

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063412.D
 Acq On : 17 Sep 2020 12:26
 Operator : JC/MD
 Sample : VN0917WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Quant Time: Sep 18 02:48:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	258076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	448257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	223693	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.55	113	153635	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.06	98	587149	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.38	95	222122	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	57322	19.606	ug/l	98
3) Chloromethane	2.04	50	71029	18.364	ug/l	99
4) Vinyl Chloride	2.16	62	69987	20.423	ug/l	100
5) Bromomethane	2.53	94	44811	22.024	ug/l	95
6) Chloroethane	2.68	64	41182	19.578	ug/l	97
7) Trichlorofluoromethane	2.99	101	103066	20.159	ug/l	97
8) Diethyl Ether	3.37	74	40065	20.102	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56299	19.580	ug/l	98
10) Methyl Iodide	3.91	142	73991	19.765	ug/l	99
11) Tert butyl alcohol	4.72	59	57640	94.708	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	55794	19.158	ug/l	98
13) Acrolein	3.56	56	20422	90.547	ug/l	92
14) Allyl chloride	4.28	41	110760	19.227	ug/l	99
15) Acrylonitrile	4.93	53	155714	100.585	ug/l	98
16) Acetone	3.77	43	139248	98.626	ug/l	95
17) Carbon Disulfide	4.01	76	157775	18.625	ug/l	99
18) Methyl Acetate	4.28	43	71317	19.897	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	210773	19.418	ug/l	99
20) Methylene Chloride	4.50	84	69547	19.442	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	61231	18.976	ug/l	97
22) Diisopropyl ether	5.90	45	230039	19.580	ug/l	96
23) Vinyl Acetate	5.84	43	974935	101.040	ug/l	100
24) 1,1-Dichloroethane	5.80	63	125348	19.542	ug/l	99
25) 2-Butanone	6.78	43	214221	98.654	ug/l	100
26) 2,2-Dichloropropane	6.78	77	104030	18.421	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	71660	19.621	ug/l	96
28) Bromochloromethane	7.15	49	57533	19.426	ug/l	100
29) Tetrahydrofuran	7.16	42	145338	98.000	ug/l	99
30) Chloroform	7.33	83	125082	19.436	ug/l	98
31) Cyclohexane	7.61	56	113766	18.750	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	110806	19.359	ug/l	99
36) 1,1-Dichloropropene	7.75	75	93605	19.601	ug/l	98
37) Ethyl Acetate	6.88	43	87819	18.737	ug/l	98
38) Carbon Tetrachloride	7.73	117	93673	19.215	ug/l	94

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 Data File : VN063412.D
 Acq On : 17 Sep 2020 12:26
 Operator : JC/MD
 Sample : VN0917WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Quant Time: Sep 18 02:48:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101582	19.599	ug/l	97
40) Benzene	8.00	78	270345	19.831	ug/l	99
41) Methacrylonitrile	7.13	41	38631	18.326	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	107568	19.621	ug/l	100
43) Isopropyl Acetate	8.13	43	160622	19.165	ug/l	99
44) Trichloroethene	8.80	130	64651	19.553	ug/l	98
45) 1,2-Dichloropropane	9.08	63	74686	20.115	ug/l	98
46) Dibromomethane	9.17	93	49144	20.138	ug/l	99
47) Bromodichloromethane	9.37	83	100825	19.888	ug/l	99
48) Methyl methacrylate	9.17	41	79512	19.310	ug/l	98
49) 1,4-Dioxane	9.16	88	23280	393.979	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	478650	102.017	ug/l	100
52) Toluene	10.12	92	166345	20.295	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113532	20.060	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	117264	19.643	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	66235	20.345	ug/l	96
56) Ethyl methacrylate	10.40	69	101145	19.901	ug/l	100
57) 1,3-Dichloropropane	10.68	76	117004	19.929	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	248604	93.246	ug/l	100
59) 2-Hexanone	10.72	43	345734	101.712	ug/l	99
60) Dibromochloromethane	10.87	129	72991	19.845	ug/l	98
61) 1,2-Dibromoethane	10.98	107	68007	20.107	ug/l	99
64) Tetrachloroethene	10.60	164	58358	20.743	ug/l	96
65) Chlorobenzene	11.41	112	173109	19.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65415	20.347	ug/l	100
67) Ethyl Benzene	11.49	91	324378	19.640	ug/l	99
68) m/p-Xylenes	11.59	106	238531	40.055	ug/l	99
69) o-Xylene	11.92	106	115928	20.436	ug/l	98
70) Styrene	11.94	104	196546	20.660	ug/l	99
71) Bromoform	12.10	173	46518	19.423	ug/l #	97
73) Isopropylbenzene	12.22	105	311425	20.092	ug/l	99
74) N-amyl acetate	12.05	43	142715	19.451	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	97553	20.327	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	133424	27.870	ug/l #	100
77) Bromobenzene	12.50	156	73365	21.042	ug/l	96
78) n-propylbenzene	12.57	91	360262	19.956	ug/l	100
79) 2-Chlorotoluene	12.65	91	217269	20.077	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	258812	20.025	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32425	18.569	ug/l	98
82) 4-Chlorotoluene	12.75	91	226517	19.811	ug/l	100
83) tert-Butylbenzene	12.97	119	212320	19.904	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	269853	20.670	ug/l	99
85) sec-Butylbenzene	13.15	105	285439	19.990	ug/l	100
86) p-Isopropyltoluene	13.26	119	257290	20.429	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	126220	19.532	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	129368	19.690	ug/l	99
89) n-Butylbenzene	13.59	91	233810	20.141	ug/l	99
90) Hexachloroethane	13.85	117	45243	18.866	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	129360	20.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22019	19.267	ug/l	94

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Data File : VN063412.D
Acq On : 17 Sep 2020 12:26
Operator : JC/MD
Sample : VN0917WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Quant Time: Sep 18 02:48:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

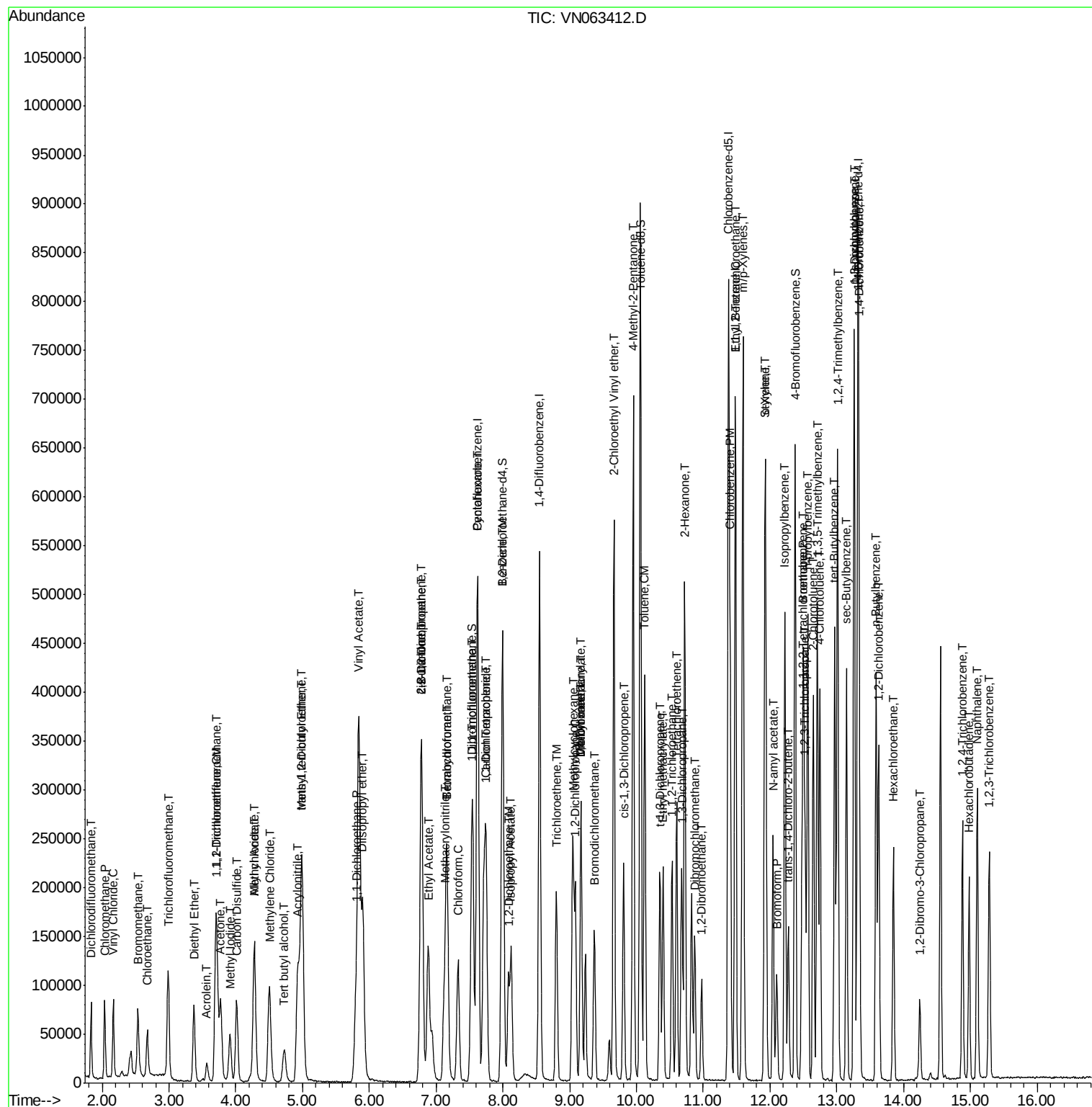
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	75480	20.180	ug/l	98
94) Hexachlorobutadiene	14.98	225	33814	21.838	ug/l	98
95) Naphthalene	15.10	128	240924	19.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	72962	20.189	ug/l	98

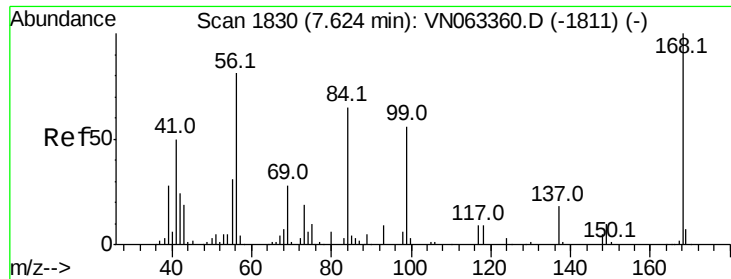
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063412.D
 Acq On : 17 Sep 2020 12:26
 Operator : JC/MD
 Sample : VN0917WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Quant Time: Sep 18 02:48:41 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

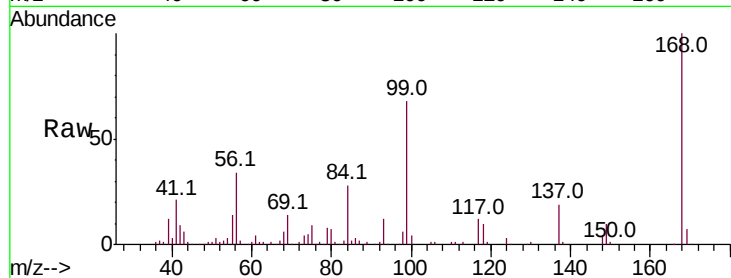
VN0917WBSD01

Tot Ion:168 Resp: 258076

Ion Ratio Lower Upper

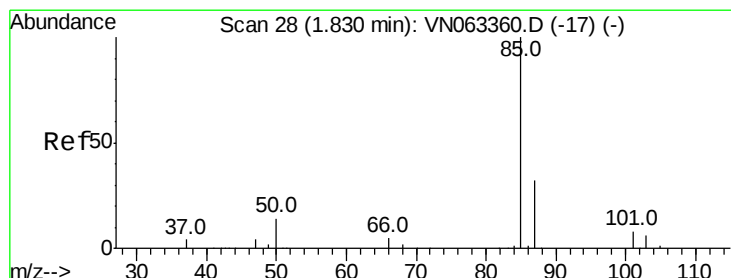
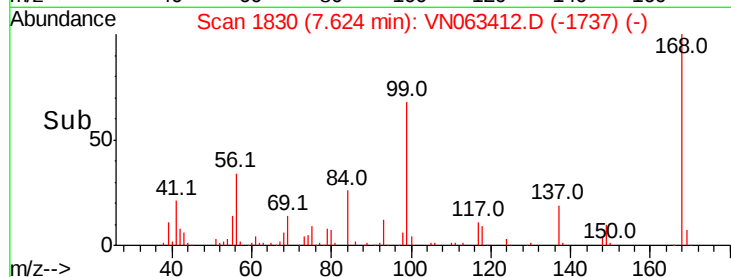
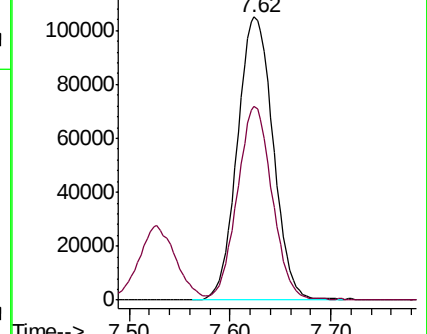
168 100

99 68.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.606 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063412.D

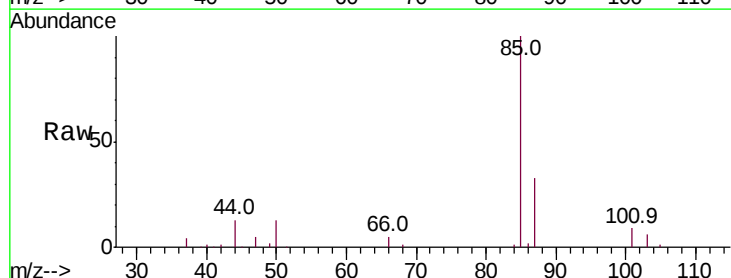
Acq: 17 Sep 2020 12:26

Tgt Ion: 85 Resp: 57322

Ion Ratio Lower Upper

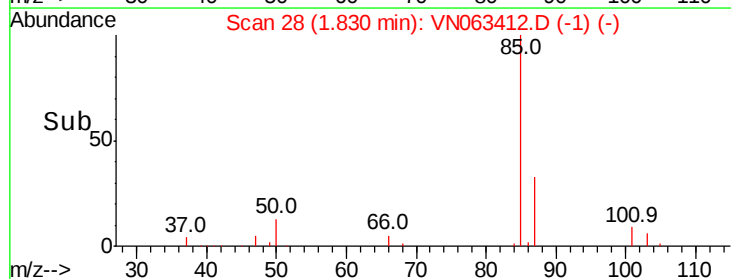
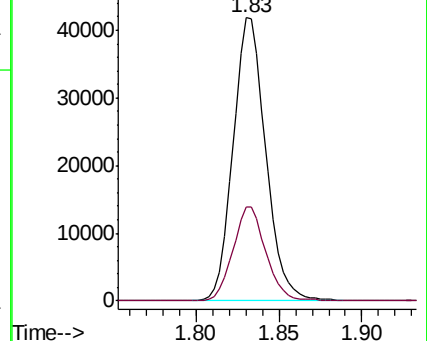
85 100

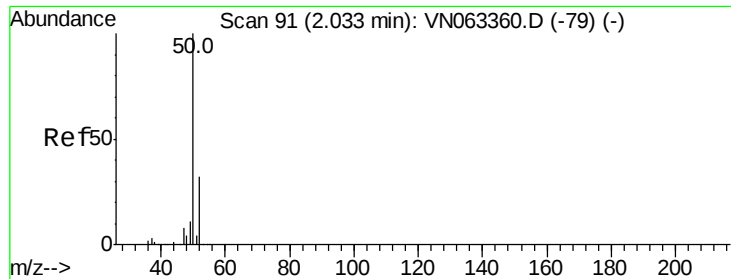
87 33.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

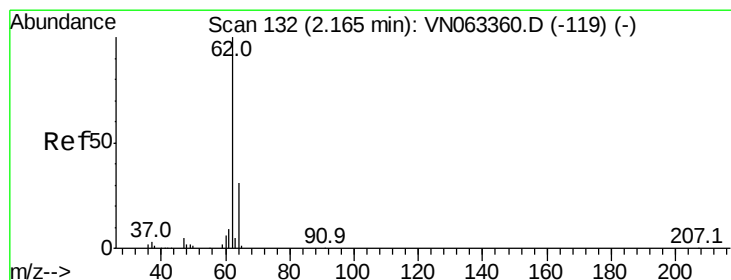
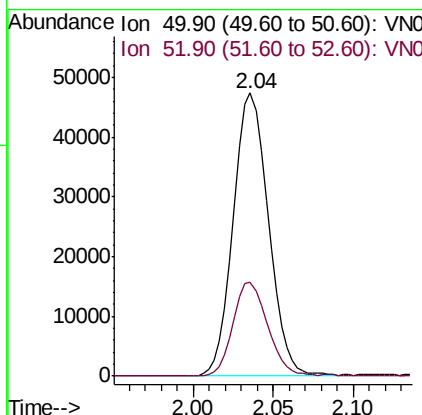
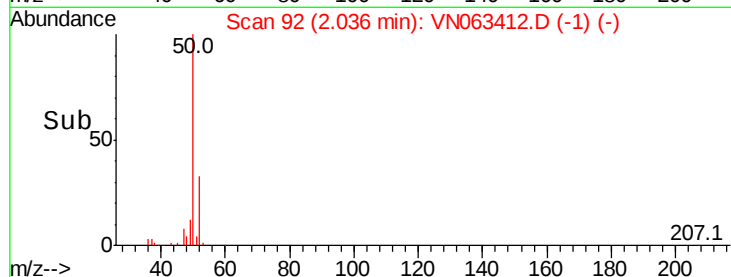
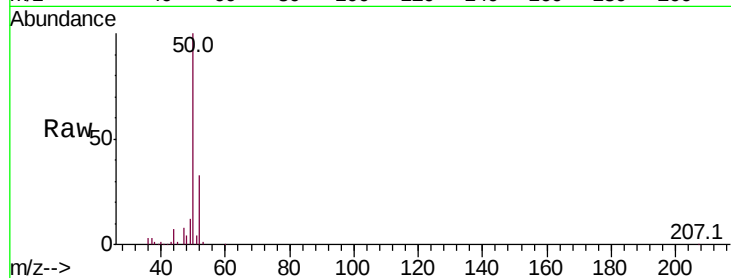




#3
Chloromethane
Concen: 18.364 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

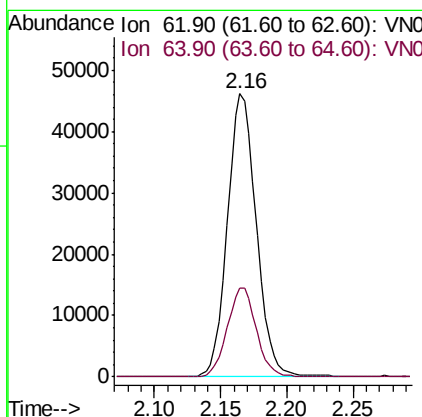
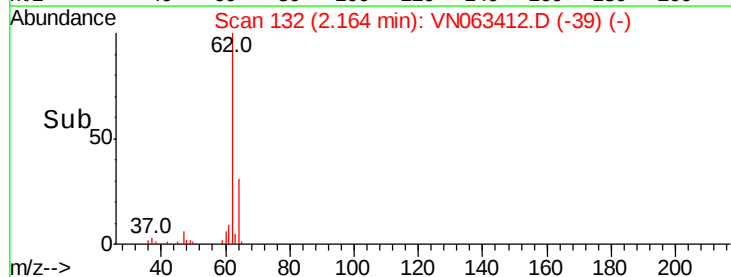
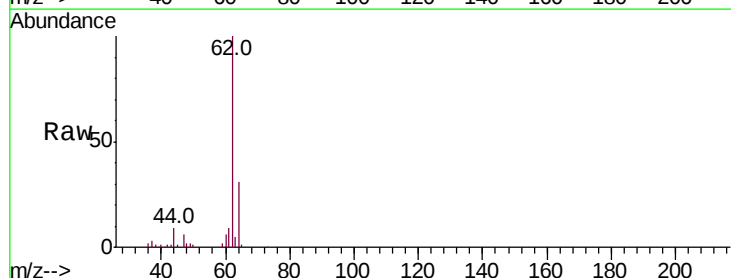
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

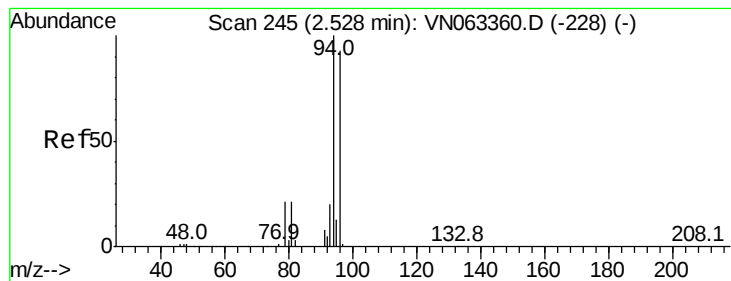
Tot Ion: 50 Resp: 71029
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 20.423 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 62 Resp: 69987
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5

Bromomethane

Concen: 22.024 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

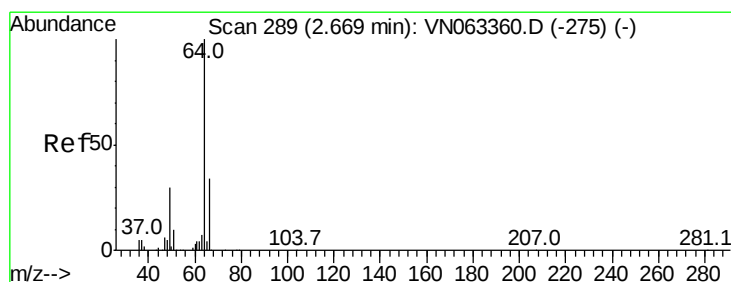
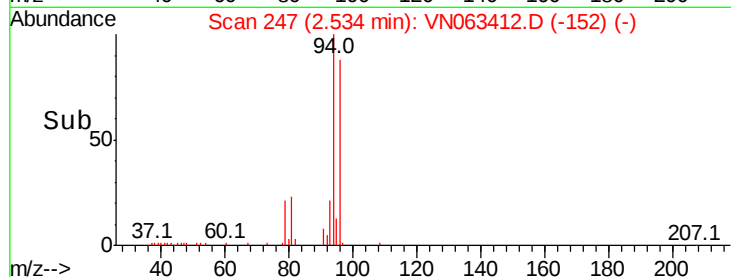
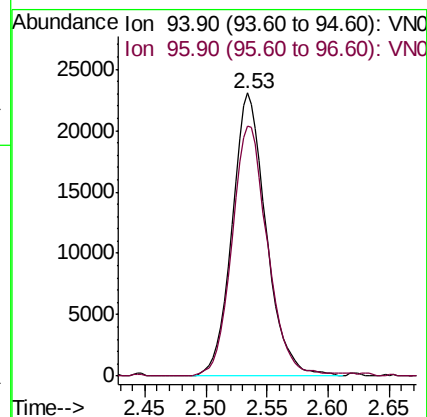
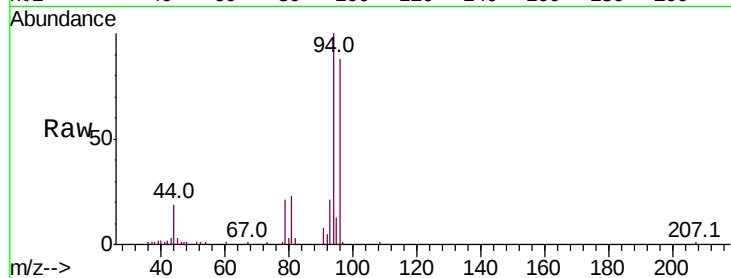
VN0917WBSD01

Tot Ion: 94 Resp: 44811

Ion Ratio Lower Upper

94 100

96 88.2 74.5 111.7



#6

Chloroethane

Concen: 19.578 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063412.D

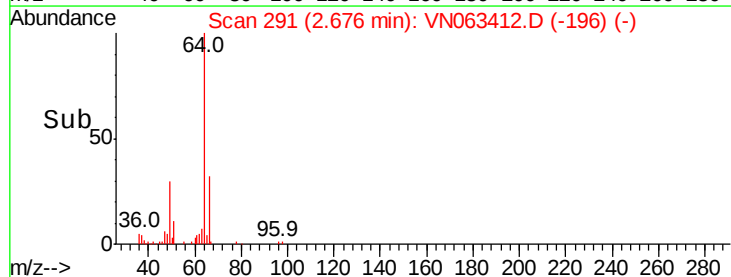
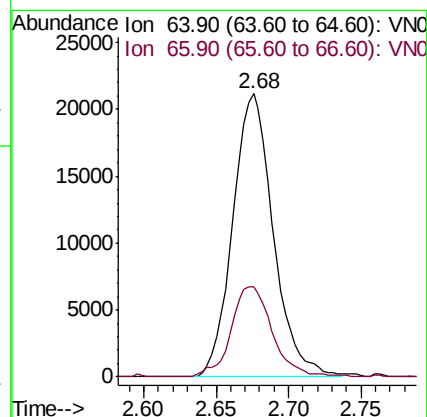
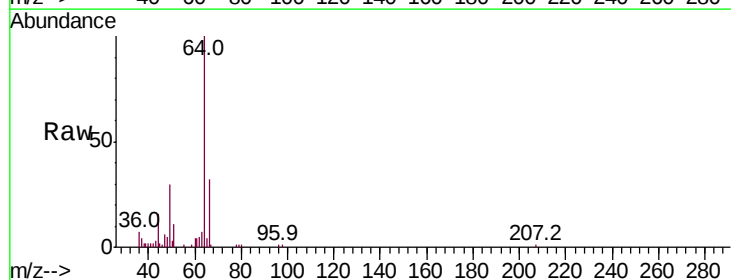
Acq: 17 Sep 2020 12:26

Tgt Ion: 64 Resp: 41182

Ion Ratio Lower Upper

64 100

66 31.7 26.9 40.3



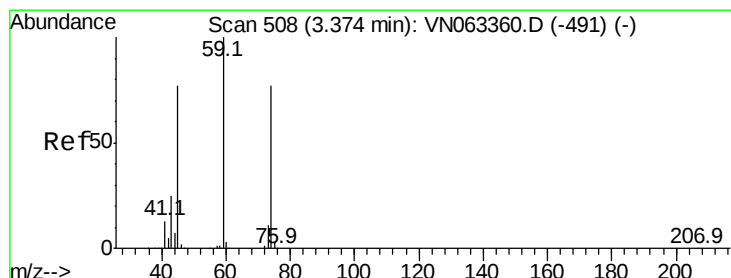
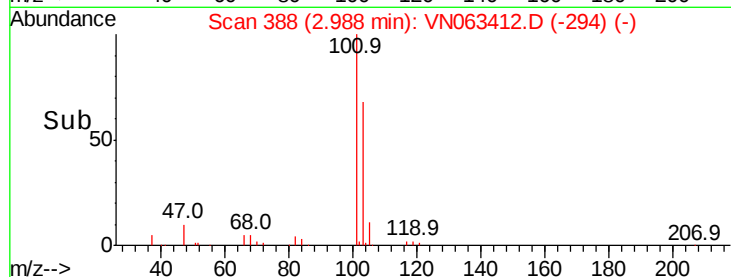
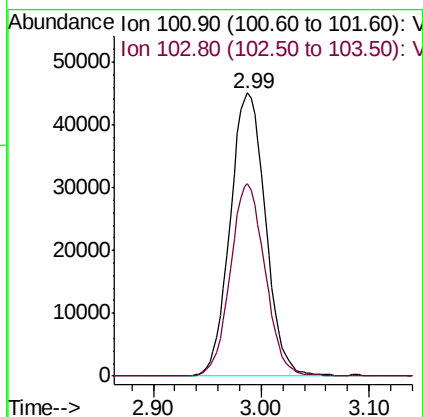
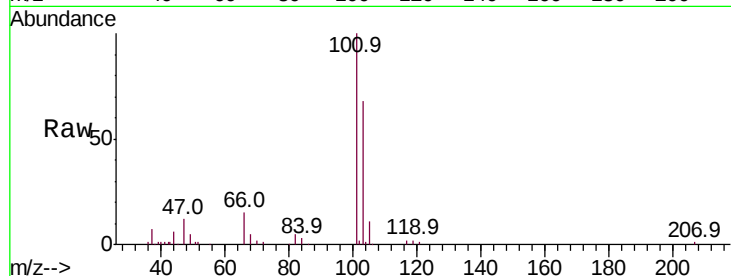


#7

Trichlorofluoromethane
 Concen: 20.159 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

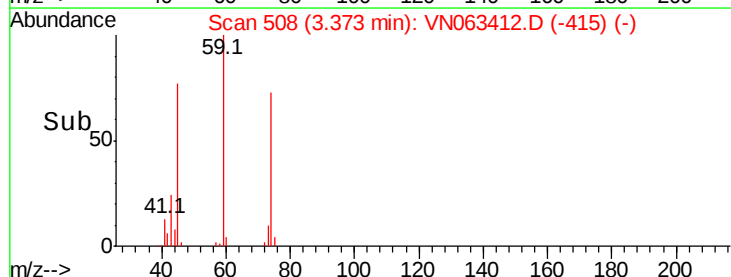
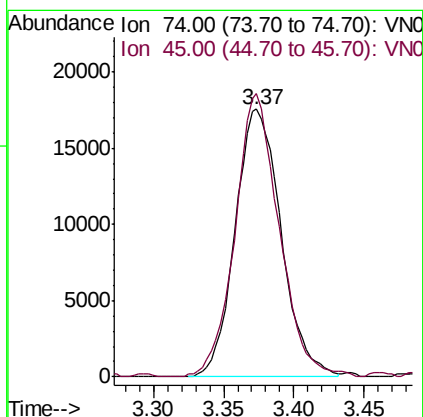
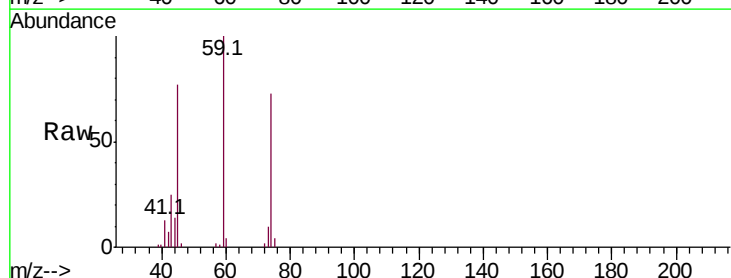
Tot Ion:101 Resp: 103066
 Ion Ratio Lower Upper
 101 100
 103 68.1 52.3 78.5

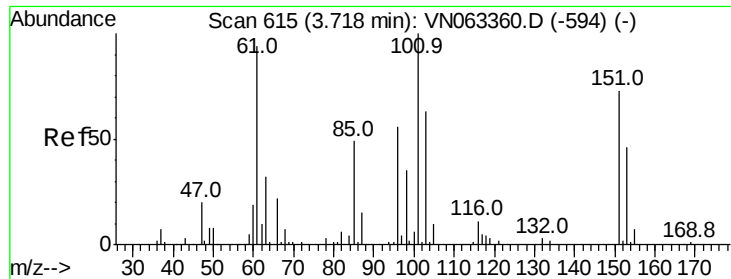


#8

Diethyl Ether
 Concen: 20.102 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion: 74 Resp: 40065
 Ion Ratio Lower Upper
 74 100
 45 101.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.580 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

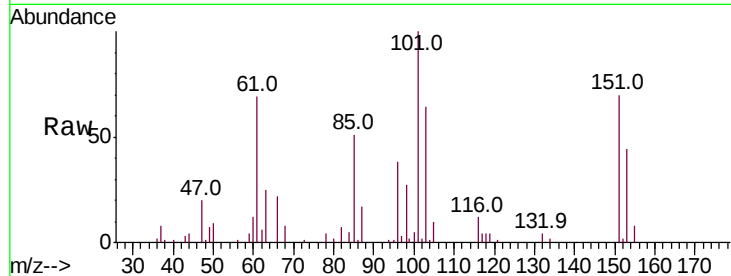
Tot Ion:101 Resp: 56299

Ion Ratio Lower Upper

101 100

85 50.6 37.7 56.5

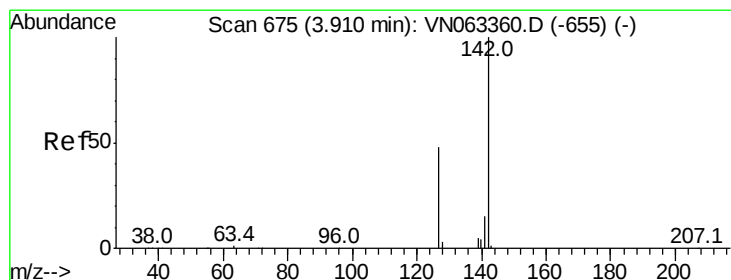
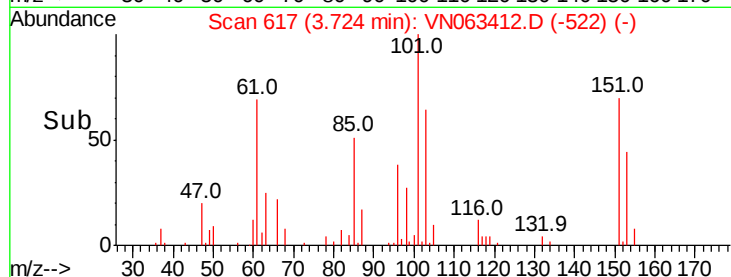
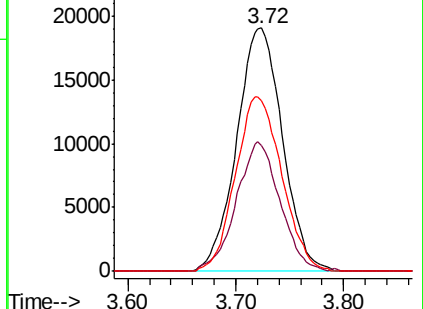
151 72.4 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.765 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

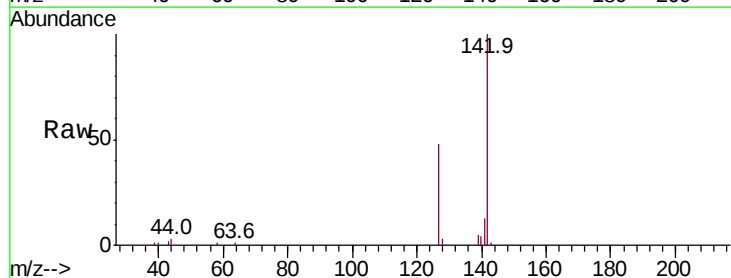
Tgt Ion:142 Resp: 73991

Ion Ratio Lower Upper

142 100

127 48.4 39.0 58.6

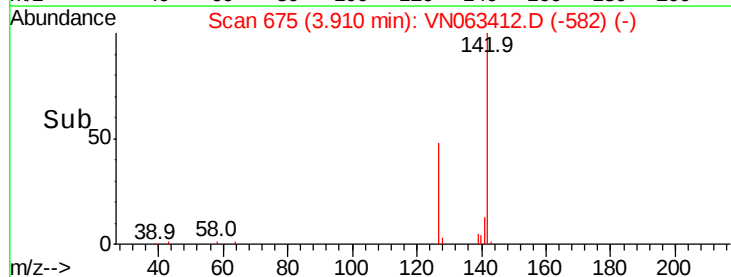
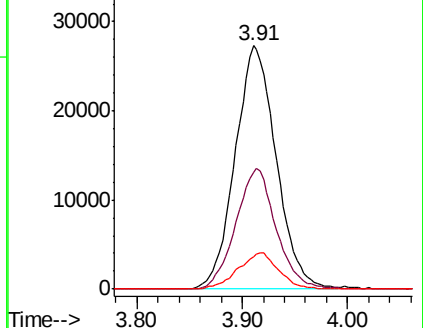
141 14.7 11.6 17.4

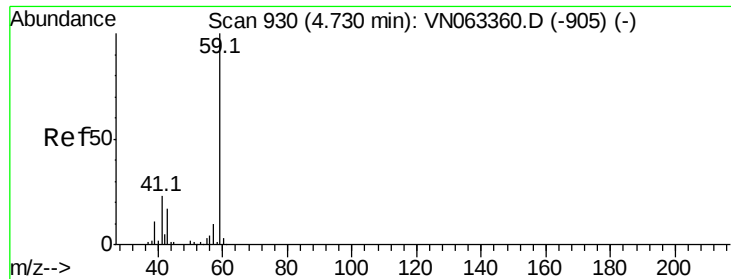


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

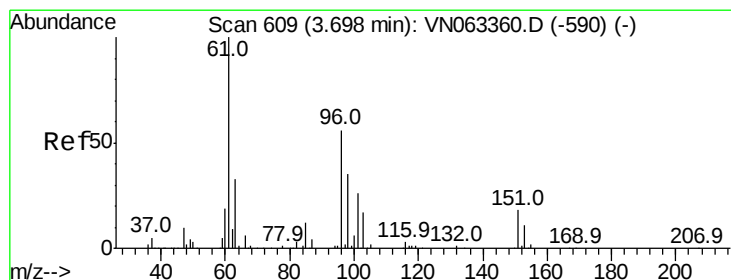
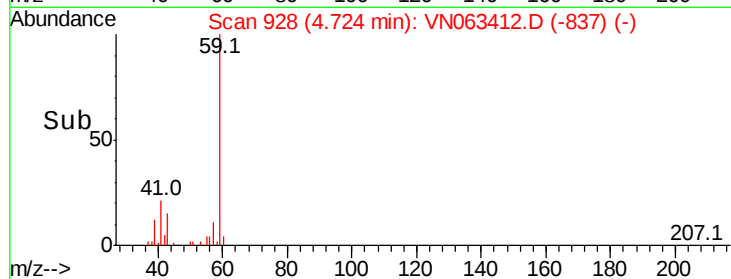
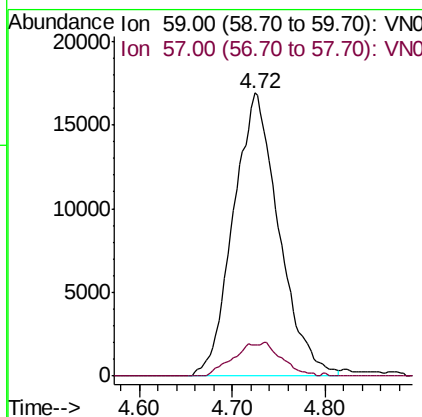
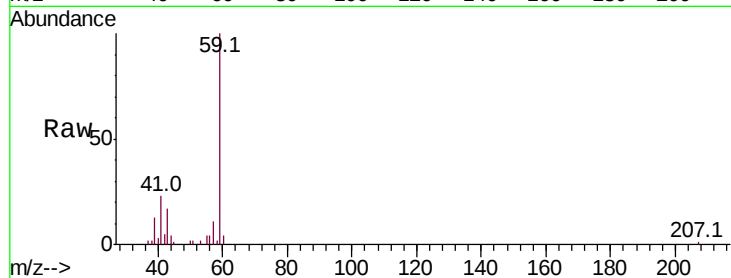




#11
Tert butyl alcohol
Concen: 94.708 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

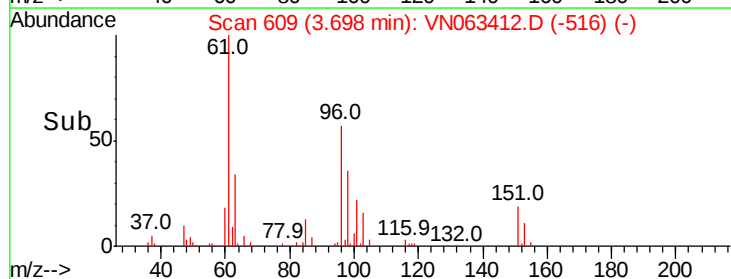
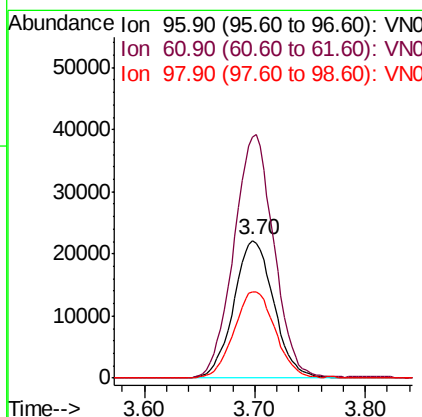
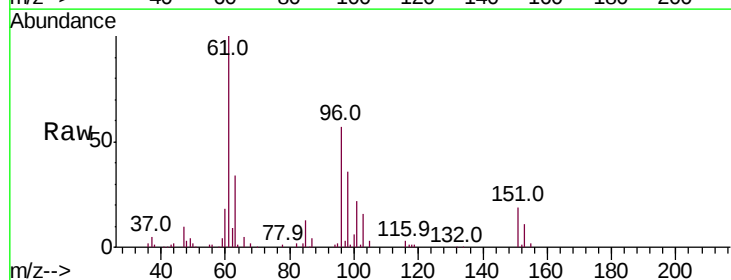
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

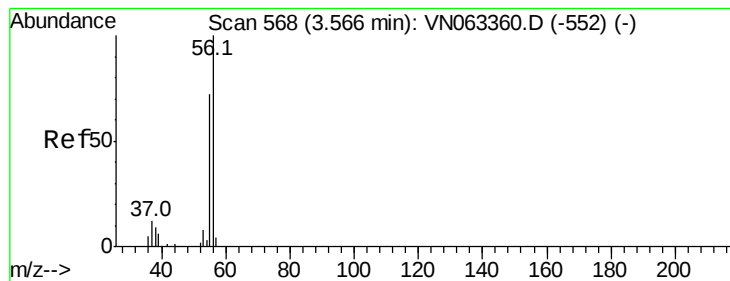
Tot Ion: 59 Resp: 57640
Ion Ratio Lower Upper
59 100
57 6.5 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 19.158 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 96 Resp: 55794
Ion Ratio Lower Upper
96 100
61 175.8 143.4 215.2
98 63.2 50.6 76.0





#13

Acrolein

Concen: 90.547 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

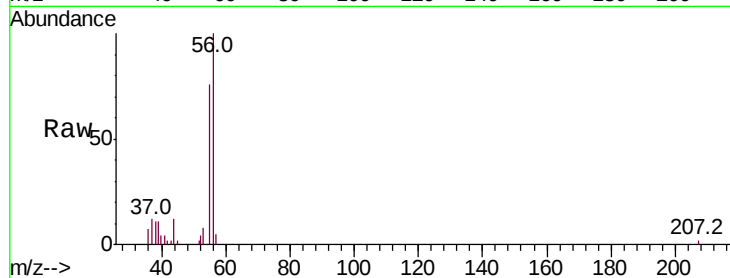
VN0917WBSD01

Tot Ion: 56 Resp: 20422

Ion Ratio Lower Upper

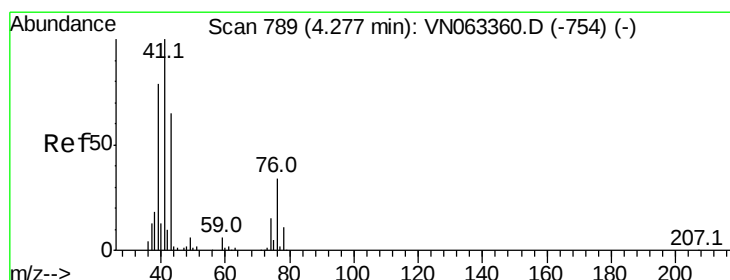
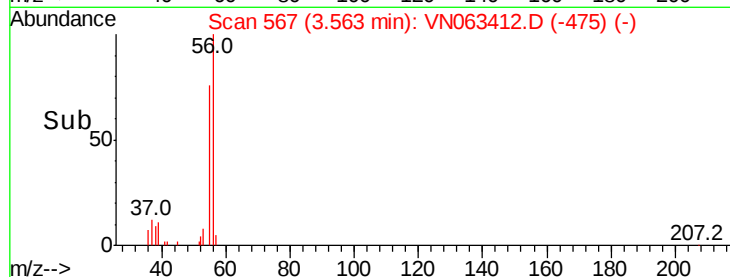
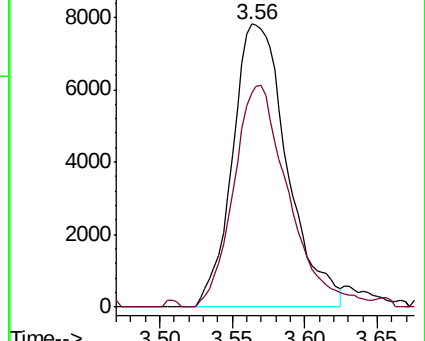
56 100

55 79.1 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.227 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

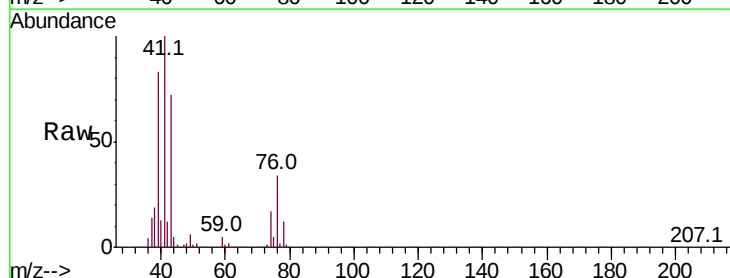
Tgt Ion: 41 Resp: 110760

Ion Ratio Lower Upper

41 100

39 75.2 59.3 88.9

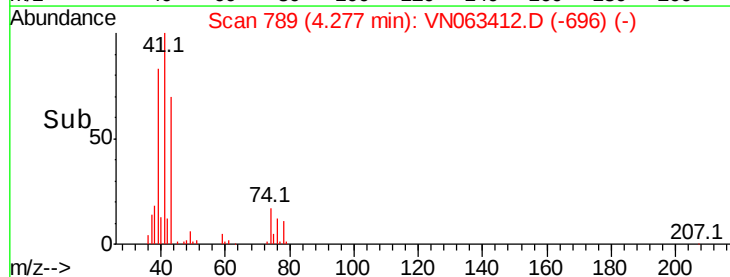
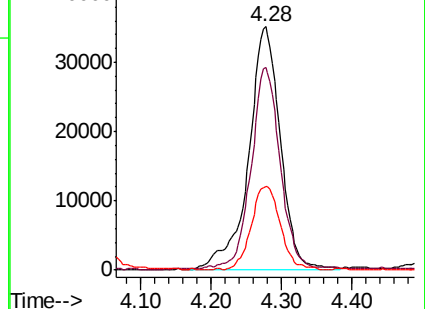
76 31.5 25.3 37.9

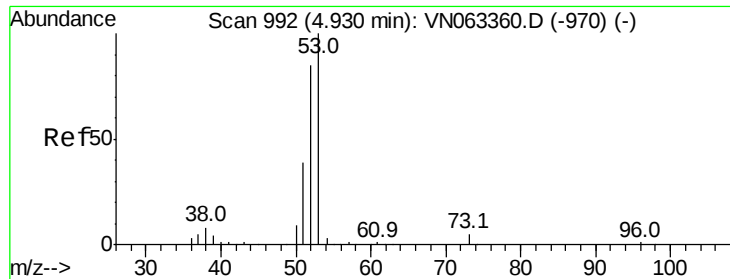


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 100.585 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

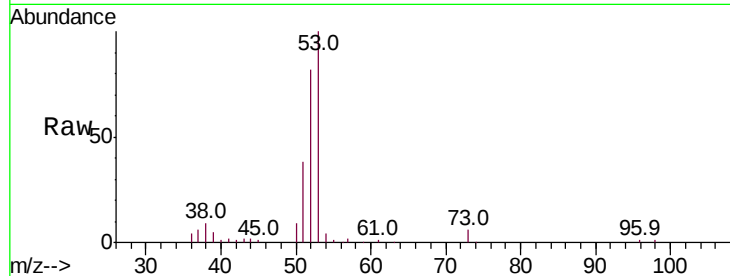
Tot Ion: 53 Resp: 155714

Ion Ratio Lower Upper

53 100

52 81.5 66.4 99.6

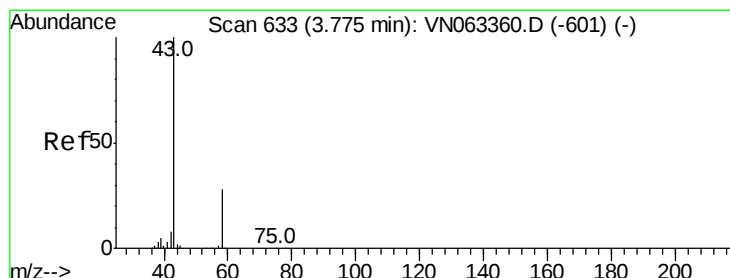
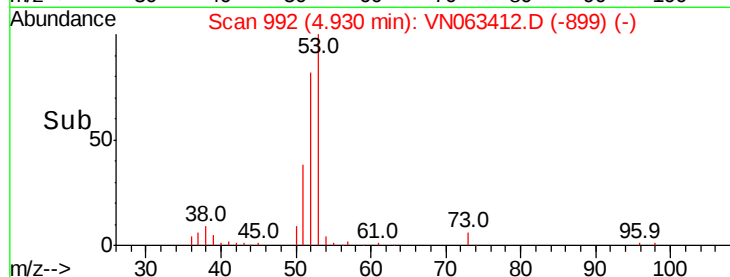
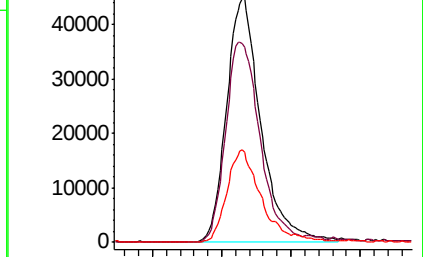
51 36.1 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)



#16

Acetone

Concen: 98.626 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063412.D

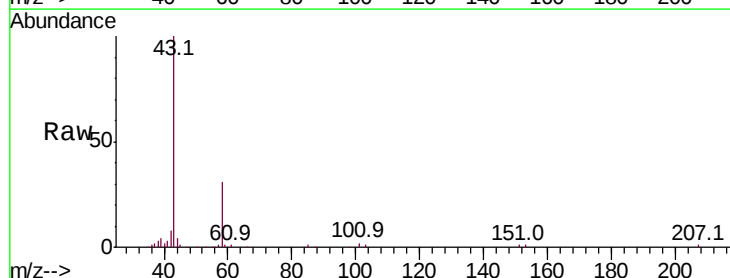
Acq: 17 Sep 2020 12:26

Tgt Ion: 43 Resp: 139248

Ion Ratio Lower Upper

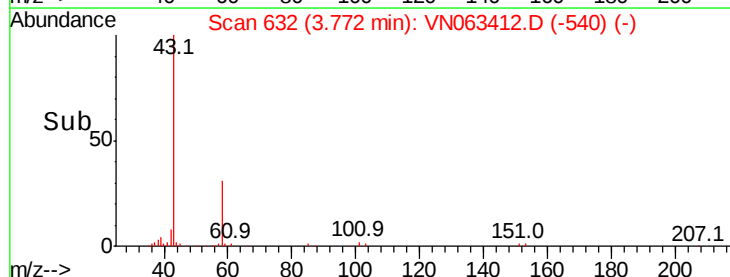
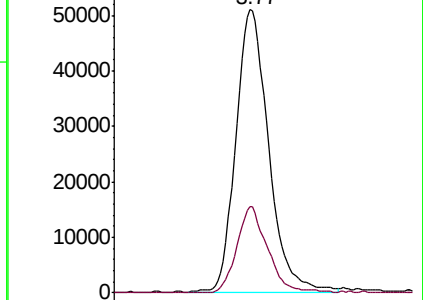
43 100

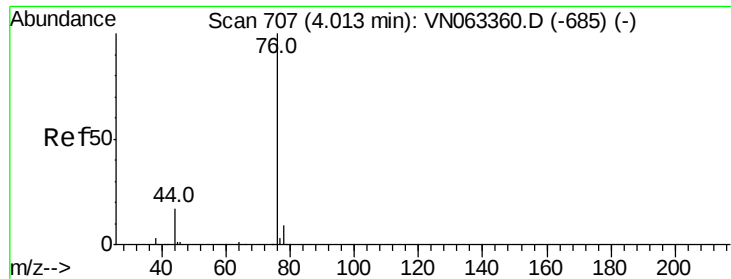
58 30.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

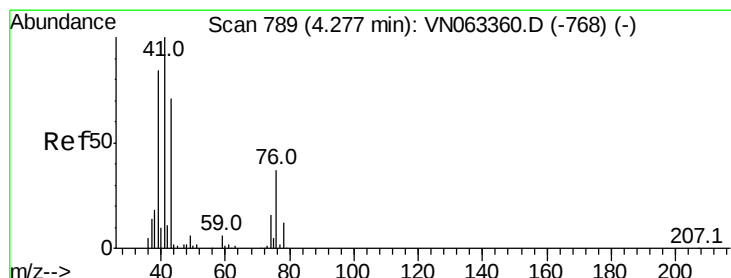
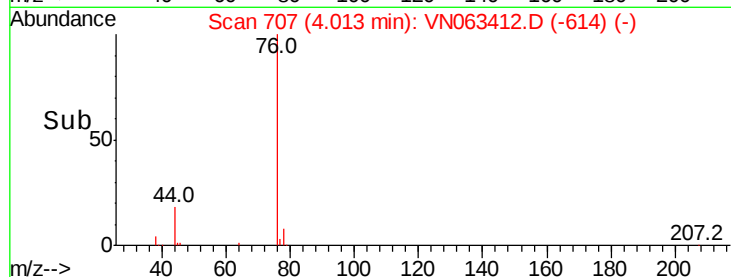
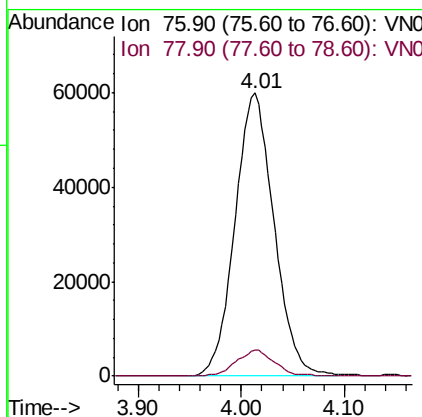
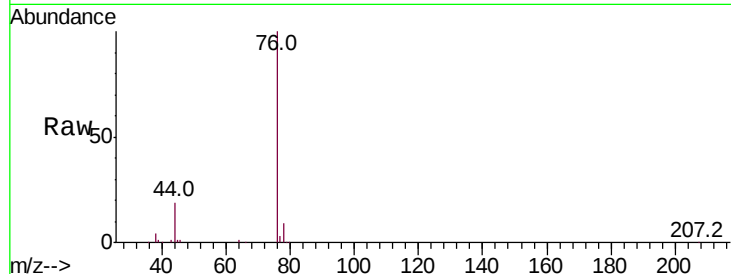




#17
Carbon Disulfide
Concen: 18.625 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

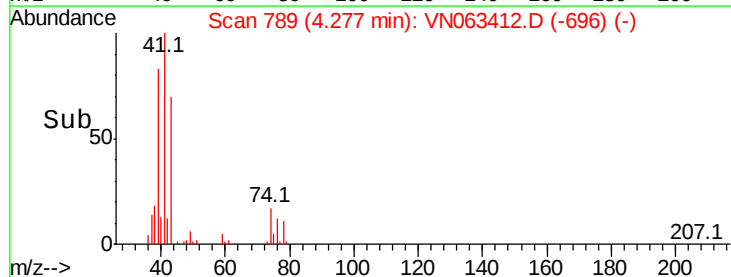
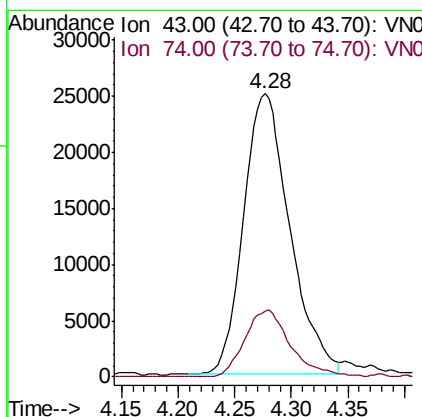
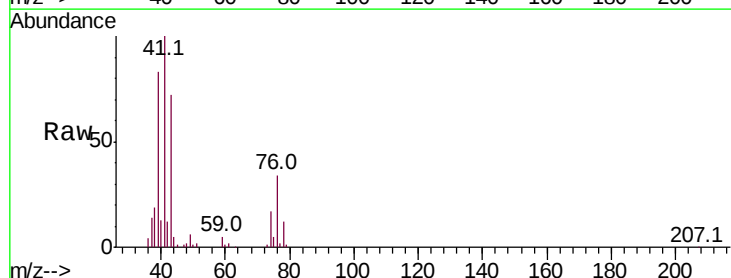
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

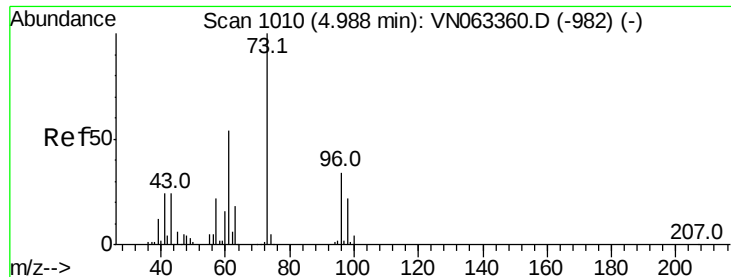
Tot Ion: 76 Resp: 157775
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 19.897 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 43 Resp: 71317
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.2

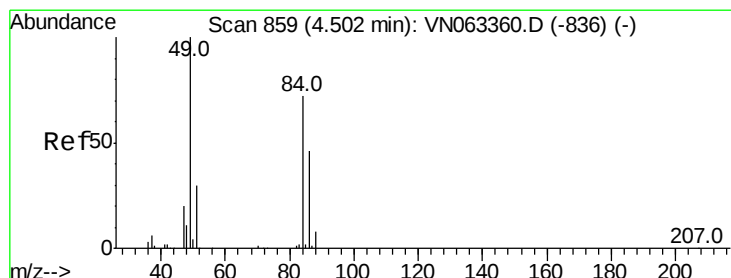
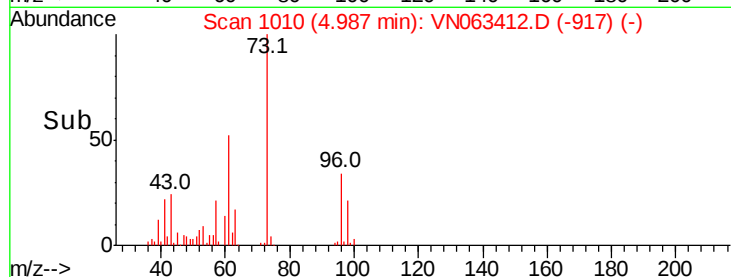
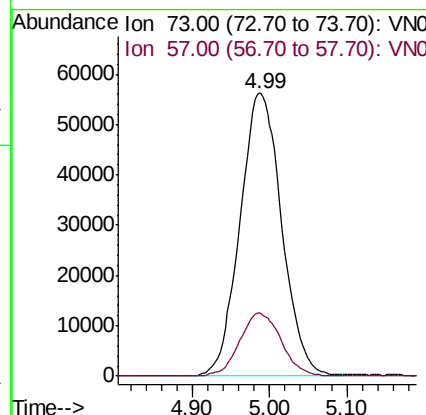
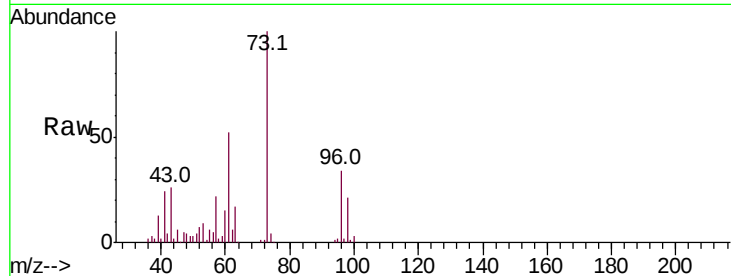




#19
Methvl tert-butvl Ether
Concen: 19.418 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

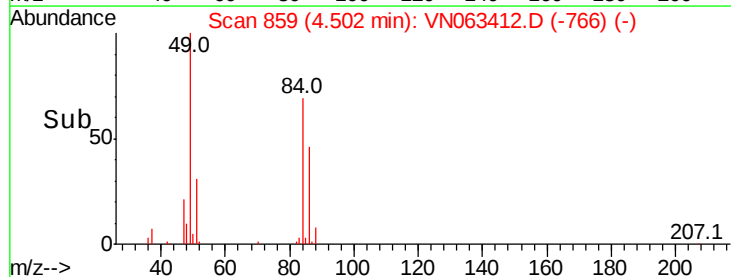
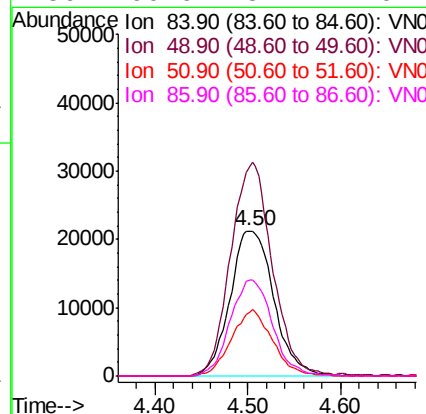
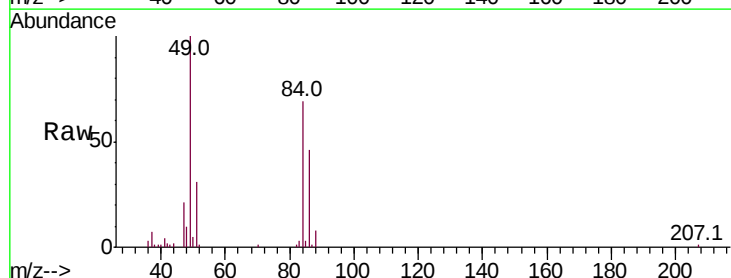
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

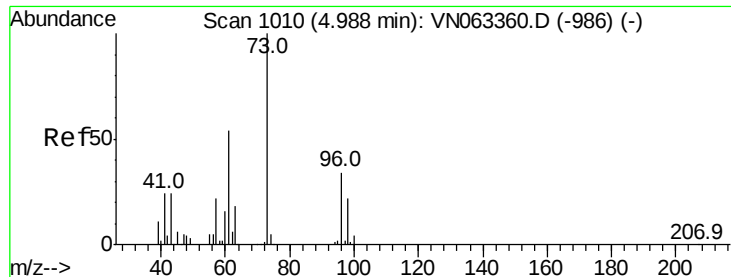
Tot Ion: 73 Resp: 210773
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 19.442 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 84 Resp: 69547
Ion Ratio Lower Upper
84 100
49 144.5 110.7 166.1
51 44.6 32.9 49.3
86 66.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.976 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

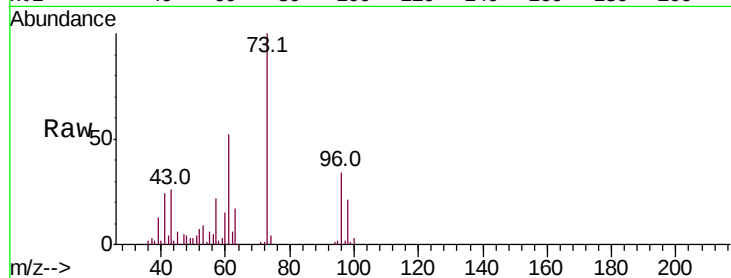
Tot Ion: 96 Resp: 61231

Ion Ratio Lower Upper

96 100

61 152.8 126.2 189.4

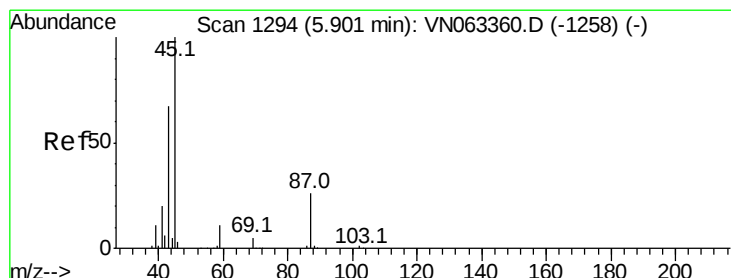
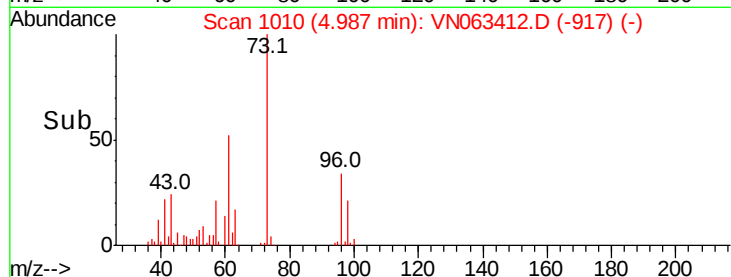
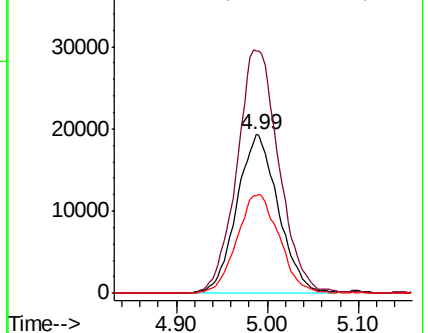
98 61.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.580 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Tgt Ion: 45 Resp: 230039

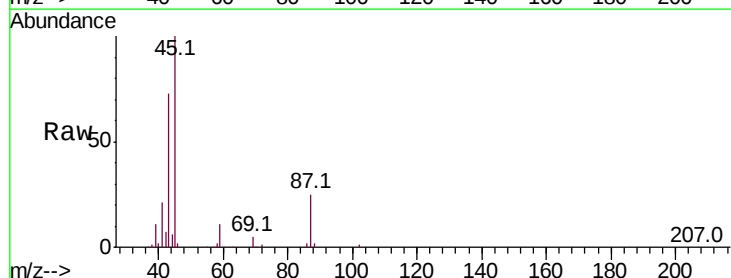
Ion Ratio Lower Upper

45 100

43 71.2 53.5 80.3

87 25.0 21.2 31.8

59 10.5 8.8 13.2

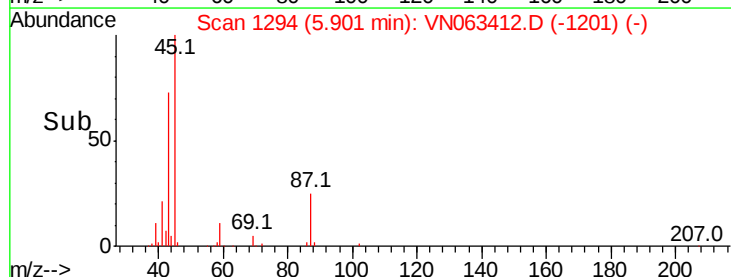
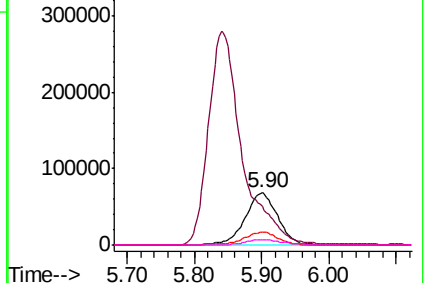


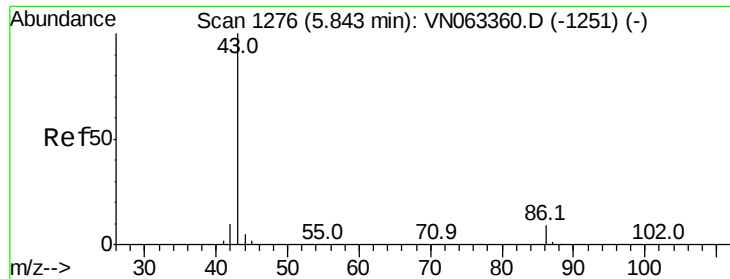
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

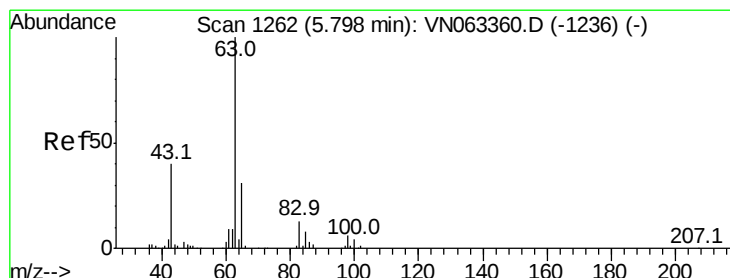
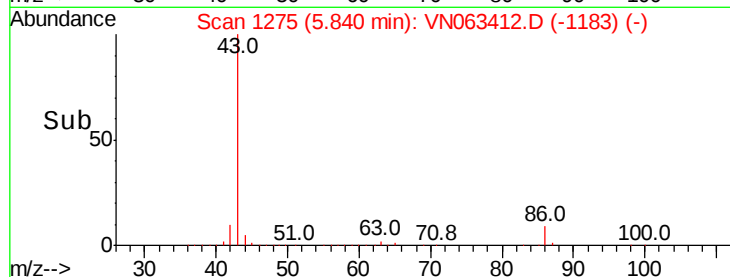
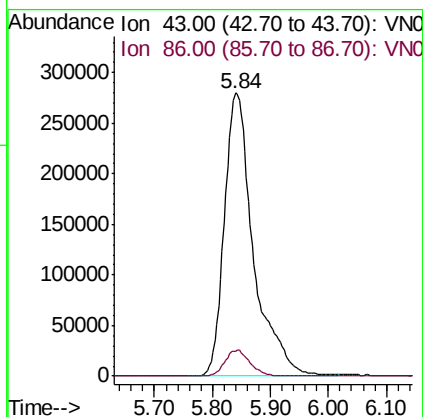
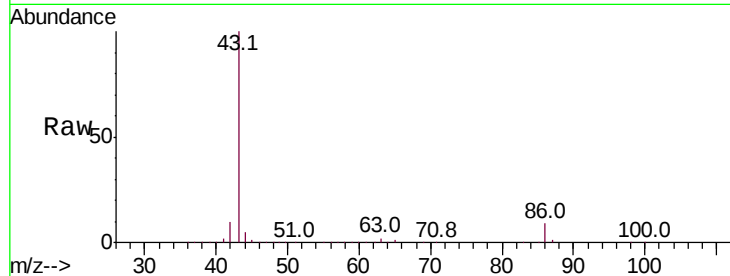




#23
 Vinyl Acetate
 Concen: 101.040 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

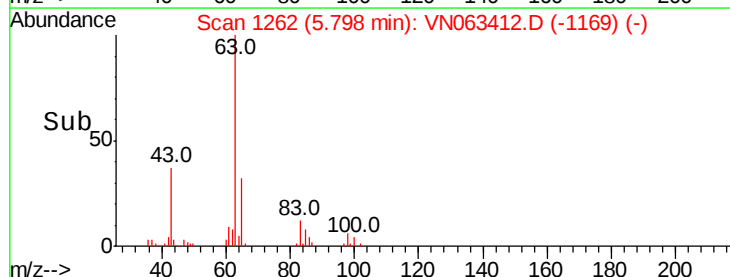
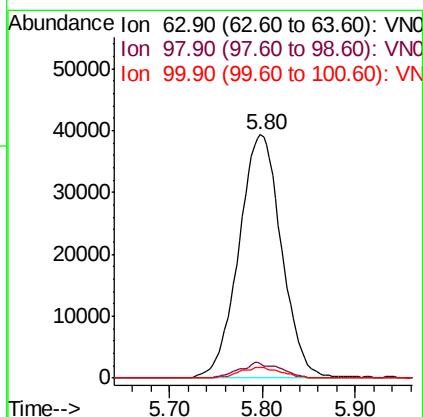
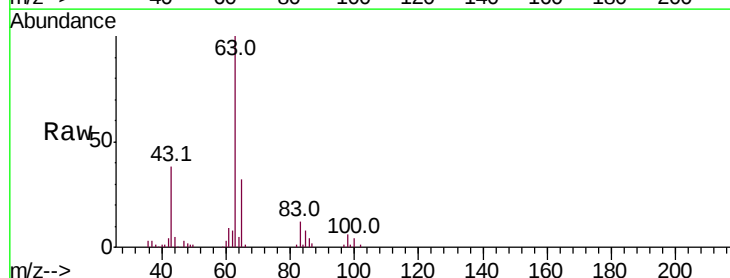
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

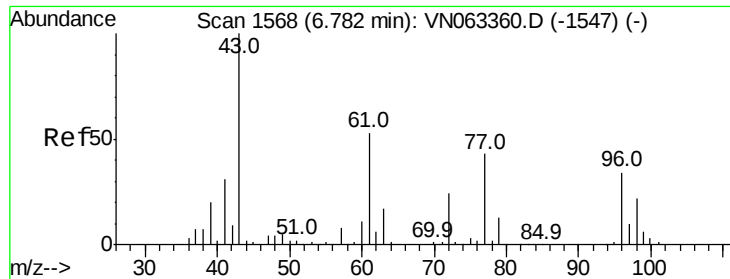
Tot Ion: 43 Resp: 974935
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.542 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion: 63 Resp: 125348
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 4.4 2.1 6.3

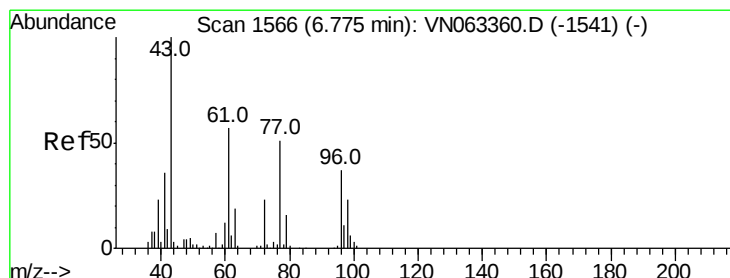
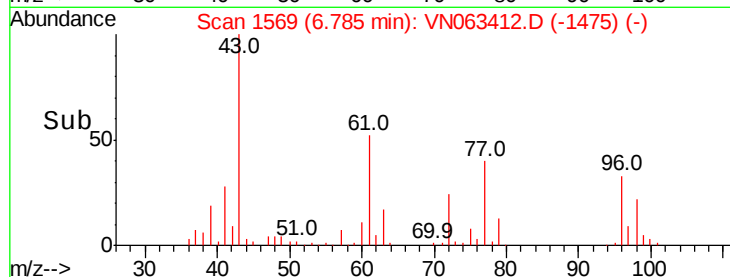
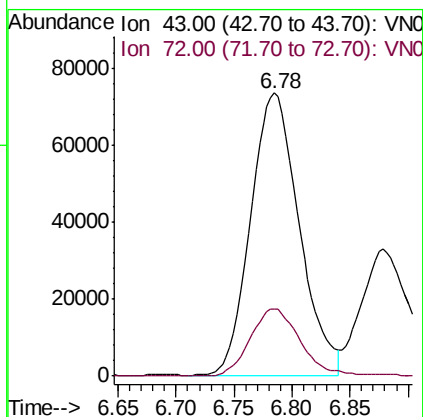
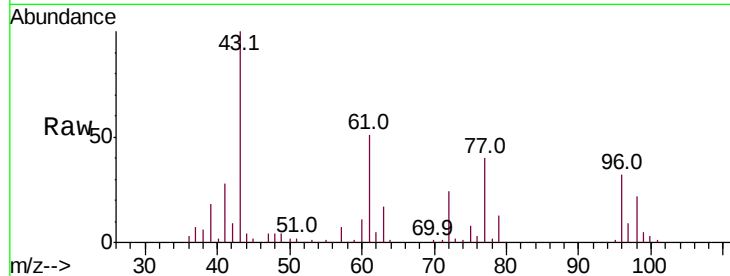




#25
2-Butanone
Concen: 98.654 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

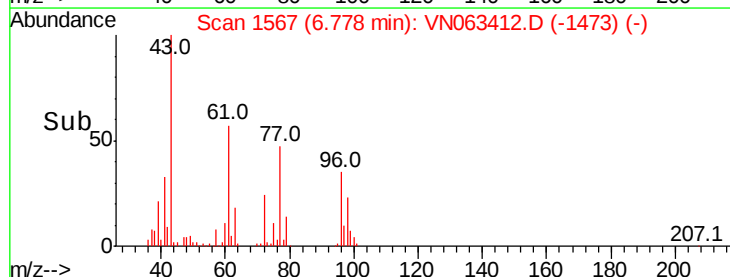
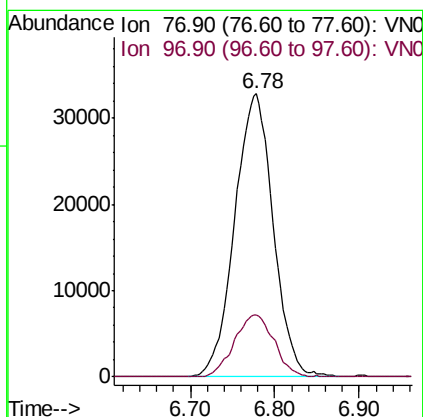
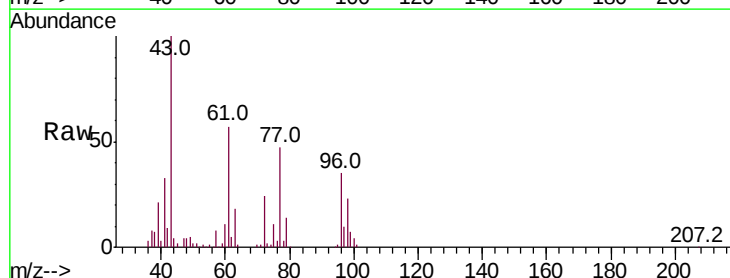
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

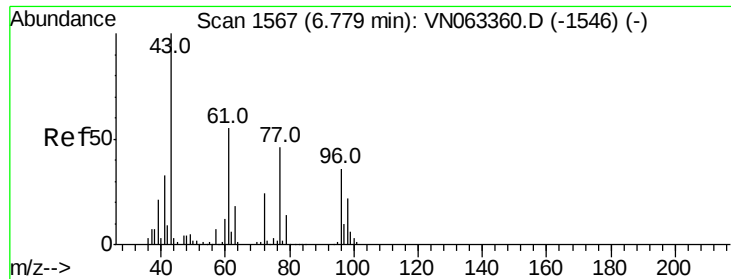
Tot Ion: 43 Resp: 214221
Ion Ratio Lower Upper
43 100
72 24.0 19.2 28.8



#26
2,2-Dichloropropane
Concen: 18.421 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 77 Resp: 104030
Ion Ratio Lower Upper
77 100
97 22.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.621 ug/l

RT: 6.78 min Scan# 1567

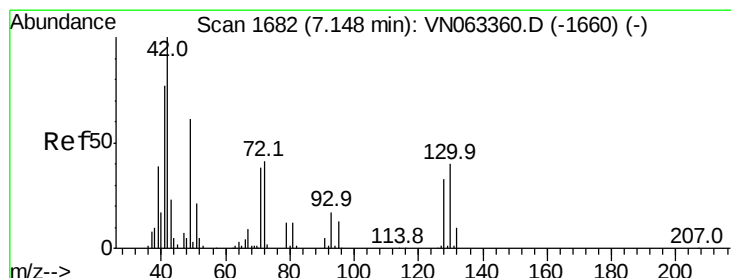
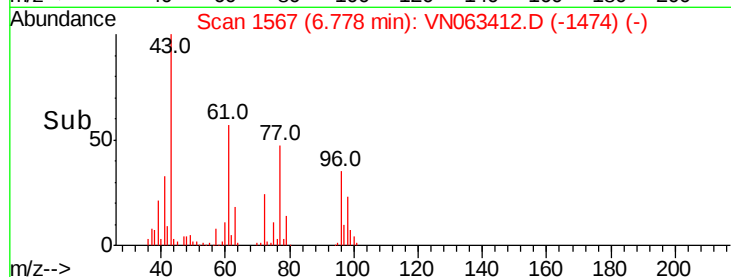
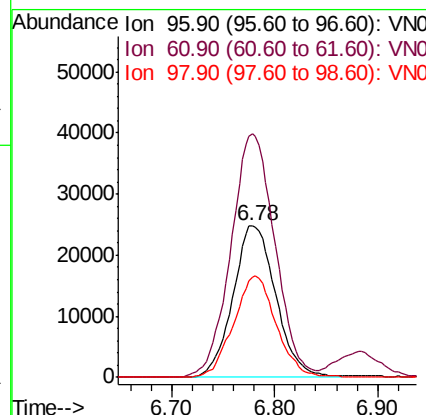
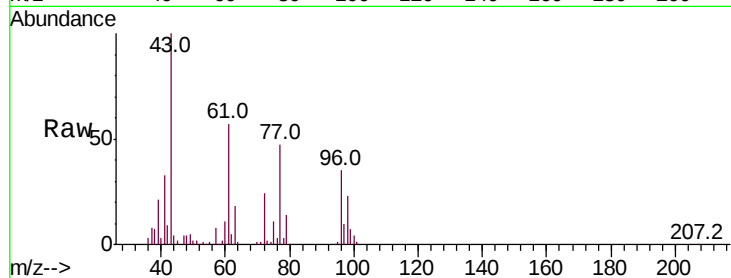
Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tot Ion	96	Resp	71660
Ion	Ratio	Lower	Upper
96	100		
61	165.0	0.0	319.6
98	66.4	0.0	127.8



#28

Bromochloromethane

Concen: 19.426 ug/l

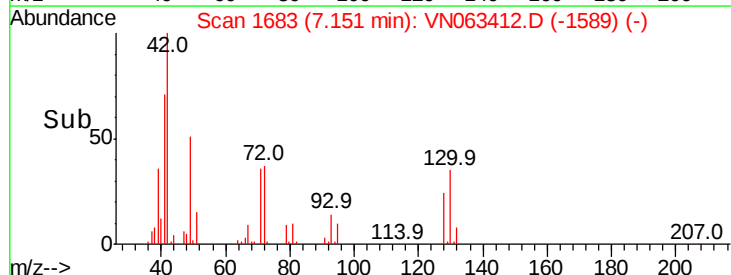
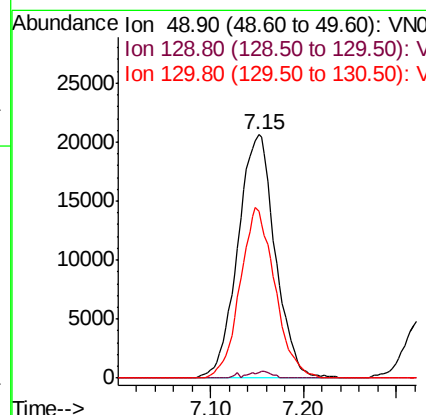
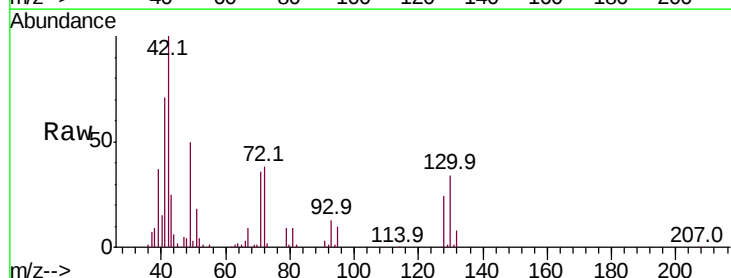
RT: 7.15 min Scan# 1683

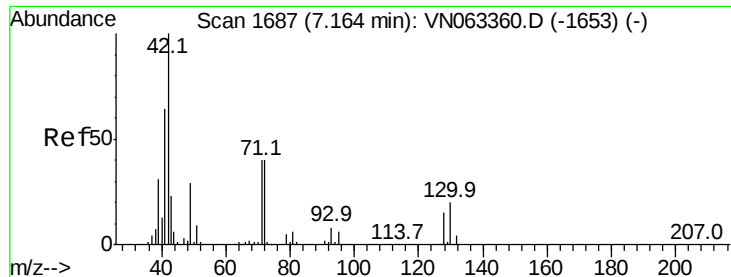
Delta R.T. 0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Tgt Ion	49	Resp	57533
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	65.3	52.2	78.2





#29

Tetrahydrofuran

Concen: 98.000 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

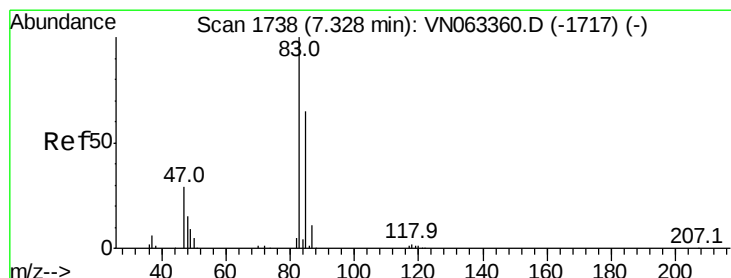
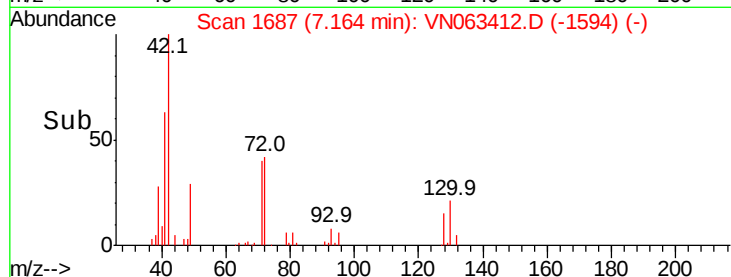
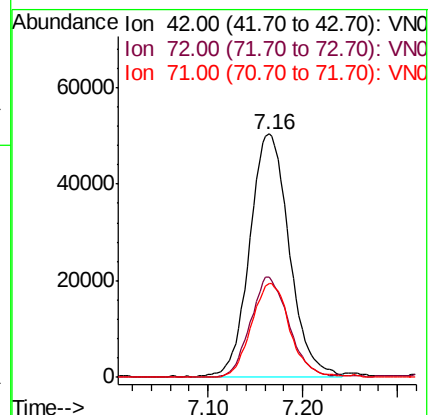
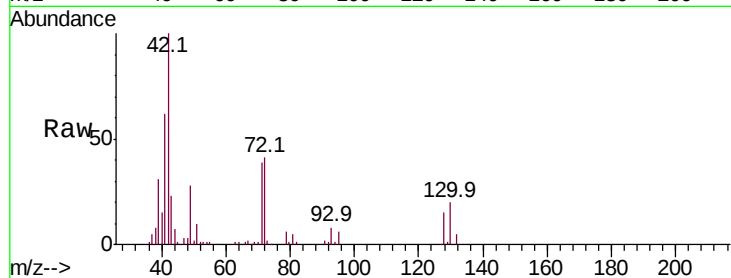
Tot Ion: 42 Resp: 145338

Ion Ratio Lower Upper

42 100

72 40.1 32.1 48.1

71 37.7 31.2 46.8



#30

Chloroform

Concen: 19.436 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063412.D

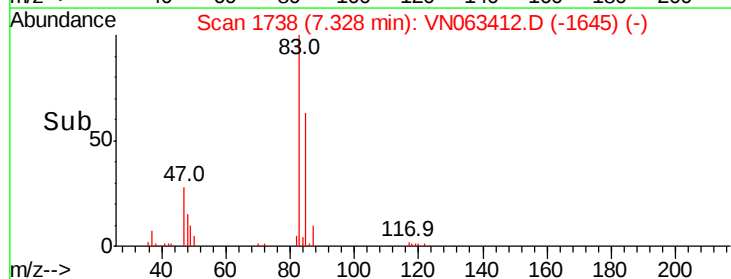
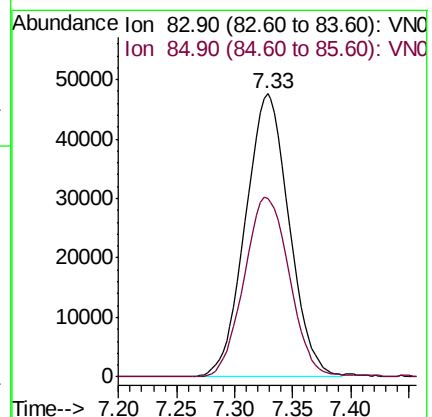
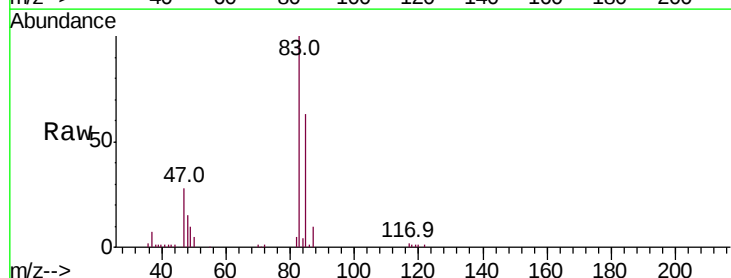
Acq: 17 Sep 2020 12:26

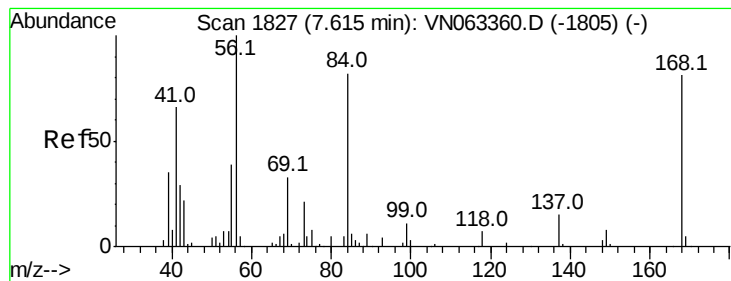
Tgt Ion: 83 Resp: 125082

Ion Ratio Lower Upper

83 100

85 63.2 52.1 78.1





#31

Cyclohexane

Concen: 18.750 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

VN0917WBSD01

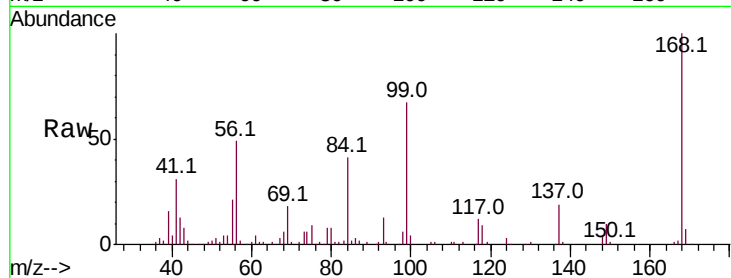
Tot Ion: 56 Resp: 113766

Ion Ratio Lower Upper

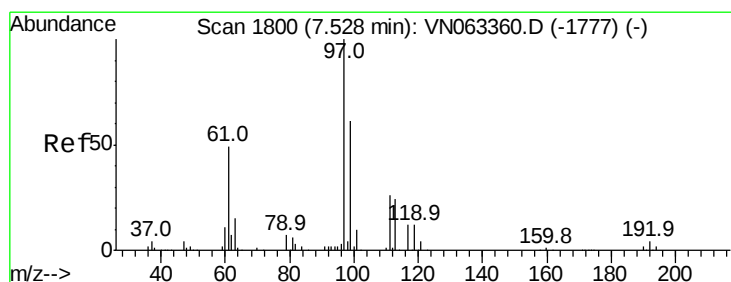
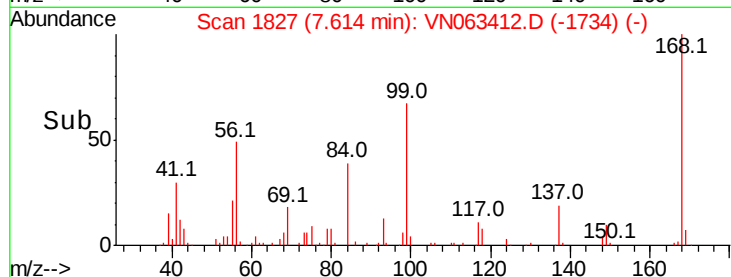
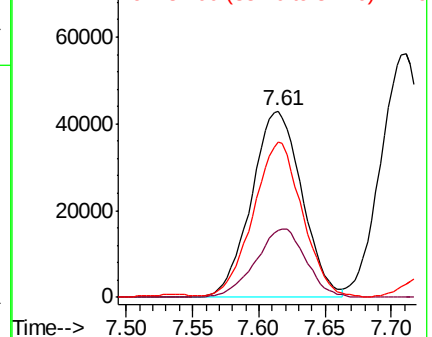
56 100

69 36.2 26.1 39.1

84 82.3 65.4 98.2



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: 19.359 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

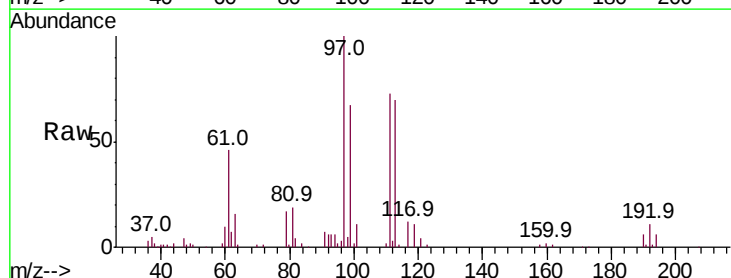
Tgt Ion: 97 Resp: 110806

Ion Ratio Lower Upper

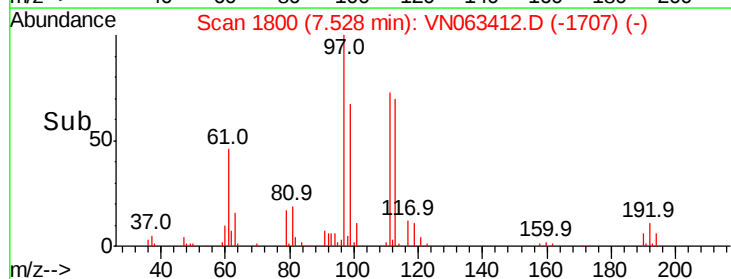
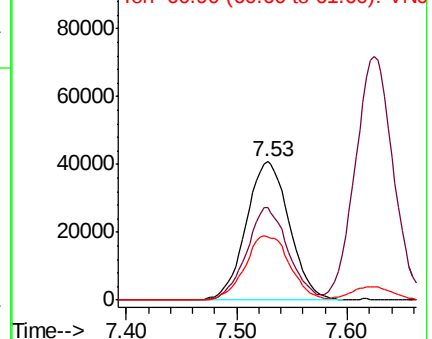
97 100

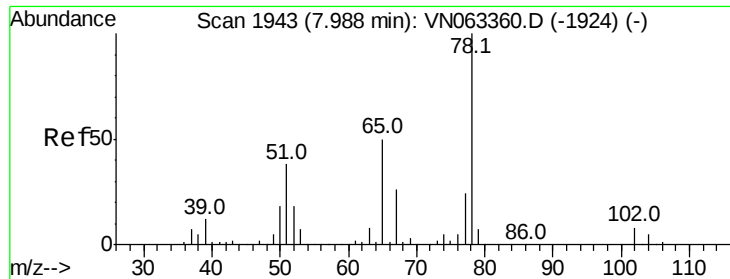
99 64.2 50.6 76.0

61 48.1 39.2 58.8



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

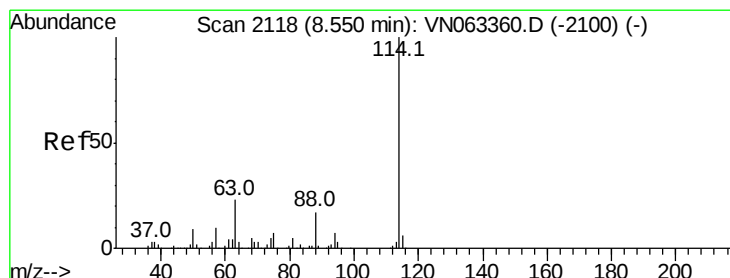
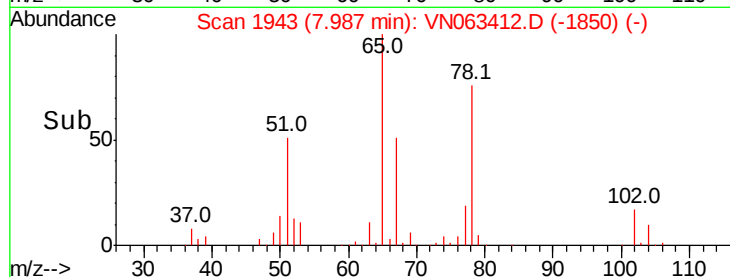
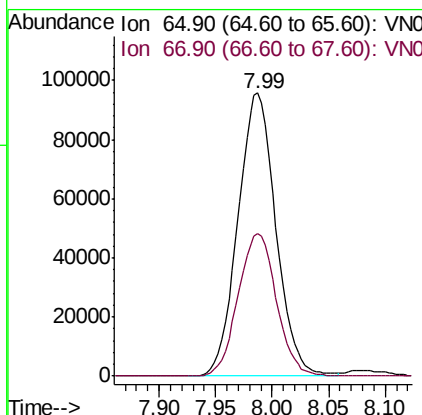
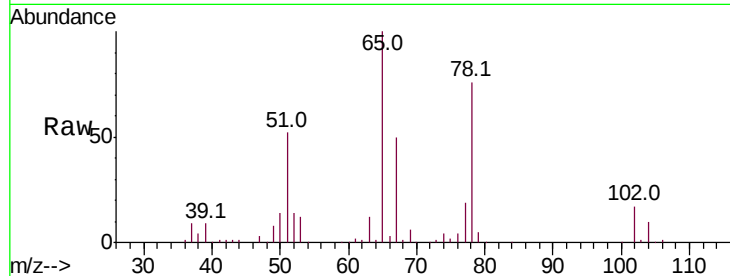




#33
 1,2-Dichloroethane-d4
 Concen: 50.919 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

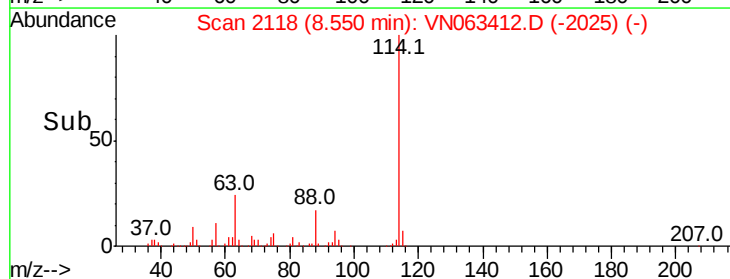
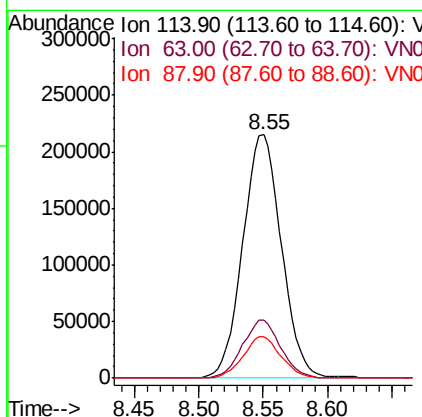
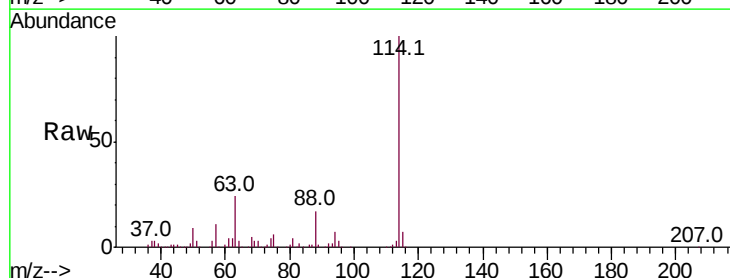
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

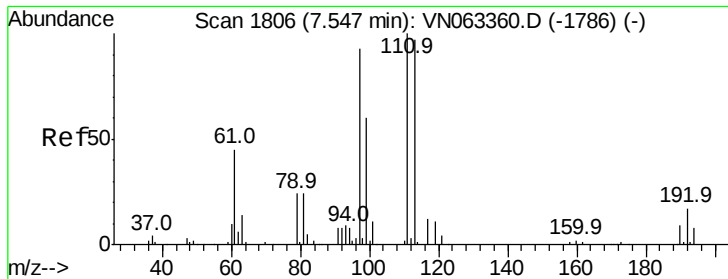
Tot Ion: 65 Resp: 223693
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion: 114 Resp: 448257
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.4
 88 17.2 0.0 33.2

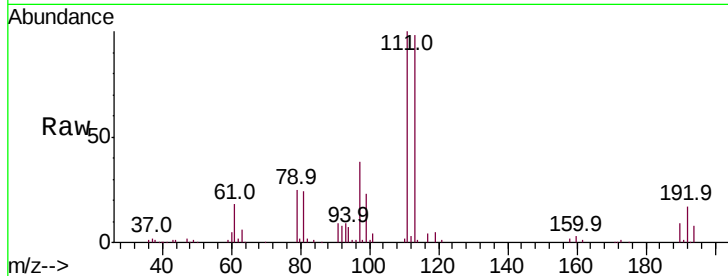




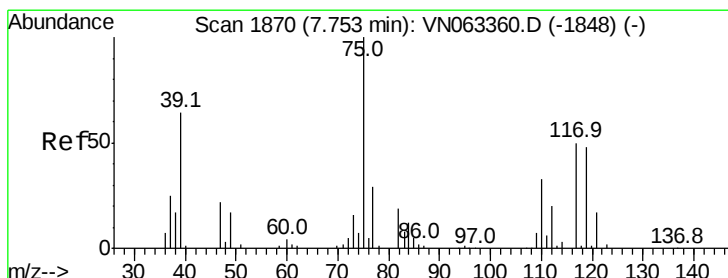
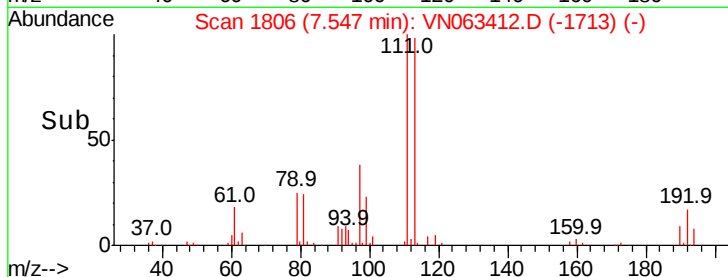
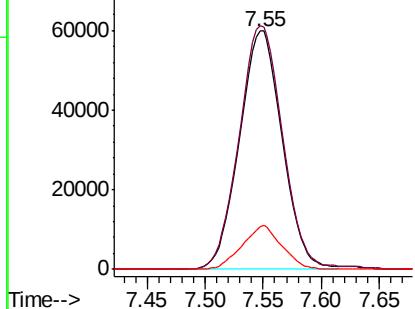
#35
 Dibromofluoromethane
 Concen: 49.509 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Tot Ion:113 Resp: 153635
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 17.0 13.9 20.9

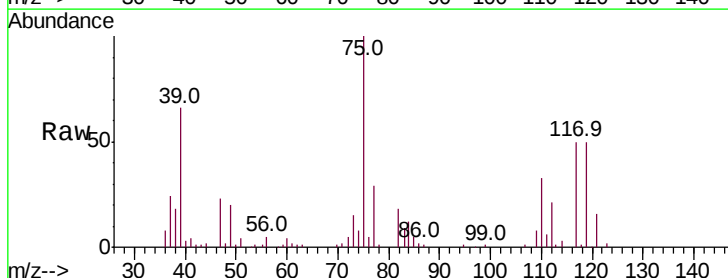


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

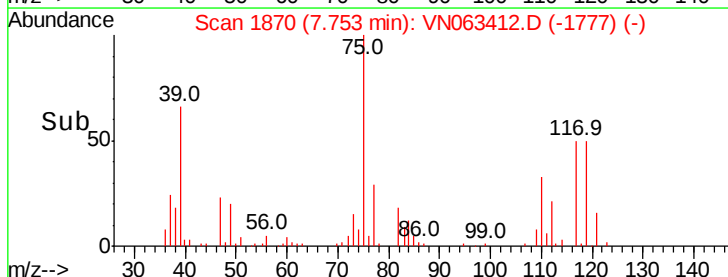
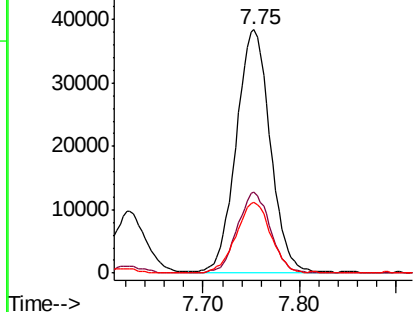


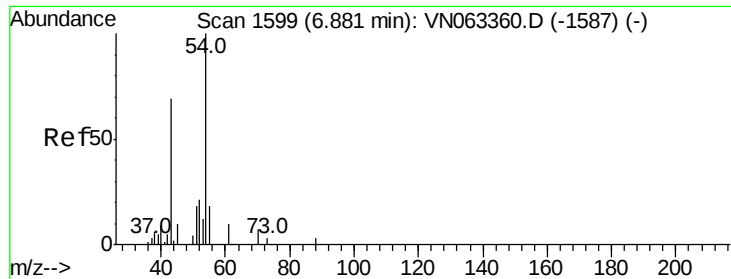
#36
 1,1-Dichloropropene
 Concen: 19.601 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion: 75 Resp: 93605
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.5 49.5
 77 29.8 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

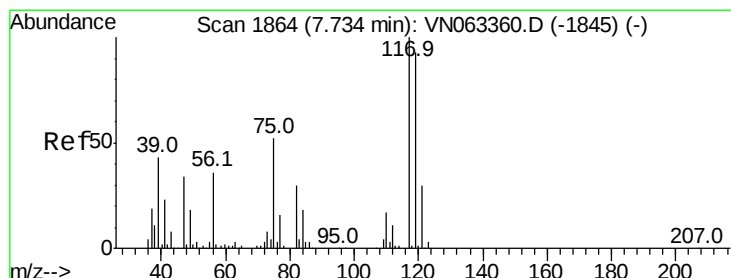
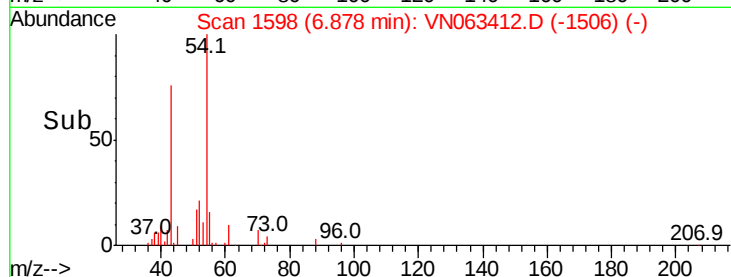
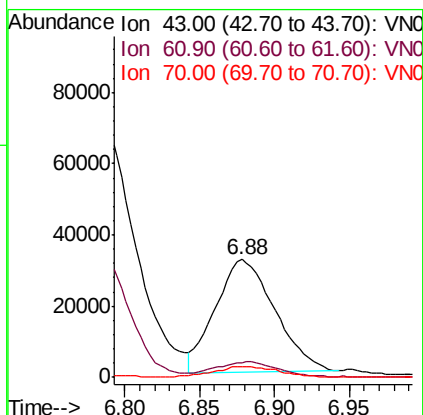
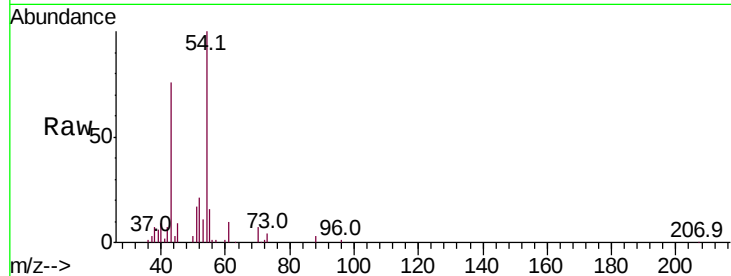




#37
Ethyl Acetate
Concen: 18.737 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

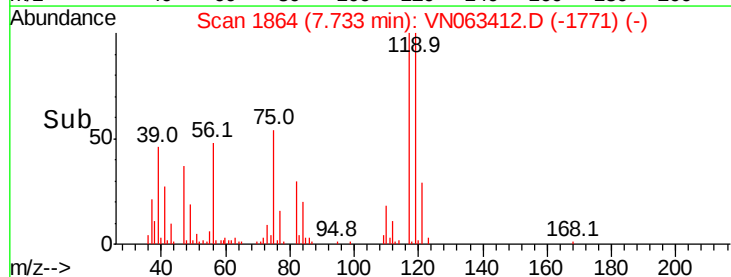
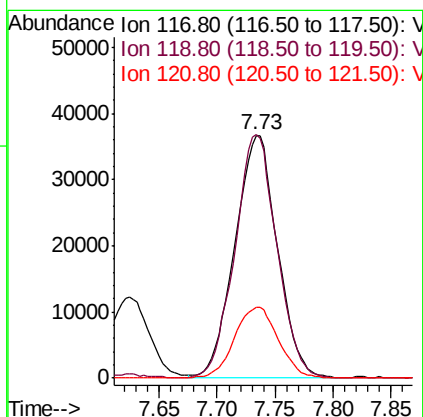
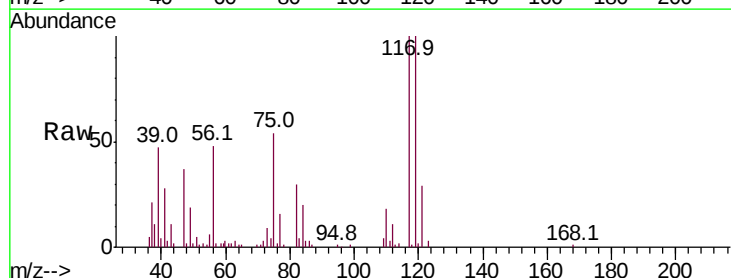
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

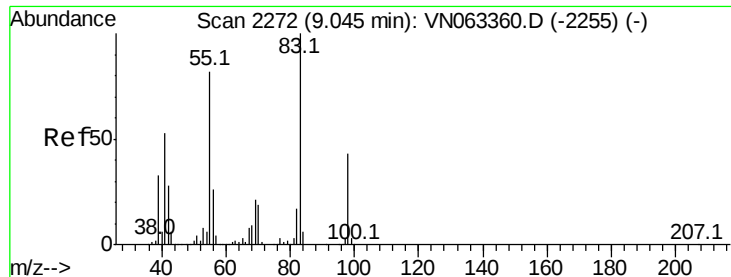
Tot Ion: 43 Resp: 87819
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 10.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.215 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 117 Resp: 93673
Ion Ratio Lower Upper
117 100
119 100.4 74.5 111.7
121 29.1 24.1 36.1

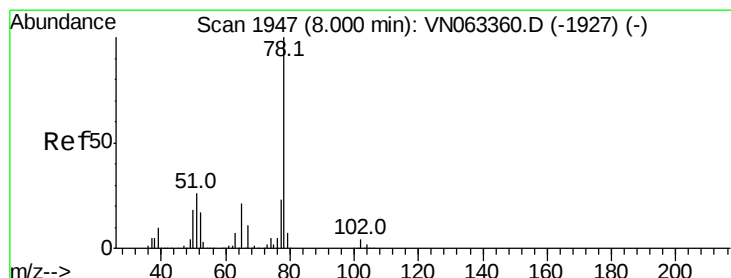
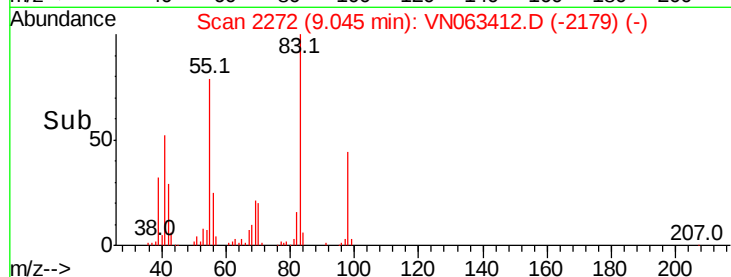
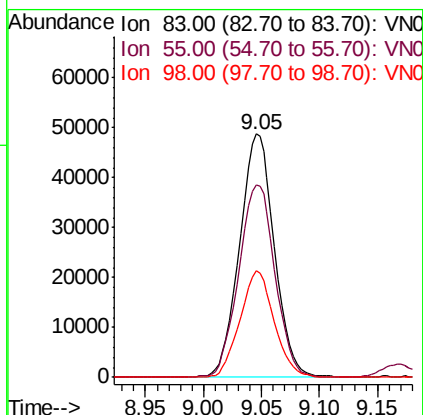
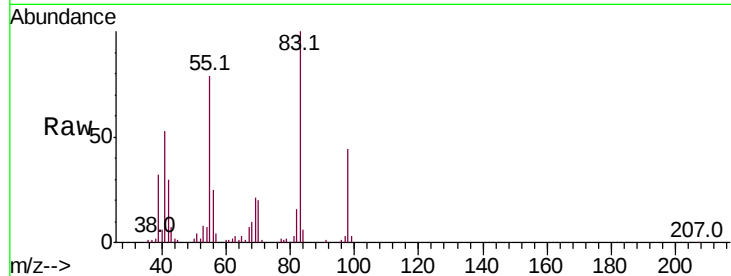




#39
Methvlcvclohexane
Concen: 19.599 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

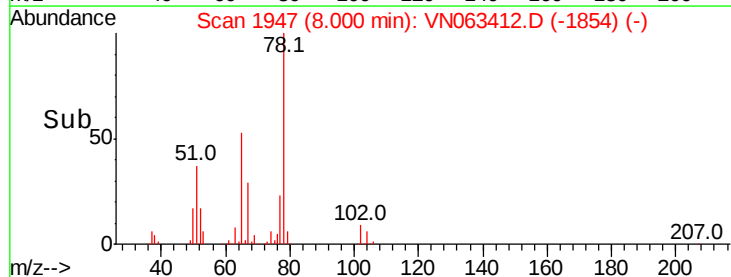
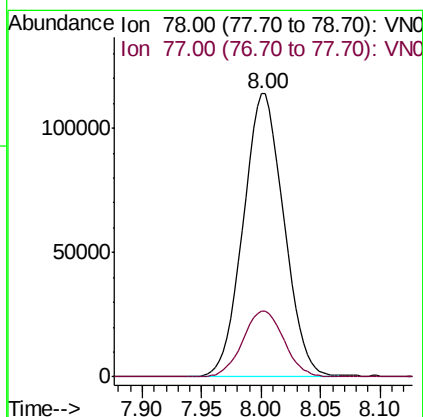
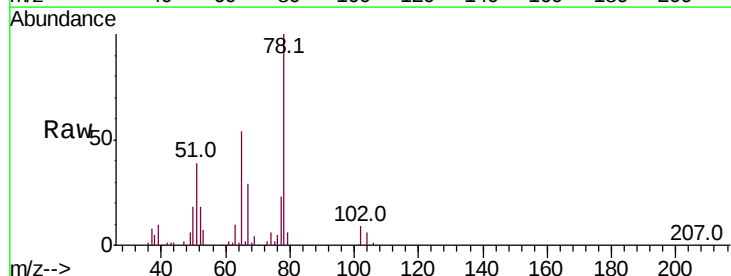
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

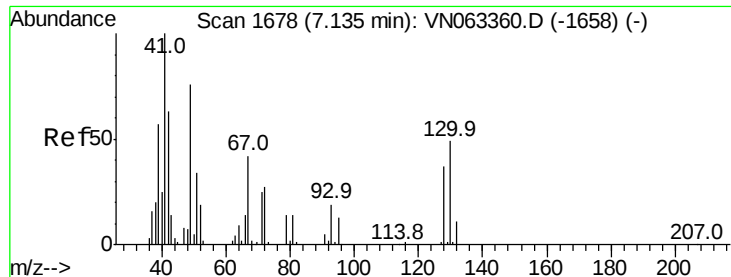
Tot Ion	83	Resp	101582
Ion Ratio	Lower	Upper	
83	100		
55	78.5	65.5	98.3
98	43.6	34.2	51.4



#40
Benzene
Concen: 19.831 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion	78	Resp	270345
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.3	27.5

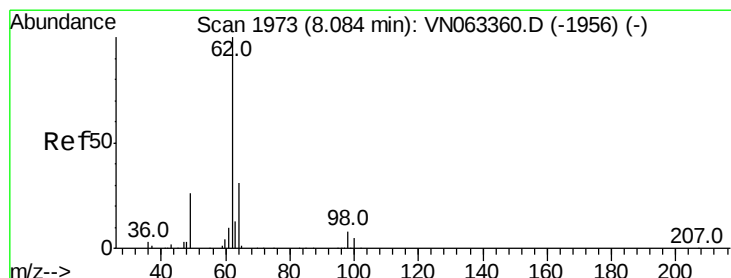
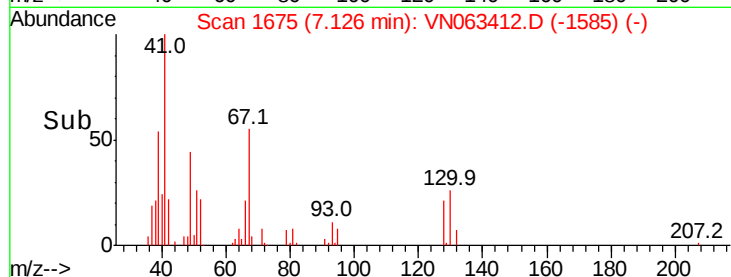
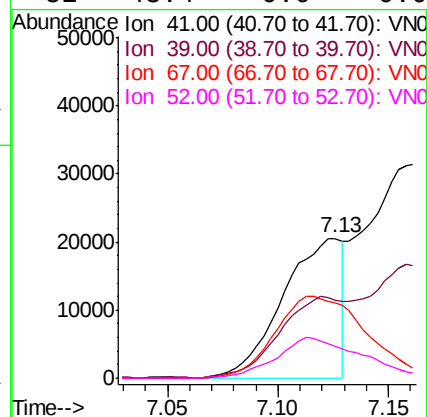
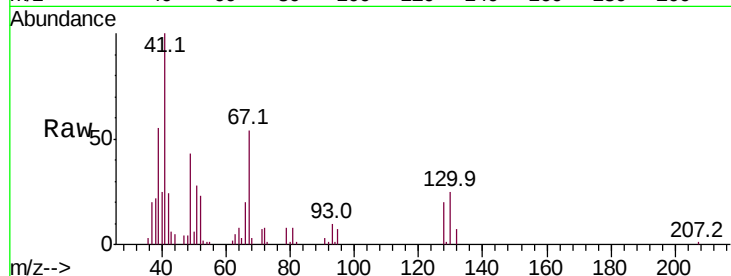




#41
Methacrylonitrile
Concen: 18.326 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

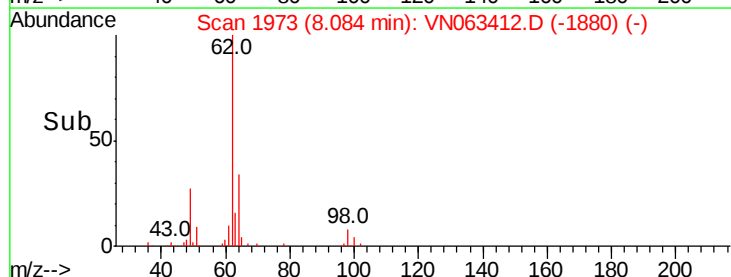
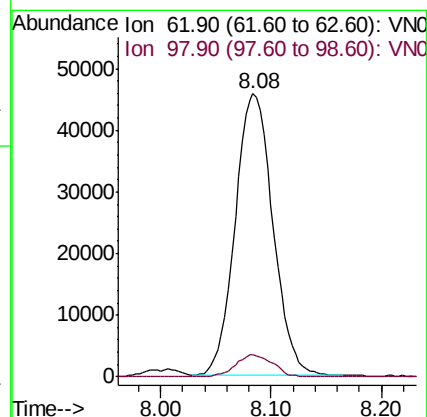
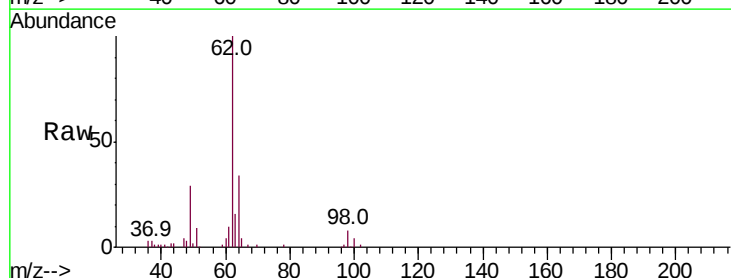
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

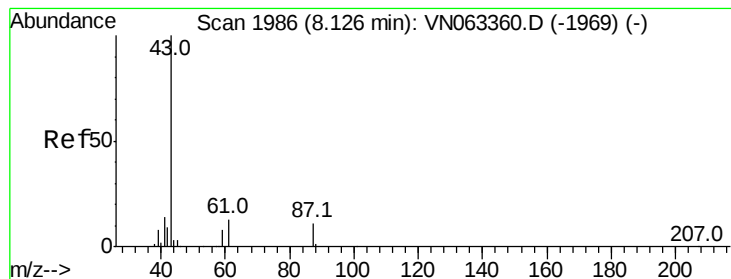
Tot Ion:	41	Resp:	38631
Ion	Ratio	Lower	Upper
41	100		
39	60.0	0.0	0.0#
67	91.0	0.0	0.0#
52	43.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.621 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion:	62	Resp:	107568
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.6





#43

Isopropyl Acetate

Concen: 19.165 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

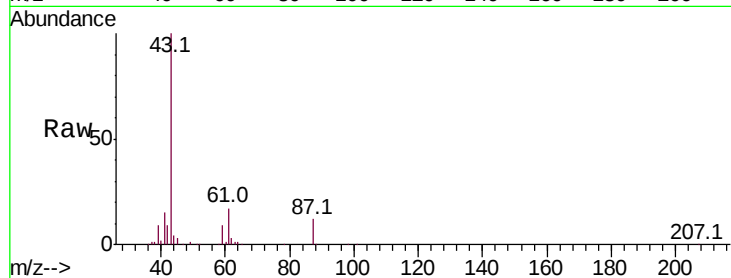
Tot Ion: 43 Resp: 160622

Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.2

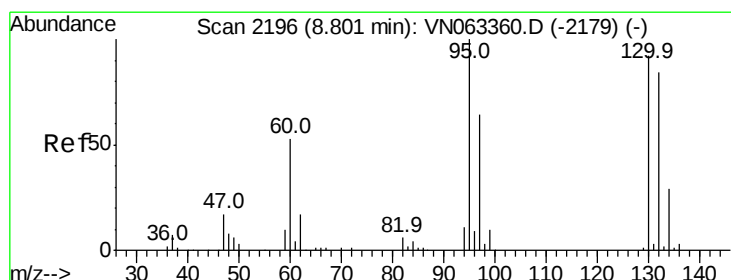
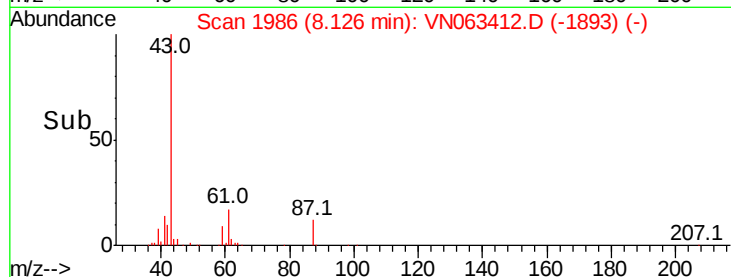
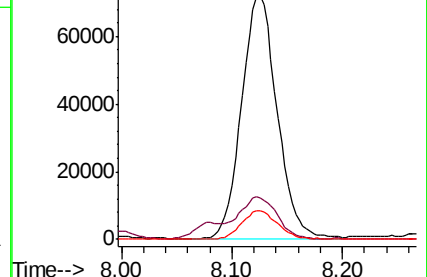
87 12.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 19.553 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063412.D

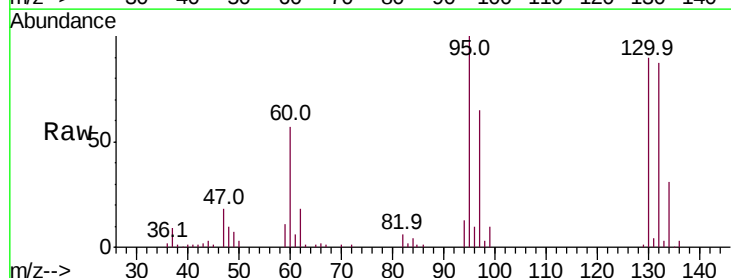
Acq: 17 Sep 2020 12:26

Tgt Ion:130 Resp: 64651

Ion Ratio Lower Upper

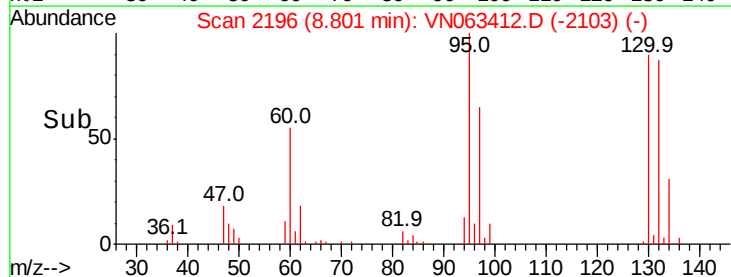
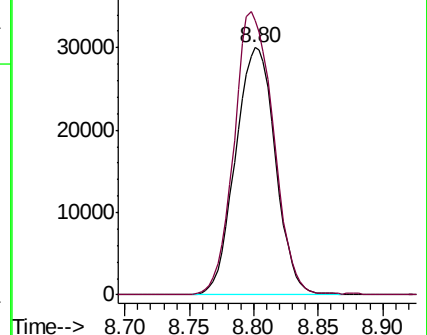
130 100

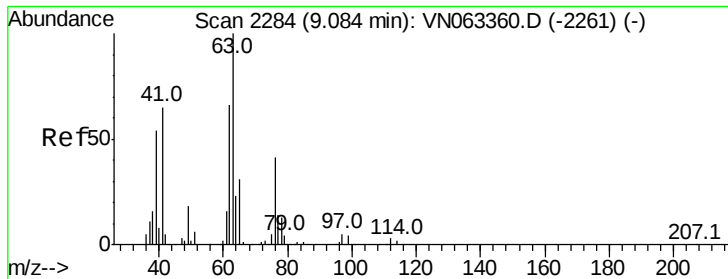
95 111.3 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

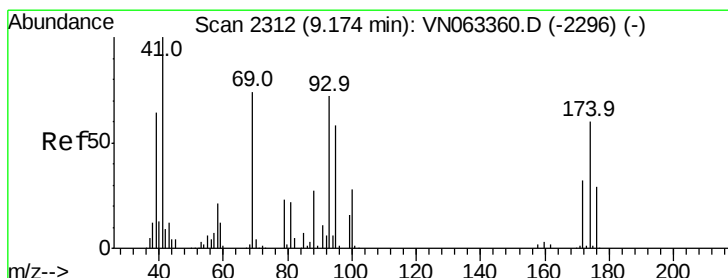
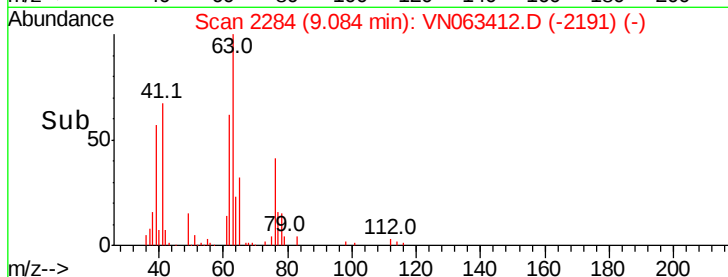
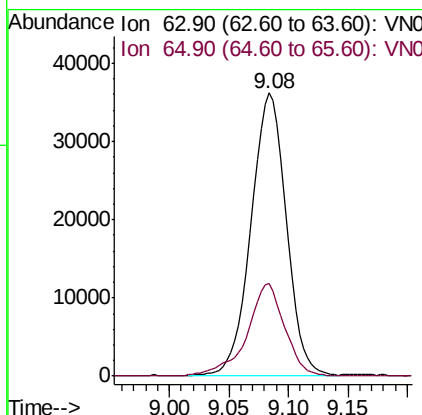
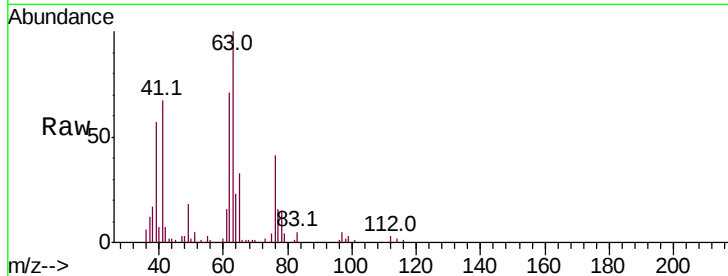




#45
 1,2-Dichloropropane
 Concen: 20.115 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

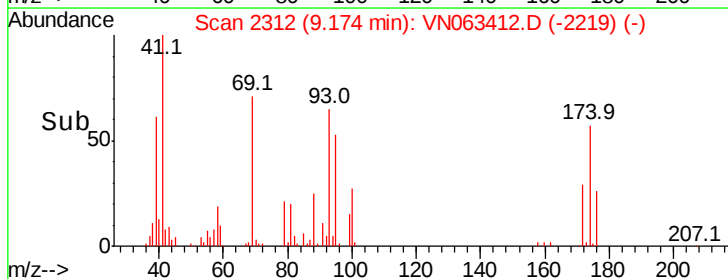
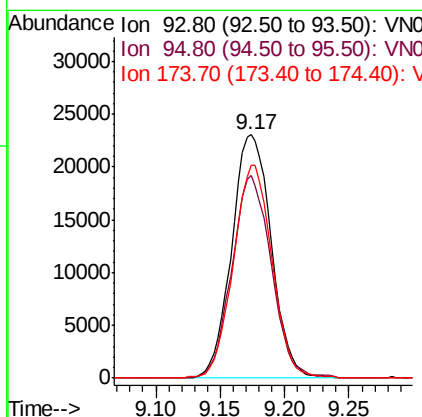
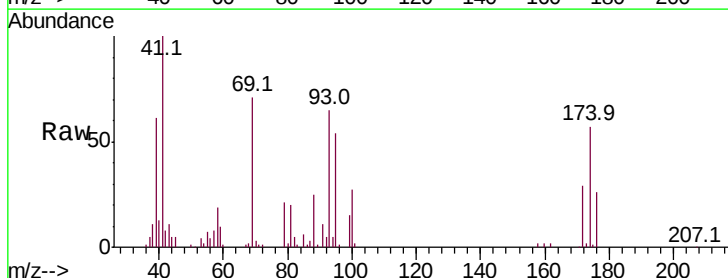
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

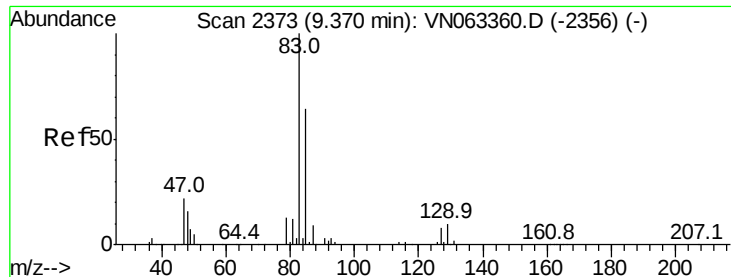
Tot Ion: 63 Resp: 74686
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.0 37.6



#46
 Dibromomethane
 Concen: 20.138 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion: 93 Resp: 49144
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.6 98.4
 174 85.9 68.1 102.1





#47

Bromodichloromethane

Concen: 19.888 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

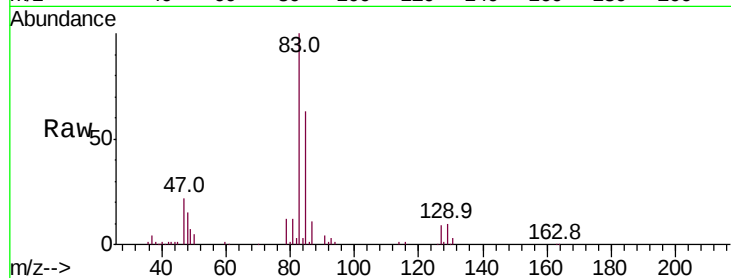
Tot Ion: 83 Resp: 100825

Ion Ratio Lower Upper

83 100

85 63.1 51.0 76.6

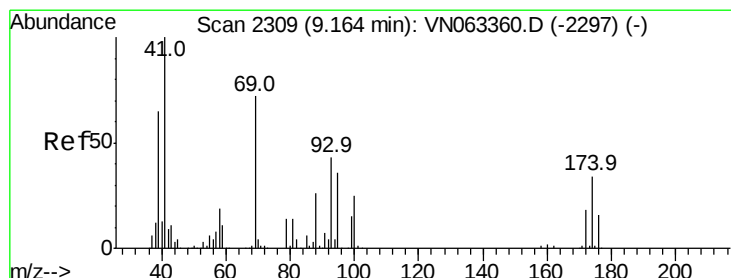
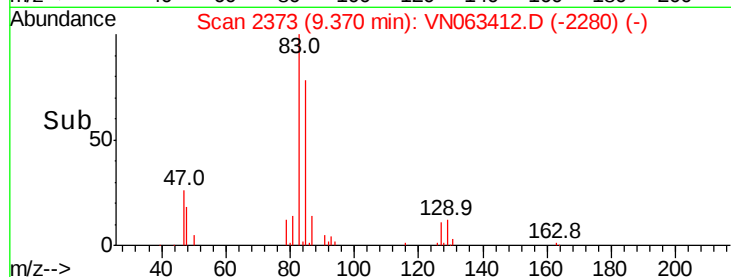
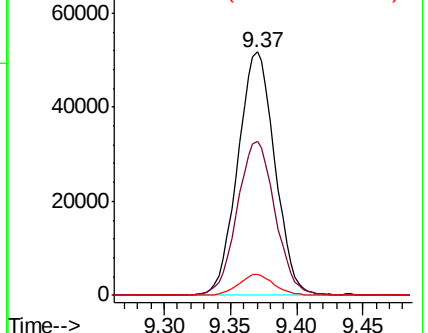
127 8.5 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.310 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

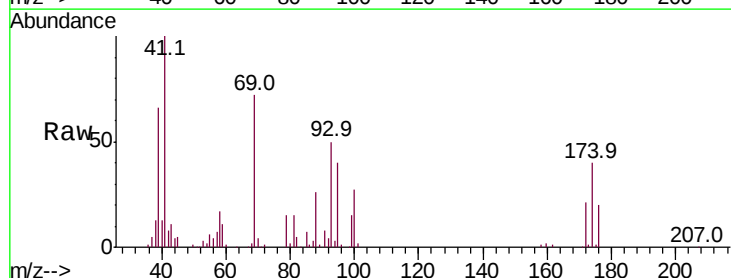
Tgt Ion: 41 Resp: 79512

Ion Ratio Lower Upper

41 100

69 75.7 59.3 88.9

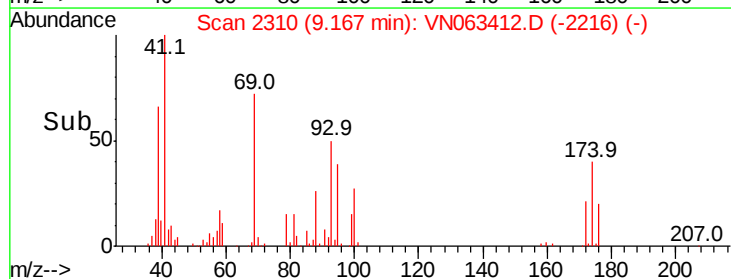
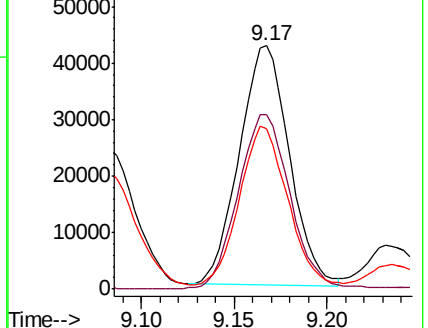
39 63.8 52.9 79.3

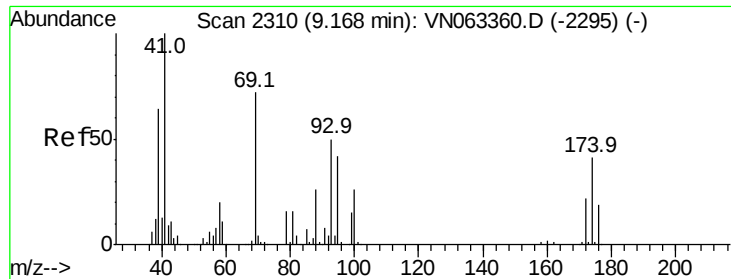


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

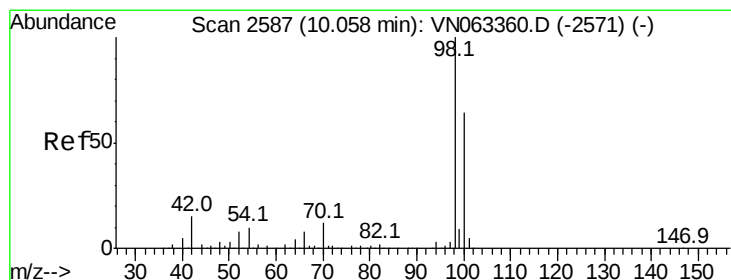
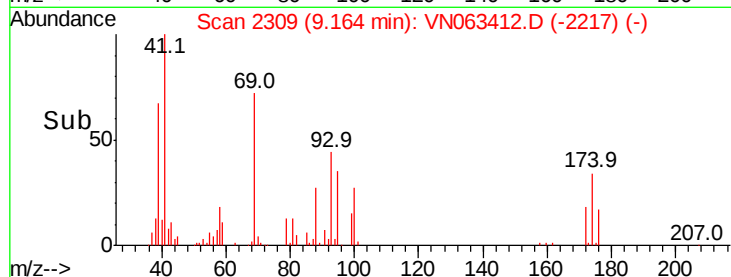
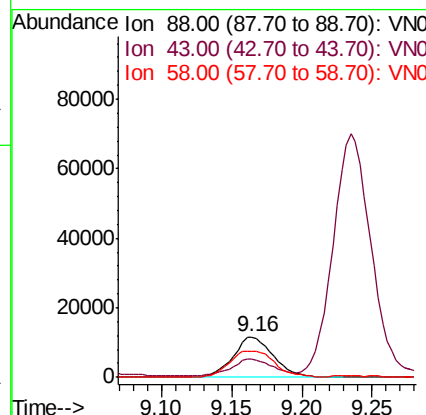
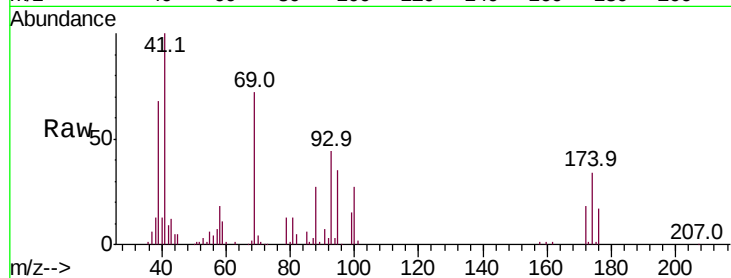




#49
1,4-Dioxane
Concen: 393.979 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

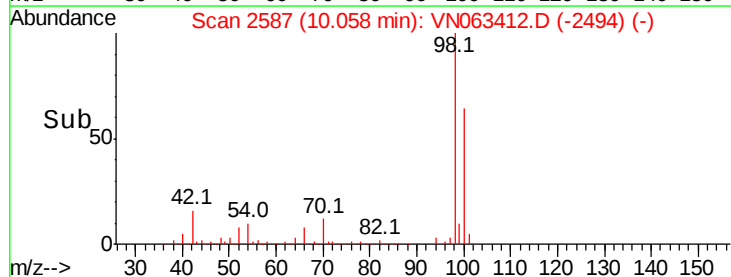
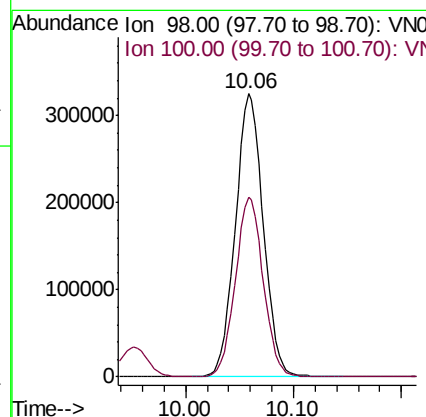
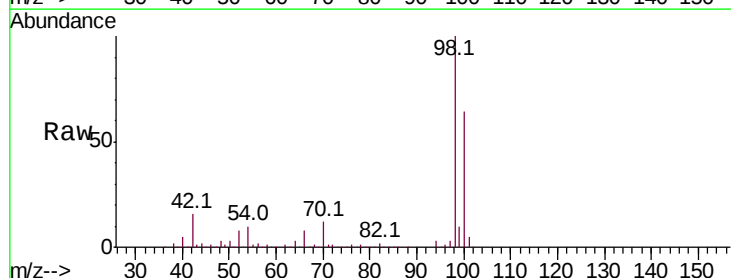
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

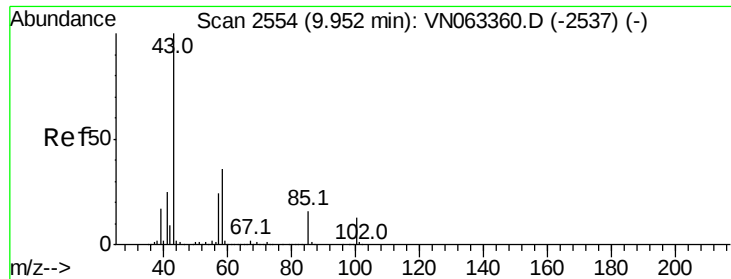
Tot Ion: 88 Resp: 23280
Ion Ratio Lower Upper
88 100
43 42.3 32.6 49.0
58 73.0 60.0 90.0



#50
Toluene-d8
Concen: 50.319 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 98 Resp: 587149
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 102.017 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

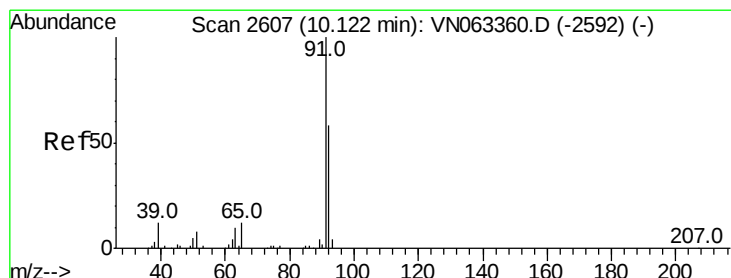
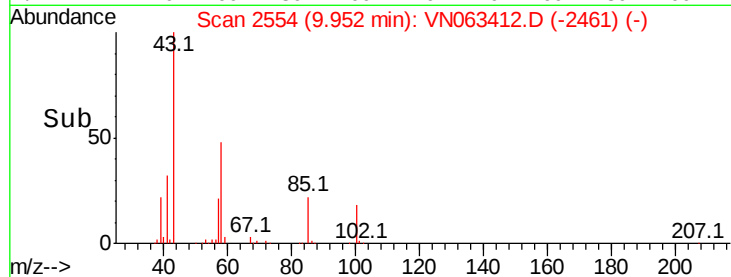
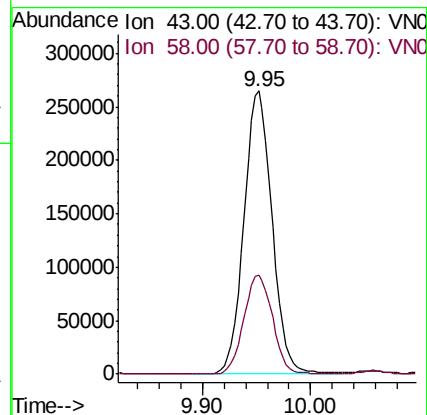
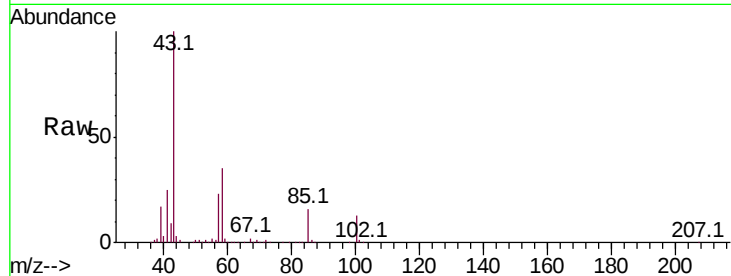
VN0917WBSD01

Tot Ion: 43 Resp: 478650

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6



#52

Toluene

Concen: 20.295 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063412.D

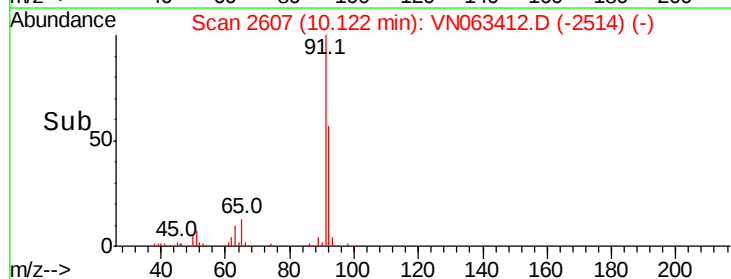
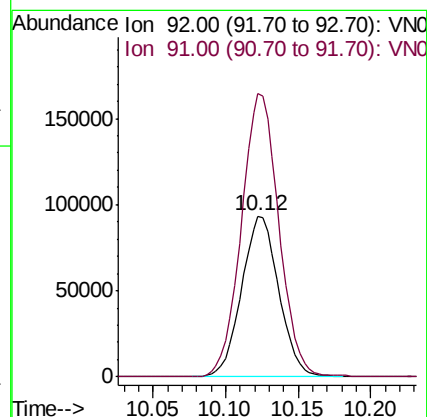
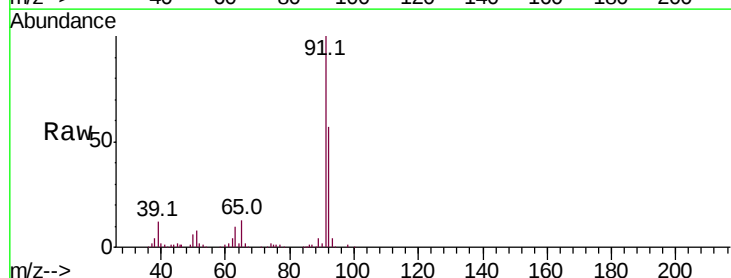
Acq: 17 Sep 2020 12:26

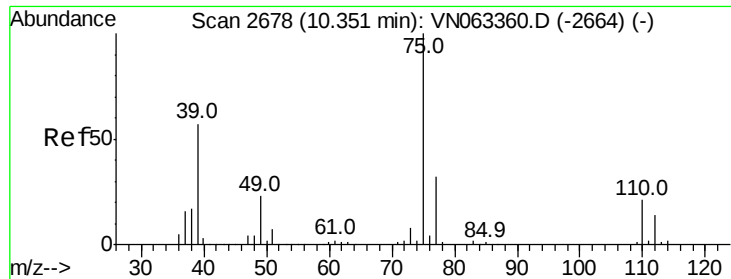
Tgt Ion: 92 Resp: 166345

Ion Ratio Lower Upper

92 100

91 177.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.060 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

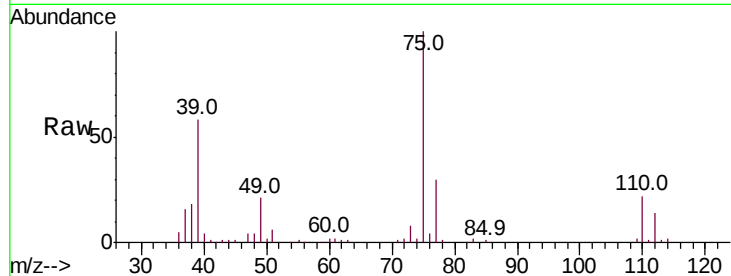
VN0917WBSD01

Tot Ion: 75 Resp: 113532

Ion Ratio Lower Upper

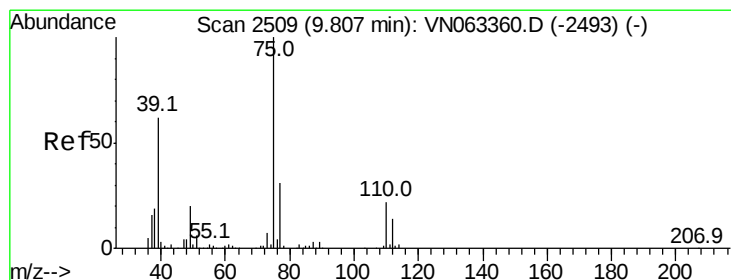
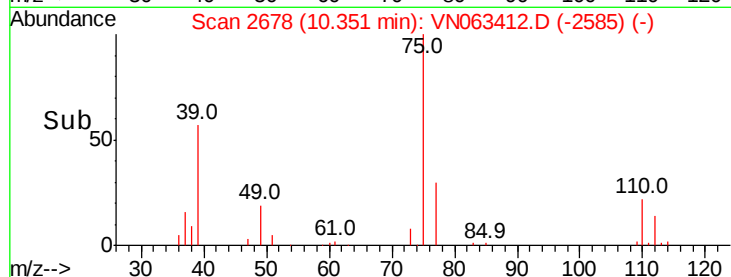
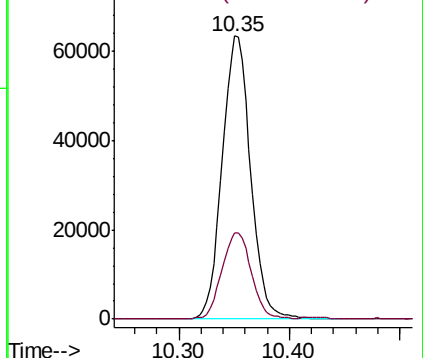
75 100

77 30.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.643 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

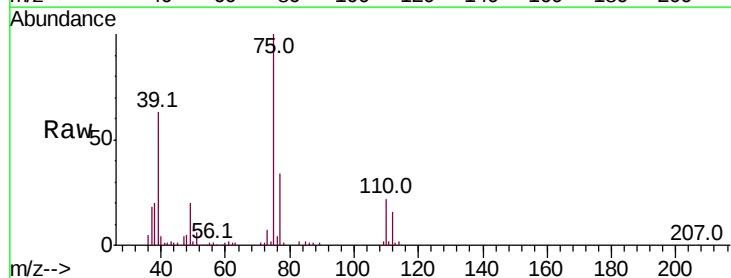
Tgt Ion: 75 Resp: 117264

Ion Ratio Lower Upper

75 100

77 33.9 24.6 37.0

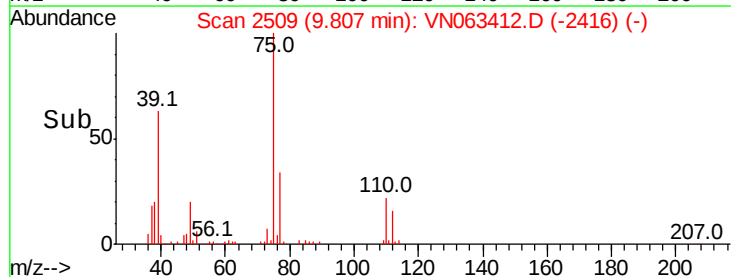
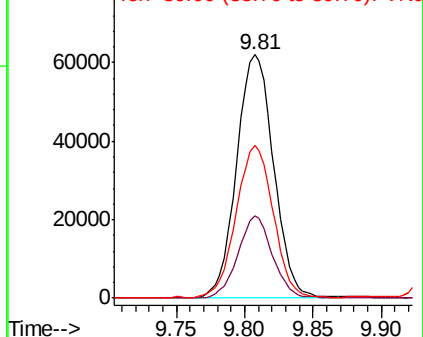
39 62.3 49.8 74.8

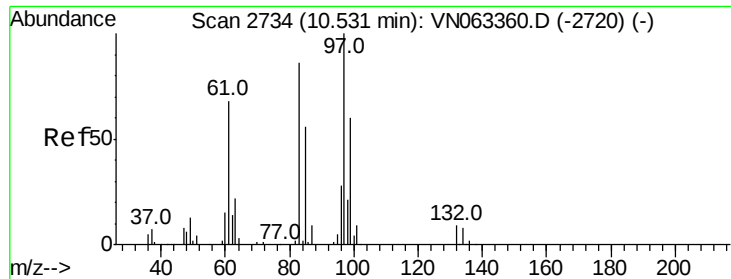


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

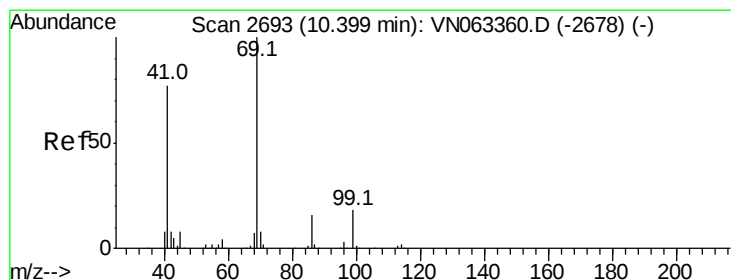
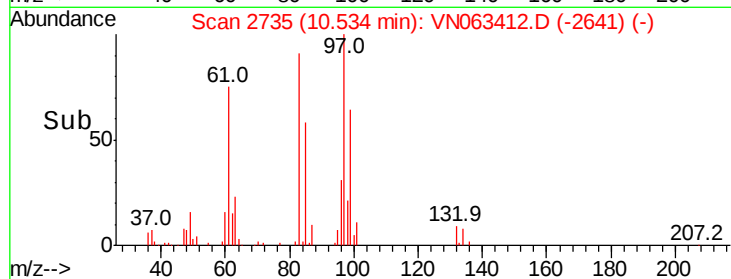
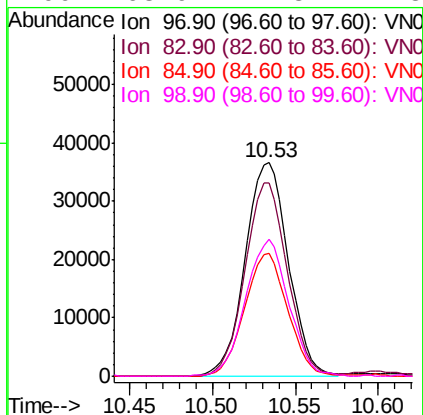
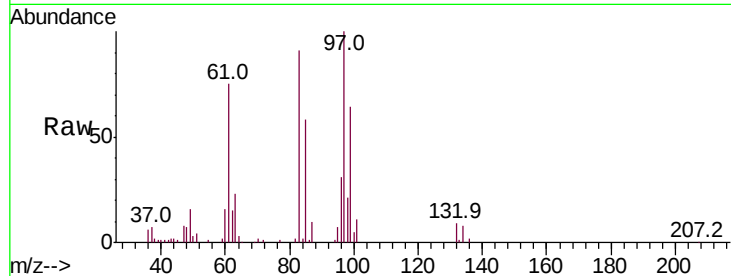




#55
 1,1,2-Trichloroethane
 Concen: 20.345 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

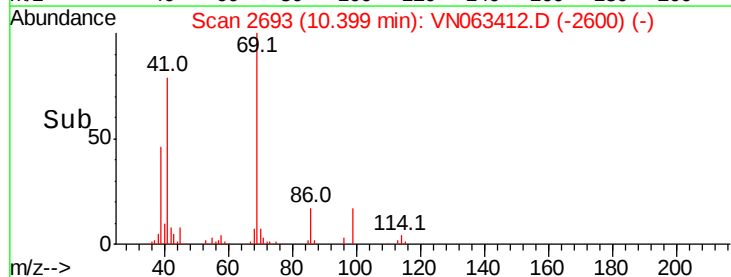
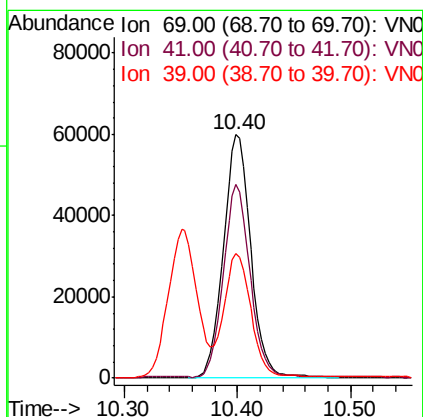
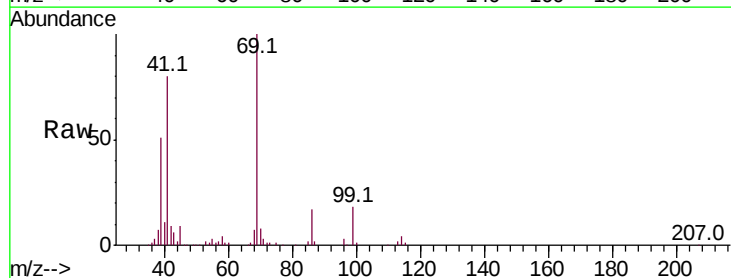
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

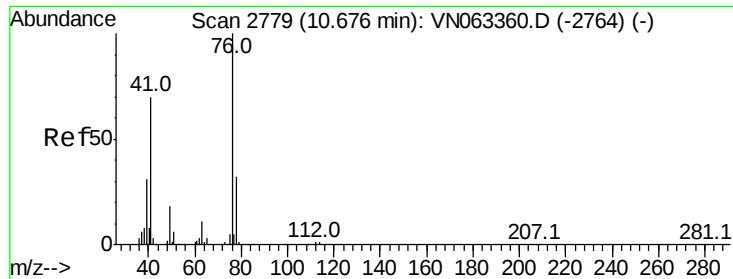
Tot Ion:	97	Resp:	66235
Ion	Ratio	Lower	Upper
97	100		
83	90.8	68.9	103.3
85	57.6	44.8	67.2
99	63.9	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 19.901 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion:	69	Resp:	101145
Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.0	91.6
39	49.3	39.2	58.8





#57

1,3-Dichloropropane

Concen: 19.929 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

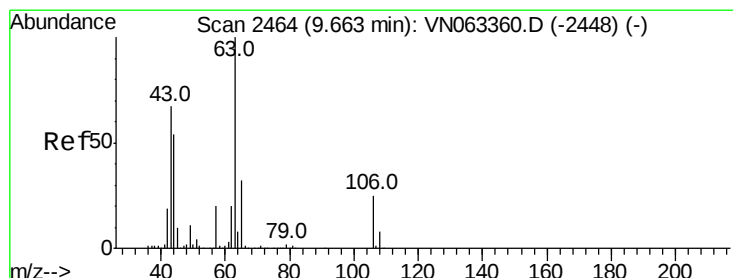
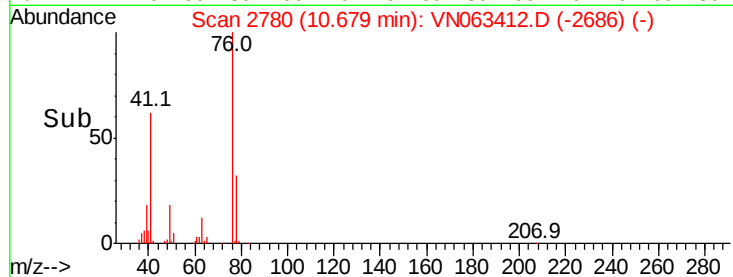
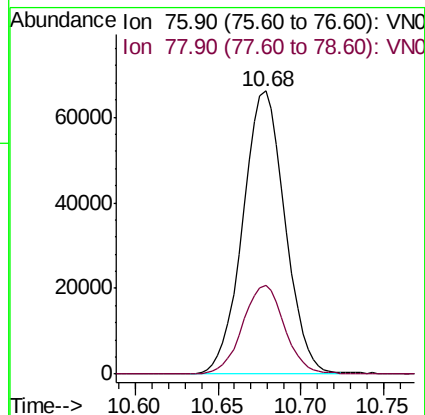
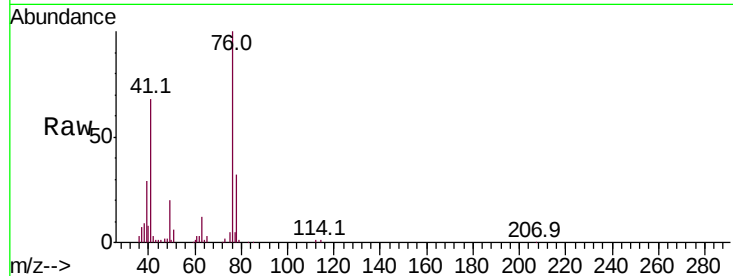
VN0917WBSD01

Tot Ion: 76 Resp: 117004

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.246 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063412.D

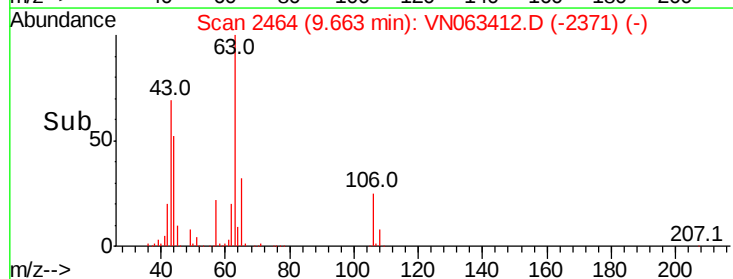
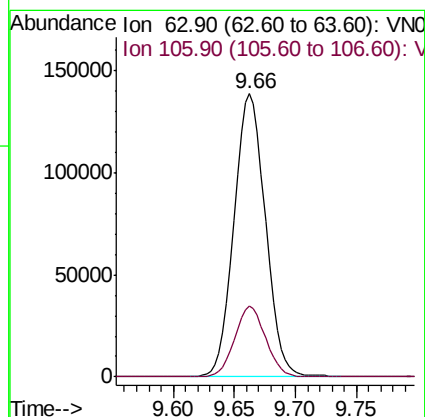
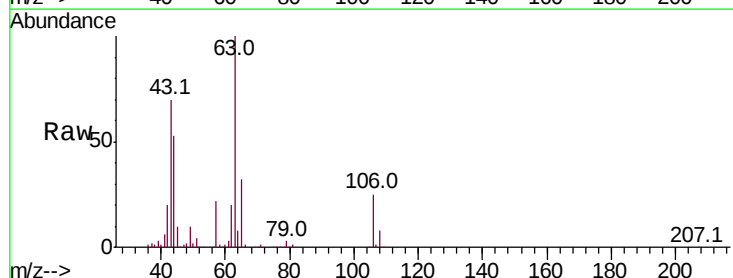
Acq: 17 Sep 2020 12:26

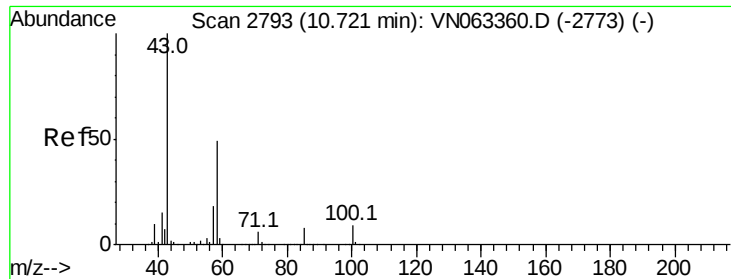
Tgt Ion: 63 Resp: 248604

Ion Ratio Lower Upper

63 100

106 24.5 19.5 29.3

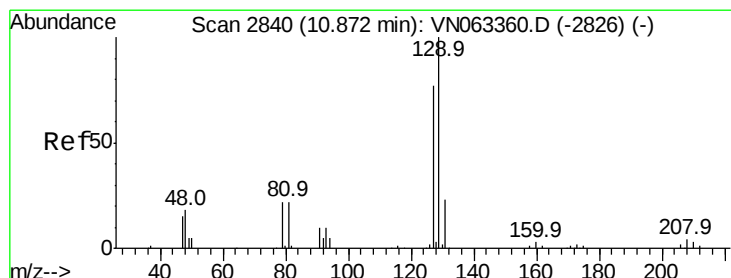
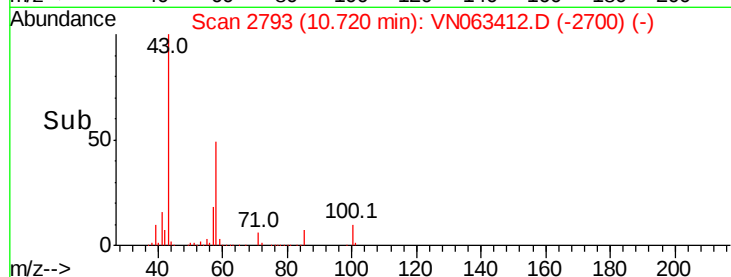
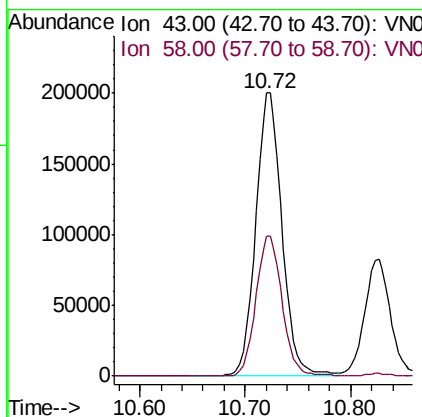
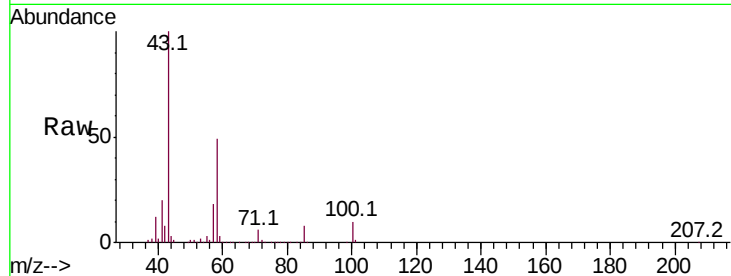




#59
2-Hexanone
Concen: 101.712 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

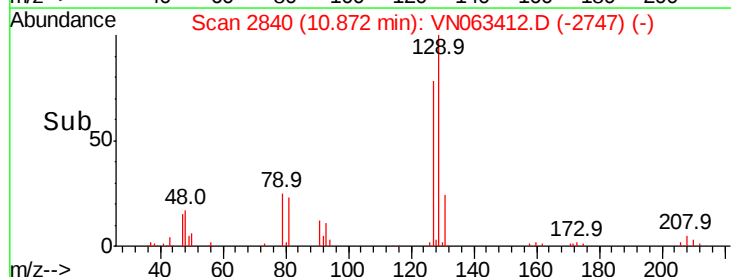
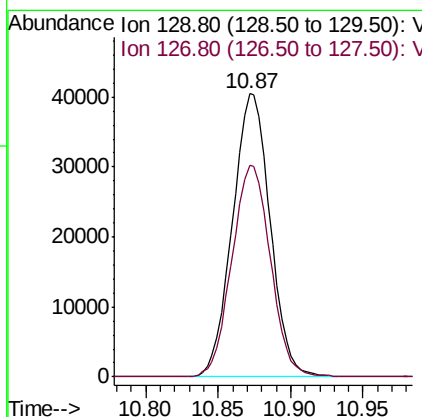
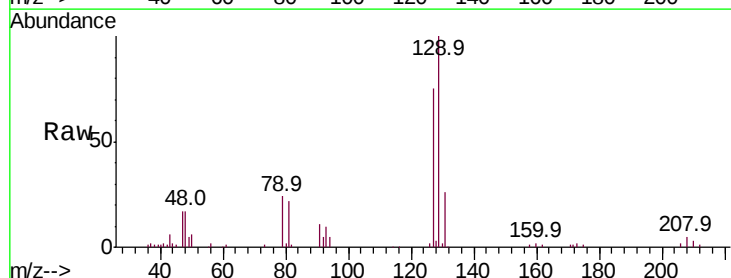
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

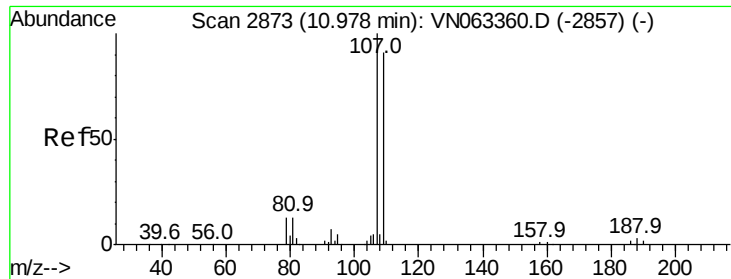
Tot Ion: 43 Resp: 345734
Ion Ratio Lower Upper
43 100
58 49.9 24.7 74.1



#60
Dibromochloromethane
Concen: 19.845 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 129 Resp: 72991
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3

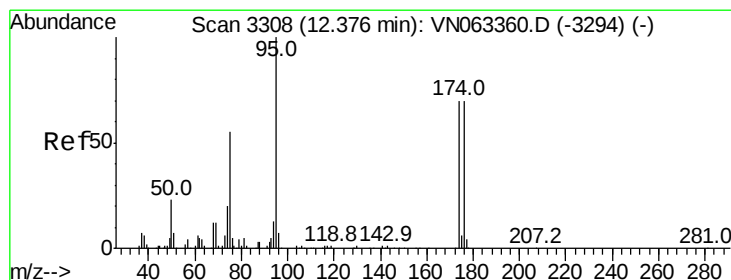
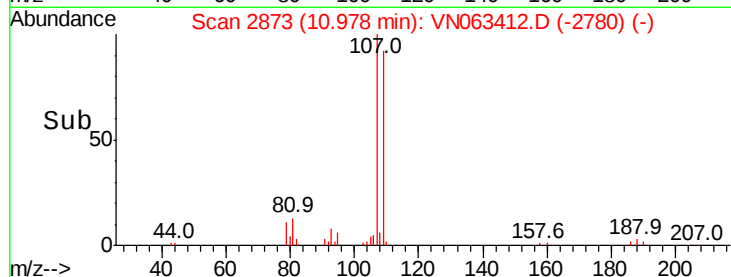
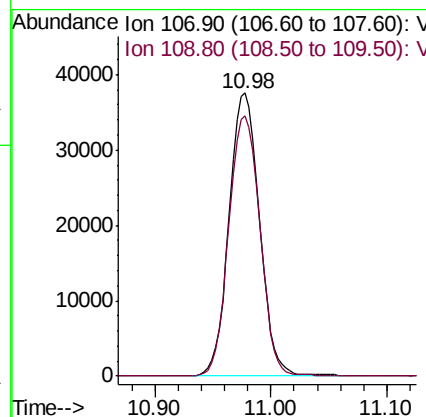
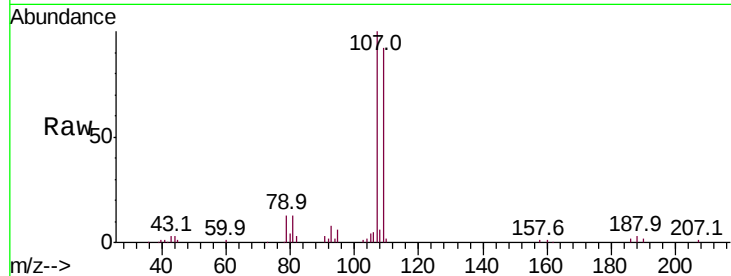




#61
 1,2-Dibromoethane
 Concen: 20.107 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

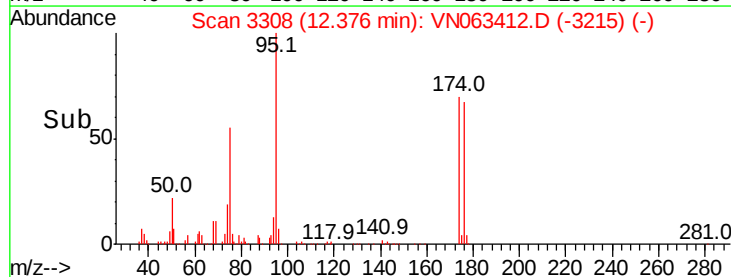
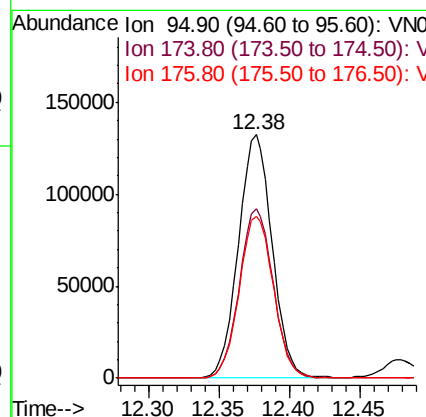
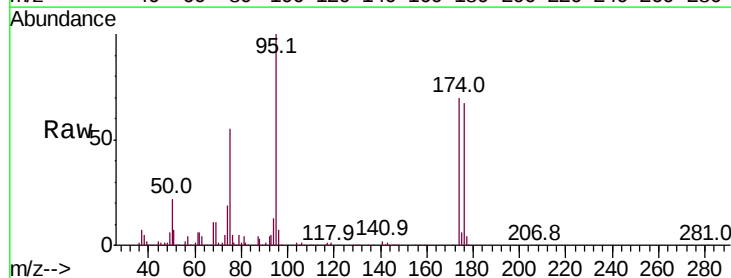
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

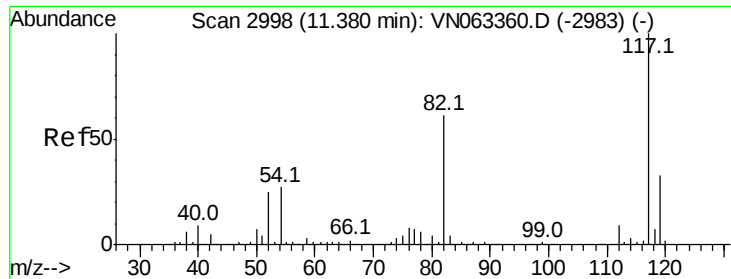
Tot Ion:107 Resp: 68007
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 51.928 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion: 95 Resp: 222122
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 140.8
 176 67.7 0.0 137.6

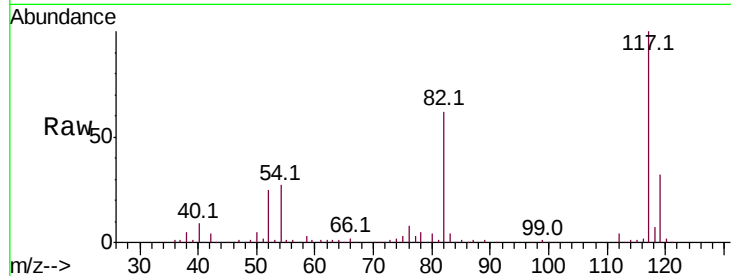




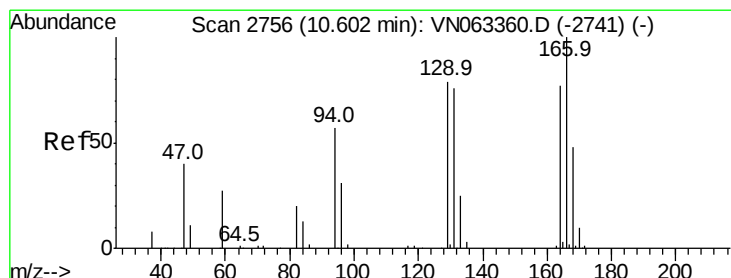
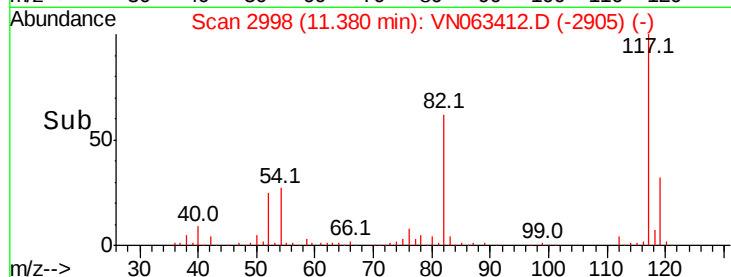
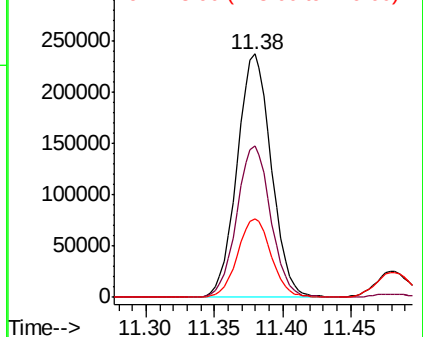
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tot Ion:117 Resp: 413174
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 32.4 26.2 39.4

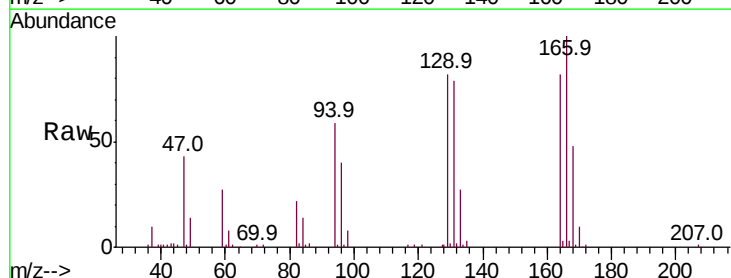


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

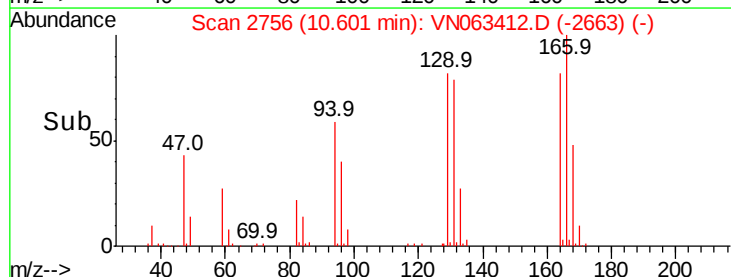
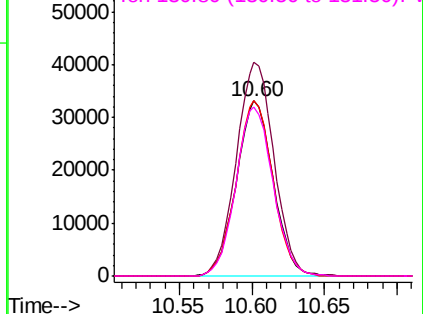


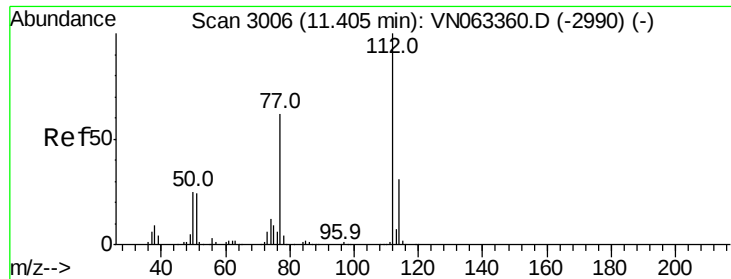
#64
Tetrachloroethene
Concen: 20.743 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion:164 Resp: 58358
Ion Ratio Lower Upper
164 100
166 121.9 103.4 155.0
129 100.2 81.8 122.6
131 96.4 78.2 117.4



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: 19.738 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

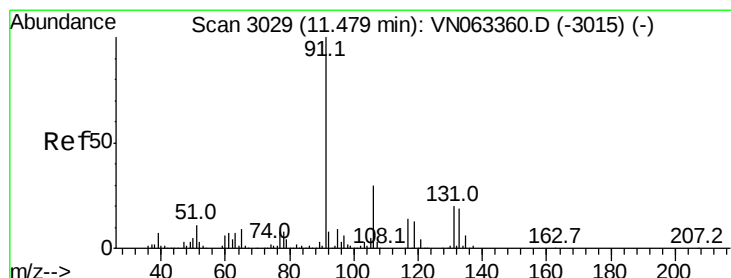
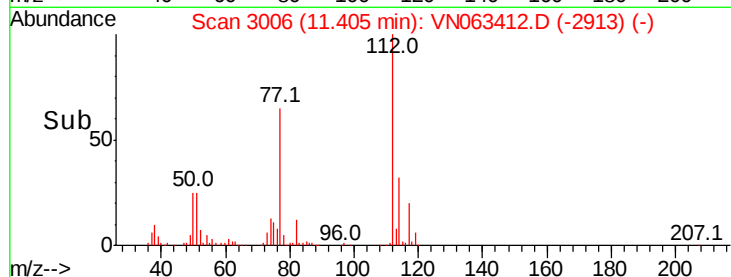
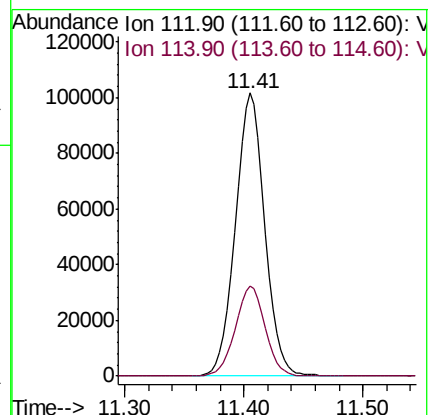
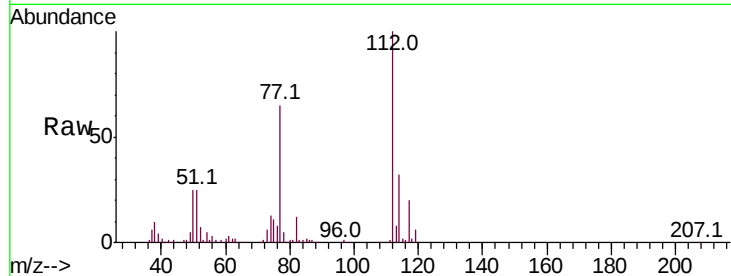
VN0917WBSD01

Tot Ion:112 Resp: 173109

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.347 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

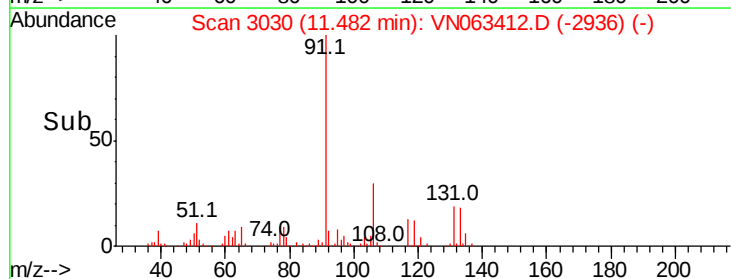
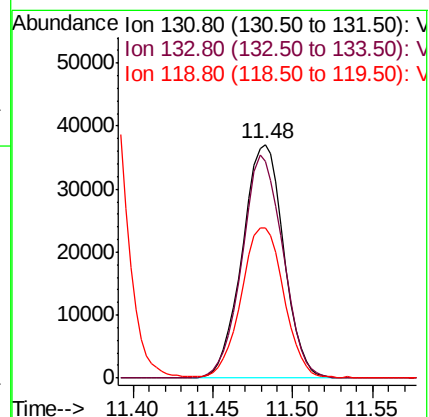
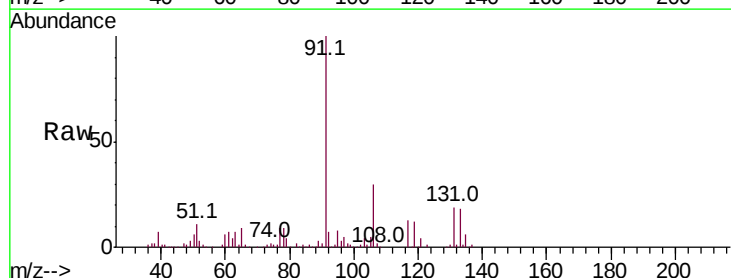
Tgt Ion:131 Resp: 65415

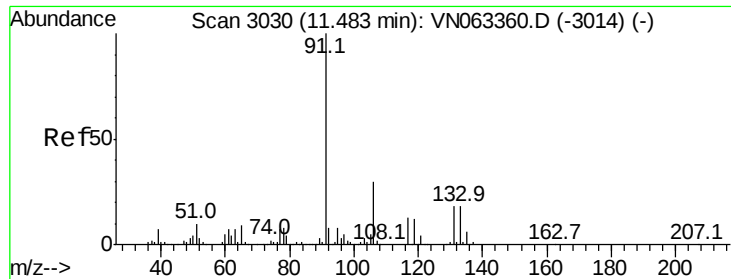
Ion Ratio Lower Upper

131 100

133 94.4 47.3 141.9

119 66.6 33.6 100.8

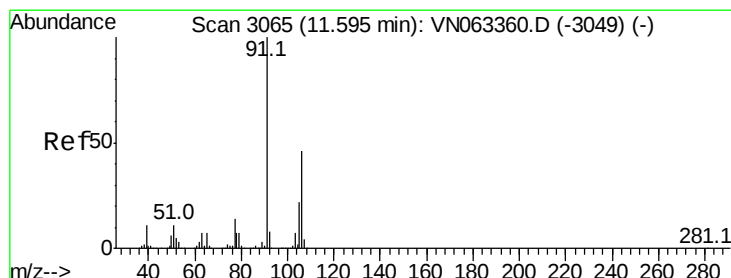
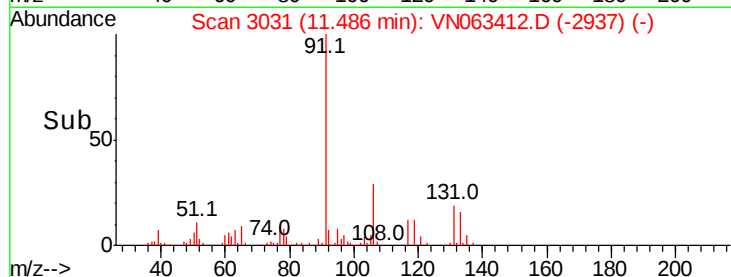
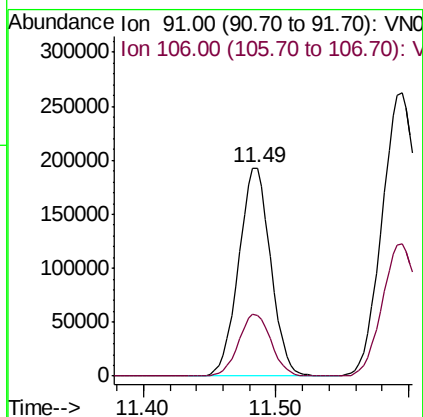
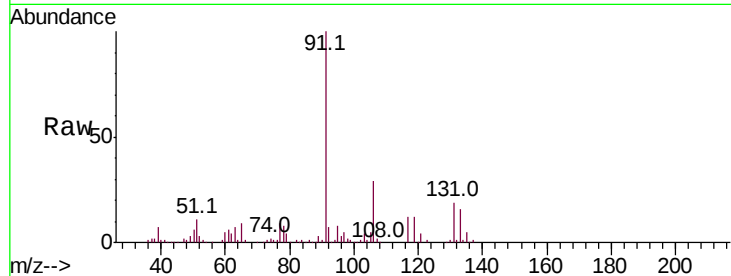




#67
Ethyl Benzene
Concen: 19.640 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

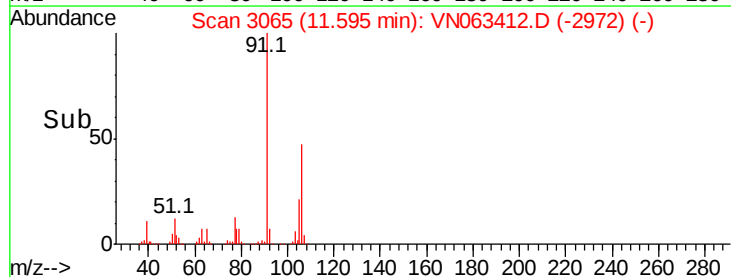
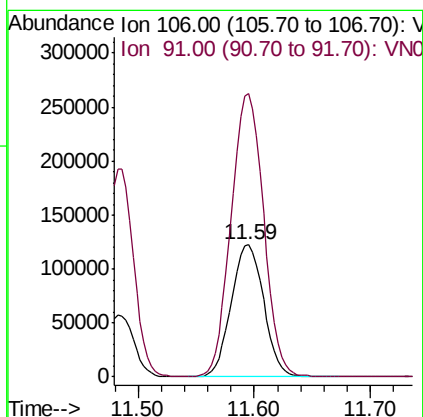
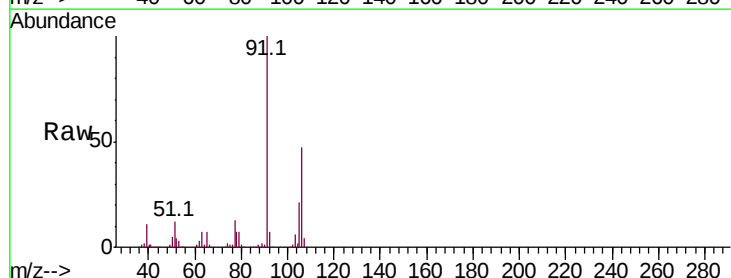
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

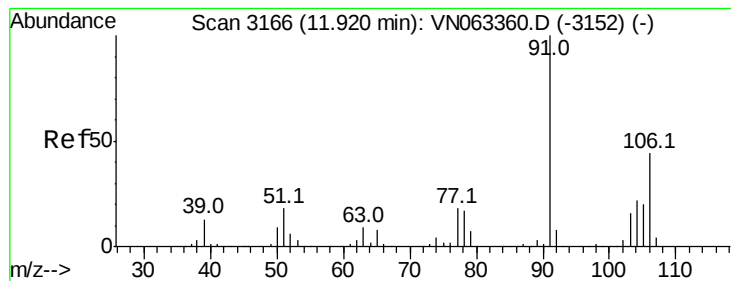
Tot Ion: 91 Resp: 324378
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.6



#68
m/p-Xylenes
Concen: 40.055 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion: 106 Resp: 238531
Ion Ratio Lower Upper
106 100
91 213.0 171.2 256.8





#69

o-Xylene

Concen: 20.436 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

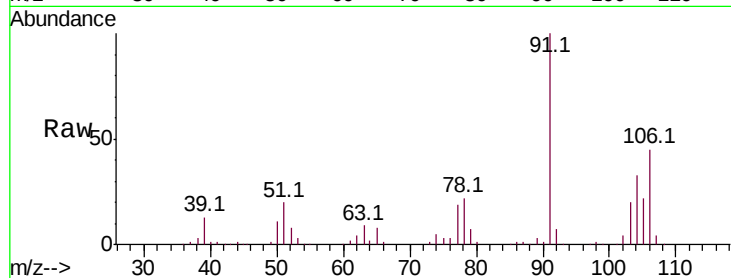
VN0917WBSD01

Tot Ion:106 Resp: 115928

Ion Ratio Lower Upper

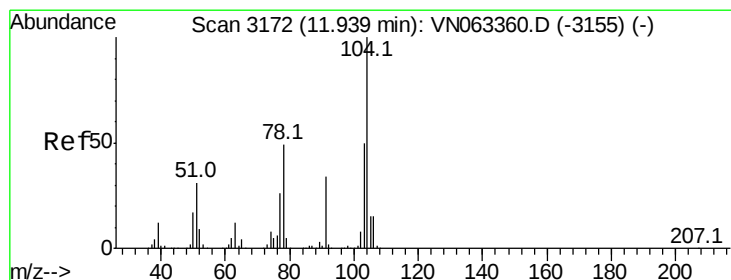
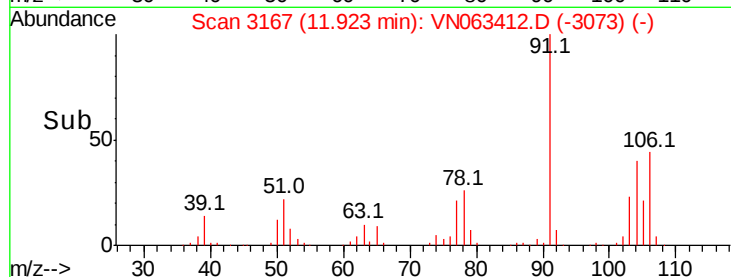
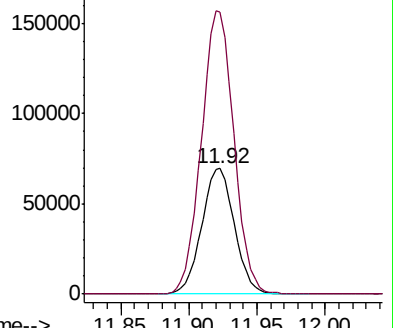
106 100

91 223.9 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 20.660 ug/l

RT: 11.94 min Scan# 3172

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

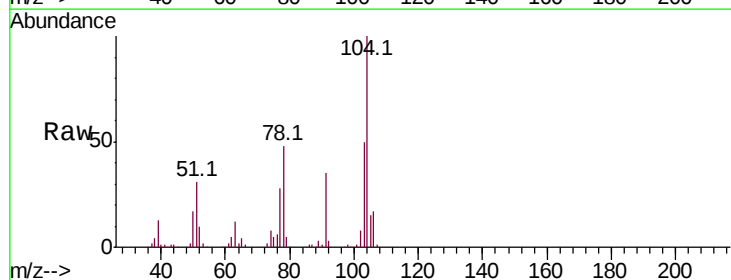
Tgt Ion:104 Resp: 196546

Ion Ratio Lower Upper

104 100

78 54.1 44.4 66.6

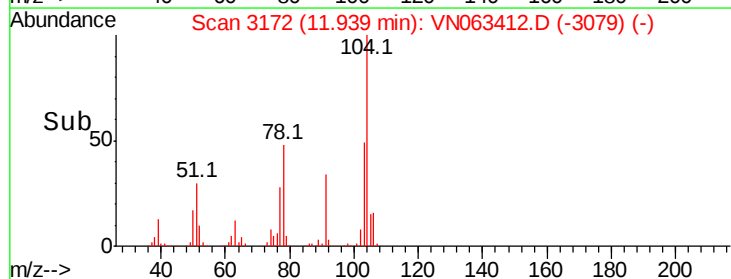
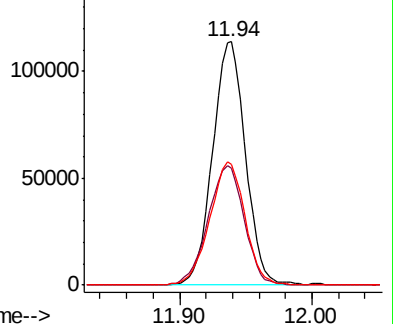
103 54.3 43.7 65.5

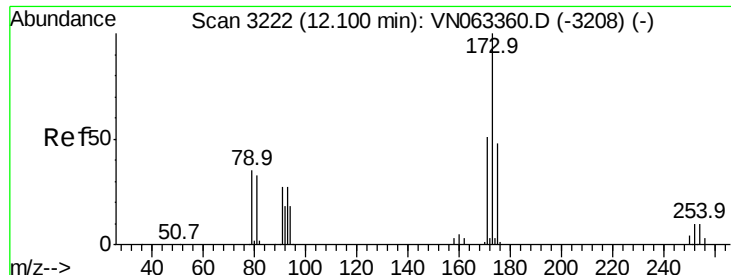


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.423 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

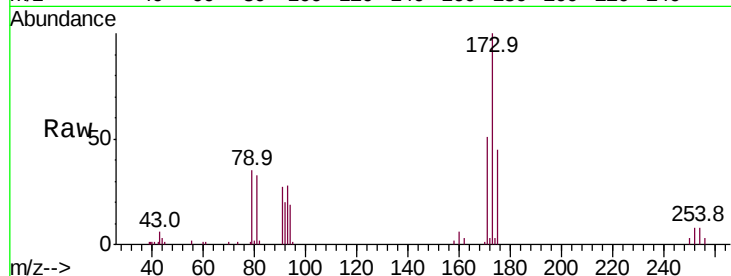
Tot Ion:173 Resp: 46518

Ion Ratio Lower Upper

173 100

175 46.2 24.0 72.0

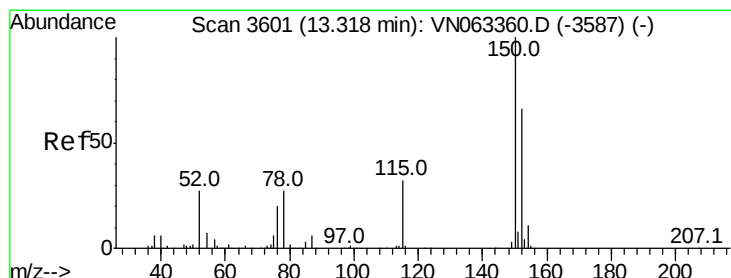
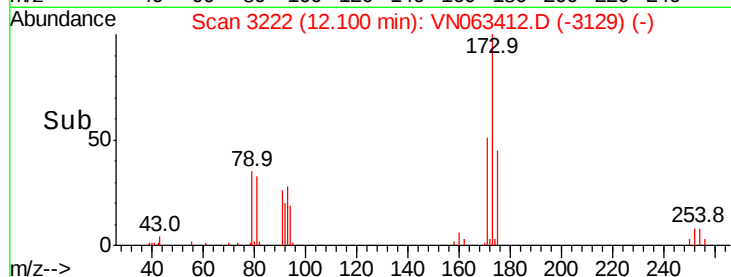
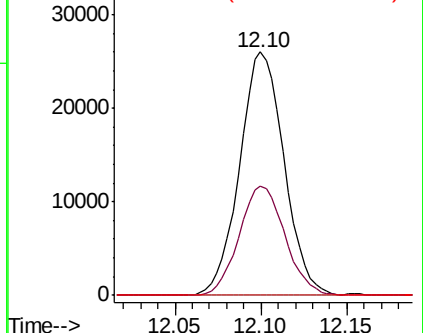
254 0.0 0.0 0.0



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: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

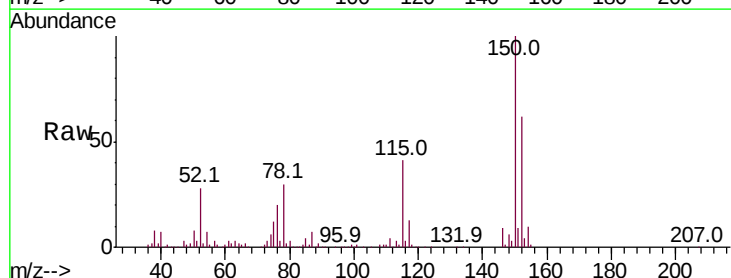
Tgt Ion:152 Resp: 193421

Ion Ratio Lower Upper

152 100

115 65.8 32.2 96.6

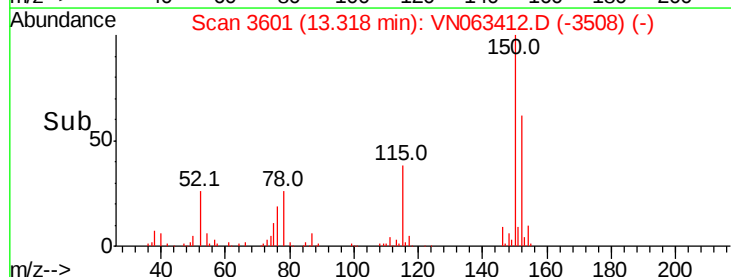
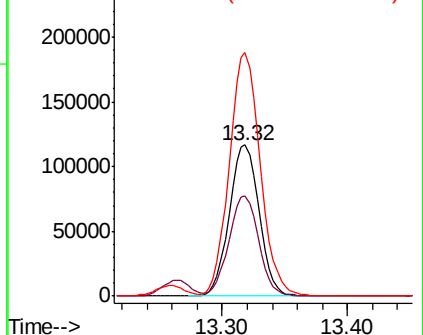
150 165.9 0.0 343.4

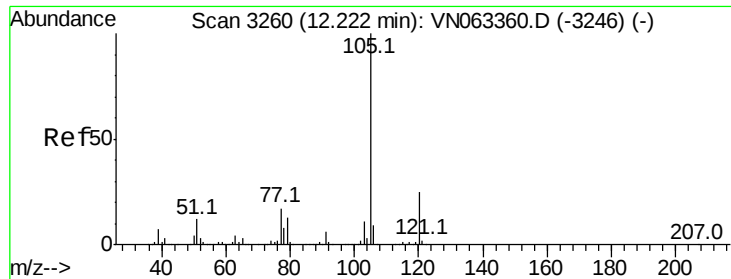


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.092 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

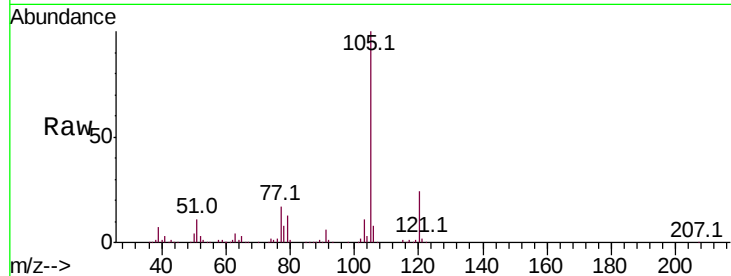
VN0917WBSD01

Tot Ion:105 Resp: 311425

Ion Ratio Lower Upper

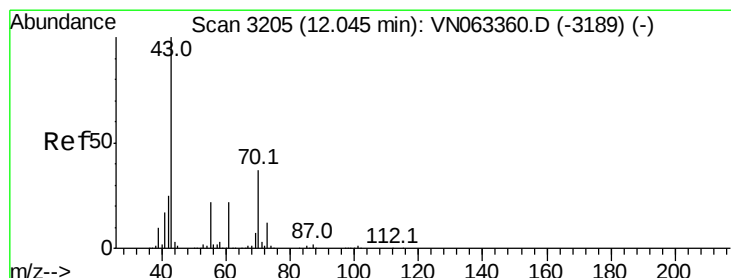
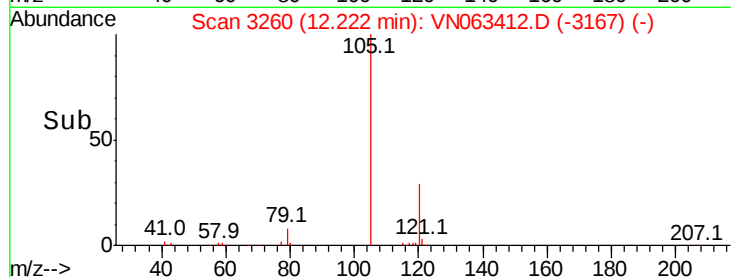
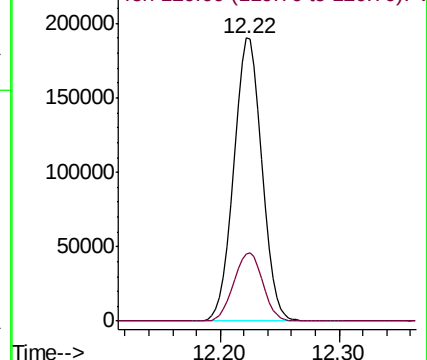
105 100

120 24.9 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.451 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Tgt Ion: 43 Resp: 142715

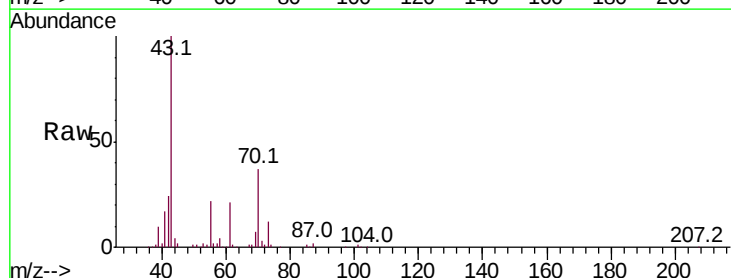
Ion Ratio Lower Upper

43 100

70 37.2 29.6 44.4

55 22.0 17.7 26.5

61 21.6 17.4 26.2

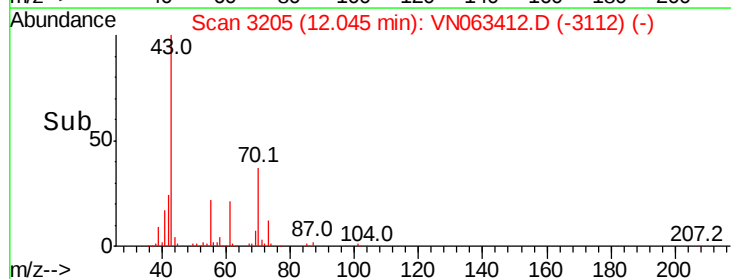
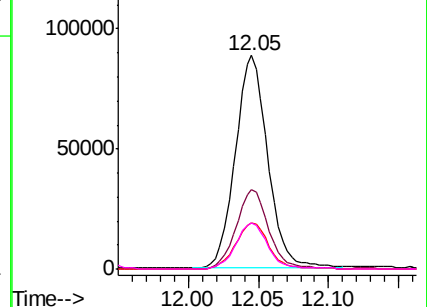


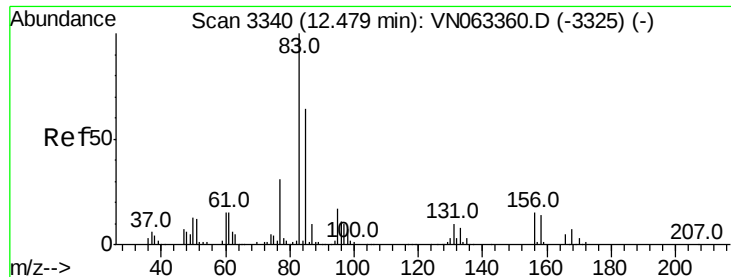
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.327 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

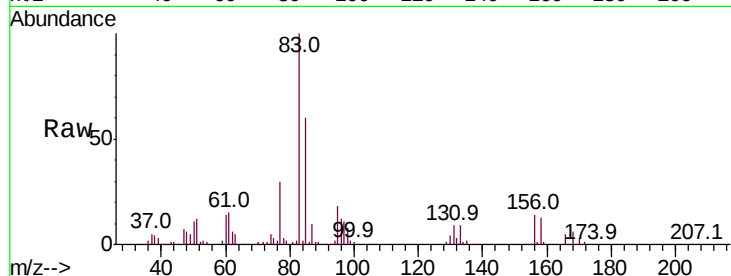
Tot Ion: 83 Resp: 97553

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

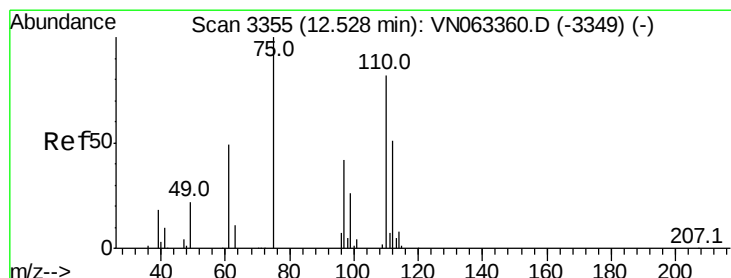
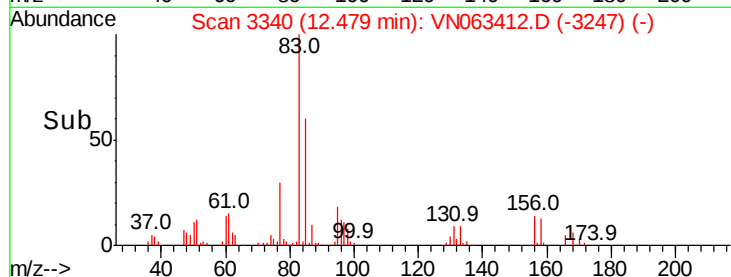
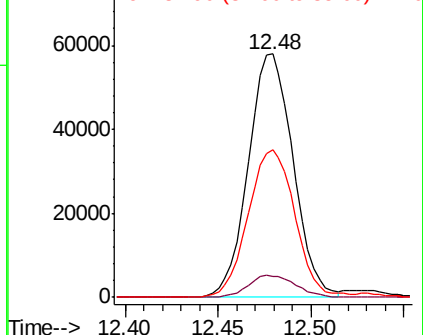
85 63.3 32.0 96.0



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: 27.870 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063412.D

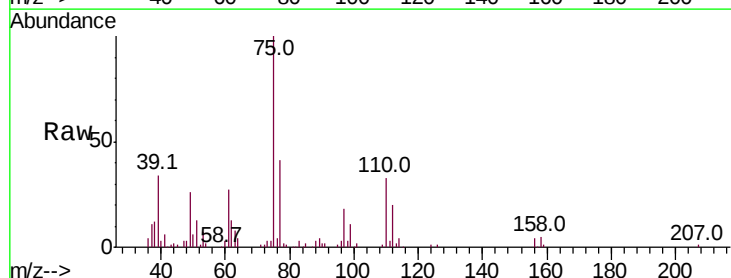
Acq: 17 Sep 2020 12:26

Tgt Ion: 75 Resp: 133424

Ion Ratio Lower Upper

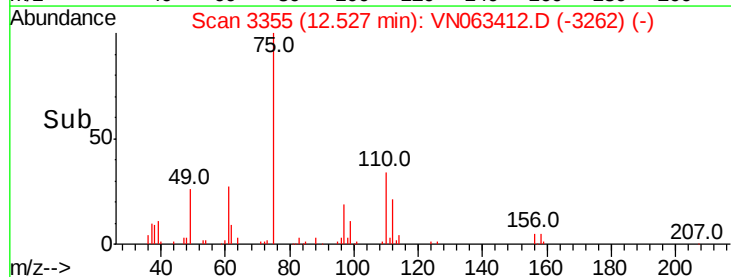
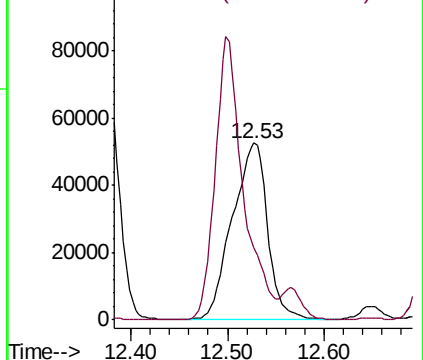
75 100

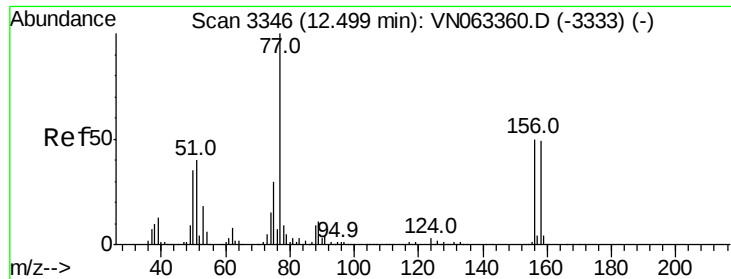
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.042 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

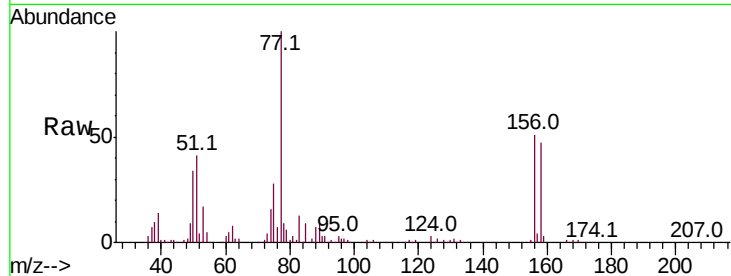
Tot Ion:156 Resp: 73365

Ion Ratio Lower Upper

156 100

77 233.4 120.2 360.6

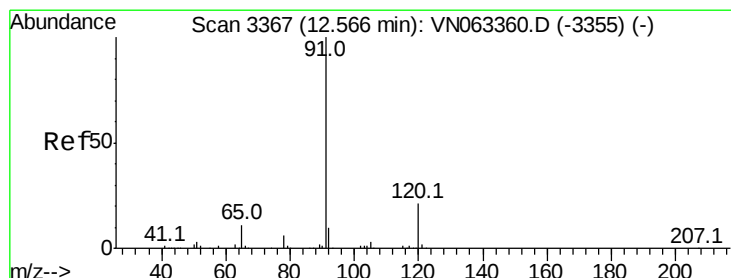
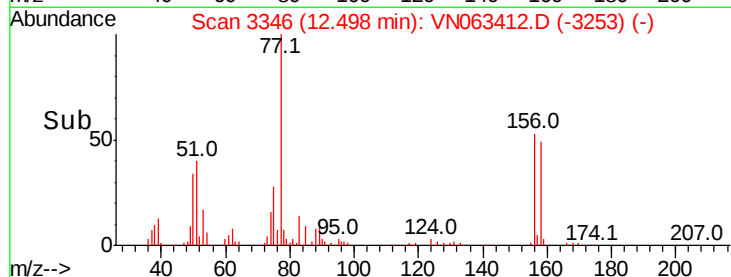
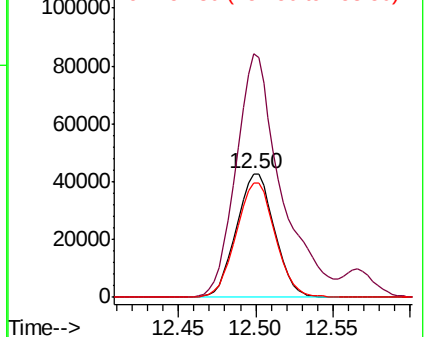
158 94.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.956 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063412.D

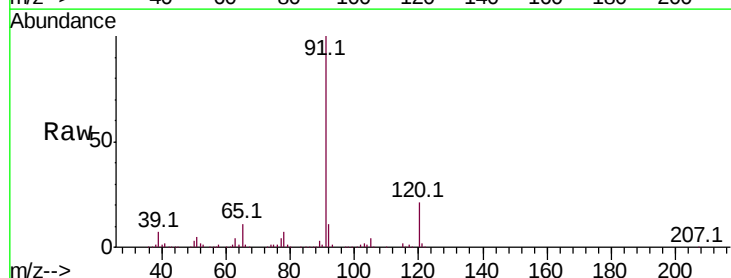
Acq: 17 Sep 2020 12:26

Tgt Ion: 91 Resp: 360262

Ion Ratio Lower Upper

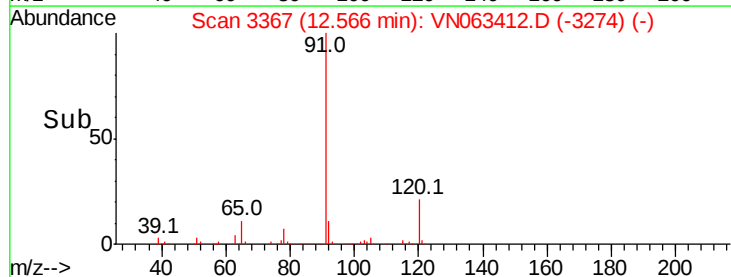
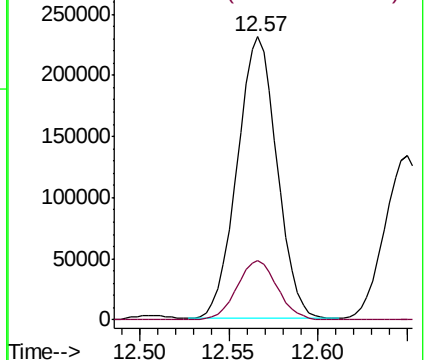
91 100

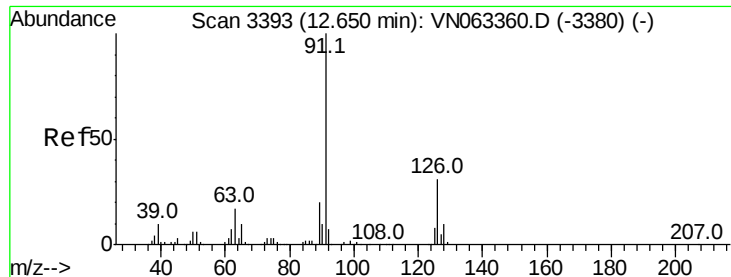
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.077 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

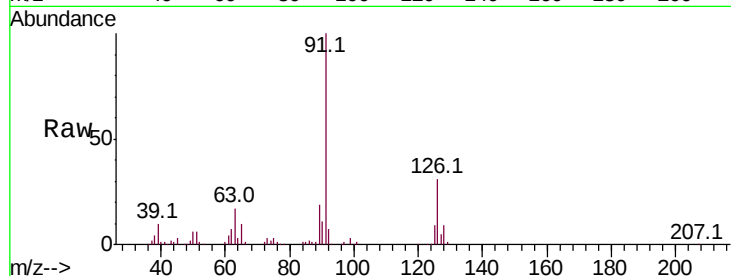
VN0917WBSD01

Tot Ion: 91 Resp: 217269

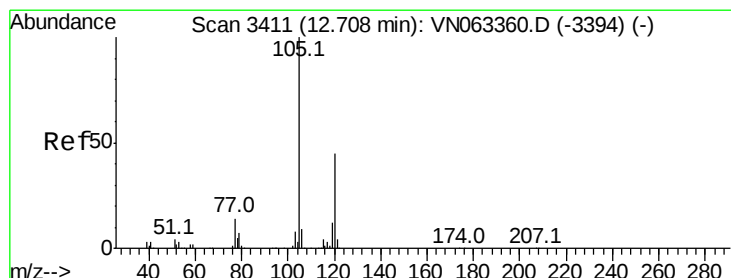
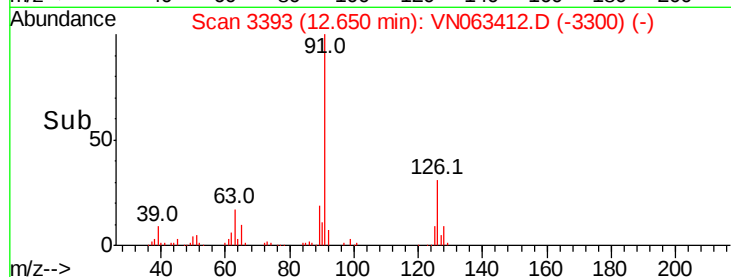
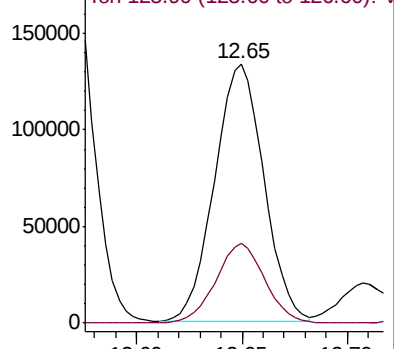
Ion Ratio Lower Upper

91 100

126 30.8 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.025 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063412.D

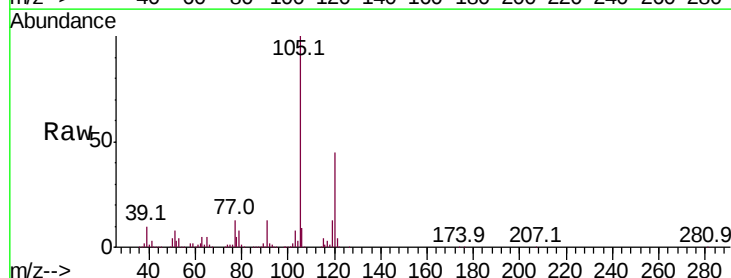
Acq: 17 Sep 2020 12:26

Tgt Ion: 105 Resp: 258812

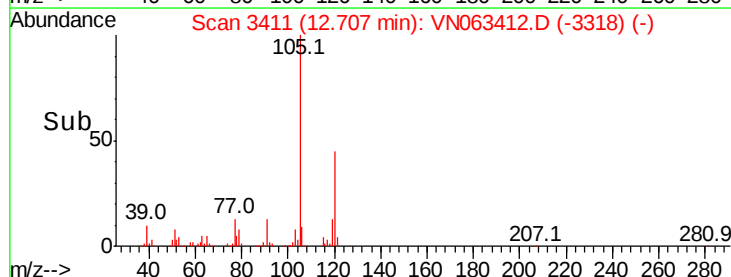
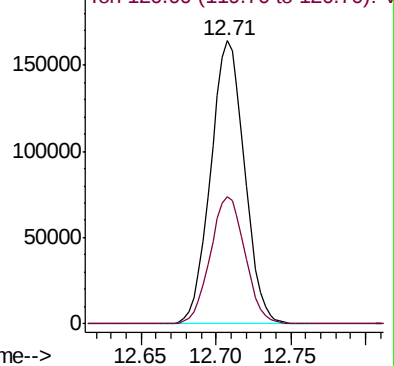
Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.569 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

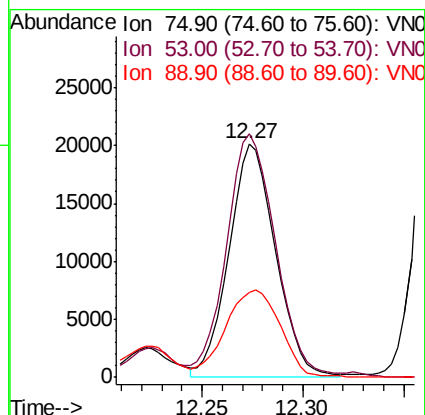
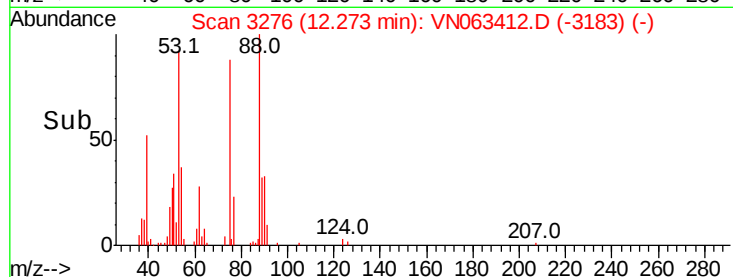
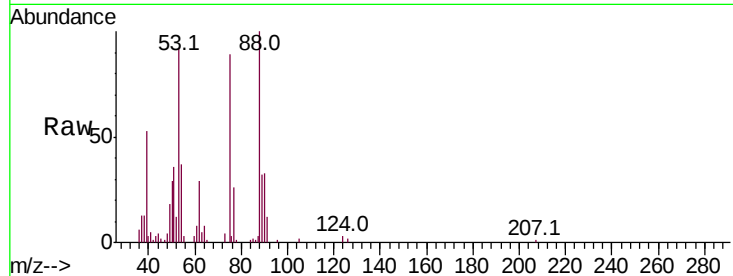
Tot Ion: 75 Resp: 32425

Ion Ratio Lower Upper

75 100

53 107.8 85.7 128.5

89 44.2 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.811 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063412.D

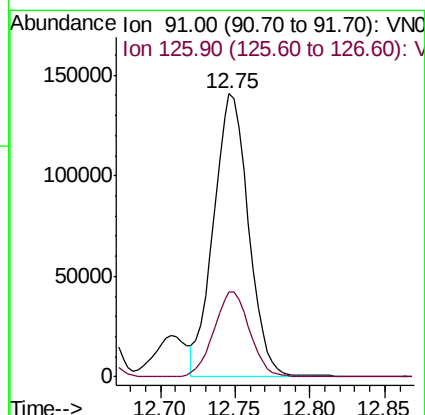
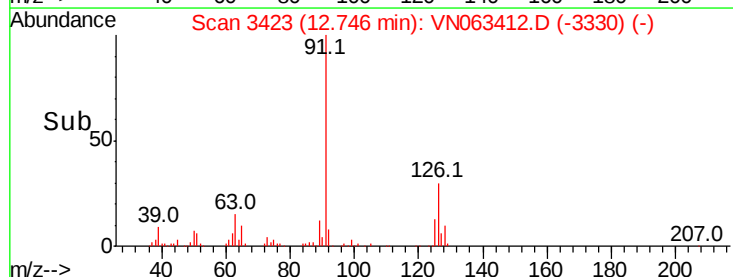
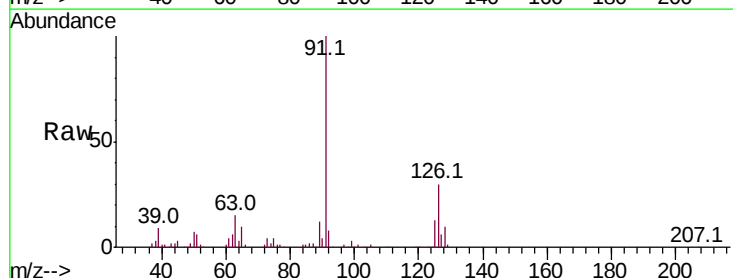
Acq: 17 Sep 2020 12:26

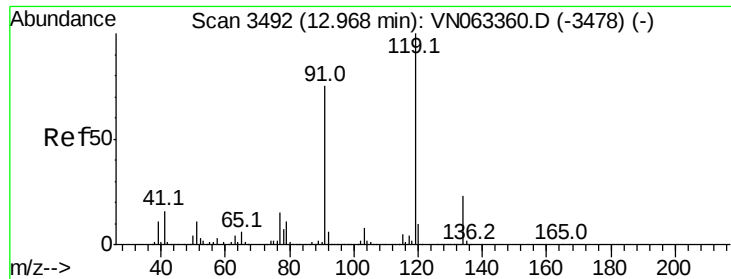
Tgt Ion: 91 Resp: 226517

Ion Ratio Lower Upper

91 100

126 31.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 19.904 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

VN0917WBSD01

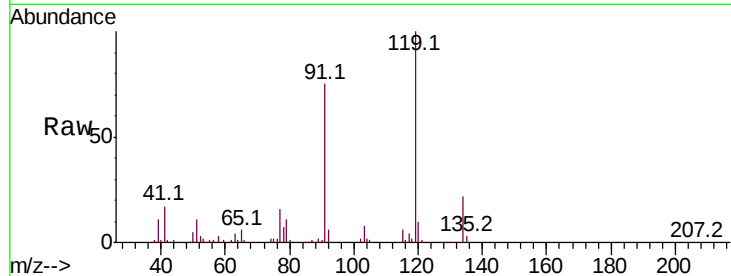
Tot Ion:119 Resp: 212320

Ion Ratio Lower Upper

119 100

91 73.4 36.3 108.9

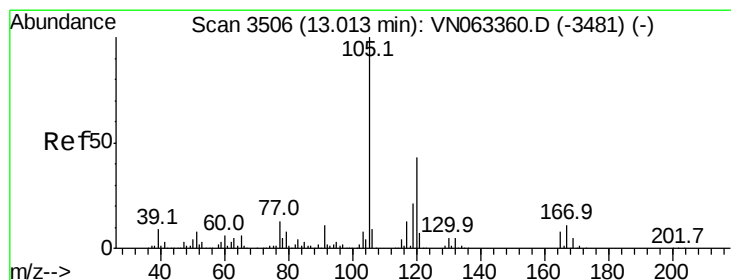
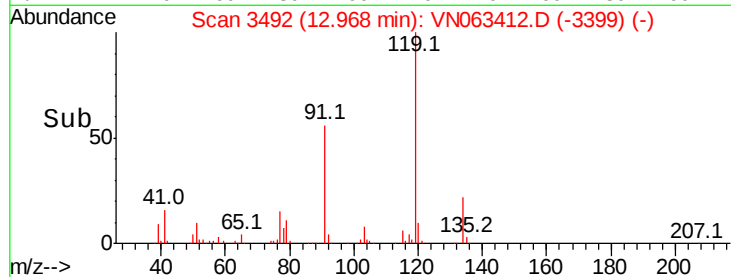
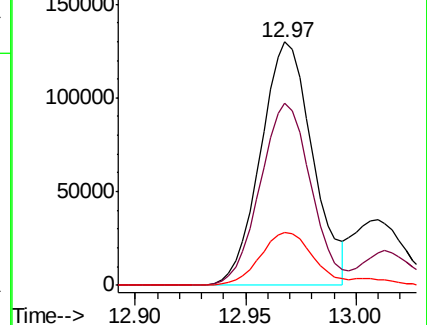
134 22.1 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.670 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063412.D

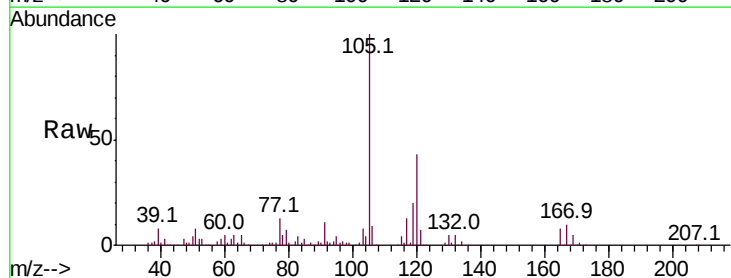
Acq: 17 Sep 2020 12:26

Tgt Ion:105 Resp: 269853

Ion Ratio Lower Upper

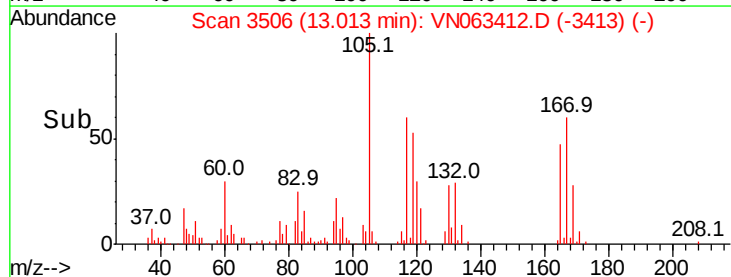
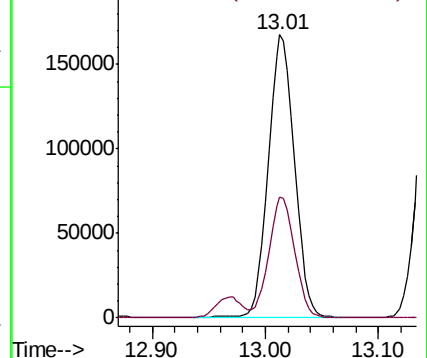
105 100

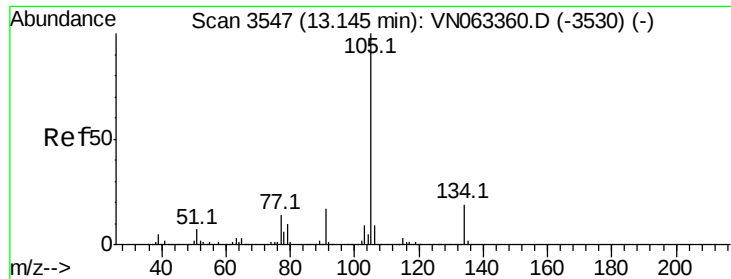
120 42.0 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

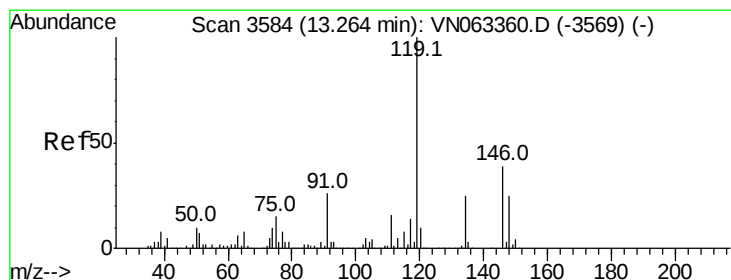
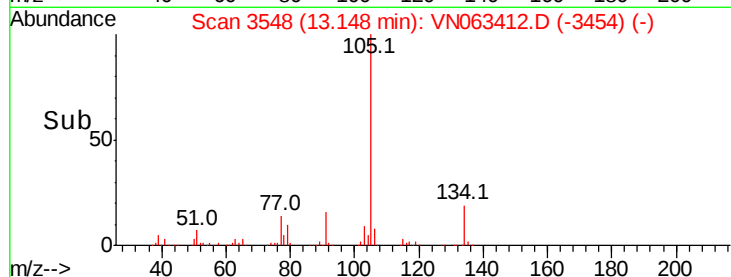
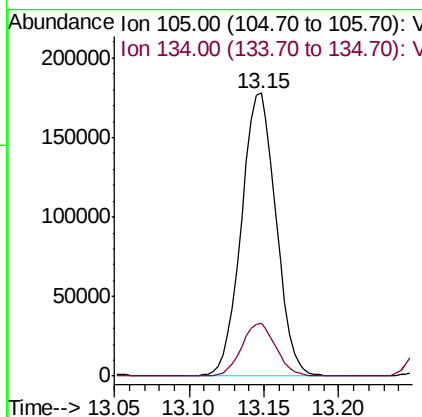
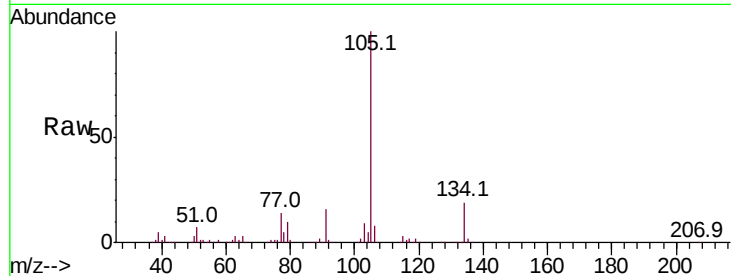




#85
 sec-Butylbenzene
 Concen: 19.990 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

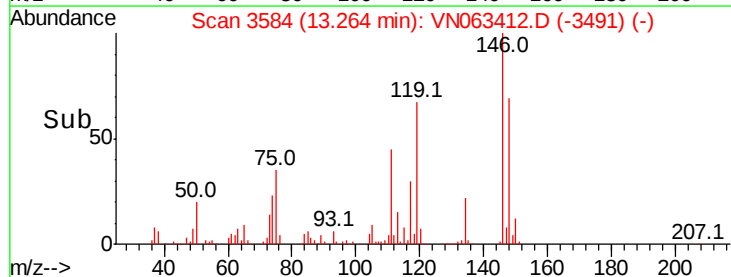
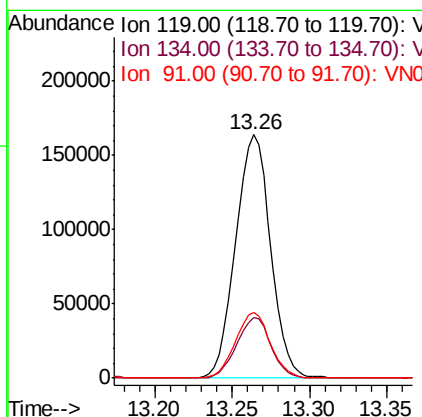
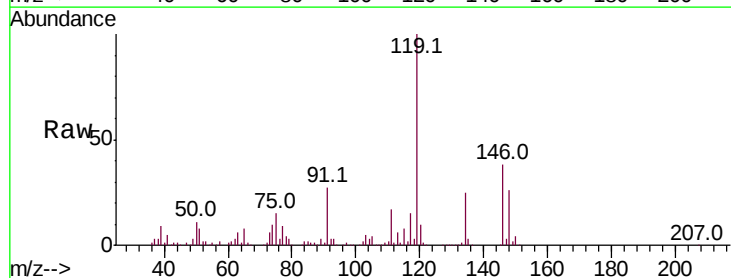
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

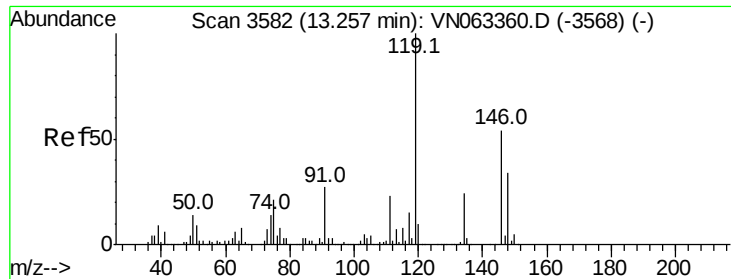
Tot Ion:105 Resp: 285439
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 20.429 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion:119 Resp: 257290
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.5 37.5
 91 26.9 13.4 40.1

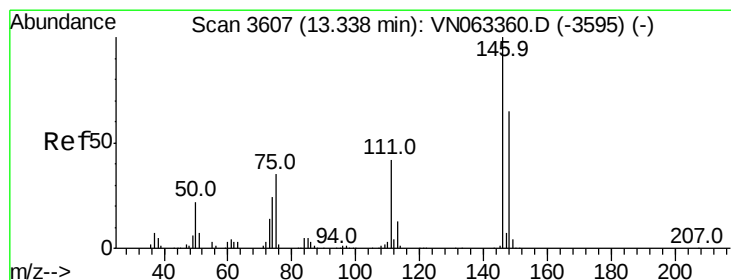
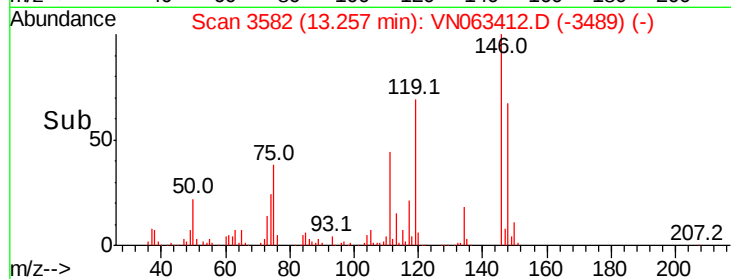
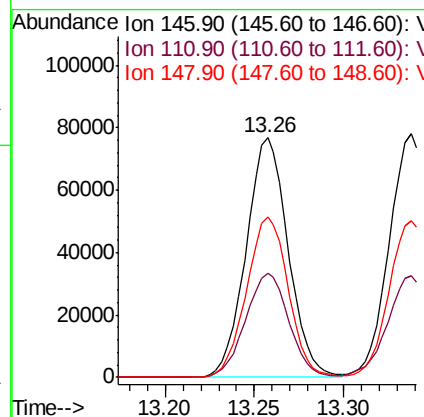
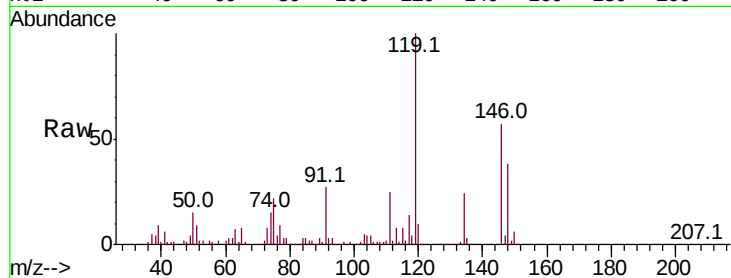




#87
 1,3-Dichlorobenzene
 Concen: 19.532 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

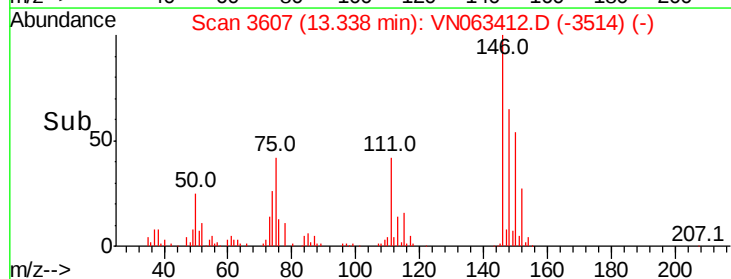
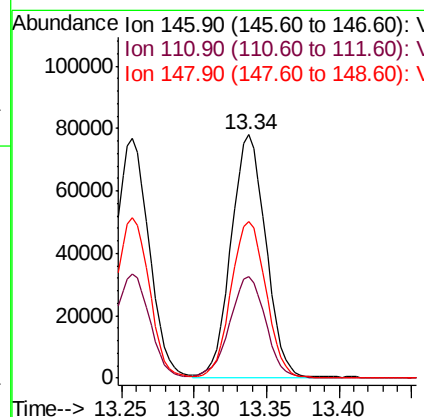
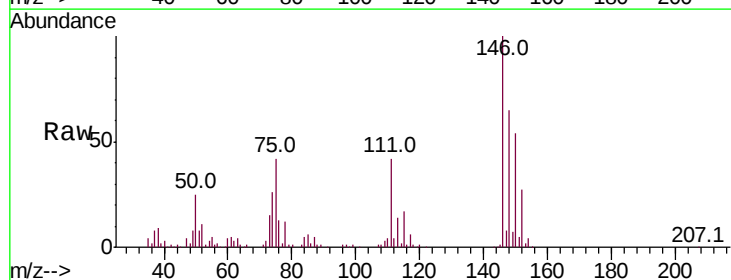
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

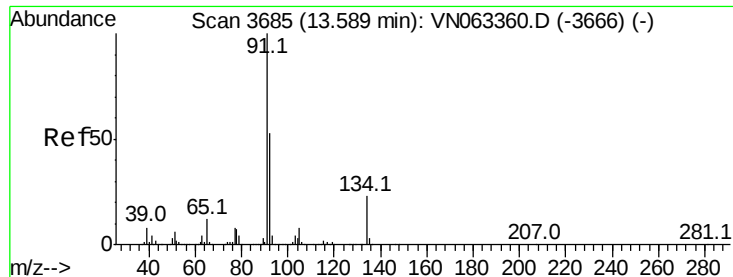
Tot Ion:146 Resp: 126220
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.4 64.3
 148 66.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.690 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion:146 Resp: 129368
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.2 63.6
 148 64.7 31.9 95.9

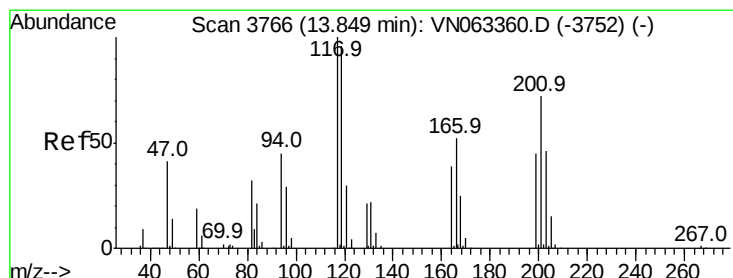
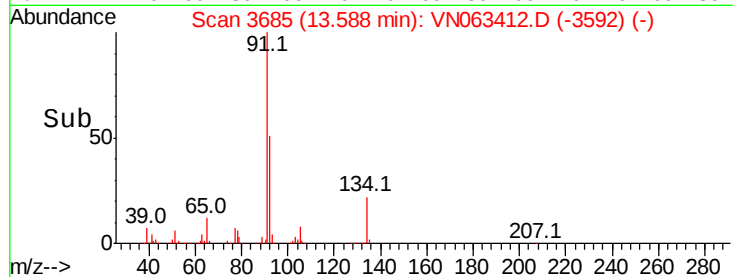
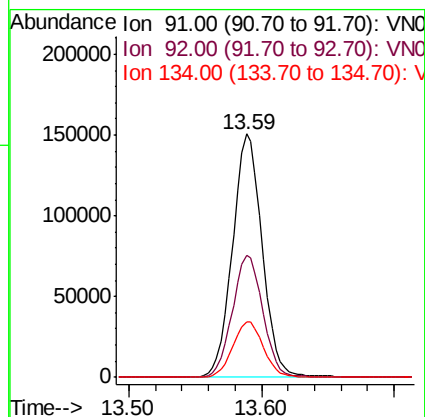
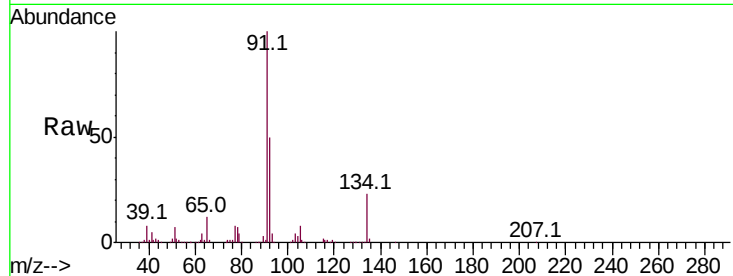




#89
n-Butylbenzene
Concen: 20.141 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

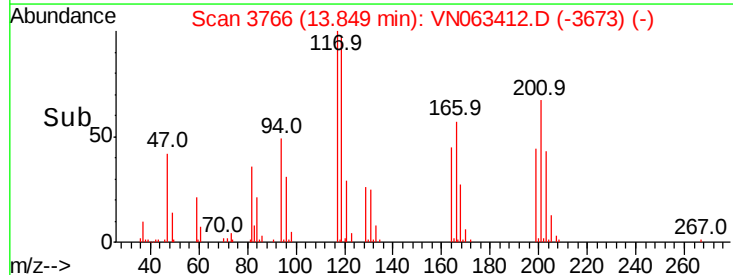
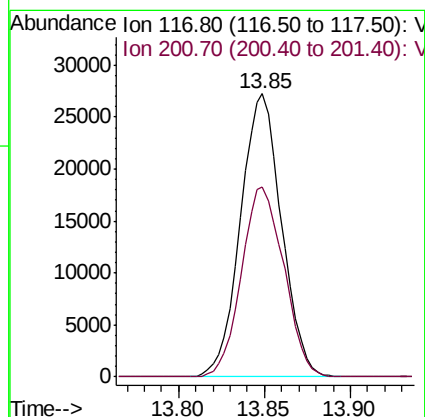
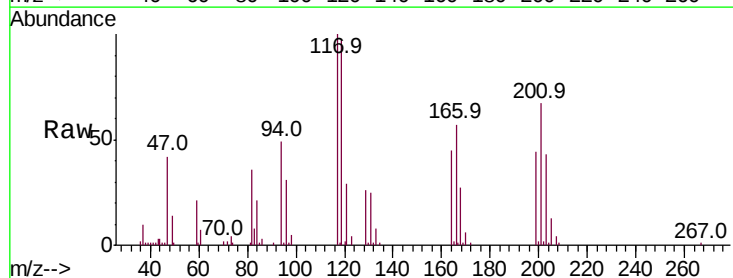
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tot Ion:	91	Resp:	233810
Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.0	78.0
134	23.8	11.7	35.0



#90
Hexachloroethane
Concen: 18.866 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063412.D
Acq: 17 Sep 2020 12:26

Tgt Ion:	117	Resp:	45243
Ion	Ratio	Lower	Upper
117	100		
201	69.1	35.5	106.7





#91

1,2-Dichlorobenzene

Concen: 20.389 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

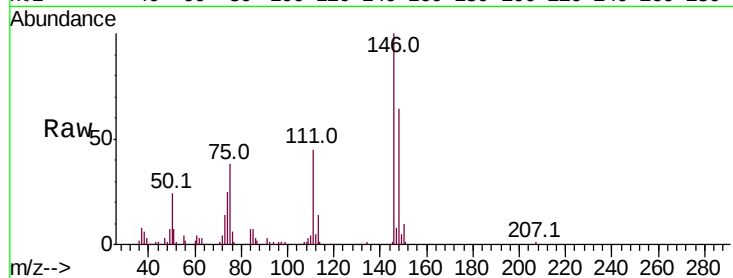
Tot Ion:146 Resp: 129360

Ion Ratio Lower Upper

146 100

111 43.1 22.4 67.2

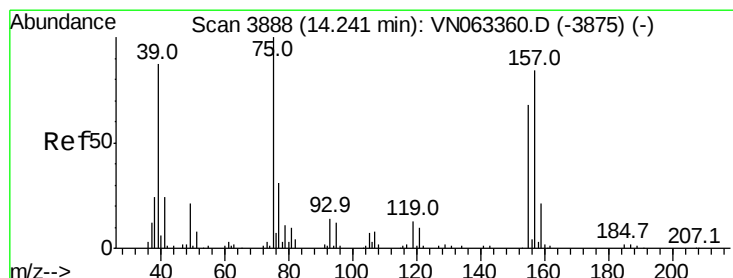
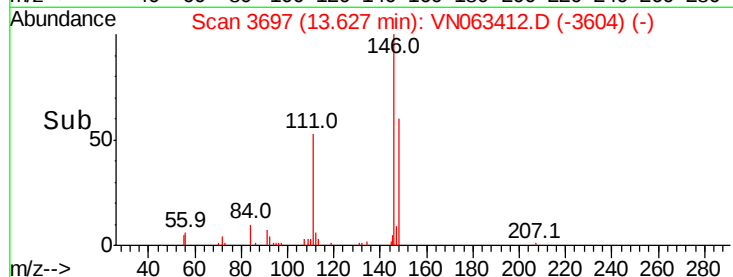
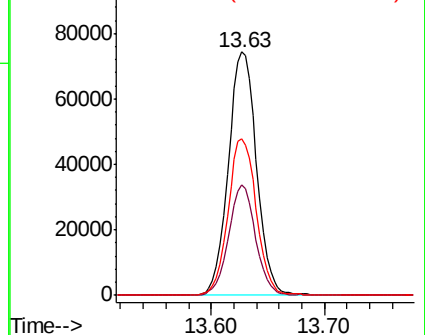
148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.267 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

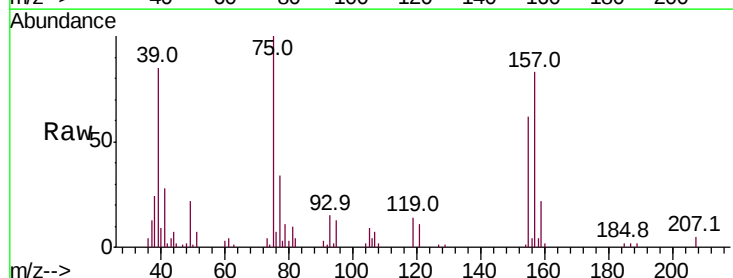
Tgt Ion: 75 Resp: 22019

Ion Ratio Lower Upper

75 100

155 65.2 34.6 103.9

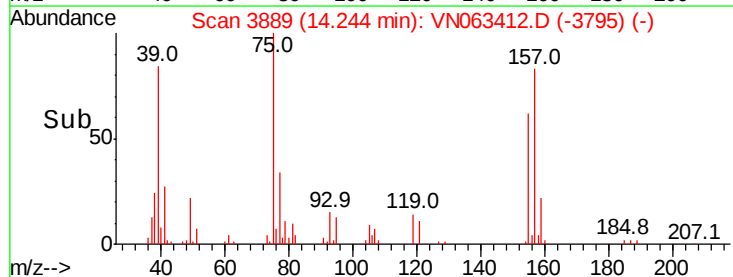
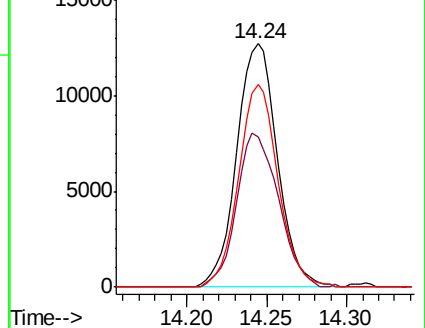
157 80.5 43.7 131.1

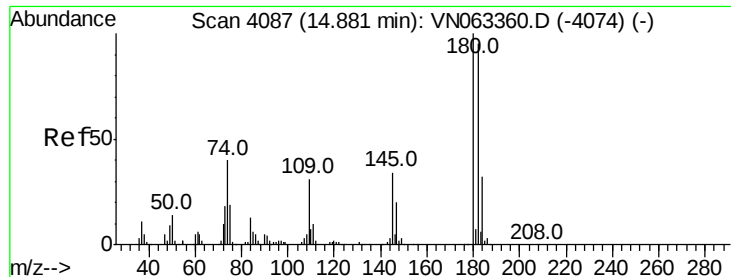


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

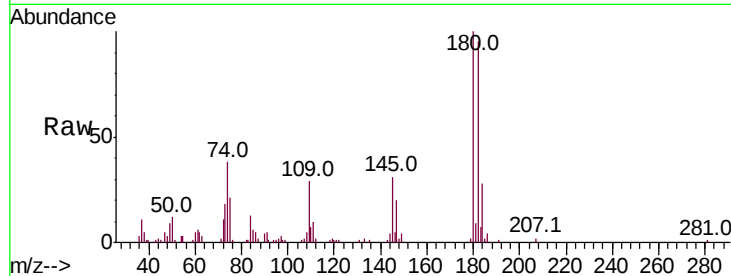




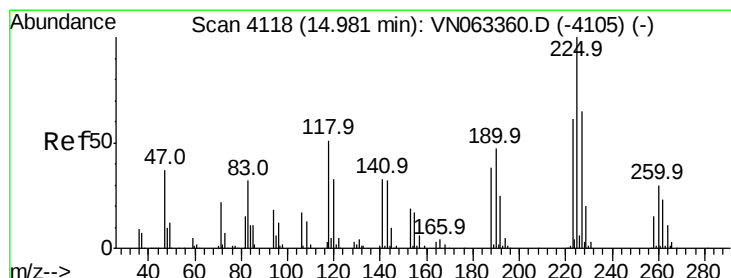
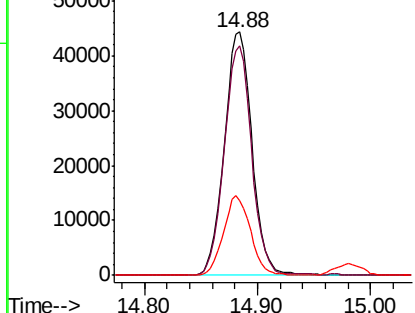
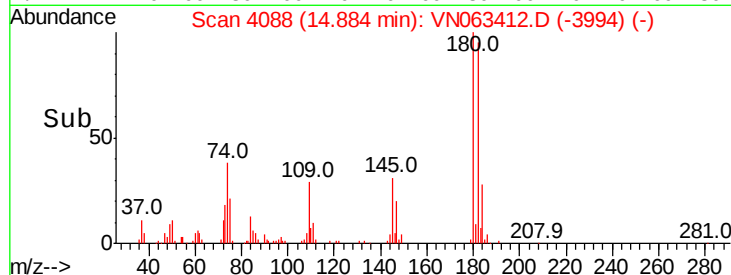
#93
 1,2,4-Trichlorobenzene
 Concen: 20.180 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Tot Ion:180 Resp: 75480
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.3 142.0
 145 31.7 16.6 49.7

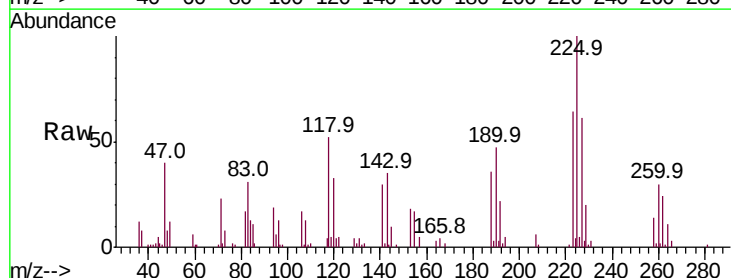


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

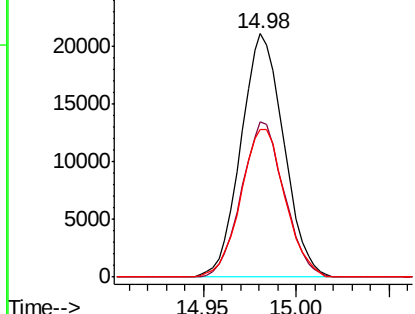
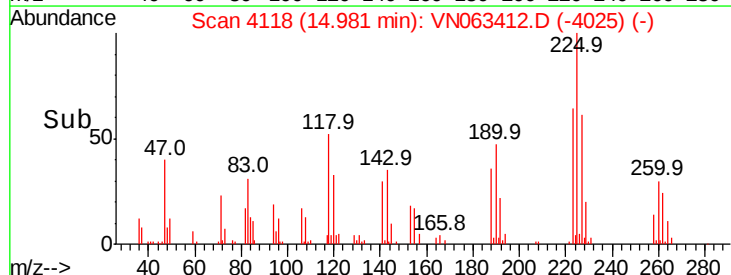


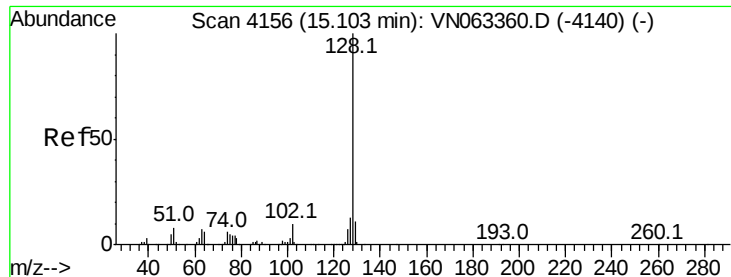
#94
 Hexachlorobutadiene
 Concen: 21.838 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063412.D
 Acq: 17 Sep 2020 12:26

Tgt Ion:225 Resp: 33814
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.6 91.6
 227 62.7 31.2 93.6



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: 19.497 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

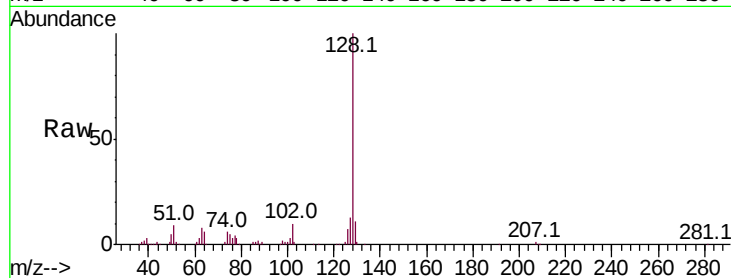
Tot Ion:128 Resp: 240924

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

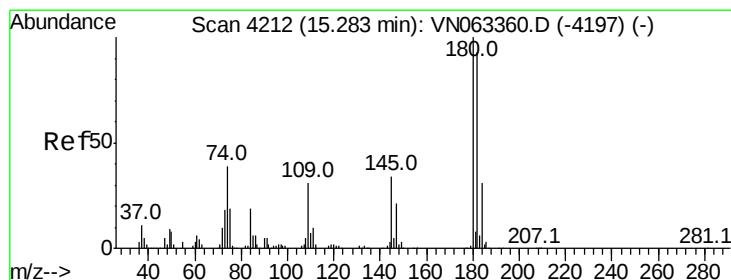
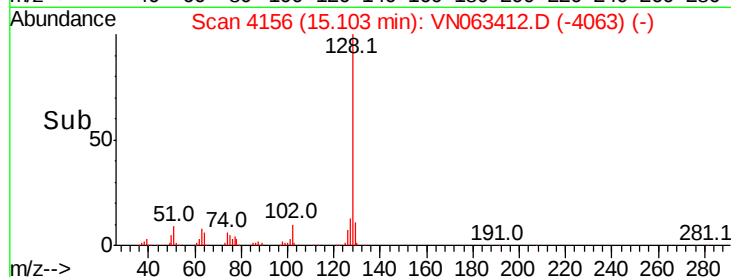
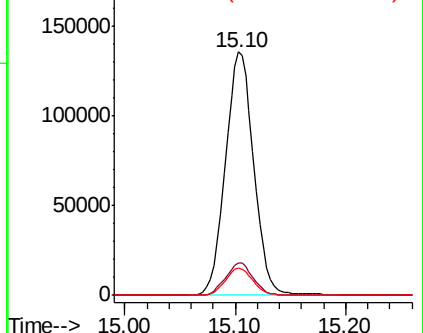
129 10.9 8.8 13.2



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: 20.189 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063412.D

Acq: 17 Sep 2020 12:26

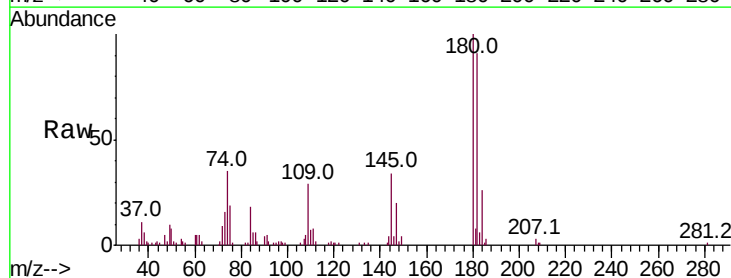
Tgt Ion:180 Resp: 72962

Ion Ratio Lower Upper

180 100

182 91.4 46.7 140.1

145 33.0 16.8 50.3



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

