

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063488.D
 Acq On : 21 Sep 2020 16:09
 Operator : JC/MD
 Sample : VN0921WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

Quant Time: Sep 22 02:25:23 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	7.63	168	304127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	538284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	496084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	227145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	228193	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
35) Dibromofluoromethane	7.55	113	164527	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	
50) Toluene-d8	10.06	98	633108	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.38	95	234156	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	61876	17.959	ug/l	99
3) Chloromethane	2.04	50	77082	16.911	ug/l	100
4) Vinyl Chloride	2.17	62	75351	18.659	ug/l	98
5) Bromomethane	2.54	94	46901	19.561	ug/l	98
6) Chloroethane	2.68	64	42801	17.266	ug/l	99
7) Trichlorofluoromethane	2.99	101	117129	19.440	ug/l	95
8) Diethyl Ether	3.38	74	43555	18.544	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	61659	18.197	ug/l	99
10) Methyl Iodide	3.92	142	79232	17.960	ug/l	99
11) Tert butyl alcohol	4.72	59	49894	69.567	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	60771	17.707	ug/l	96
13) Acrolein	3.57	56	37089	139.545	ug/l	97
14) Allyl chloride	4.28	41	116870	17.215	ug/l	100
15) Acrylonitrile	4.93	53	153101	83.922	ug/l	98
16) Acetone	3.77	43	135908	81.685	ug/l	98
17) Carbon Disulfide	4.02	76	167630	16.792	ug/l	98
18) Methyl Acetate	4.28	43	73763	17.464	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	222589	17.402	ug/l	97
20) Methylene Chloride	4.51	84	74255	17.615	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	67440	17.736	ug/l	93
22) Diisopropyl ether	5.90	45	243405	17.580	ug/l	98
23) Vinyl Acetate	5.84	43	1000622	88.000	ug/l	99
24) 1,1-Dichloroethane	5.80	63	134849	17.840	ug/l	99
25) 2-Butanone	6.78	43	206661	80.761	ug/l	97
26) 2,2-Dichloropropane	6.78	77	111419	16.742	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	78553	18.252	ug/l	98
28) Bromochloromethane	7.15	49	61543	17.633	ug/l	97
29) Tetrahydrofuran	7.17	42	141932	81.212	ug/l	98
30) Chloroform	7.33	83	137523	18.134	ug/l	95
31) Cyclohexane	7.62	56	121449	16.986	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	121562	18.022	ug/l	97
36) 1,1-Dichloropropene	7.75	75	101285	17.662	ug/l	100
37) Ethyl Acetate	6.88	43	93984	16.698	ug/l	99
38) Carbon Tetrachloride	7.74	117	104079	17.779	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	106073	17.043	ug/l	98
40) Benzene	8.00	78	296547	18.115	ug/l	100
41) Methacrylonitrile	7.16	41	136795	54.039	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	119394	18.136	ug/l	100
43) Isopropyl Acetate	8.13	43	163367	16.233	ug/l #	88
44) Trichloroethene	8.80	130	73167	18.427	ug/l	99
45) 1,2-Dichloropropane	9.09	63	80687	18.097	ug/l	98
46) Dibromomethane	9.18	93	53567	18.280	ug/l	98
47) Bromodichloromethane	9.37	83	109902	18.053	ug/l	99
48) Methyl methacrylate	9.16	41	81633	16.510	ug/l	99
49) 1,4-Dioxane	9.17	88	18809	265.077	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	470659	83.536	ug/l	100
52) Toluene	10.13	92	184366	18.732	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	117901	17.347	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	124483	17.364	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	69821	17.860	ug/l	96
56) Ethyl methacrylate	10.40	69	105498	17.286	ug/l	99
57) 1,3-Dichloropropane	10.68	76	124541	17.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	252035	78.722	ug/l	98
59) 2-Hexanone	10.72	43	338730	82.985	ug/l	99
60) Dibromochloromethane	10.87	129	78280	17.724	ug/l	98
61) 1,2-Dibromoethane	10.98	107	74619	18.372	ug/l	100
64) Tetrachloroethene	10.60	164	67647	20.026	ug/l	98
65) Chlorobenzene	11.41	112	190218	18.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	71920	18.632	ug/l	99
67) Ethyl Benzene	11.48	91	362937	18.302	ug/l	100
68) m/p-Xylenes	11.59	106	261187	36.529	ug/l	98
69) o-Xylene	11.92	106	129320	18.986	ug/l	98
70) Styrene	11.94	104	211436	18.511	ug/l	98
71) Bromoform	12.10	173	48532	16.877	ug/l #	98
73) Isopropylbenzene	12.22	105	339473	18.650	ug/l	99
74) N-amyl acetate	12.04	43	150755	17.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98863	17.542	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	137511	24.459	ug/l #	100
77) Bromobenzene	12.50	156	83212	20.323	ug/l	90
78) n-propylbenzene	12.57	91	393786	18.575	ug/l	99
79) 2-Chlorotoluene	12.65	91	240655	18.936	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	287452	18.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32420	15.809	ug/l	95
82) 4-Chlorotoluene	12.75	91	249622	18.590	ug/l	99
83) tert-Butylbenzene	12.97	119	239239	19.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	291803	19.033	ug/l	100
85) sec-Butylbenzene	13.15	105	311474	18.575	ug/l	99
86) p-Isopropyltoluene	13.26	119	278176	18.808	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	139695	18.408	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	144745	18.760	ug/l	99
89) n-Butylbenzene	13.59	91	251338	18.436	ug/l	99
90) Hexachloroethane	13.85	117	49620	17.619	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	138161	18.543	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22011	16.401	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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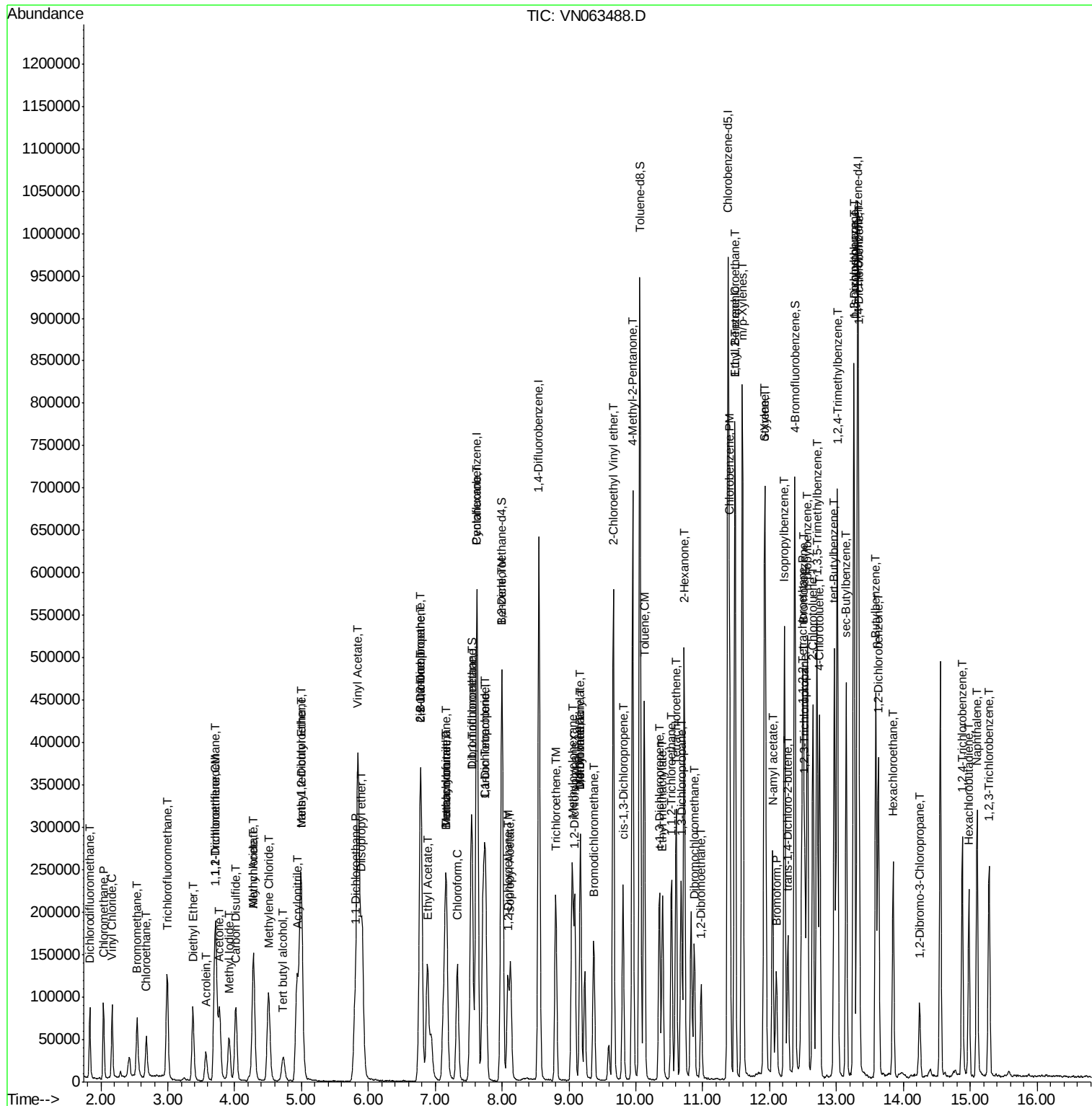
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	79373	18.070	ug/l	98
94) Hexachlorobutadiene	14.98	225	35099	19.302	ug/l	96
95) Naphthalene	15.10	128	254955	17.569	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	73978	17.431	ug/l	98

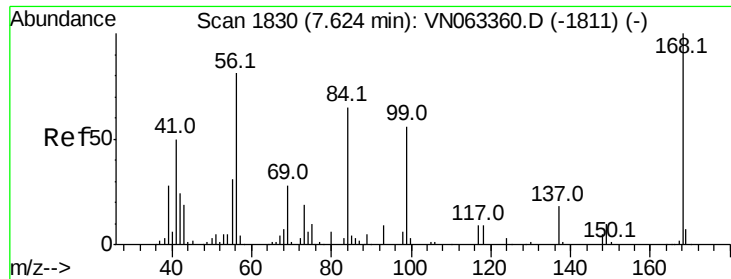
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063488.D
Acq On : 21 Sep 2020 16:09
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

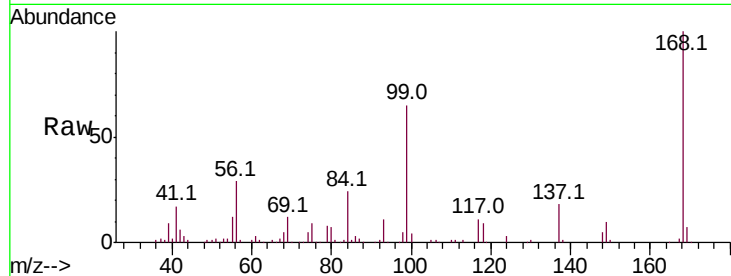
VN0921WBSD01

Tot Ion:168 Resp: 304127

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

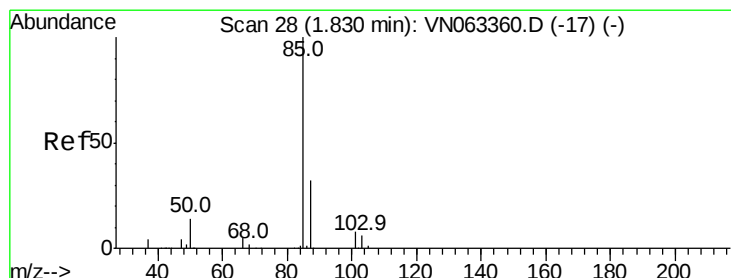
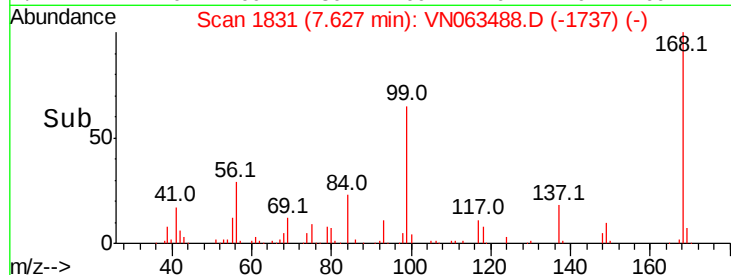
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.959 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063488.D

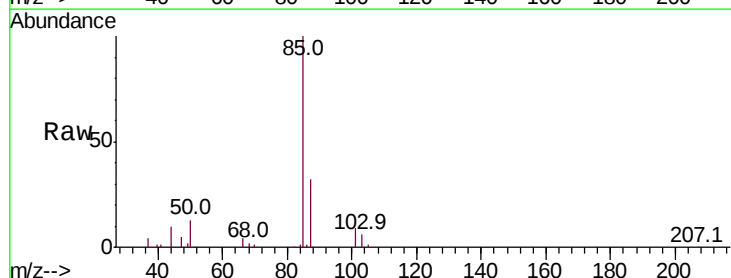
Acq: 21 Sep 2020 16:09

Tgt Ion: 85 Resp: 61876

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

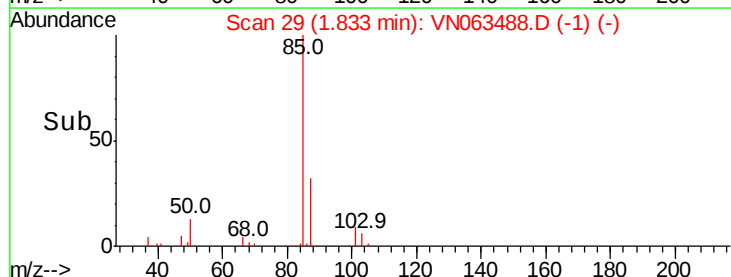
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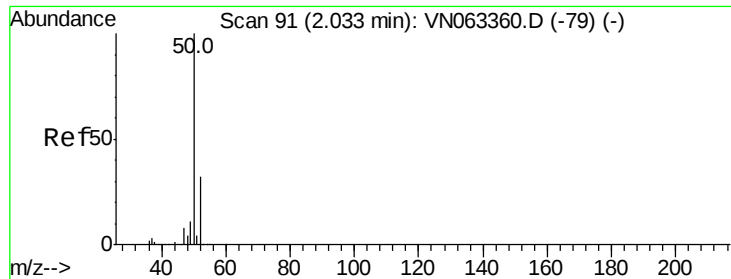
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.911 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

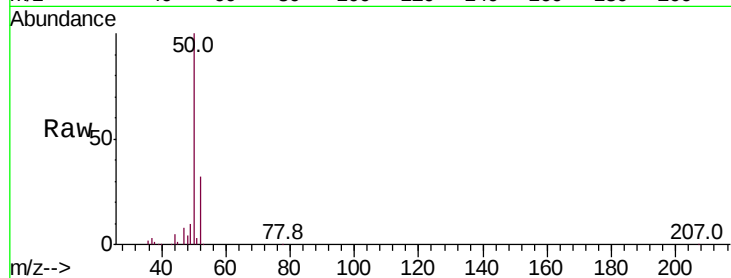
VN0921WBSD01

Tot Ion: 50 Resp: 77082

Ion Ratio Lower Upper

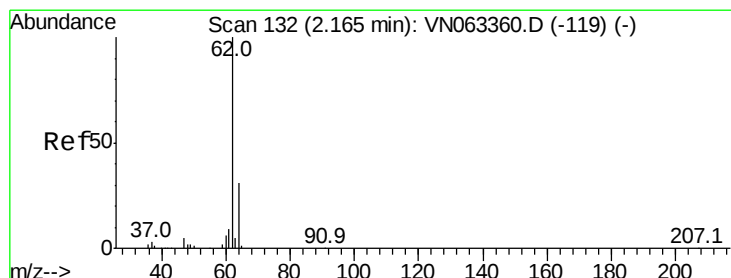
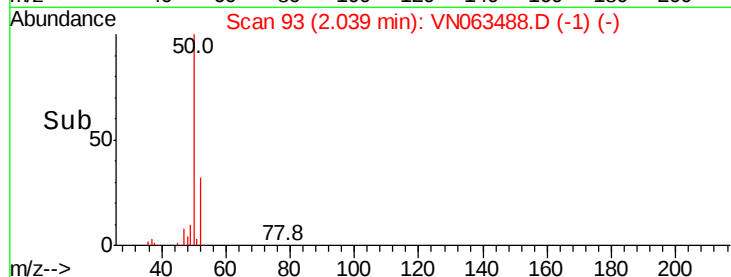
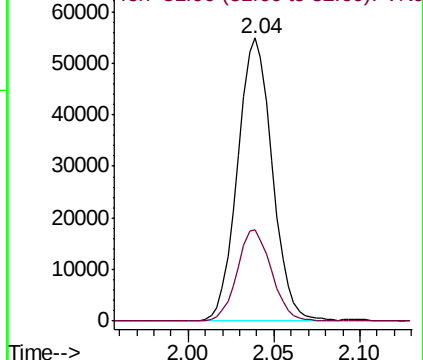
50 100

52 32.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.659 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063488.D

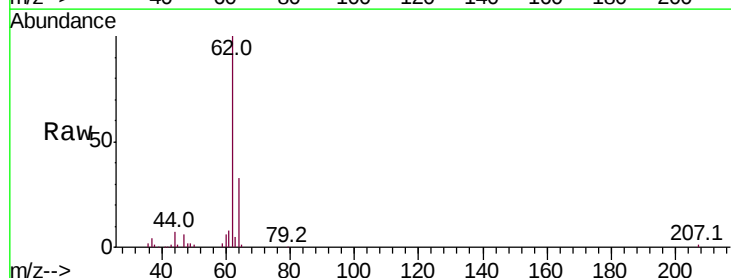
Acq: 21 Sep 2020 16:09

Tgt Ion: 62 Resp: 75351

Ion Ratio Lower Upper

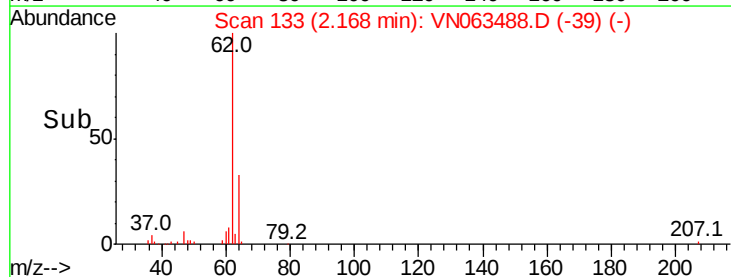
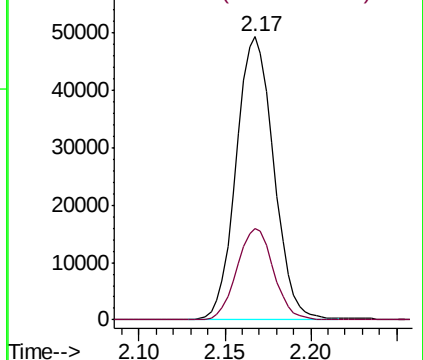
62 100

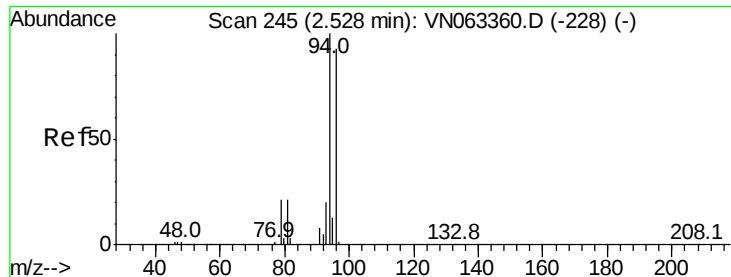
64 32.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.561 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

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ClientSampleId :

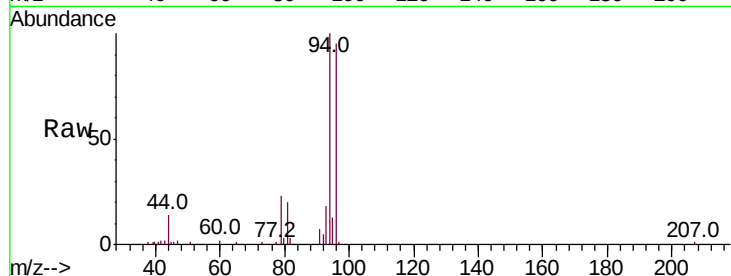
VN0921WBSD01

Tot Ion: 94 Resp: 46901

Ion Ratio Lower Upper

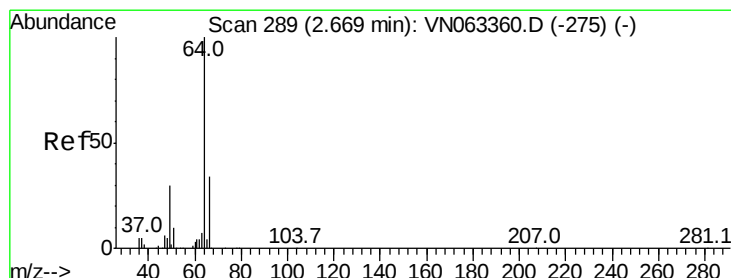
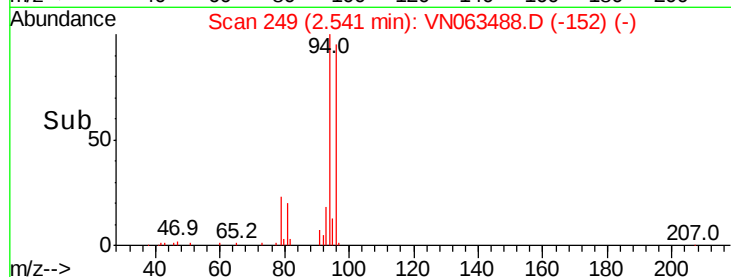
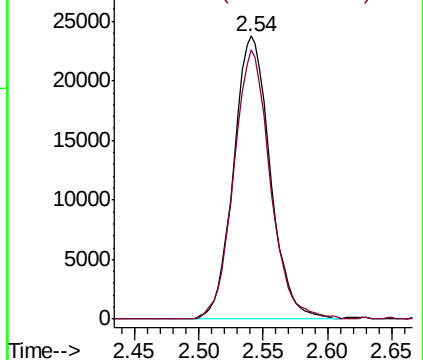
94 100

96 94.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.266 ug/l

RT: 2.68 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN063488.D

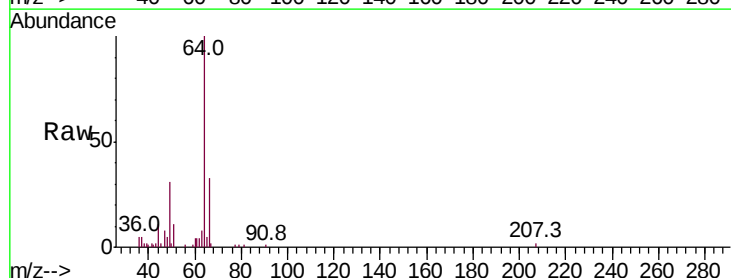
Acq: 21 Sep 2020 16:09

Tgt Ion: 64 Resp: 42801

Ion Ratio Lower Upper

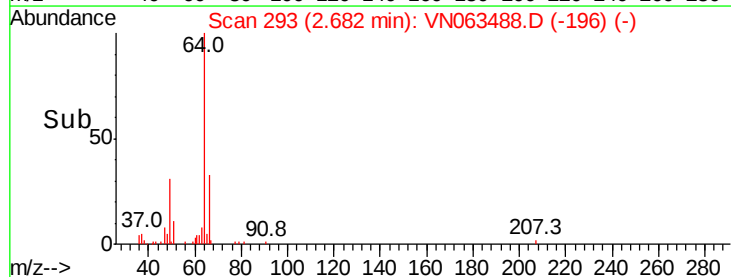
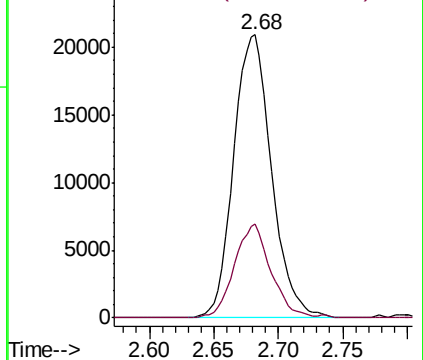
64 100

66 33.1 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 19.440 ug/l

RT: 2.99 min Scan# 389

Delta R.T. 0.01 min

Lab File: VN063488.D

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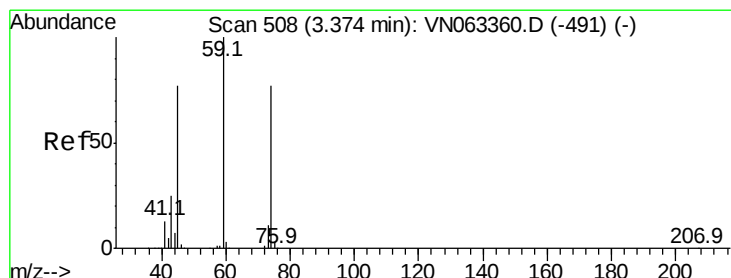
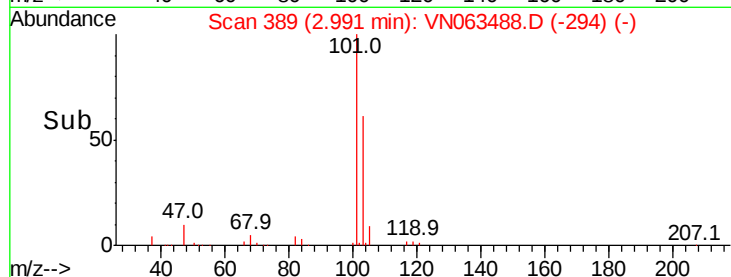
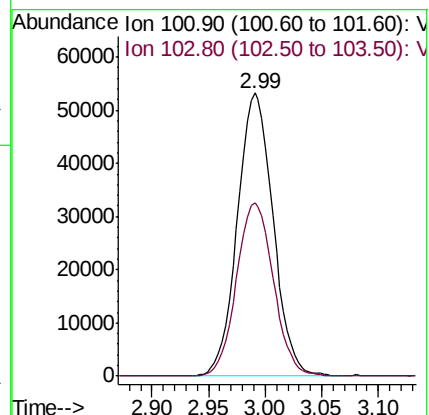
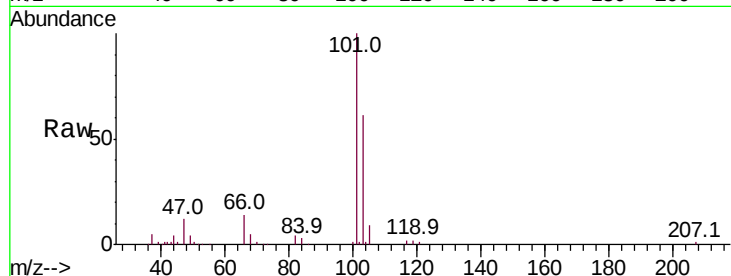
VN0921WBSD01

Tot Ion:101 Resp: 117129

Ion Ratio Lower Upper

101 100

103 61.3 52.3 78.5



#8

Diethyl Ether

Concen: 18.544 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN063488.D

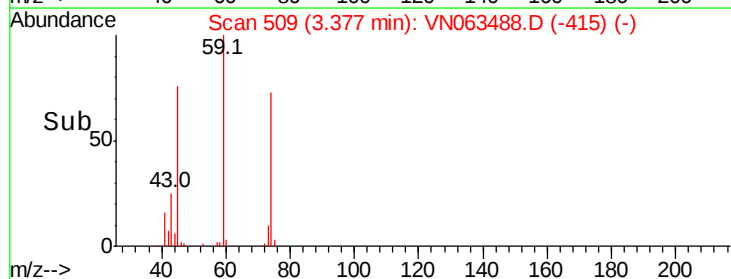
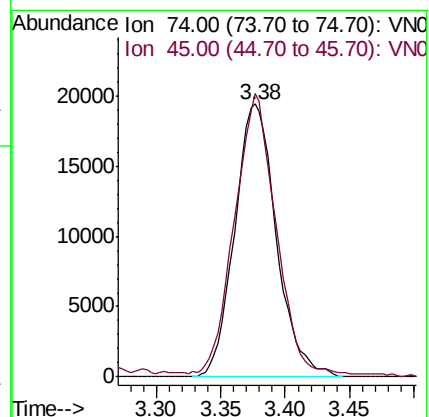
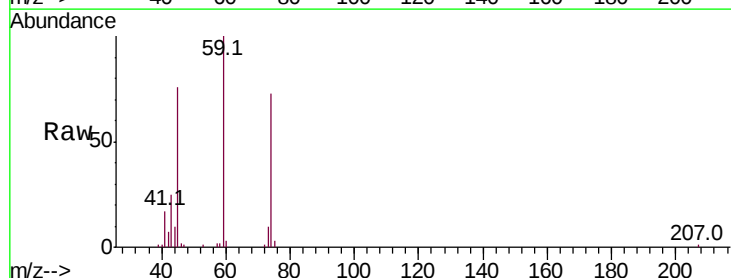
Acq: 21 Sep 2020 16:09

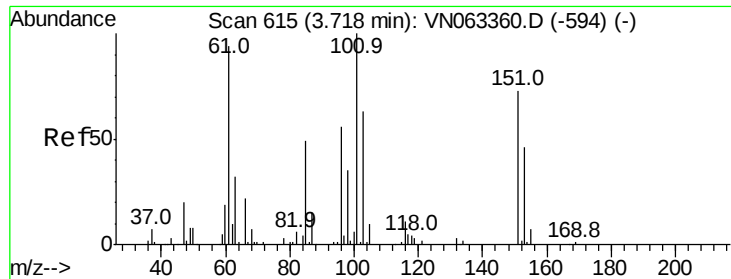
Tgt Ion: 74 Resp: 43555

Ion Ratio Lower Upper

74 100

45 101.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.197 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN063488.D

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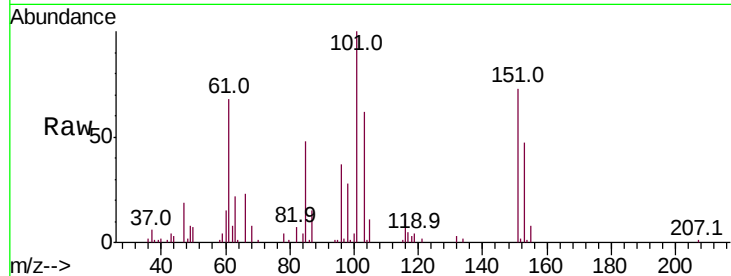
Tot Ion:101 Resp: 61659

Ion Ratio Lower Upper

101 100

85 48.1 37.7 56.5

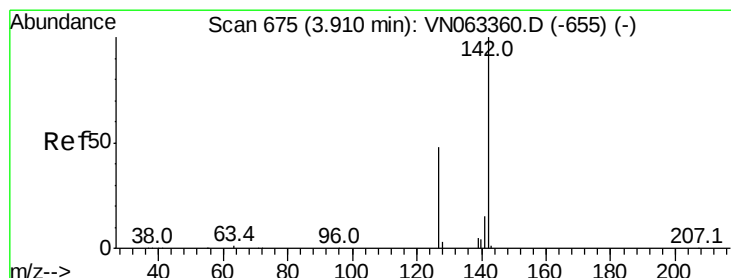
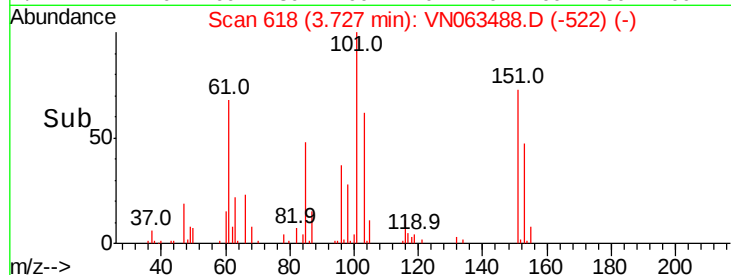
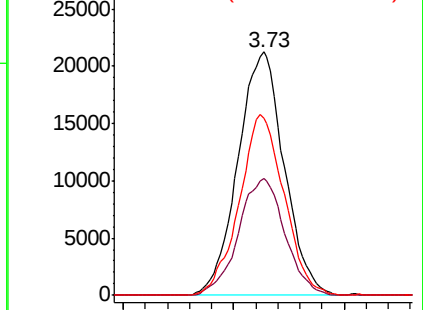
151 72.0 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.960 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

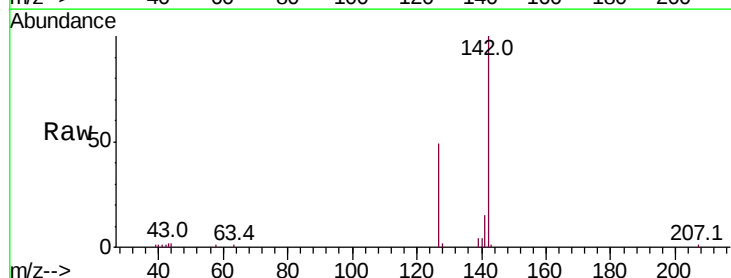
Tgt Ion:142 Resp: 79232

Ion Ratio Lower Upper

142 100

127 47.9 39.0 58.6

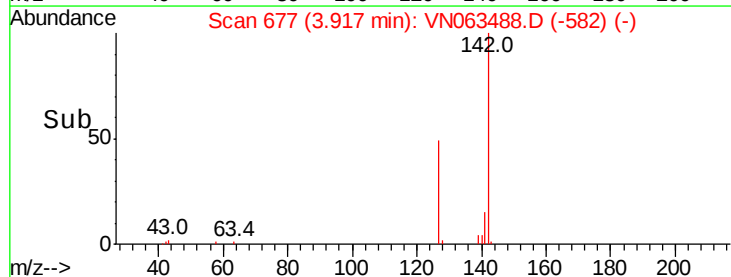
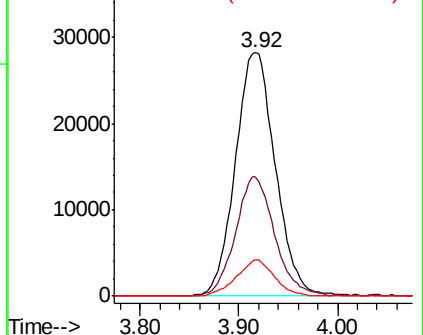
141 14.0 11.6 17.4

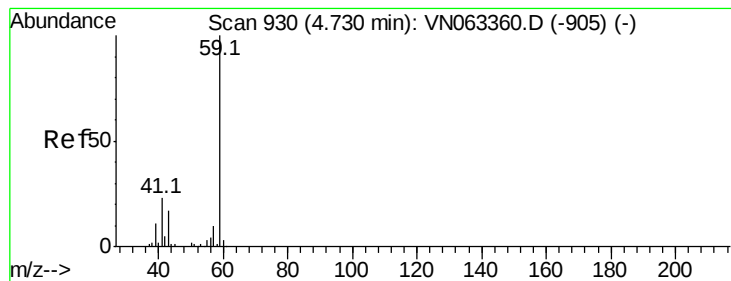


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



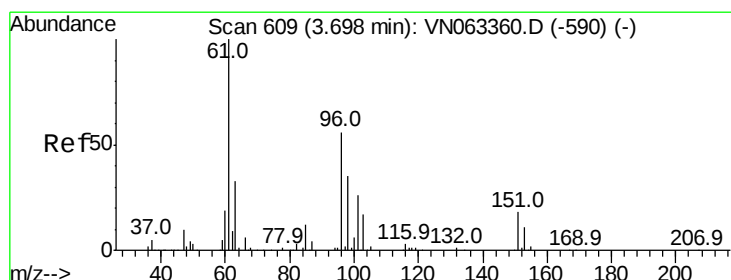
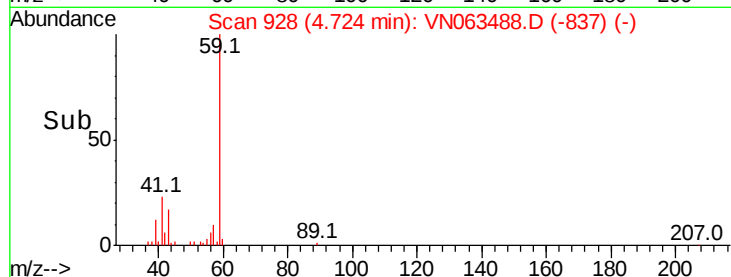
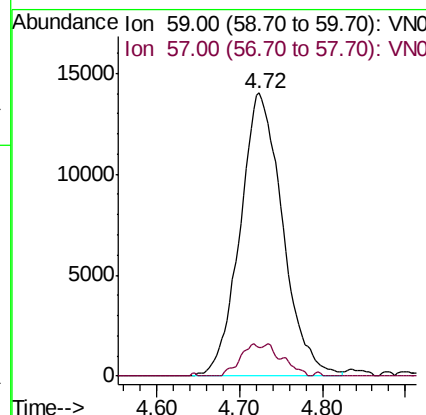
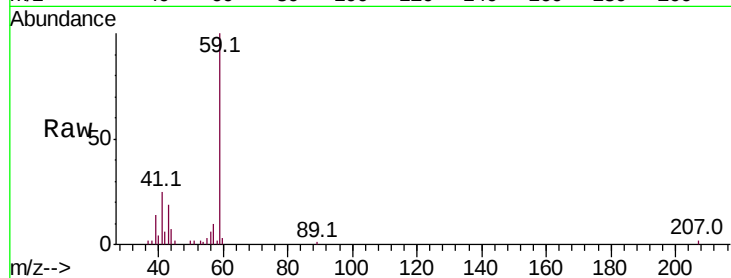


#11

Tert butyl alcohol
 Concen: 69.567 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

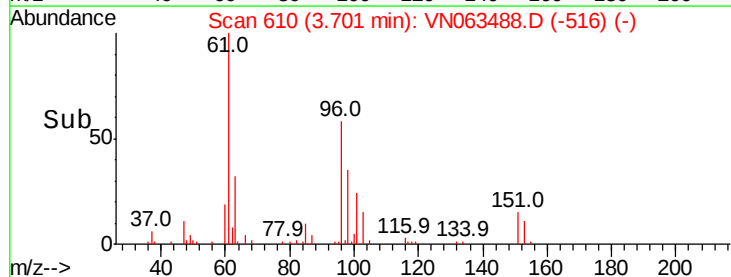
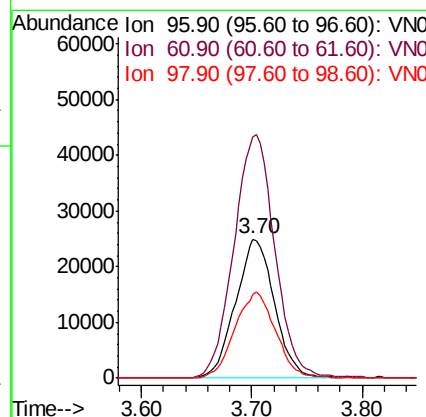
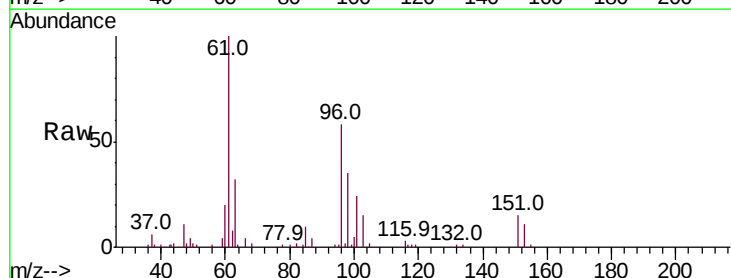
Tot Ion: 59 Resp: 49894
 Ion Ratio Lower Upper
 59 100
 57 5.8 8.4 12.6#

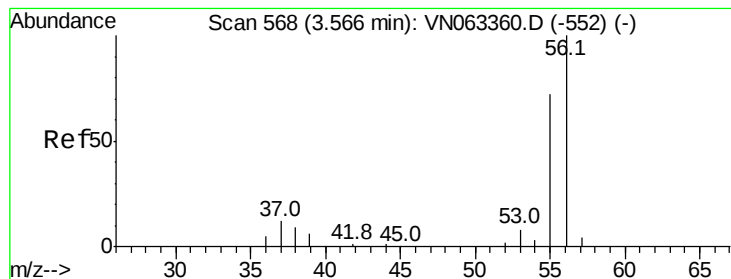


#12

1,1-Dichloroethene
 Concen: 17.707 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

Tgt Ion: 96 Resp: 60771
 Ion Ratio Lower Upper
 96 100
 61 172.9 143.4 215.2
 98 60.1 50.6 76.0





#13

Acrolein

Concen: 139.545 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

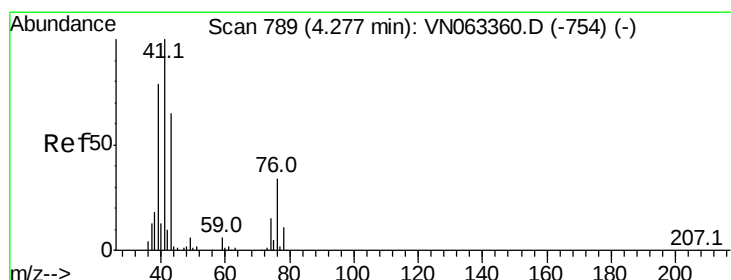
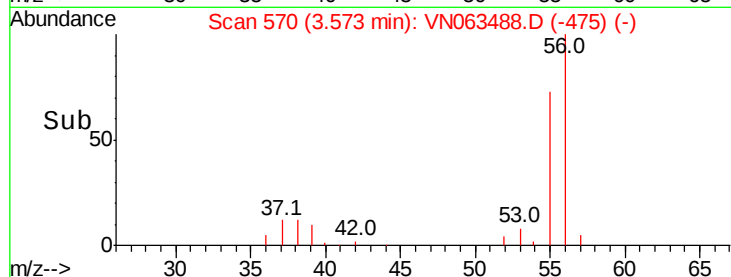
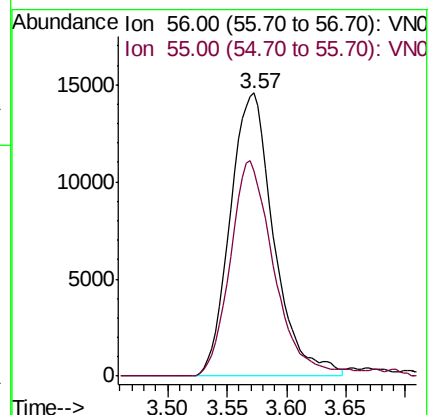
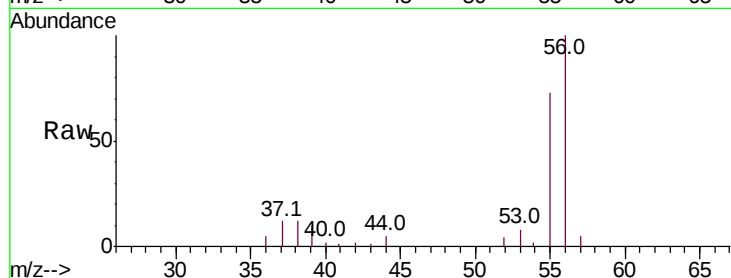
VN0921WBSD01

Tot Ion: 56 Resp: 37089

Ion Ratio Lower Upper

56 100

55 75.6 58.2 87.2



#14

Allyl chloride

Concen: 17.215 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

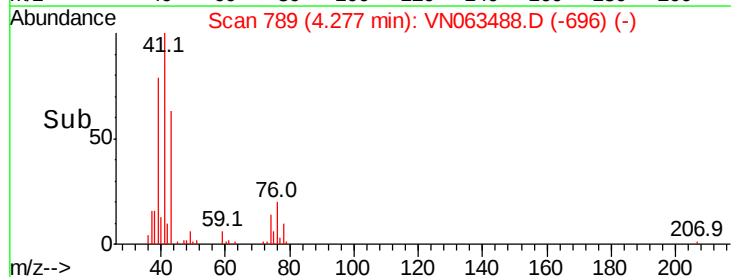
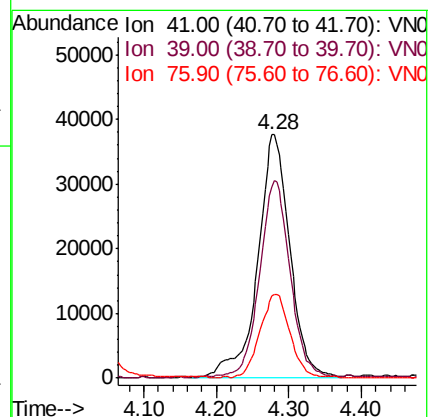
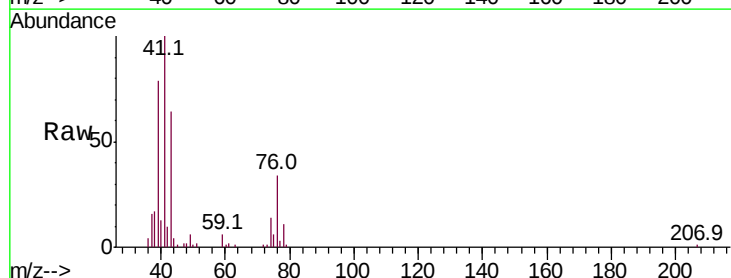
Tgt Ion: 41 Resp: 116870

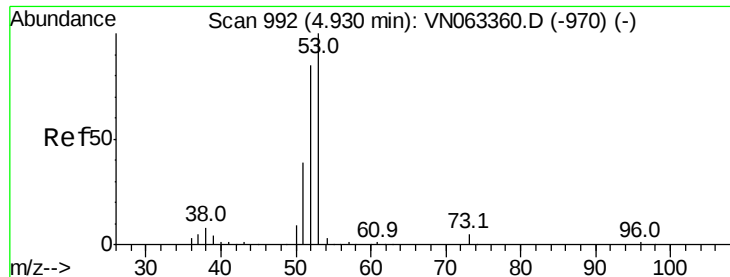
Ion Ratio Lower Upper

41 100

39 74.5 59.3 88.9

76 32.0 25.3 37.9





#15

Acrylonitrile

Concen: 83.922 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

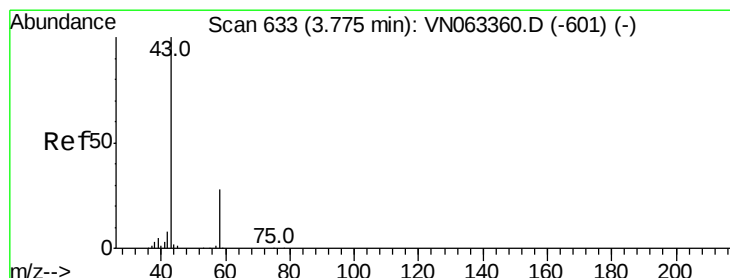
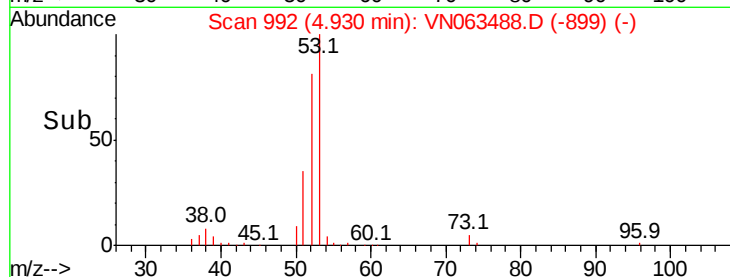
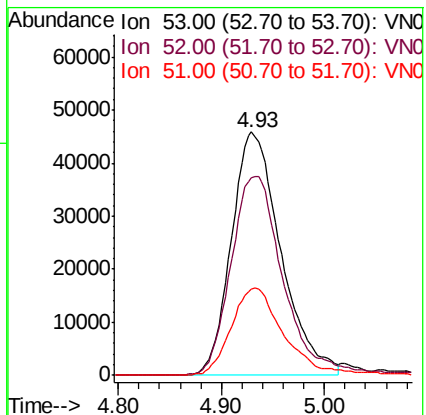
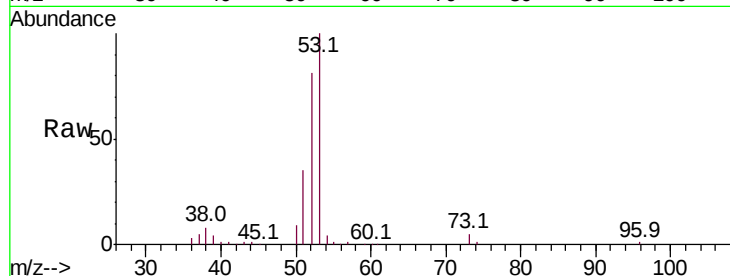
Tot Ion: 53 Resp: 153101

Ion Ratio Lower Upper

53 100

52 85.8 66.4 99.6

51 37.9 30.2 45.4



#16

Acetone

Concen: 81.685 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063488.D

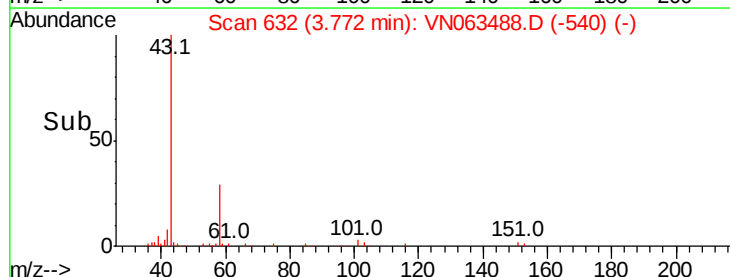
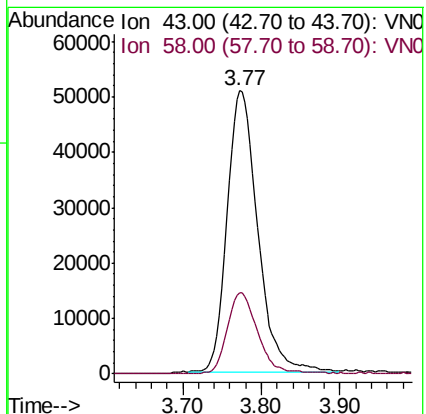
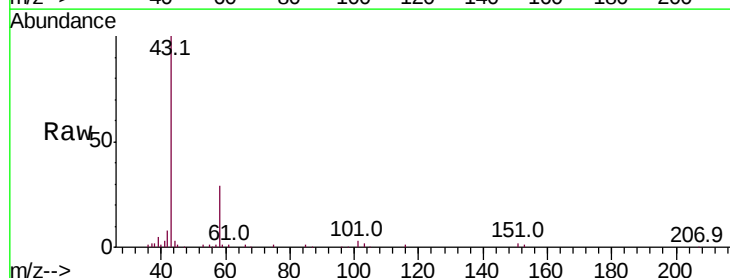
Acq: 21 Sep 2020 16:09

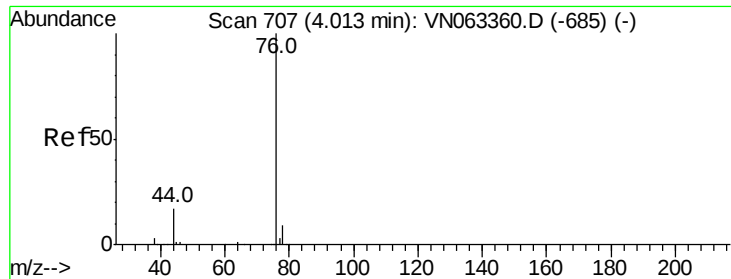
Tgt Ion: 43 Resp: 135908

Ion Ratio Lower Upper

43 100

58 29.0 22.3 33.5

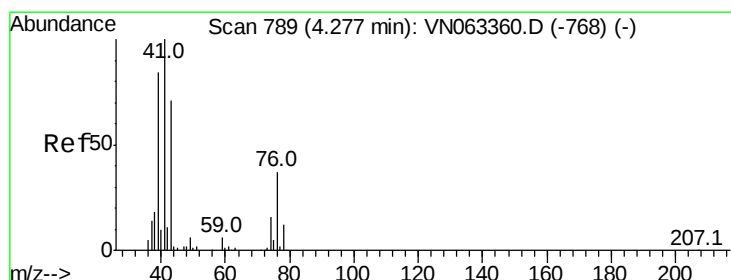
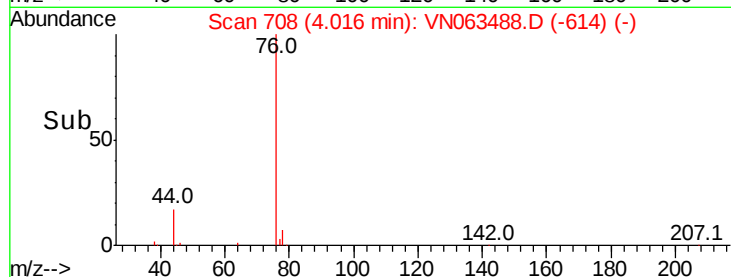
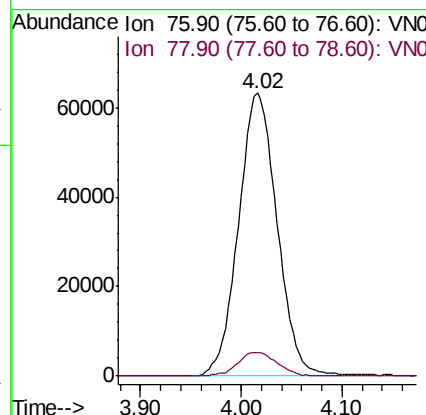
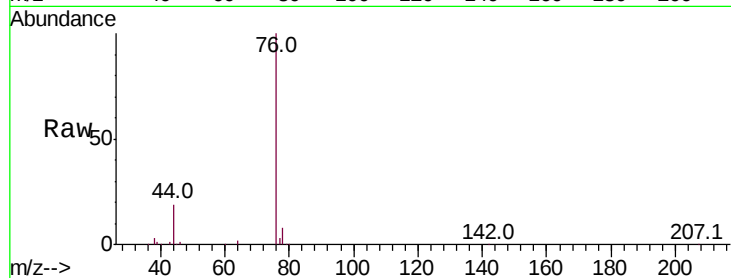




#17
Carbon Disulfide
Concen: 16.792 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

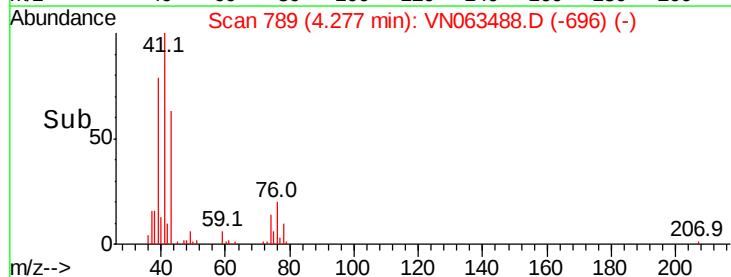
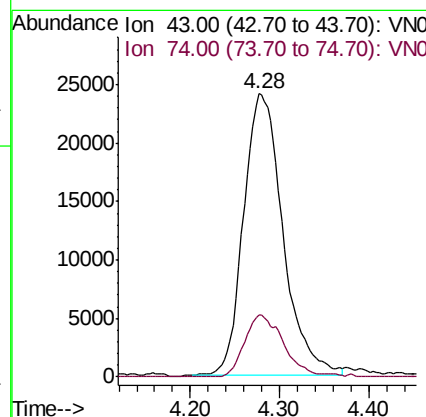
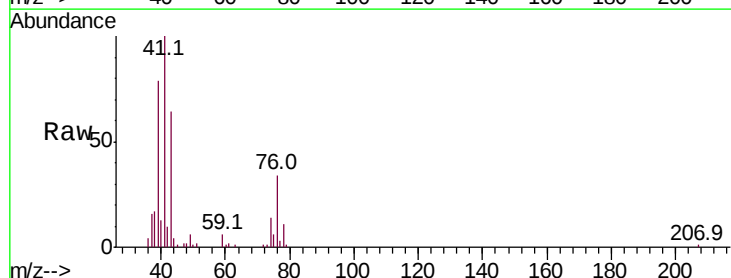
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

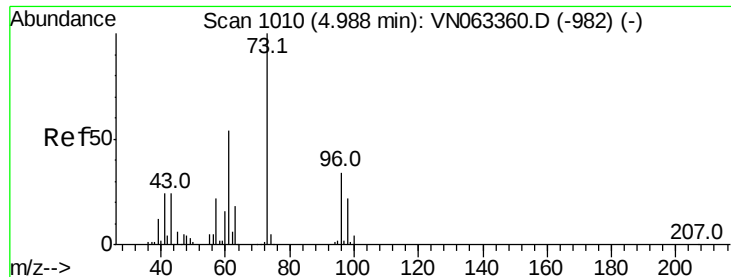
Tot Ion: 76 Resp: 167630
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#18
Methyl Acetate
Concen: 17.464 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion: 43 Resp: 73763
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.2

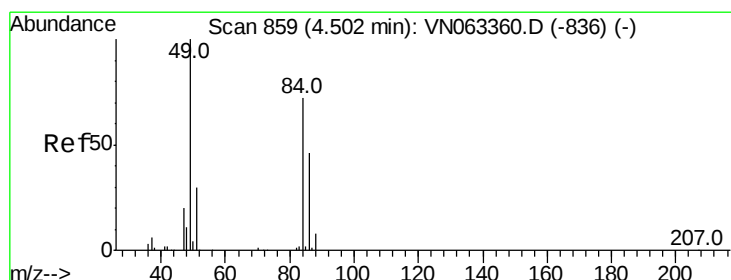
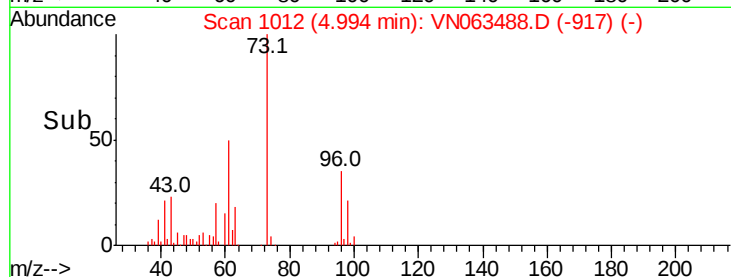
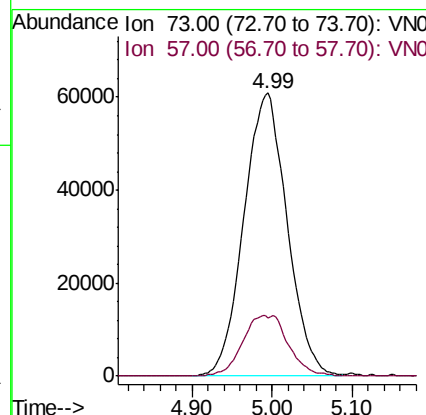
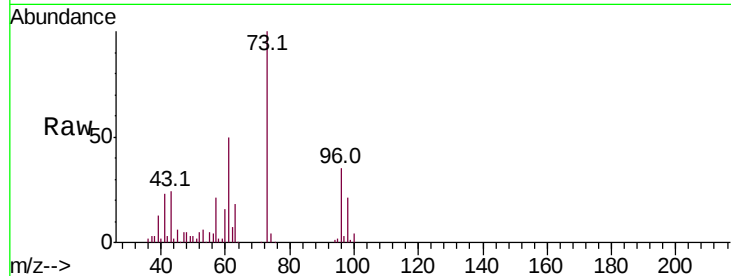




#19
Methvl tert-butvl Ether
Concen: 17.402 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

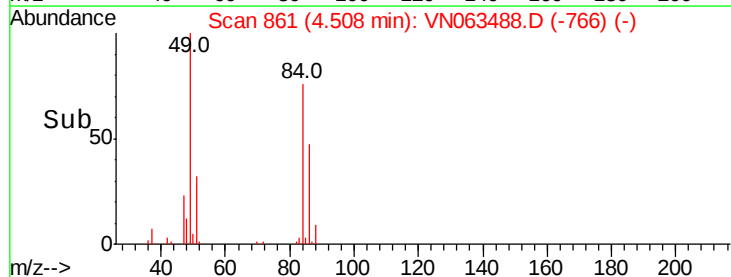
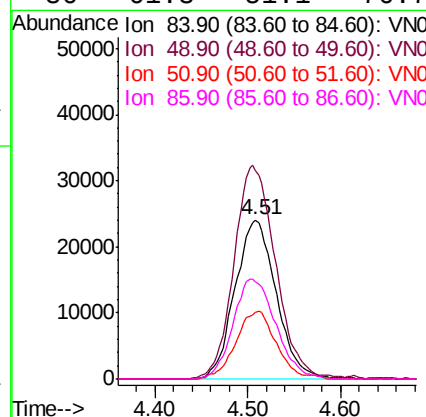
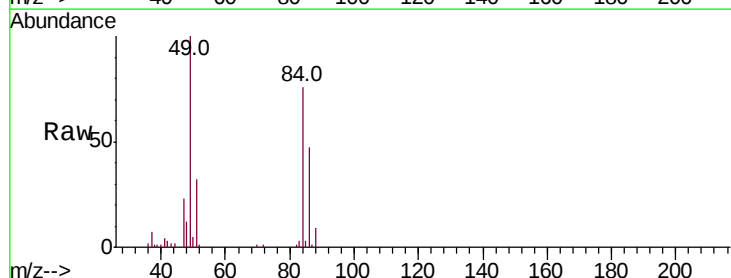
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

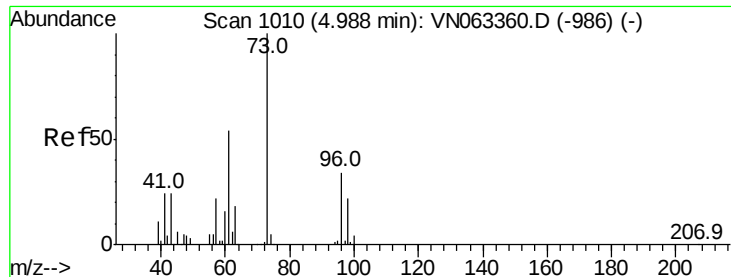
Tot Ion: 73 Resp: 222589
Ion Ratio Lower Upper
73 100
57 20.8 17.9 26.9



#20
Methylene Chloride
Concen: 17.615 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion: 84 Resp: 74255
Ion Ratio Lower Upper
84 100
49 130.9 110.7 166.1
51 41.7 32.9 49.3
86 61.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.736 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

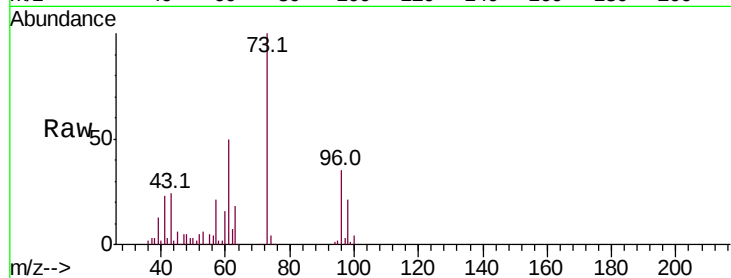
Tot Ion: 96 Resp: 67440

Ion Ratio Lower Upper

96 100

61 146.0 126.2 189.4

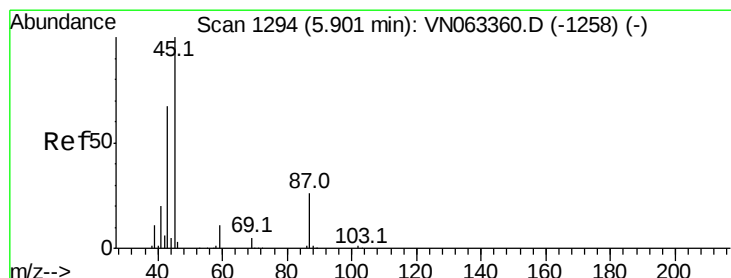
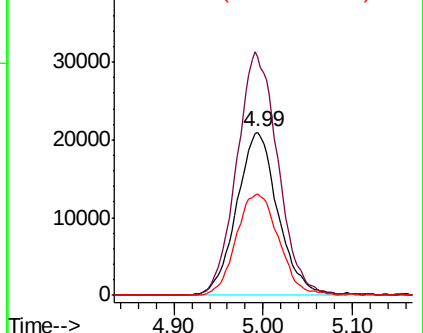
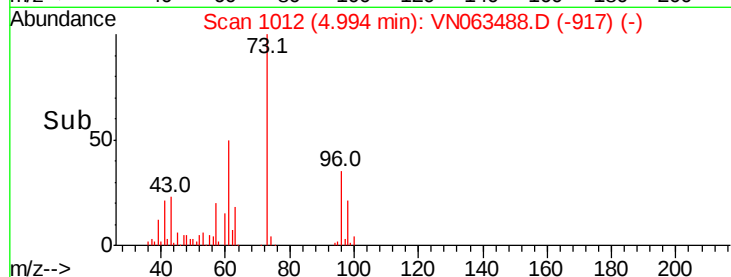
98 62.0 51.0 76.4



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: 17.580 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Tgt Ion: 45 Resp: 243405

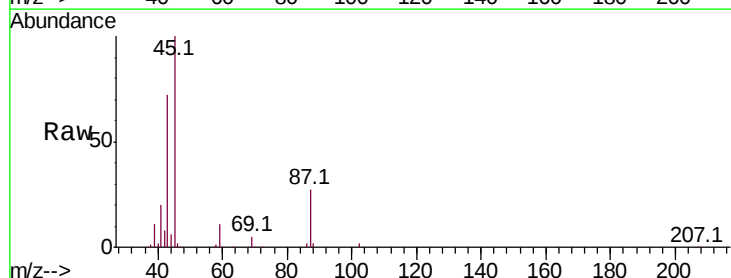
Ion Ratio Lower Upper

45 100

43 68.9 53.5 80.3

87 26.9 21.2 31.8

59 11.0 8.8 13.2

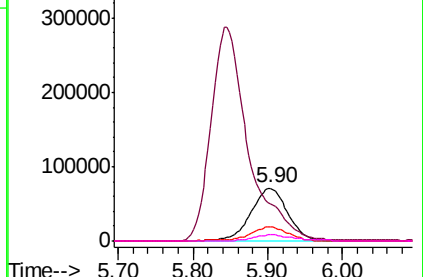
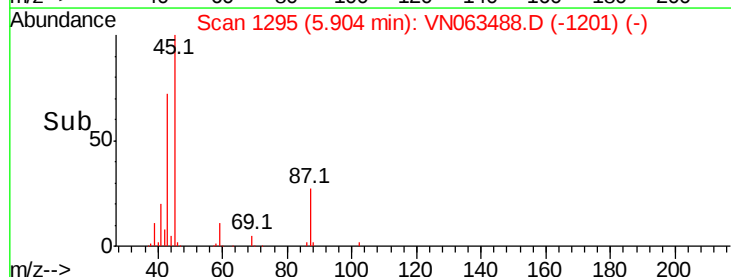


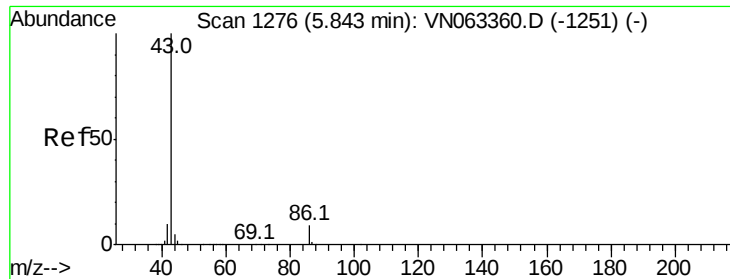
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 88.000 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

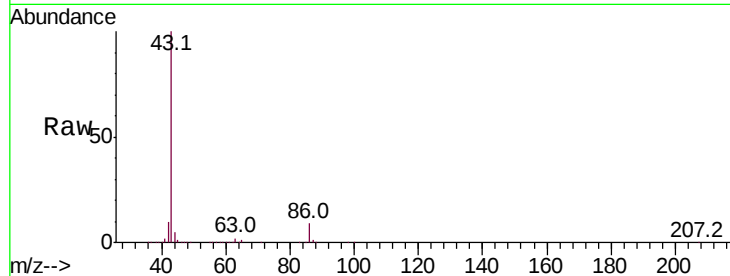
VN0921WBSD01

Tot Ion: 43 Resp: 1000622

Ion Ratio Lower Upper

43 100

86 9.3 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

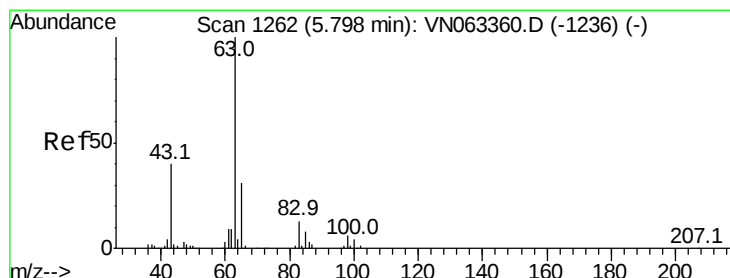
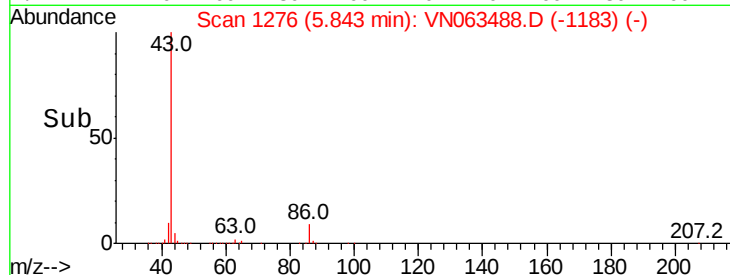
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.840 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

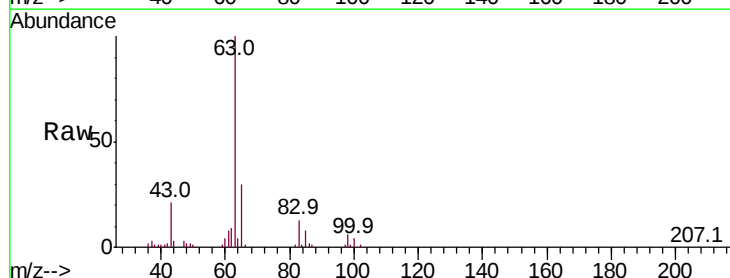
Tgt Ion: 63 Resp: 134849

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

50000

40000

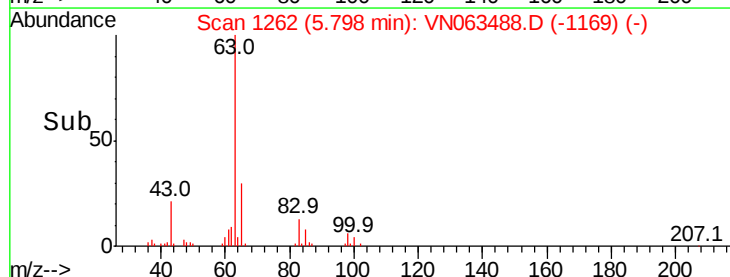
30000

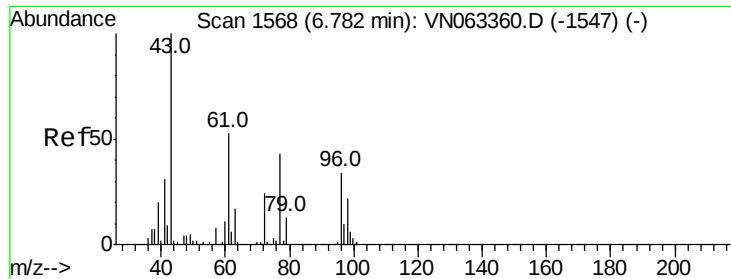
20000

10000

0

Time-->





#25

2-Butanone

Concen: 80.761 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

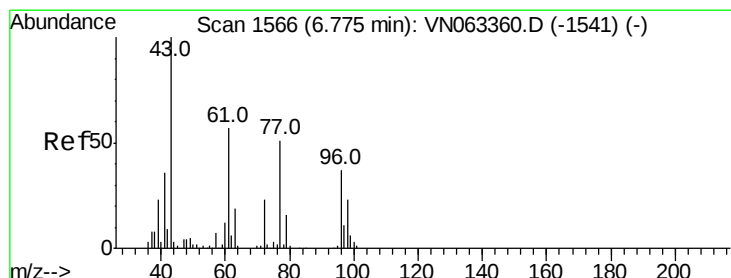
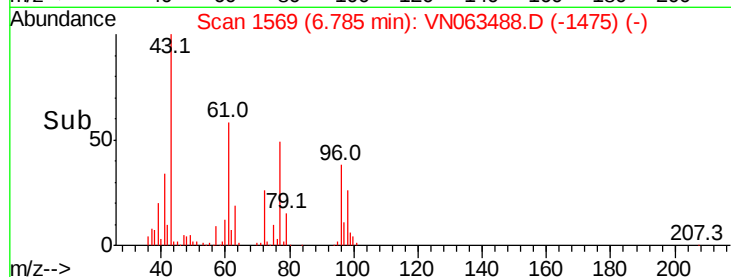
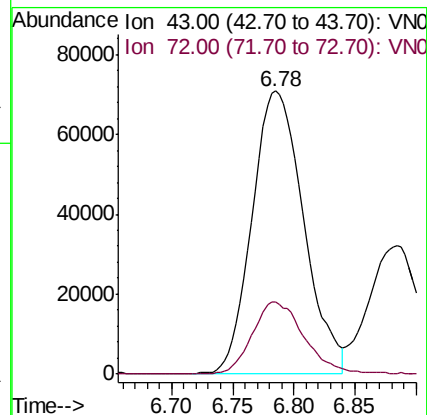
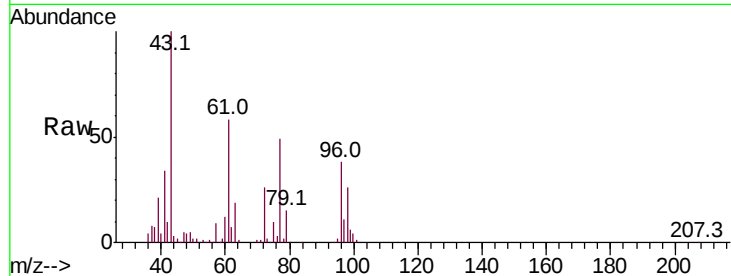
VN0921WBSD01

Tot Ion: 43 Resp: 206661

Ion Ratio Lower Upper

43 100

72 25.7 19.2 28.8



#26

2,2-Dichloropropane

Concen: 16.742 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063488.D

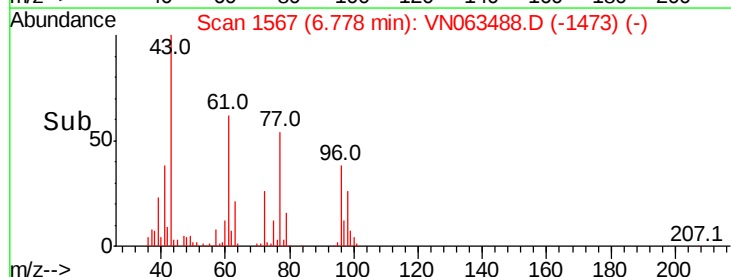
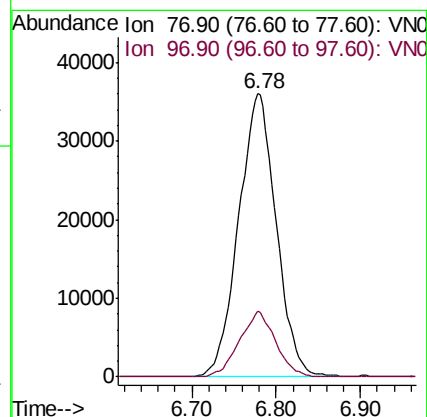
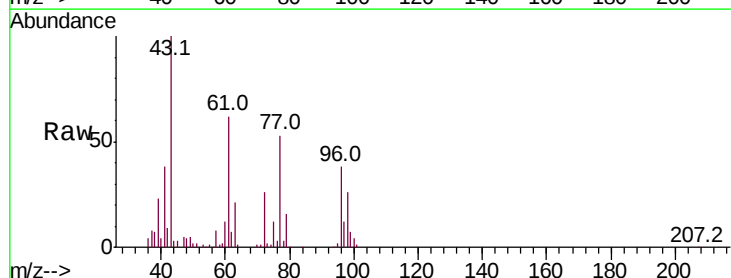
Acq: 21 Sep 2020 16:09

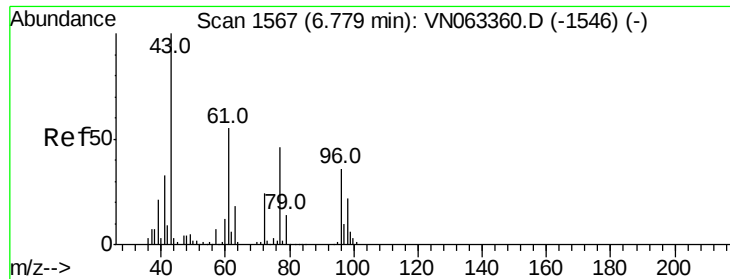
Tgt Ion: 77 Resp: 111419

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.252 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

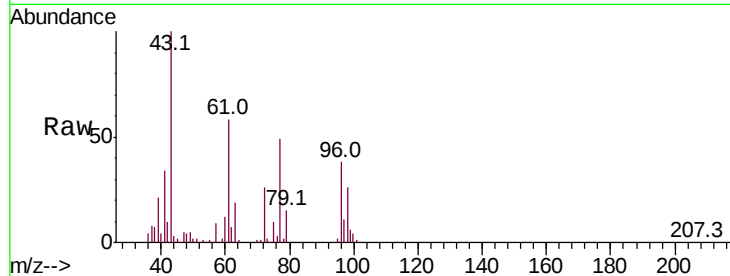
Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tot Ion: 96 Resp: 78553

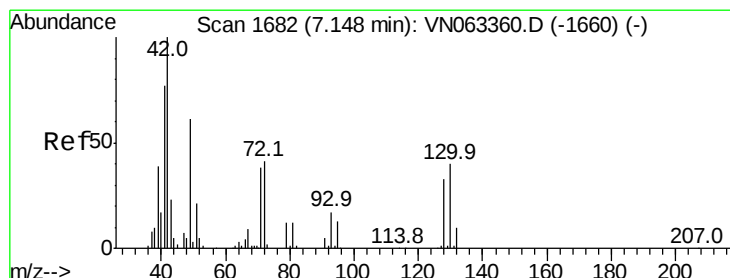
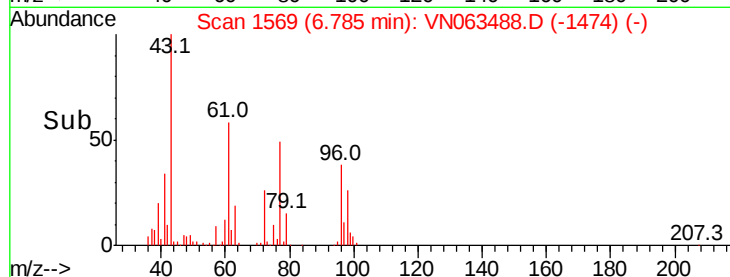
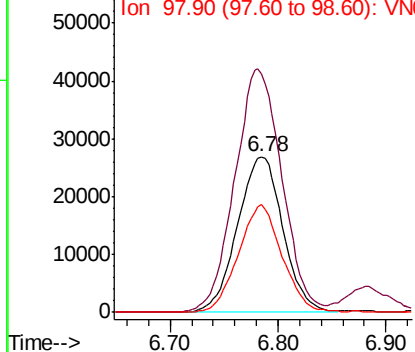
Ion	Ratio	Lower	Upper
96	100		
61	161.8	0.0	319.6
98	66.3	0.0	127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.633 ug/l

RT: 7.15 min Scan# 1682

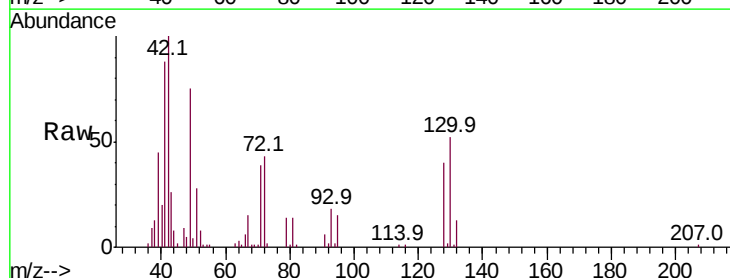
Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Tgt Ion: 49 Resp: 61543

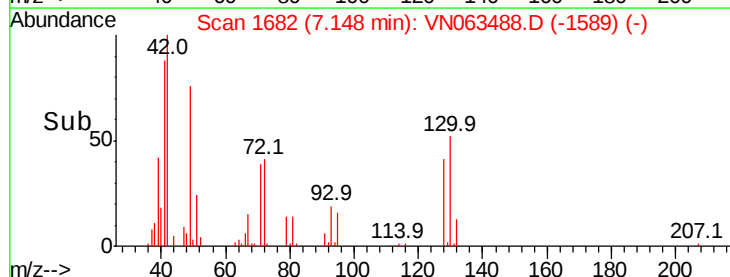
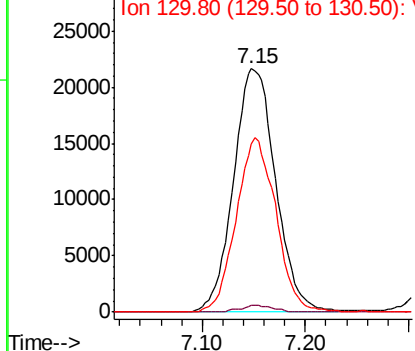
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	67.4	52.2	78.2

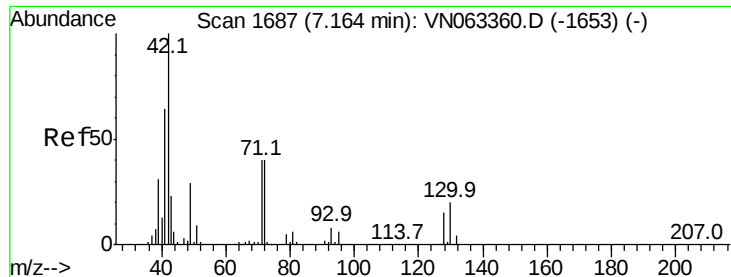


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 81.212 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

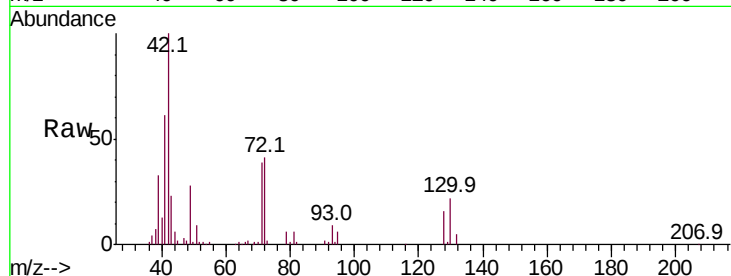
Tot Ion: 42 Resp: 141932

Ion Ratio Lower Upper

42 100

72 42.0 32.1 48.1

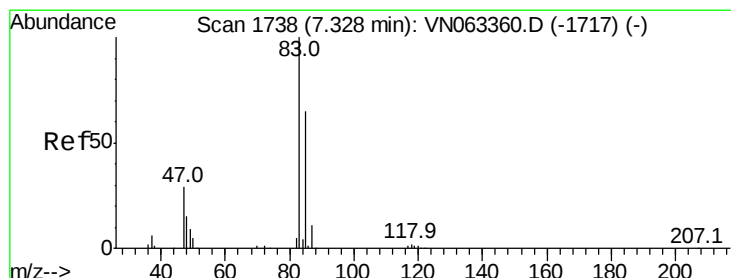
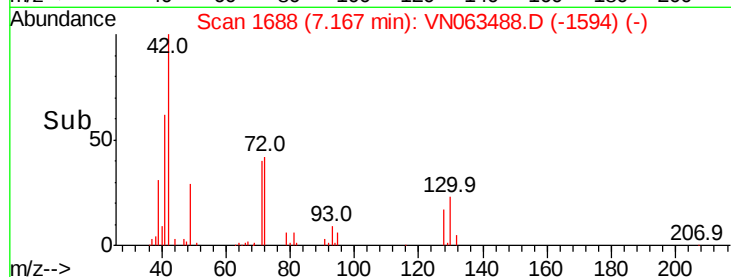
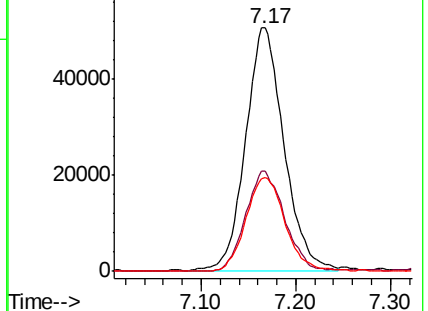
71 39.5 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.134 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063488.D

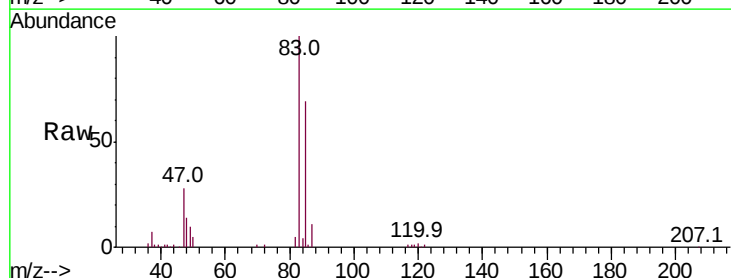
Acq: 21 Sep 2020 16:09

Tgt Ion: 83 Resp: 137523

Ion Ratio Lower Upper

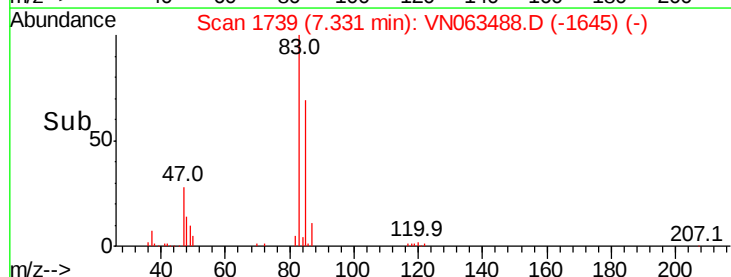
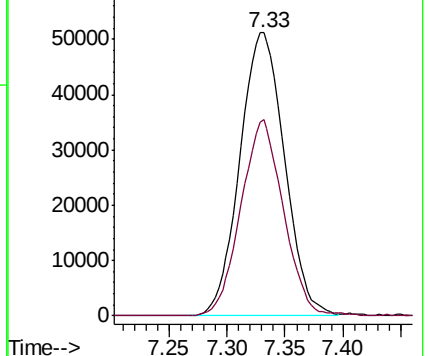
83 100

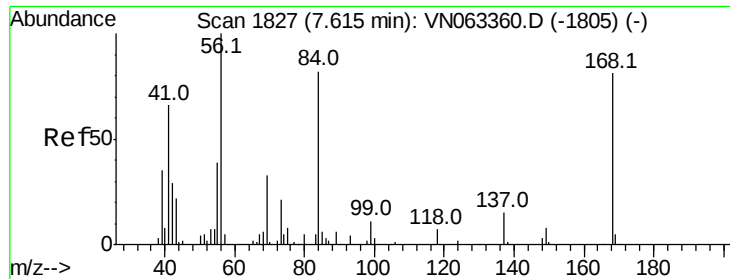
85 69.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.986 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

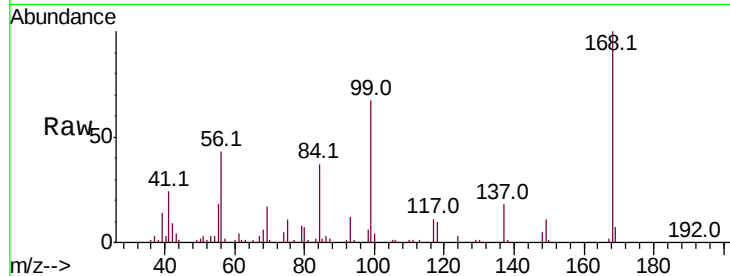
Tot Ion: 56 Resp: 121449

Ion Ratio Lower Upper

56 100

69 40.1 26.1 39.1#

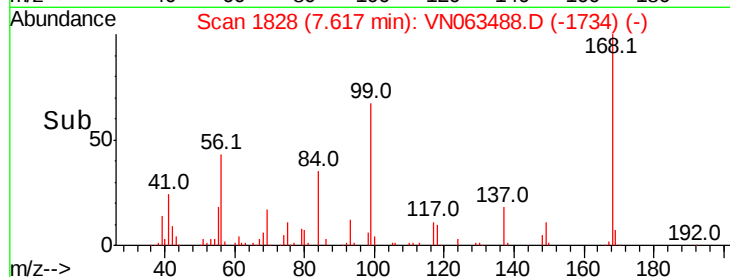
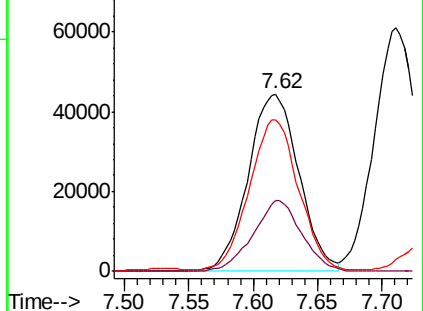
84 84.2 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.022 ug/l

RT: 7.53 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

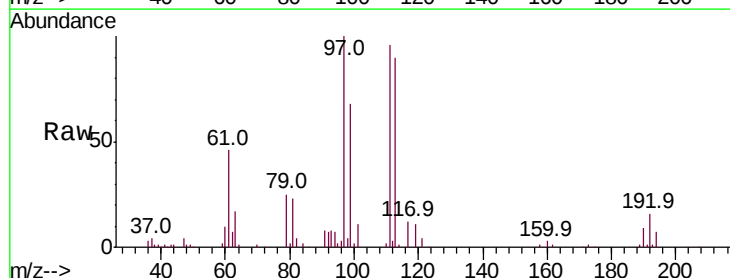
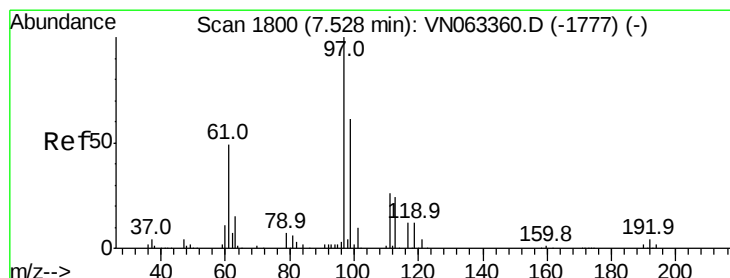
Tgt Ion: 97 Resp: 121562

Ion Ratio Lower Upper

97 100

99 65.5 50.6 76.0

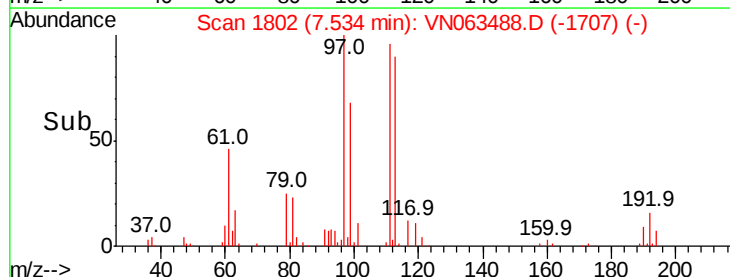
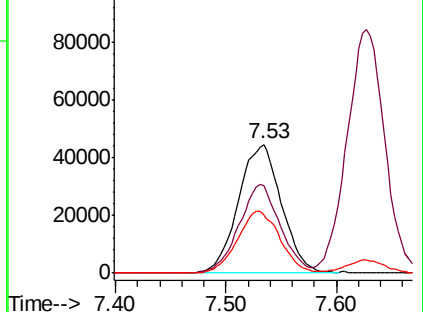
61 47.5 39.2 58.8

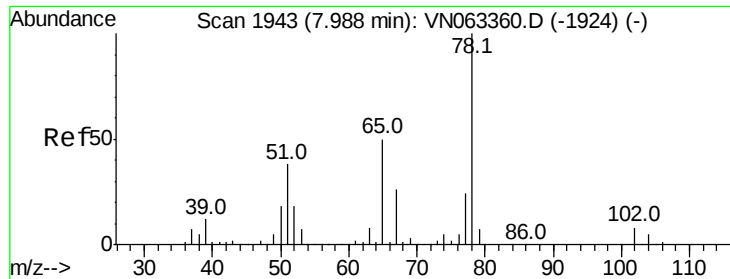


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 44.078 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

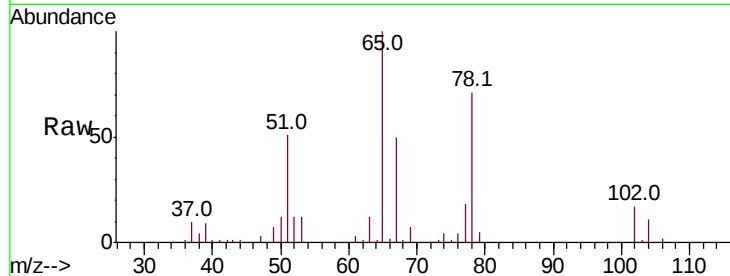
VN0921WBSD01

Tot Ion: 65 Resp: 228193

Ion Ratio Lower Upper

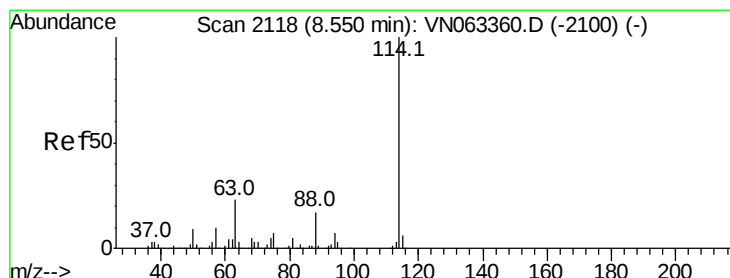
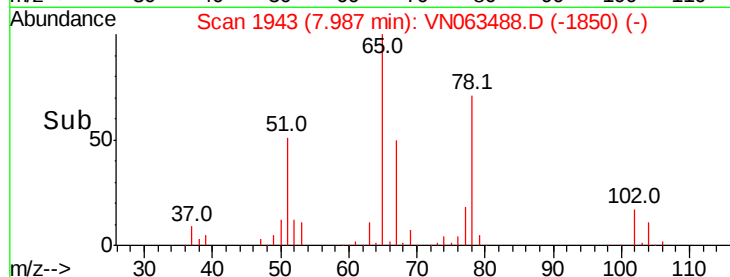
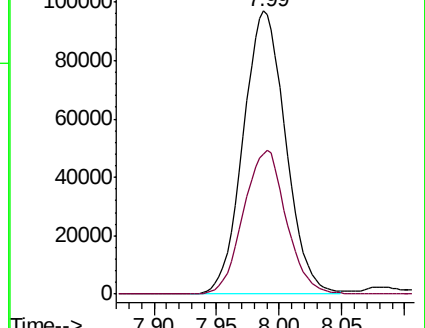
65 100

67 51.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

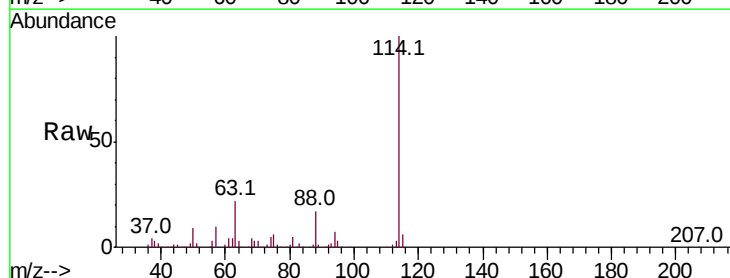
Tgt Ion: 114 Resp: 538284

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.4

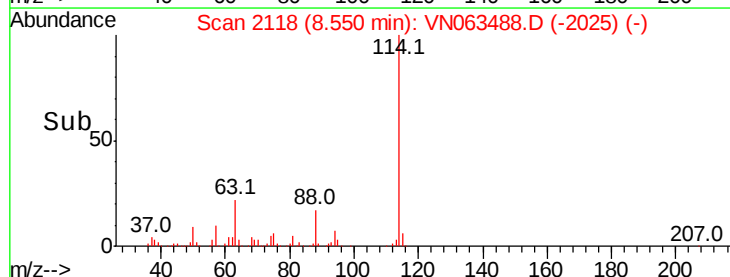
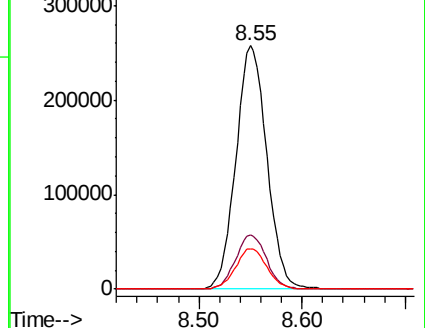
88 16.7 0.0 33.2

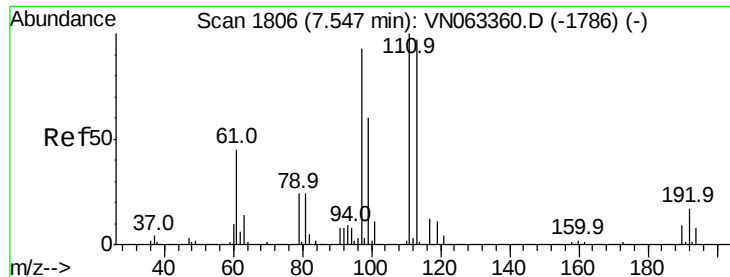


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

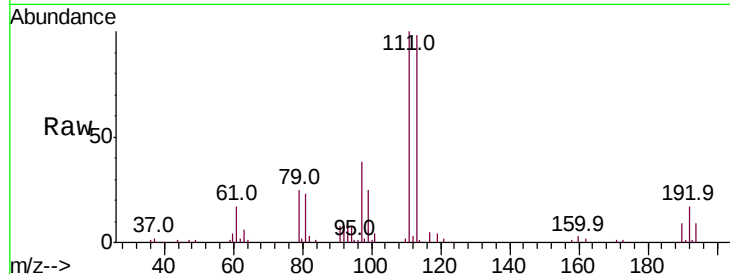




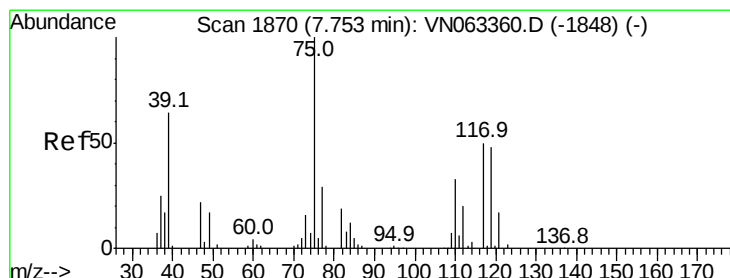
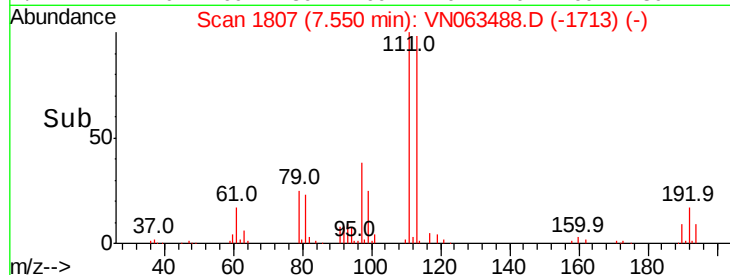
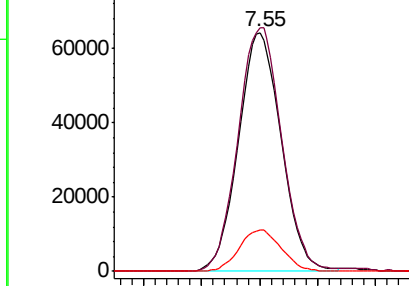
#35
 Dibromofluoromethane
 Concen: 44.151 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	17.2	13.9	20.9

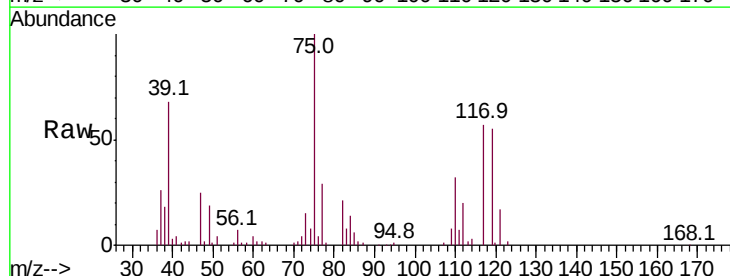


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

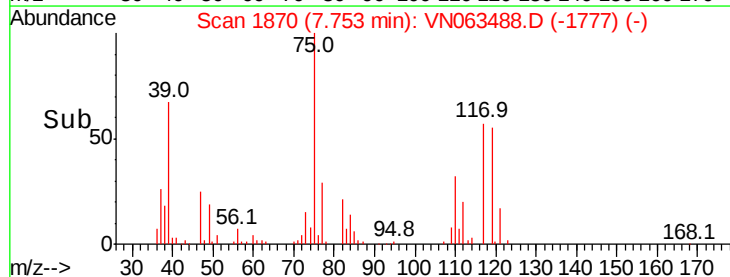
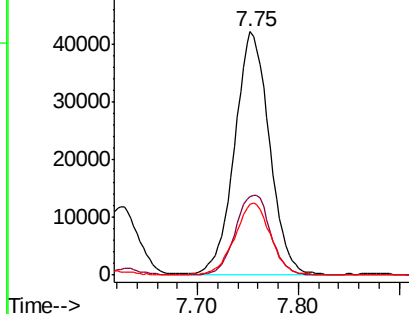


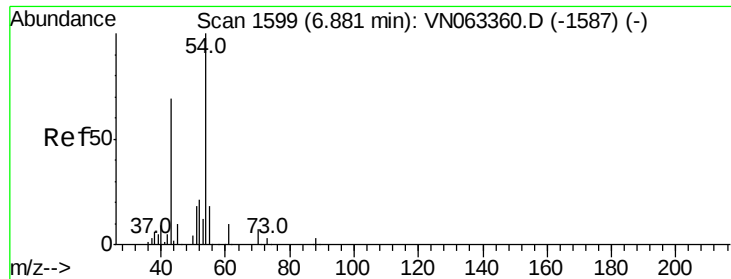
#36
 1,1-Dichloropropene
 Concen: 17.662 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.5	49.5
77	30.4	24.6	36.8



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

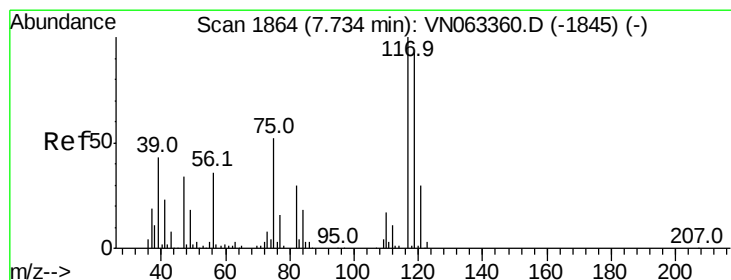
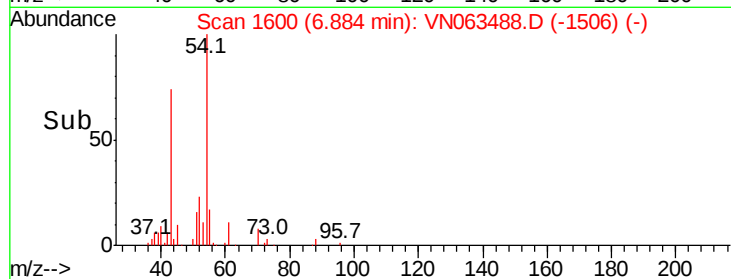
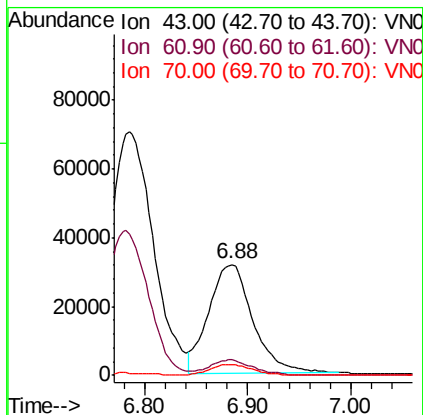
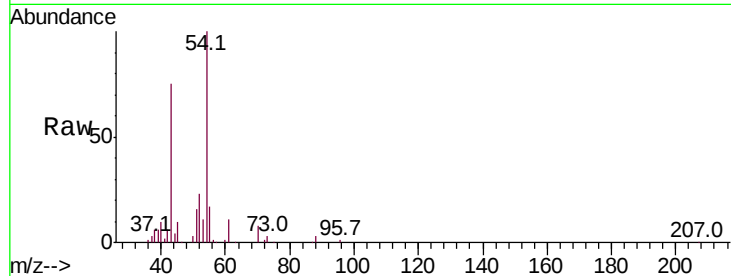




#37
Ethyl Acetate
Concen: 16.698 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

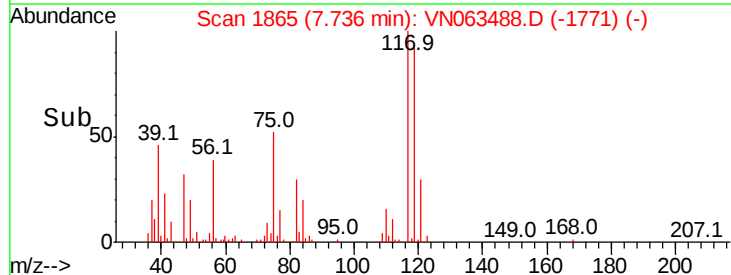
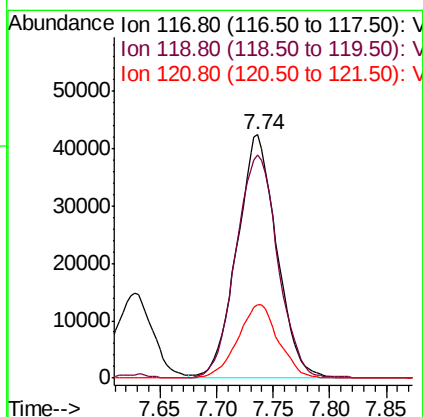
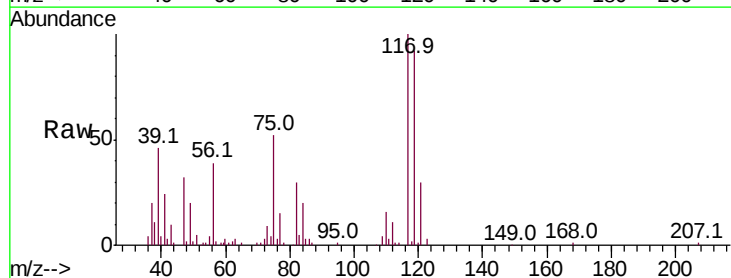
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

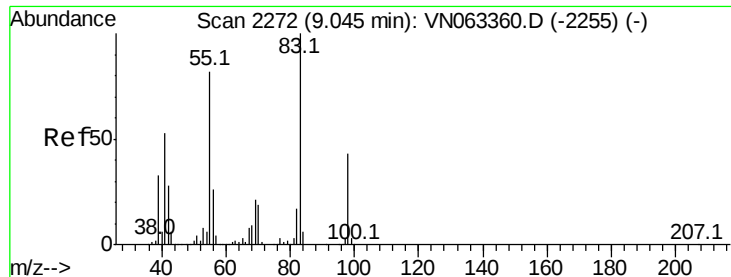
Tot Ion: 43 Resp: 93984
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 9.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 17.779 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion: 117 Resp: 104079
Ion Ratio Lower Upper
117 100
119 91.7 74.5 111.7
121 30.2 24.1 36.1

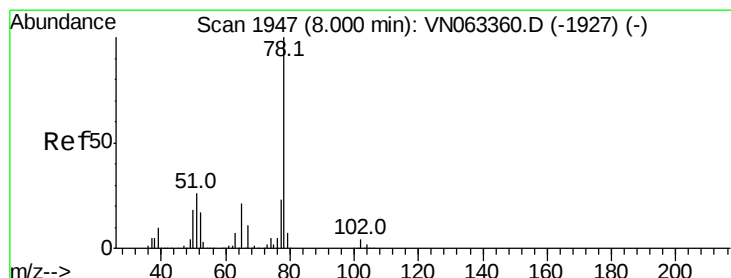
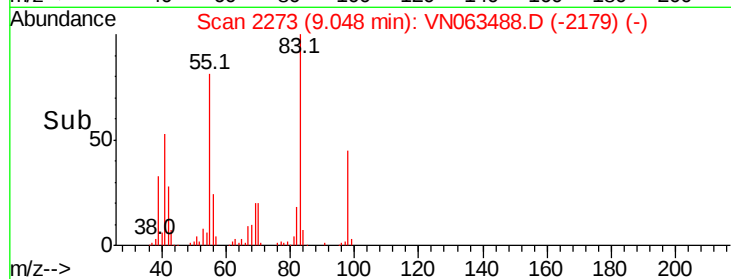
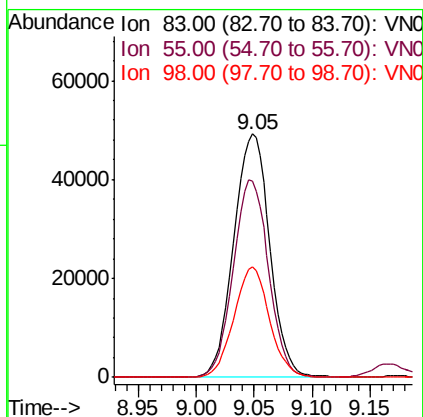
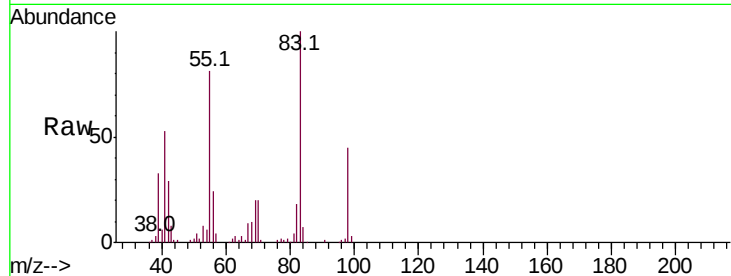




#39
Methvlcvclohexane
Concen: 17.043 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

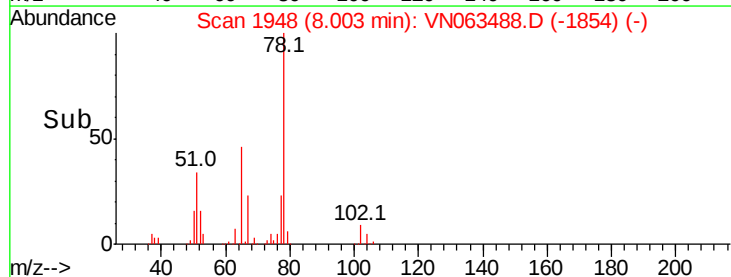
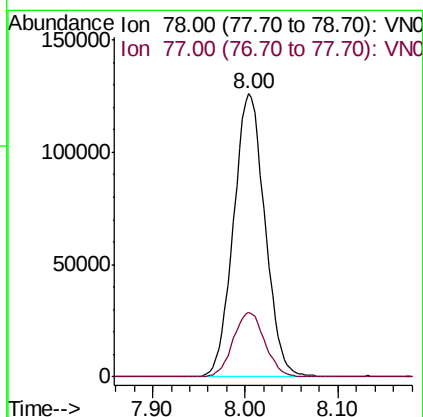
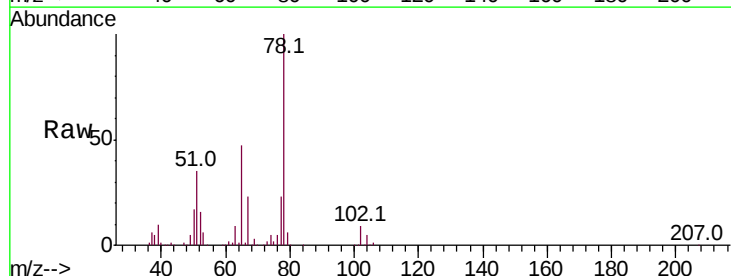
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

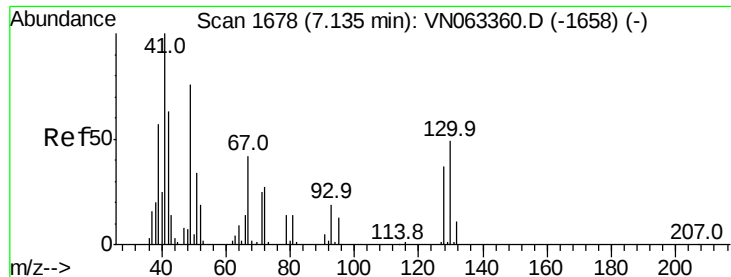
Tot Ion: 83 Resp: 106073
Ion Ratio Lower Upper
83 100
55 80.9 65.5 98.3
98 45.5 34.2 51.4



#40
Benzene
Concen: 18.115 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion: 78 Resp: 296547
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5

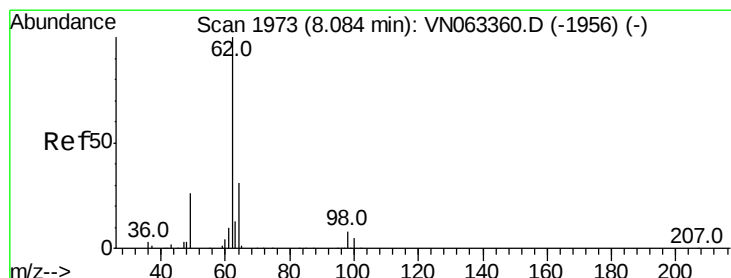
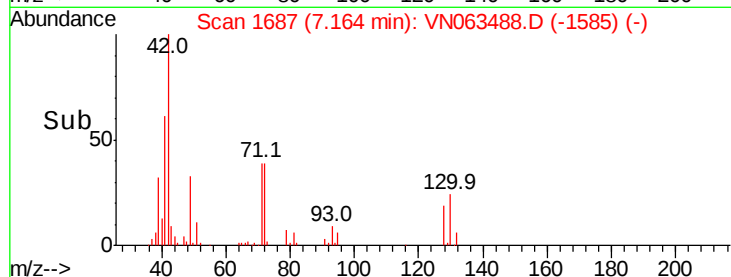
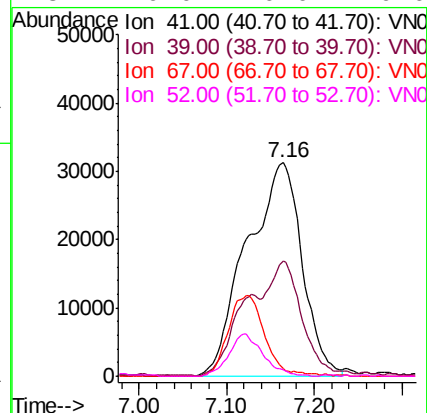
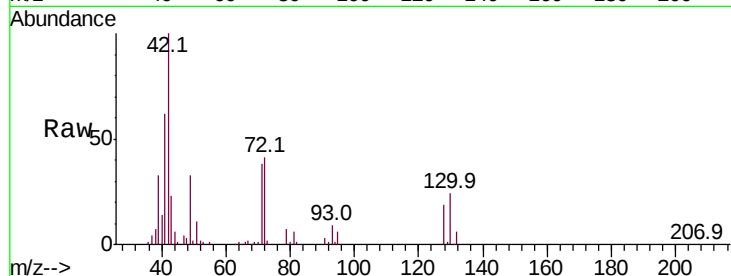




#41
Methacrylonitrile
Concen: 54.039 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

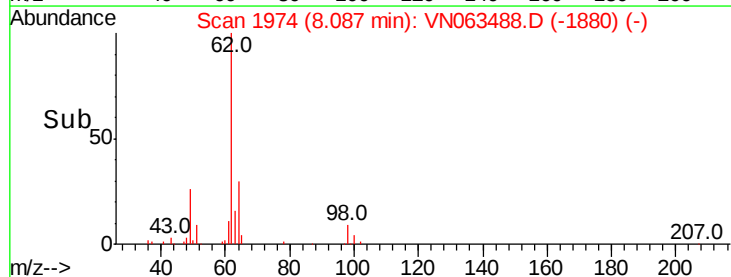
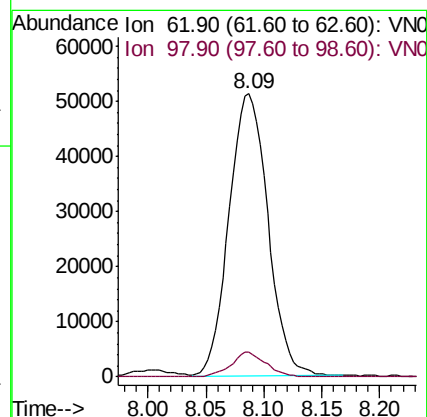
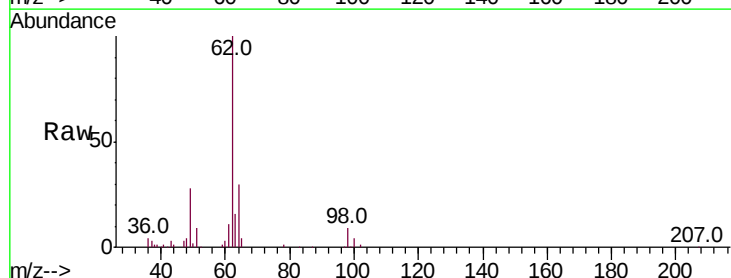
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

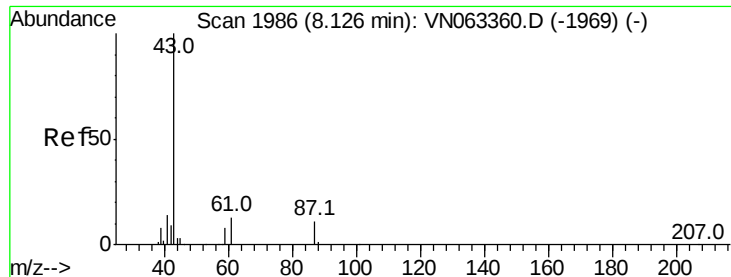
Tot Ion:	41	Resp:	136795
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.136 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion:	62	Resp:	119394
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.6





#43

Isopropyl Acetate

Concen: 16.233 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

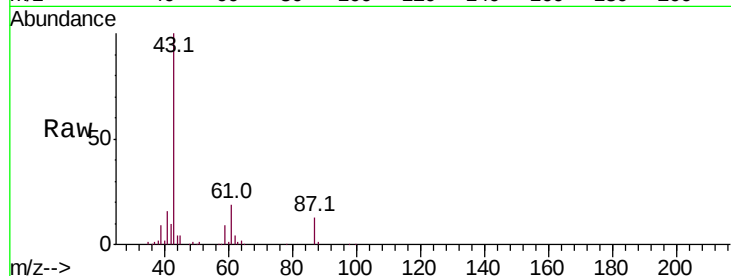
Tot Ion: 43 Resp: 163367

Ion Ratio Lower Upper

43 100

61 26.0 14.2 21.2#

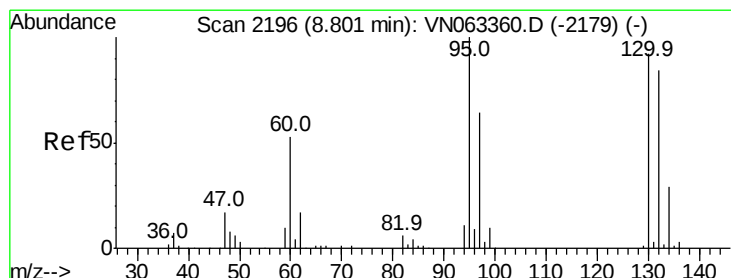
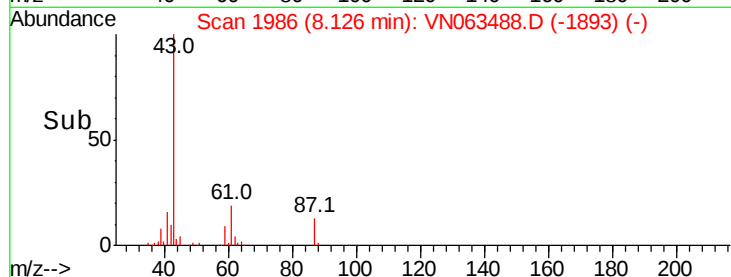
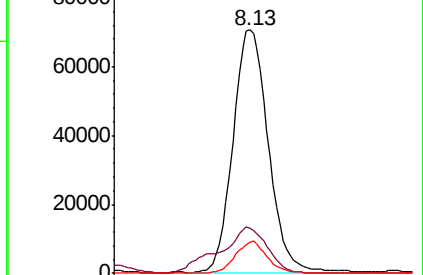
87 11.9 9.0 13.6



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: 18.427 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063488.D

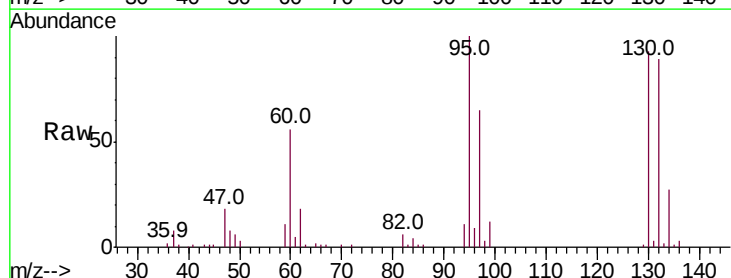
Acq: 21 Sep 2020 16:09

Tgt Ion:130 Resp: 73167

Ion Ratio Lower Upper

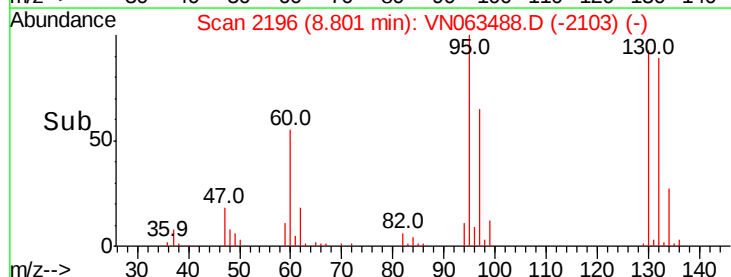
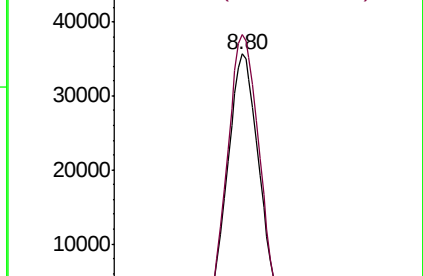
130 100

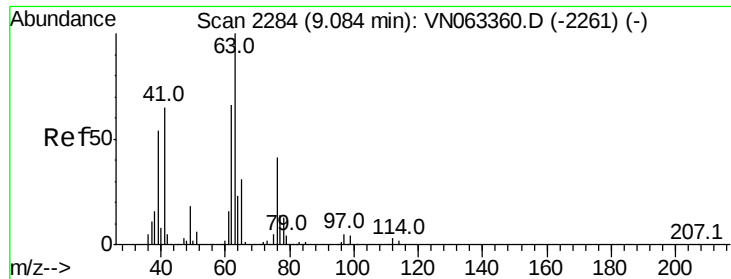
95 107.4 0.0 217.4



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: 18.097 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

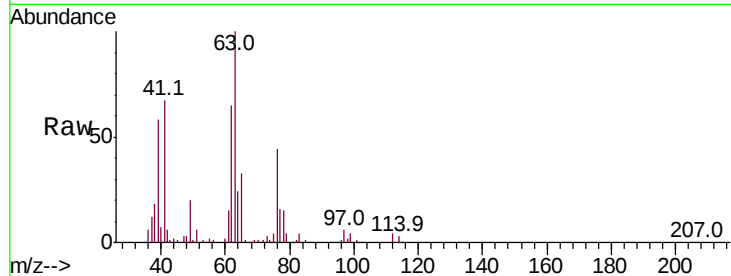
VN0921WBSD01

Tot Ion: 63 Resp: 80687

Ion Ratio Lower Upper

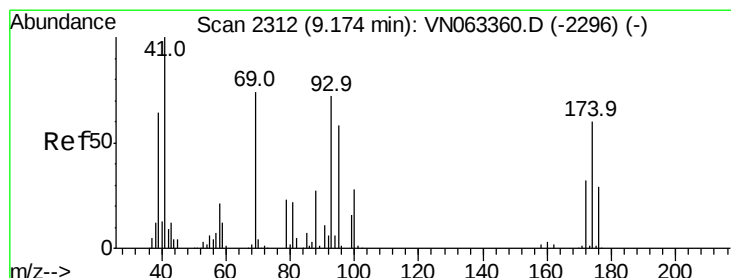
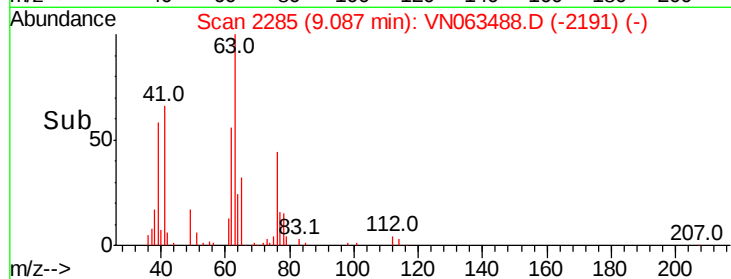
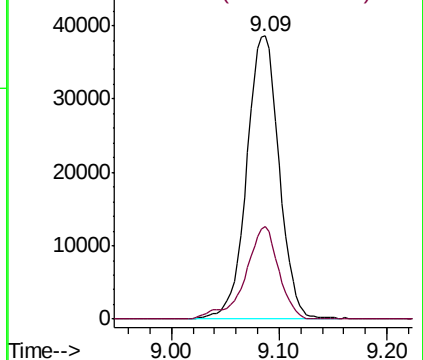
63 100

65 32.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.280 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

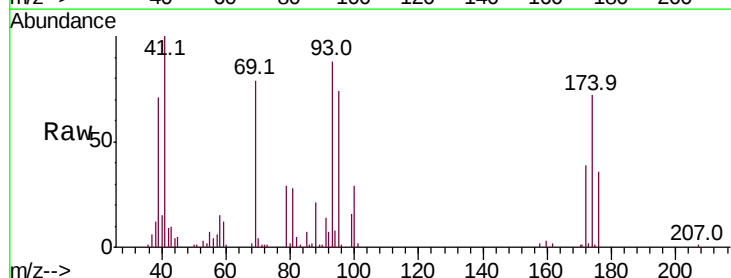
Tgt Ion: 93 Resp: 53567

Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

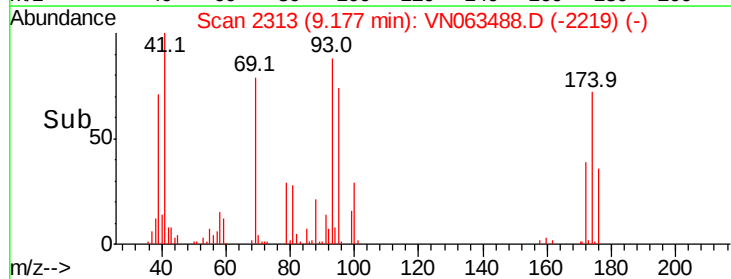
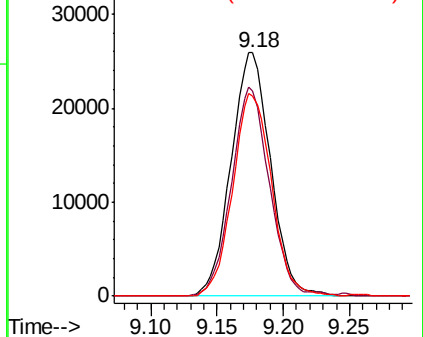
174 81.8 68.1 102.1

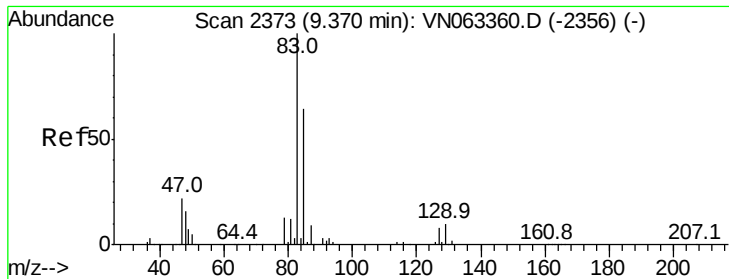


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.053 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

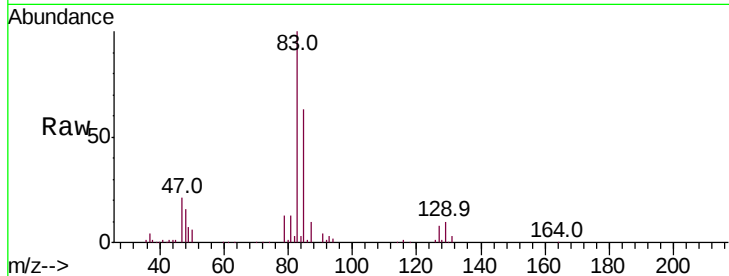
Tot Ion: 83 Resp: 109902

Ion Ratio Lower Upper

83 100

85 63.1 51.0 76.6

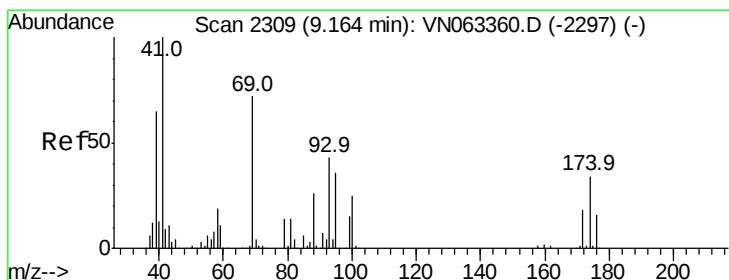
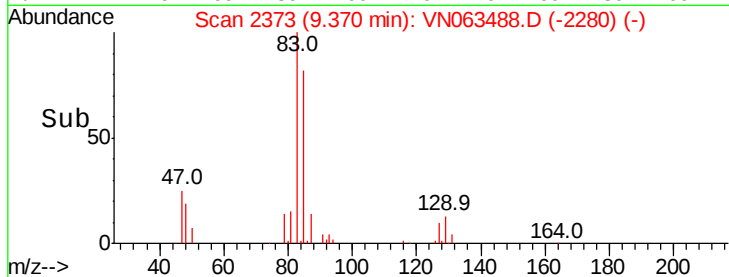
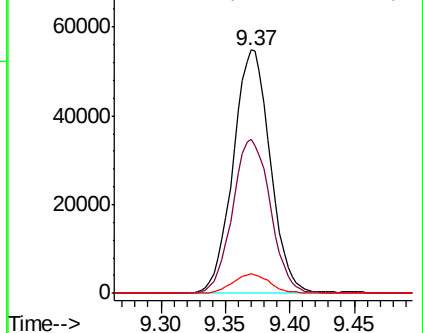
127 8.0 6.3 9.5



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: 16.510 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

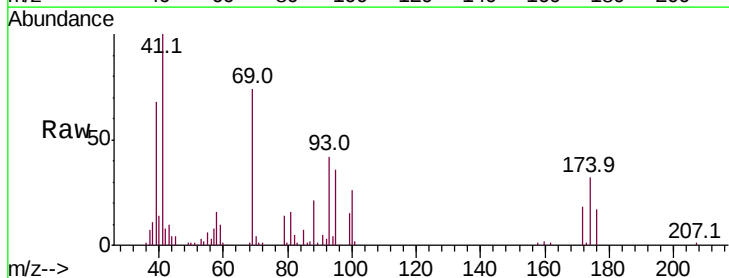
Tgt Ion: 41 Resp: 81633

Ion Ratio Lower Upper

41 100

69 75.0 59.3 88.9

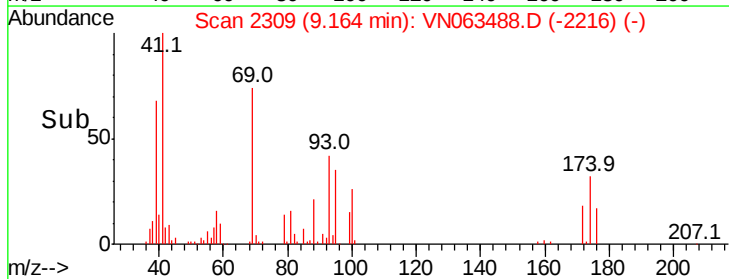
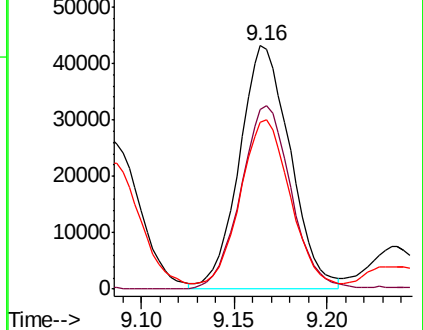
39 65.3 52.9 79.3

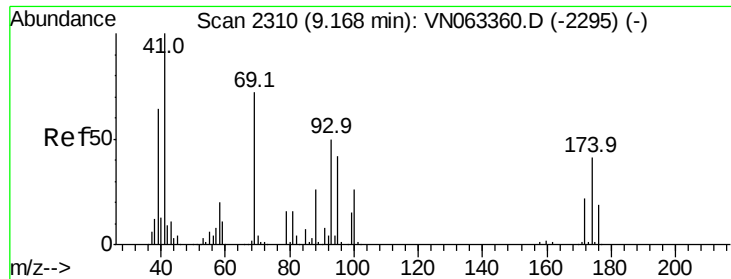


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 265.077 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

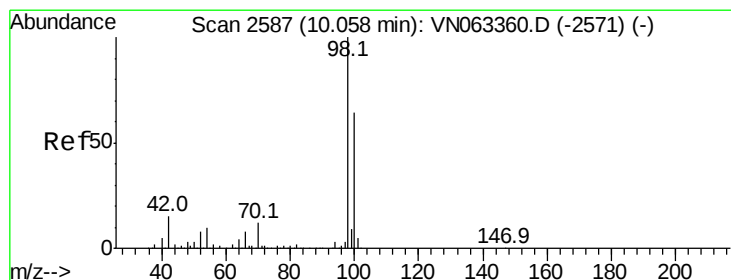
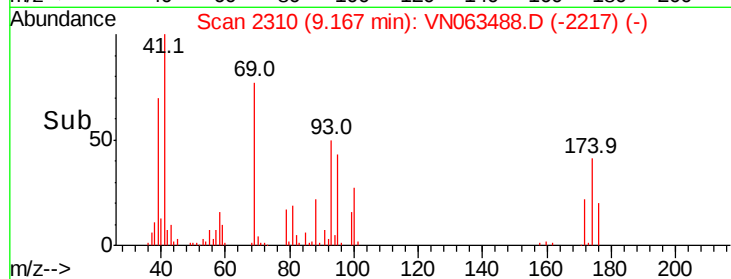
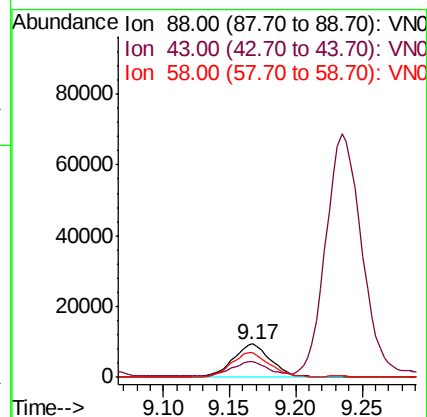
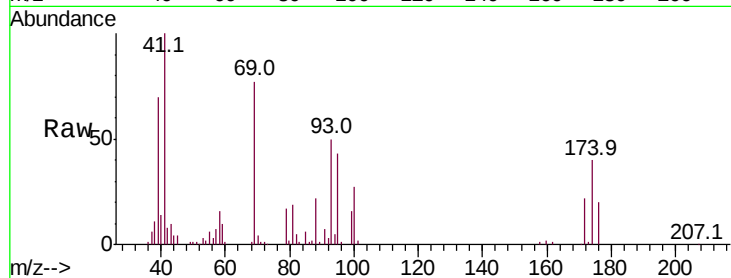
Tot Ion: 88 Resp: 18809

Ion Ratio Lower Upper

88 100

43 38.9 32.6 49.0

58 75.2 60.0 90.0



#50

Toluene-d8

Concen: 45.183 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063488.D

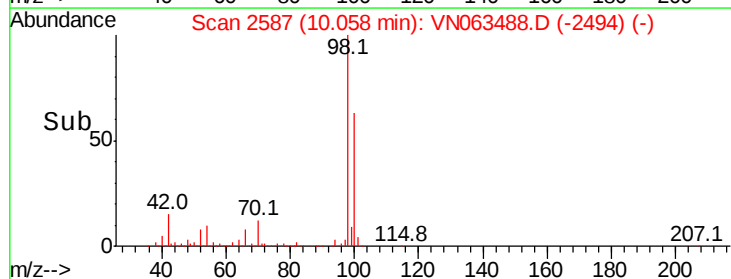
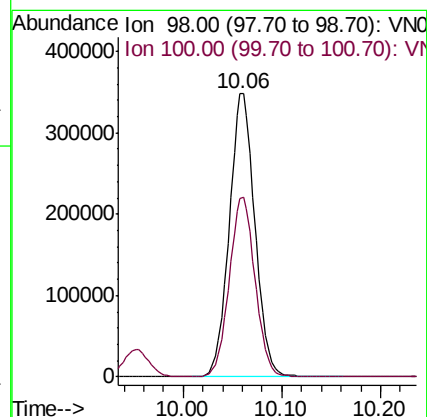
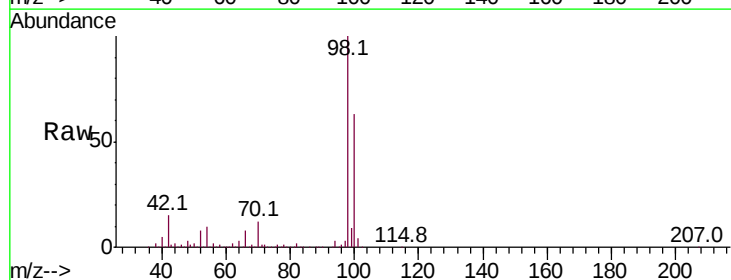
Acq: 21 Sep 2020 16:09

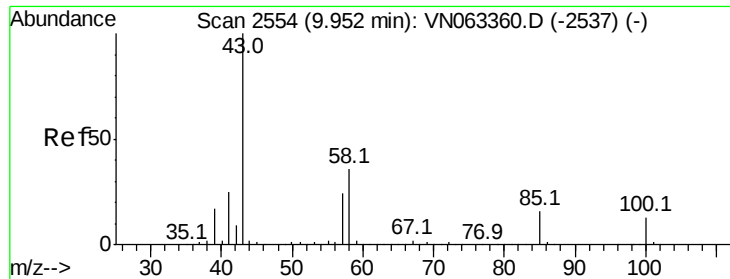
Tgt Ion: 98 Resp: 633108

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 83.536 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleID :

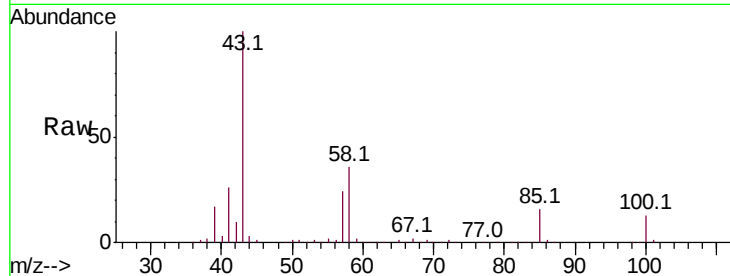
VN0921WBSD01

Tot Ion: 43 Resp: 470659

Ion Ratio Lower Upper

43 100

58 36.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

250000

200000

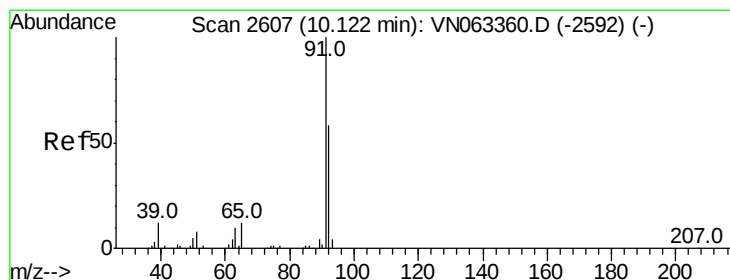
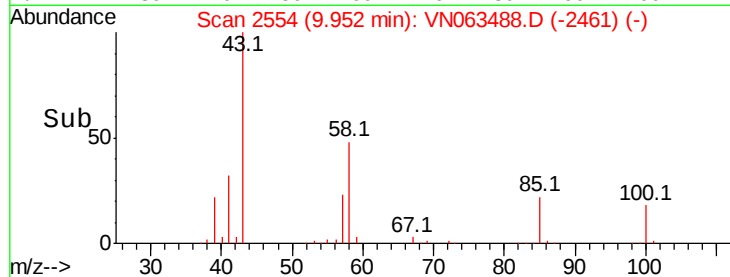
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.732 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063488.D

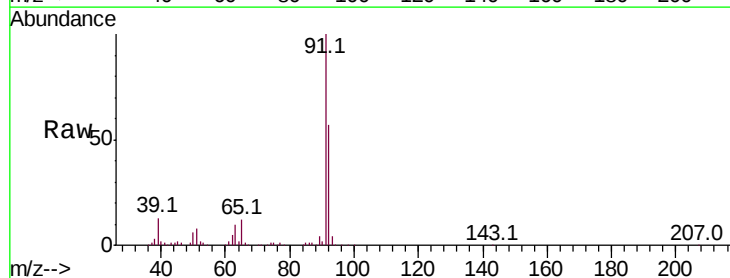
Acq: 21 Sep 2020 16:09

Tgt Ion: 92 Resp: 184366

Ion Ratio Lower Upper

92 100

91 173.9 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

200000

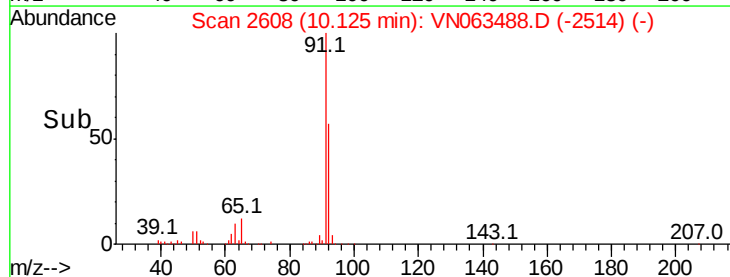
150000

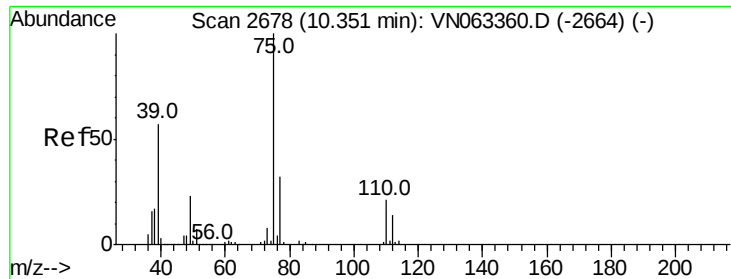
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.347 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

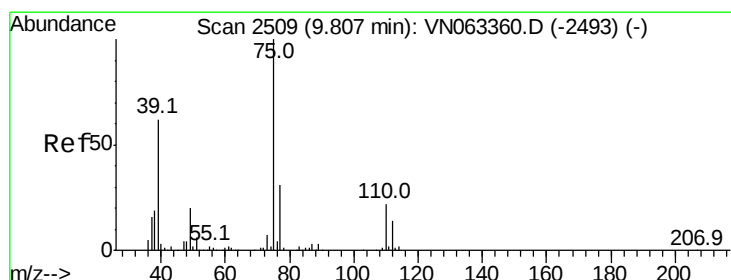
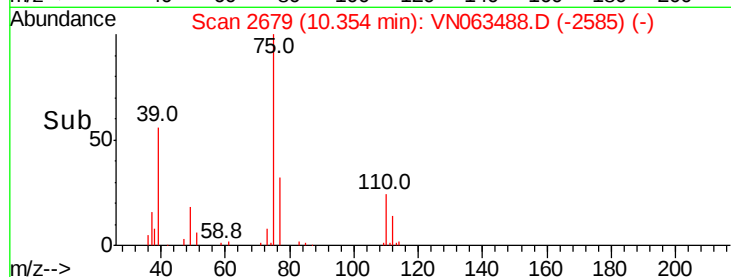
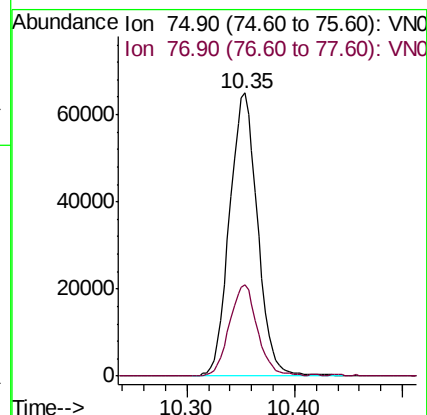
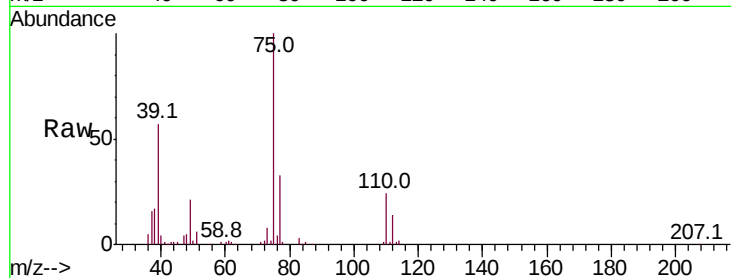
VN0921WBSD01

Tot Ion: 75 Resp: 117901

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.364 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

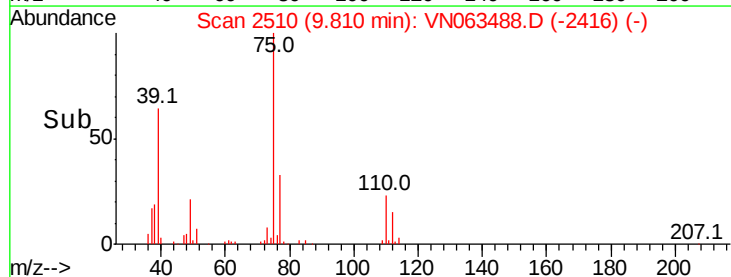
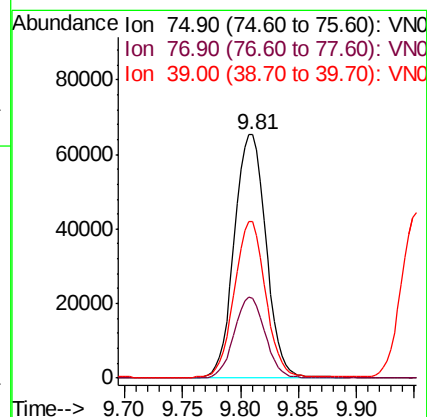
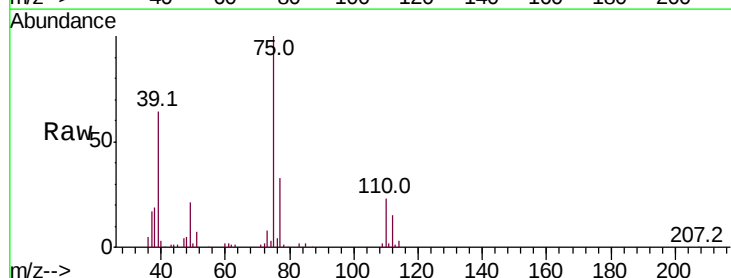
Tgt Ion: 75 Resp: 124483

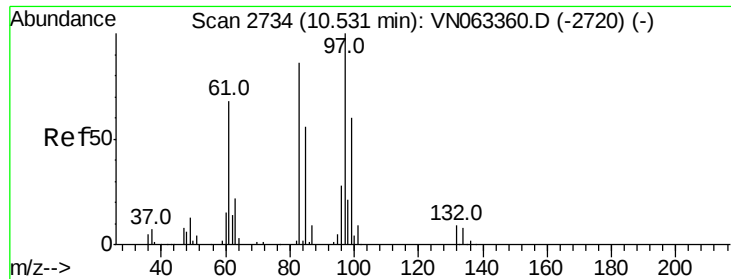
Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0

39 63.7 49.8 74.8

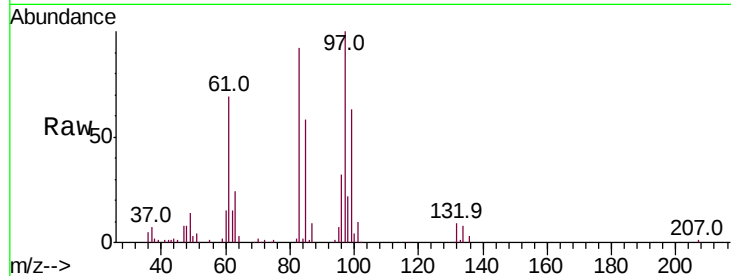




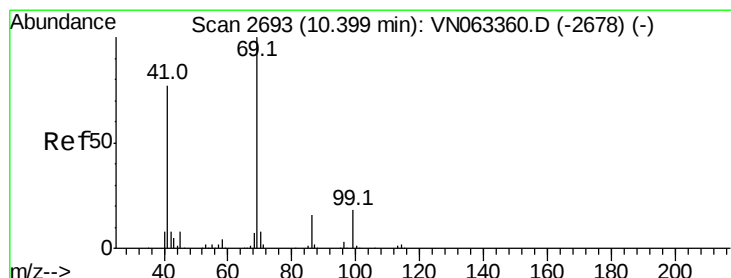
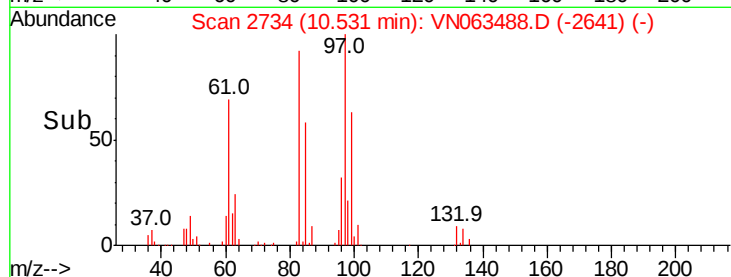
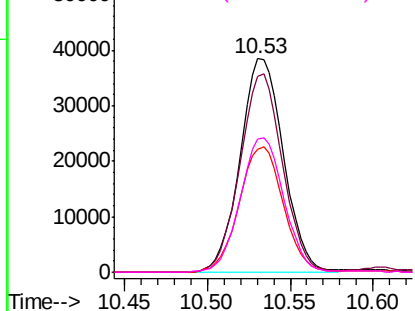
#55
 1,1,2-Trichloroethane
 Concen: 17.860 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

Tot Ion: 97 Resp: 69821
 Ion Ratio Lower Upper
 97 100
 83 91.7 68.9 103.3
 85 57.6 44.8 67.2
 99 62.6 47.8 71.8

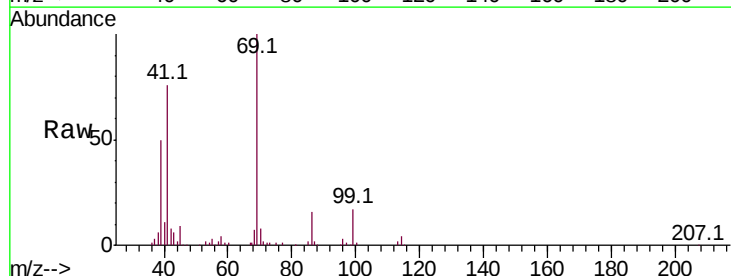


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

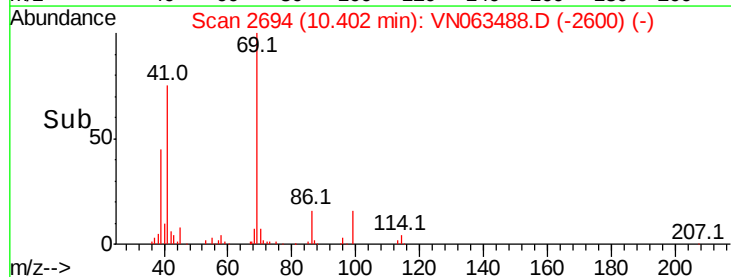
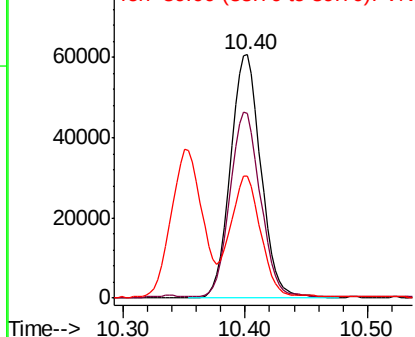


#56
 Ethyl methacrylate
 Concen: 17.286 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

Tgt Ion: 69 Resp: 105498
 Ion Ratio Lower Upper
 69 100
 41 75.8 61.0 91.6
 39 49.6 39.2 58.8



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





#57

1,3-Dichloropropane

Concen: 17.665 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

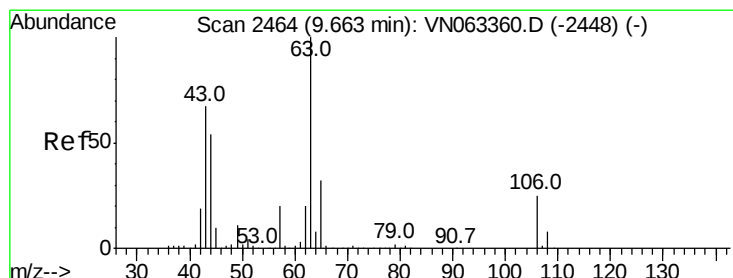
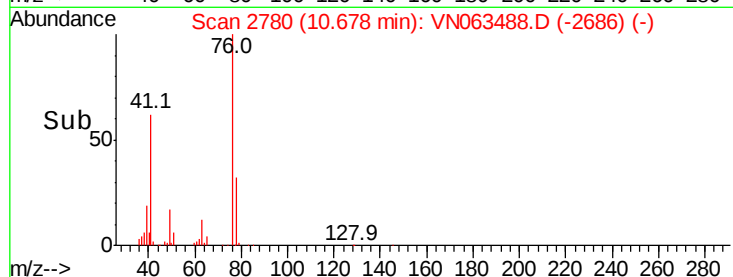
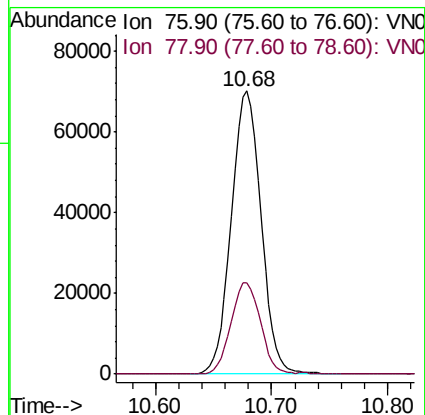
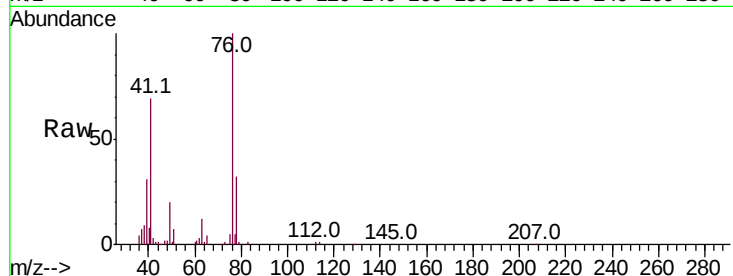
VN0921WBSD01

Tot Ion: 76 Resp: 124541

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 78.722 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063488.D

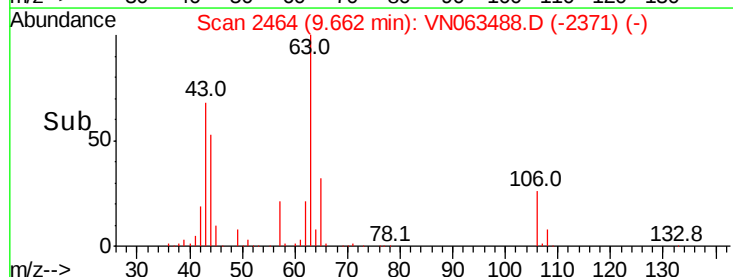
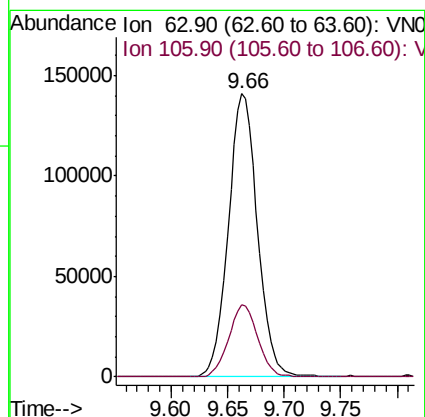
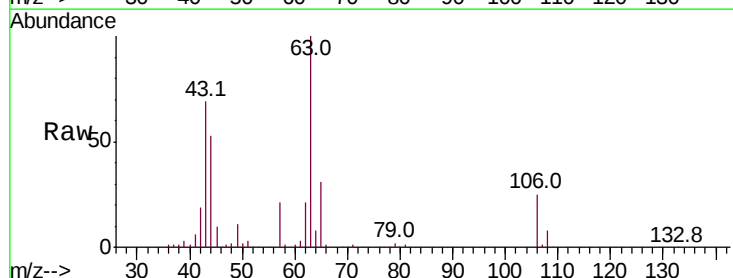
Acq: 21 Sep 2020 16:09

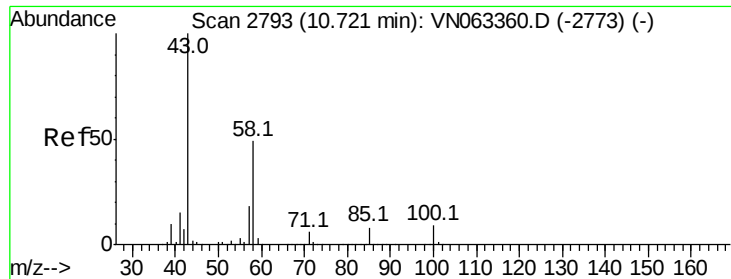
Tgt Ion: 63 Resp: 252035

Ion Ratio Lower Upper

63 100

106 25.5 19.5 29.3

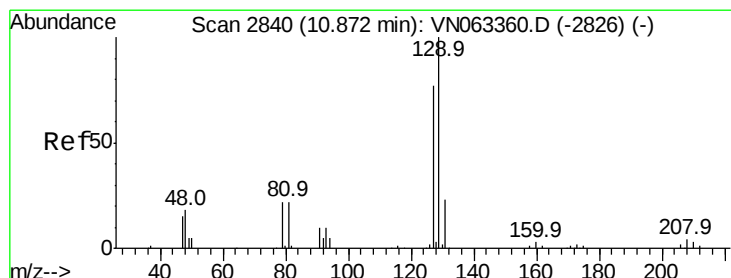
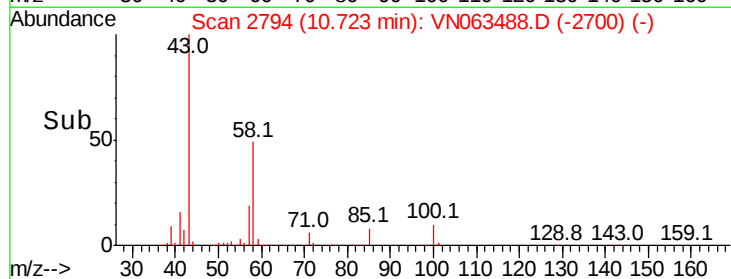
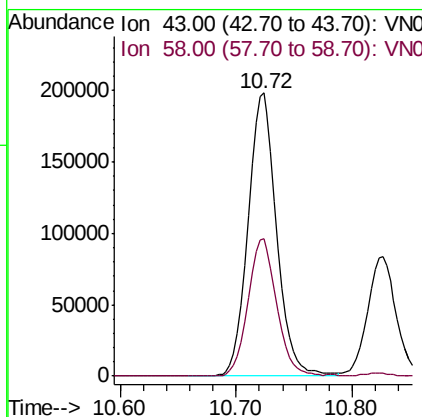
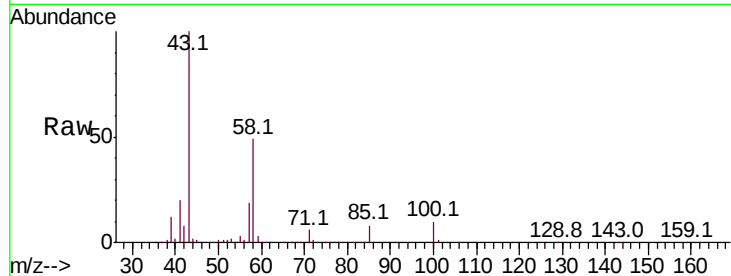




#59
2-Hexanone
Concen: 82.985 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

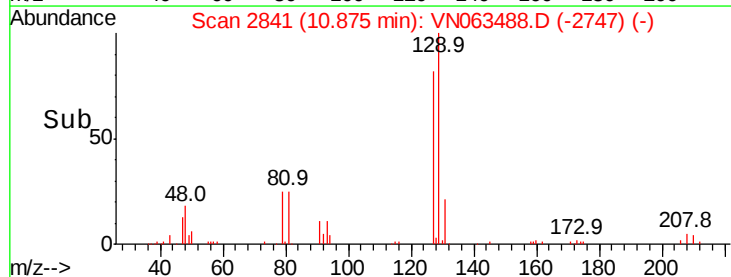
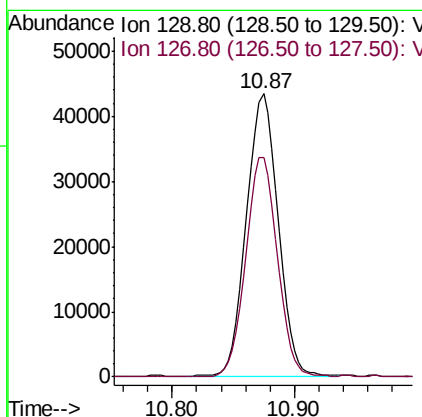
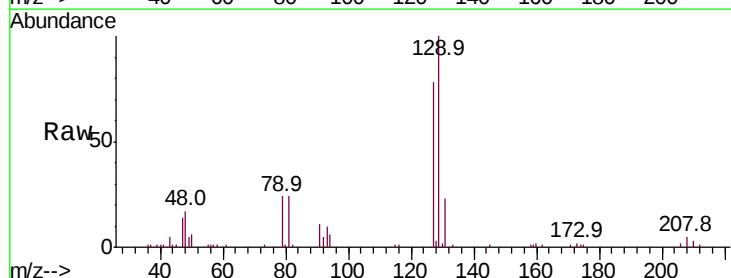
Instrument :
MSVOA_N
ClientSampled :
VN0921WBSD01

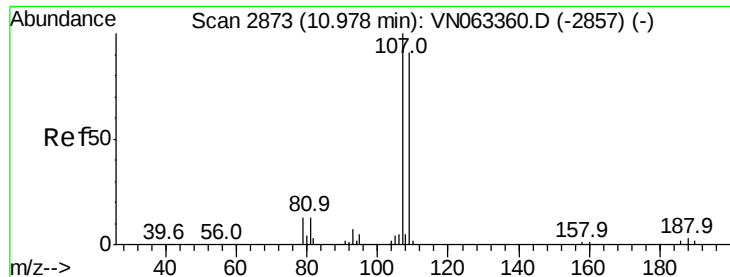
Tot Ion: 43 Resp: 338730
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1



#60
Dibromochloromethane
Concen: 17.724 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion: 129 Resp: 78280
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

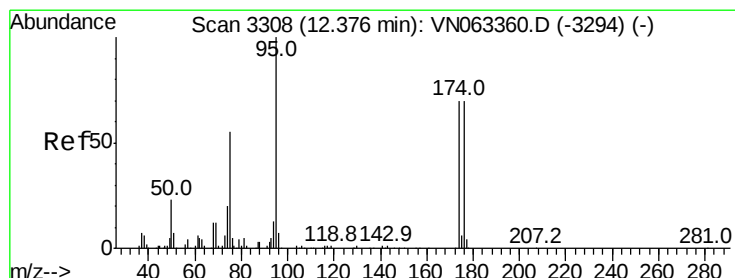
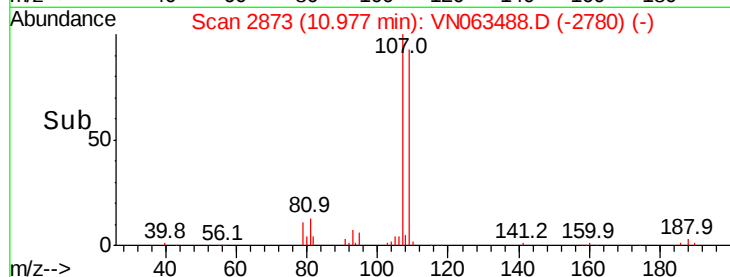
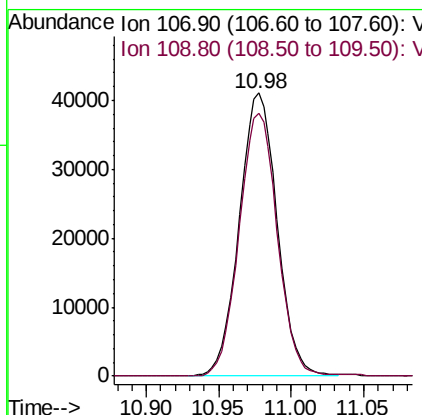
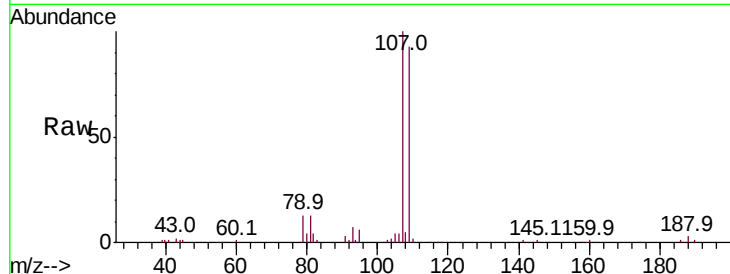




#61
 1,2-Dibromoethane
 Concen: 18.372 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

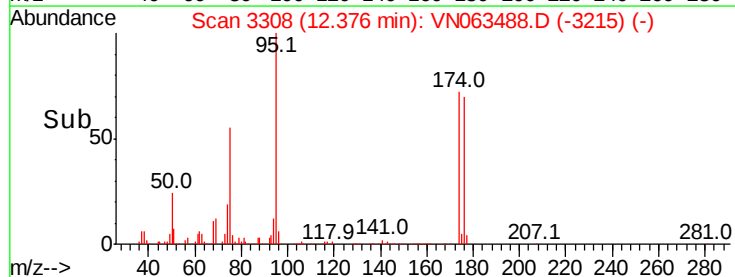
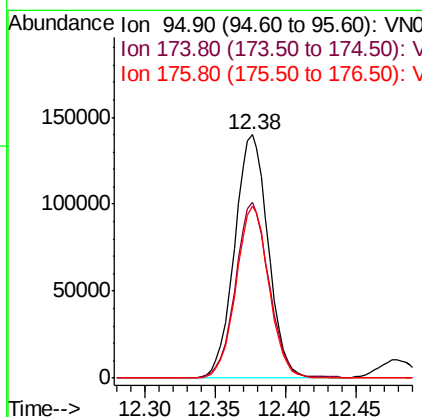
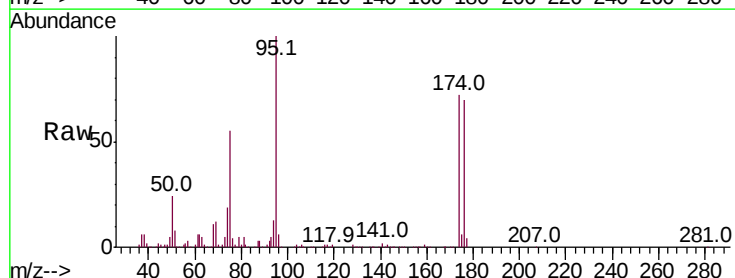
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

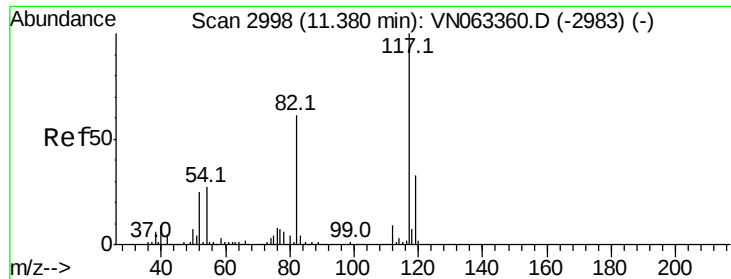
Tot Ion: 107 Resp: 74619
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 45.586 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

Tgt Ion: 95 Resp: 234156
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 140.8
 176 69.1 0.0 137.6

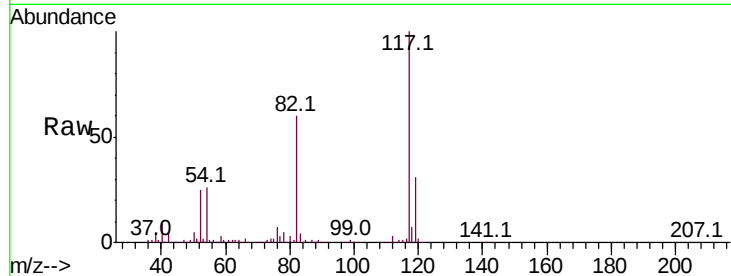




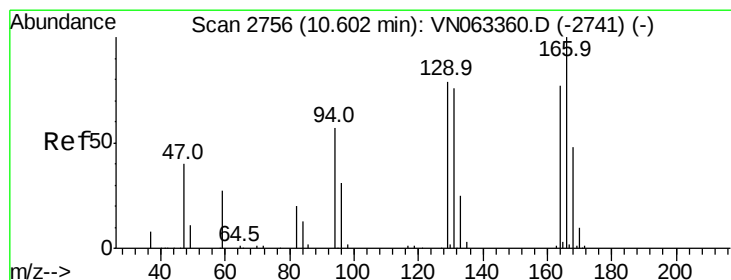
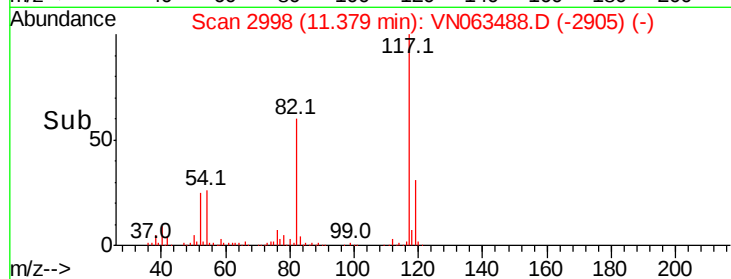
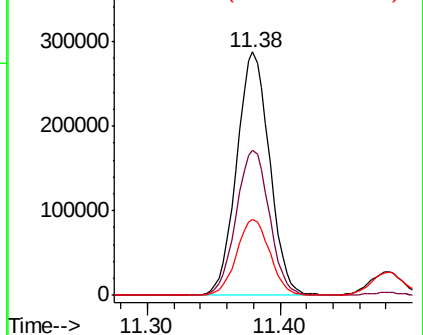
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tot Ion:117 Resp: 496084
Ion Ratio Lower Upper
117 100
82 59.8 49.2 73.8
119 31.3 26.2 39.4

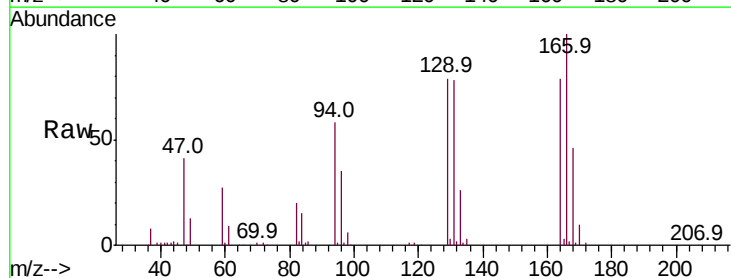


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

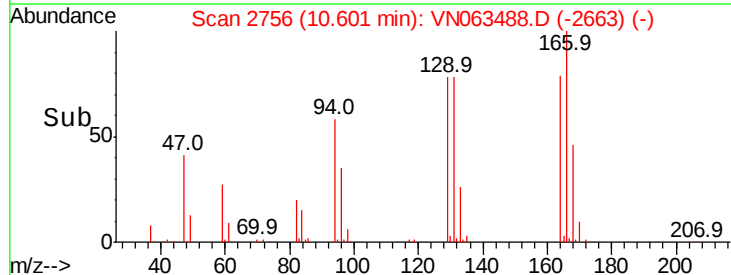
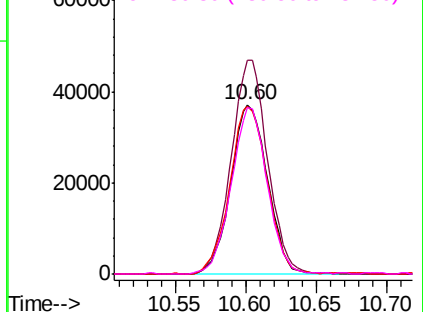


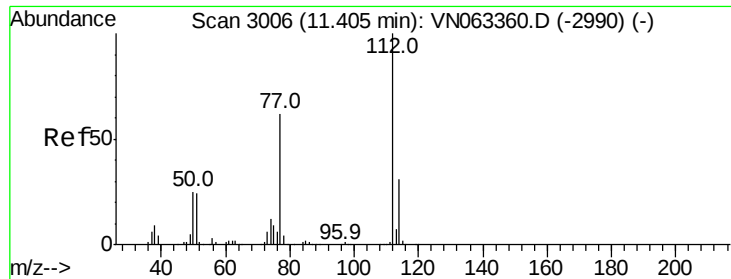
#64
Tetrachloroethene
Concen: 20.026 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion:164 Resp: 67647
Ion Ratio Lower Upper
164 100
166 126.1 103.4 155.0
129 99.4 81.8 122.6
131 98.1 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

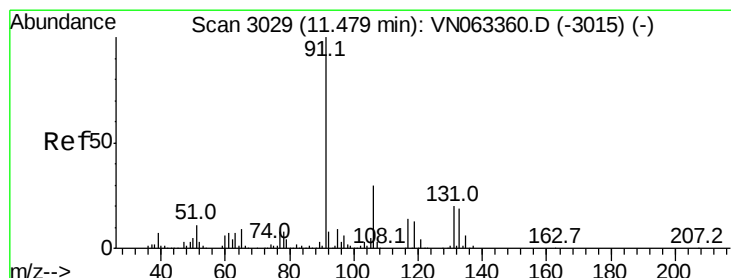
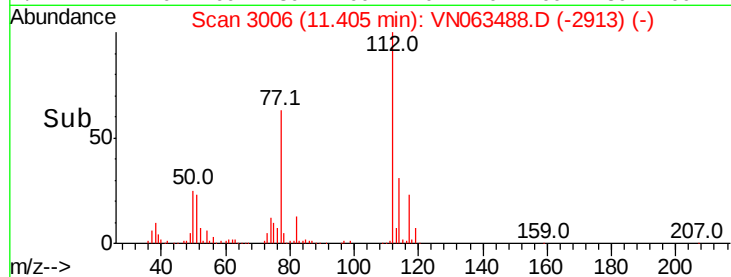
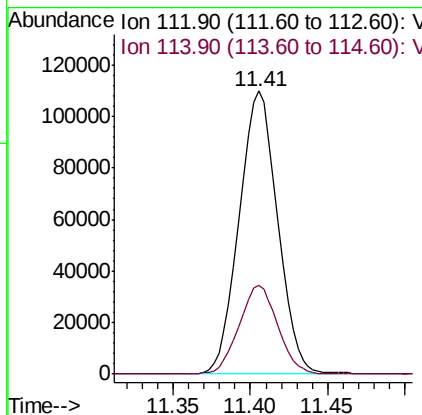
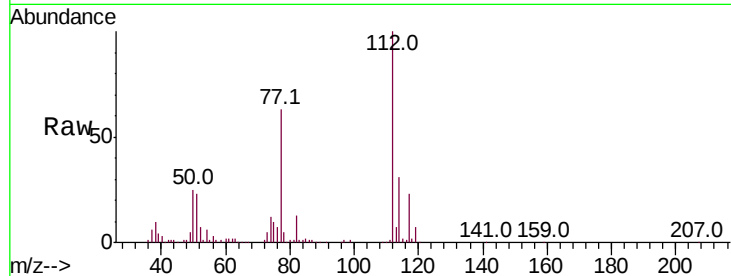




#65
Chlorobenzene
Concen: 18.064 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

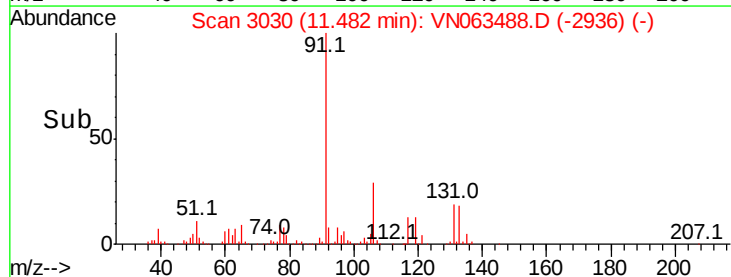
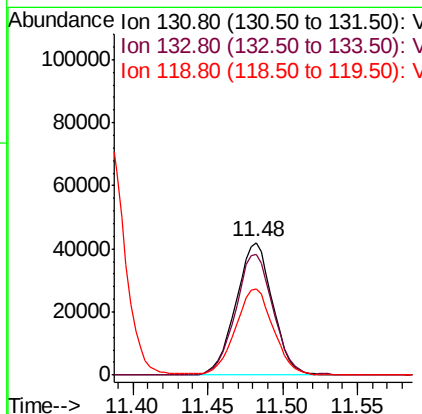
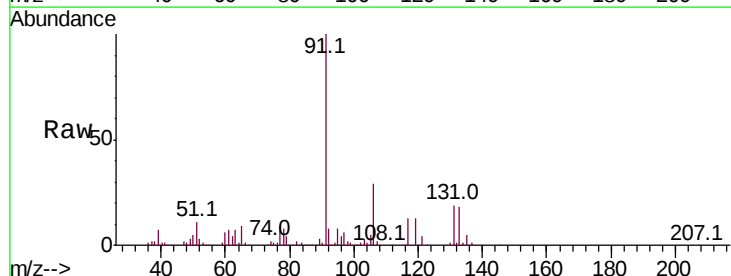
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

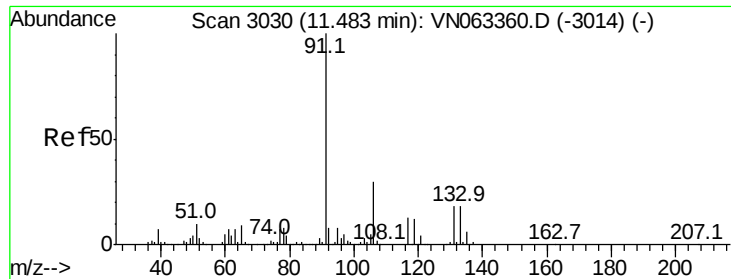
Tot Ion:112 Resp: 190218
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.632 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion:131 Resp: 71920
Ion Ratio Lower Upper
131 100
133 92.9 47.3 141.9
119 67.2 33.6 100.8

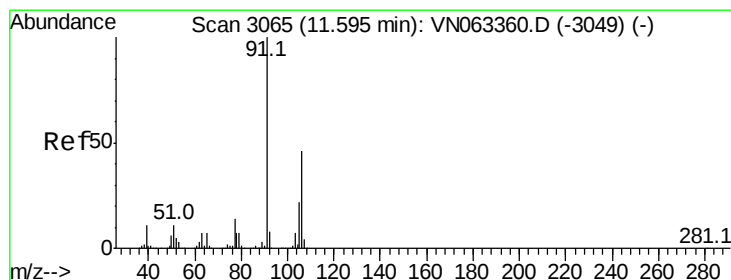
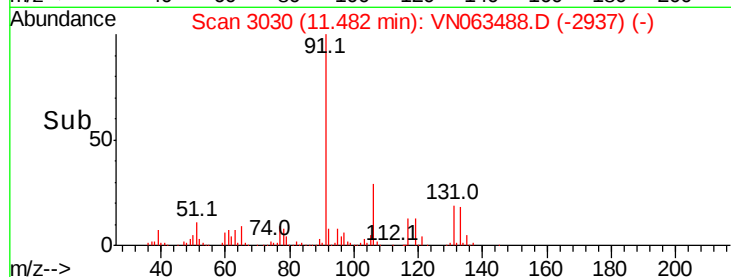
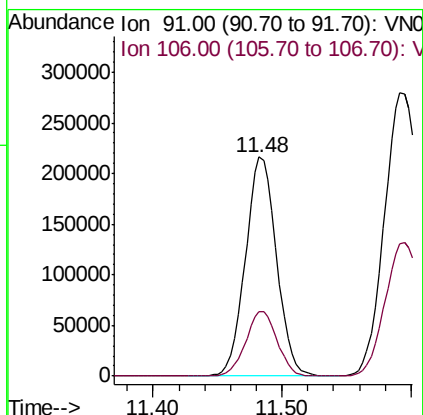
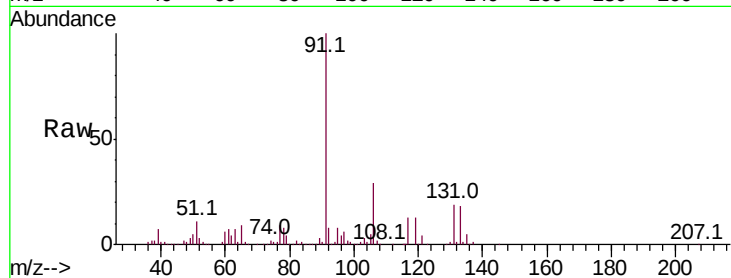




#67
Ethyl Benzene
Concen: 18.302 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

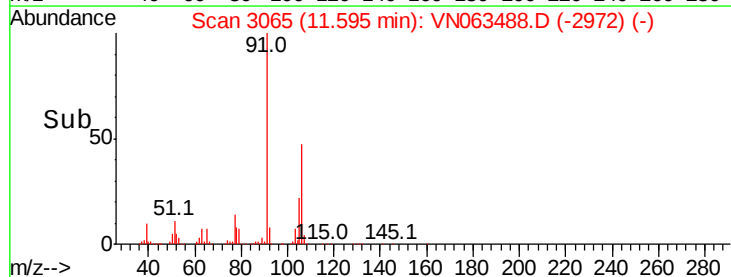
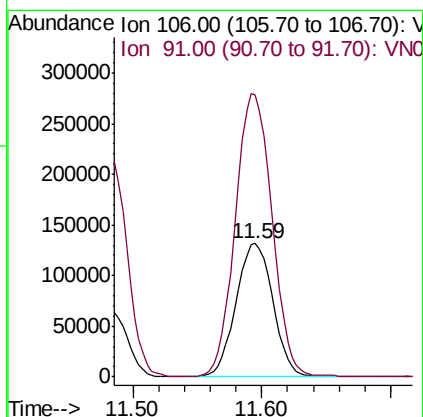
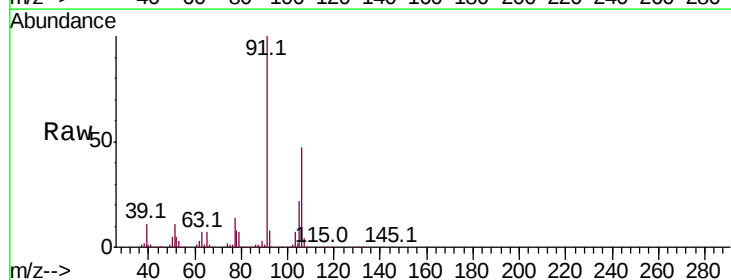
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

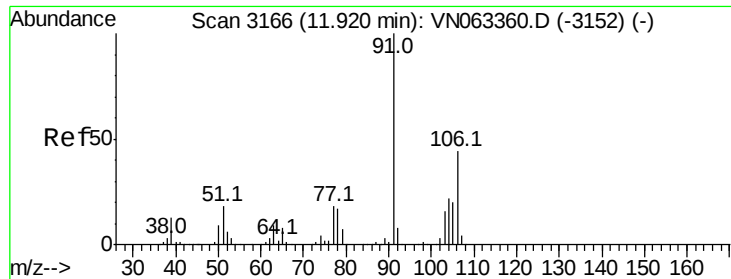
Tot Ion: 91 Resp: 362937
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 36.529 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion: 106 Resp: 261187
Ion Ratio Lower Upper
106 100
91 211.1 171.2 256.8

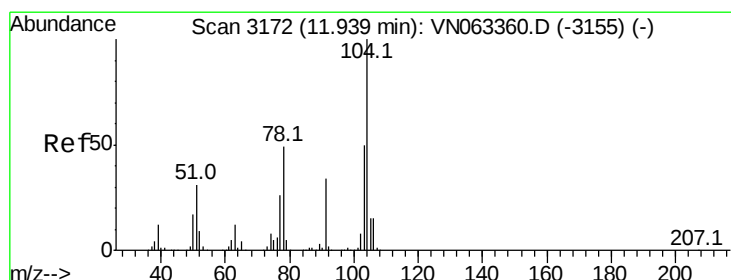
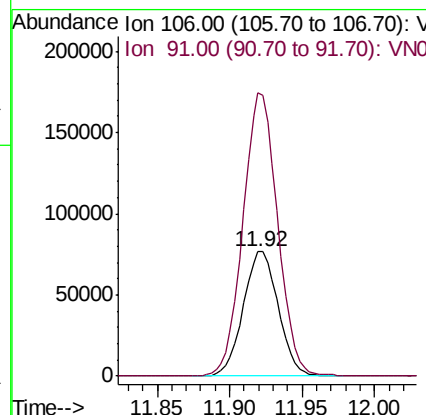
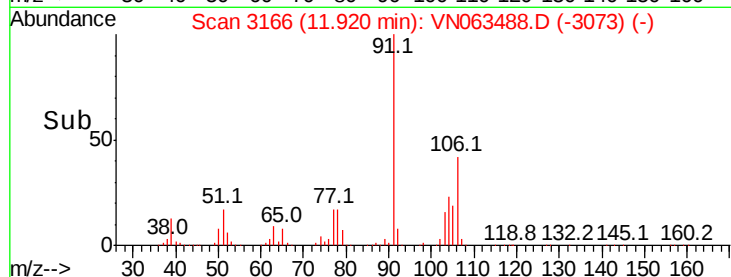
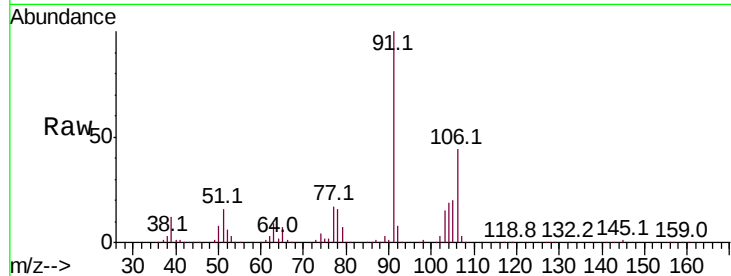




#69
o-Xylene
Concen: 18.986 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

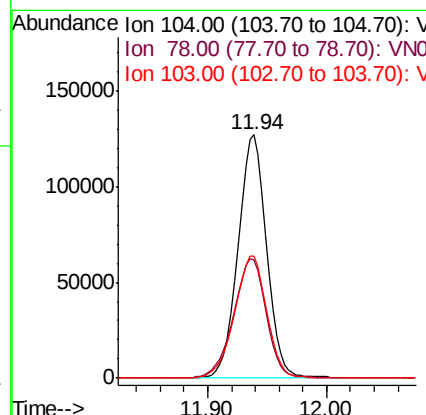
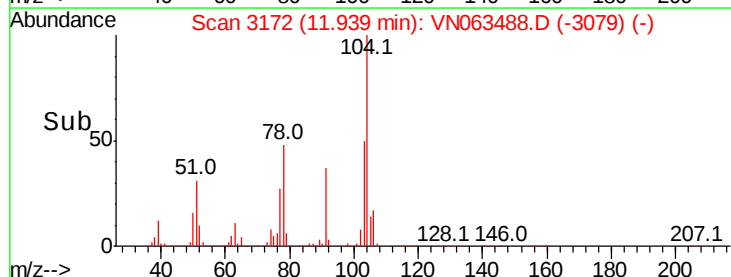
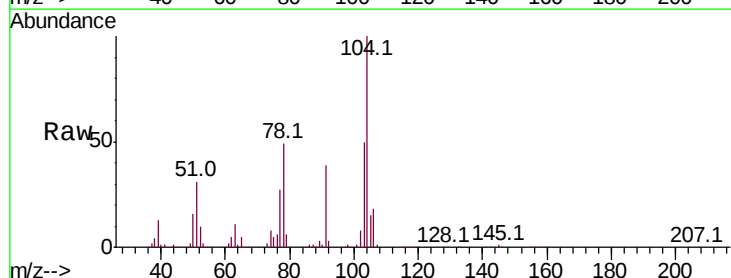
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

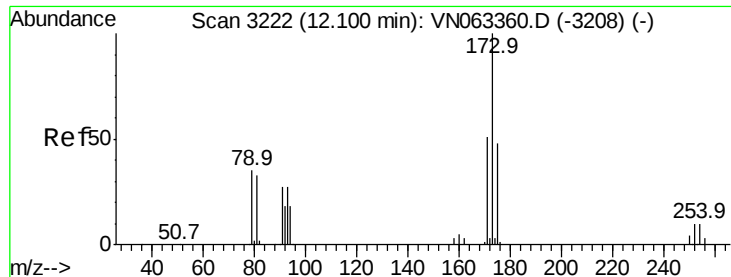
Tot Ion:106 Resp: 129320
Ion Ratio Lower Upper
106 100
91 224.4 113.6 340.8



#70
Styrene
Concen: 18.511 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion:104 Resp: 211436
Ion Ratio Lower Upper
104 100
78 56.3 44.4 66.6
103 56.4 43.7 65.5





#71

Bromoform

Concen: 16.877 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

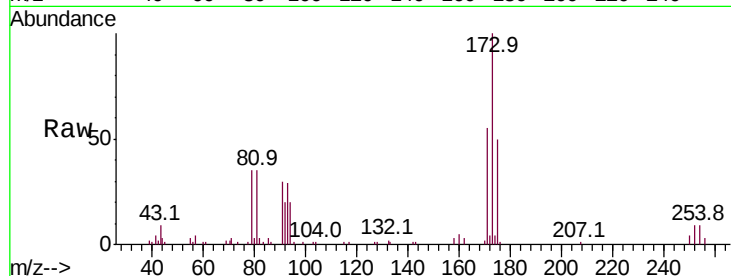
Tot Ion:173 Resp: 48532

Ion Ratio Lower Upper

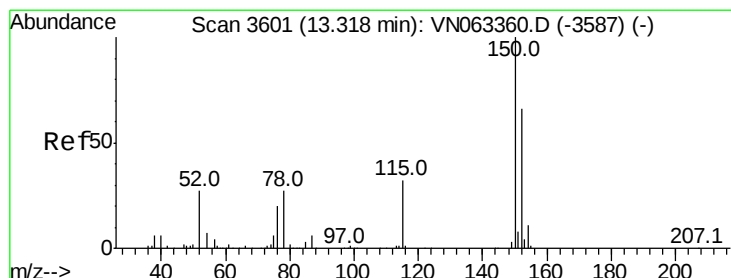
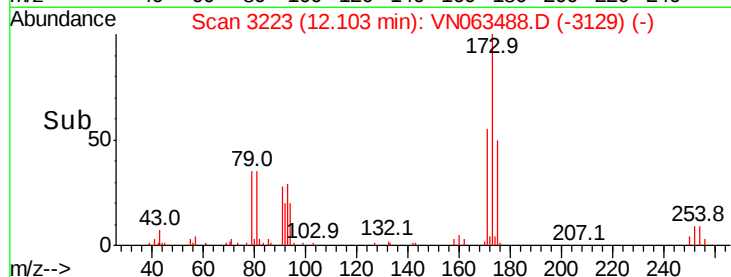
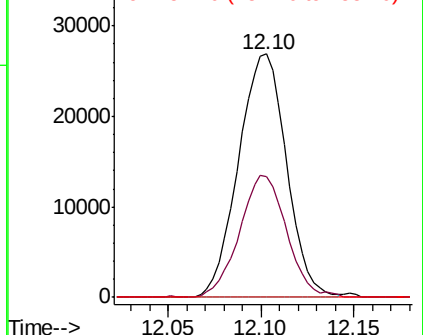
173 100

175 49.3 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: VN063488.D

Acq: 21 Sep 2020 16:09

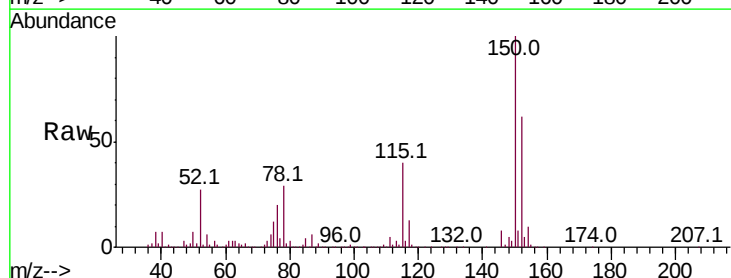
Tgt Ion:152 Resp: 227145

Ion Ratio Lower Upper

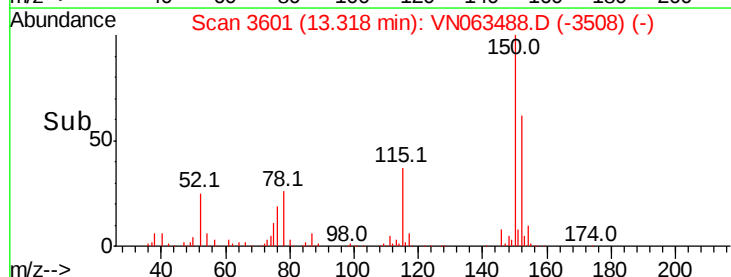
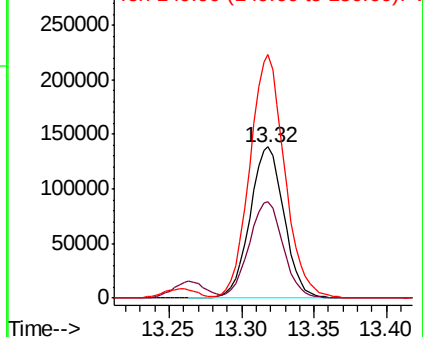
152 100

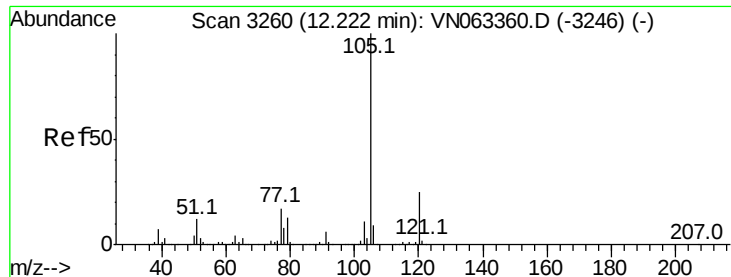
115 63.3 32.2 96.6

150 164.4 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: 18.650 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

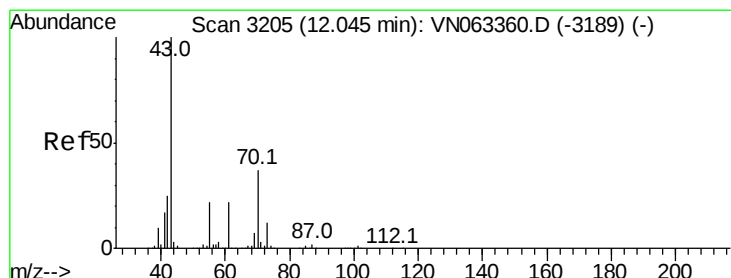
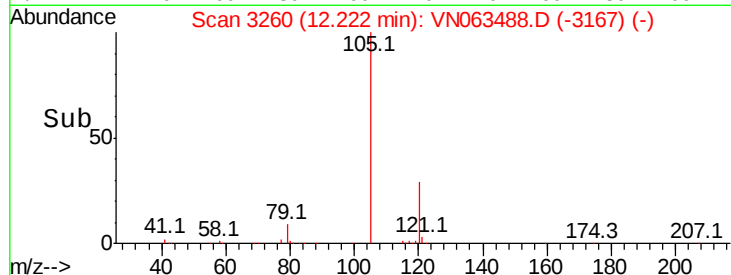
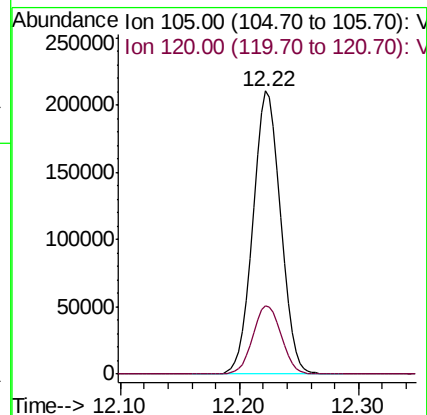
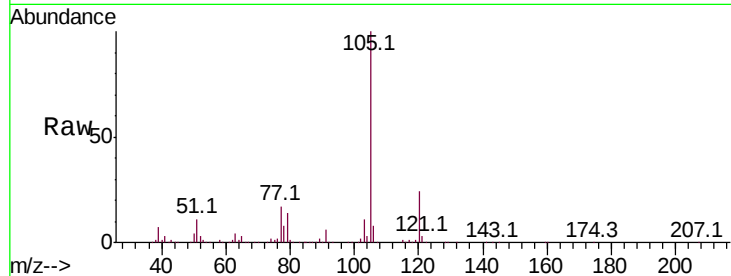
VN0921WBSD01

Tot Ion:105 Resp: 339473

Ion Ratio Lower Upper

105 100

120 24.9 12.7 38.0



#74

N-ethyl acetate

Concen: 17.496 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Tgt Ion: 43 Resp: 150755

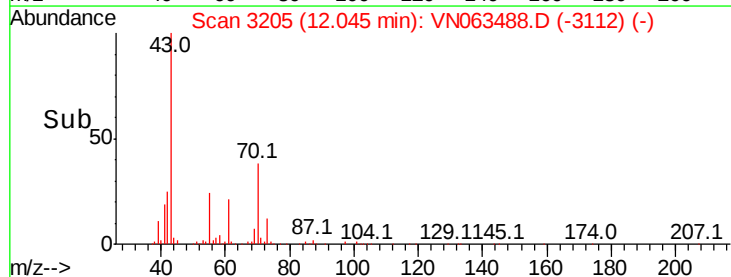
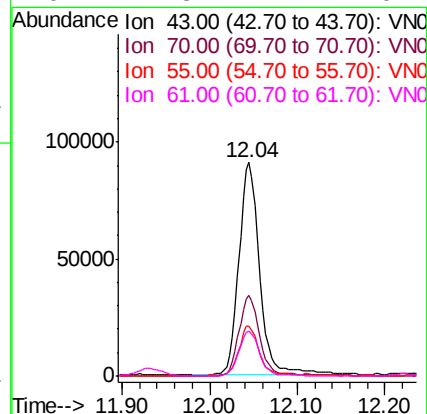
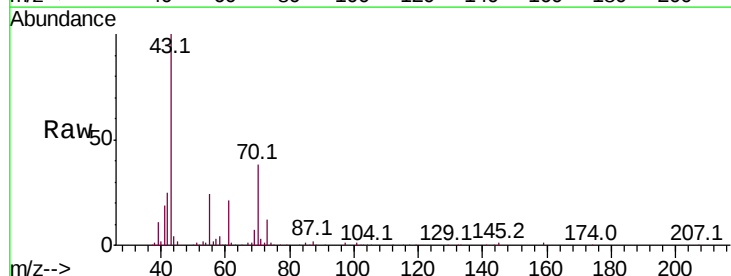
Ion Ratio Lower Upper

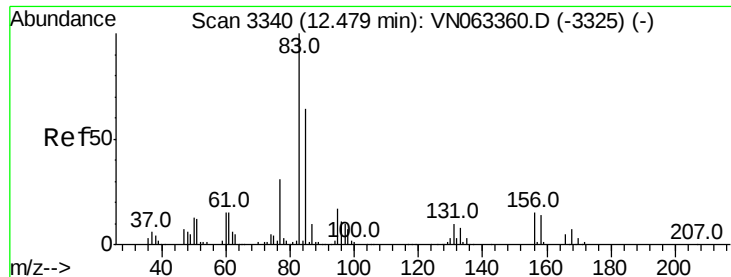
43 100

70 37.4 29.6 44.4

55 22.2 17.7 26.5

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.542 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

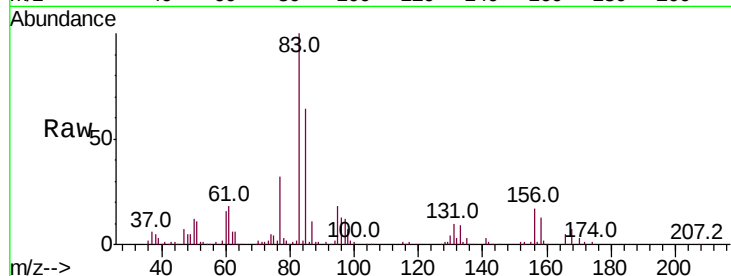
Tot Ion: 83 Resp: 98863

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

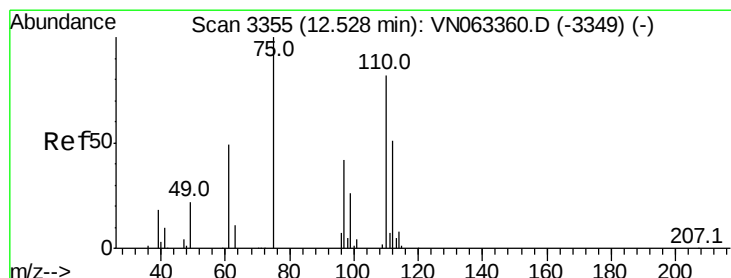
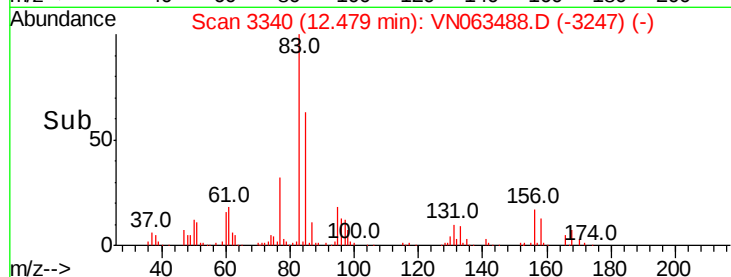
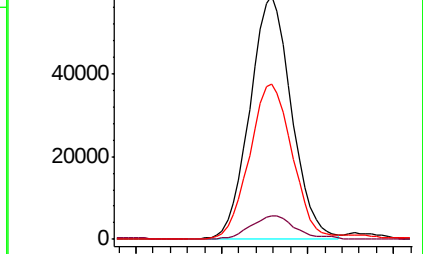
85 65.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 24.459 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063488.D

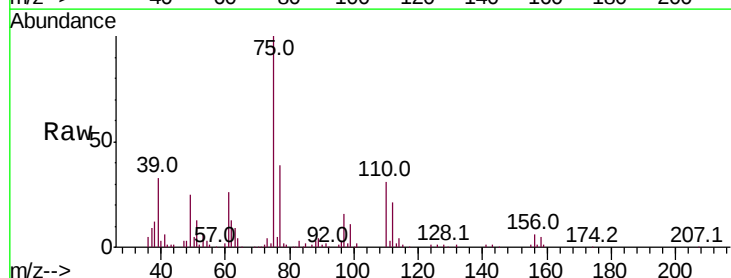
Acq: 21 Sep 2020 16:09

Tgt Ion: 75 Resp: 137511

Ion Ratio Lower Upper

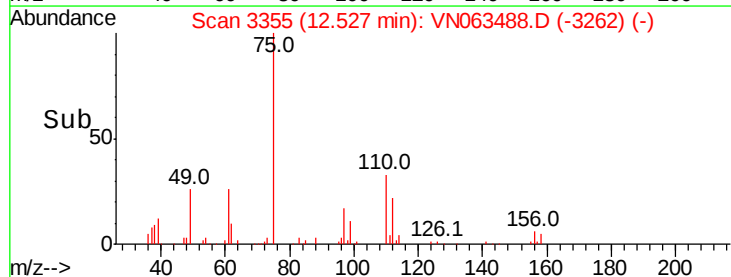
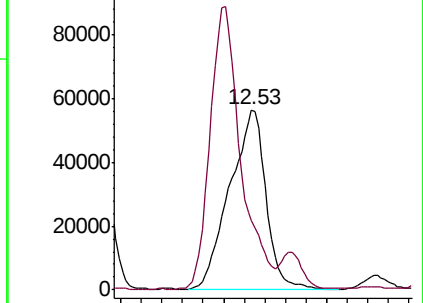
75 100

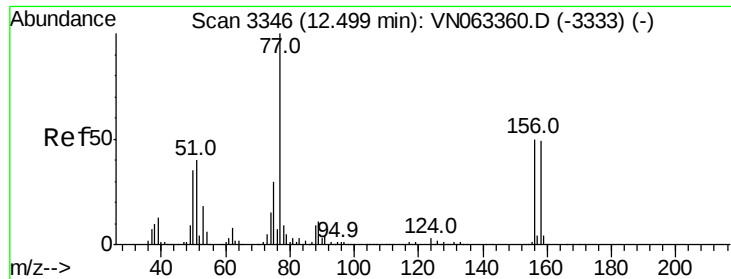
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 20.323 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

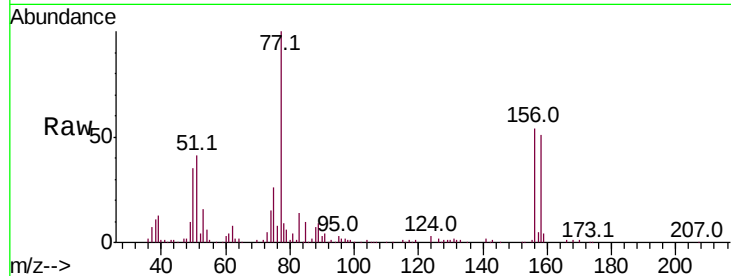
Tot Ion:156 Resp: 83212

Ion Ratio Lower Upper

156 100

77 219.9 120.2 360.6

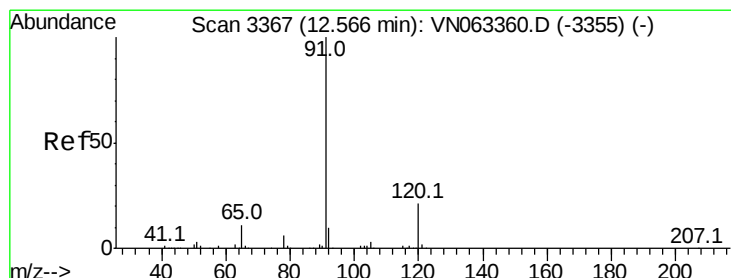
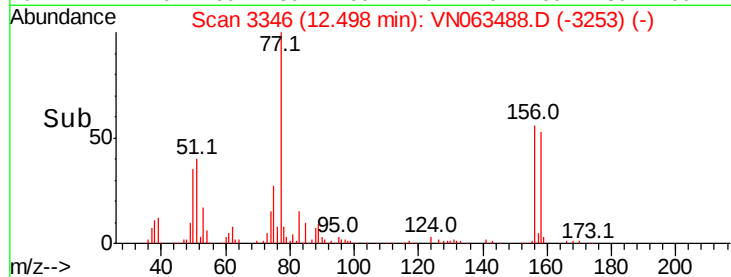
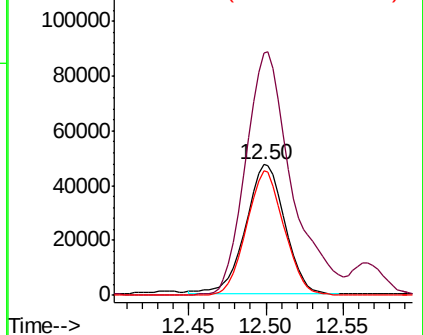
158 92.7 48.9 146.6



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: 18.575 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063488.D

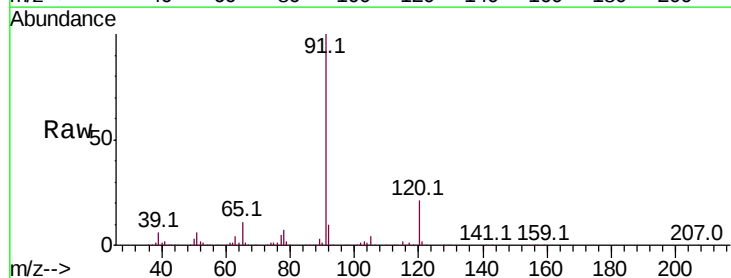
Acq: 21 Sep 2020 16:09

Tgt Ion: 91 Resp: 393786

Ion Ratio Lower Upper

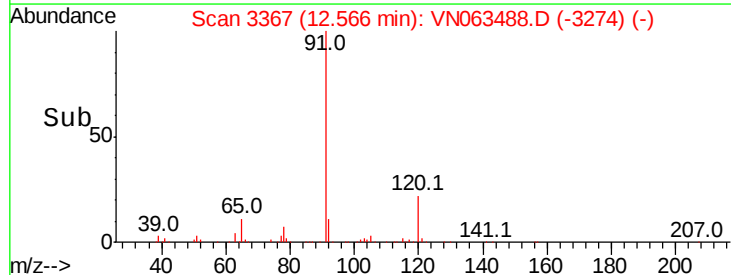
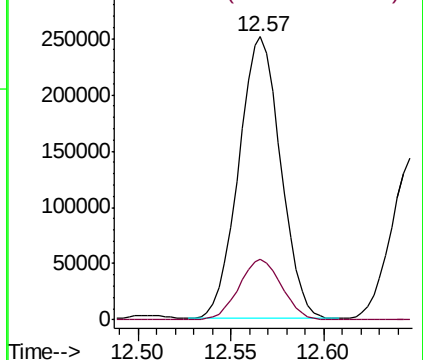
91 100

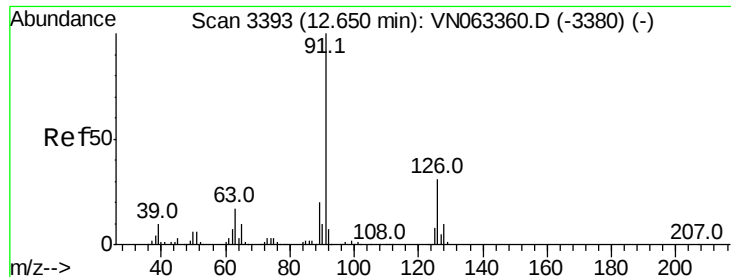
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

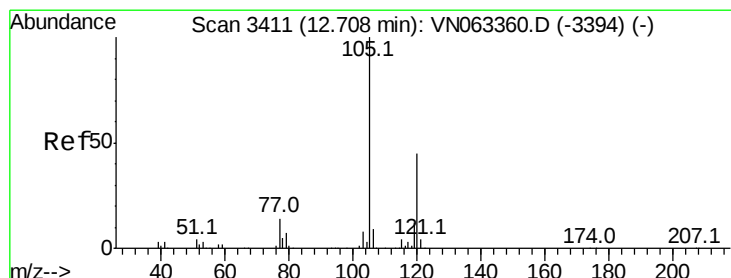
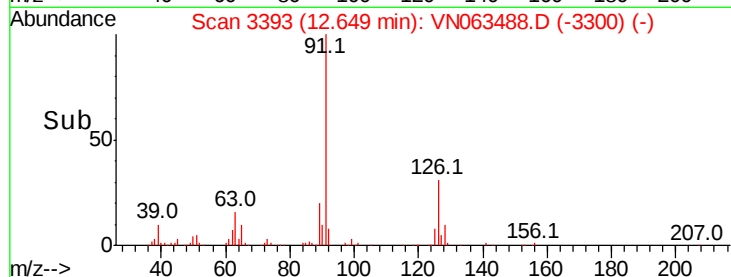
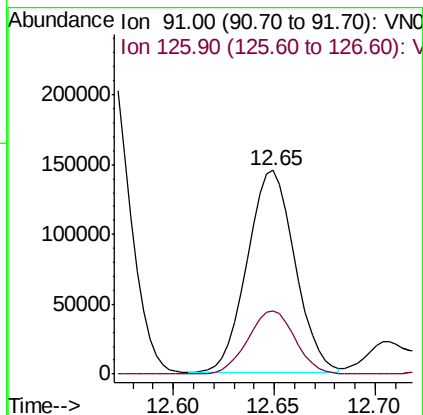
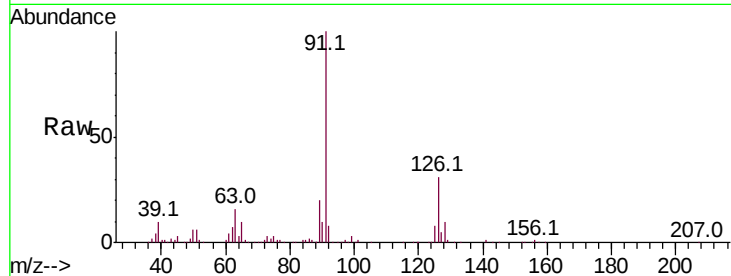




#79
 2-Chlorotoluene
 Concen: 18.936 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

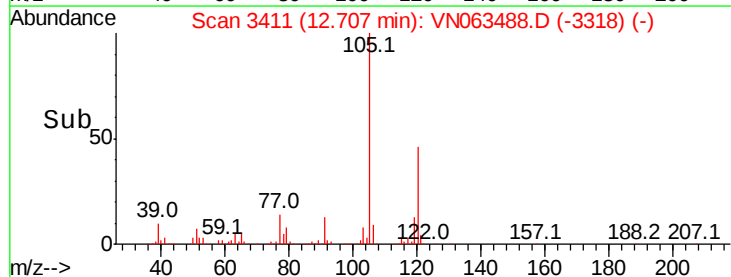
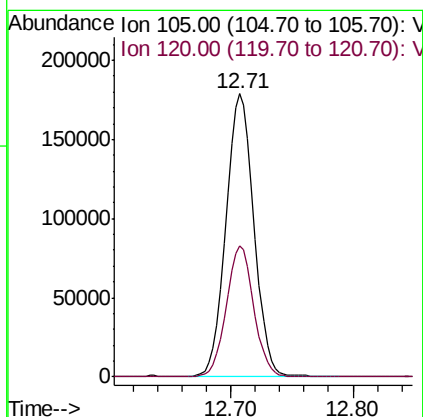
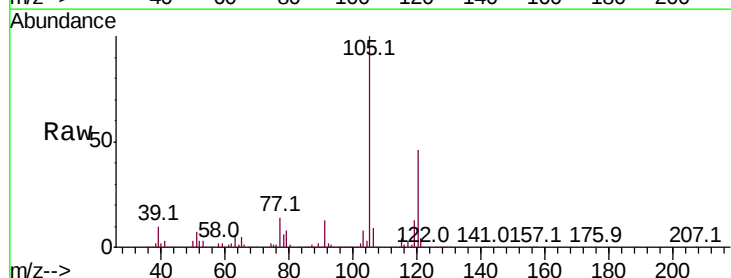
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBSD01

Tot Ion: 91 Resp: 240655
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.938 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063488.D
 Acq: 21 Sep 2020 16:09

Tgt Ion:105 Resp: 287452
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.809 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

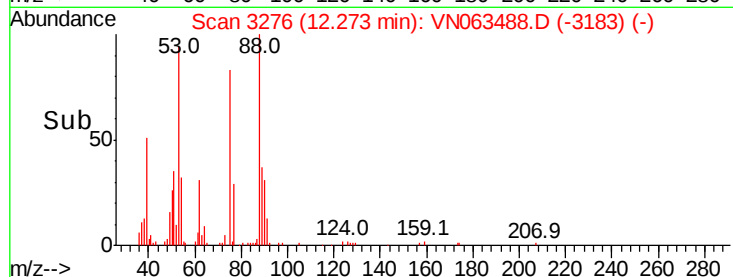
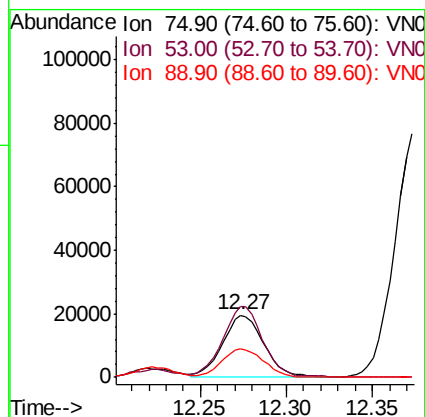
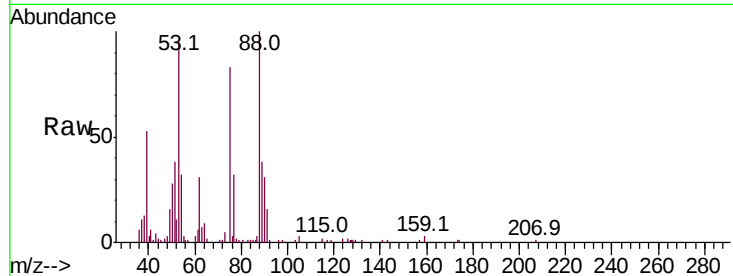
Tot Ion: 75 Resp: 32420

Ion Ratio Lower Upper

75 100

53 114.1 85.7 128.5

89 46.9 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.590 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063488.D

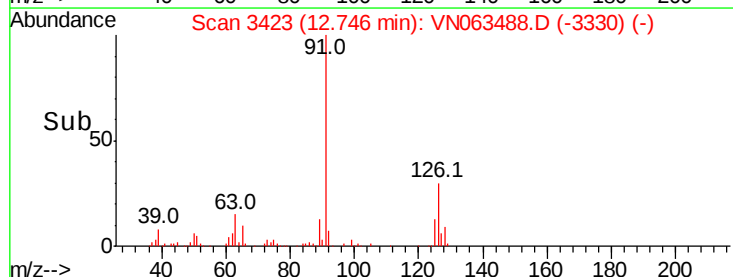
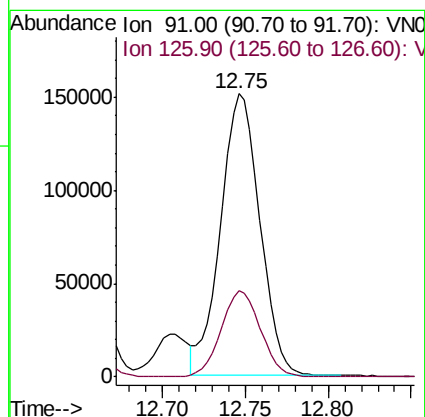
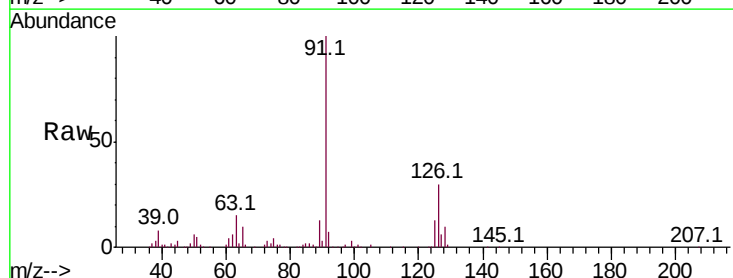
Acq: 21 Sep 2020 16:09

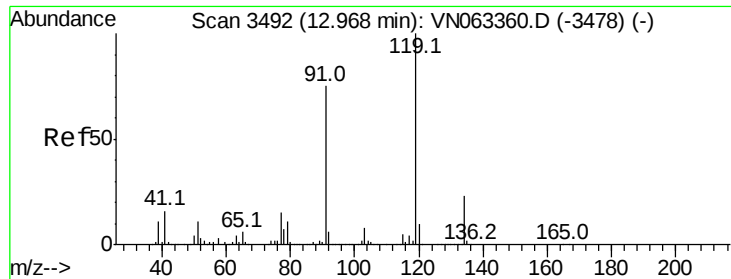
Tgt Ion: 91 Resp: 249622

Ion Ratio Lower Upper

91 100

126 30.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 19.098 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN0921WBSD01

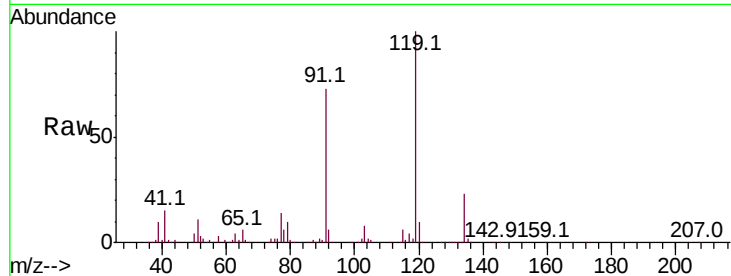
Tot Ion:119 Resp: 239239

Ion Ratio Lower Upper

119 100

91 71.3 36.3 108.9

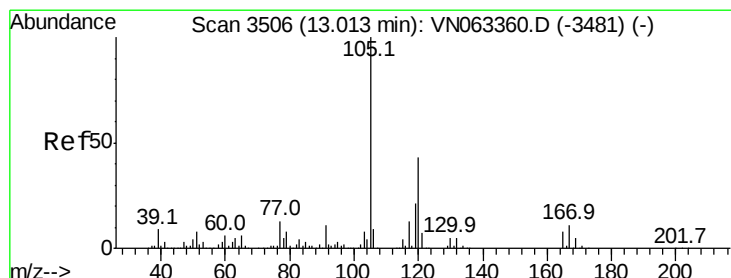
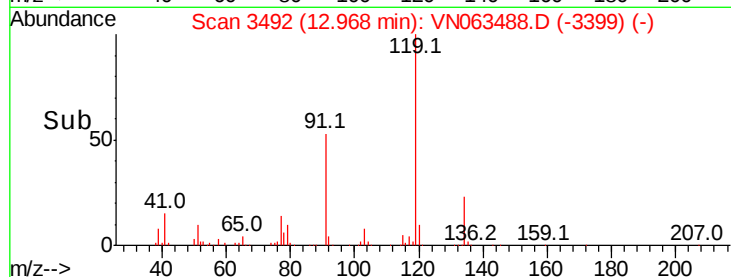
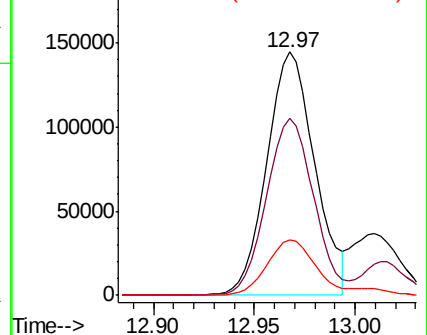
134 23.0 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.033 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063488.D

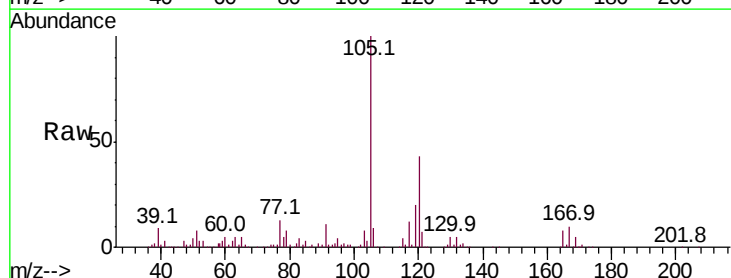
Acq: 21 Sep 2020 16:09

Tgt Ion:105 Resp: 291803

Ion Ratio Lower Upper

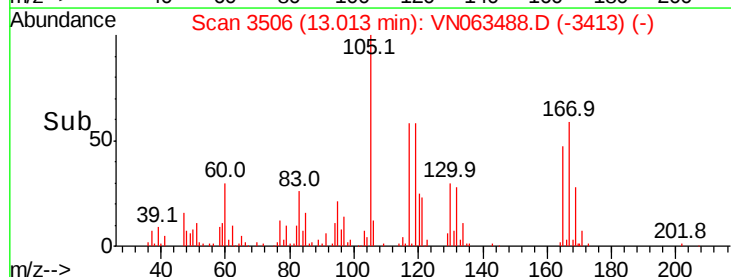
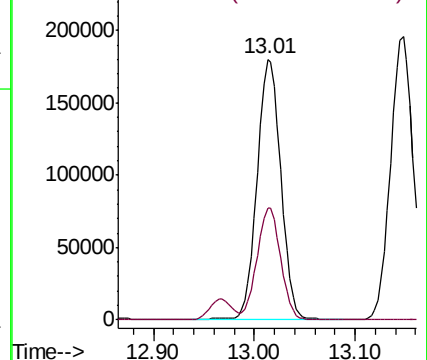
105 100

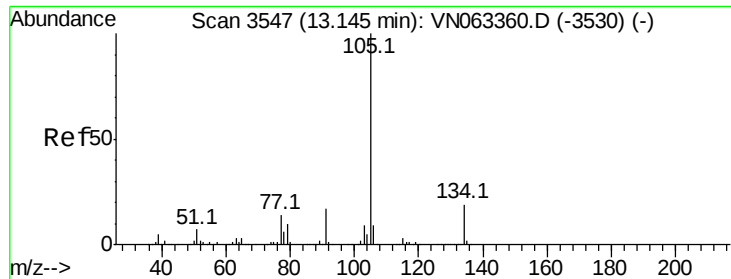
120 42.3 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.575 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

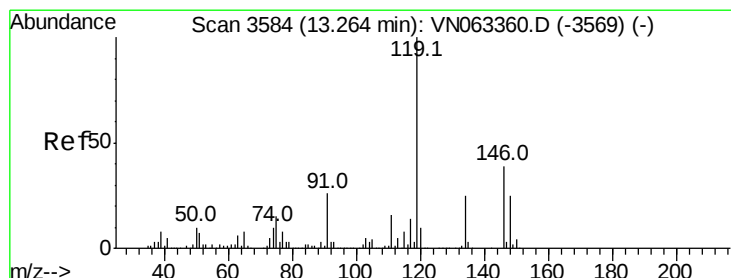
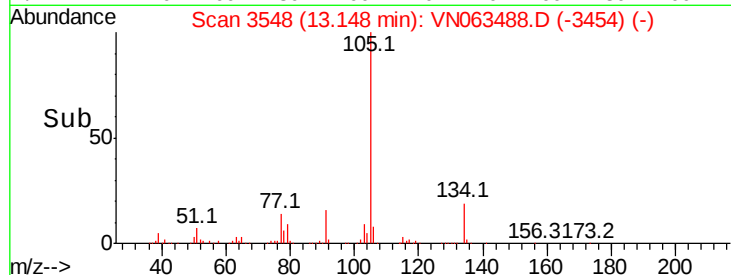
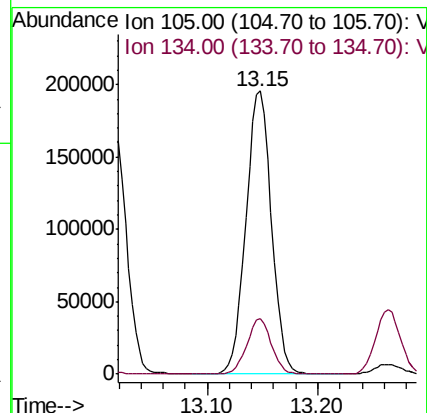
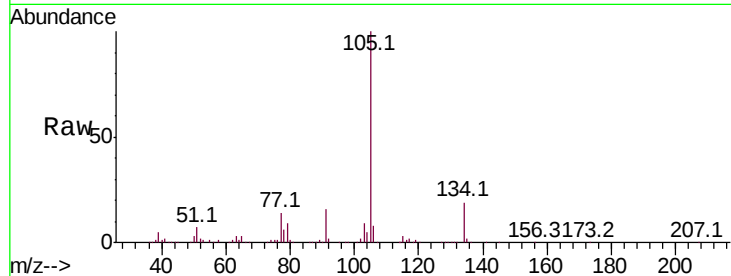
VN0921WBSD01

Tot Ion:105 Resp: 311474

Ion Ratio Lower Upper

105 100

134 18.8 9.3 27.7



#86

p-Isopropyltoluene

Concen: 18.808 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

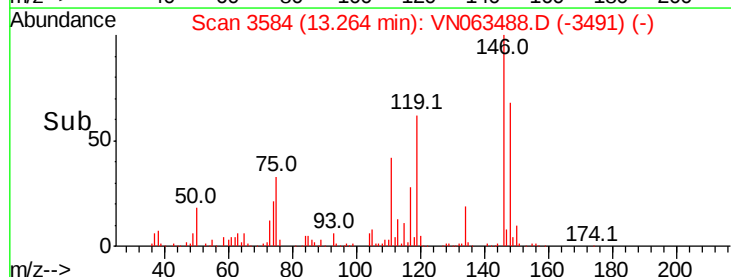
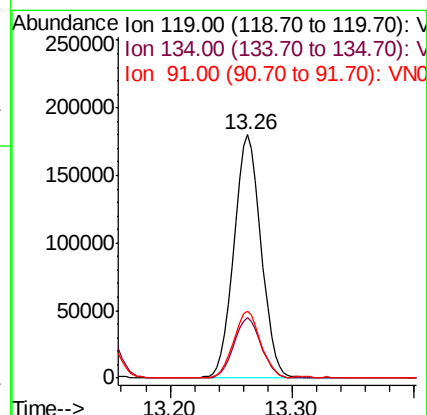
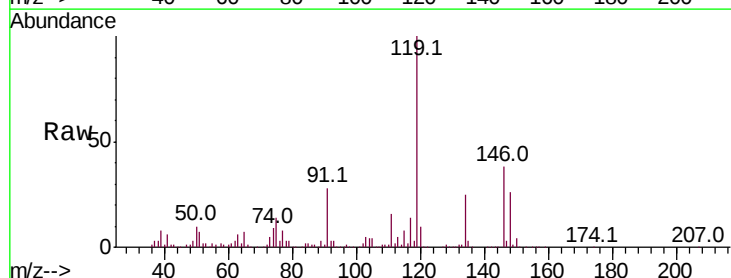
Tgt Ion:119 Resp: 278176

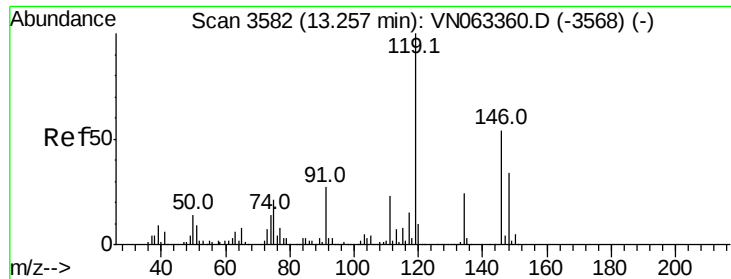
Ion Ratio Lower Upper

119 100

134 25.2 12.5 37.5

91 27.4 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 18.408 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

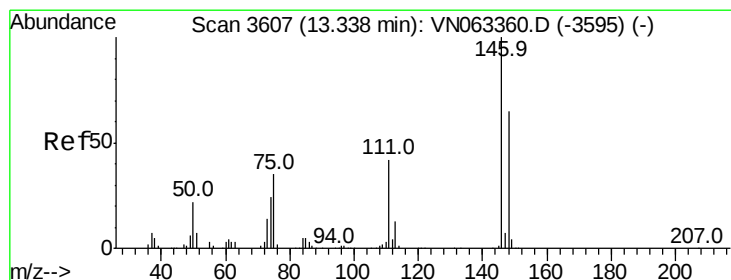
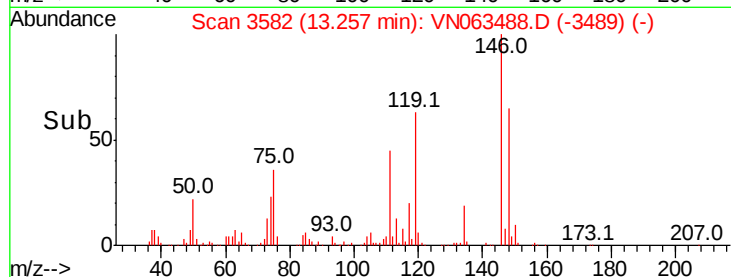
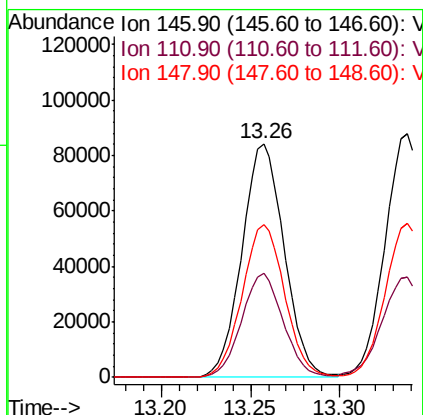
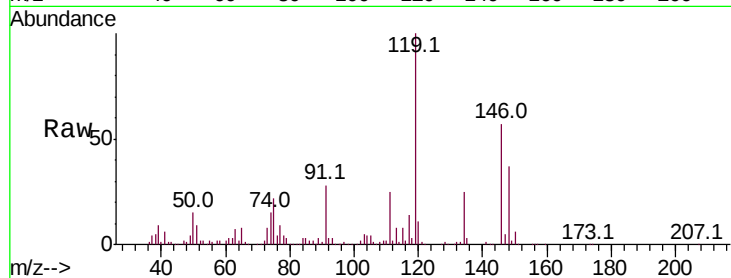
Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tot Ion:146 Resp: 139695

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.3
148	65.8	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.760 ug/l

RT: 13.34 min Scan# 3607

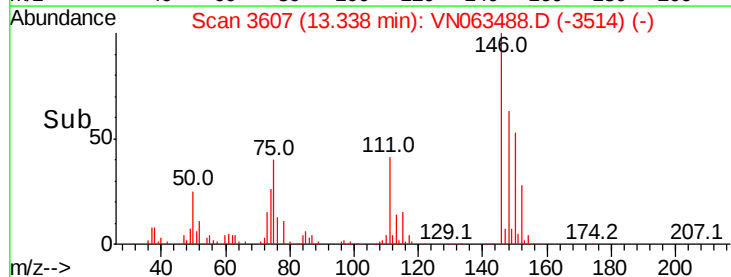
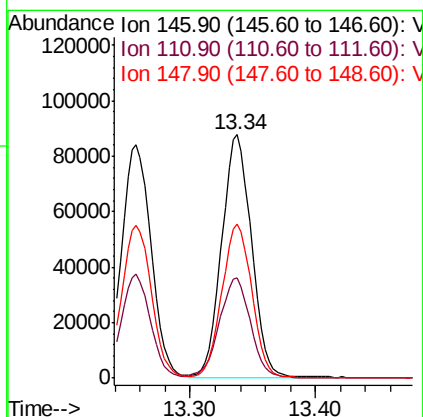
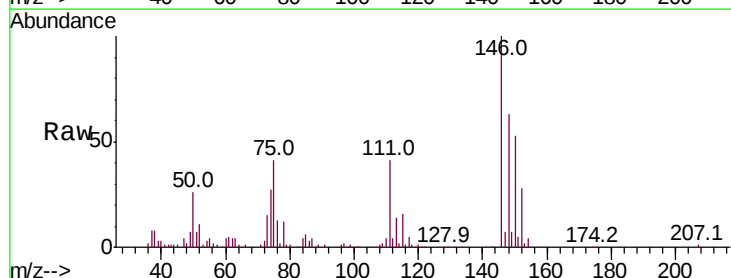
Delta R.T. -0.00 min

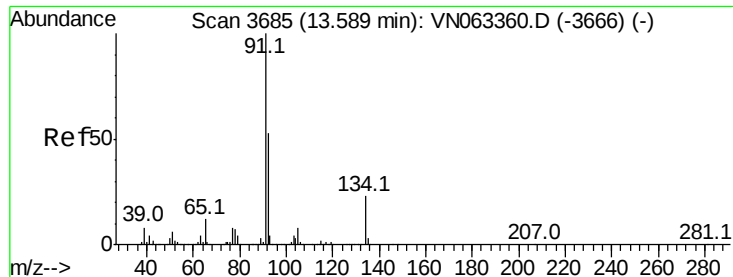
Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Tgt Ion:146 Resp: 144745

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.2	63.6
148	63.4	31.9	95.9

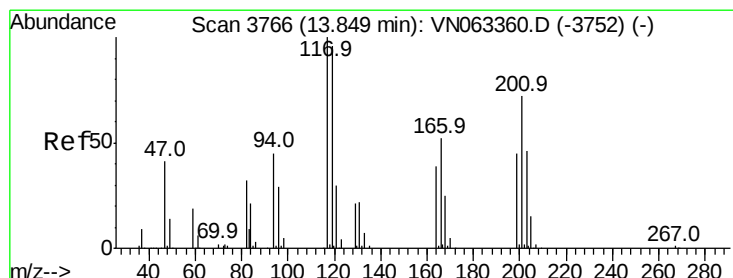
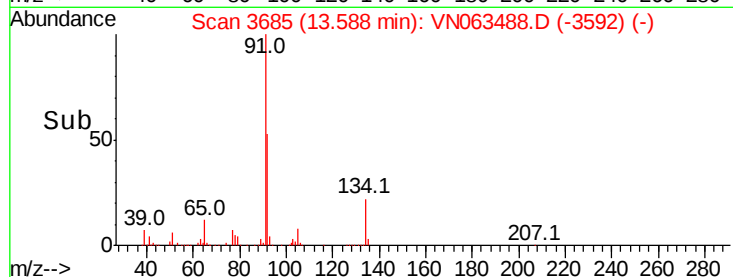
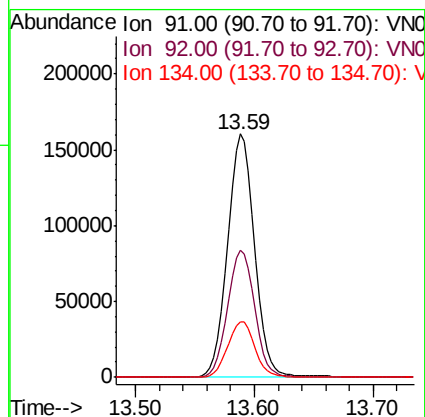
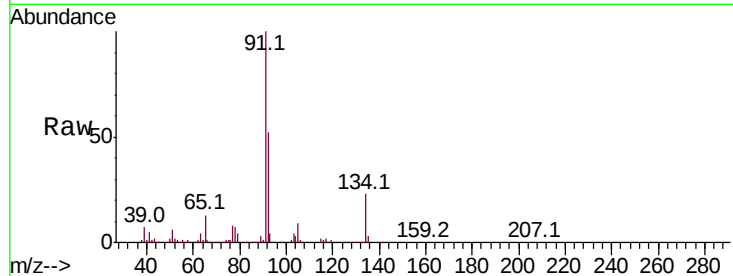




#89
n-Butylbenzene
Concen: 18.436 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

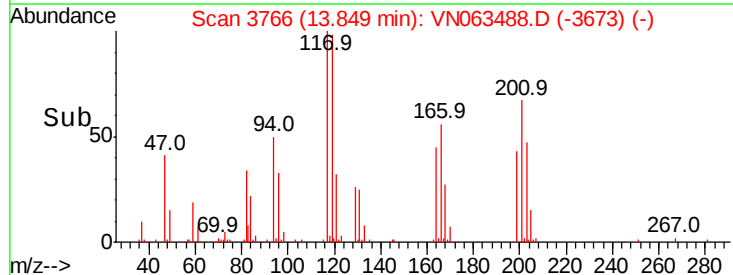
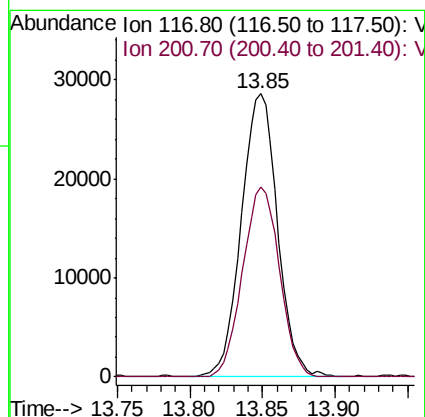
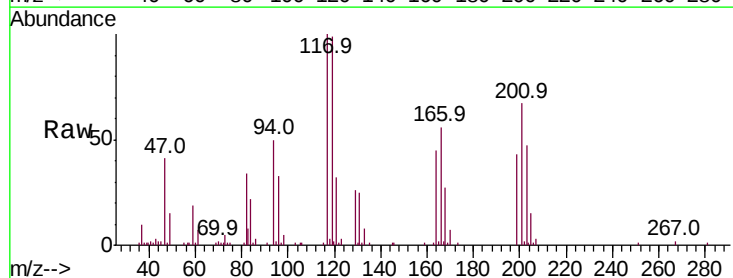
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.0	78.0
134	23.1	11.7	35.0



#90
Hexachloroethane
Concen: 17.619 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063488.D
Acq: 21 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.1	35.5	106.7





#91

1,2-Dichlorobenzene

Concen: 18.543 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN0921WBSD01

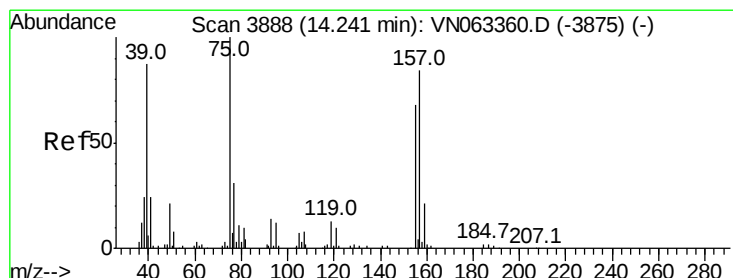
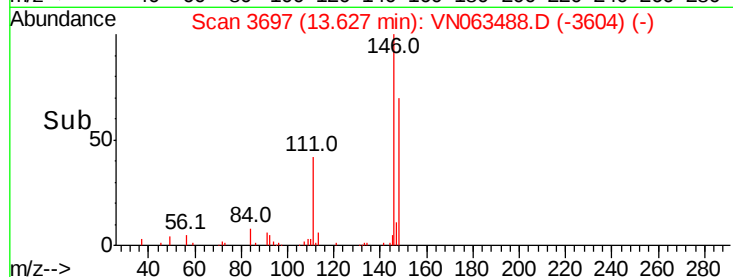
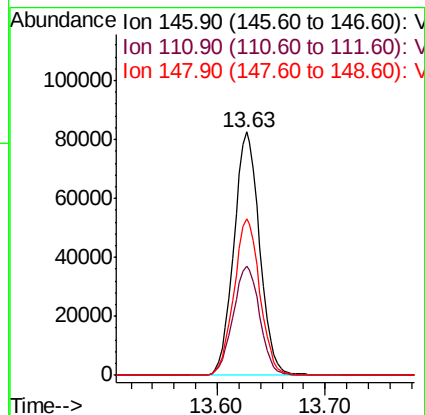
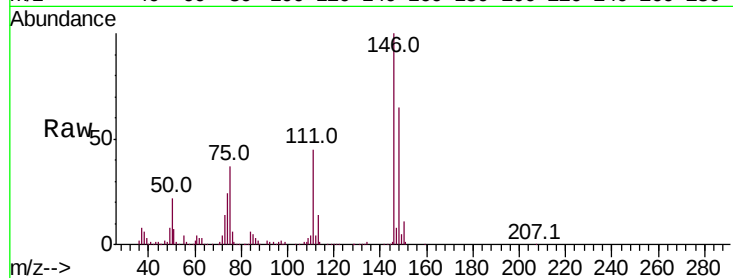
Tot Ion:146 Resp: 138161

Ion Ratio Lower Upper

146 100

111 46.3 22.4 67.2

148 64.5 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.401 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

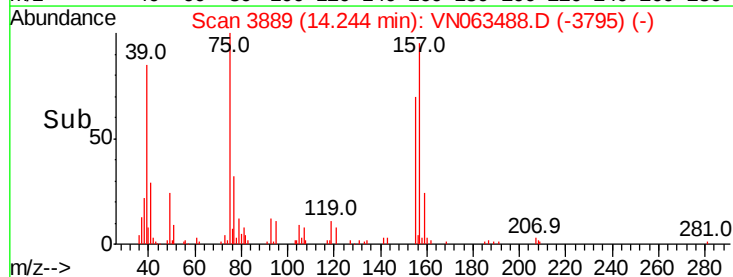
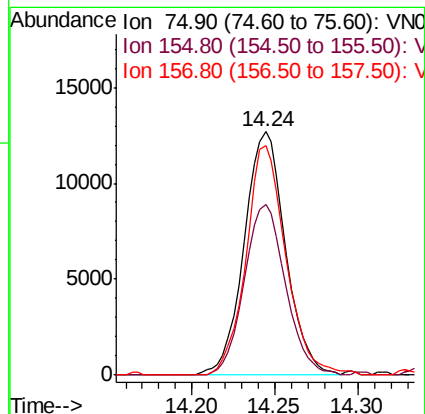
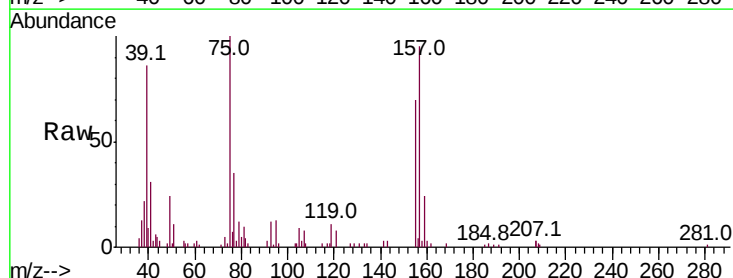
Tgt Ion: 75 Resp: 22011

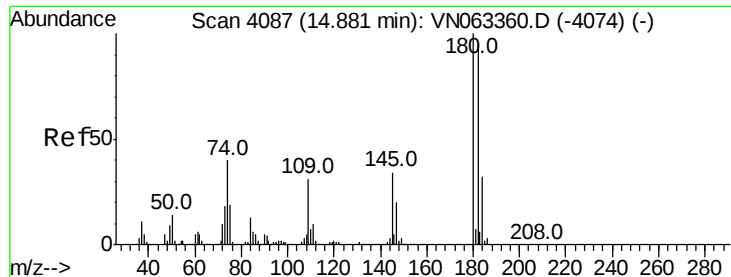
Ion Ratio Lower Upper

75 100

155 70.0 34.6 103.9

157 91.2 43.7 131.1





#93

1,2,4-Trichlorobenzene

Concen: 18.070 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

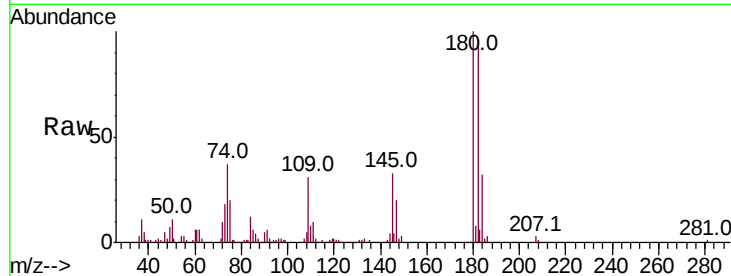
Tot Ion:180 Resp: 79373

Ion Ratio Lower Upper

180 100

182 97.0 47.3 142.0

145 32.9 16.6 49.7

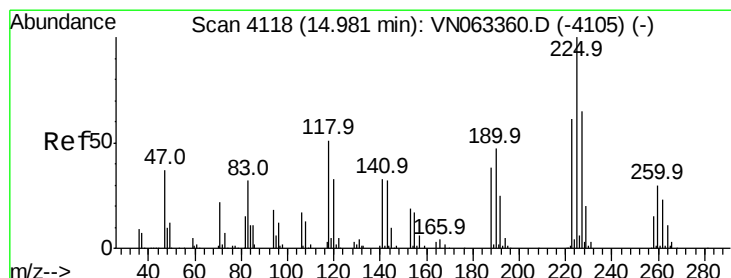
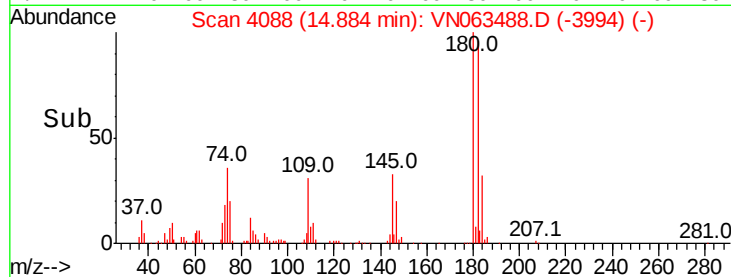
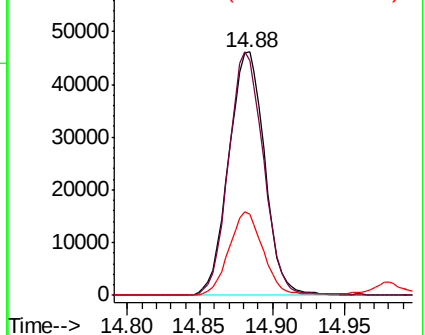


Abundance

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: 19.302 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

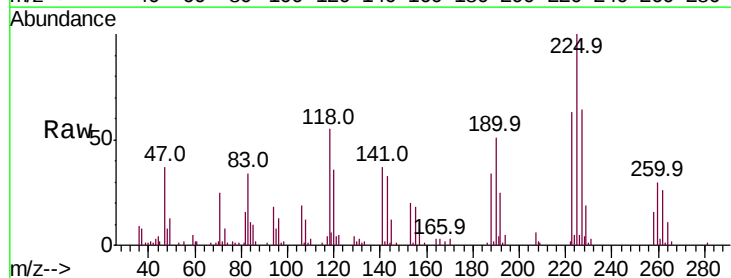
Tgt Ion:225 Resp: 35099

Ion Ratio Lower Upper

225 100

223 64.0 30.6 91.6

227 65.3 31.2 93.6

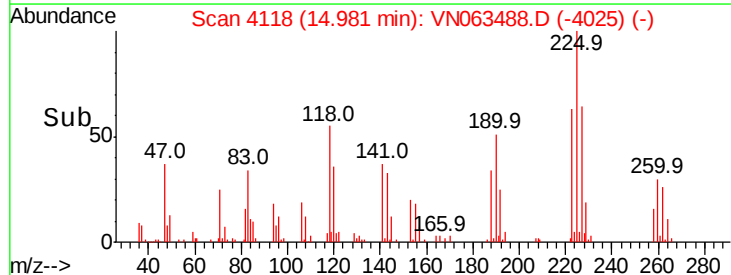
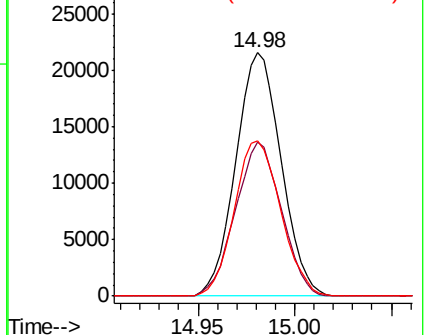


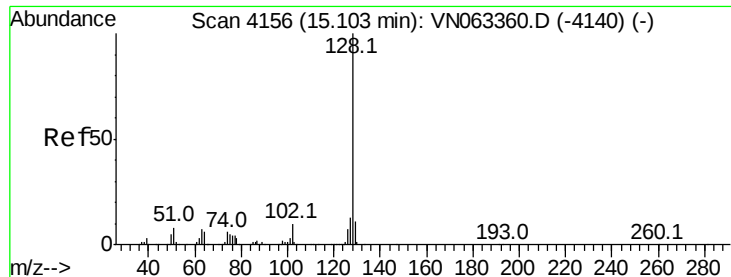
Abundance

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: 17.569 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

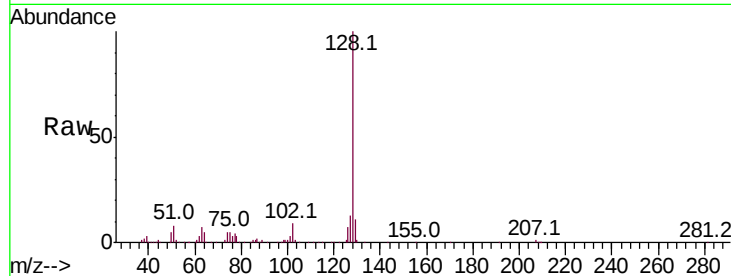
Tot Ion:128 Resp: 254955

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

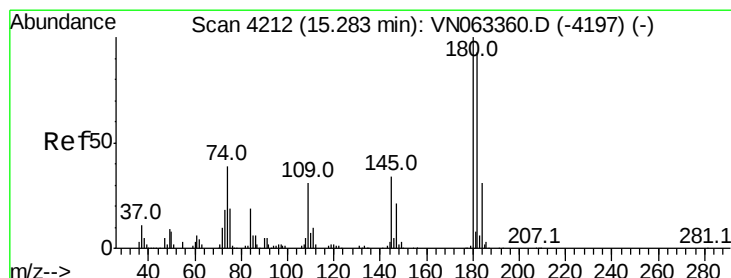
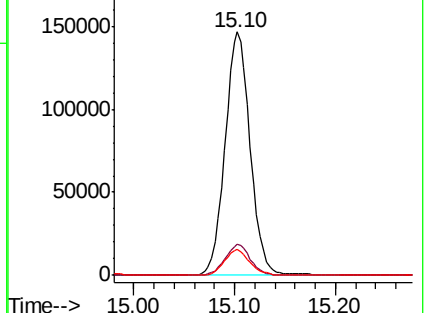
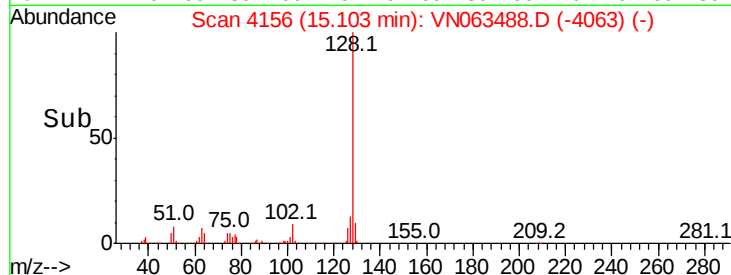
129 10.8 8.8 13.2



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: 17.431 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063488.D

Acq: 21 Sep 2020 16:09

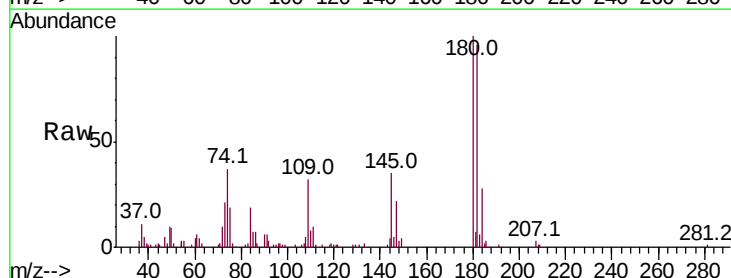
Tgt Ion:180 Resp: 73978

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 35.2 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

