

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056470.D
 Acq On : 25 Jun 2019 8:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 26 03:37:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	374672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	556859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	192876	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
35) Dibromofluoromethane	7.59	113	170333	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.09	98	648942	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.40	95	229230	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	152474	48.061	ug/l	99
3) Chloromethane	2.06	50	189289	43.819	ug/l	99
4) Vinyl Chloride	2.18	62	191192	45.825	ug/l	100
5) Bromomethane	2.51	94	91899	37.572	ug/l	100
6) Chloroethane	2.66	64	103730	42.932	ug/l	99
7) Trichlorofluoromethane	2.99	101	258331	47.866	ug/l	98
8) Diethyl Ether	3.40	74	108032	47.297	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	170509	49.542	ug/l	99
10) Methyl Iodide	3.94	142	224831	48.333	ug/l	100
11) Tert butyl alcohol	4.80	59	165362	236.437	ug/l	99
12) 1,1-Dichloroethene	3.72	96	157271	47.517	ug/l	97
13) Acrolein	3.60	56	126843	215.185	ug/l	99
14) Allyl chloride	4.31	41	270883	49.166	ug/l	99
15) Acrylonitrile	4.98	53	456655	236.014	ug/l	100
16) Acetone	3.82	43	535030	257.167	ug/l	100
17) Carbon Disulfide	4.04	76	335426	44.557	ug/l	99
18) Methyl Acetate	4.32	43	194761	47.758	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	533538	48.716	ug/l	99
20) Methylene Chloride	4.54	84	189815	48.369	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	168455	47.207	ug/l	96
22) Diisopropyl ether	5.95	45	575481	49.735	ug/l	98
23) Vinyl Acetate	5.89	43	2354867	258.030	ug/l	100
24) 1,1-Dichloroethane	5.84	63	326148	49.103	ug/l	100
25) 2-Butanone	6.83	43	690520	250.777	ug/l	99
26) 2,2-Dichloropropane	6.82	77	242132	52.414	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	204999	49.103	ug/l	100
28) Bromochloromethane	7.19	49	155026	47.187	ug/l	97
29) Tetrahydrofuran	7.21	42	400938	238.273	ug/l	99
30) Chloroform	7.37	83	324516	49.513	ug/l	99
31) Cyclohexane	7.65	56	294363	45.906	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	262658	50.559	ug/l	100
36) 1,1-Dichloropropene	7.79	75	238065	48.571	ug/l	98
37) Ethyl Acetate	6.93	43	242823	50.412	ug/l	99
38) Carbon Tetrachloride	7.77	117	219953	51.317	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	300387	49.668	ug/l	98
40) Benzene	8.04	78	743775	49.333	ug/l	99
41) Methacrylonitrile	7.21	41	348475	163.836	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	242474	48.733	ug/l	99
43) Isopropyl Acetate	8.16	43	390184	52.534	ug/l #	91
44) Trichloroethene	8.83	130	205185	50.522	ug/l	99
45) 1,2-Dichloropropane	9.12	63	205079	50.863	ug/l	100
46) Dibromomethane	9.20	93	128211	50.825	ug/l	99
47) Bromodichloromethane	9.40	83	242052	54.102	ug/l	100
48) Methyl methacrylate	9.20	41	188200	50.564	ug/l	99
49) 1,4-Dioxane	9.20	88	81609	1056.573	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1207654	251.916	ug/l	99
52) Toluene	10.15	92	463821	50.320	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	261363	50.148	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	301569	55.974	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191522	51.692	ug/l	99
56) Ethyl methacrylate	10.43	69	283982	52.447	ug/l	100
57) 1,3-Dichloropropane	10.71	76	317021	50.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	489735	251.764	ug/l	99
59) 2-Hexanone	10.75	43	881928	250.311	ug/l	100
60) Dibromochloromethane	10.90	129	190560	50.036	ug/l	100
61) 1,2-Dibromoethane	11.00	107	194923	51.511	ug/l	98
64) Tetrachloroethene	10.63	164	202502	51.535	ug/l	99
65) Chlorobenzene	11.43	112	503751	50.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	184085	54.630	ug/l	99
67) Ethyl Benzene	11.51	91	886346	50.631	ug/l	100
68) m/p-Xylenes	11.62	106	670617	104.529	ug/l	100
69) o-Xylene	11.95	106	328558	51.764	ug/l	99
70) Styrene	11.96	104	551619	54.371	ug/l	99
71) Bromoform	12.13	173	135211	49.755	ug/l #	99
73) Isopropylbenzene	12.25	105	877230	53.512	ug/l	100
74) N-amyl acetate	12.07	43	319087	45.775	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	262978	51.742	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	312929	68.902	ug/l #	100
77) Bromobenzene	12.52	156	228907	46.739	ug/l	99
78) n-propylbenzene	12.59	91	969809	48.351	ug/l	100
79) 2-Chlorotoluene	12.67	91	588098	53.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	732385	53.279	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	70097	54.856	ug/l	93
82) 4-Chlorotoluene	12.77	91	578294	48.830	ug/l	100
83) tert-Butylbenzene	12.99	119	644395	53.862	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	713924	48.418	ug/l	99
85) sec-Butylbenzene	13.17	105	848911	48.152	ug/l	100
86) p-Isopropyltoluene	13.29	119	748657	49.482	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	375126	50.543	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	362598	50.445	ug/l	99
89) n-Butylbenzene	13.61	91	576874	50.366	ug/l	100
90) Hexachloroethane	13.87	117	120350	51.021	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	370386	50.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40460	49.924	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

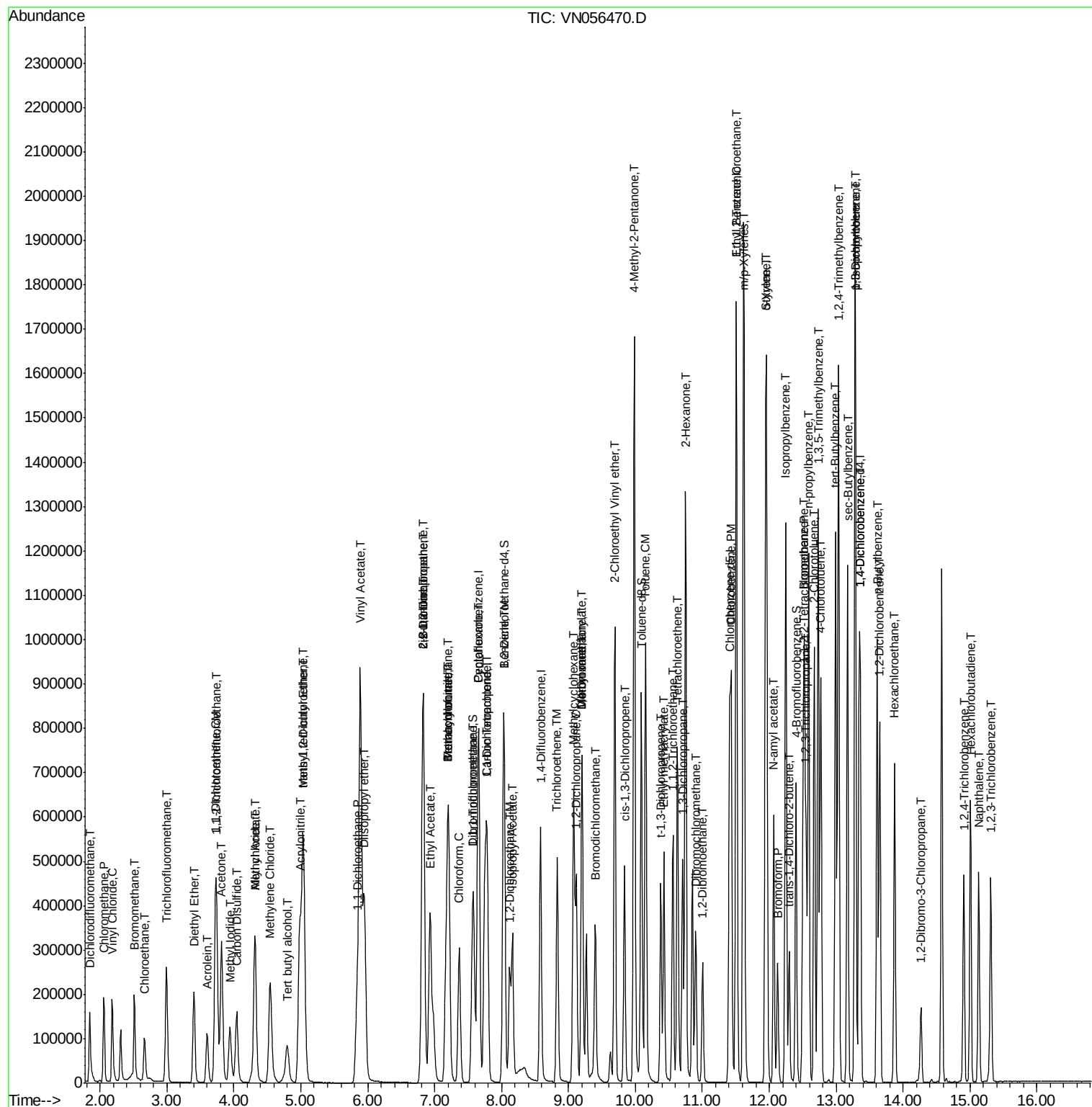
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	165102	43.834	ug/l	99
94) Hexachlorobutadiene	15.01	225	140135	56.396	ug/l	99
95) Naphthalene	15.13	128	414167	42.236	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	175882	44.779	ug/l	99

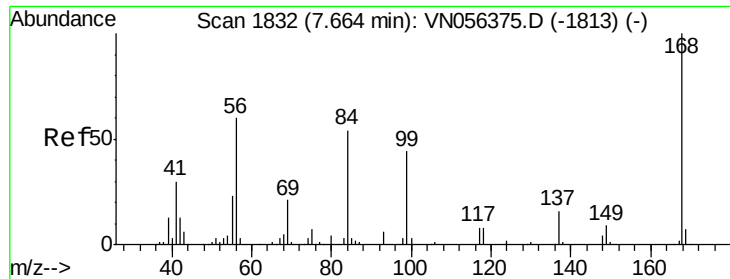
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

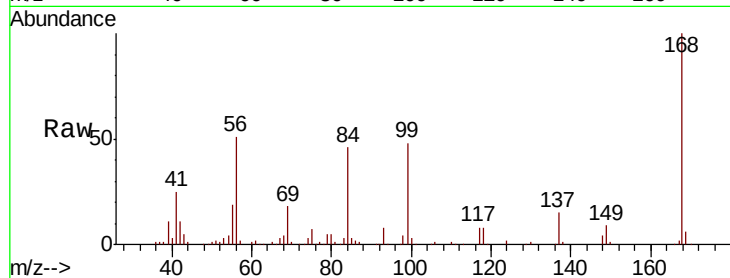
VSTDCCC050

Tot Ion:168 Resp: 374672

Ion Ratio Lower Upper

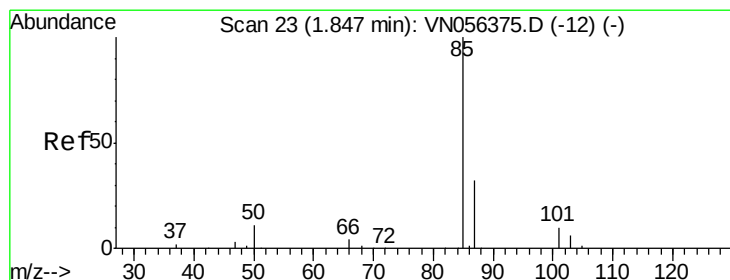
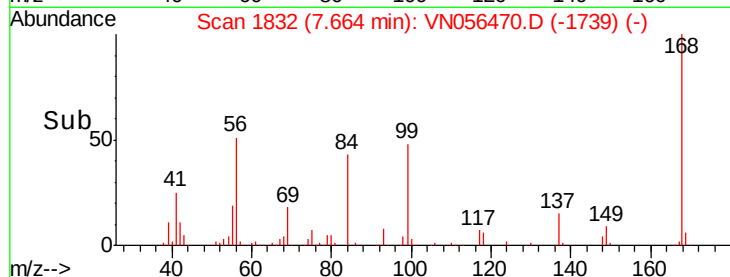
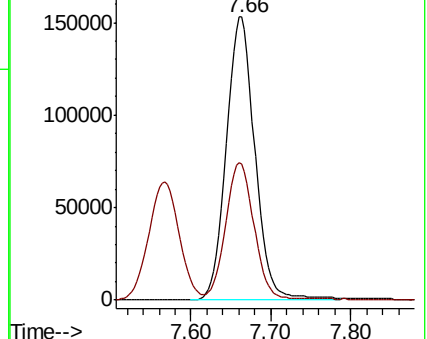
168 100

99 47.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 48.061 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056470.D

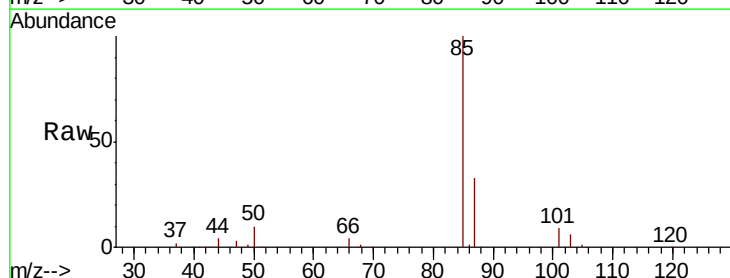
Acq: 25 Jun 2019 8:38

Tgt Ion: 85 Resp: 152474

Ion Ratio Lower Upper

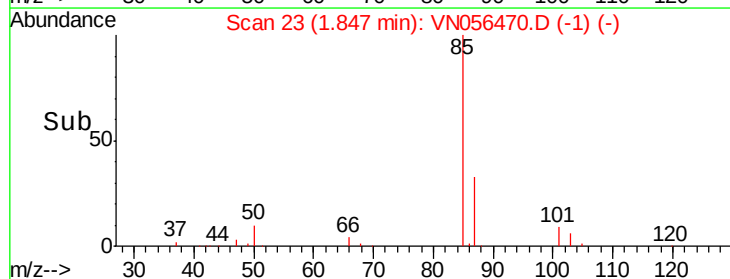
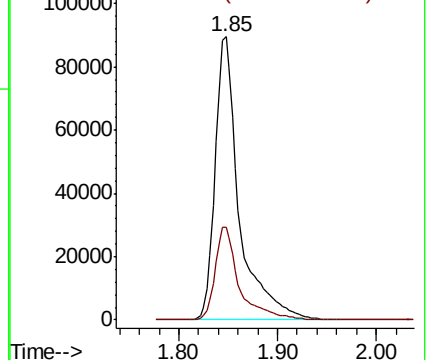
85 100

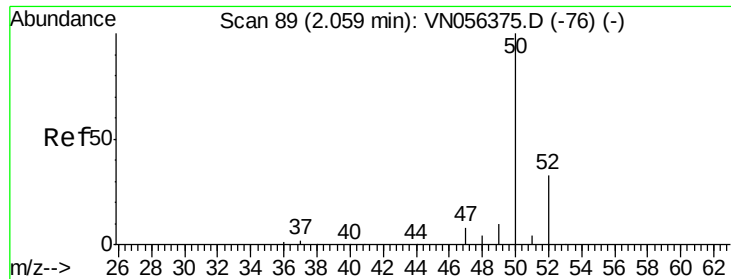
87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 43.819 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

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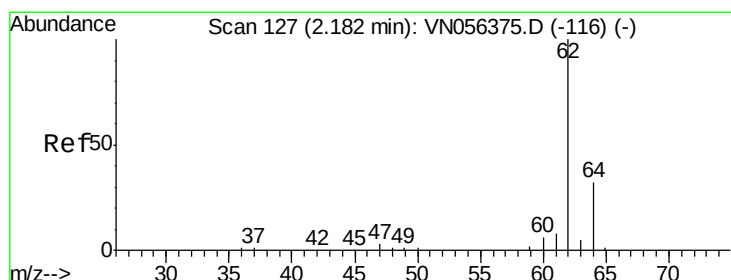
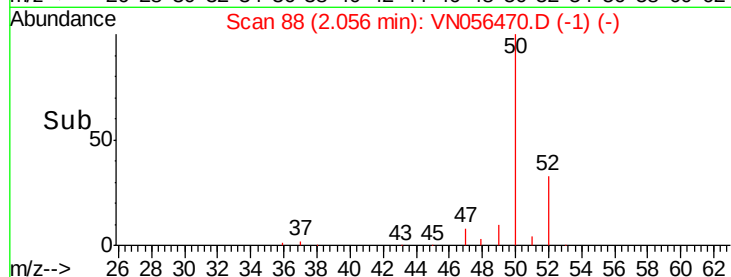
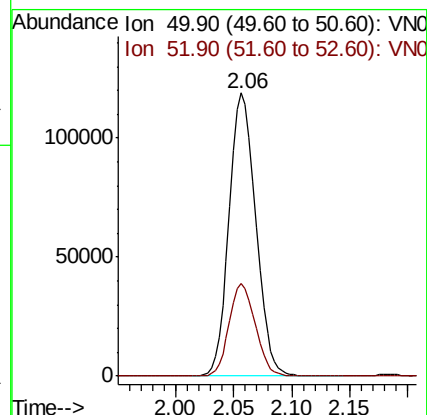
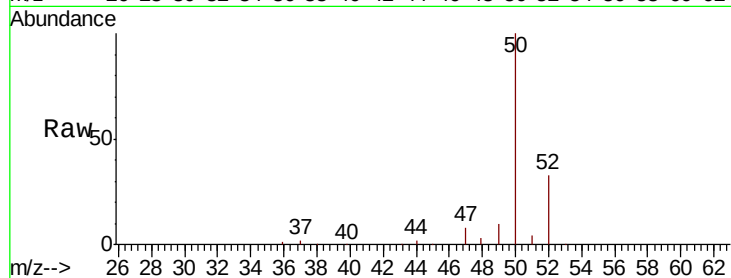
VSTDCCC050

Tot Ion: 50 Resp: 189289

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 45.825 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056470.D

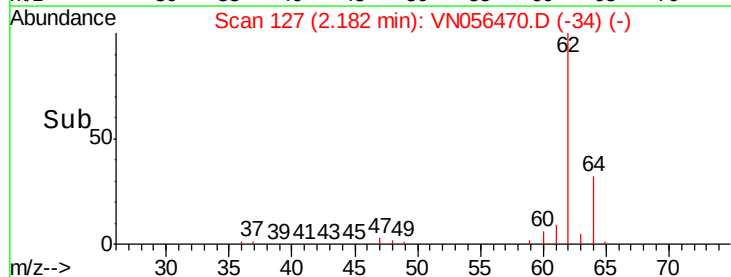
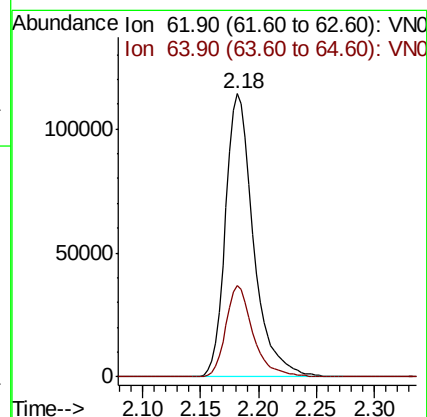
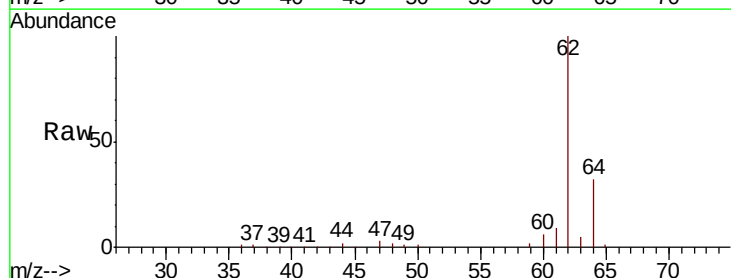
Acq: 25 Jun 2019 8:38

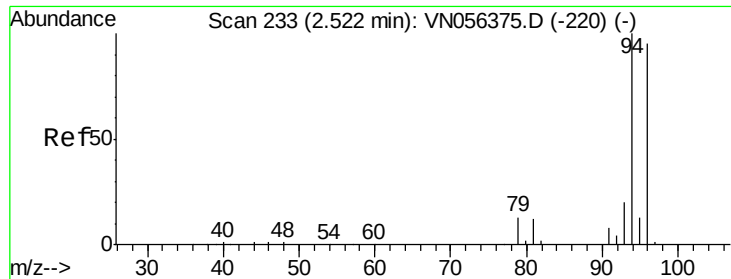
Tgt Ion: 62 Resp: 191192

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5

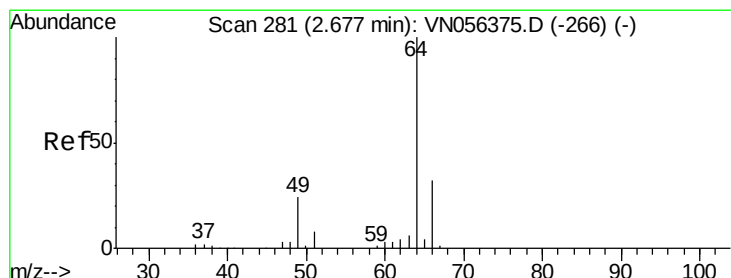
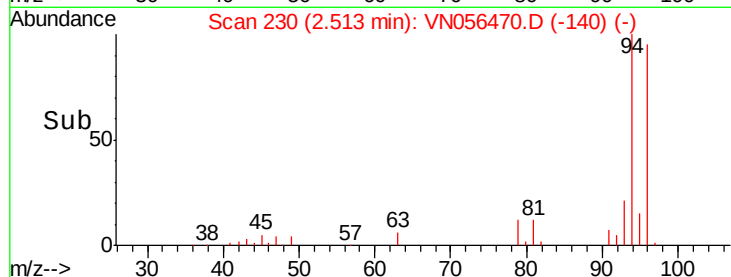
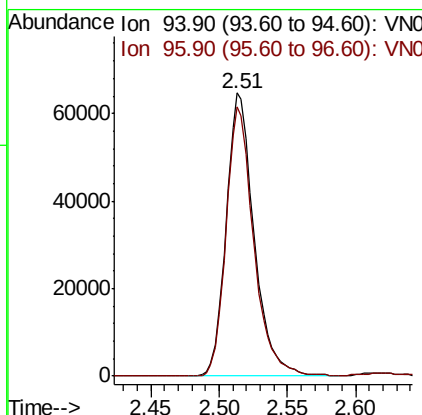
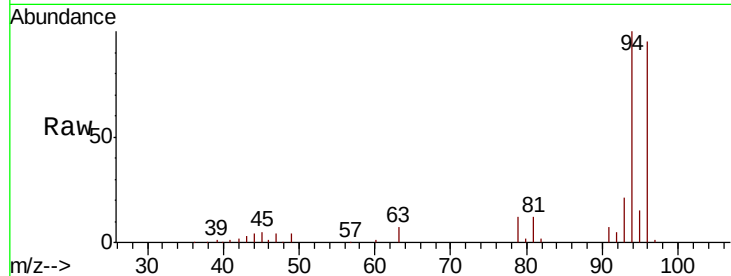




#5
Bromomethane
Concen: 37.572 ug/l
RT: 2.51 min Scan# 230
Delta R.T. -0.01 min
Lab File: VN056470.D
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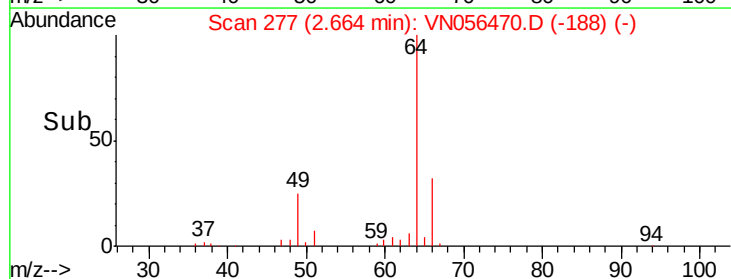
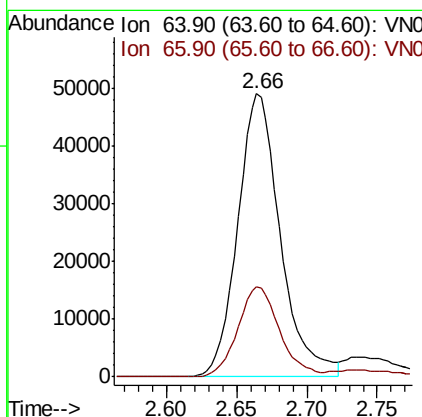
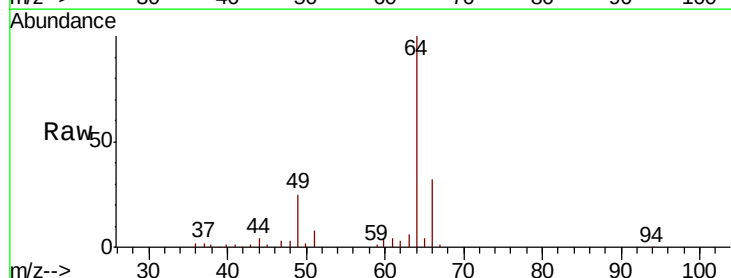
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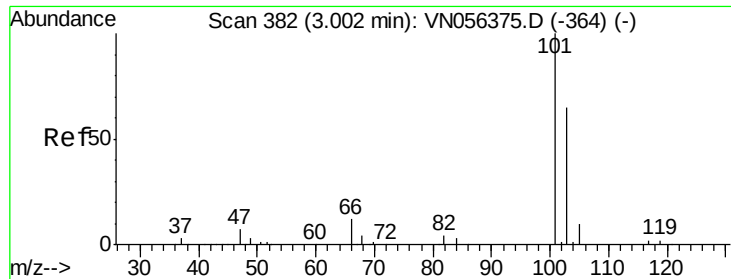
Tot Ion: 94 Resp: 91899
Ion Ratio Lower Upper
94 100
96 95.2 76.0 114.0



#6
Chloroethane
Concen: 42.932 ug/l
RT: 2.66 min Scan# 277
Delta R.T. -0.01 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 64 Resp: 103730
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8



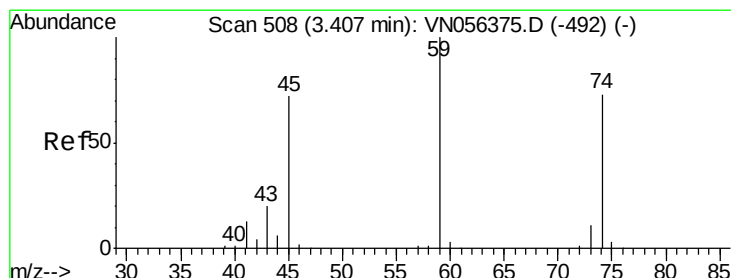
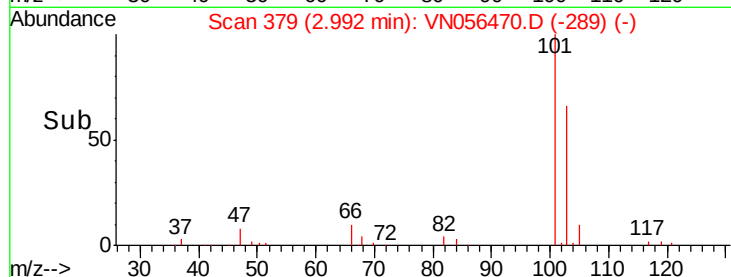
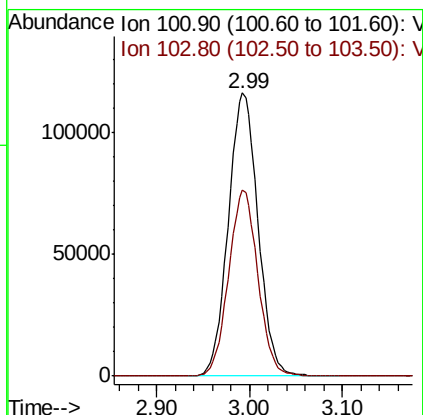
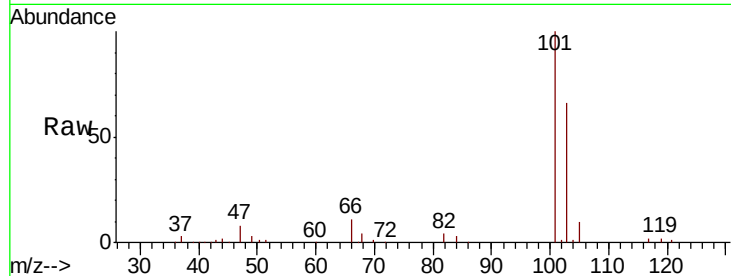


#7

Trichlorofluoromethane
Concen: 47.866 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
Lab File: VN056470.D
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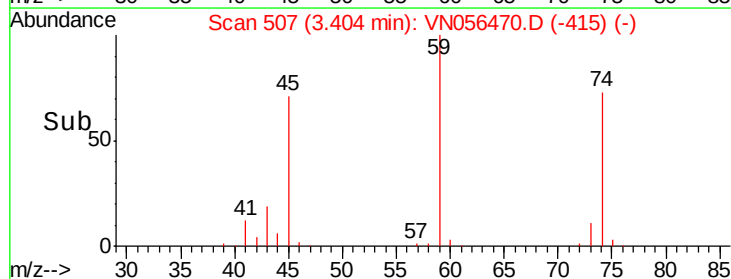
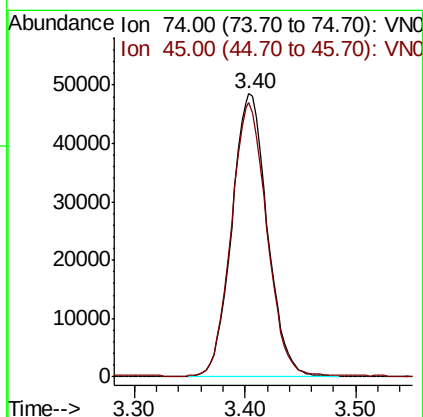
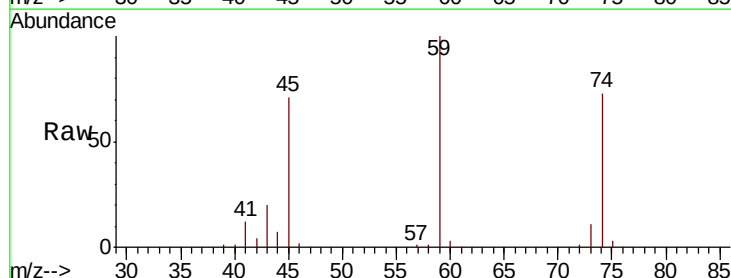
Tot Ion:101 Resp: 258331
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

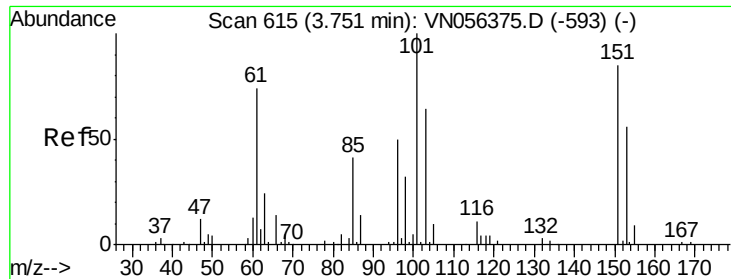


#8

Diethyl Ether
Concen: 47.297 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 74 Resp: 108032
Ion Ratio Lower Upper
74 100
45 97.7 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.542 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

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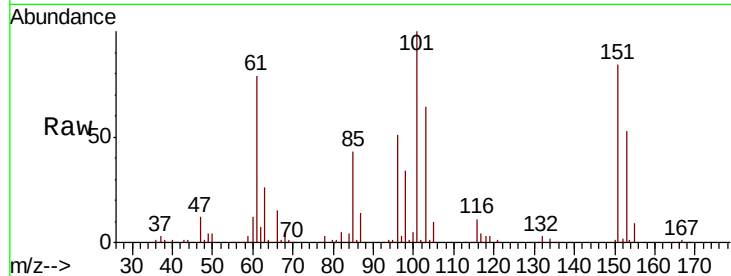
Tot Ion:101 Resp: 170509

Ion Ratio Lower Upper

101 100

85 41.8 32.7 49.1

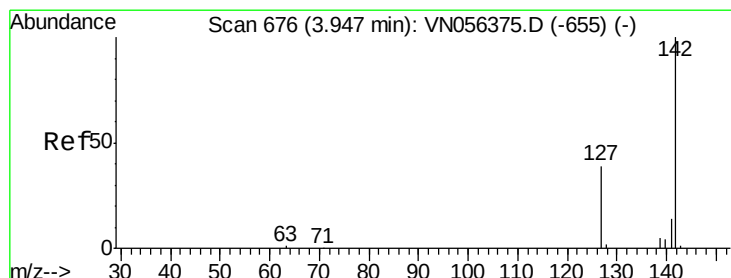
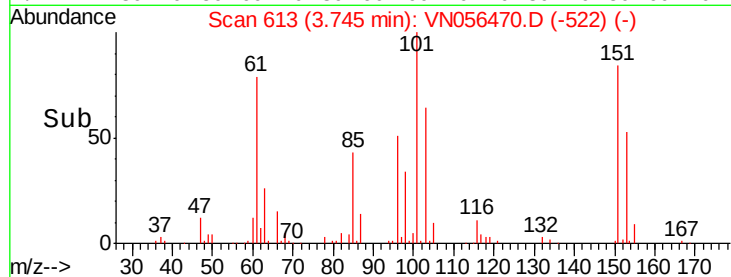
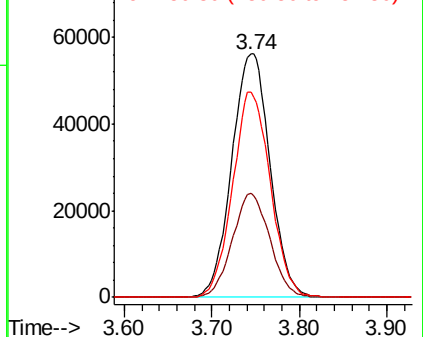
151 82.9 66.8 100.2



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: 48.333 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.01 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

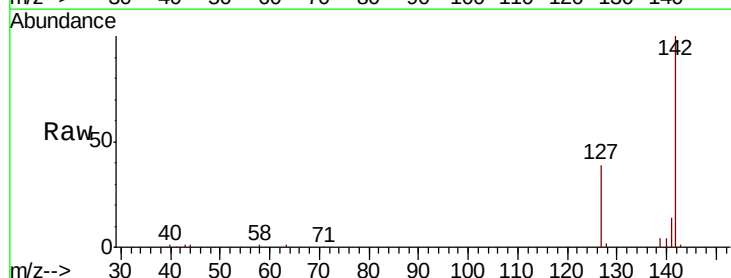
Tgt Ion:142 Resp: 224831

Ion Ratio Lower Upper

142 100

127 38.4 30.6 46.0

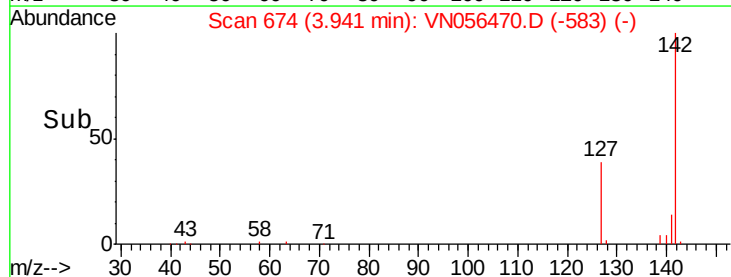
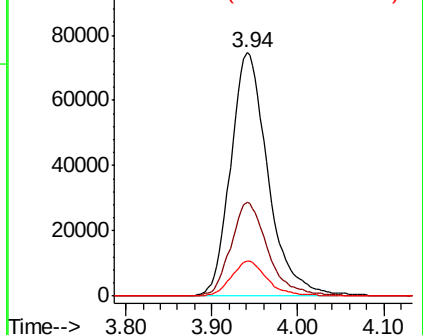
141 13.9 11.4 17.2

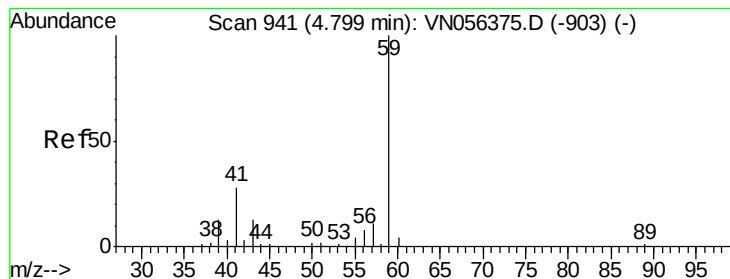


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 236.437 ug/l

RT: 4.80 min Scan# 940

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

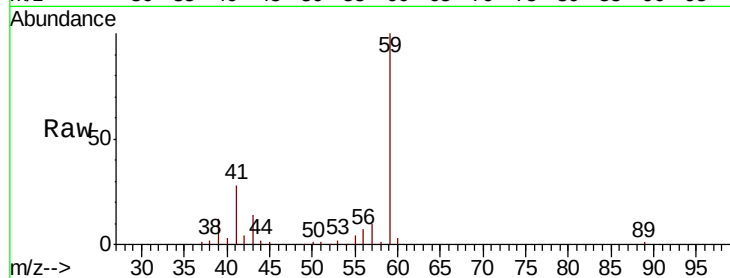
VSTDCCC050

Tot Ion: 59 Resp: 165362

Ion Ratio Lower Upper

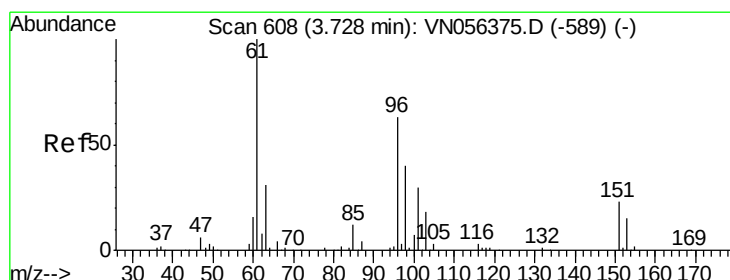
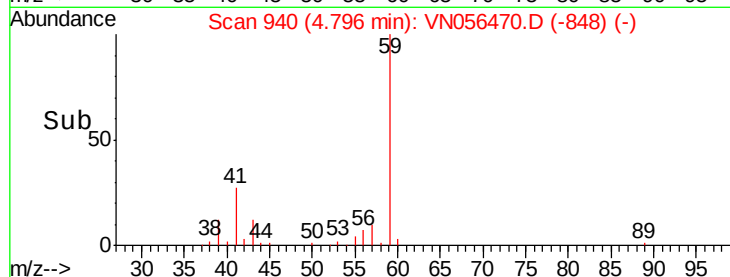
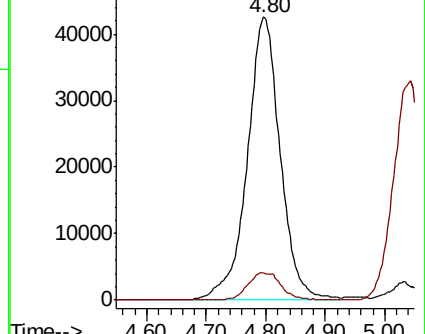
59 100

57 9.7 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 47.517 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.01 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

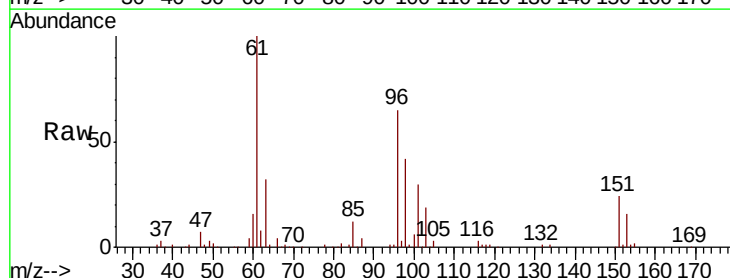
Tgt Ion: 96 Resp: 157271

Ion Ratio Lower Upper

96 100

61 153.8 126.6 190.0

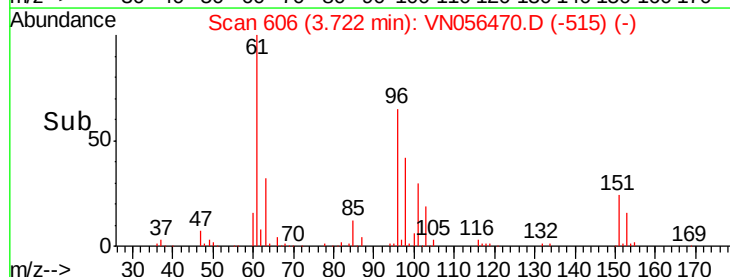
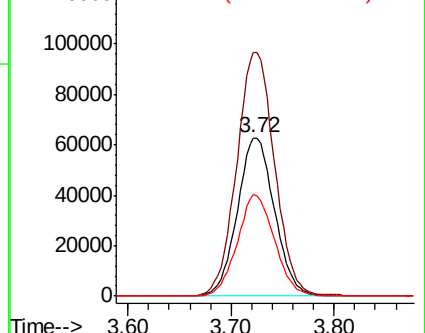
98 64.0 51.1 76.7

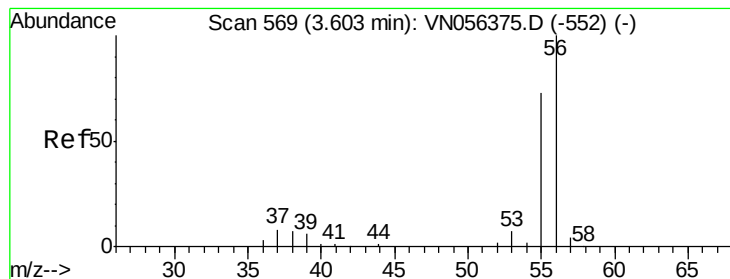


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 215.185 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

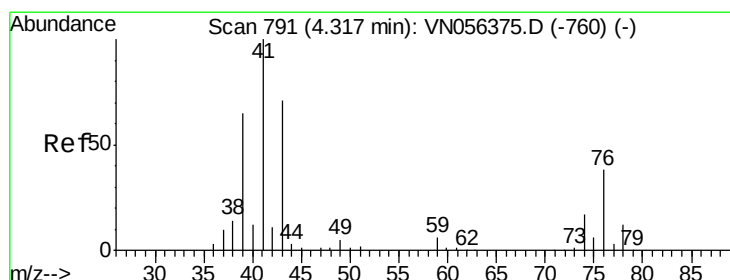
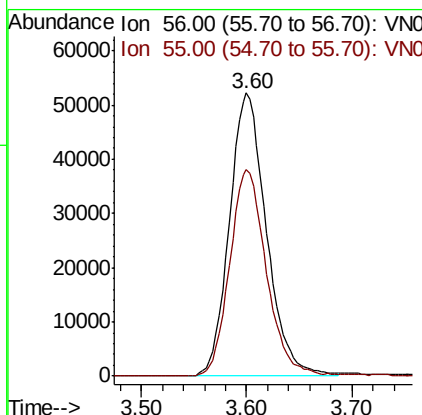
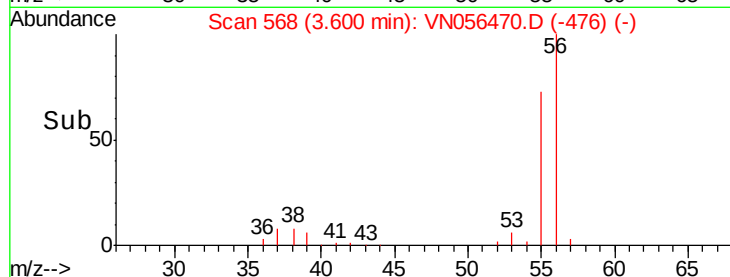
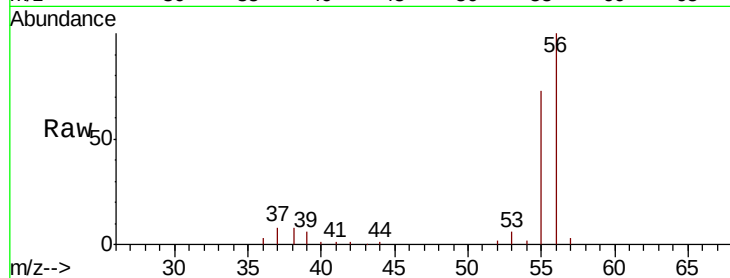
VSTDCCC050

Tot Ion: 56 Resp: 126843

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



#14

Allyl chloride

Concen: 49.166 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

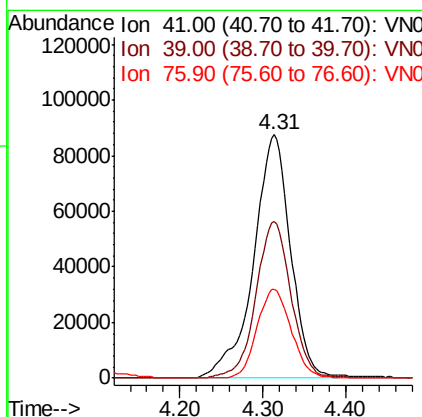
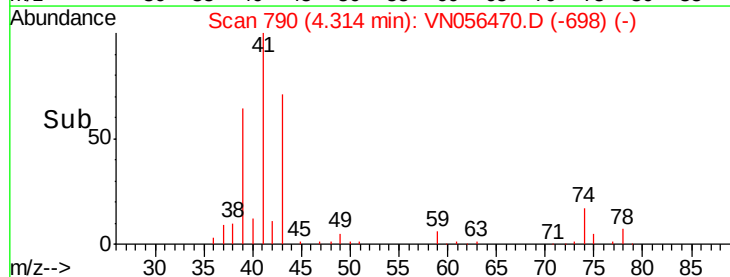
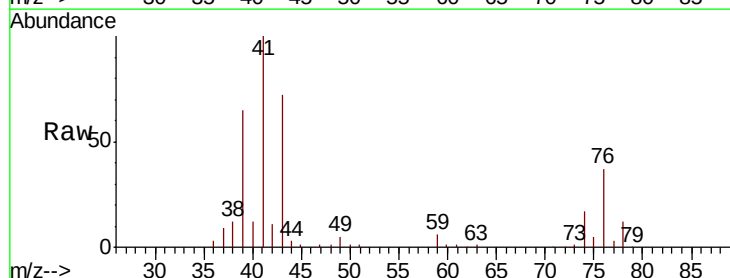
Tgt Ion: 41 Resp: 270883

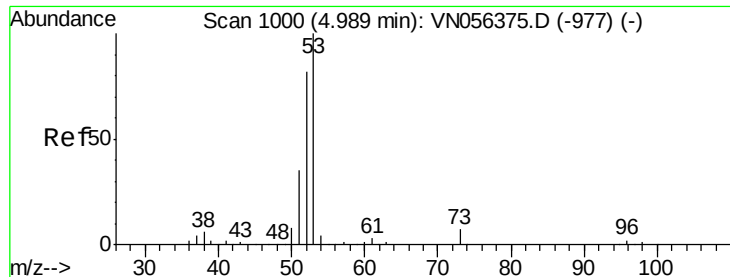
Ion Ratio Lower Upper

41 100

39 61.3 48.6 73.0

76 33.7 26.6 40.0

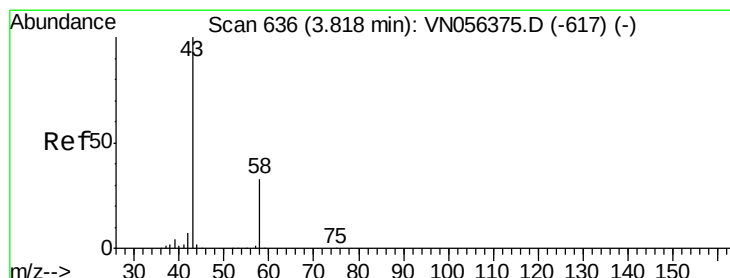
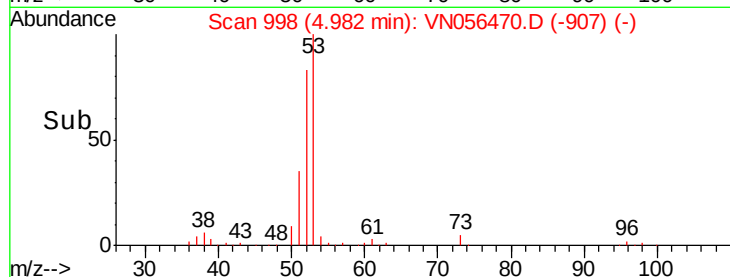
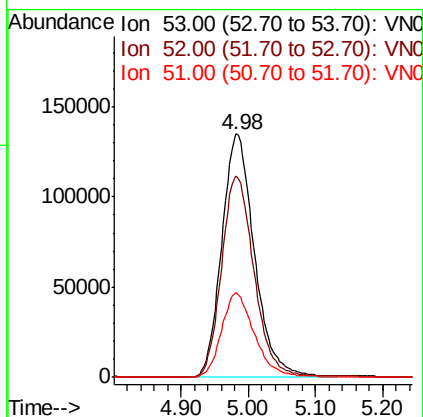
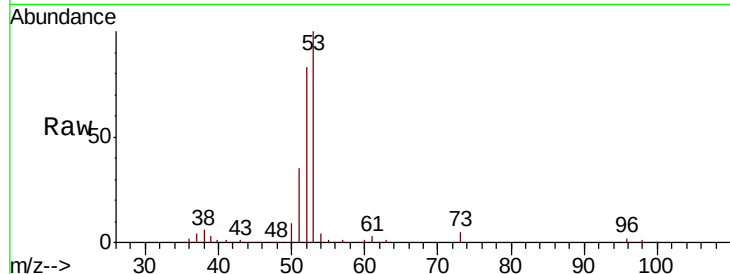




#15
 Acrylonitrile
 Concen: 236.014 ug/l
 RT: 4.98 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

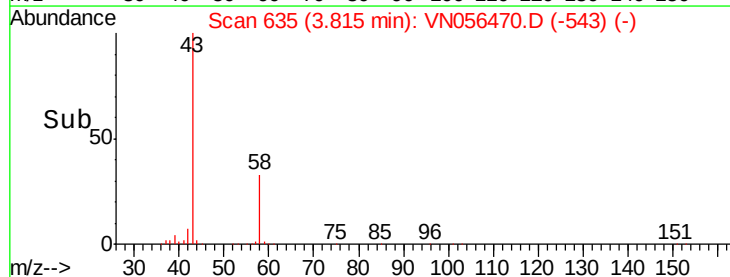
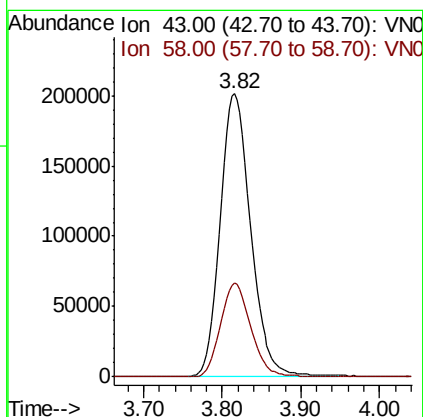
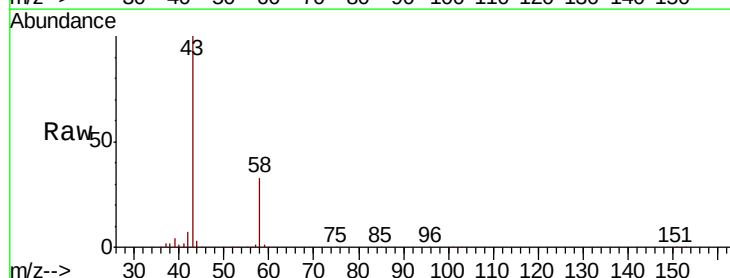
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

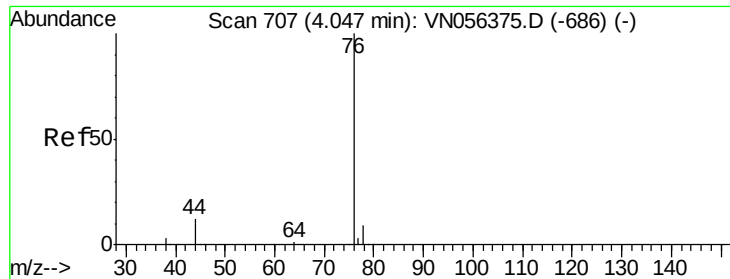
Tot Ion	53	Resp	456655
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.9	98.9
51	35.1	28.3	42.5



#16
 Acetone
 Concen: 257.167 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion	43	Resp	535030
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.4	39.6





#17

Carbon Disulfide

Concen: 44.557 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

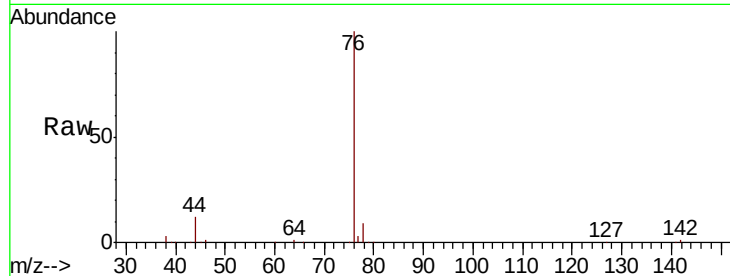
VSTDCCC050

Tot Ion: 76 Resp: 335426

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.04

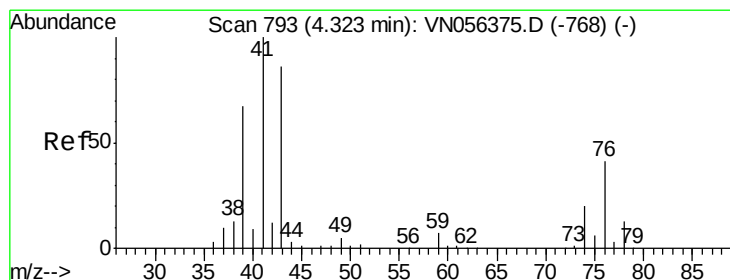
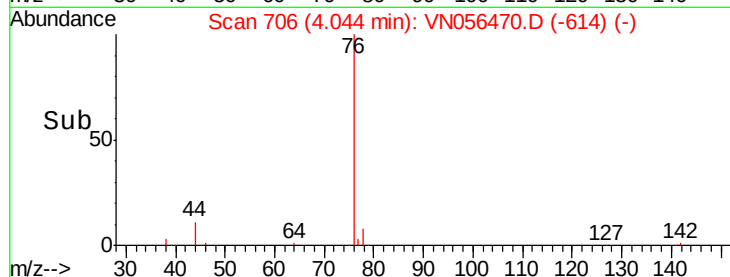
100000

50000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 47.758 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056470.D

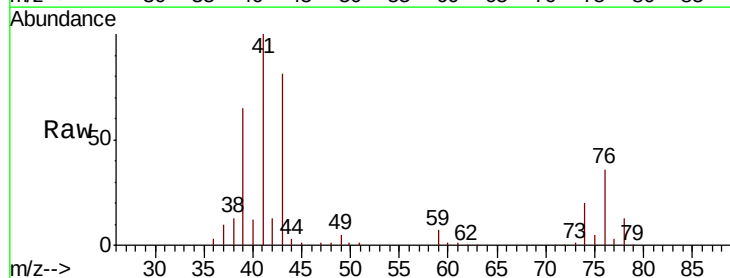
Acq: 25 Jun 2019 8:38

Tgt Ion: 43 Resp: 194761

Ion Ratio Lower Upper

43 100

74 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.32

60000

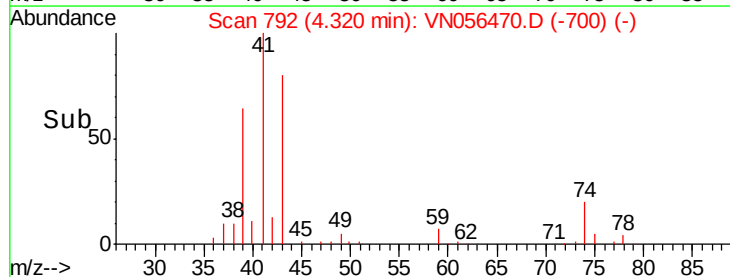
40000

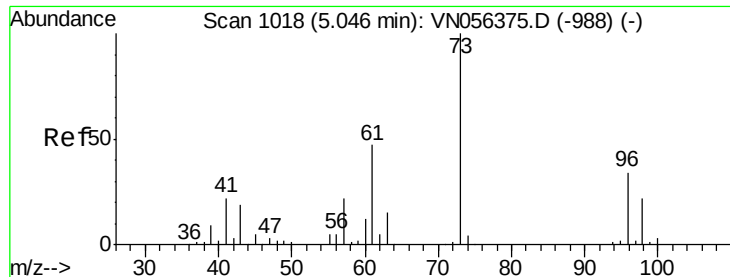
20000

0

Time-->

4.20 4.30 4.40 4.50

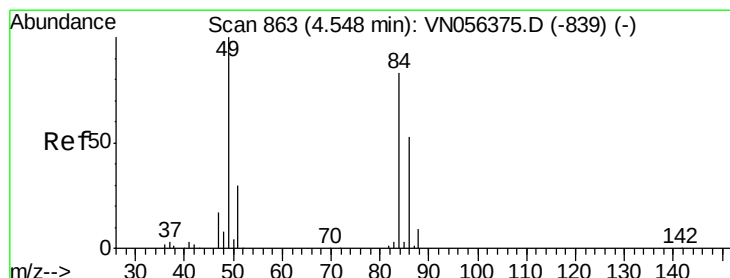
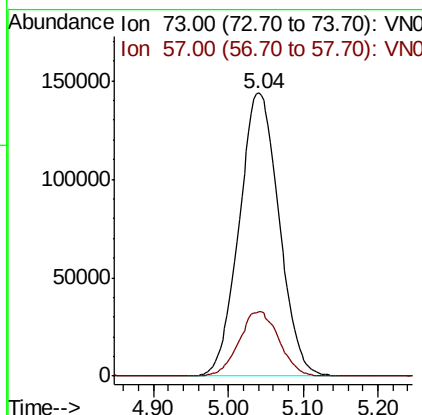
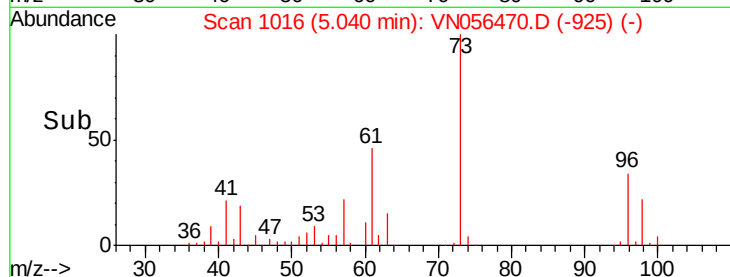
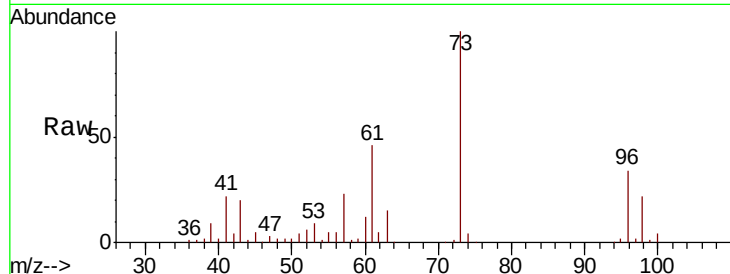




#19
Methyl tert-butyl Ether
Concen: 48.716 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

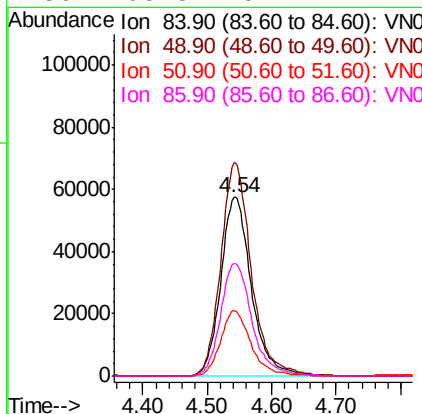
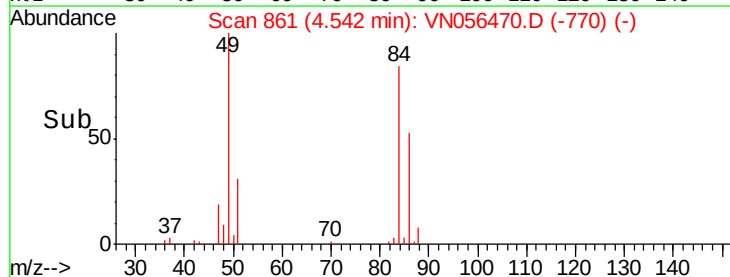
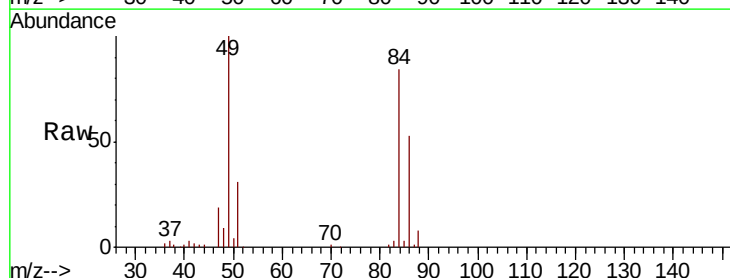
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

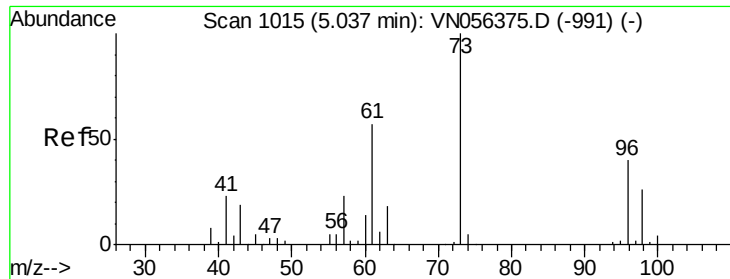
Tot Ion: 73 Resp: 533538
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9



#20
Methylene Chloride
Concen: 48.369 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 84 Resp: 189815
Ion Ratio Lower Upper
84 100
49 119.4 96.4 144.6
51 36.8 28.6 43.0
86 63.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.207 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. -0.00 min

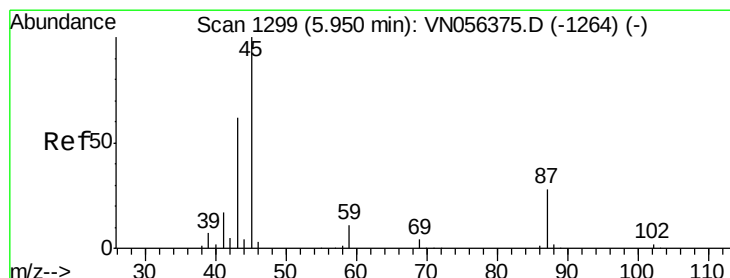
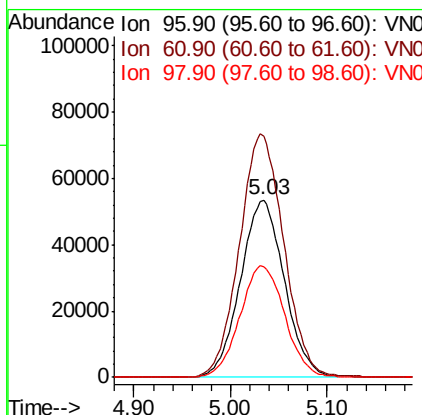
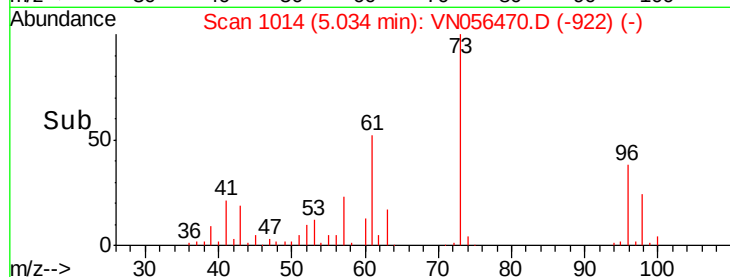
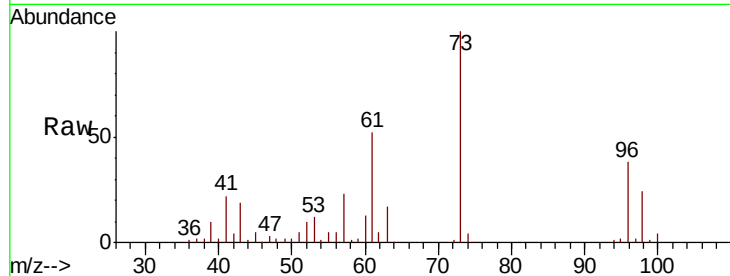
Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 168455

Ion	Ratio	Lower	Upper
96	100		
61	136.3	113.0	169.6
98	62.5	52.2	78.2



#22

Diisopropyl ether

Concen: 49.735 ug/l

RT: 5.95 min Scan# 1298

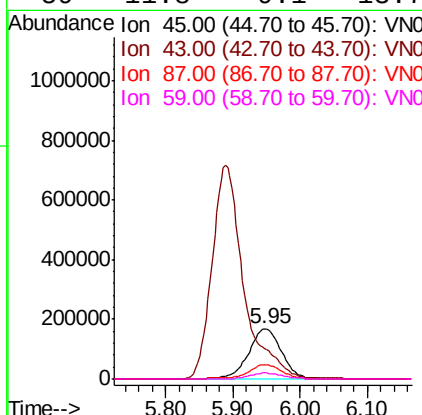
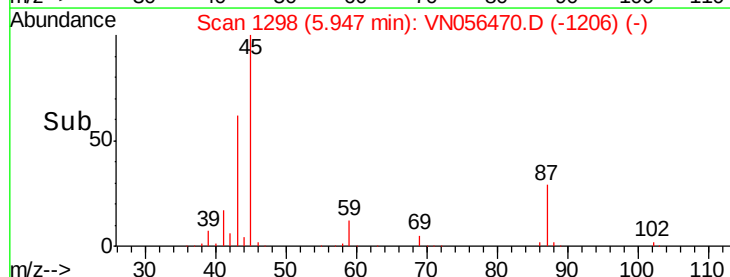
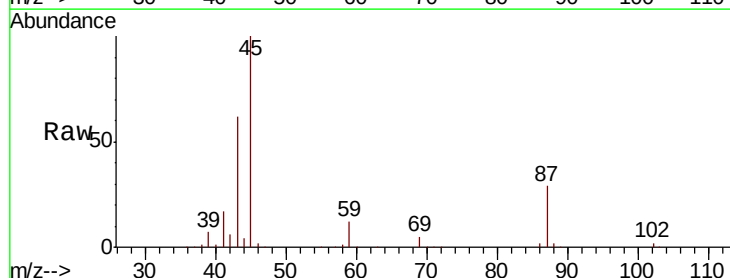
Delta R.T. -0.00 min

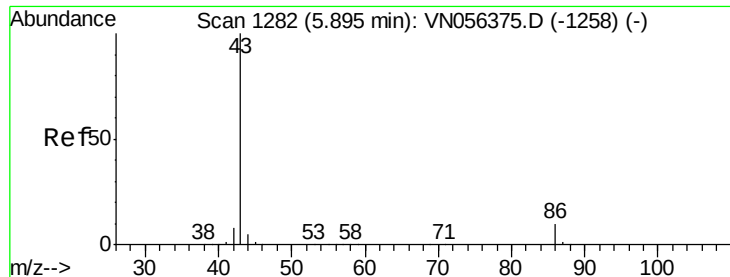
Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Tgt Ion: 45 Resp: 575481

Ion	Ratio	Lower	Upper
45	100		
43	60.9	50.4	75.6
87	28.7	23.0	34.4
59	11.8	9.1	13.7

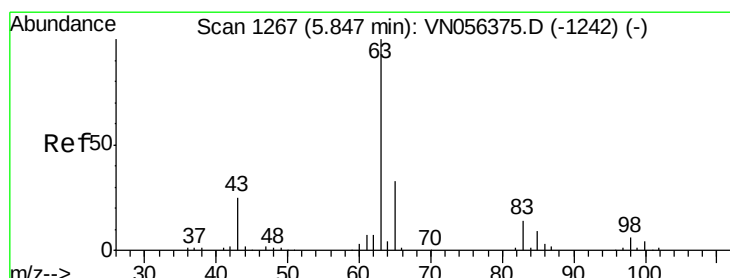
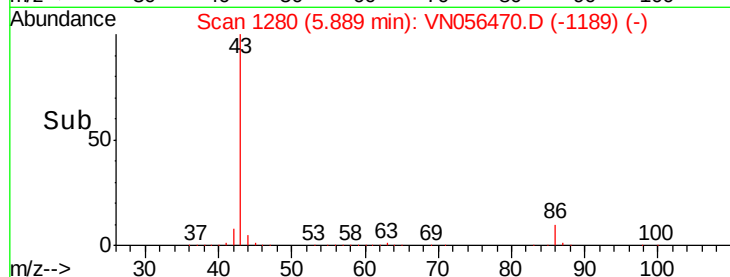
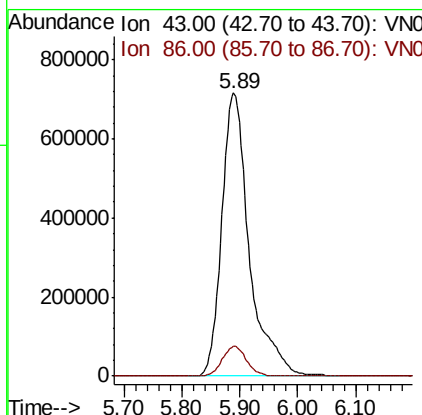
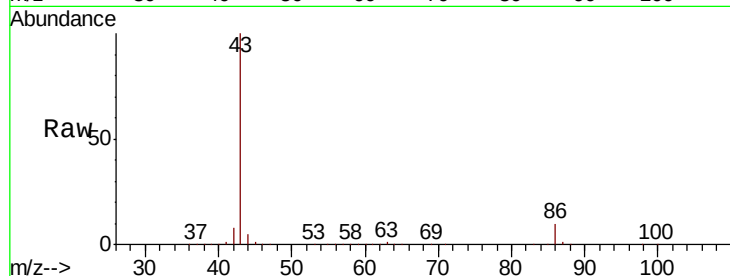




#23
 Vinyl Acetate
 Concen: 258.030 ug/l
 RT: 5.89 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

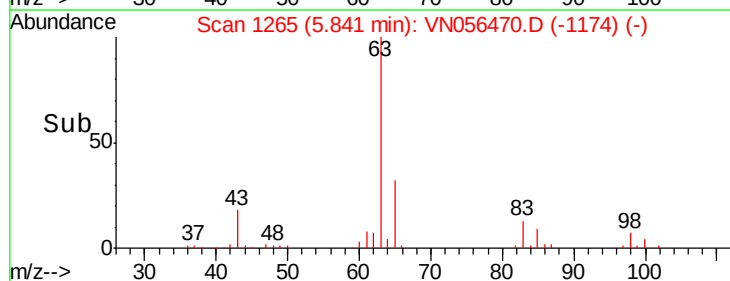
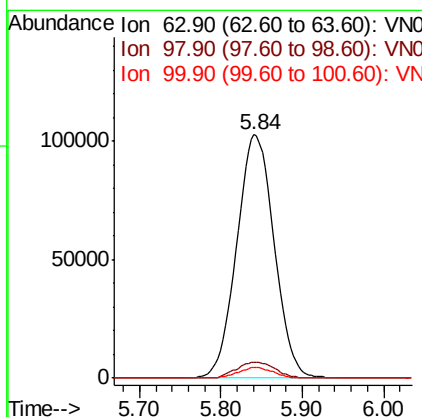
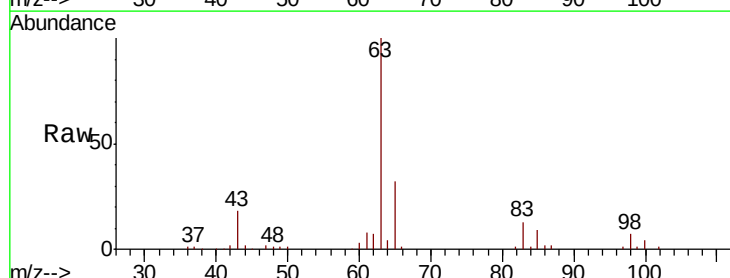
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

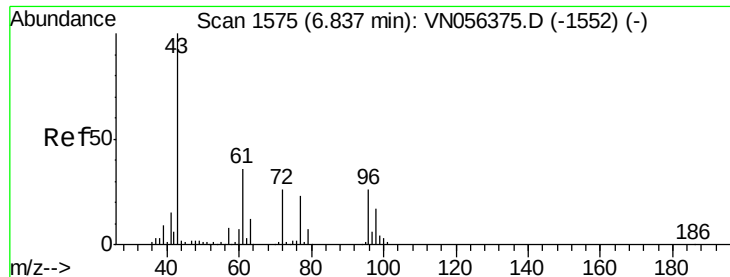
Tot Ion: 43 Resp: 2354867
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 49.103 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion: 63 Resp: 326148
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 250.777 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

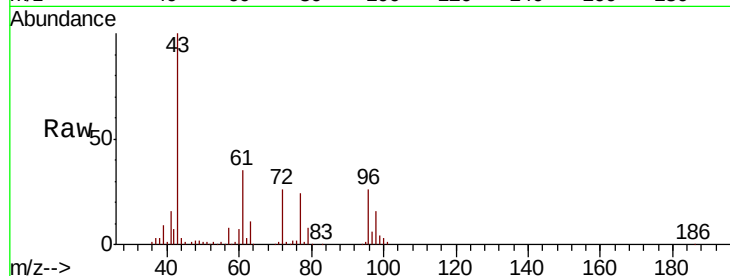
VSTDCCC050

Tot Ion: 43 Resp: 690520

Ion Ratio Lower Upper

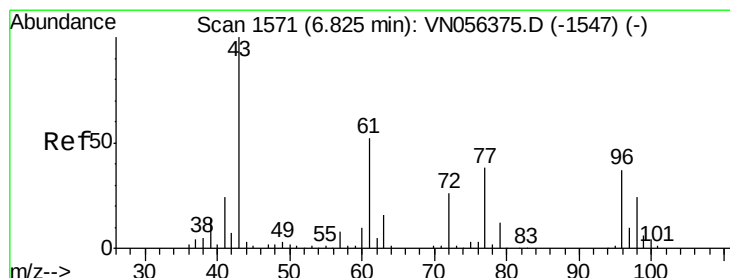
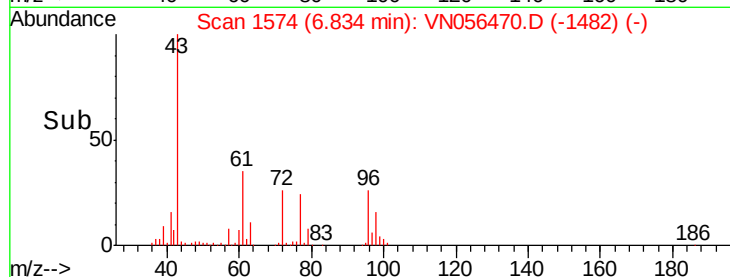
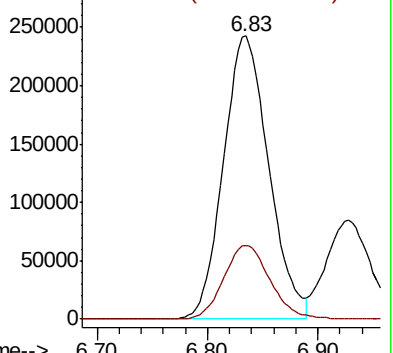
43 100

72 26.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 52.414 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056470.D

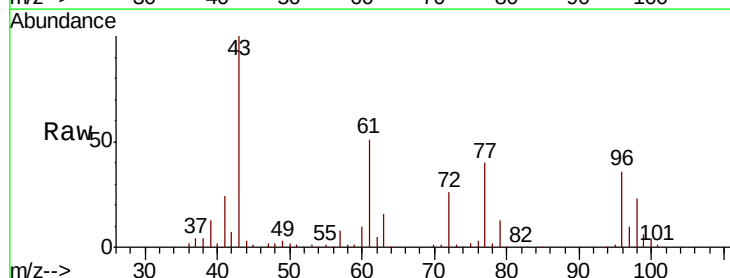
Acq: 25 Jun 2019 8:38

Tgt Ion: 77 Resp: 242132

Ion Ratio Lower Upper

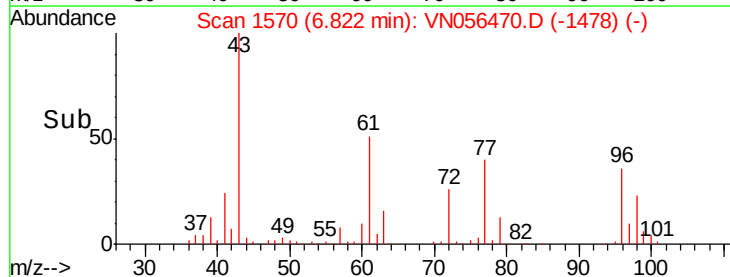
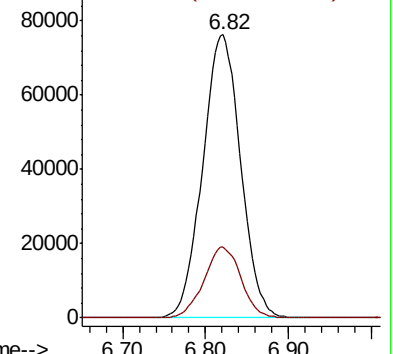
77 100

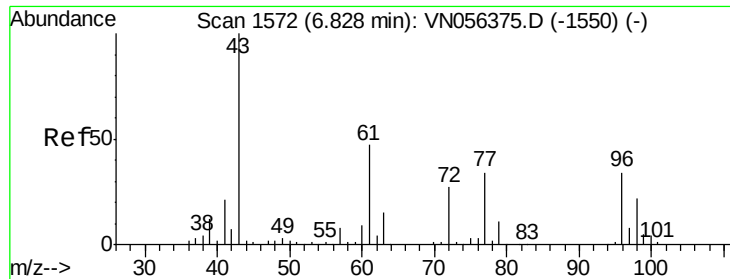
97 24.5 11.9 35.5



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: 49.103 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

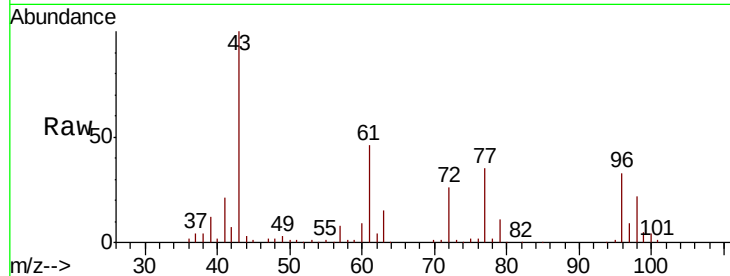
Tot Ion: 96 Resp: 204999

Ion Ratio Lower Upper

96 100

61 140.4 0.0 279.8

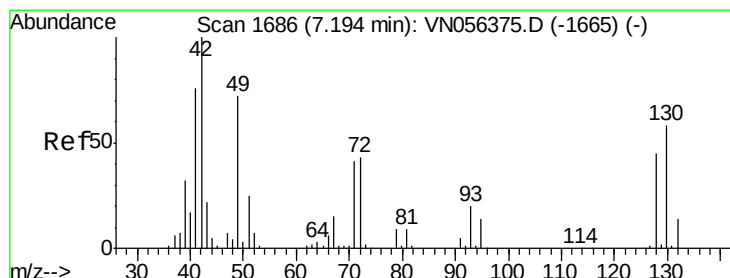
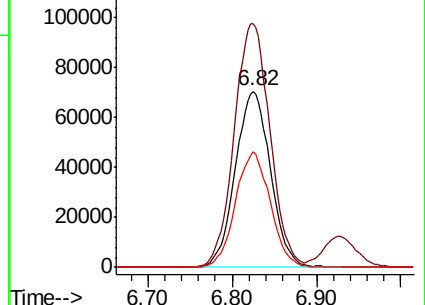
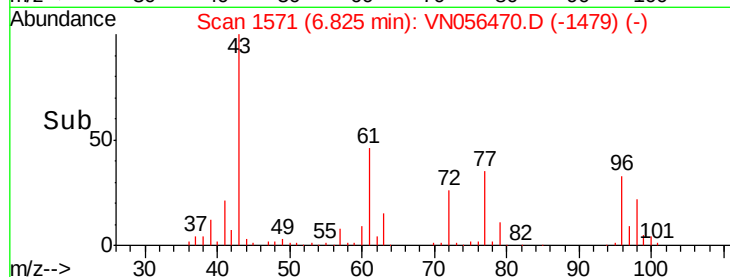
98 64.8 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.187 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

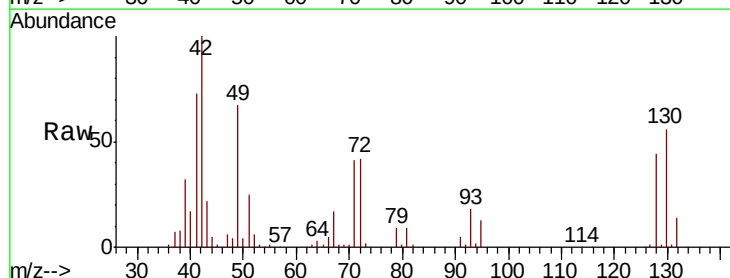
Tgt Ion: 49 Resp: 155026

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

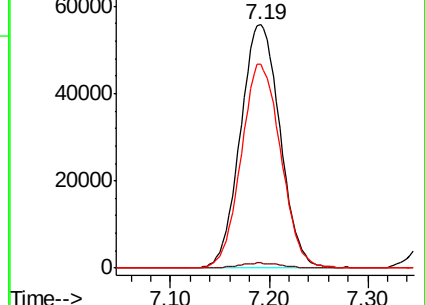
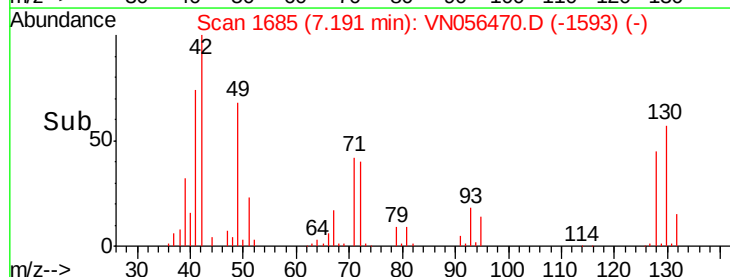
130 83.8 64.9 97.3

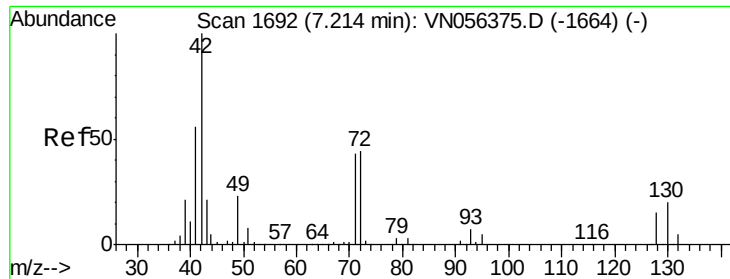


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

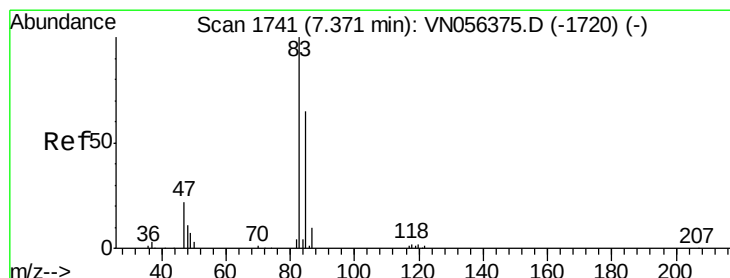
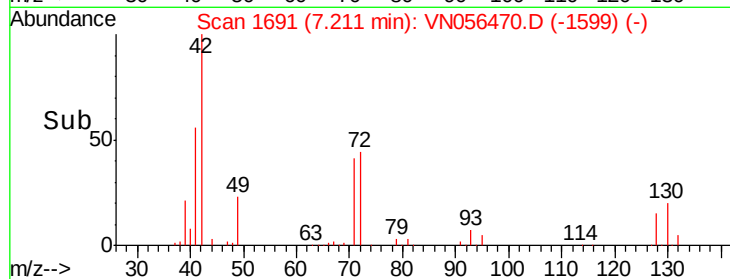
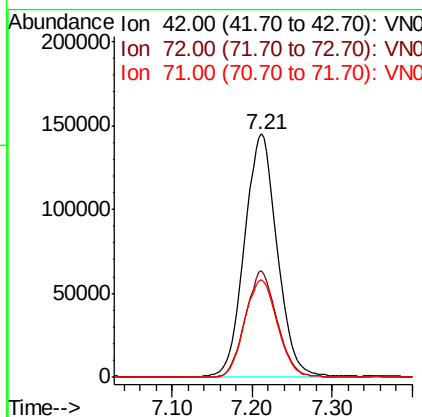
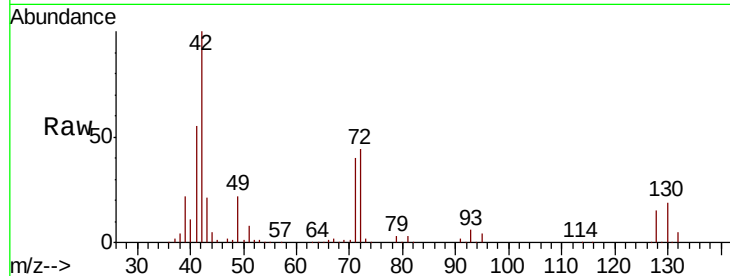




#29
Tetrahydrofuran
Concen: 238.273 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

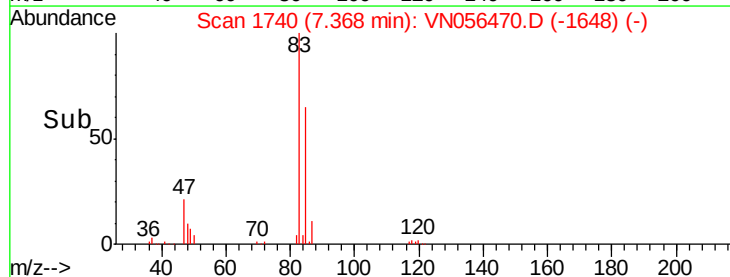
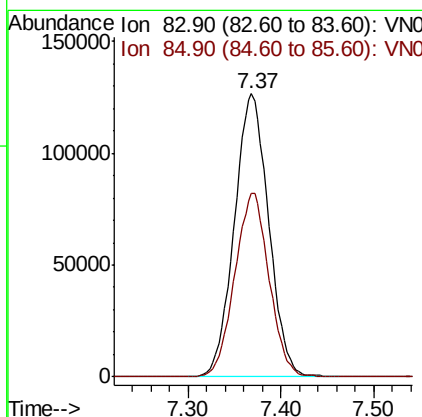
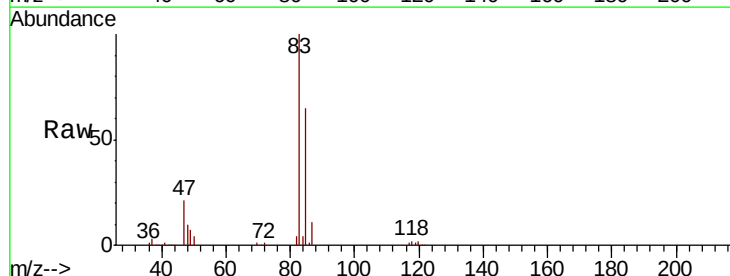
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

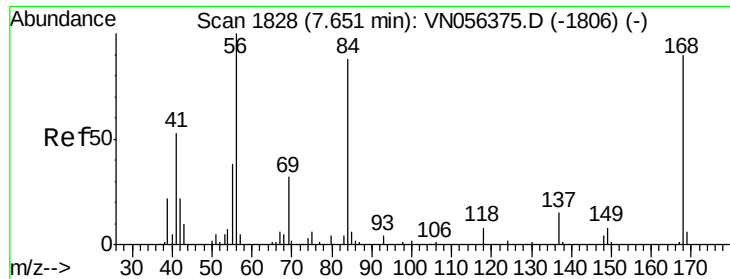
Tot Ion: 42 Resp: 400938
Ion Ratio Lower Upper
42 100
72 42.9 34.7 52.1
71 40.7 33.0 49.6



#30
Chloroform
Concen: 49.513 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 83 Resp: 324516
Ion Ratio Lower Upper
83 100
85 64.9 52.3 78.5

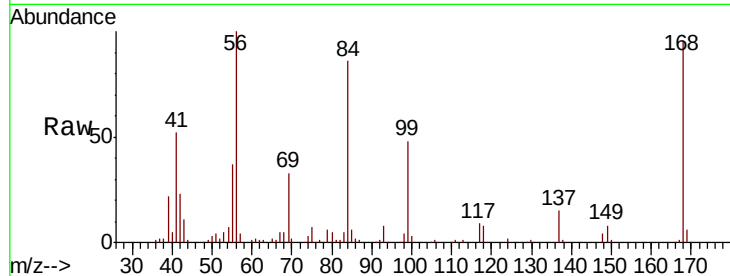




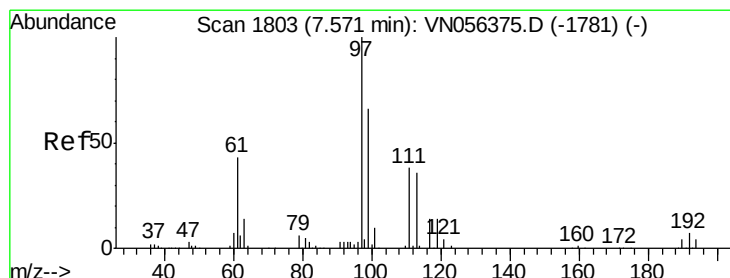
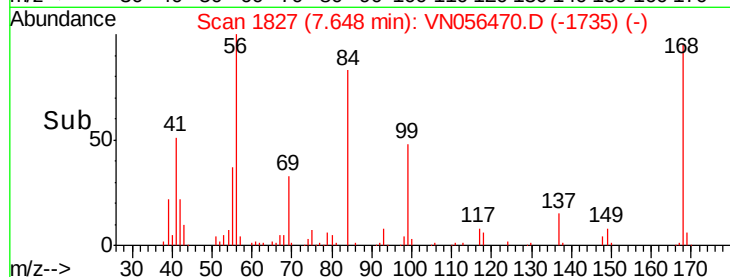
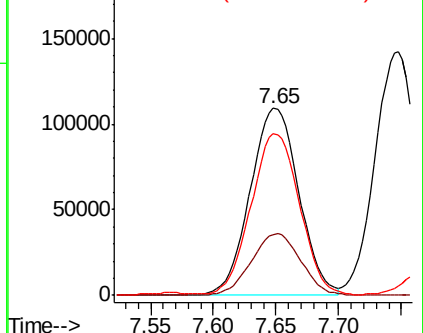
#31
Cyclohexane
Concen: 45.906 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 294363
Ion Ratio Lower Upper
56 100
69 32.6 25.8 38.6
84 85.4 69.4 104.0

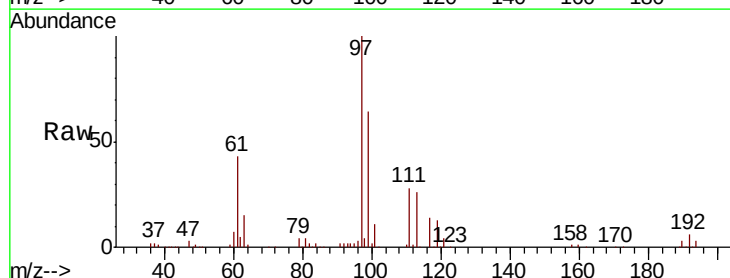


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

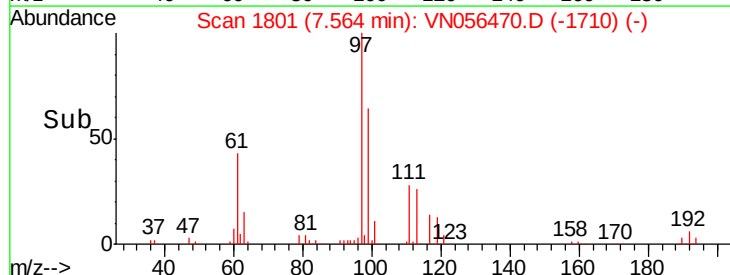
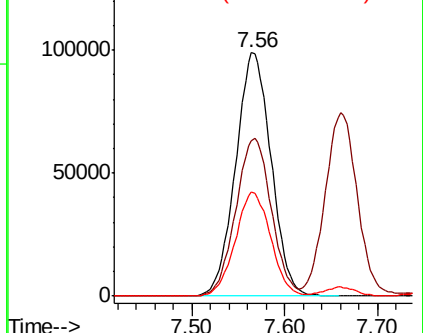


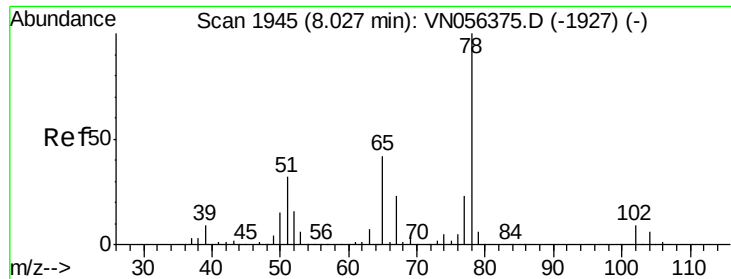
#32
1,1,1-Trichloroethane
Concen: 50.559 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.01 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 97 Resp: 262658
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 42.6 33.9 50.9



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

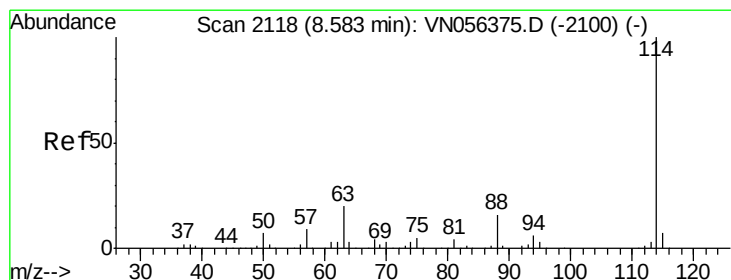
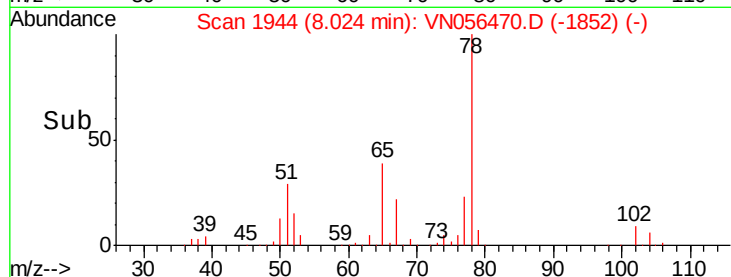
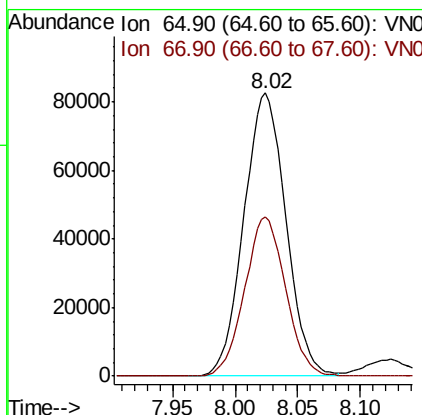
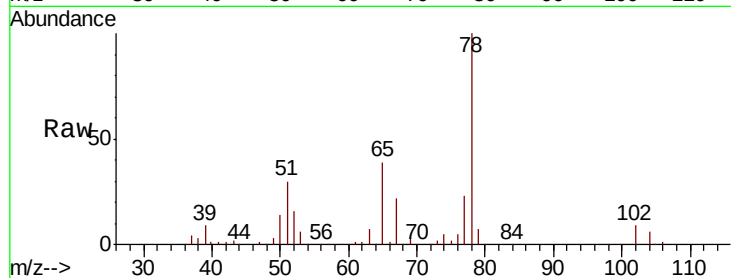




#33
 1,2-Dichloroethane-d4
 Concen: 46.448 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

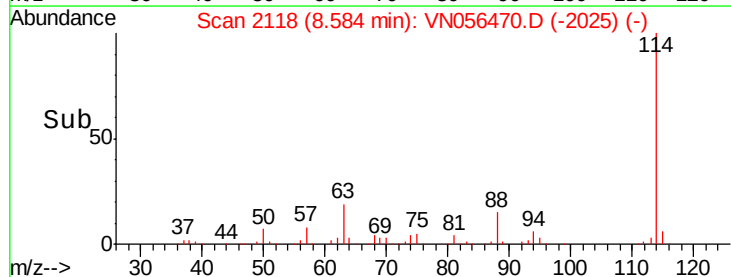
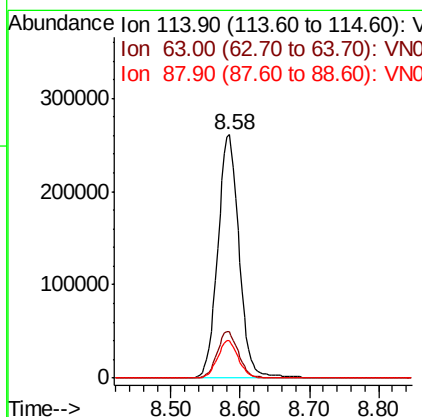
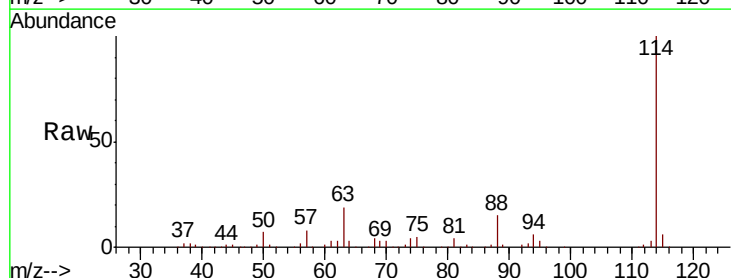
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

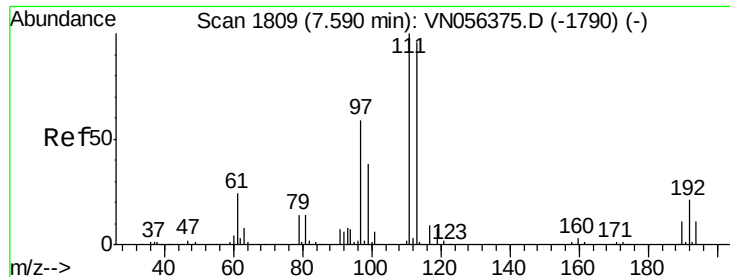
Tot Ion: 65 Resp: 192876
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion: 114 Resp: 556859
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.032 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

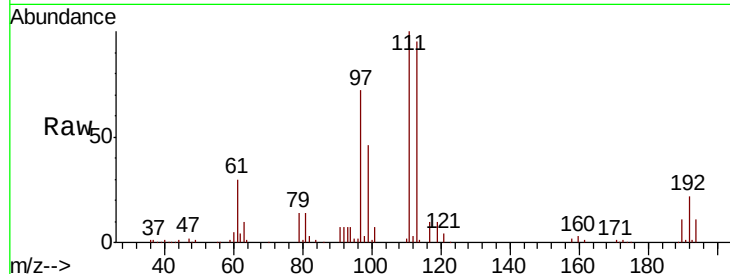
Tot Ion:113 Resp: 170333

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

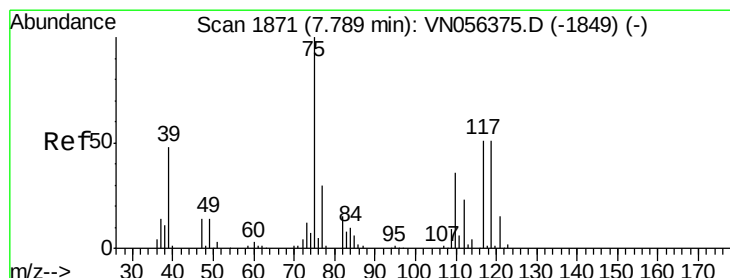
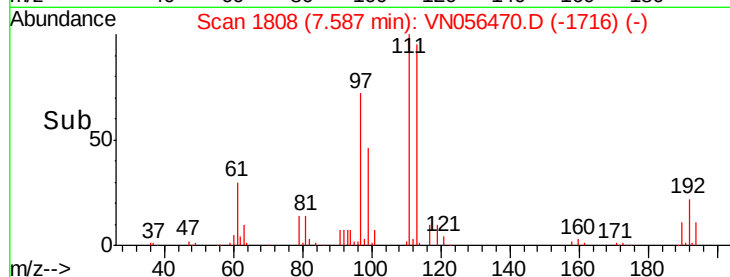
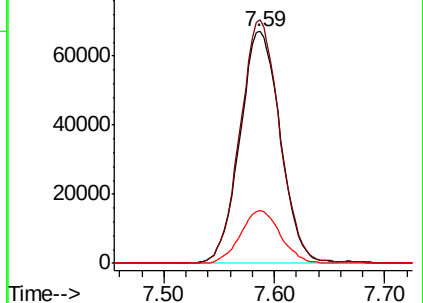
192 22.5 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.571 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

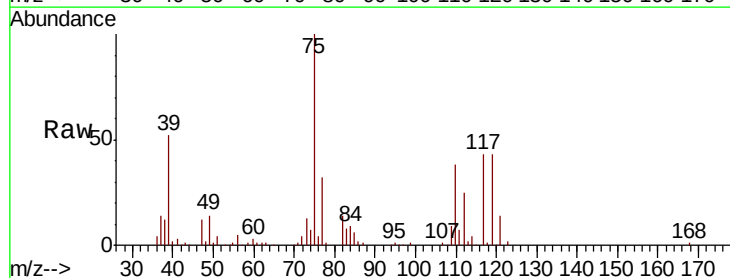
Tgt Ion: 75 Resp: 238065

Ion Ratio Lower Upper

75 100

110 37.5 18.1 54.3

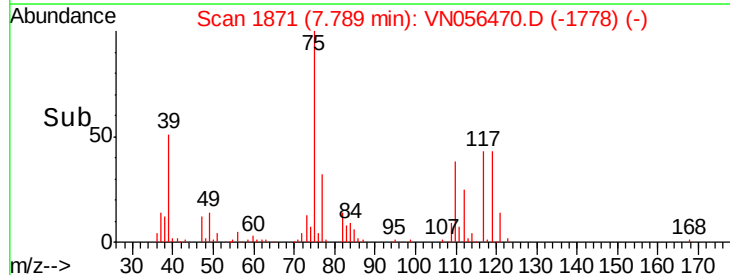
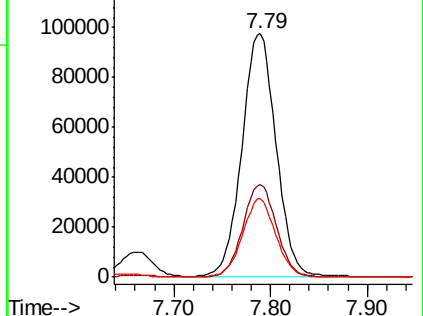
77 31.5 24.6 36.8

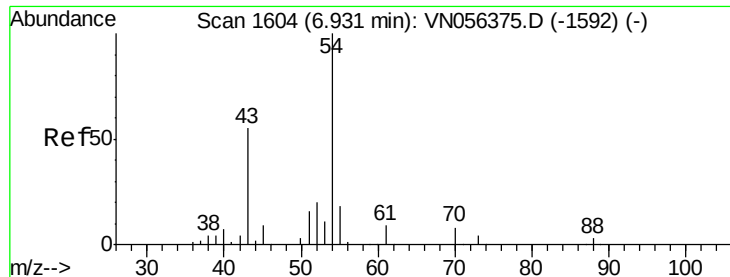


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

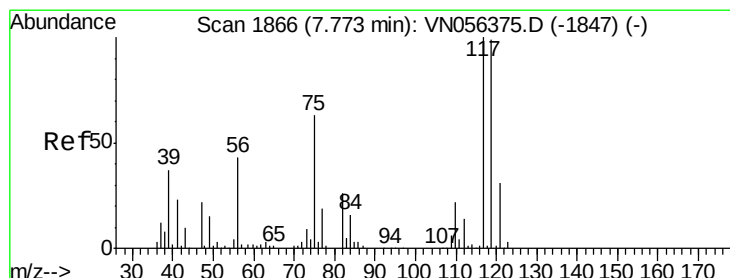
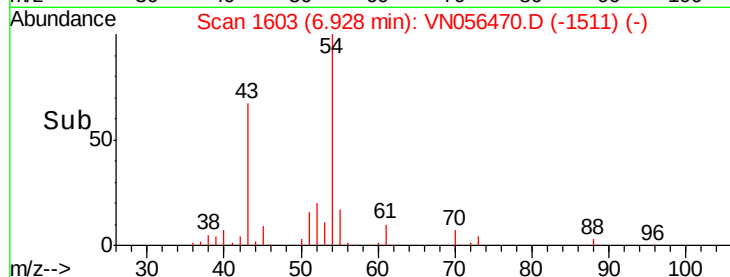
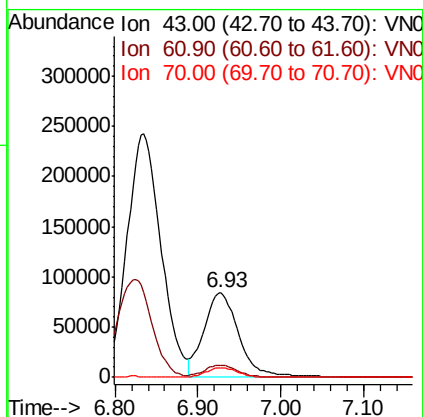
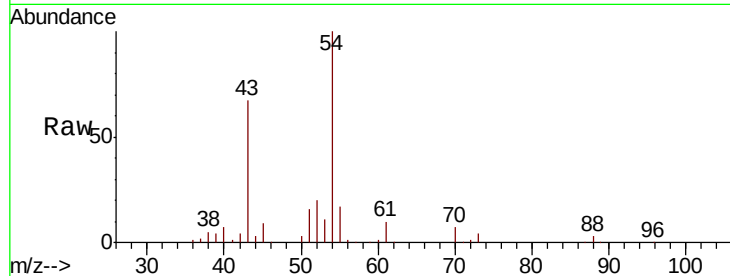




#37
Ethyl Acetate
Concen: 50.412 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

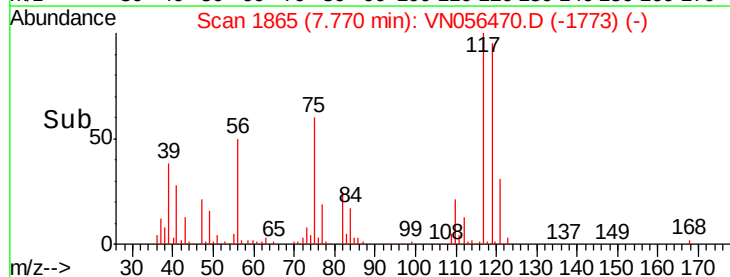
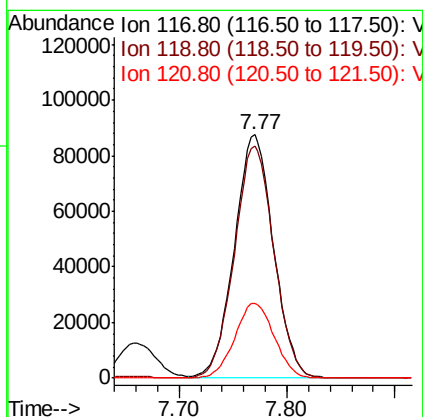
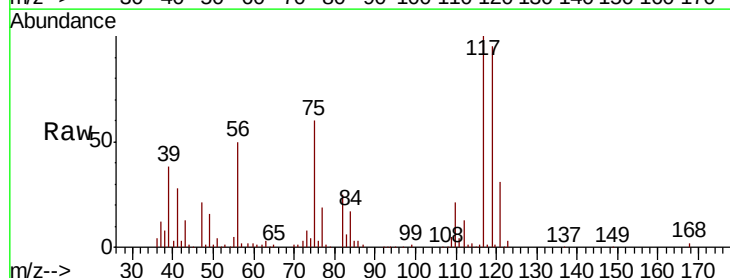
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

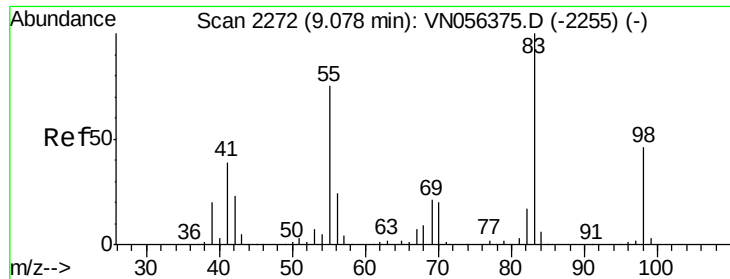
Tot Ion: 43 Resp: 242823
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 10.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 51.317 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 117 Resp: 219953
Ion Ratio Lower Upper
117 100
119 95.4 79.1 118.7
121 30.9 24.8 37.2

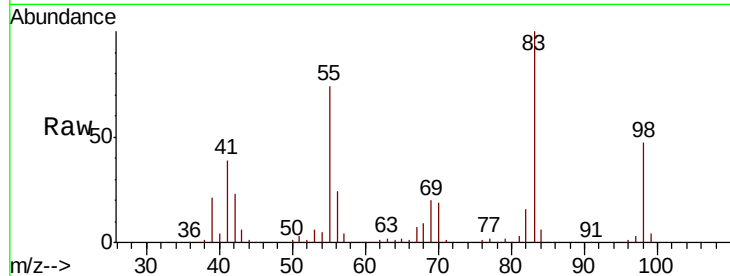




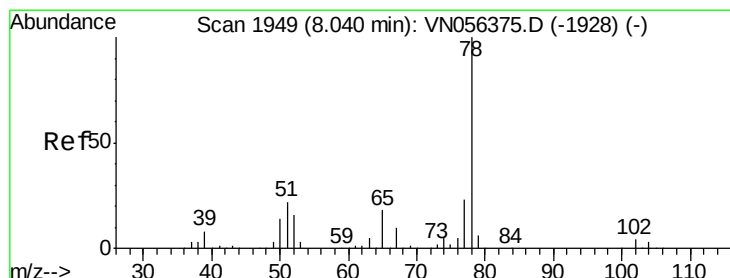
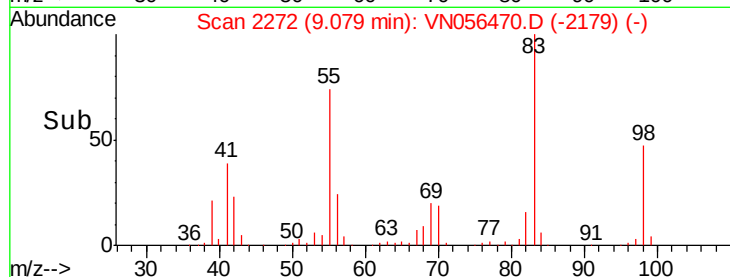
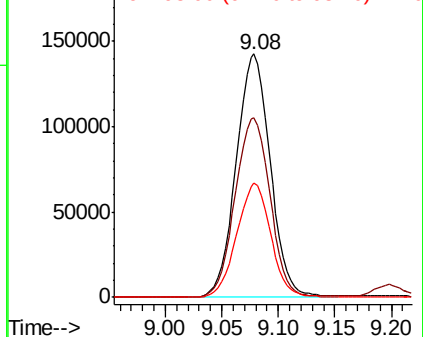
#39
Methylvlcyclohexane
Concen: 49.668 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 300387
Ion Ratio Lower Upper
83 100
55 73.9 60.0 90.0
98 47.1 36.6 54.8

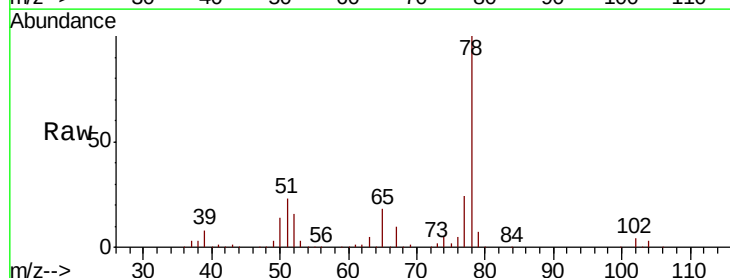


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

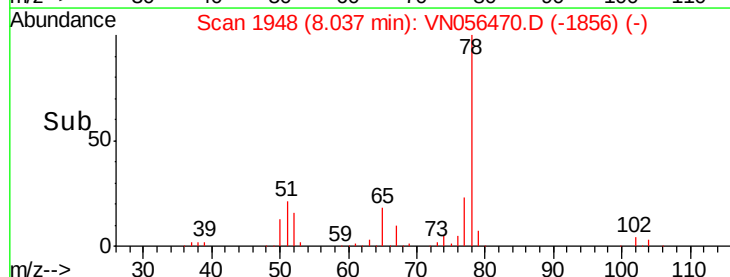
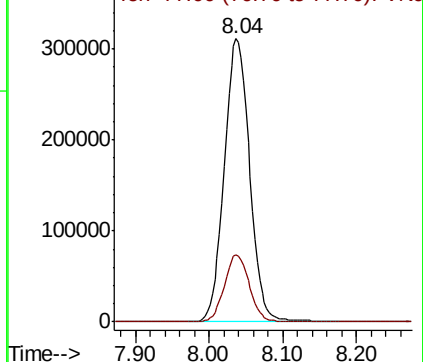


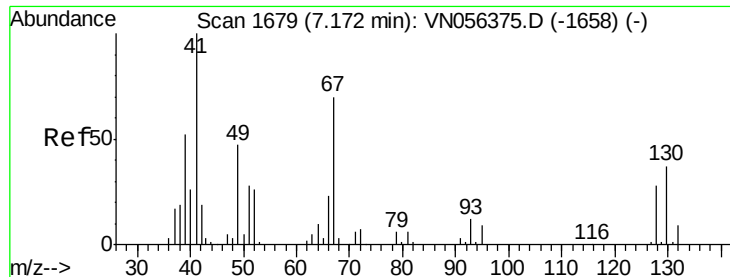
#40
Benzene
Concen: 49.333 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 78 Resp: 743775
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5



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

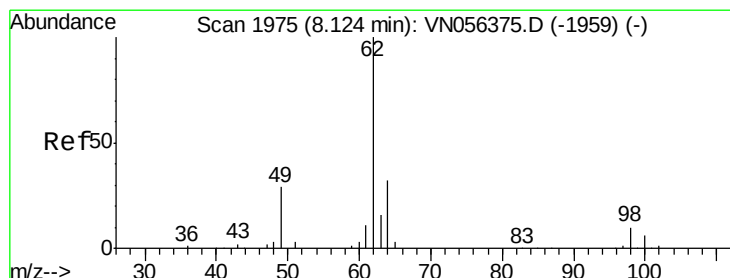
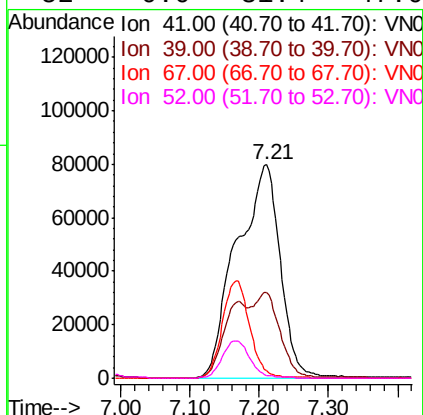
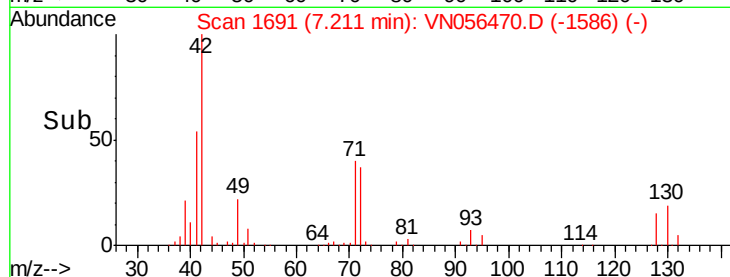
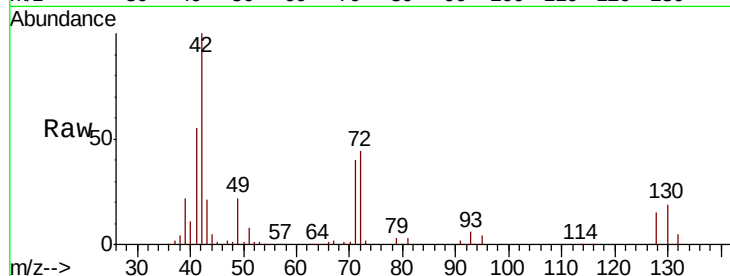




#41
Methacrylonitrile
Concen: 163.836 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

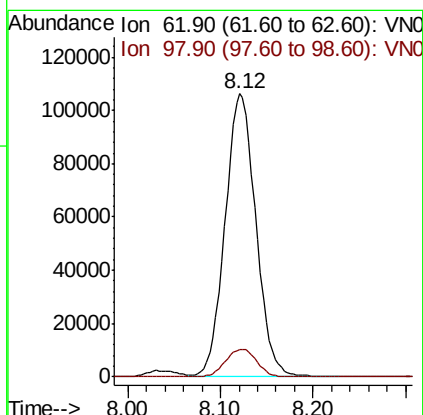
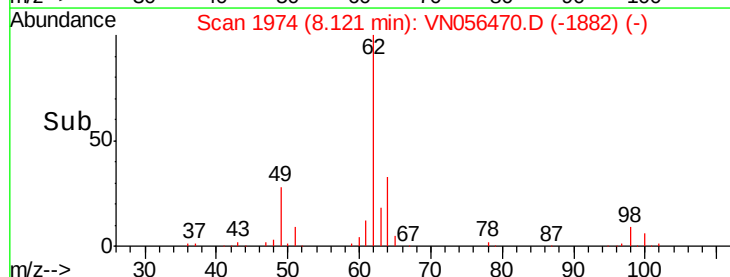
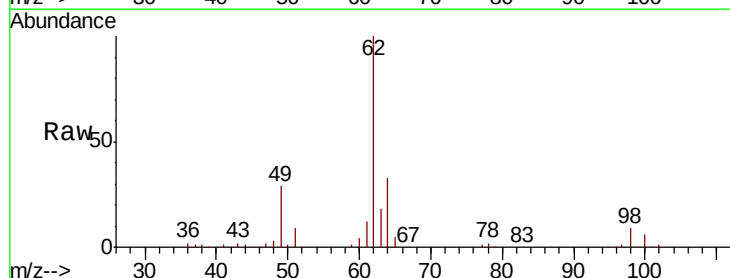
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

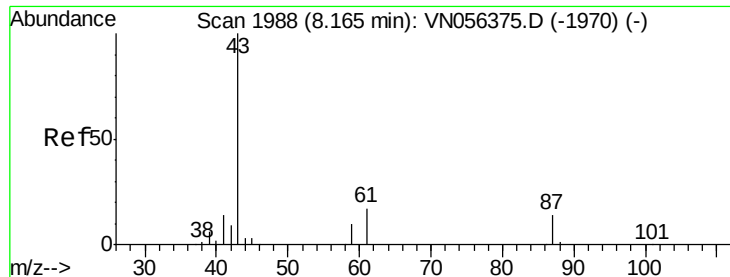
Tot Ion: 41 Resp: 348475
Ion Ratio Lower Upper
41 100
39 0.0 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#42
1,2-Dichloroethane
Concen: 48.733 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 62 Resp: 242474
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 52.534 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

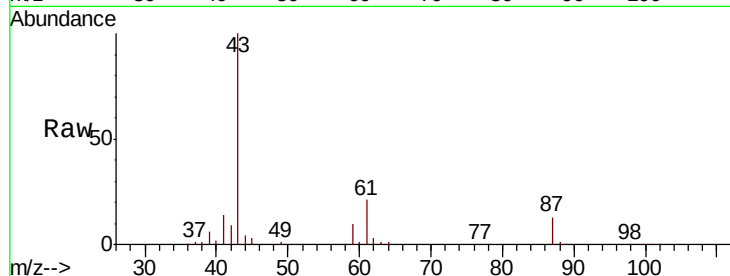
Tot Ion: 43 Resp: 390184

Ion Ratio Lower Upper

43 100

61 20.9 22.0 33.0#

87 13.3 11.0 16.4

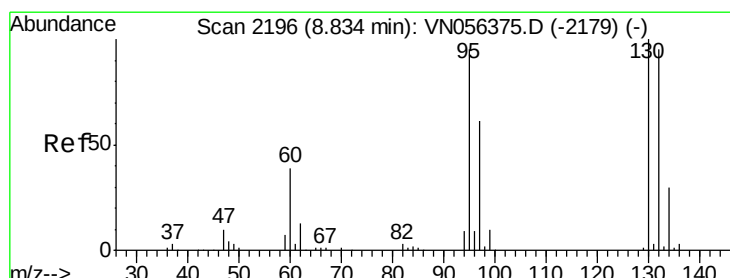
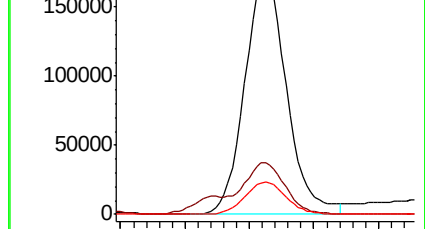
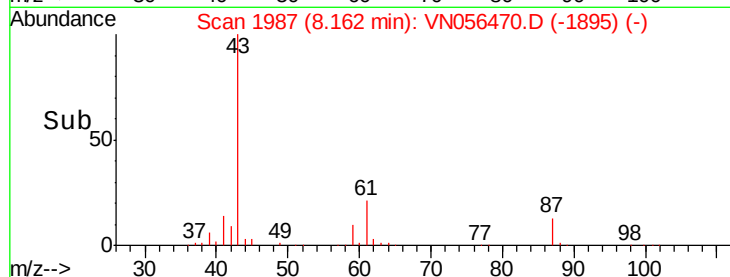


Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)

8.16



#44

Trichloroethene

Concen: 50.522 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN056470.D

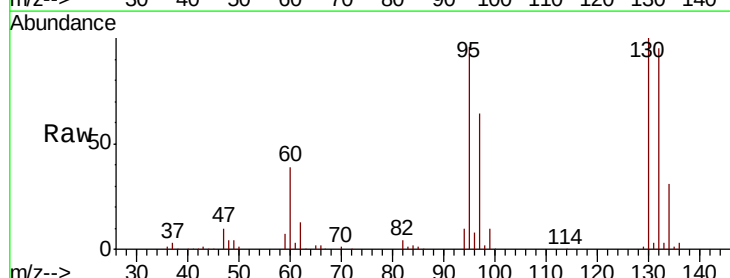
Acq: 25 Jun 2019 8:38

Tgt Ion:130 Resp: 205185

Ion Ratio Lower Upper

130 100

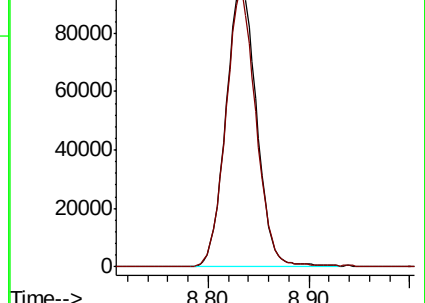
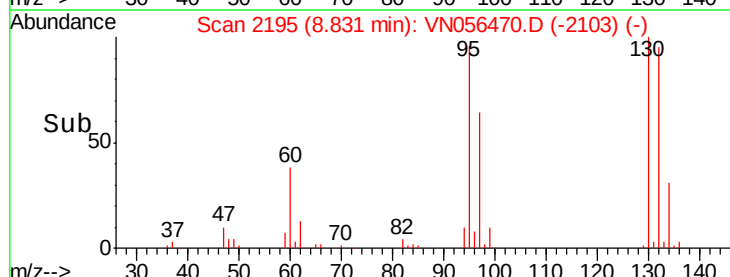
95 96.4 0.0 191.0

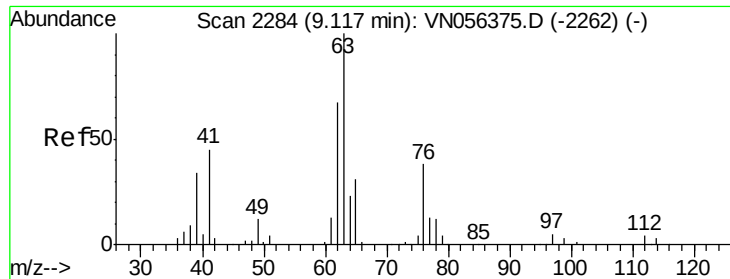


Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

8.83

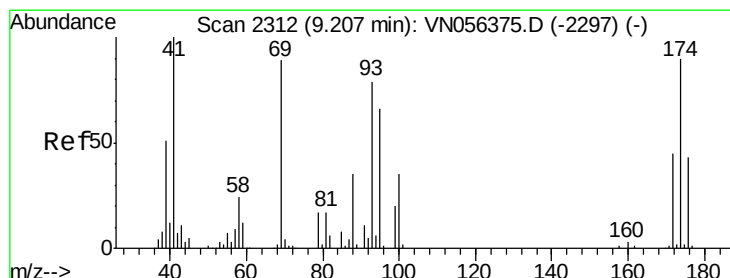
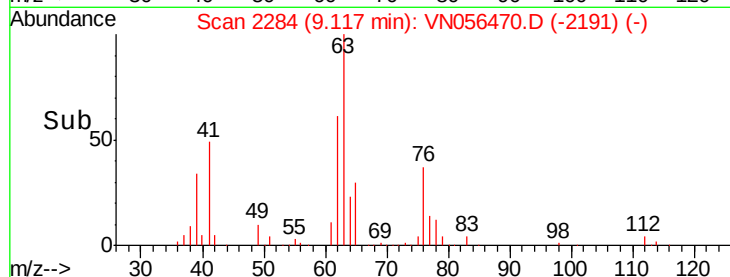
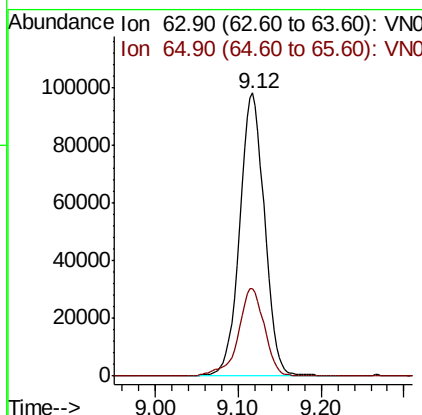
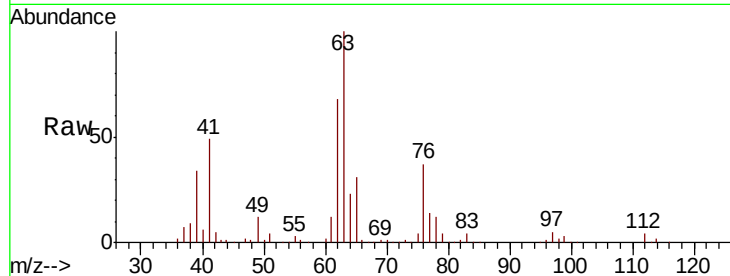




#45
 1,2-Dichloropropane
 Concen: 50.863 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

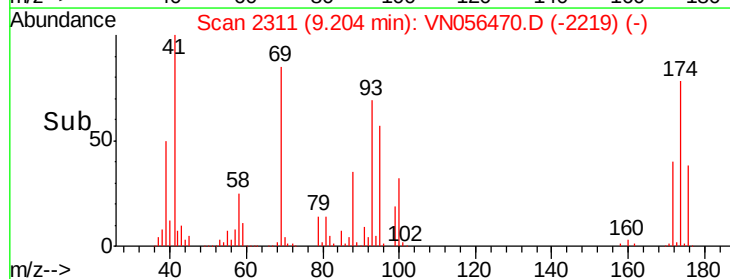
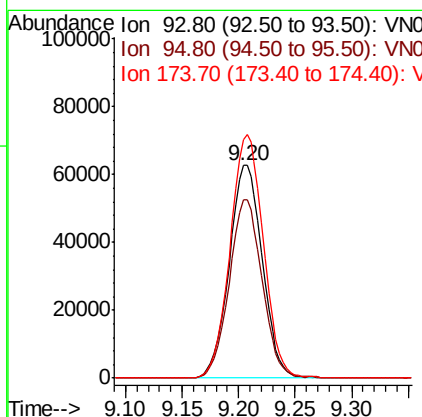
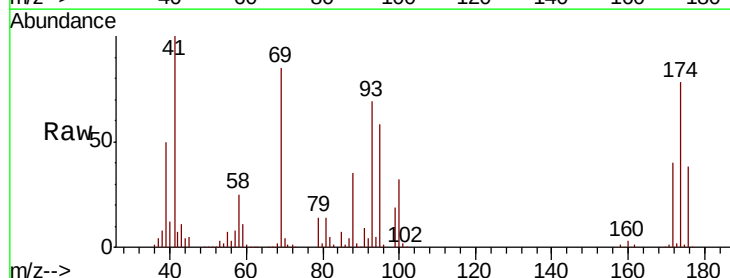
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

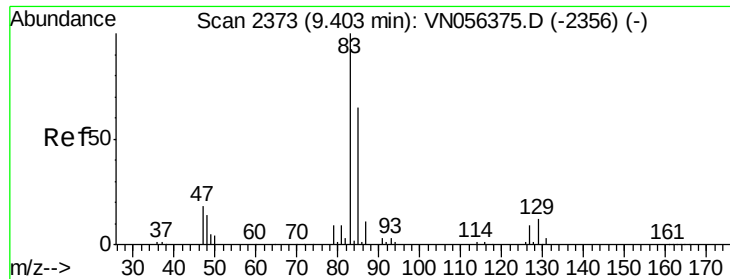
Tot Ion: 63 Resp: 205079
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.6



#46
 Dibromomethane
 Concen: 50.825 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion: 93 Resp: 128211
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.2
 174 114.4 90.8 136.2





#47

Bromodichloromethane

Concen: 54.102 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

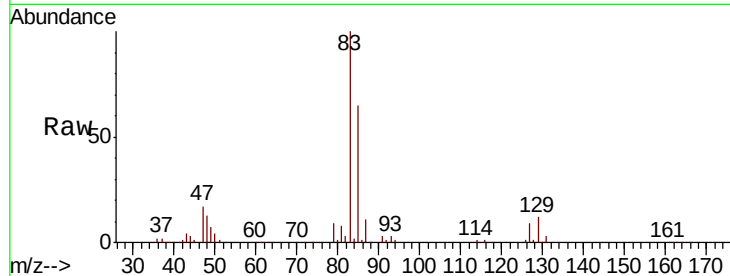
Tot Ion: 83 Resp: 242052

Ion Ratio Lower Upper

83 100

85 65.1 52.2 78.4

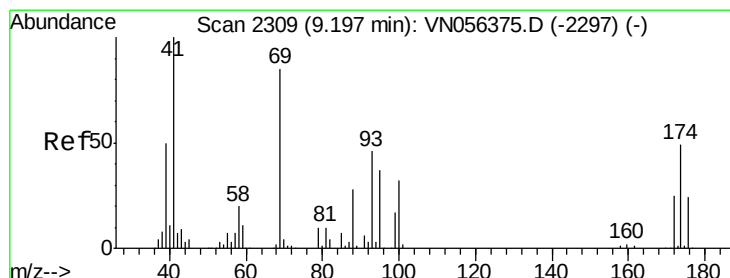
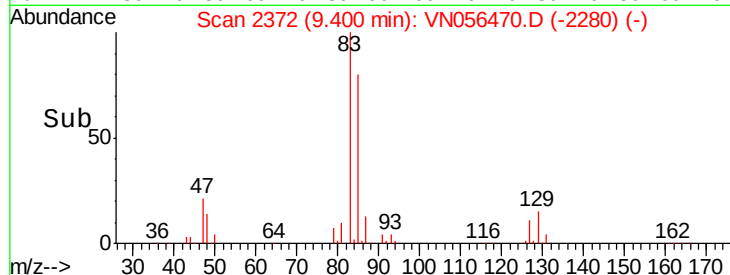
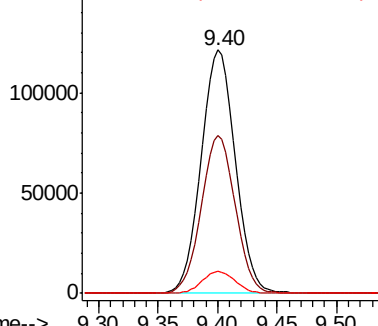
127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 50.564 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

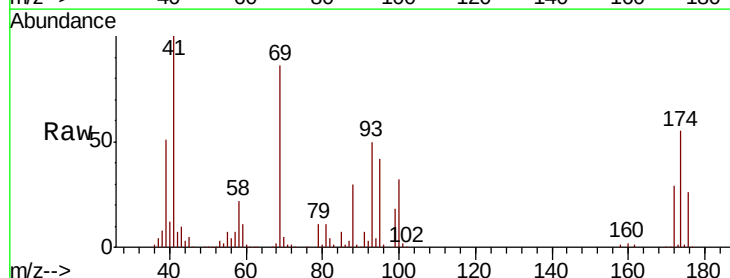
Tgt Ion: 41 Resp: 188200

Ion Ratio Lower Upper

41 100

69 89.9 72.6 109.0

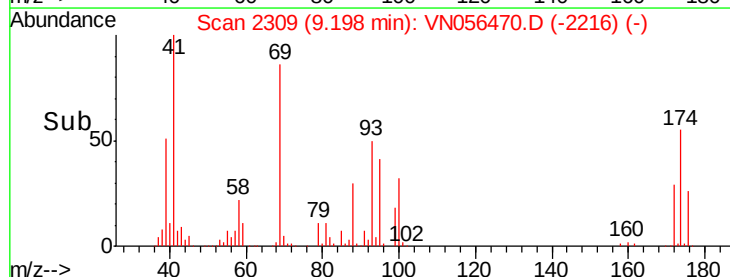
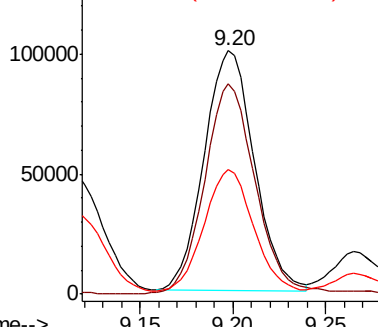
39 51.7 42.6 63.8

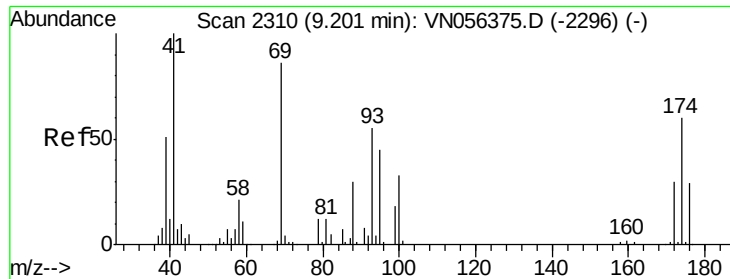


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1056.573 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

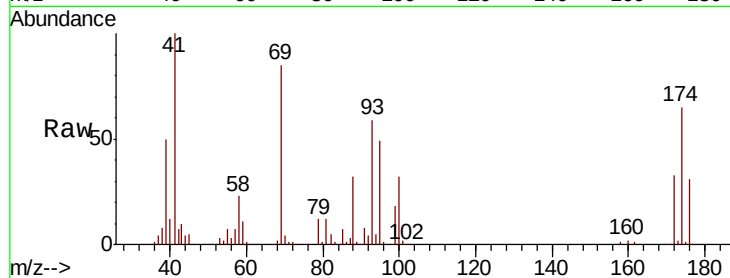
Tot Ion: 88 Resp: 81609

Ion Ratio Lower Upper

88 100

43 24.5 22.0 33.0

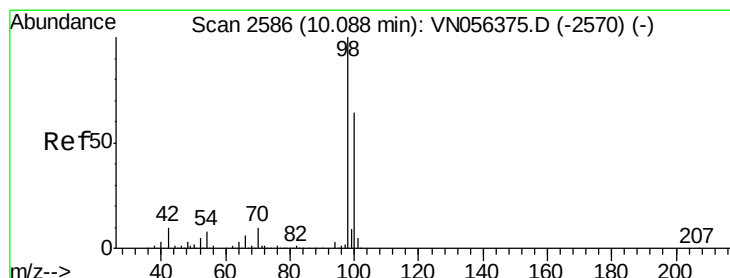
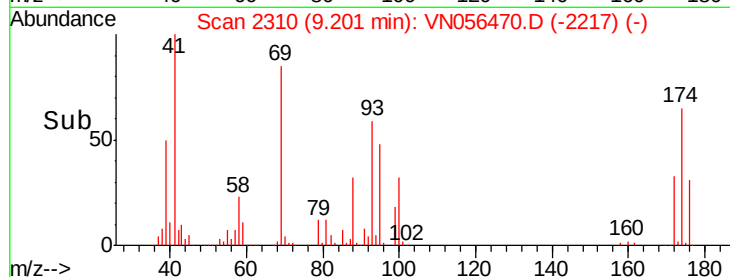
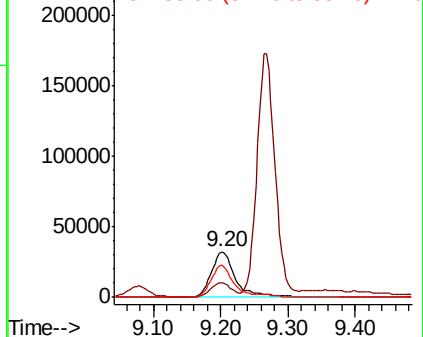
58 63.8 51.8 77.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.009 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056470.D

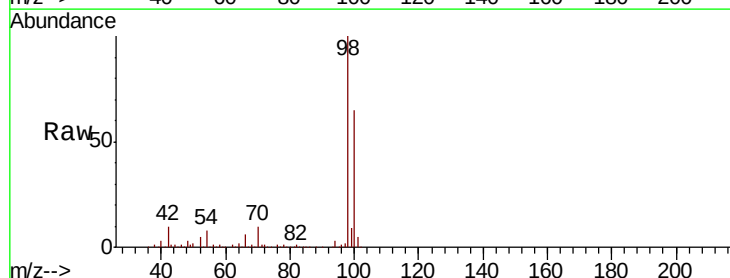
Acq: 25 Jun 2019 8:38

Tgt Ion: 98 Resp: 648942

Ion Ratio Lower Upper

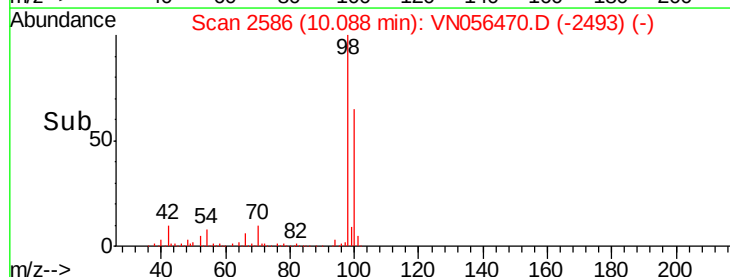
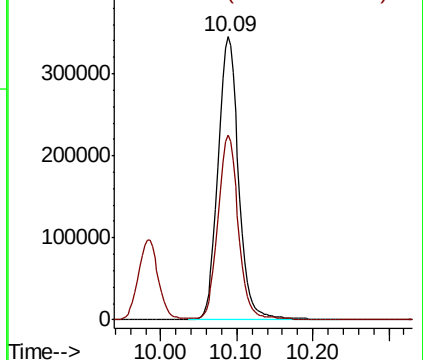
98 100

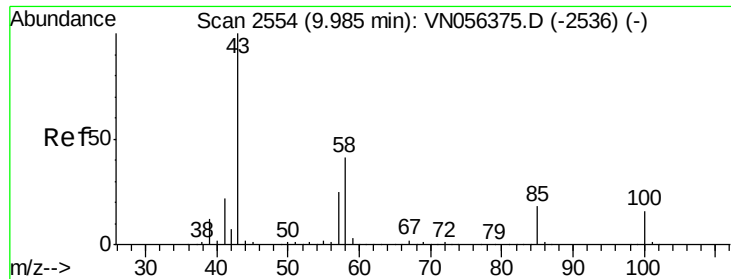
100 65.1 52.2 78.2



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: 251.916 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

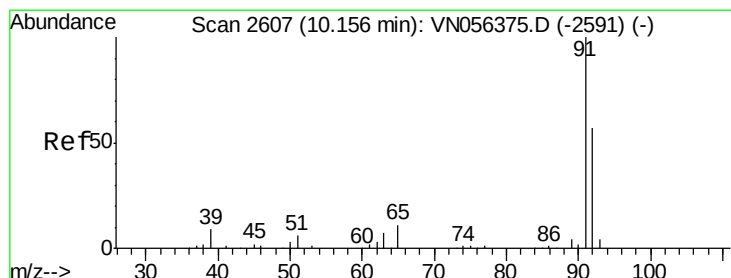
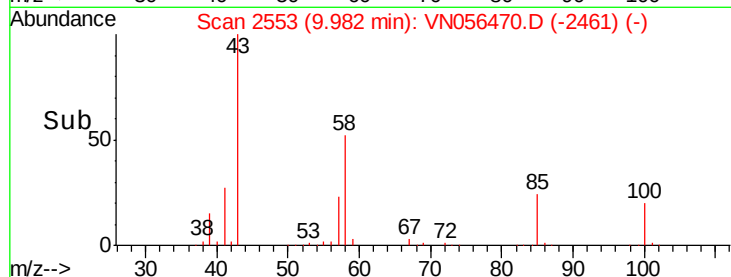
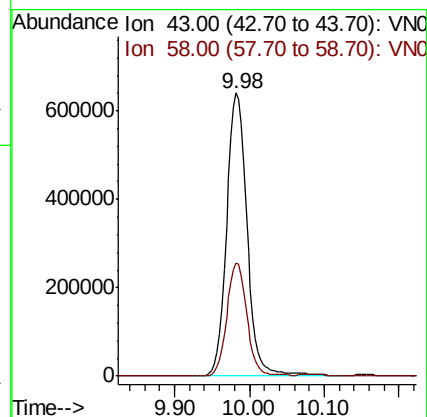
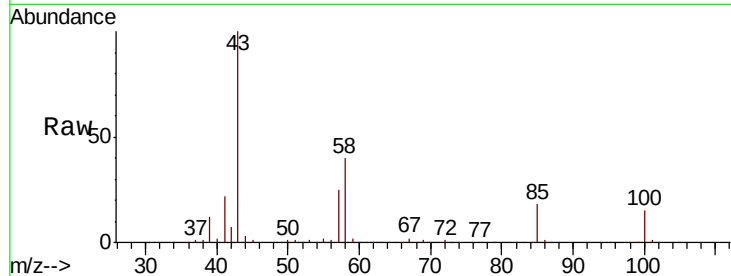
VSTDCCC050

Tot Ion: 43 Resp: 1207654

Ion Ratio Lower Upper

43 100

58 39.3 31.8 47.8



#52

Toluene

Concen: 50.320 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056470.D

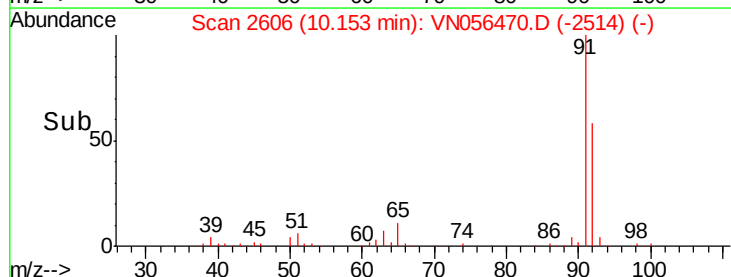
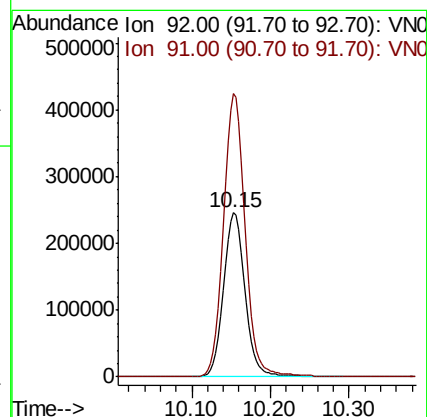
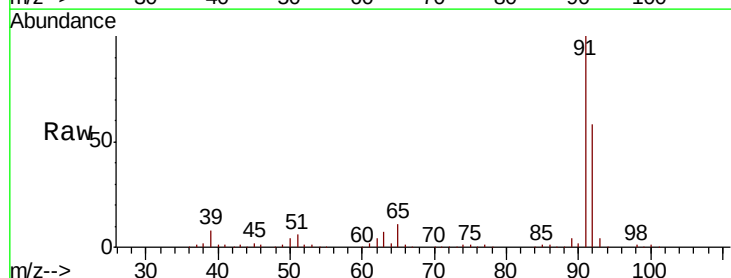
Acq: 25 Jun 2019 8:38

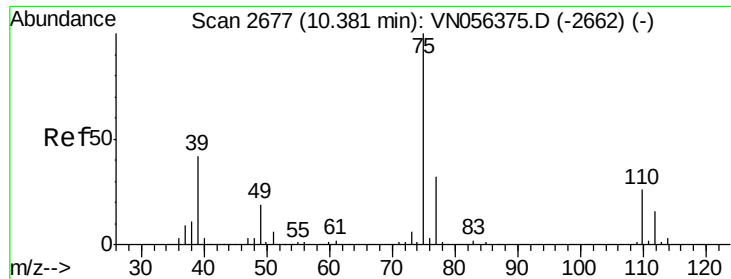
Tgt Ion: 92 Resp: 463821

Ion Ratio Lower Upper

92 100

91 173.3 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 50.148 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

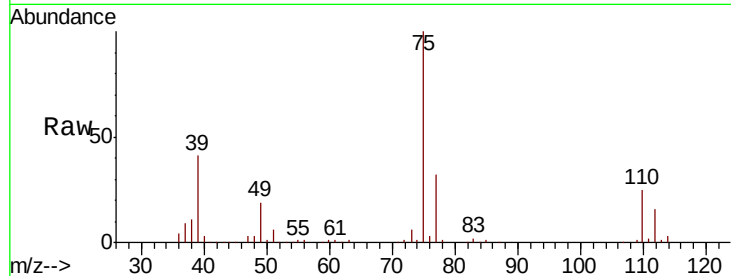
VSTDCCC050

Tot Ion: 75 Resp: 261363

Ion Ratio Lower Upper

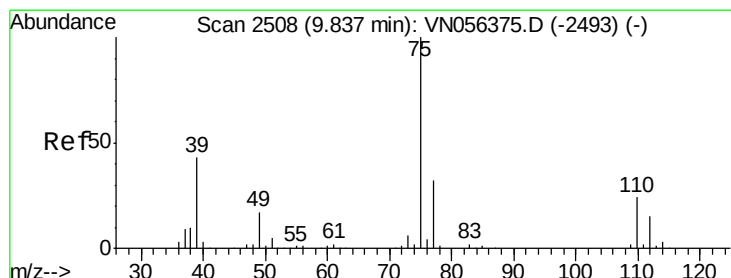
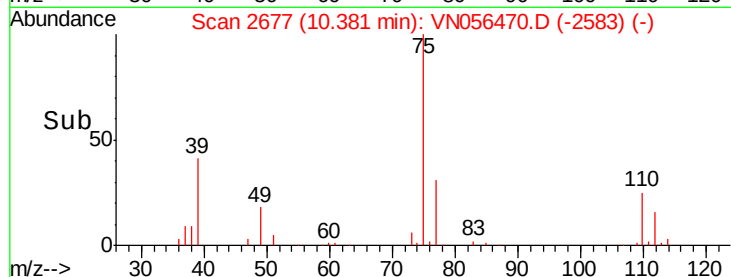
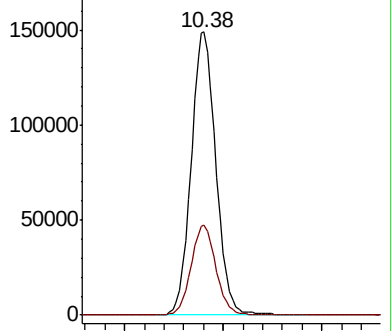
75 100

77 31.5 25.4 38.2



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: 55.974 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

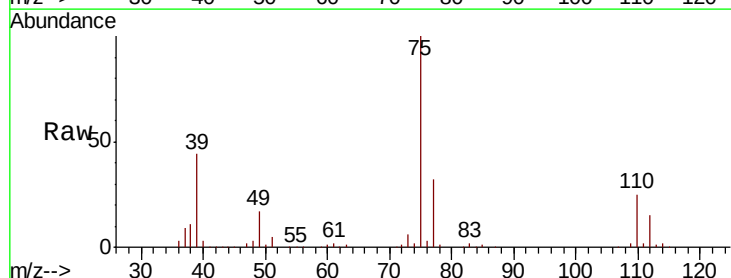
Tgt Ion: 75 Resp: 301569

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

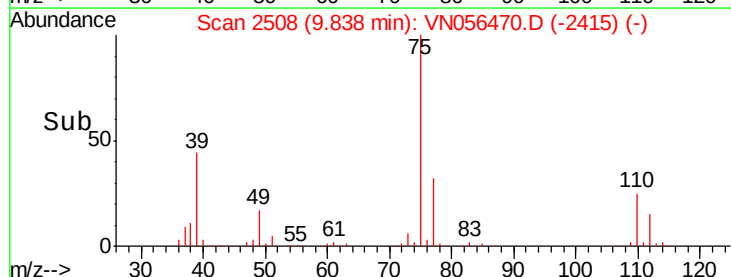
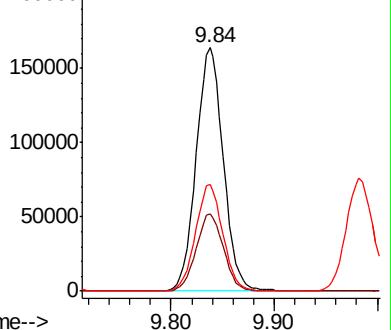
39 43.7 34.2 51.4

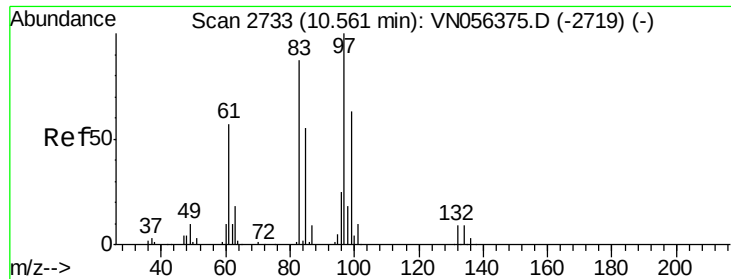


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

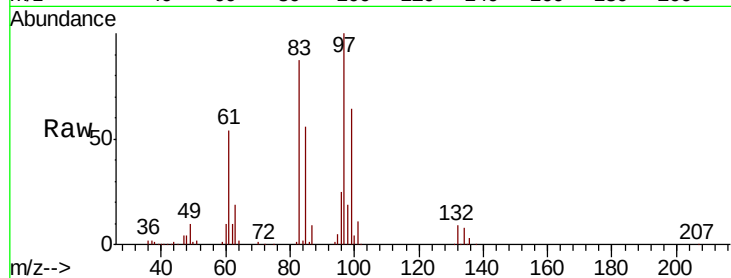




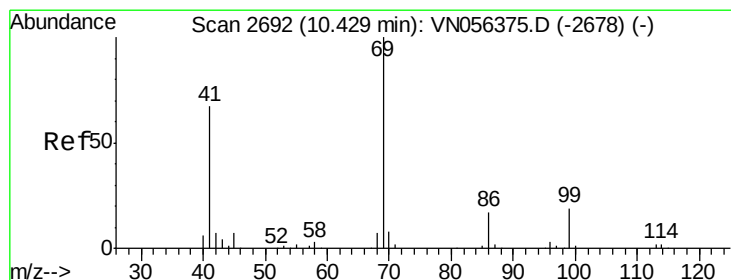
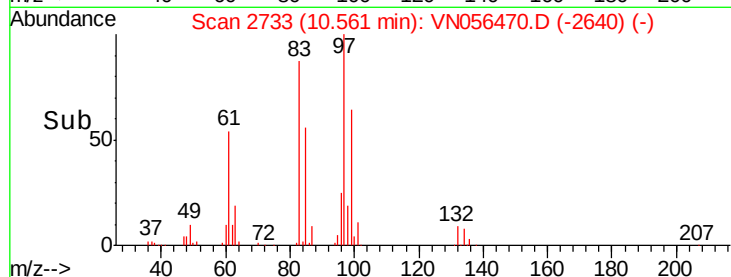
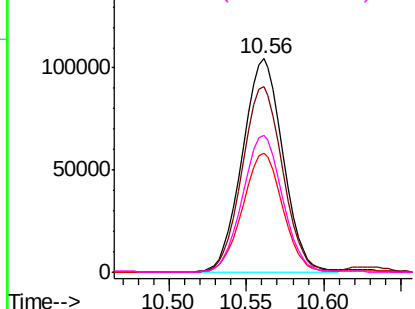
#55
 1,1,2-Trichloroethane
 Concen: 51.692 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 191522
 Ion Ratio Lower Upper
 97 100
 83 87.1 69.8 104.6
 85 56.0 43.8 65.8
 99 64.2 50.2 75.2

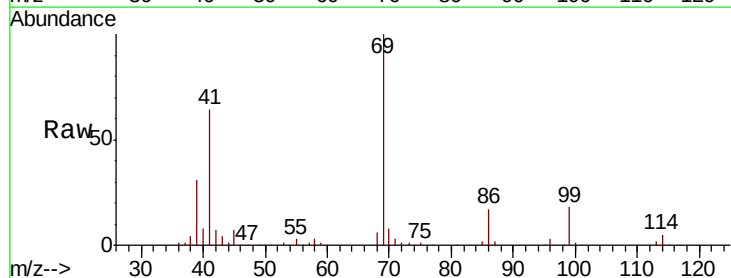


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

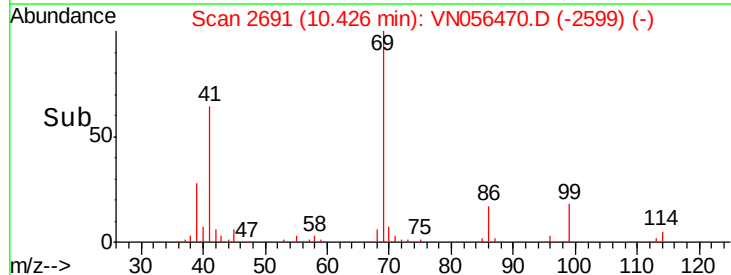
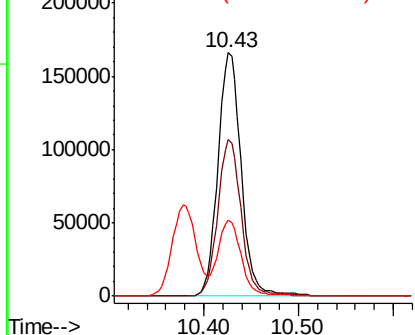


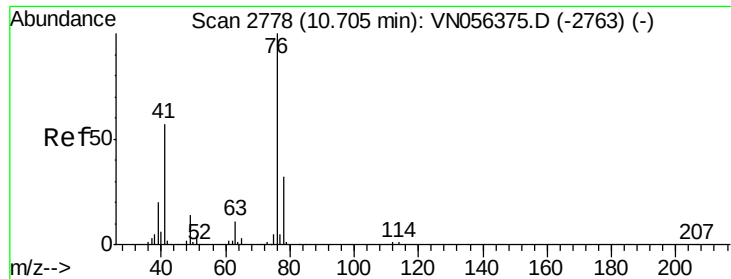
#56
 Ethyl methacrylate
 Concen: 52.447 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion: 69 Resp: 283982
 Ion Ratio Lower Upper
 69 100
 41 64.3 51.4 77.2
 39 31.5 24.7 37.1



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

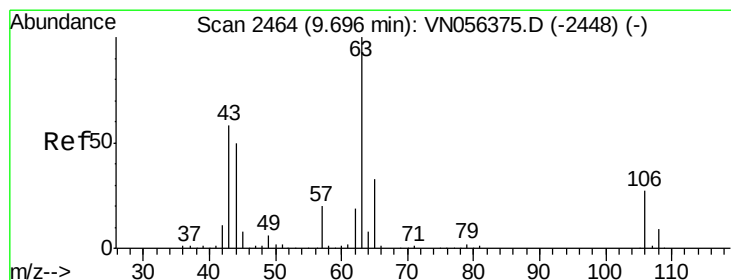
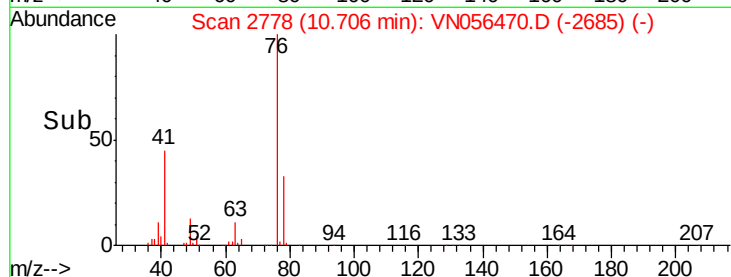
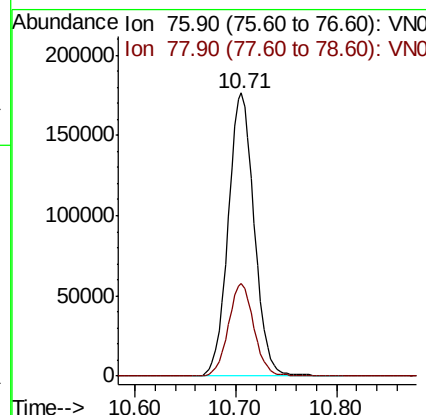
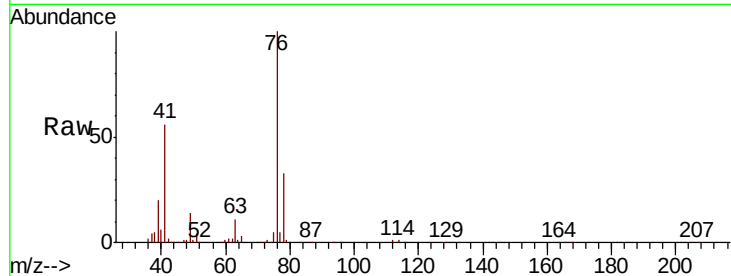




#57
 1,3-Dichloropropane
 Concen: 50.933 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

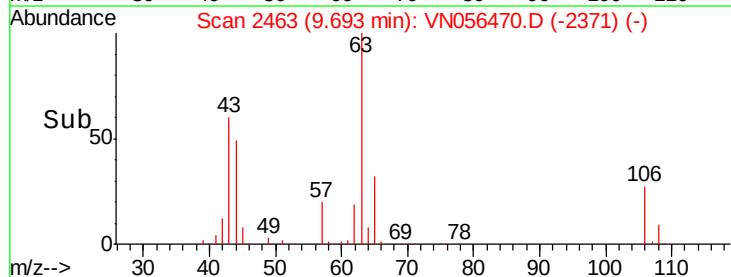
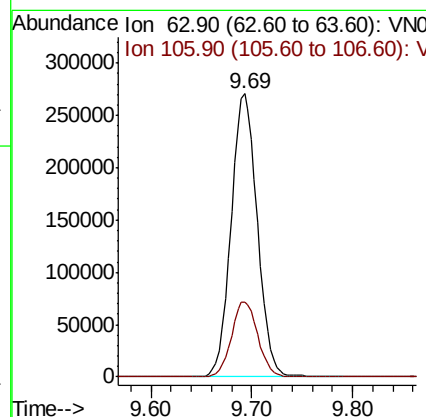
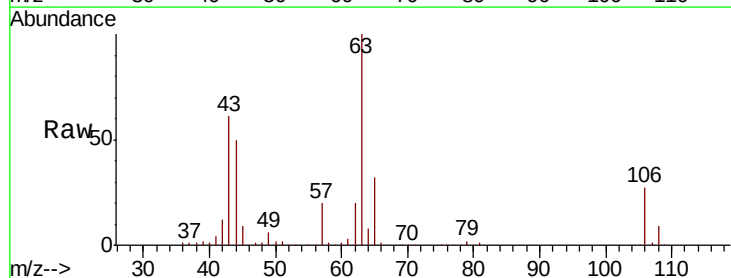
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

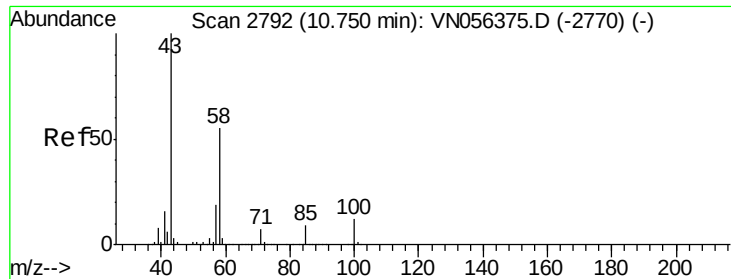
Tot Ion: 76 Resp: 317021
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.764 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion: 63 Resp: 489735
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.6 32.4

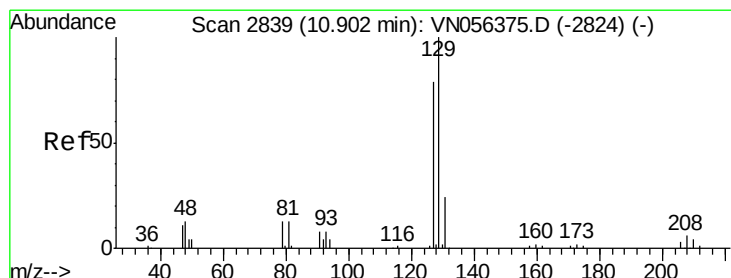
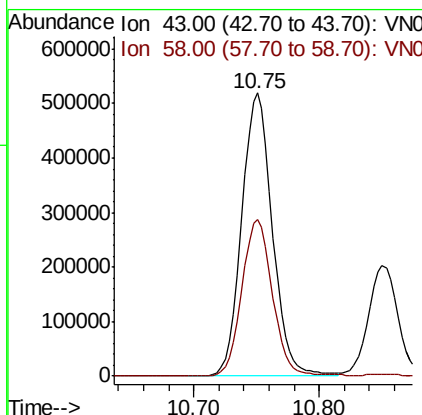
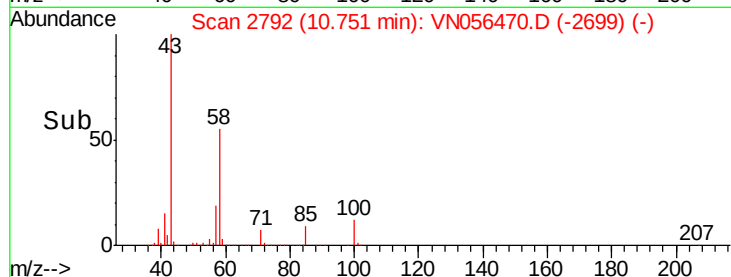
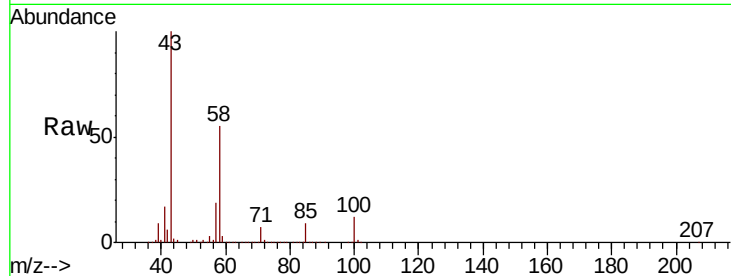




#59
2-Hexanone
Concen: 250.311 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

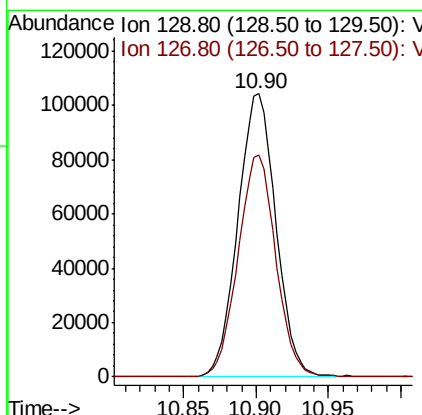
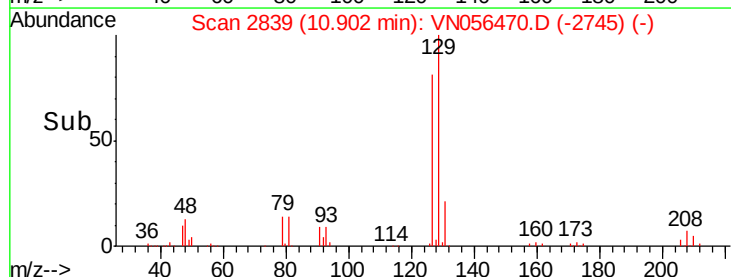
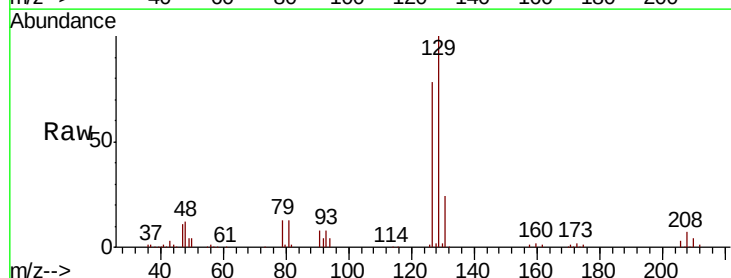
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

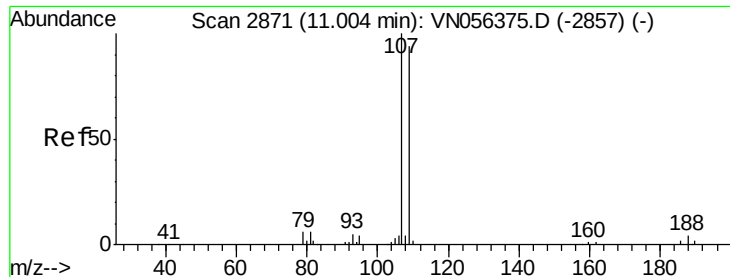
Tot Ion: 43 Resp: 881928
Ion Ratio Lower Upper
43 100
58 55.6 27.8 83.4



#60
Dibromochloromethane
Concen: 50.036 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 129 Resp: 190560
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7

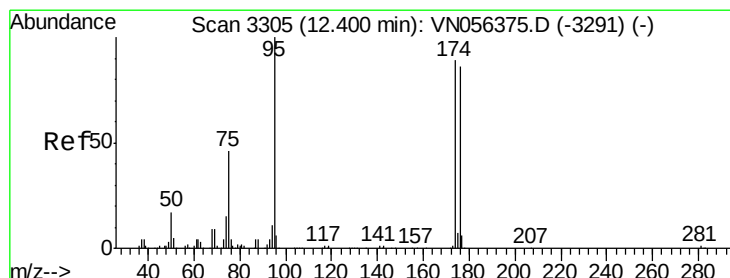
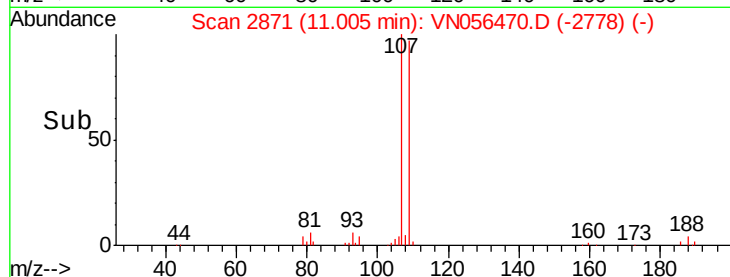
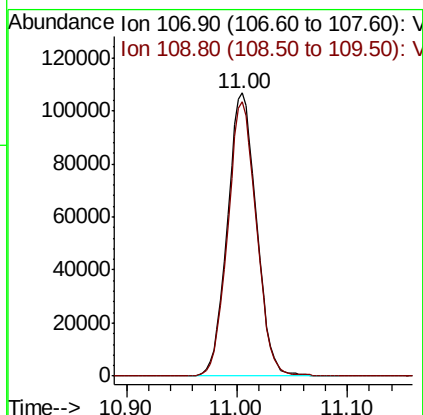
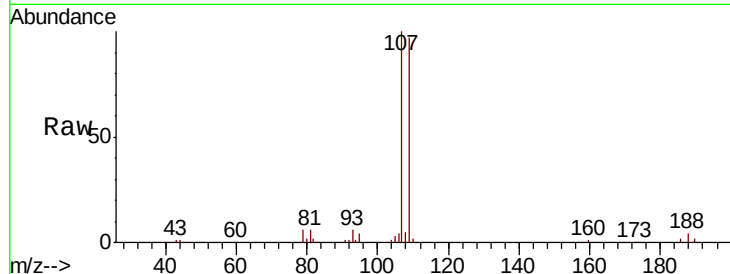




#61
 1,2-Dibromoethane
 Concen: 51.511 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

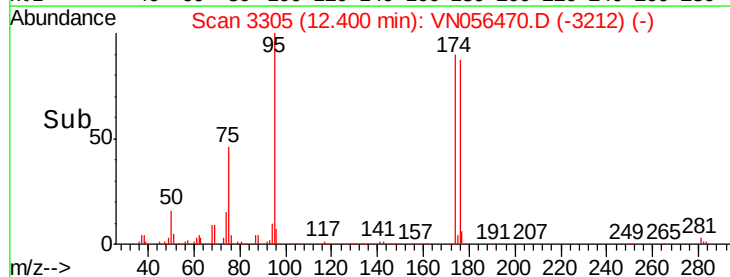
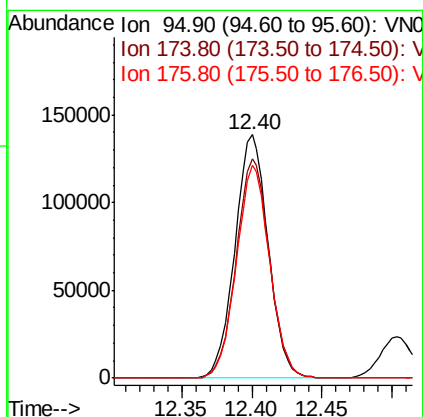
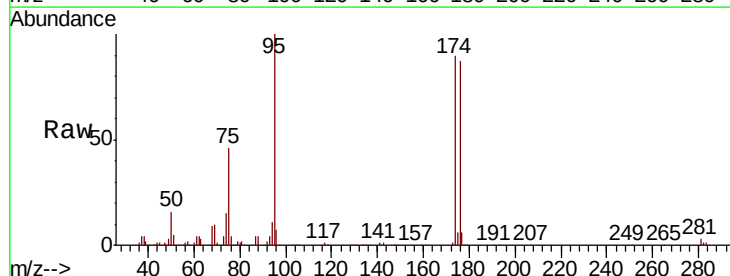
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

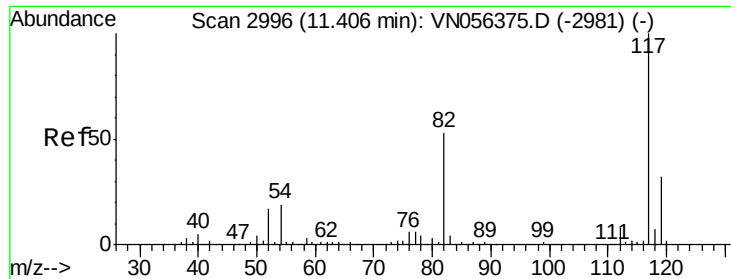
Tot Ion: 107 Resp: 194923
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.872 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion: 95 Resp: 229230
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 179.4
 176 87.6 0.0 173.4

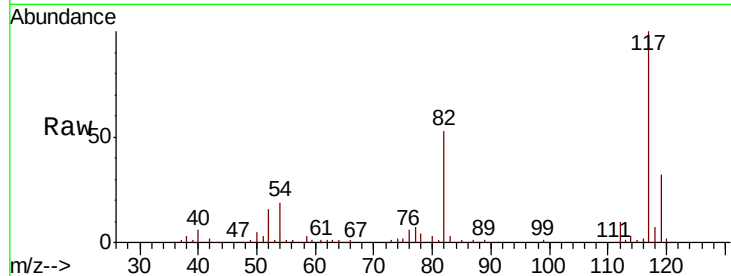




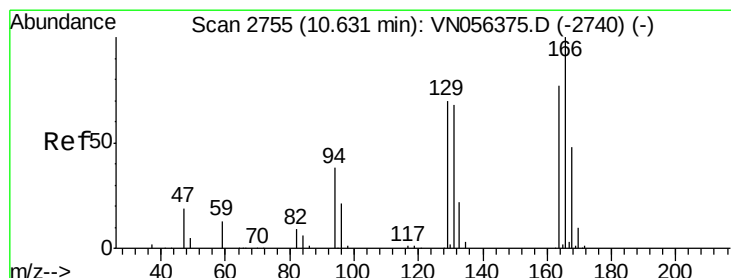
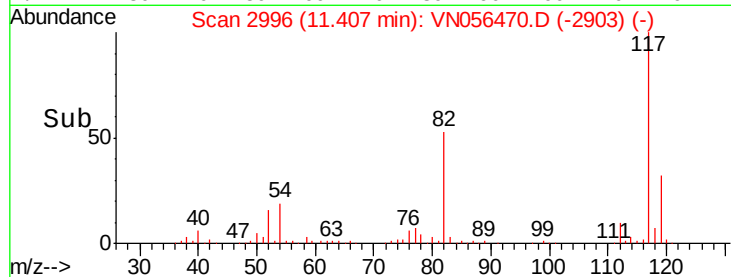
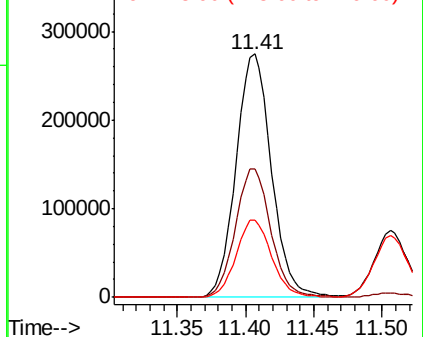
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 496185
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 31.7 25.3 37.9

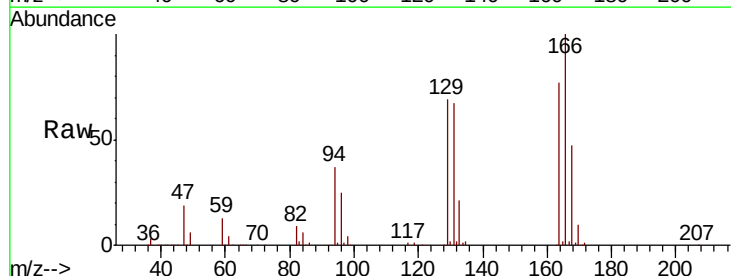


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

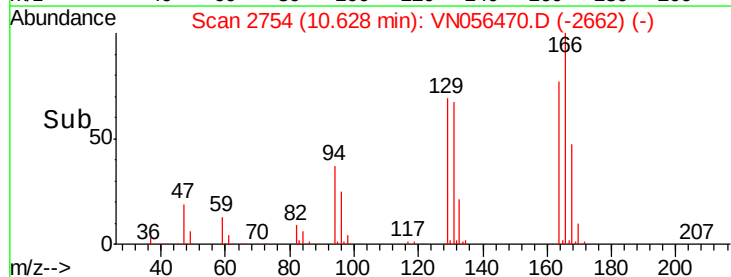
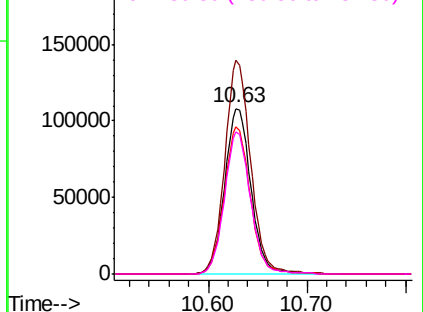


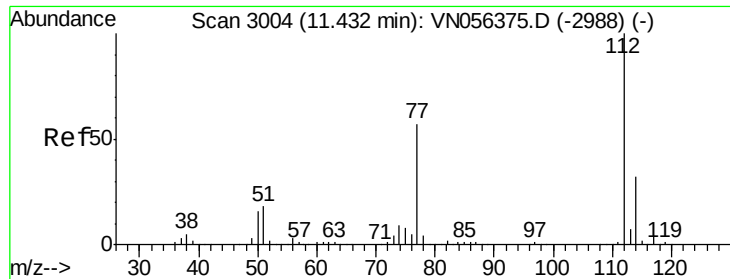
#64
Tetrachloroethene
Concen: 51.535 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion:164 Resp: 202502
Ion Ratio Lower Upper
164 100
166 129.1 103.4 155.0
129 89.1 72.0 108.0
131 86.1 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

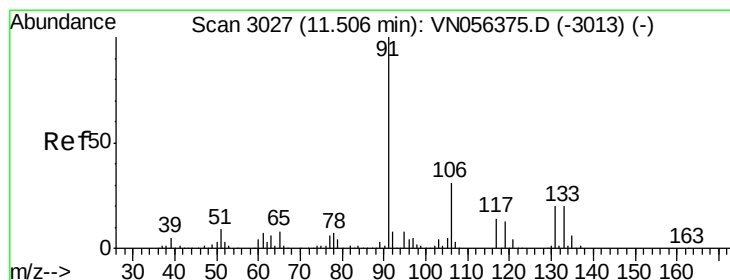
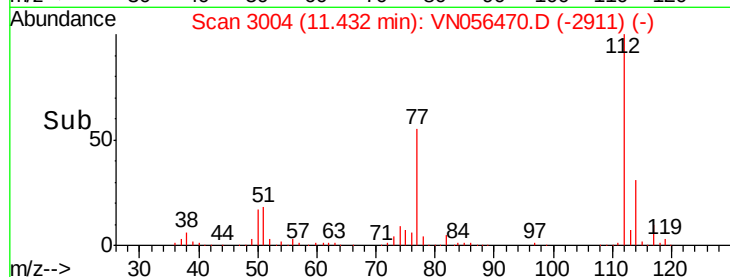
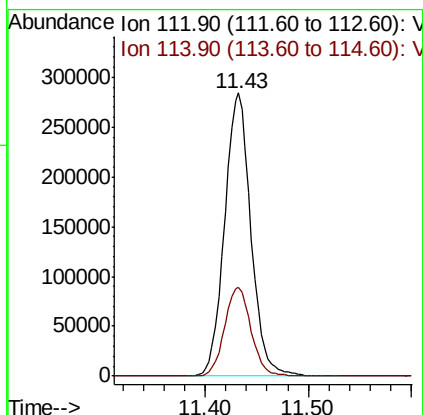
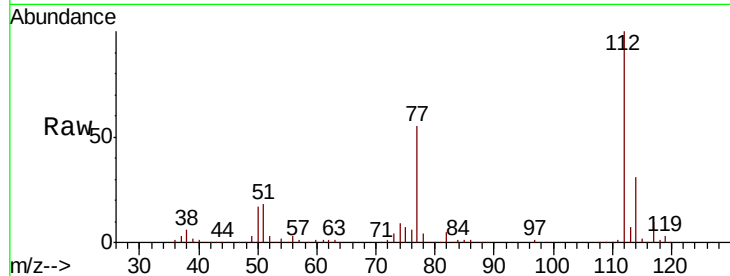




#65
Chlorobenzene
Concen: 50.526 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

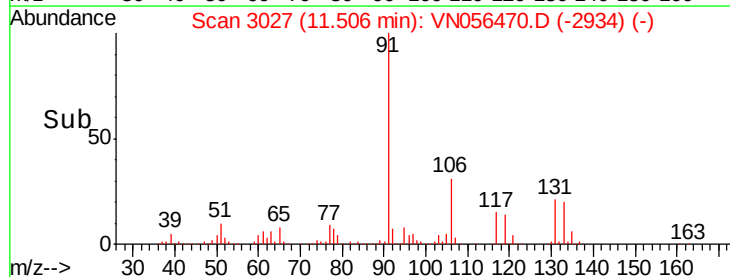
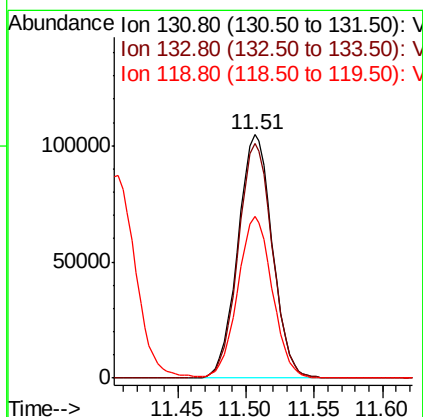
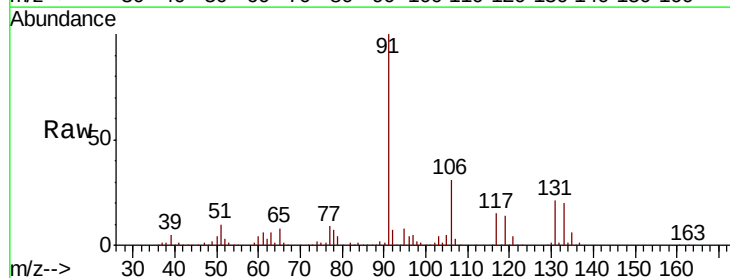
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

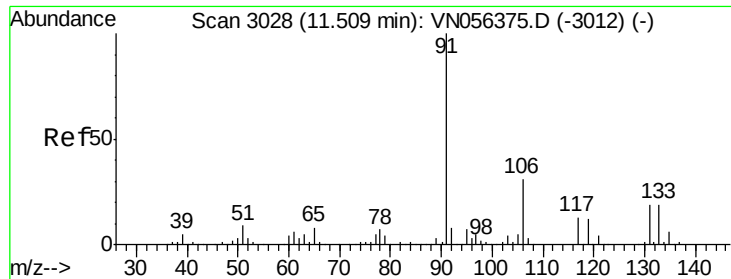
Tot Ion:112 Resp: 503751
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.630 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion:131 Resp: 184085
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 66.4 32.8 98.4

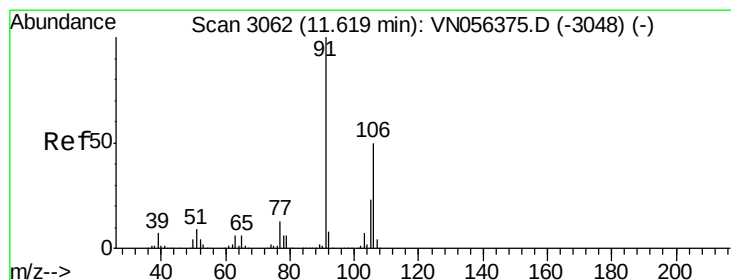
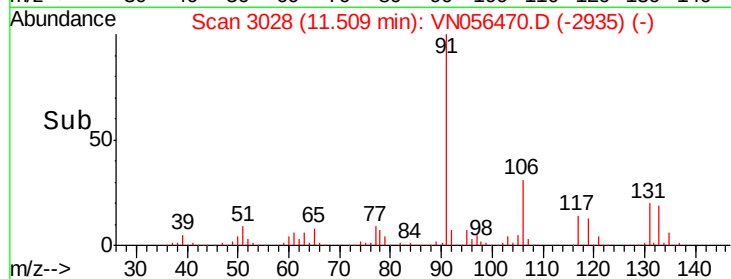
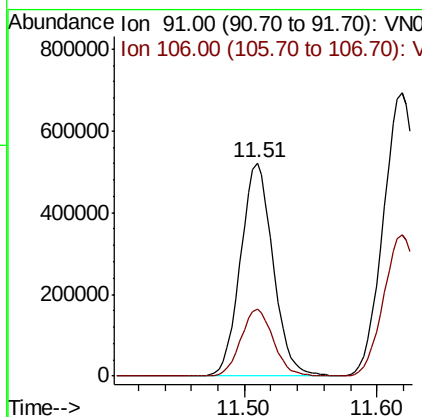
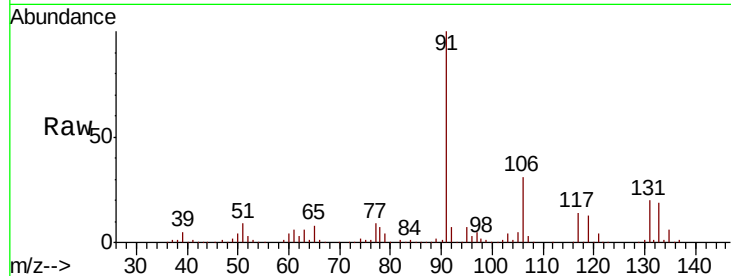




#67
Ethyl Benzene
Concen: 50.631 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

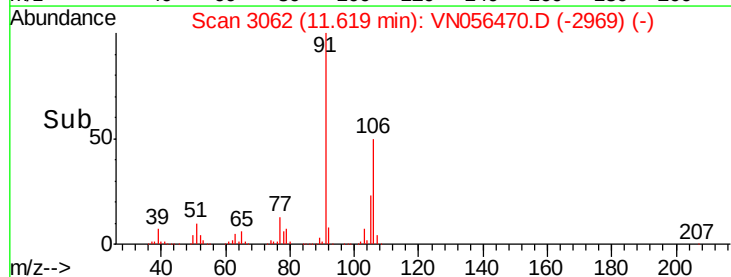
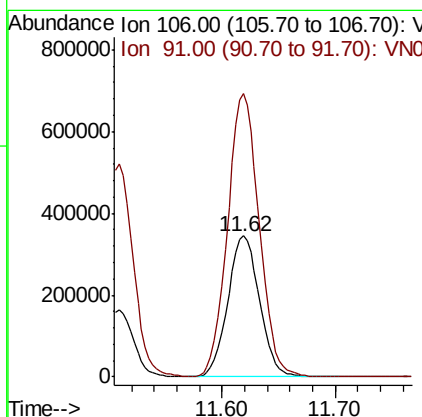
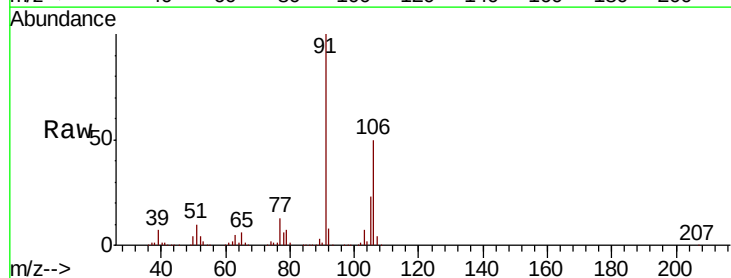
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

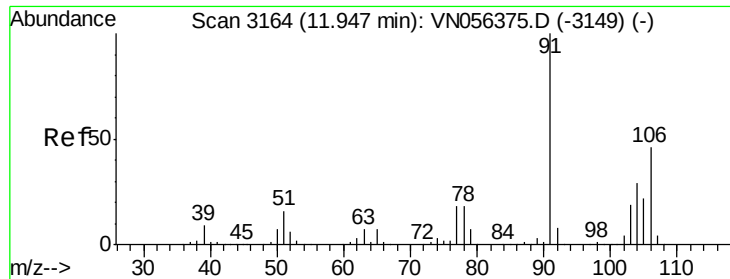
Tot Ion: 91 Resp: 886346
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 104.529 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 106 Resp: 670617
Ion Ratio Lower Upper
106 100
91 200.4 160.1 240.1

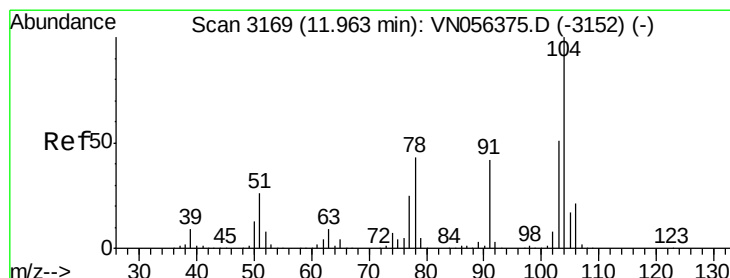
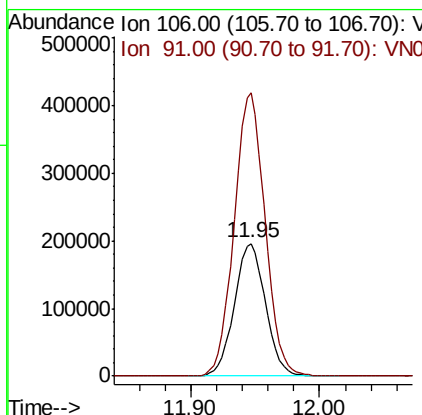
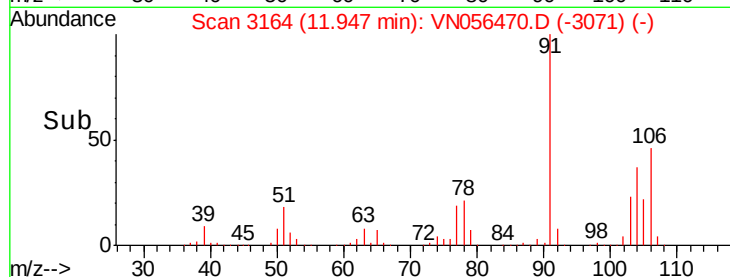
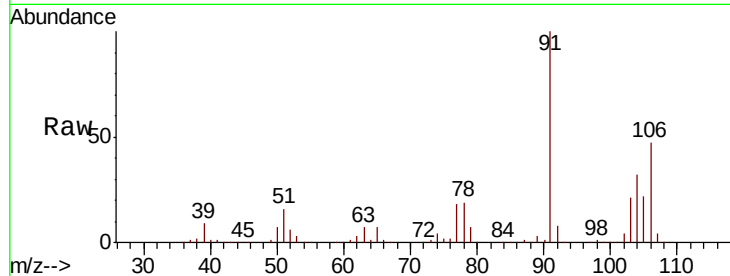




#69
o-Xylene
Concen: 51.764 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

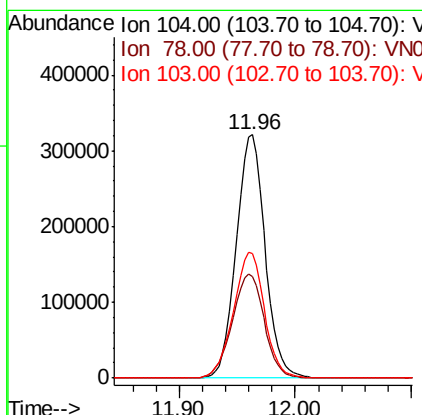
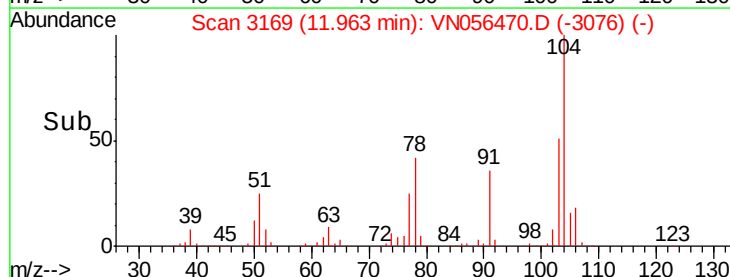
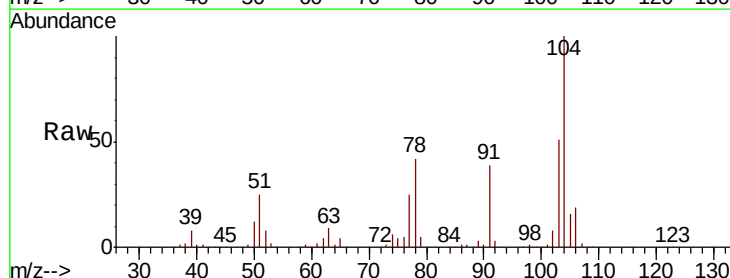
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

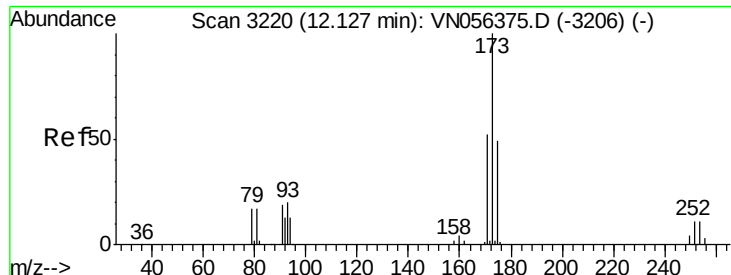
Tot Ion:106 Resp: 328558
Ion Ratio Lower Upper
106 100
91 211.8 107.1 321.3



#70
Styrene
Concen: 54.371 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion:104 Resp: 551619
Ion Ratio Lower Upper
104 100
78 47.5 38.6 57.8
103 55.7 43.9 65.9

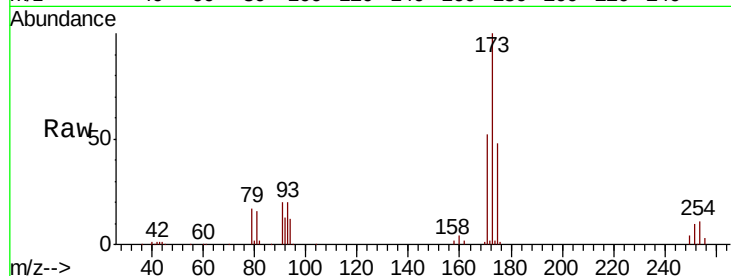




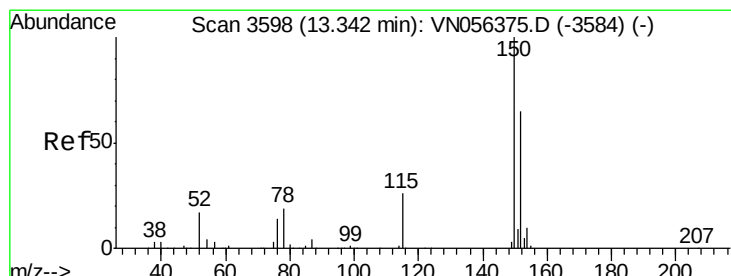
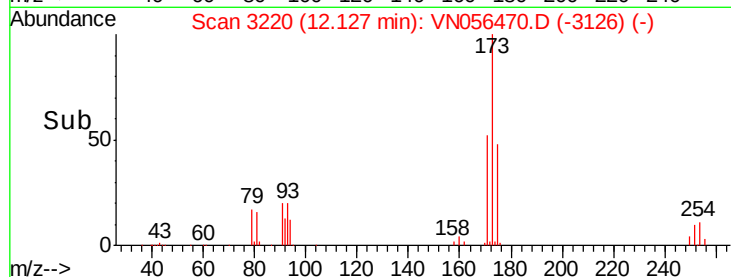
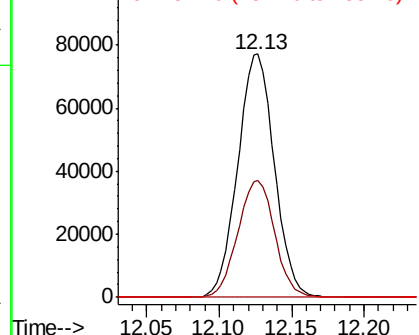
#71
Bromoform
Concen: 49.755 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 135211
Ion Ratio Lower Upper
173 100
175 48.4 24.4 73.4
254 0.0 0.0 0.0

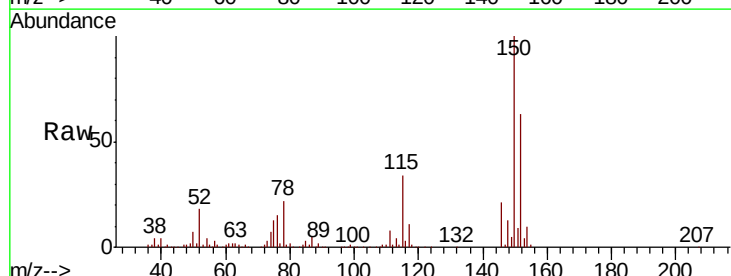


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

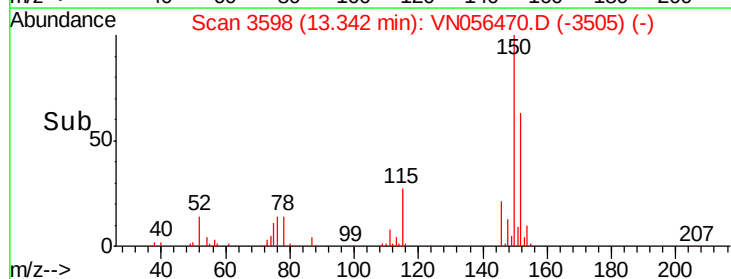
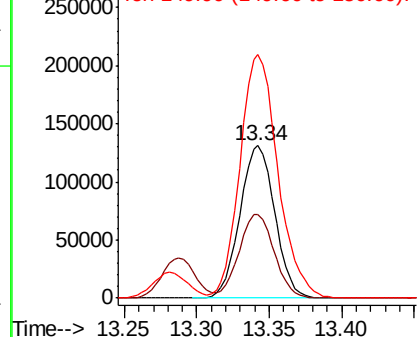


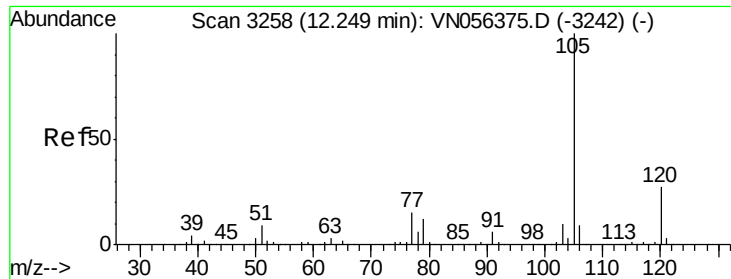
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion:152 Resp: 219030
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.4
150 173.9 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.512 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

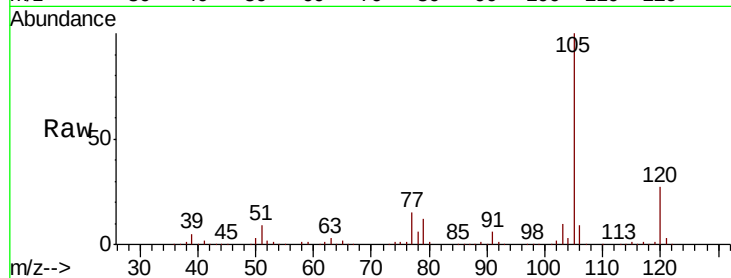
VSTDCCC050

Tot Ion:105 Resp: 877230

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

500000

400000

300000

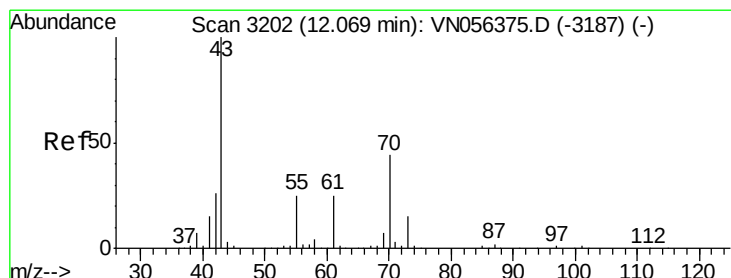
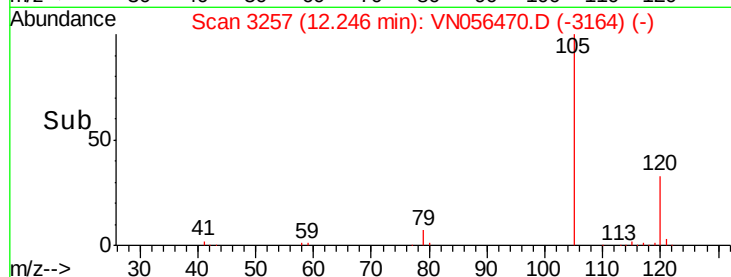
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 45.775 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Tgt Ion: 43 Resp: 319087

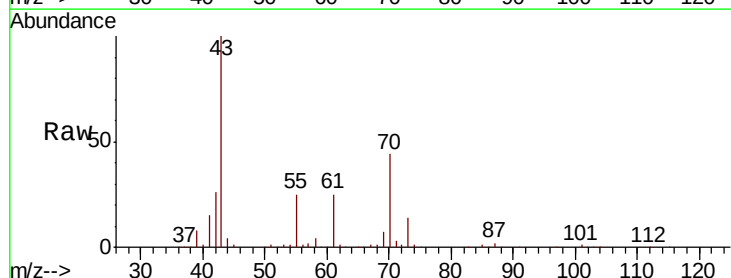
Ion Ratio Lower Upper

43 100

70 43.6 34.9 52.3

55 25.0 20.4 30.6

61 25.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

300000

250000

200000

150000

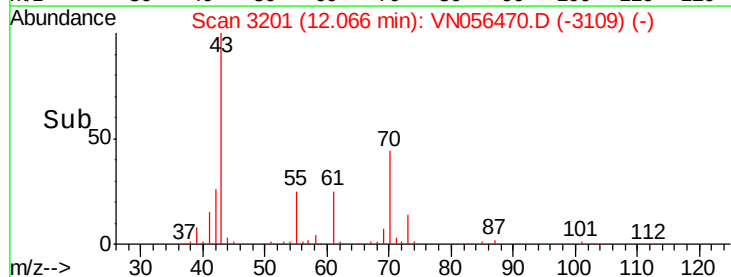
100000

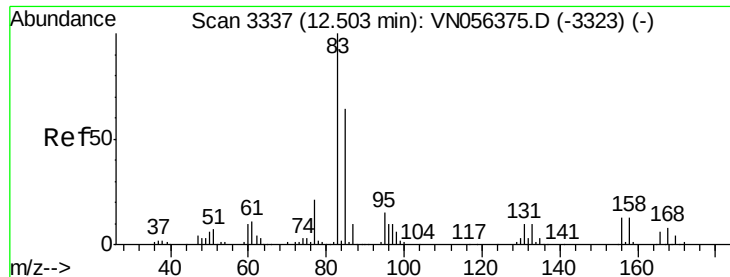
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 51.742 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

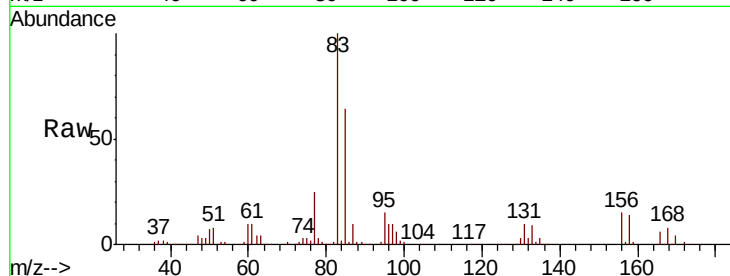
Tot Ion: 83 Resp: 262978

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

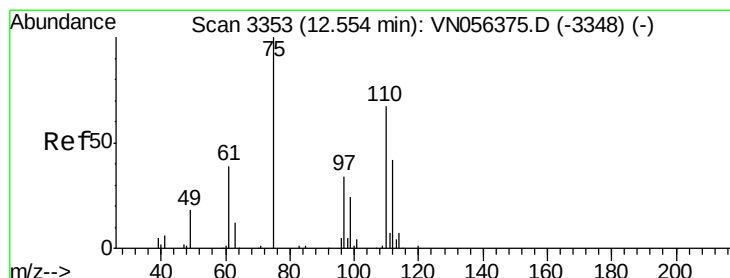
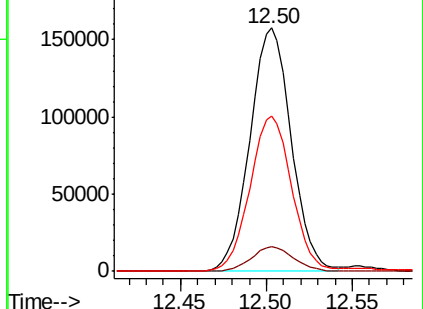
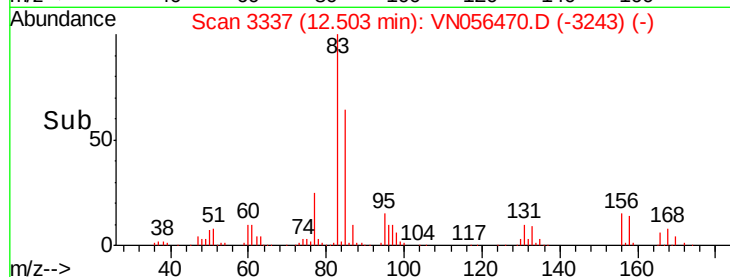
85 64.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056470.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056470.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056470.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 68.902 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056470.D

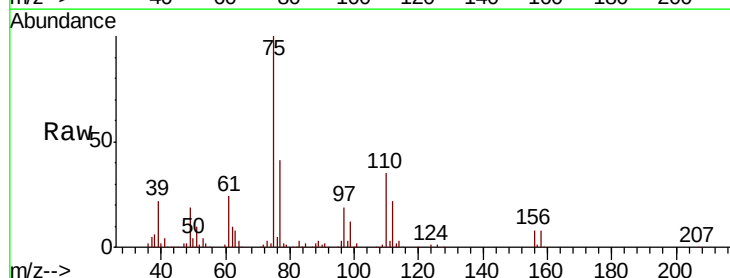
Acq: 25 Jun 2019 8:38

Tgt Ion: 75 Resp: 312929

Ion Ratio Lower Upper

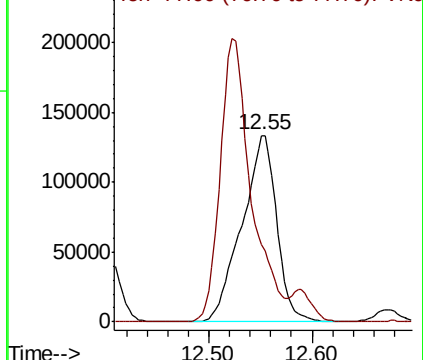
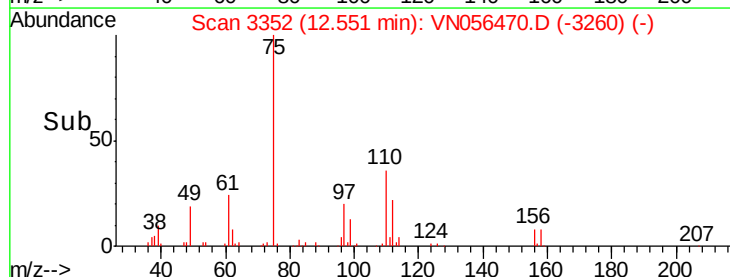
75 100

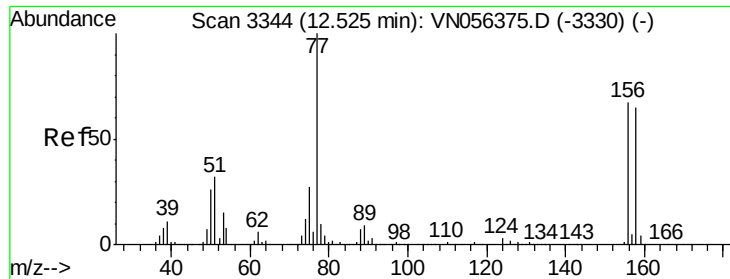
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056470.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN056470.D (-3260) (-)

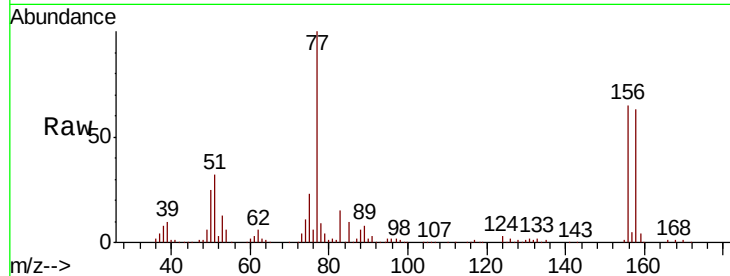




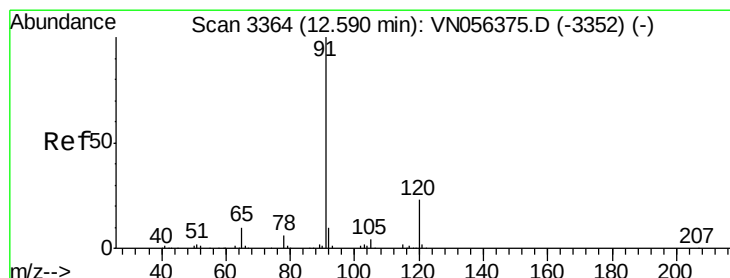
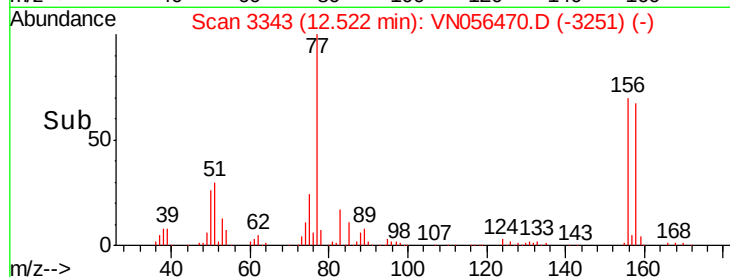
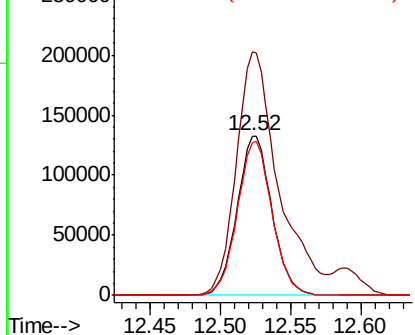
#77
Bromobenzene
Concen: 46.739 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 228907
Ion Ratio Lower Upper
156 100
77 185.4 92.5 277.3
158 96.5 48.7 146.1

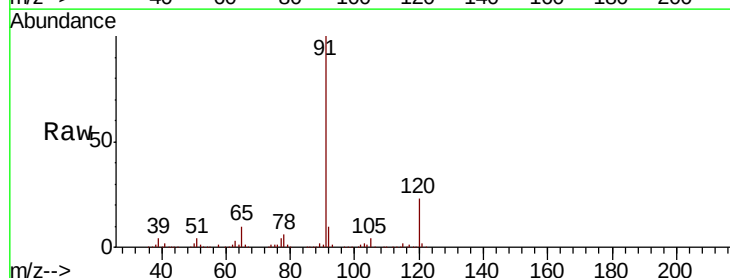


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

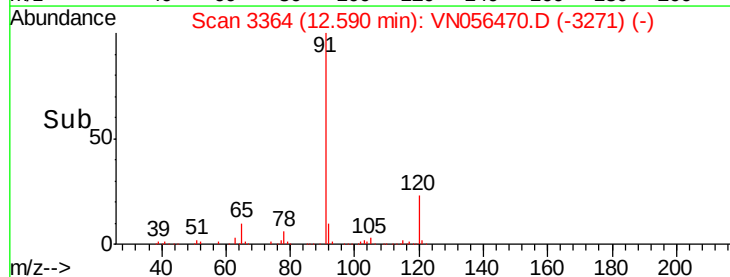
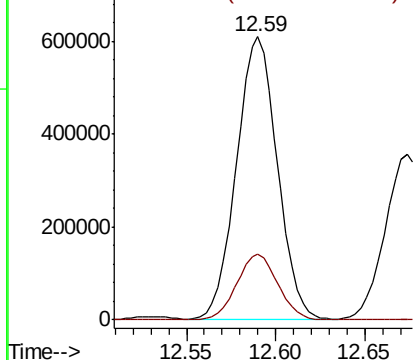


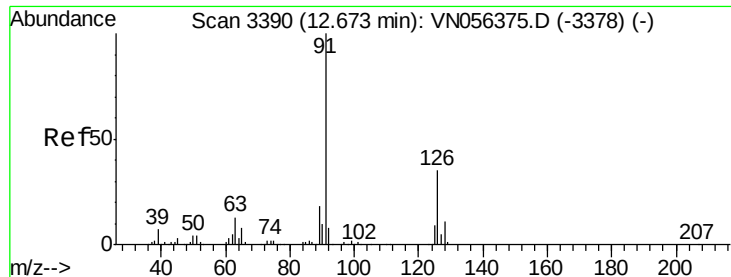
#78
n-propylbenzene
Concen: 48.351 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056470.D
Acq: 25 Jun 2019 8:38

Tgt Ion: 91 Resp: 969809
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4



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





#79

2-Chlorotoluene

Concen: 53.656 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

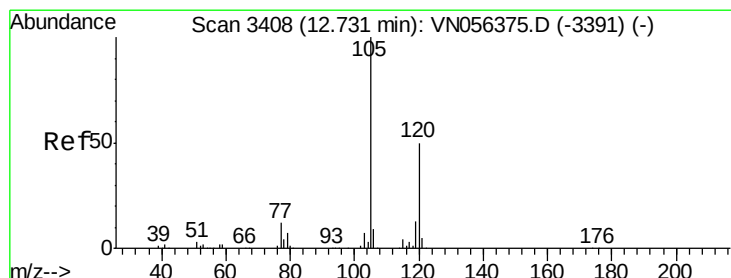
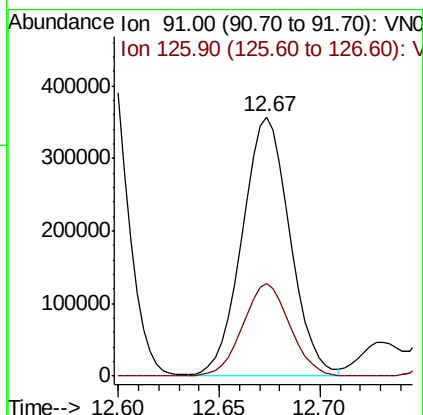
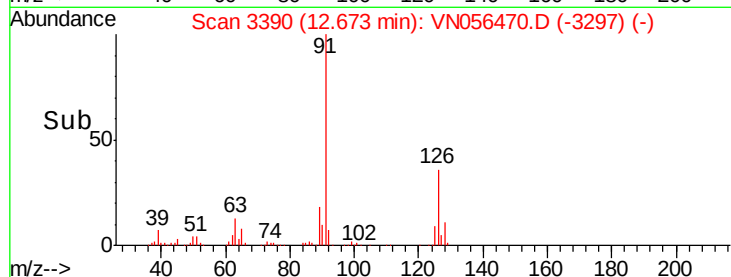
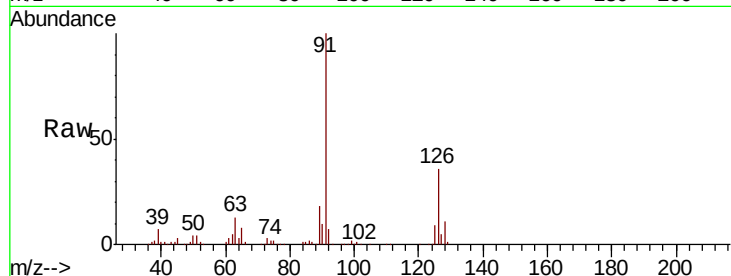
VSTDCCC050

Tot Ion: 91 Resp: 588098

Ion Ratio Lower Upper

91 100

126 35.6 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 53.279 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056470.D

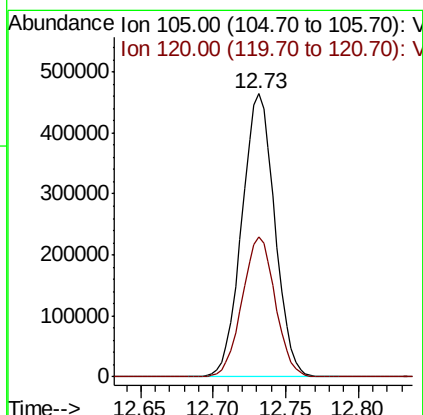
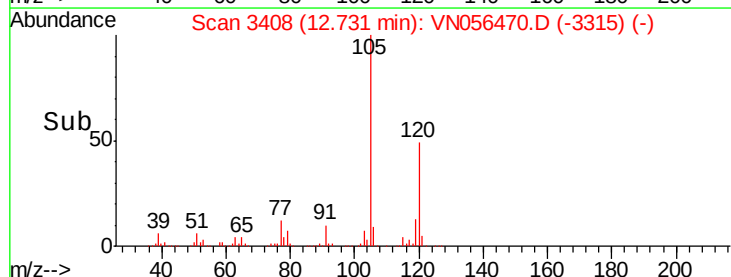
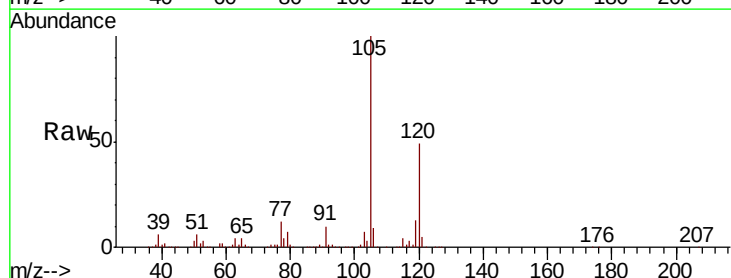
Acq: 25 Jun 2019 8:38

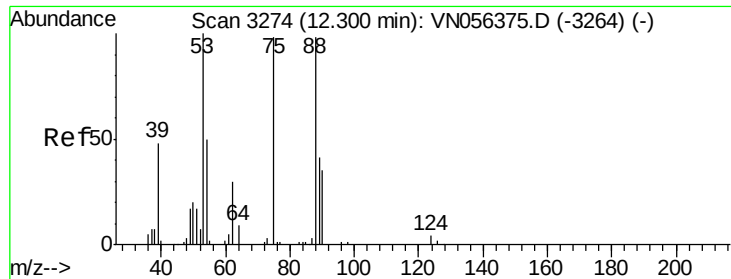
Tgt Ion: 105 Resp: 732385

Ion Ratio Lower Upper

105 100

120 49.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.856 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

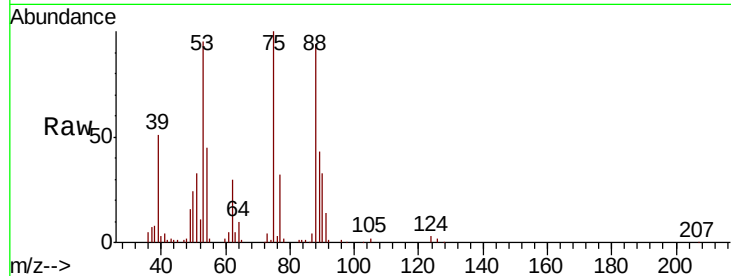
Tot Ion: 75 Resp: 70097

Ion Ratio Lower Upper

75 100

53 94.9 83.9 125.9

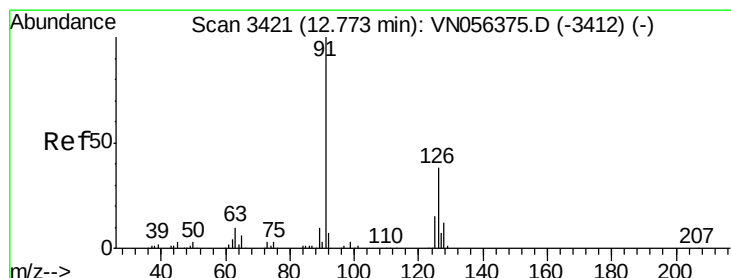
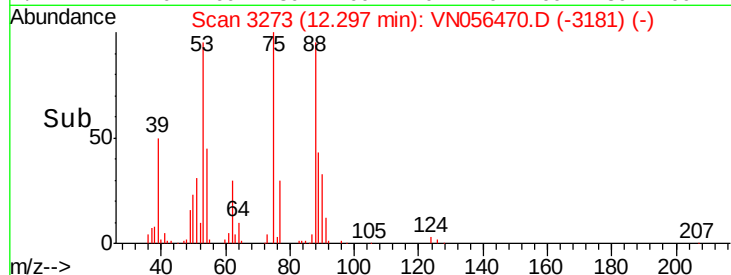
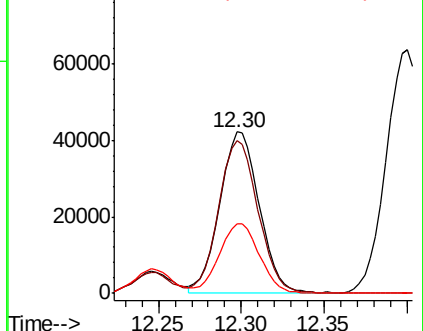
89 43.9 35.0 52.6



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: 48.830 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056470.D

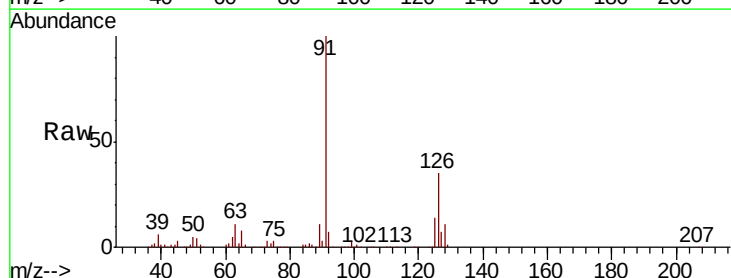
Acq: 25 Jun 2019 8:38

Tgt Ion: 91 Resp: 578294

Ion Ratio Lower Upper

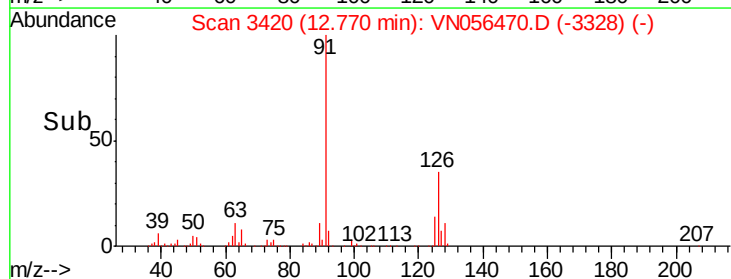
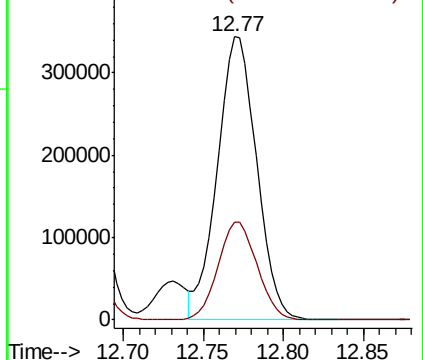
91 100

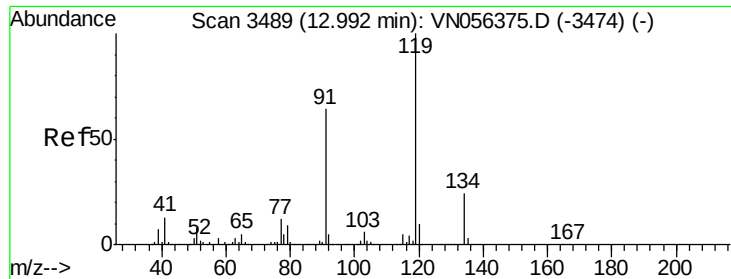
126 34.5 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

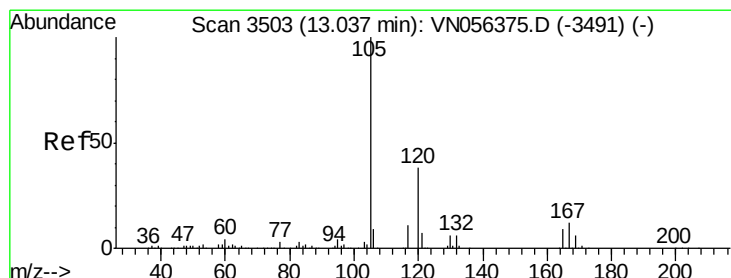
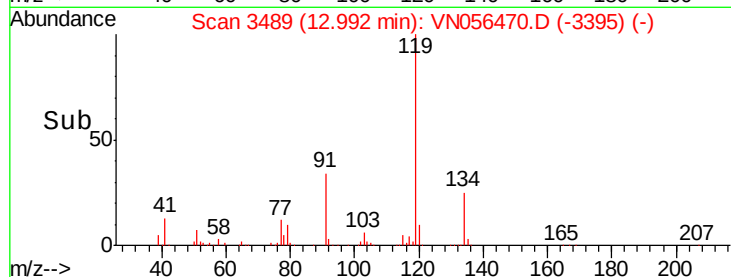
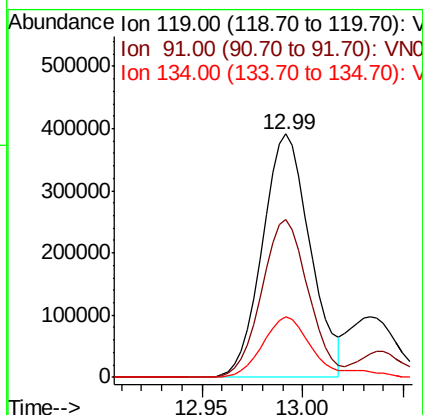
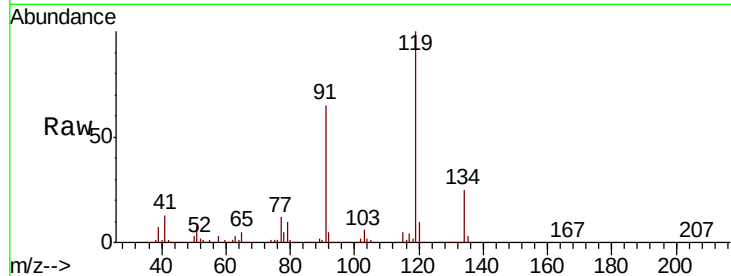




#83
 tert-Butylbenzene
 Concen: 53.862 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

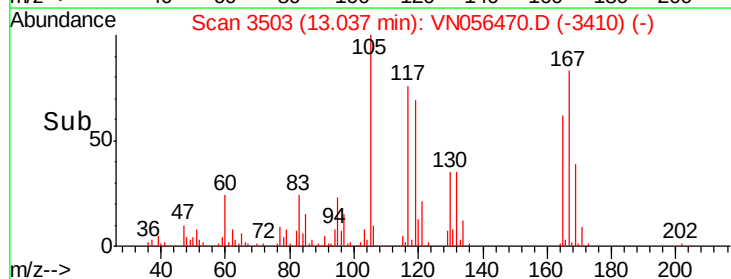
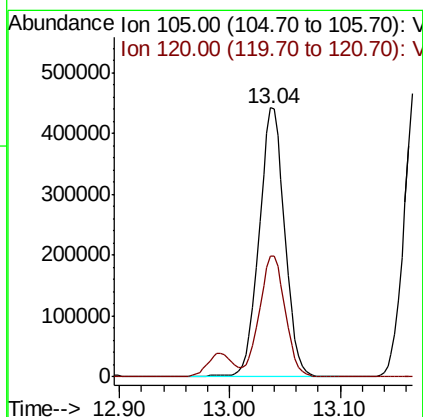
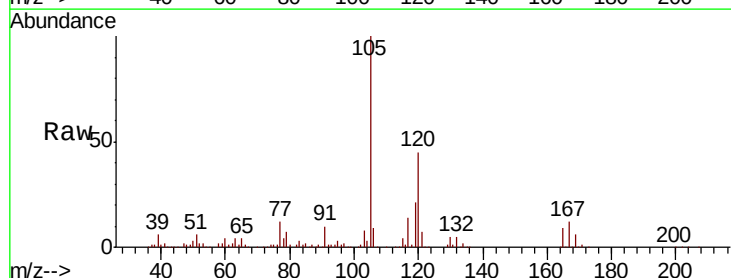
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

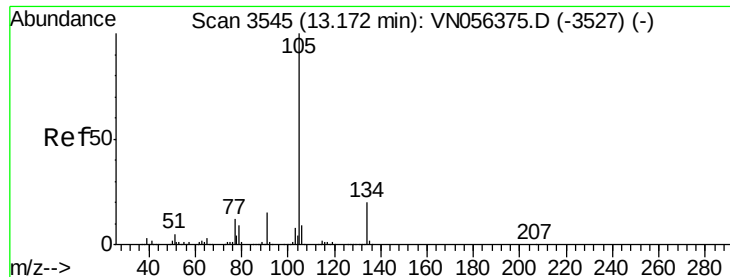
Tot Ion:119 Resp: 644395
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.6 94.7
 134 26.6 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.418 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion:105 Resp: 713924
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.152 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

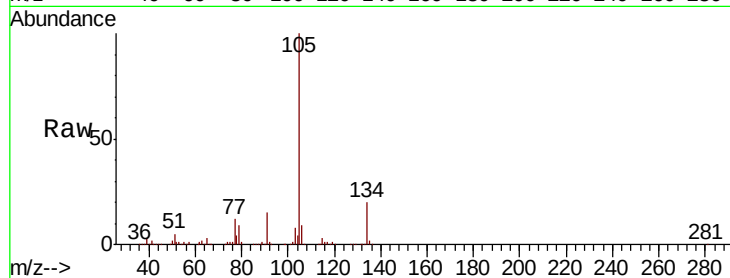
VSTDCCC050

Tot Ion:105 Resp: 848911

Ion Ratio Lower Upper

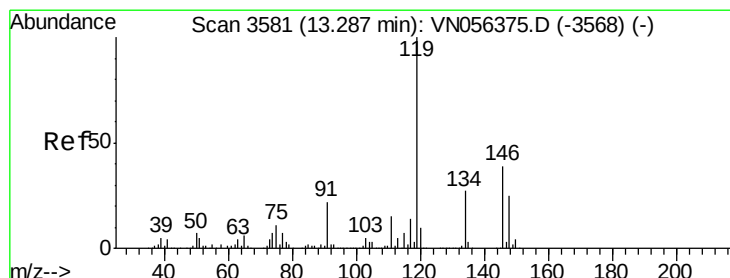
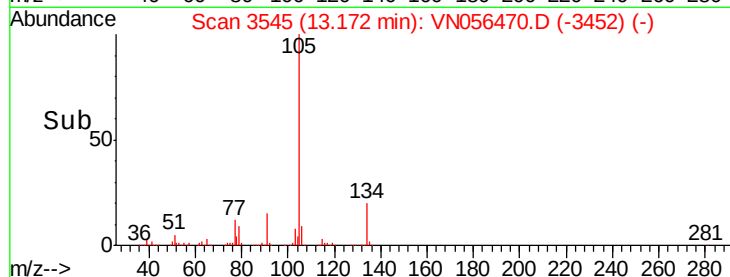
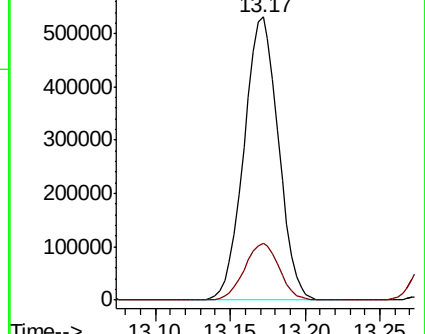
105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.482 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

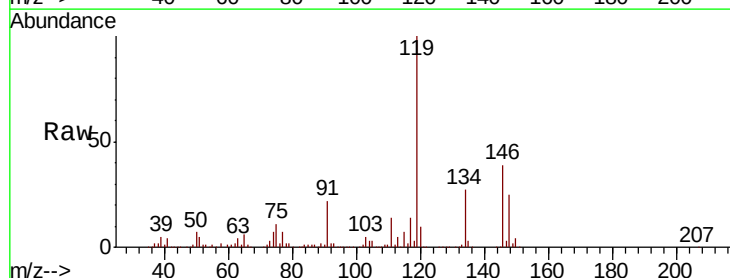
Tgt Ion:119 Resp: 748657

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

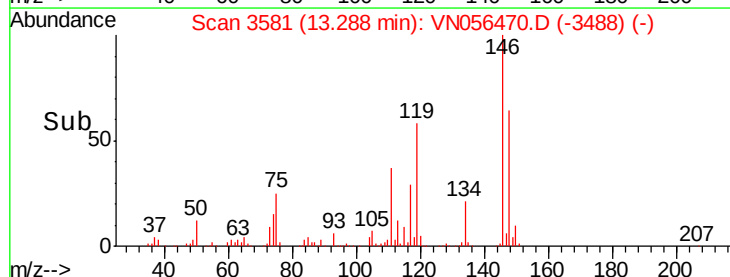
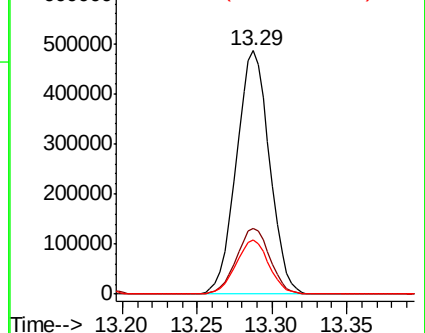
91 22.1 11.2 33.5

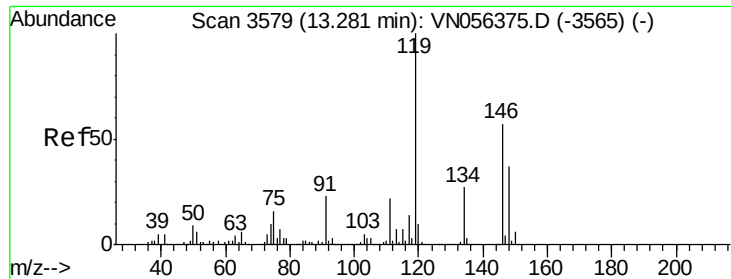


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

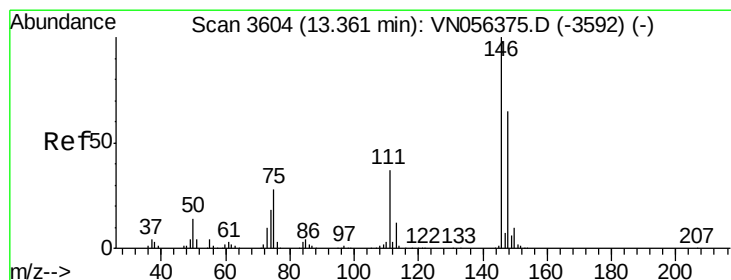
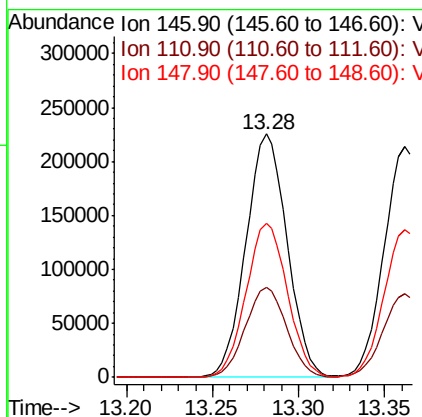
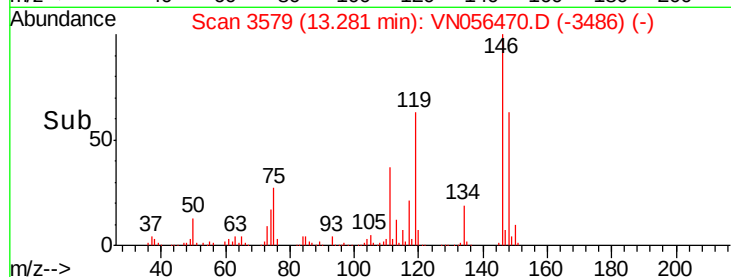
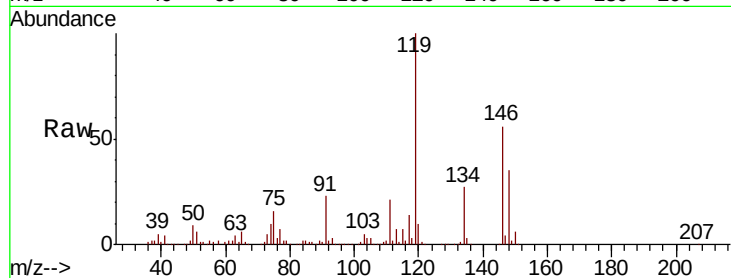




#87
 1,3-Dichlorobenzene
 Concen: 50.543 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

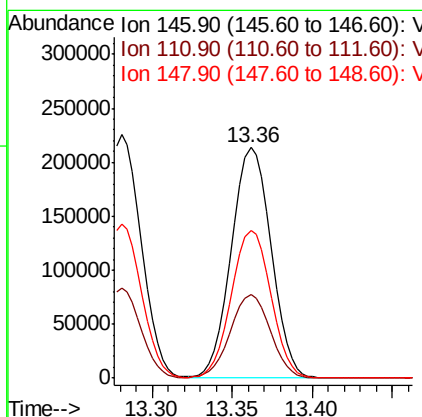
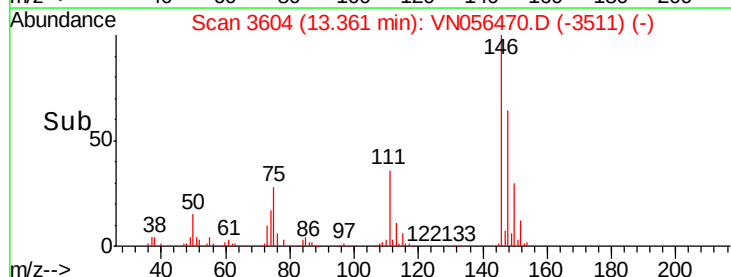
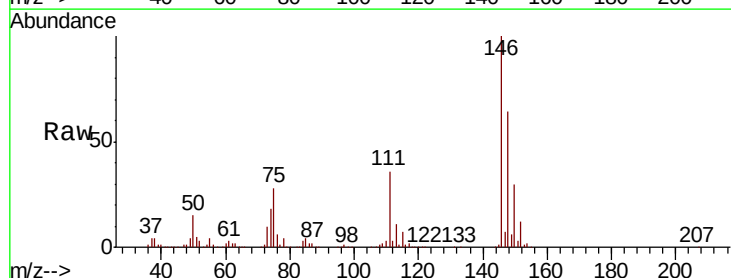
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

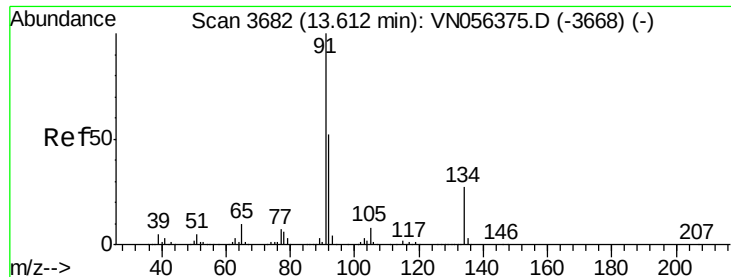
Tot Ion:146 Resp: 375126
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.9
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.445 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion:146 Resp: 362598
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.4
 148 63.7 32.4 97.0





#89

n-Butylbenzene

Concen: 50.366 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

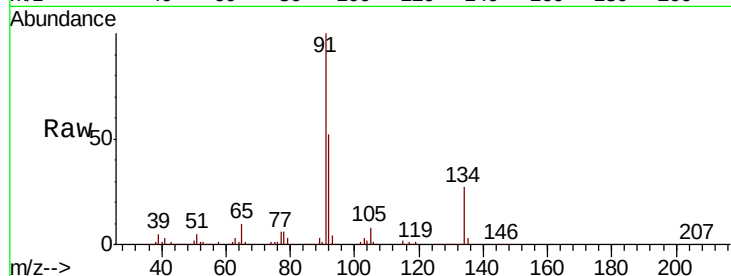
Tot Ion: 91 Resp: 576874

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

134 26.7 13.4 40.2

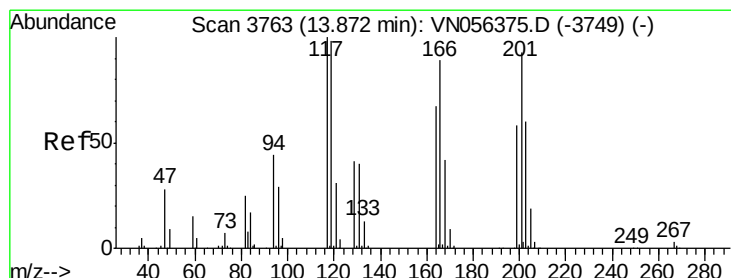
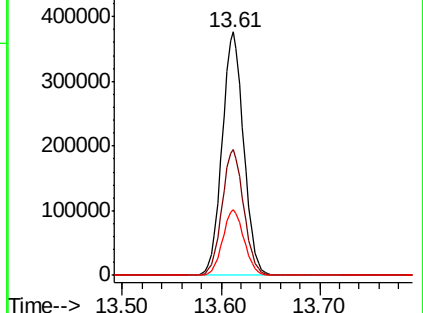
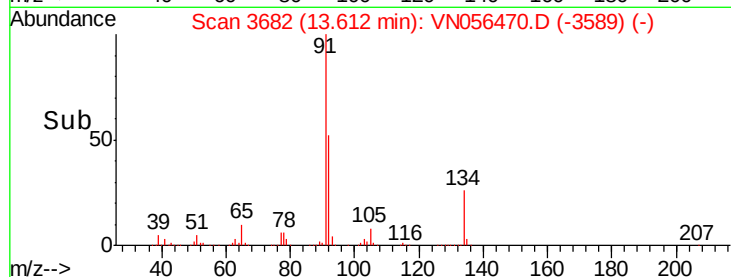


Abundance Ion 91.00 (90.70 to 91.70): VN056470.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN056470.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN056470.D (-3682) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 51.021 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056470.D

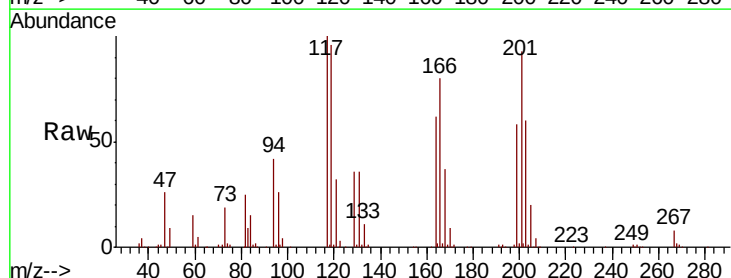
Acq: 25 Jun 2019 8:38

Tgt Ion: 117 Resp: 120350

Ion Ratio Lower Upper

117 100

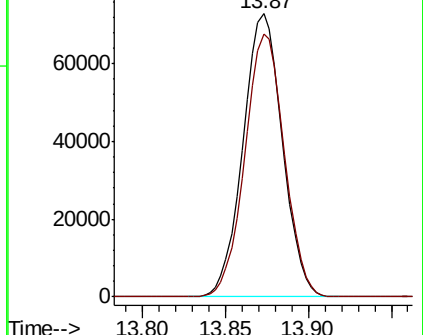
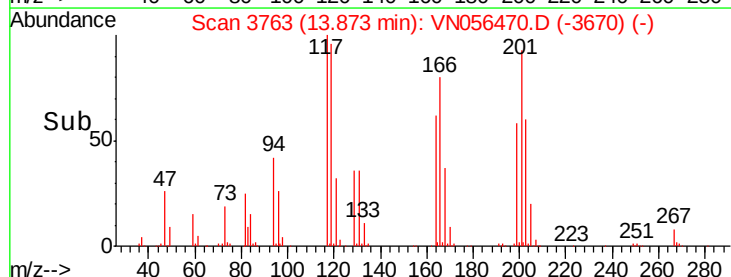
201 92.7 45.9 137.6

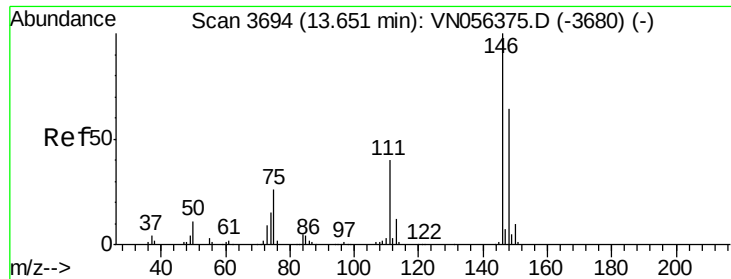


Abundance Ion 116.80 (116.50 to 117.50): VN056470.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN056470.D (-3763) (-)

Time--> 13.80 13.85 13.90

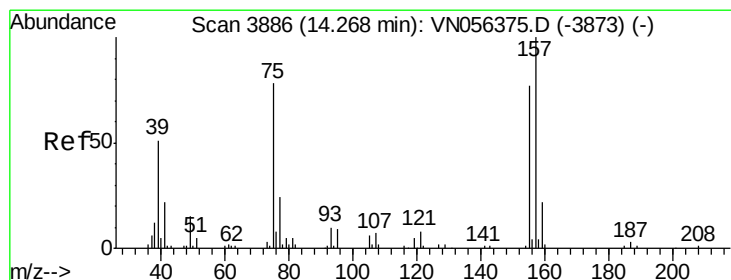
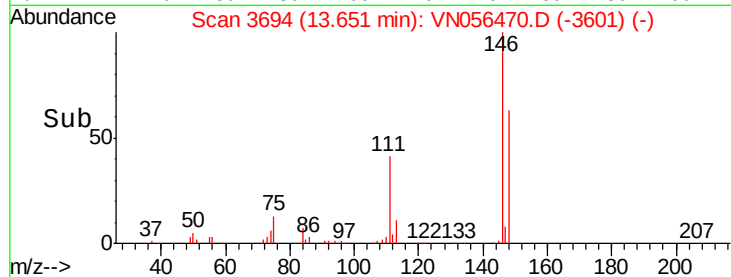
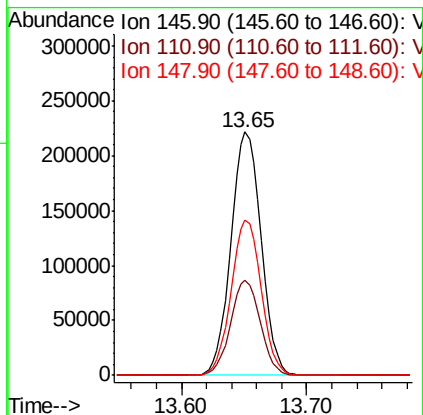
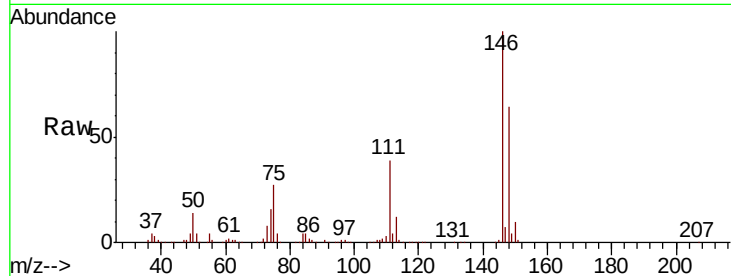




#91
 1,2-Dichlorobenzene
 Concen: 50.299 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

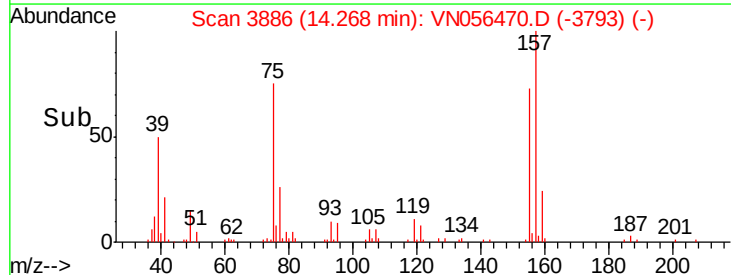
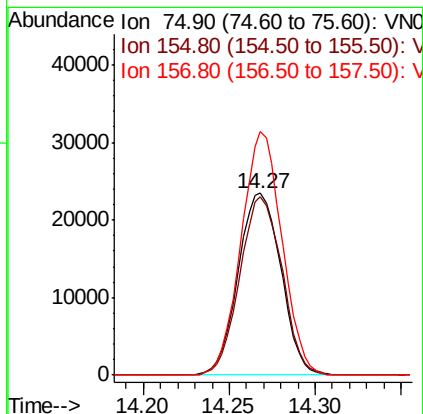
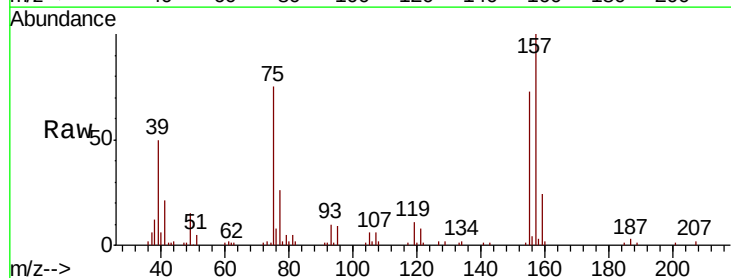
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

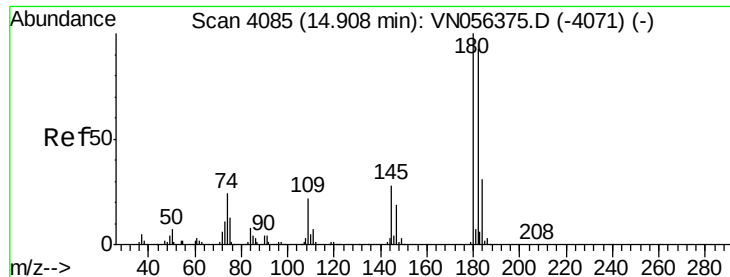
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	63.4	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.924 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	48.9	146.8
157	127.6	62.9	188.8

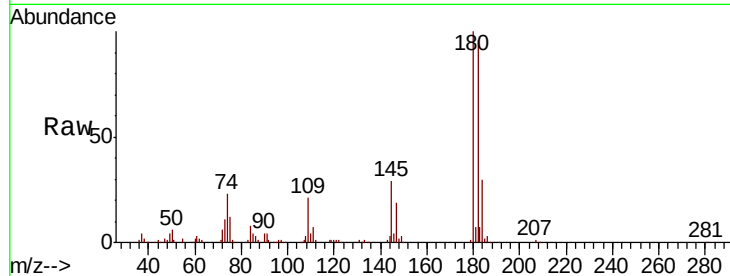




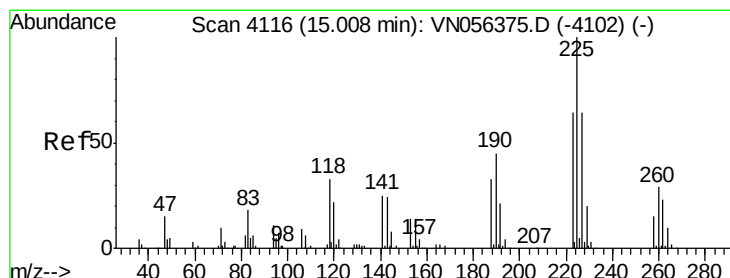
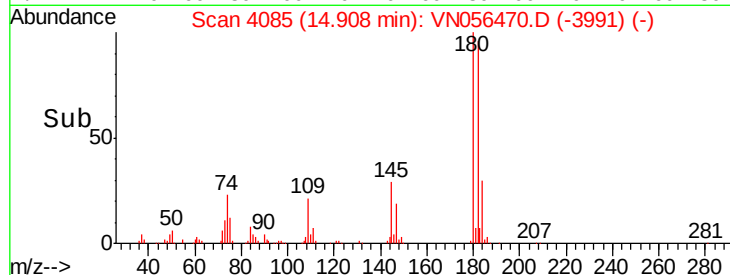
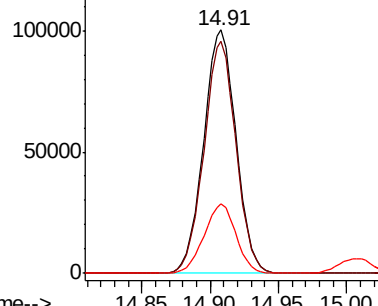
#93
 1,2,4-Trichlorobenzene
 Concen: 43.834 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:180 Resp: 165102
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.9 140.6
 145 28.2 14.4 43.0

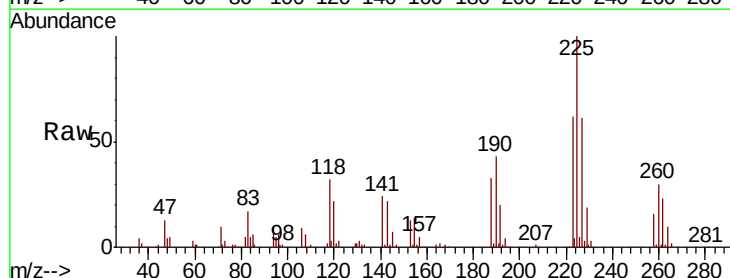


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

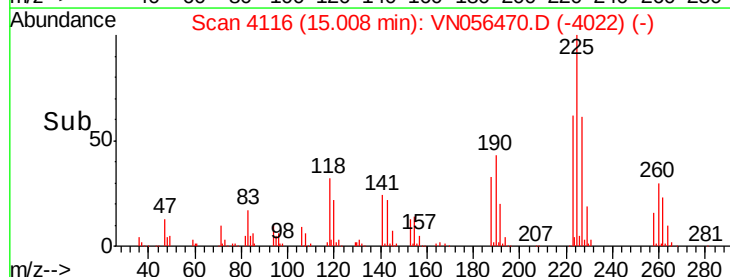
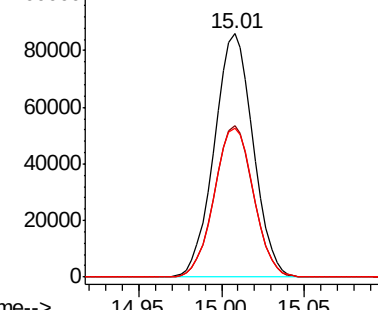


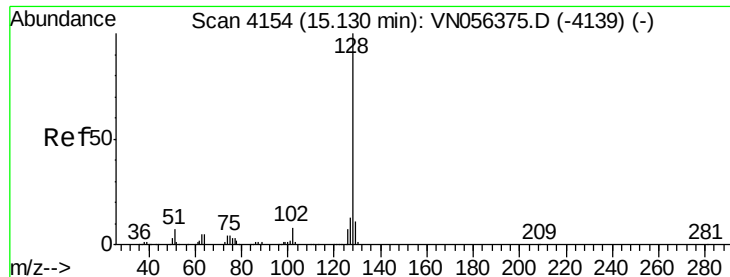
#94
 Hexachlorobutadiene
 Concen: 56.396 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056470.D
 Acq: 25 Jun 2019 8:38

Tgt Ion:225 Resp: 140135
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.3
 227 62.4 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 42.236 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Instrument :

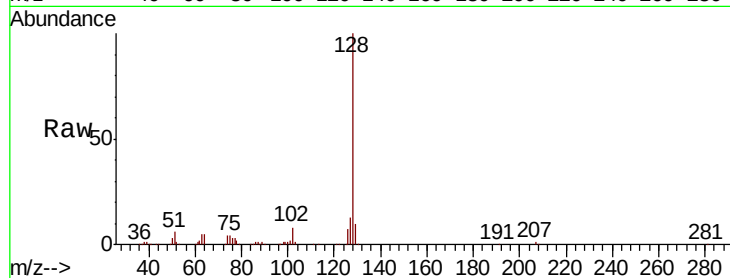
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 414167

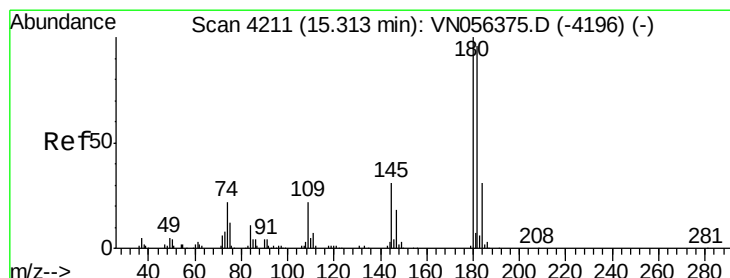
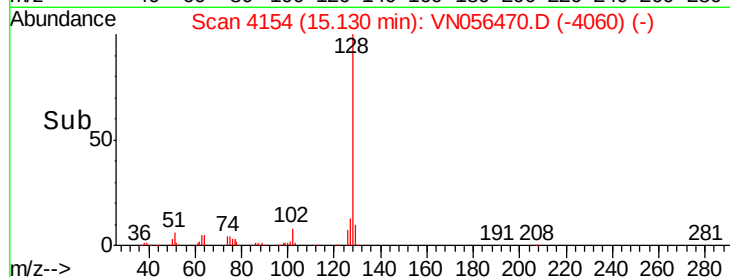
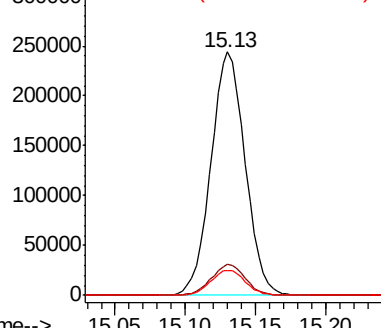
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.5	8.6	12.8



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: 44.779 ug/l

RT: 15.31 min Scan# 4210

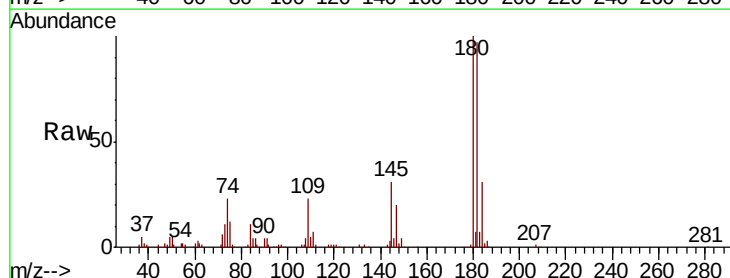
Delta R.T. -0.00 min

Lab File: VN056470.D

Acq: 25 Jun 2019 8:38

Tgt Ion:180 Resp: 175882

Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.3	144.8
145	30.5	15.4	46.1



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

