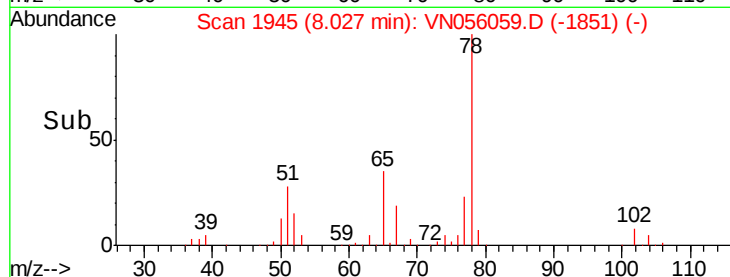
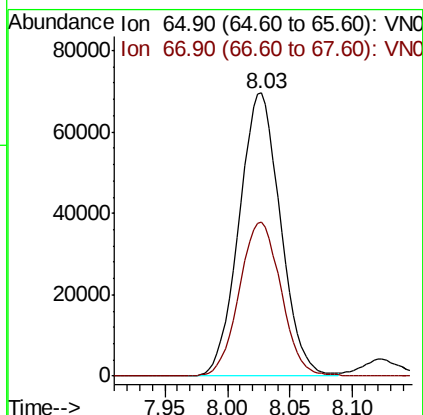
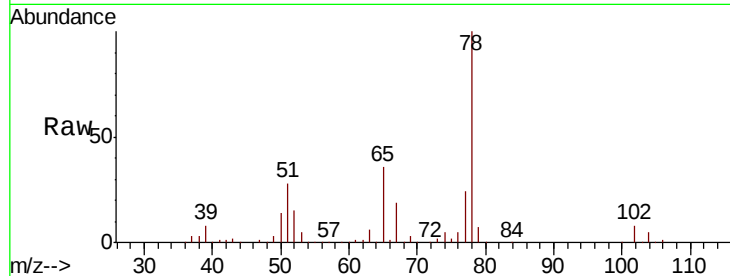




#33
 1,2-Dichloroethane-d4
 Concen: 52.049 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

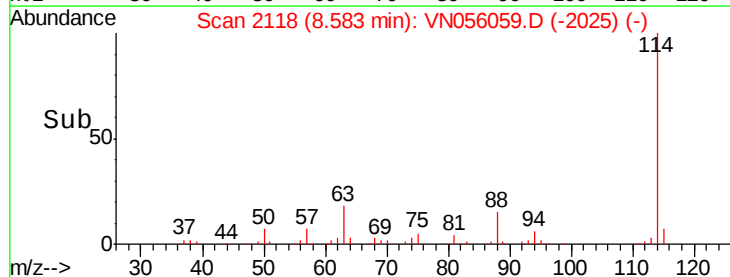
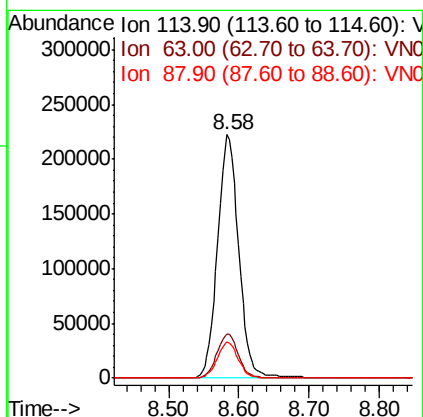
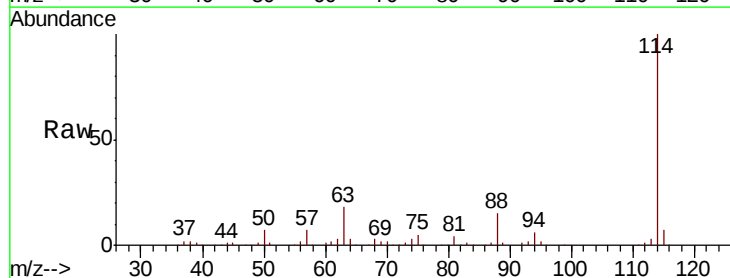
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

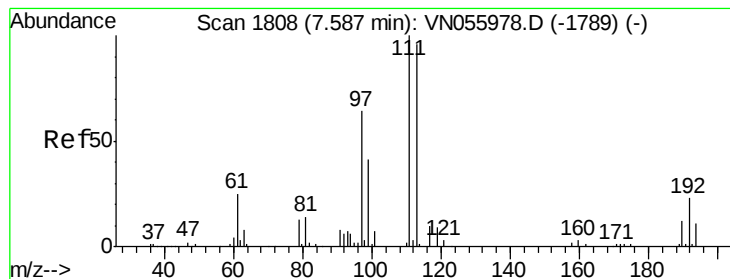
Tot Ion: 65 Resp: 159704
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Tgt Ion: 114 Resp: 466494
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.2
 88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.442 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

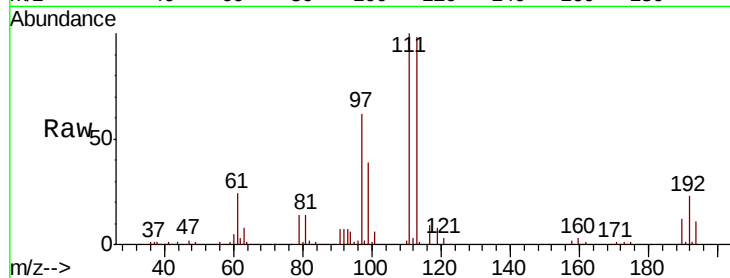
Tot Ion:113 Resp: 144369

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

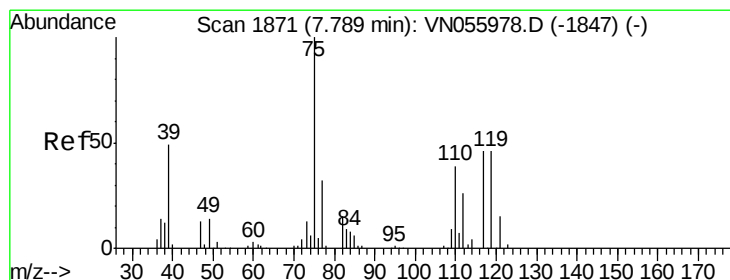
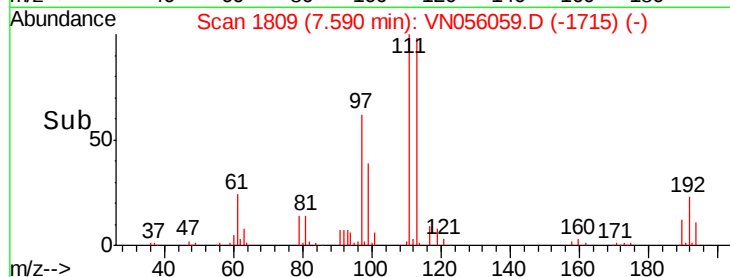
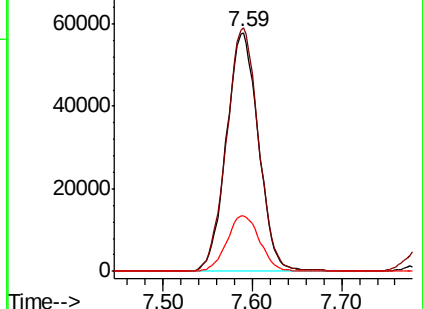
192 23.9 19.5 29.3



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: 48.363 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

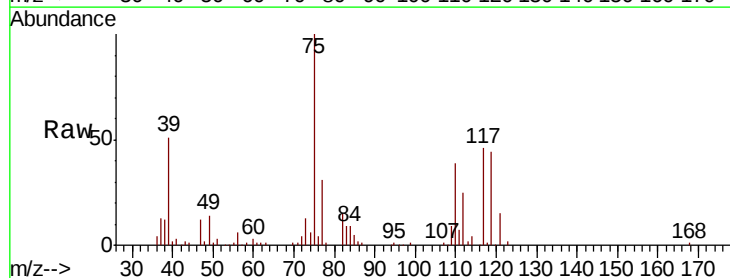
Tgt Ion: 75 Resp: 193995

Ion Ratio Lower Upper

75 100

110 38.3 19.0 57.0

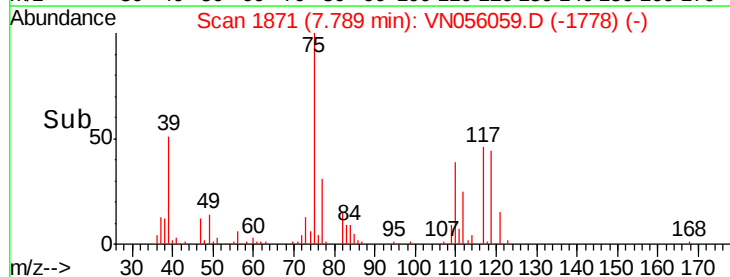
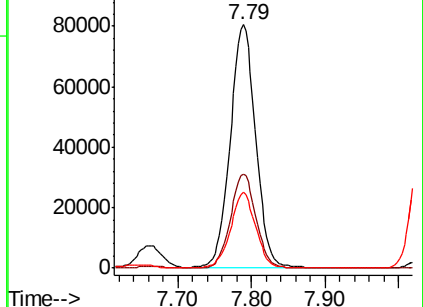
77 30.5 25.1 37.7

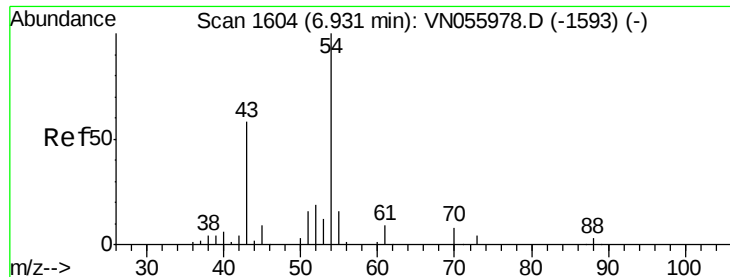


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

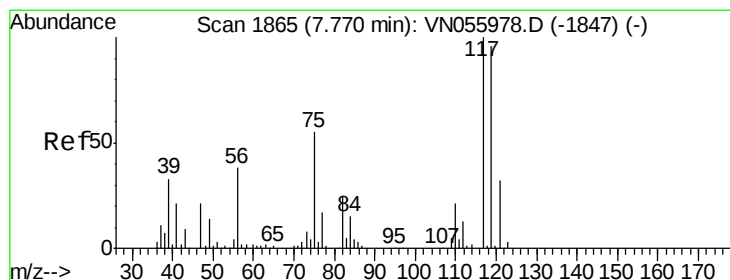
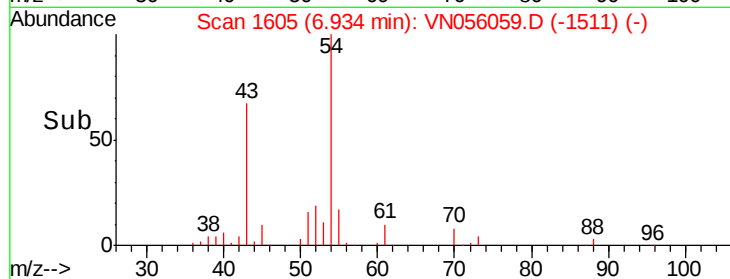
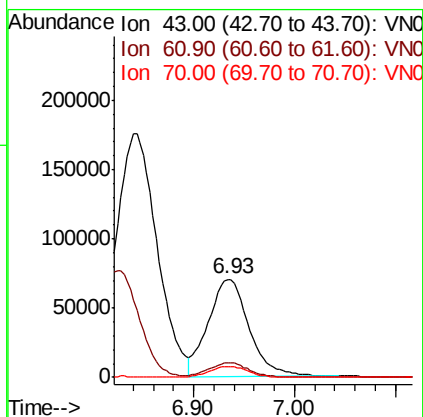
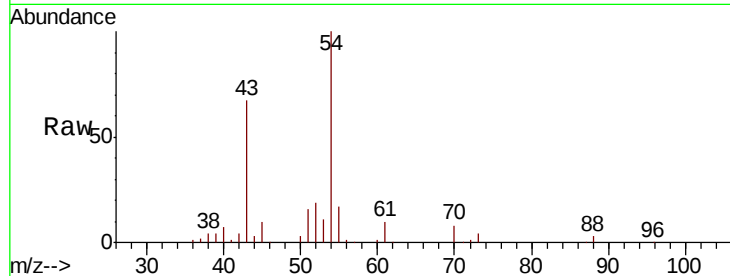




#37
Ethyl Acetate
Concen: 55.591 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

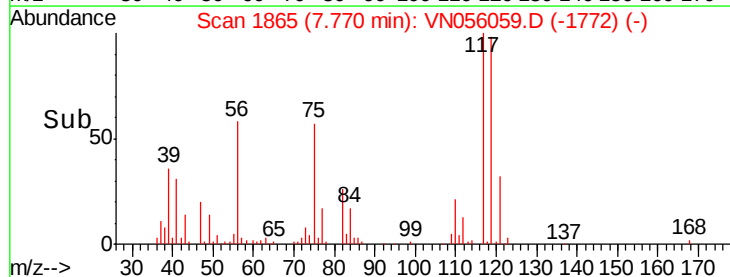
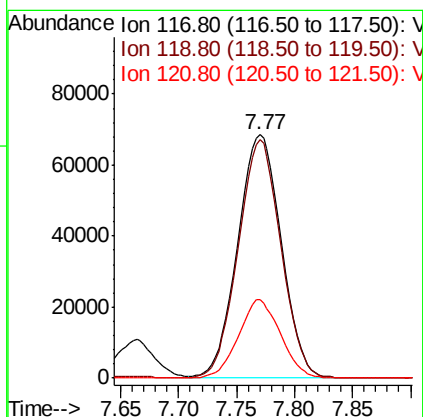
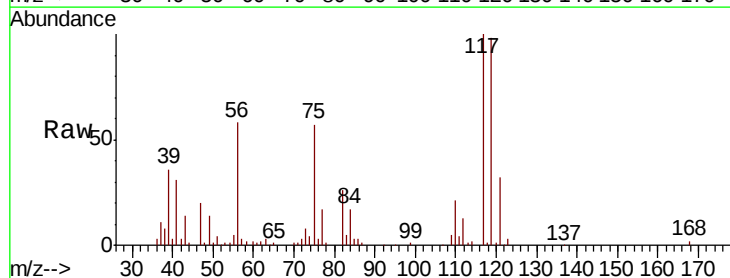
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

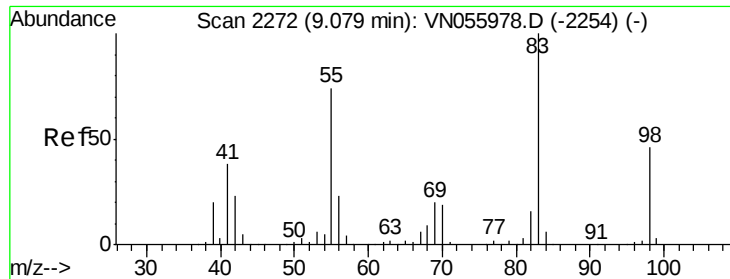
Tot Ion: 43 Resp: 198404
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.136 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 117 Resp: 178013
Ion Ratio Lower Upper
117 100
119 98.5 79.0 118.6
121 32.4 24.7 37.1

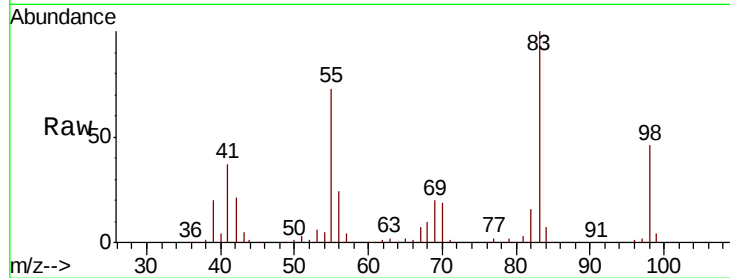




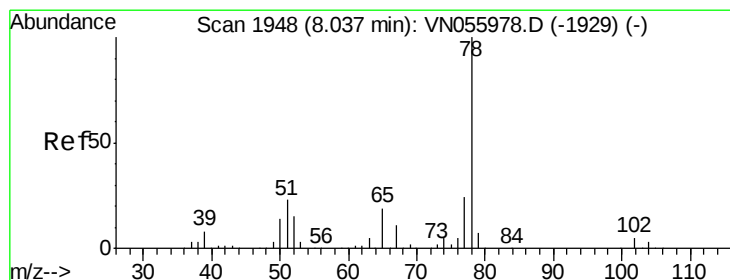
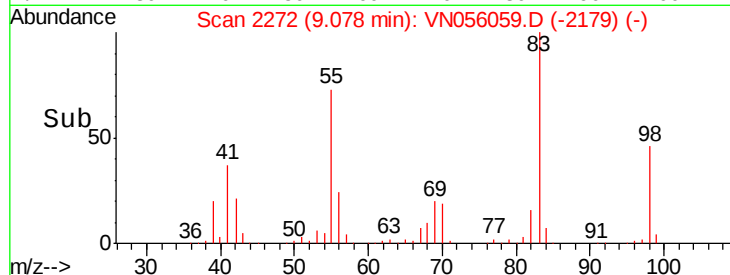
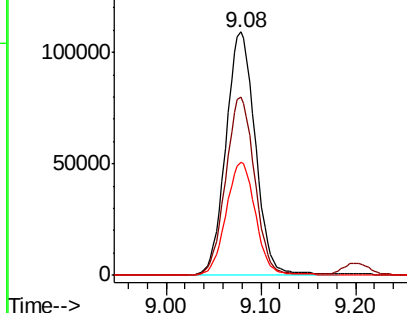
#39
Methvlcvclohexane
Concen: 47.486 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 237280
Ion Ratio Lower Upper
83 100
55 73.2 59.3 88.9
98 46.2 36.6 54.8

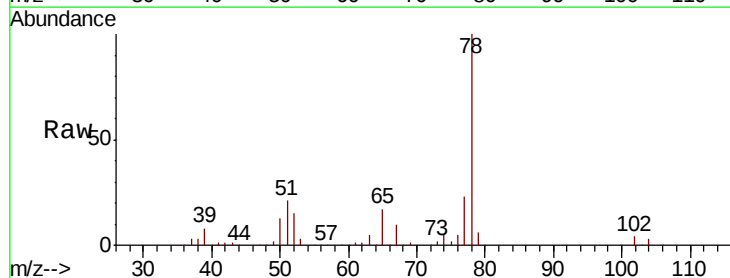


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

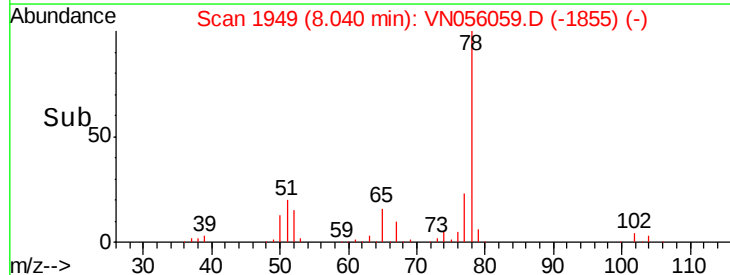
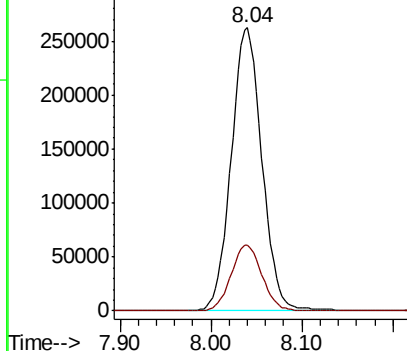


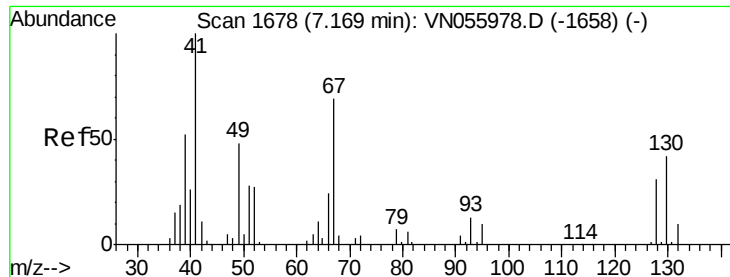
#40
Benzene
Concen: 50.415 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 78 Resp: 614198
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

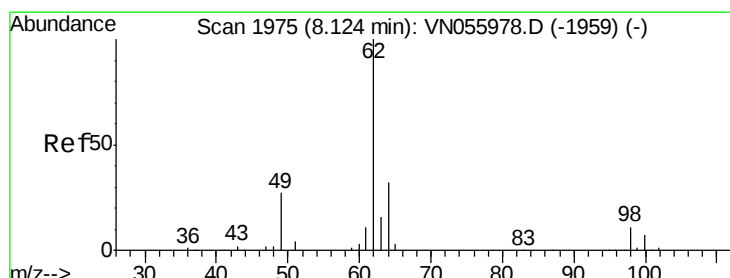
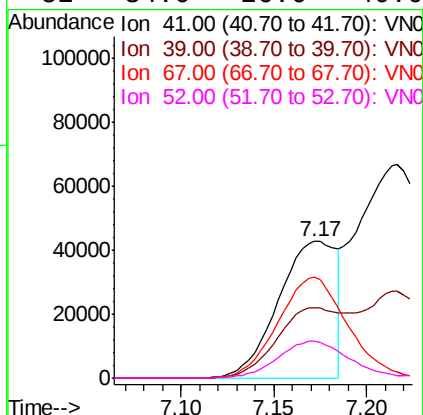
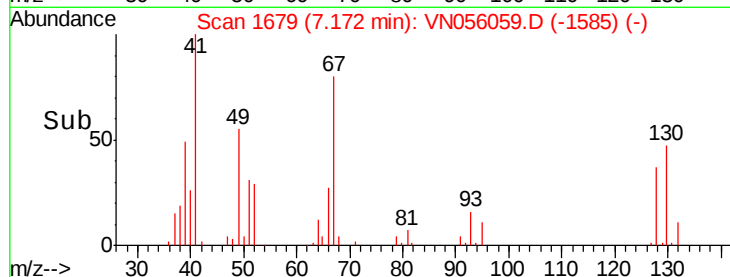
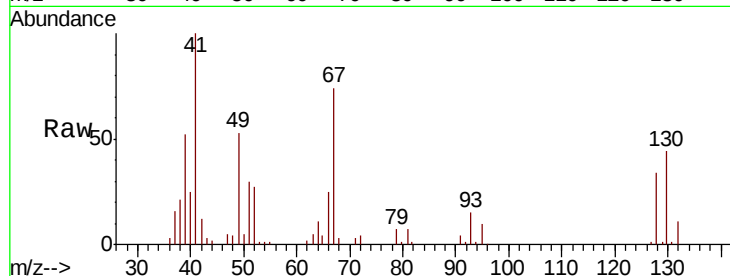




#41
Methacrylonitrile
Concen: 56.973 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

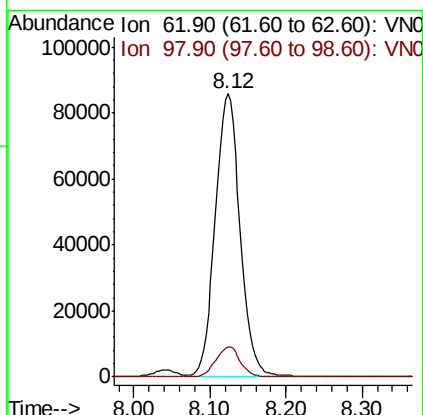
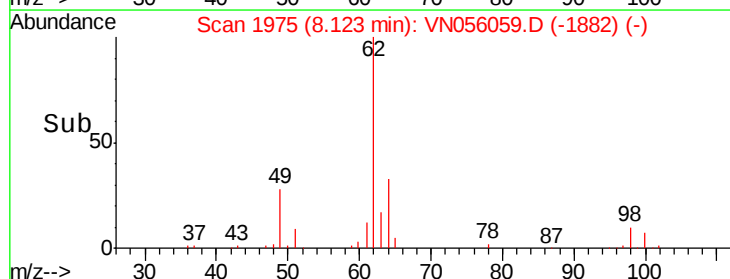
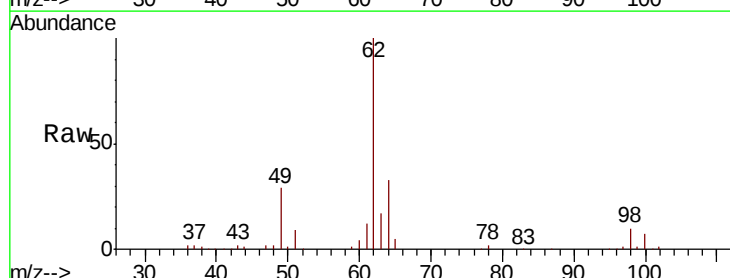
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

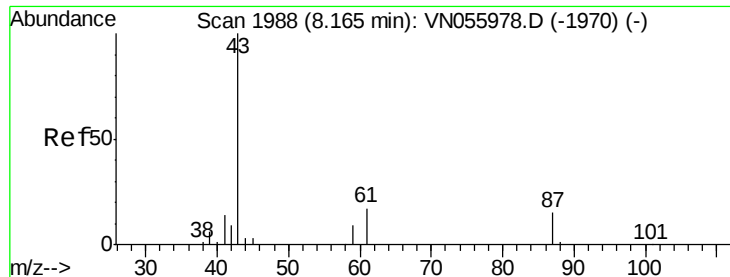
Tot Ion: 41 Resp: 93554
Ion Ratio Lower Upper
41 100
39 60.4 45.6 68.4
67 88.9 67.7 101.5
52 34.0 26.6 40.0



#42
1,2-Dichloroethane
Concen: 49.783 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 62 Resp: 195091
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 52.880 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

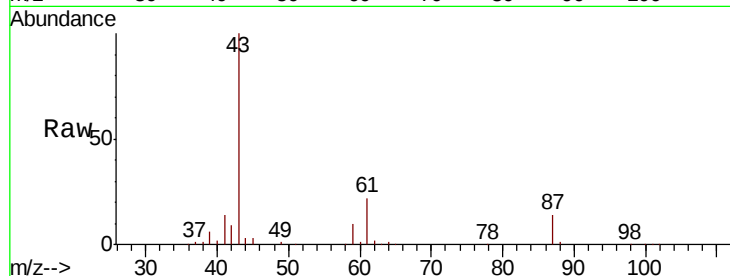
Tot Ion: 43 Resp: 305826

Ion Ratio Lower Upper

43 100

61 21.3 22.2 33.4#

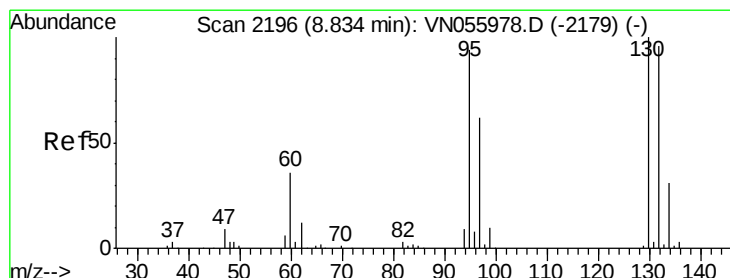
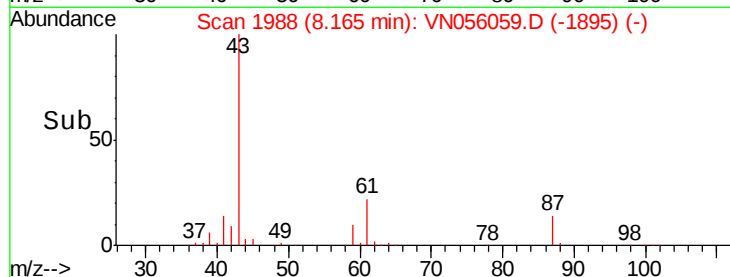
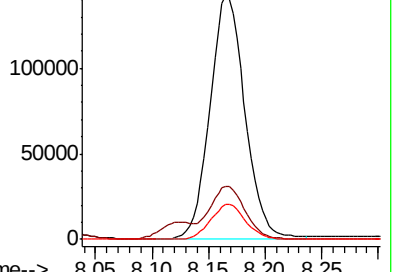
87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 47.803 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056059.D

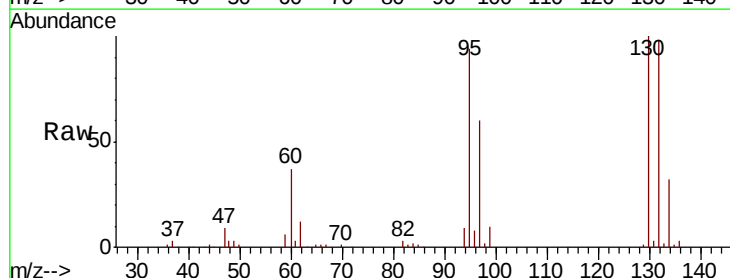
Acq: 6 Jun 2019 21:12

Tgt Ion: 130 Resp: 167347

Ion Ratio Lower Upper

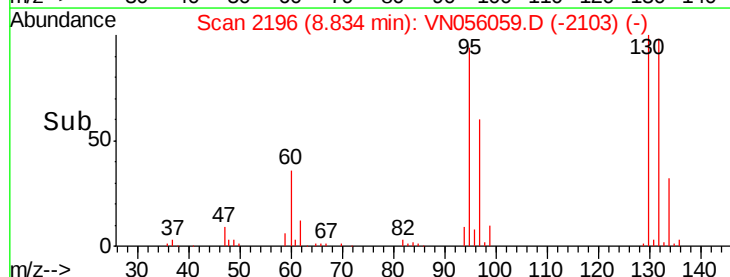
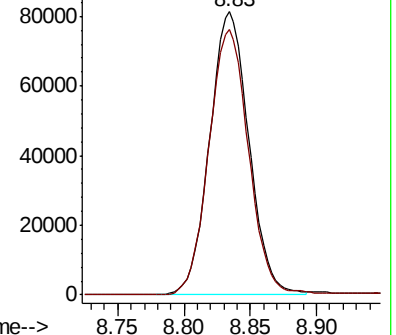
130 100

95 93.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

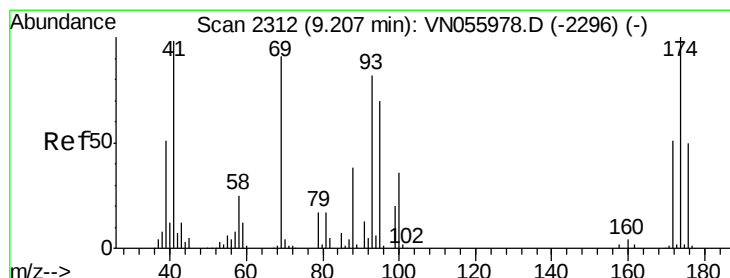
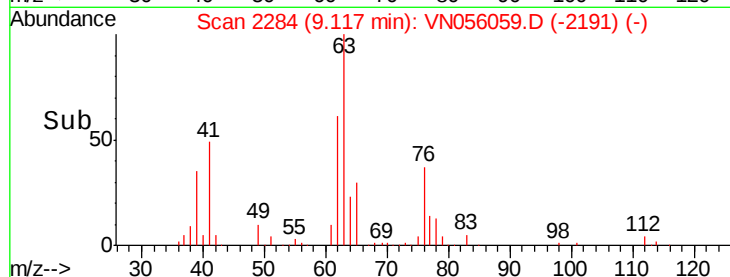
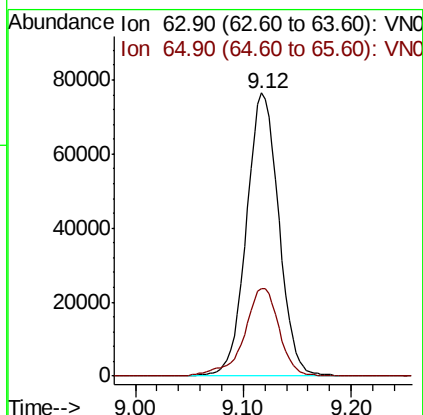
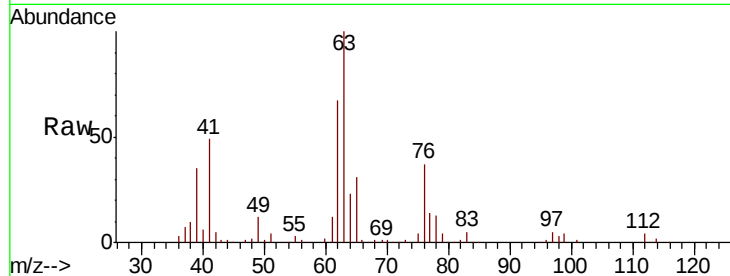




#45
 1,2-Dichloropropane
 Concen: 51.102 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

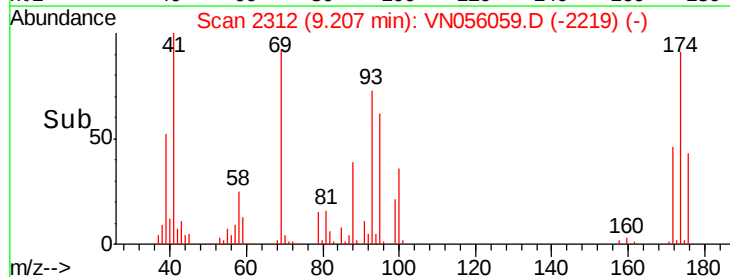
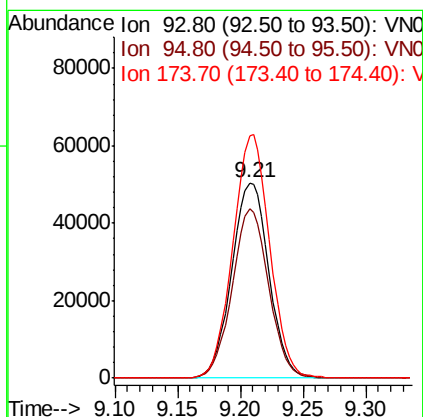
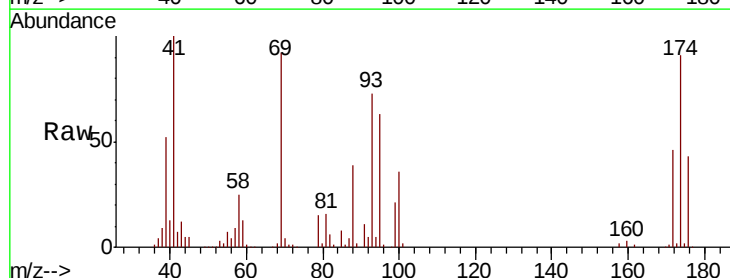
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

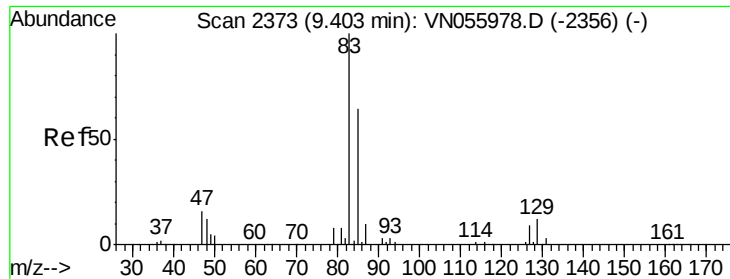
Tot Ion: 63 Resp: 159468
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 51.006 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Tgt Ion: 93 Resp: 104083
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.7 100.1
 174 123.4 96.4 144.6





#47

Bromodichloromethane

Concen: 50.797 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

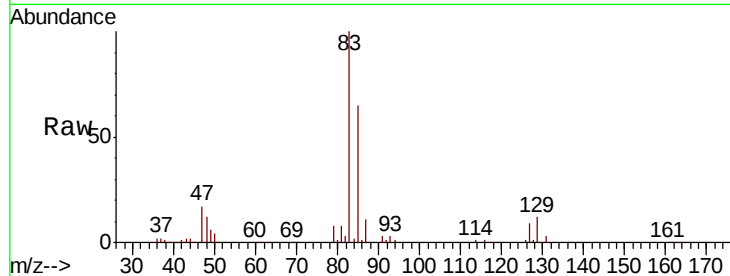
Tot Ion: 83 Resp: 187869

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.2

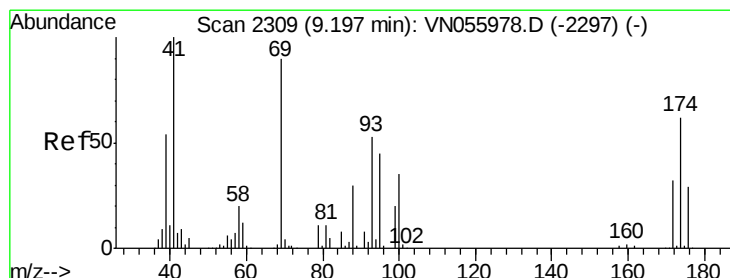
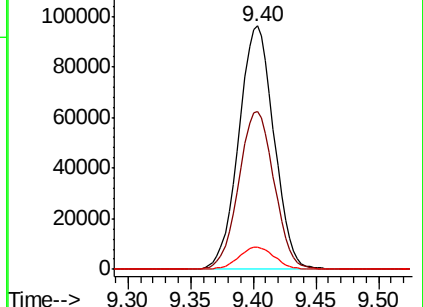
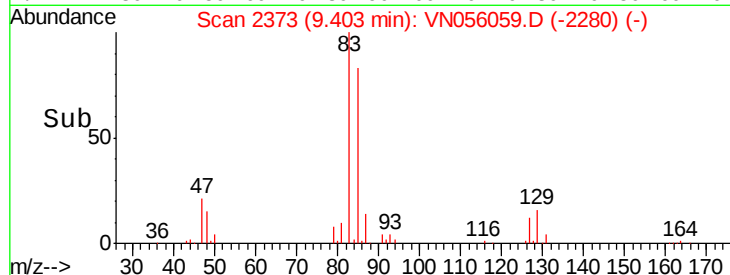
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056059.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056059.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056059.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.483 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

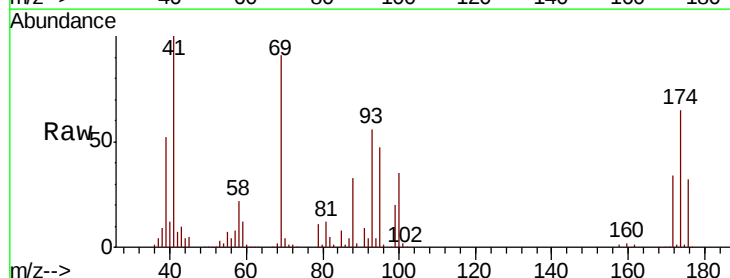
Tgt Ion: 41 Resp: 151326

Ion Ratio Lower Upper

41 100

69 91.5 71.0 106.6

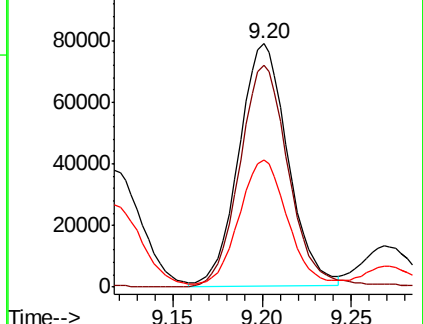
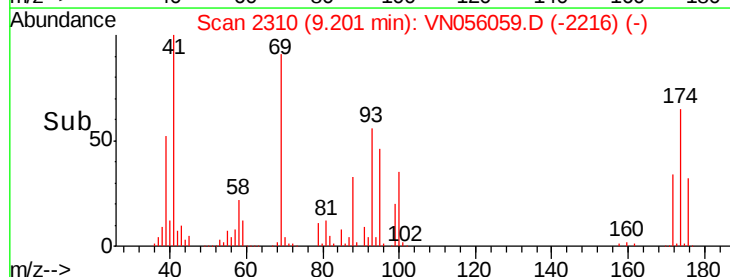
39 52.0 44.2 66.2

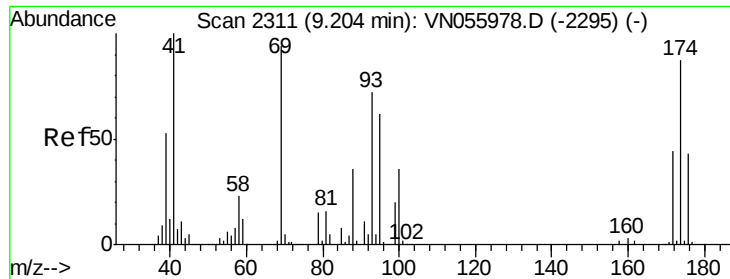


Abundance Ion 41.00 (40.70 to 41.70): VN056059.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056059.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056059.D (-2216) (-)

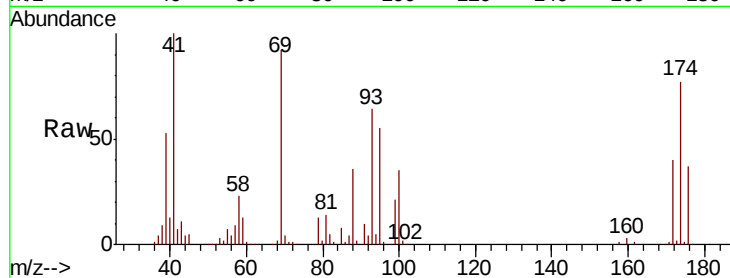




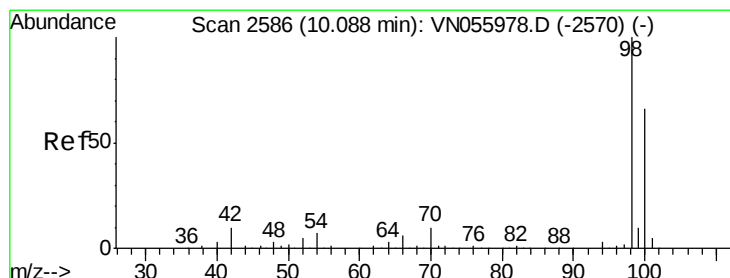
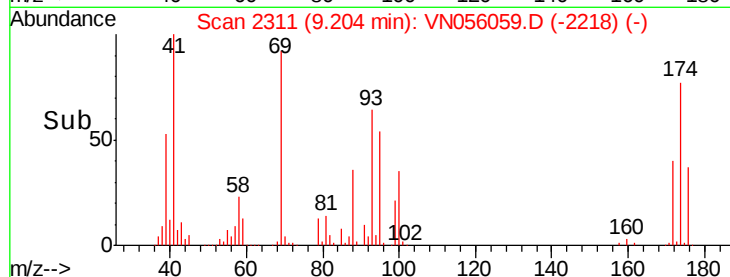
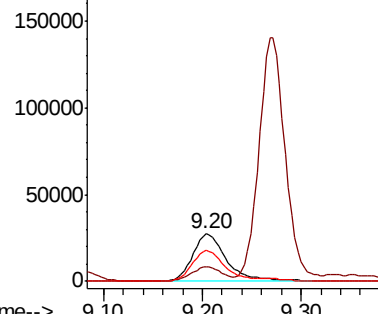
#49
1,4-Dioxane
Concen: 1080.923 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 66027
Ion Ratio Lower Upper
88 100
43 25.1 20.5 30.7
58 67.8 55.8 83.6

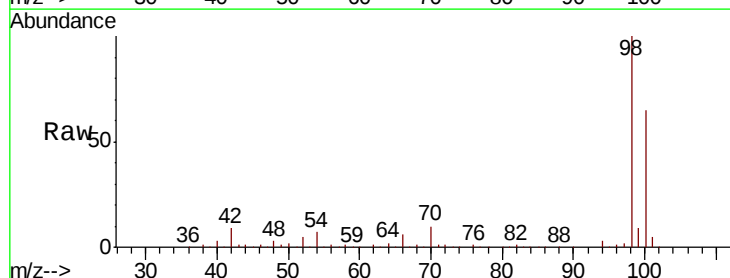


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

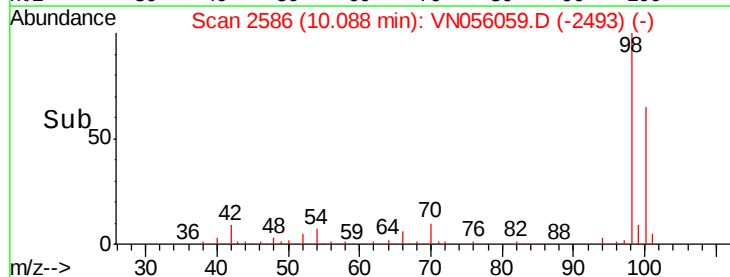
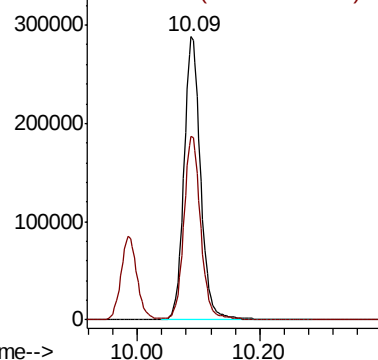


#50
Toluene-d8
Concen: 49.878 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 98 Resp: 549320
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



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: 272.481 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

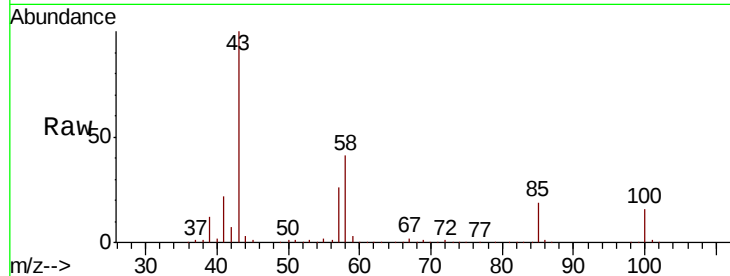
VSTDCCC050

Tot Ion: 43 Resp: 985476

Ion Ratio Lower Upper

43 100

58 40.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

600000

500000

400000

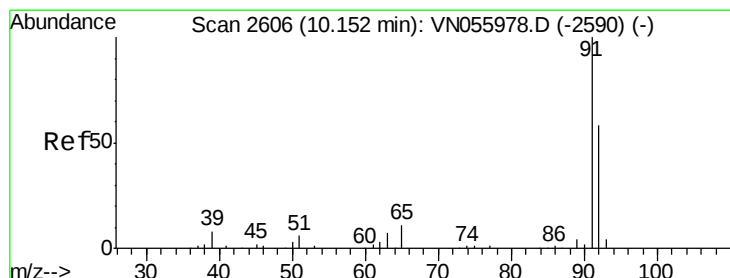
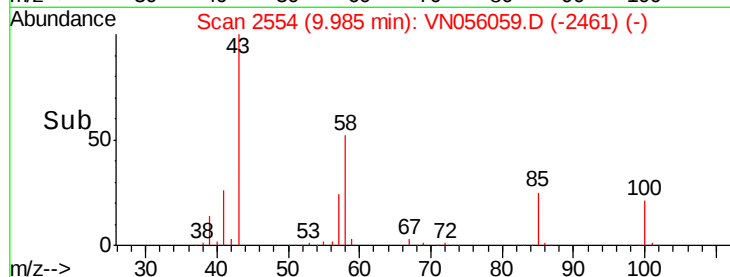
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.727 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056059.D

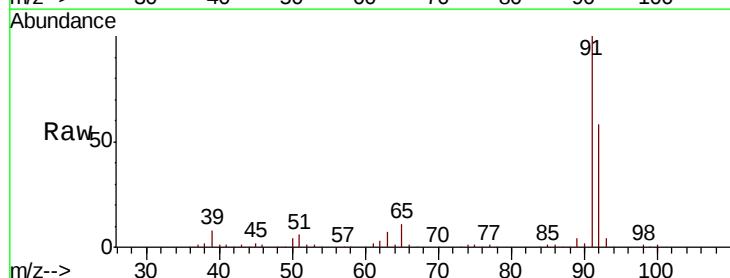
Acq: 6 Jun 2019 21:12

Tgt Ion: 92 Resp: 384562

Ion Ratio Lower Upper

92 100

91 174.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.16

400000

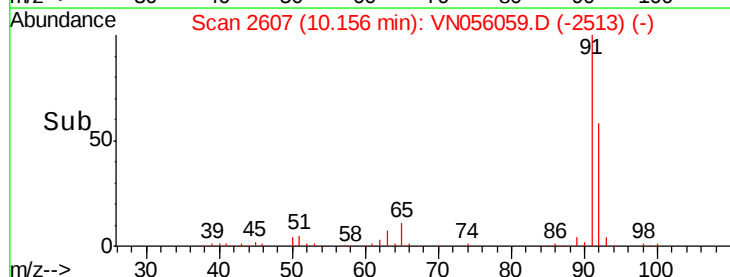
300000

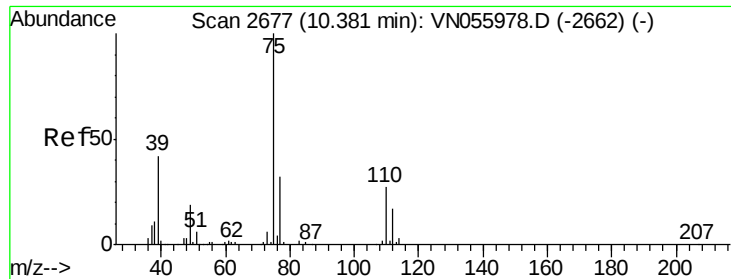
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.821 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

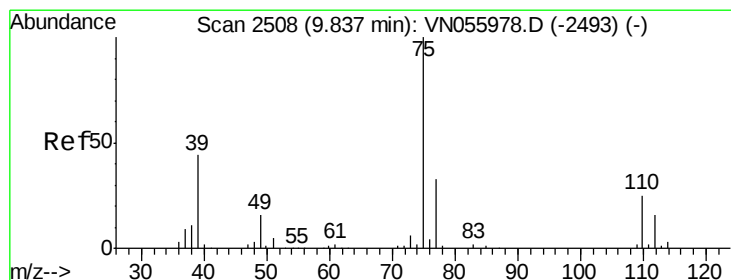
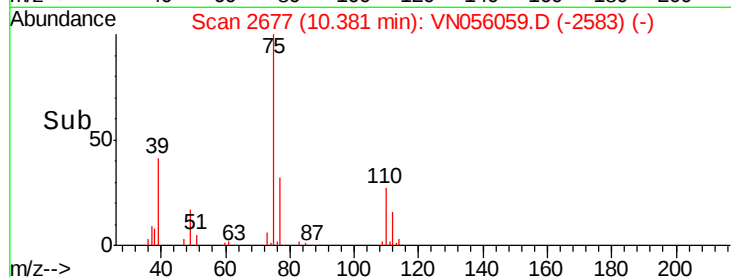
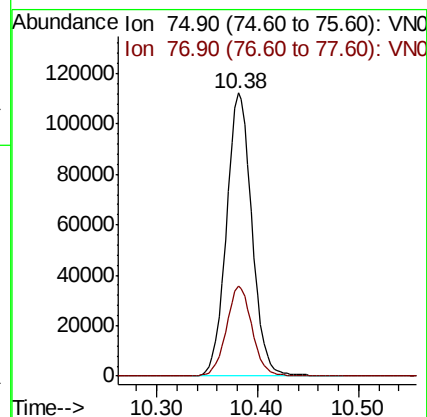
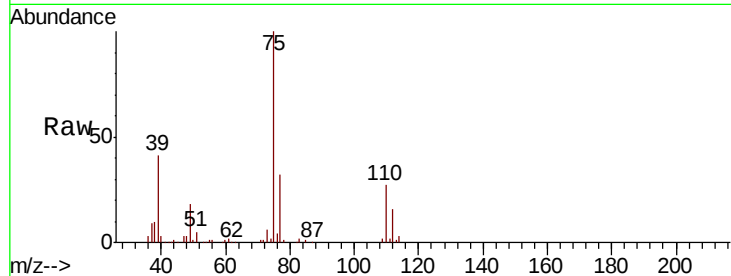
VSTDCCC050

Tot Ion: 75 Resp: 197774

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 51.173 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

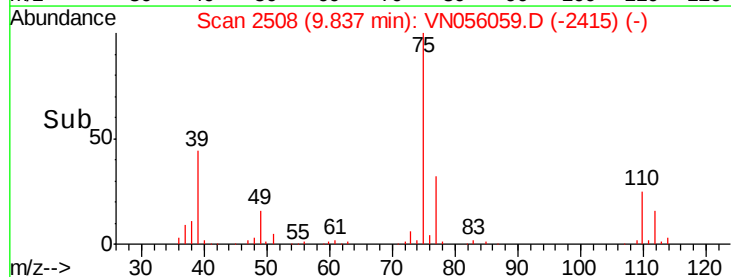
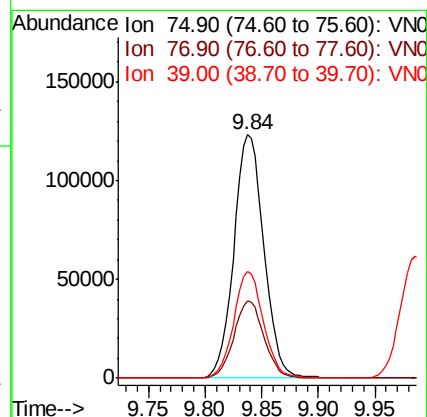
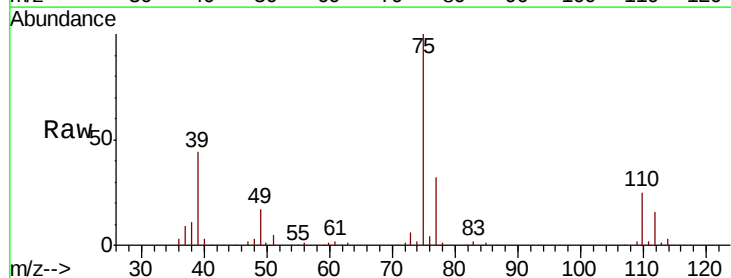
Tgt Ion: 75 Resp: 227492

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 43.6 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 52.055 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 156317

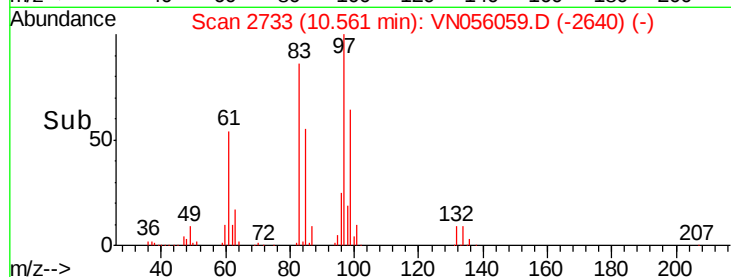
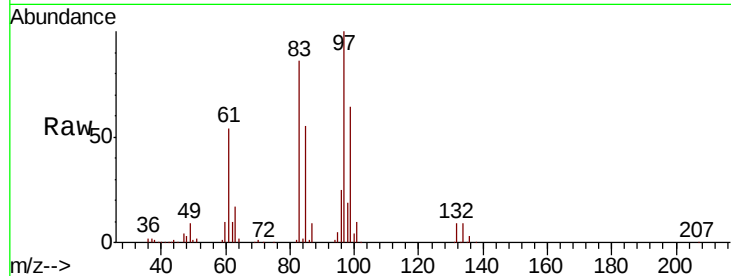
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.0	100.6
85	55.3	44.0	66.0
99	63.7	50.6	75.8

97 100

83 85.7 67.0 100.6

85 55.3 44.0 66.0

99 63.7 50.6 75.8

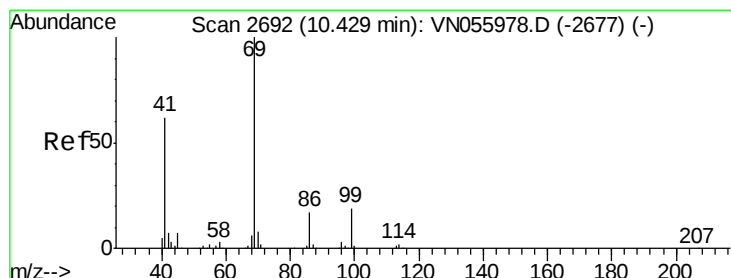
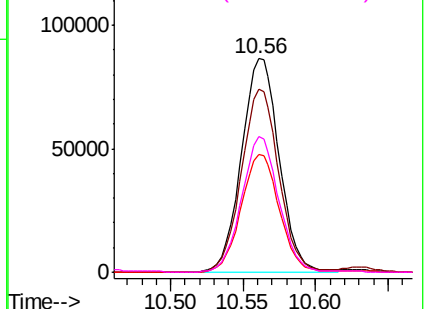


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 53.560 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

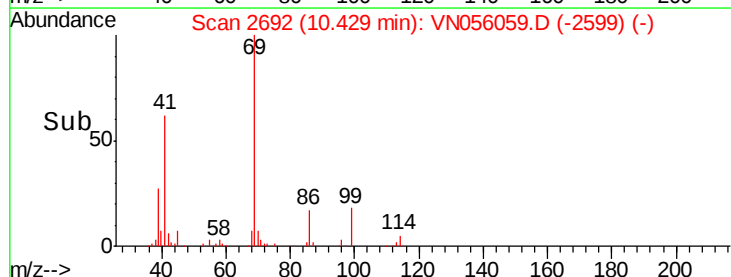
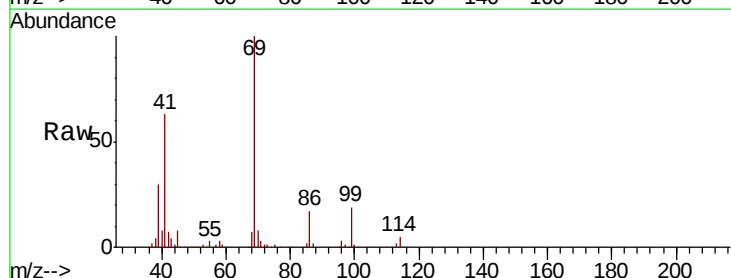
Tgt Ion: 69 Resp: 234642

Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.7	74.5
39	29.6	24.7	37.1

69 100

41 61.8 49.7 74.5

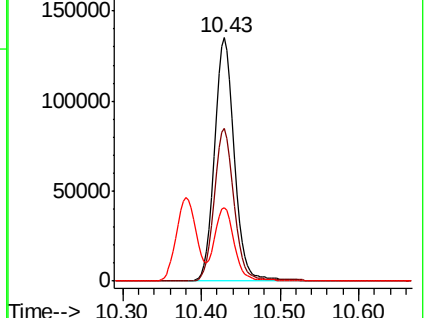
39 29.6 24.7 37.1

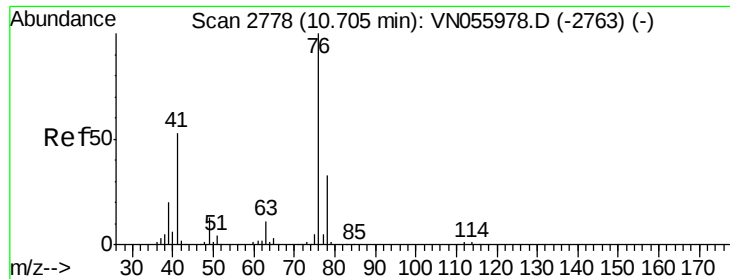


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

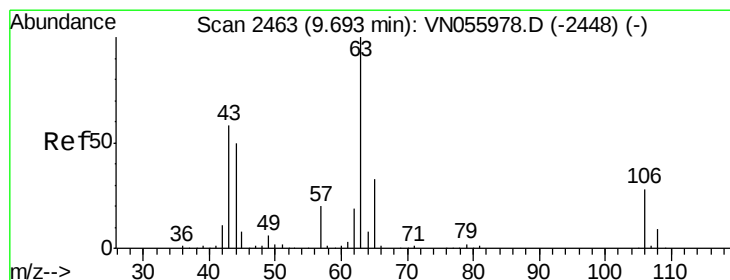
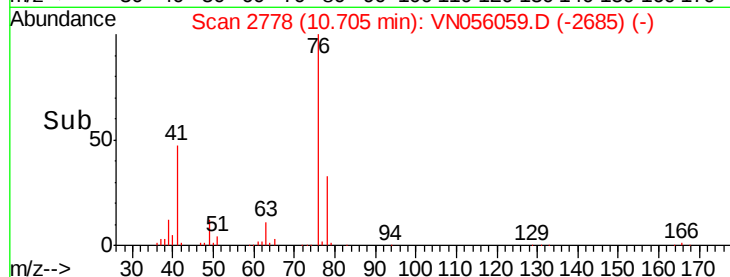
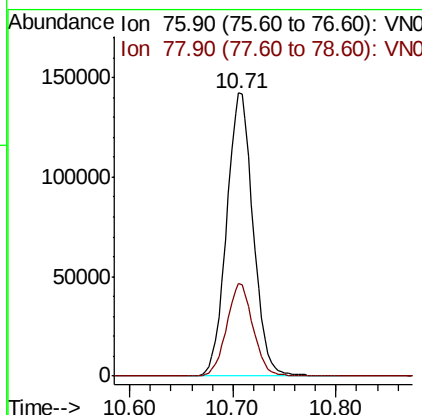
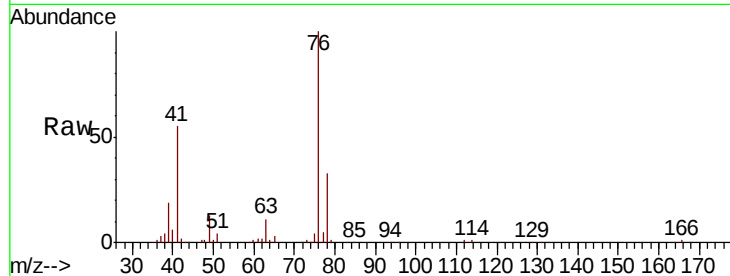




#57
 1,3-Dichloropropane
 Concen: 52.176 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

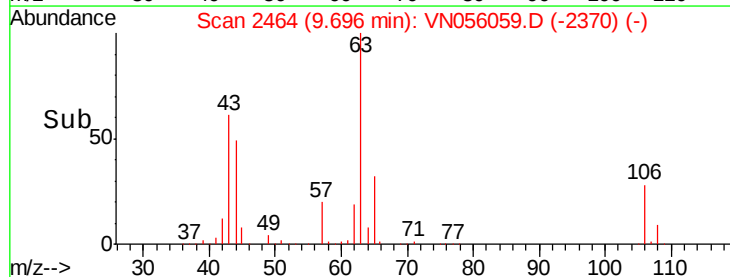
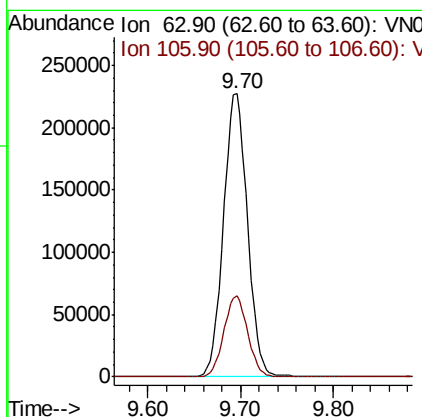
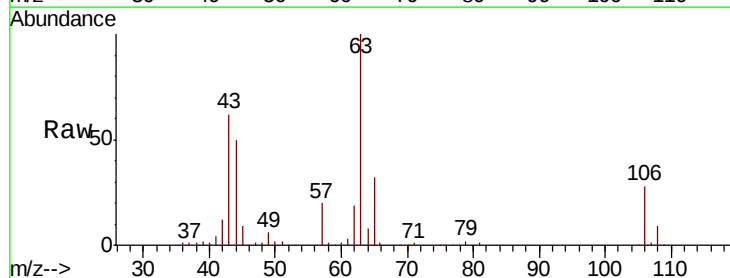
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

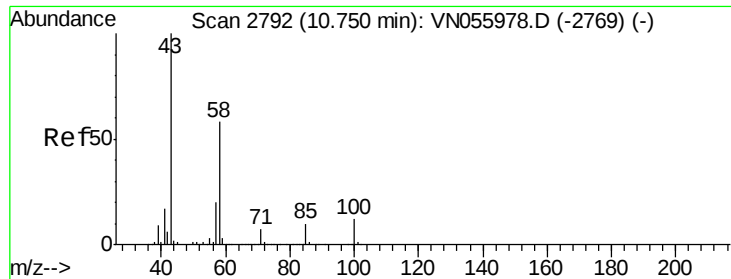
Tot Ion: 76 Resp: 254709
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.628 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Tgt Ion: 63 Resp: 407703
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1

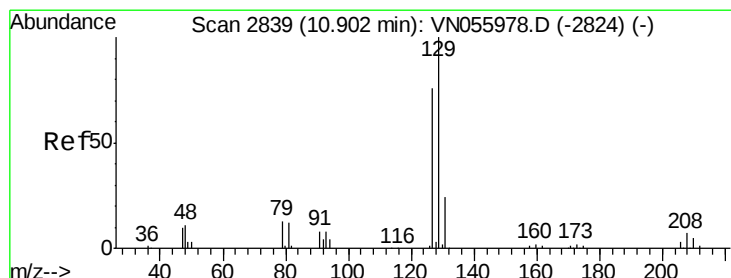
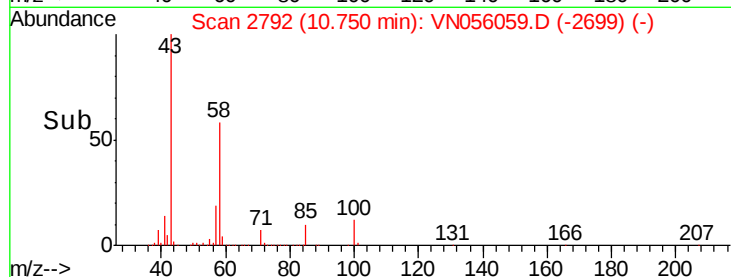
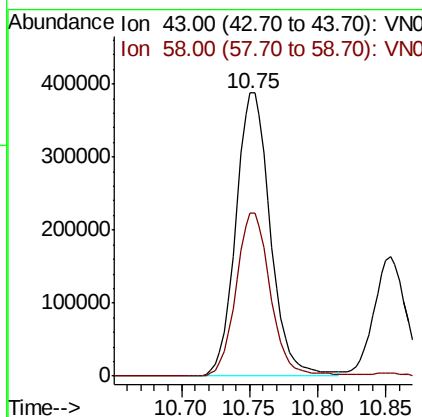
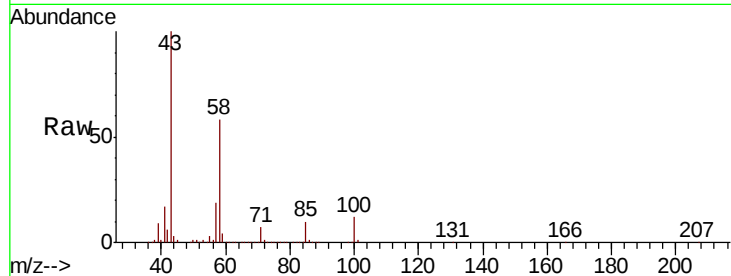




#59
2-Hexanone
Concen: 259.539 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

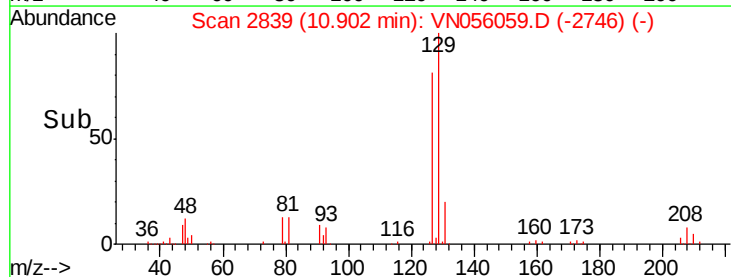
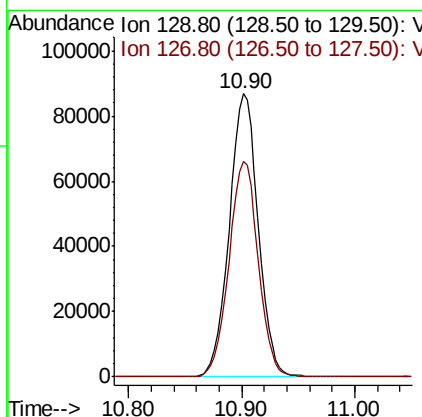
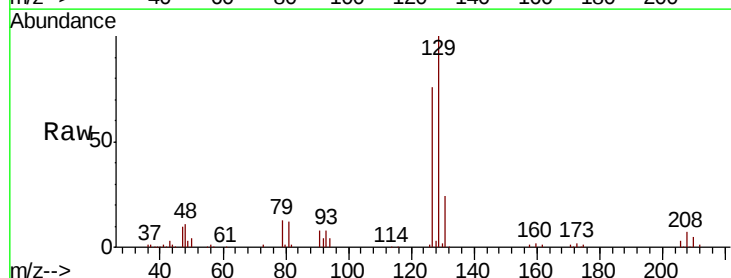
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 680326
Ion Ratio Lower Upper
43 100
58 57.5 28.2 84.7



#60
Dibromochloromethane
Concen: 46.739 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 129 Resp: 154240
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3

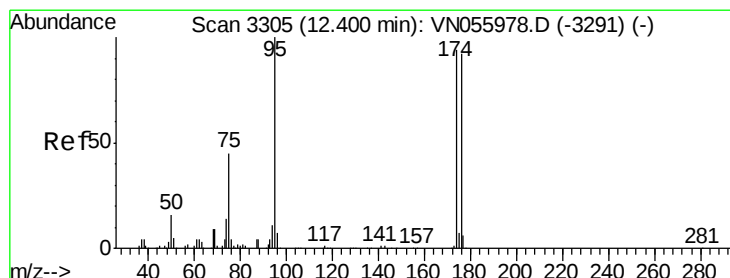
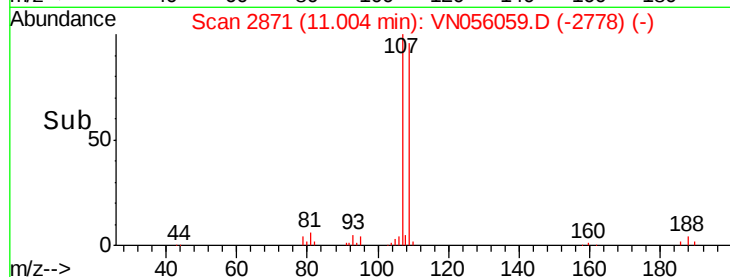
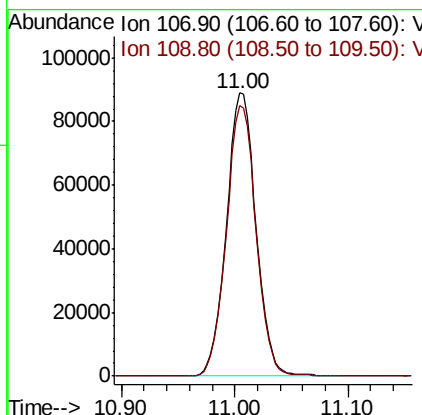
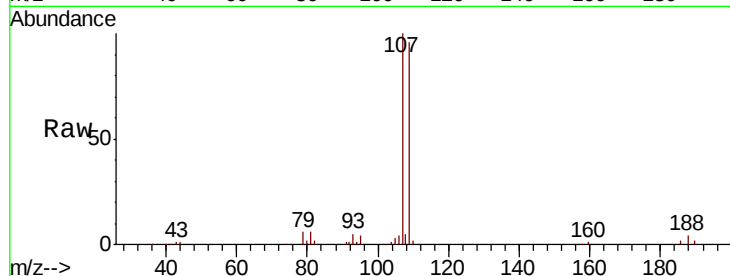




#61
 1,2-Dibromoethane
 Concen: 52.689 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

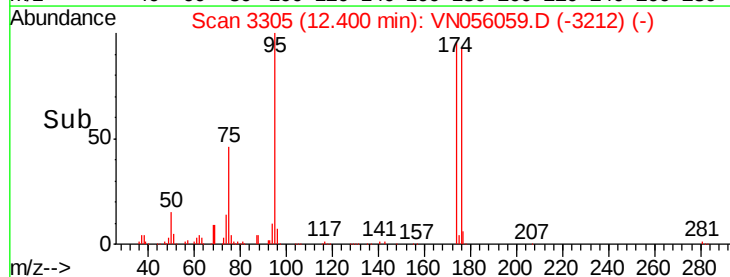
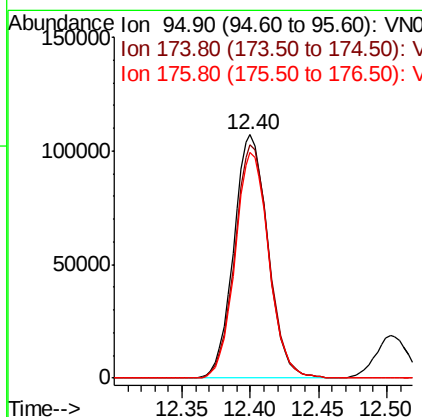
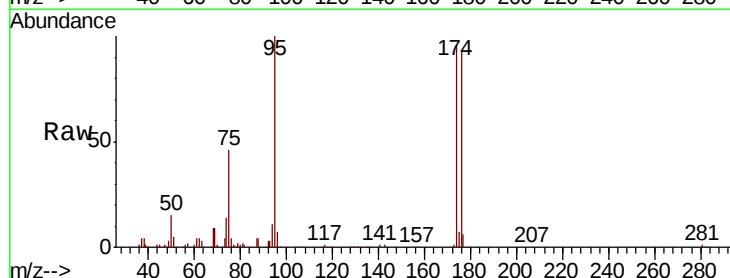
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

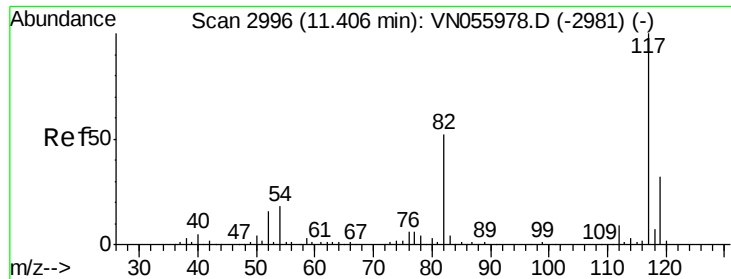
Tot Ion: 107 Resp: 161752
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.735 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Tgt Ion: 95 Resp: 186275
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 191.0
 176 91.6 0.0 185.2

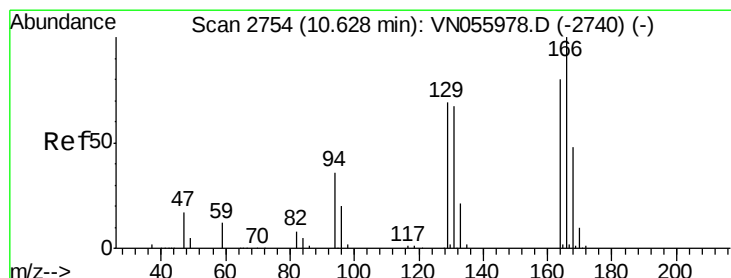
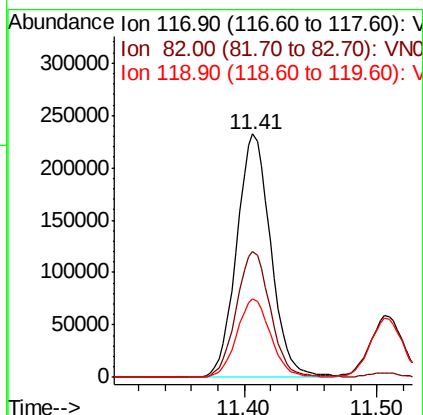
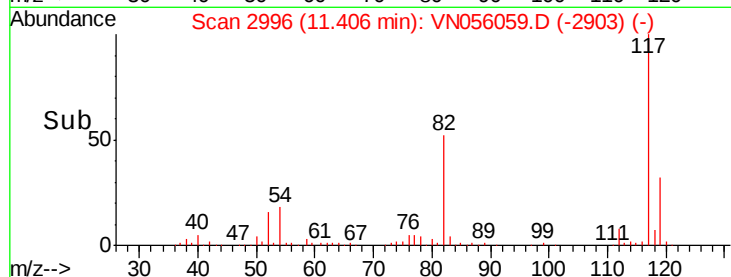
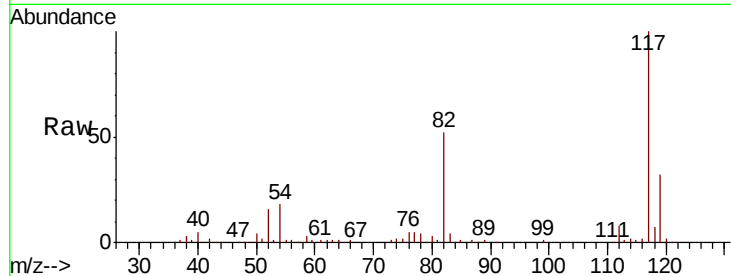




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

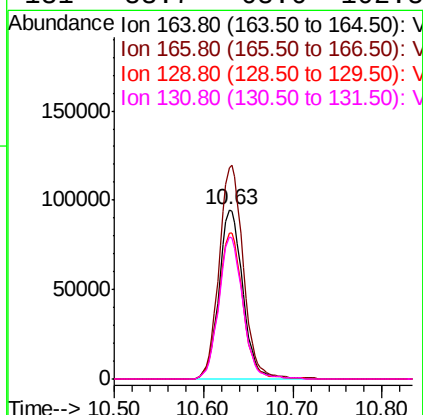
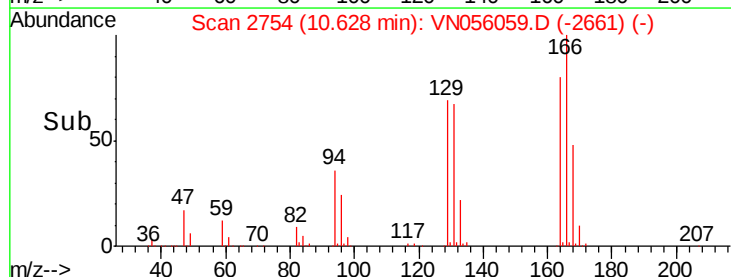
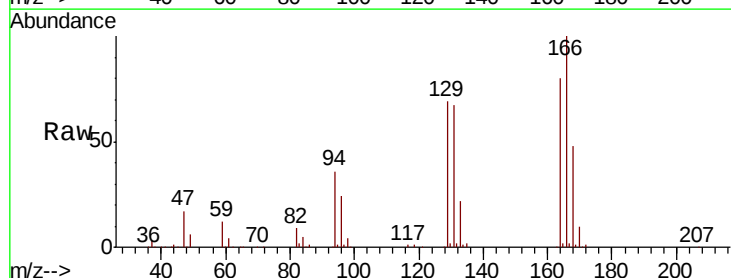
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 414439
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 48.960 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion:164 Resp: 175640
Ion Ratio Lower Upper
164 100
166 124.7 103.0 154.6
129 85.9 70.6 105.8
131 83.7 68.6 102.8

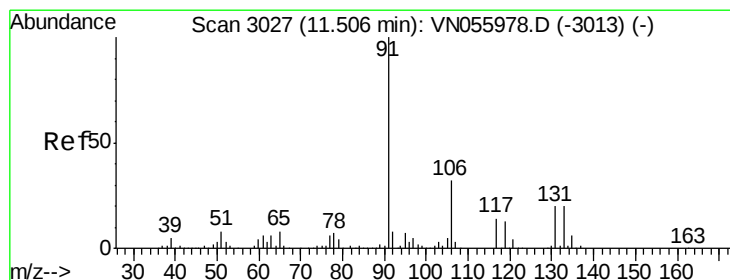
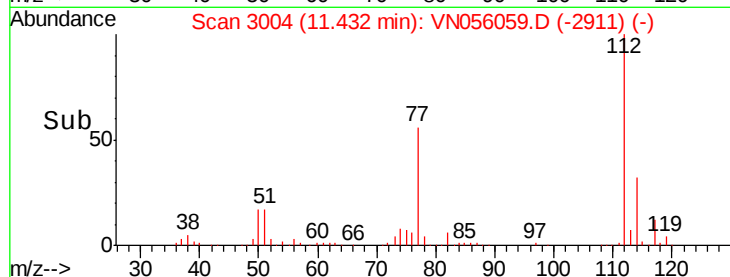
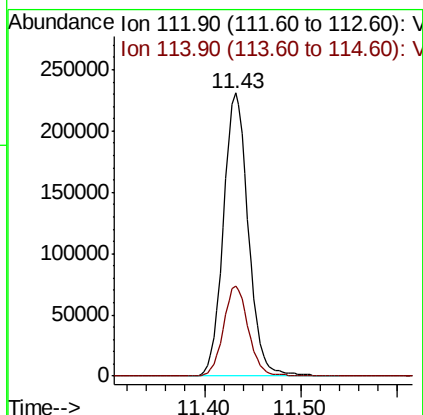
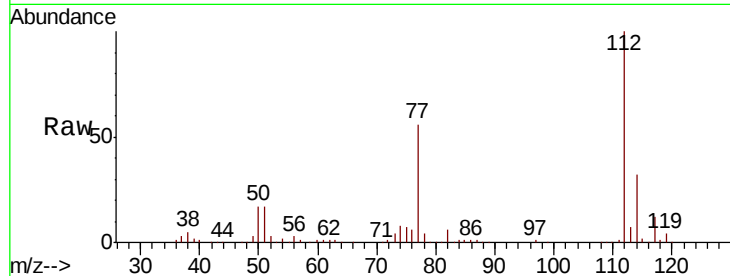




#65
Chlorobenzene
Concen: 50.148 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

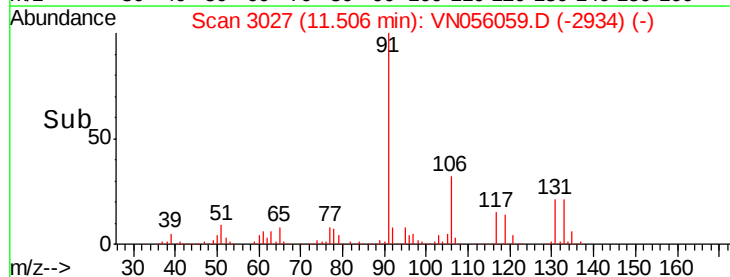
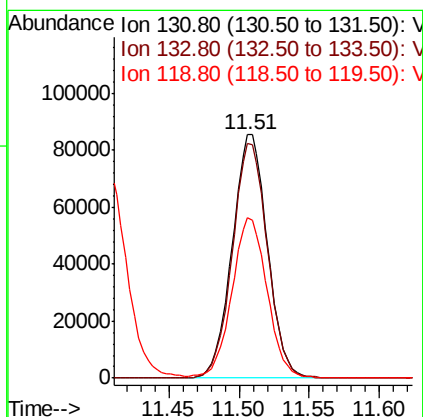
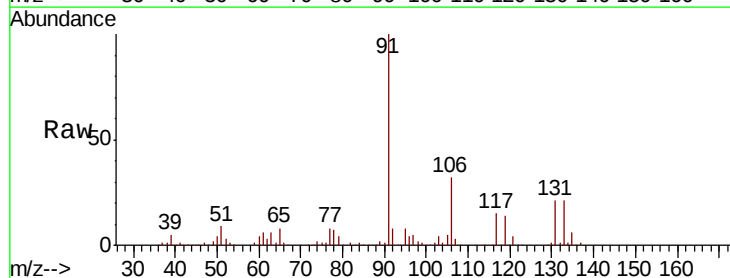
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

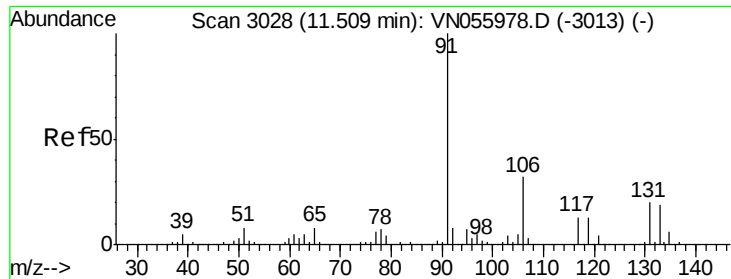
Tot Ion:112 Resp: 413628
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.371 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion:131 Resp: 149152
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 66.0 33.1 99.5

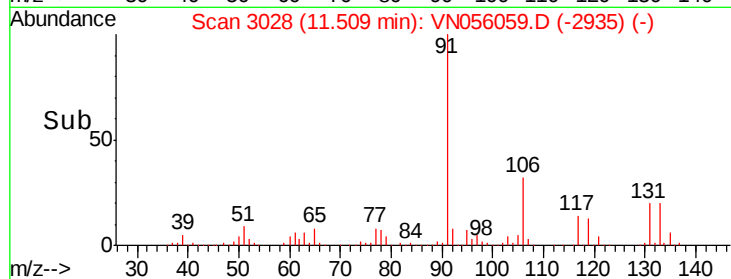
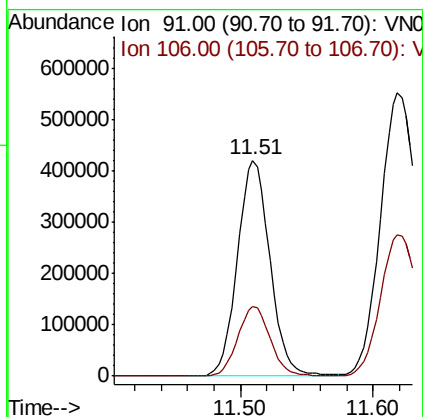
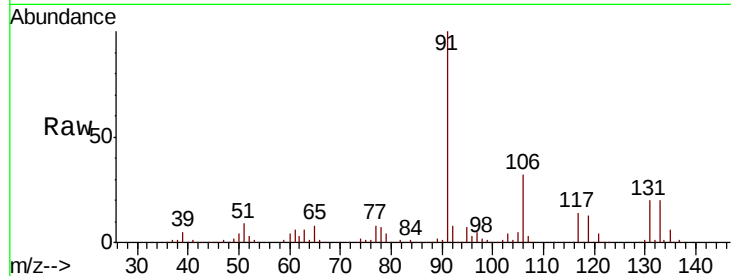




#67
Ethyl Benzene
Concen: 49.993 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

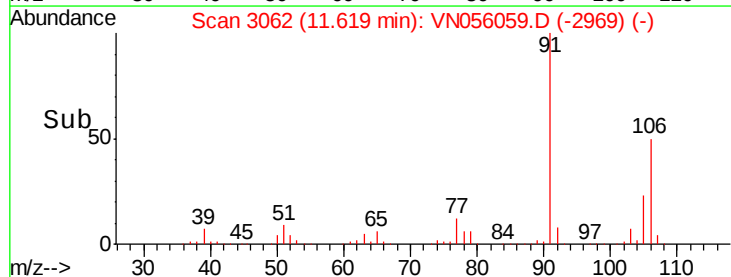
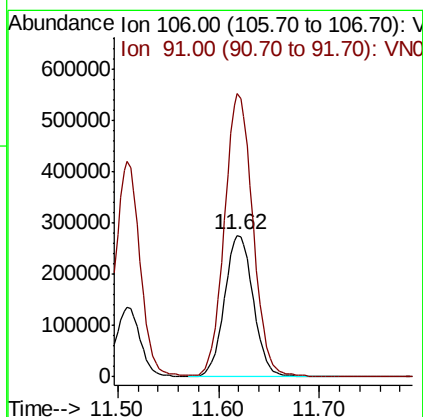
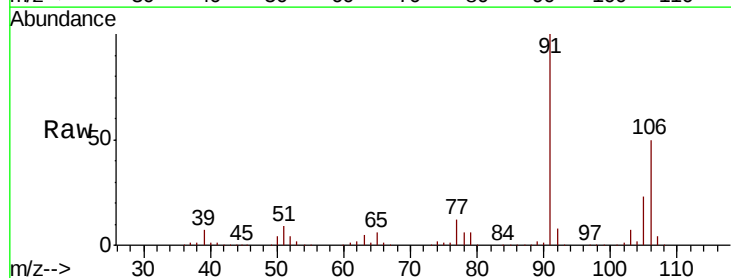
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

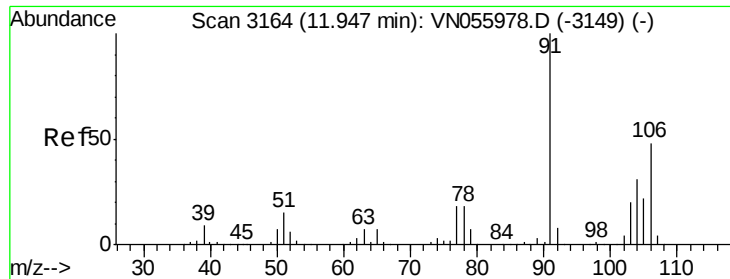
Tot Ion: 91 Resp: 717008
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 100.365 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 106 Resp: 549888
Ion Ratio Lower Upper
106 100
91 197.9 159.3 238.9

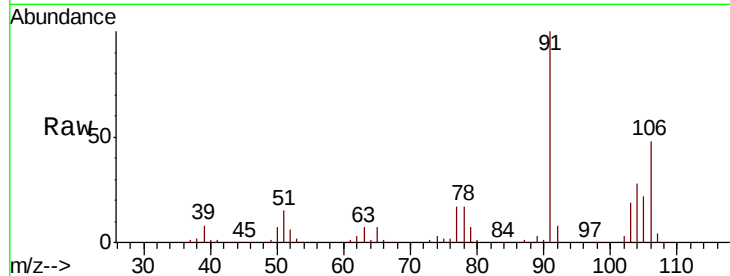




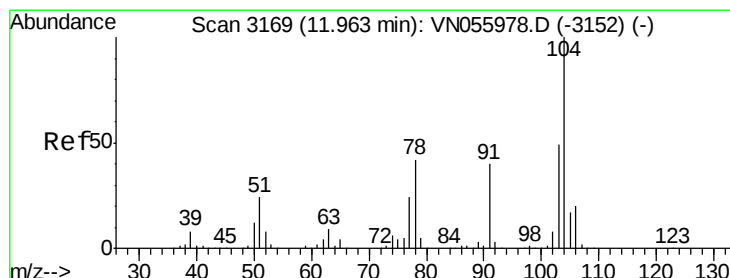
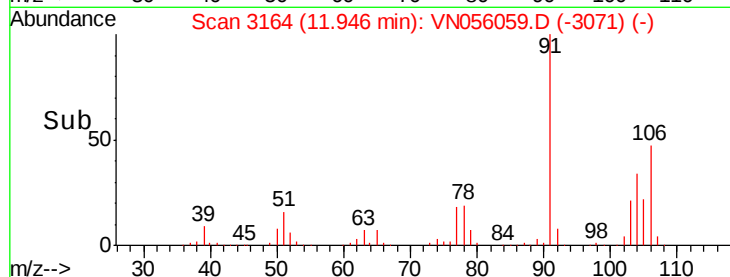
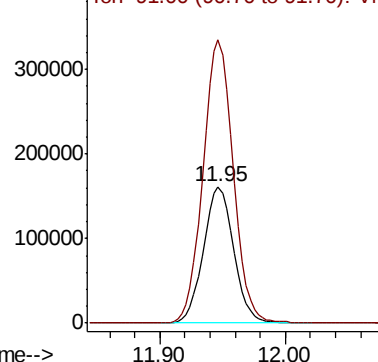
#69
o-Xylene
Concen: 50.120 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 270116
Ion Ratio Lower Upper
106 100
91 207.2 104.7 314.1

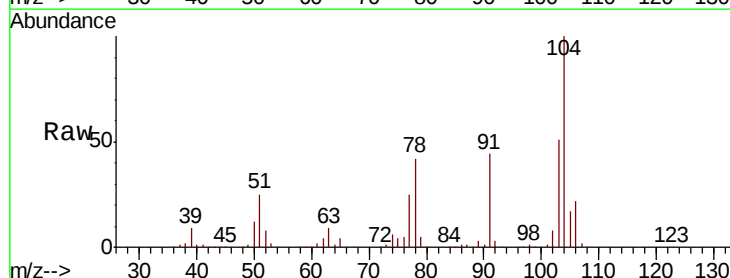


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

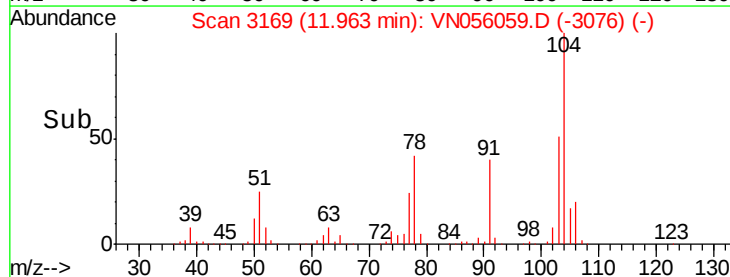
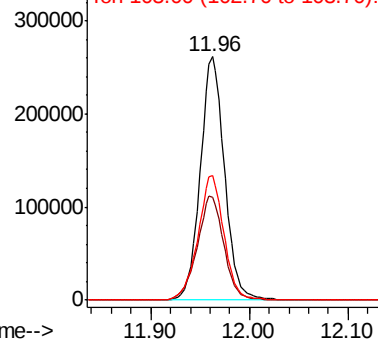


#70
Styrene
Concen: 52.555 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion:104 Resp: 450029
Ion Ratio Lower Upper
104 100
78 46.7 37.8 56.6
103 54.8 44.2 66.2



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

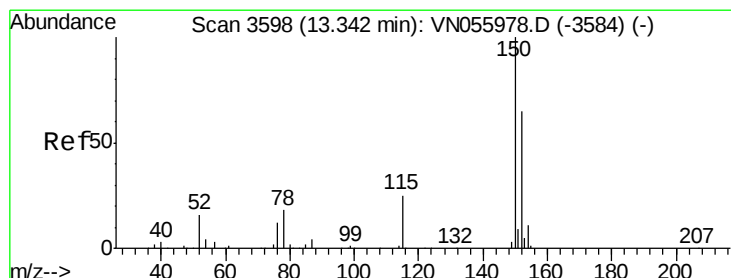
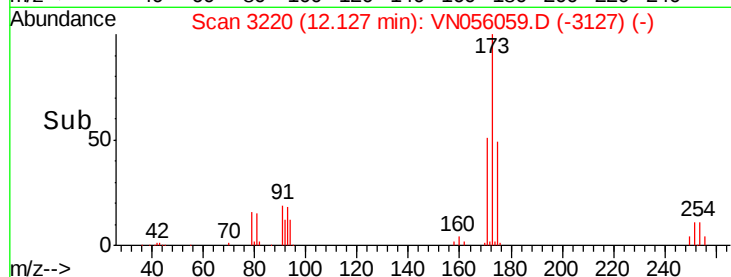
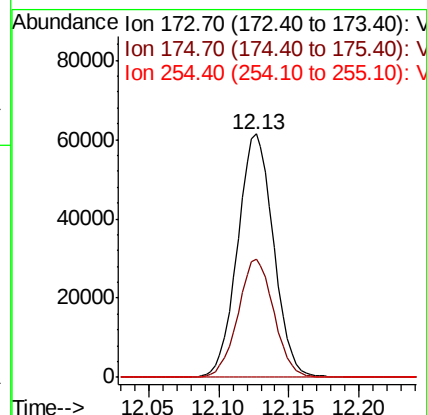
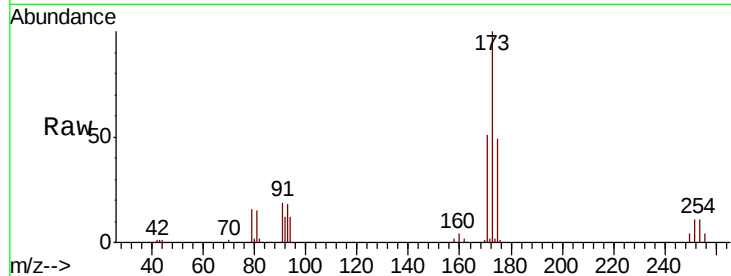




#71
Bromoform
Concen: 46.087 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

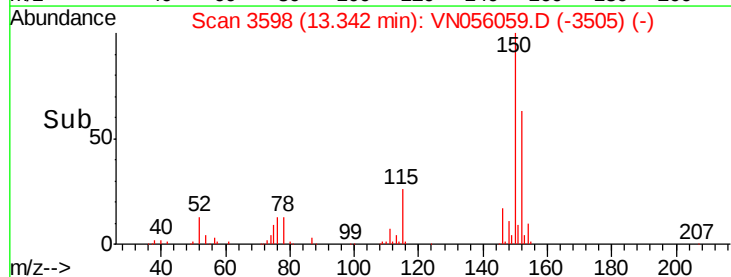
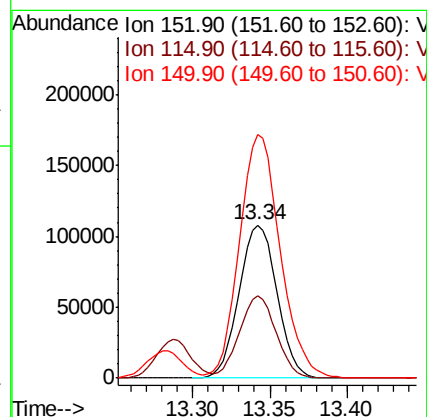
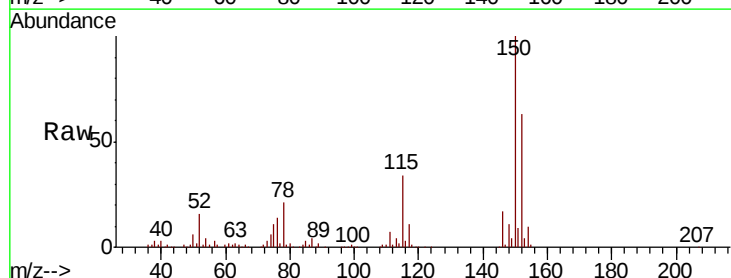
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 109653
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion:152 Resp: 184250
Ion Ratio Lower Upper
152 100
115 52.1 27.0 81.0
150 170.6 0.0 343.2





#73

Isopropylbenzene

Concen: 54.158 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

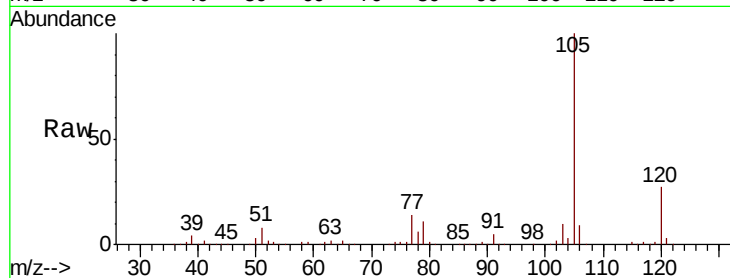
VSTDCCC050

Tot Ion:105 Resp: 708629

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

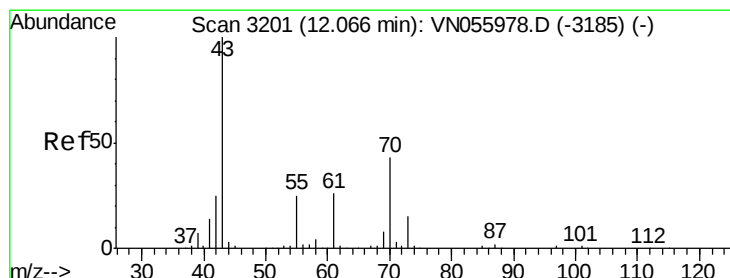
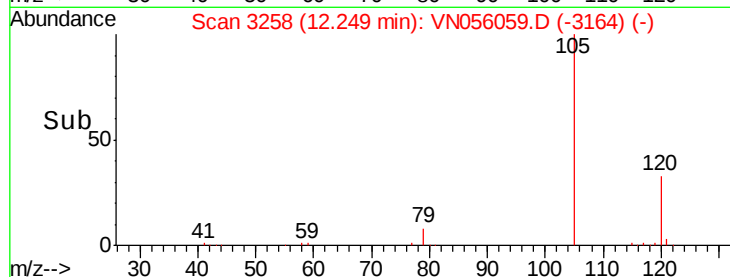
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.121 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Tgt Ion: 43 Resp: 251078

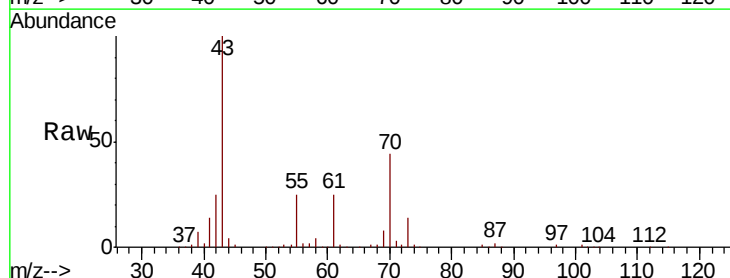
Ion Ratio Lower Upper

43 100

70 44.0 34.0 51.0

55 25.0 18.6 28.0

61 25.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

250000

200000

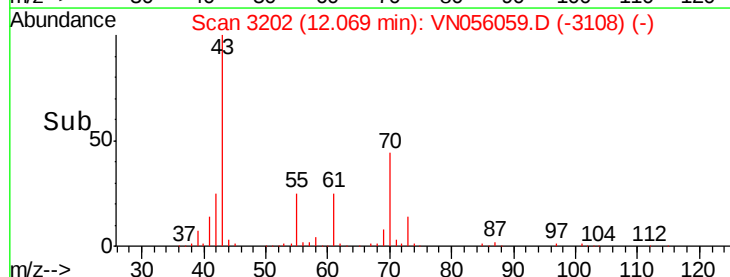
150000

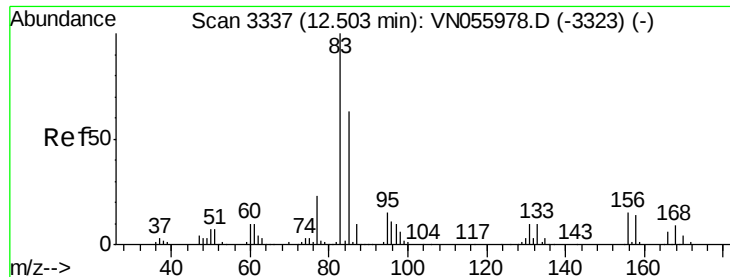
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.035 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

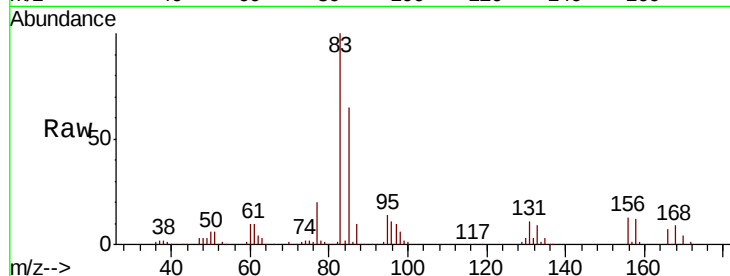
Tot Ion: 83 Resp: 214013

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

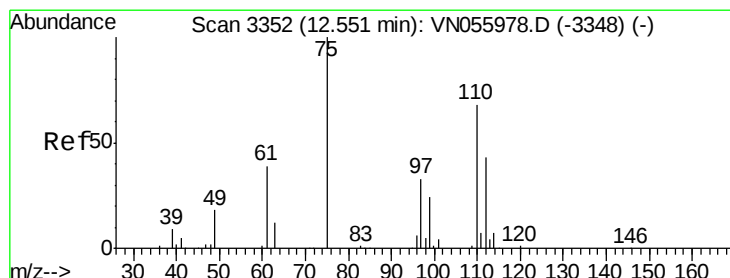
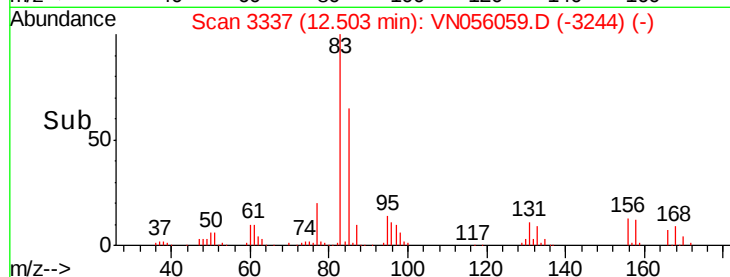
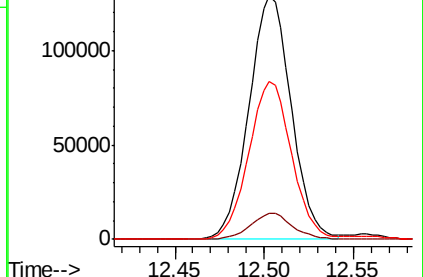
85 65.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 73.001 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056059.D

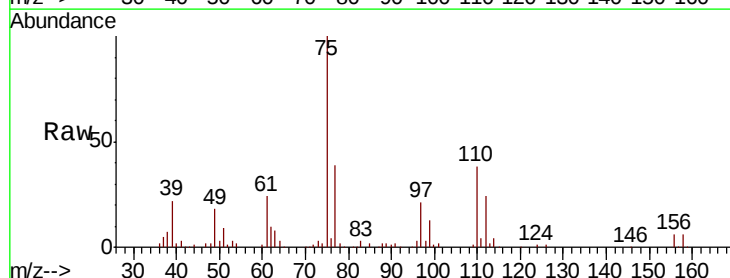
Acq: 6 Jun 2019 21:12

Tgt Ion: 75 Resp: 247494

Ion Ratio Lower Upper

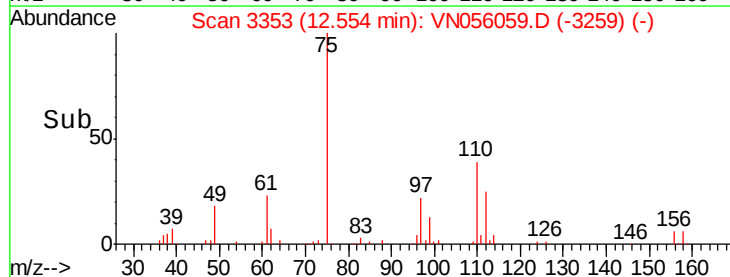
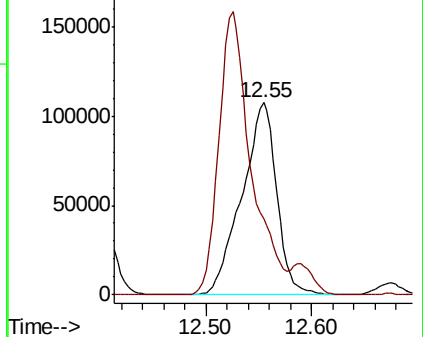
75 100

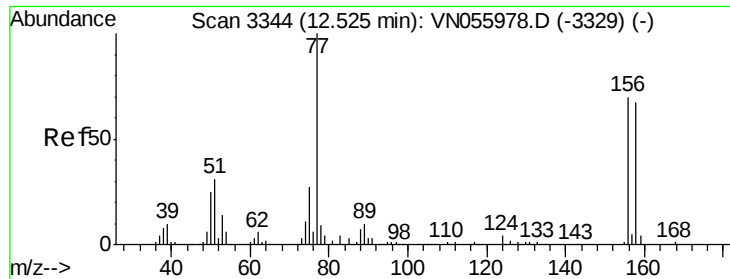
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)

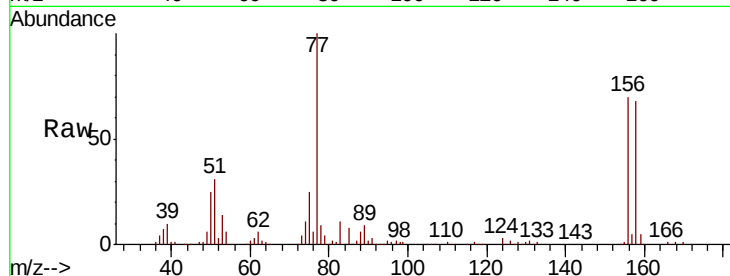




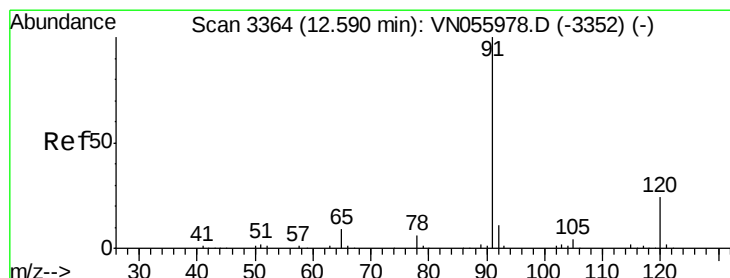
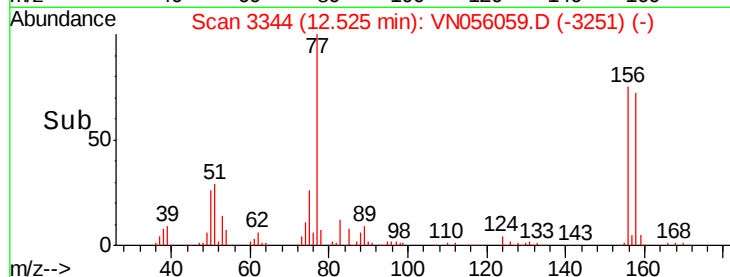
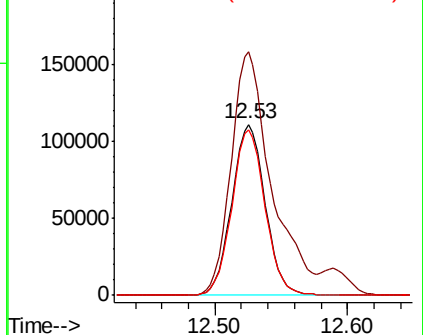
#77
Bromobenzene
Concen: 49.030 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 193410
Ion Ratio Lower Upper
156 100
77 173.3 90.8 272.5
158 96.7 49.3 147.8

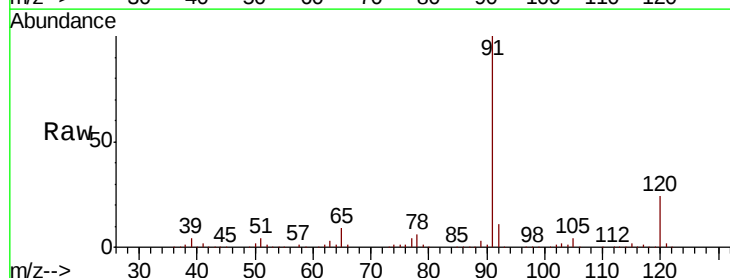


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

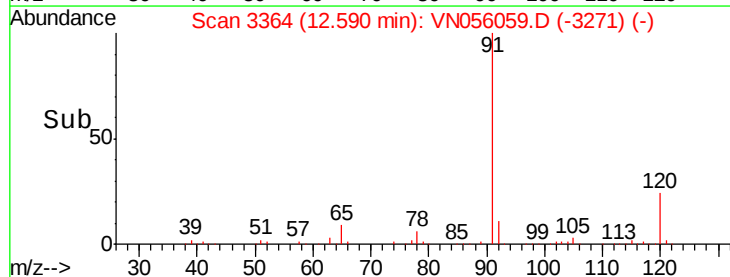
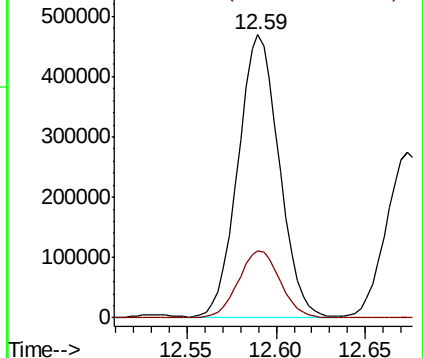


#78
n-propylbenzene
Concen: 48.211 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 91 Resp: 751486
Ion Ratio Lower Upper
91 100
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.663 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

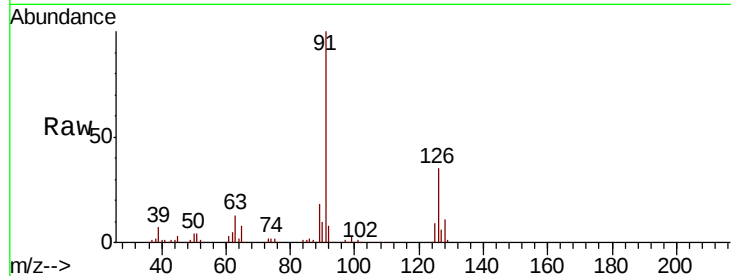
VSTDCCC050

Tot Ion: 91 Resp: 462495

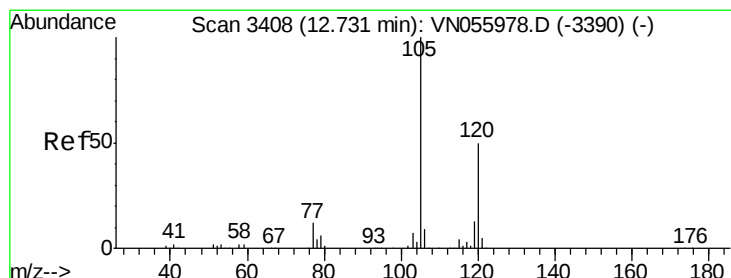
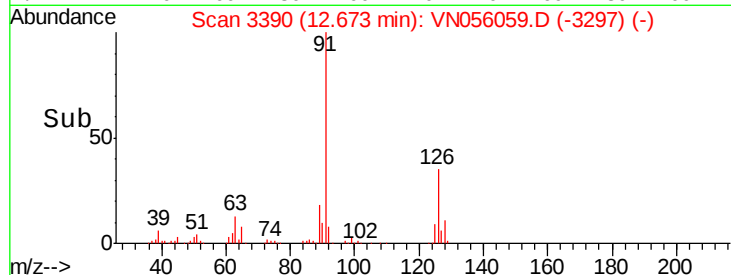
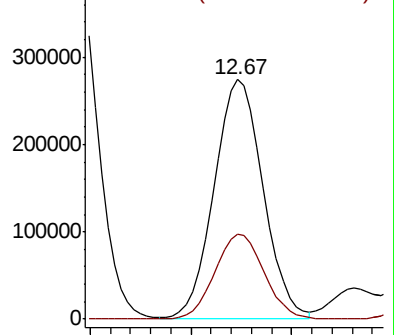
Ion Ratio Lower Upper

91 100

126 36.1 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.071 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056059.D

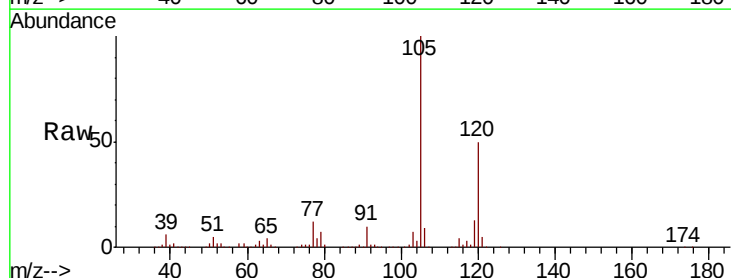
Acq: 6 Jun 2019 21:12

Tgt Ion:105 Resp: 583132

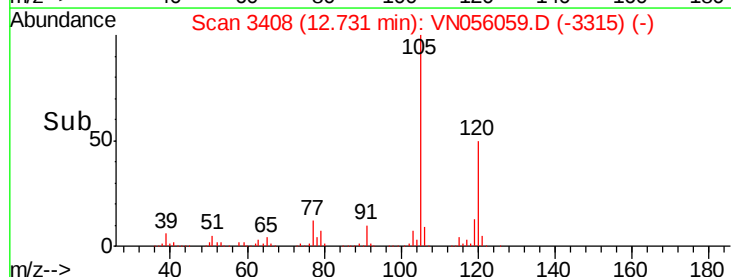
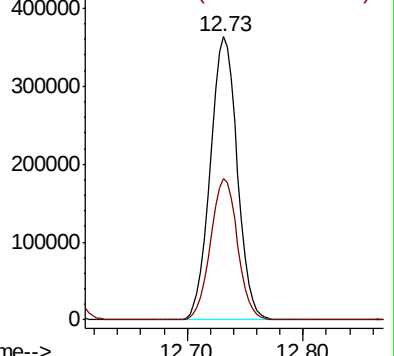
Ion Ratio Lower Upper

105 100

120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

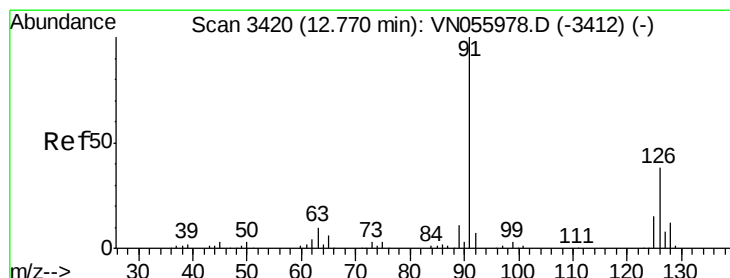
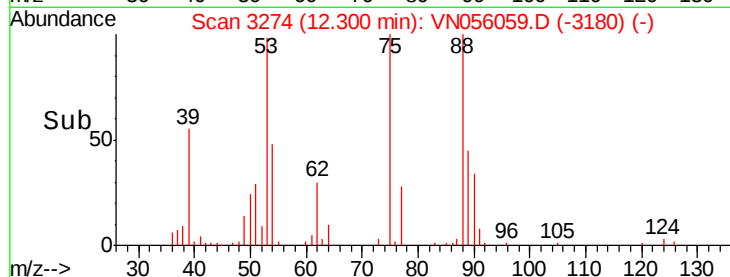
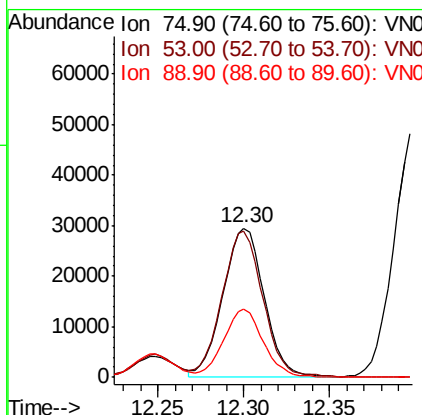
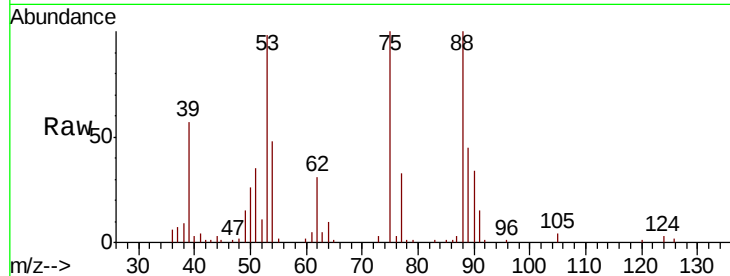




#81
trans-1,4-Dichloro-2-butene
Concen: 48.742 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

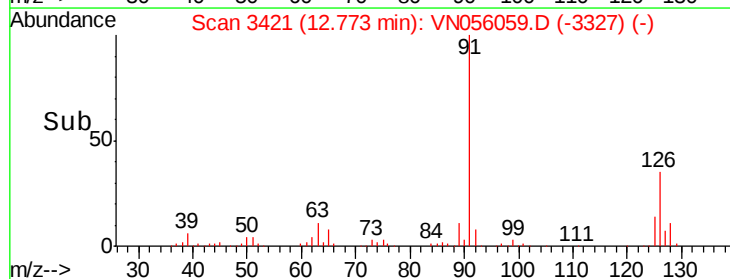
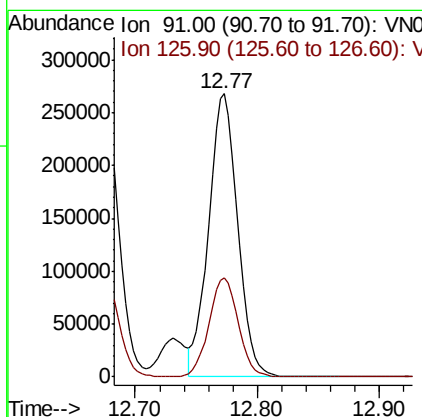
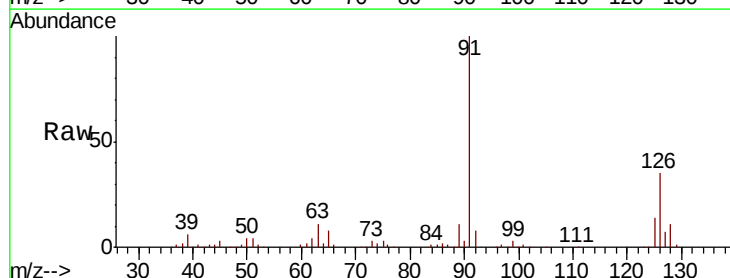
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

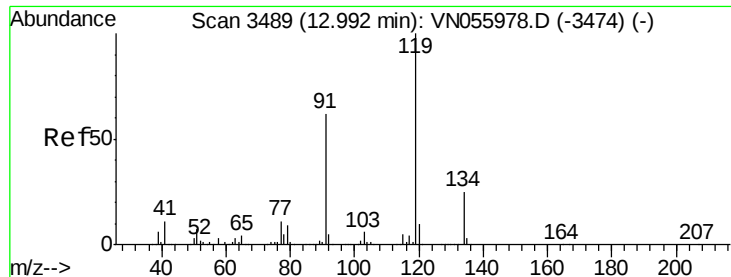
Tot Ion: 75 Resp: 49622
Ion Ratio Lower Upper
75 100
53 97.5 68.1 102.1
89 43.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.820 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 91 Resp: 445203
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.3

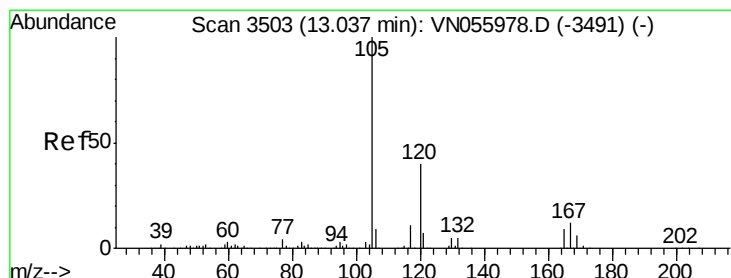
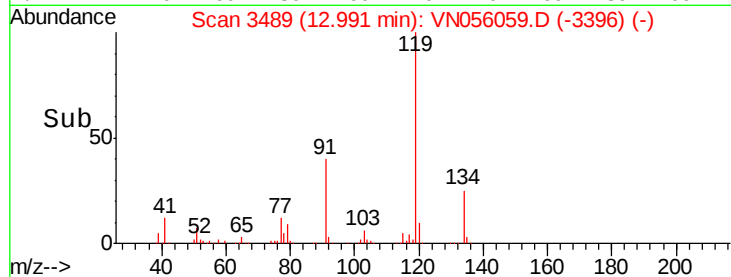
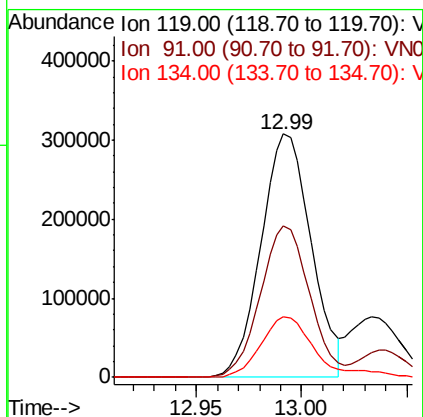
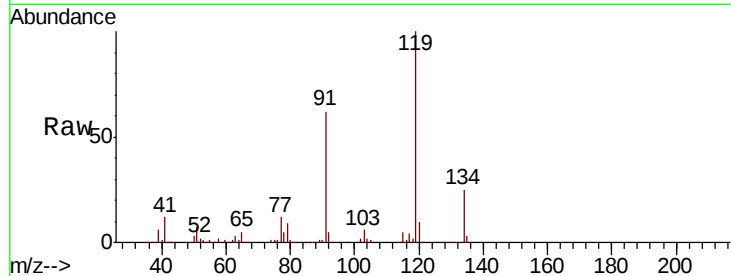




#83
 tert-Butylbenzene
 Concen: 53.365 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

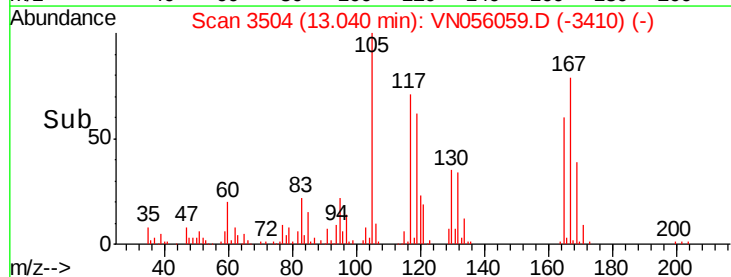
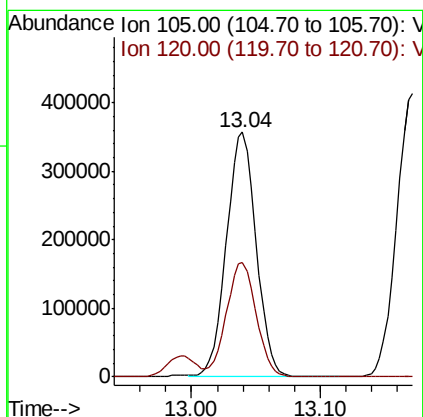
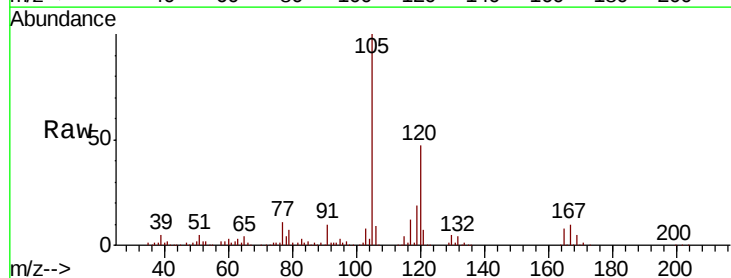
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

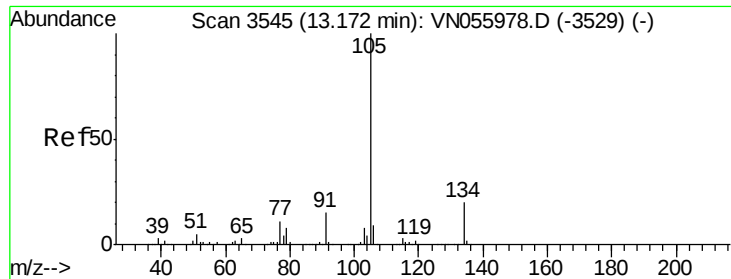
Tot Ion:119 Resp: 511178
 Ion Ratio Lower Upper
 119 100
 91 61.2 30.9 92.8
 134 26.9 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.573 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Tgt Ion:105 Resp: 570623
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.0 69.0

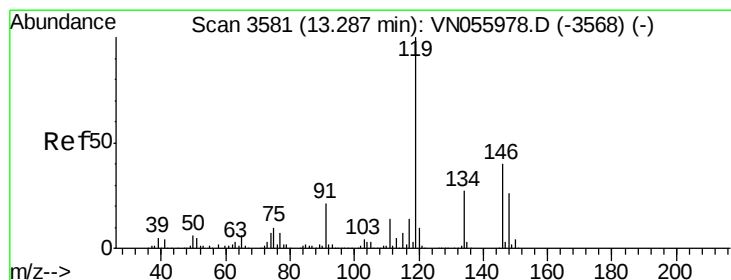
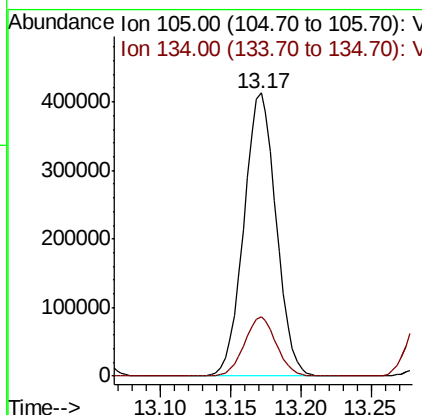
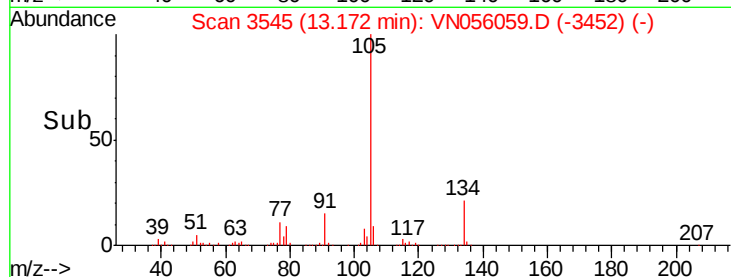
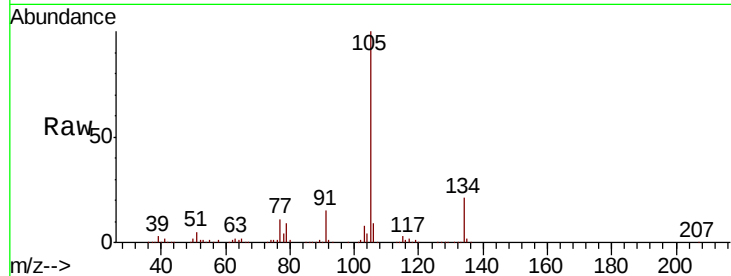




#85
 sec-Butylbenzene
 Concen: 48.009 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

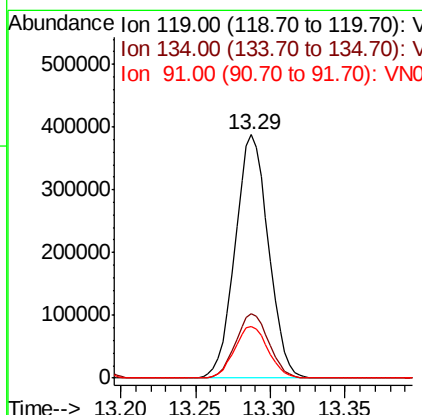
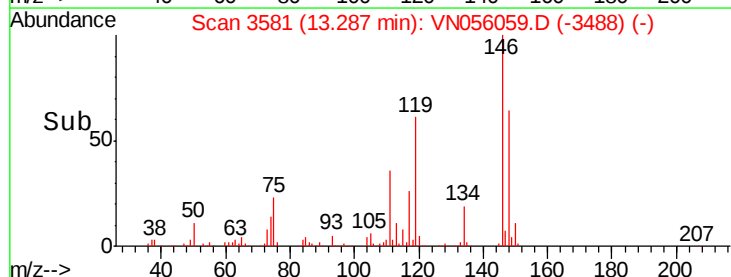
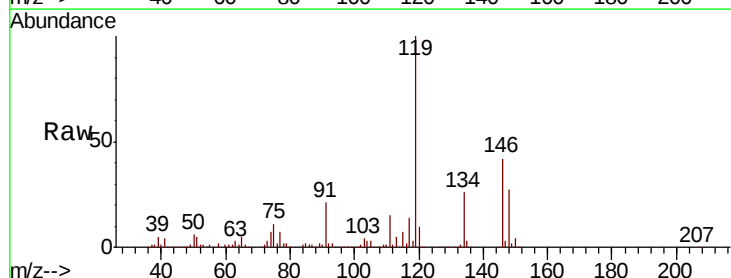
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

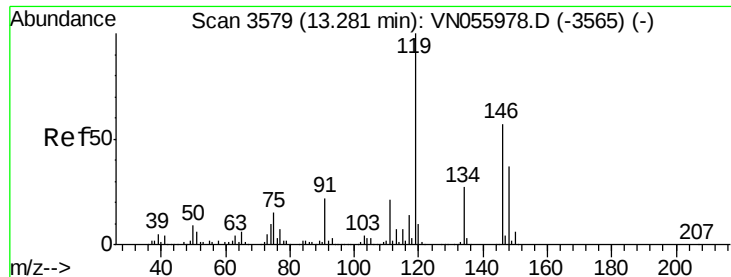
Tot Ion:105 Resp: 662727
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.398 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056059.D
 Acq: 6 Jun 2019 21:12

Tgt Ion:119 Resp: 597917
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.825 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

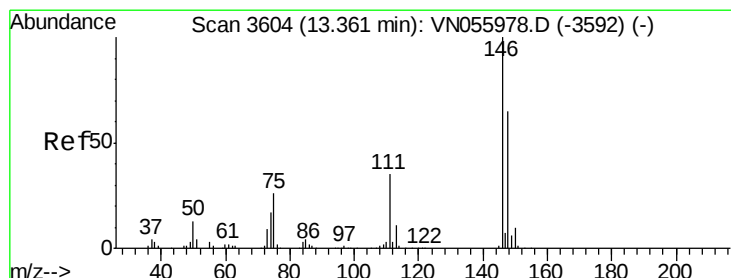
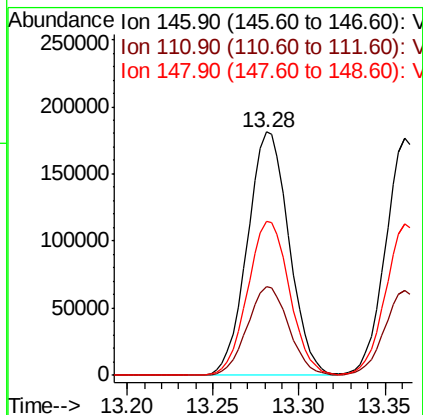
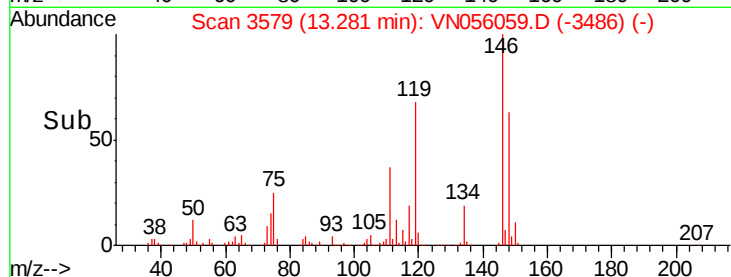
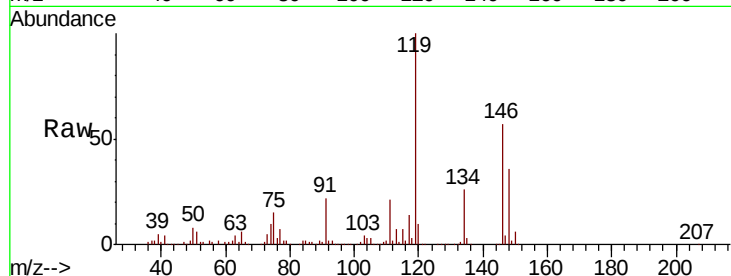
Tot Ion:146 Resp: 304199

Ion Ratio Lower Upper

146 100

111 36.2 18.5 55.5

148 63.6 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.512 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

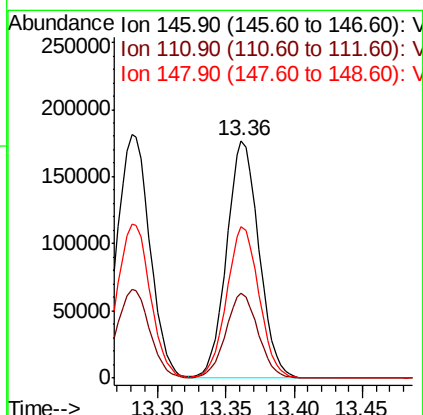
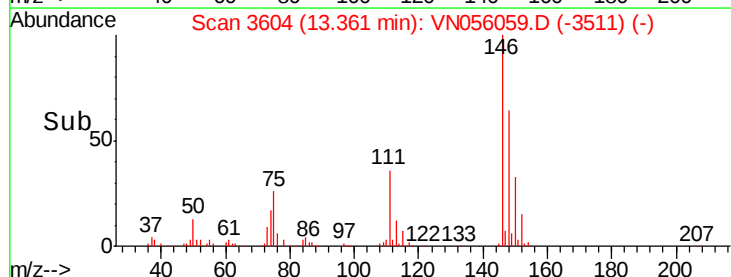
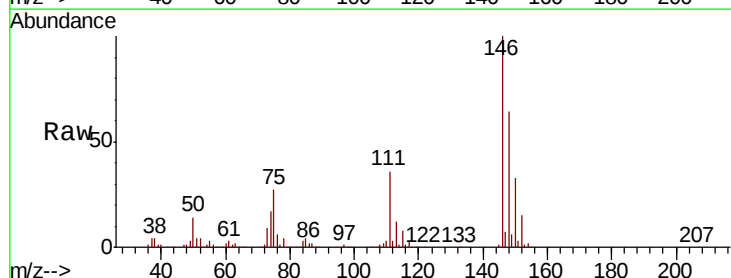
Tgt Ion:146 Resp: 290787

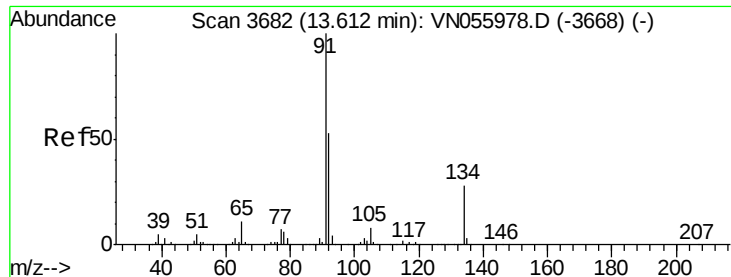
Ion Ratio Lower Upper

146 100

111 35.8 18.1 54.4

148 64.0 32.1 96.5

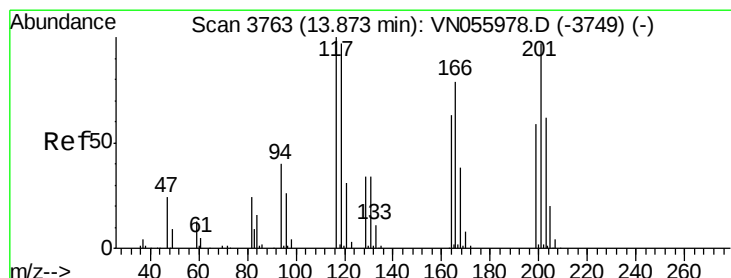
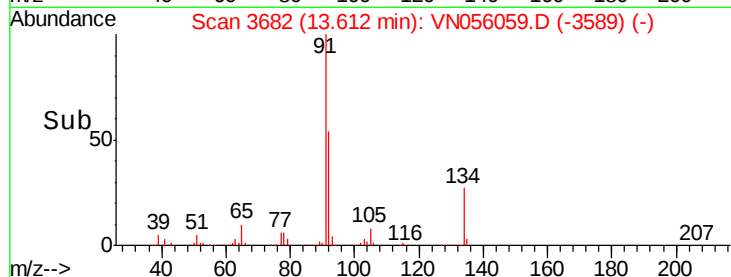
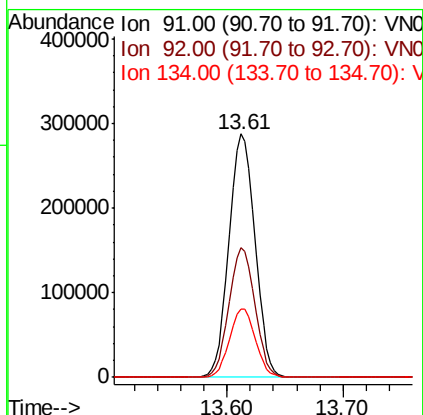
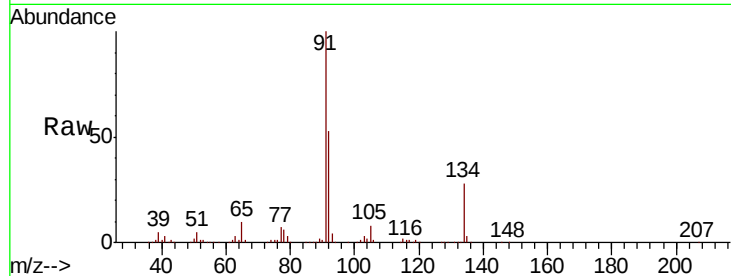




#89
n-Butylbenzene
Concen: 48.614 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

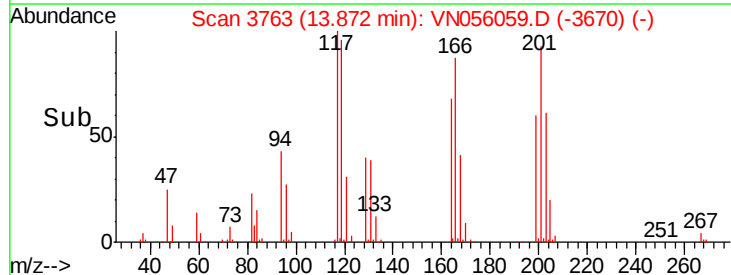
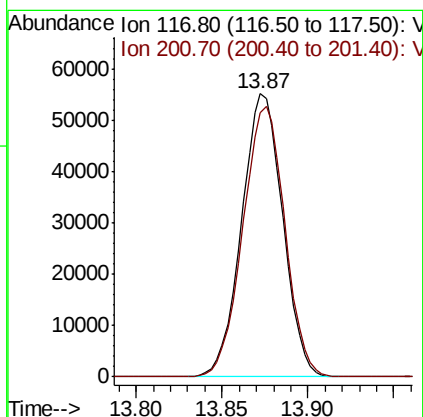
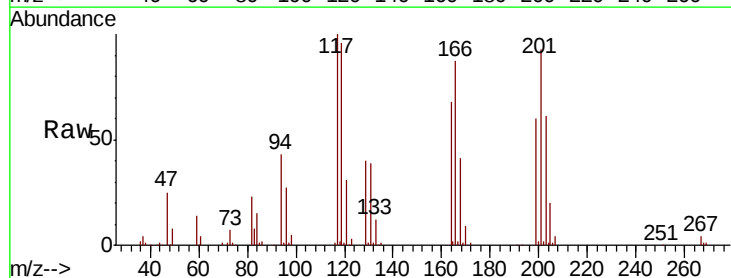
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 444910
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 28.0 13.9 41.7



#90
Hexachloroethane
Concen: 49.132 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056059.D
Acq: 6 Jun 2019 21:12

Tgt Ion: 117 Resp: 91539
Ion Ratio Lower Upper
117 100
201 97.6 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 48.831 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

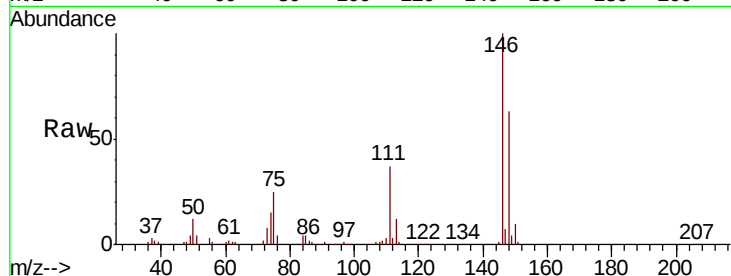
Tot Ion:146 Resp: 300996

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

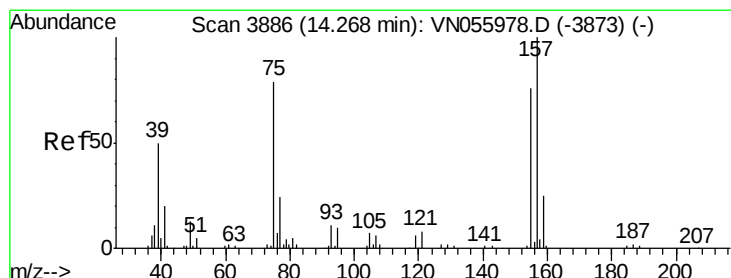
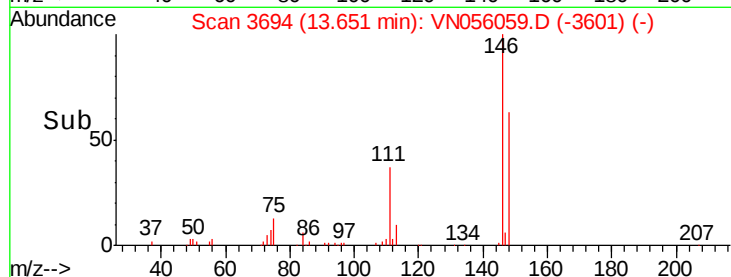
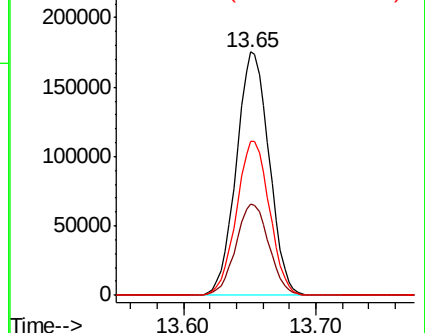
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.003 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

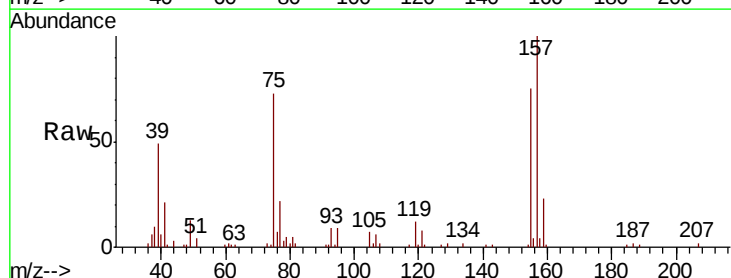
Tgt Ion: 75 Resp: 32426

Ion Ratio Lower Upper

75 100

155 104.0 50.0 150.1

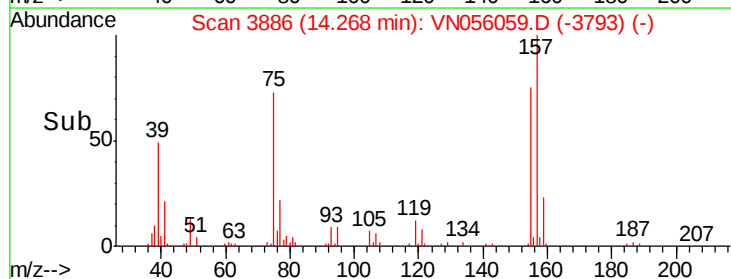
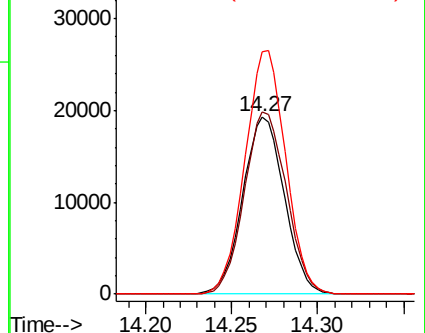
157 134.4 64.8 194.3



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 43.231 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

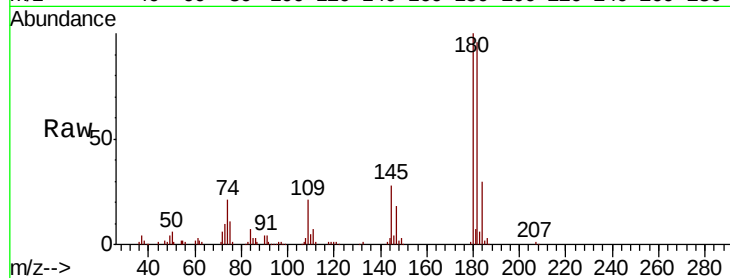
Tot Ion:180 Resp: 144700

Ion Ratio Lower Upper

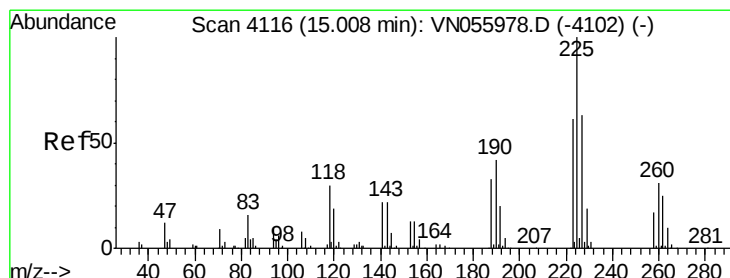
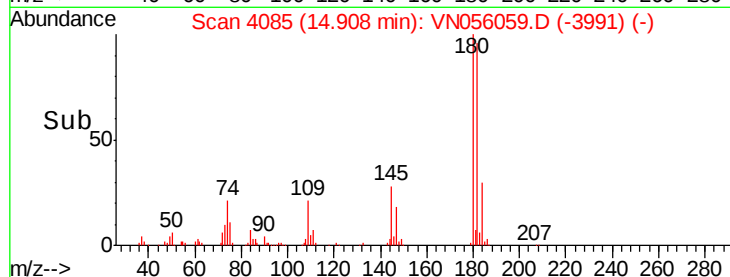
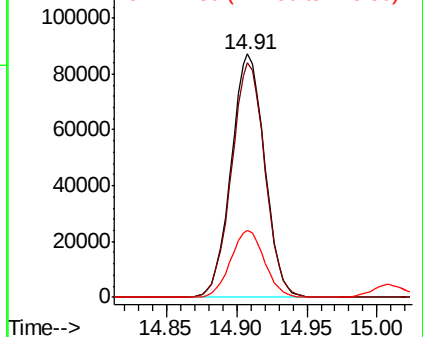
180 100

182 96.4 48.3 144.9

145 27.8 14.0 41.9



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



#94

Hexachlorobutadiene

Concen: 49.925 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

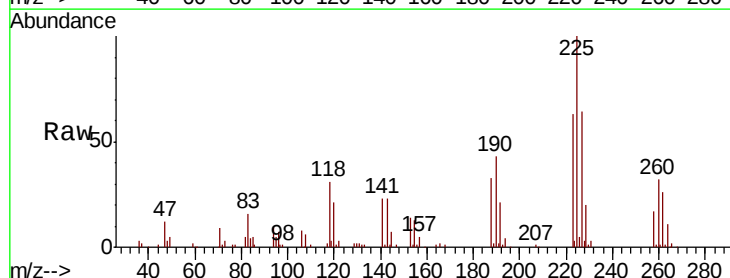
Tgt Ion:225 Resp: 105555

Ion Ratio Lower Upper

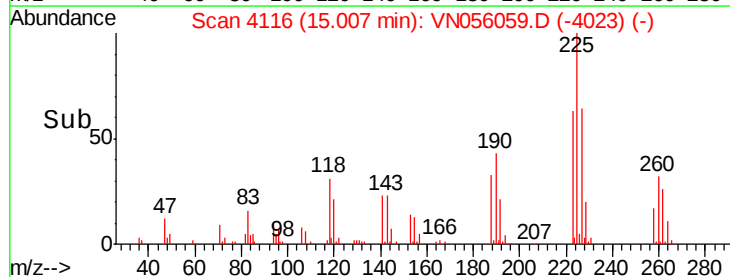
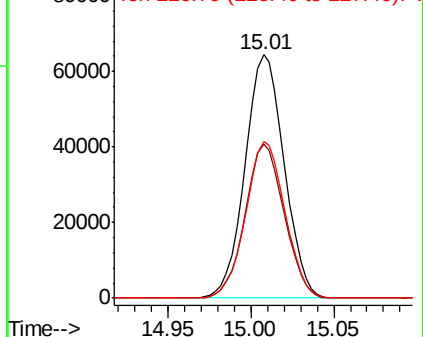
225 100

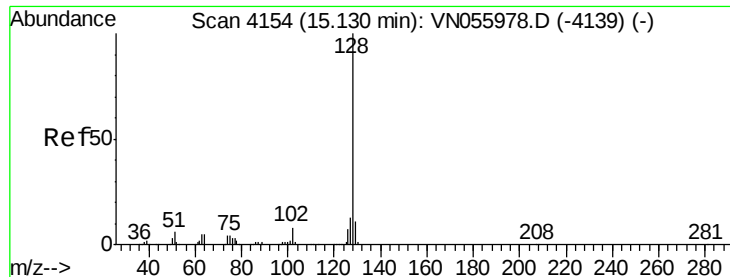
223 62.9 30.9 92.7

227 64.3 31.6 94.7



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: 45.312 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

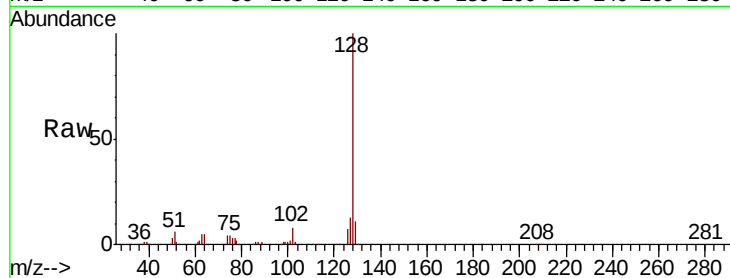
Tot Ion:128 Resp: 395876

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

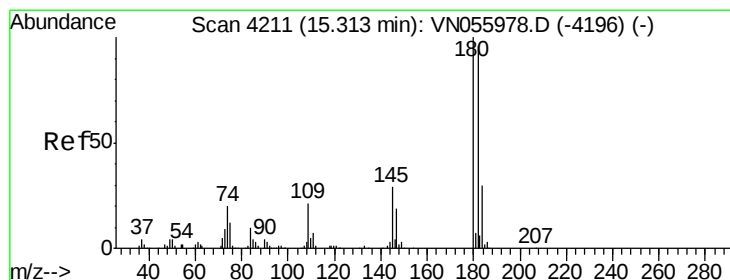
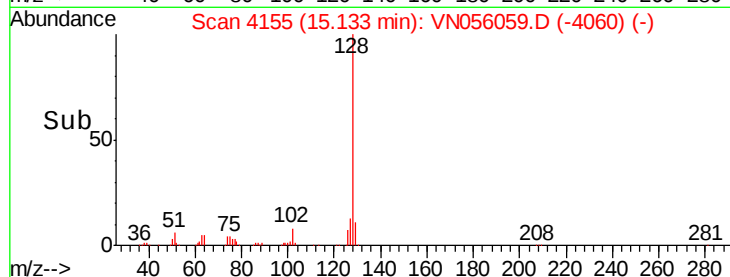
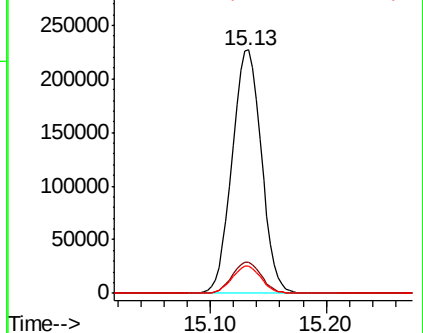
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.515 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056059.D

Acq: 6 Jun 2019 21:12

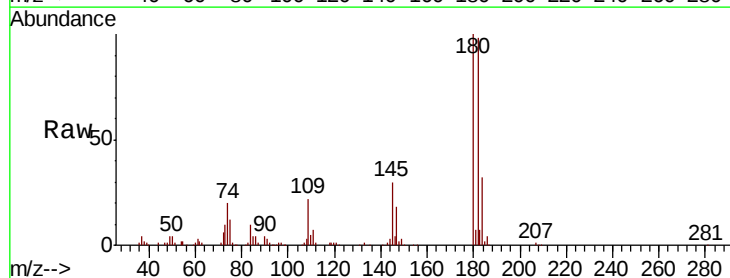
Tgt Ion:180 Resp: 156558

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.7

145 30.0 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

