

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056378.D
 Acq On : 19 Jun 2019 11:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN061919

Quant Time: Jun 20 04:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 04:41:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	390060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	593123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223864	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	207008	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
35) Dibromofluoromethane	7.59	113	181805	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
50) Toluene-d8	10.09	98	697520	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	241196	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	159661	48.341	ug/l	99
3) Chloromethane	2.06	50	207895	46.228	ug/l	100
4) Vinyl Chloride	2.18	62	203364	46.820	ug/l	100
5) Bromomethane	2.53	94	126774	49.786	ug/l	99
6) Chloroethane	2.68	64	117077	46.544	ug/l	99
7) Trichlorofluoromethane	3.00	101	259763	46.232	ug/l	100
8) Diethyl Ether	3.41	74	109587	46.085	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	166698	46.524	ug/l	100
10) Methyl Iodide	3.95	142	216417	44.689	ug/l	99
11) Tert butyl alcohol	4.80	59	179319	246.278	ug/l	100
12) 1,1-Dichloroethene	3.73	96	163401	47.421	ug/l	99
13) Acrolein	3.61	56	139520	227.354	ug/l	99
14) Allyl chloride	4.32	41	279213	48.678	ug/l	99
15) Acrylonitrile	4.99	53	477841	237.221	ug/l	99
16) Acetone	3.82	43	493025	227.628	ug/l	99
17) Carbon Disulfide	4.05	76	395399	50.451	ug/l	99
18) Methyl Acetate	4.32	43	197026	46.382	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	537626	47.153	ug/l	98
20) Methylene Chloride	4.55	84	191388	46.817	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	177169	47.688	ug/l	96
22) Diisopropyl ether	5.95	45	563044	46.741	ug/l	95
23) Vinyl Acetate	5.90	43	2402978	252.914	ug/l	99
24) 1,1-Dichloroethane	5.85	63	326660	47.240	ug/l	99
25) 2-Butanone	6.84	43	674084	235.150	ug/l	97
26) 2,2-Dichloropropane	6.82	77	234640	48.789	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	210644	48.464	ug/l	99
28) Bromochloromethane	7.19	49	163729	47.870	ug/l	99
29) Tetrahydrofuran	7.21	42	417461	238.305	ug/l	99
30) Chloroform	7.37	83	316790	46.428	ug/l	97
31) Cyclohexane	7.65	56	303919	45.526	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	259084	47.903	ug/l	100
36) 1,1-Dichloropropene	7.79	75	244559	46.845	ug/l	99
37) Ethyl Acetate	6.93	43	250171	48.762	ug/l	98
38) Carbon Tetrachloride	7.77	117	221311	48.477	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056378.D
 Acq On : 19 Jun 2019 11:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

Quant Time: Jun 20 04:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 04:41:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	307721	47.770	ug/l	98
40) Benzene	8.04	78	751105	46.773	ug/l	99
41) Methacrylonitrile	7.17	41	111611	49.266	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	243387	45.926	ug/l	99
43) Isopropyl Acetate	8.17	43	391669	49.509	ug/l #	92
44) Trichloroethene	8.83	130	204301	47.229	ug/l	99
45) 1,2-Dichloropropane	9.12	63	201817	46.993	ug/l	98
46) Dibromomethane	9.21	93	129167	48.073	ug/l	99
47) Bromodichloromethane	9.40	83	236614	49.653	ug/l	99
48) Methyl methacrylate	9.20	41	187717	47.351	ug/l	100
49) 1,4-Dioxane	9.20	88	75470	917.254	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1253774	245.547	ug/l	99
52) Toluene	10.16	92	460576	46.913	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	255233	46.218	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	295118	51.427	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	188414	47.744	ug/l	98
56) Ethyl methacrylate	10.43	69	289854	50.259	ug/l	99
57) 1,3-Dichloropropane	10.71	76	314712	47.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	456547	220.352	ug/l	100
59) 2-Hexanone	10.75	43	907102	241.715	ug/l	99
60) Dibromochloromethane	10.90	129	187086	46.307	ug/l	99
61) 1,2-Dibromoethane	11.00	107	196534	48.761	ug/l	99
64) Tetrachloroethene	10.63	164	190728	45.684	ug/l	99
65) Chlorobenzene	11.43	112	498469	47.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	177170	49.485	ug/l	99
67) Ethyl Benzene	11.51	91	883050	47.476	ug/l	100
68) m/p-Xylenes	11.62	106	661145	96.991	ug/l	99
69) o-Xylene	11.95	106	324444	48.110	ug/l	99
70) Styrene	11.96	104	545644	50.619	ug/l	99
71) Bromoform	12.13	173	130389	45.449	ug/l #	100
73) Isopropylbenzene	12.25	105	860698	51.256	ug/l	100
74) N-amyl acetate	12.07	43	328195	46.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	267214	51.421	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	313209	67.475	ug/l #	100
77) Bromobenzene	12.53	156	225703	45.090	ug/l	100
78) n-propylbenzene	12.59	91	942818	45.990	ug/l	100
79) 2-Chlorotoluene	12.67	91	569698	50.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	712195	50.577	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66050	50.573	ug/l	94
82) 4-Chlorotoluene	12.77	91	557804	46.083	ug/l	100
83) tert-Butylbenzene	12.99	119	625745	51.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	698733	46.364	ug/l	100
85) sec-Butylbenzene	13.17	105	822495	45.647	ug/l	100
86) p-Isopropyltoluene	13.29	119	728627	47.118	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	363677	47.942	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	349849	47.622	ug/l	100
89) n-Butylbenzene	13.61	91	570441	48.729	ug/l	100
90) Hexachloroethane	13.87	117	114162	47.353	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	361029	47.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41521	50.126	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
Data File : VN056378.D
Acq On : 19 Jun 2019 11:12
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Quant Time: Jun 20 04:47:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 04:41:37 2019
Response via : Initial Calibration

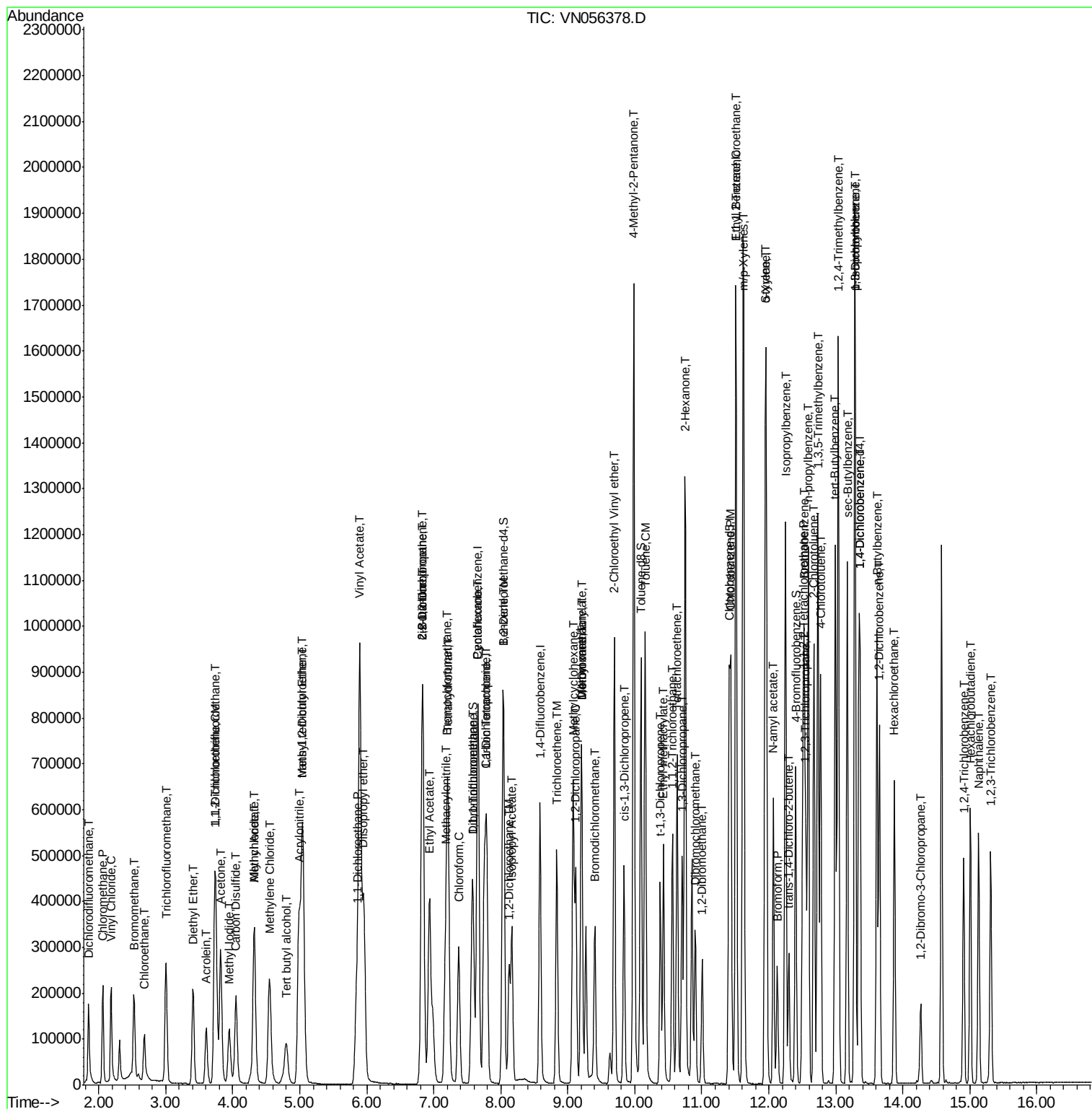
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	170807	44.301	ug/l	97
94) Hexachlorobutadiene	15.01	225	130561	51.236	ug/l	98
95) Naphthalene	15.13	128	489963	48.060	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	194756	48.140	ug/l	98

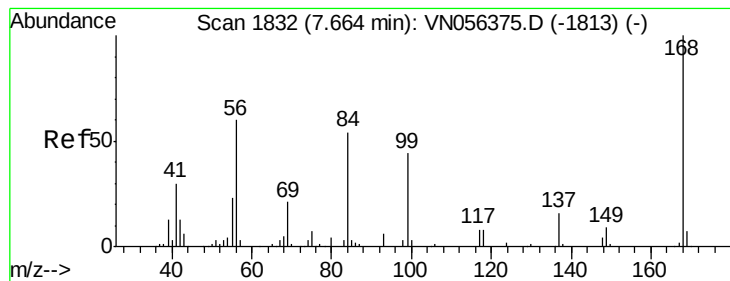
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061919\
Data File : VN056378.D
Acq On : 19 Jun 2019 11:12
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Quant Time: Jun 20 04:47:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 04:41:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

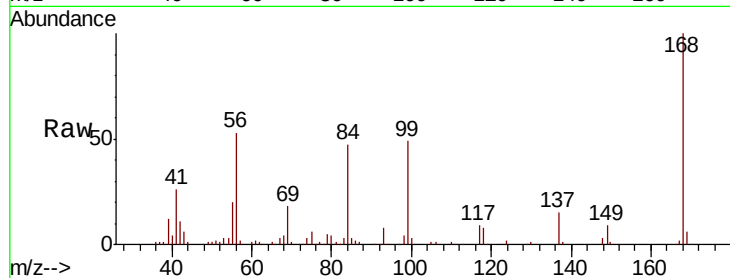
ICVVN061919

Tot Ion:168 Resp: 390060

Ion Ratio Lower Upper

168 100

99 49.1 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

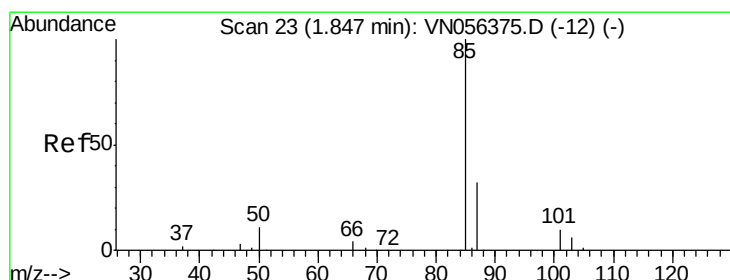
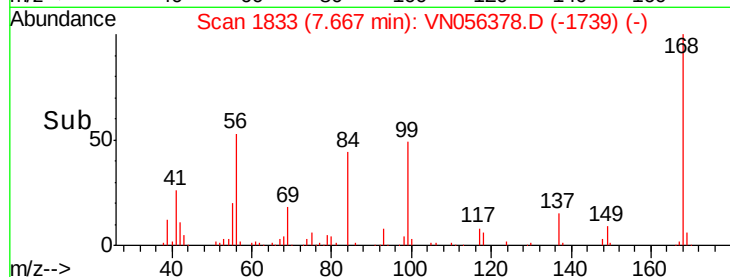
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 48.341 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056378.D

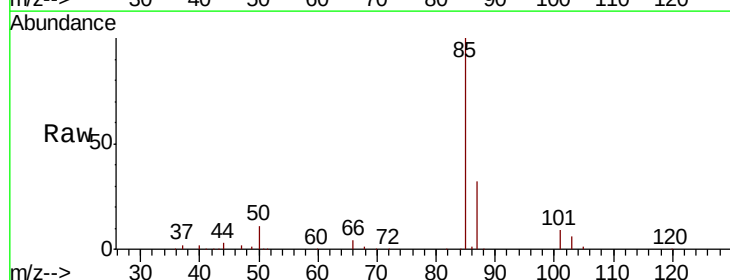
Acq: 19 Jun 2019 11:12

Tgt Ion: 85 Resp: 159661

Ion Ratio Lower Upper

85 100

87 31.7 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

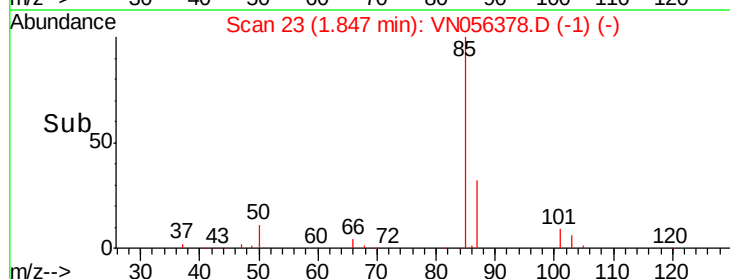
60000

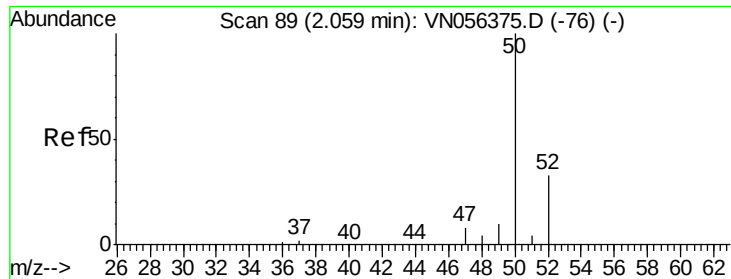
40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 46.228 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

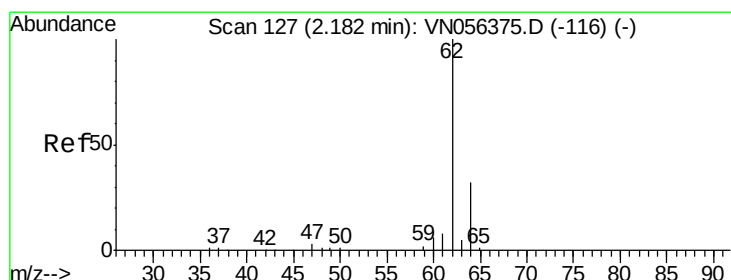
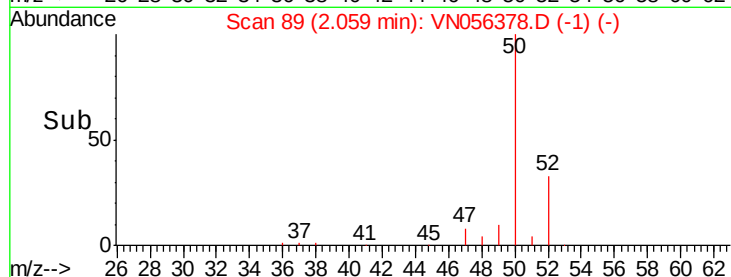
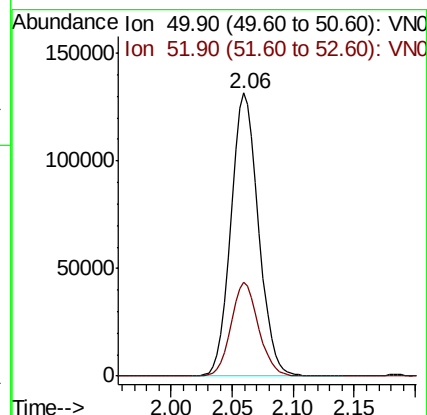
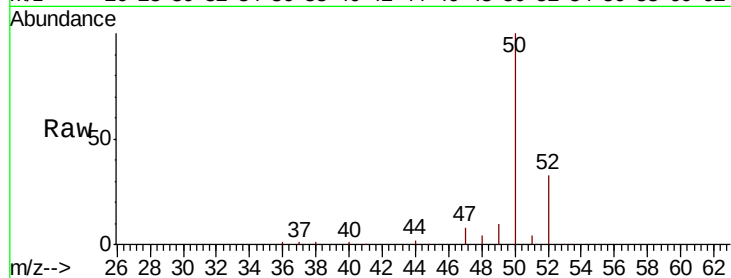
ICVFN061919

Tot Ion: 50 Resp: 207895

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 46.820 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056378.D

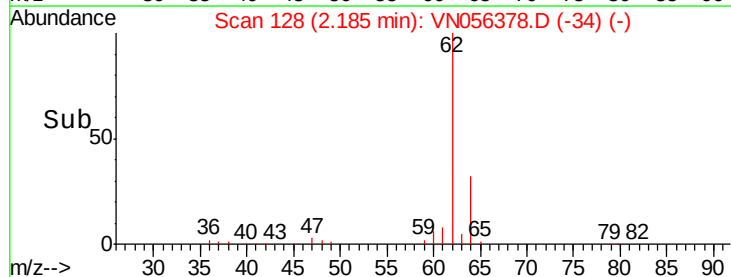
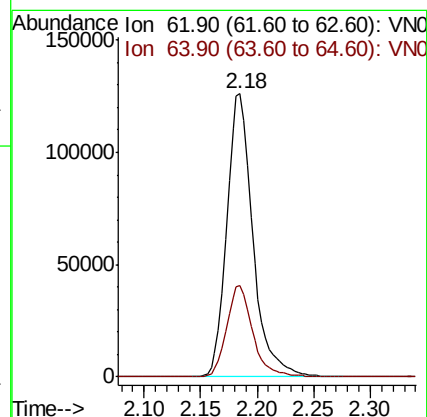
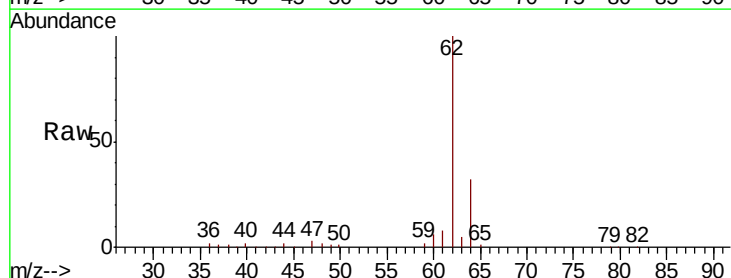
Acq: 19 Jun 2019 11:12

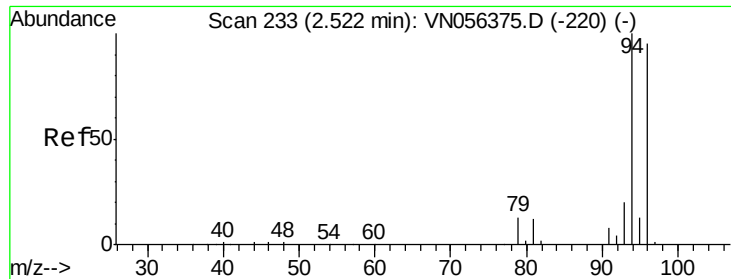
Tgt Ion: 62 Resp: 203364

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5

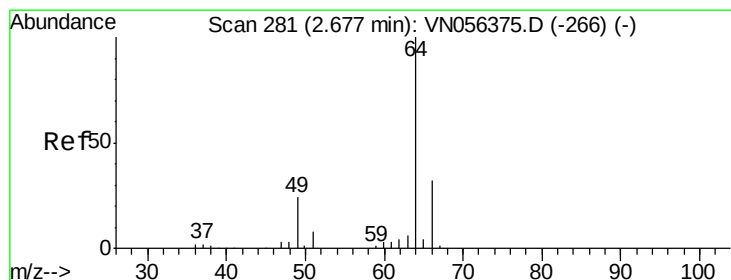
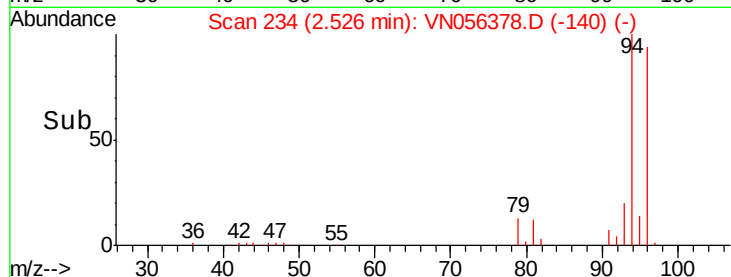
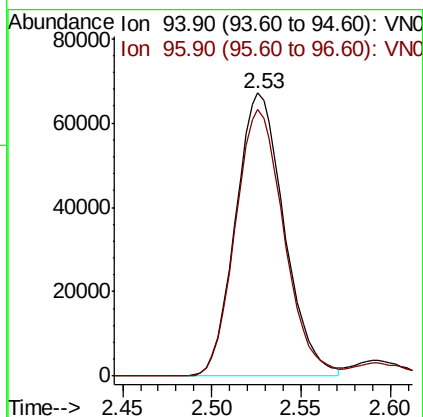
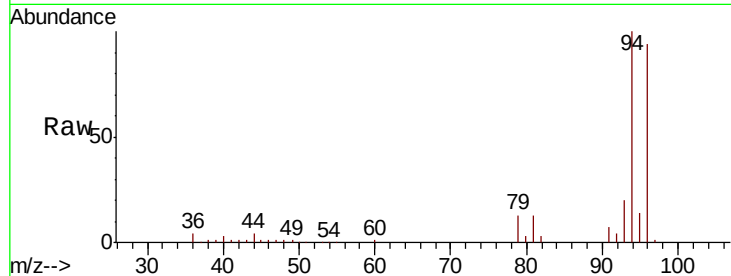




#5
Bromomethane
Concen: 49.786 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

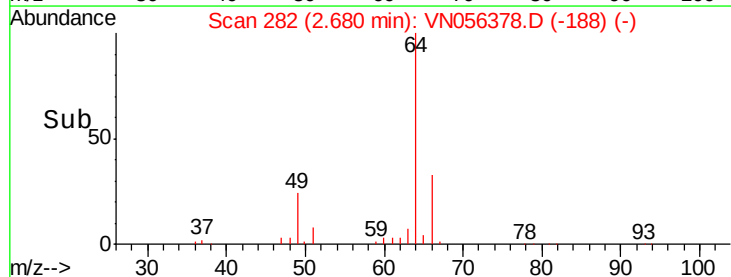
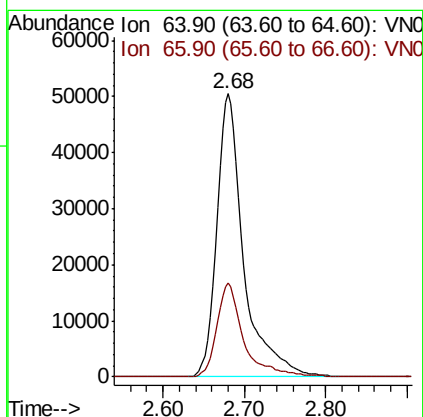
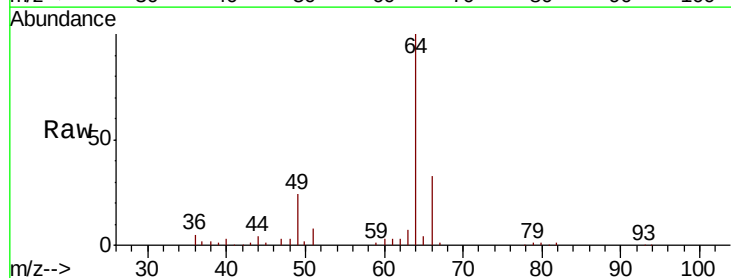
Instrument :
MSVOA_N
ClientSampleId :
ICVFN061919

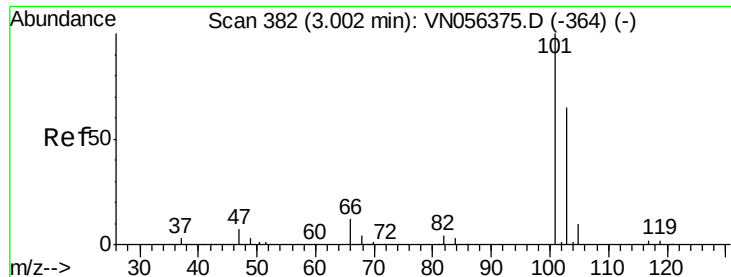
Tot Ion: 94 Resp: 126774
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0



#6
Chloroethane
Concen: 46.544 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 64 Resp: 117077
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.8



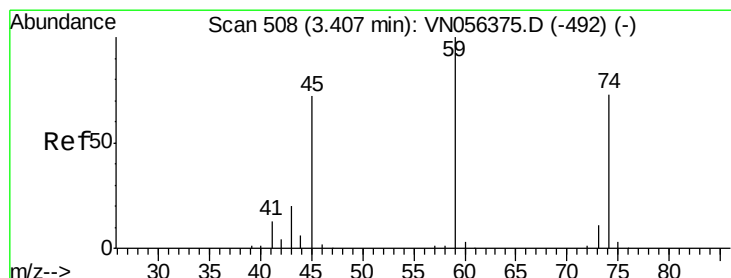
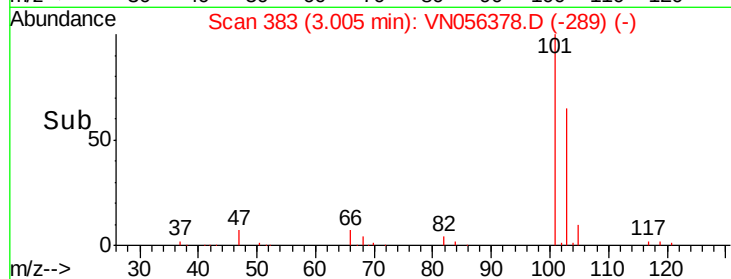
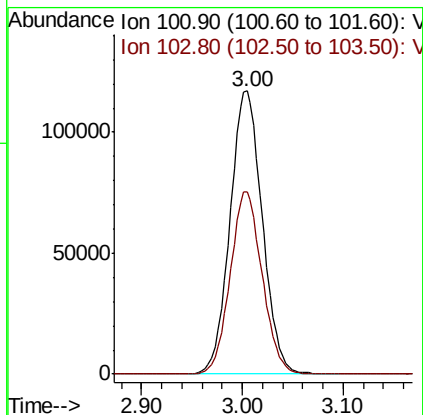
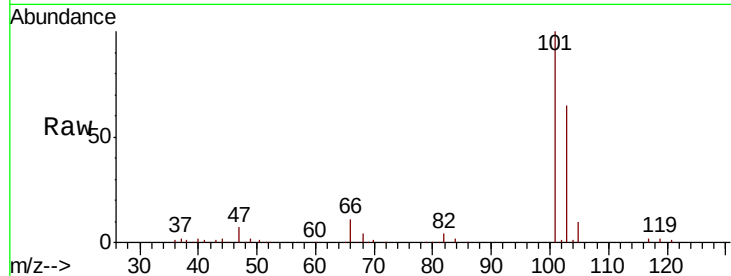


#7

Trichlorofluoromethane
 Concen: 46.232 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

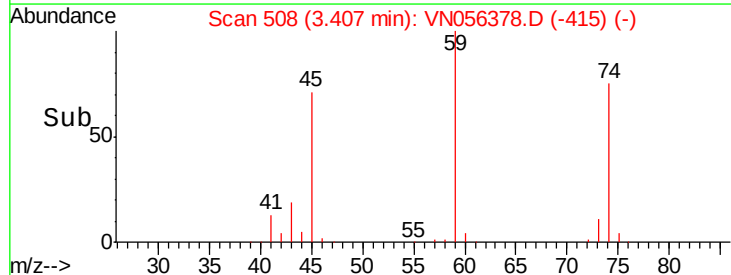
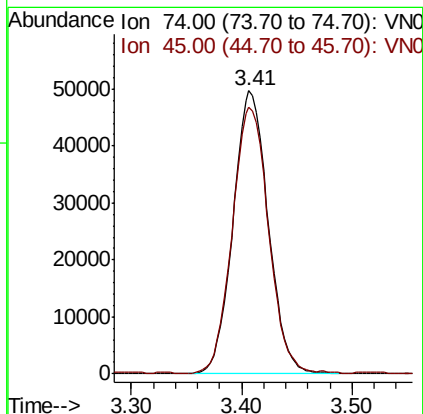
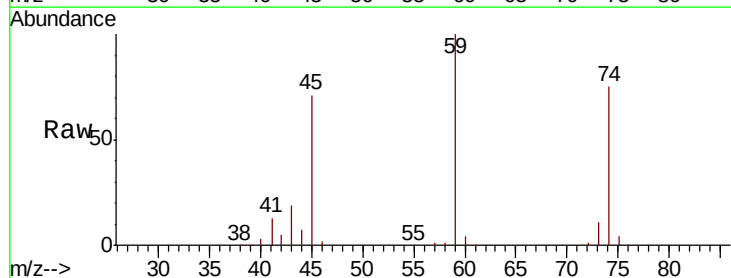
Tot Ion:101 Resp: 259763
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

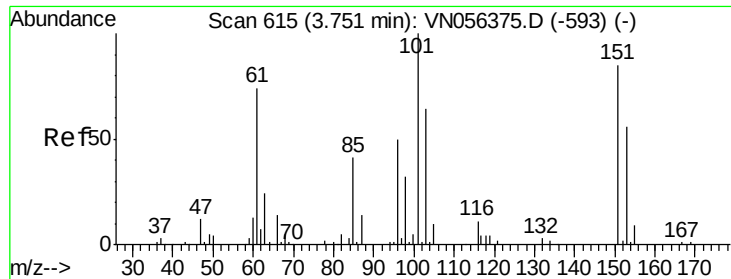


#8

Diethyl Ether
 Concen: 46.085 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion: 74 Resp: 109587
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.524 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

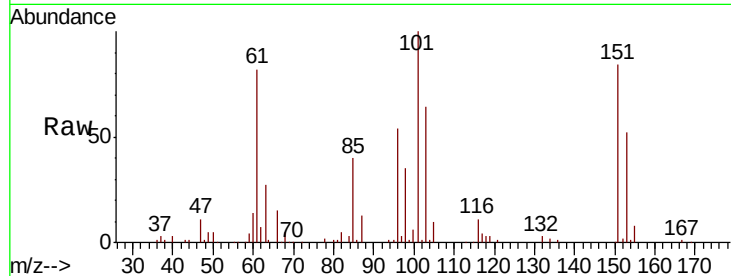
Tot Ion:101 Resp: 166698

Ion Ratio Lower Upper

101 100

85 40.8 32.7 49.1

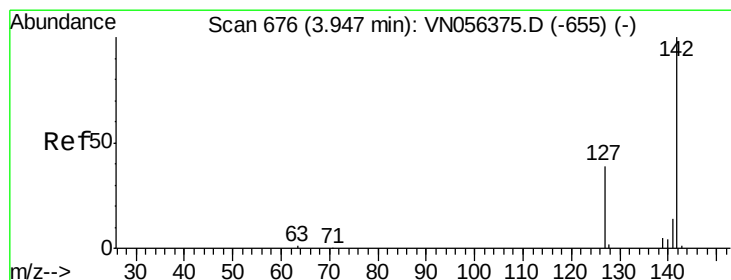
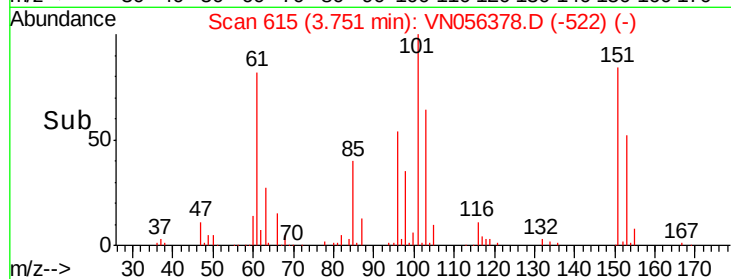
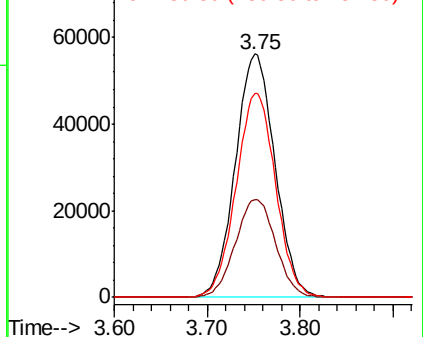
151 83.7 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.689 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

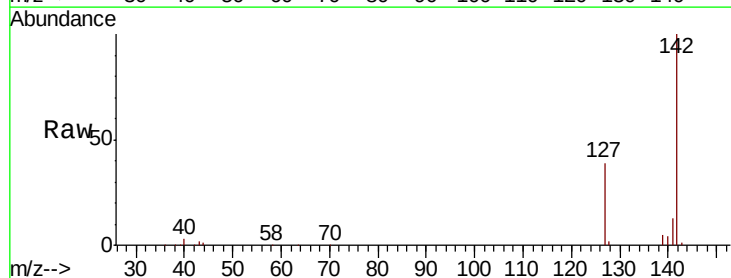
Tgt Ion:142 Resp: 216417

Ion Ratio Lower Upper

142 100

127 37.8 30.6 46.0

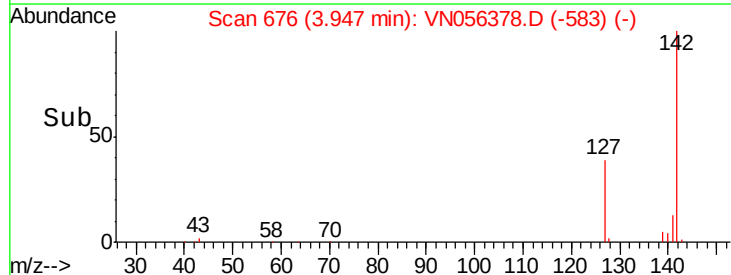
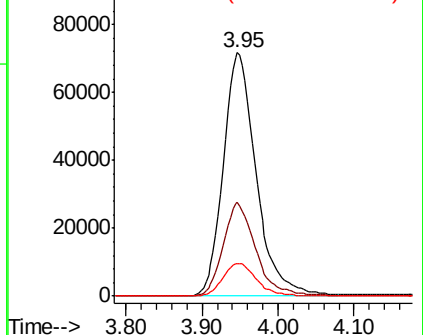
141 13.7 11.4 17.2

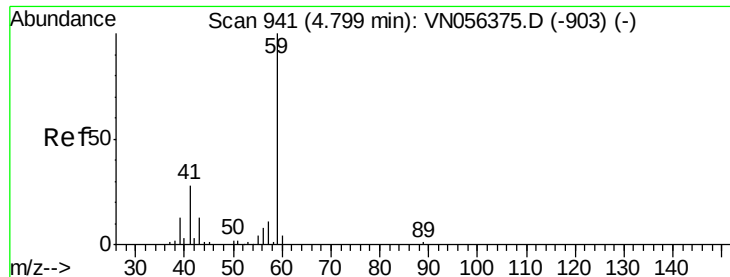


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



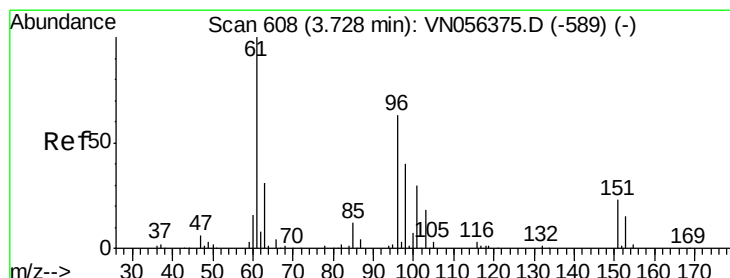
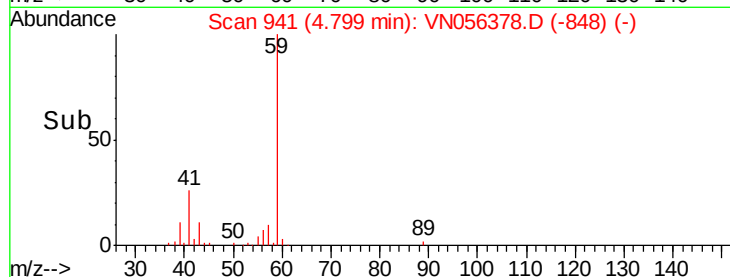
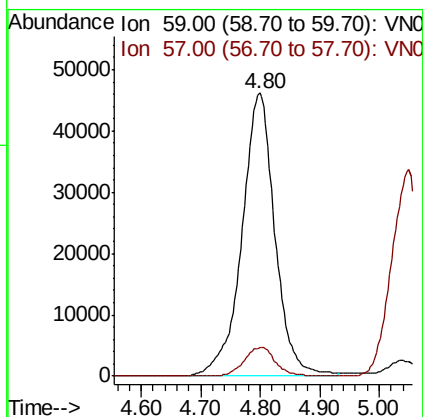
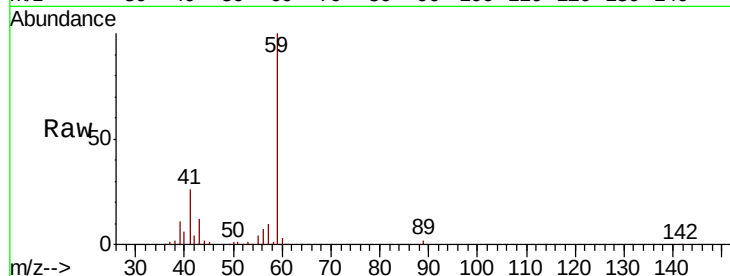


#11

Tert butyl alcohol
 Concen: 246.278 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061919

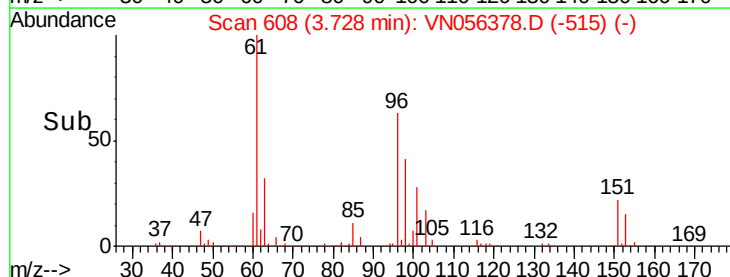
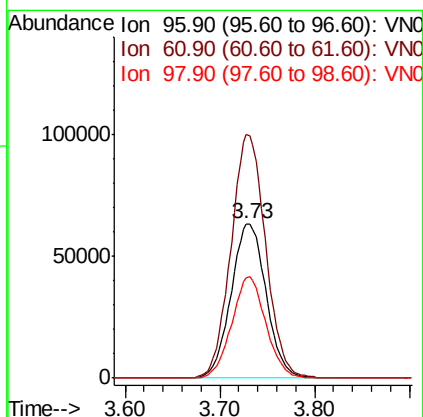
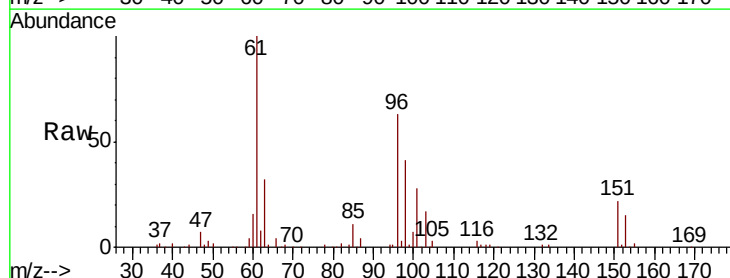
Tot Ion: 59 Resp: 179319
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.6 11.4

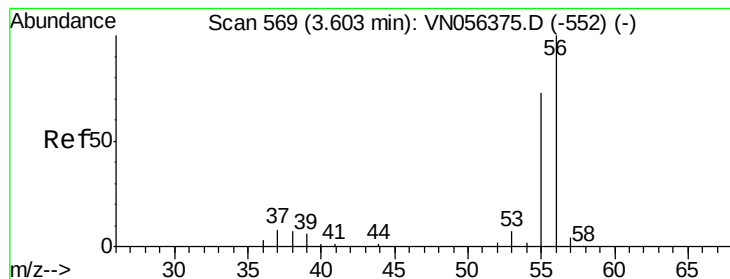


#12

1,1-Dichloroethene
 Concen: 47.421 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion: 96 Resp: 163401
 Ion Ratio Lower Upper
 96 100
 61 157.8 126.6 190.0
 98 65.3 51.1 76.7





#13

Acrolein

Concen: 227.354 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

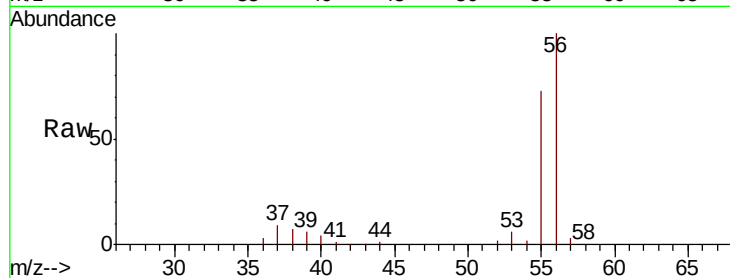
ICVVN061919

Tot Ion: 56 Resp: 139520

Ion Ratio Lower Upper

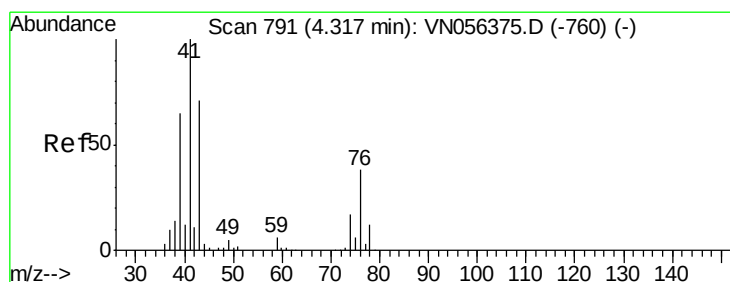
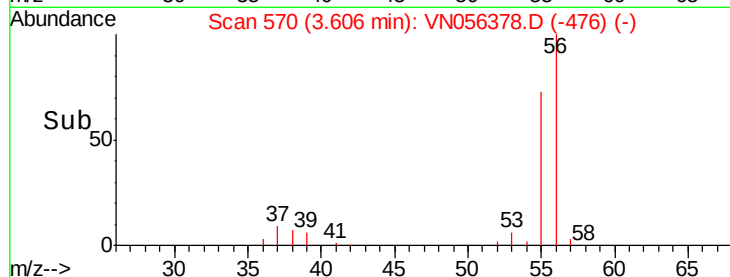
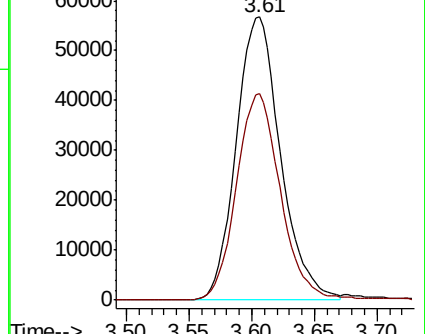
56 100

55 72.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.678 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

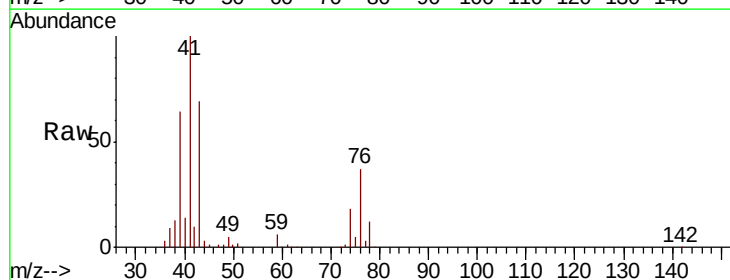
Tgt Ion: 41 Resp: 279213

Ion Ratio Lower Upper

41 100

39 60.9 48.6 73.0

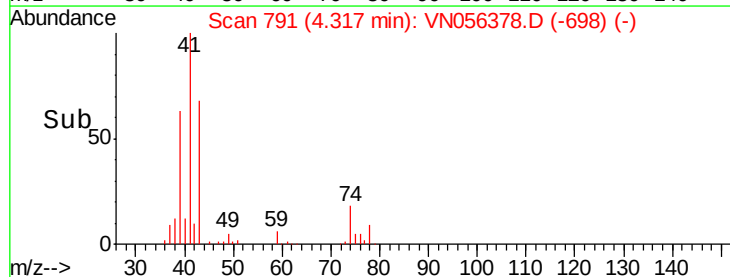
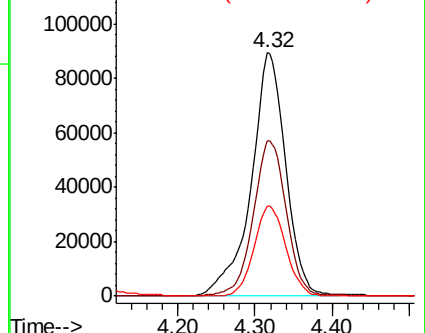
76 34.1 26.6 40.0

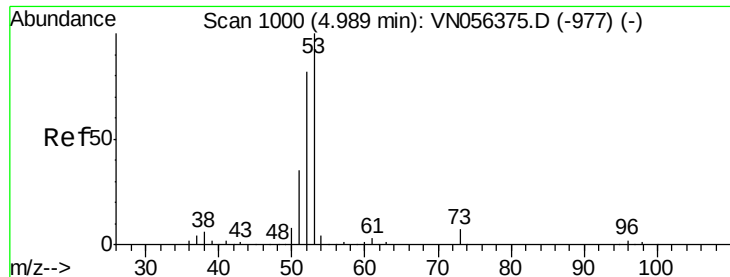


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 237.221 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

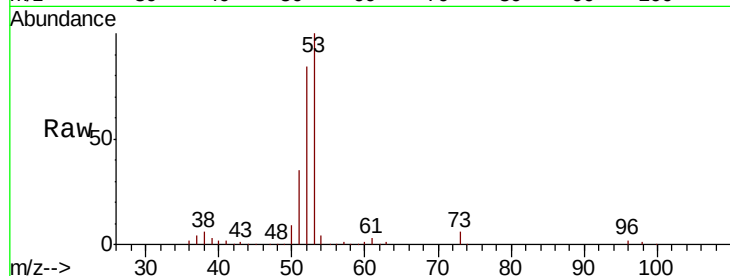
Tot Ion: 53 Resp: 477841

Ion Ratio Lower Upper

53 100

52 82.2 65.9 98.9

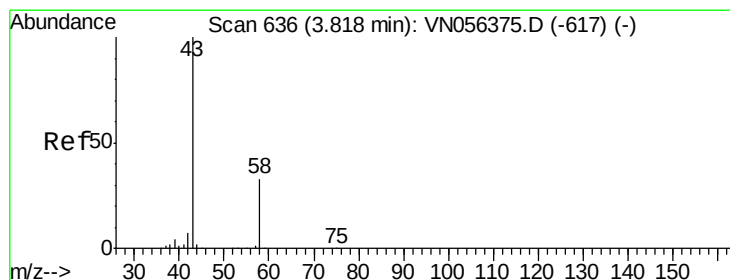
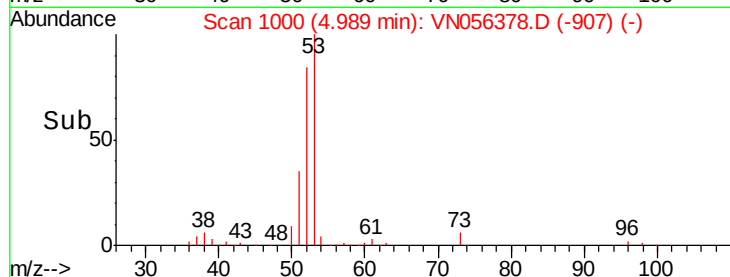
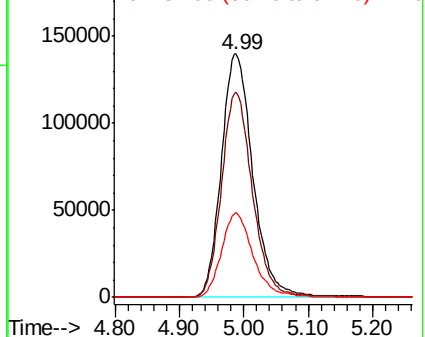
51 34.8 28.3 42.5



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: 227.628 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056378.D

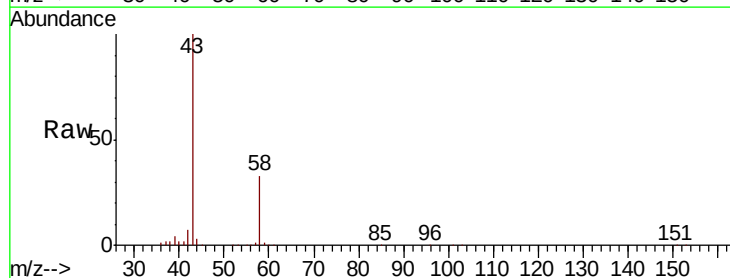
Acq: 19 Jun 2019 11:12

Tgt Ion: 43 Resp: 493025

Ion Ratio Lower Upper

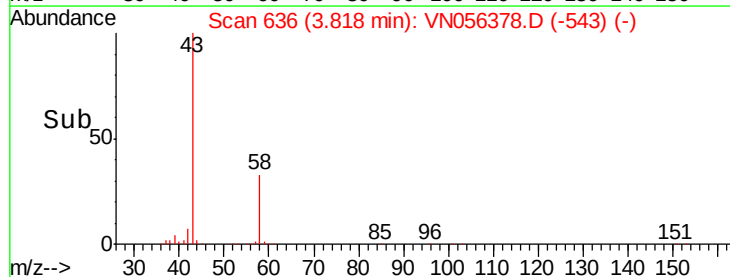
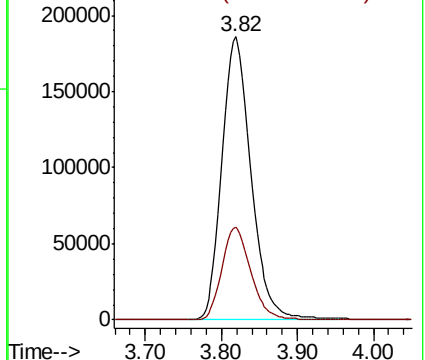
43 100

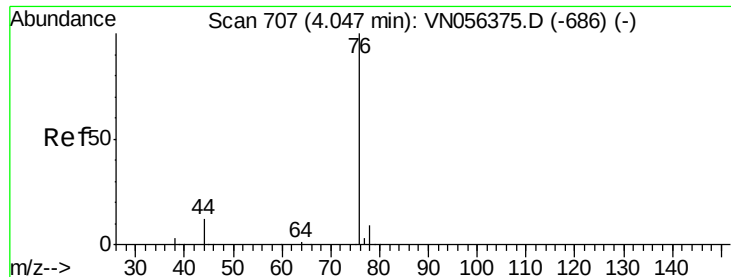
58 32.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 50.451 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

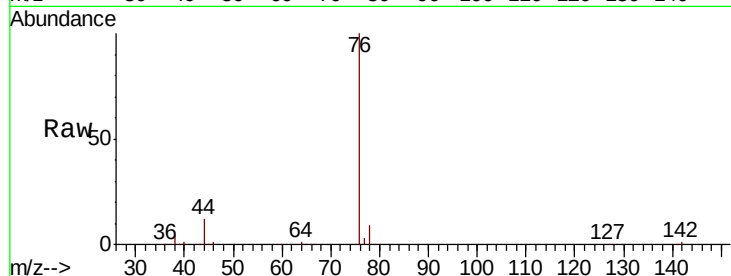
ICVFN061919

Tot Ion: 76 Resp: 395399

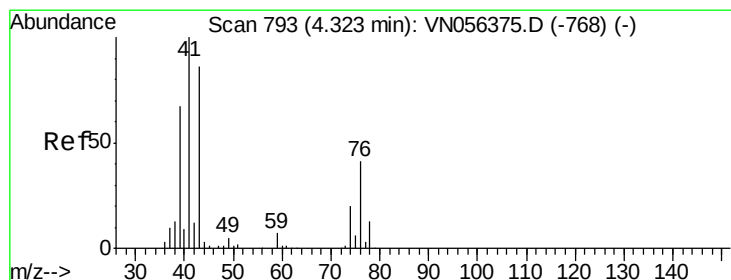
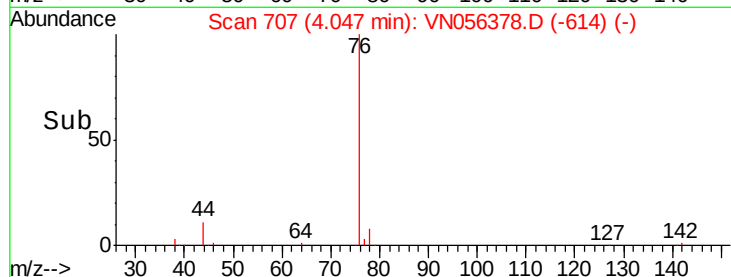
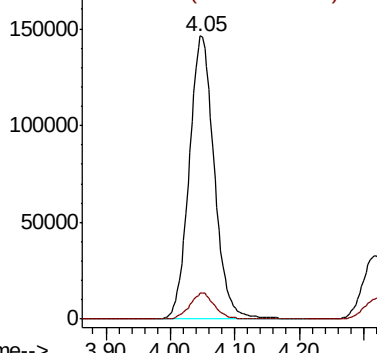
Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 46.382 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056378.D

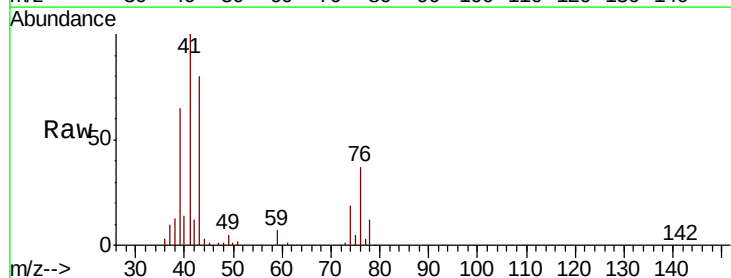
Acq: 19 Jun 2019 11:12

Tgt Ion: 43 Resp: 197026

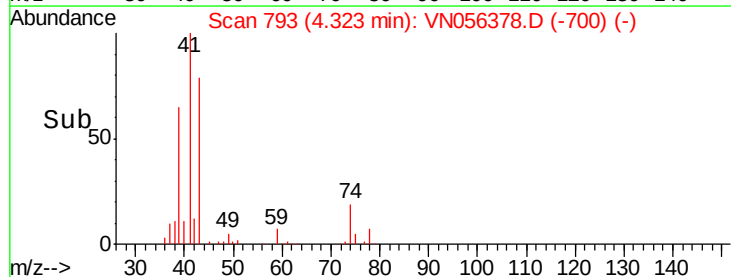
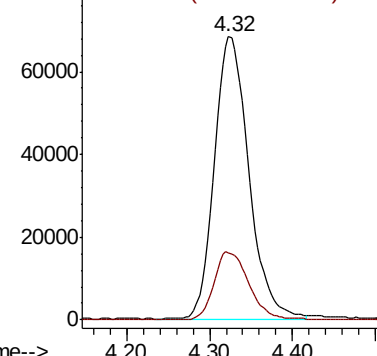
Ion Ratio Lower Upper

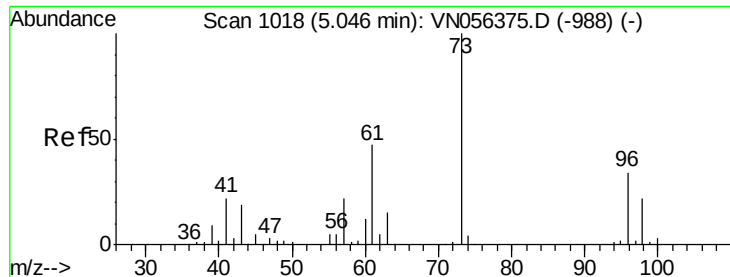
43 100

74 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

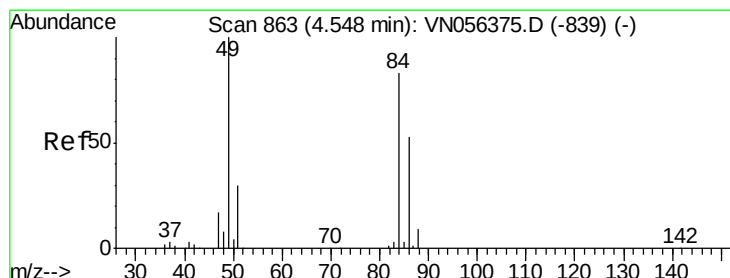
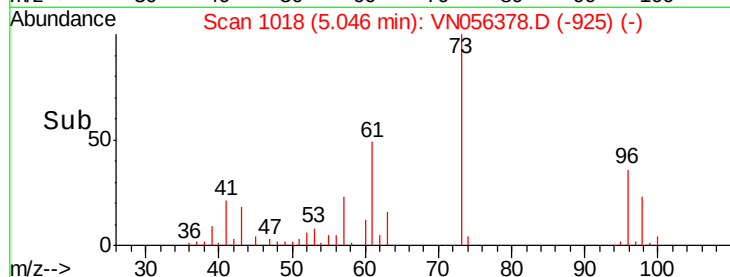
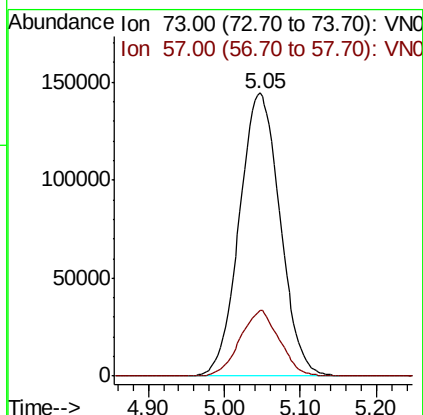
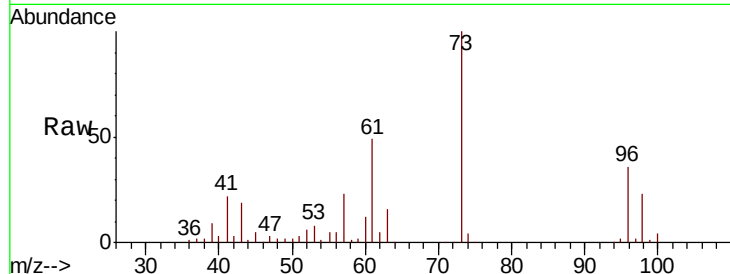




#19
Methvl tert-butvl Ether
Concen: 47.153 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

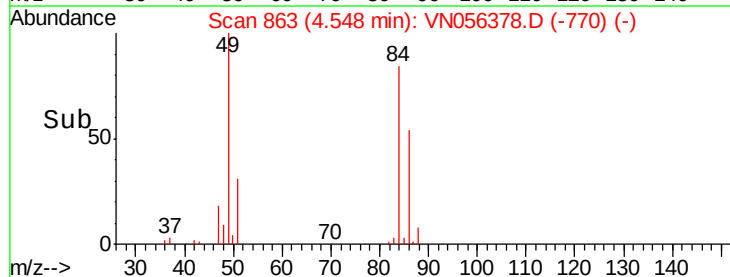
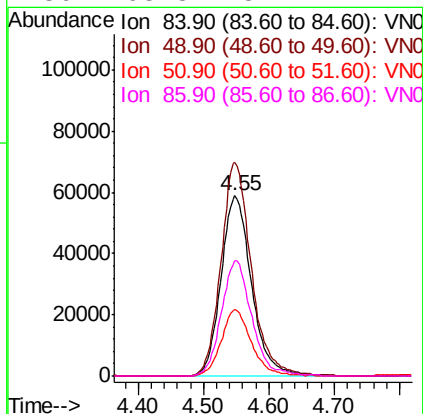
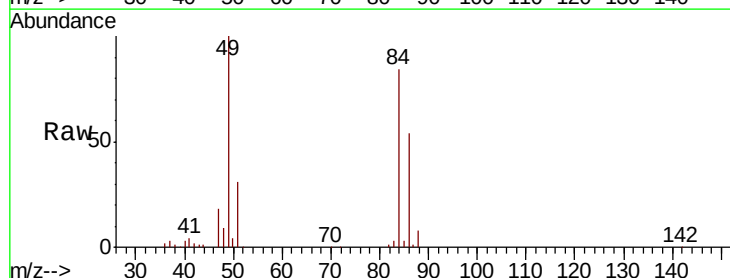
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

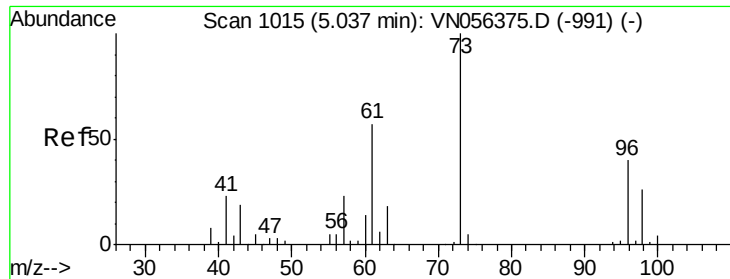
Tot Ion: 73 Resp: 537626
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9



#20
Methylene Chloride
Concen: 46.817 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 84 Resp: 191388
Ion Ratio Lower Upper
84 100
49 118.7 96.4 144.6
51 36.7 28.6 43.0
86 63.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.688 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICV061919

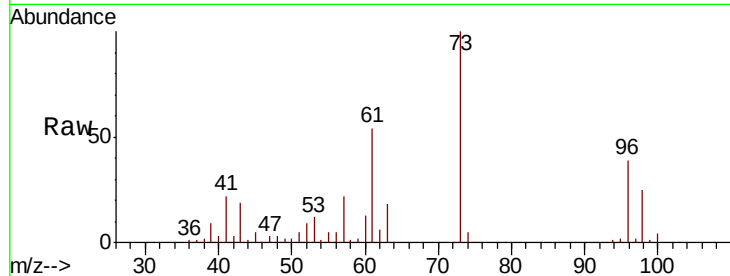
Tot Ion: 96 Resp: 177169

Ion Ratio Lower Upper

96 100

61 136.0 113.0 169.6

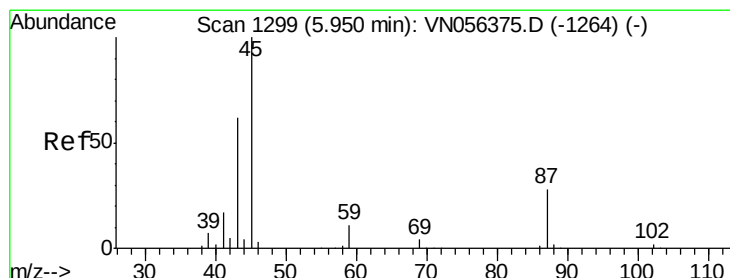
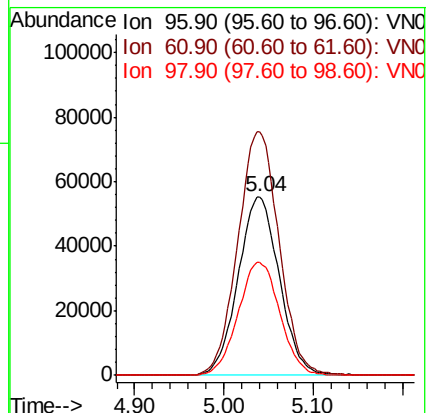
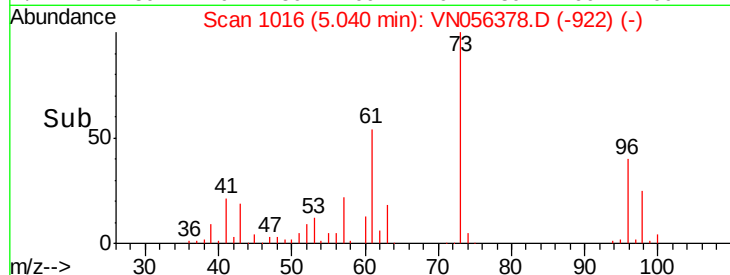
98 62.9 52.2 78.2



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



#22

Diisopropyl ether

Concen: 46.741 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion: 45 Resp: 563044

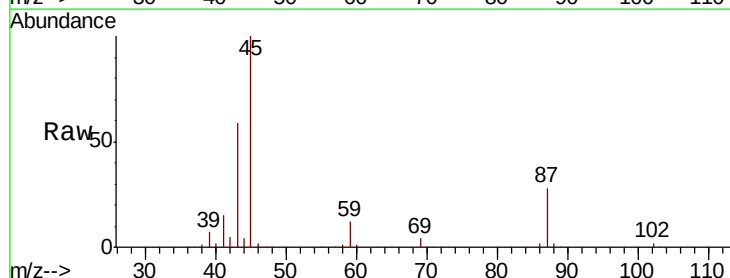
Ion Ratio Lower Upper

45 100

43 57.5 50.4 75.6

87 28.0 23.0 34.4

59 11.7 9.1 13.7

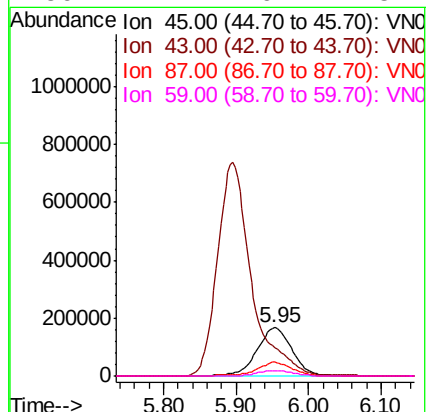
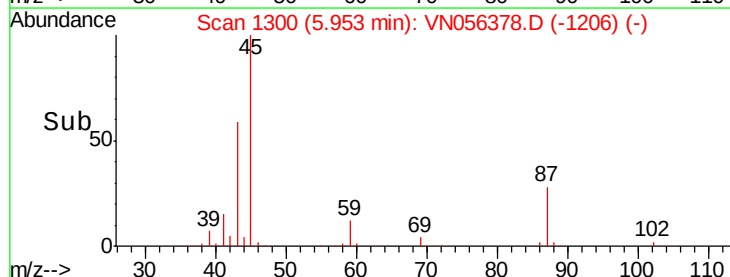


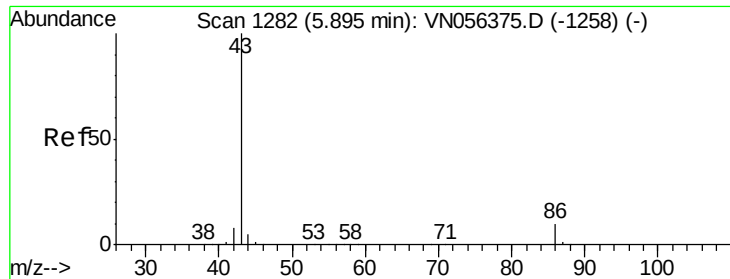
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

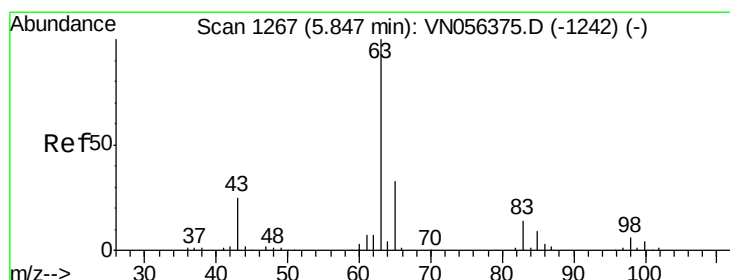
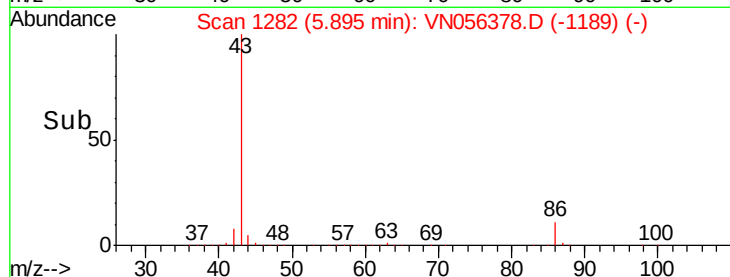
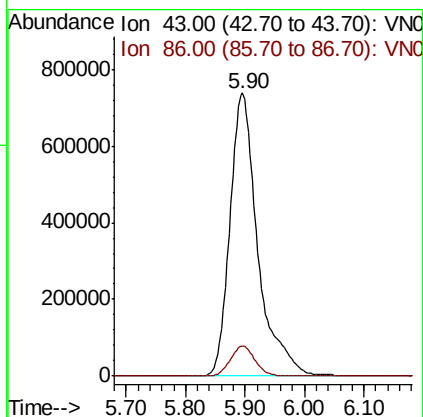
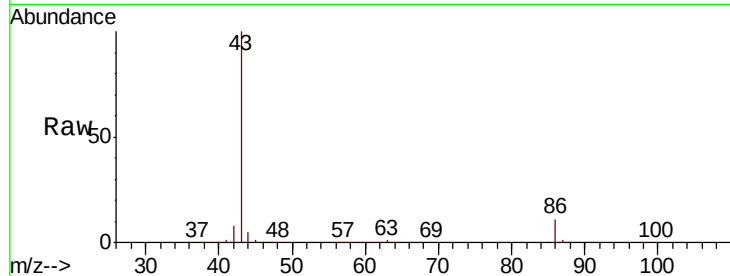




#23
Vinyl Acetate
Concen: 252.914 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

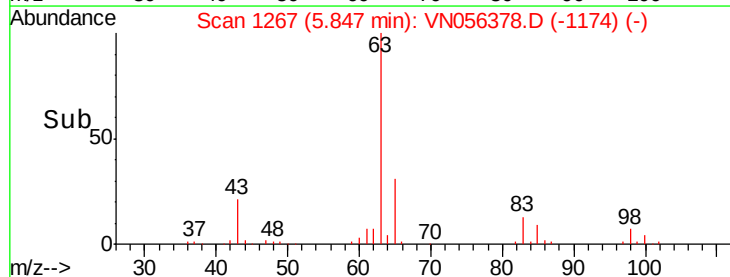
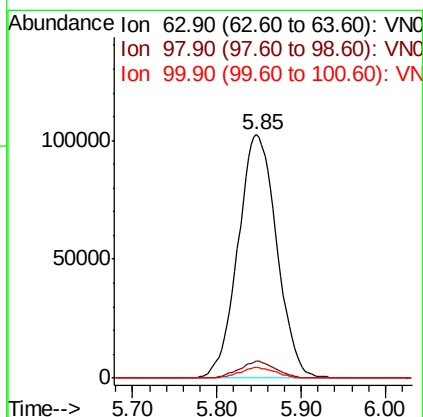
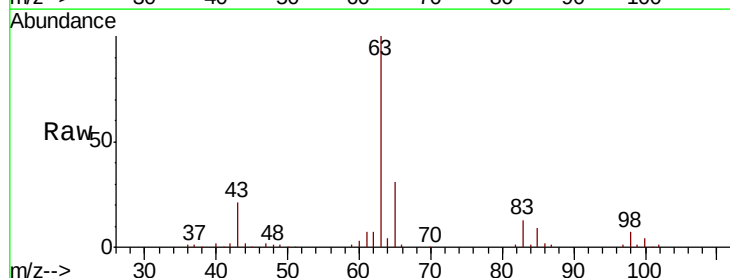
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

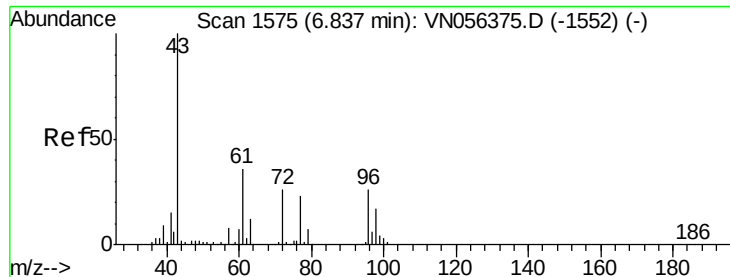
Tot Ion: 43 Resp: 2402978
Ion Ratio Lower Upper
43 100
86 10.7 8.3 12.5



#24
1,1-Dichloroethane
Concen: 47.240 ug/l
RT: 5.85 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 63 Resp: 326660
Ion Ratio Lower Upper
63 100
98 6.8 3.2 9.6
100 4.2 2.1 6.5

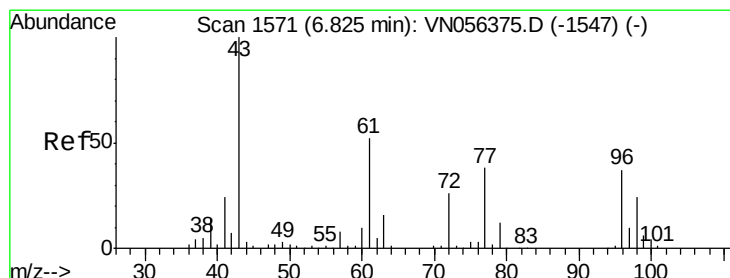
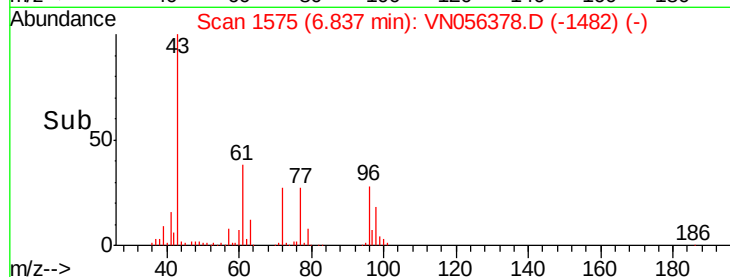
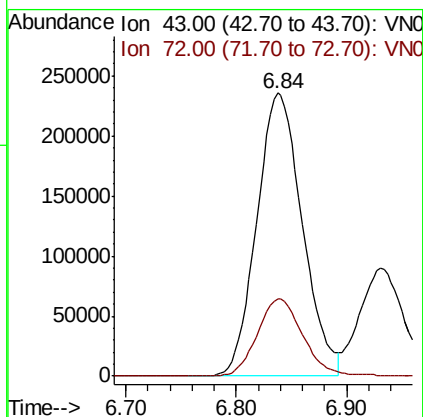
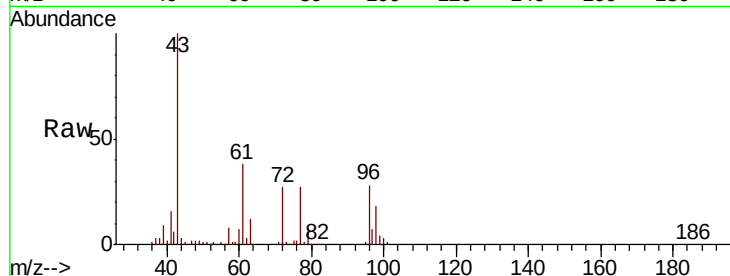




#25
2-Butanone
Concen: 235.150 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

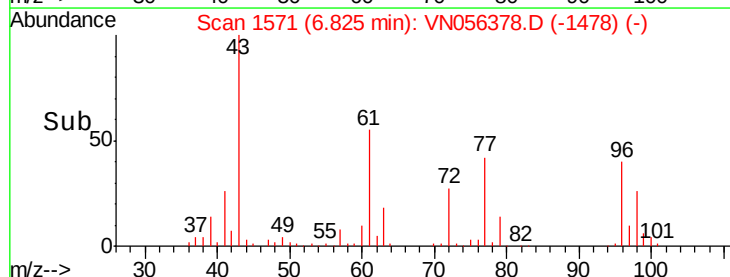
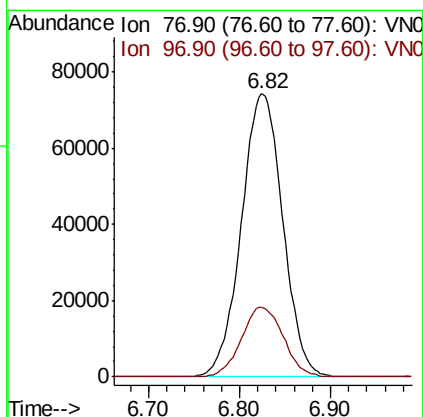
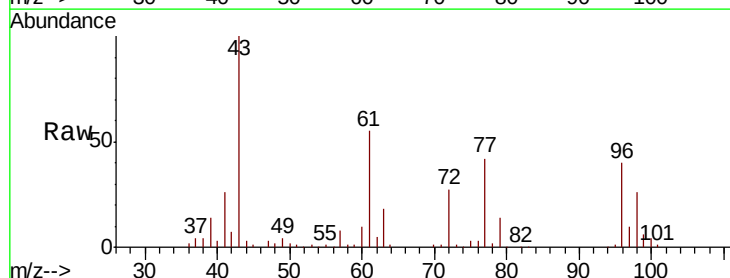
Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

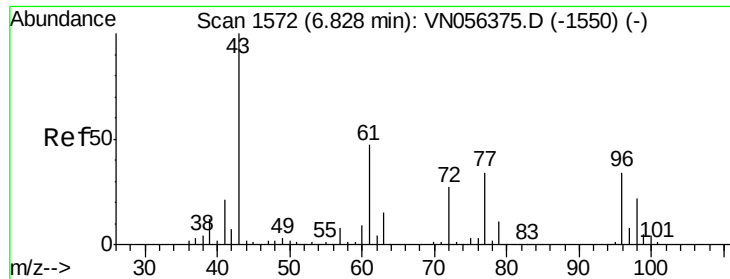
Tot Ion: 43 Resp: 674084
Ion Ratio Lower Upper
43 100
72 27.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 48.789 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 77 Resp: 234640
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.5

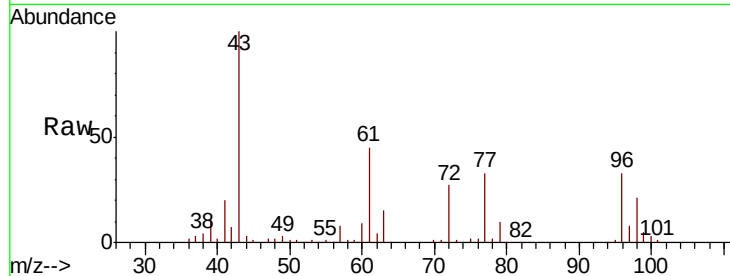




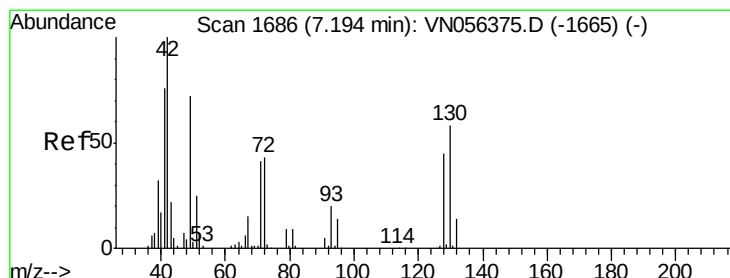
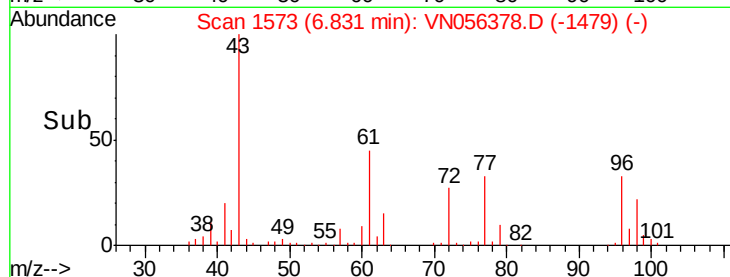
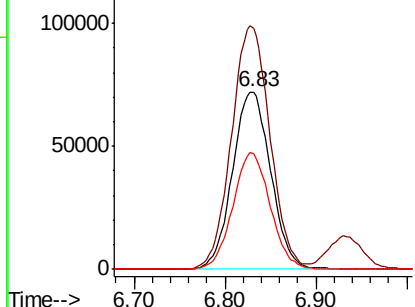
#27
 cis-1,2-Dichloroethene
 Concen: 48.464 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061919

Tot Ion: 96 Resp: 210644
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 279.8
 98 64.3 0.0 130.0

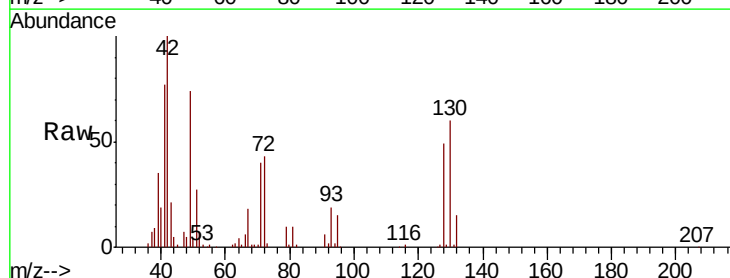


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

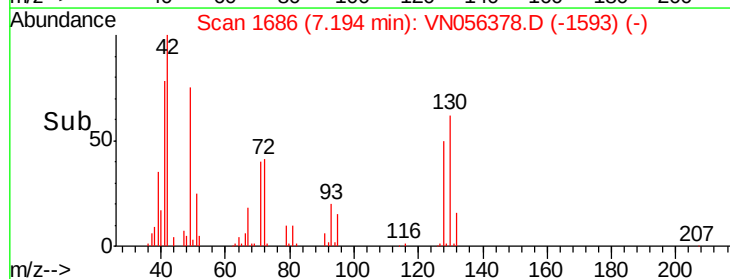
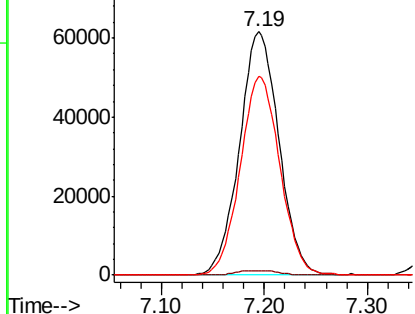


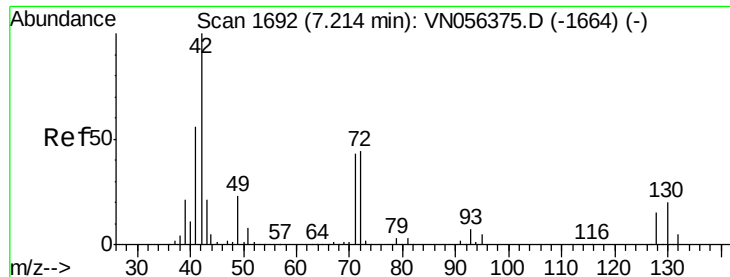
#28
 Bromochloromethane
 Concen: 47.870 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion: 49 Resp: 163729
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 82.2 64.9 97.3



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

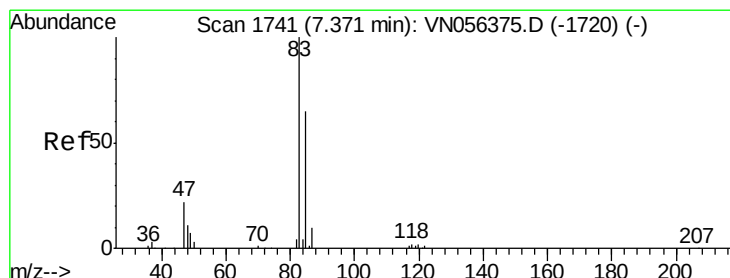
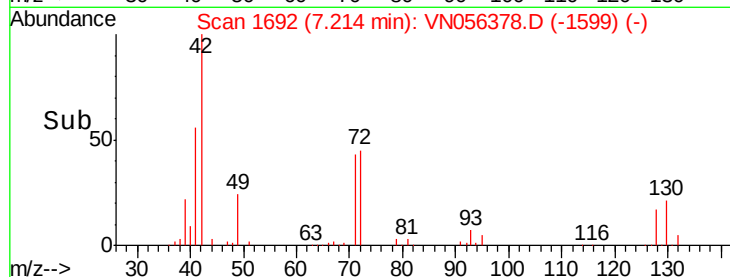
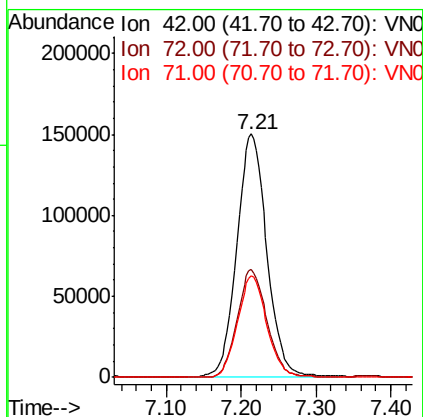
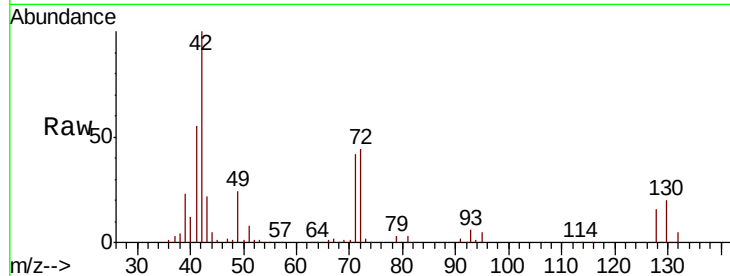




#29
Tetrahydrofuran
Concen: 238.305 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

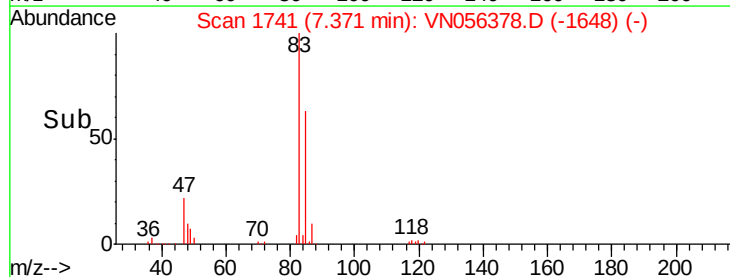
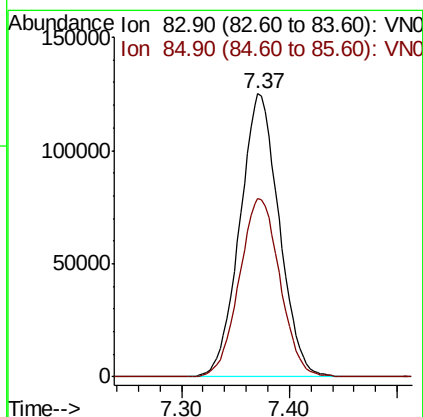
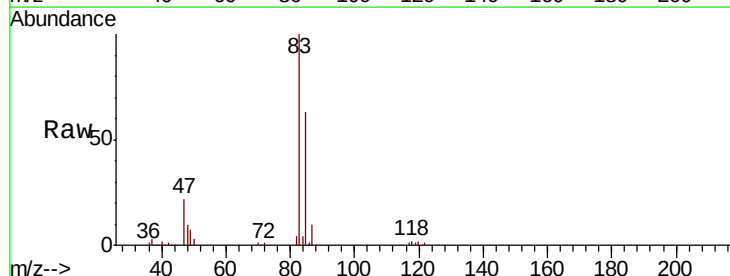
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

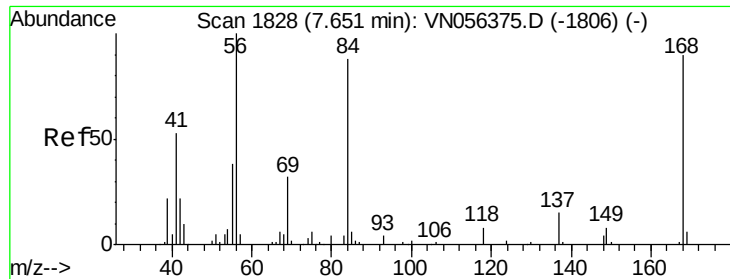
Tot Ion: 42 Resp: 417461
Ion Ratio Lower Upper
42 100
72 44.0 34.7 52.1
71 41.0 33.0 49.6



#30
Chloroform
Concen: 46.428 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 83 Resp: 316790
Ion Ratio Lower Upper
83 100
85 62.9 52.3 78.5

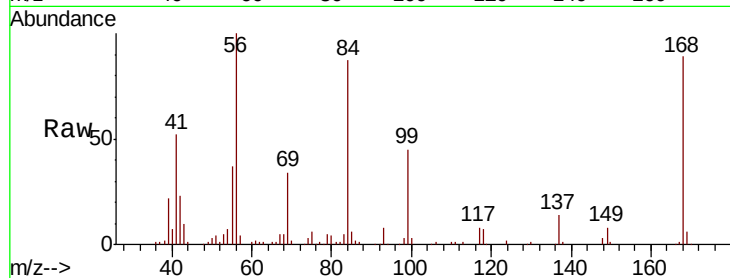




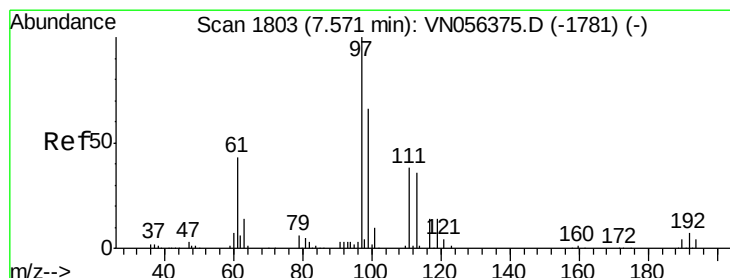
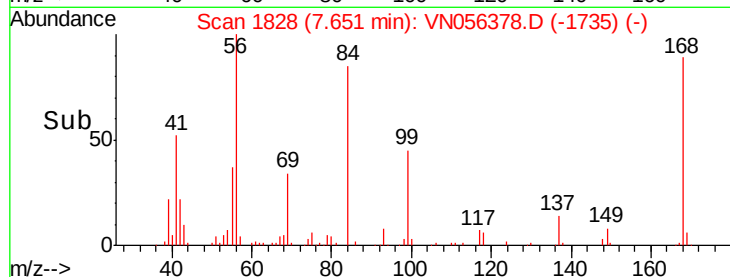
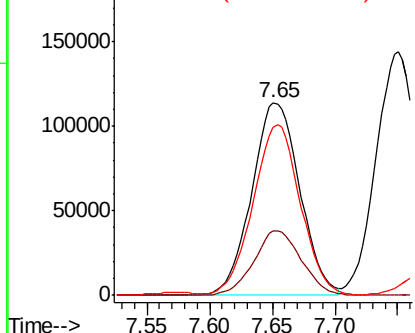
#31
Cyclohexane
Concen: 45.526 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion: 56 Resp: 303919
Ion Ratio Lower Upper
56 100
69 33.5 25.8 38.6
84 85.9 69.4 104.0

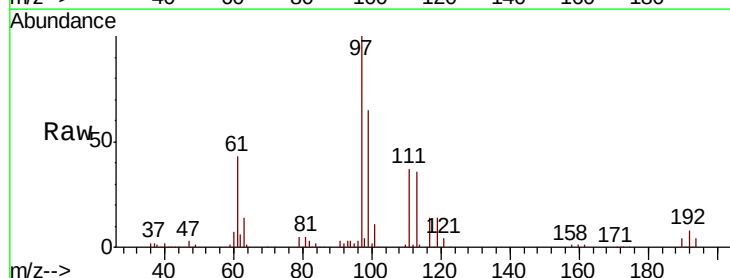


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

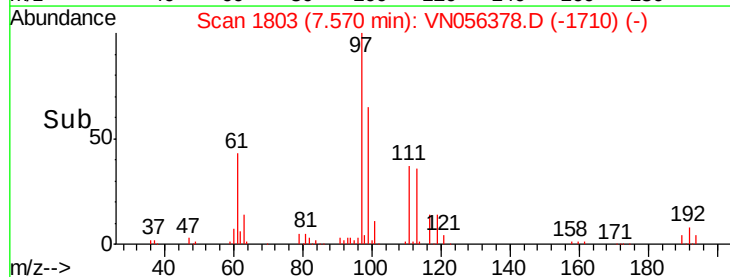
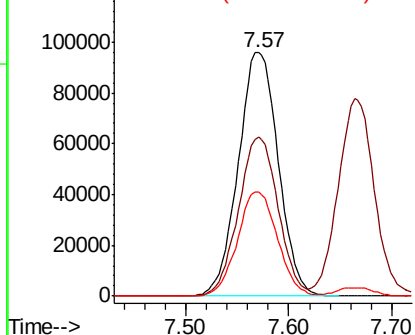


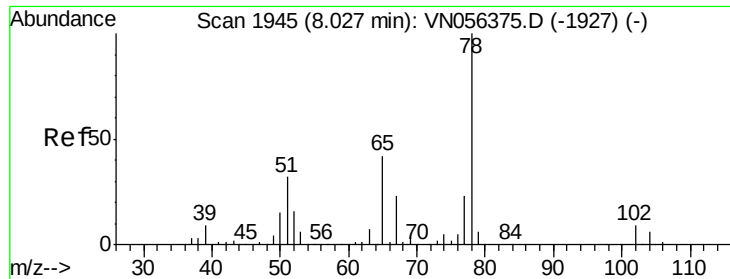
#32
1,1,1-Trichloroethane
Concen: 47.903 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 97 Resp: 259084
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 42.9 33.9 50.9



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

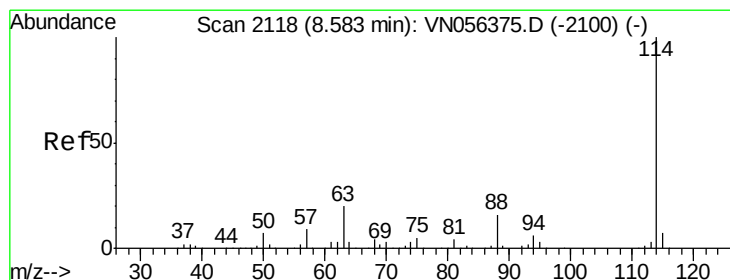
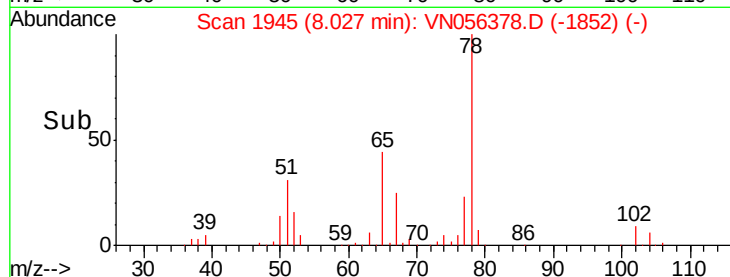
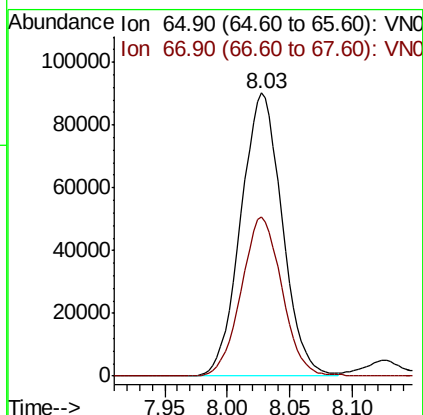
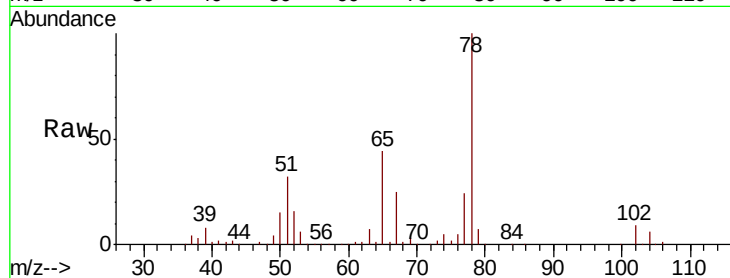




#33
 1,2-Dichloroethane-d4
 Concen: 47.885 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

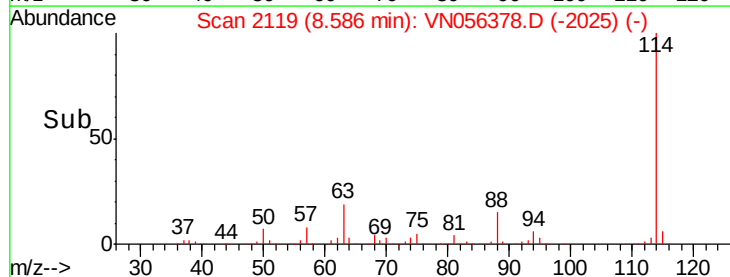
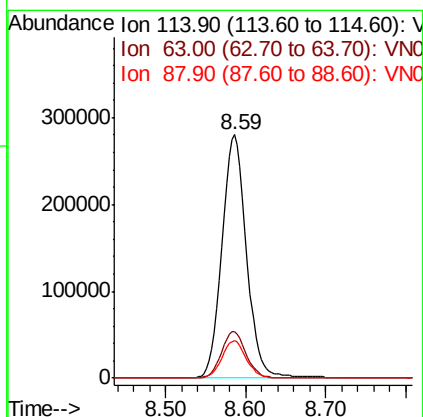
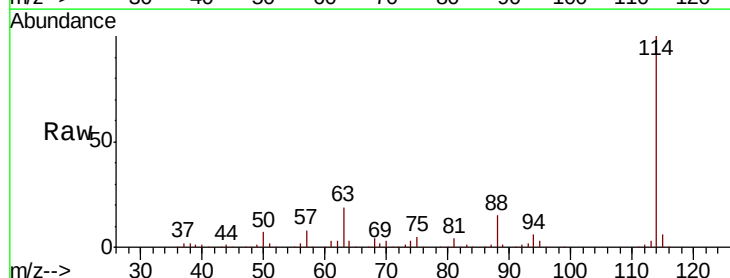
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

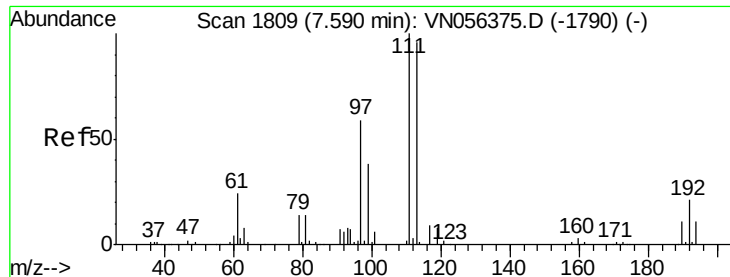
Tot Ion: 65 Resp: 207008
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion: 114 Resp: 593123
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.5 0.0 31.4

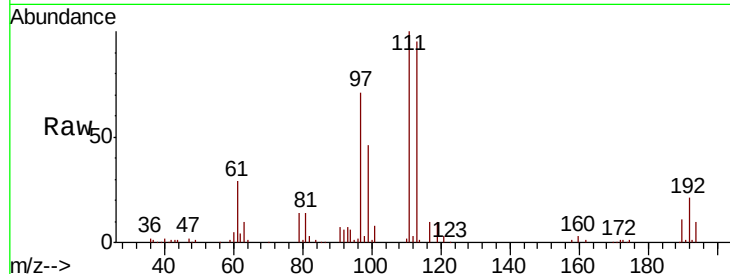




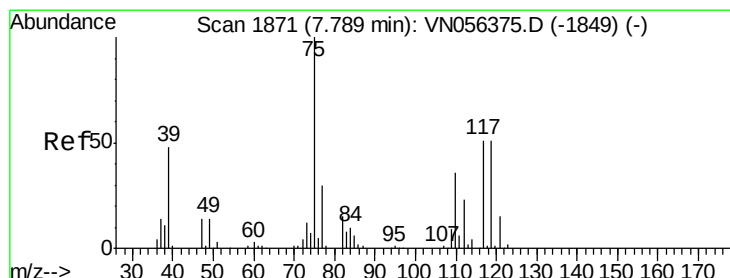
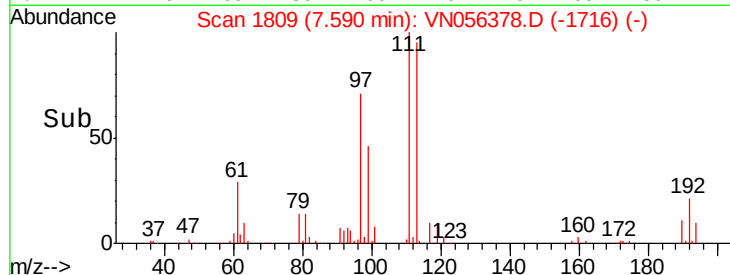
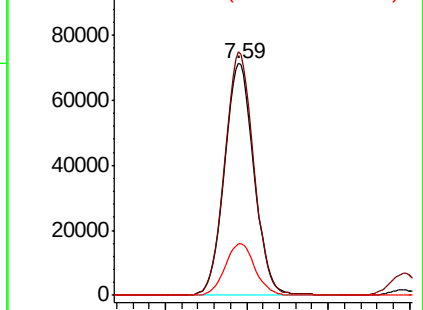
#35
Dibromofluoromethane
Concen: 49.135 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	22.4	17.7	26.5

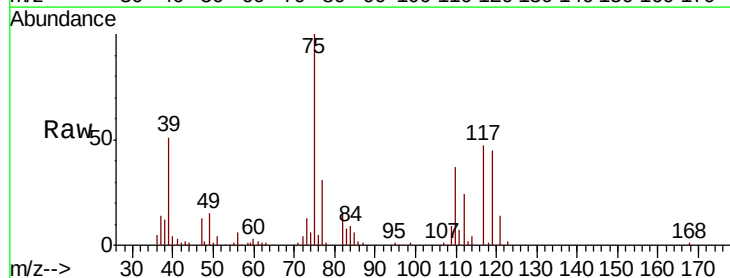


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

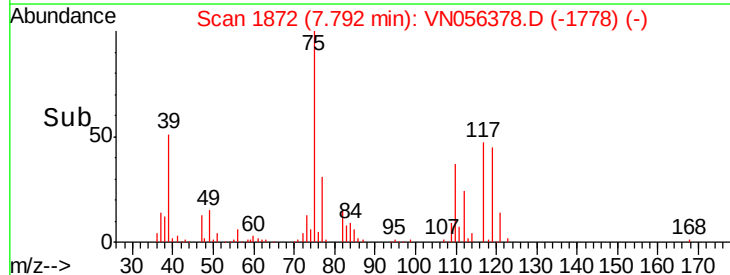
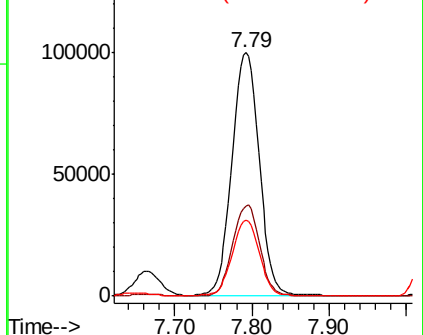


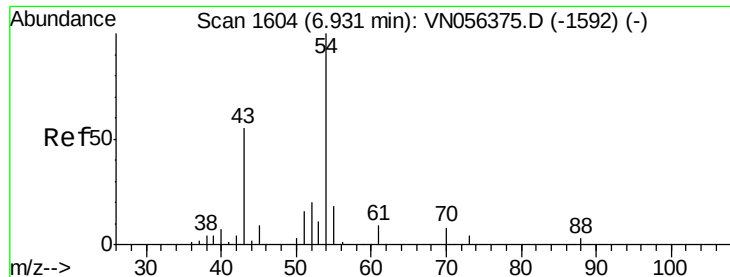
#36
1,1-Dichloropropene
Concen: 46.845 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.1	54.3
77	31.3	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

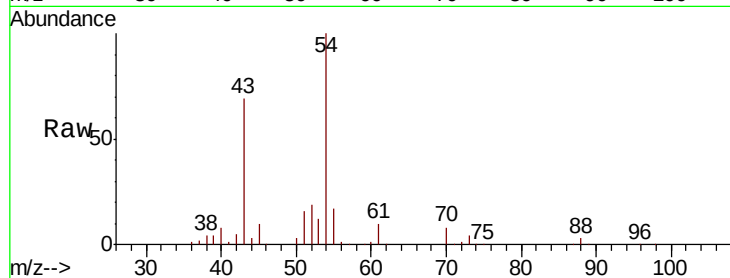




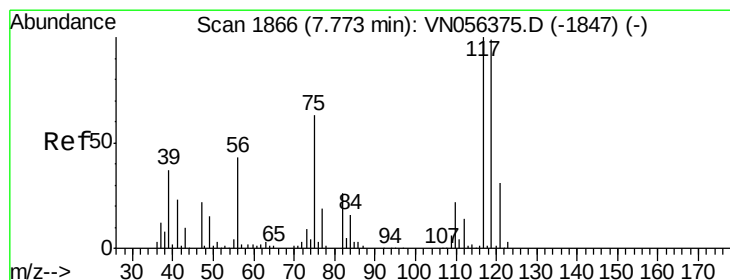
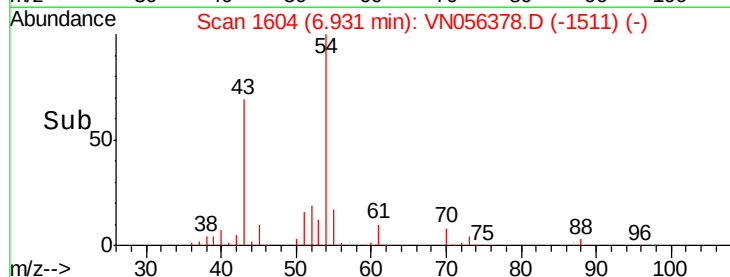
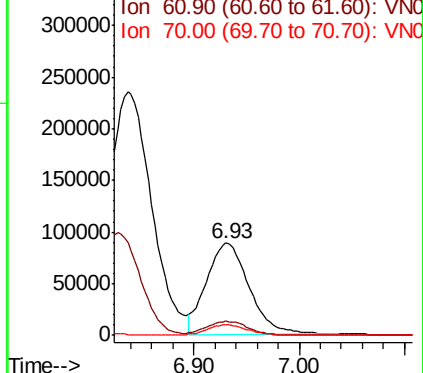
#37
Ethyl Acetate
Concen: 48.762 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion: 43 Resp: 250171
Ion Ratio Lower Upper
43 100
61 15.3 11.1 16.7
70 10.8 8.3 12.5

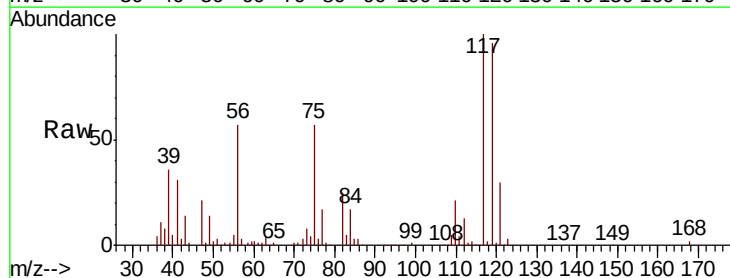


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

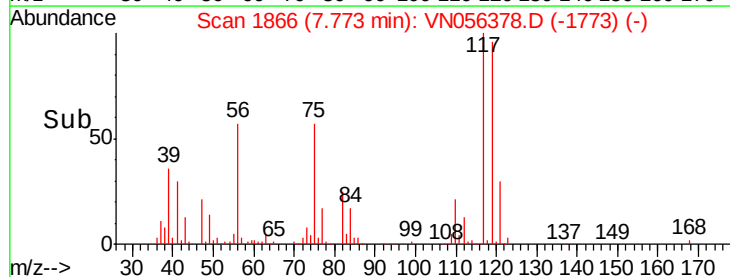
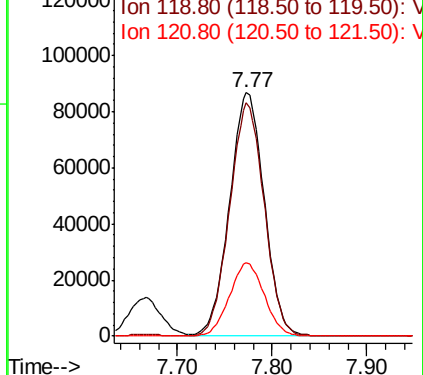


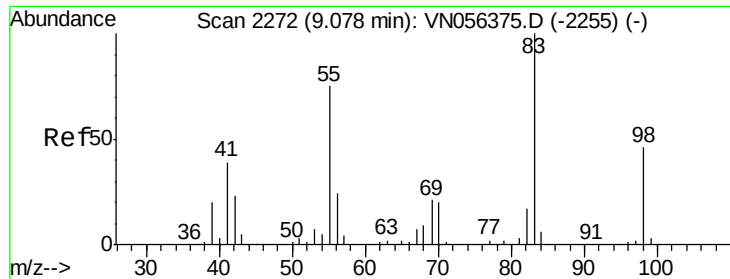
#38
Carbon Tetrachloride
Concen: 48.477 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 117 Resp: 221311
Ion Ratio Lower Upper
117 100
119 95.9 79.1 118.7
121 30.4 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

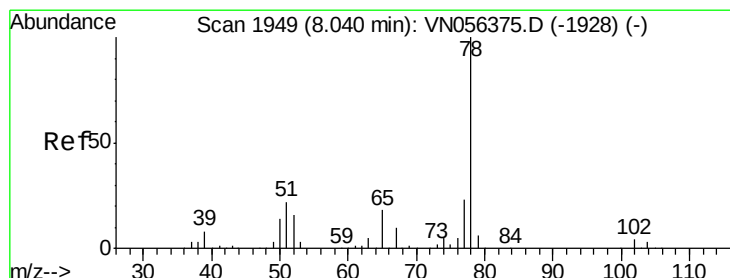
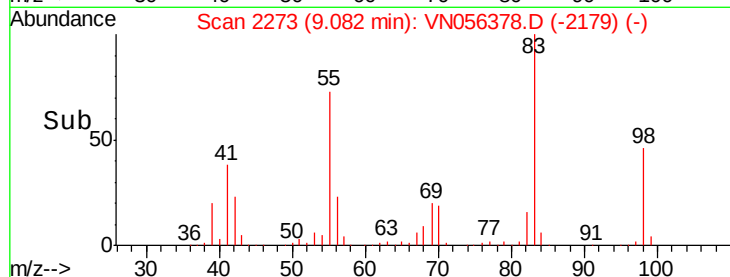
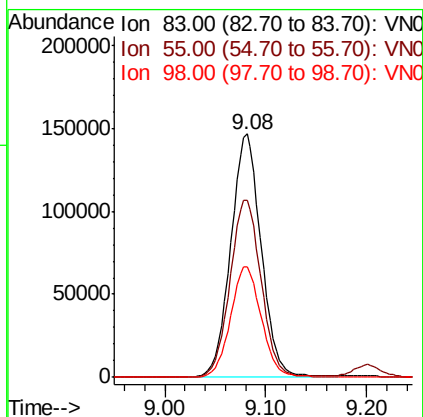
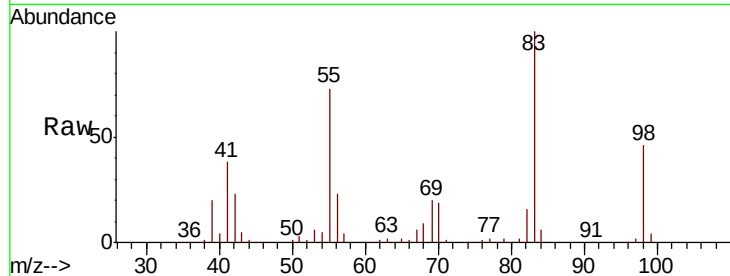




#39
Methylvlcyclohexane
Concen: 47.770 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

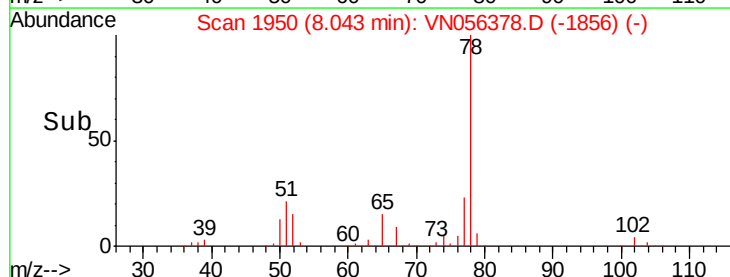
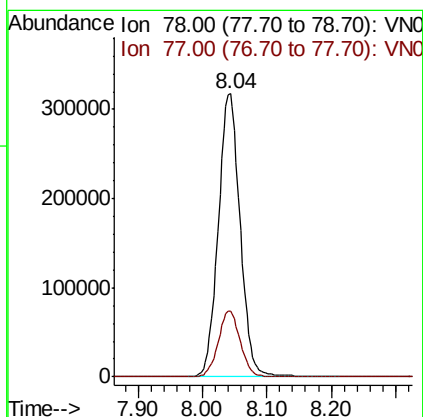
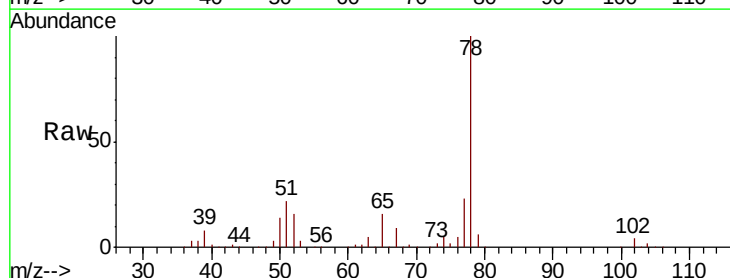
Instrument :
MSVOA_N
ClientSampleId :
ICVFN061919

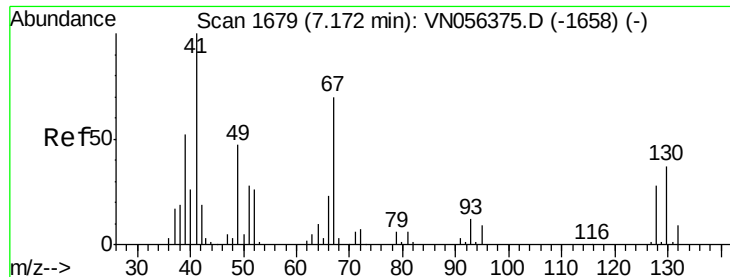
Tot Ion: 83 Resp: 307721
Ion Ratio Lower Upper
83 100
55 72.8 60.0 90.0
98 45.5 36.6 54.8



#40
Benzene
Concen: 46.773 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 78 Resp: 751105
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5

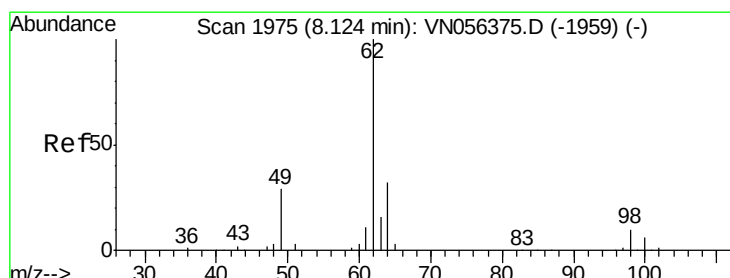
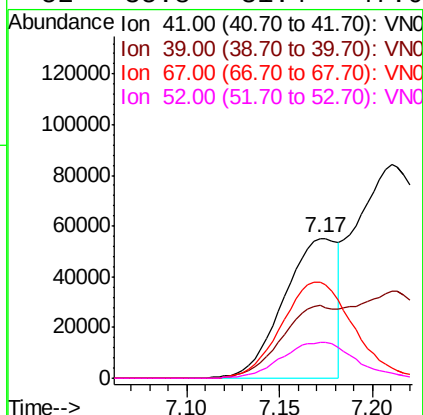
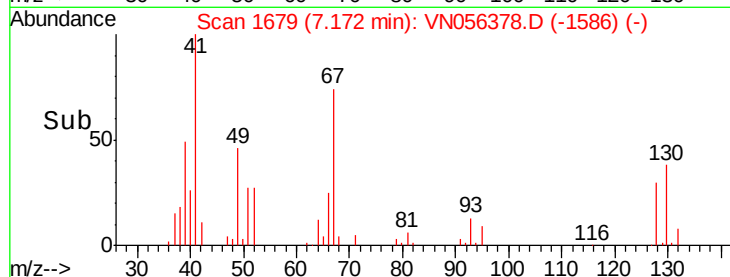
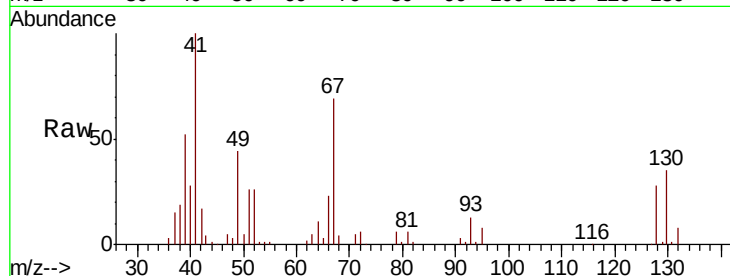




#41
Methacrylonitrile
Concen: 49.266 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

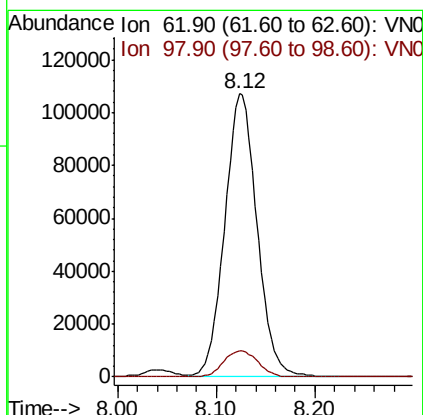
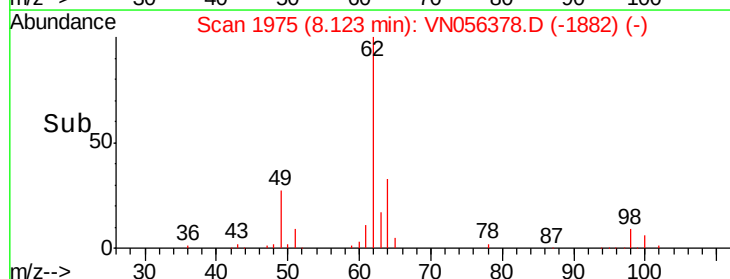
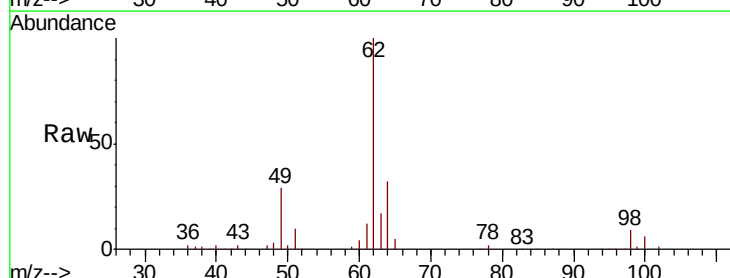
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

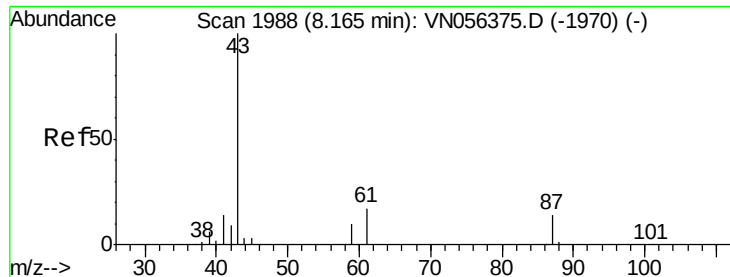
Tot Ion: 41 Resp: 111611
Ion Ratio Lower Upper
41 100
39 48.2 55.3 82.9#
67 92.1 79.2 118.8
52 35.8 31.4 47.0



#42
1,2-Dichloroethane
Concen: 45.926 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 62 Resp: 243387
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 49.509 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICV061919

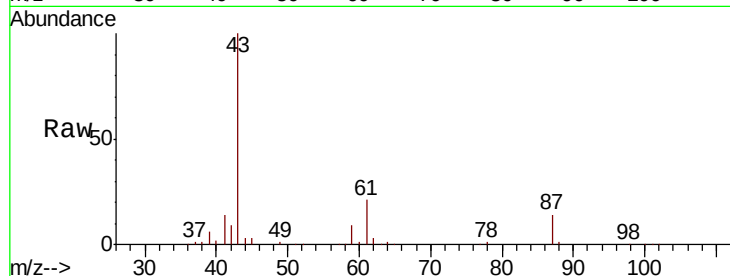
Tot Ion: 43 Resp: 391669

Ion Ratio Lower Upper

43 100

61 21.1 22.0 33.0#

87 13.9 11.0 16.4

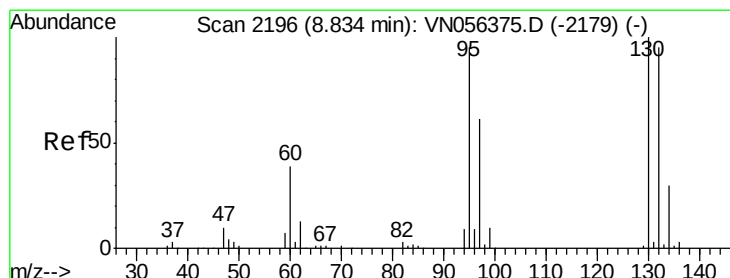
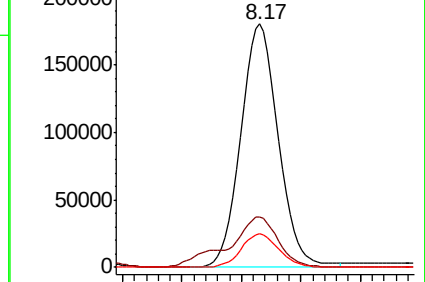
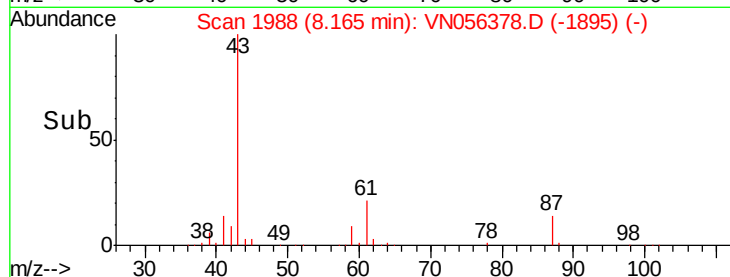


Abundance Ion 43.00 (42.70 to 43.70): VN056378.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056378.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056378.D (-1970) (-)

Time-->



#44

Trichloroethene

Concen: 47.229 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056378.D

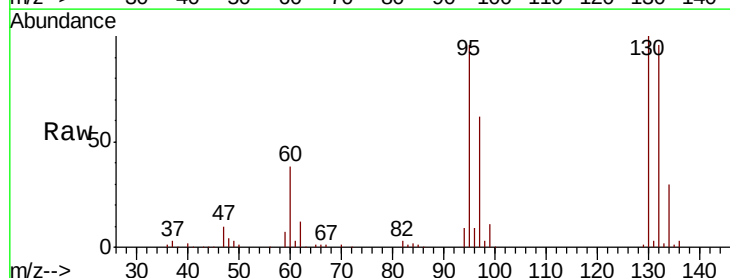
Acq: 19 Jun 2019 11:12

Tgt Ion:130 Resp: 204301

Ion Ratio Lower Upper

130 100

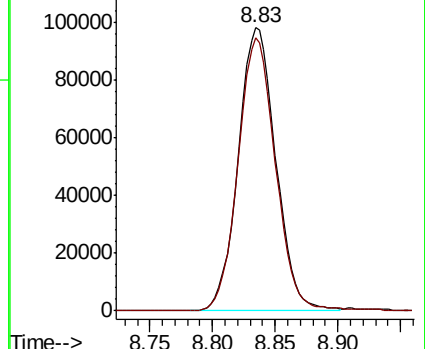
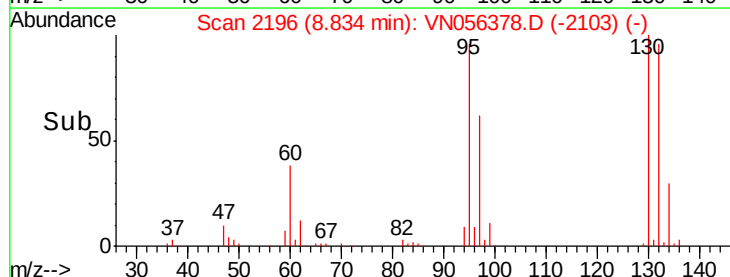
95 96.4 0.0 191.0

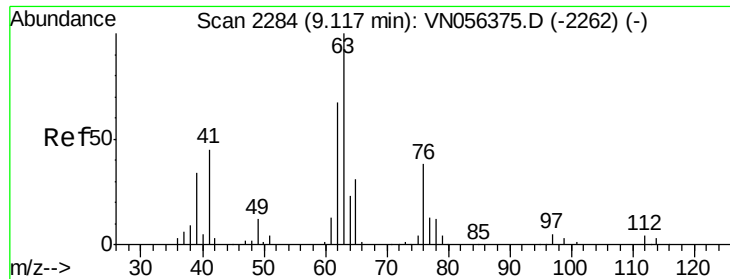


Abundance Ion 129.80 (129.50 to 130.50): VN056378.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056378.D (-2179) (-)

Time-->

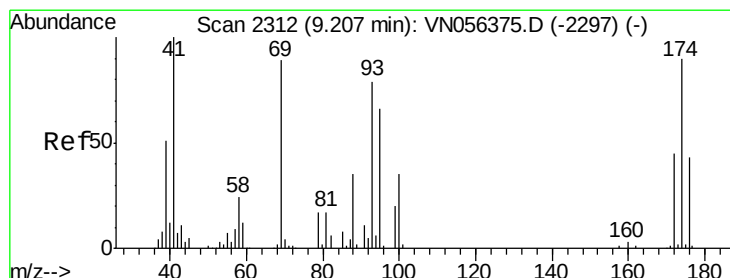
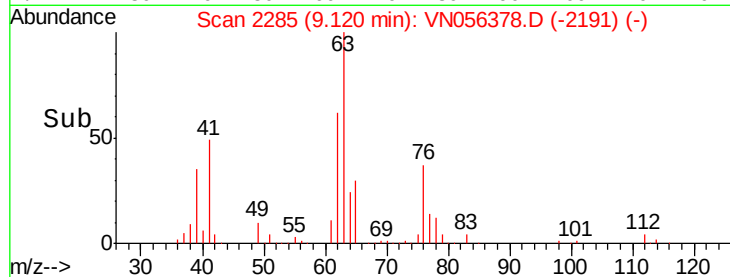
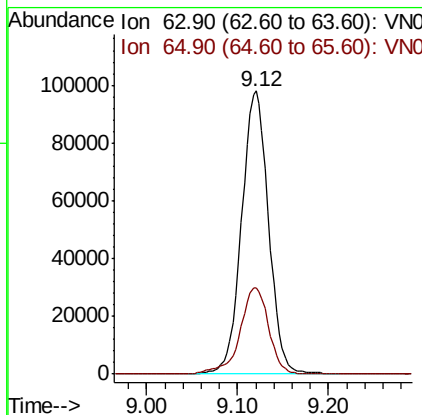
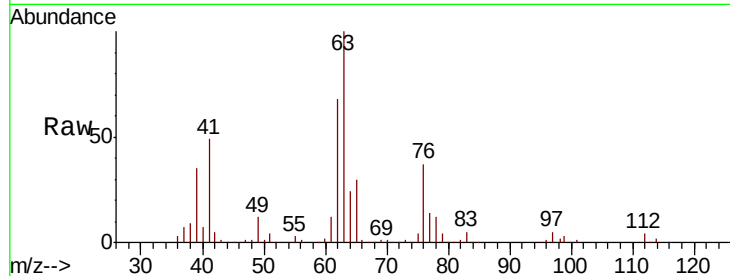




#45
 1,2-Dichloropropane
 Concen: 46.993 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

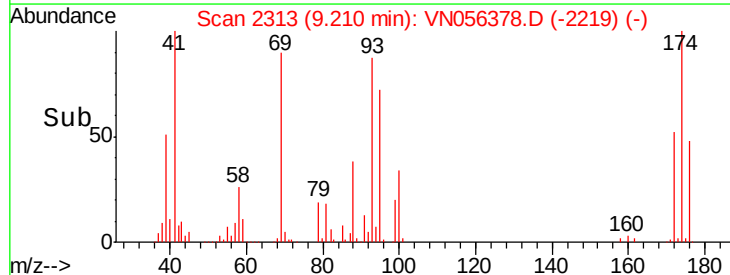
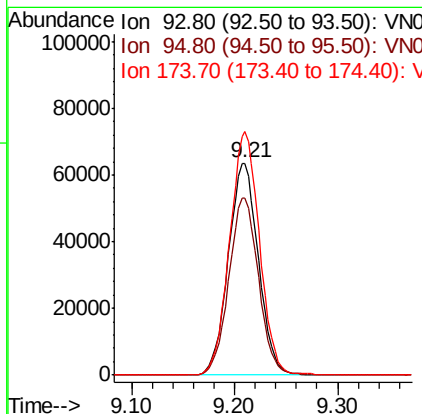
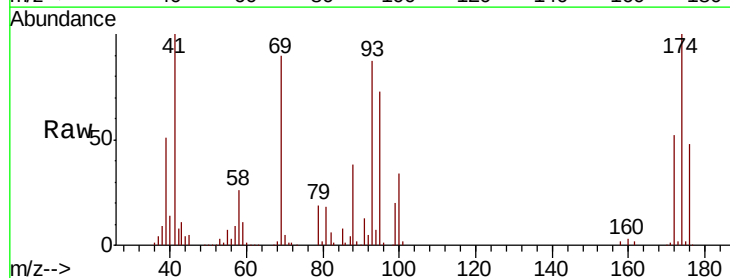
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061919

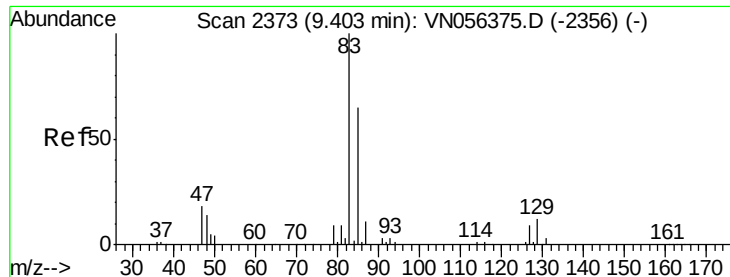
Tot Ion: 63 Resp: 201817
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 48.073 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion: 93 Resp: 129167
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.2
 174 114.0 90.8 136.2





#47

Bromodichloromethane

Concen: 49.653 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICV061919

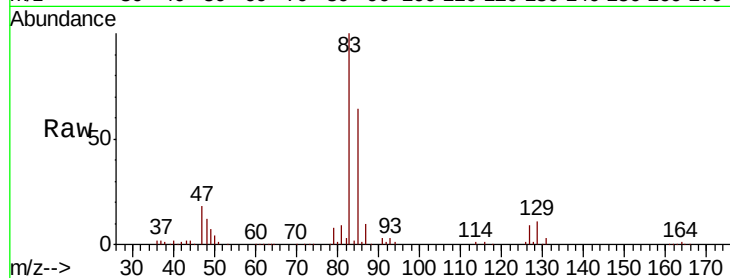
Tot Ion: 83 Resp: 236614

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

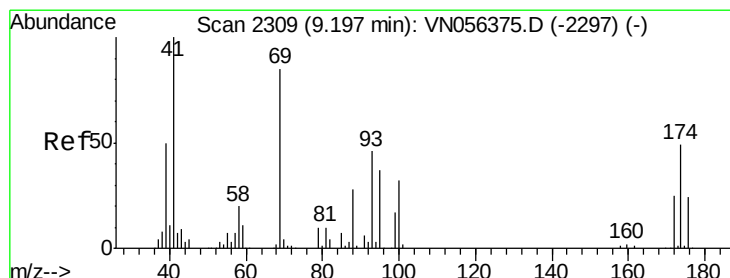
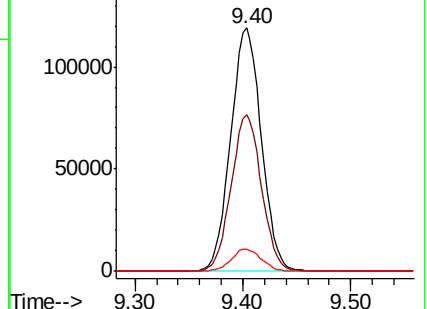
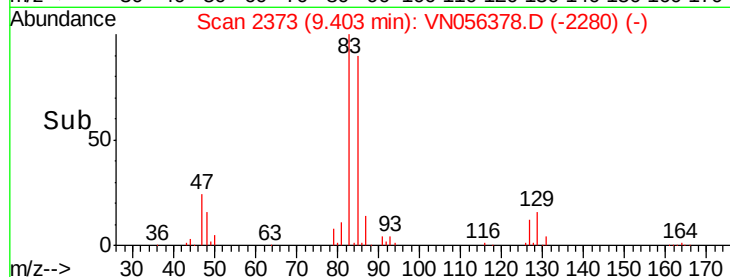
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056378.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056378.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056378.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.351 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

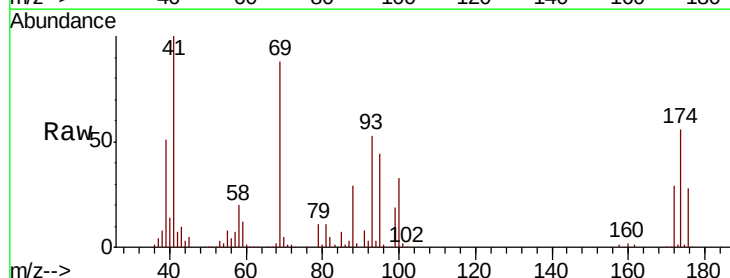
Tgt Ion: 41 Resp: 187717

Ion Ratio Lower Upper

41 100

69 91.1 72.6 109.0

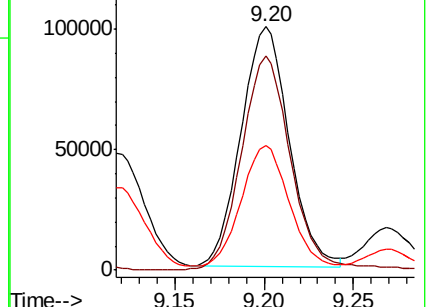
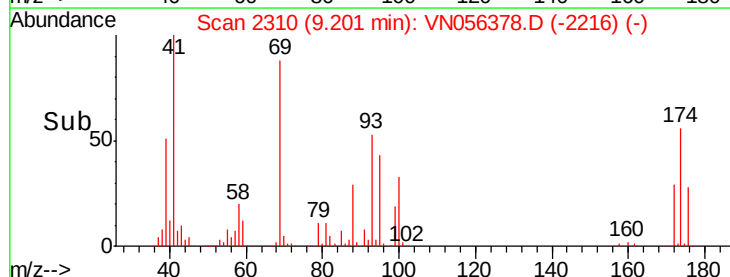
39 53.3 42.6 63.8

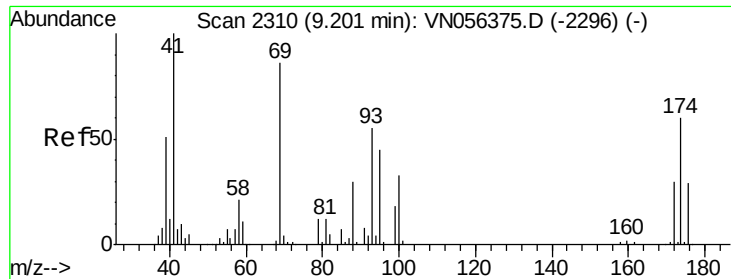


Abundance Ion 41.00 (40.70 to 41.70): VN056378.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056378.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056378.D (-2216) (-)

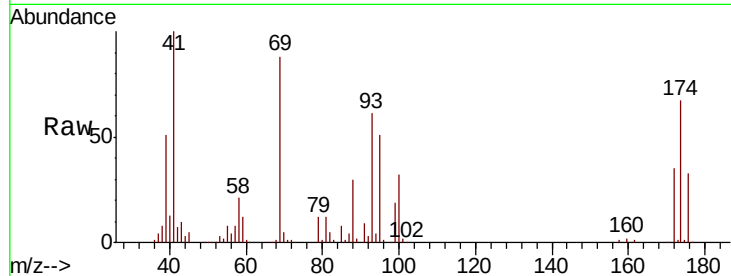




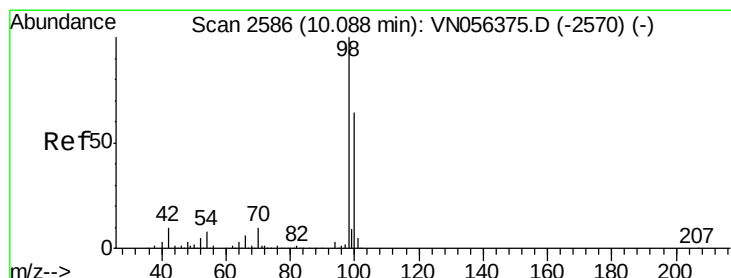
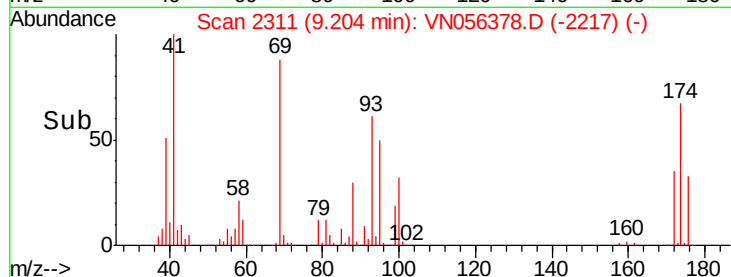
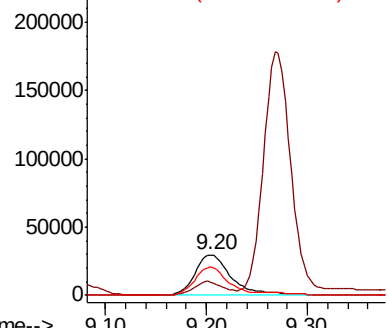
#49
1,4-Dioxane
Concen: 917.254 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion: 88 Resp: 75470
Ion Ratio Lower Upper
88 100
43 26.8 22.0 33.0
58 64.4 51.8 77.8

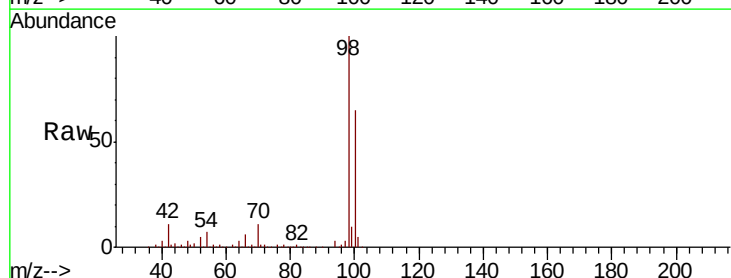


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

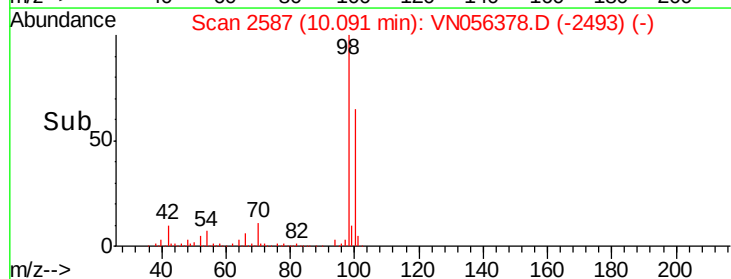
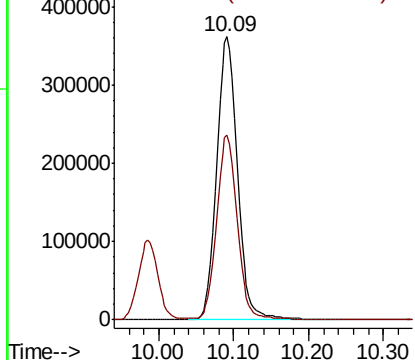


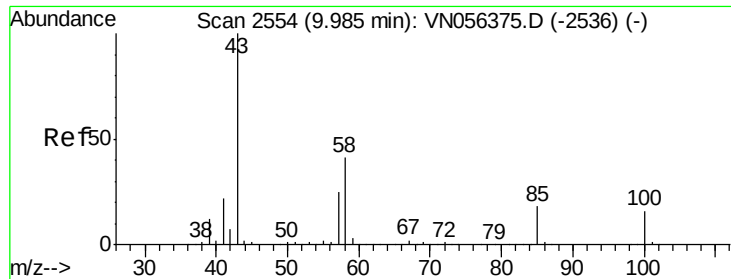
#50
Toluene-d8
Concen: 48.448 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 98 Resp: 697520
Ion Ratio Lower Upper
98 100
100 65.3 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: 245.547 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

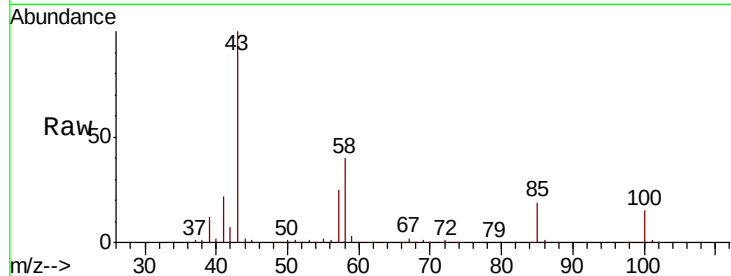
ICVVN061919

Tot Ion: 43 Resp: 1253774

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

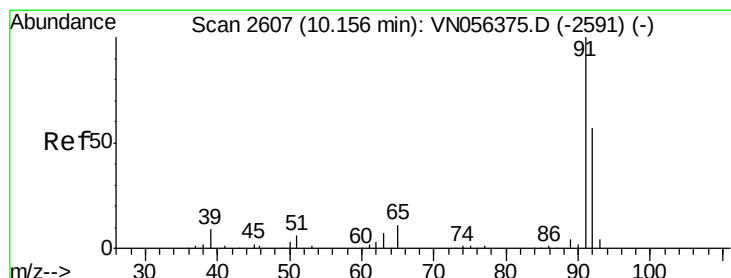
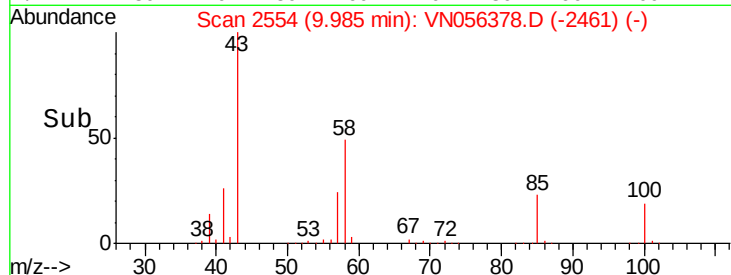
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 46.913 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056378.D

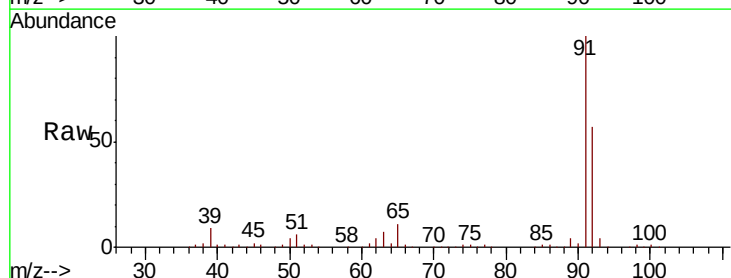
Acq: 19 Jun 2019 11:12

Tgt Ion: 92 Resp: 460576

Ion Ratio Lower Upper

92 100

91 174.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

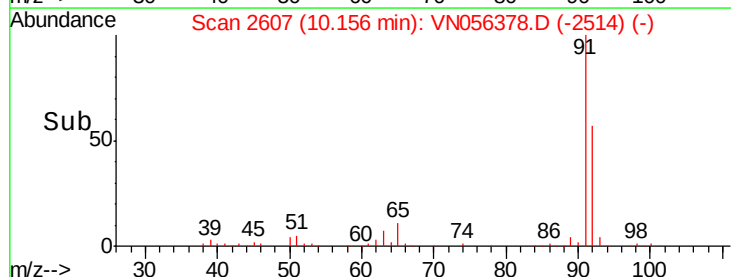
300000

200000

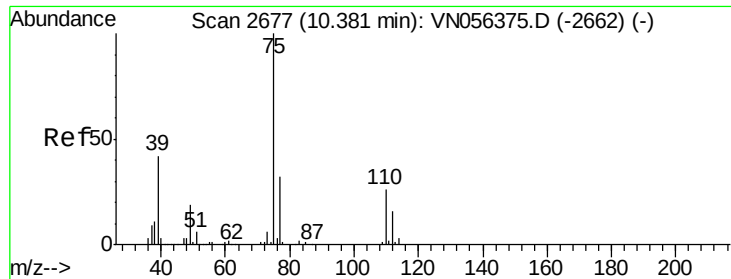
100000

0

Time-->



Time-->



#53

t-1,3-Dichloropropene

Concen: 46.218 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

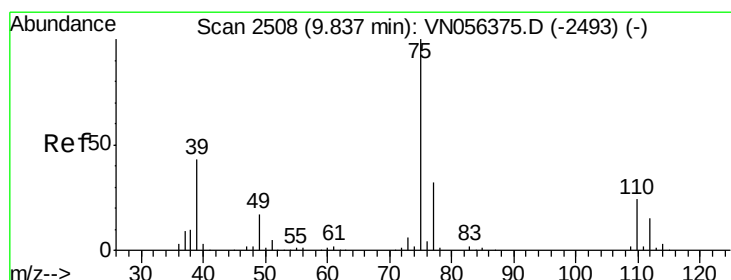
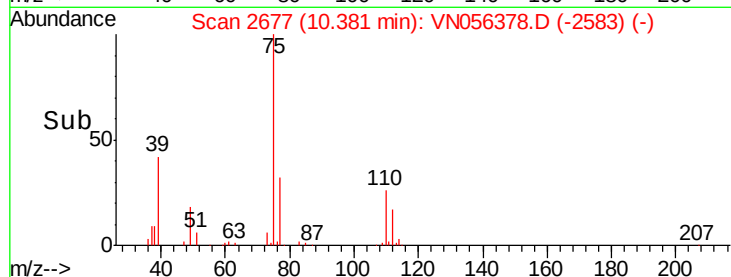
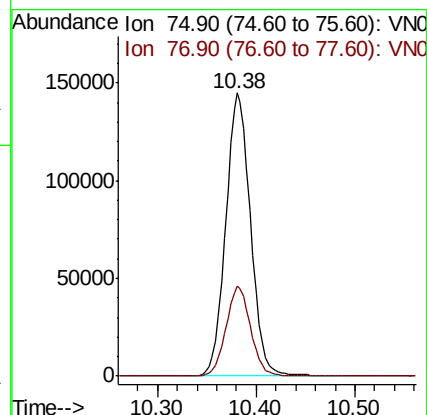
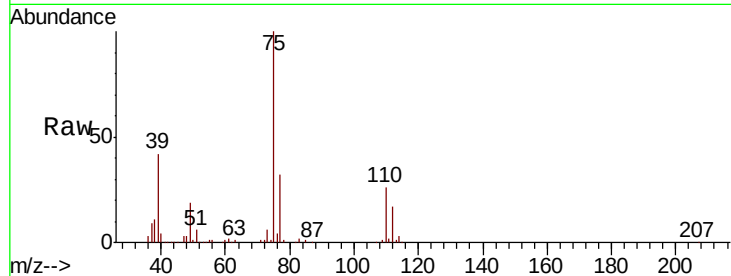
ICV061919

Tot Ion: 75 Resp: 255233

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.427 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

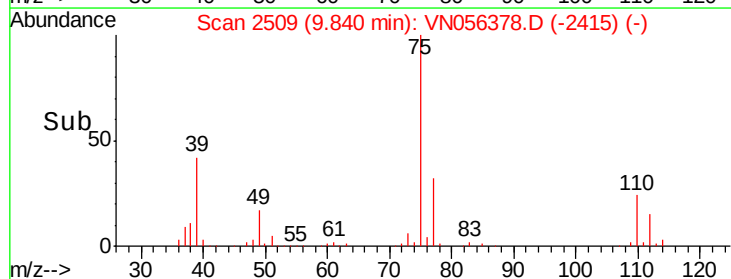
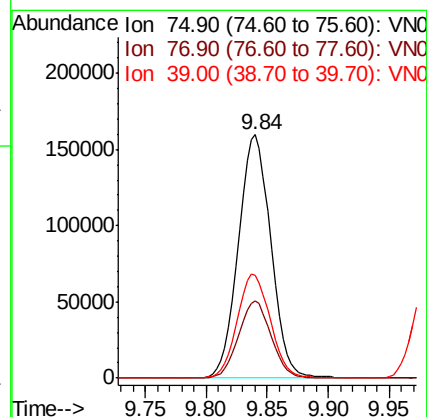
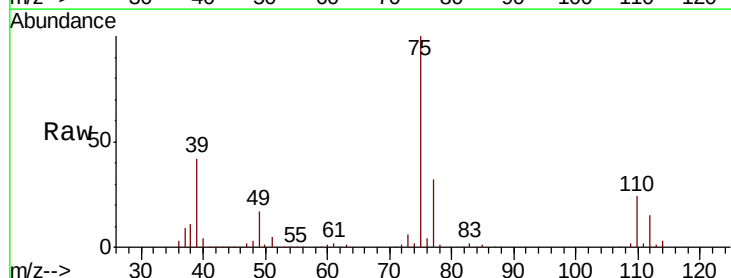
Tgt Ion: 75 Resp: 295118

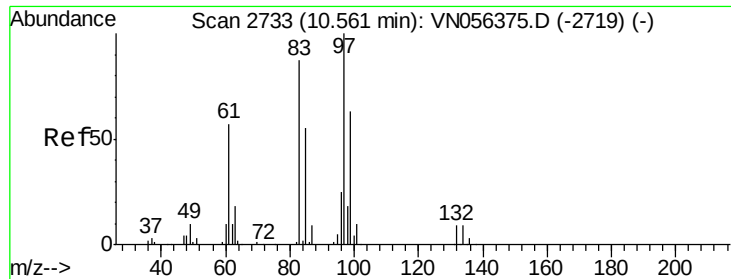
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 42.3 34.2 51.4

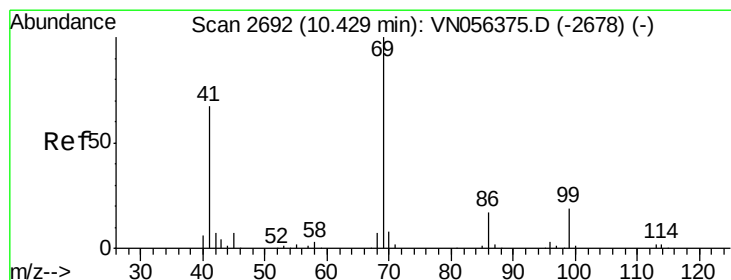
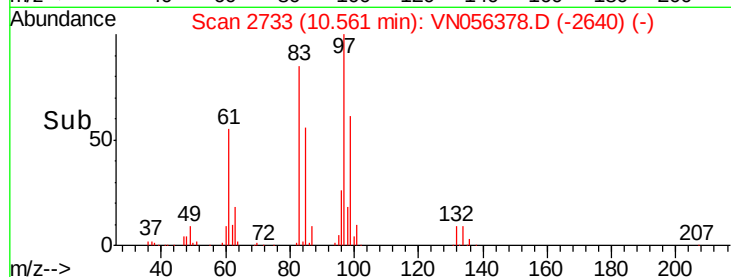
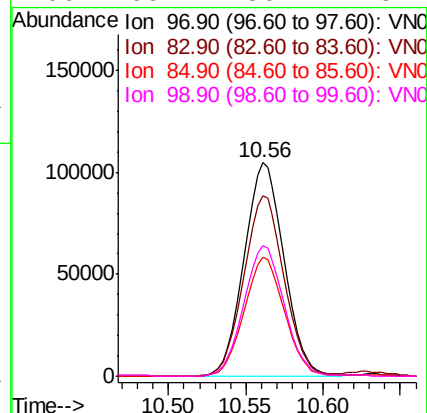
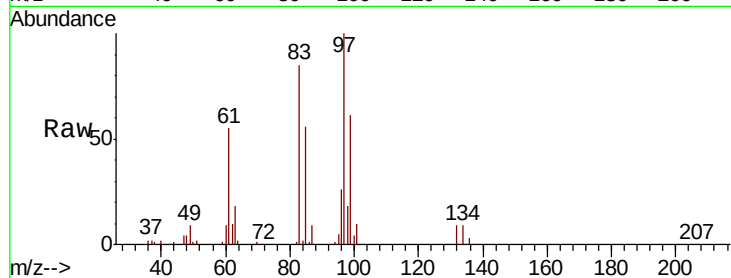




#55
 1,1,2-Trichloroethane
 Concen: 47.744 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

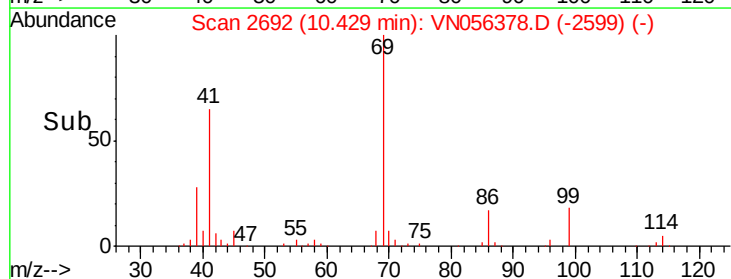
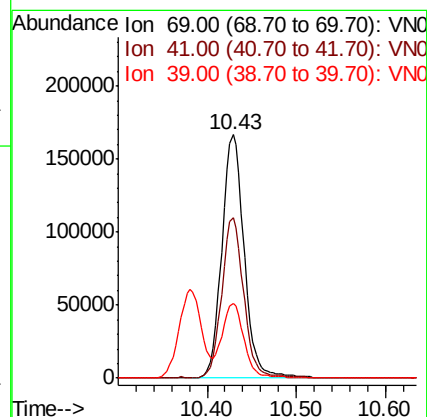
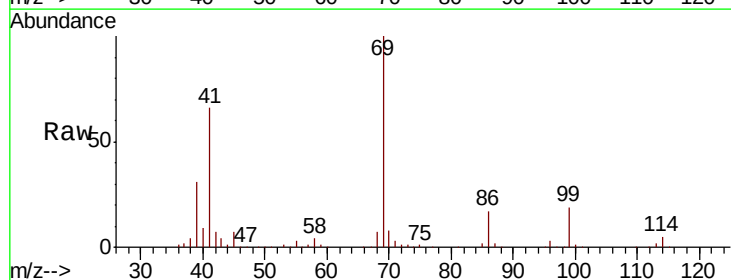
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

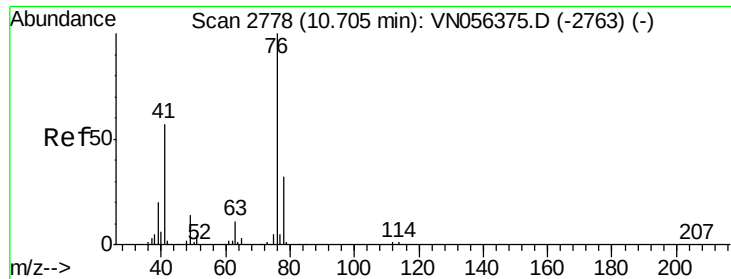
Tot Ion	97	Resp	188414
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.8	104.6
85	55.5	43.8	65.8
99	60.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 50.259 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	69	Resp	289854
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.4	77.2
39	30.0	24.7	37.1

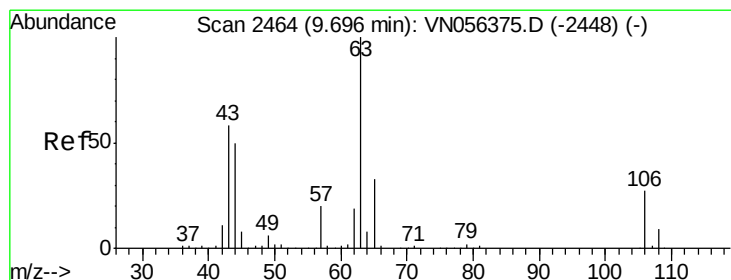
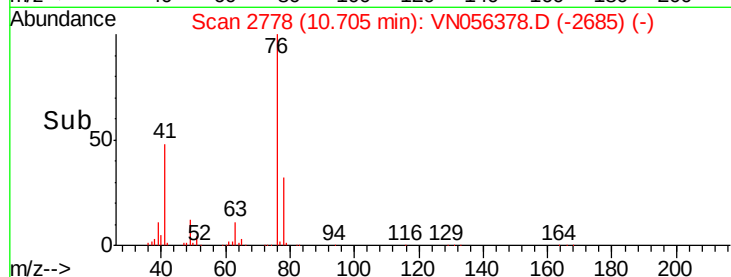
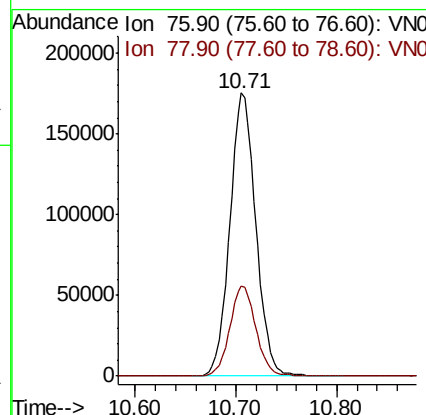
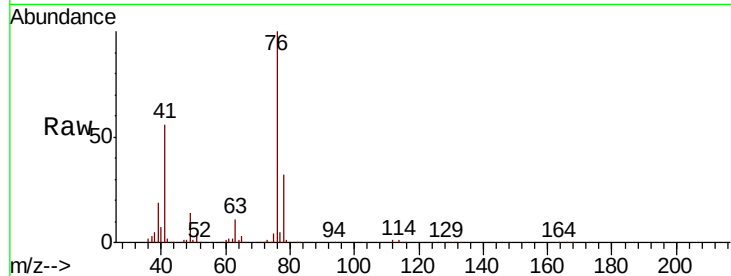




#57
 1,3-Dichloropropane
 Concen: 47.471 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

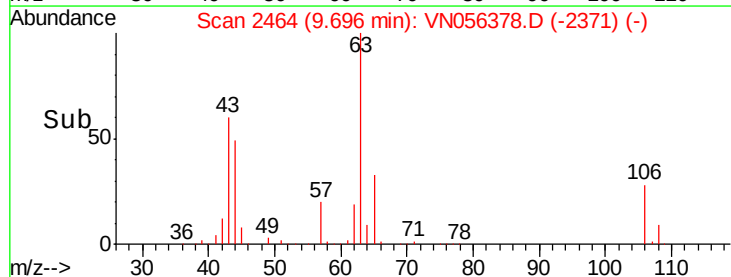
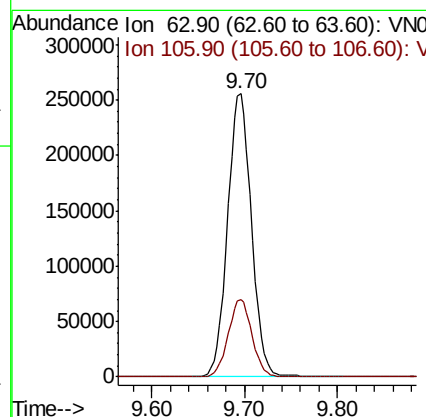
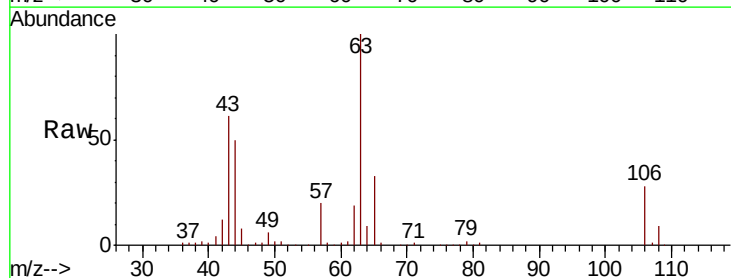
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

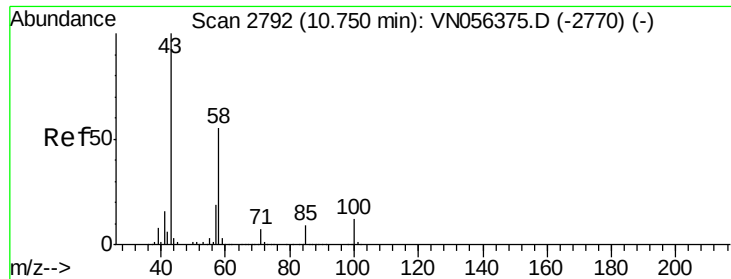
Tot Ion: 76 Resp: 314712
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.352 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion: 63 Resp: 456547
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.6 32.4

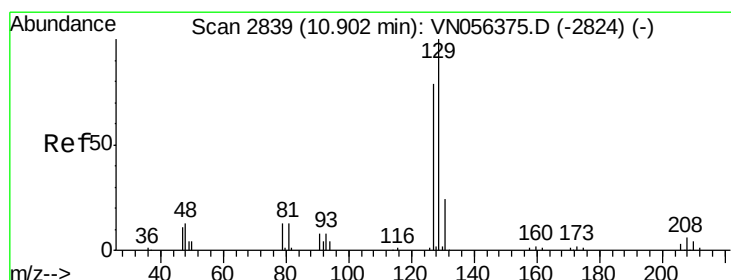
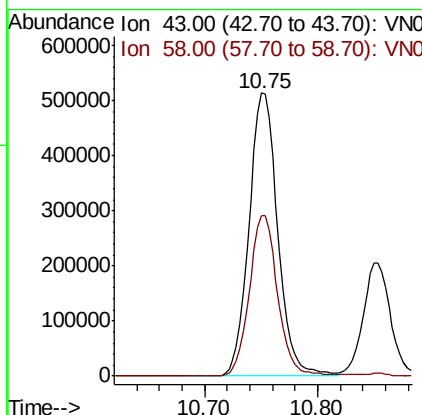
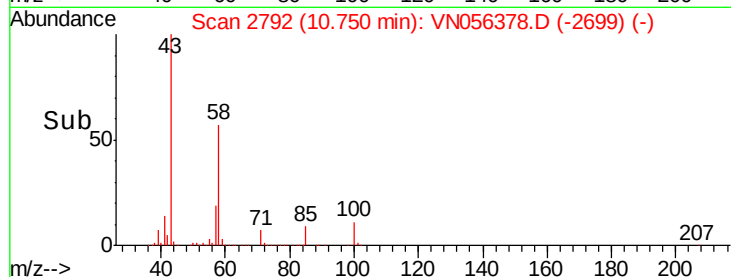
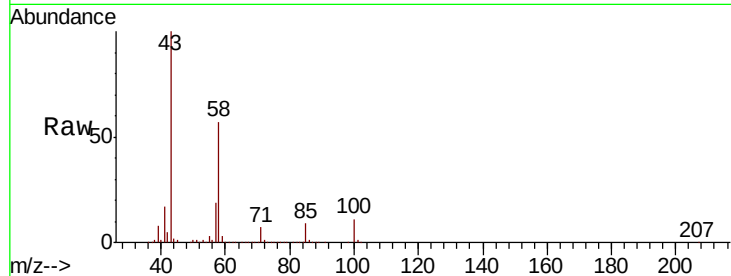




#59
2-Hexanone
Concen: 241.715 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

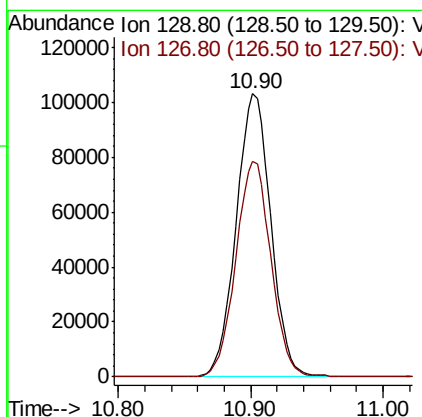
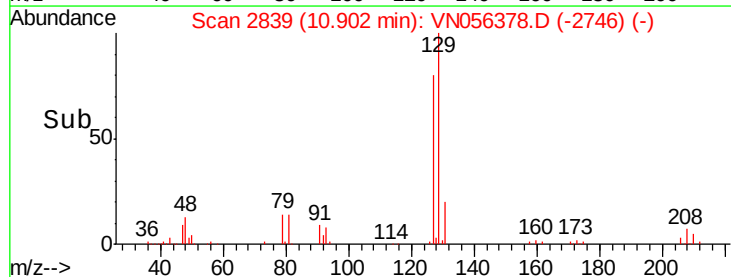
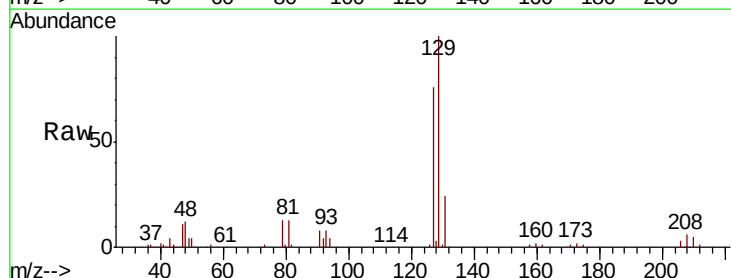
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

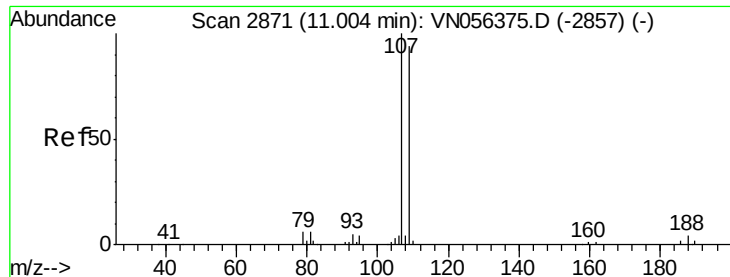
Tot Ion: 43 Resp: 907102
Ion Ratio Lower Upper
43 100
58 56.4 27.8 83.4



#60
Dibromochloromethane
Concen: 46.307 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 129 Resp: 187086
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 48.761 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

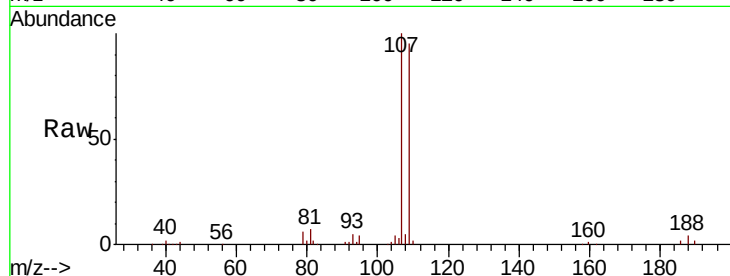
ICVVN061919

Tot Ion:107 Resp: 196534

Ion Ratio Lower Upper

107 100

109 95.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

120000

100000

80000

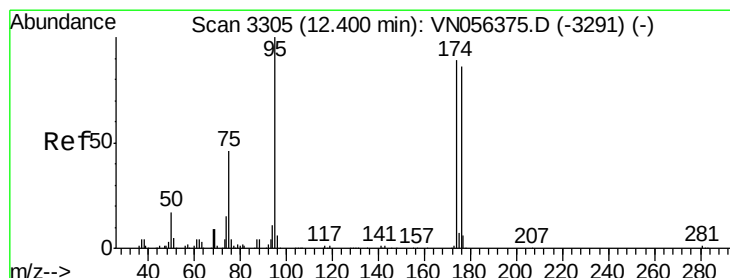
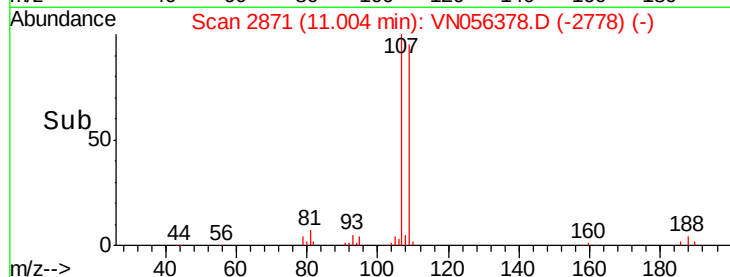
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.254 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

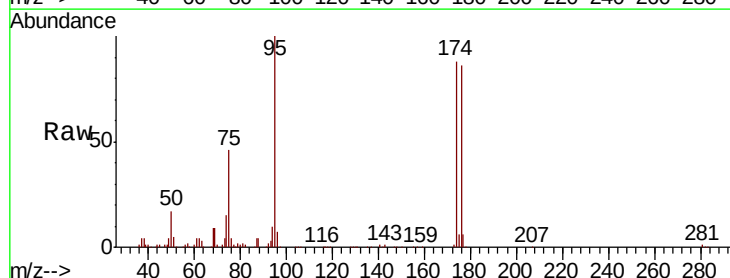
Tgt Ion: 95 Resp: 241196

Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.4

176 87.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

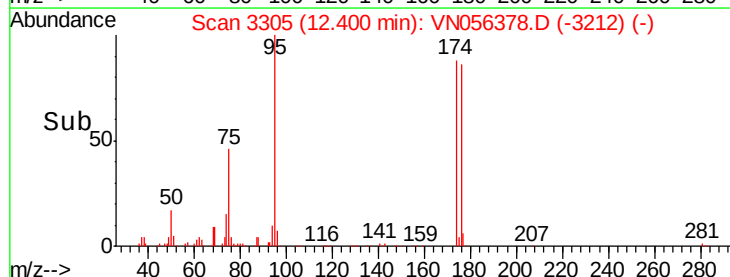
150000

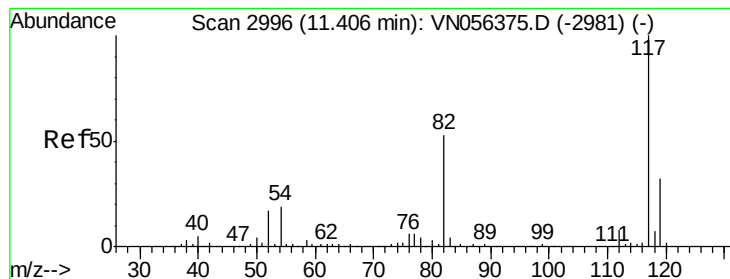
100000

50000

0

Time--> 12.35 12.40 12.45





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

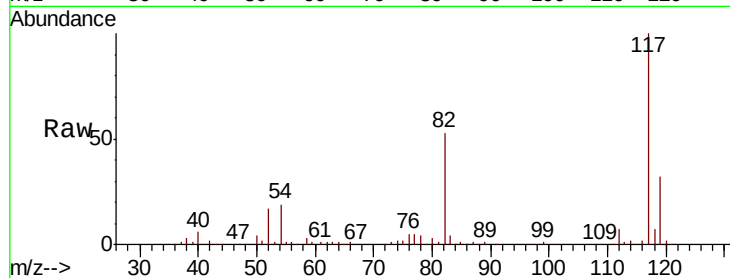
Tot Ion:117 Resp: 527192

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

119 32.2 25.3 37.9

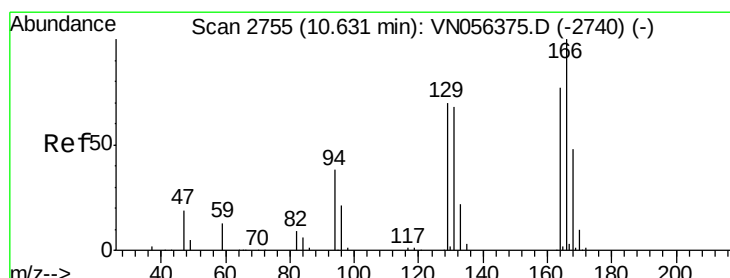
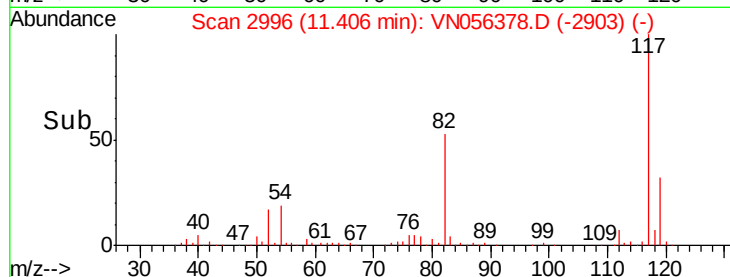
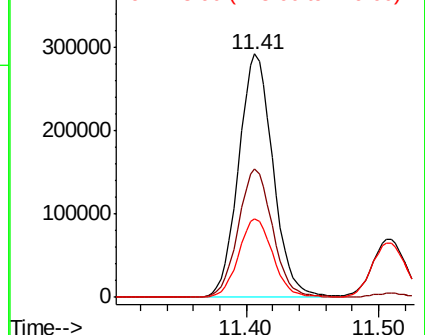


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.684 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion:164 Resp: 190728

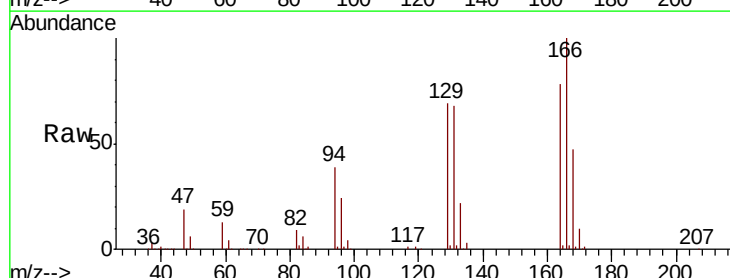
Ion Ratio Lower Upper

164 100

166 128.9 103.4 155.0

129 88.4 72.0 108.0

131 87.6 70.2 105.2



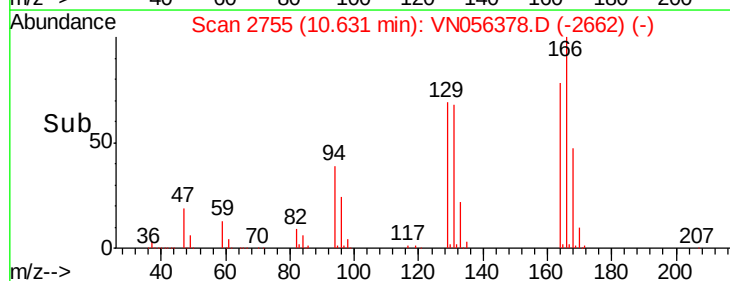
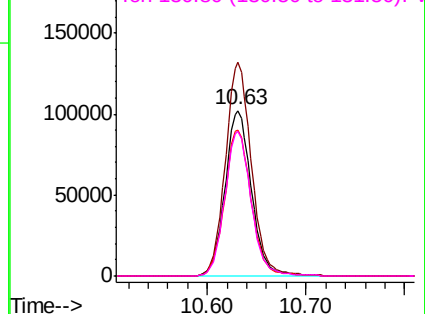
Abundance

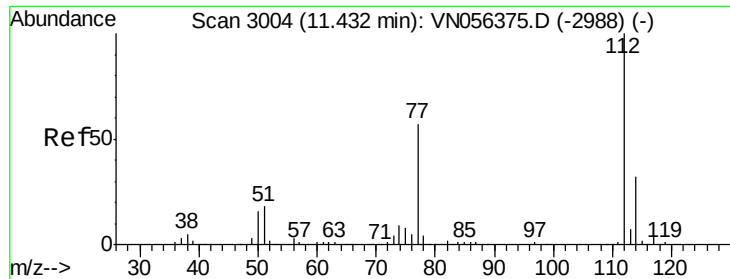
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

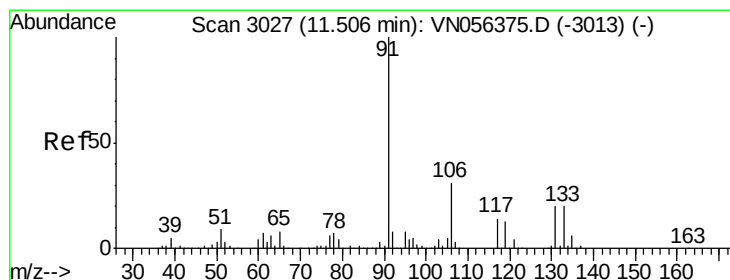
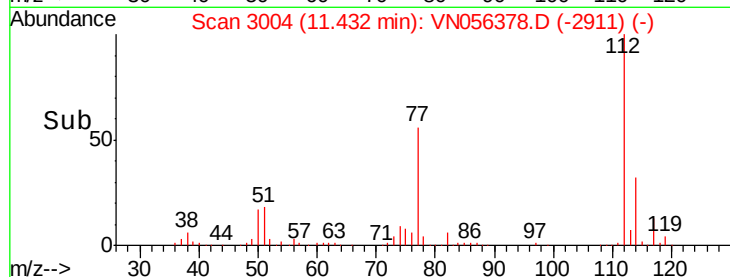
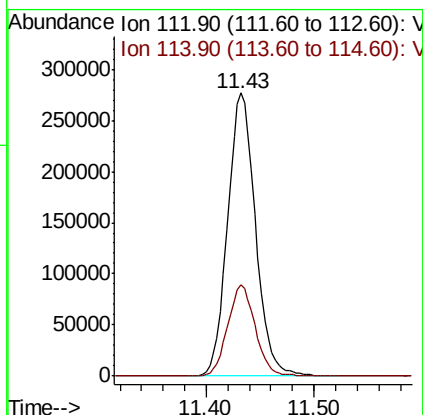
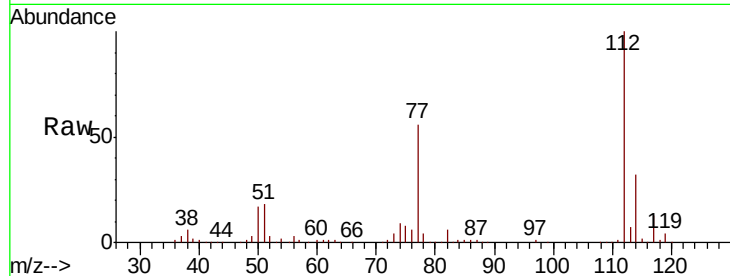




#65
Chlorobenzene
Concen: 47.056 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

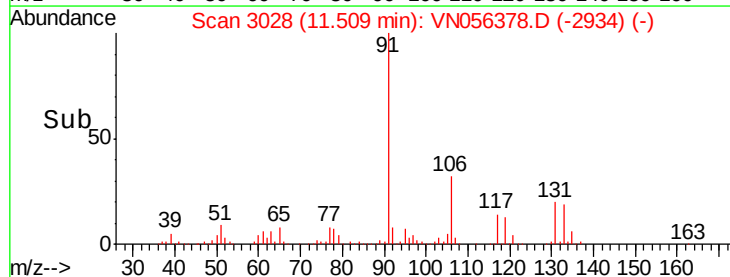
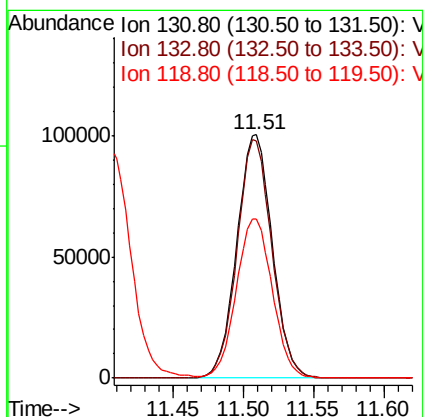
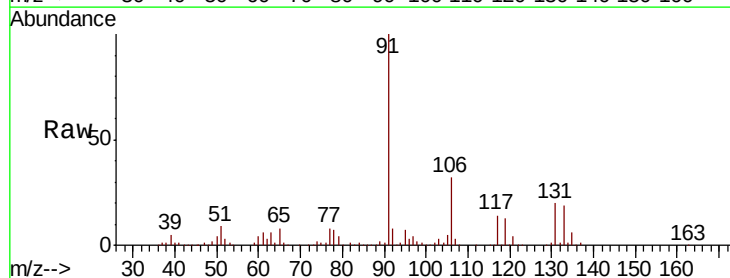
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

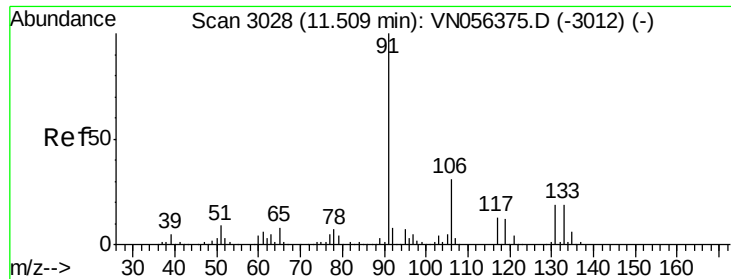
Tot Ion:112 Resp: 498469
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.485 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion:131 Resp: 177170
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 66.5 32.8 98.4

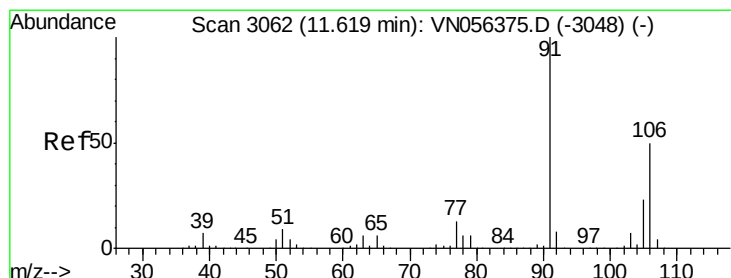
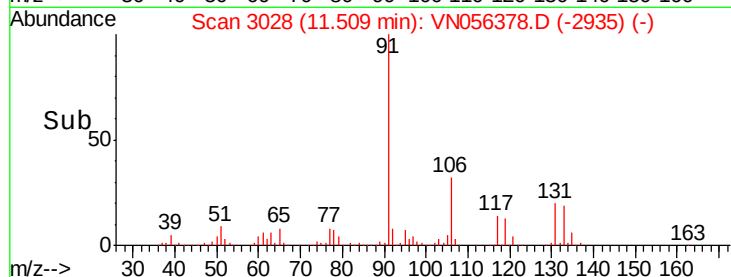
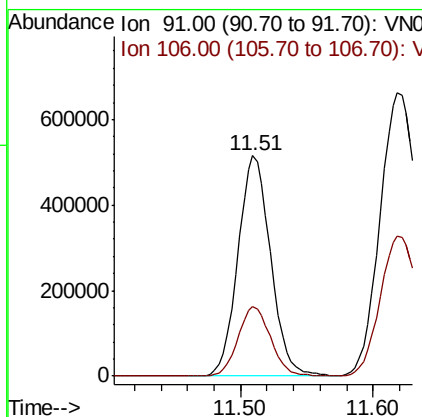
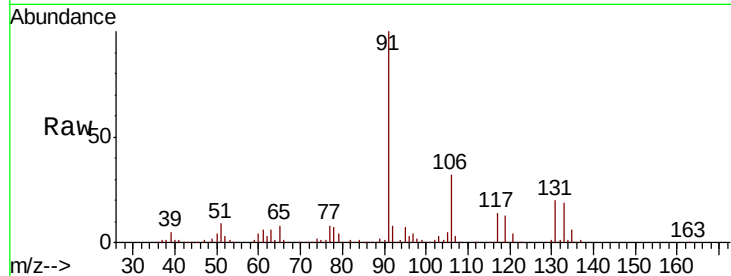




#67
Ethyl Benzene
Concen: 47.476 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

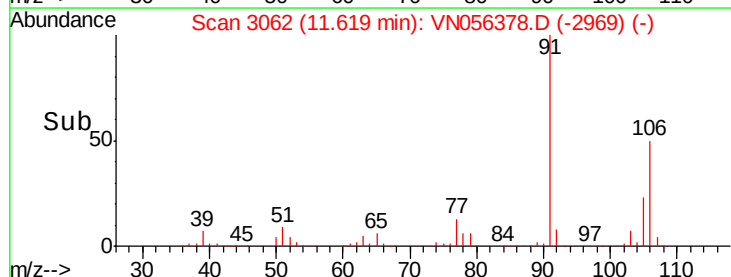
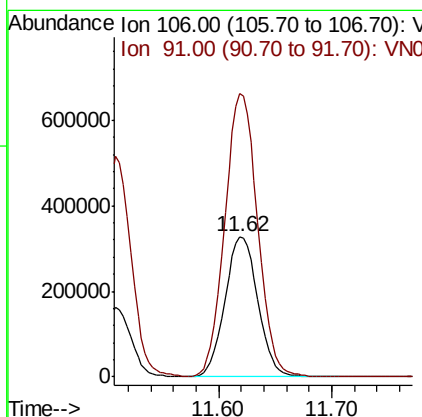
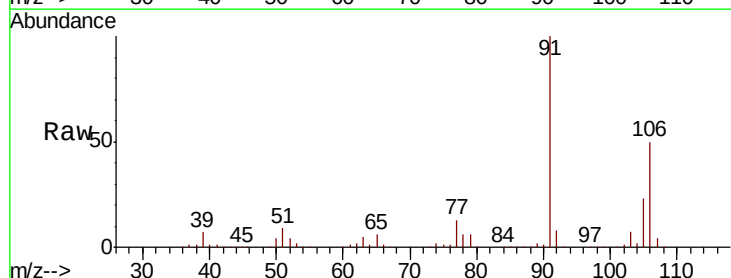
Instrument :
MSVOA_N
ClientSampled :
ICV061919

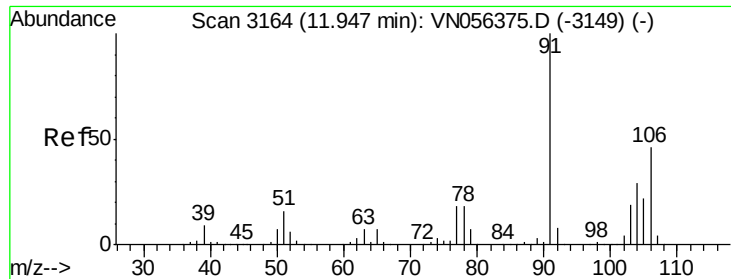
Tot Ion: 91 Resp: 883050
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 96.991 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 106 Resp: 661145
Ion Ratio Lower Upper
106 100
91 201.7 160.1 240.1

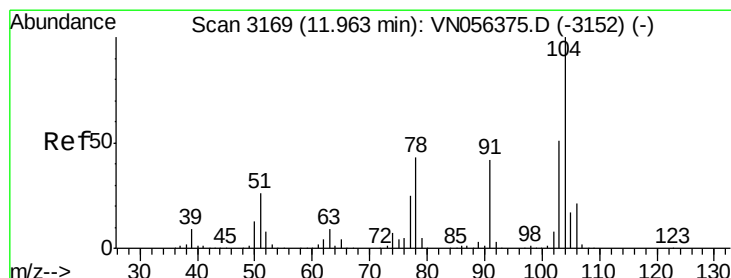
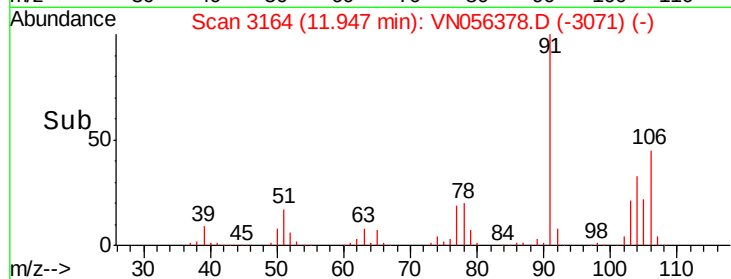
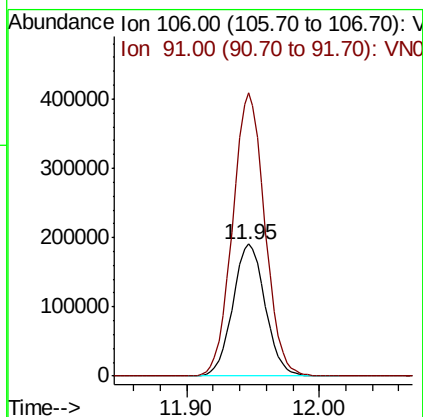
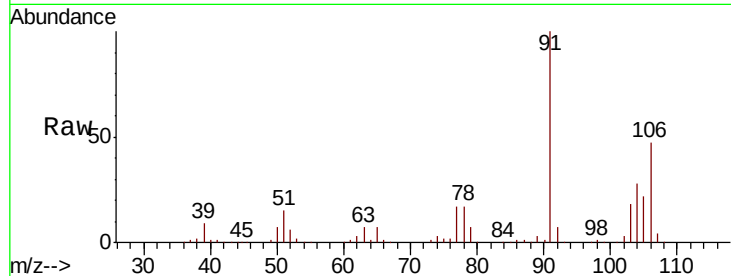




#69
o-Xylene
Concen: 48.110 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

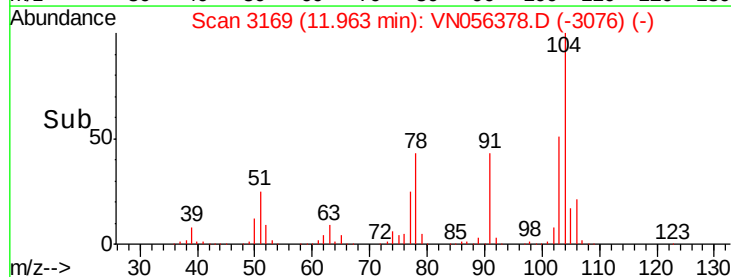
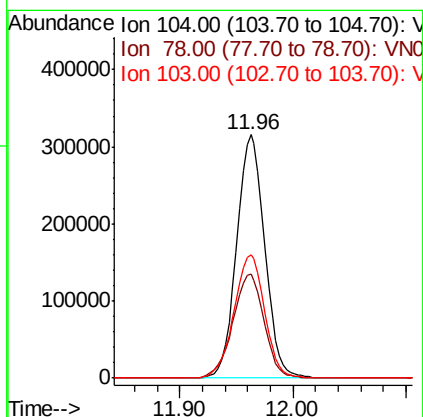
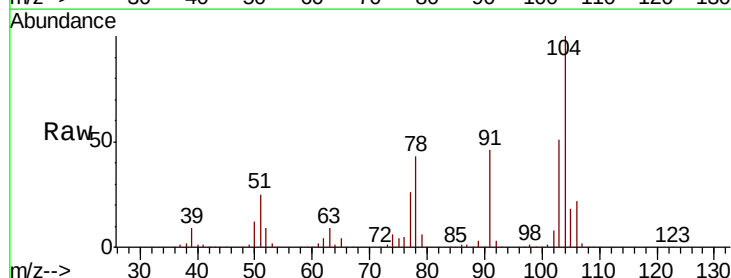
Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

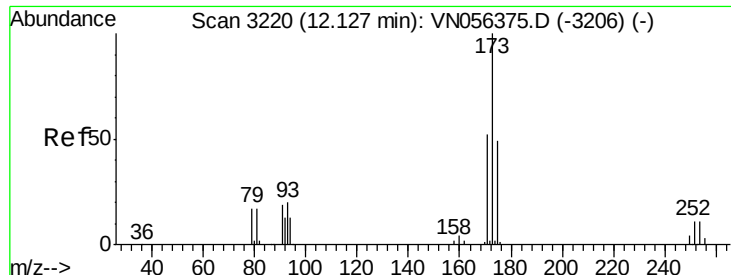
Tot Ion:106 Resp: 324444
Ion Ratio Lower Upper
106 100
91 212.4 107.1 321.3



#70
Styrene
Concen: 50.619 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion:104 Resp: 545644
Ion Ratio Lower Upper
104 100
78 47.4 38.6 57.8
103 55.3 43.9 65.9

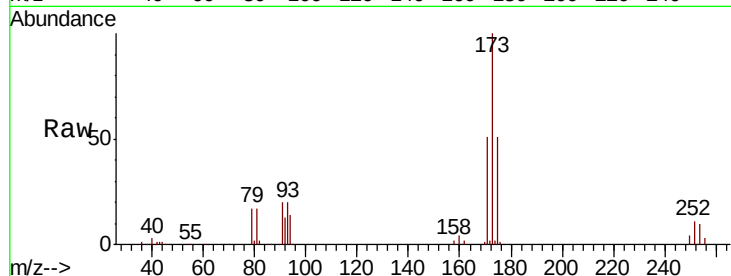




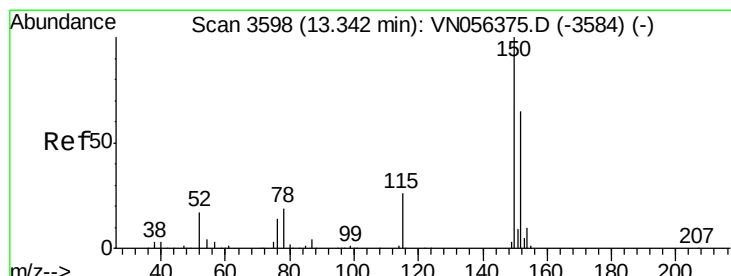
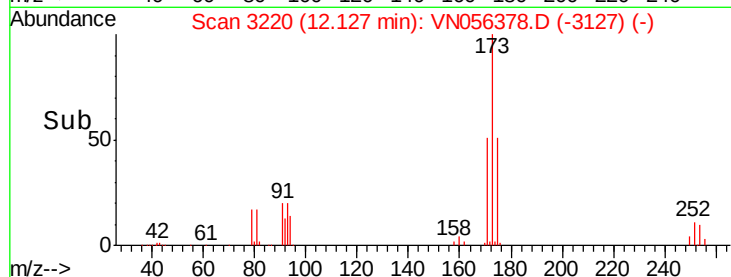
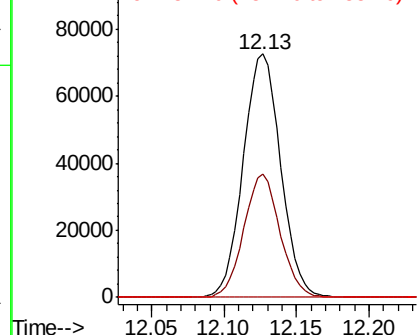
#71
Bromoform
Concen: 45.449 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion:173 Resp: 130389
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.0 0.0 0.0

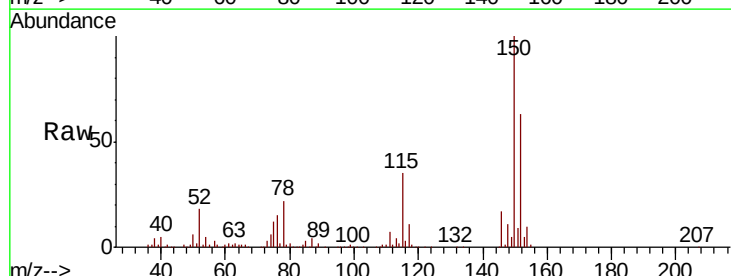


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

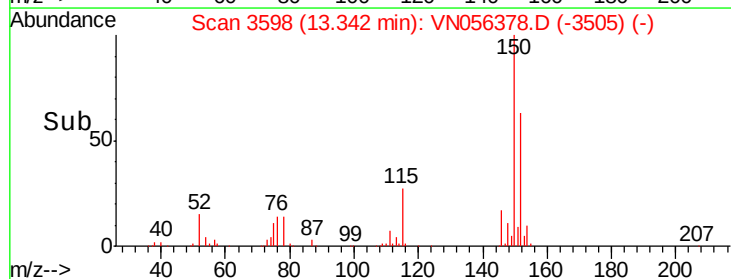
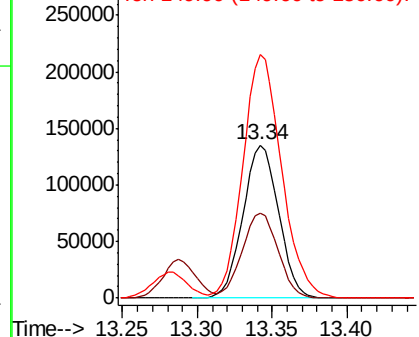


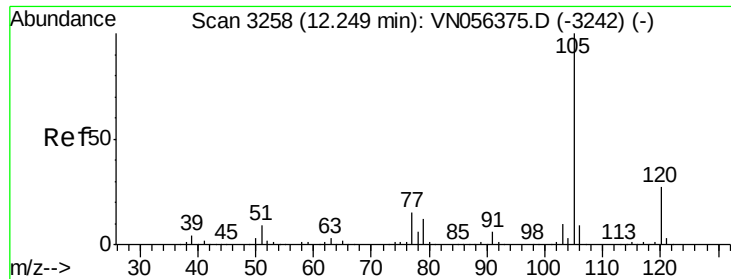
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion:152 Resp: 223864
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.4
150 173.4 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: 51.256 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

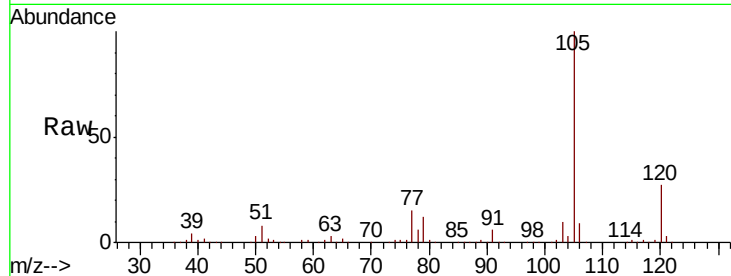
ICVVN061919

Tot Ion:105 Resp: 860698

Ion Ratio Lower Upper

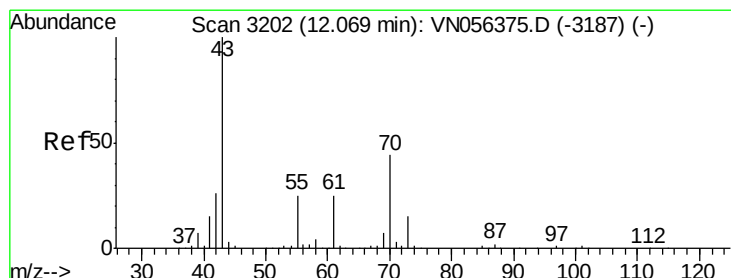
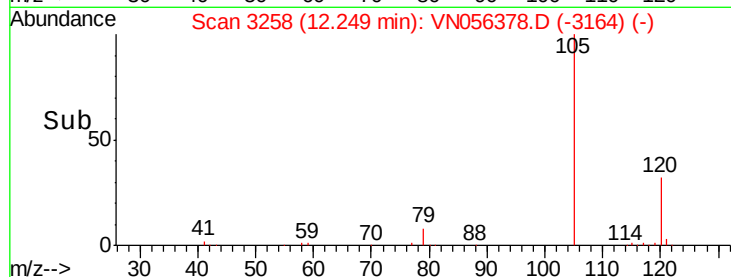
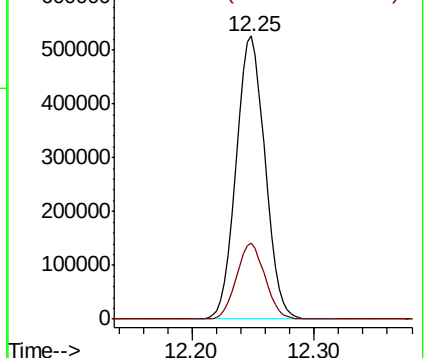
105 100

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



#74

N-ethyl acetate

Concen: 46.065 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion: 43 Resp: 328195

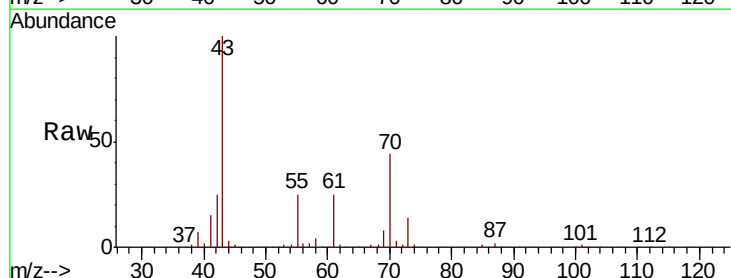
Ion Ratio Lower Upper

43 100

70 43.9 34.9 52.3

55 24.7 20.4 30.6

61 24.9 19.8 29.8

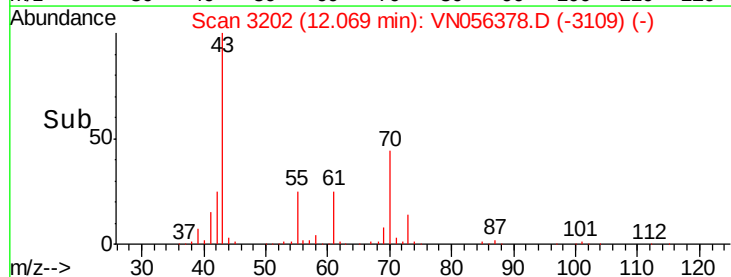
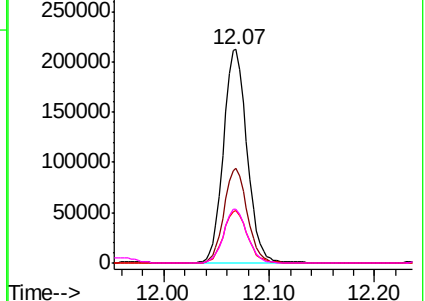


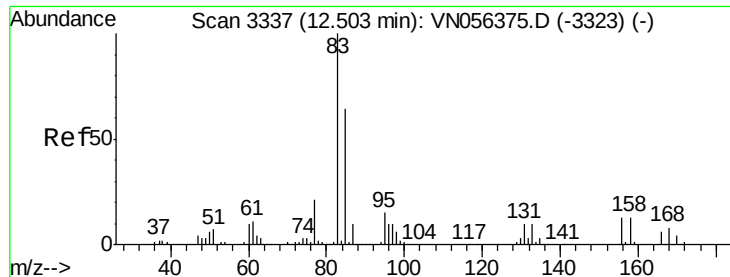
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.421 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

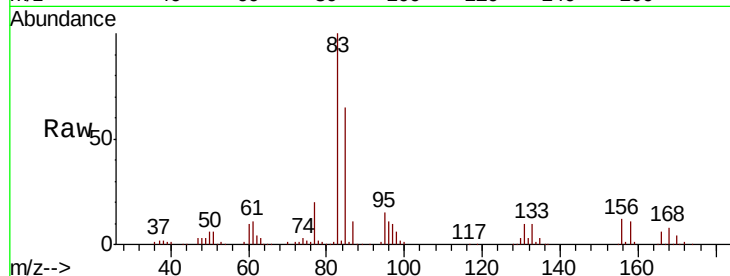
Tot Ion: 83 Resp: 267214

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

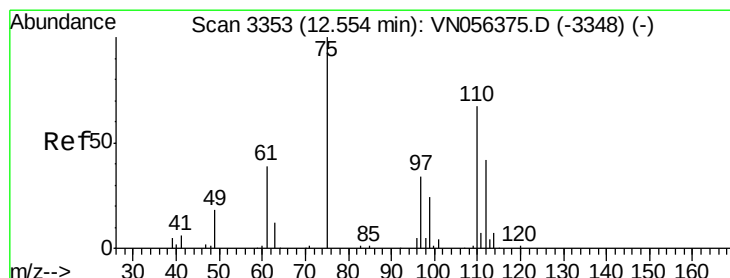
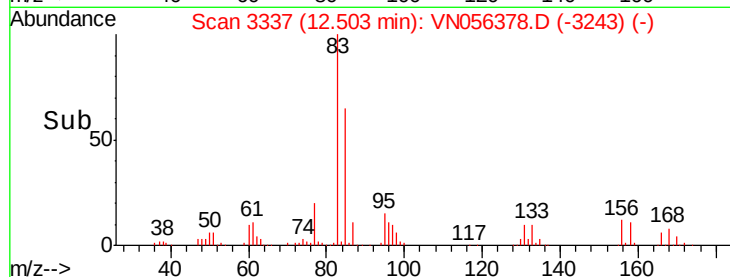
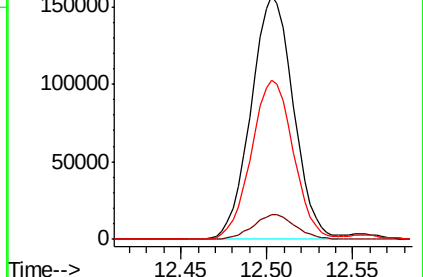
85 65.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 67.475 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056378.D

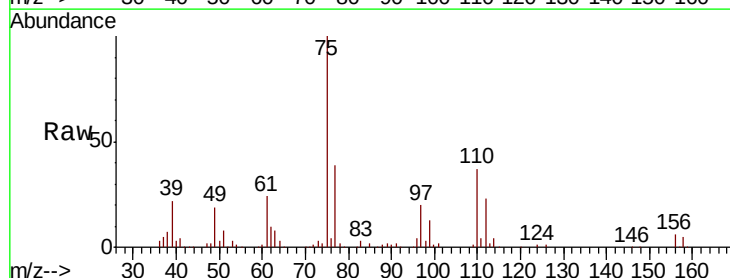
Acq: 19 Jun 2019 11:12

Tgt Ion: 75 Resp: 313209

Ion Ratio Lower Upper

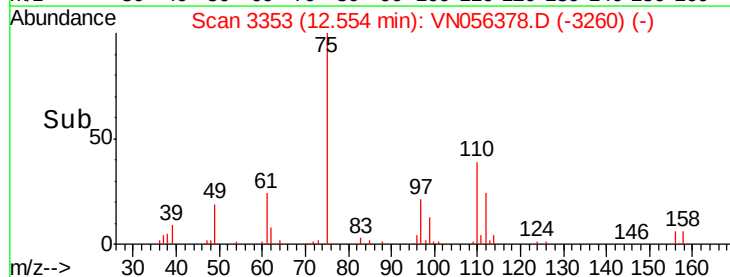
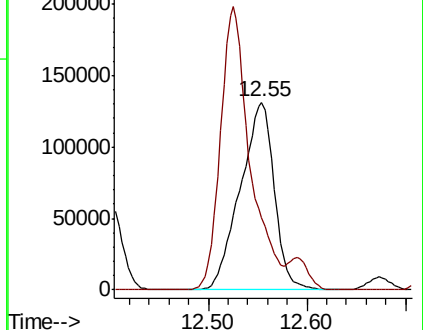
75 100

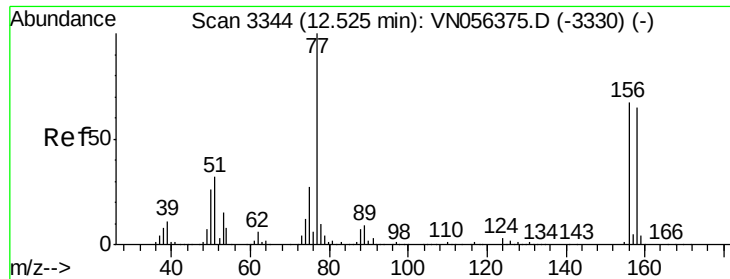
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

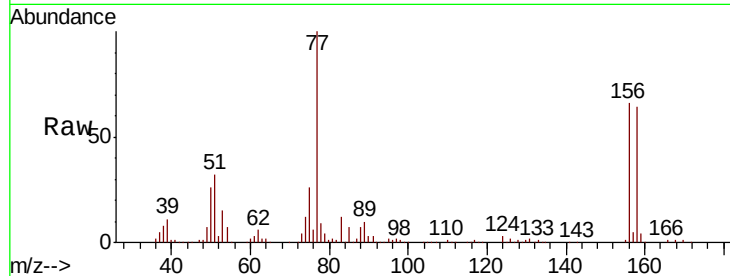




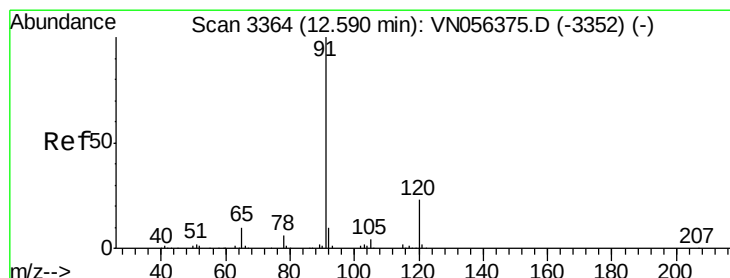
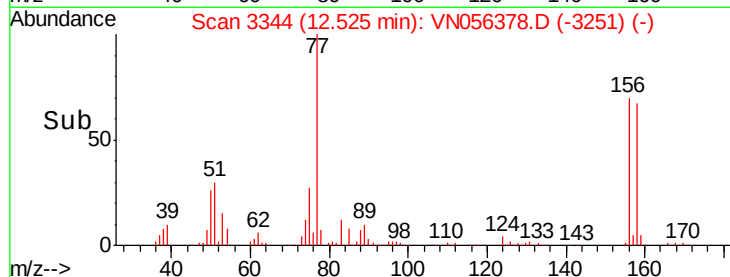
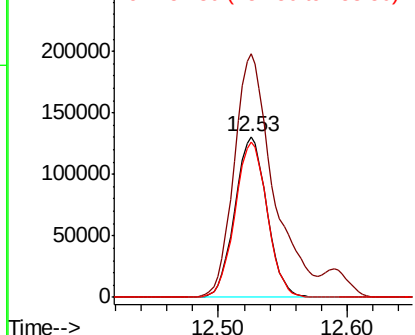
#77
Bromobenzene
Concen: 45.090 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion:156 Resp: 225703
Ion Ratio Lower Upper
156 100
77 185.0 92.5 277.3
158 97.2 48.7 146.1

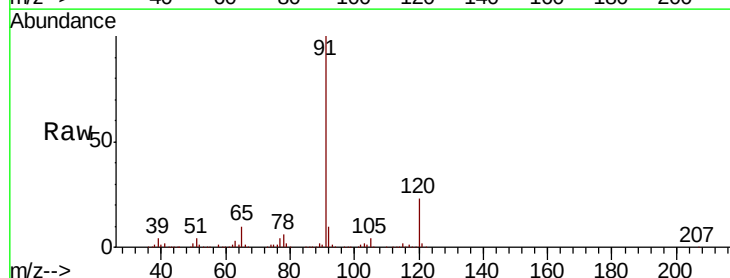


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

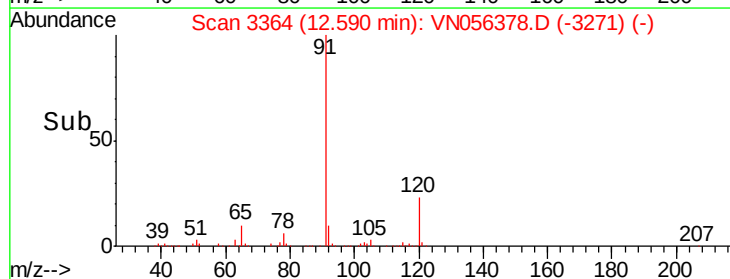
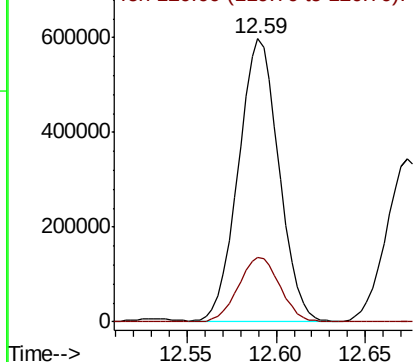


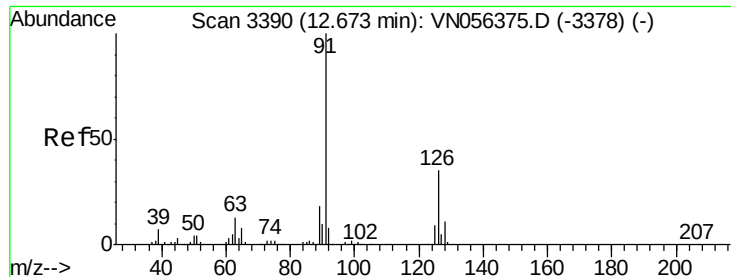
#78
n-propylbenzene
Concen: 45.990 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 91 Resp: 942818
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.715 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

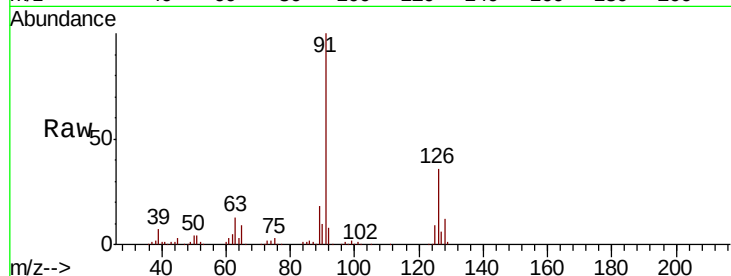
ICVVN061919

Tot Ion: 91 Resp: 569698

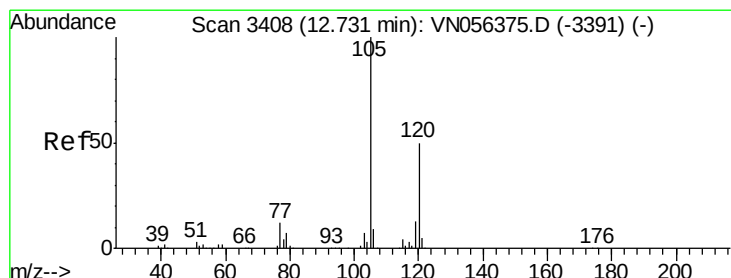
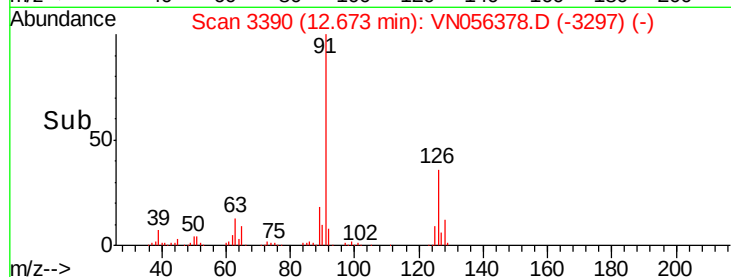
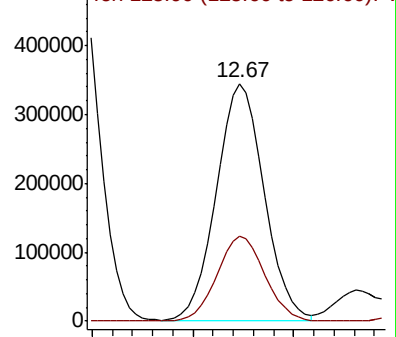
Ion Ratio Lower Upper

91 100

126 36.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN056378.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.577 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056378.D

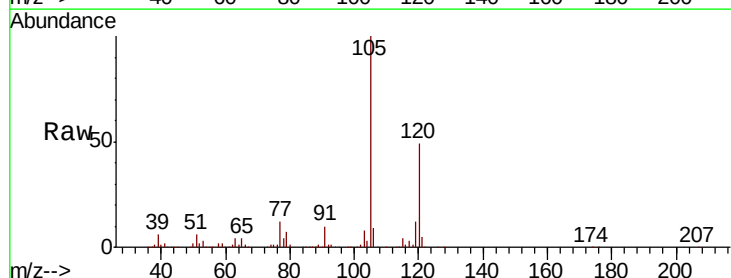
Acq: 19 Jun 2019 11:12

Tgt Ion:105 Resp: 712195

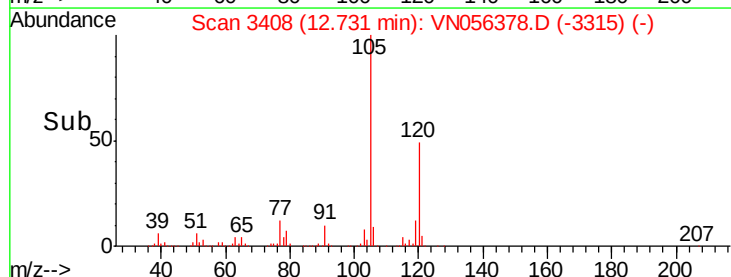
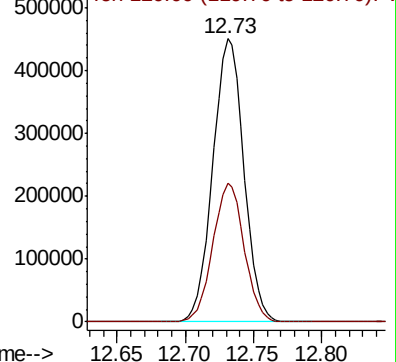
Ion Ratio Lower Upper

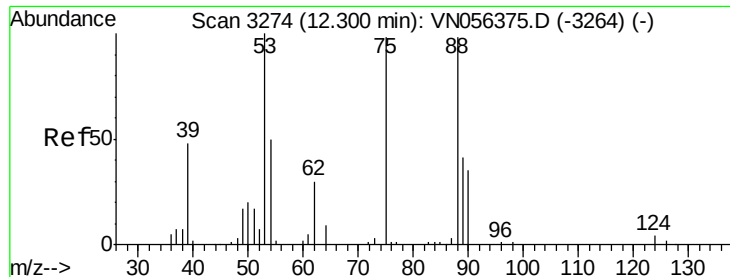
105 100

120 49.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056378.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.573 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

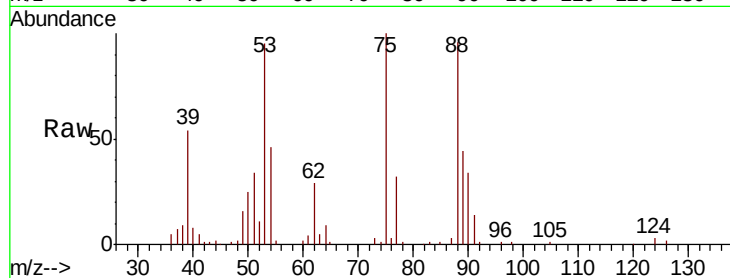
Tot Ion: 75 Resp: 66050

Ion Ratio Lower Upper

75 100

53 97.0 83.9 125.9

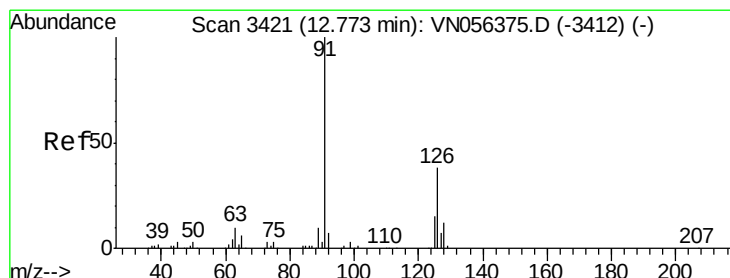
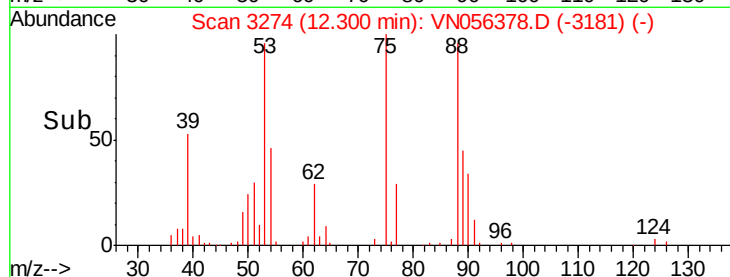
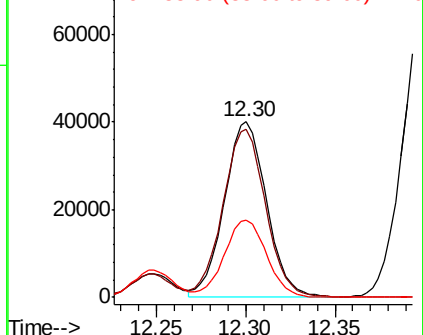
89 44.2 35.0 52.6



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: 46.083 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056378.D

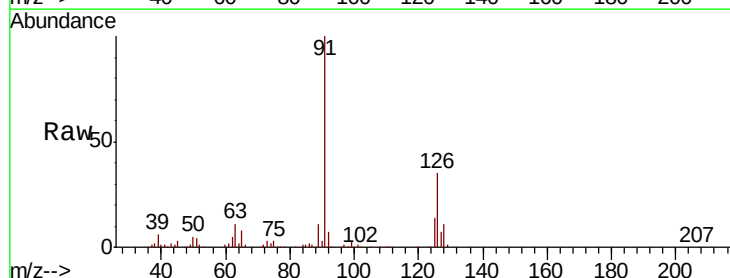
Acq: 19 Jun 2019 11:12

Tgt Ion: 91 Resp: 557804

Ion Ratio Lower Upper

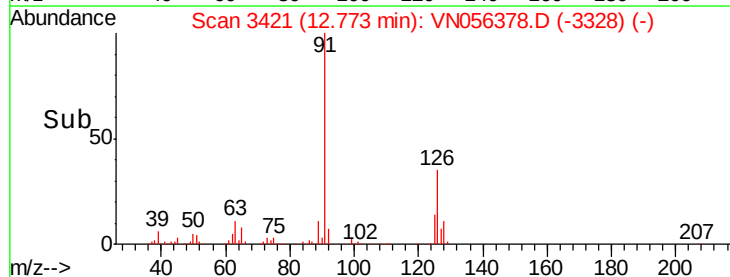
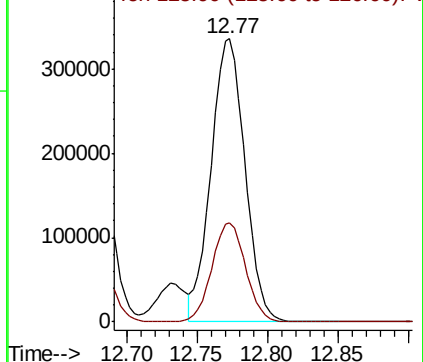
91 100

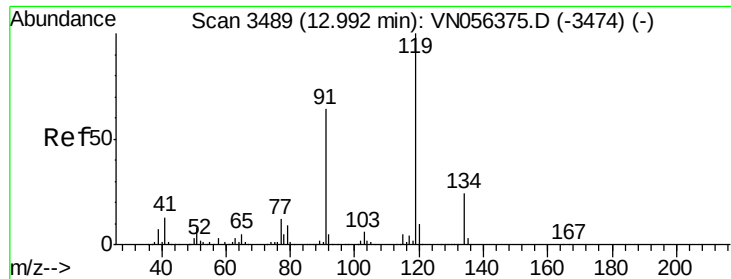
126 35.0 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

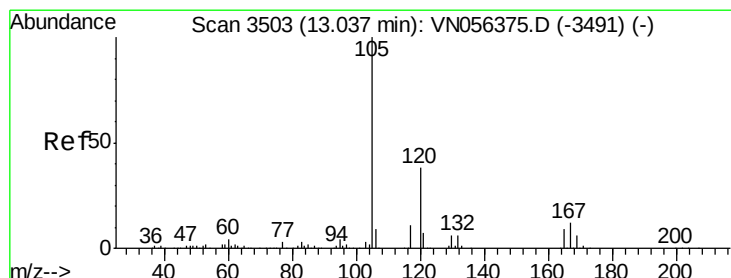
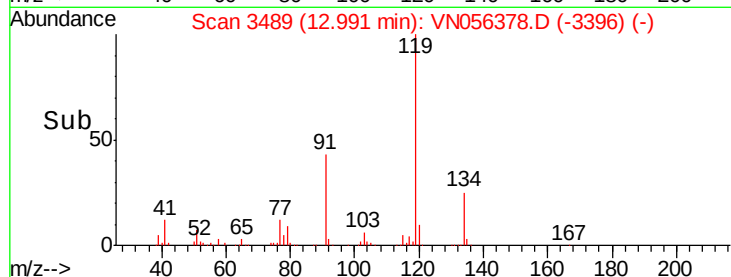
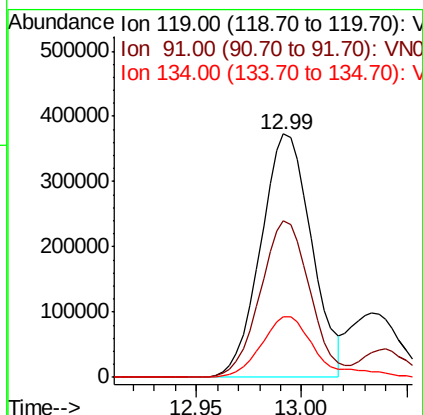
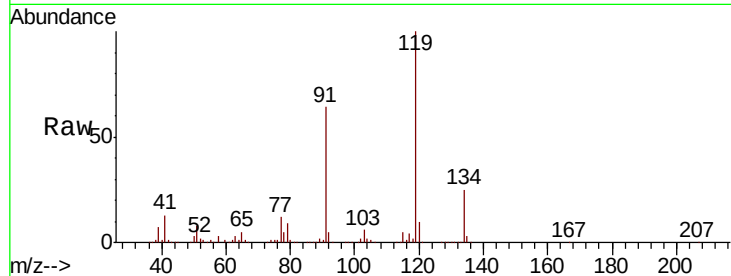




#83
 tert-Butylbenzene
 Concen: 51.028 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

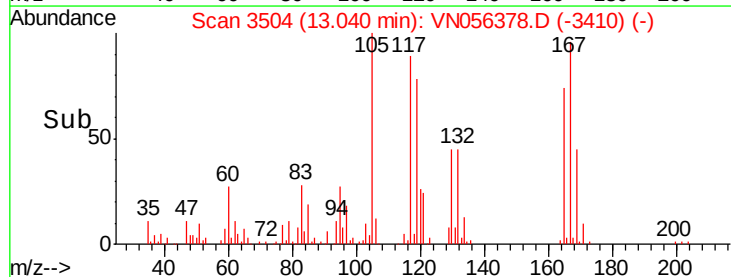
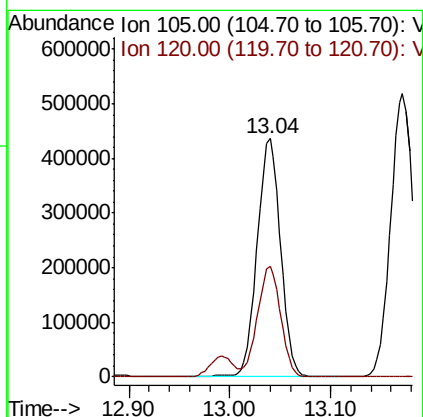
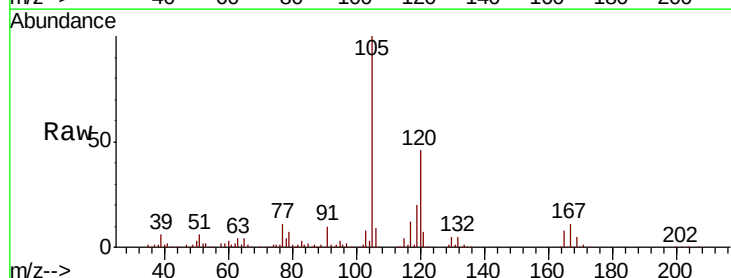
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

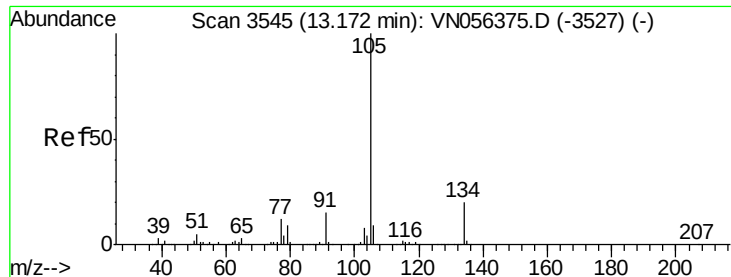
Tot Ion:119 Resp: 625745
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.6 94.7
 134 26.9 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 46.364 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion:105 Resp: 698733
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 45.647 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

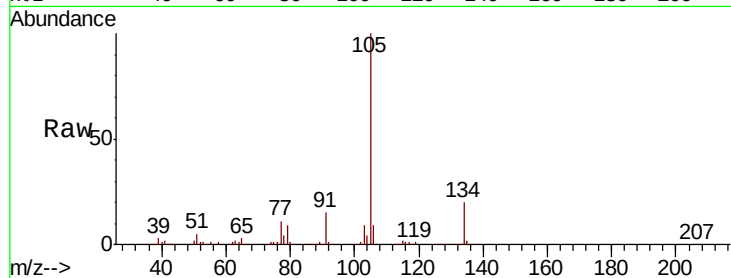
ICVVN061919

Tot Ion:105 Resp: 822495

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

600000

500000

400000

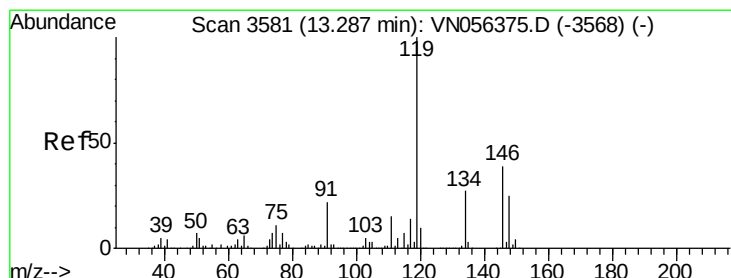
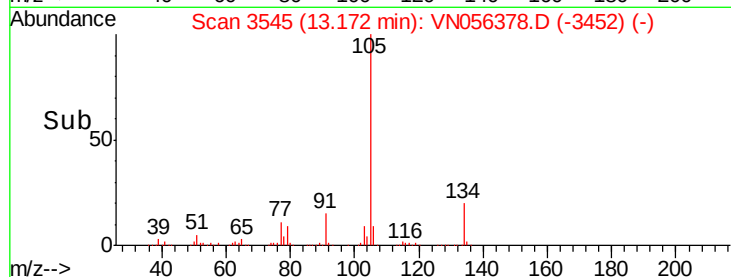
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.118 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

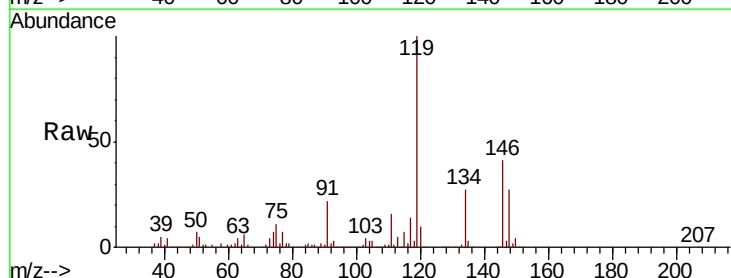
Tgt Ion:119 Resp: 728627

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.2 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

600000

500000

400000

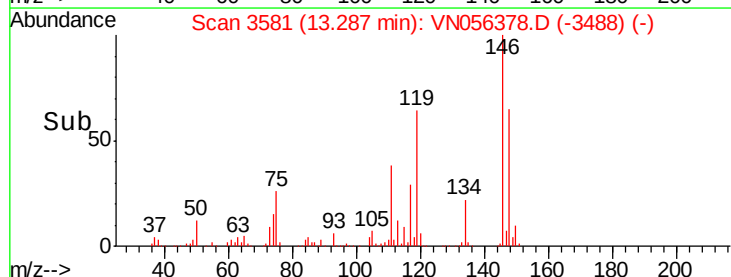
300000

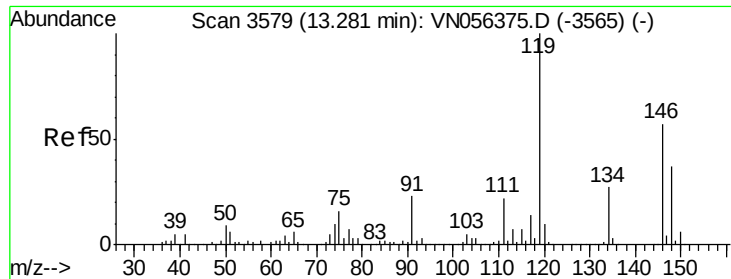
200000

100000

0

Time-->

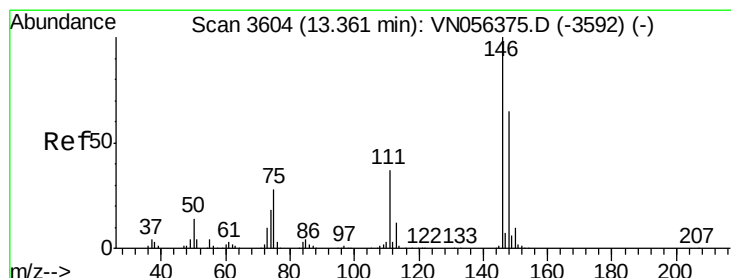
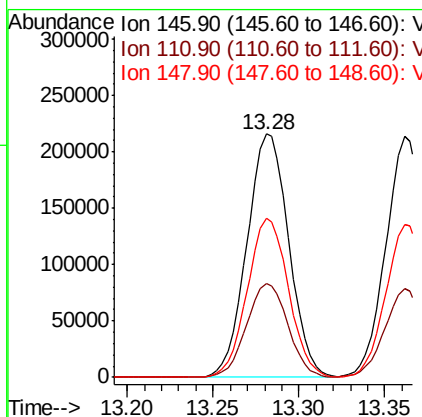
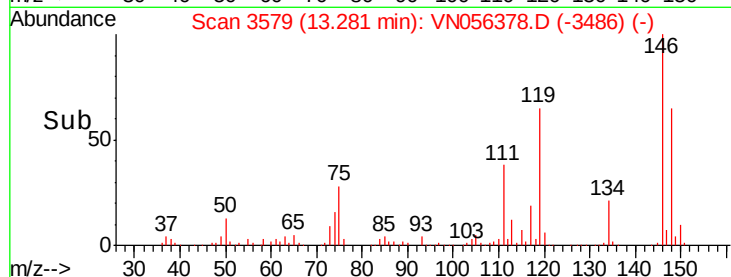
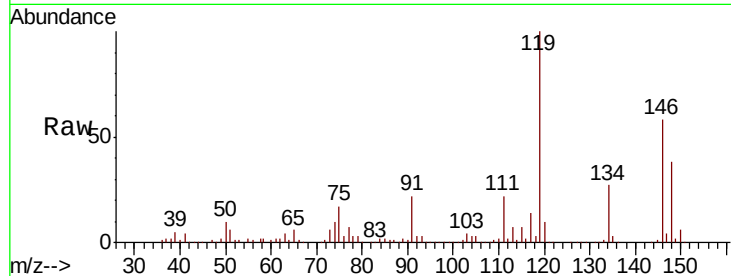




#87
 1,3-Dichlorobenzene
 Concen: 47.942 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

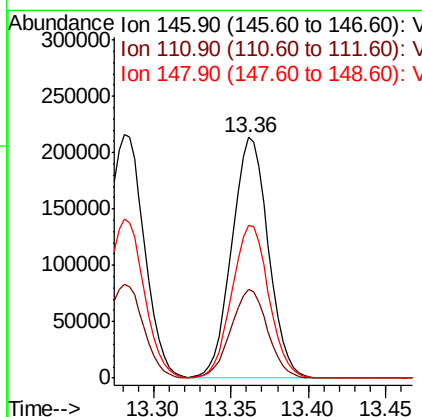
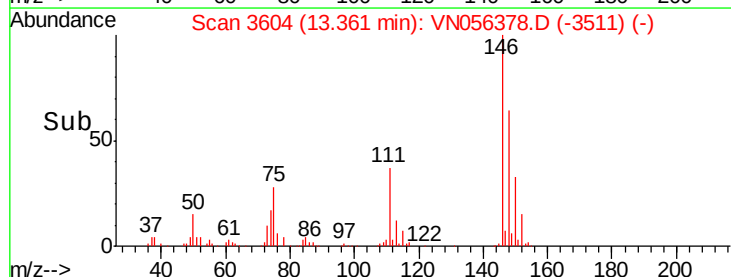
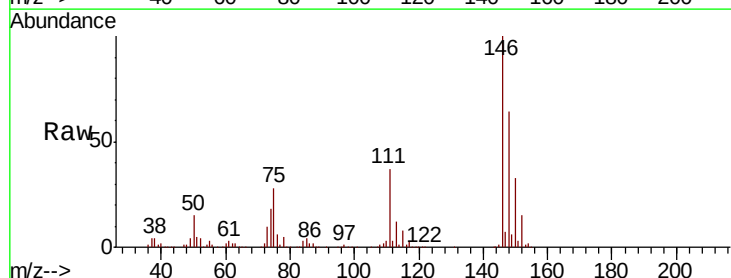
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

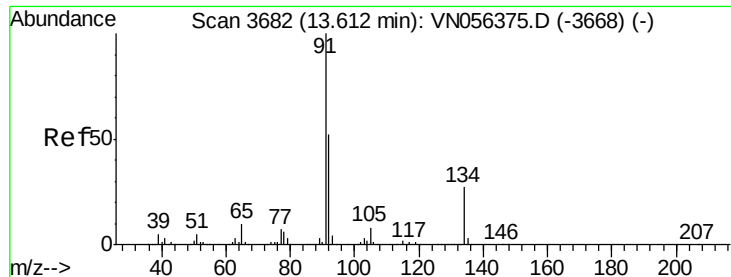
Tot Ion:146 Resp: 363677
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.622 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion:146 Resp: 349849
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.4
 148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 48.729 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampled :

ICVVN061919

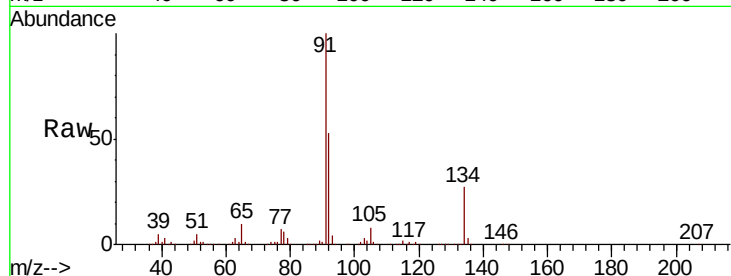
Tot Ion: 91 Resp: 570441

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.5

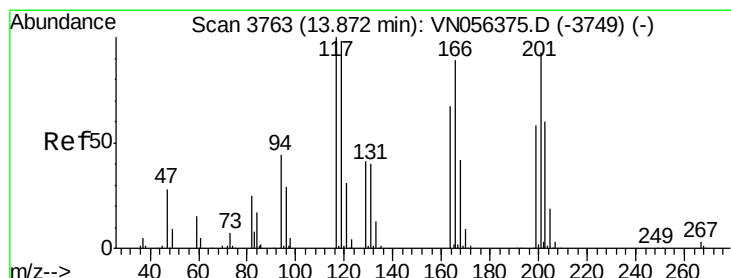
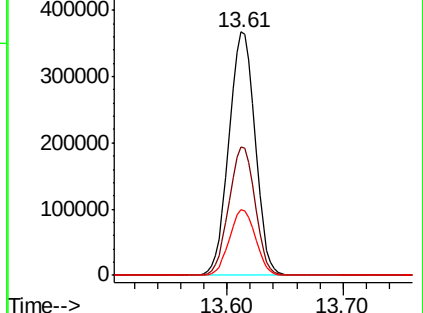
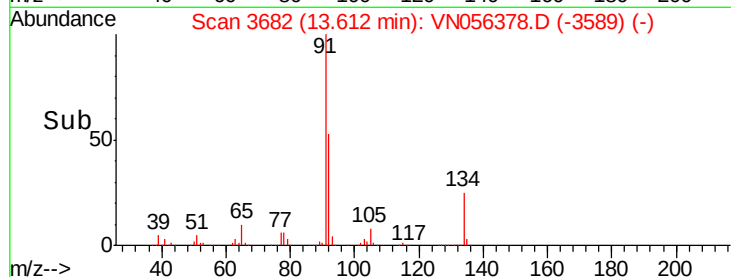
134 26.8 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056378.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056378.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056378.D (-3668) (-)



#90

Hexachloroethane

Concen: 47.353 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056378.D

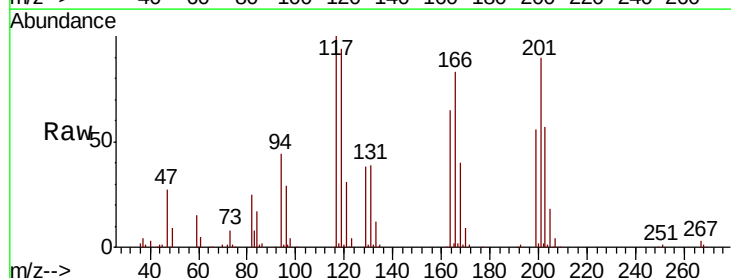
Acq: 19 Jun 2019 11:12

Tgt Ion: 117 Resp: 114162

Ion Ratio Lower Upper

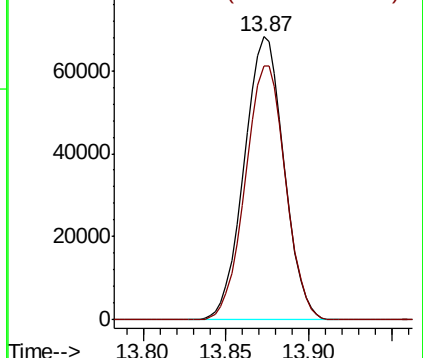
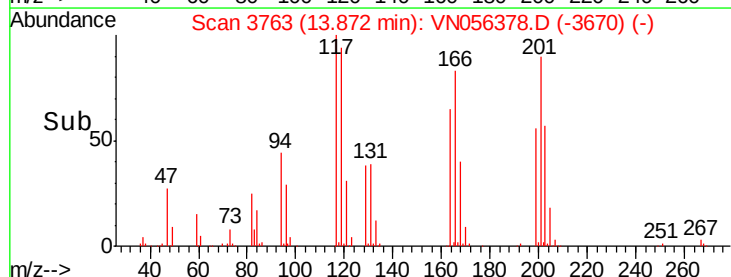
117 100

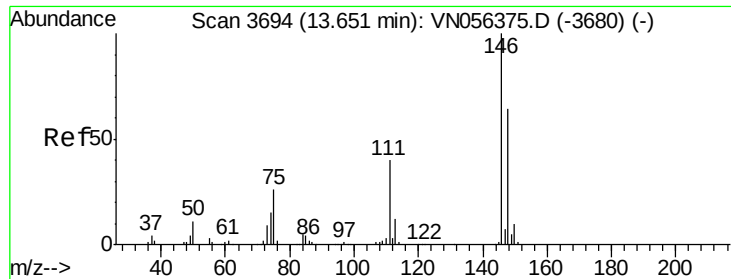
201 90.4 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN056378.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056378.D (-3749) (-)

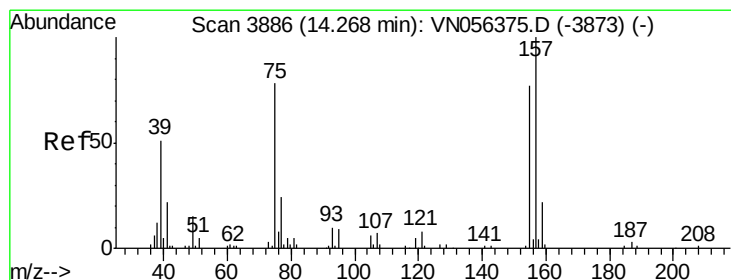
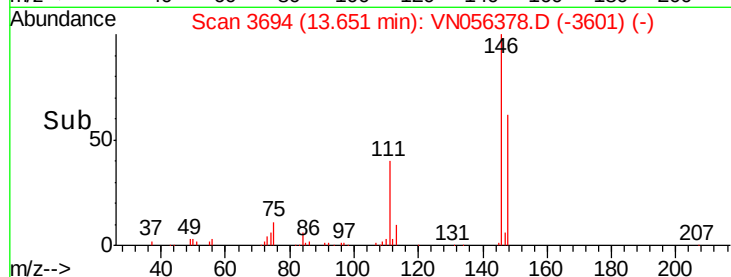
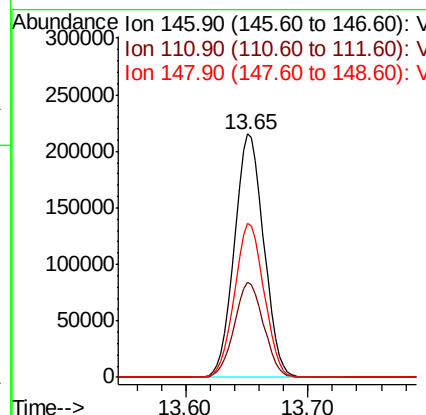
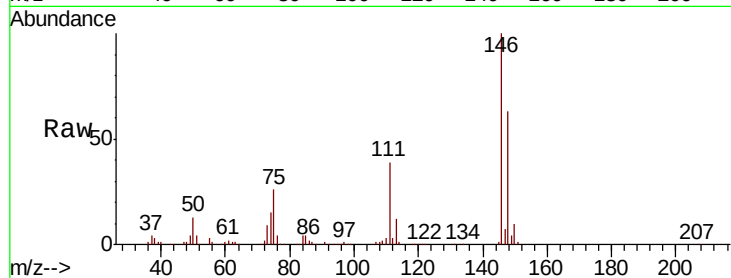




#91
 1,2-Dichlorobenzene
 Concen: 47.970 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

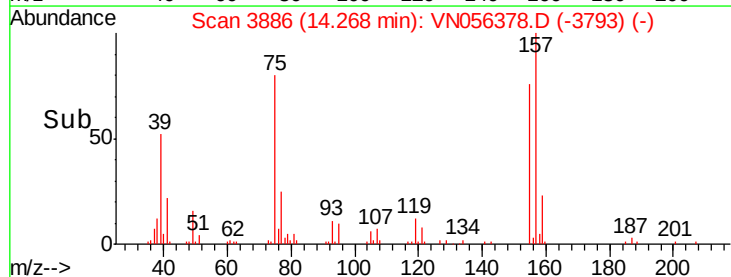
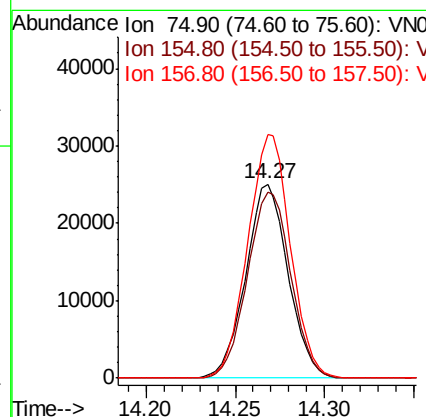
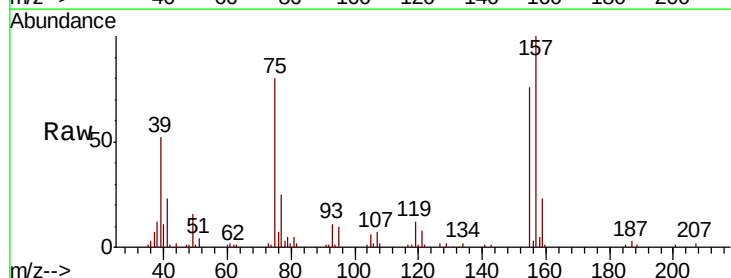
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

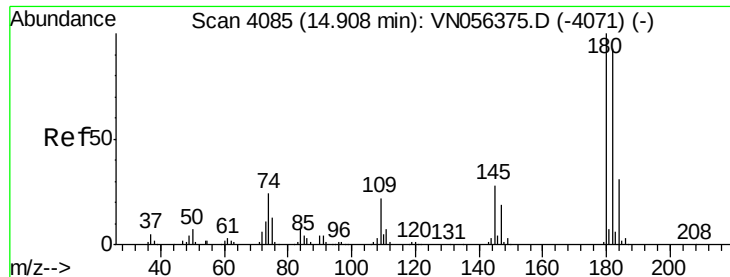
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.9
148	63.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.126 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	48.9	146.8
157	126.3	62.9	188.8

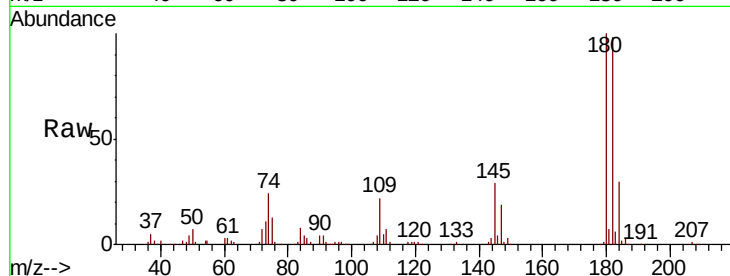




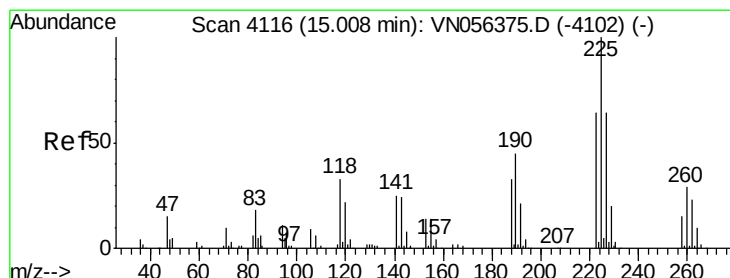
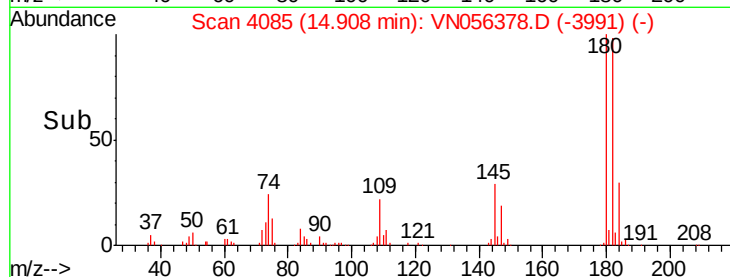
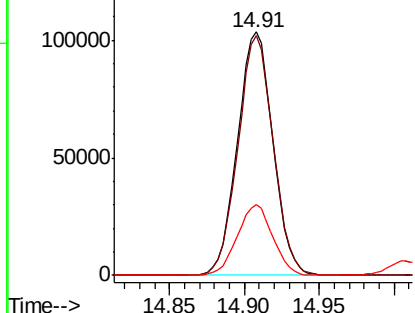
#93
 1,2,4-Trichlorobenzene
 Concen: 44.301 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061919

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	46.9	140.6
145	28.9	14.4	43.0

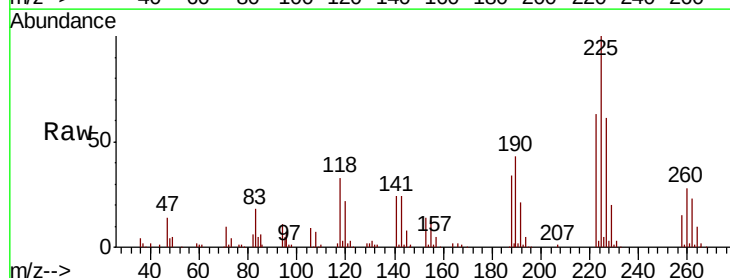


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

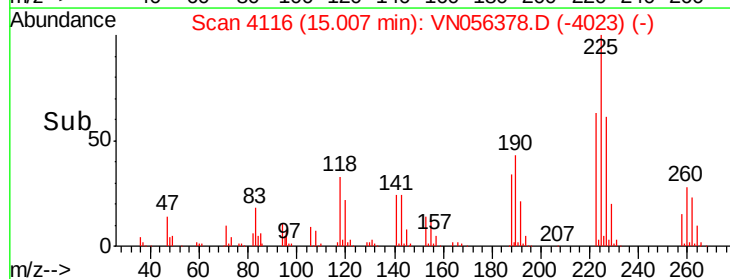
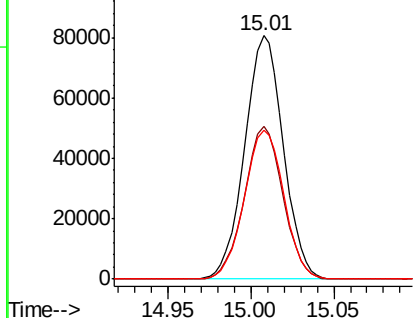


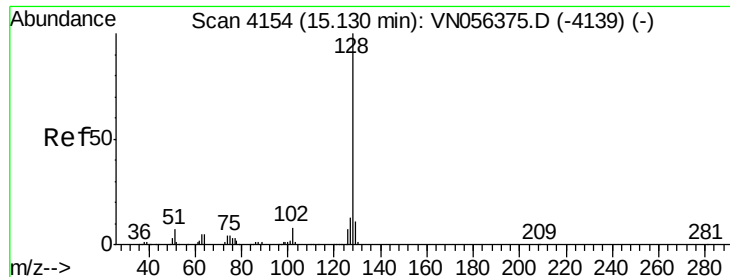
#94
 Hexachlorobutadiene
 Concen: 51.236 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.4	94.3
227	62.3	32.1	96.3



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





#95

Naphthalene

Concen: 48.060 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

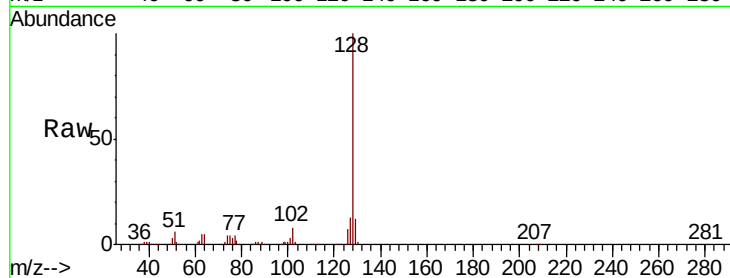
Tot Ion:128 Resp: 489963

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

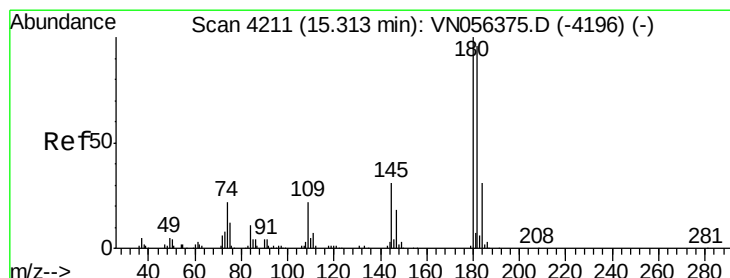
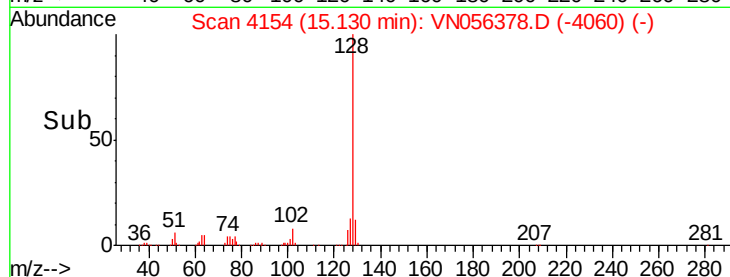
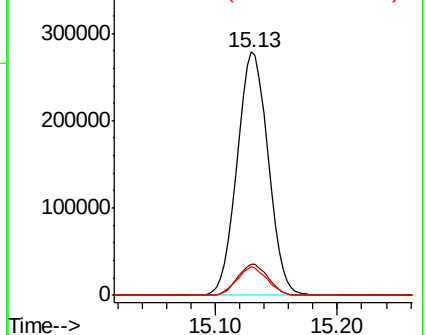
129 11.4 8.6 12.8



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: 48.140 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

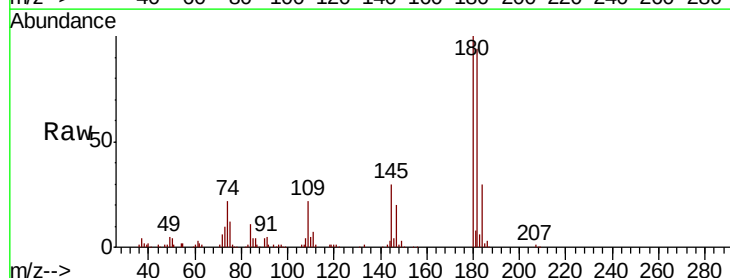
Tgt Ion:180 Resp: 194756

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.8

145 29.8 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

