

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057954.D
 Acq On : 12 Sep 2019 8:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 04:40:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	348244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	558017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	330403	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	357146	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.57	113	257521	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.09	98	1056232	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	382954	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	227374	47.211	ug/l	98
3) Chloromethane	2.03	50	204245	41.610	ug/l	98
4) Vinyl Chloride	2.16	62	218729	42.103	ug/l	99
5) Bromomethane	2.53	94	124188	43.297	ug/l	98
6) Chloroethane	2.67	64	141412	42.717	ug/l	98
7) Trichlorofluoromethane	2.99	101	281134	43.002	ug/l	99
8) Diethyl Ether	3.39	74	119448	43.805	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	192522	46.681	ug/l	100
10) Methyl Iodide	3.92	142	189311	41.249	ug/l	99
11) Tert butyl alcohol	4.76	59	172419	201.970	ug/l	99
12) 1,1-Dichloroethene	3.71	96	162590	43.846	ug/l	98
13) Acrolein	3.58	56	147692	203.920	ug/l	100
14) Allyl chloride	4.29	41	320461	44.159	ug/l	98
15) Acrylonitrile	4.96	53	531325	226.439	ug/l	99
16) Acetone	3.79	43	608409	263.126	ug/l	97
17) Carbon Disulfide	4.02	76	244091	42.318	ug/l	100
18) Methyl Acetate	4.30	43	286618	46.490	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	714095	46.273	ug/l	100
20) Methylene Chloride	4.52	84	221462	50.319	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	179015	44.658	ug/l	96
22) Diisopropyl ether	5.92	45	824873	48.470	ug/l	100
23) Vinyl Acetate	5.87	43	2981901	247.239	ug/l	99
24) 1,1-Dichloroethane	5.82	63	439326	47.235	ug/l	99
25) 2-Butanone	6.81	43	813967	243.221	ug/l	99
26) 2,2-Dichloropropane	6.80	77	348467	47.343	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	249427	46.431	ug/l	99
28) Bromochloromethane	7.17	49	233347	50.219	ug/l	98
29) Tetrahydrofuran	7.19	42	463174	224.602	ug/l	99
30) Chloroform	7.35	83	457942	47.090	ug/l	98
31) Cyclohexane	7.63	56	310968	49.019	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	360702	46.766	ug/l	99
36) 1,1-Dichloropropene	7.77	75	294939	45.575	ug/l	100
37) Ethyl Acetate	6.91	43	298699	44.673	ug/l	100
38) Carbon Tetrachloride	7.76	117	288701	48.862	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	309115	45.438	ug/l	98
40) Benzene	8.02	78	922717	47.359	ug/l	97
41) Methacrylonitrile	7.15	41	131033	43.172	ug/l	94
42) 1,2-Dichloroethane	8.11	62	373730	47.962	ug/l	100
43) Isopropyl Acetate	8.15	43	527662	46.928	ug/l	99
44) Trichloroethene	8.82	130	223954	46.865	ug/l	100
45) 1,2-Dichloropropane	9.11	63	275305	48.560	ug/l	100
46) Dibromomethane	9.20	93	164965	48.152	ug/l	99
47) Bromodichloromethane	9.39	83	348655	50.964	ug/l	98
48) Methyl methacrylate	9.19	41	268986	47.159	ug/l	99
49) 1,4-Dioxane	9.19	88	84892	880.113	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1649911	247.960	ug/l	100
52) Toluene	10.15	92	594784	48.469	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	364467	50.591	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	404689	50.879	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	254978	49.053	ug/l	98
56) Ethyl methacrylate	10.43	69	381336	48.716	ug/l	99
57) 1,3-Dichloropropane	10.71	76	437935	48.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	804031	218.084	ug/l	100
59) 2-Hexanone	10.75	43	1276146	255.875	ug/l	100
60) Dibromochloromethane	10.90	129	248737	51.532	ug/l	100
61) 1,2-Dibromoethane	11.00	107	242396	49.325	ug/l	100
64) Tetrachloroethene	10.63	164	180063	45.231	ug/l	99
65) Chlorobenzene	11.43	112	675541	47.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	241497	49.323	ug/l	100
67) Ethyl Benzene	11.51	91	1227786	49.650	ug/l	99
68) m/p-Xylenes	11.62	106	896311	98.950	ug/l	100
69) o-Xylene	11.95	106	440548	48.921	ug/l	98
70) Styrene	11.97	104	789639	50.951	ug/l	100
71) Bromoform	12.13	173	151606	49.664	ug/l #	99
73) Isopropylbenzene	12.25	105	1244198	48.529	ug/l	99
74) N-amyl acetate	12.07	43	514655	46.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	391969	45.407	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	476689	63.777	ug/l #	100
77) Bromobenzene	12.53	156	288195	45.086	ug/l	99
78) n-propylbenzene	12.59	91	1471744	49.990	ug/l	99
79) 2-Chlorotoluene	12.68	91	871130	46.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1072576	49.512	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	99020	46.620	ug/l	93
82) 4-Chlorotoluene	12.78	91	928139	48.572	ug/l	98
83) tert-Butylbenzene	13.00	119	921001	47.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1108807	50.362	ug/l	98
85) sec-Butylbenzene	13.18	105	1269529	49.741	ug/l	100
86) p-Isopropyltoluene	13.29	119	1154137	51.322	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	564300	48.096	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	559039	46.941	ug/l	100
89) n-Butylbenzene	13.62	91	1083605	51.025	ug/l	99
90) Hexachloroethane	13.88	117	169482	50.676	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	554164	47.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	68206	47.844	ug/l	97

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QLast Update : Tue Sep 10 03:02:13 2019
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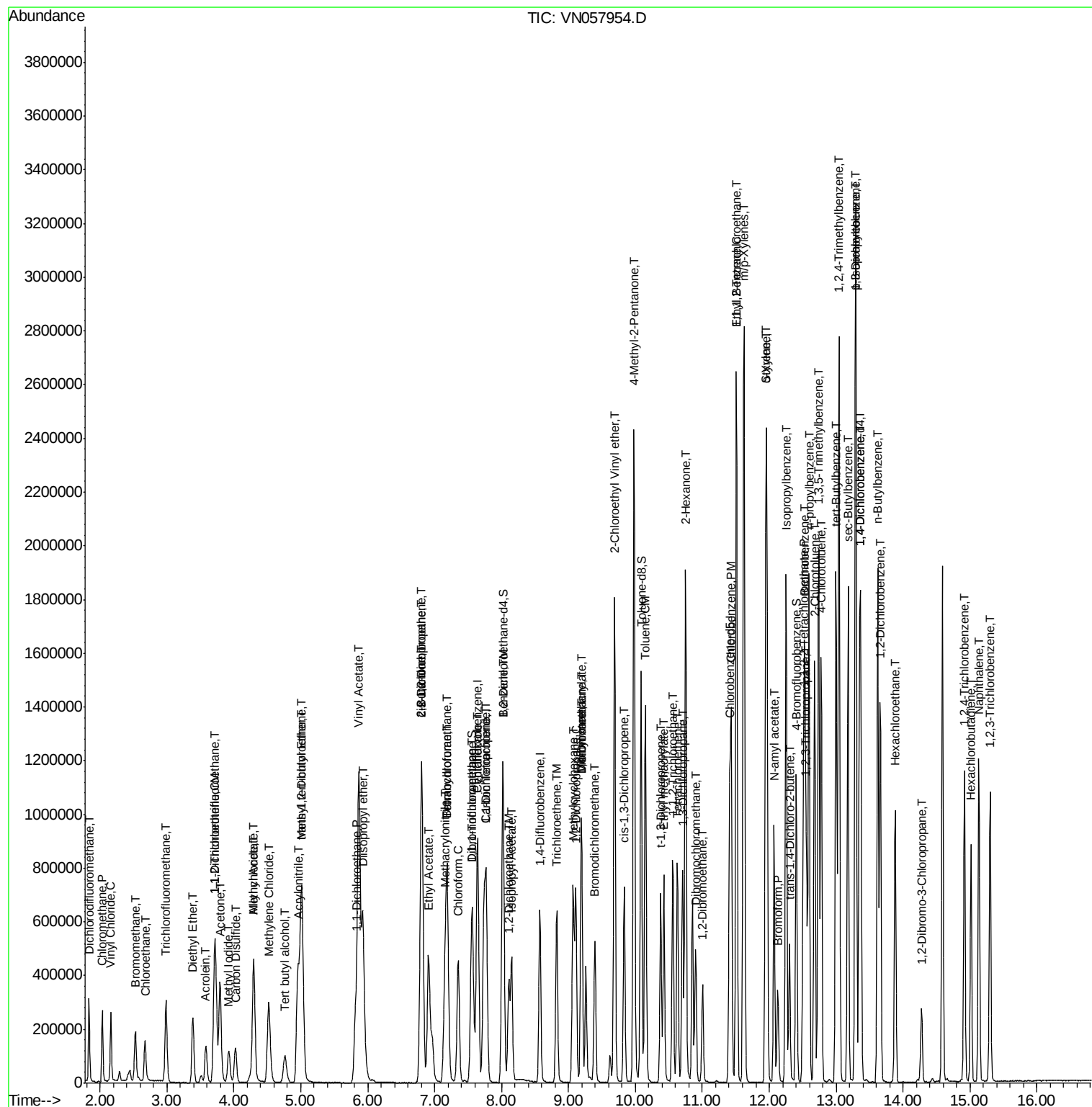
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	340522	44.446	ug/l	98
94) Hexachlorobutadiene	15.02	225	154732	47.643	ug/l	97
95) Naphthalene	15.13	128	934910	48.282	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	318237	47.628	ug/l	99

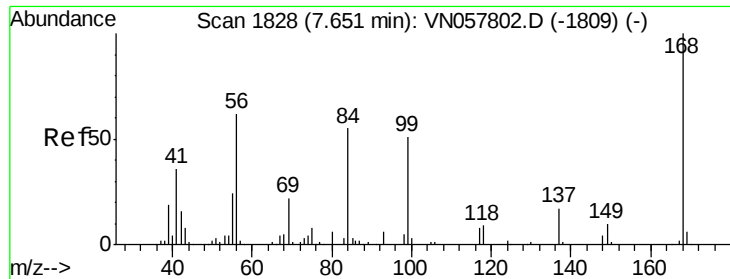
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

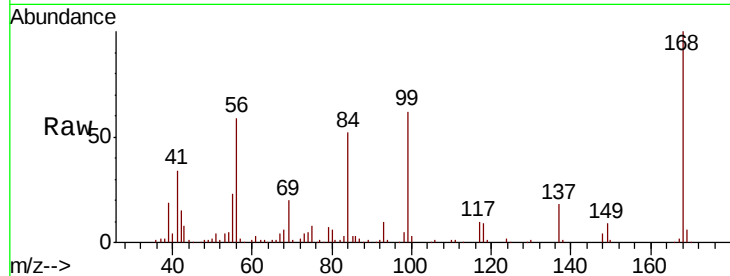
VSTDCCC050

Tgt Ion:168 Resp: 348244

Ion Ratio Lower Upper

168 100

99 61.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

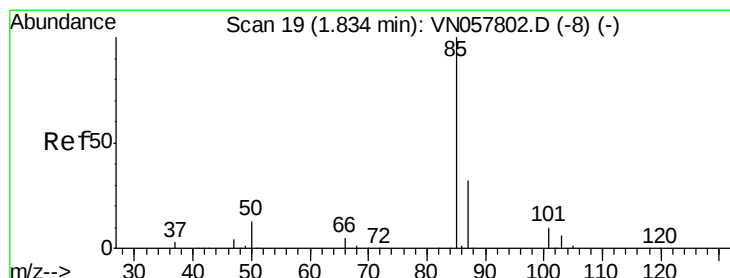
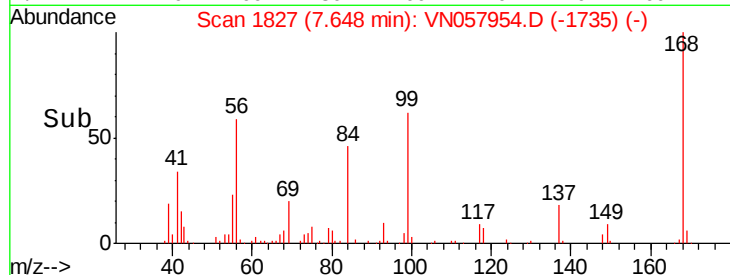
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 47.211 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057954.D

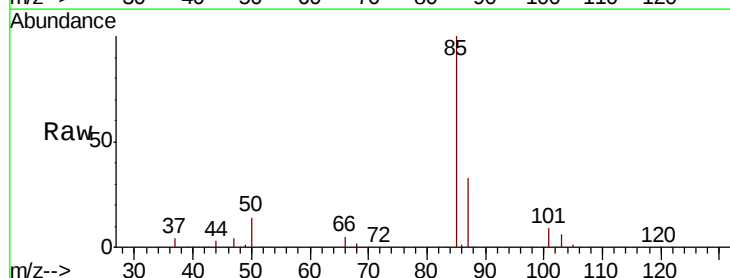
Acq: 12 Sep 2019 8:54

Tgt Ion: 85 Resp: 227374

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

200000

150000

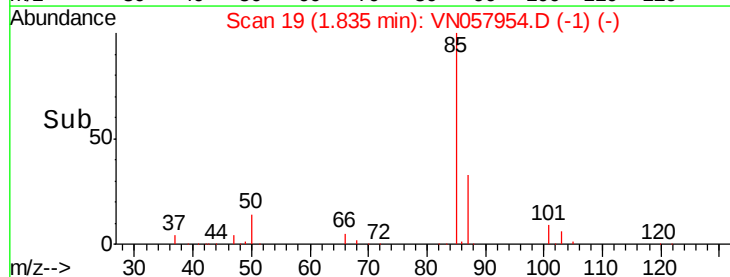
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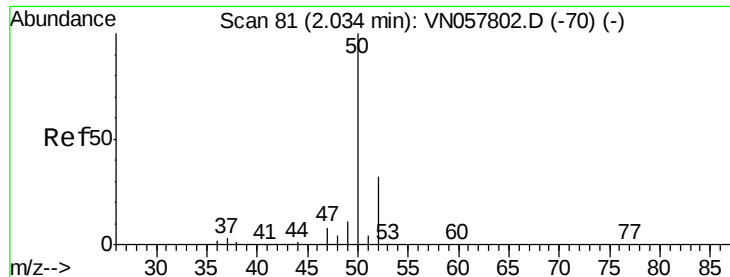
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1.75 1.80 1.85 1.90 1.95

Time-->

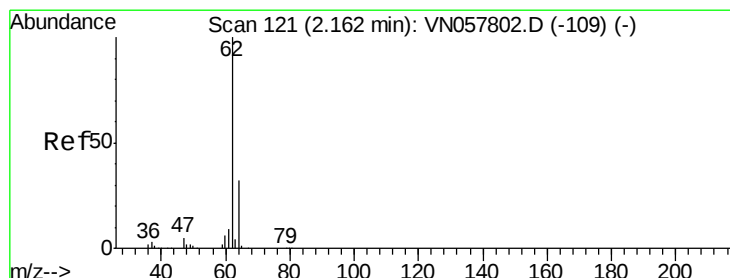
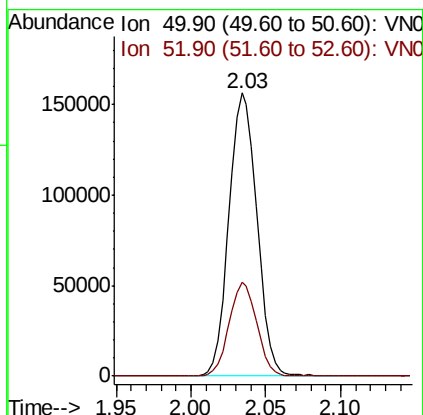
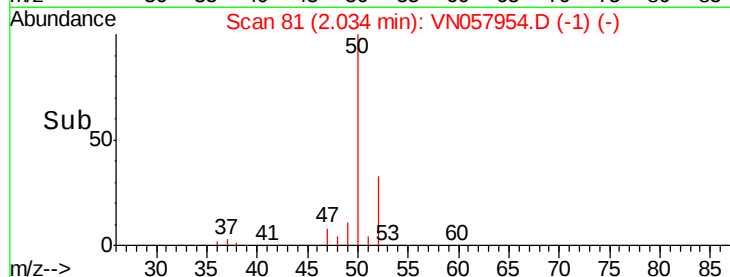
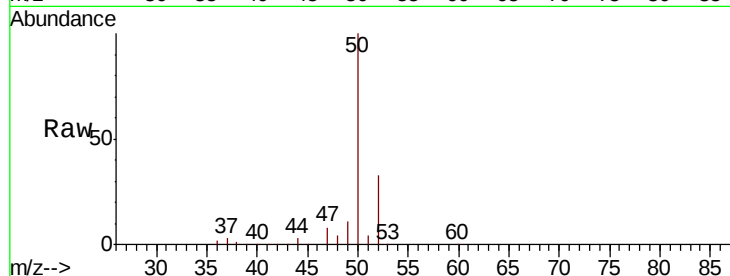




#3
 Chloromethane
 Concen: 41.610 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

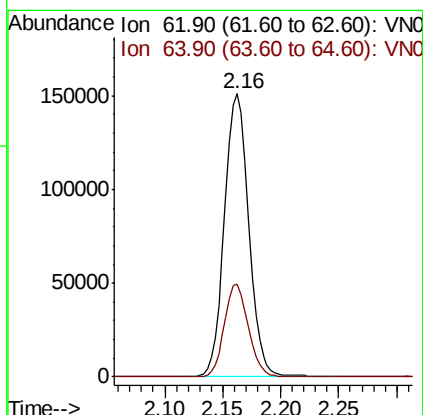
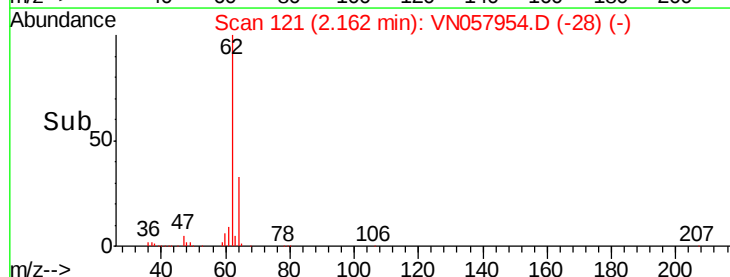
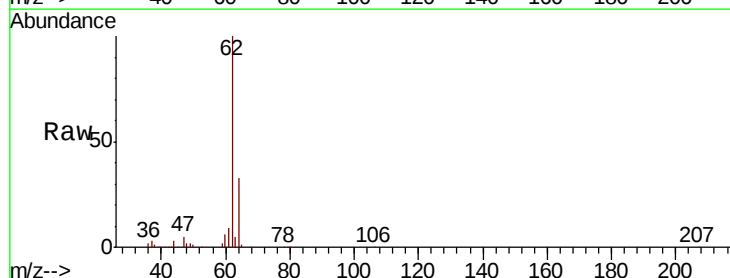
Instrument :
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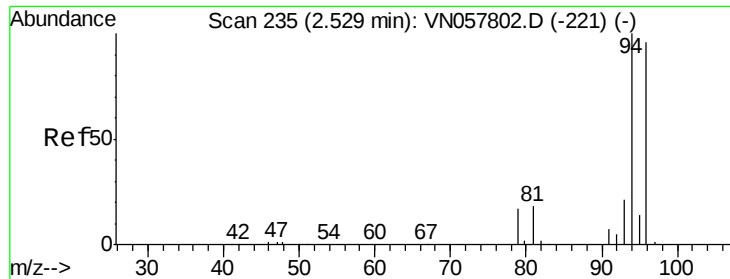
Tgt Ion: 50 Resp: 204245
 Ion Ratio Lower Upper
 50 100
 52 33.1 25.5 38.3



#4
 Vinyl Chloride
 Concen: 42.103 ug/l
 RT: 2.16 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 62 Resp: 218729
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.6 38.4

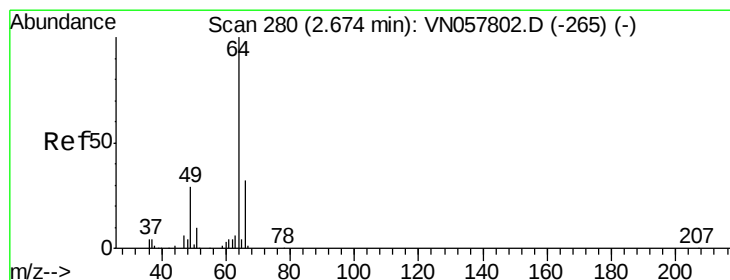
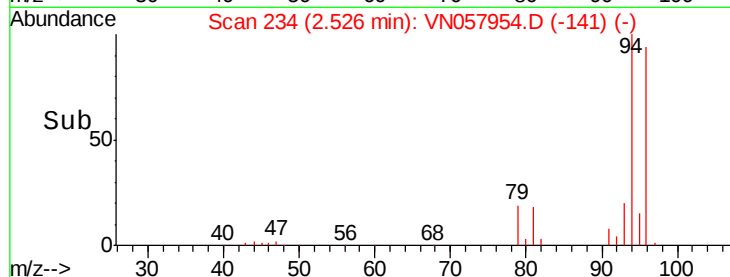
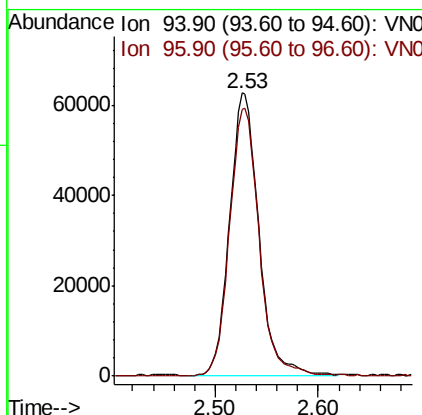
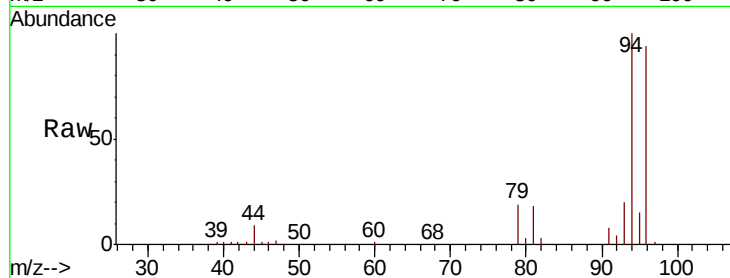




#5
Bromomethane
Concen: 43.297 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

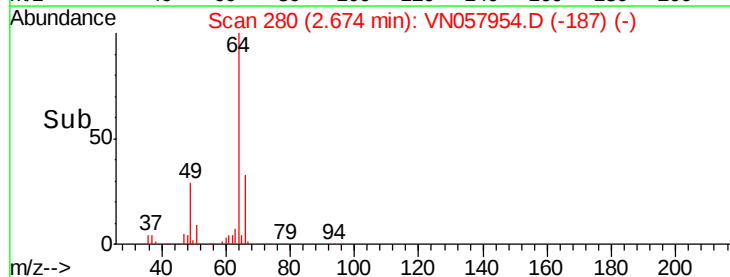
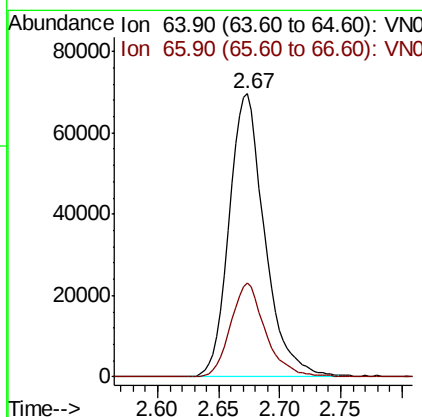
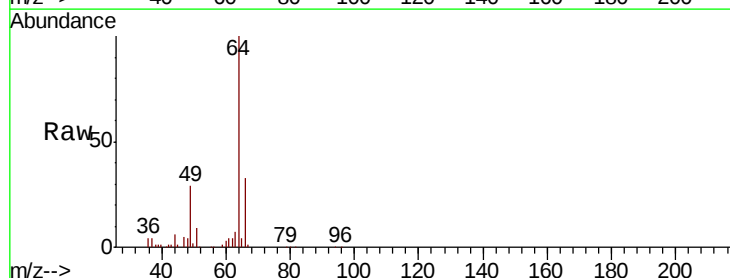
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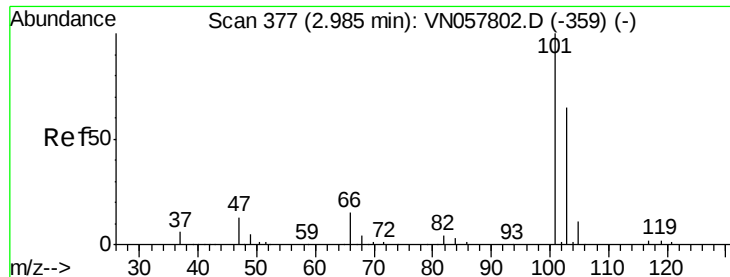
Tgt Ion: 94 Resp: 124188
Ion Ratio Lower Upper
94 100
96 94.2 77.0 115.4



#6
Chloroethane
Concen: 42.717 ug/l
RT: 2.67 min Scan# 280
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 64 Resp: 141412
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3



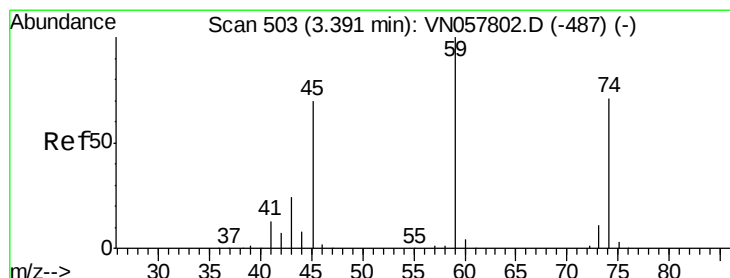
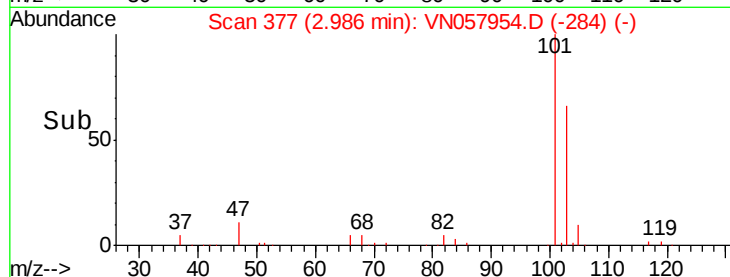
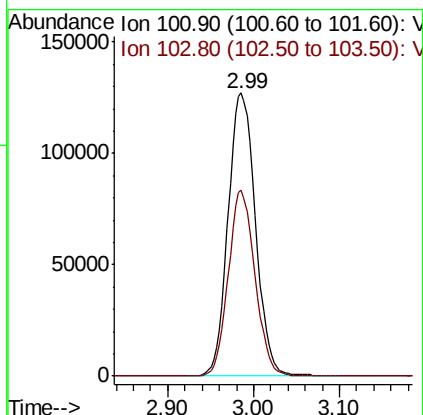
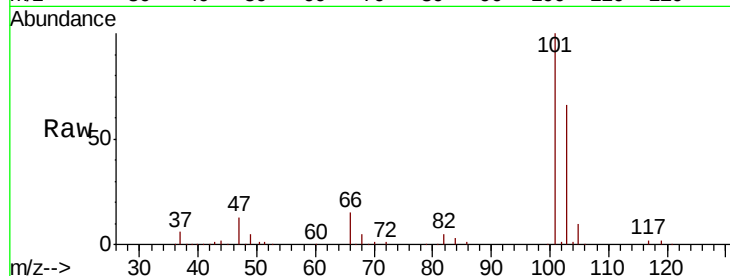


#7

Trichlorofluoromethane
 Concen: 43.002 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Instrument :
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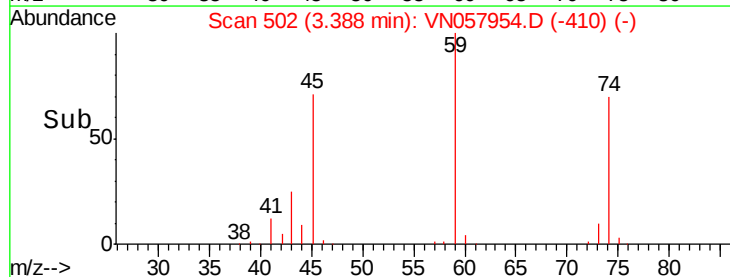
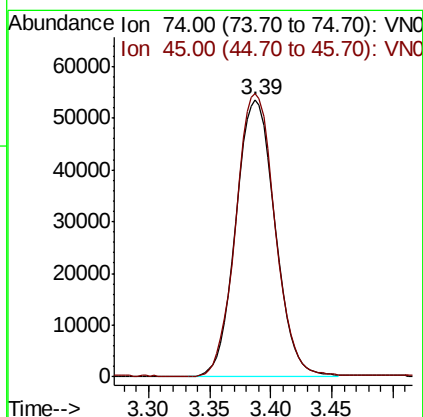
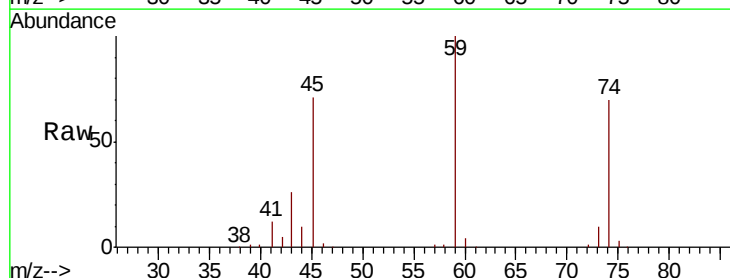
Tgt Ion:101 Resp: 281134
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.9 77.9

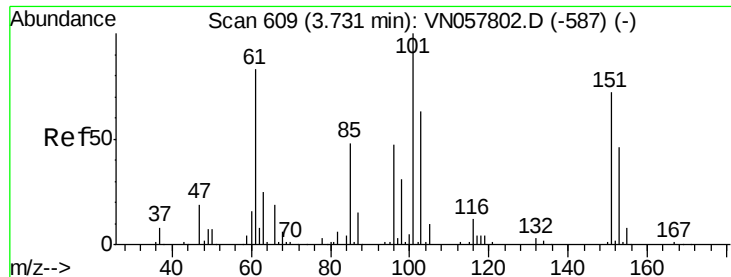


#8

Diethyl Ether
 Concen: 43.805 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 74 Resp: 119448
 Ion Ratio Lower Upper
 74 100
 45 101.8 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.681 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

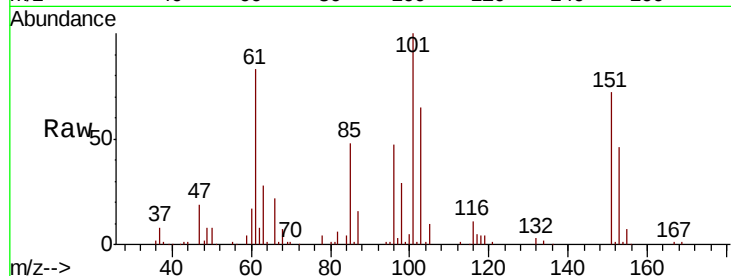
Tgt Ion:101 Resp: 192522

Ion Ratio Lower Upper

101 100

85 47.1 38.1 57.1

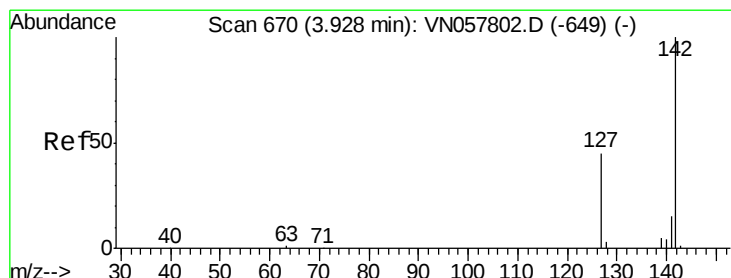
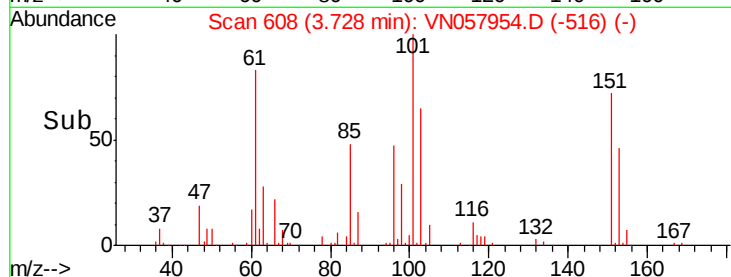
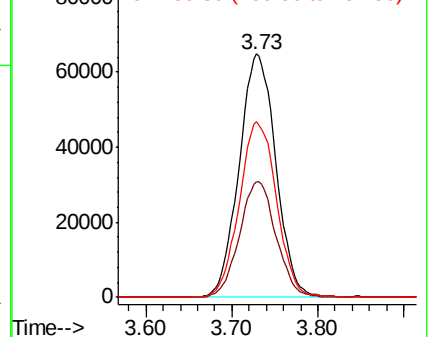
151 73.1 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.249 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

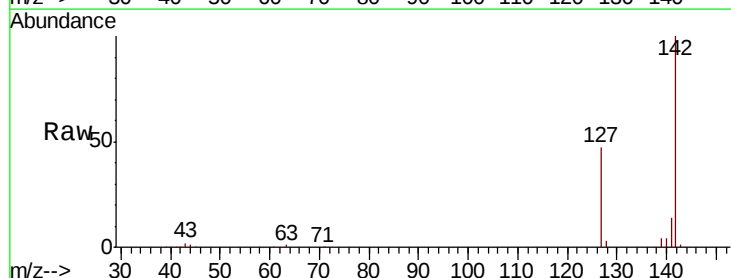
Tgt Ion:142 Resp: 189311

Ion Ratio Lower Upper

142 100

127 46.5 36.7 55.1

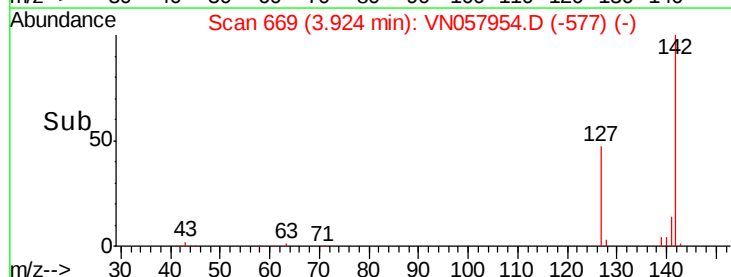
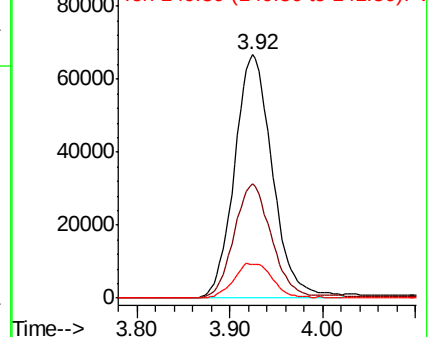
141 14.6 11.4 17.0

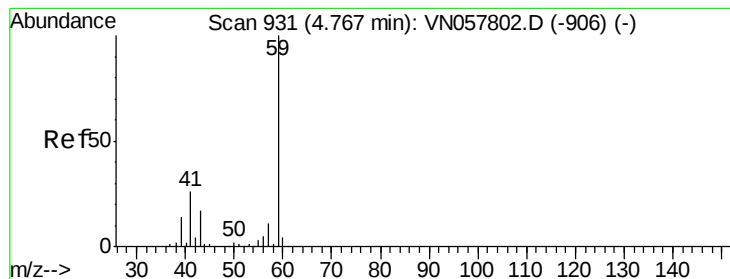


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



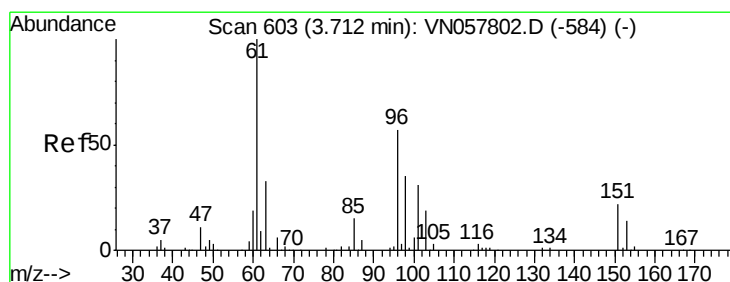
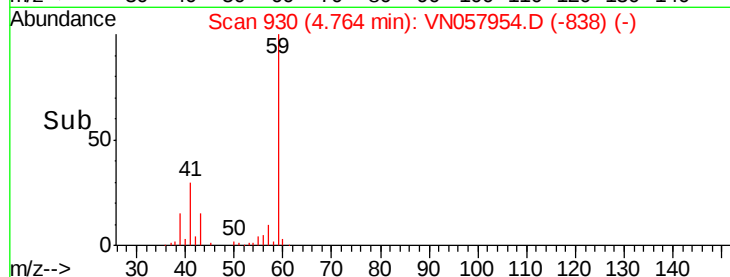
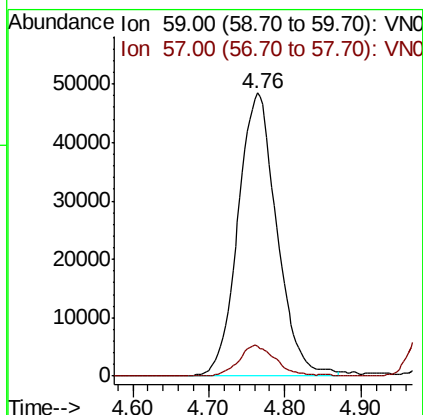
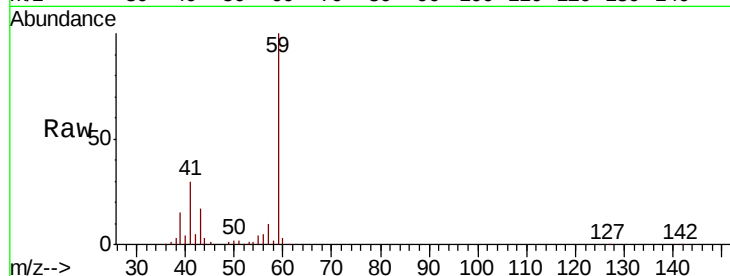


#11

Tert butyl alcohol
Concen: 201.970 ug/l
RT: 4.76 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

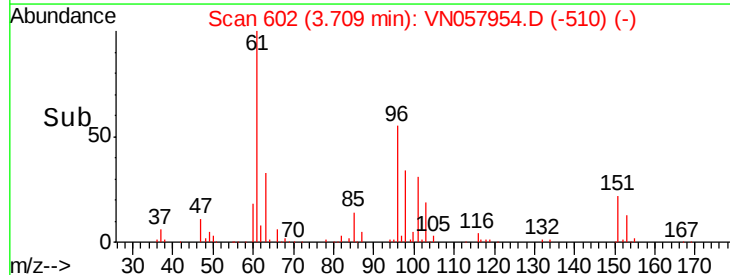
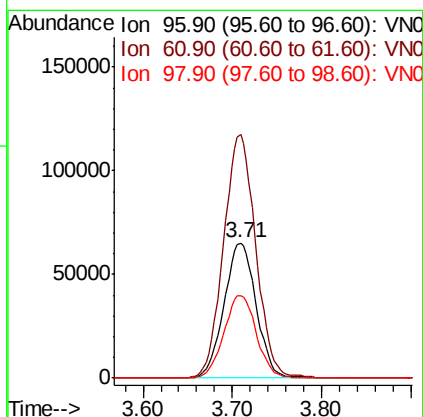
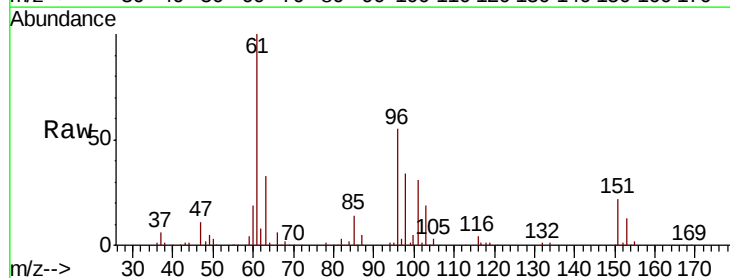
Tgt Ion: 59 Resp: 172419
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

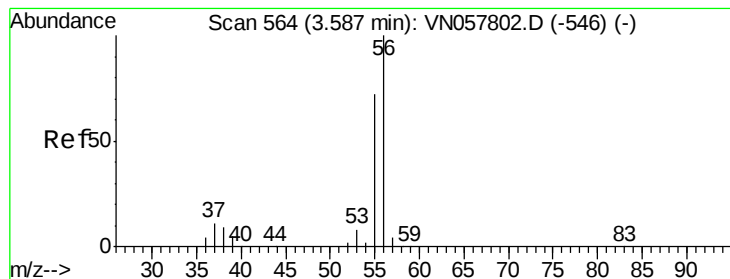


#12

1,1-Dichloroethene
Concen: 43.846 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 96 Resp: 162590
Ion Ratio Lower Upper
96 100
61 179.6 141.2 211.8
98 60.7 49.9 74.9





#13

Acrolein

Concen: 203.920 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

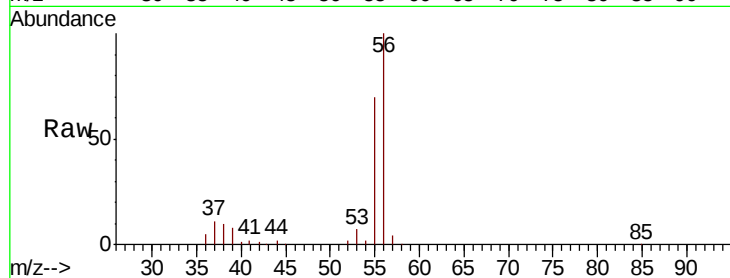
VSTDCCC050

Tgt Ion: 56 Resp: 147692

Ion Ratio Lower Upper

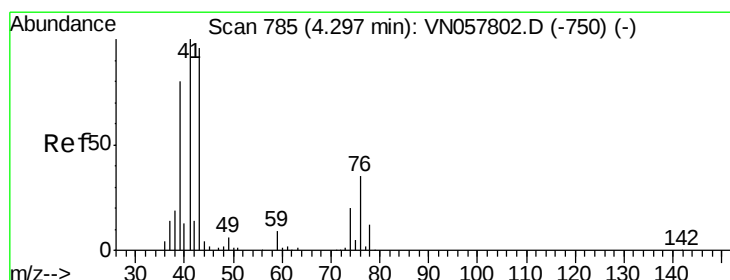
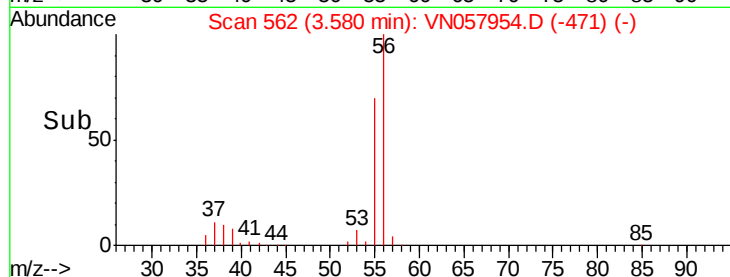
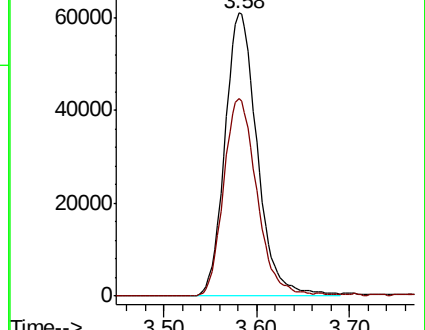
56 100

55 71.5 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN057802.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN057802.D (-546) (-)



#14

Allyl chloride

Concen: 44.159 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

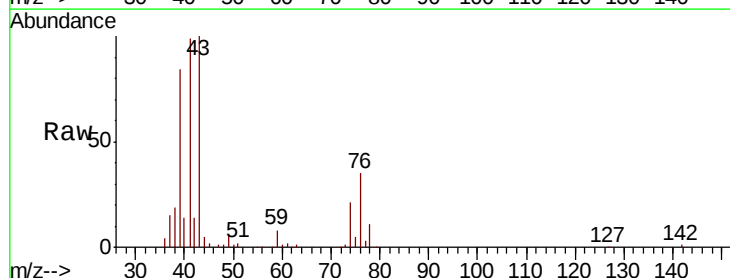
Tgt Ion: 41 Resp: 320461

Ion Ratio Lower Upper

41 100

39 76.5 59.4 89.2

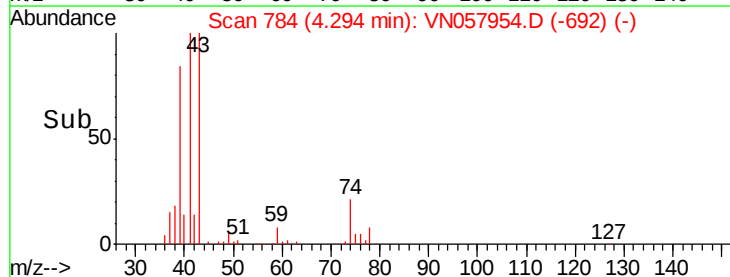
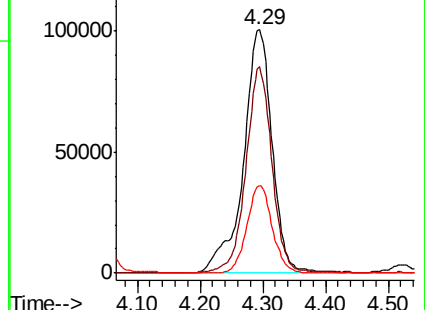
76 31.8 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN057802.D (-750) (-)





#15

Acrylonitrile

Concen: 226.439 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

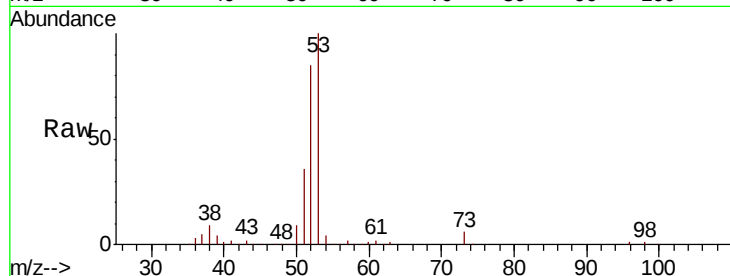
Tgt Ion: 53 Resp: 531325

Ion Ratio Lower Upper

53 100

52 84.7 66.6 100.0

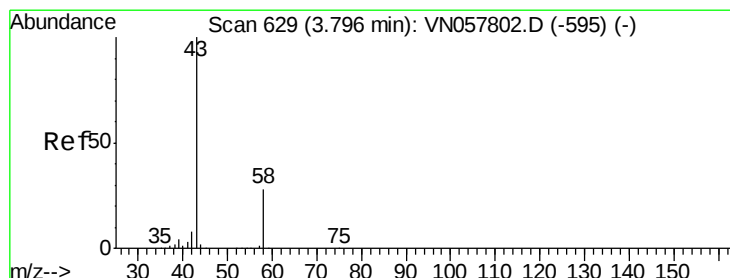
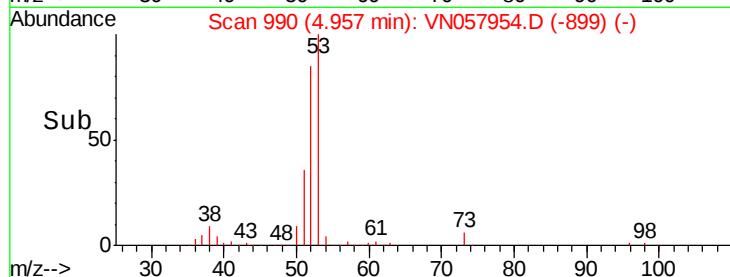
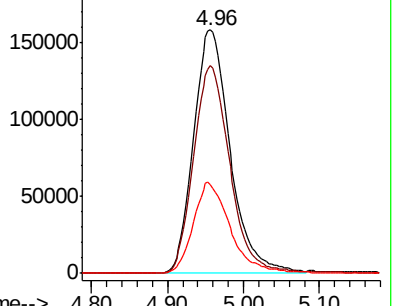
51 37.9 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN057802.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN057802.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN057802.D (-969) (-)



#16

Acetone

Concen: 263.126 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057954.D

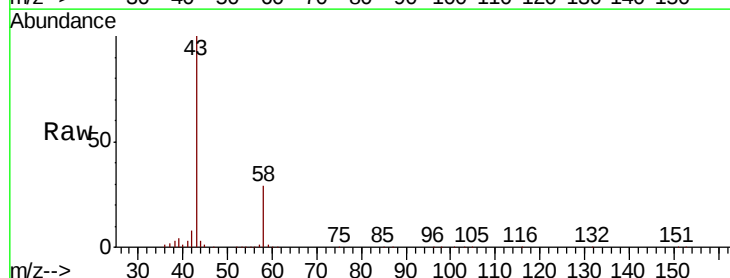
Acq: 12 Sep 2019 8:54

Tgt Ion: 43 Resp: 608409

Ion Ratio Lower Upper

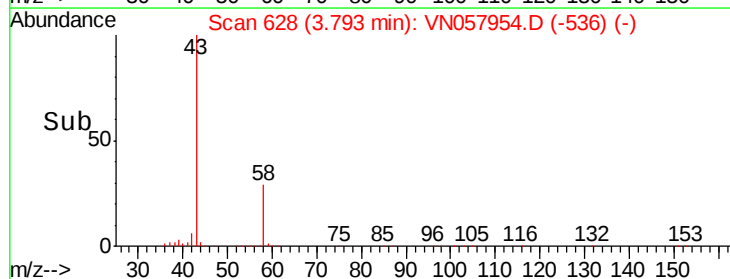
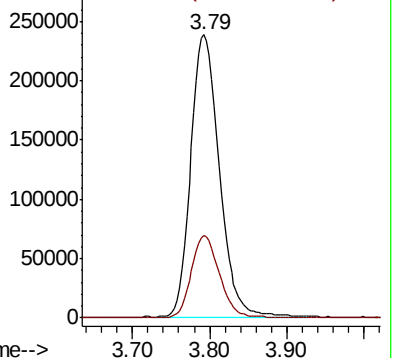
43 100

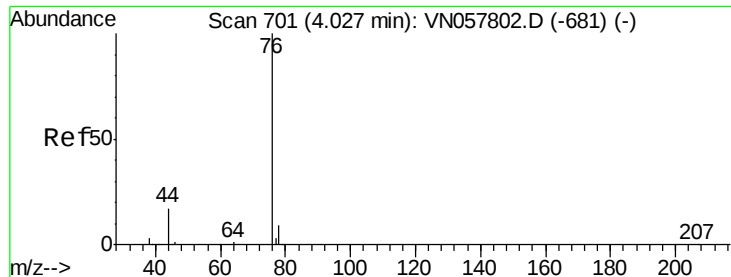
58 29.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

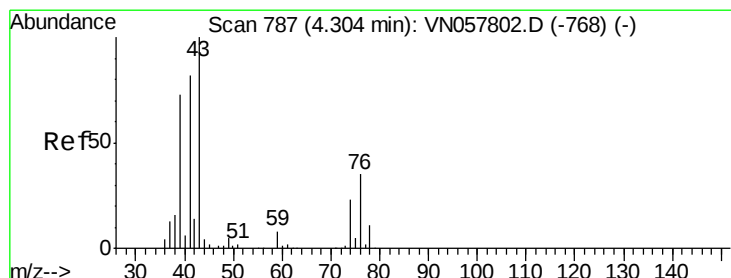
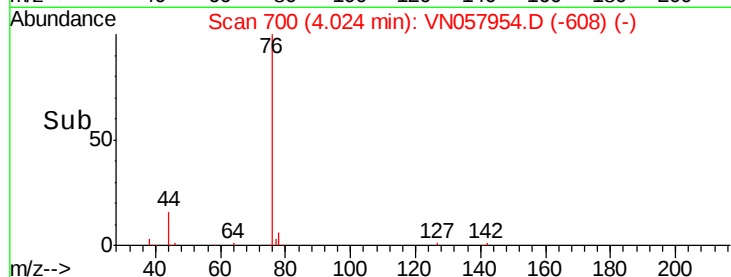
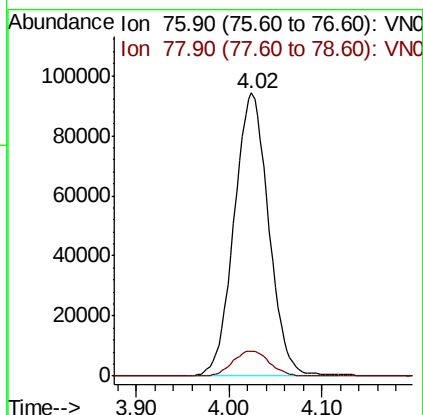
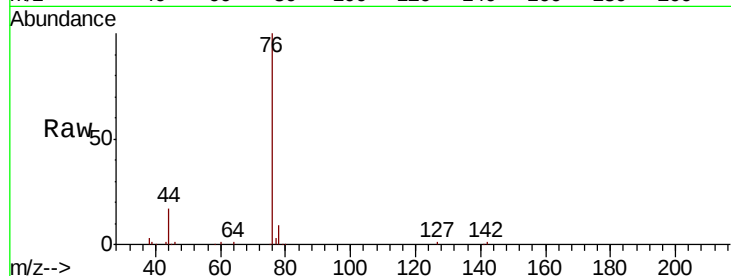




#17
Carbon Disulfide
Concen: 42.318 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

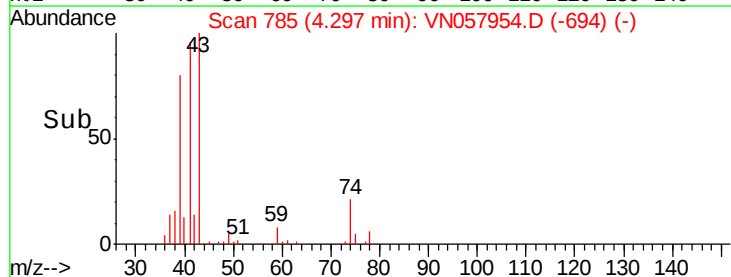
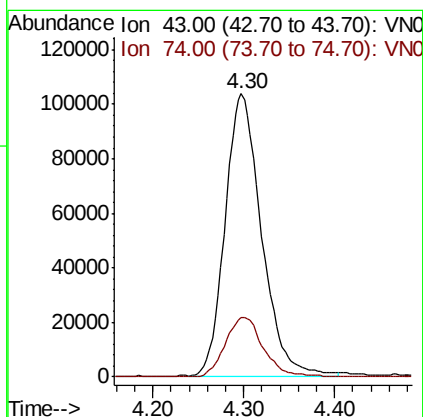
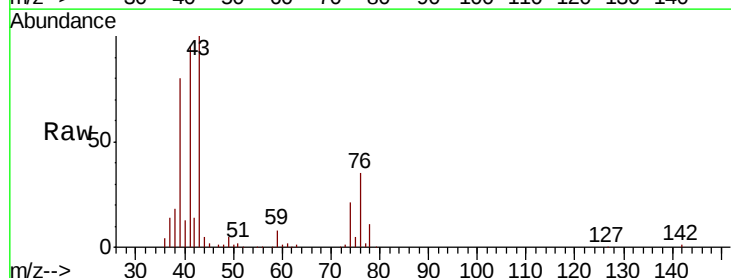
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

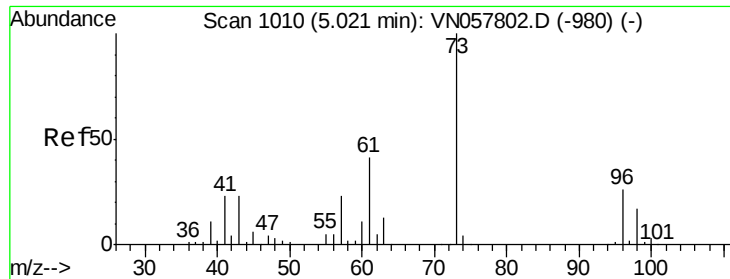
Tgt Ion: 76 Resp: 244091
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 46.490 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.01 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 43 Resp: 286618
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9

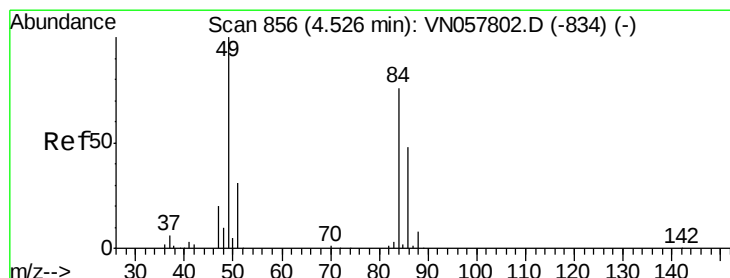
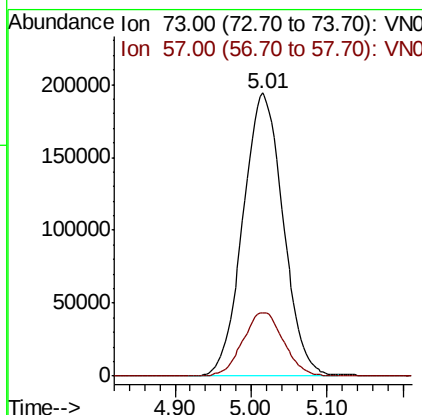
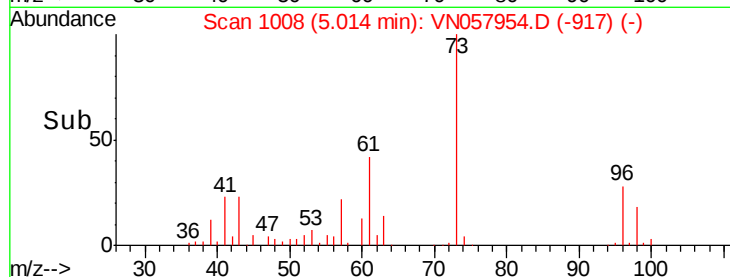
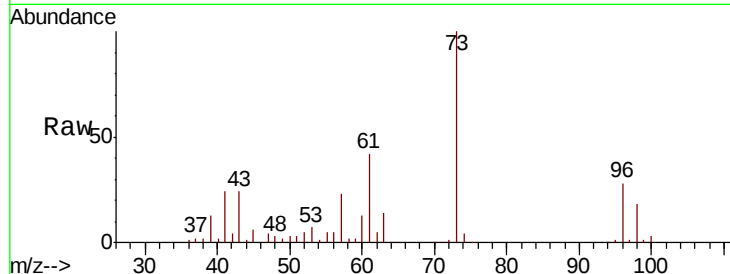




#19
Methyl tert-butyl Ether
Concen: 46.273 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

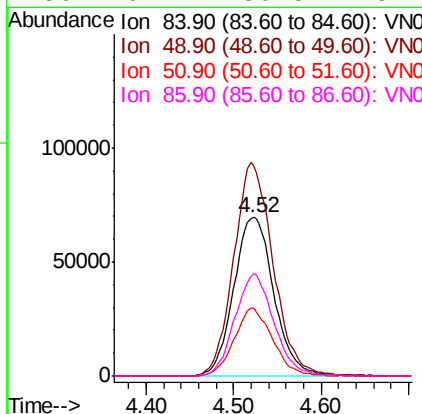
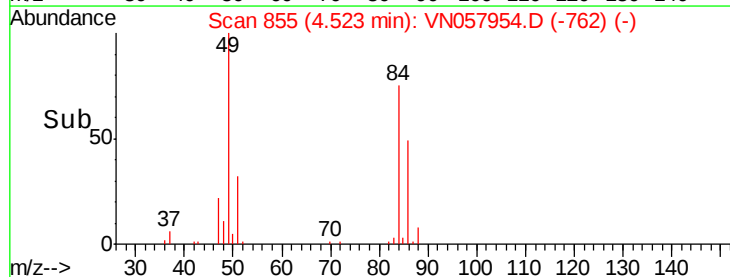
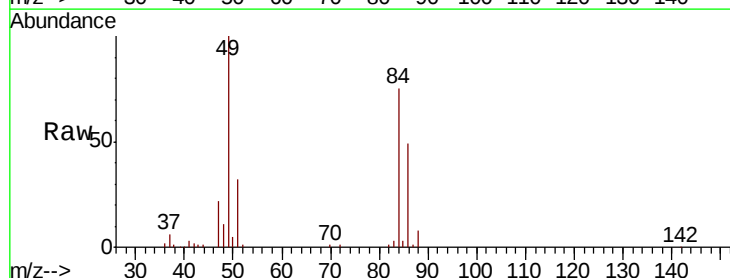
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

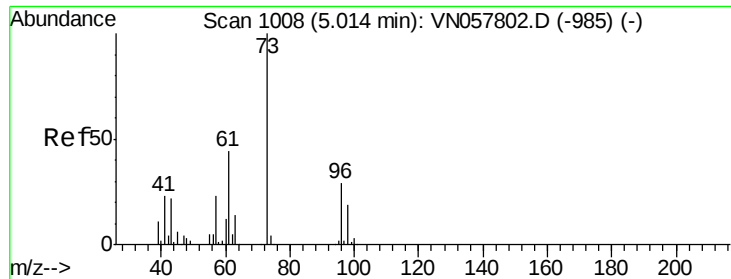
Tgt Ion: 73 Resp: 714095
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.2



#20
Methylene Chloride
Concen: 50.319 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 84 Resp: 221462
Ion Ratio Lower Upper
84 100
49 132.8 104.8 157.2
51 42.8 33.0 49.4
86 64.7 50.5 75.7

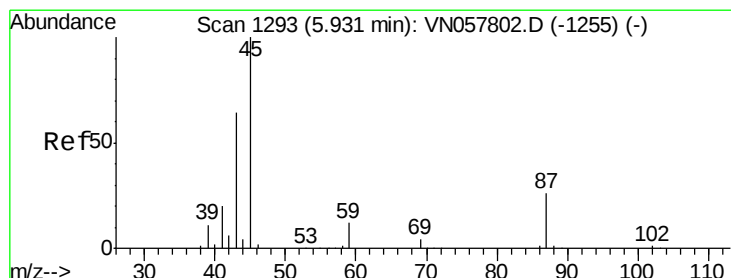
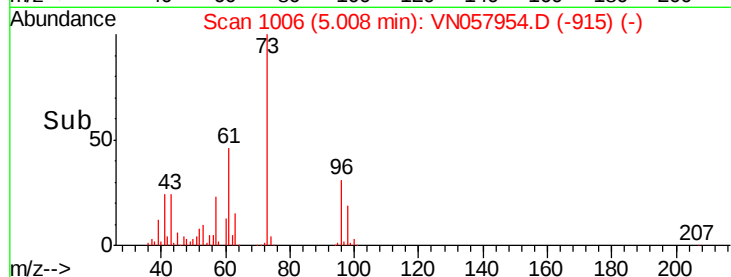
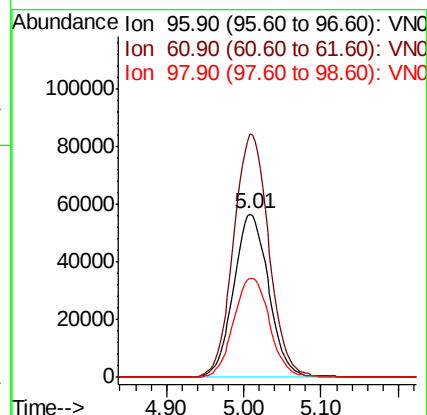
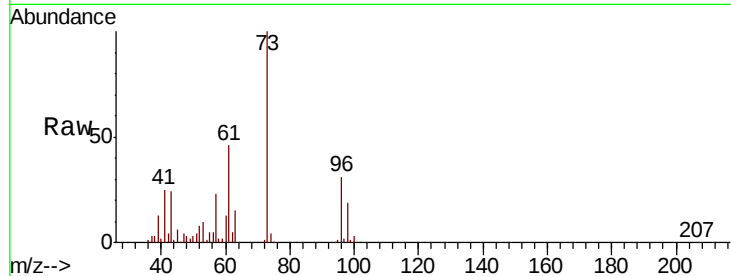




#21
trans-1,2-Dichloroethene
Concen: 44.658 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

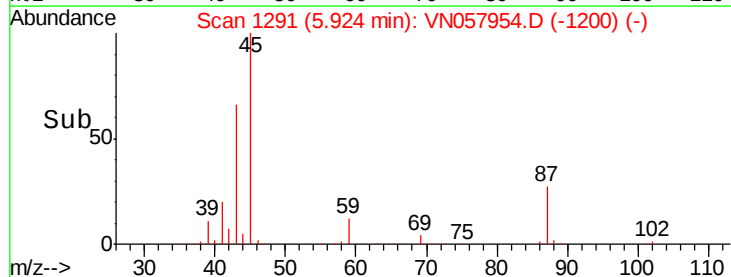
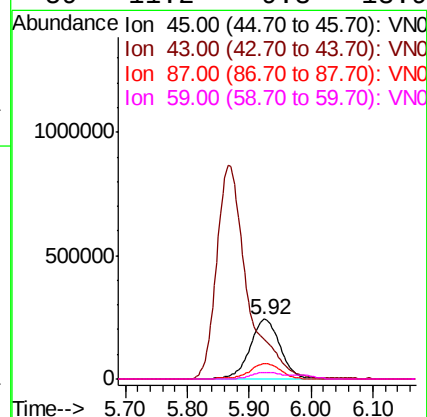
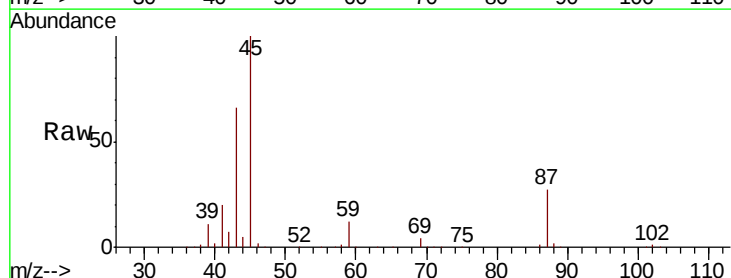
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

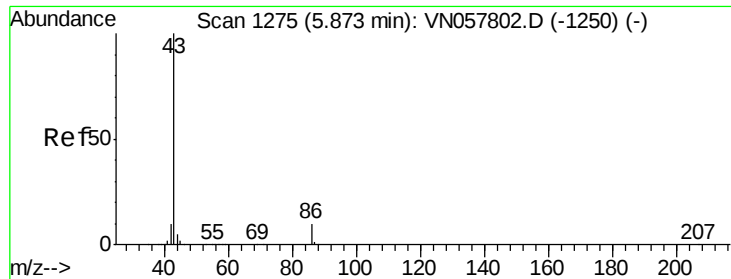
Tgt Ion: 96 Resp: 179015
Ion Ratio Lower Upper
96 100
61 148.7 121.9 182.9
98 60.7 52.2 78.4



#22
Diisopropyl ether
Concen: 48.470 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 45 Resp: 824873
Ion Ratio Lower Upper
45 100
43 64.7 51.4 77.2
87 26.6 21.3 31.9
59 11.2 9.3 13.9

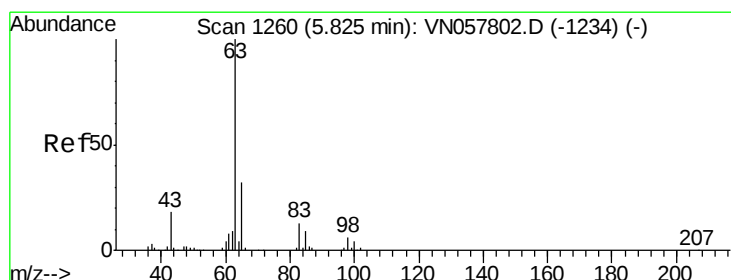
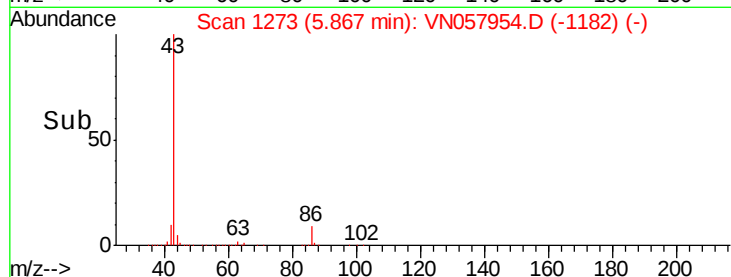
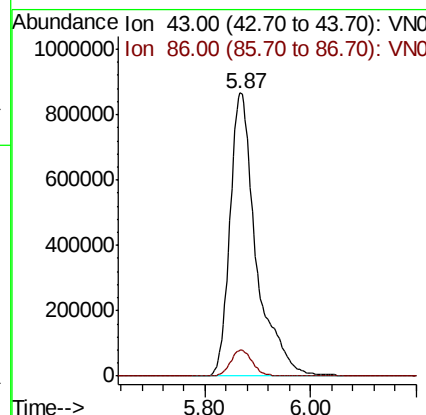
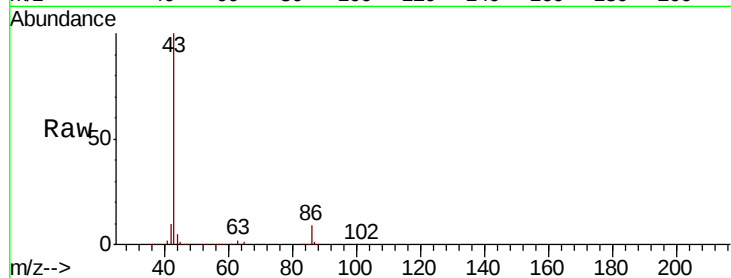




#23
 Vinyl Acetate
 Concen: 247.239 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

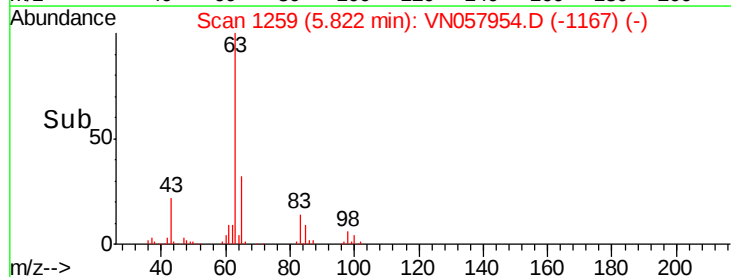
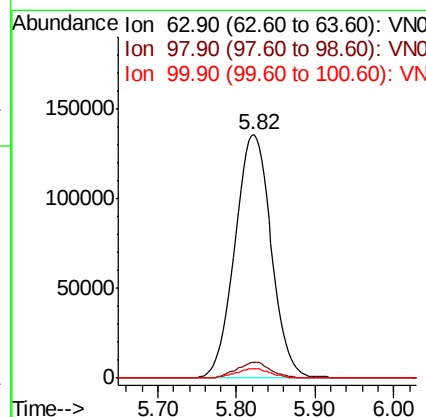
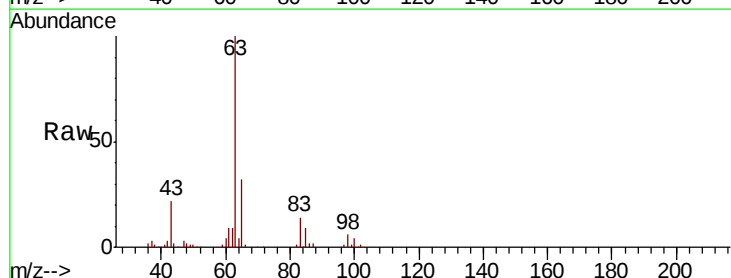
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

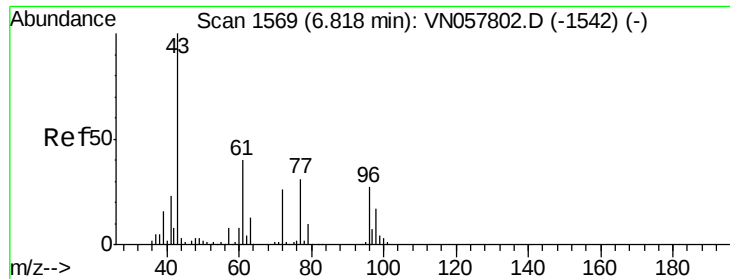
Tgt Ion: 43 Resp: 2981901
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 47.235 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 63 Resp: 439326
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 243.221 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

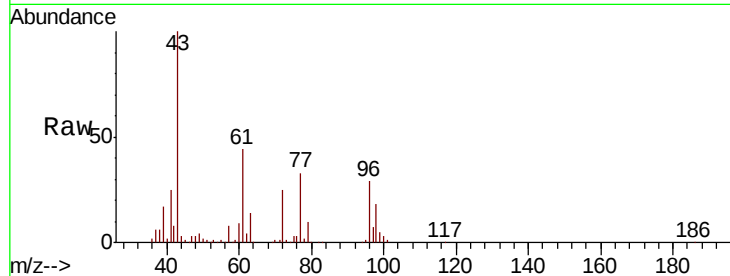
VSTDCCC050

Tgt Ion: 43 Resp: 813967

Ion Ratio Lower Upper

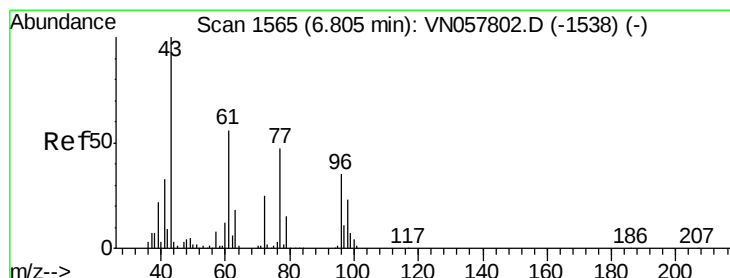
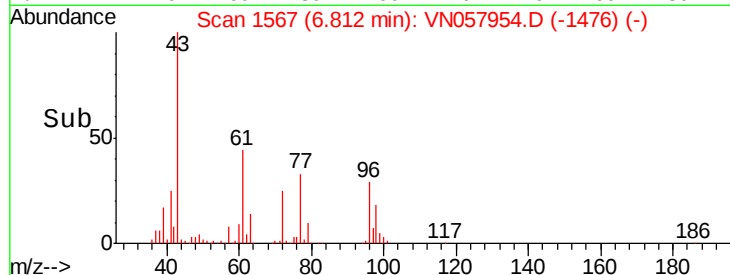
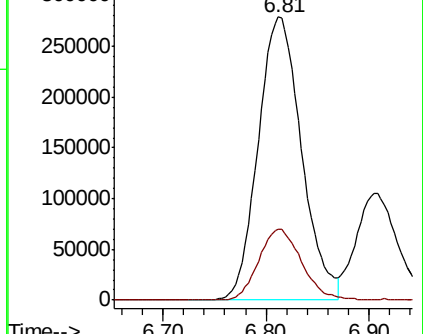
43 100

72 25.3 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 47.343 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN057954.D

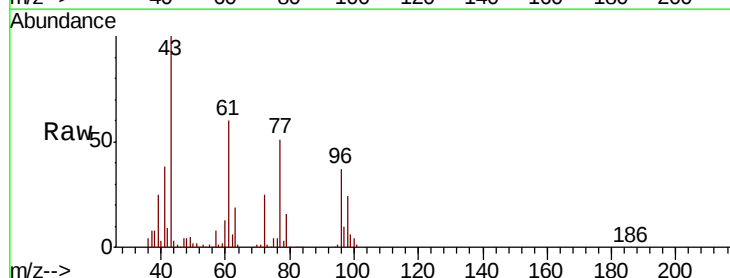
Acq: 12 Sep 2019 8:54

Tgt Ion: 77 Resp: 348467

Ion Ratio Lower Upper

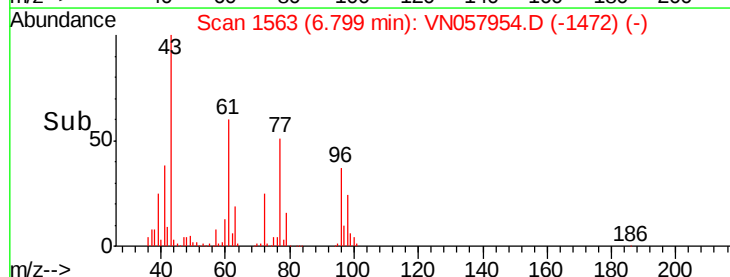
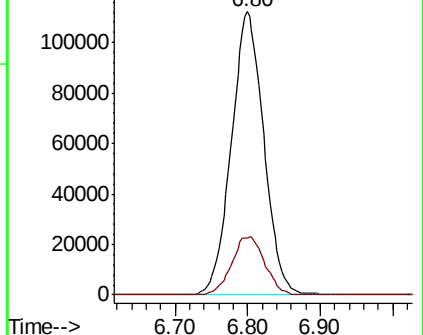
77 100

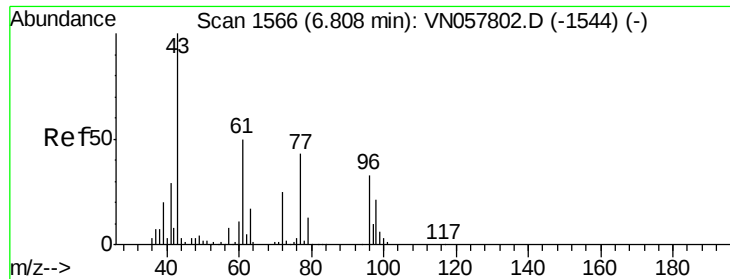
97 21.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

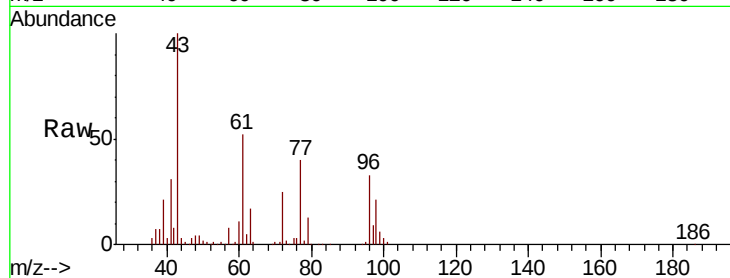




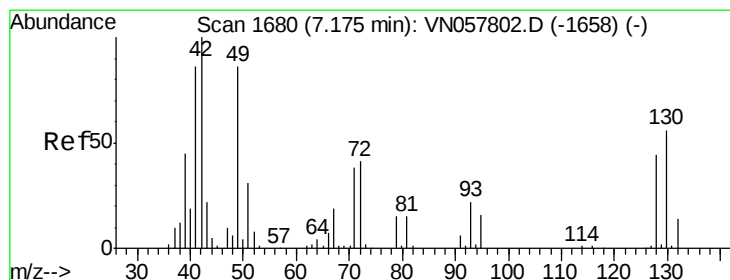
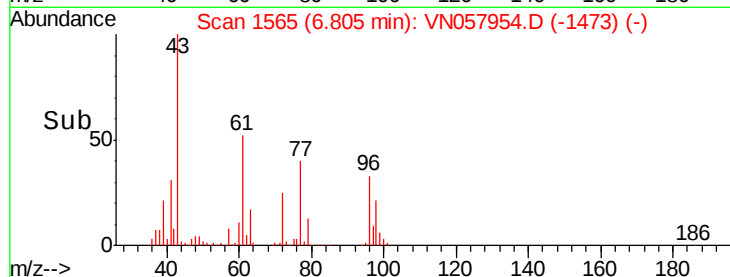
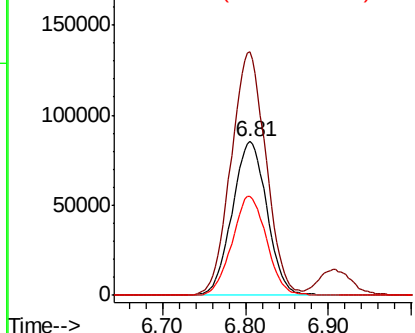
#27
 cis-1,2-Dichloroethene
 Concen: 46.431 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 249427
 Ion Ratio Lower Upper
 96 100
 61 158.9 0.0 314.0
 98 63.9 0.0 128.6

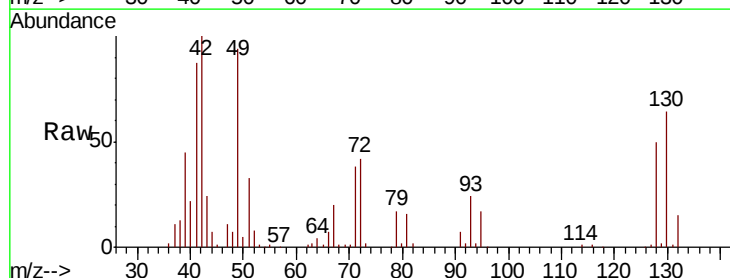


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

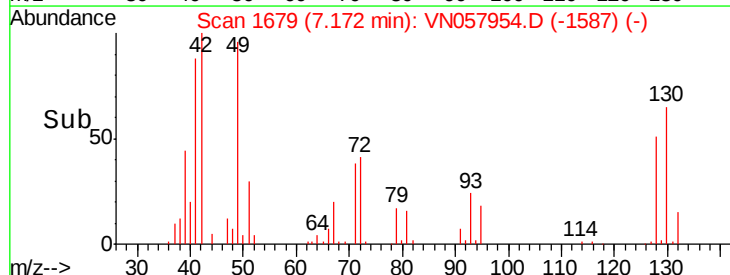
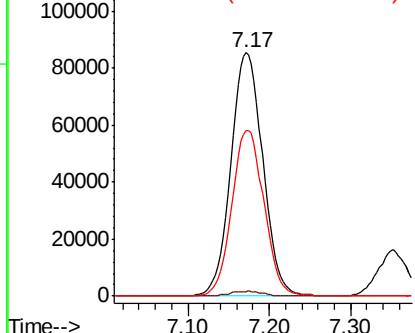


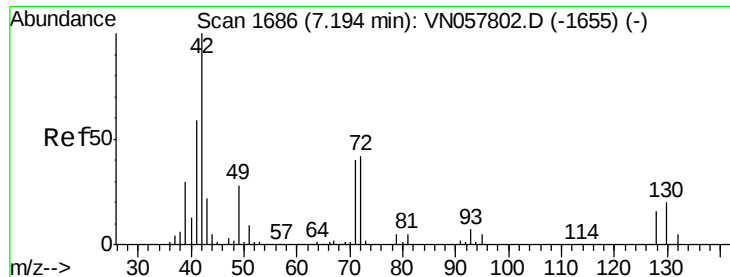
#28
 Bromochloromethane
 Concen: 50.219 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 49 Resp: 233347
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 68.1 53.0 79.6



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: 224.602 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

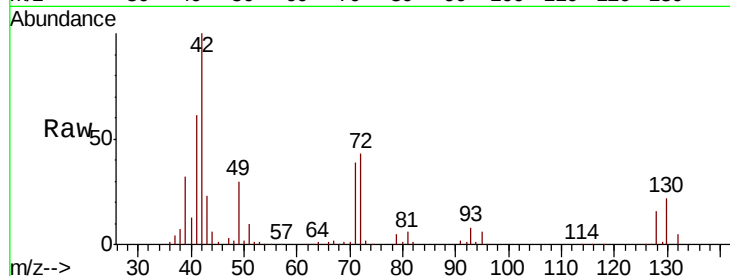
Tgt Ion: 42 Resp: 463174

Ion Ratio Lower Upper

42 100

72 41.8 33.7 50.5

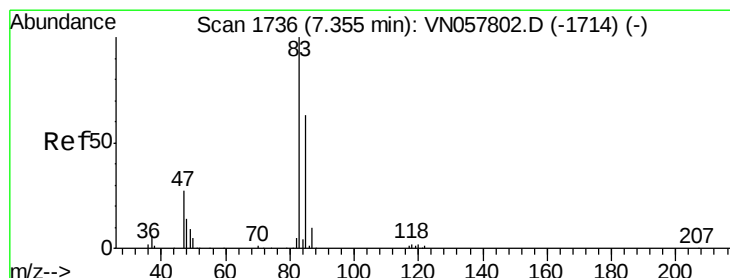
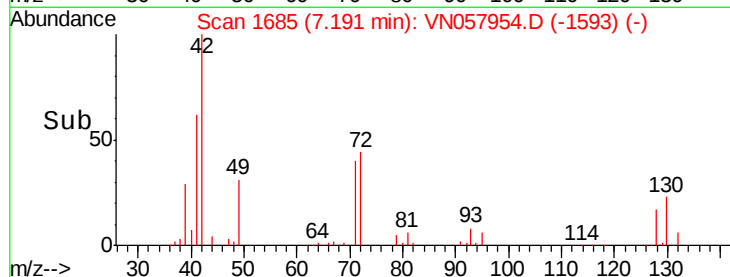
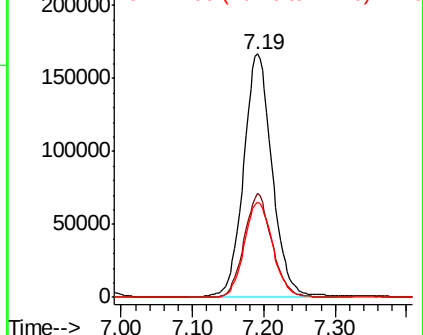
71 39.1 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.090 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN057954.D

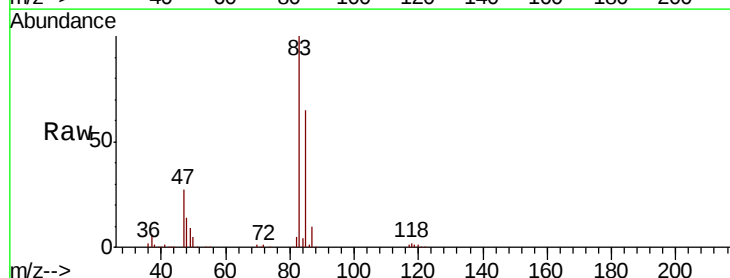
Acq: 12 Sep 2019 8:54

Tgt Ion: 83 Resp: 457942

Ion Ratio Lower Upper

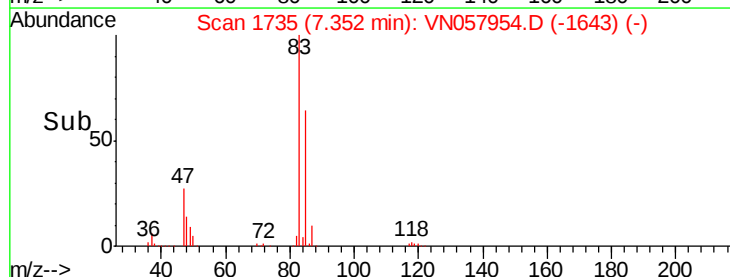
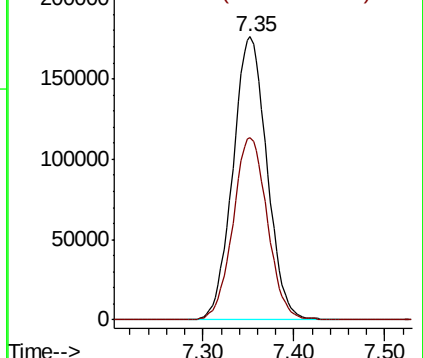
83 100

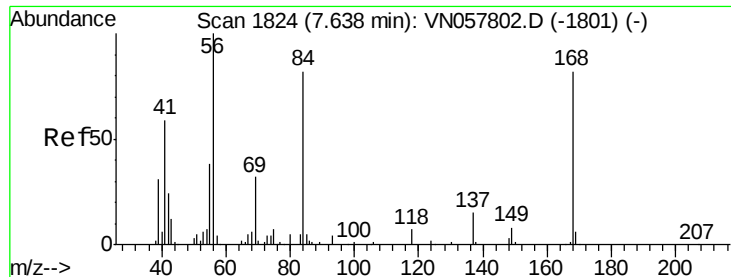
85 64.5 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

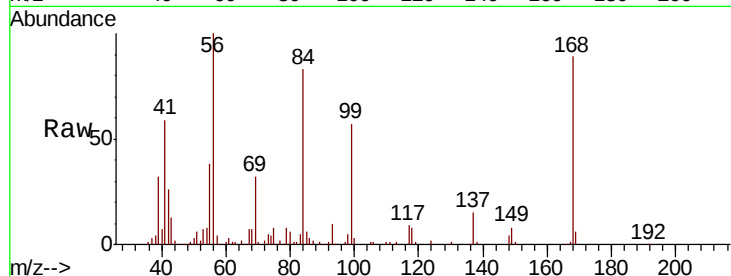




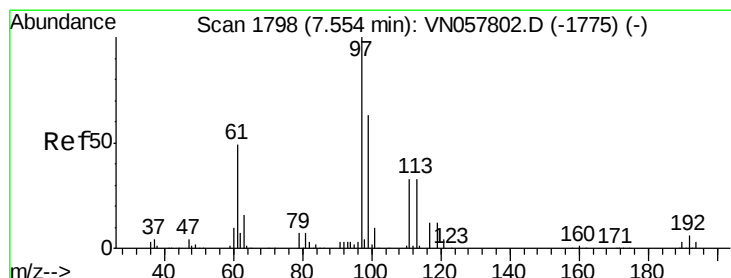
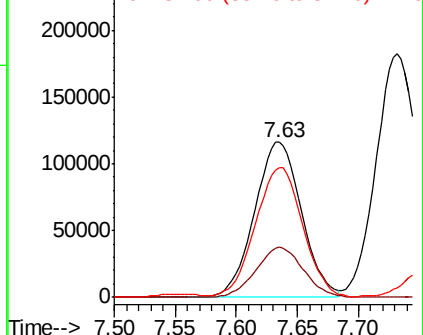
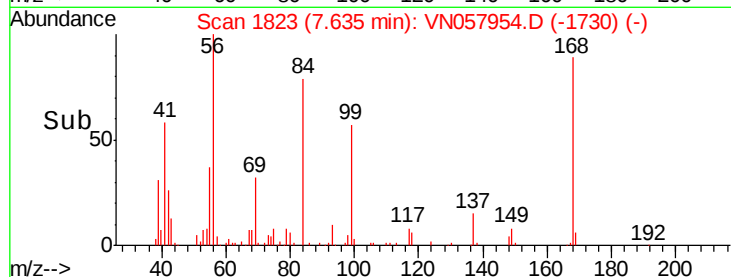
#31
Cyclohexane
Concen: 49.019 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 310968
Ion Ratio Lower Upper
56 100
69 32.2 25.9 38.9
84 81.3 65.6 98.4

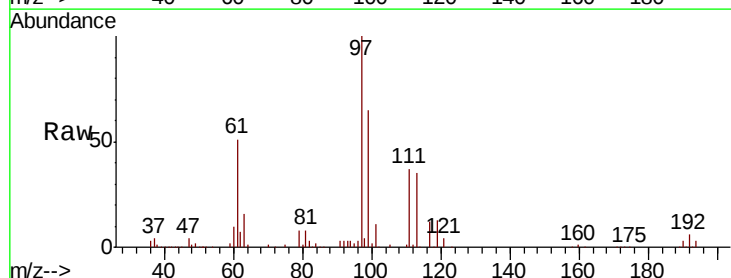


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

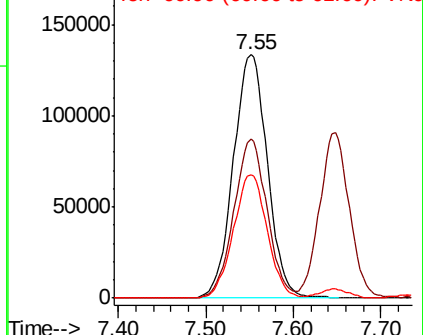
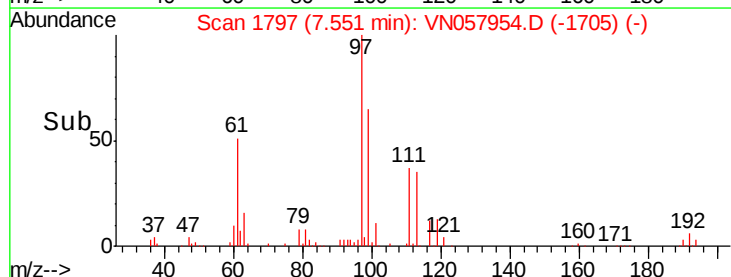


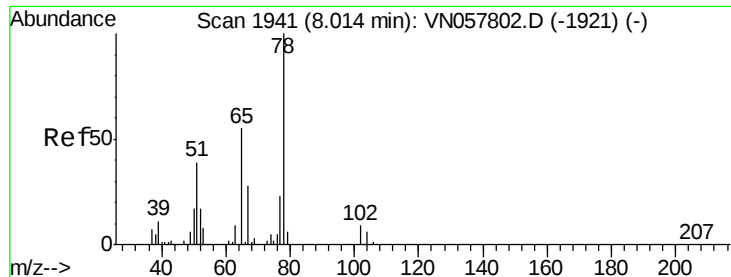
#32
1,1,1-Trichloroethane
Concen: 46.766 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 97 Resp: 360702
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 50.5 39.0 58.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

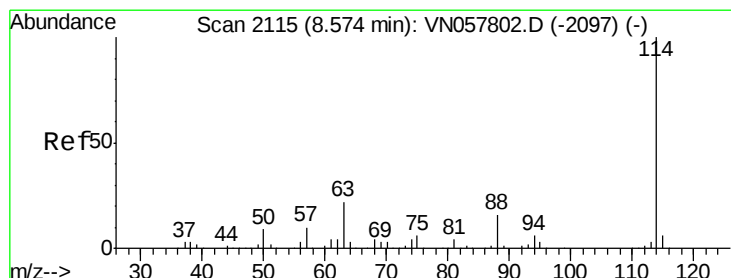
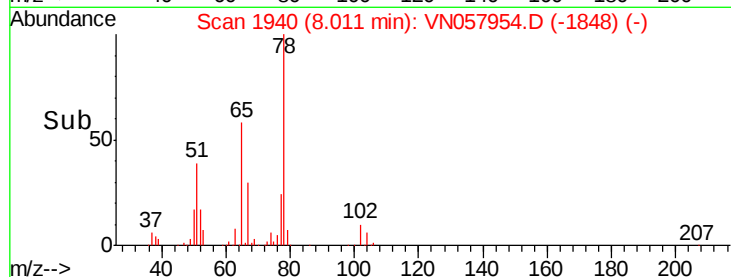
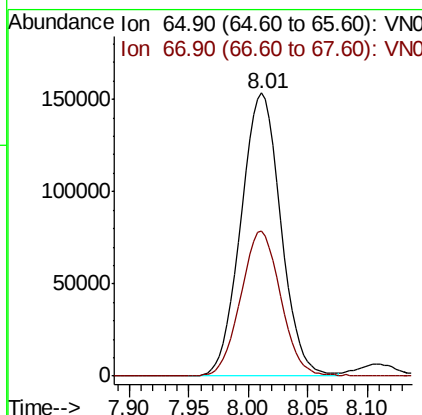
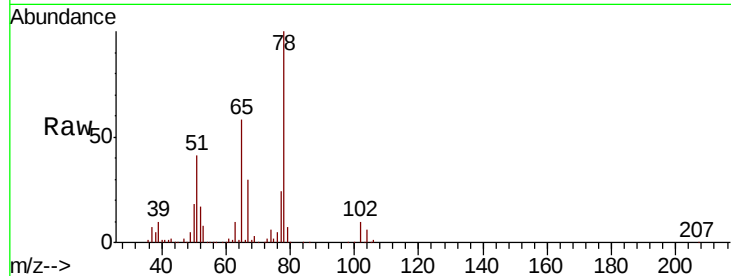




#33
 1,2-Dichloroethane-d4
 Concen: 50.635 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

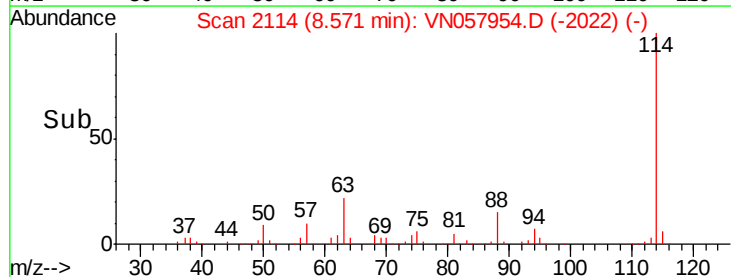
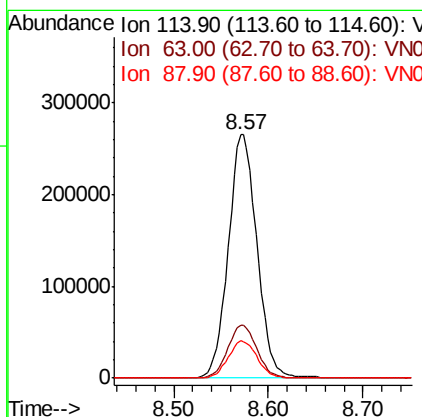
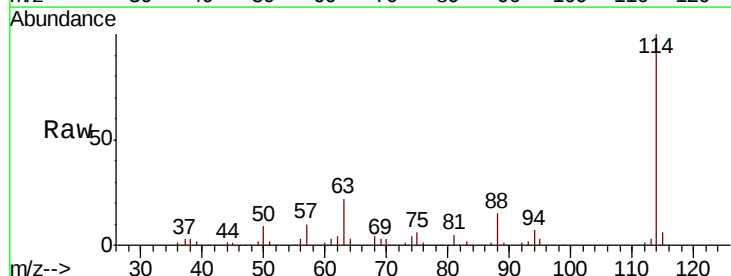
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

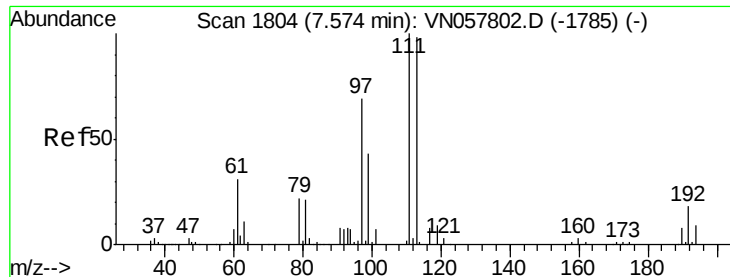
Tgt Ion: 65 Resp: 357146
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 114 Resp: 558017
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.001 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

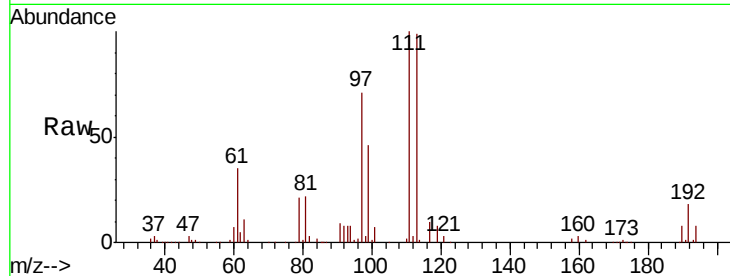
Tgt Ion: 113 Resp: 257521

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

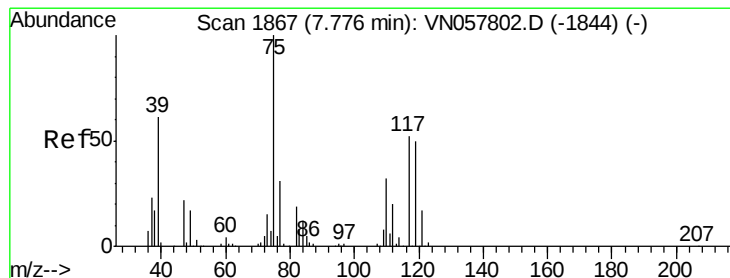
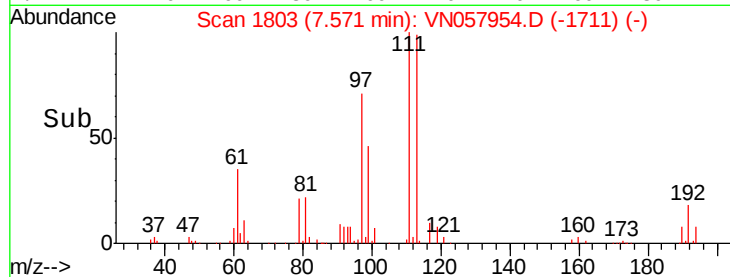
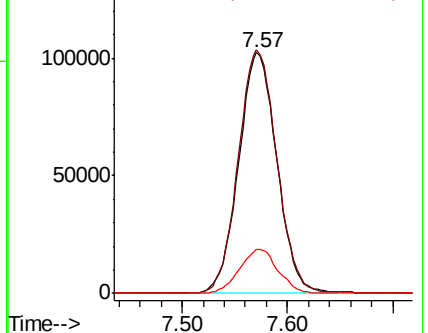
192 18.4 14.6 22.0



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: 45.575 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

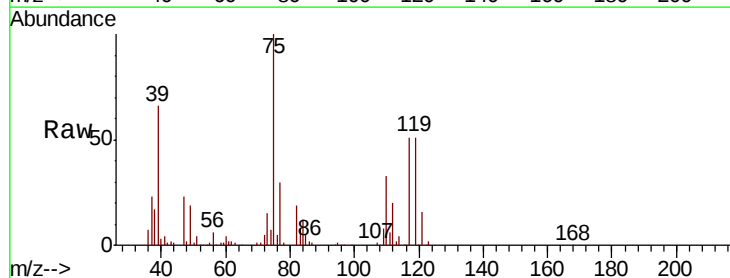
Tgt Ion: 75 Resp: 294939

Ion Ratio Lower Upper

75 100

110 32.5 16.3 48.9

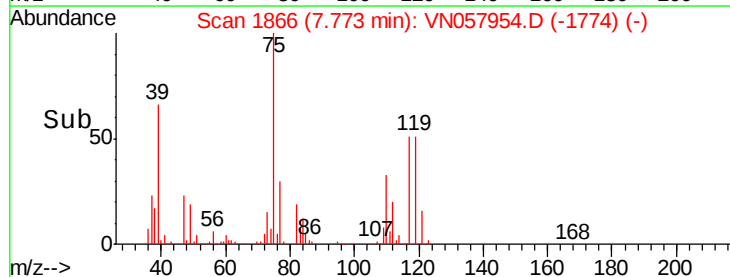
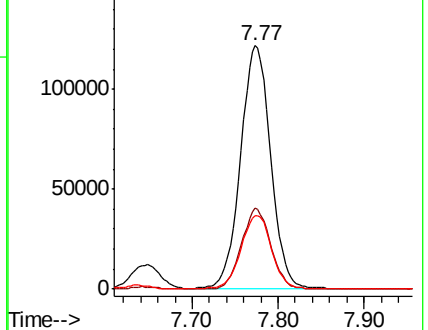
77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

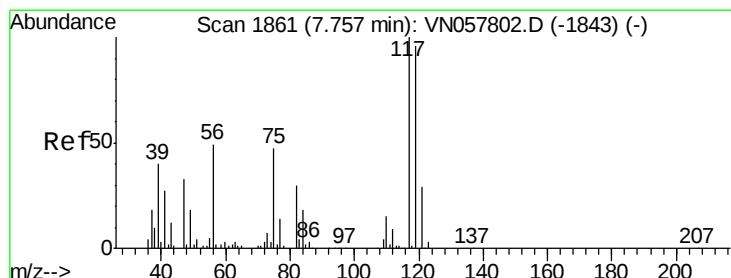
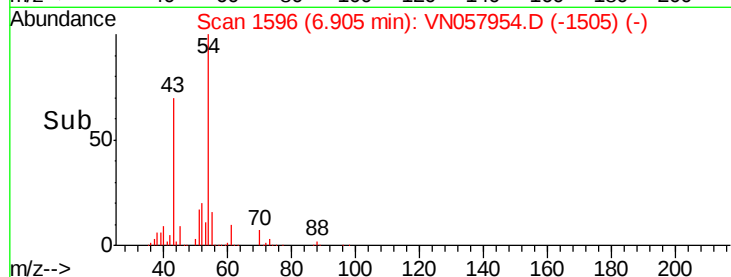
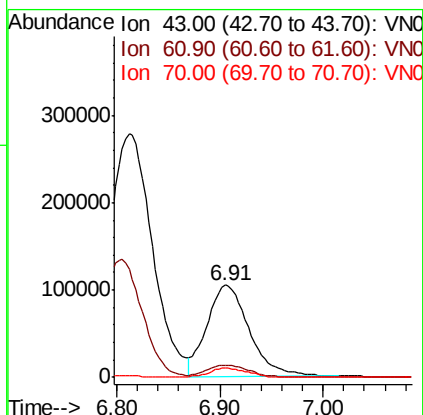
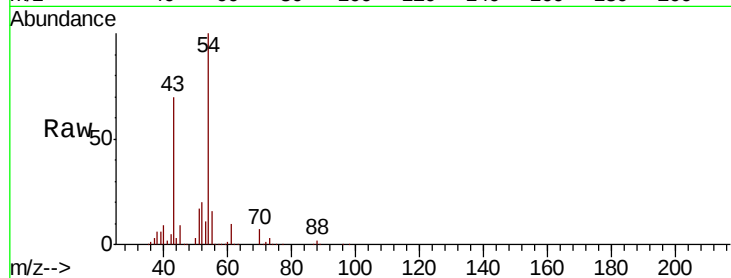




#37
 Ethyl Acetate
 Concen: 44.673 ug/l
 RT: 6.91 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

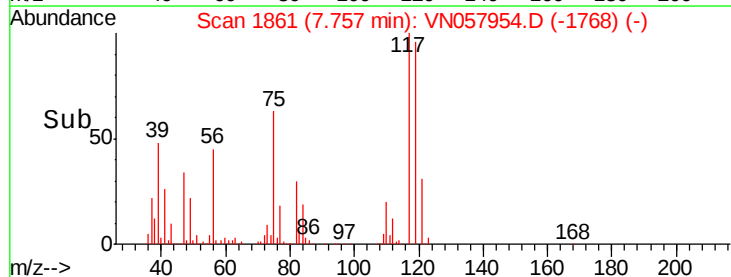
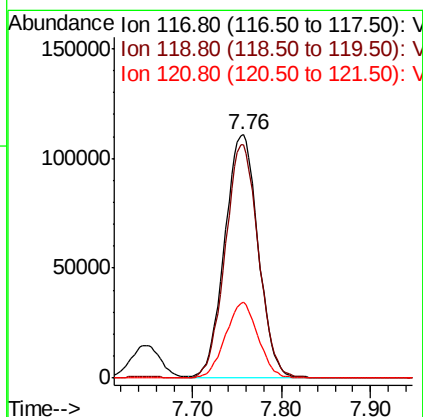
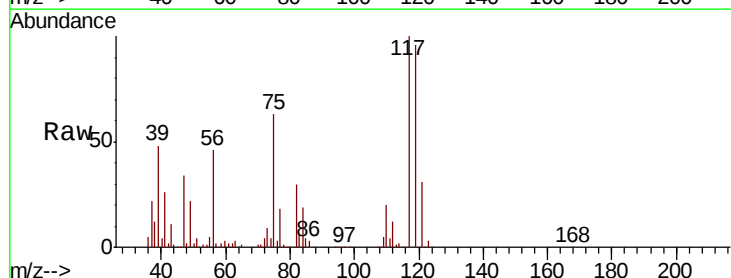
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

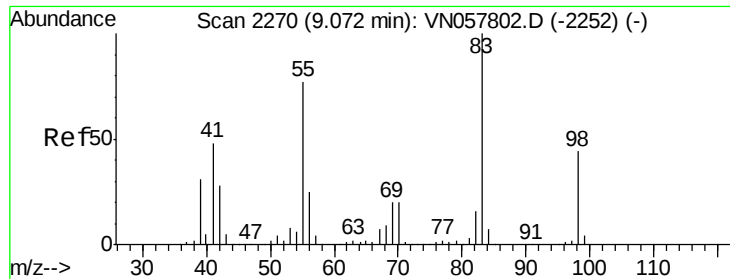
Tgt Ion: 43 Resp: 298699
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.5 15.7
 70 9.2 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 48.862 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 117 Resp: 288701
 Ion Ratio Lower Upper
 117 100
 119 95.4 76.9 115.3
 121 31.2 23.4 35.2

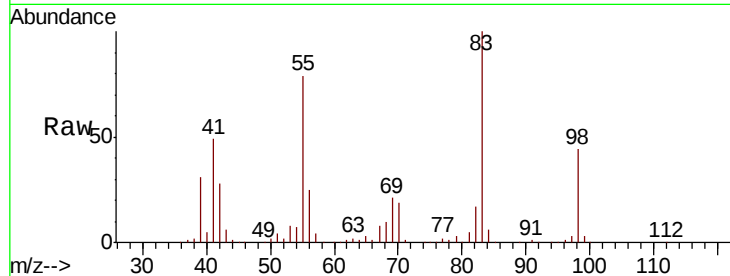




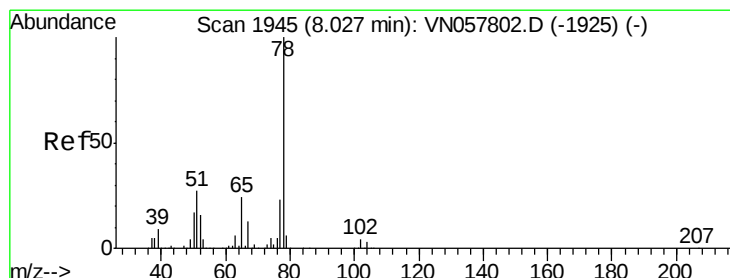
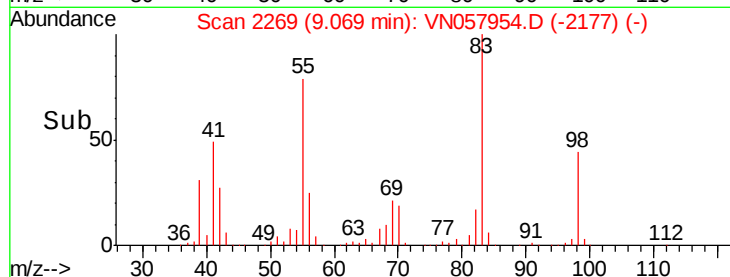
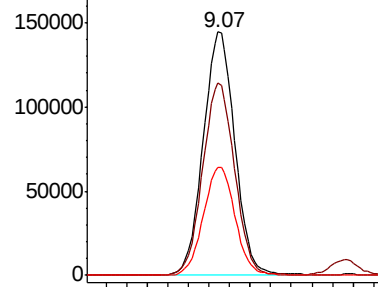
#39
Methylcyclohexane
Concen: 45.438 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 309115
Ion Ratio Lower Upper
83 100
55 79.2 61.6 92.4
98 44.4 34.9 52.3

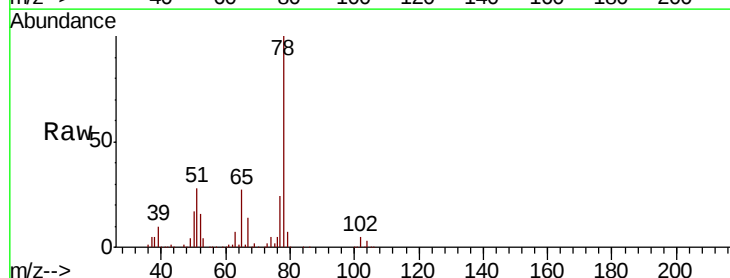


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

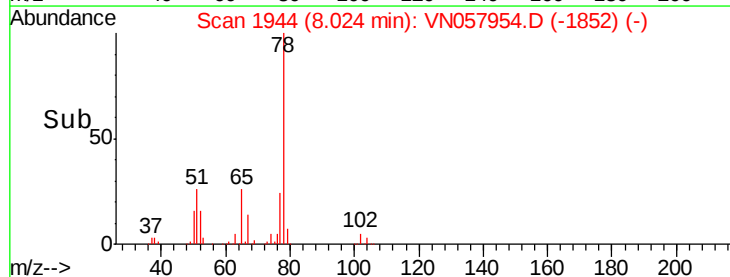
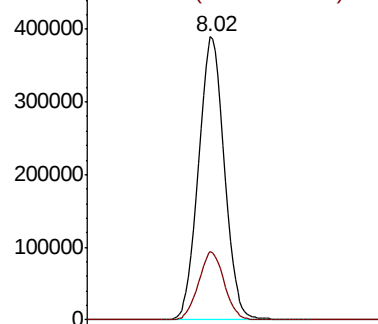


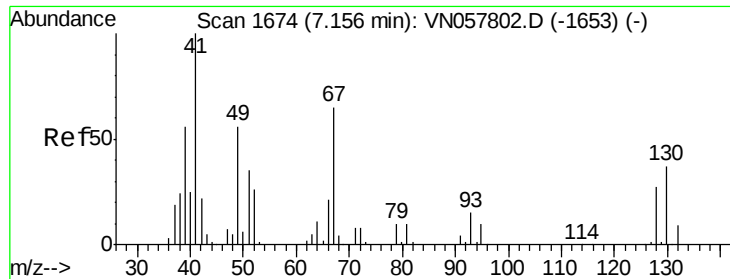
#40
Benzene
Concen: 47.359 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 78 Resp: 922717
Ion Ratio Lower Upper
78 100
77 24.3 18.3 27.5



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

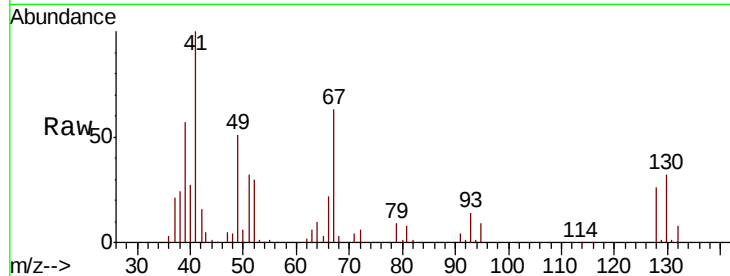




#41
Methacrylonitrile
Concen: 43.172 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	131033
Ion	Ratio	Lower	Upper
41	100		
39	69.6	51.0	76.6
67	93.8	70.7	106.1
52	41.7	30.8	46.2



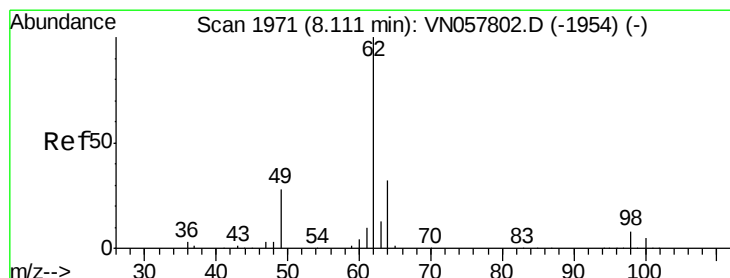
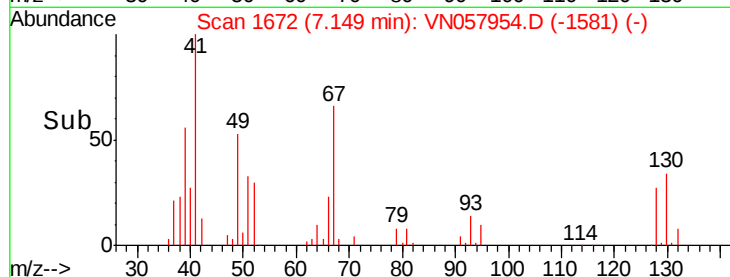
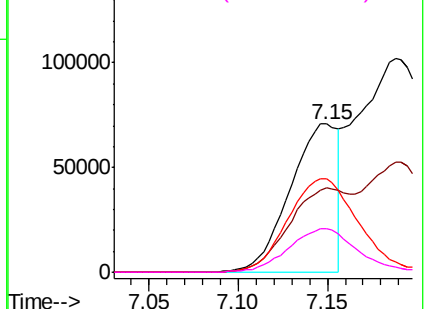
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

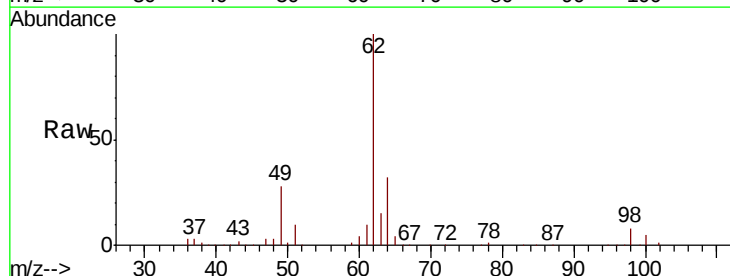
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 47.962 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

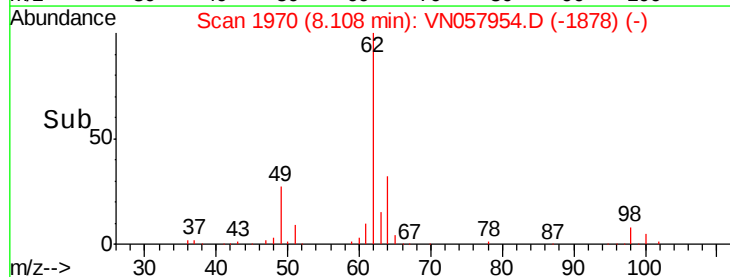
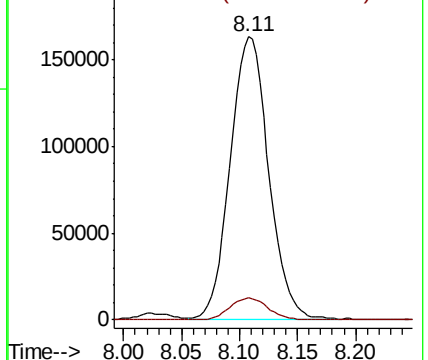
Tgt Ion:	62	Resp:	373730
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8

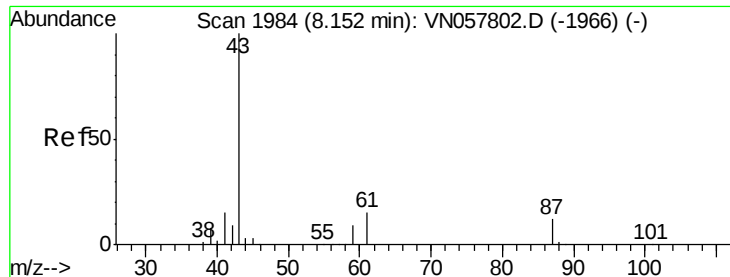


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 46.928 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

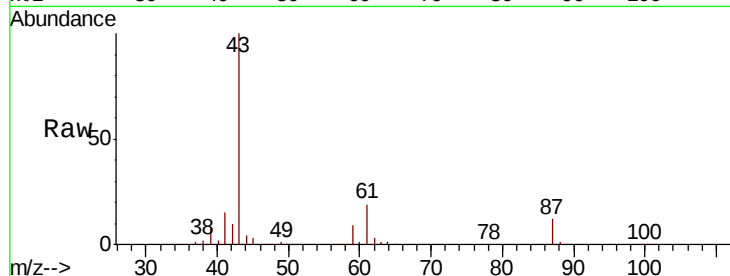
Tgt Ion: 43 Resp: 527662

Ion Ratio Lower Upper

43 100

61 25.5 20.1 30.1

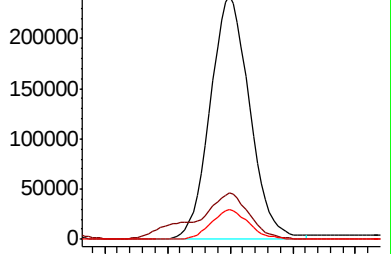
87 11.8 9.5 14.3



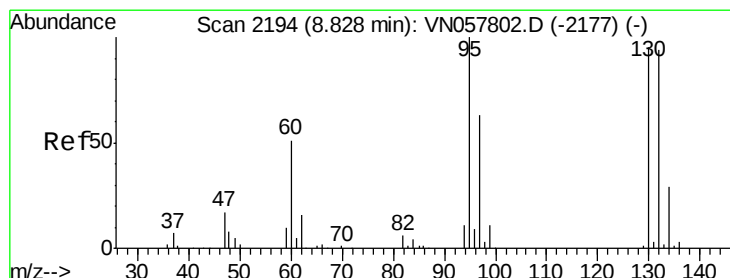
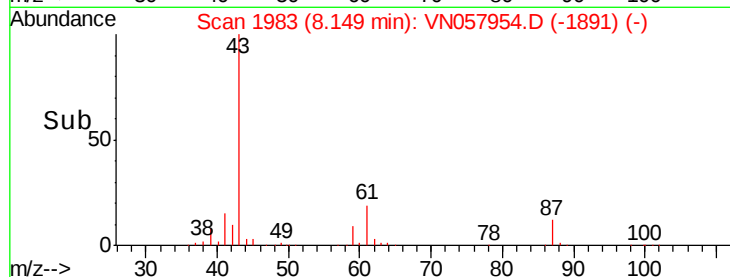
Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



Time-->



#44

Trichloroethene

Concen: 46.865 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057954.D

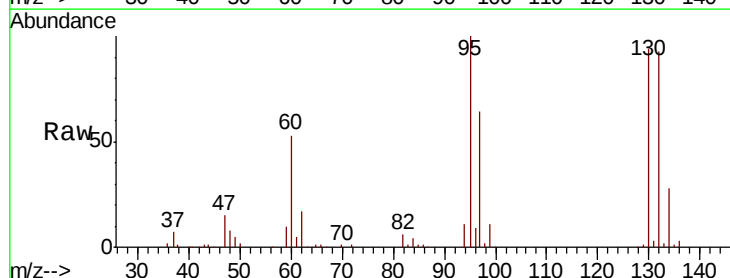
Acq: 12 Sep 2019 8:54

Tgt Ion: 130 Resp: 223954

Ion Ratio Lower Upper

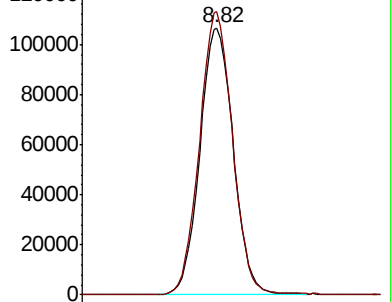
130 100

95 105.9 0.0 211.4

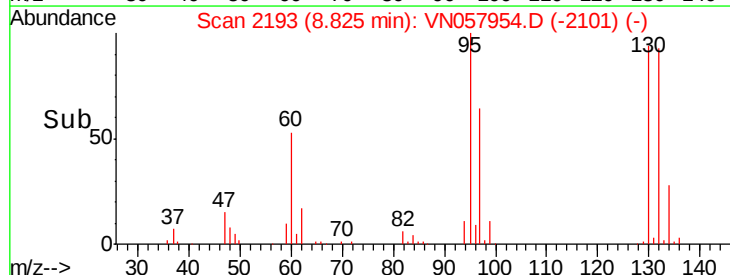


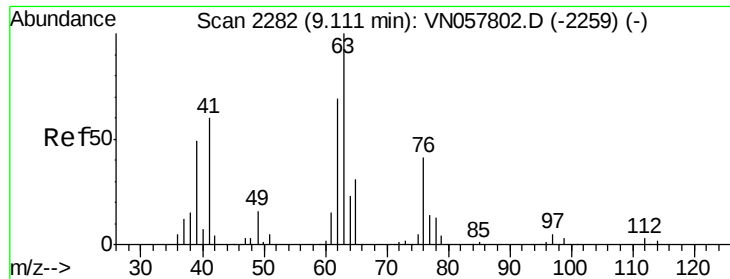
Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)



Time-->

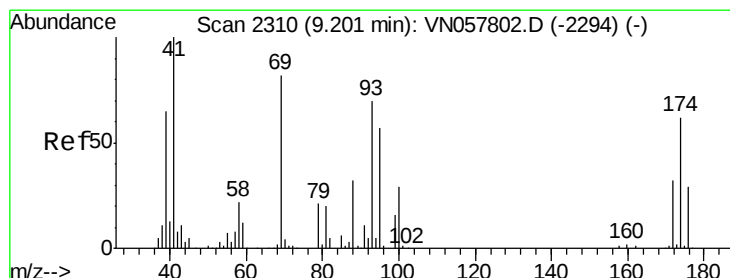
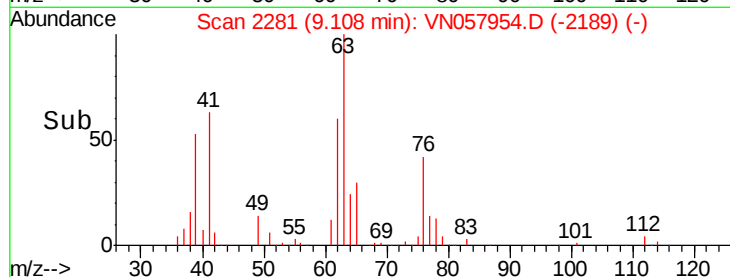
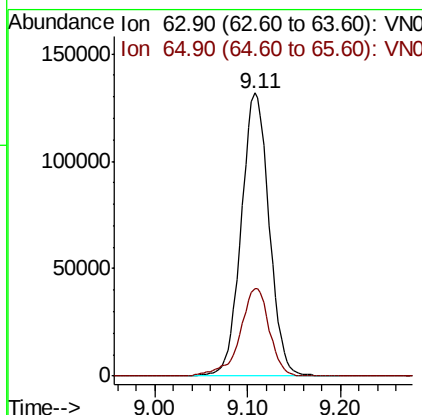
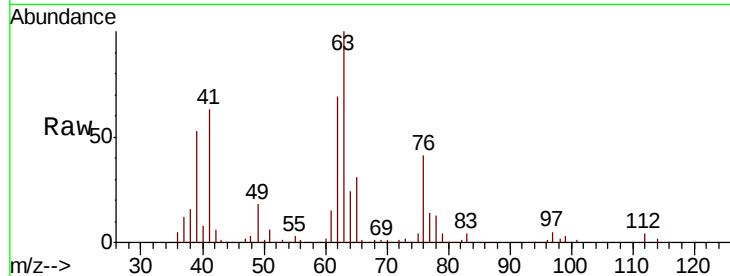




#45
 1,2-Dichloropropane
 Concen: 48.560 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

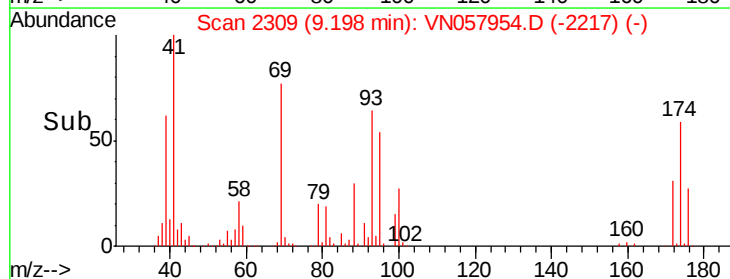
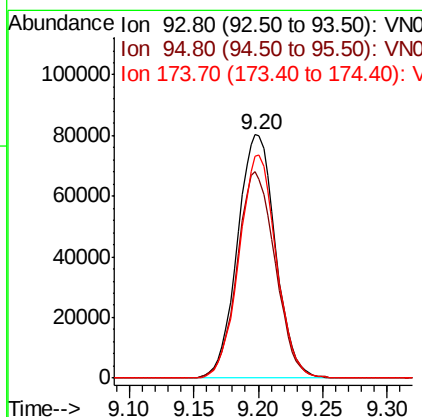
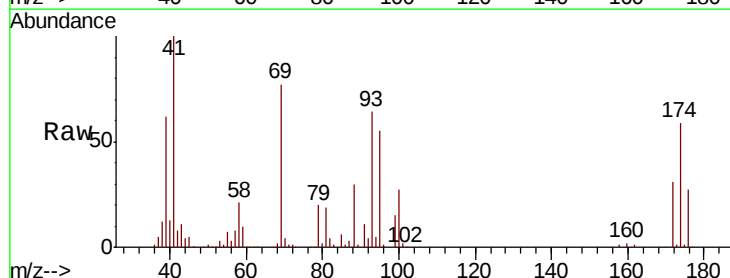
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

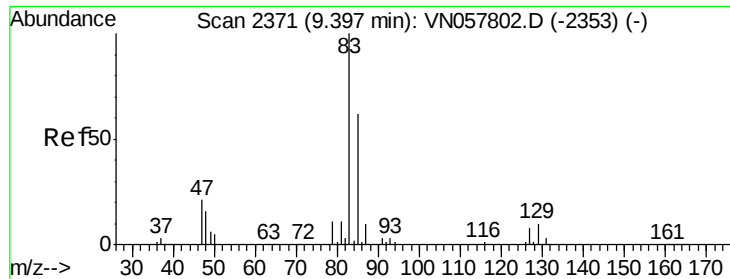
Tgt Ion: 63 Resp: 275305
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 48.152 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 93 Resp: 164965
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.9 98.9
 174 89.5 71.8 107.6





#47

Bromodichloromethane

Concen: 50.964 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

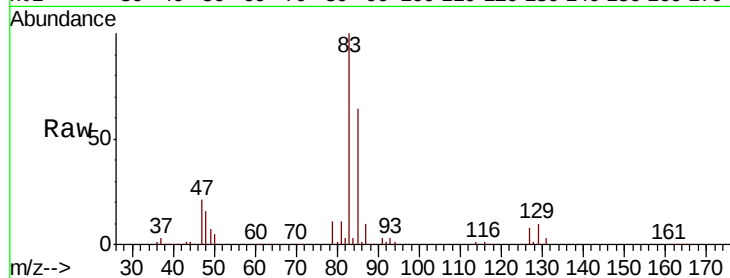
Tgt Ion: 83 Resp: 348655

Ion Ratio Lower Upper

83 100

85 64.3 49.9 74.9

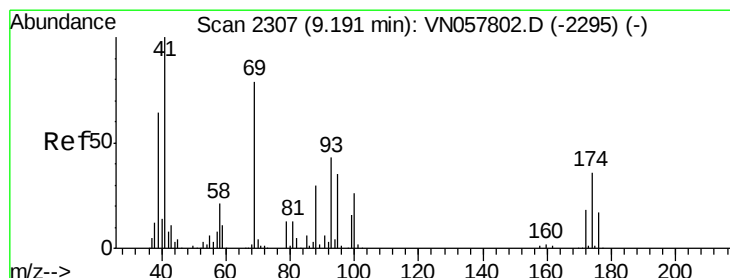
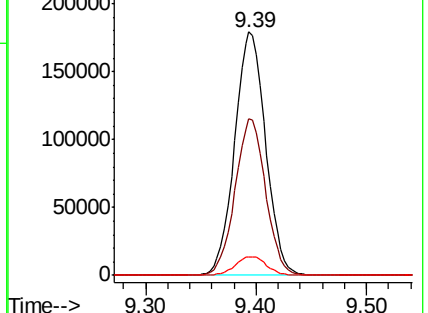
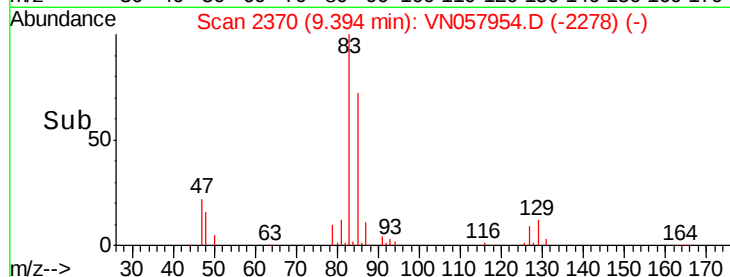
127 7.7 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN057802.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN057802.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN057802.D (-2353) (-)



#48

Methyl methacrylate

Concen: 47.159 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

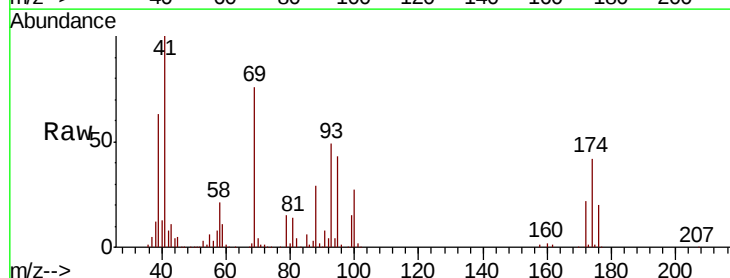
Tgt Ion: 41 Resp: 268986

Ion Ratio Lower Upper

41 100

69 78.0 62.7 94.1

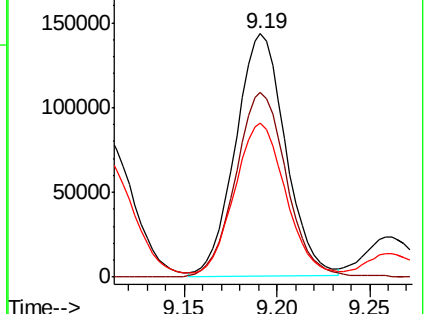
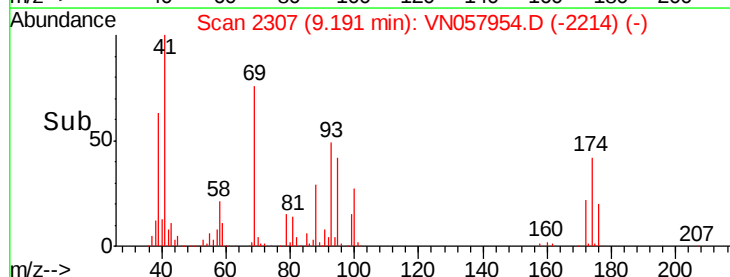
39 65.5 52.7 79.1

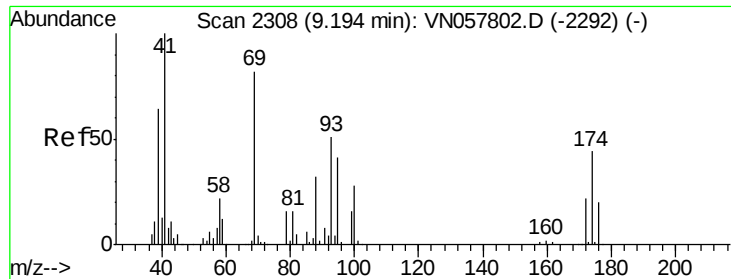


Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-2295) (-)

Ion 69.00 (68.70 to 69.70): VN057802.D (-2295) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-2295) (-)

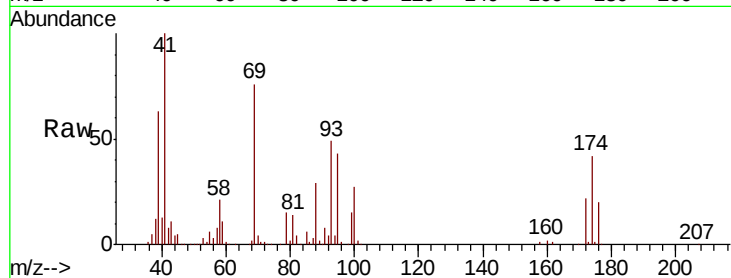




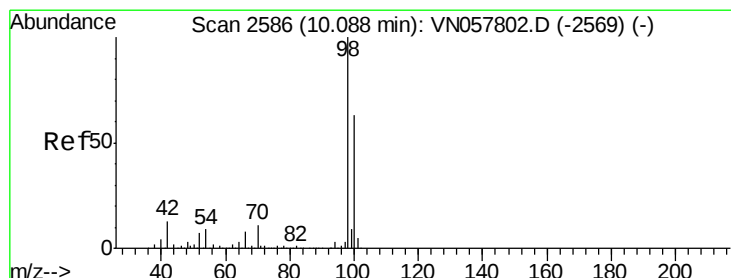
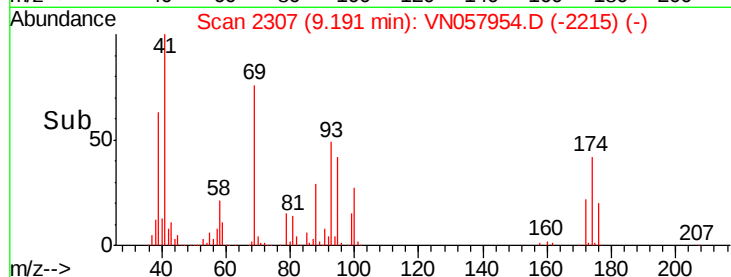
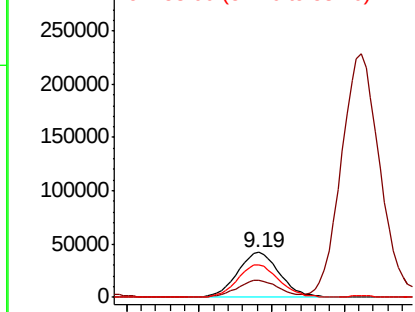
#49
 1,4-Dioxane
 Concen: 880.113 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 84892
 Ion Ratio Lower Upper
 88 100
 43 36.6 28.5 42.7
 58 71.9 55.8 83.6

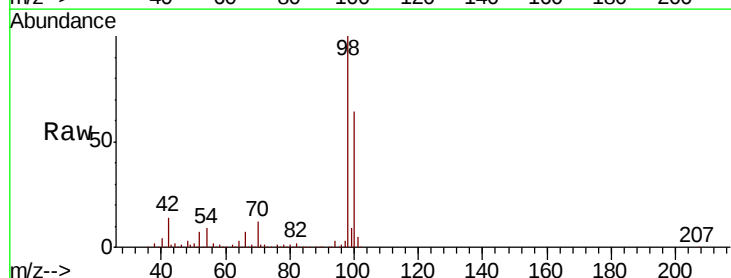


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

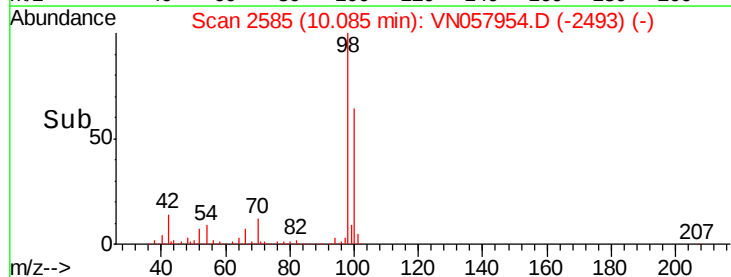
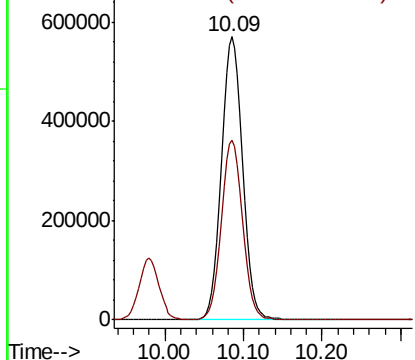


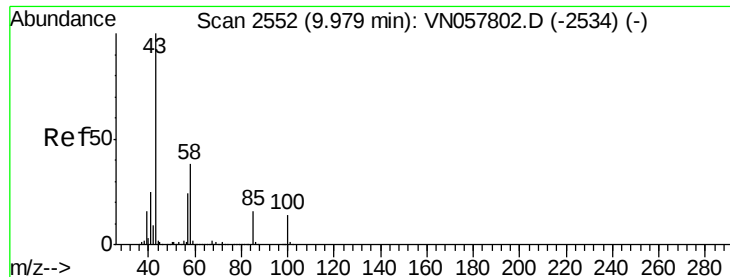
#50
 Toluene-d8
 Concen: 52.822 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 98 Resp: 1056232
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

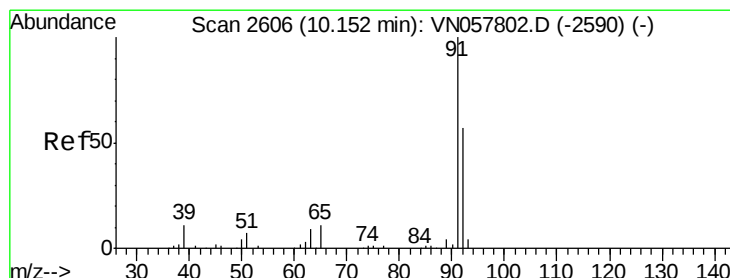
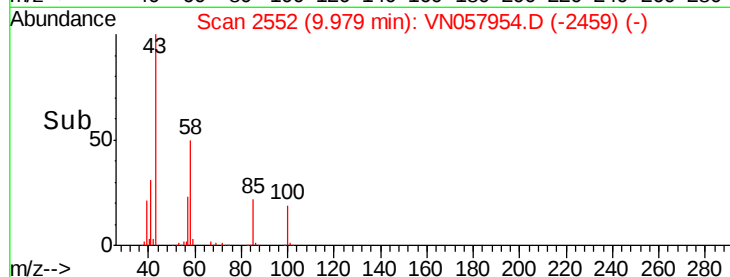
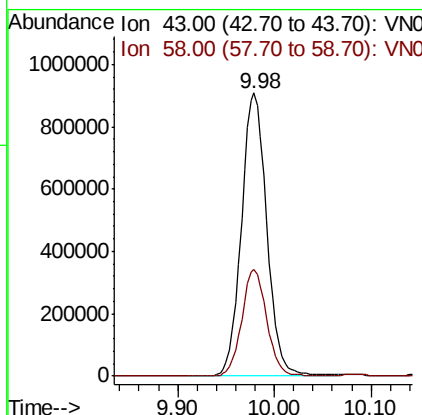
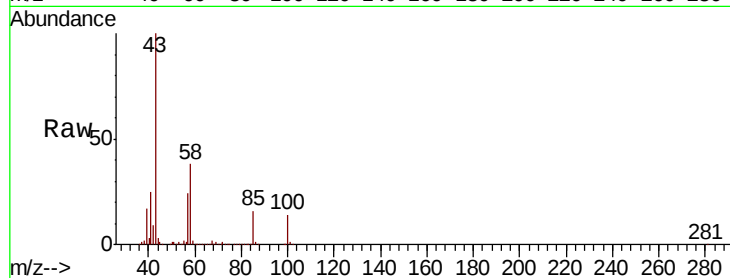




#51
 4-Methyl-2-Pentanone
 Concen: 247.960 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

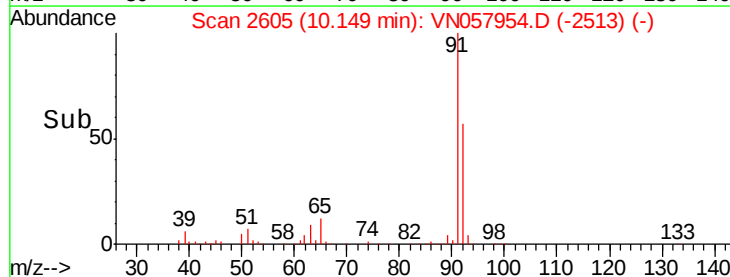
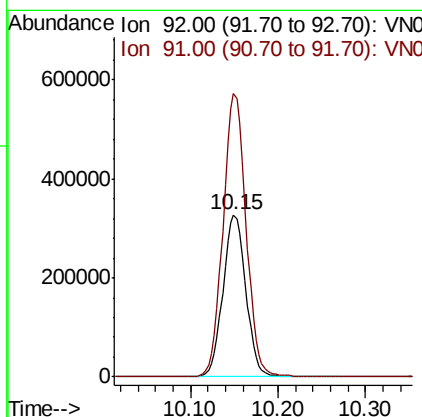
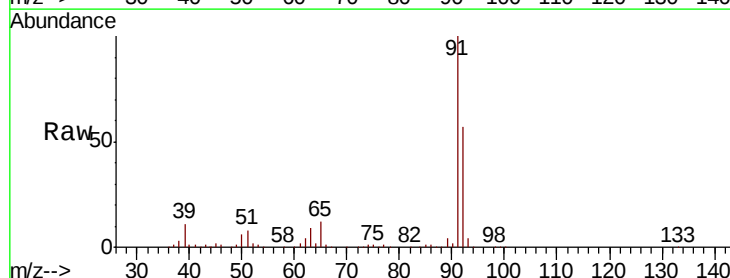
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

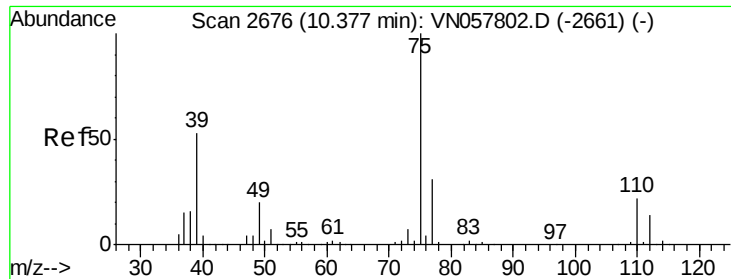
Tgt Ion: 43 Resp: 1649911
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.6



#52
 Toluene
 Concen: 48.469 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 92 Resp: 594784
 Ion Ratio Lower Upper
 92 100
 91 176.1 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 50.591 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

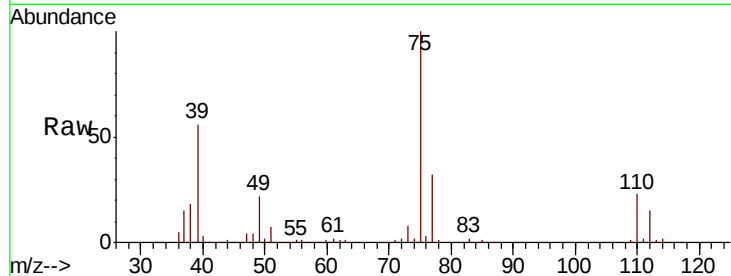
VSTDCCC050

Tgt Ion: 75 Resp: 364467

Ion Ratio Lower Upper

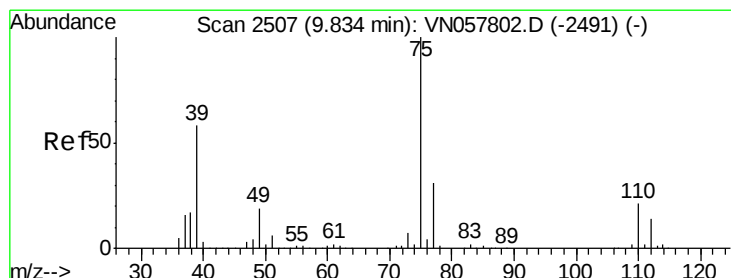
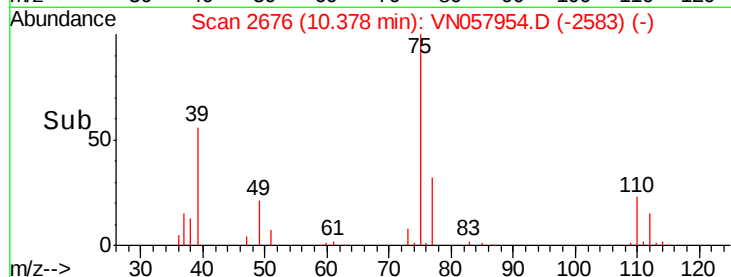
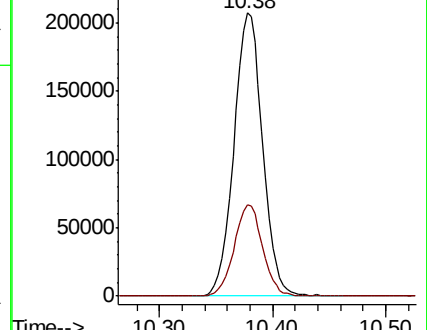
75 100

77 32.4 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.879 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

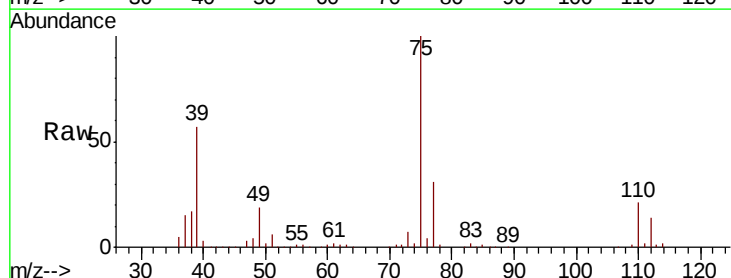
Tgt Ion: 75 Resp: 404689

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

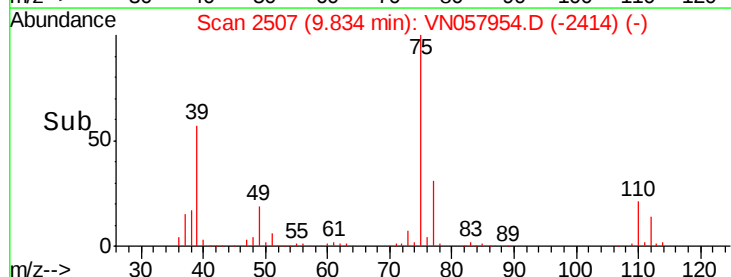
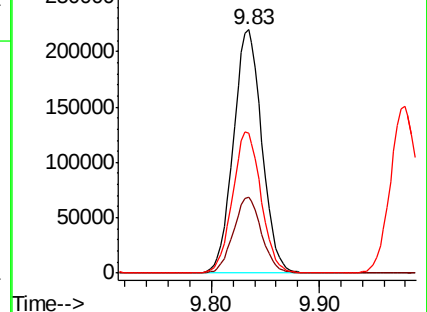
39 57.2 46.2 69.4

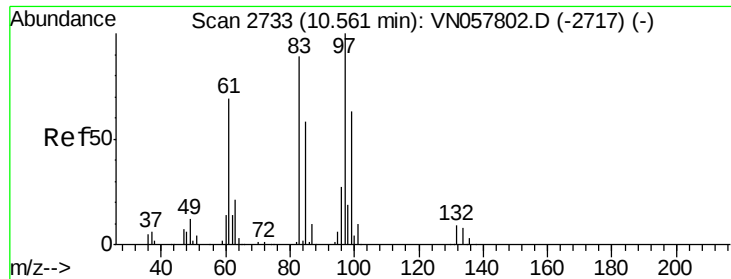


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

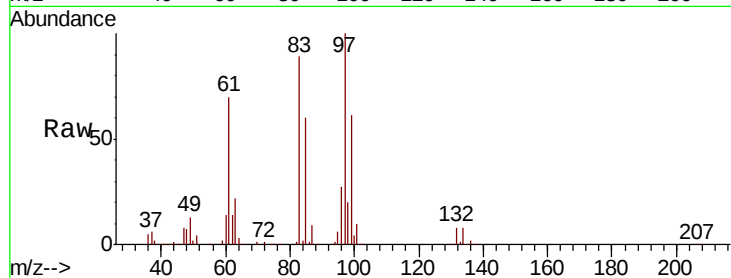




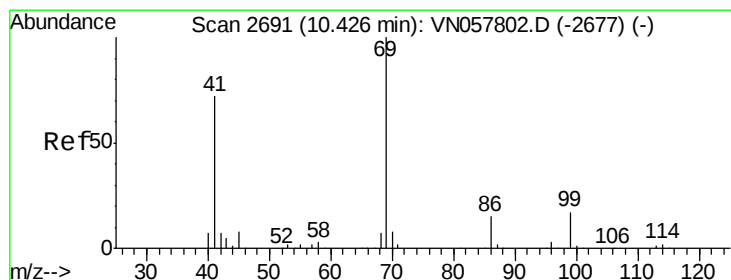
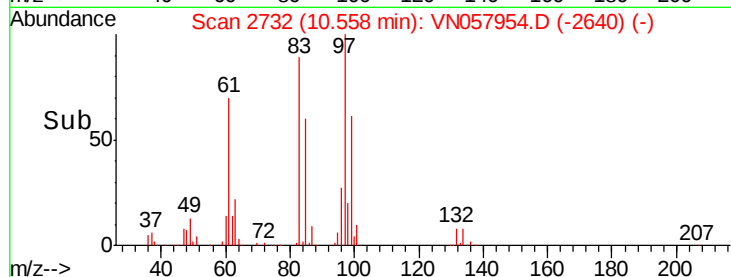
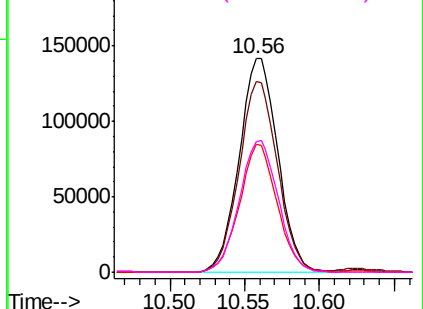
#55
 1,1,2-Trichloroethane
 Concen: 49.053 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 254978
 Ion Ratio Lower Upper
 97 100
 83 89.5 70.8 106.2
 85 59.8 46.0 69.0
 99 60.8 50.6 76.0

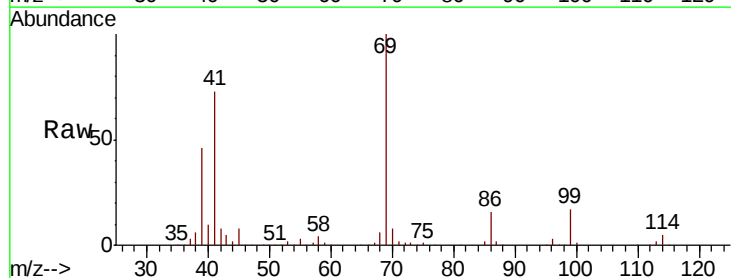


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

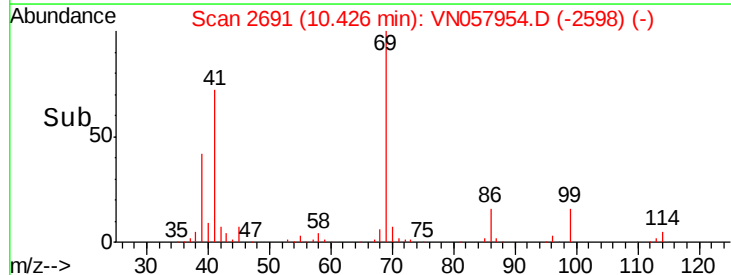
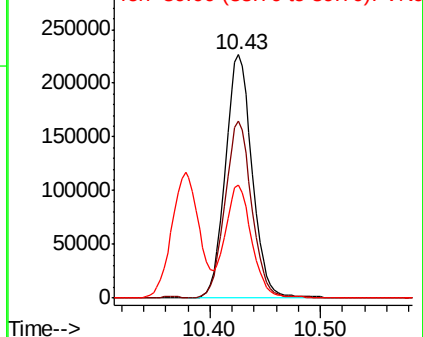


#56
 Ethyl methacrylate
 Concen: 48.716 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 69 Resp: 381336
 Ion Ratio Lower Upper
 69 100
 41 72.1 56.7 85.1
 39 45.8 36.3 54.5



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

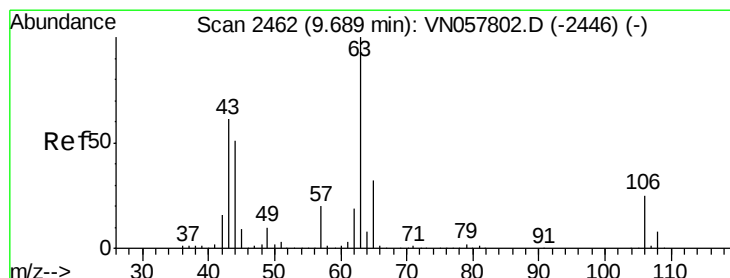
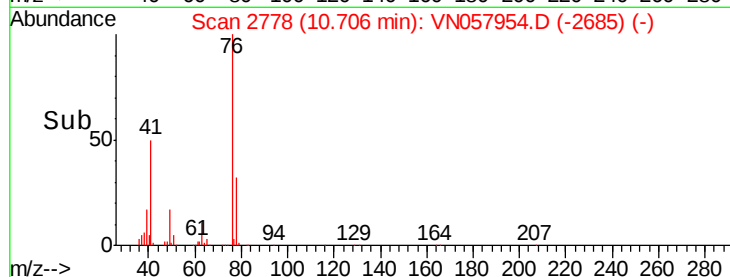
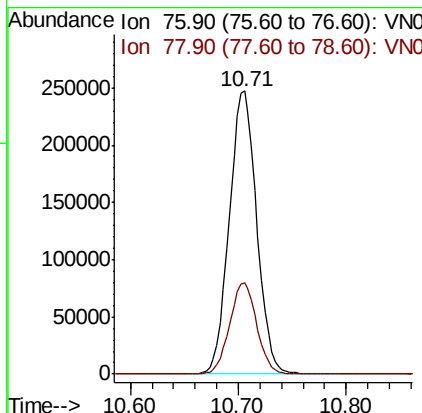
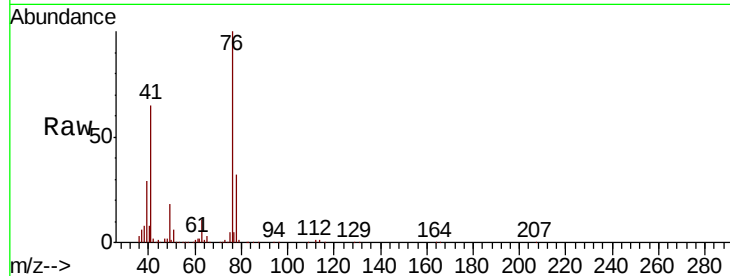




#57
 1,3-Dichloropropane
 Concen: 48.887 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

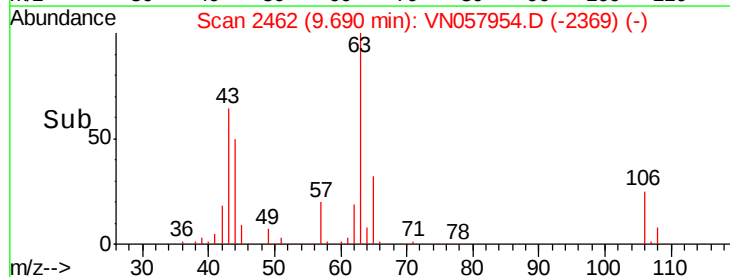
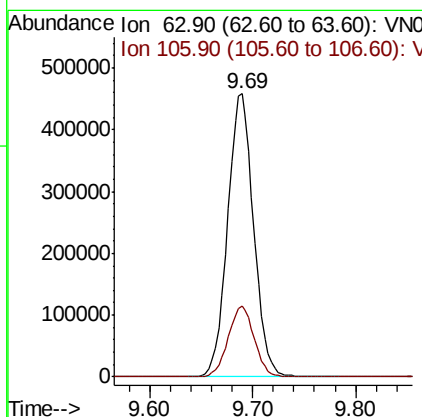
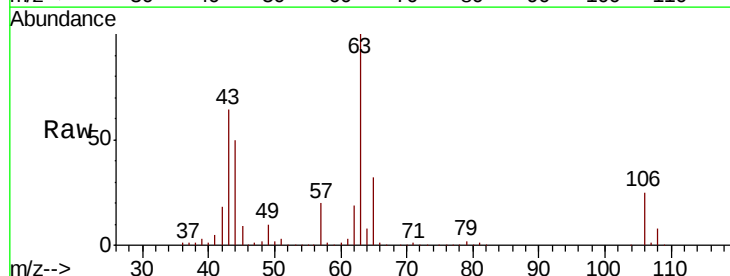
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

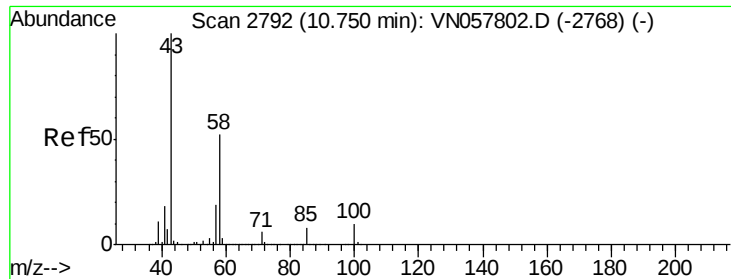
Tgt Ion: 76 Resp: 437935
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 218.084 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 63 Resp: 804031
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.0 30.0

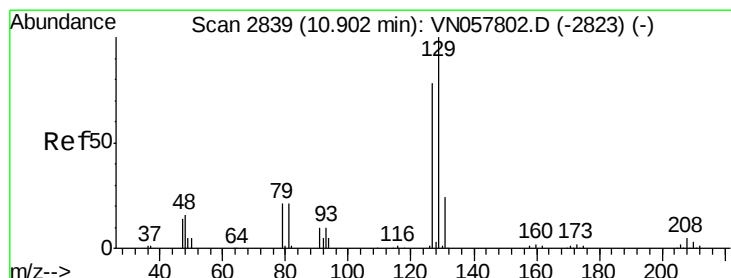
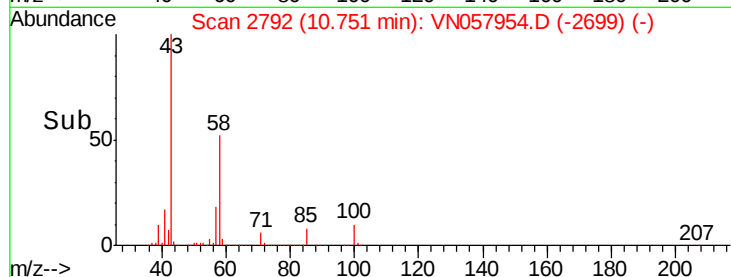
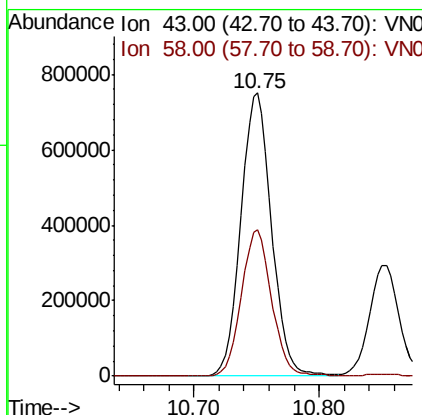
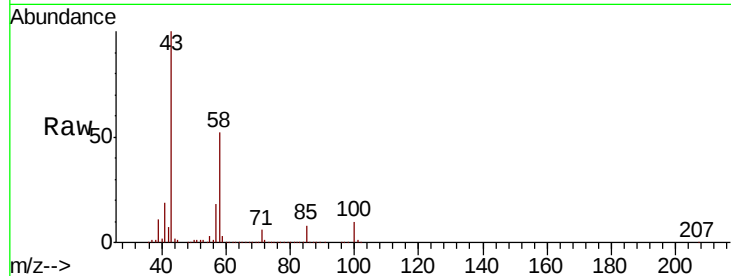




#59
2-Hexanone
Concen: 255.875 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

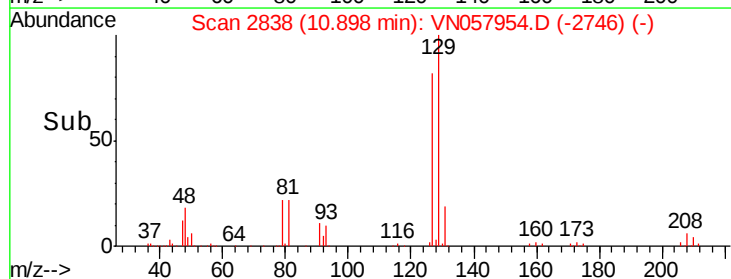
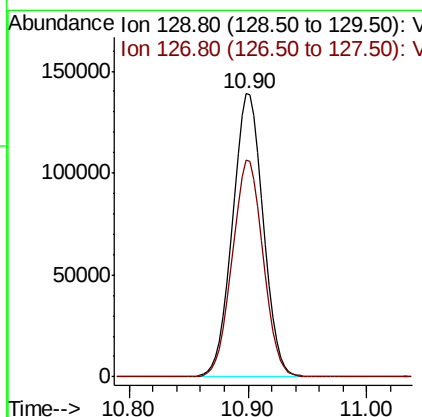
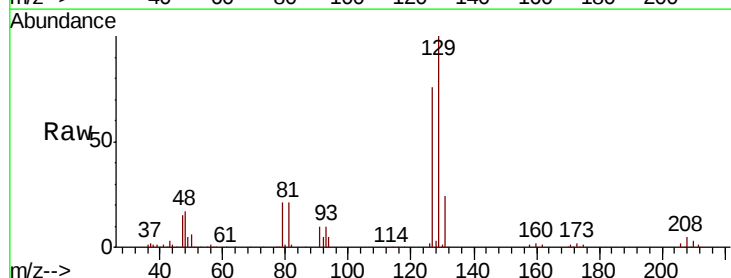
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

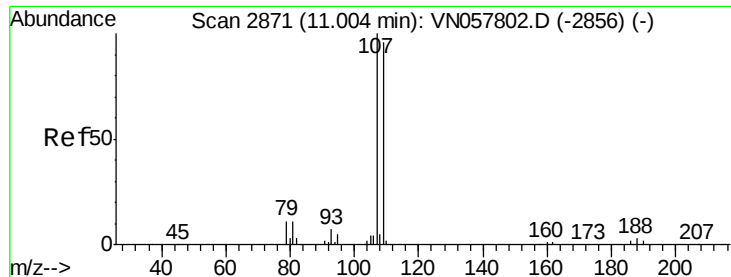
Tgt Ion: 43 Resp: 1276146
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.8



#60
Dibromochloromethane
Concen: 51.532 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 129 Resp: 248737
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

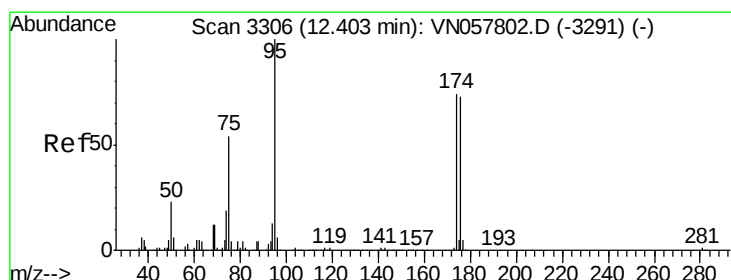
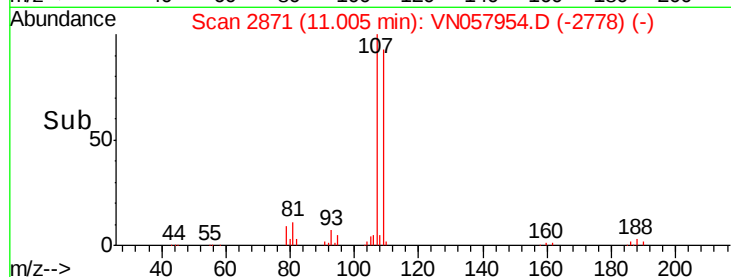
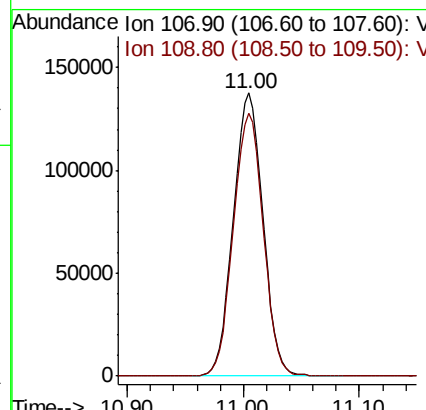
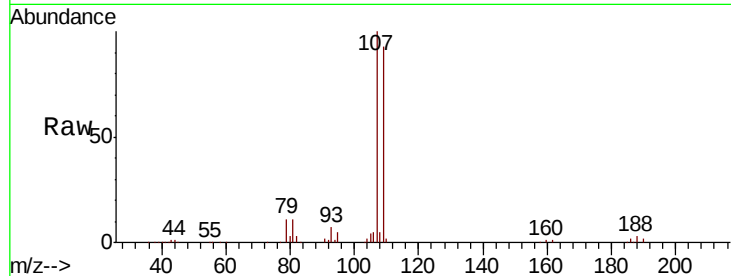




#61
 1,2-Dibromoethane
 Concen: 49.325 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

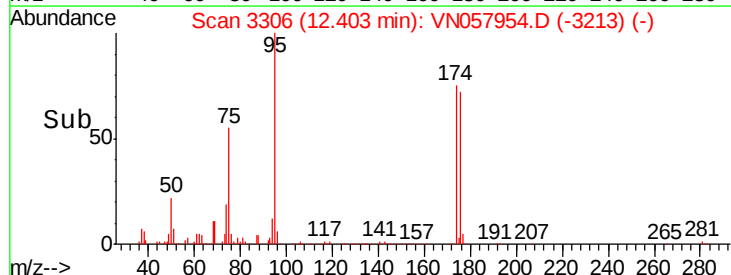
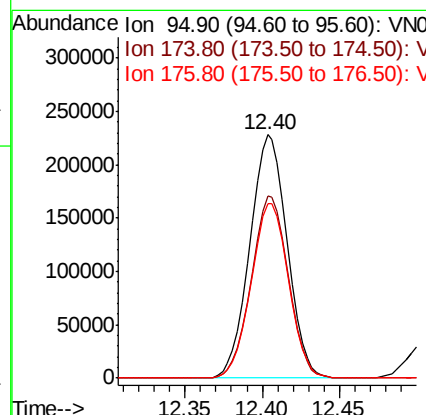
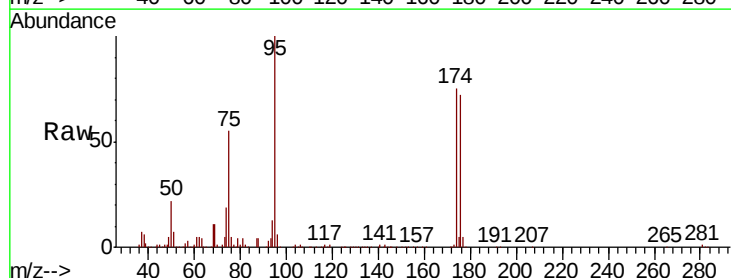
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

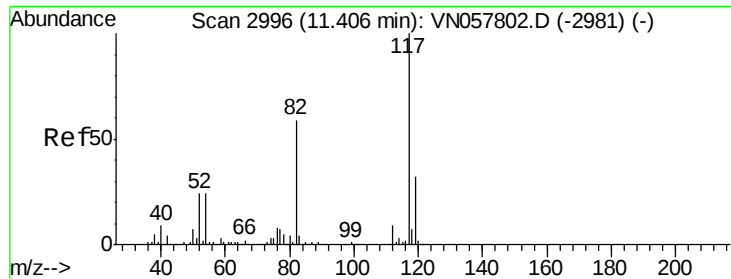
Tgt Ion: 107 Resp: 242396
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.254 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 95 Resp: 382954
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 150.2
 176 72.3 0.0 146.0

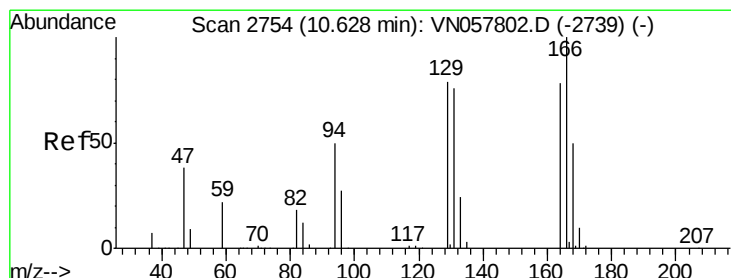
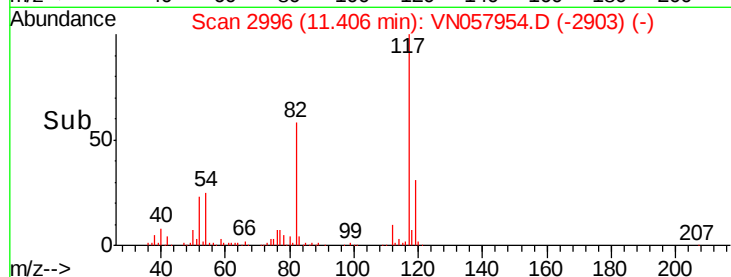
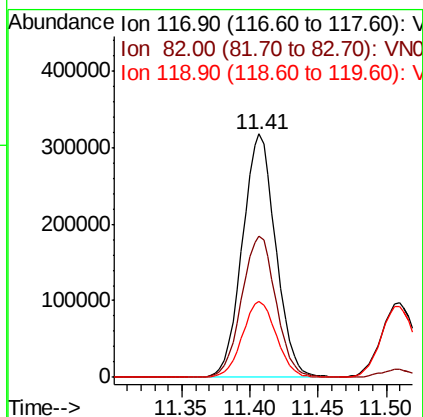
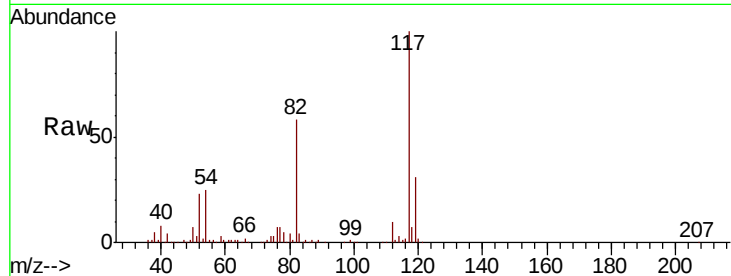




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

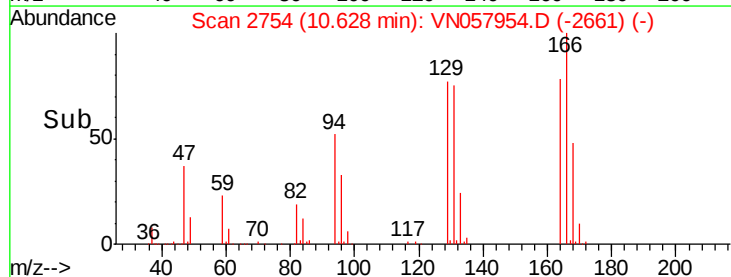
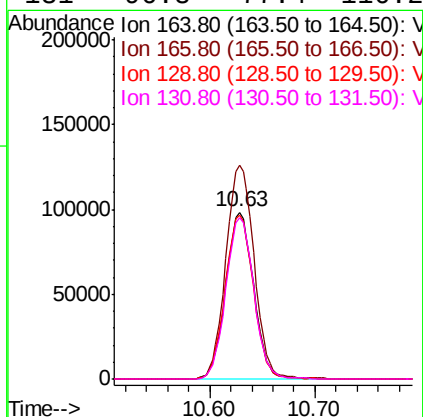
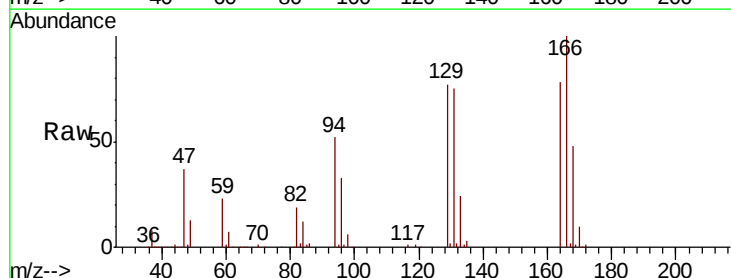
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

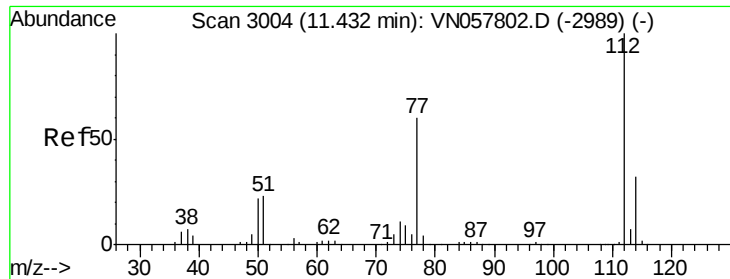
Tgt Ion:117 Resp: 539168
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 31.0 25.3 37.9



#64
Tetrachloroethene
Concen: 45.231 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion:164 Resp: 180063
Ion Ratio Lower Upper
164 100
166 128.3 102.2 153.2
129 98.4 80.8 121.2
131 96.8 77.4 116.2

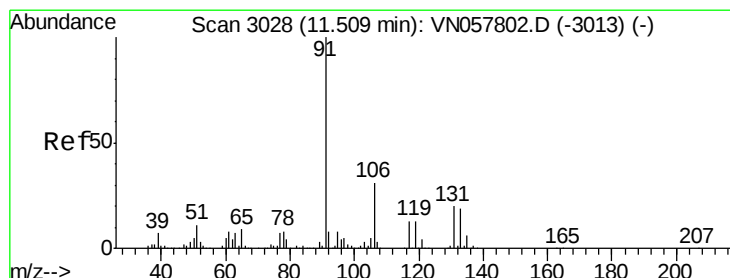
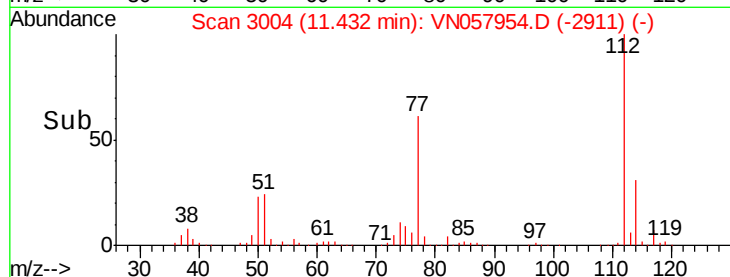
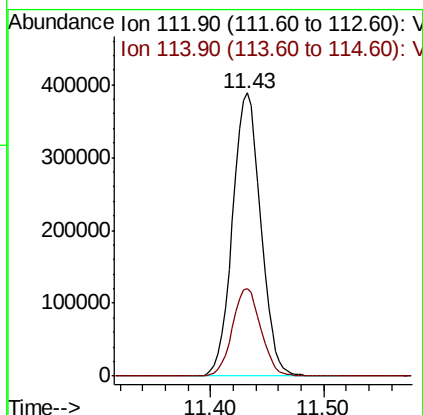
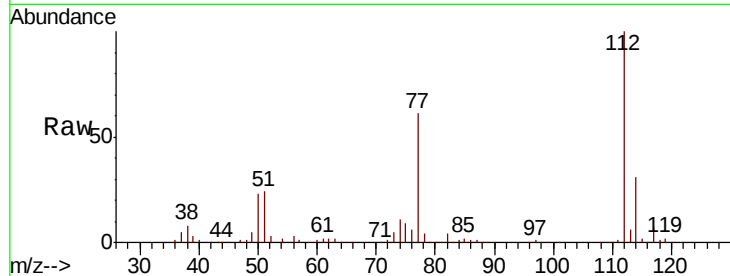




#65
Chlorobenzene
Concen: 47.875 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

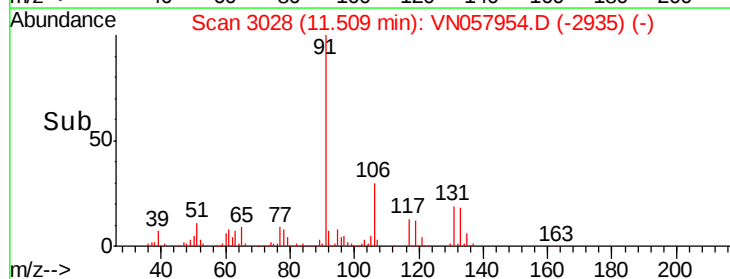
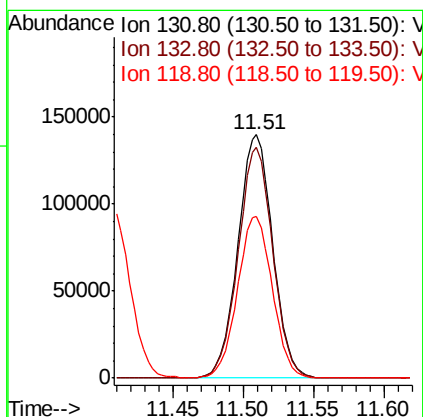
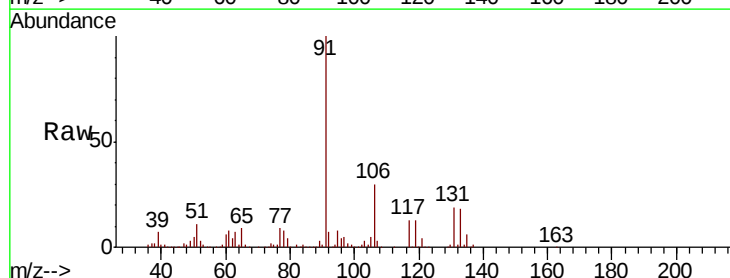
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

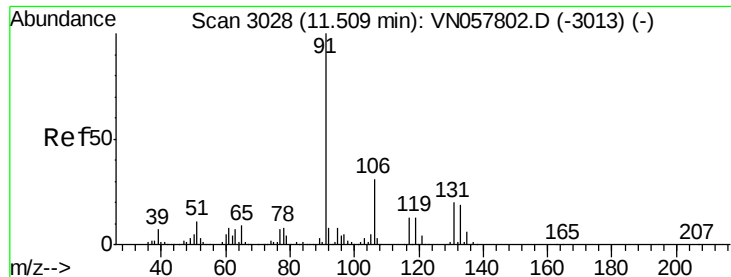
Tgt Ion:112 Resp: 675541
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.323 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion:131 Resp: 241497
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 66.5 33.3 99.8

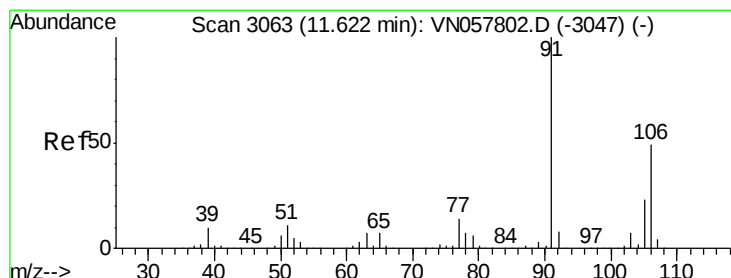
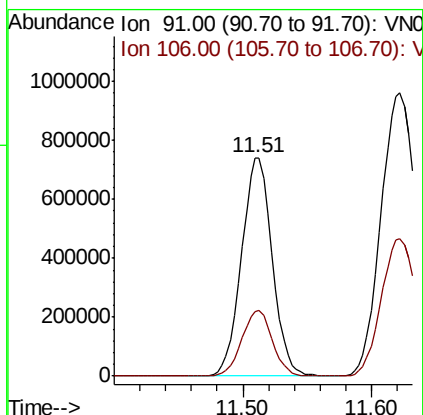
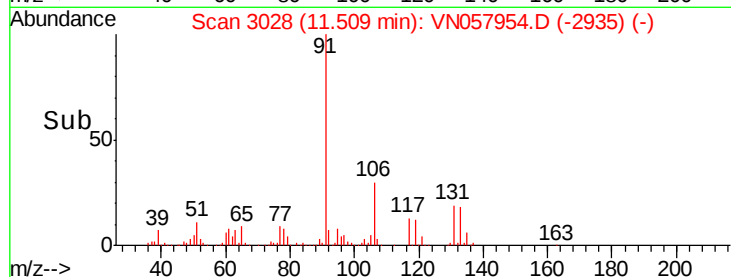
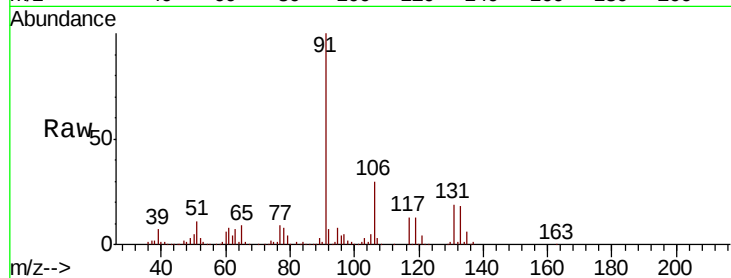




#67
Ethyl Benzene
Concen: 49.650 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

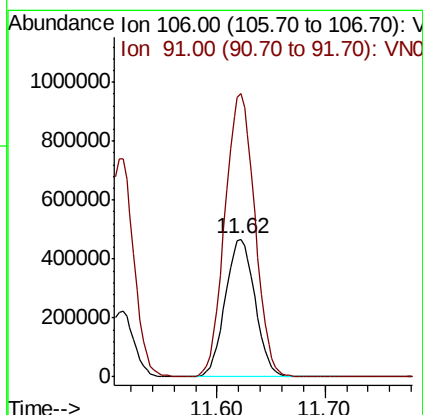
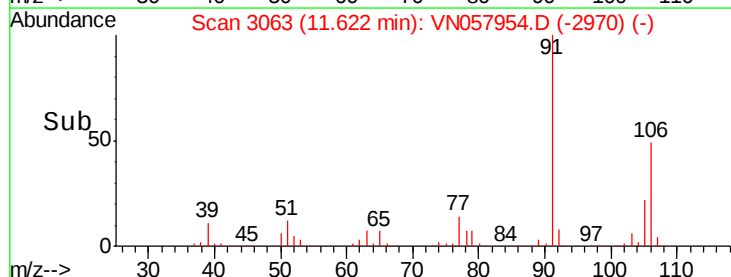
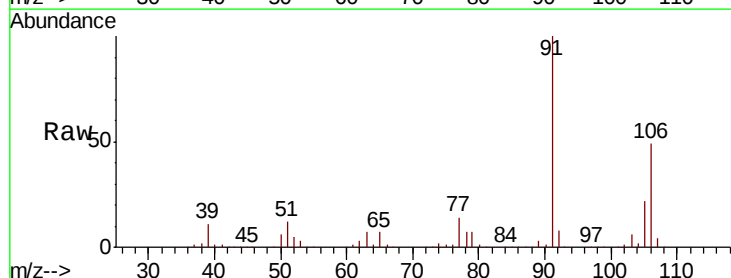
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

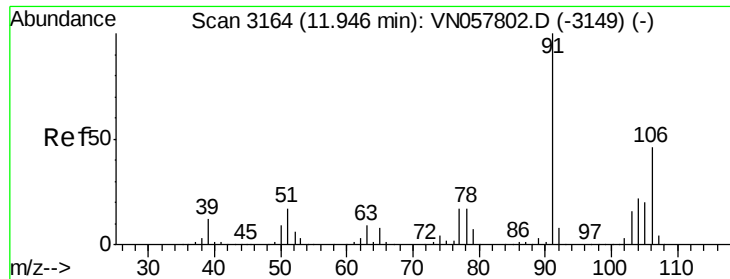
Tgt Ion: 91 Resp: 1227786
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6



#68
m/p-Xylenes
Concen: 98.950 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion: 106 Resp: 896311
Ion Ratio Lower Upper
106 100
91 207.6 165.8 248.6

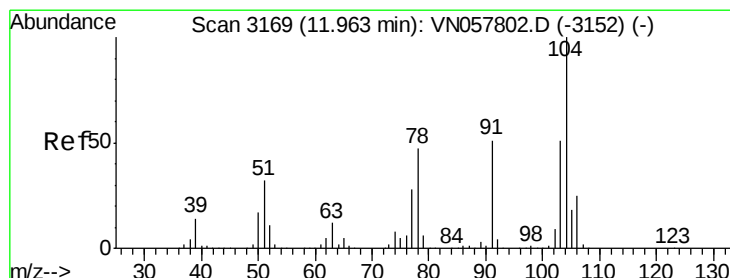
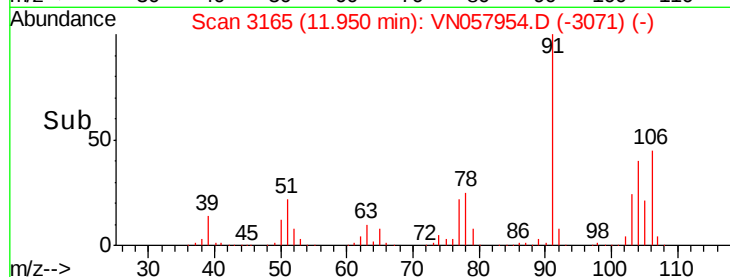
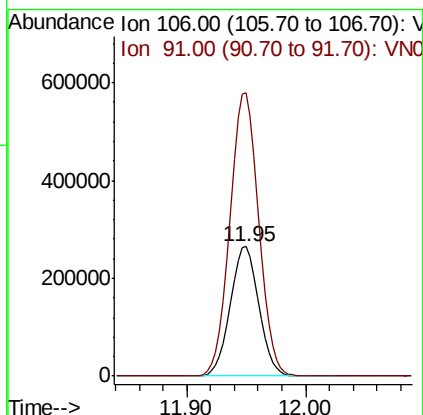
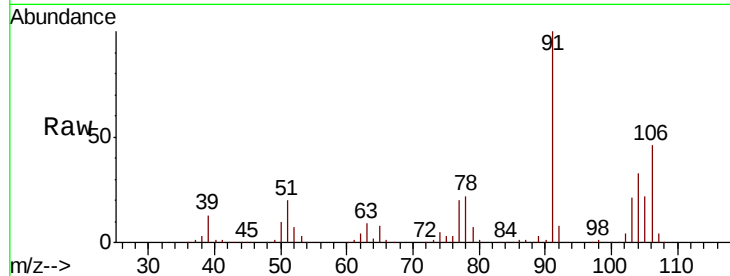




#69
o-Xylene
Concen: 48.921 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

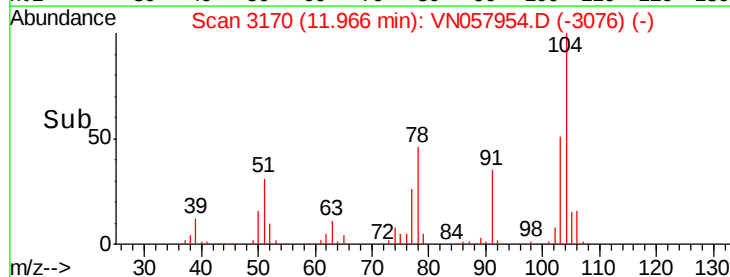
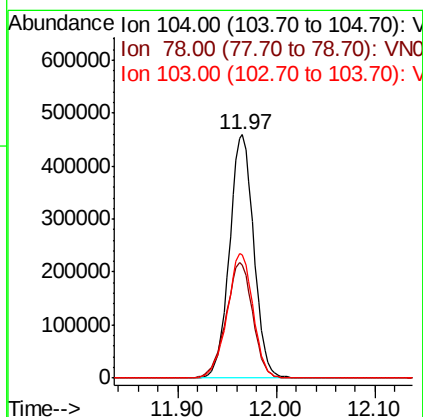
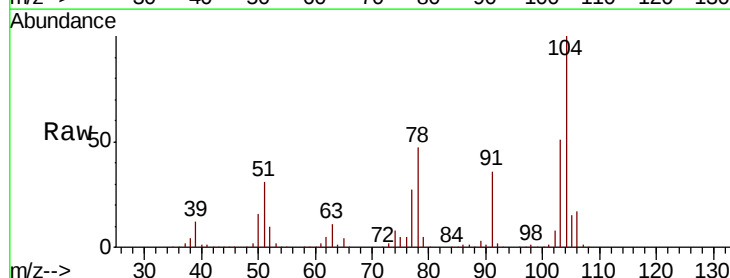
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

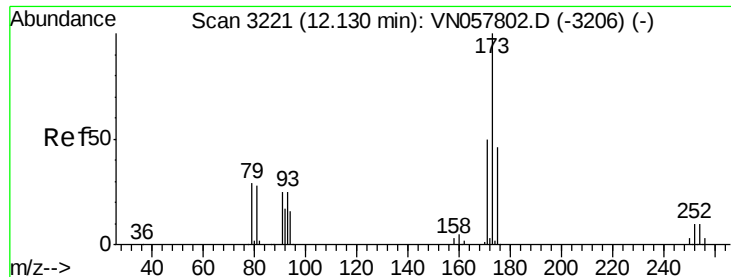
Tgt Ion:106 Resp: 440548
Ion Ratio Lower Upper
106 100
91 220.3 108.7 326.1



#70
Styrene
Concen: 50.951 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion:104 Resp: 789639
Ion Ratio Lower Upper
104 100
78 52.2 41.3 61.9
103 54.6 43.7 65.5

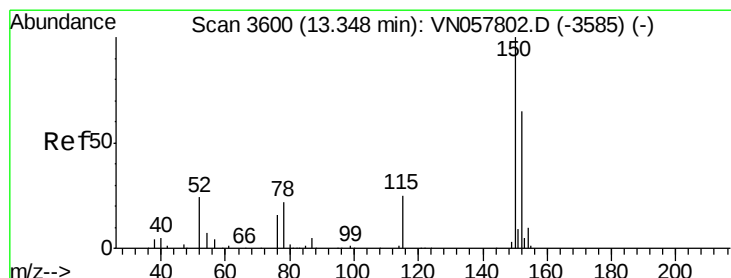
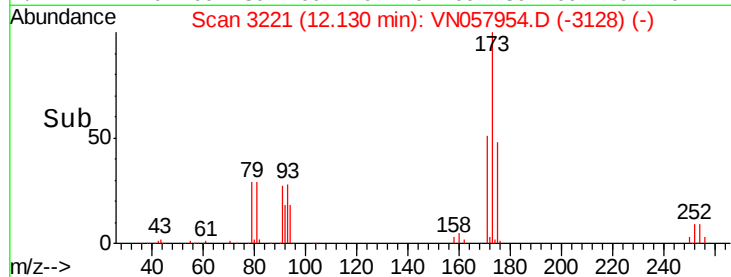
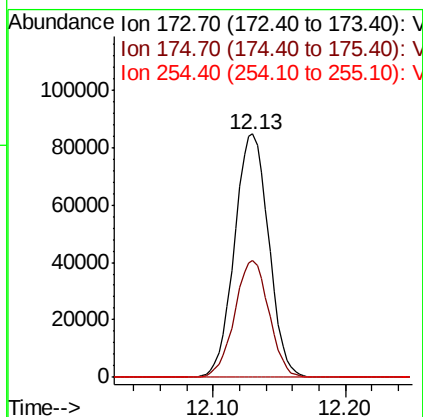
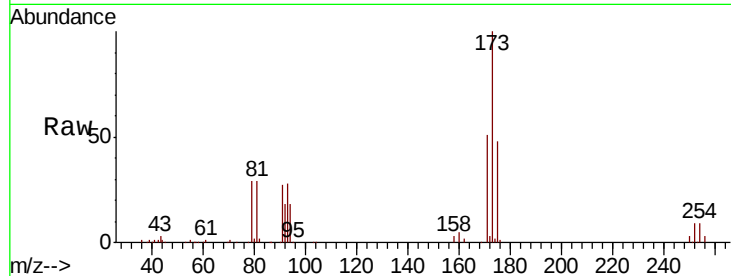




#71
Bromoform
Concen: 49.664 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

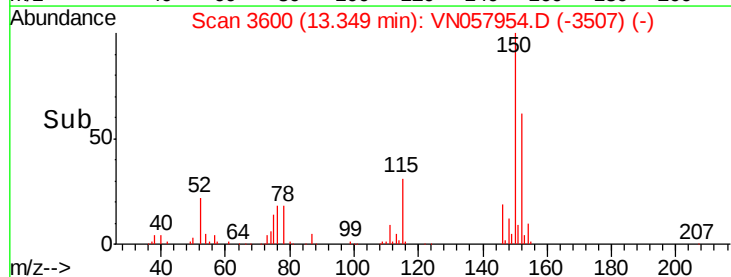
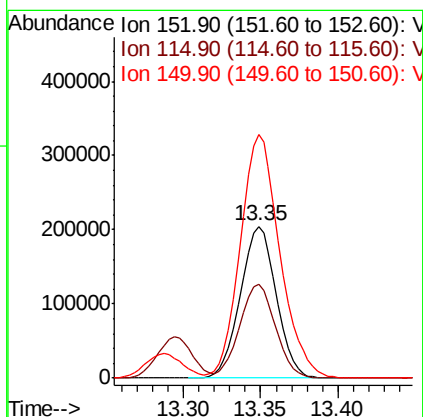
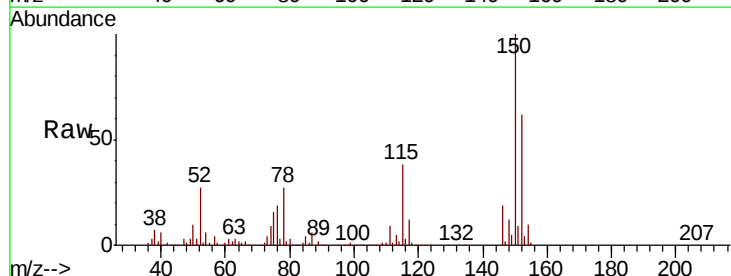
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

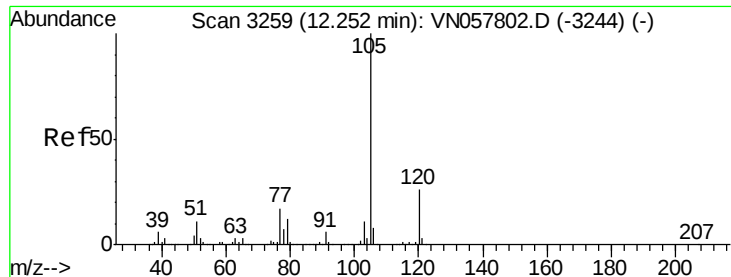
Tgt Ion:173 Resp: 151606
Ion Ratio Lower Upper
173 100
175 48.0 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057954.D
Acq: 12 Sep 2019 8:54

Tgt Ion:152 Resp: 330403
Ion Ratio Lower Upper
152 100
115 61.2 30.3 91.0
150 176.1 0.0 352.4





#73

Isopropylbenzene

Concen: 48.529 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

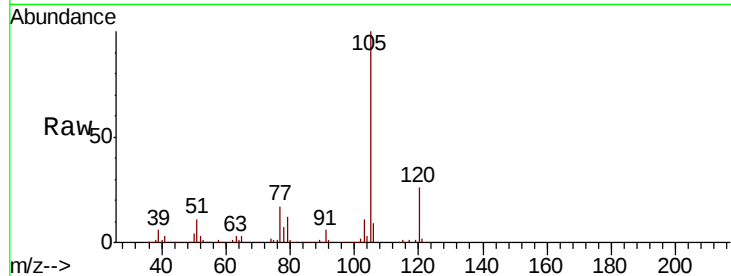
VSTDCCC050

Tgt Ion:105 Resp: 1244198

Ion Ratio Lower Upper

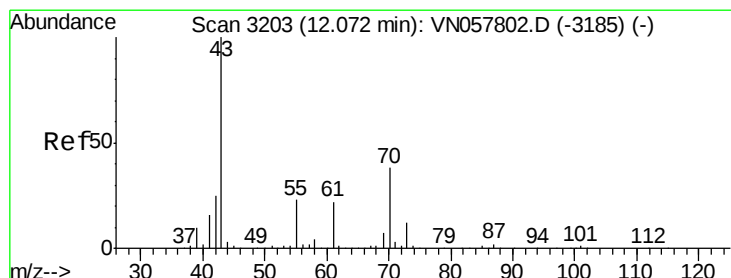
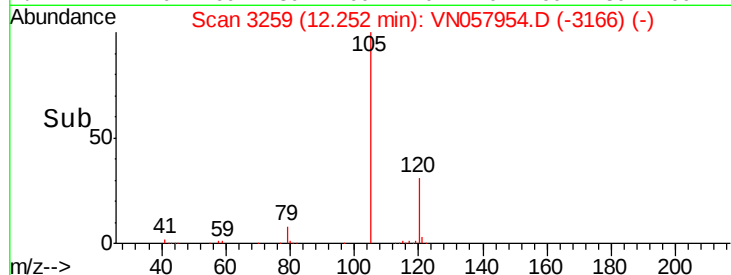
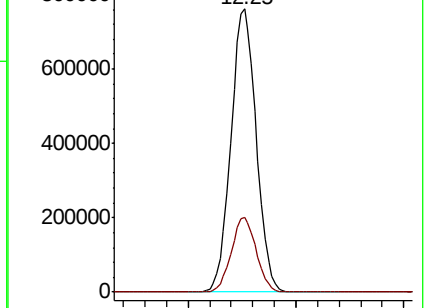
105 100

120 25.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.125 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Tgt Ion: 43 Resp: 514655

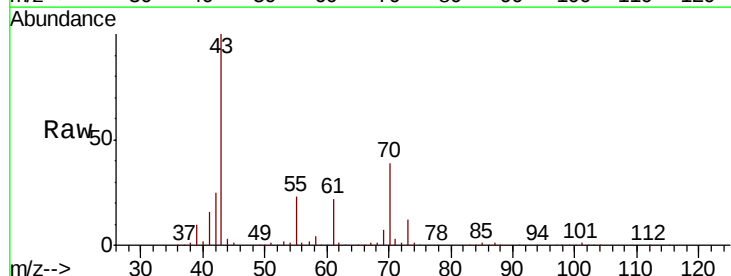
Ion Ratio Lower Upper

43 100

70 39.2 30.6 45.8

55 23.7 18.6 27.8

61 22.4 17.4 26.2

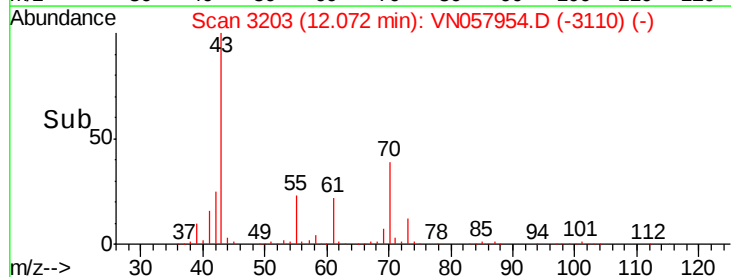
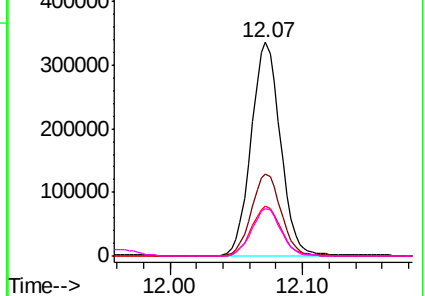


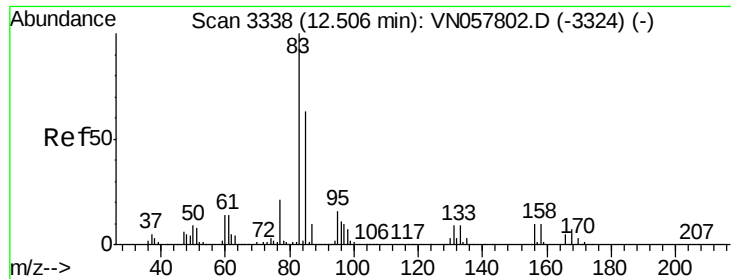
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 45.407 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

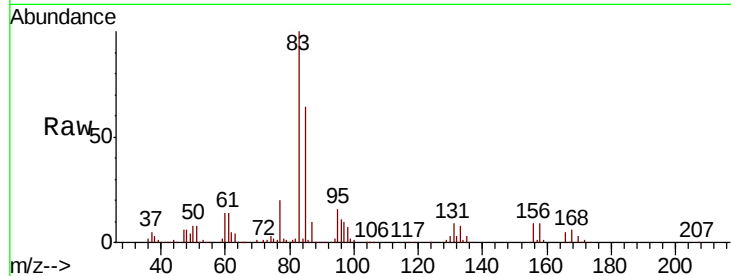
Tgt Ion: 83 Resp: 391969

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 64.3 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN057802.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN057802.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN057802.D (-3324) (-)

12.51

250000

200000

150000

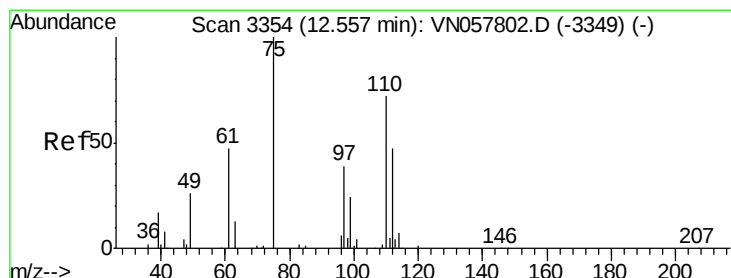
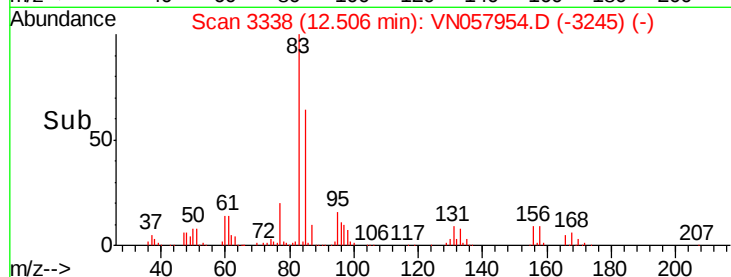
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 63.777 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057954.D

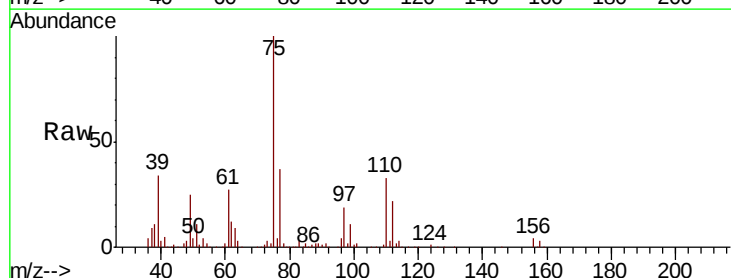
Acq: 12 Sep 2019 8:54

Tgt Ion: 75 Resp: 476689

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN057802.D (-3349) (-)

300000

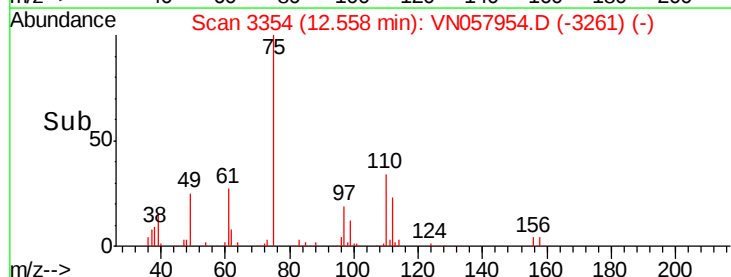
200000

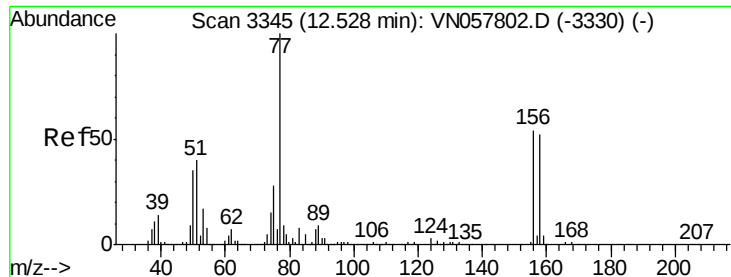
100000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 45.086 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

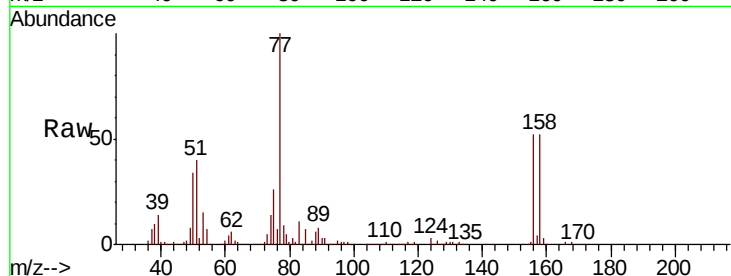
Tgt Ion:156 Resp: 288195

Ion Ratio Lower Upper

156 100

77 225.2 113.7 341.1

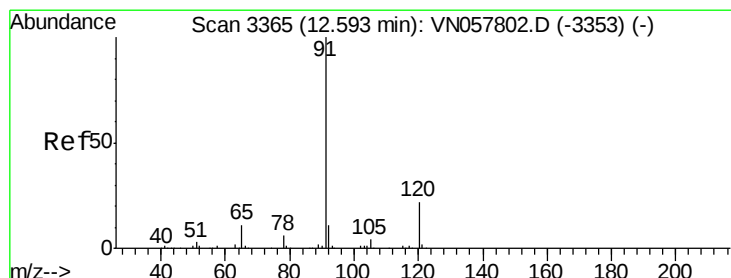
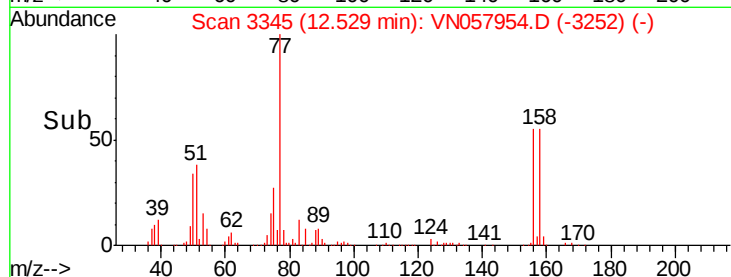
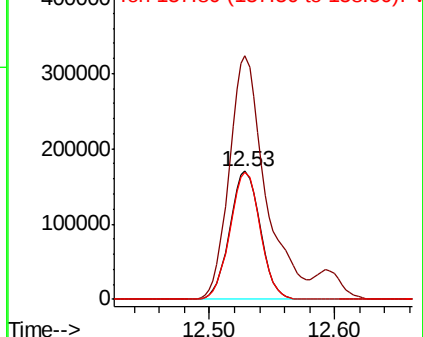
158 97.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.990 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057954.D

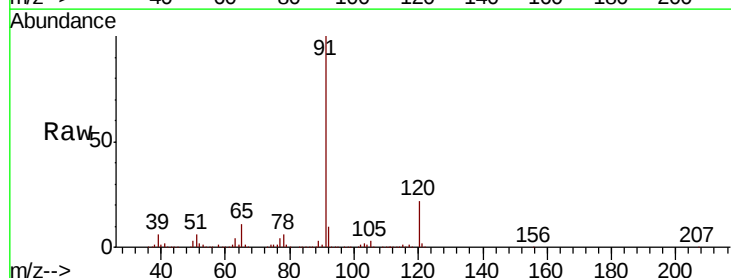
Acq: 12 Sep 2019 8:54

Tgt Ion: 91 Resp: 1471744

Ion Ratio Lower Upper

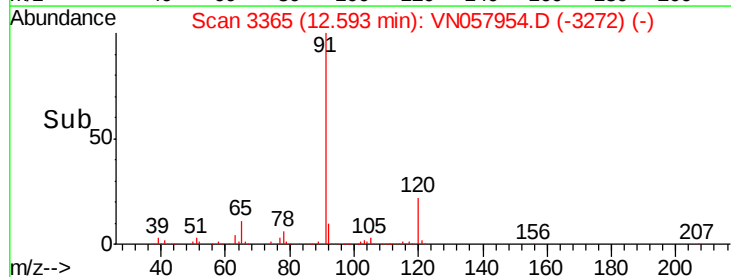
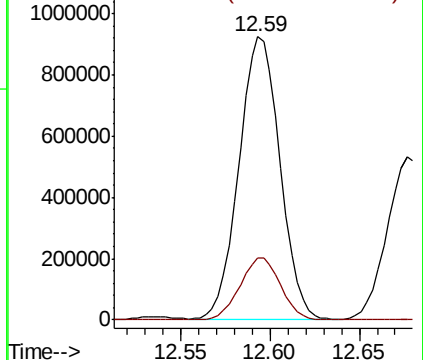
91 100

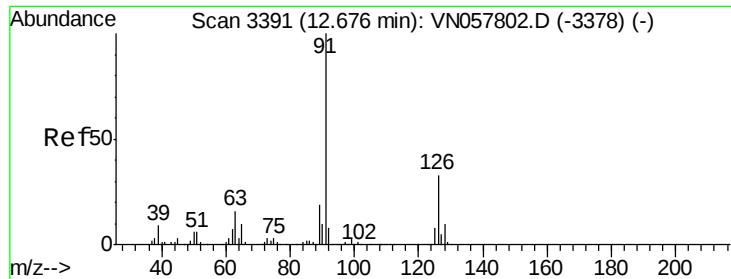
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.816 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

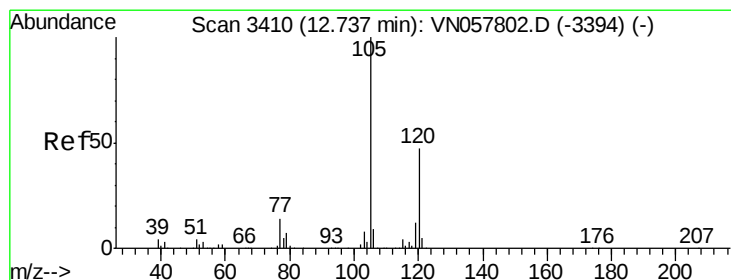
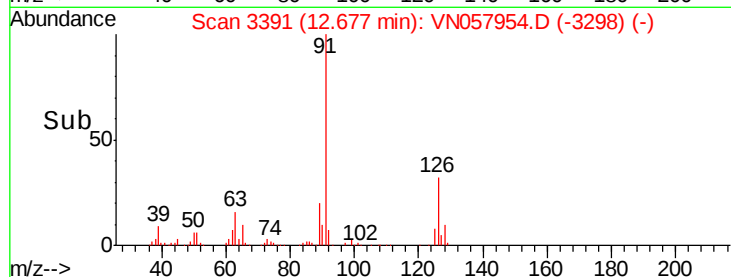
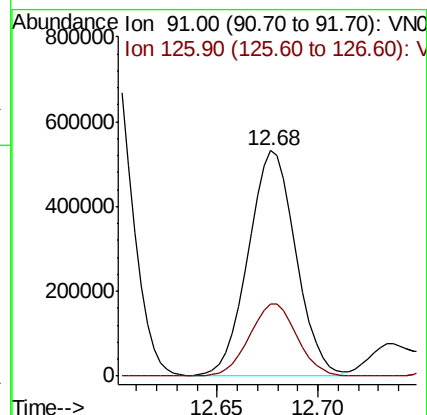
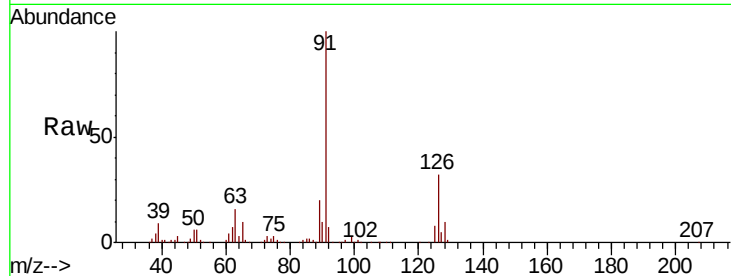
VSTDCCC050

Tgt Ion: 91 Resp: 871130

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 49.512 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057954.D

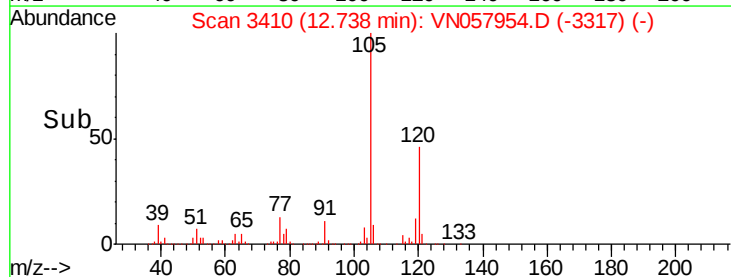
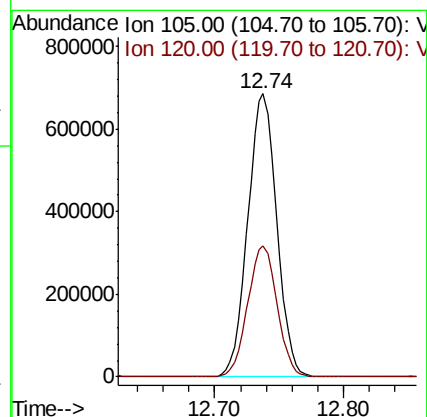
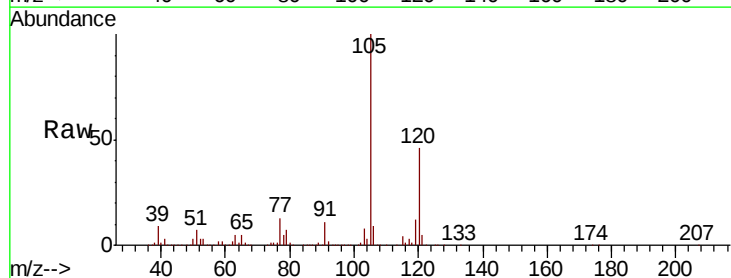
Acq: 12 Sep 2019 8:54

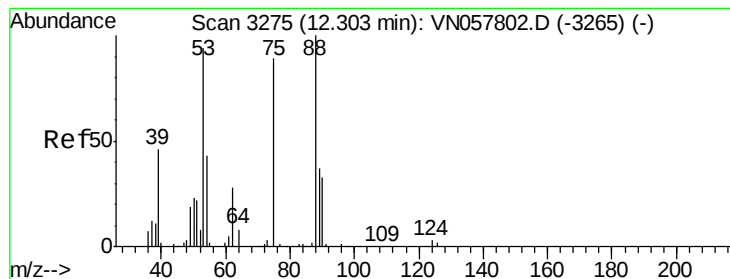
Tgt Ion: 105 Resp: 1072576

Ion Ratio Lower Upper

105 100

120 47.0 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 46.620 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

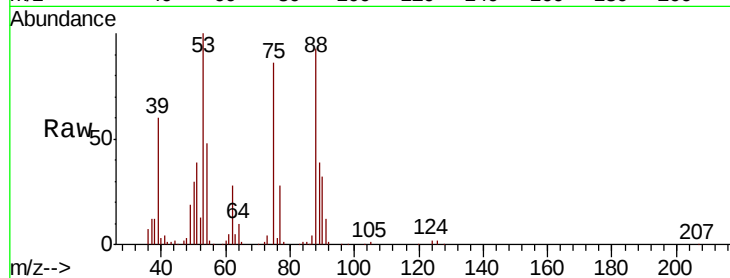
Tgt Ion: 75 Resp: 99020

Ion Ratio Lower Upper

75 100

53 119.1 88.4 132.6

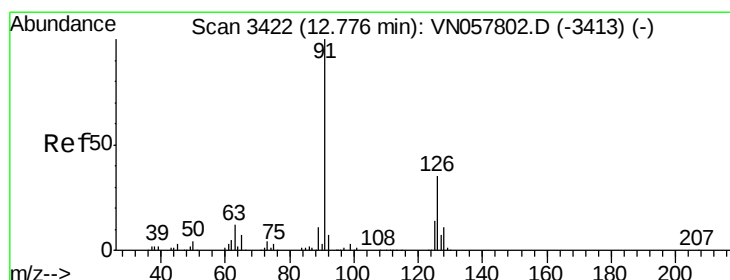
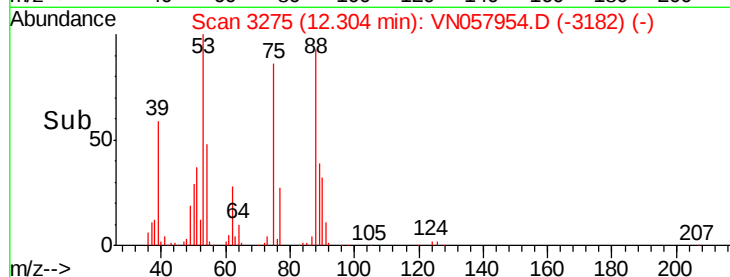
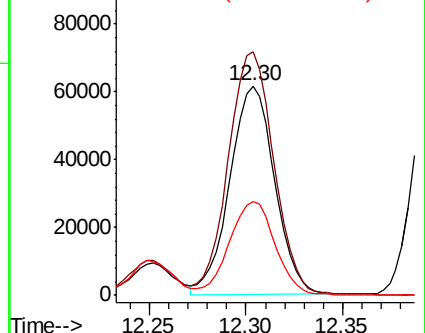
89 46.1 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.572 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057954.D

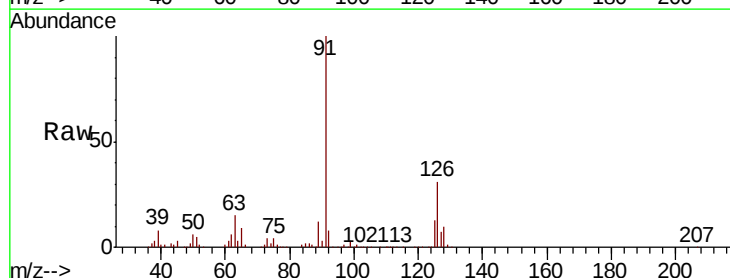
Acq: 12 Sep 2019 8:54

Tgt Ion: 91 Resp: 928139

Ion Ratio Lower Upper

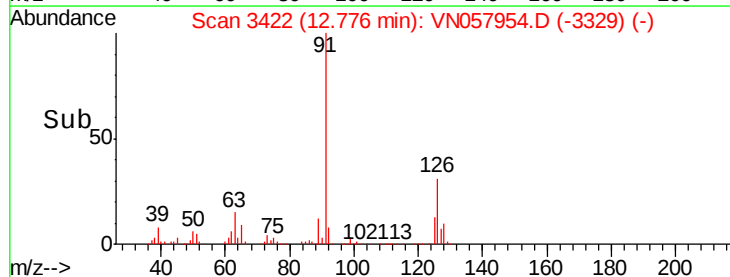
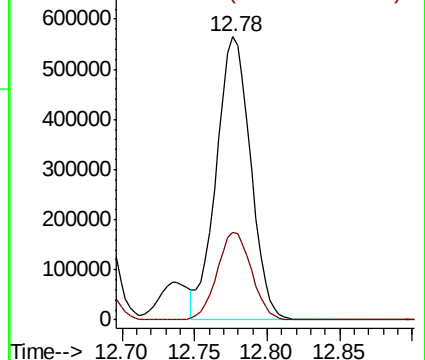
91 100

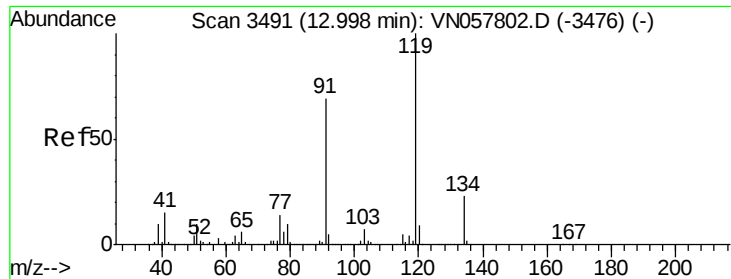
126 31.1 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

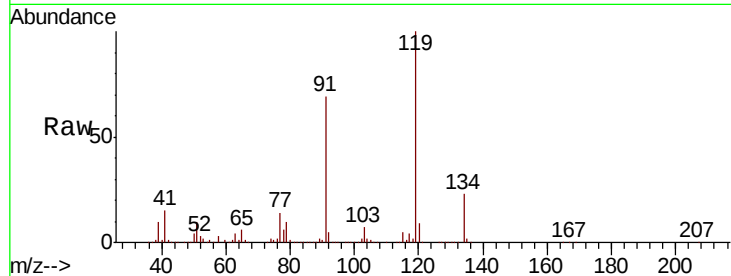




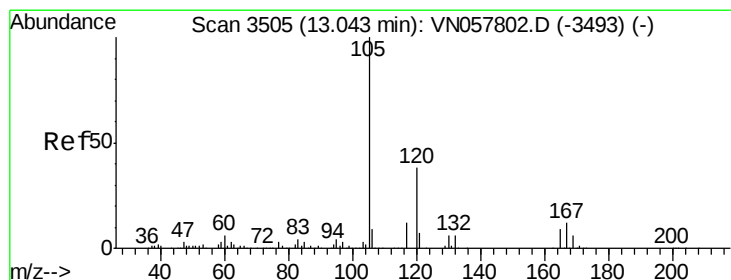
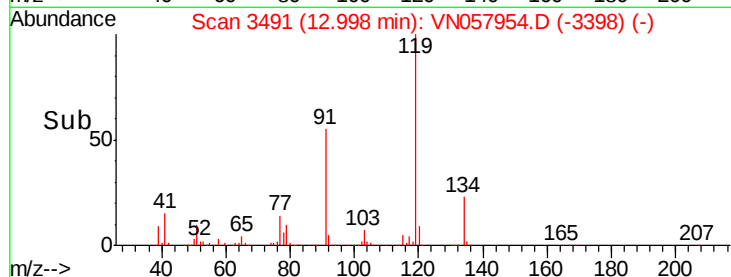
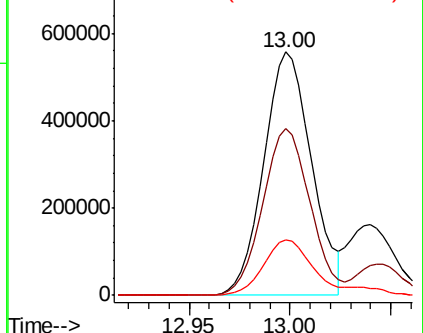
#83
 tert-Butylbenzene
 Concen: 47.829 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 921001
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.6 100.8
 134 23.1 11.7 35.0

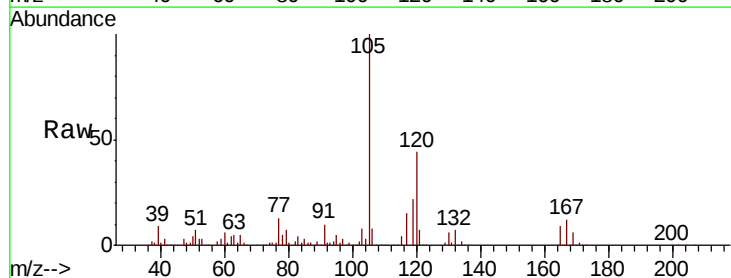


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

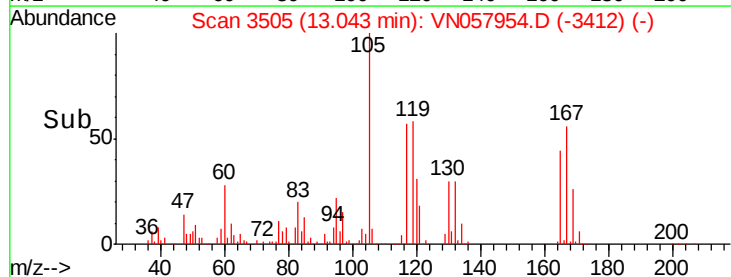
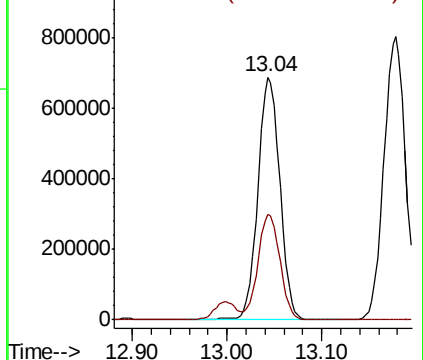


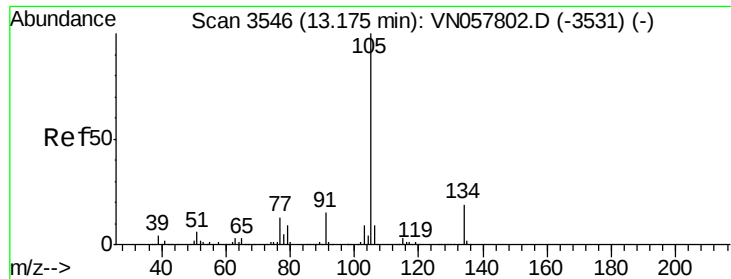
#84
 1,2,4-Trimethylbenzene
 Concen: 50.362 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion:105 Resp: 1108807
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.4 67.2



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





#85

sec-Butylbenzene

Concen: 49.741 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

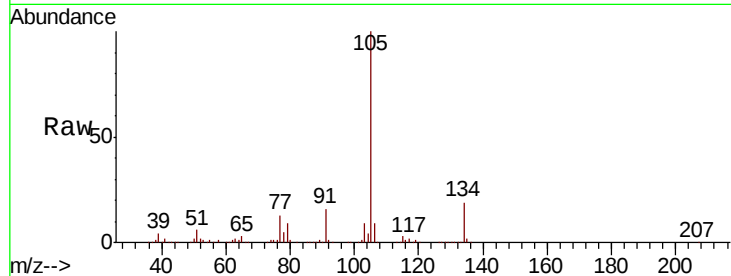
VSTDCCC050

Tgt Ion:105 Resp: 1269529

Ion Ratio Lower Upper

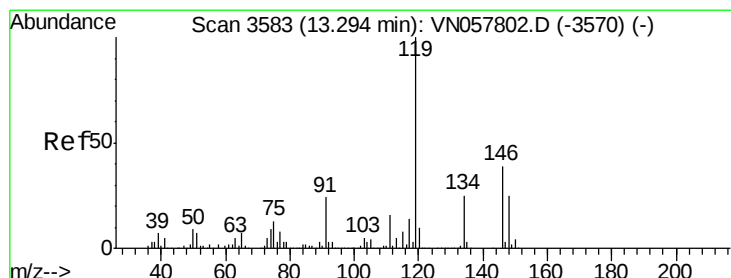
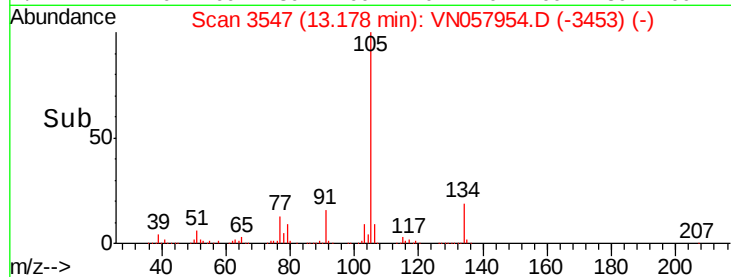
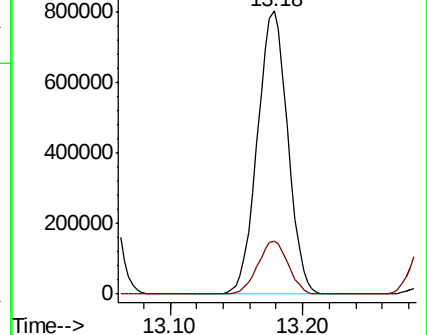
105 100

134 19.0 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.322 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

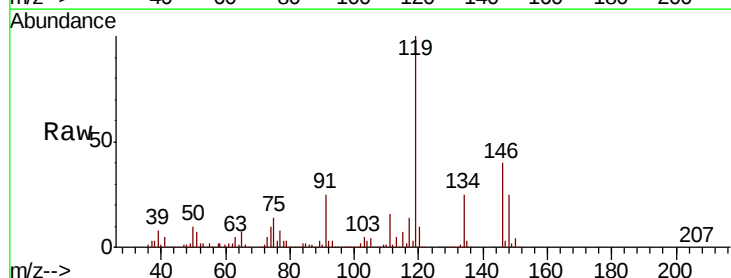
Tgt Ion:119 Resp: 1154137

Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

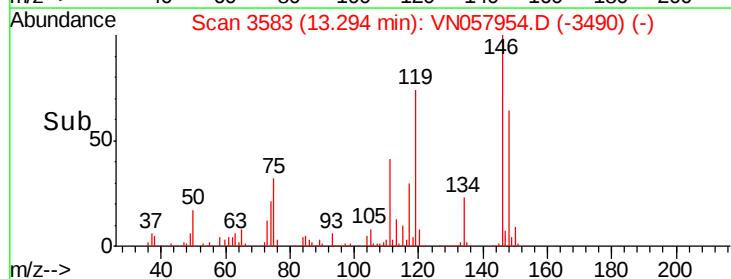
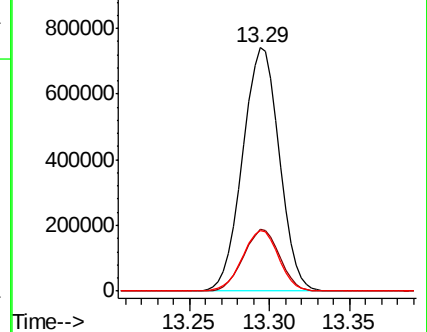
91 24.6 12.3 36.8

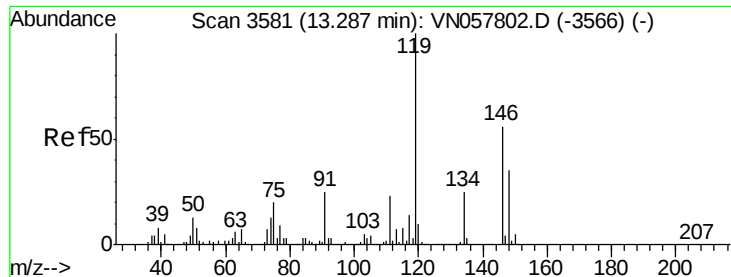


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

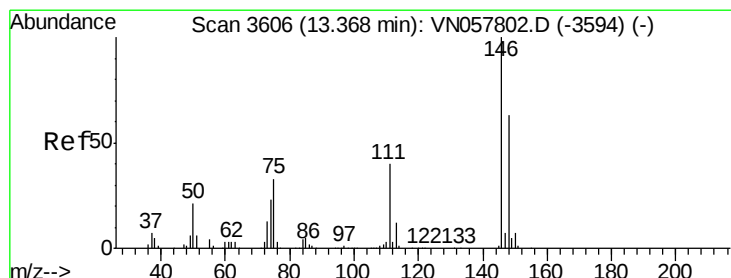
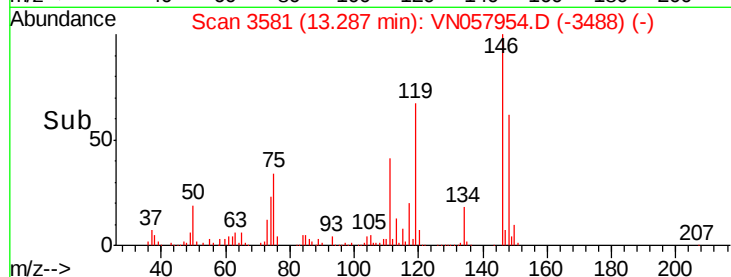
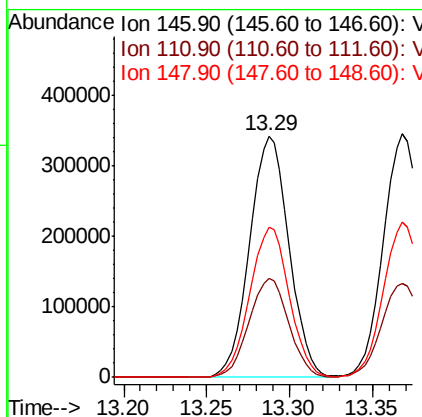
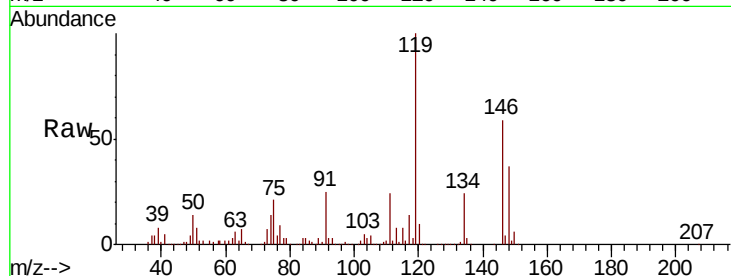




#87
 1,3-Dichlorobenzene
 Concen: 48.096 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

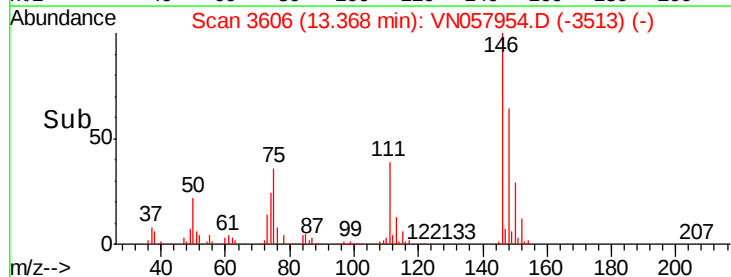
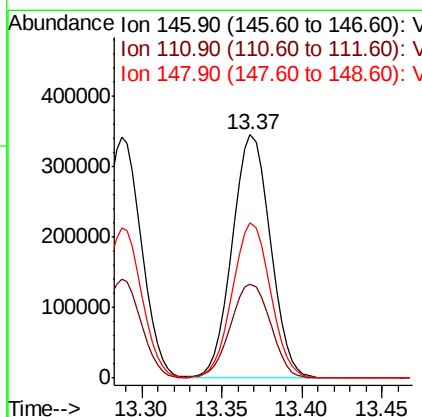
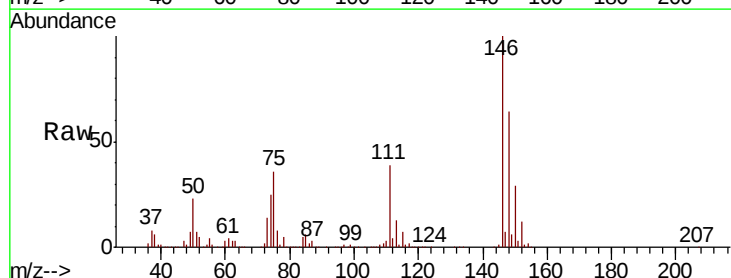
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

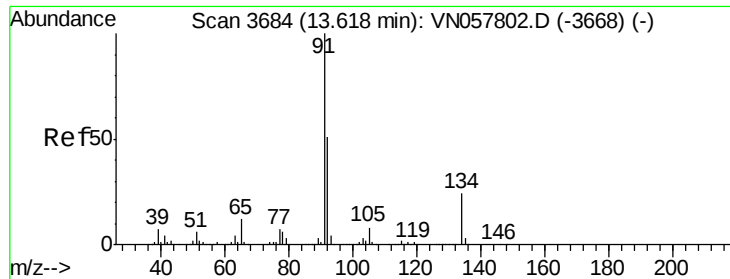
Tgt Ion:146 Resp: 564300
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.5 61.6
 148 62.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 46.941 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion:146 Resp: 559039
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.4 61.2
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 51.025 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

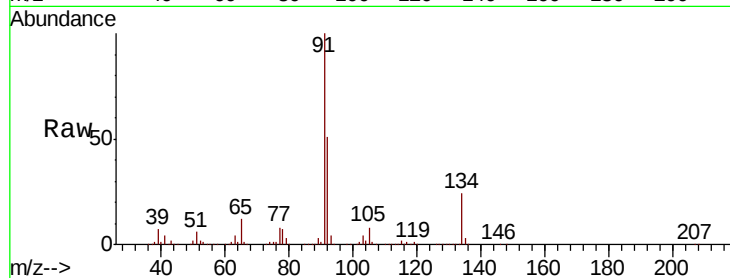
Tgt Ion: 91 Resp: 1083605

Ion Ratio Lower Upper

91 100

92 50.9 25.7 77.0

134 23.4 11.9 35.7

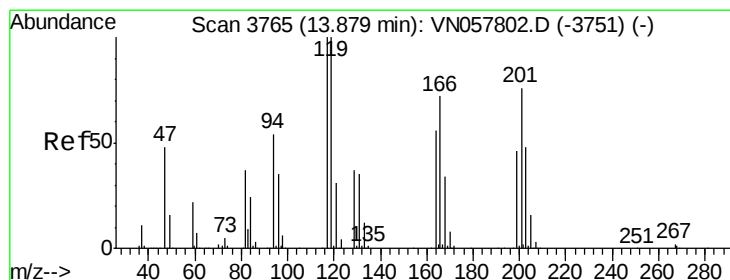
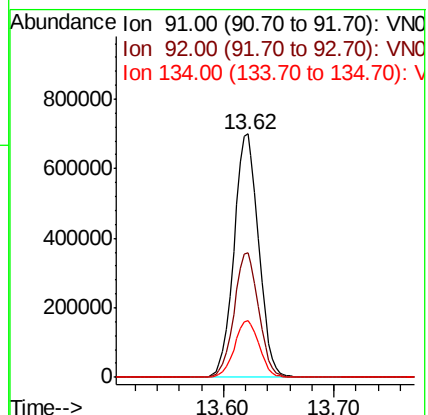
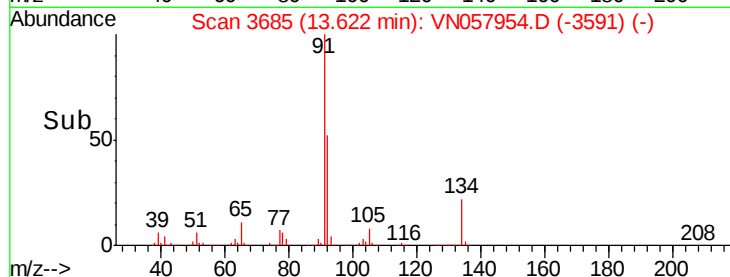


Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 50.676 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN057954.D

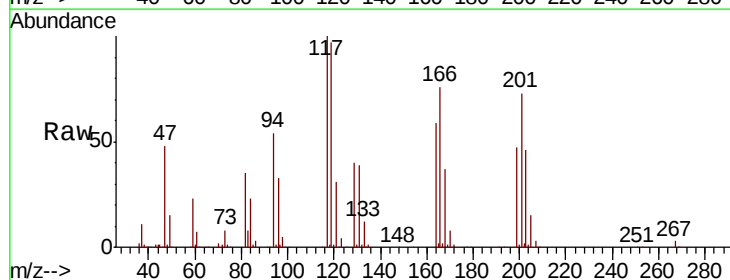
Acq: 12 Sep 2019 8:54

Tgt Ion: 117 Resp: 169482

Ion Ratio Lower Upper

117 100

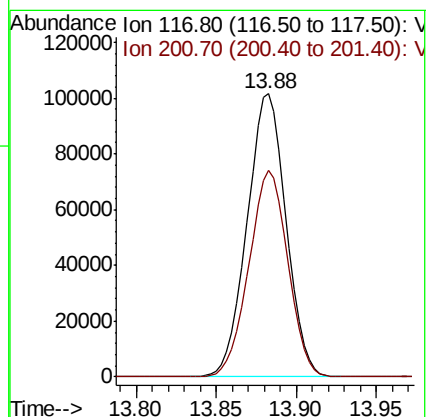
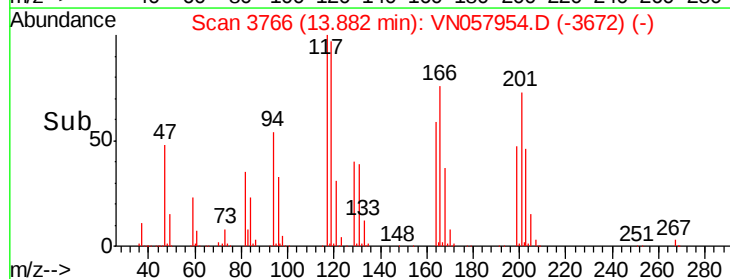
201 73.0 37.5 112.7

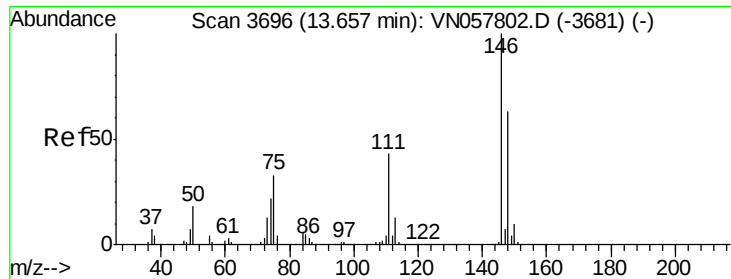


Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)

Time-->

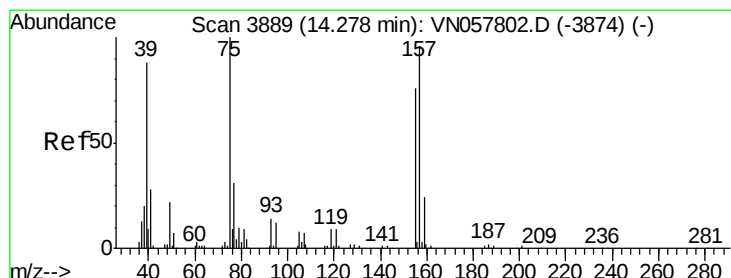
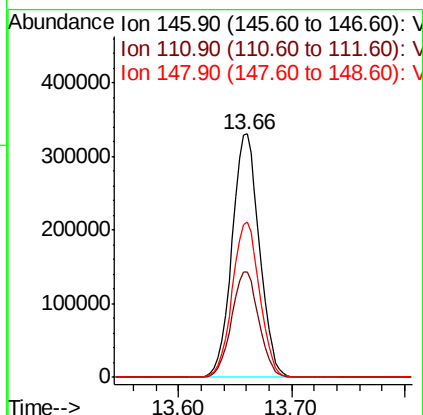
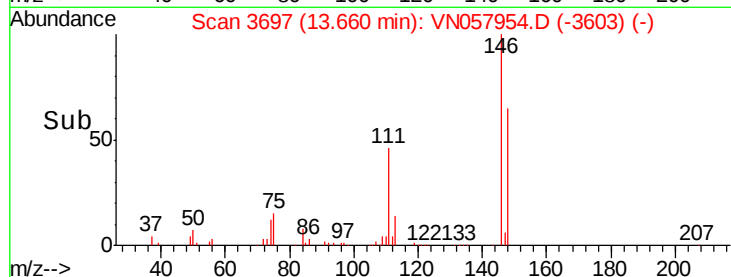
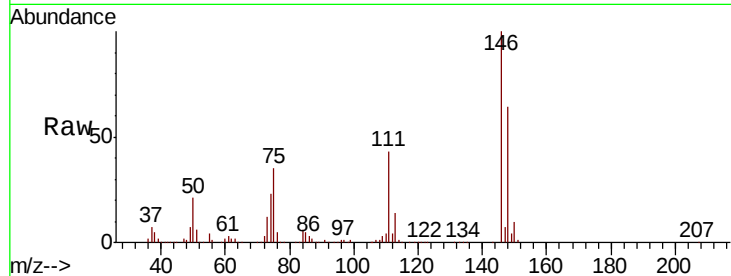




#91
 1,2-Dichlorobenzene
 Concen: 47.277 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

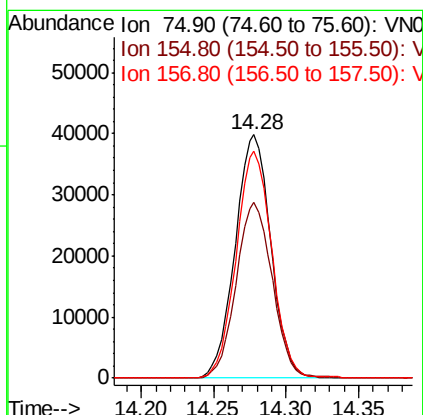
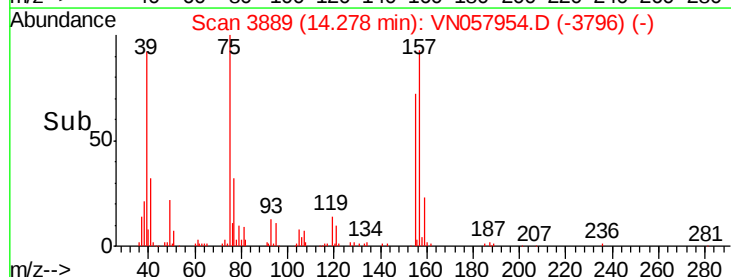
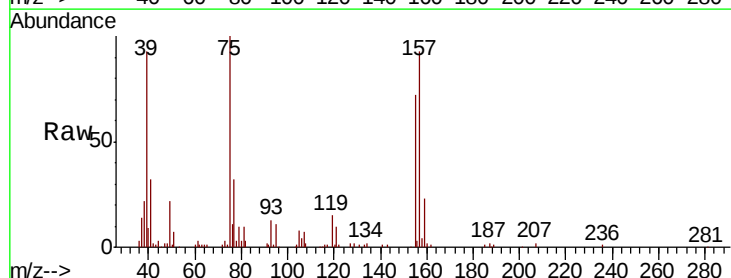
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

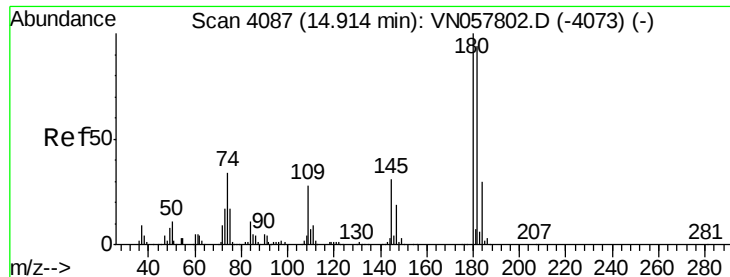
Tgt Ion: 146 Resp: 554164
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.3 63.9
 148 63.9 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.844 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion: 75 Resp: 68206
 Ion Ratio Lower Upper
 75 100
 155 72.6 37.3 111.8
 157 92.6 47.9 143.8

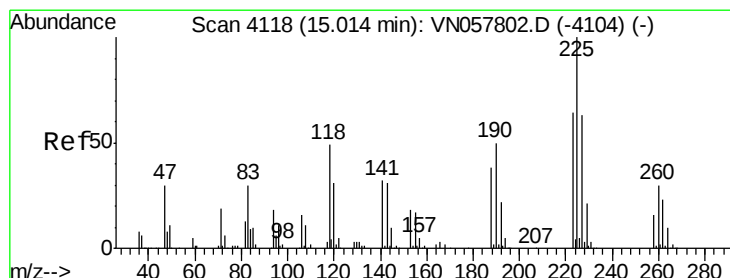
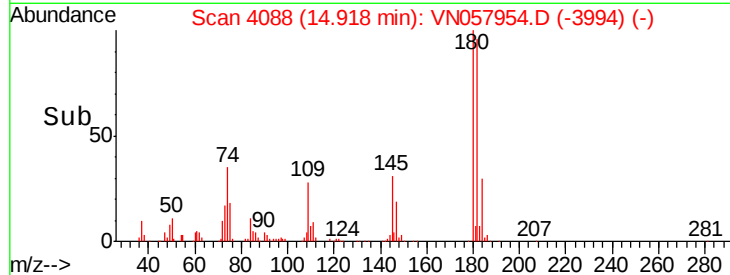
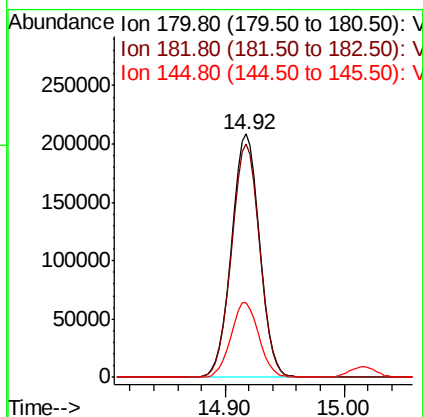
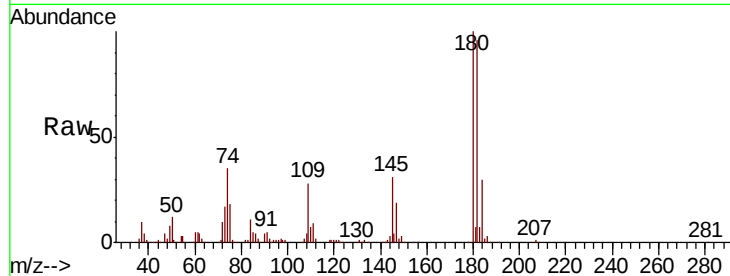




#93
 1,2,4-Trichlorobenzene
 Concen: 44.446 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

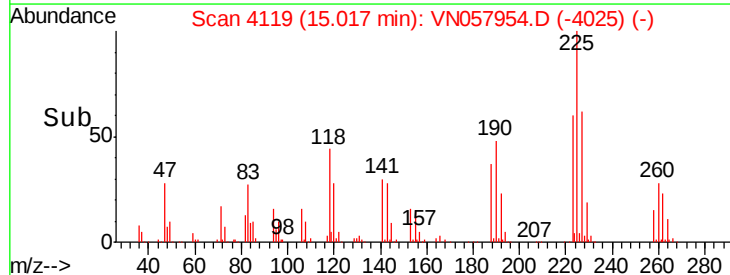
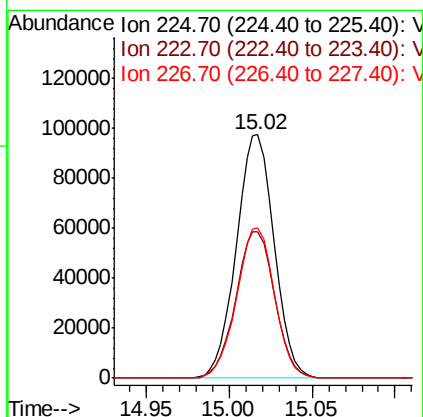
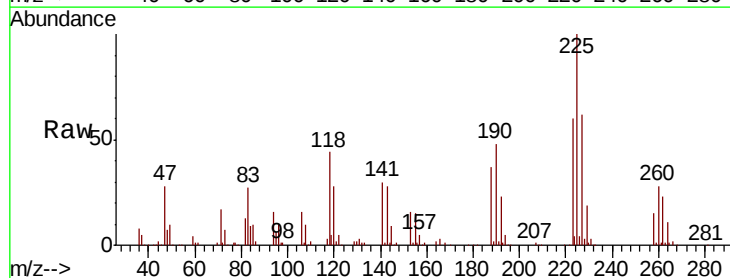
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

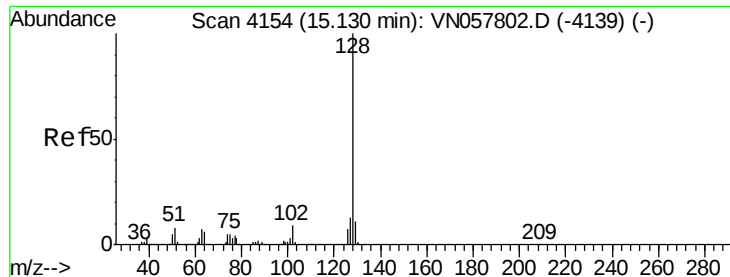
Tgt Ion:180 Resp: 340522
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.9 140.8
 145 30.6 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 47.643 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN057954.D
 Acq: 12 Sep 2019 8:54

Tgt Ion:225 Resp: 154732
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.4 97.2
 227 61.8 31.8 95.4





#95

Naphthalene

Concen: 48.282 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

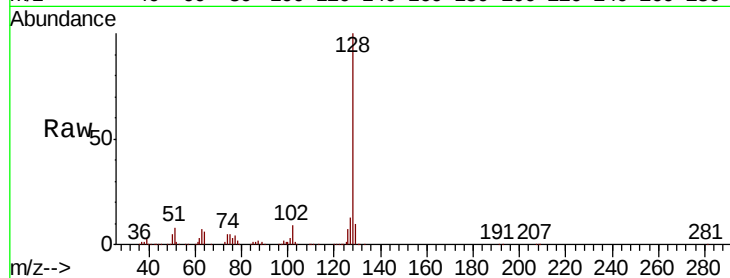
Tgt Ion:128 Resp: 934910

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

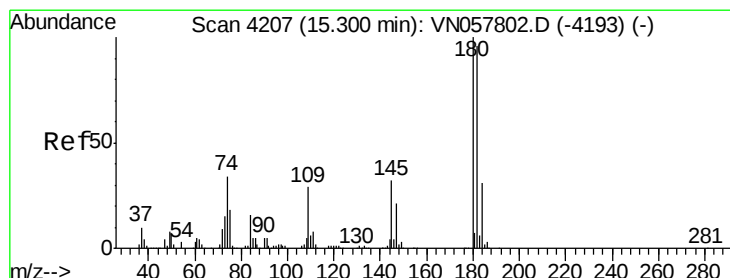
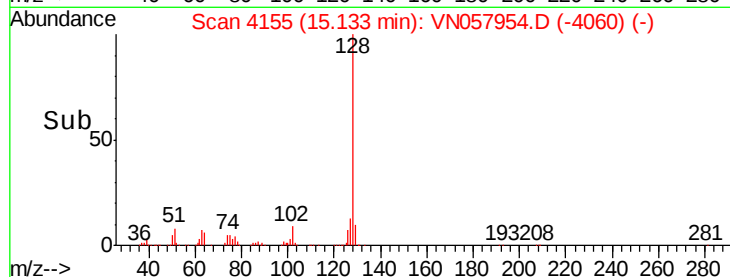
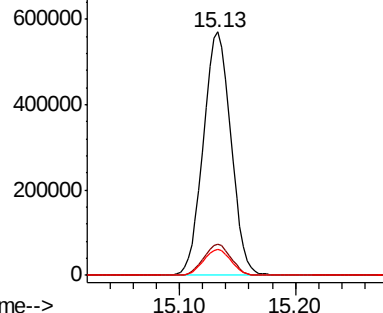
129 10.6 8.6 12.8



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: 47.628 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057954.D

Acq: 12 Sep 2019 8:54

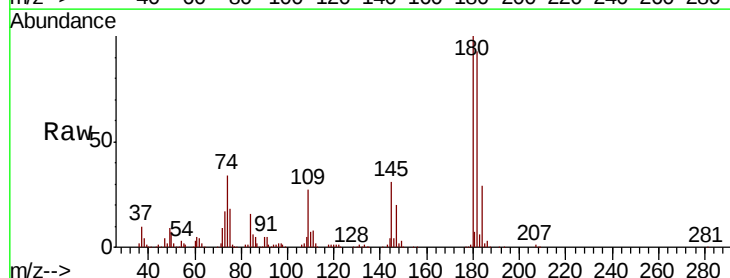
Tgt Ion:180 Resp: 318237

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 31.8 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

