

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056438.D
 Acq On : 21 Jun 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 01:49:18 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	7.67	168	366956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	573529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211565	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	211382	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	188582	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
50) Toluene-d8	10.09	98	712721	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	239816	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	149161	48.005	ug/l	100
3) Chloromethane	2.06	50	202497	47.863	ug/l	99
4) Vinyl Chloride	2.18	62	204852	50.132	ug/l	100
5) Bromomethane	2.53	94	119975	50.082	ug/l	98
6) Chloroethane	2.68	64	120883	51.083	ug/l	99
7) Trichlorofluoromethane	3.00	101	266995	50.511	ug/l	100
8) Diethyl Ether	3.41	74	114709	51.277	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	163294	48.443	ug/l	99
10) Methyl Iodide	3.95	142	246242	54.049	ug/l	100
11) Tert butyl alcohol	4.80	59	174122	254.197	ug/l	99
12) 1,1-Dichloroethene	3.73	96	165026	50.908	ug/l	97
13) Acrolein	3.61	56	117460	203.458	ug/l	97
14) Allyl chloride	4.32	41	282749	52.398	ug/l	100
15) Acrylonitrile	4.99	53	507834	267.984	ug/l	99
16) Acetone	3.82	43	440453	216.160	ug/l	100
17) Carbon Disulfide	4.05	76	347108	47.078	ug/l	99
18) Methyl Acetate	4.33	43	213264	53.499	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	572942	53.414	ug/l	99
20) Methylene Chloride	4.55	84	198333	51.663	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	175673	50.265	ug/l	99
22) Diisopropyl ether	5.95	45	599367	52.889	ug/l	96
23) Vinyl Acetate	5.90	43	2498983	279.579	ug/l	100
24) 1,1-Dichloroethane	5.85	63	337719	51.915	ug/l	100
25) 2-Butanone	6.84	43	689135	255.537	ug/l	98
26) 2,2-Dichloropropane	6.82	77	219541	48.523	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	215180	52.625	ug/l	98
28) Bromochloromethane	7.19	49	169549	52.693	ug/l	97
29) Tetrahydrofuran	7.21	42	451015	273.669	ug/l	99
30) Chloroform	7.37	83	334540	52.116	ug/l	100
31) Cyclohexane	7.65	56	297765	47.413	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	271974	53.453	ug/l	99
36) 1,1-Dichloropropene	7.79	75	245235	48.580	ug/l	99
37) Ethyl Acetate	6.93	43	265351	53.488	ug/l	99
38) Carbon Tetrachloride	7.77	117	224255	50.800	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	291894	46.861	ug/l	98
40) Benzene	8.04	78	777908	50.097	ug/l	99
41) Methacrylonitrile	7.17	41	111015	50.677	ug/l	99
42) 1,2-Dichloroethane	8.12	62	256072	49.970	ug/l	99
43) Isopropyl Acetate	8.17	43	422251	55.199	ug/l	100
44) Trichloroethene	8.83	130	211809	50.638	ug/l	99
45) 1,2-Dichloropropane	9.12	63	213573	51.430	ug/l	100
46) Dibromomethane	9.21	93	134859	51.907	ug/l	98
47) Bromodichloromethane	9.40	83	246474	53.489	ug/l	99
48) Methyl methacrylate	9.20	41	207068	54.017	ug/l	97
49) 1,4-Dioxane	9.20	88	83410	1048.503	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1327978	268.964	ug/l	100
52) Toluene	10.16	92	477666	50.315	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	259950	48.526	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	300590	54.170	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	199146	52.188	ug/l	99
56) Ethyl methacrylate	10.43	69	305286	54.743	ug/l	99
57) 1,3-Dichloropropane	10.71	76	337431	52.637	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	502931	251.033	ug/l	99
59) 2-Hexanone	10.75	43	922719	254.276	ug/l	99
60) Dibromochloromethane	10.90	129	193386	49.338	ug/l	100
61) 1,2-Dibromoethane	11.00	107	207843	53.329	ug/l	99
64) Tetrachloroethene	10.63	164	204020	50.500	ug/l	99
65) Chlorobenzene	11.43	112	511973	49.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	189458	54.685	ug/l	100
67) Ethyl Benzene	11.51	91	900023	50.004	ug/l	100
68) m/p-Xylenes	11.62	106	675611	102.423	ug/l	99
69) o-Xylene	11.95	106	337260	51.680	ug/l	98
70) Styrene	11.96	104	557922	53.486	ug/l	99
71) Bromoform	12.13	173	135362	48.529	ug/l #	100
73) Isopropylbenzene	12.25	105	884137	55.959	ug/l	100
74) N-amyl acetate	12.07	43	334338	49.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	277754	56.883	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	325920	74.295	ug/l #	100
77) Bromobenzene	12.53	156	231448	48.926	ug/l	100
78) n-propylbenzene	12.59	91	953582	49.219	ug/l	100
79) 2-Chlorotoluene	12.67	91	582649	55.103	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	722319	54.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66751	54.081	ug/l	96
82) 4-Chlorotoluene	12.77	91	561161	49.055	ug/l	100
83) tert-Butylbenzene	12.99	119	642769	55.717	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	707534	49.678	ug/l	99
85) sec-Butylbenzene	13.17	105	823373	48.352	ug/l	100
86) p-Isopropyltoluene	13.29	119	727532	49.782	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	359941	50.208	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	344887	49.674	ug/l	100
89) n-Butylbenzene	13.61	91	543097	49.090	ug/l	100
90) Hexachloroethane	13.87	117	114857	50.411	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	357645	50.282	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41008	52.385	ug/l	97

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QLast Update : Fri Jun 21 03:45:40 2019
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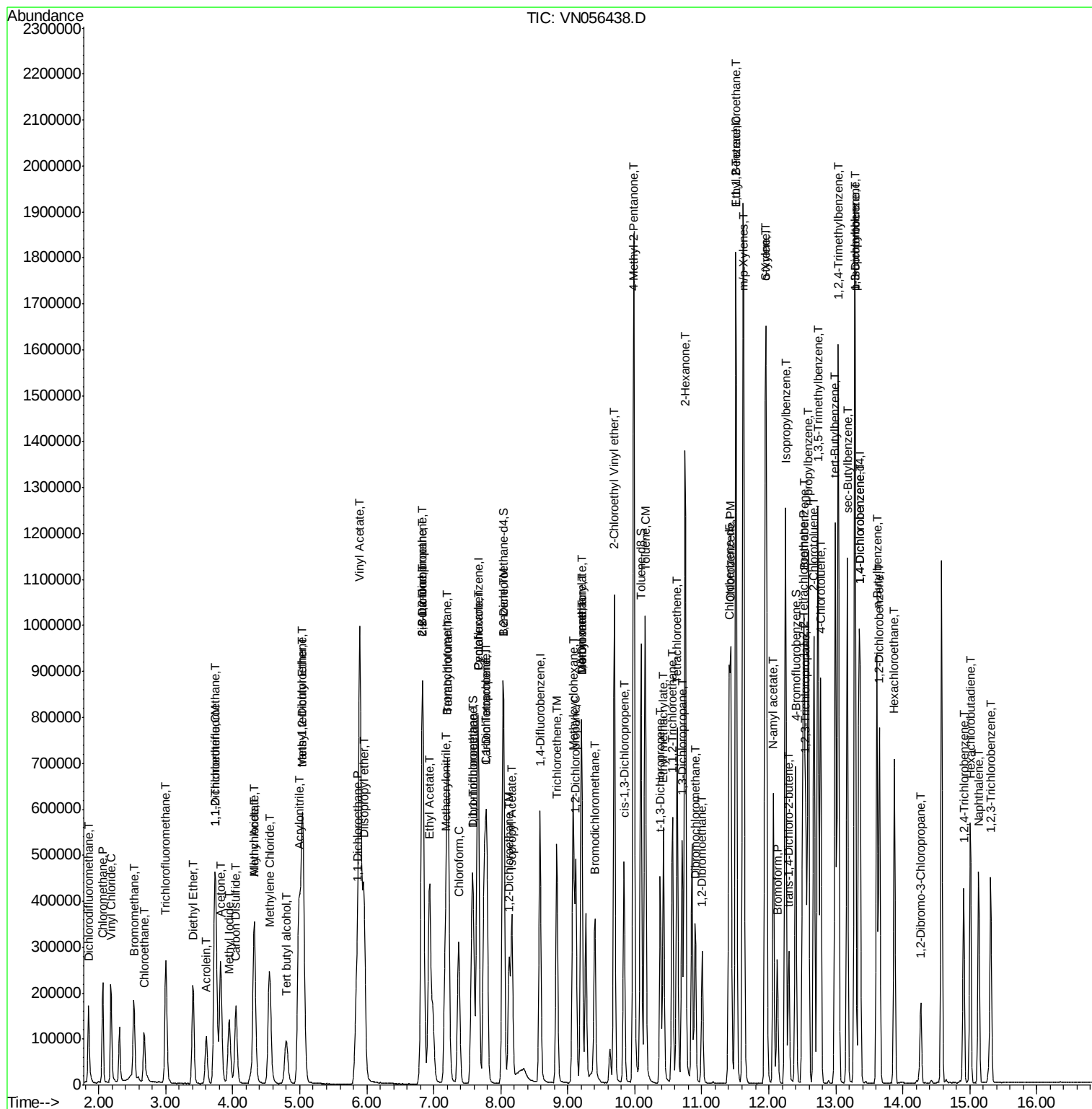
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	148225	41.138	ug/l	99
94) Hexachlorobutadiene	15.01	225	122535	50.868	ug/l	99
95) Naphthalene	15.13	128	420031	44.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	168802	44.521	ug/l	98

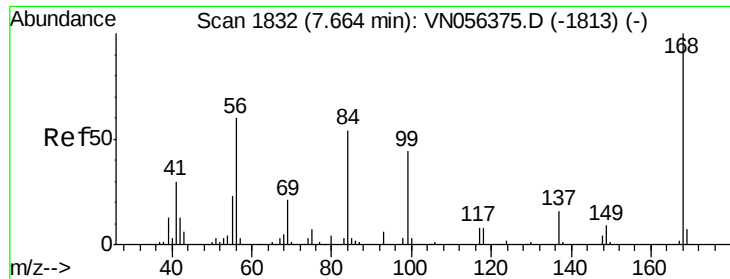
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

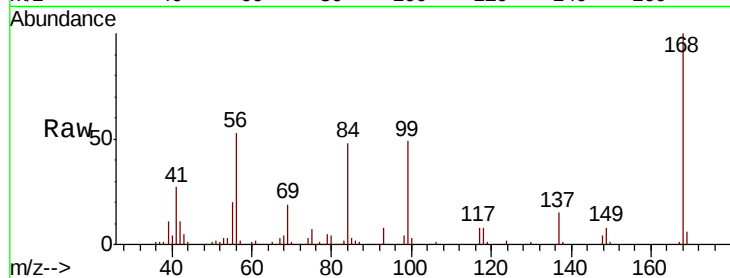
VSTDCCC050EC

Tot Ion:168 Resp: 366956

Ion Ratio Lower Upper

168 100

99 48.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

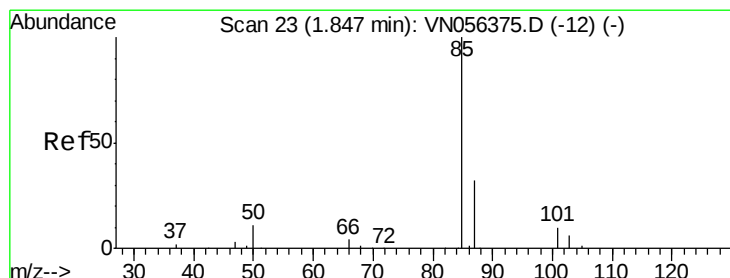
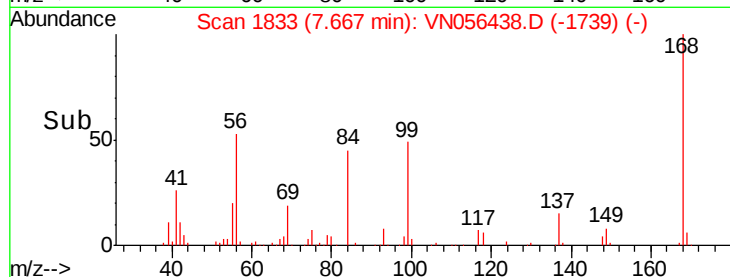
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.005 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056438.D

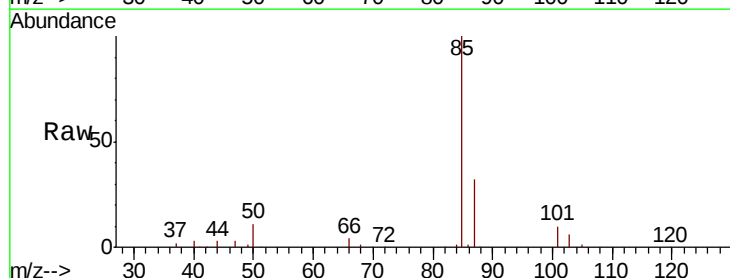
Acq: 21 Jun 2019 19:57

Tgt Ion: 85 Resp: 149161

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

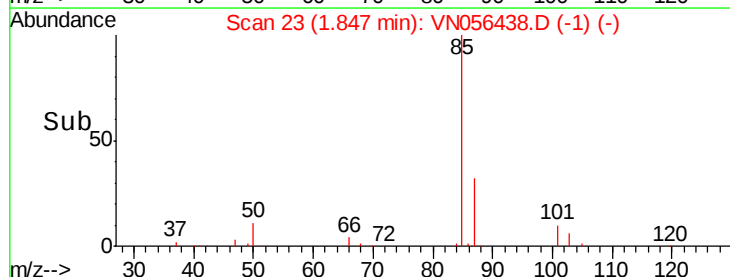
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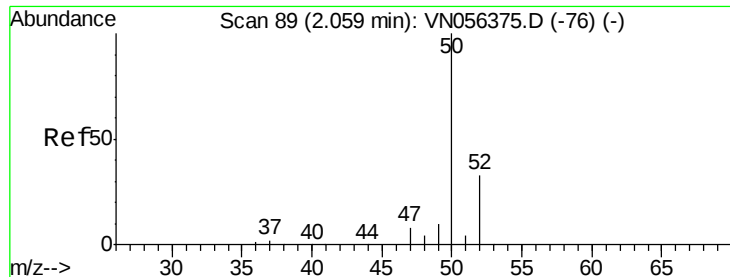
40000

20000

0

Time-->





#3

Chloromethane

Concen: 47.863 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

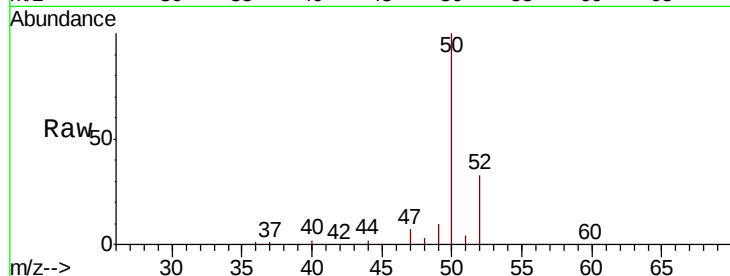
VSTDCCC050EC

Tot Ion: 50 Resp: 202497

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

150000

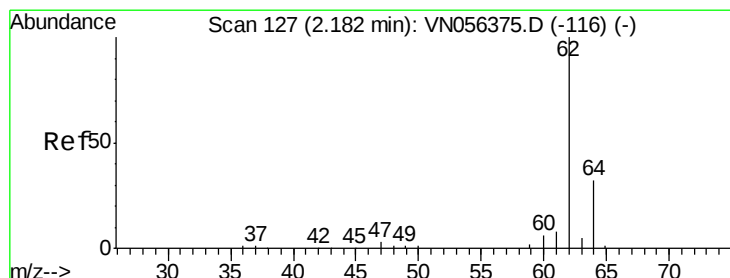
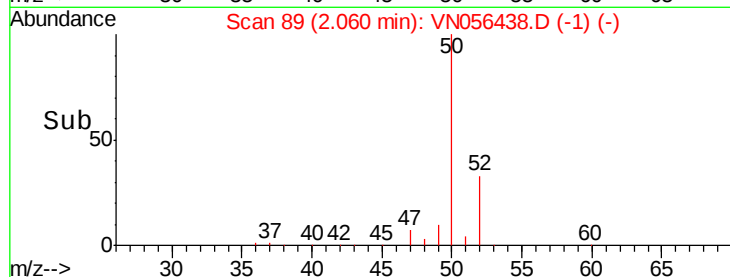
100000

50000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 50.132 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056438.D

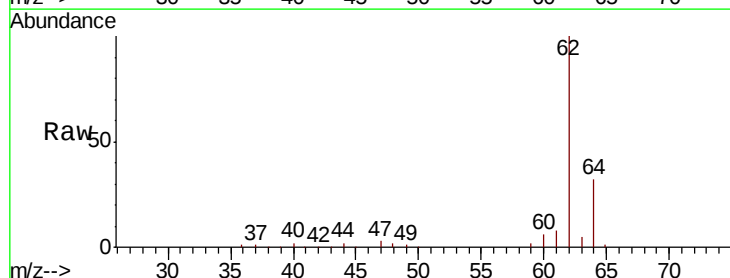
Acq: 21 Jun 2019 19:57

Tgt Ion: 62 Resp: 204852

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

150000

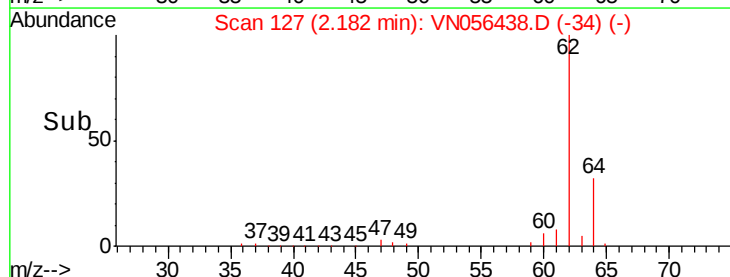
100000

50000

0

Time-->

2.10 2.15 2.20 2.25 2.30

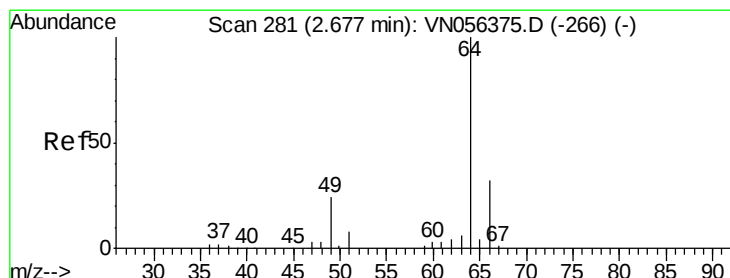
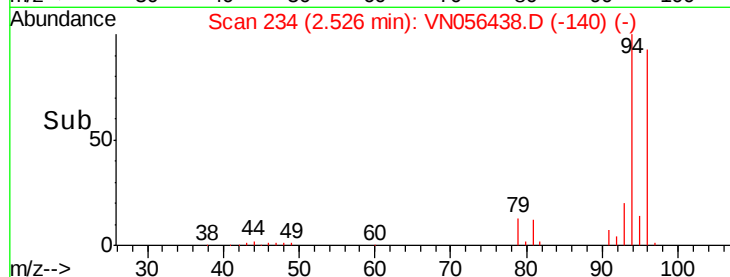
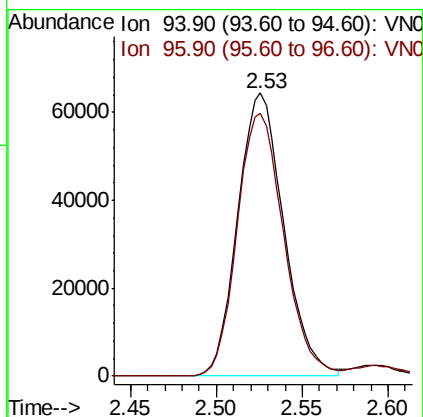
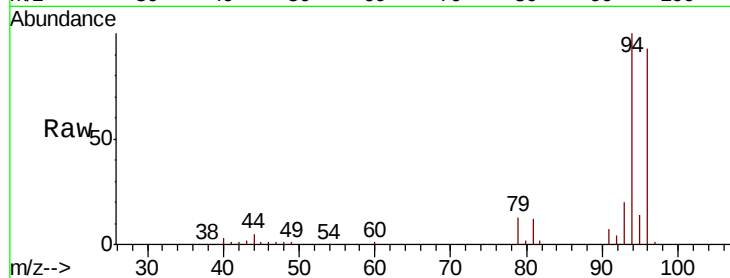




#5
Bromomethane
Concen: 50.082 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

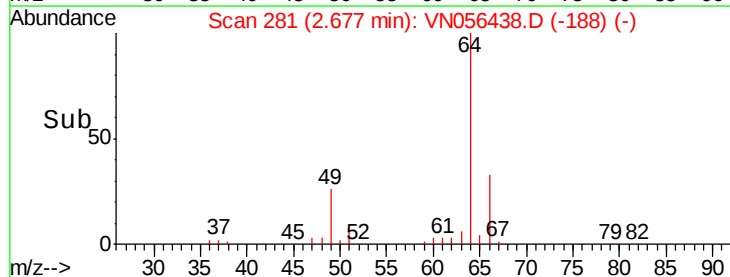
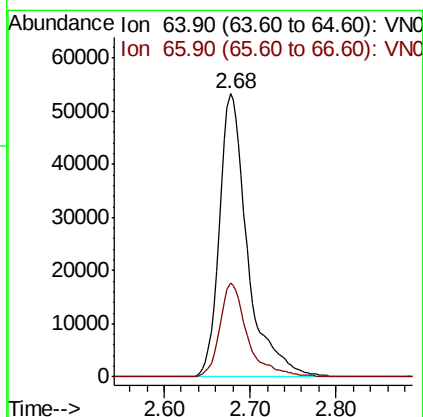
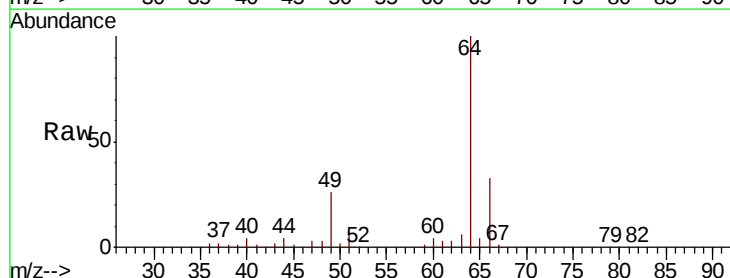
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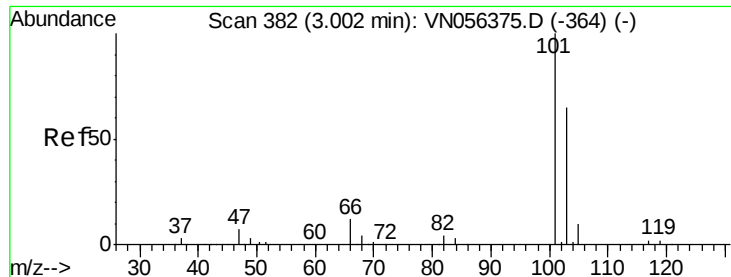
Tot Ion: 94 Resp: 119975
Ion Ratio Lower Upper
94 100
96 92.9 76.0 114.0



#6
Chloroethane
Concen: 51.083 ug/l
RT: 2.68 min Scan# 281
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 64 Resp: 120883
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.8



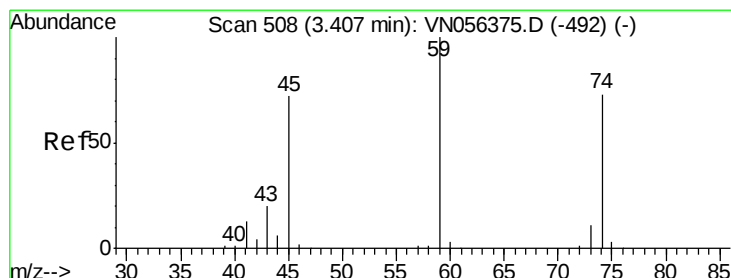
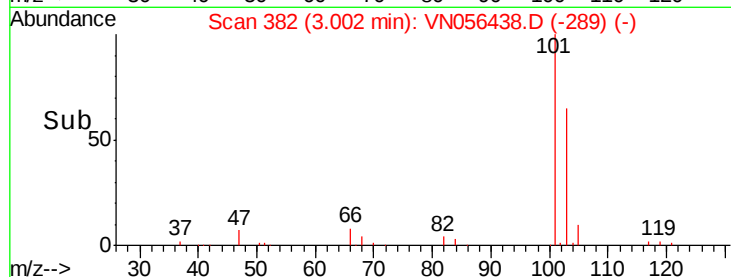
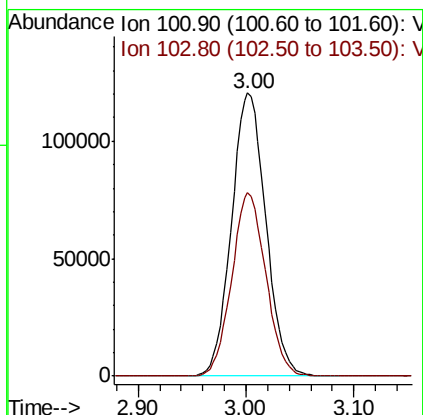
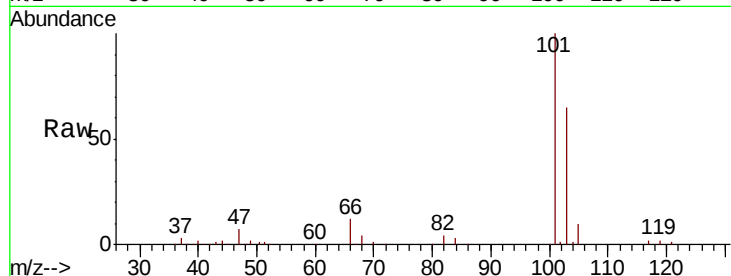


#7

Trichlorofluoromethane
Concen: 50.511 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

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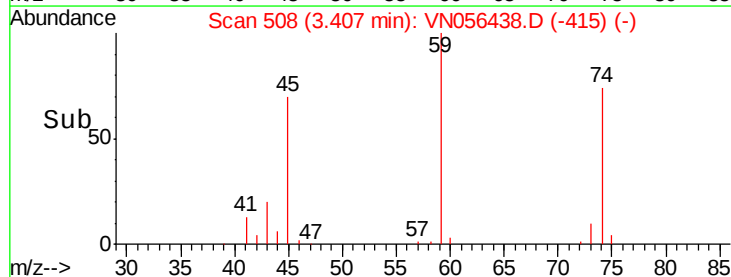
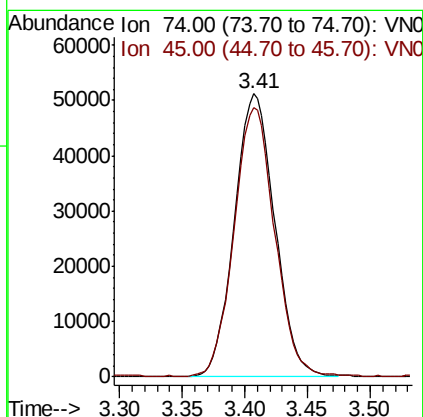
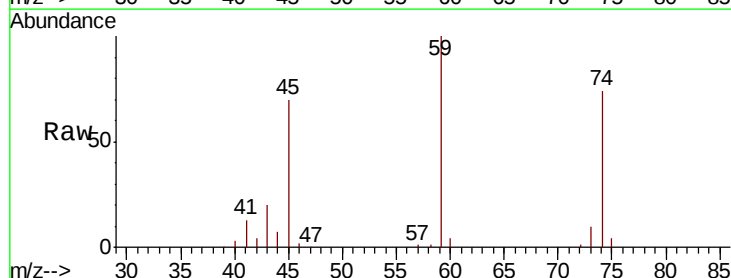
Tot Ion:101 Resp: 266995
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

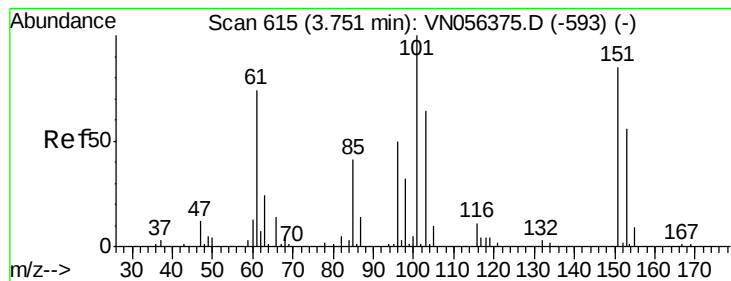


#8

Diethyl Ether
Concen: 51.277 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 74 Resp: 114709
Ion Ratio Lower Upper
74 100
45 96.3 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.443 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

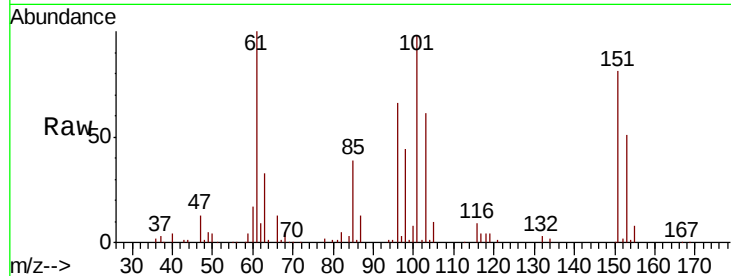
Tot Ion:101 Resp: 163294

Ion Ratio Lower Upper

101 100

85 41.3 32.7 49.1

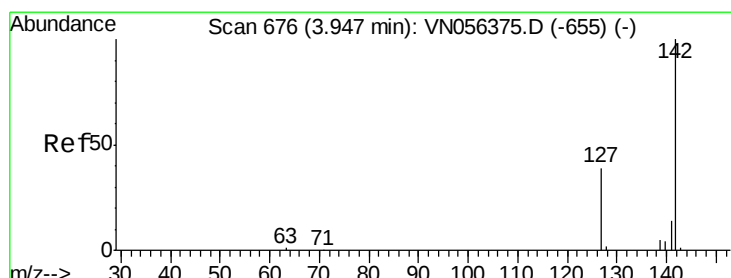
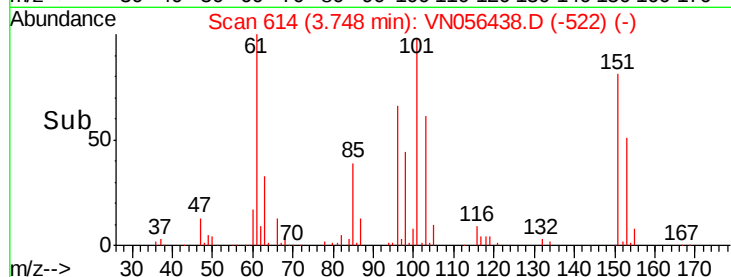
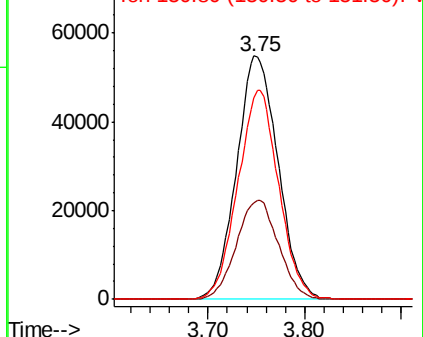
151 84.5 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.049 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

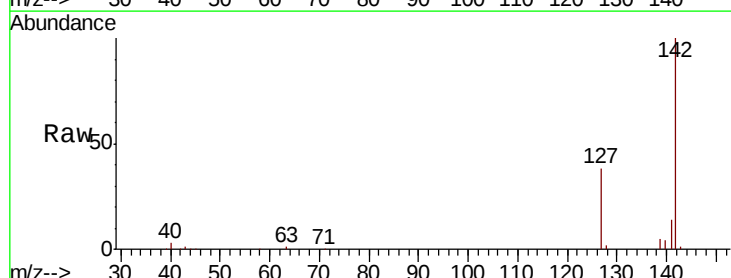
Tgt Ion:142 Resp: 246242

Ion Ratio Lower Upper

142 100

127 38.5 30.6 46.0

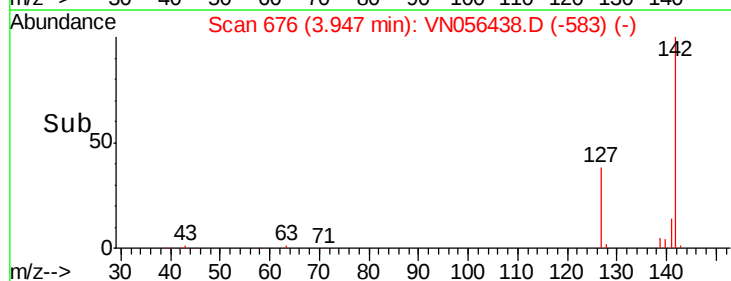
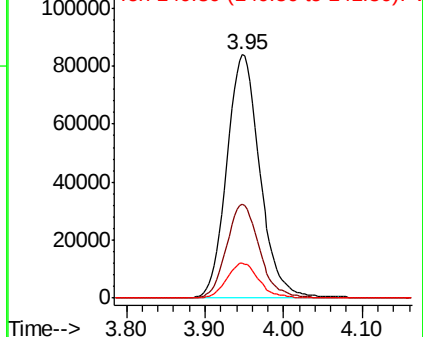
141 14.0 11.4 17.2

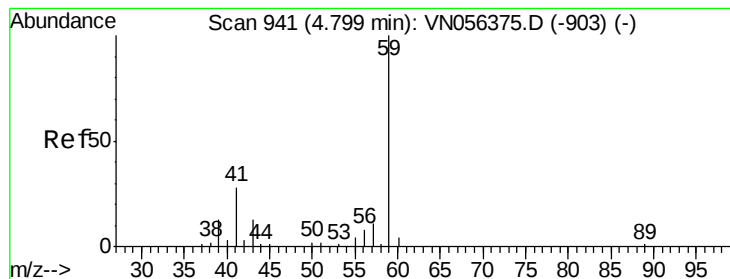


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



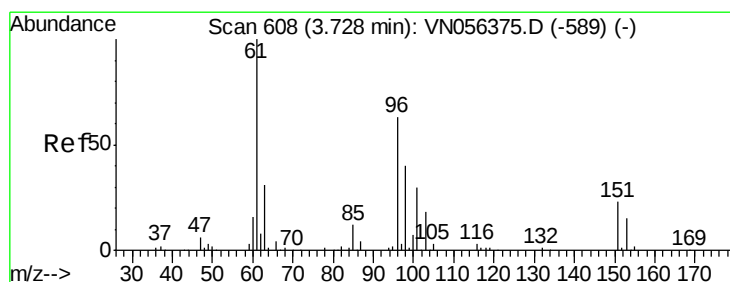
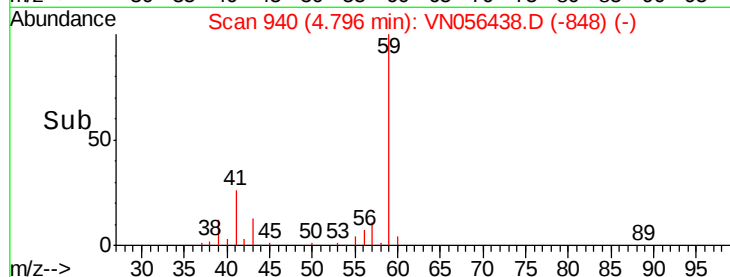
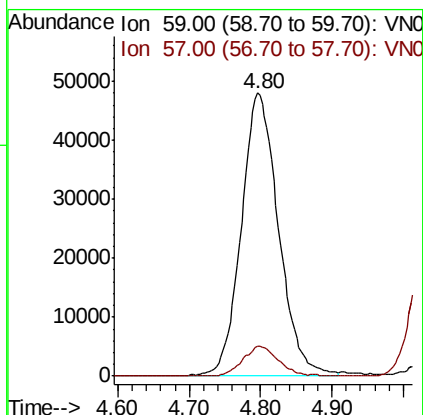
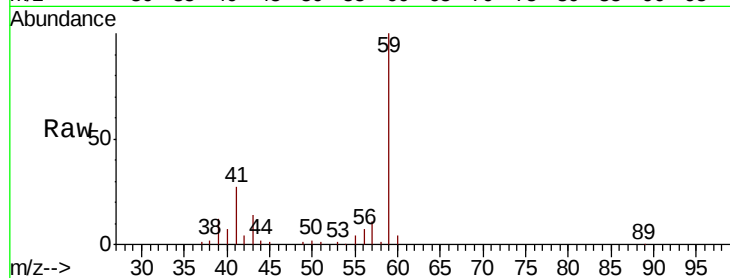


#11

Tert butyl alcohol
 Concen: 254.197 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

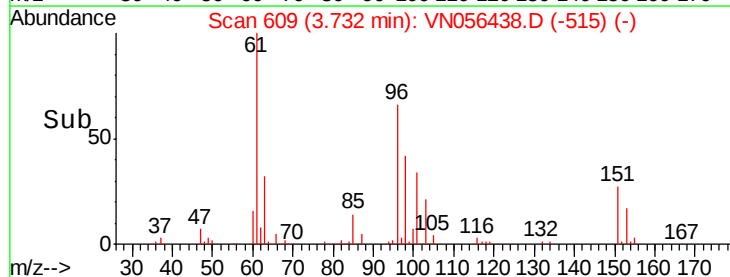
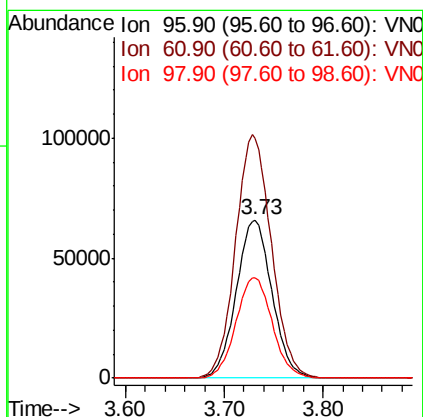
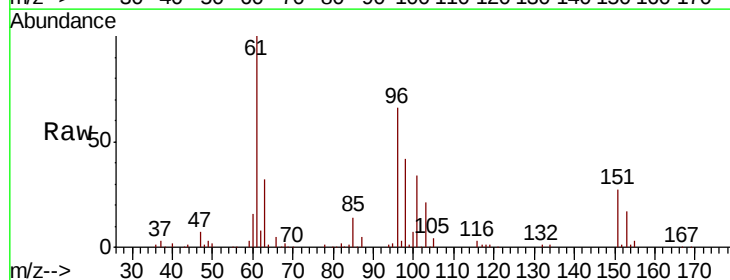
Tot Ion: 59 Resp: 174122
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.6 11.4

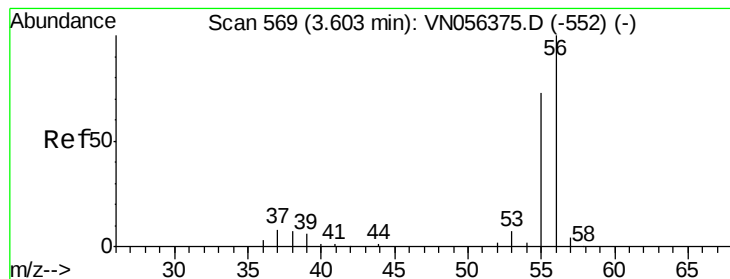


#12

1,1-Dichloroethene
 Concen: 50.908 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion: 96 Resp: 165026
 Ion Ratio Lower Upper
 96 100
 61 152.1 126.6 190.0
 98 63.7 51.1 76.7





#13

Acrolein

Concen: 203.458 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

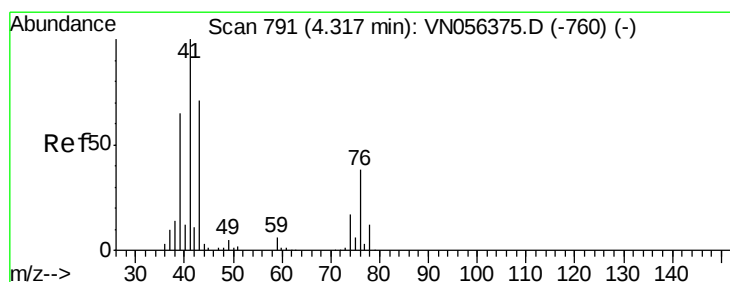
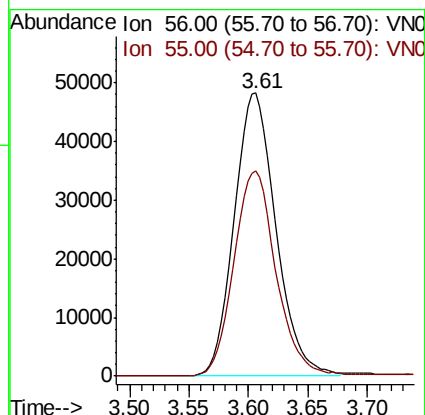
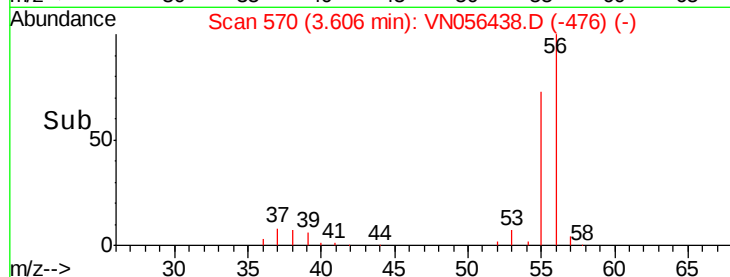
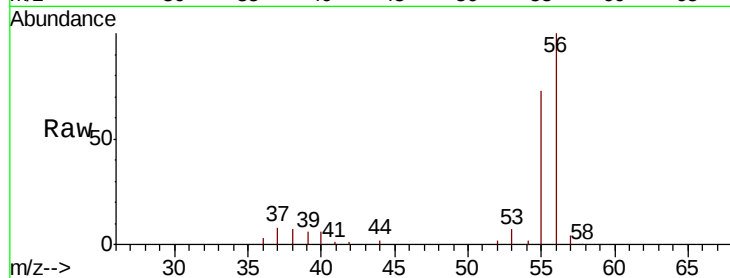
VSTDCCC050EC

Tot Ion: 56 Resp: 117460

Ion Ratio Lower Upper

56 100

55 73.6 57.1 85.7



#14

Allyl chloride

Concen: 52.398 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

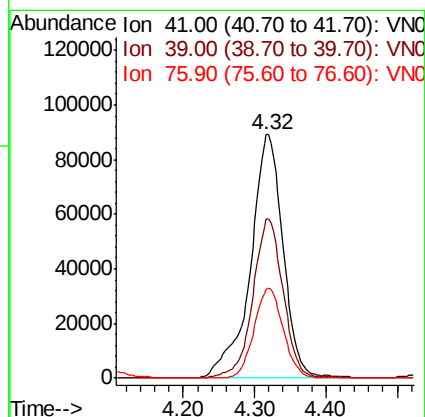
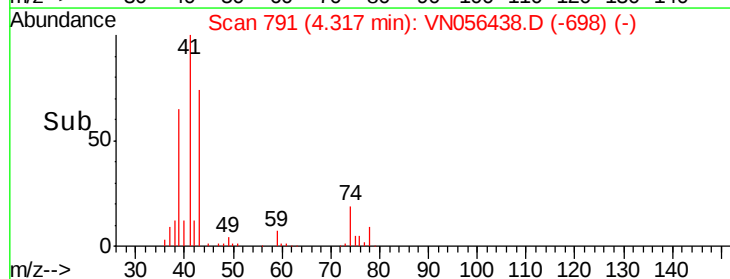
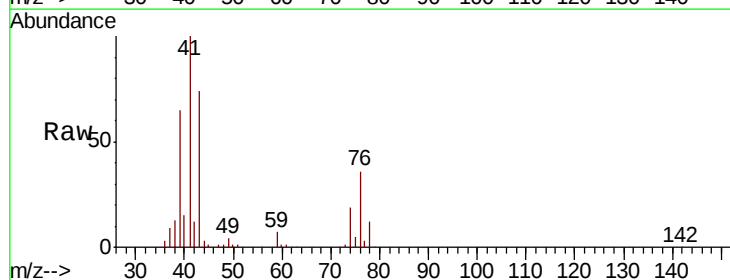
Tgt Ion: 41 Resp: 282749

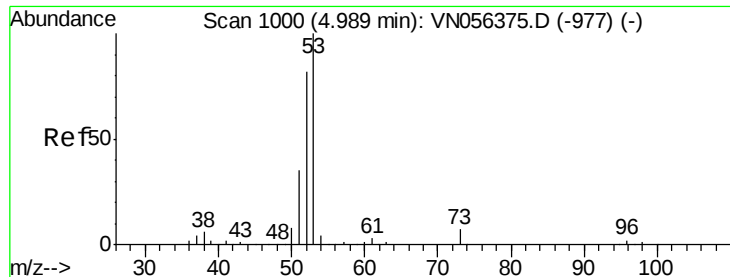
Ion Ratio Lower Upper

41 100

39 60.5 48.6 73.0

76 33.0 26.6 40.0





#15

Acrylonitrile

Concen: 267.984 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

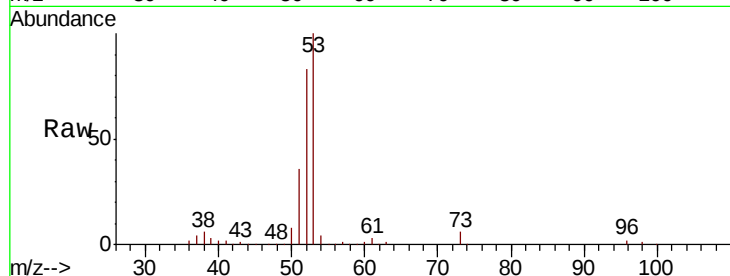
Tot Ion: 53 Resp: 507834

Ion Ratio Lower Upper

53 100

52 83.7 65.9 98.9

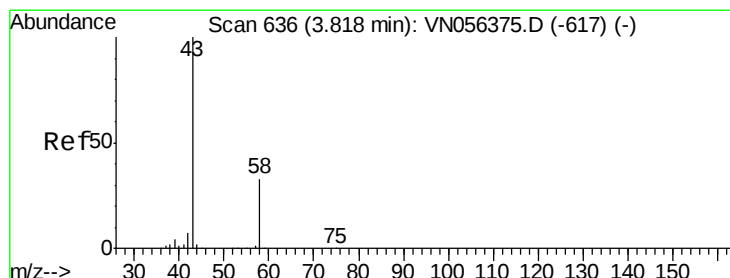
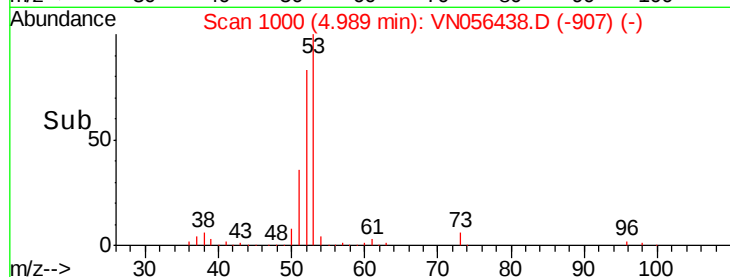
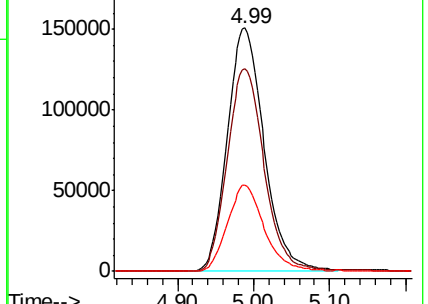
51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 216.160 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056438.D

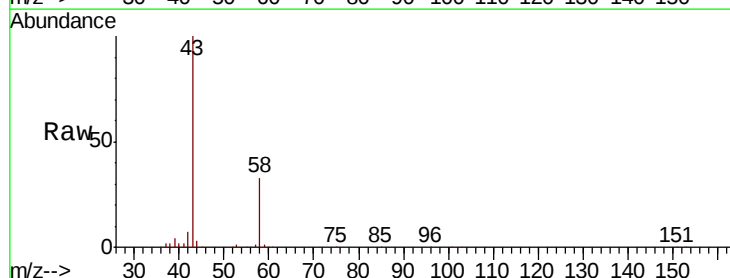
Acq: 21 Jun 2019 19:57

Tgt Ion: 43 Resp: 440453

Ion Ratio Lower Upper

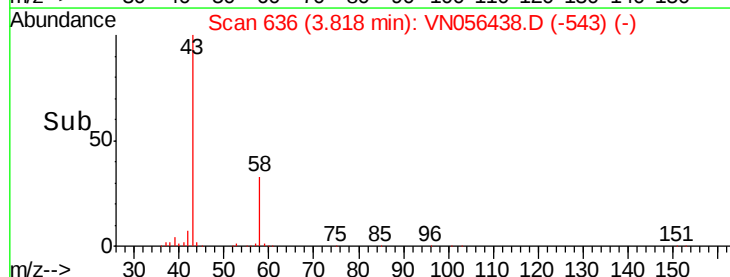
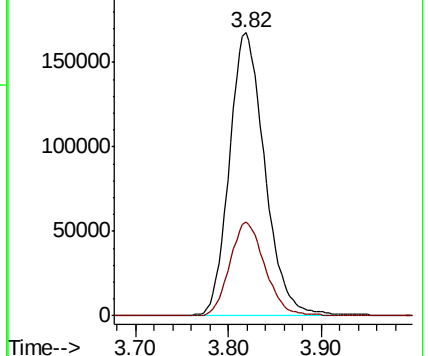
43 100

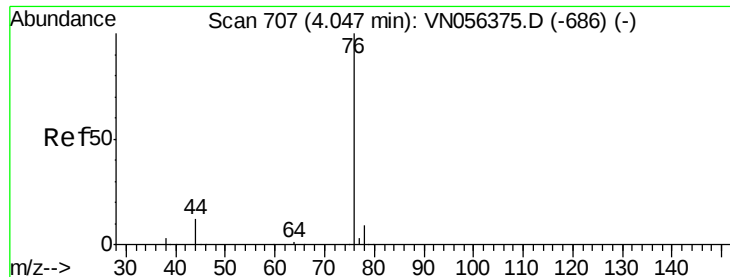
58 33.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 47.078 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

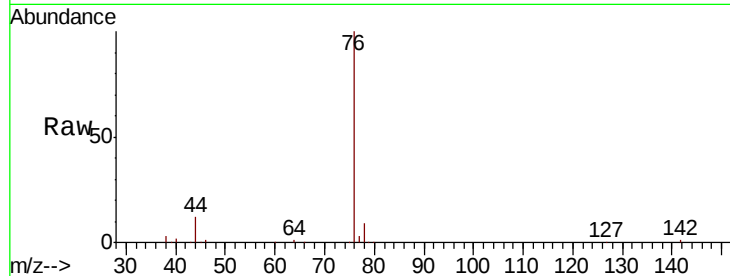
VSTDCCC050EC

Tot Ion: 76 Resp: 347108

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

150000

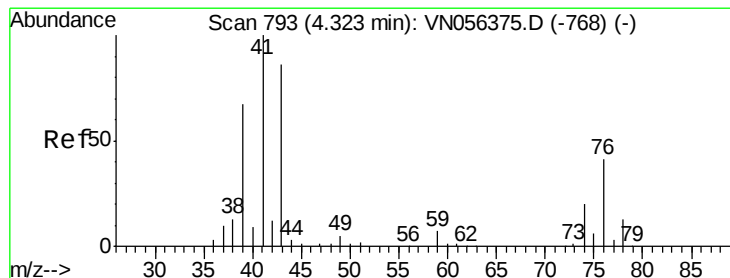
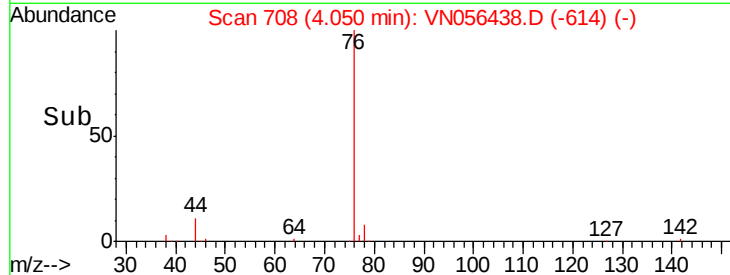
4.05

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.499 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056438.D

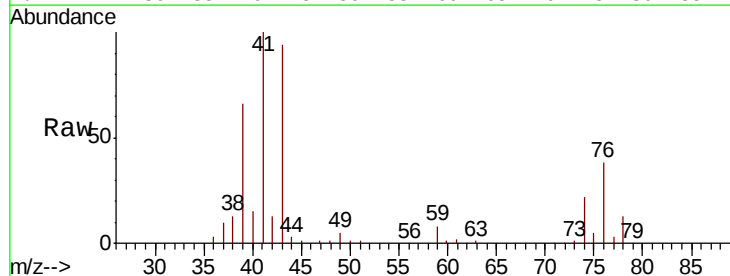
Acq: 21 Jun 2019 19:57

Tgt Ion: 43 Resp: 213264

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

80000

4.33

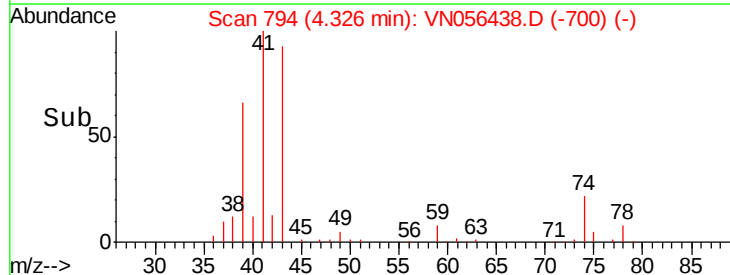
60000

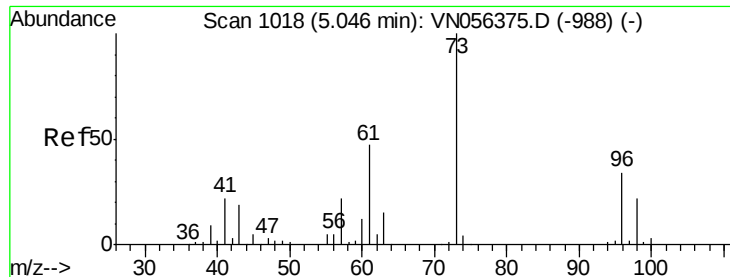
40000

20000

0

Time-->

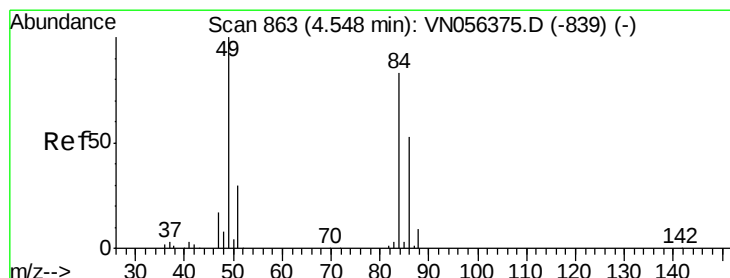
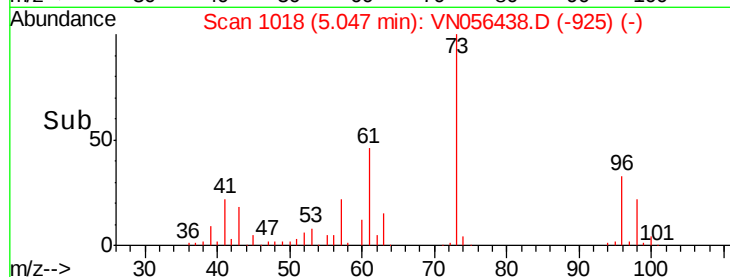
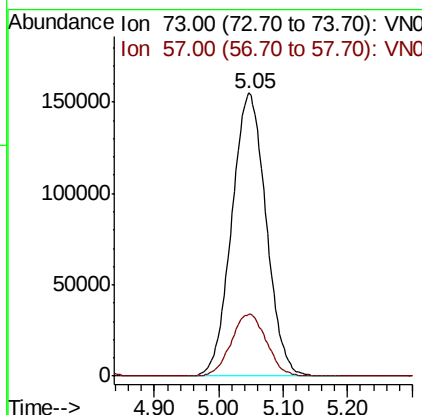
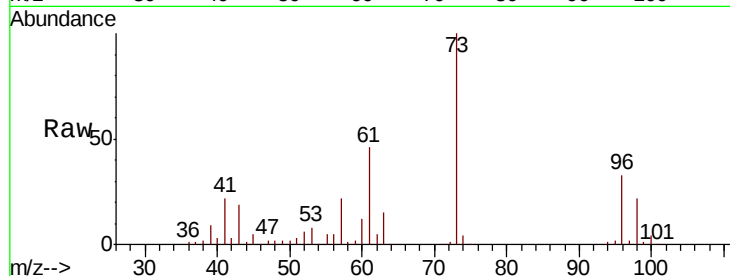




#19
Methvl tert-butvl Ether
Concen: 53.414 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

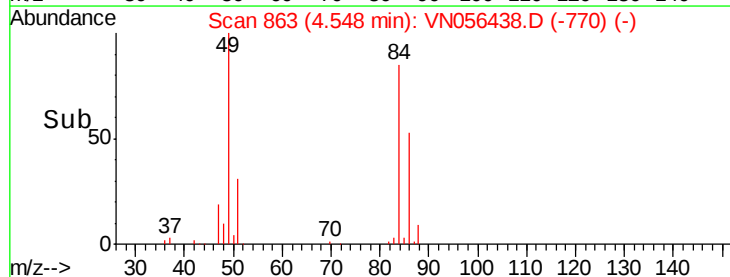
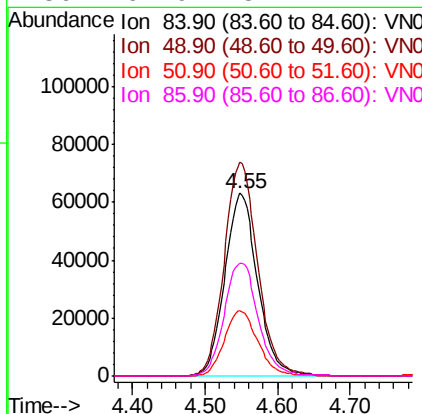
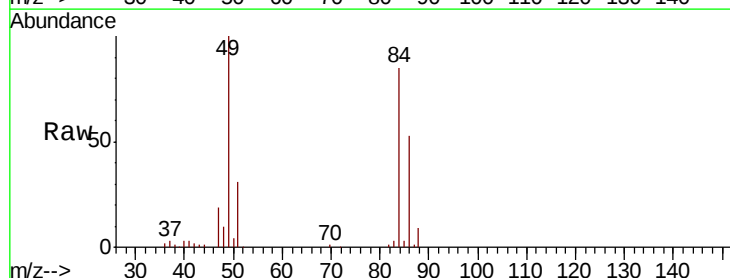
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

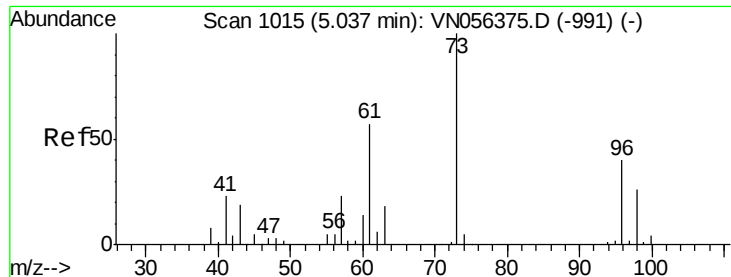
Tot Ion: 73 Resp: 572942
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9



#20
Methylene Chloride
Concen: 51.663 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 84 Resp: 198333
Ion Ratio Lower Upper
84 100
49 116.8 96.4 144.6
51 35.8 28.6 43.0
86 61.9 51.4 77.2

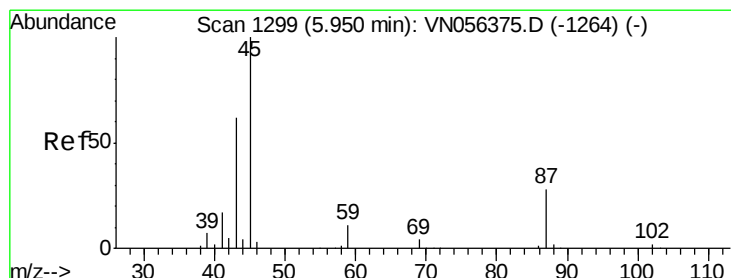
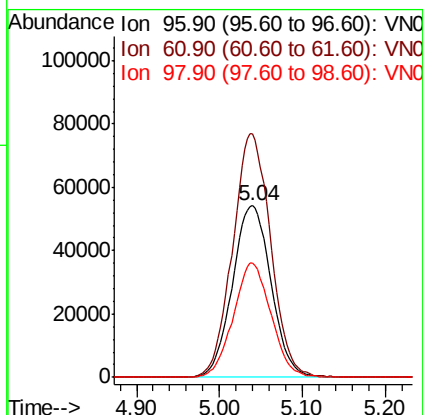
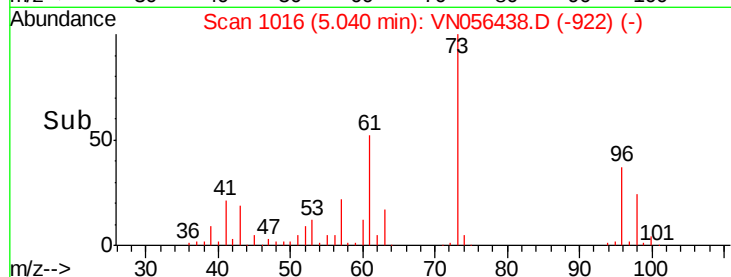
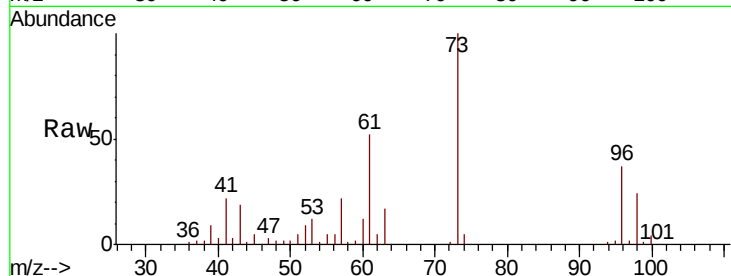




#21
trans-1,2-Dichloroethene
Concen: 50.265 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

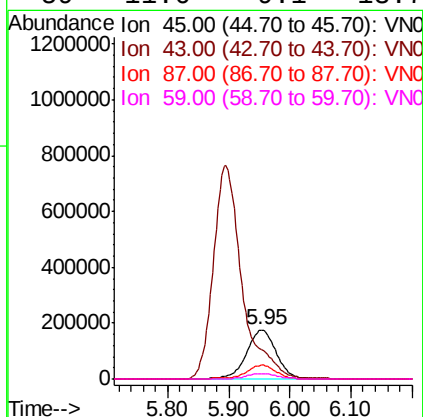
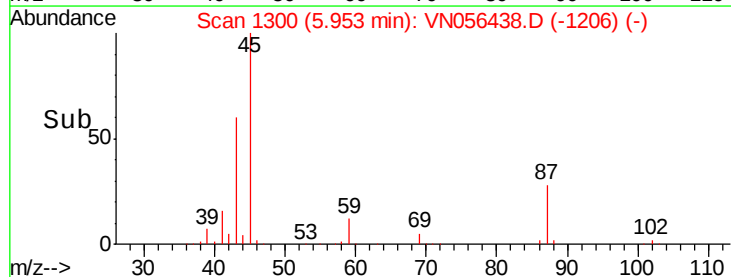
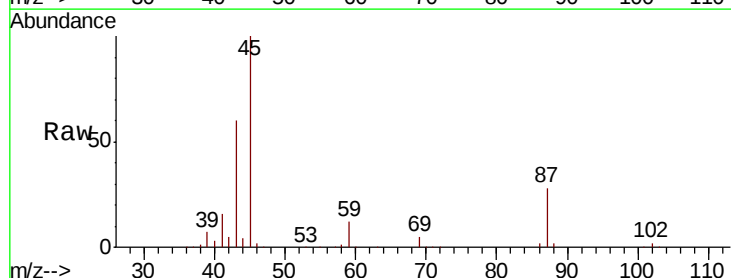
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

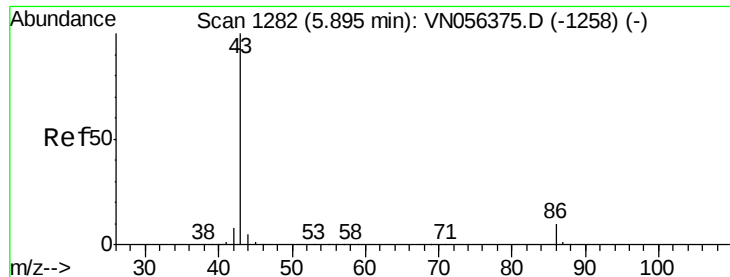
Tot Ion: 96 Resp: 175673
Ion Ratio Lower Upper
96 100
61 141.8 113.0 169.6
98 66.6 52.2 78.2



#22
Diisopropyl ether
Concen: 52.889 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 45 Resp: 599367
Ion Ratio Lower Upper
45 100
43 59.2 50.4 75.6
87 27.6 23.0 34.4
59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 279.579 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

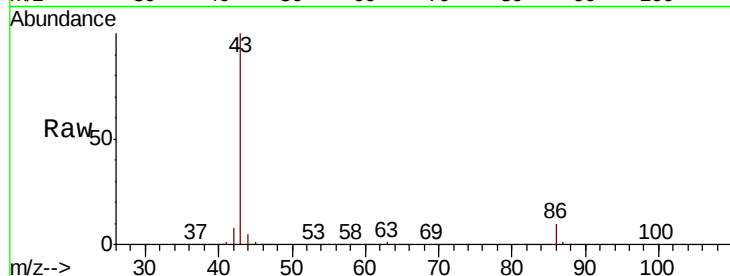
VSTDCCC050EC

Tot Ion: 43 Resp: 2498983

Ion Ratio Lower Upper

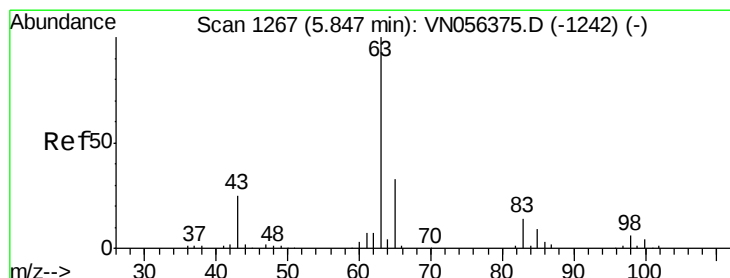
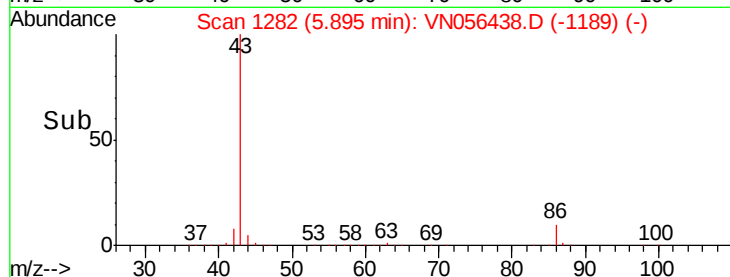
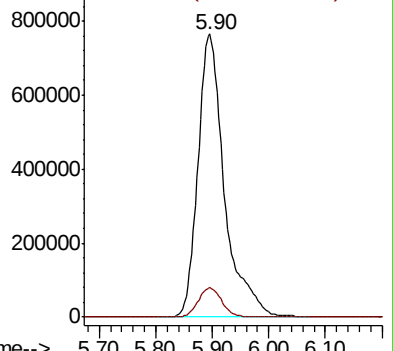
43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.915 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

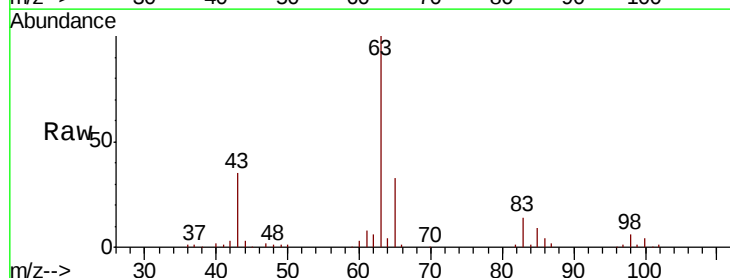
Tgt Ion: 63 Resp: 337719

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

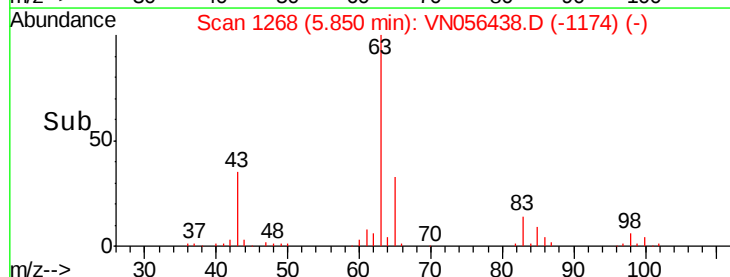
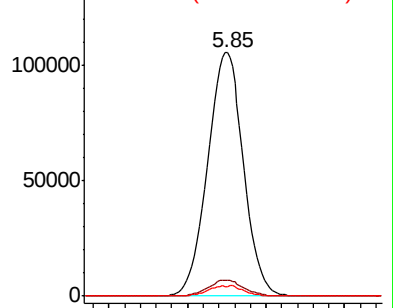
100 4.1 2.1 6.5

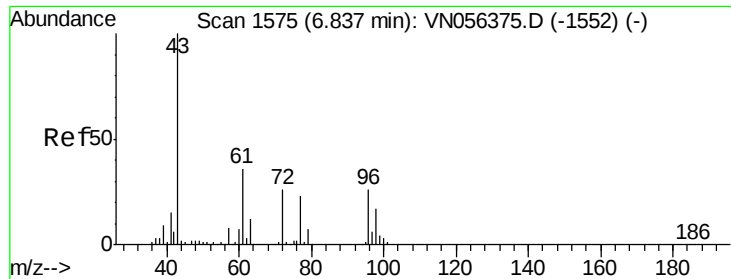


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

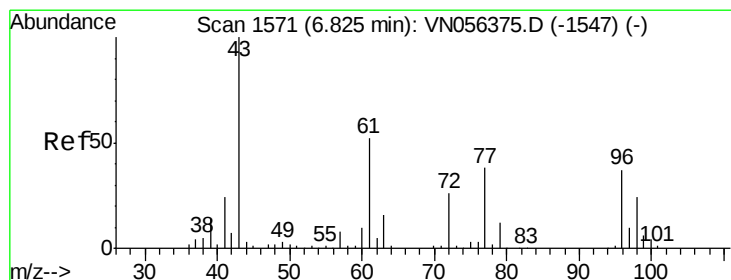
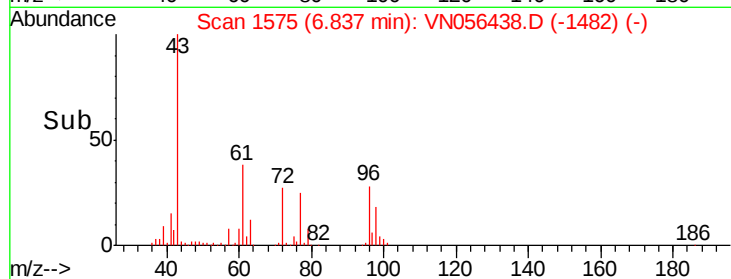
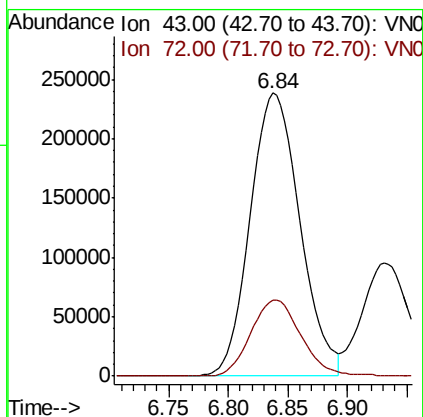
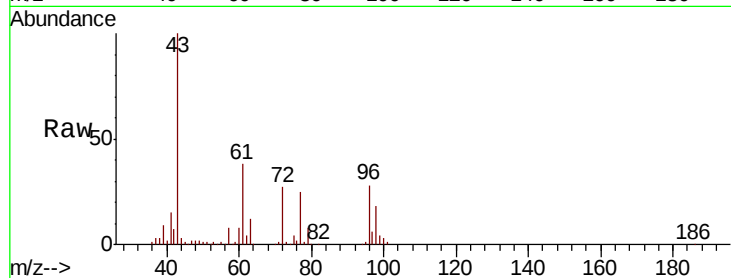




#25
2-Butanone
Concen: 255.537 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

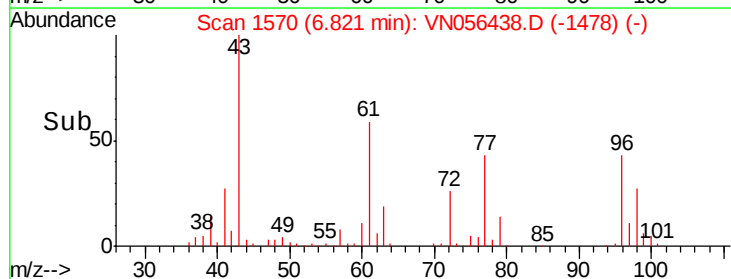
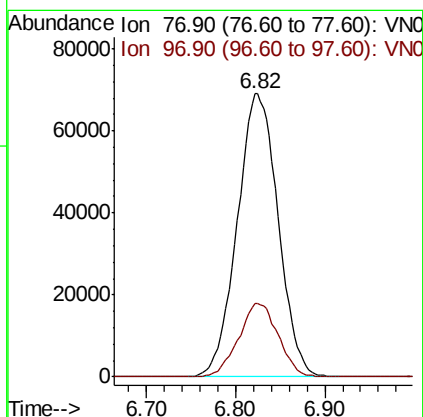
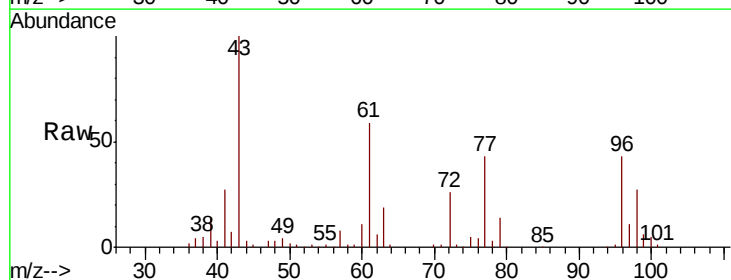
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

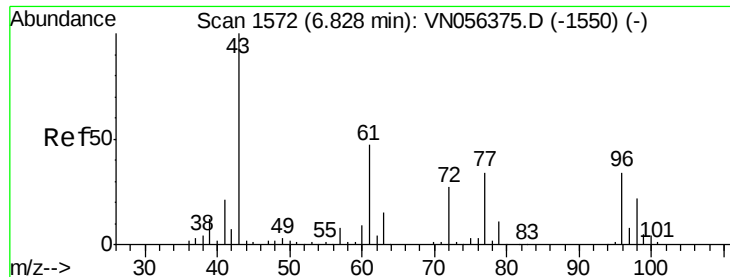
Tot Ion: 43 Resp: 689135
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 48.523 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 77 Resp: 219541
Ion Ratio Lower Upper
77 100
97 25.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 52.625 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

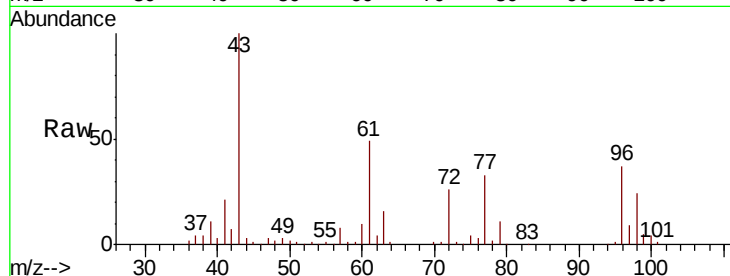
Tot Ion: 96 Resp: 215180

Ion Ratio Lower Upper

96 100

61 137.5 0.0 279.8

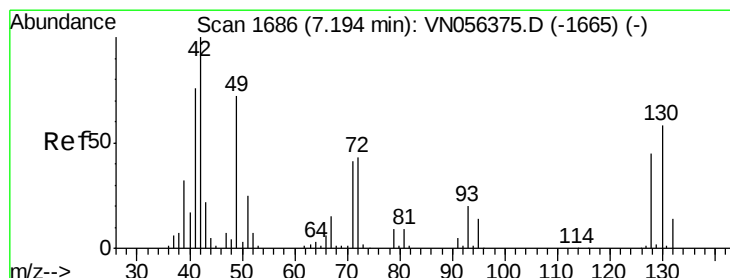
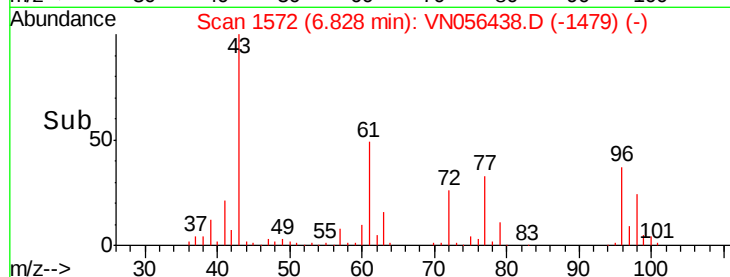
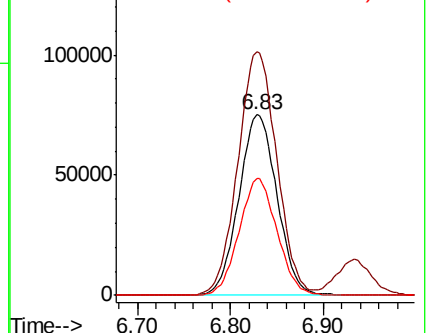
98 64.4 0.0 130.0



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: 52.693 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

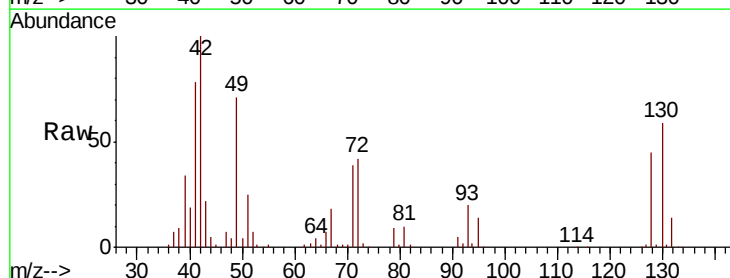
Tgt Ion: 49 Resp: 169549

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

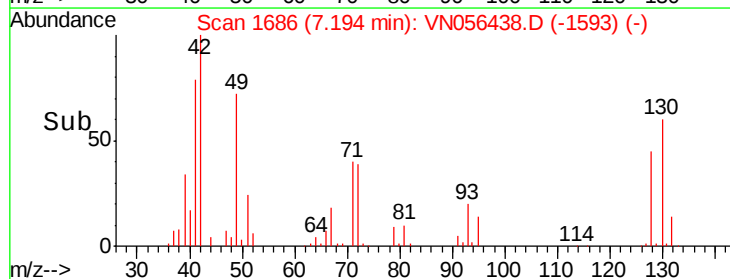
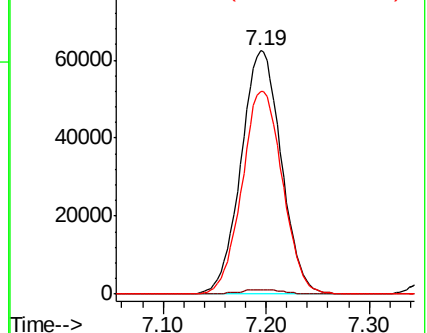
130 83.8 64.9 97.3

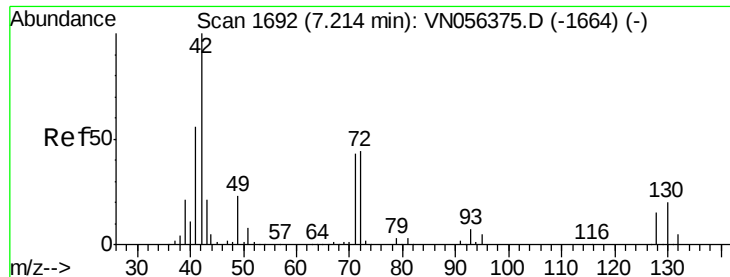


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 273.669 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

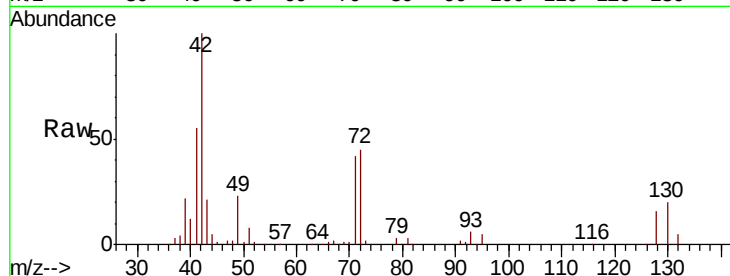
Tot Ion: 42 Resp: 451015

Ion Ratio Lower Upper

42 100

72 44.0 34.7 52.1

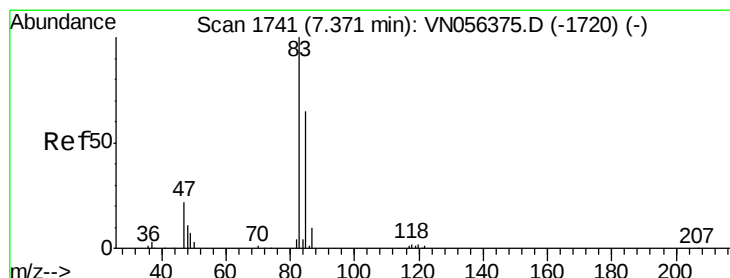
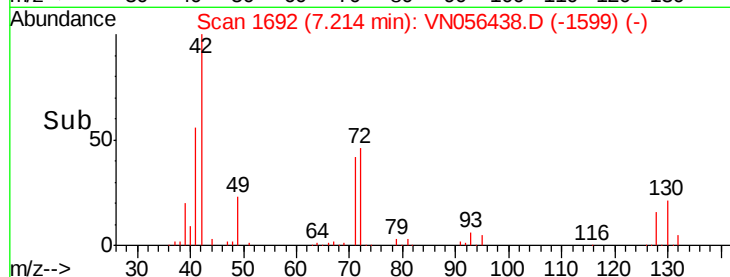
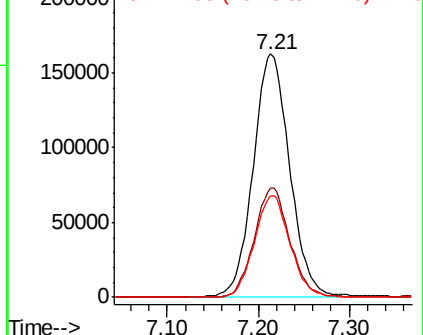
71 41.3 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 52.116 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056438.D

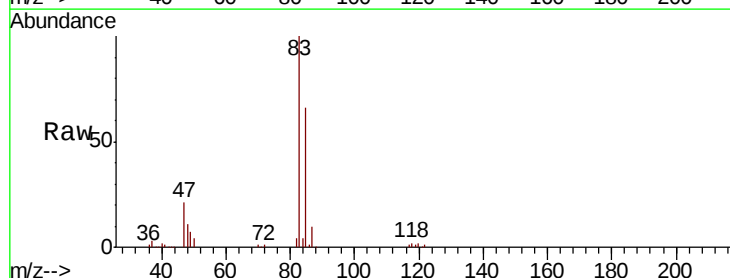
Acq: 21 Jun 2019 19:57

Tgt Ion: 83 Resp: 334540

Ion Ratio Lower Upper

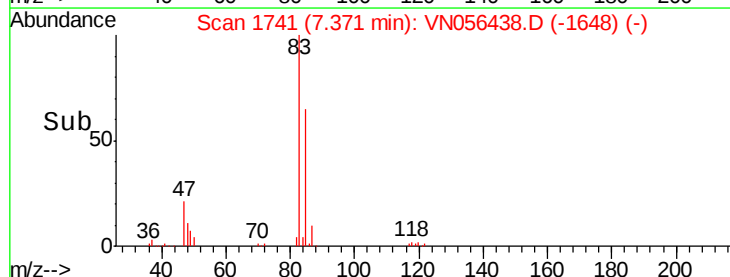
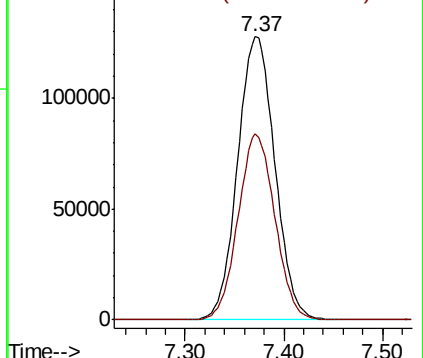
83 100

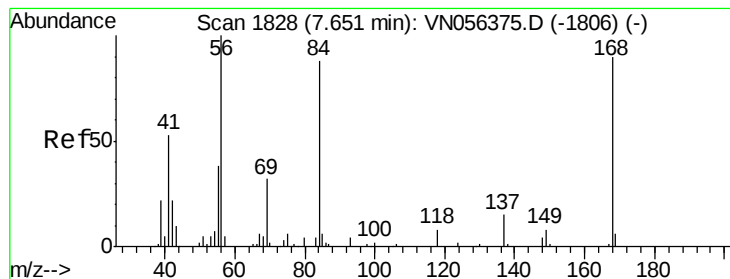
85 65.7 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.413 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

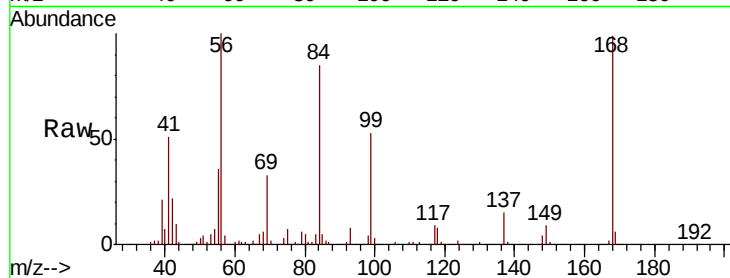
Tot Ion: 56 Resp: 297765

Ion Ratio Lower Upper

56 100

69 33.0 25.8 38.6

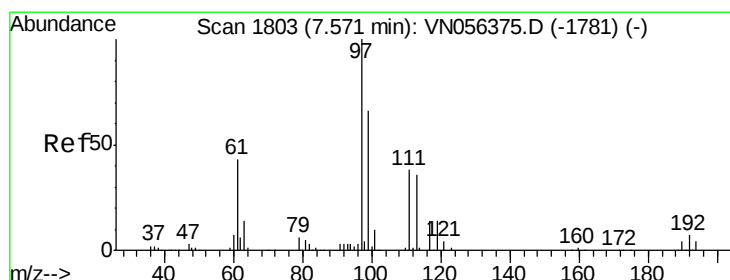
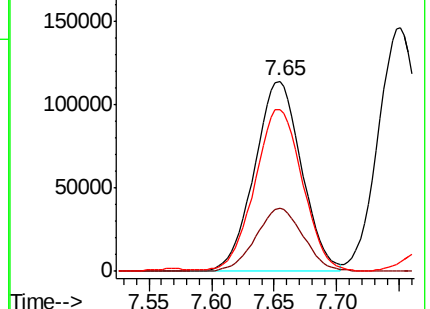
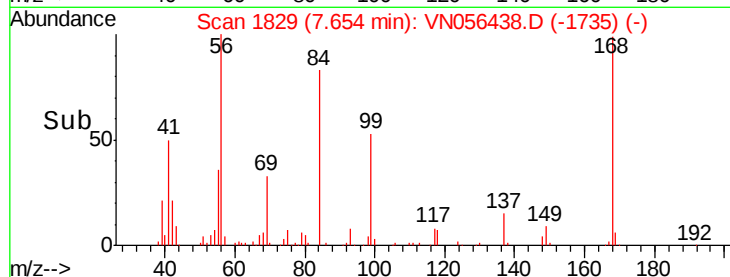
84 84.3 69.4 104.0



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: 53.453 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

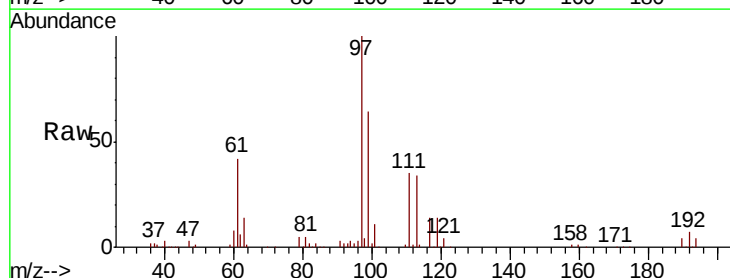
Tgt Ion: 97 Resp: 271974

Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.6

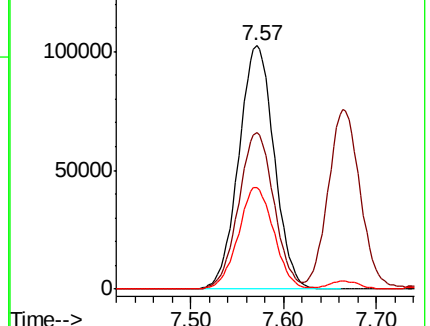
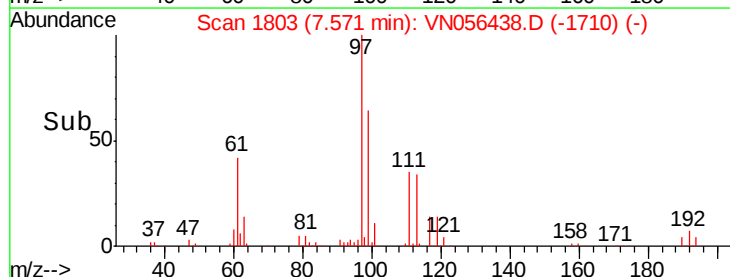
61 41.9 33.9 50.9

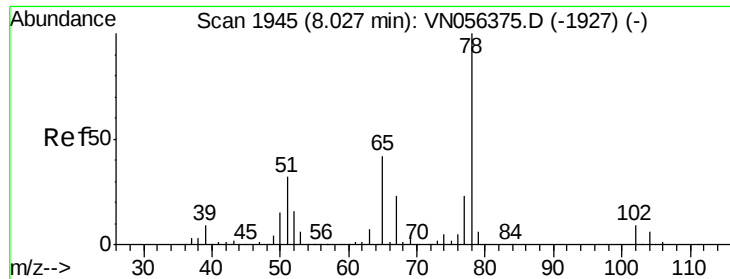


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.975 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

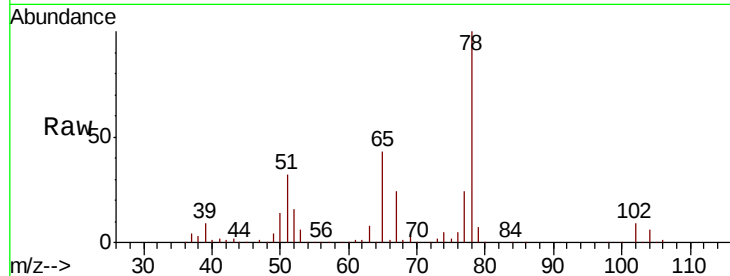
VSTDCCC050EC

Tot Ion: 65 Resp: 211382

Ion Ratio Lower Upper

65 100

67 56.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056438.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056438.D (-1852) (-)

8.03

100000

80000

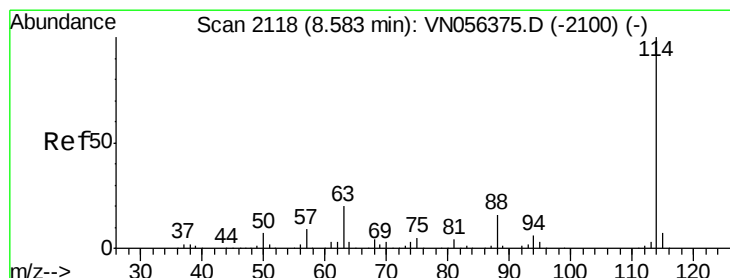
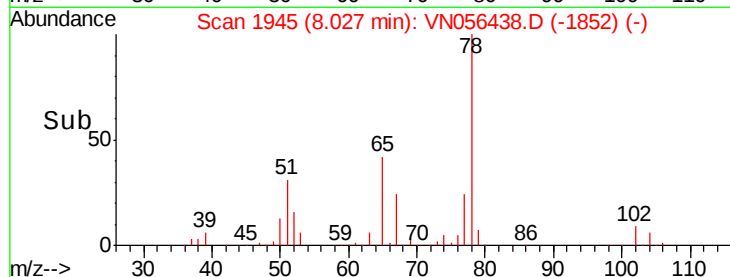
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

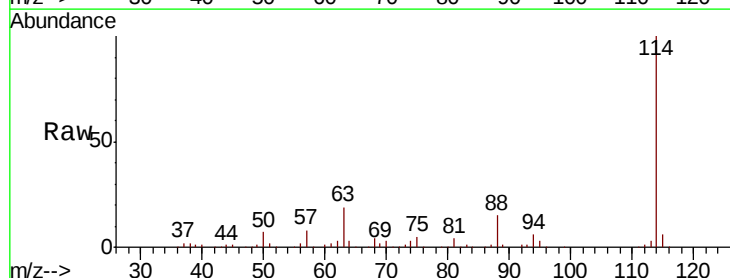
Tgt Ion: 114 Resp: 573529

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN056438.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN056438.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN056438.D (-2025) (-)

8.59

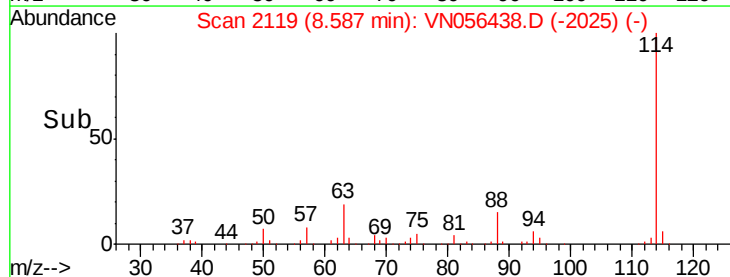
300000

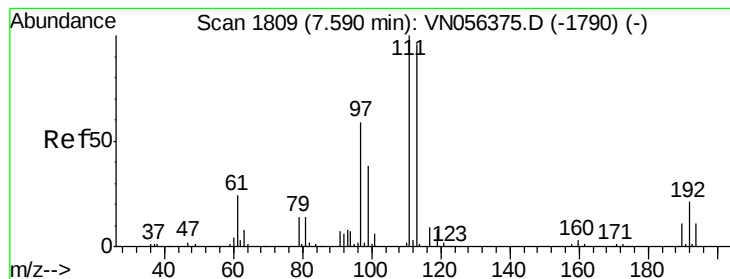
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.708 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

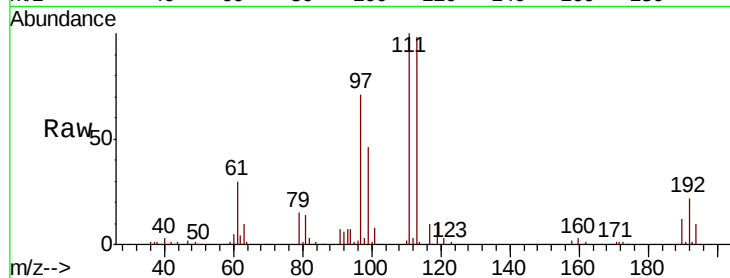
Tot Ion:113 Resp: 188582

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

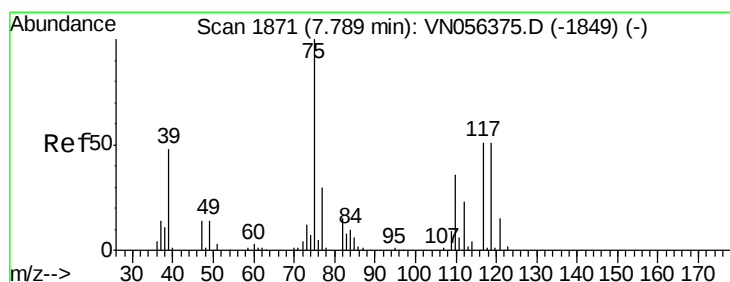
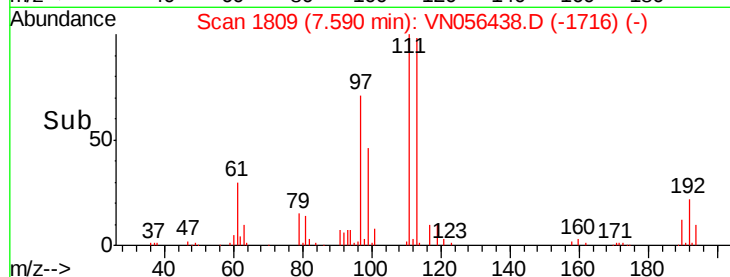
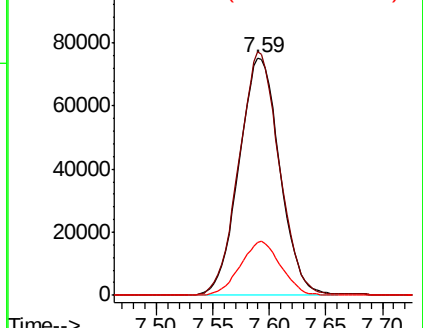
192 22.5 17.7 26.5



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: 48.580 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

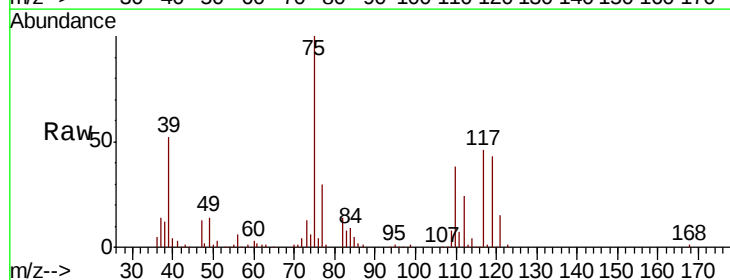
Tgt Ion: 75 Resp: 245235

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.3

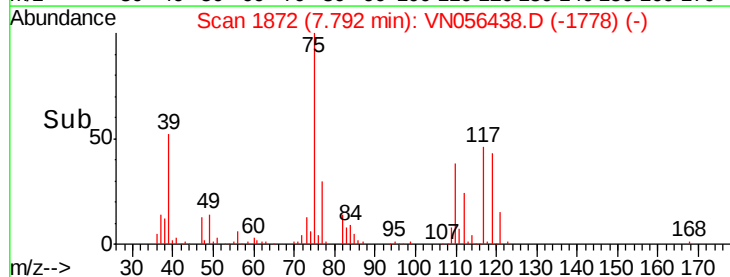
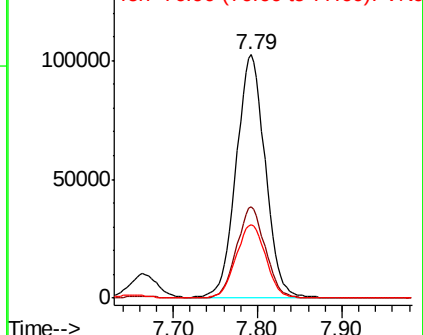
77 31.2 24.6 36.8

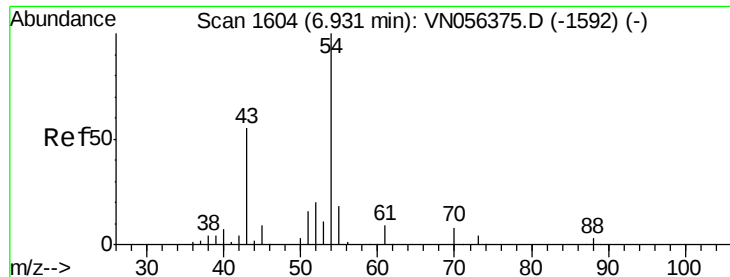


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

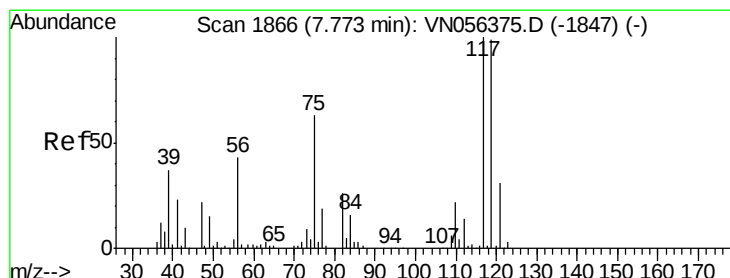
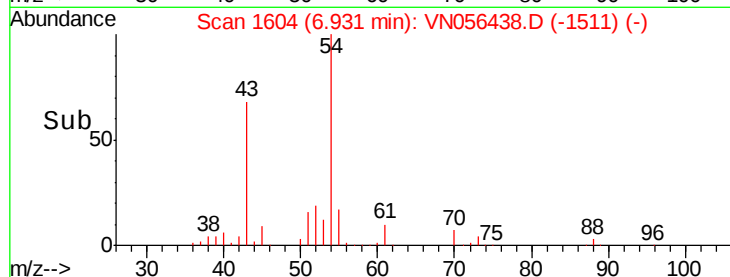
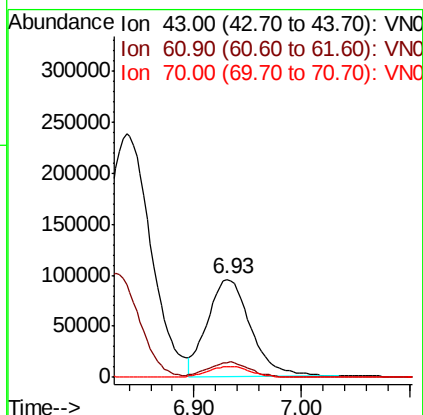
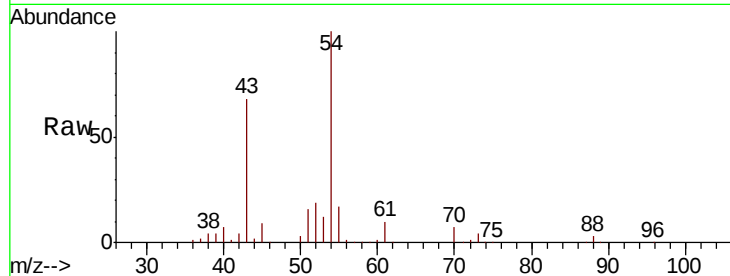




#37
Ethyl Acetate
Concen: 53.488 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

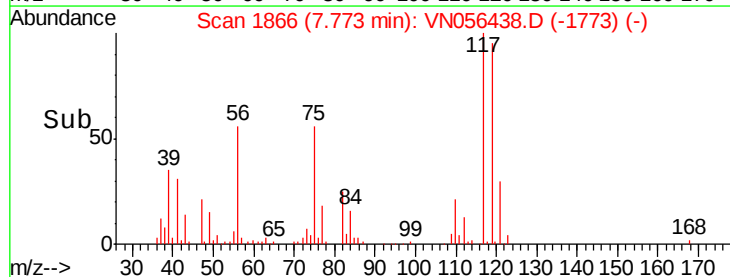
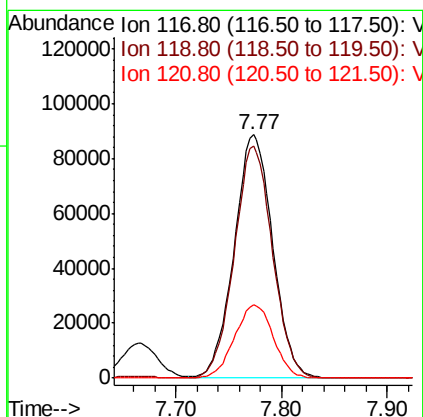
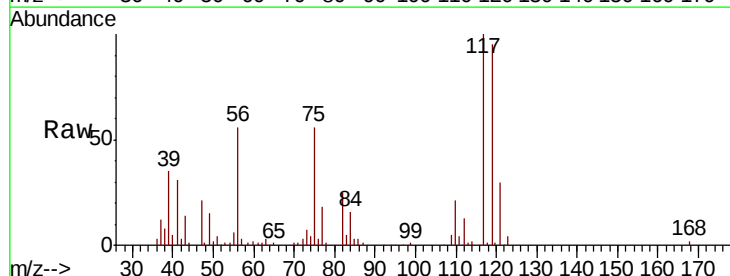
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

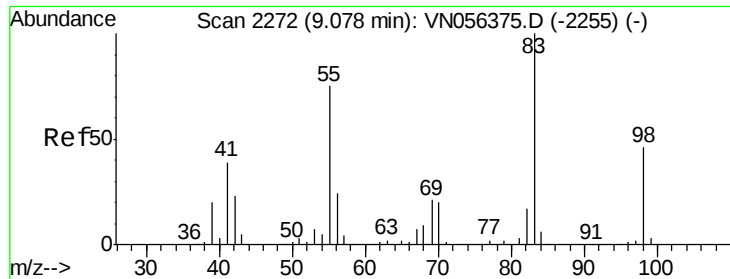
Tot Ion: 43 Resp: 265351
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 10.9 8.3 12.5



#38
Carbon Tetrachloride
Concen: 50.800 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 117 Resp: 224255
Ion Ratio Lower Upper
117 100
119 95.2 79.1 118.7
121 29.9 24.8 37.2

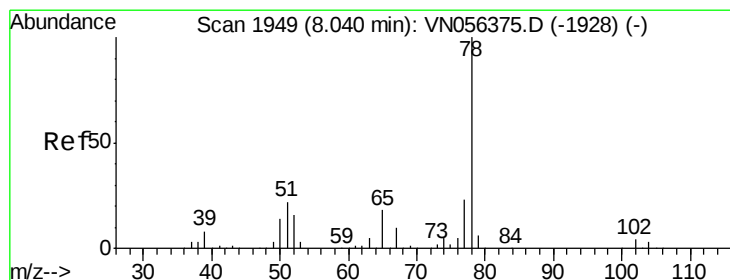
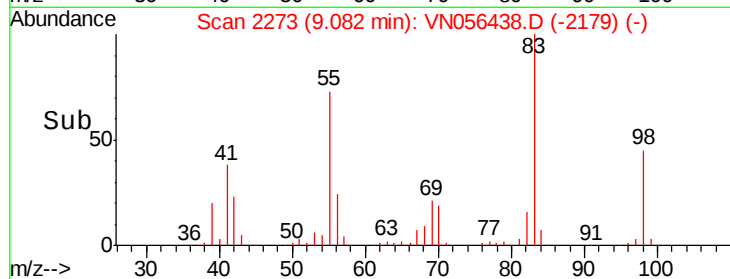
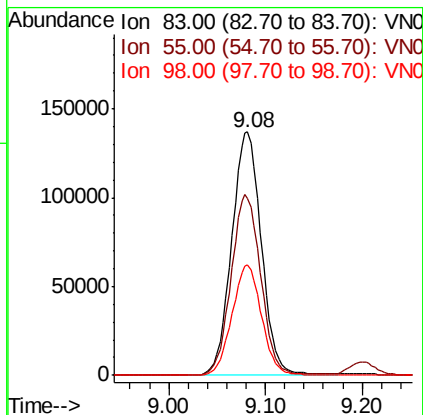
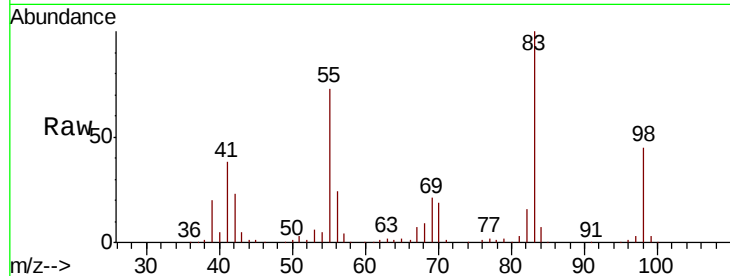




#39
Methvlcvclohexane
Concen: 46.861 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

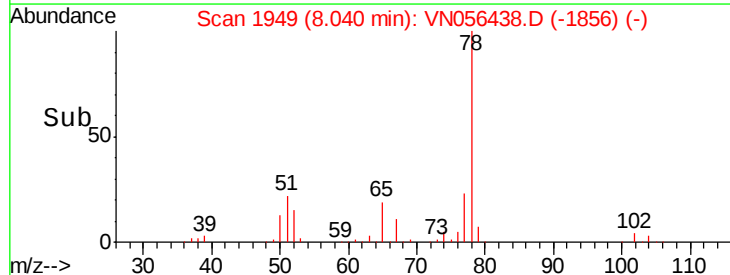
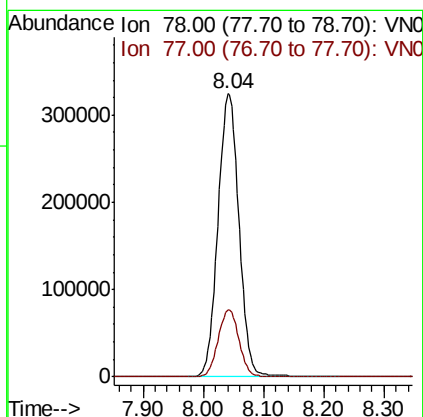
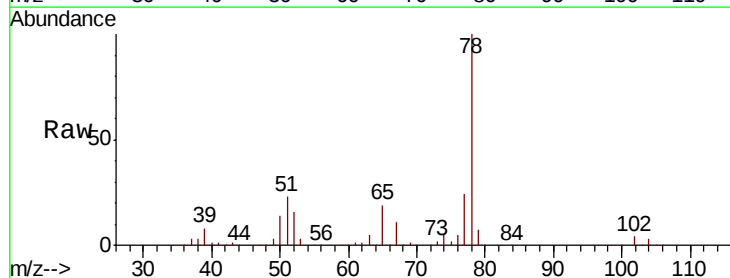
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

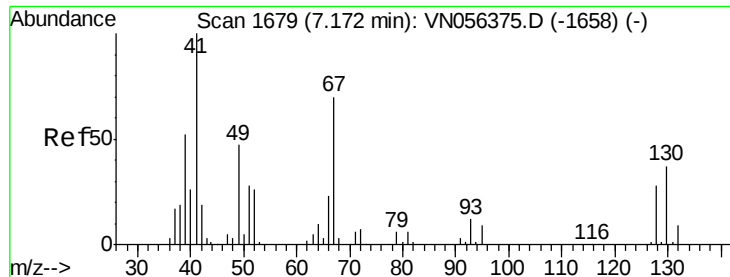
Tot Ion: 83 Resp: 291894
Ion Ratio Lower Upper
83 100
55 72.9 60.0 90.0
98 45.3 36.6 54.8



#40
Benzene
Concen: 50.097 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 78 Resp: 777908
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

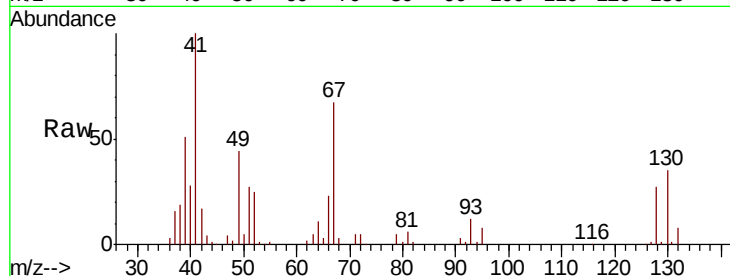




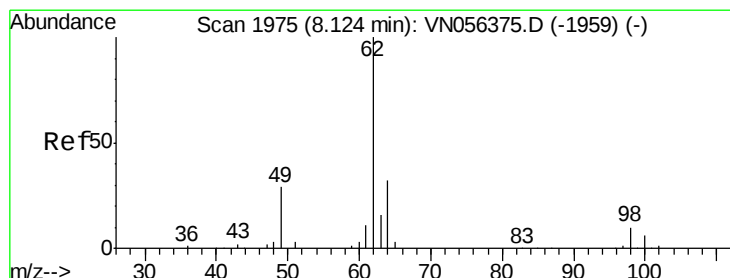
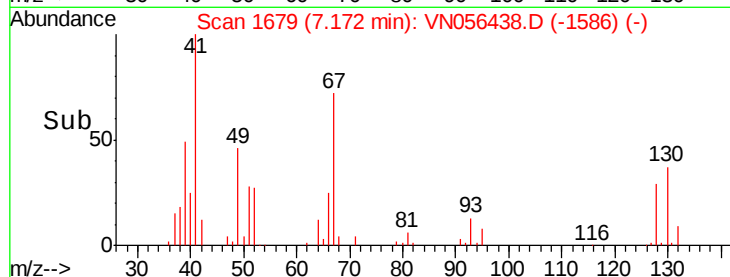
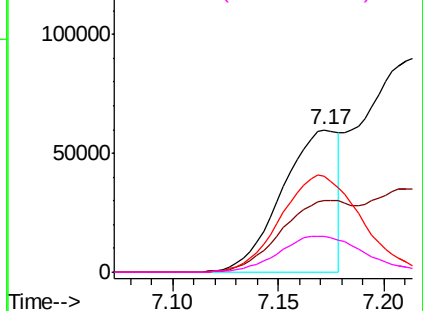
#41
Methacrylonitrile
Concen: 50.677 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	111015
Ion	Ratio	Lower	Upper
41	100		
39	66.2	55.3	82.9
67	98.6	79.2	118.8
52	39.3	31.4	47.0

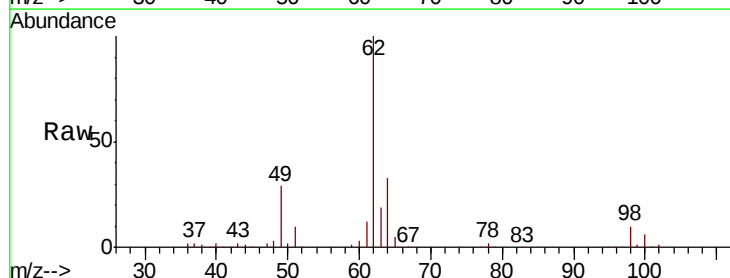


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

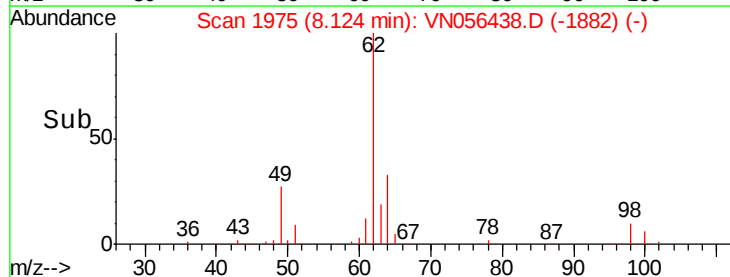
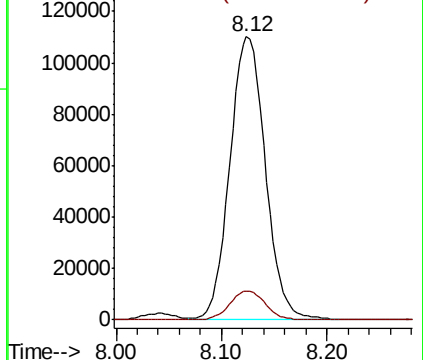


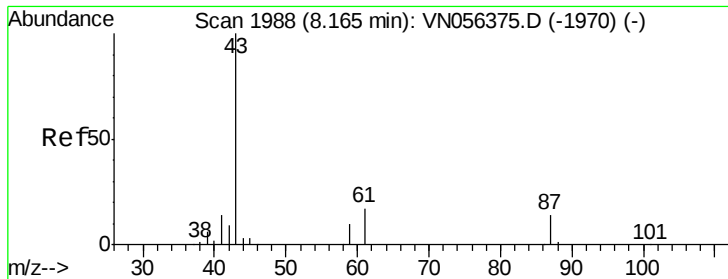
#42
1,2-Dichloroethane
Concen: 49.970 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion:	62	Resp:	256072
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



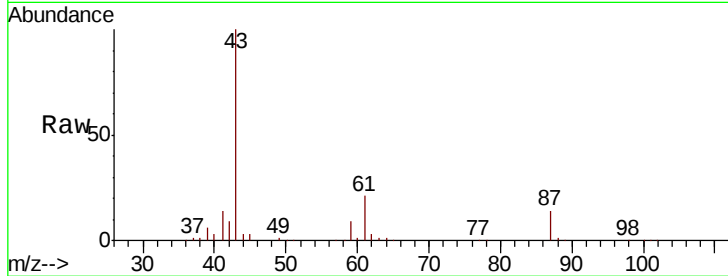


#43

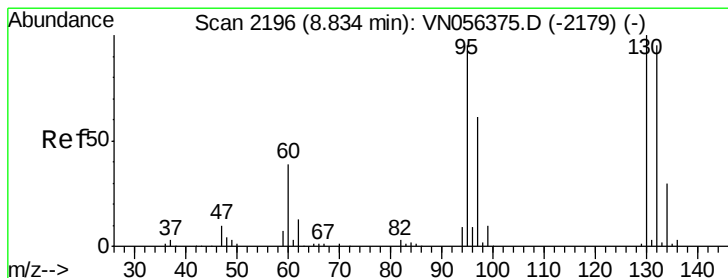
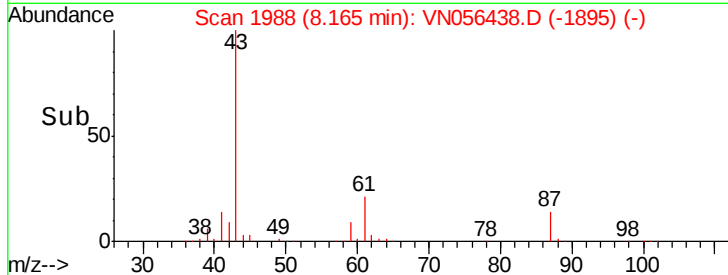
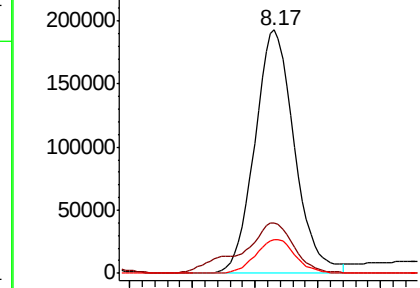
Isopropyl Acetate
 Concen: 55.199 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 422251
 Ion Ratio Lower Upper
 43 100
 61 27.4 22.0 33.0
 87 13.9 11.0 16.4



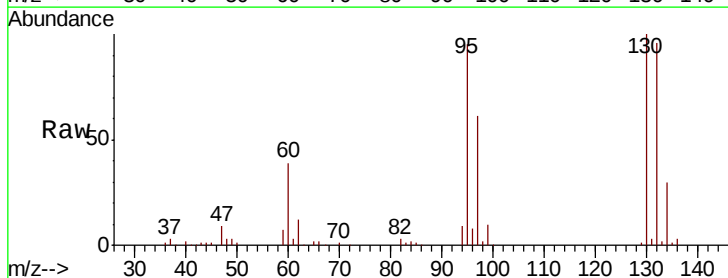
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



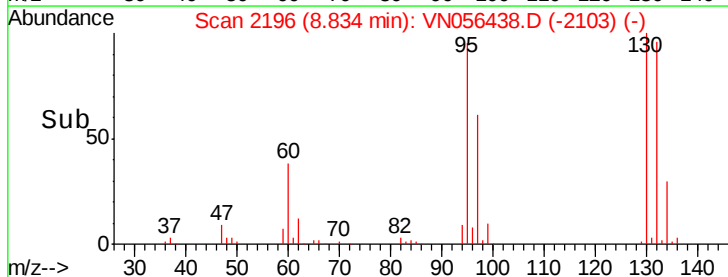
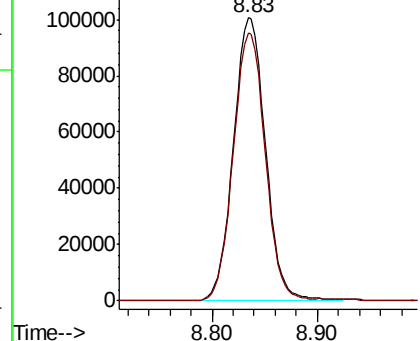
#44

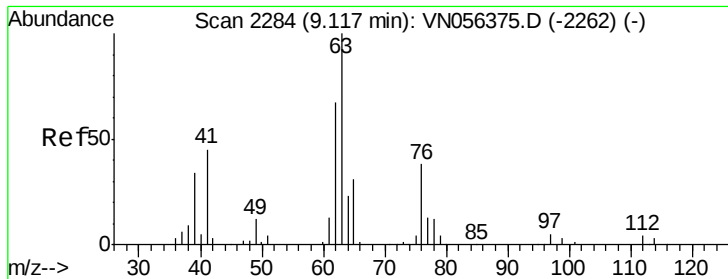
Trichloroethene
 Concen: 50.638 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion: 130 Resp: 211809
 Ion Ratio Lower Upper
 130 100
 95 94.7 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 51.430 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

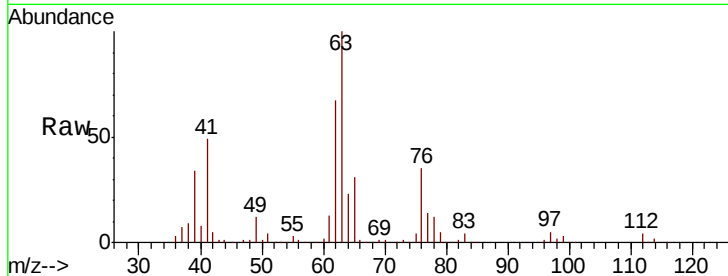
VSTDCCC050EC

Tot Ion: 63 Resp: 213573

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN056438.D (-2284) (-)

Ion 64.90 (64.60 to 65.60): VN056438.D (-2284) (-)

9.12

100000

80000

60000

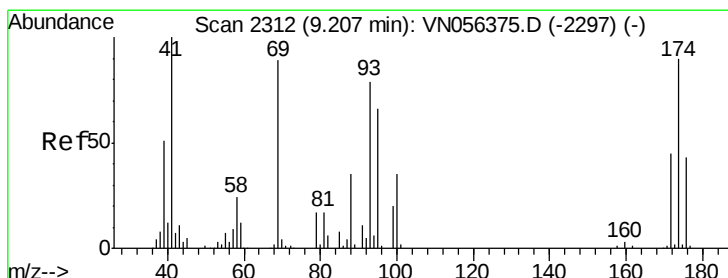
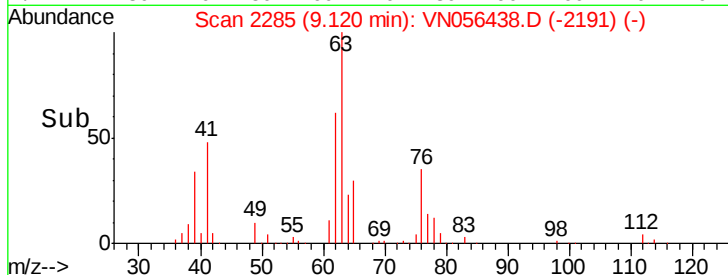
40000

20000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 51.907 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

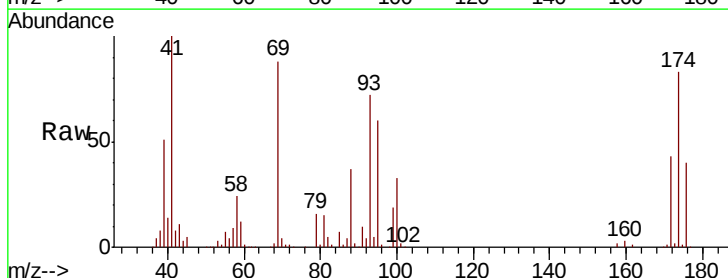
Tgt Ion: 93 Resp: 134859

Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

174 116.1 90.8 136.2



Abundance Ion 92.80 (92.50 to 93.50): VN056438.D (-2312) (-)

Ion 94.80 (94.50 to 95.50): VN056438.D (-2312) (-)

Ion 173.70 (173.40 to 174.40): VN056438.D (-2312) (-)

9.21

100000

80000

60000

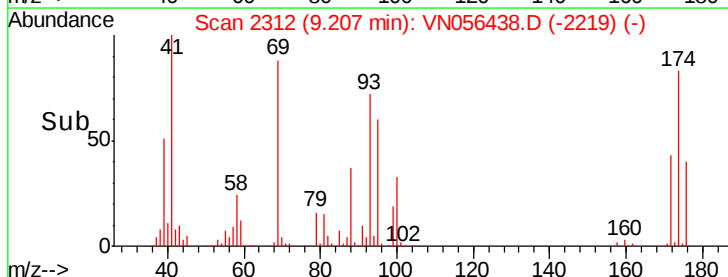
40000

20000

0

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 53.489 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

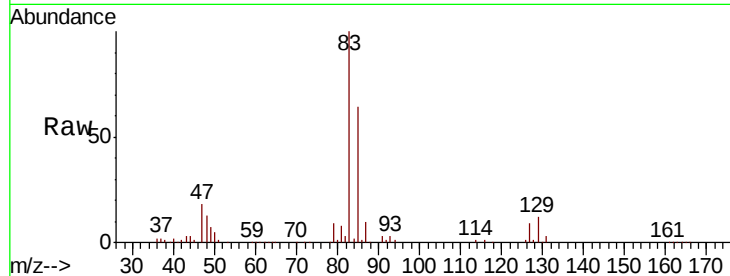
Tot Ion: 83 Resp: 246474

Ion Ratio Lower Upper

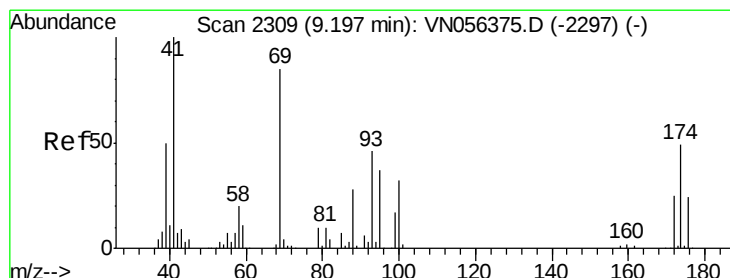
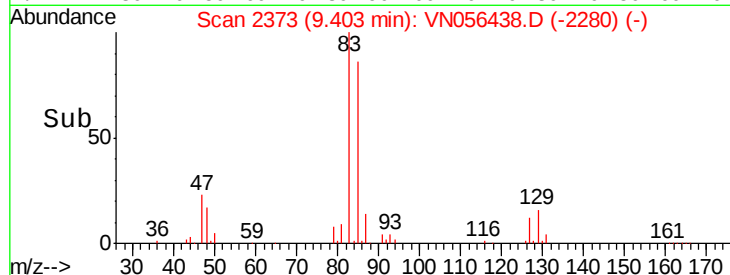
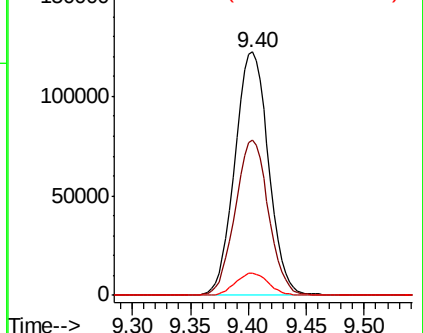
83 100

85 64.0 52.2 78.4

127 9.0 7.3 10.9



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



#48

Methyl methacrylate

Concen: 54.017 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

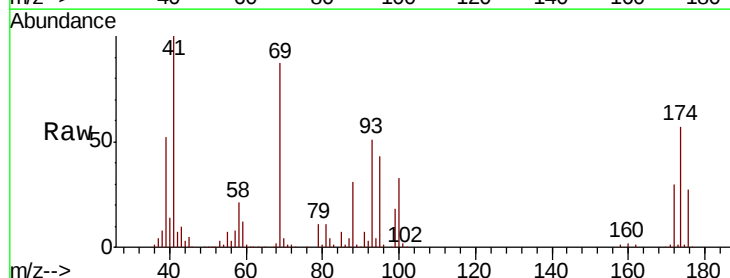
Tgt Ion: 41 Resp: 207068

Ion Ratio Lower Upper

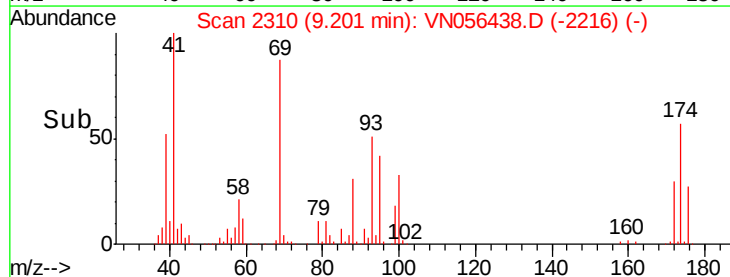
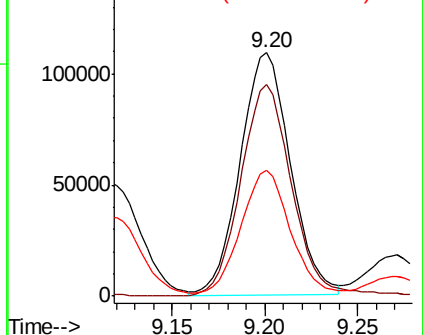
41 100

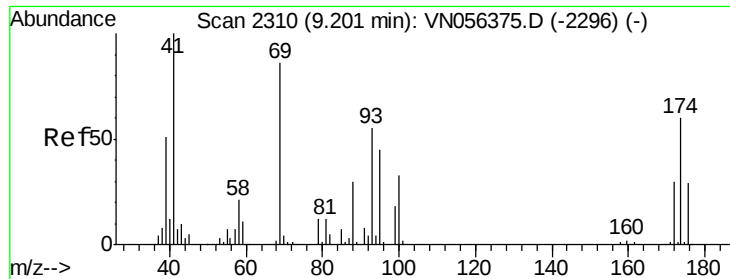
69 88.5 72.6 109.0

39 51.0 42.6 63.8



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

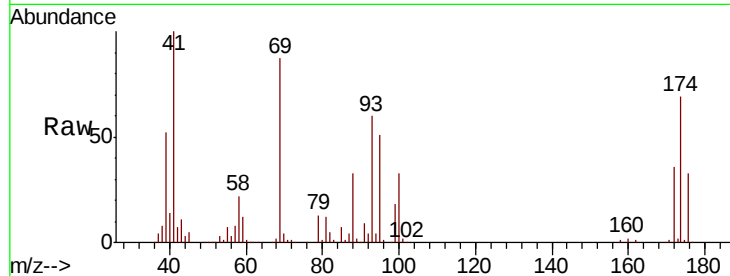




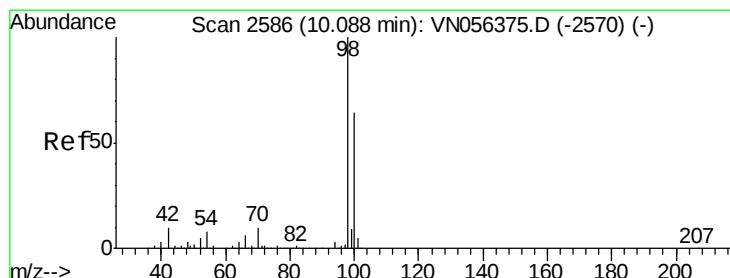
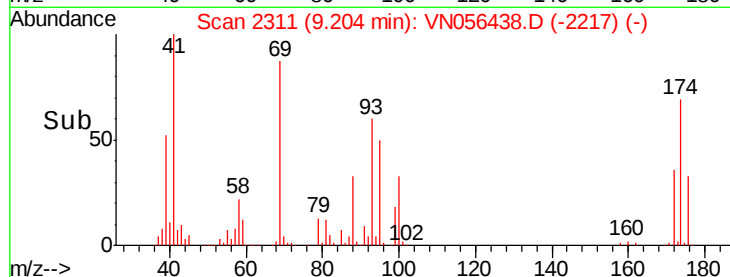
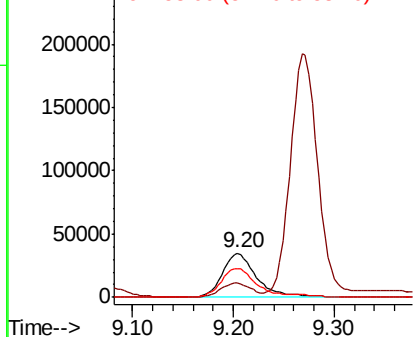
#49
1,4-Dioxane
Concen: 1048.503 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 83410
Ion Ratio Lower Upper
88 100
43 26.8 22.0 33.0
58 71.6 51.8 77.8

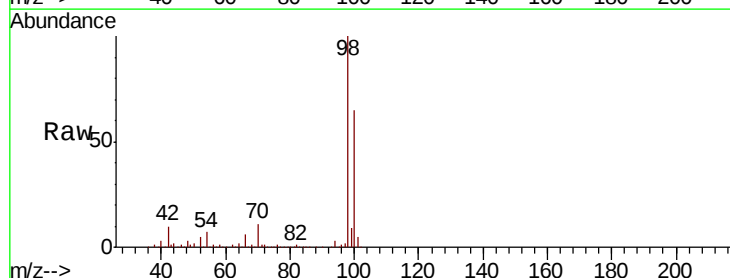


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

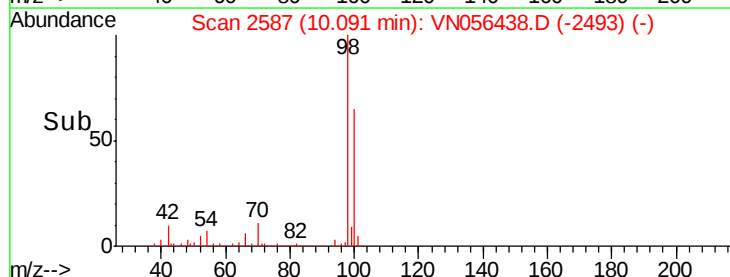
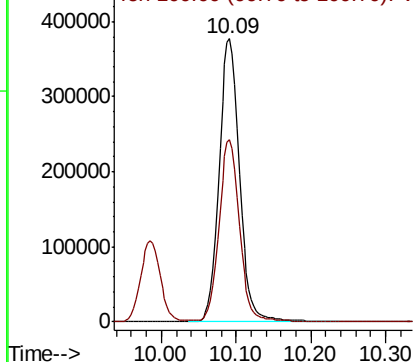


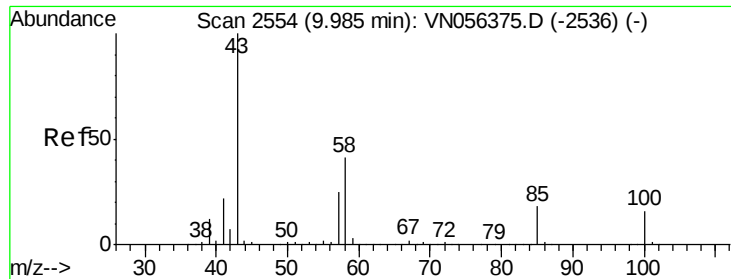
#50
Toluene-d8
Concen: 51.195 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 98 Resp: 712721
Ion Ratio Lower Upper
98 100
100 64.8 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: 268.964 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

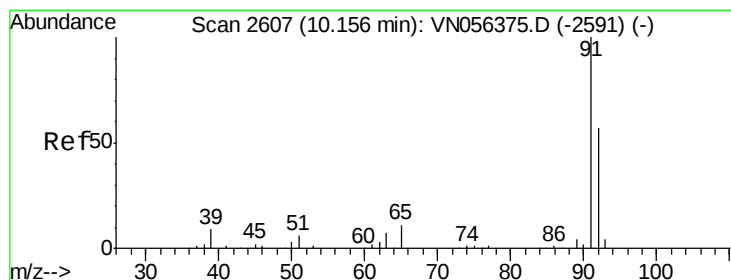
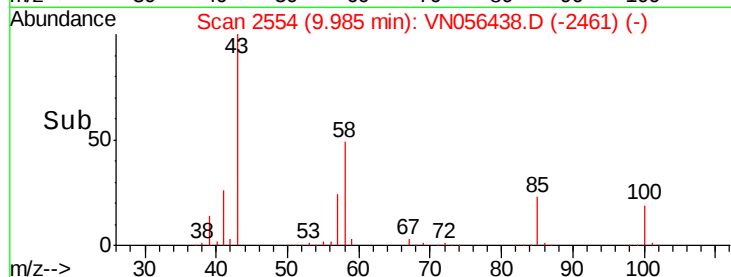
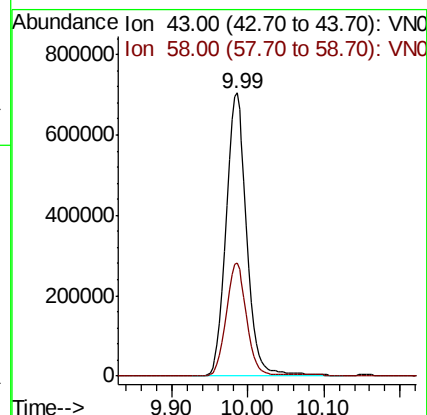
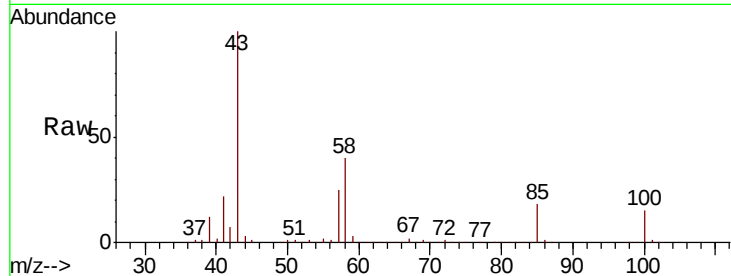
VSTDCCC050EC

Tot Ion: 43 Resp: 1327978

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8



#52

Toluene

Concen: 50.315 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056438.D

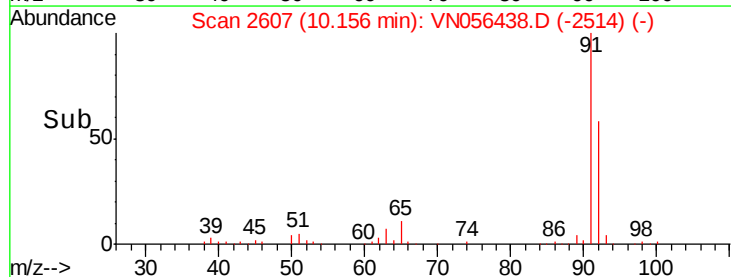
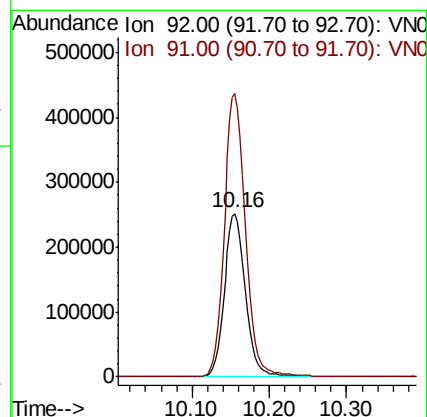
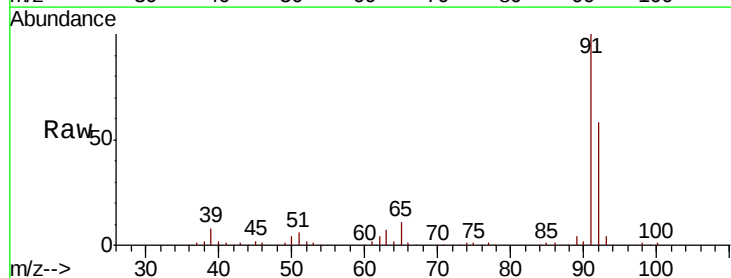
Acq: 21 Jun 2019 19:57

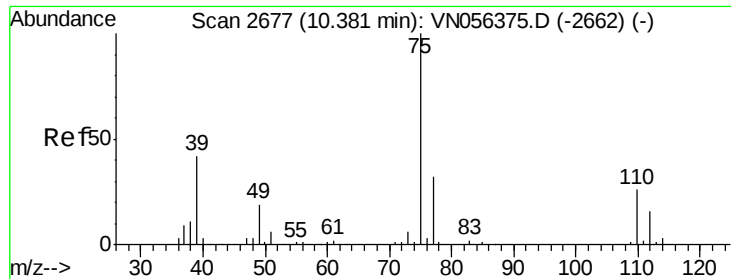
Tgt Ion: 92 Resp: 477666

Ion Ratio Lower Upper

92 100

91 174.2 140.6 211.0

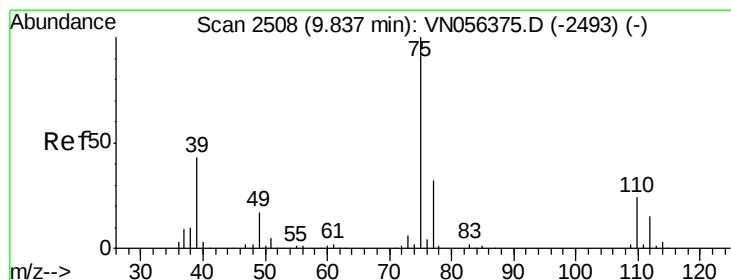
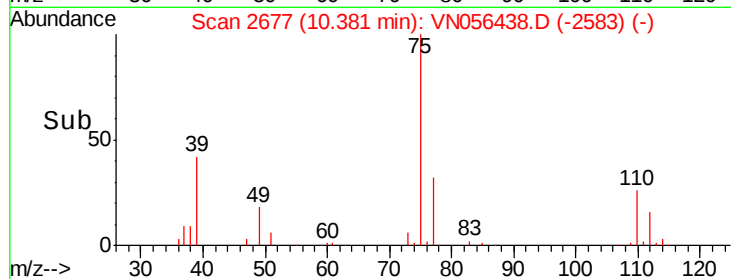
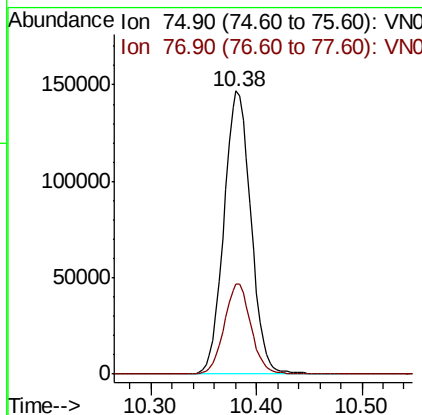
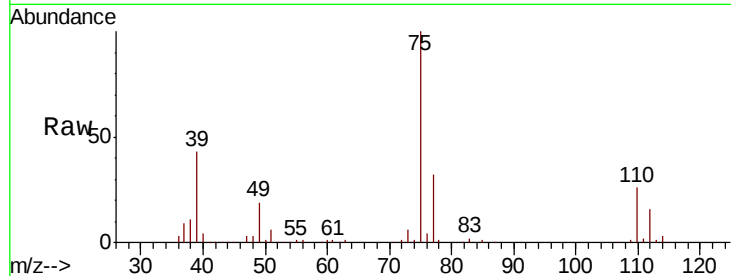




#53
 t-1,3-Dichloropropene
 Concen: 48.526 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

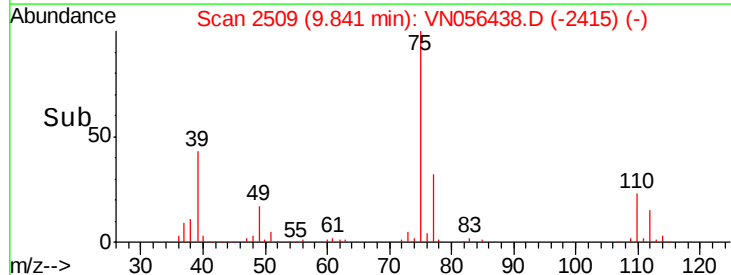
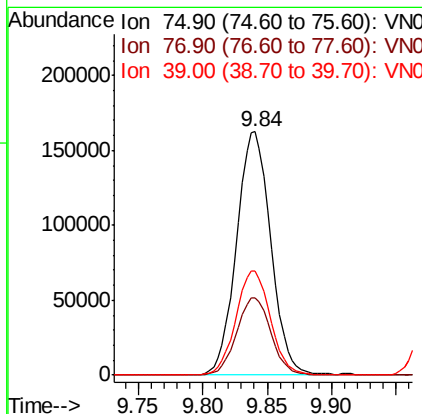
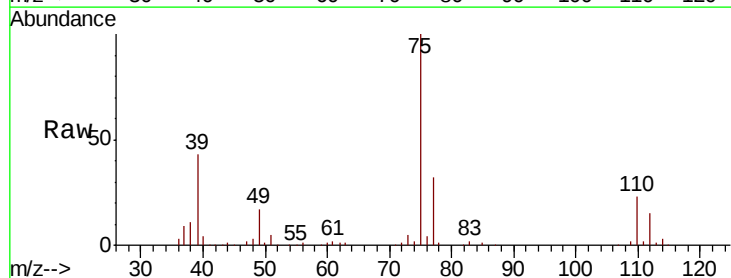
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

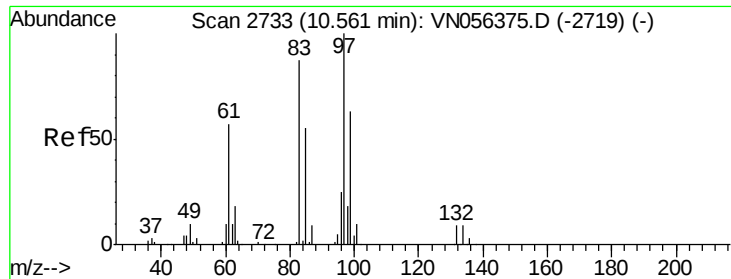
Tot Ion: 75 Resp: 259950
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.170 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion: 75 Resp: 300590
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 42.7 34.2 51.4

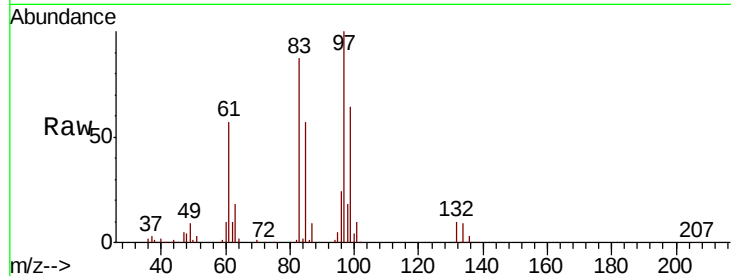




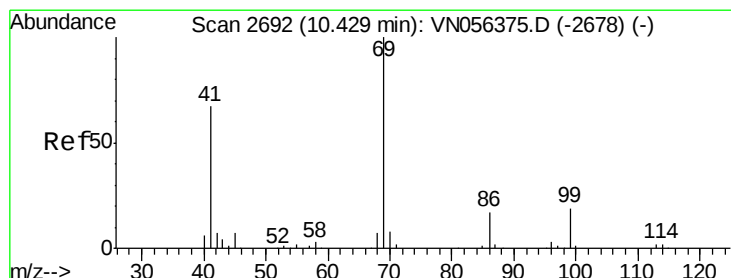
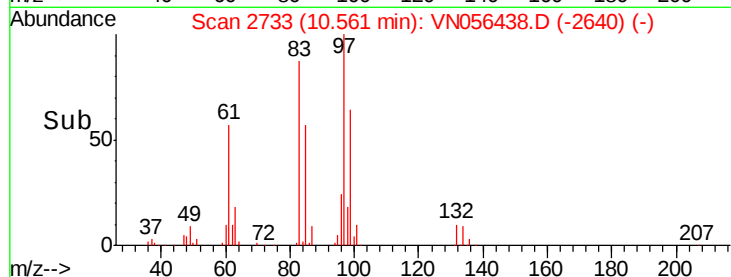
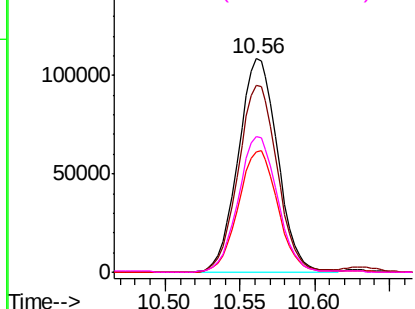
#55
 1,1,2-Trichloroethane
 Concen: 52.188 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 199146
 Ion Ratio Lower Upper
 97 100
 83 87.3 69.8 104.6
 85 56.6 43.8 65.8
 99 63.6 50.2 75.2

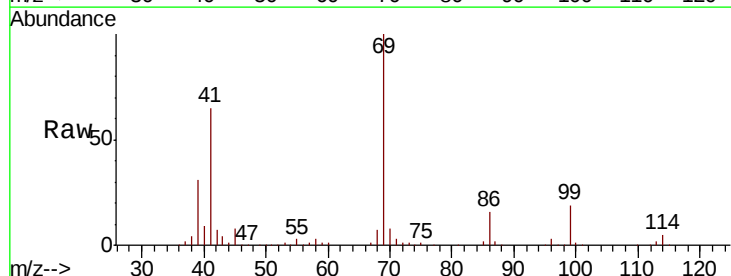


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

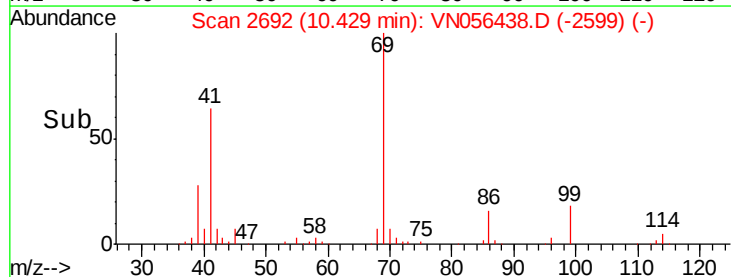
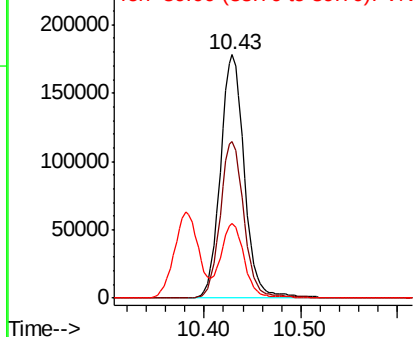


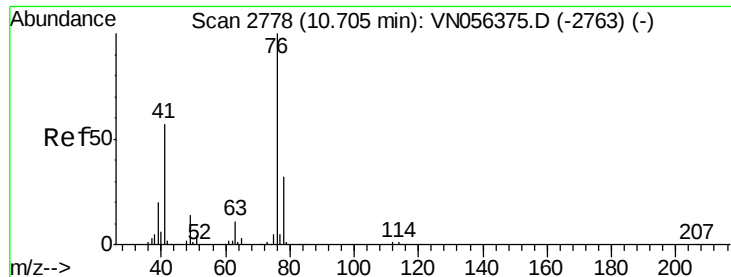
#56
 Ethyl methacrylate
 Concen: 54.743 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion: 69 Resp: 305286
 Ion Ratio Lower Upper
 69 100
 41 63.4 51.4 77.2
 39 30.1 24.7 37.1



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

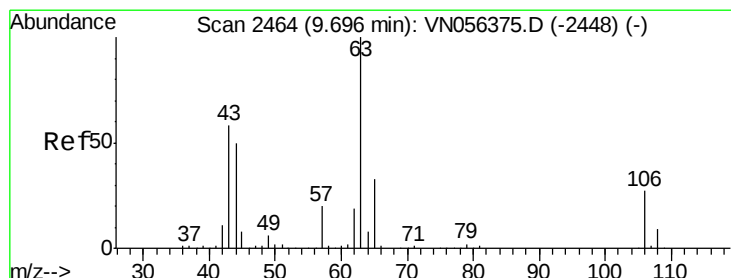
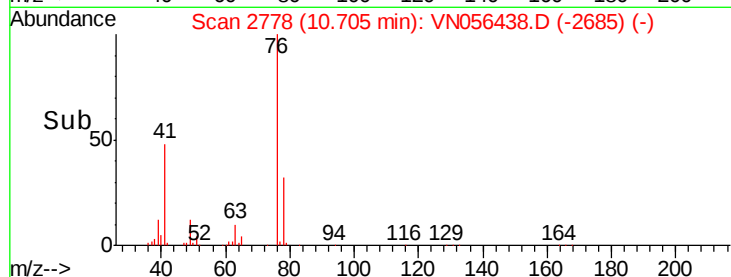
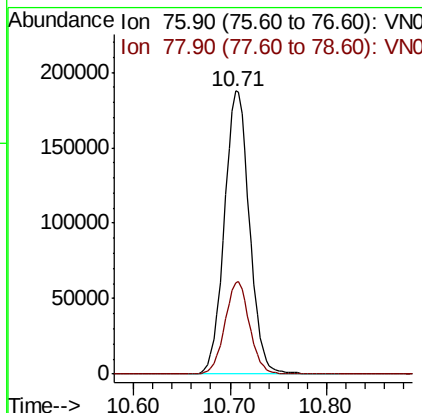
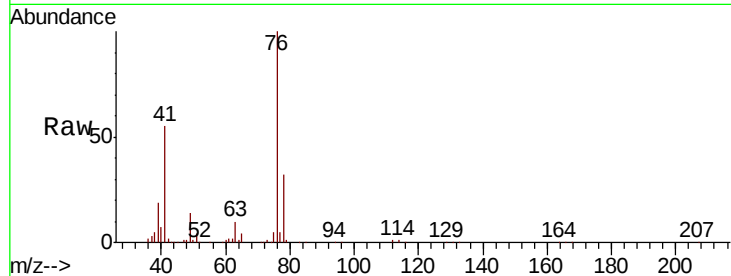




#57
 1,3-Dichloropropane
 Concen: 52.637 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

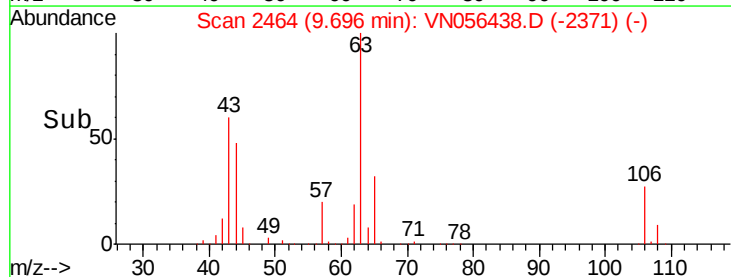
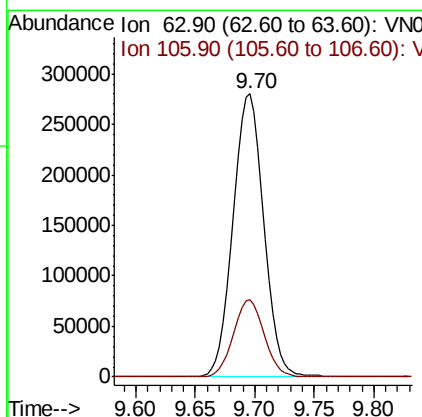
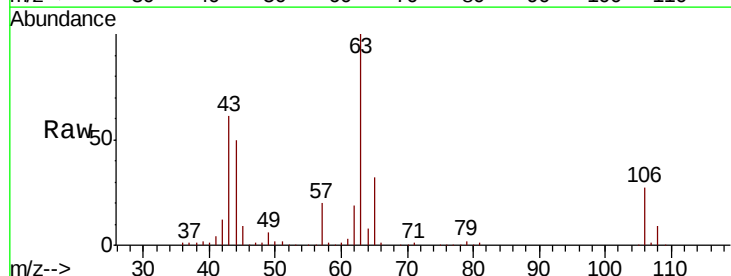
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

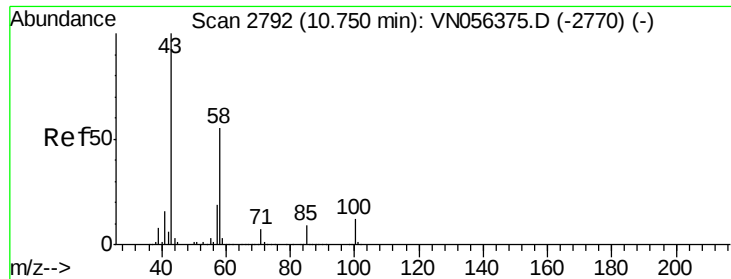
Tot Ion: 76 Resp: 337431
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.033 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion: 63 Resp: 502931
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.6 32.4

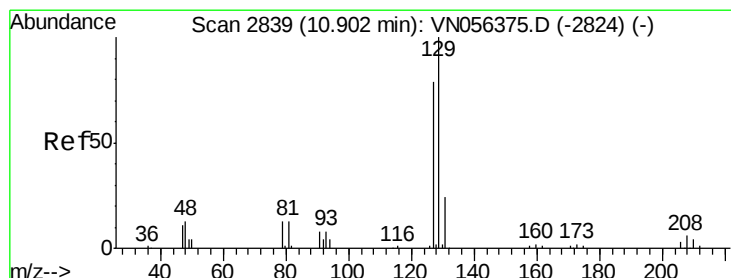
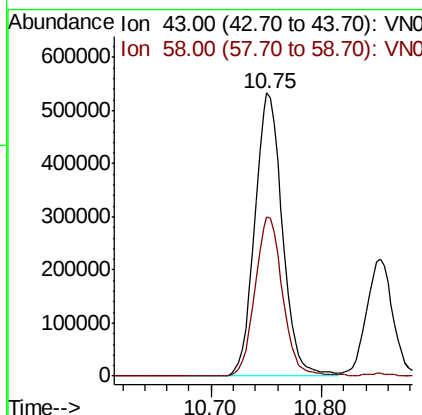
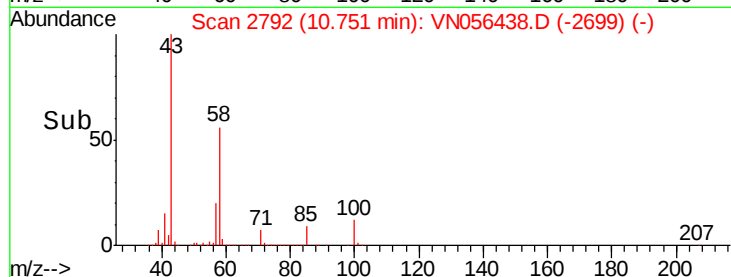
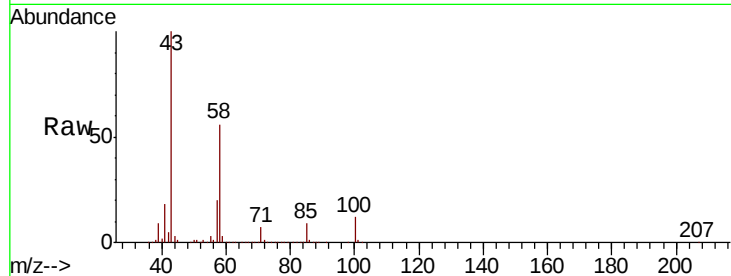




#59
2-Hexanone
Concen: 254.276 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

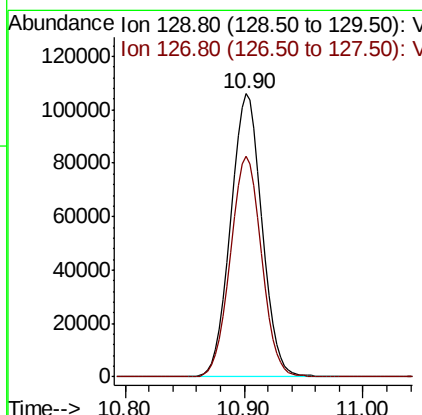
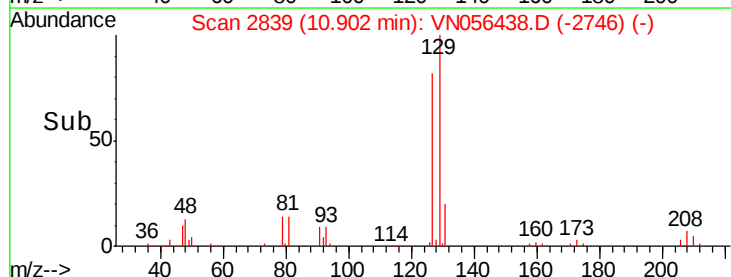
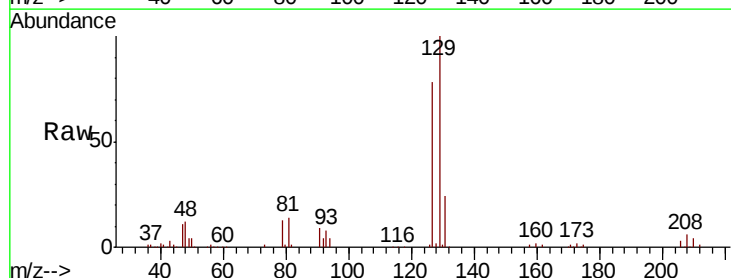
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

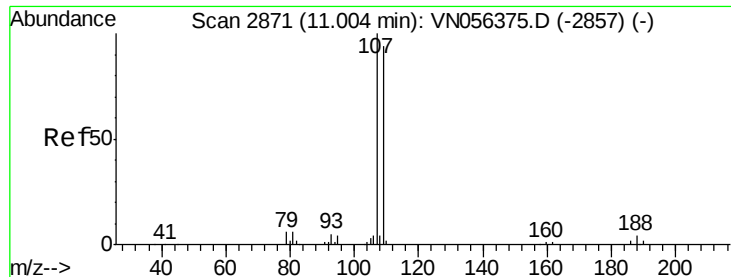
Tot Ion: 43 Resp: 922719
Ion Ratio Lower Upper
43 100
58 56.3 27.8 83.4



#60
Dibromochloromethane
Concen: 49.338 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 129 Resp: 193386
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7

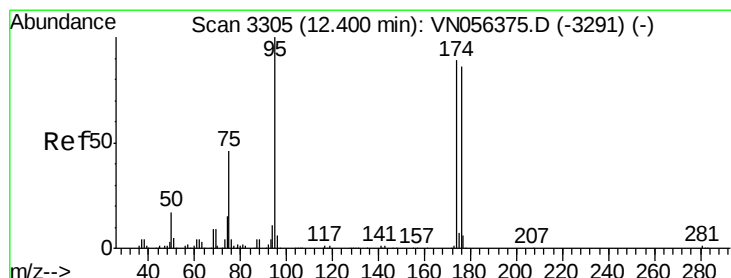
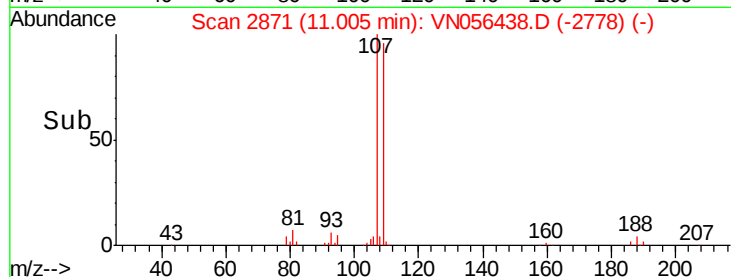
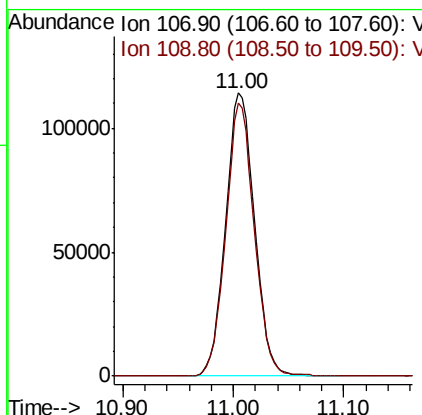
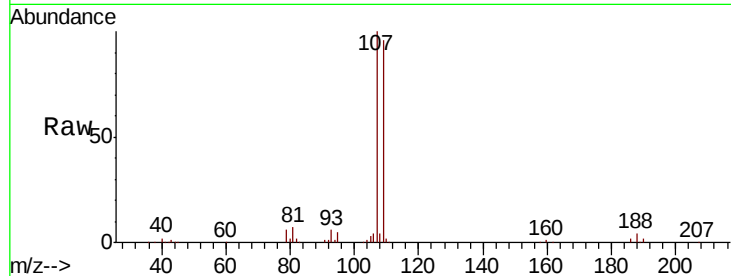




#61
 1,2-Dibromoethane
 Concen: 53.329 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

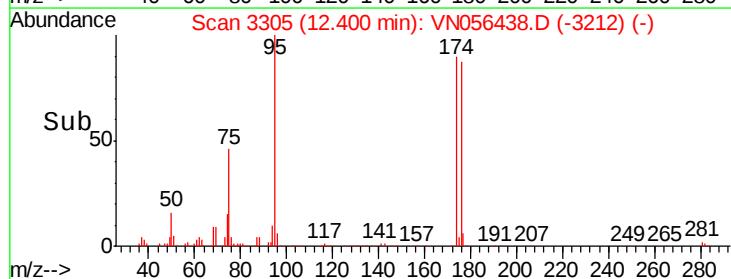
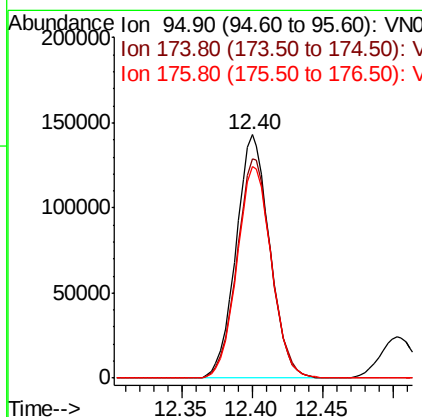
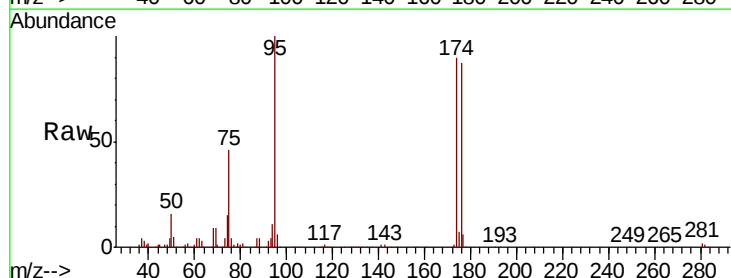
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

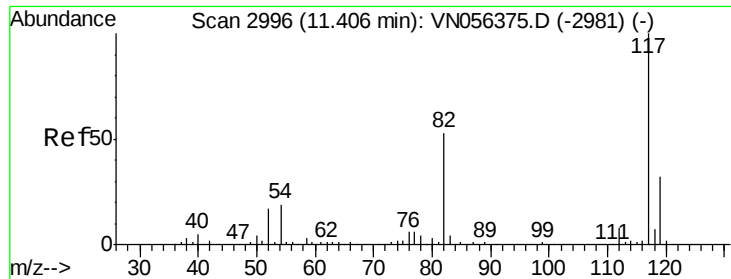
Tot Ion:107 Resp: 207843
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.674 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion: 95 Resp: 239816
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 179.4
 176 88.6 0.0 173.4

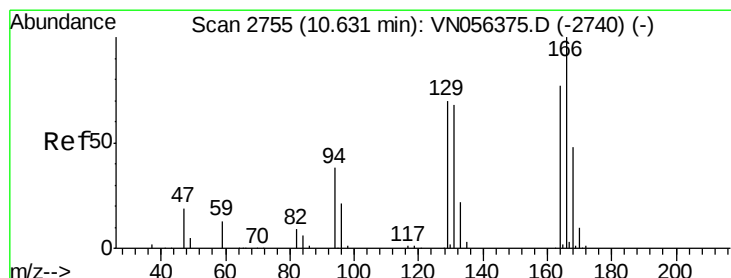
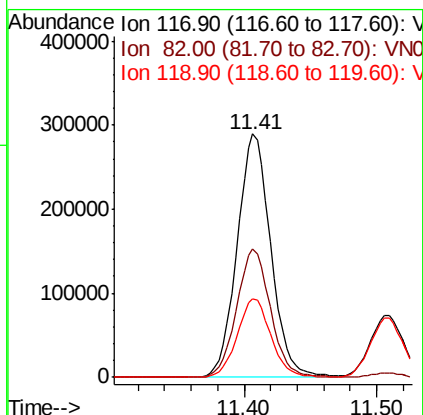
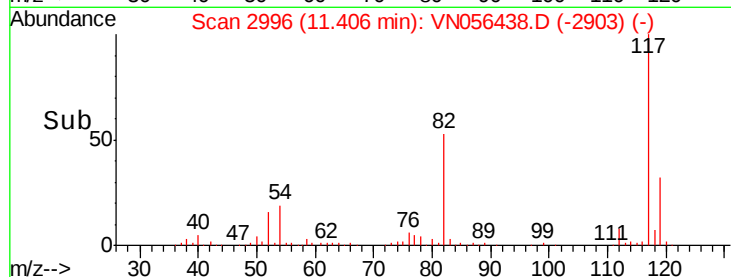
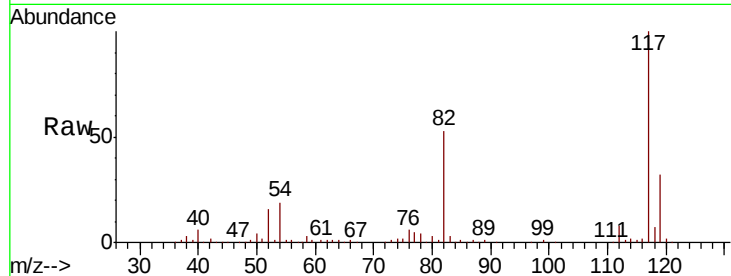




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

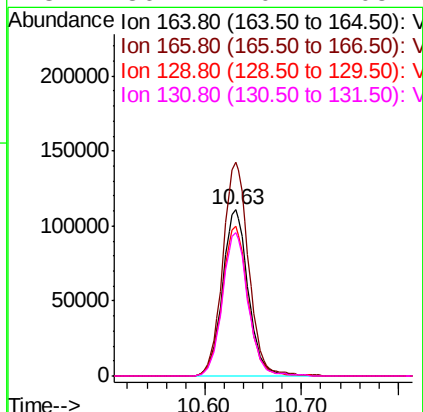
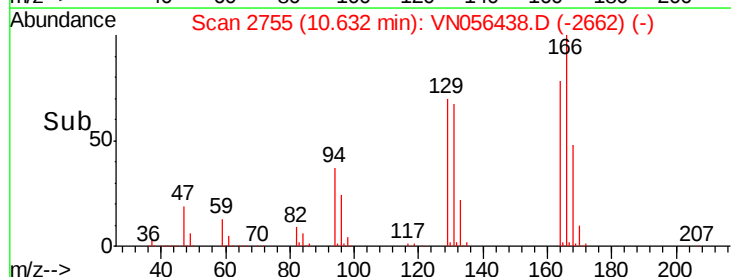
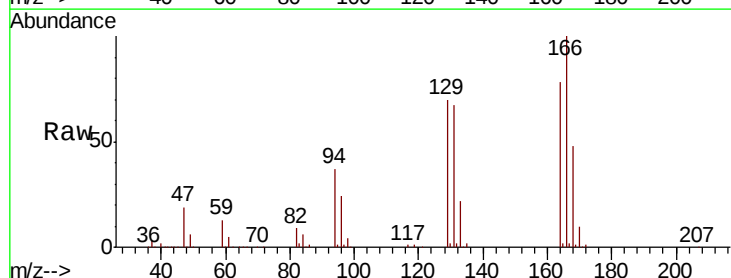
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

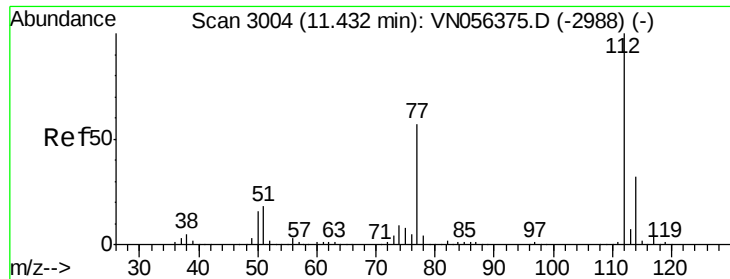
Tot Ion:117 Resp: 510156
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 50.500 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion:164 Resp: 204020
Ion Ratio Lower Upper
164 100
166 128.5 103.4 155.0
129 89.8 72.0 108.0
131 86.4 70.2 105.2

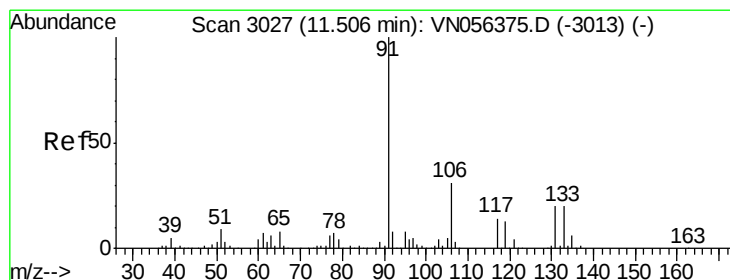
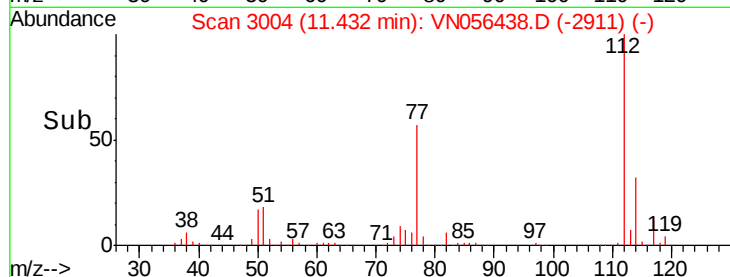
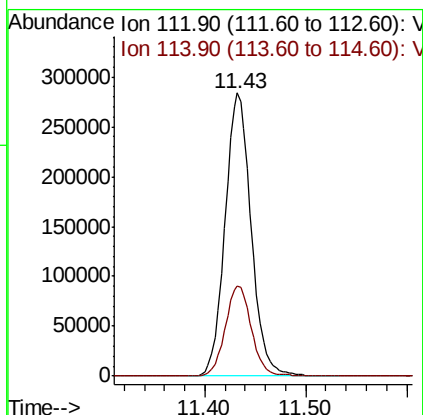
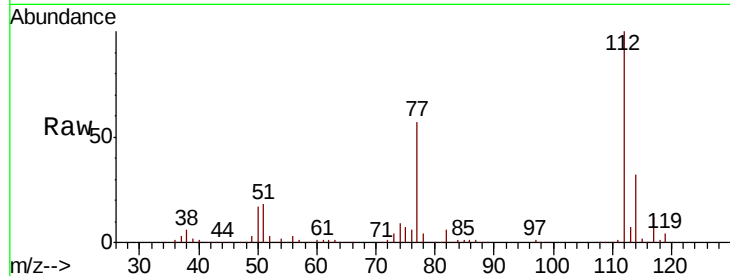




#65
Chlorobenzene
Concen: 49.944 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

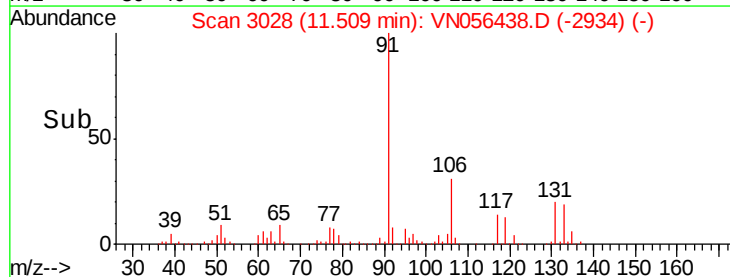
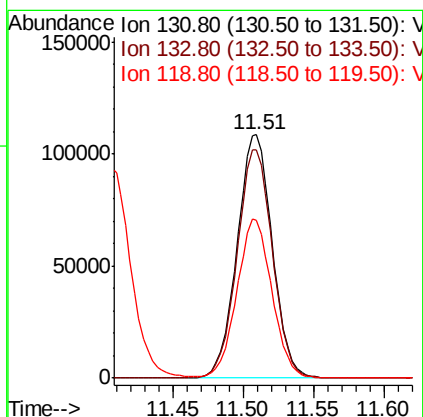
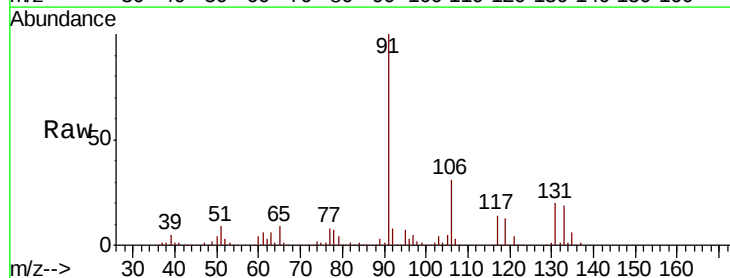
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

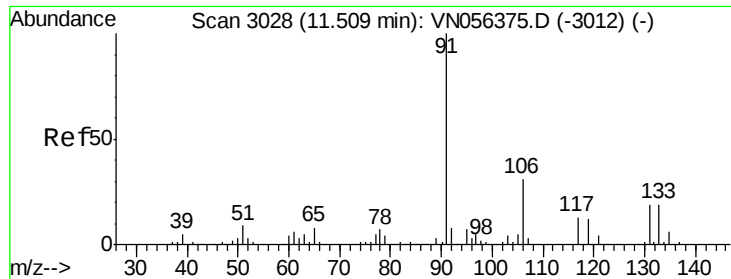
Tot Ion:112 Resp: 511973
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.685 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion:131 Resp: 189458
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.2
119 65.3 32.8 98.4

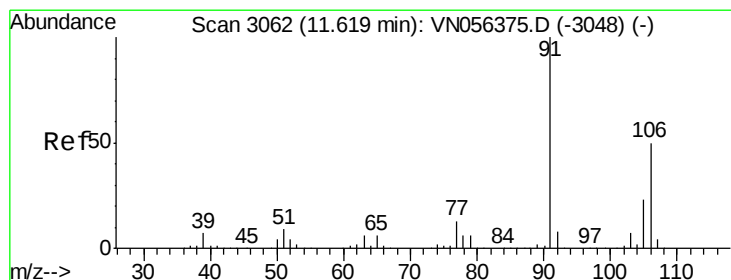
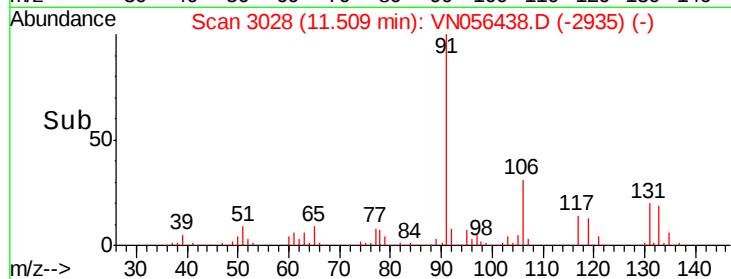
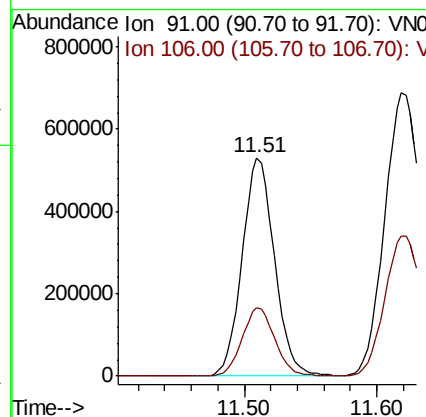
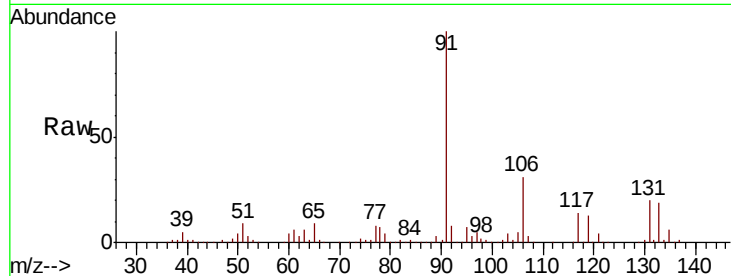




#67
Ethyl Benzene
Concen: 50.004 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

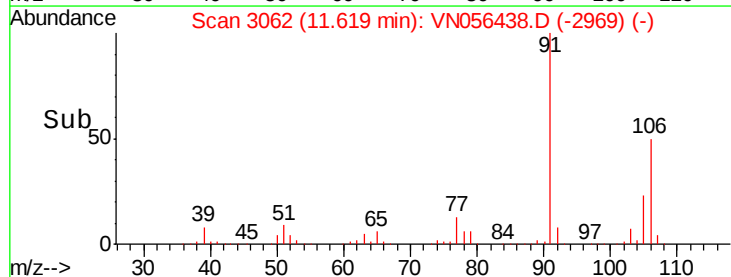
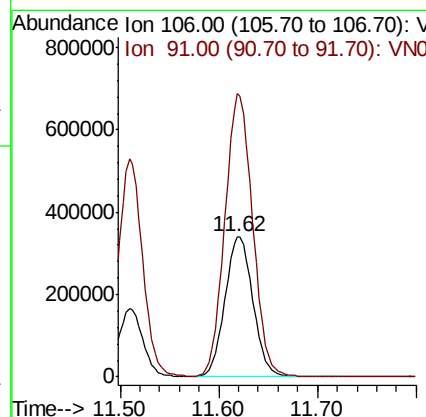
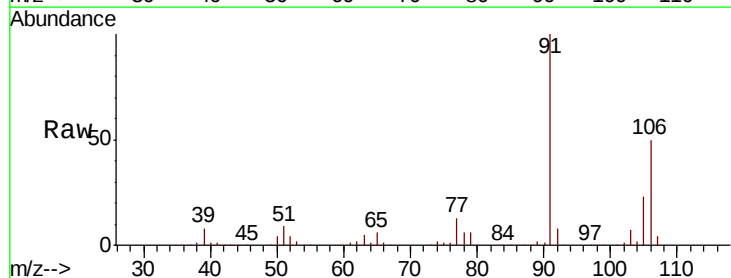
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

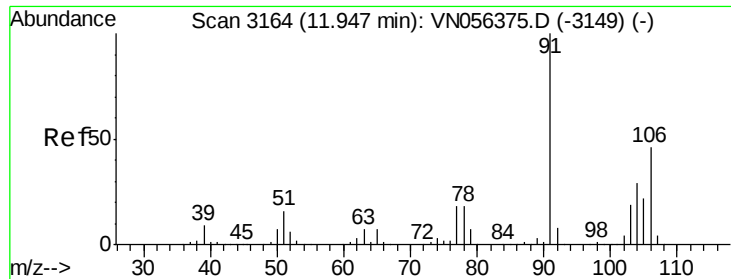
Tot Ion: 91 Resp: 900023
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 102.423 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 106 Resp: 675611
Ion Ratio Lower Upper
106 100
91 200.9 160.1 240.1

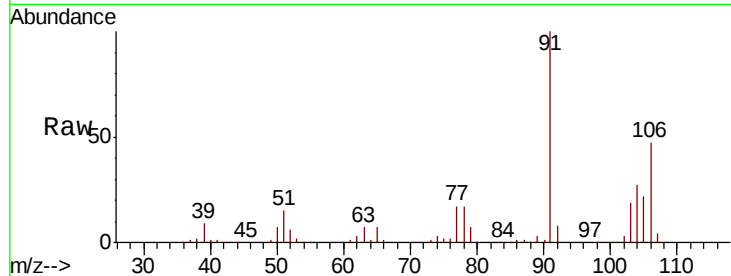




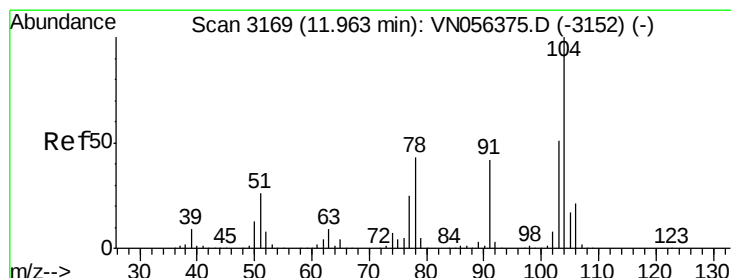
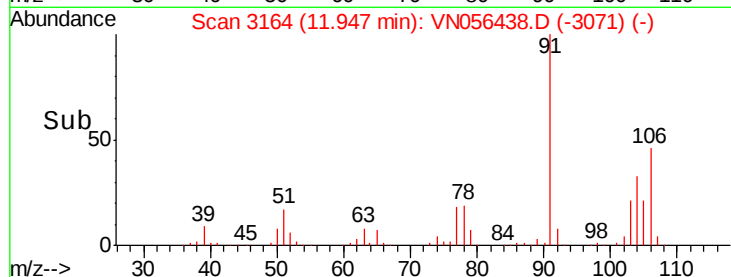
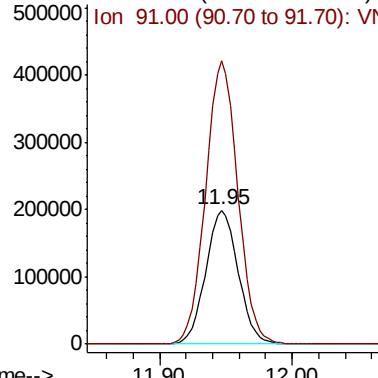
#69
o-Xylene
Concen: 51.680 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 337260
Ion Ratio Lower Upper
106 100
91 210.4 107.1 321.3

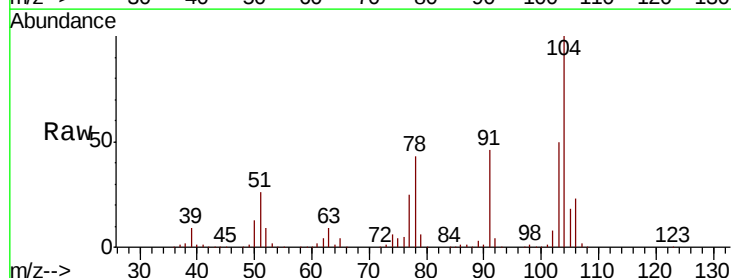


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

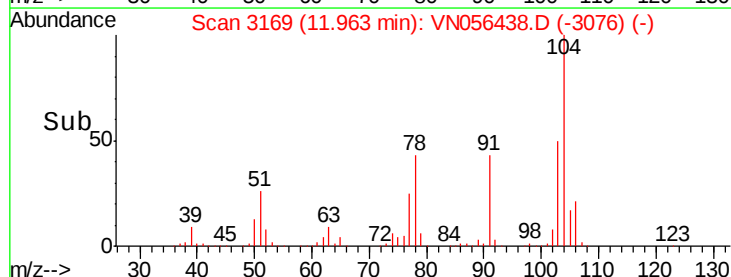
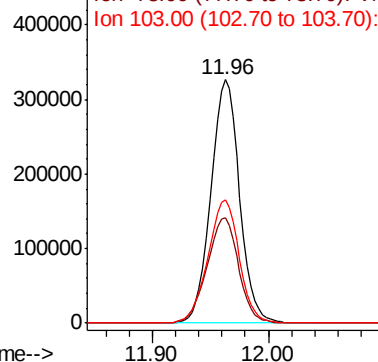


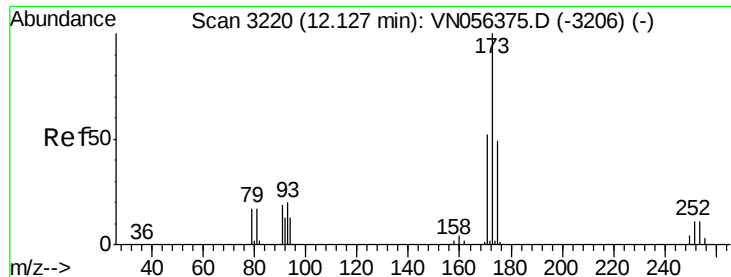
#70
Styrene
Concen: 53.486 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion:104 Resp: 557922
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 55.4 43.9 65.9



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

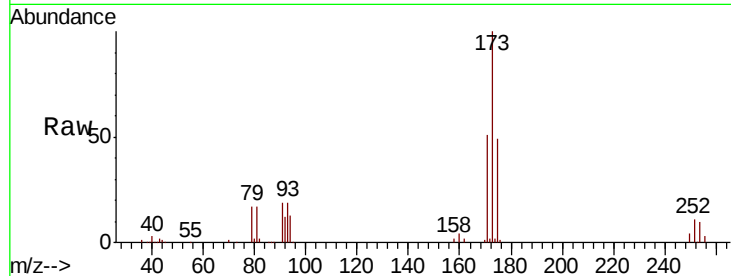




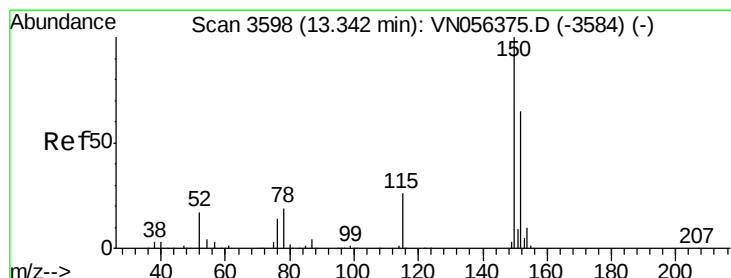
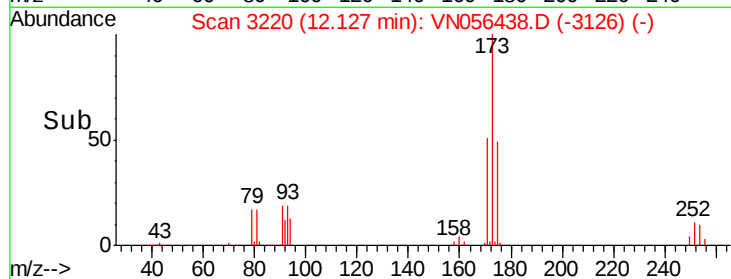
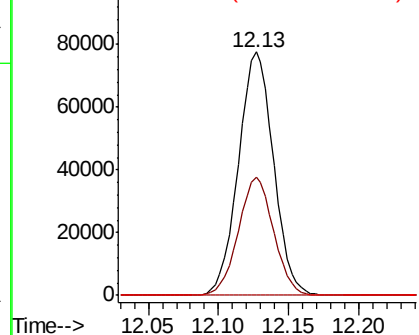
#71
Bromoform
Concen: 48.529 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 135362
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.0 0.0 0.0

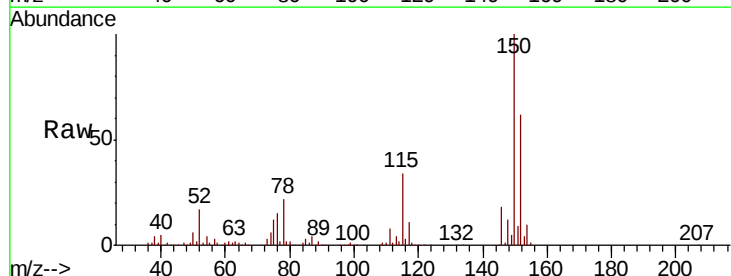


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

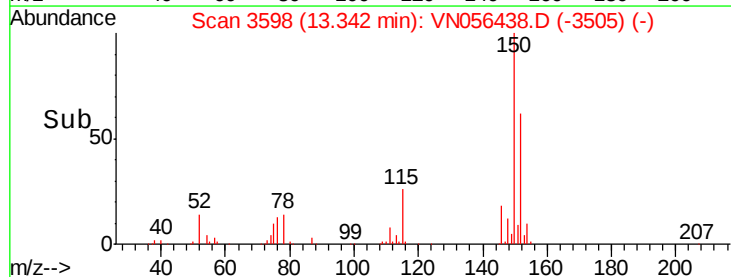
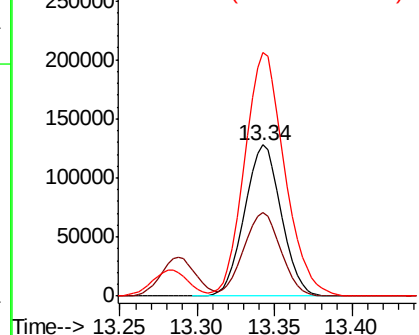


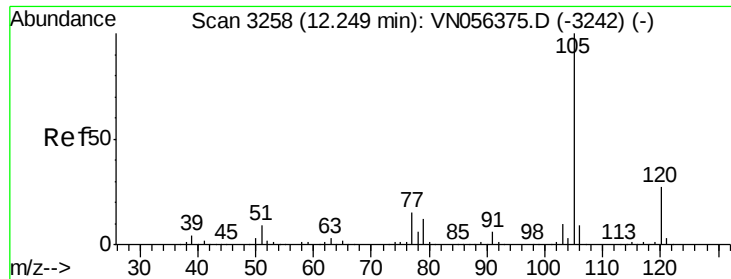
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion:152 Resp: 211565
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.4
150 175.5 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: 55.959 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

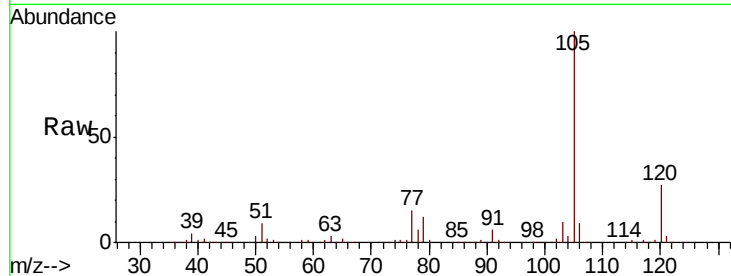
VSTDCCC050EC

Tot Ion:105 Resp: 884137

Ion Ratio Lower Upper

105 100

120 26.7 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

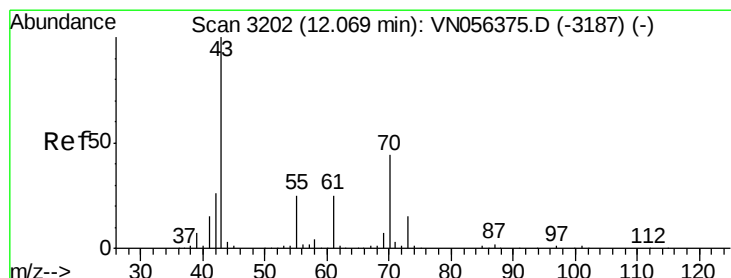
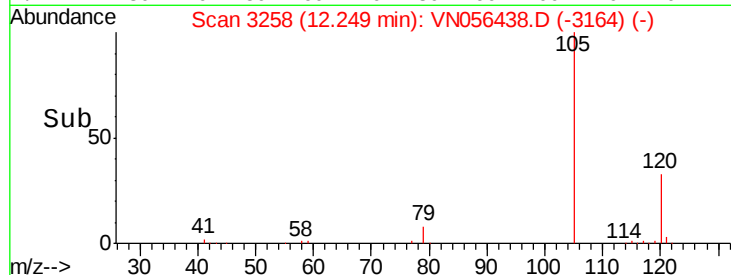
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 49.655 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Tgt Ion: 43 Resp: 334338

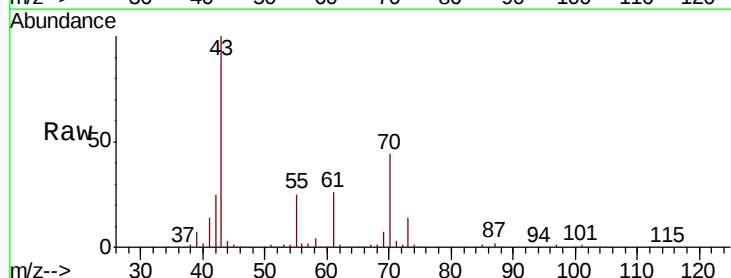
Ion Ratio Lower Upper

43 100

70 43.6 34.9 52.3

55 25.1 20.4 30.6

61 25.4 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

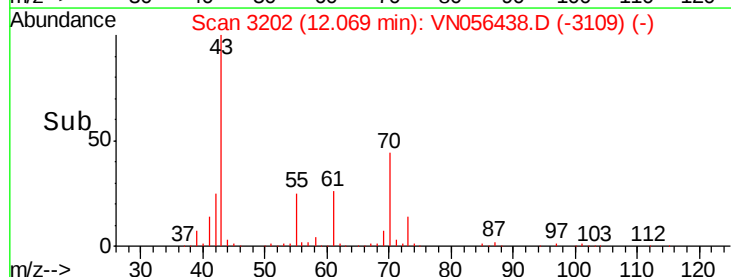
100000

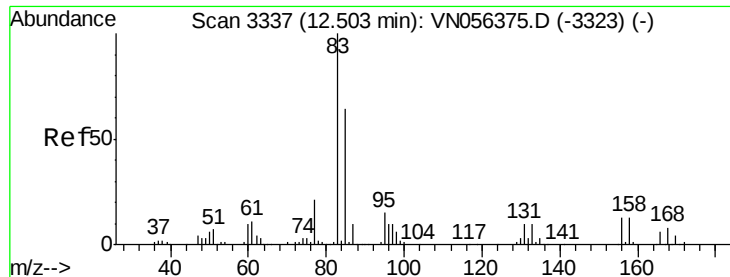
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 56.883 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

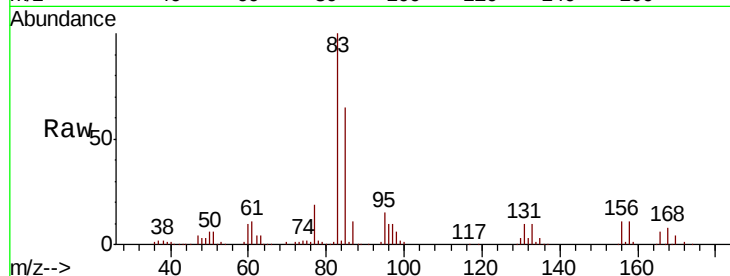
Tot Ion: 83 Resp: 277754

Ion Ratio Lower Upper

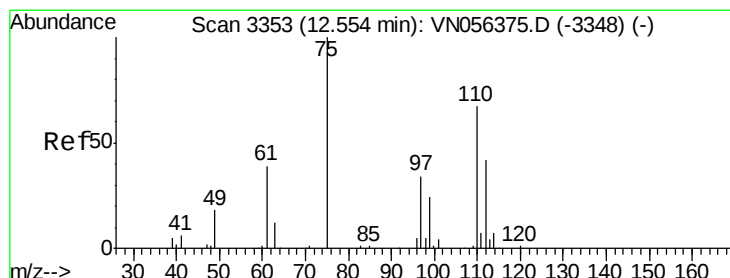
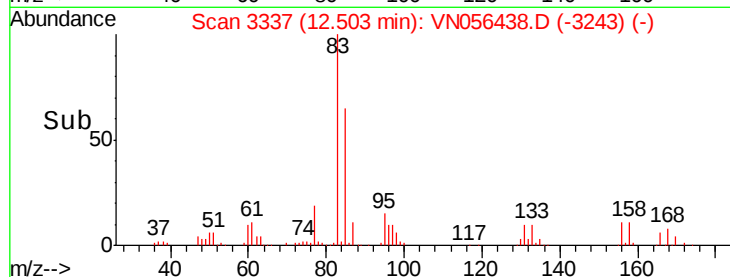
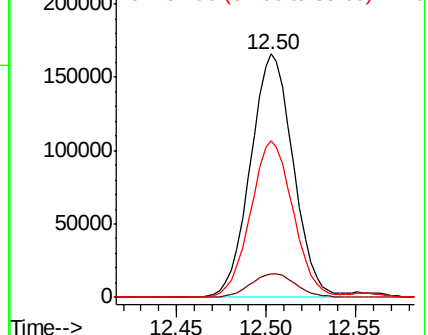
83 100

131 10.5 5.3 15.8

85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 74.295 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056438.D

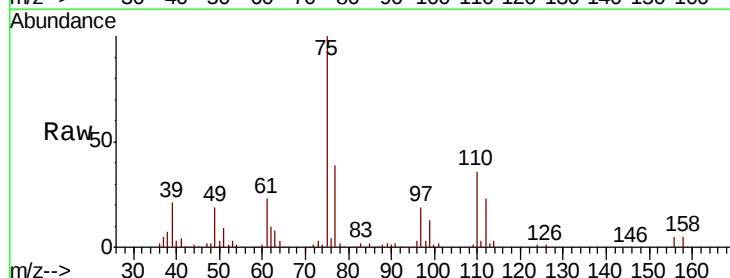
Acq: 21 Jun 2019 19:57

Tgt Ion: 75 Resp: 325920

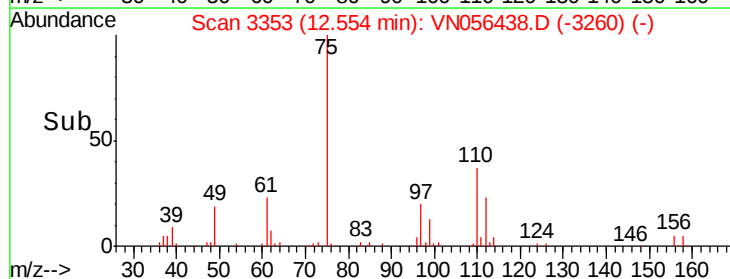
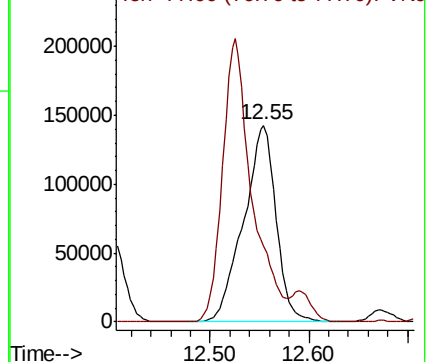
Ion Ratio Lower Upper

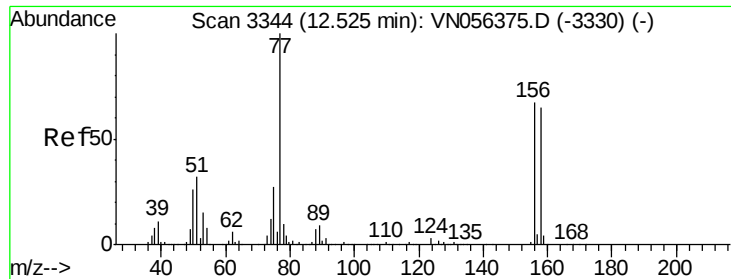
75 100

77 0.0 0.0 0.0



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

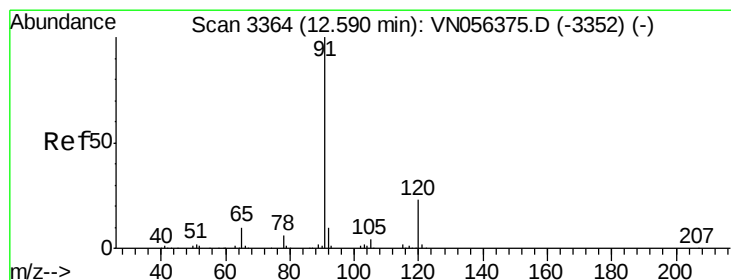
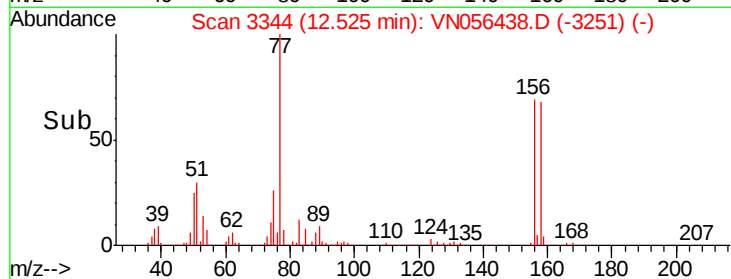
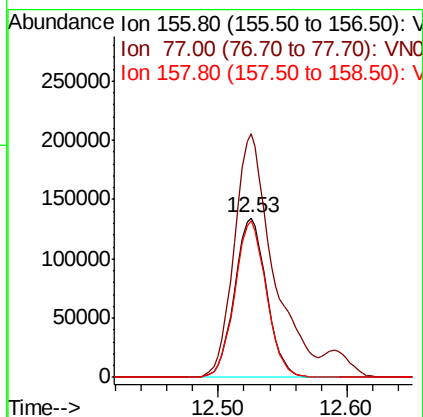
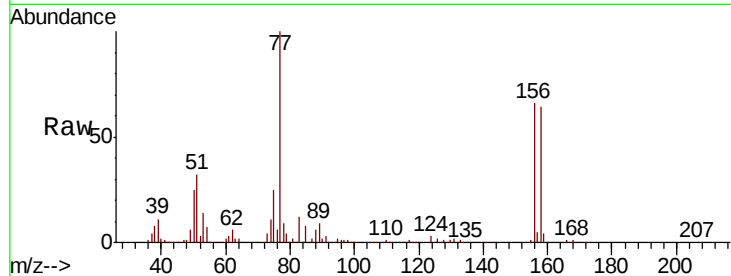




#77
Bromobenzene
Concen: 48.926 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

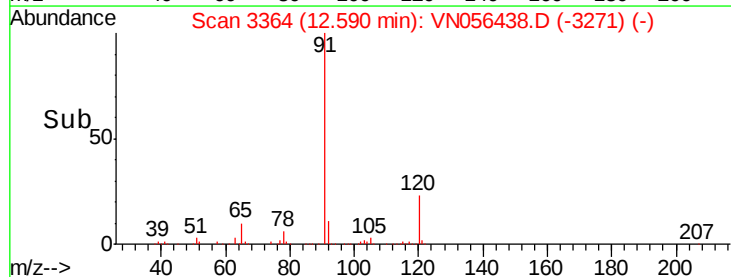
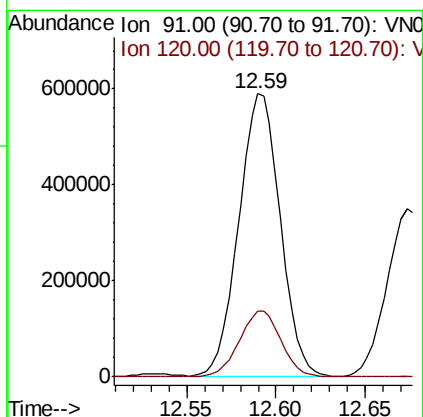
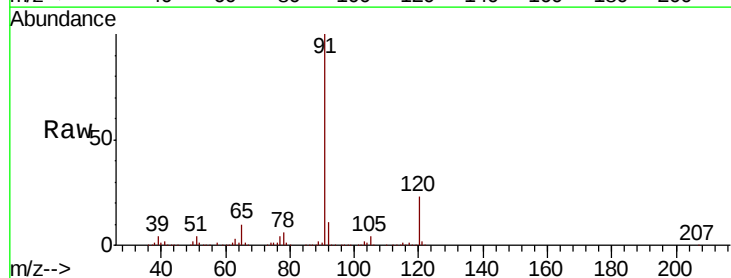
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

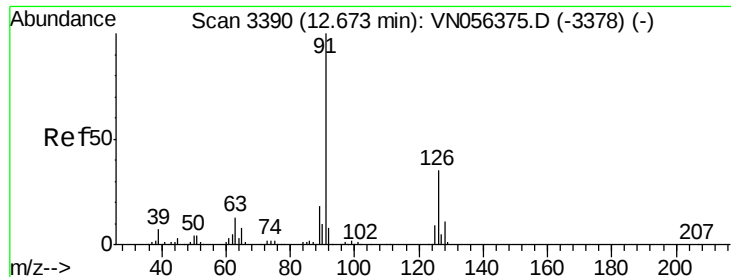
Tot Ion:156 Resp: 231448
Ion Ratio Lower Upper
156 100
77 185.5 92.5 277.3
158 97.1 48.7 146.1



#78
n-propylbenzene
Concen: 49.219 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056438.D
Acq: 21 Jun 2019 19:57

Tgt Ion: 91 Resp: 953582
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4

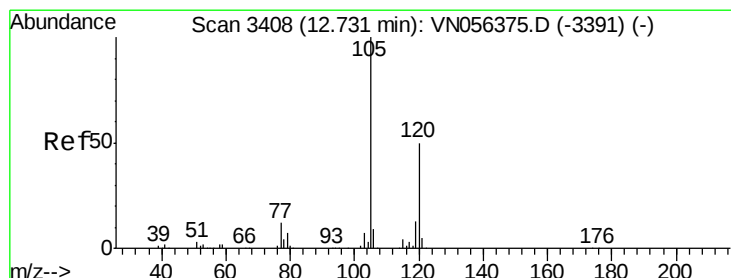
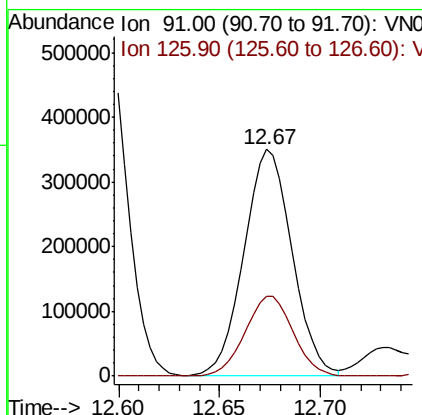
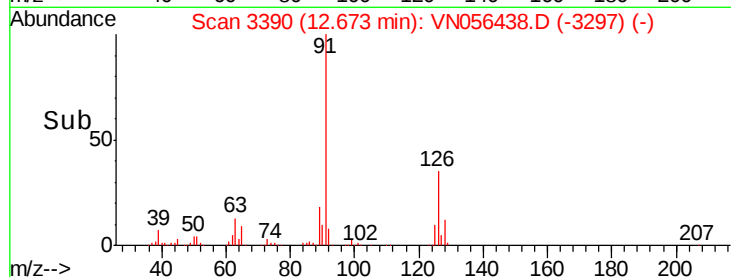
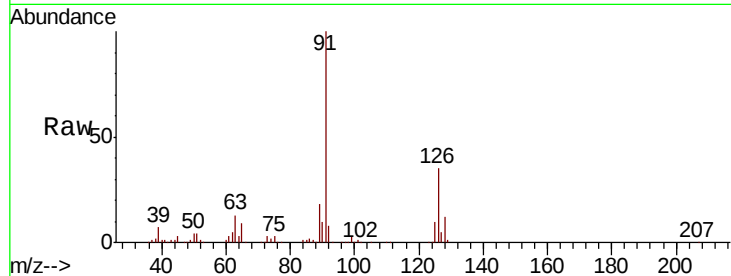




#79
 2-Chlorotoluene
 Concen: 55.103 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

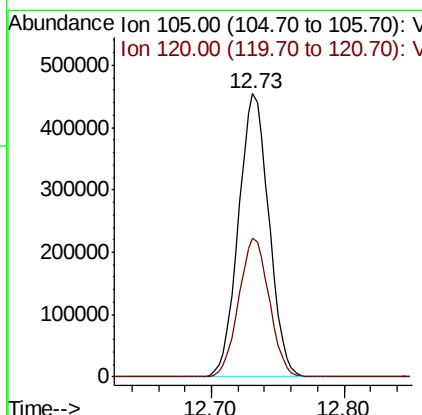
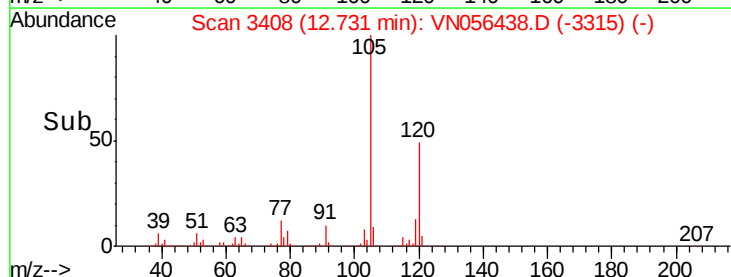
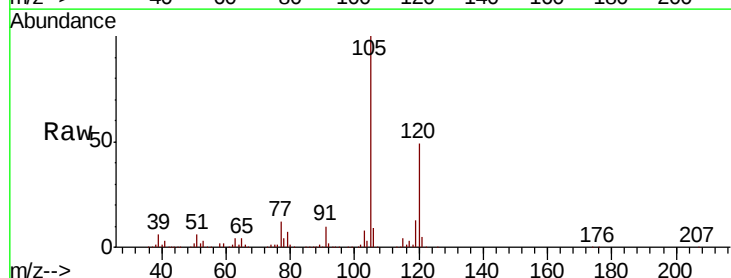
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

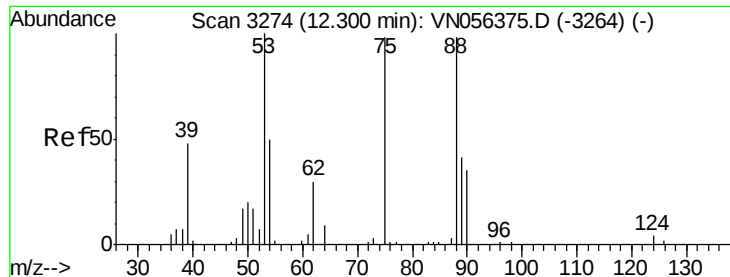
Tot Ion: 91 Resp: 582649
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 54.451 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion: 105 Resp: 722319
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.081 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

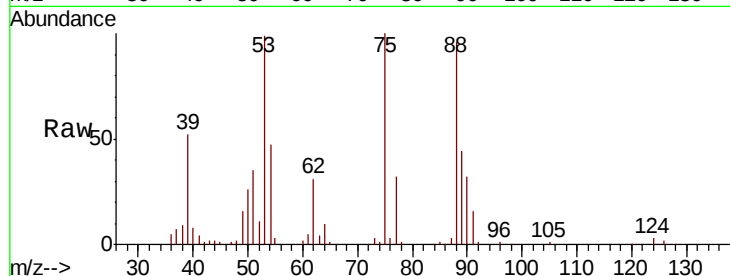
Tot Ion: 75 Resp: 66751

Ion Ratio Lower Upper

75 100

53 99.6 83.9 125.9

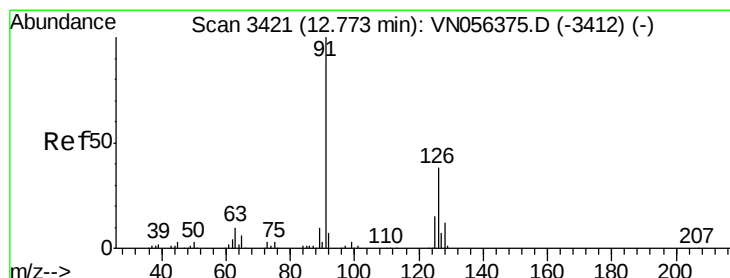
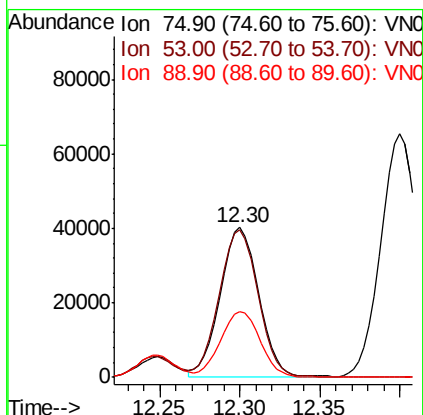
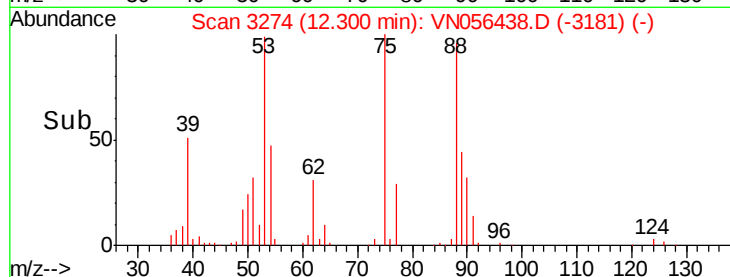
89 44.9 35.0 52.6



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: 49.055 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056438.D

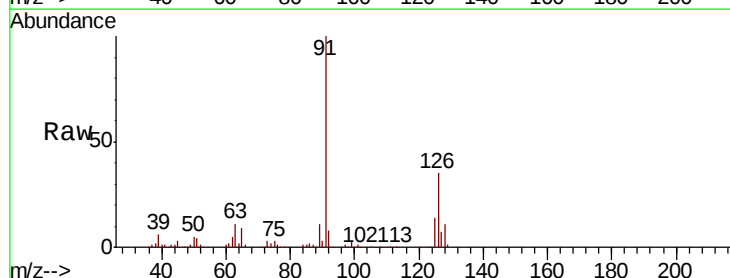
Acq: 21 Jun 2019 19:57

Tgt Ion: 91 Resp: 561161

Ion Ratio Lower Upper

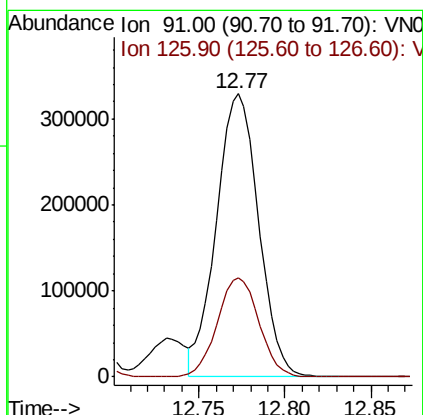
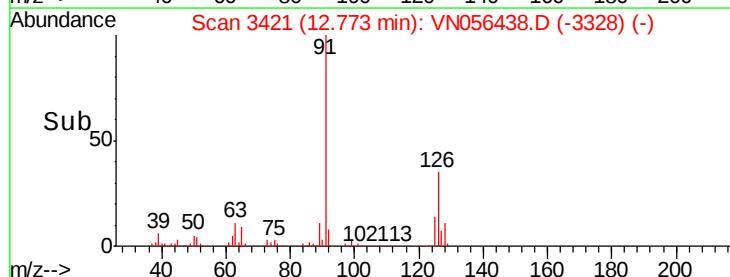
91 100

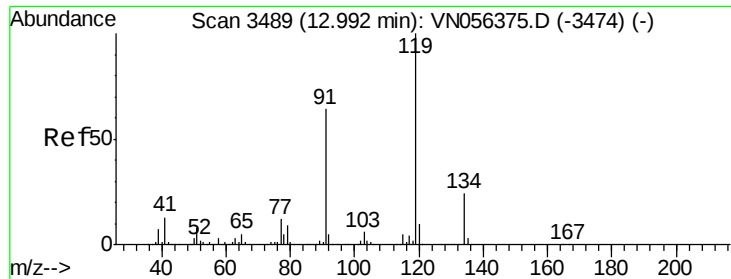
126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

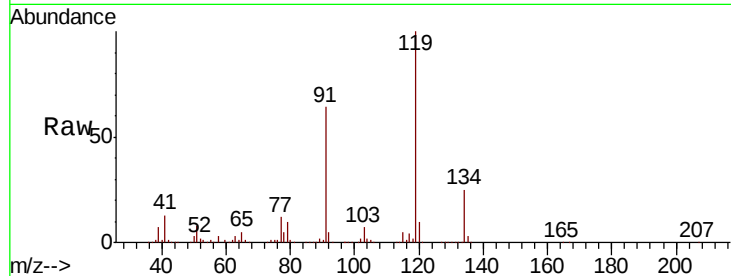




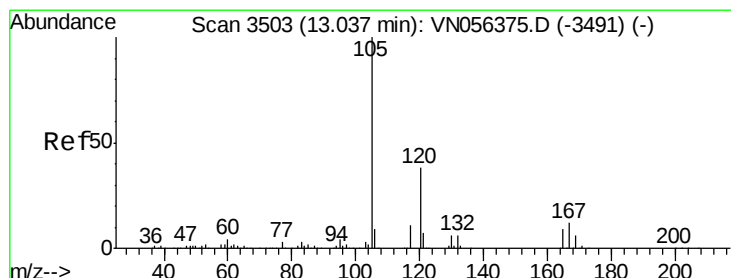
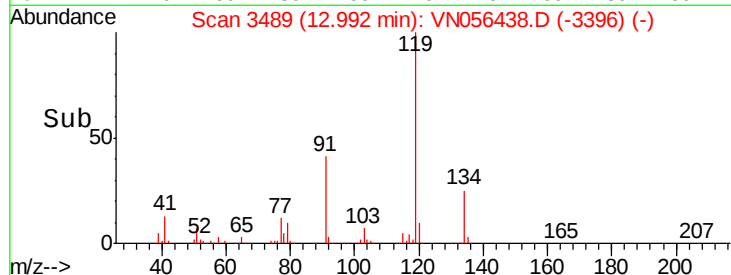
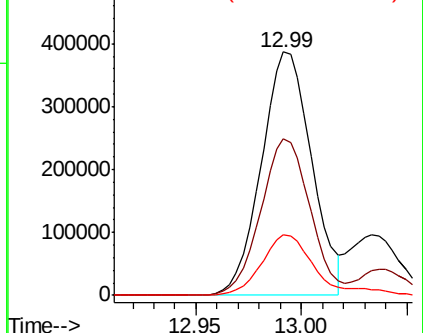
#83
 tert-Butylbenzene
 Concen: 55.717 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 642769
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.6 94.7
 134 26.6 13.2 39.5

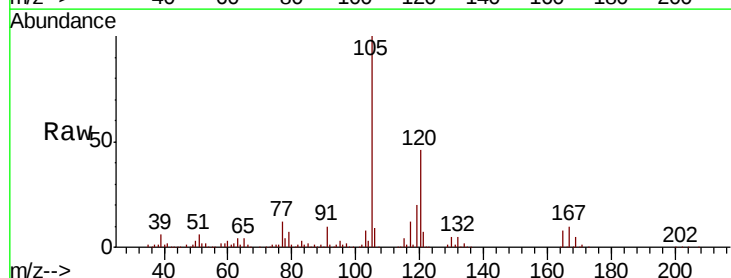


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

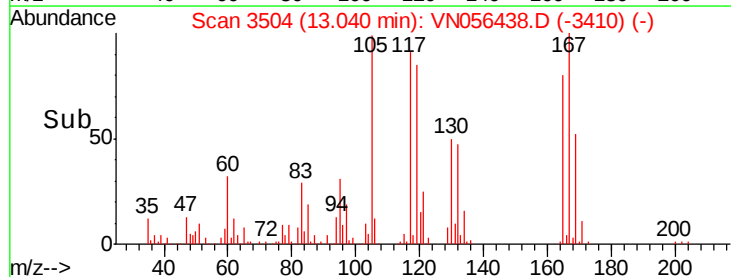
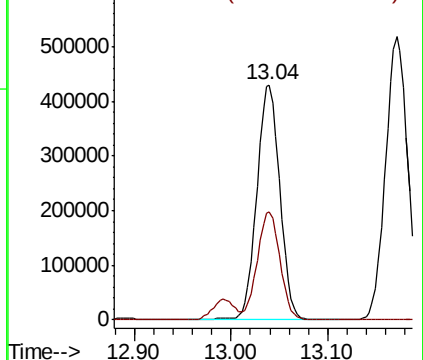


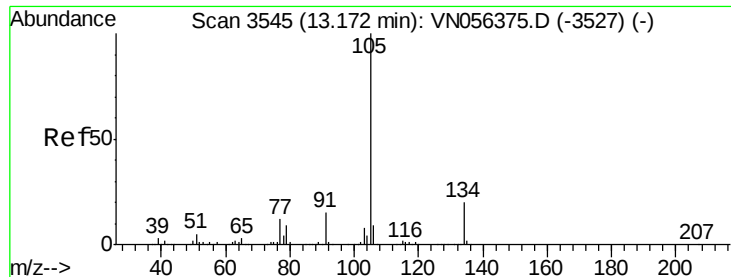
#84
 1,2,4-Trimethylbenzene
 Concen: 49.678 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion:105 Resp: 707534
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.8



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

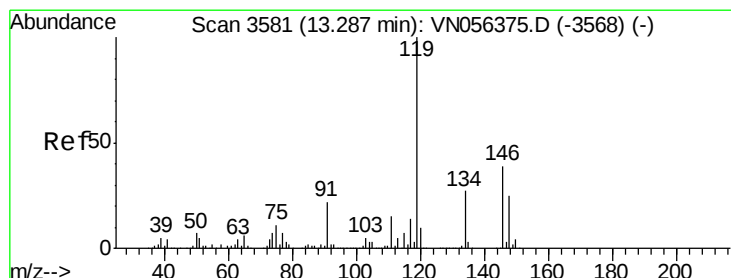
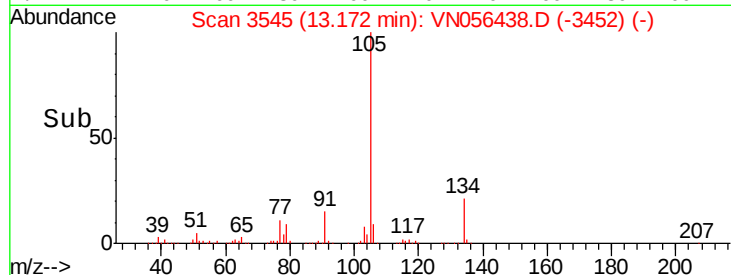
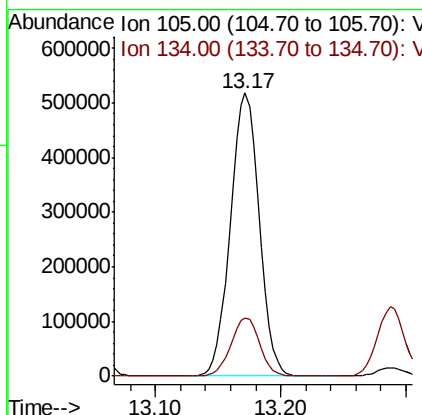
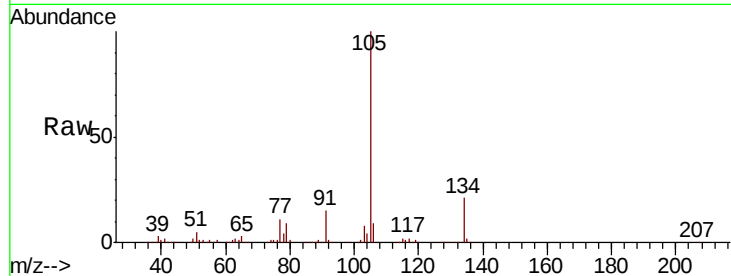




#85
 sec-Butylbenzene
 Concen: 48.352 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

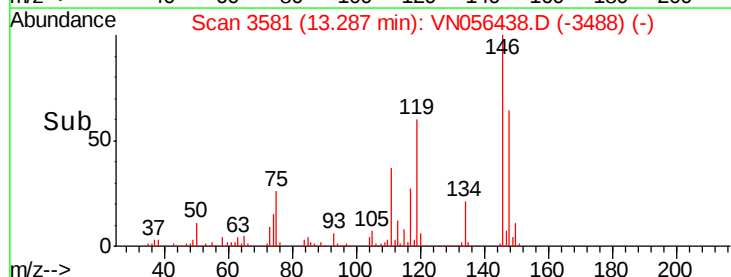
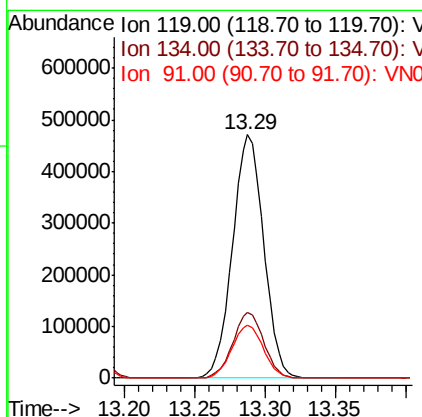
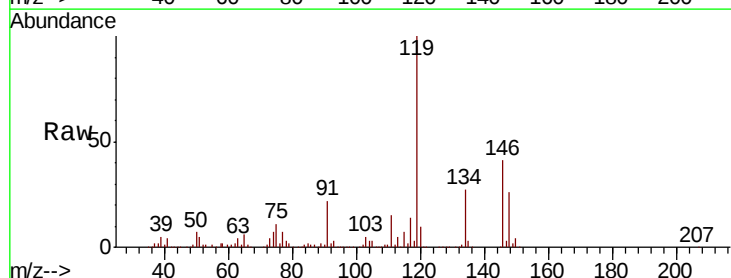
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

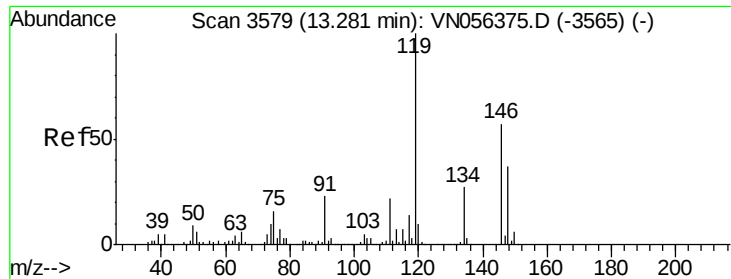
Tot Ion:105 Resp: 823373
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.782 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion:119 Resp: 727532
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 50.208 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

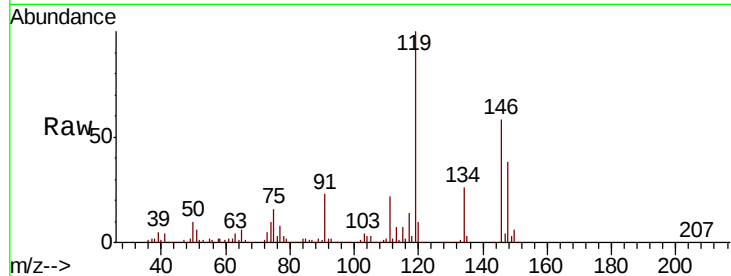
Tot Ion:146 Resp: 359941

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.9

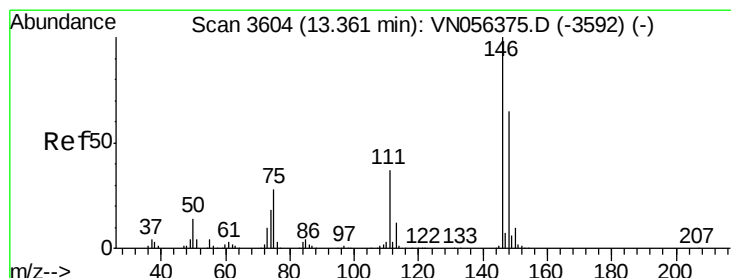
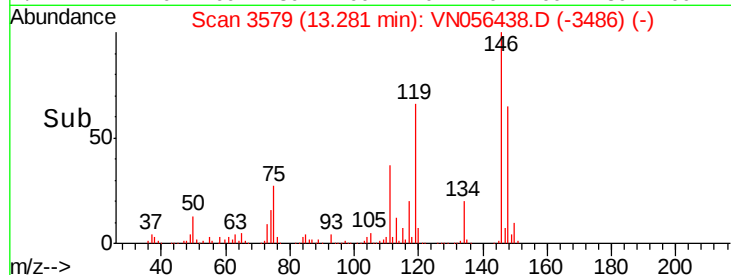
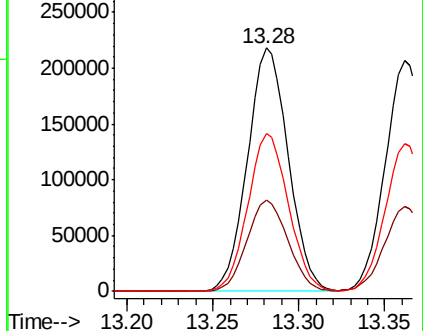
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.674 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

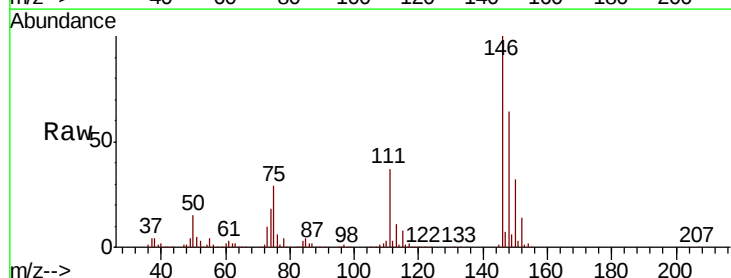
Tgt Ion:146 Resp: 344887

Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.4

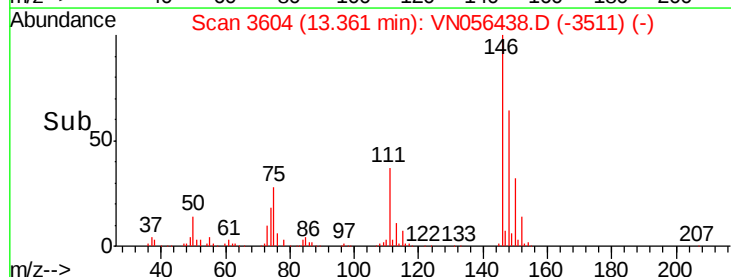
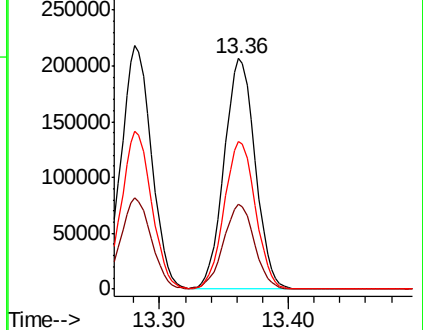
148 64.4 32.4 97.0

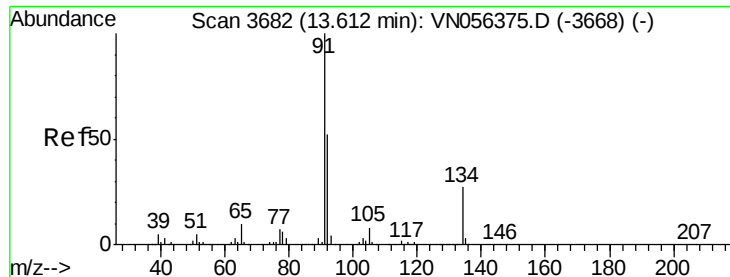


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.090 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

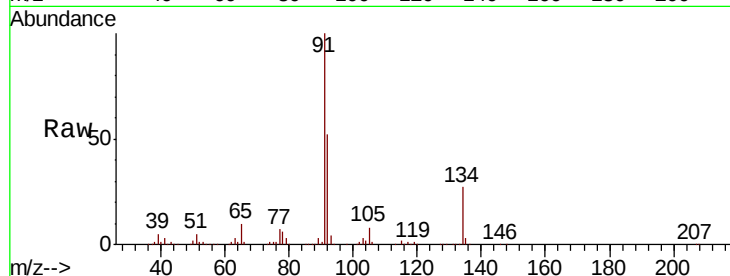
Tot Ion: 91 Resp: 543097

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

134 27.1 13.4 40.2

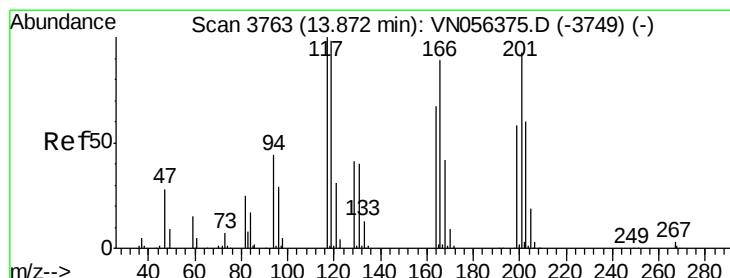
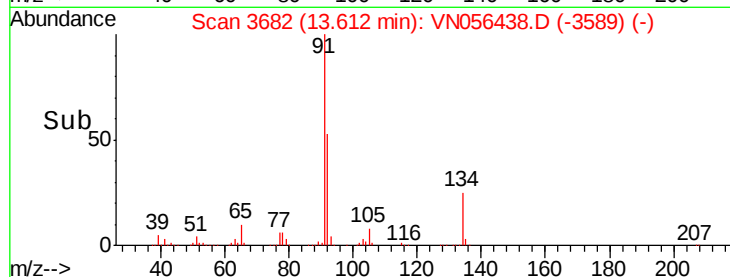


Abundance Ion 91.00 (90.70 to 91.70): VN056438.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN056438.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN056438.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 50.411 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056438.D

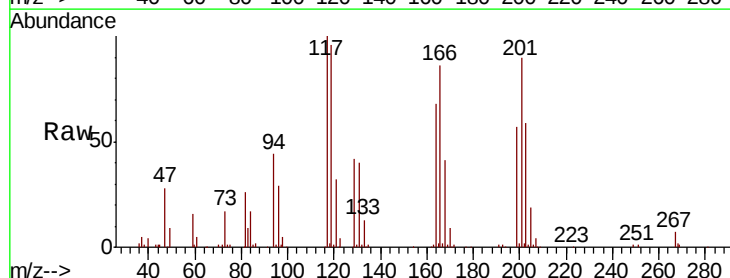
Acq: 21 Jun 2019 19:57

Tgt Ion: 117 Resp: 114857

Ion Ratio Lower Upper

117 100

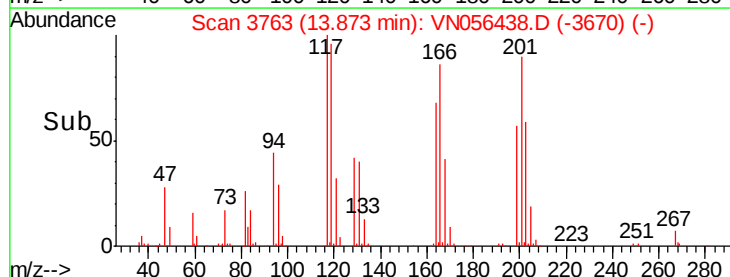
201 91.5 45.9 137.6

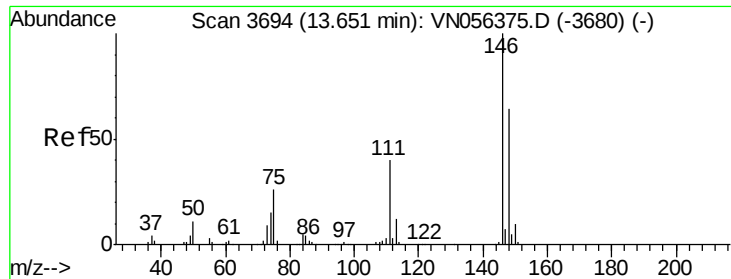


Abundance Ion 116.80 (116.50 to 117.50): VN056438.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN056438.D (-3763) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 50.282 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

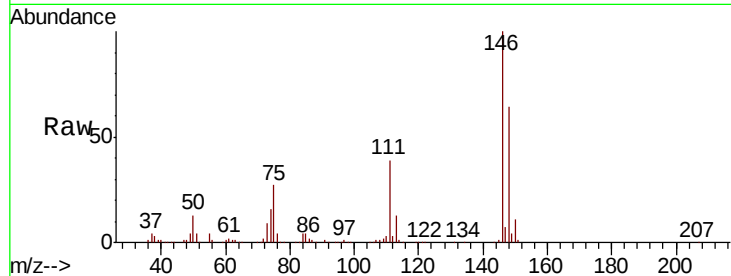
Tot Ion:146 Resp: 357645

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

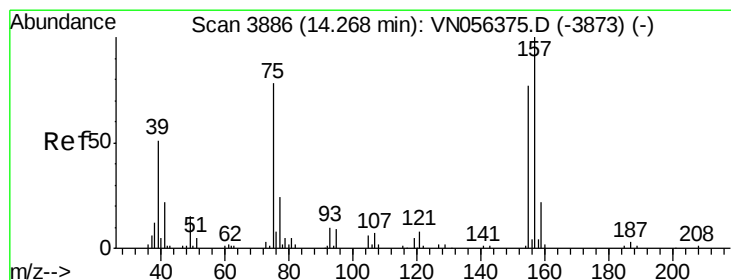
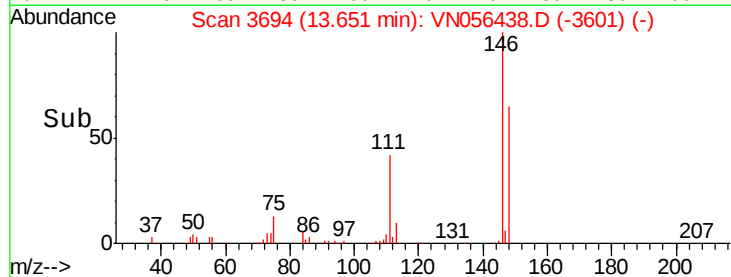
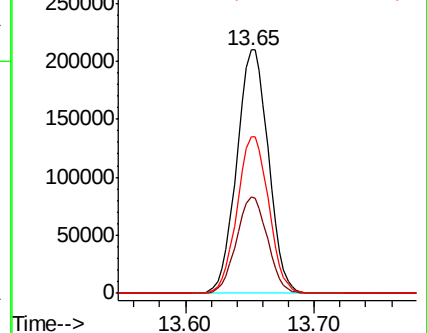
148 64.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.385 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

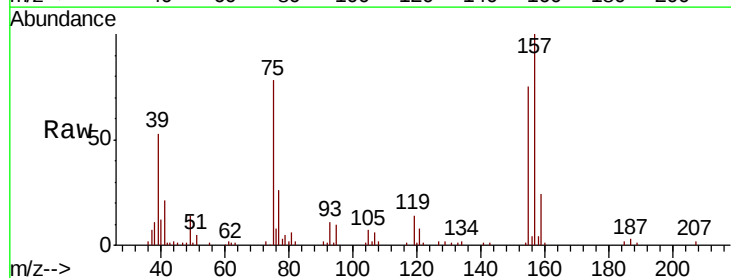
Tgt Ion: 75 Resp: 41008

Ion Ratio Lower Upper

75 100

155 99.7 48.9 146.8

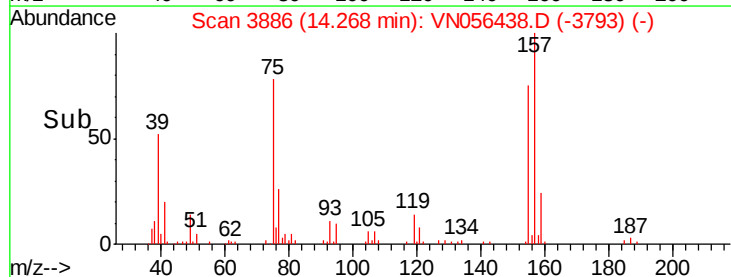
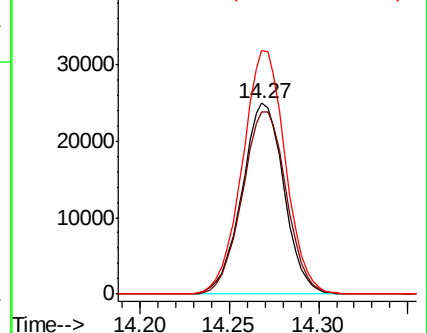
157 130.5 62.9 188.8

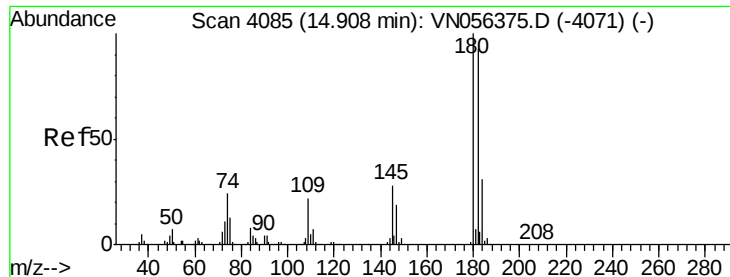


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

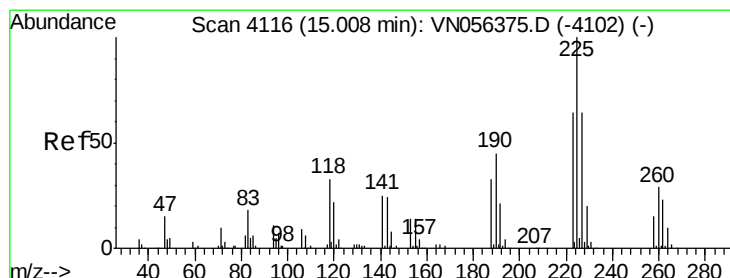
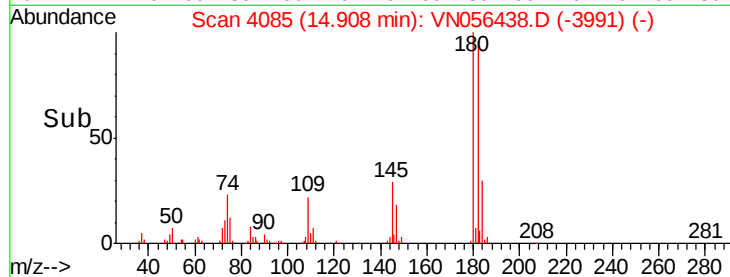
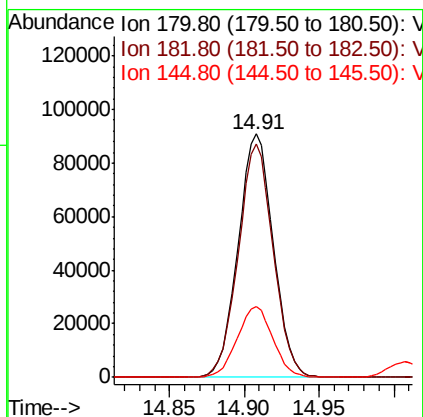
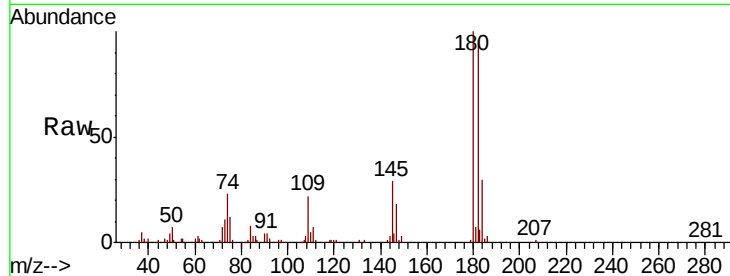




#93
 1,2,4-Trichlorobenzene
 Concen: 41.138 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

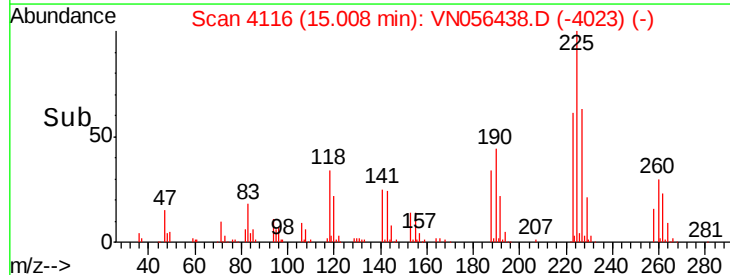
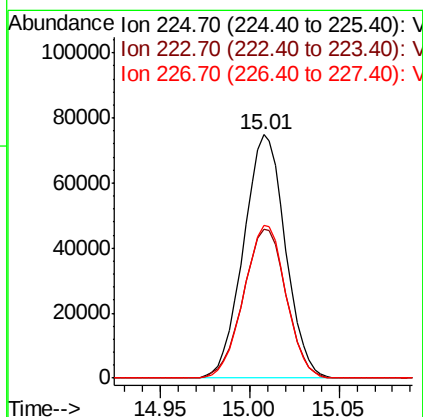
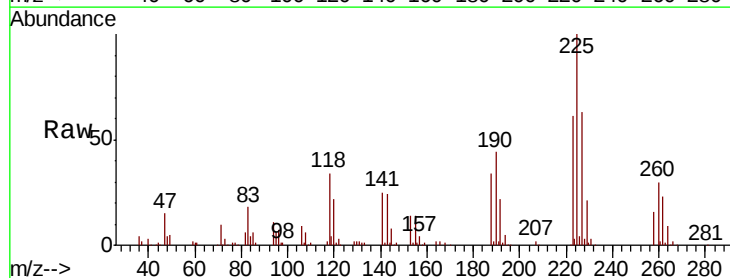
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

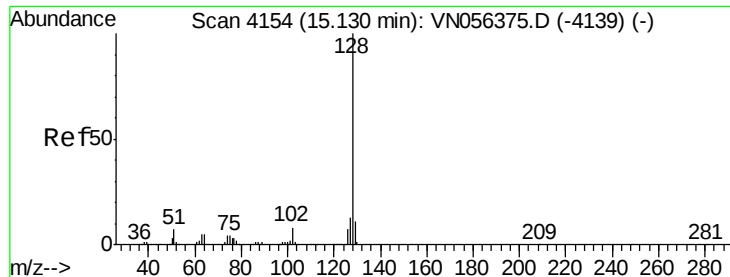
Tot Ion:180 Resp: 148225
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.9 140.6
 145 29.4 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 50.868 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056438.D
 Acq: 21 Jun 2019 19:57

Tgt Ion:225 Resp: 122535
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.3
 227 63.0 32.1 96.3





#95

Naphthalene

Concen: 44.083 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

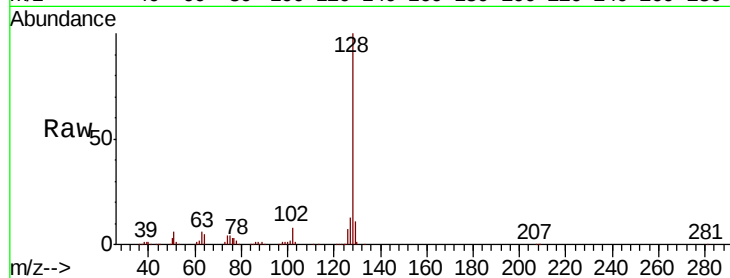
Tot Ion:128 Resp: 420031

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

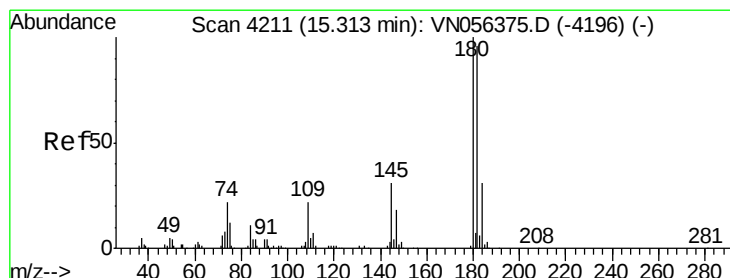
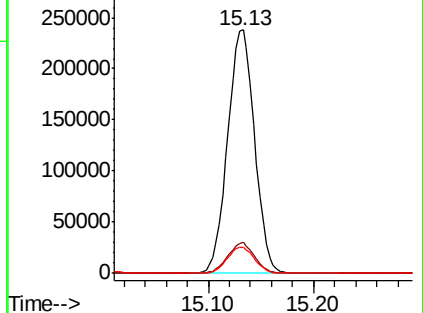
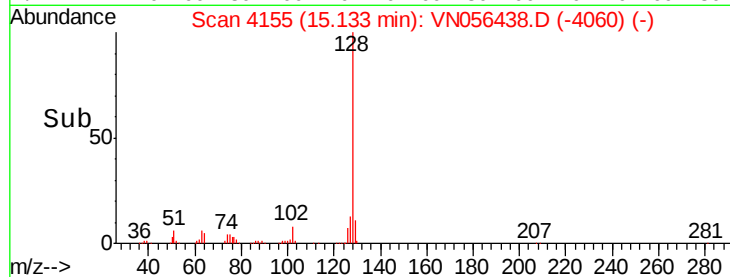
129 10.9 8.6 12.8



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: 44.521 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056438.D

Acq: 21 Jun 2019 19:57

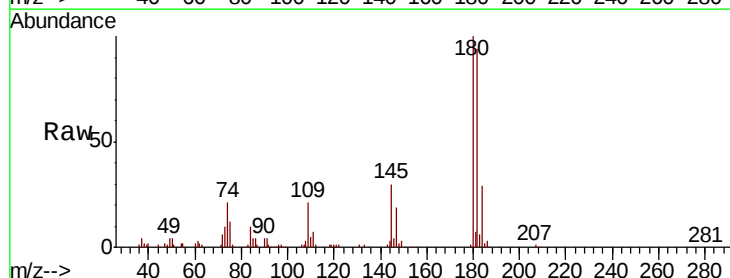
Tgt Ion:180 Resp: 168802

Ion Ratio Lower Upper

180 100

182 94.0 48.3 144.8

145 29.7 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

