

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063478.D
 Acq On : 21 Sep 2020 12:06
 Operator : JC/MD
 Sample : VN0921WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Quant Time: Sep 22 02:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	287758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	488950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	241214	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.55	113	167279	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.06	98	646540	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.38	95	246382	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59077	18.122	ug/l	99
3) Chloromethane	2.04	50	67915	15.748	ug/l	96
4) Vinyl Chloride	2.16	62	67654	17.706	ug/l	98
5) Bromomethane	2.53	94	46468	20.483	ug/l	97
6) Chloroethane	2.67	64	40675	17.342	ug/l	99
7) Trichlorofluoromethane	2.98	101	108308	18.999	ug/l	99
8) Diethyl Ether	3.37	74	40899	18.404	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	60828	18.973	ug/l	97
10) Methyl Iodide	3.91	142	72123	17.279	ug/l	98
11) Tert butyl alcohol	4.72	59	63768	93.970	ug/l	100
12) 1,1-Dichloroethene	3.69	96	57767	17.789	ug/l	97
13) Acrolein	3.57	56	21201	84.305	ug/l	95
14) Allyl chloride	4.28	41	111210	17.314	ug/l	99
15) Acrylonitrile	4.93	53	155233	89.931	ug/l	98
16) Acetone	3.77	43	137979	87.647	ug/l	97
17) Carbon Disulfide	4.01	76	160927	17.037	ug/l	99
18) Methyl Acetate	4.28	43	75756	18.956	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	211673	17.489	ug/l	100
20) Methylene Chloride	4.50	84	69745	17.486	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	62201	17.289	ug/l	99
22) Diisopropyl ether	5.90	45	228645	17.454	ug/l	99
23) Vinyl Acetate	5.84	43	949998	88.300	ug/l	99
24) 1,1-Dichloroethane	5.80	63	127984	17.895	ug/l	99
25) 2-Butanone	6.78	43	215633	89.061	ug/l	98
26) 2,2-Dichloropropane	6.77	77	112390	17.848	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	74861	18.383	ug/l	100
28) Bromochloromethane	7.15	49	58313	17.658	ug/l	99
29) Tetrahydrofuran	7.16	42	143037	86.500	ug/l	98
30) Chloroform	7.33	83	130204	18.145	ug/l	99
31) Cyclohexane	7.61	56	113384	16.760	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	114232	17.899	ug/l	99
36) 1,1-Dichloropropene	7.75	75	96528	18.531	ug/l	99
37) Ethyl Acetate	6.88	43	94477	18.480	ug/l	99
38) Carbon Tetrachloride	7.73	117	97235	18.286	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101158	17.893	ug/l	97
40) Benzene	8.00	78	272078	18.297	ug/l	100
41) Methacrylonitrile	7.16	41	137150	59.646	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	110844	18.536	ug/l	99
43) Isopropyl Acetate	8.12	43	158874	17.379	ug/l	99
44) Trichloroethene	8.80	130	69484	19.266	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75538	18.652	ug/l	99
46) Dibromomethane	9.17	93	50531	18.983	ug/l	98
47) Bromodichloromethane	9.37	83	102042	18.453	ug/l	99
48) Methyl methacrylate	9.16	41	78960	17.580	ug/l	97
49) 1,4-Dioxane	9.17	88	27185	421.777	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	472779	92.379	ug/l	100
52) Toluene	10.12	92	170102	19.026	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113181	18.333	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	118201	18.152	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67472	19.000	ug/l	94
56) Ethyl methacrylate	10.40	69	101631	18.333	ug/l	97
57) 1,3-Dichloropropane	10.68	76	117049	18.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	258540	88.902	ug/l	98
59) 2-Hexanone	10.72	43	344638	92.952	ug/l	98
60) Dibromochloromethane	10.87	129	74819	18.649	ug/l	99
61) 1,2-Dibromoethane	10.98	107	71067	19.263	ug/l	99
64) Tetrachloroethene	10.60	164	62921	20.726	ug/l	97
65) Chlorobenzene	11.41	112	179470	18.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	66253	19.098	ug/l	96
67) Ethyl Benzene	11.48	91	333300	18.701	ug/l	99
68) m/p-Xylenes	11.59	106	245361	38.183	ug/l	99
69) o-Xylene	11.92	106	118082	19.290	ug/l	99
70) Styrene	11.94	104	195661	19.060	ug/l	98
71) Bromoform	12.10	173	48194	18.648	ug/l #	97
73) Isopropylbenzene	12.22	105	319397	18.800	ug/l	100
74) N-amyl acetate	12.05	43	139063	17.291	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	96781	18.398	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	137423	26.188	ug/l #	100
77) Bromobenzene	12.50	156	73985	19.359	ug/l	97
78) n-propylbenzene	12.57	91	371106	18.754	ug/l	99
79) 2-Chlorotoluene	12.65	91	224264	18.906	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	272044	19.202	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	34472	18.010	ug/l	98
82) 4-Chlorotoluene	12.75	91	230465	18.388	ug/l	100
83) tert-Butylbenzene	12.97	119	223184	19.087	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	272622	19.051	ug/l	99
85) sec-Butylbenzene	13.14	105	295654	18.890	ug/l	99
86) p-Isopropyltoluene	13.26	119	265787	19.253	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	134785	19.028	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136500	18.954	ug/l	99
89) n-Butylbenzene	13.59	91	244931	19.249	ug/l	100
90) Hexachloroethane	13.85	117	47398	18.031	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	134226	19.301	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23121	18.457	ug/l	95

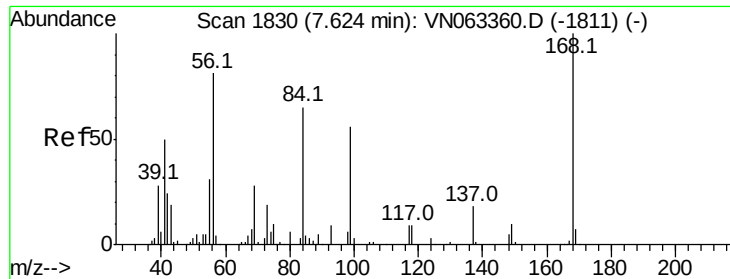
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	78898	19.244	ug/l	99
94) Hexachlorobutadiene	14.98	225	36175	21.313	ug/l	98
95) Naphthalene	15.10	128	248868	18.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	75183	18.979	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

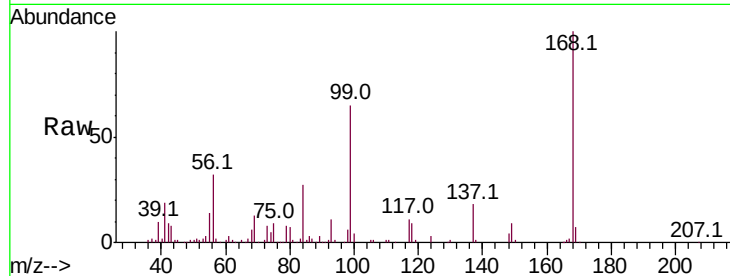
VN0921WBS01

Tot Ion:168 Resp: 287758

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): VNO

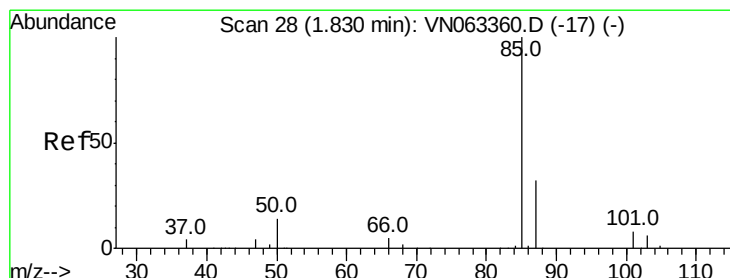
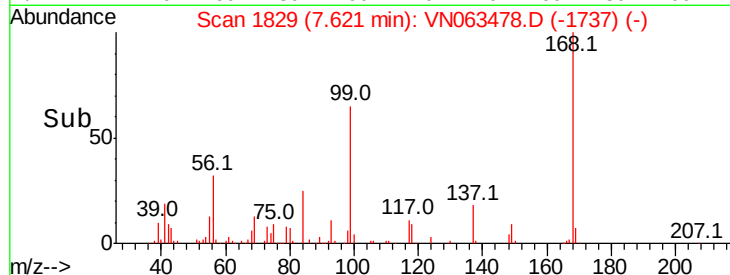
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.122 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063478.D

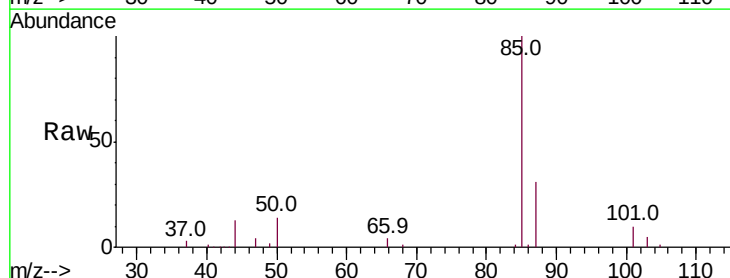
Acq: 21 Sep 2020 12:06

Tgt Ion: 85 Resp: 59077

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

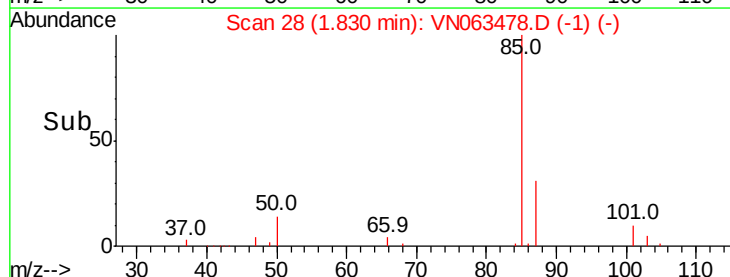
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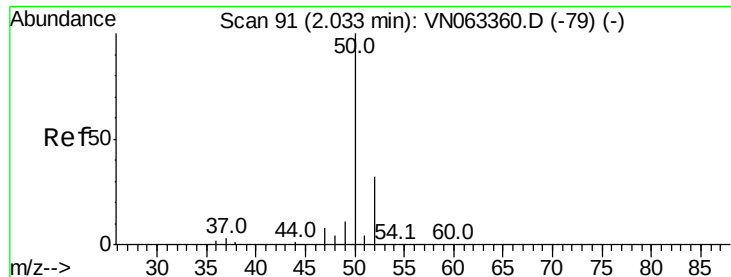
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.748 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

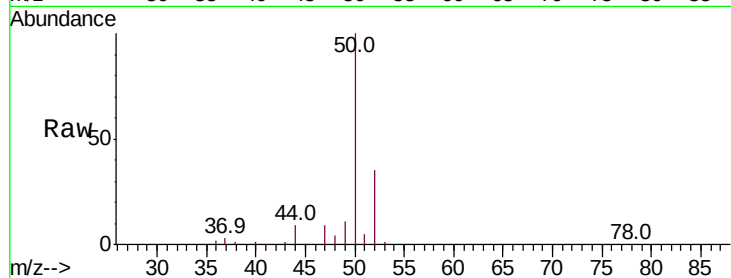
VN0921WBS01

Tot Ion: 50 Resp: 67915

Ion Ratio Lower Upper

50 100

52 34.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

50000

40000

30000

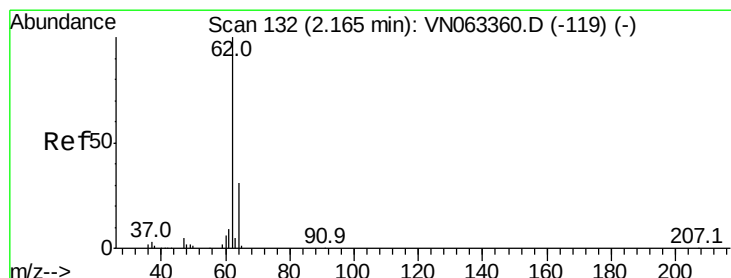
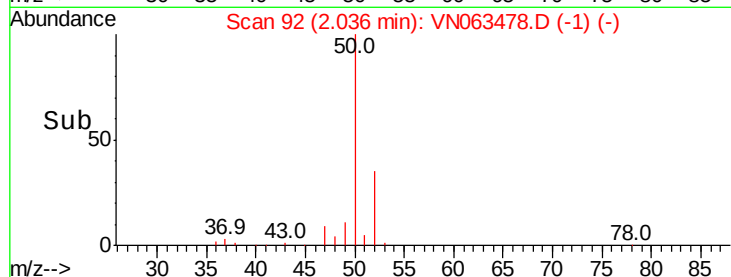
20000

10000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 17.706 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063478.D

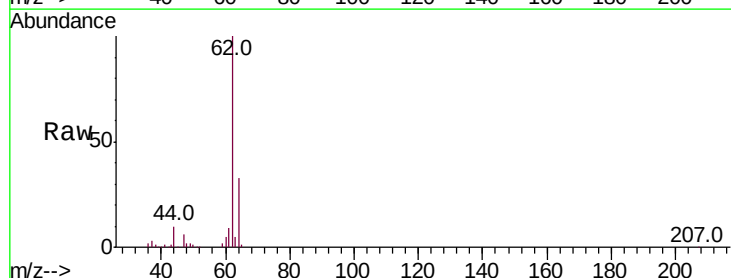
Acq: 21 Sep 2020 12:06

Tgt Ion: 62 Resp: 67654

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

50000

40000

30000

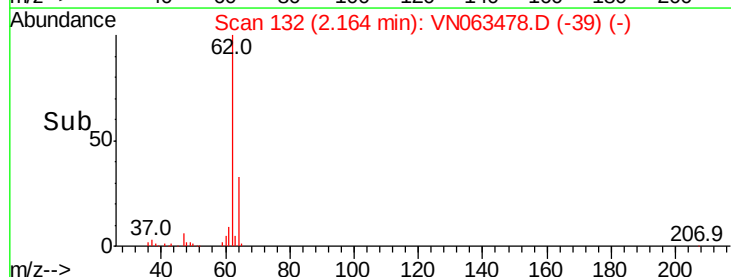
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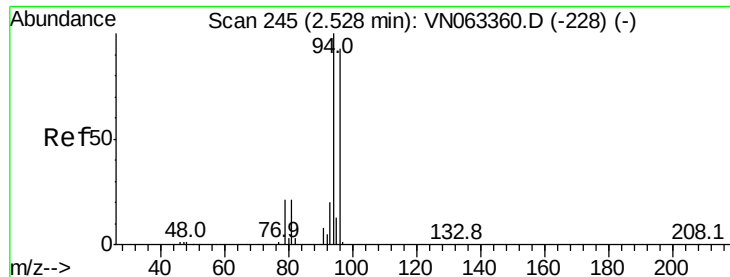
10000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 20.483 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

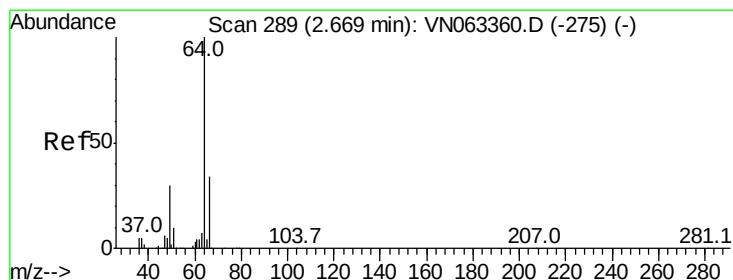
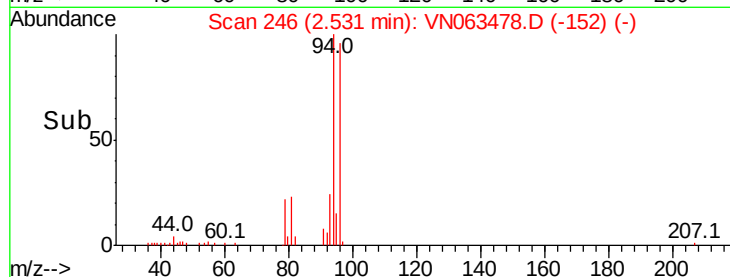
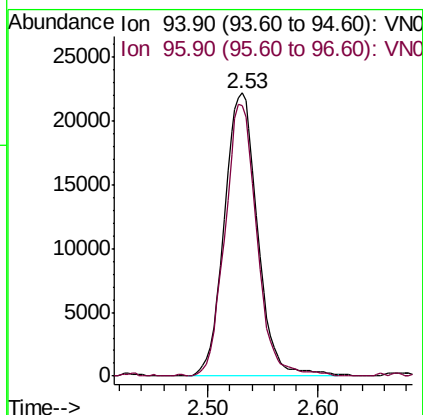
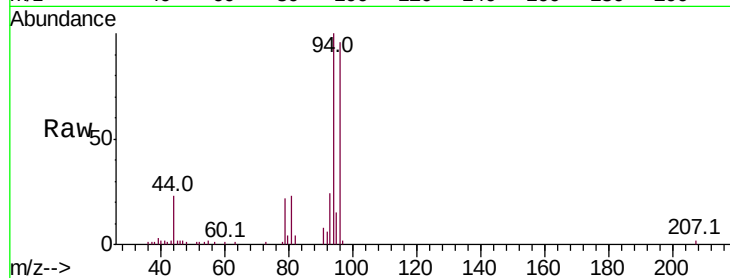
VN0921WBS01

Tot Ion: 94 Resp: 46468

Ion Ratio Lower Upper

94 100

96 95.7 74.5 111.7



#6

Chloroethane

Concen: 17.342 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063478.D

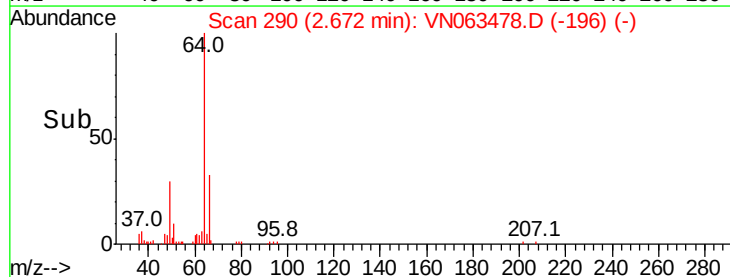
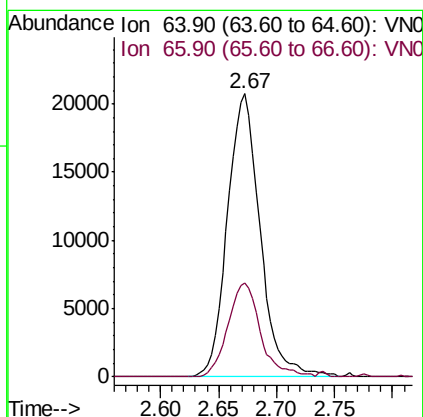
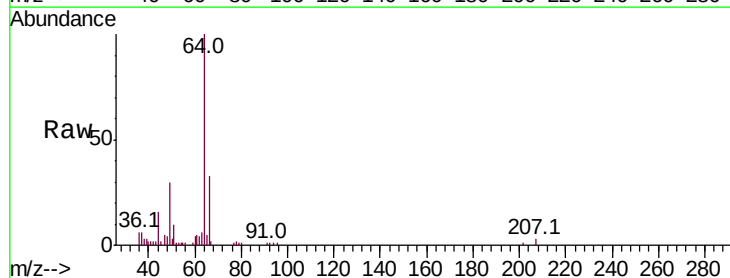
Acq: 21 Sep 2020 12:06

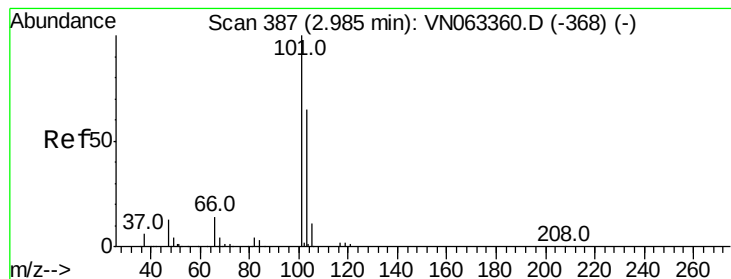
Tgt Ion: 64 Resp: 40675

Ion Ratio Lower Upper

64 100

66 33.3 26.9 40.3



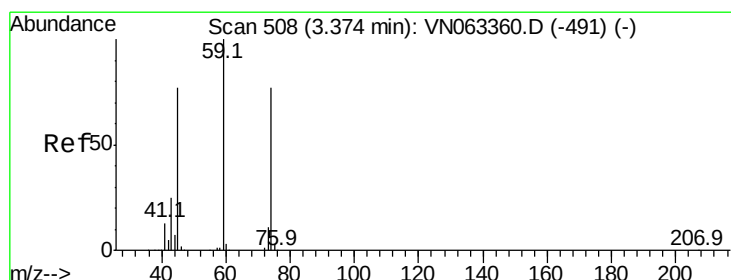
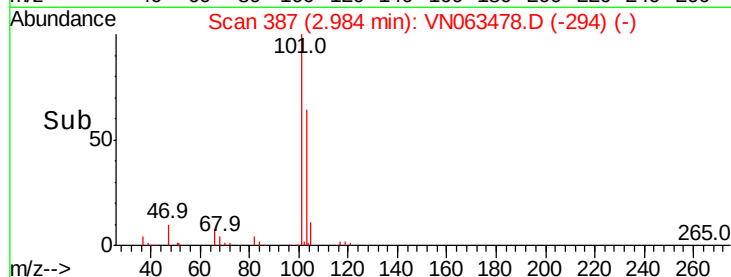
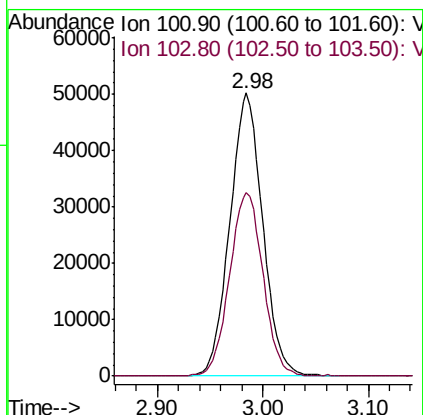
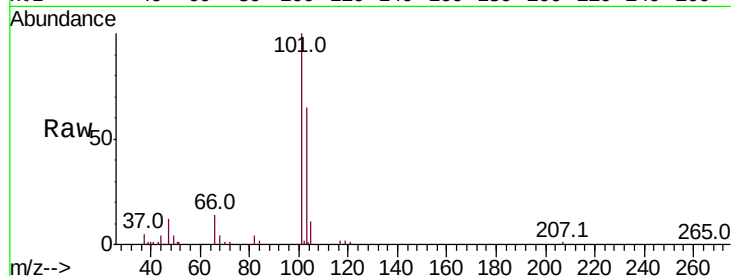


#7

Trichlorofluoromethane
 Concen: 18.999 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
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Instrument :
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 VN0921WBS01

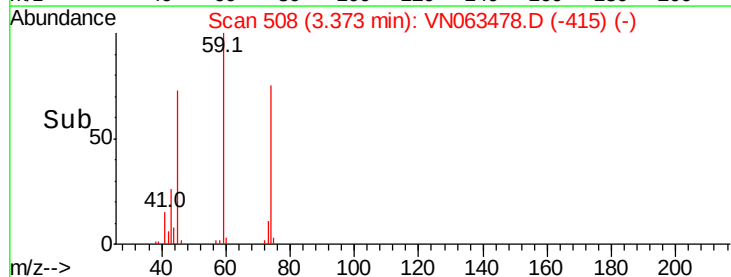
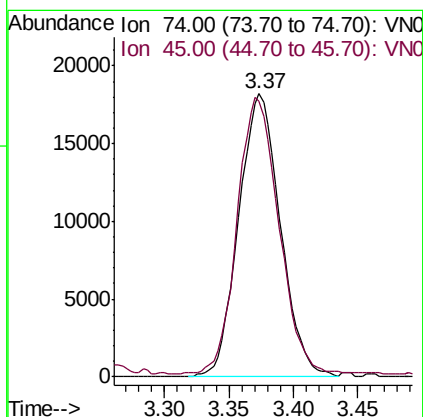
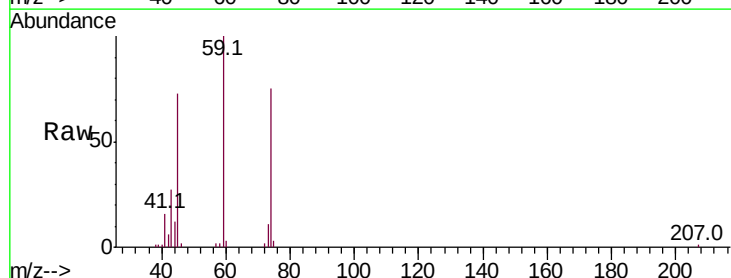
Tot Ion:101 Resp: 108308
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5

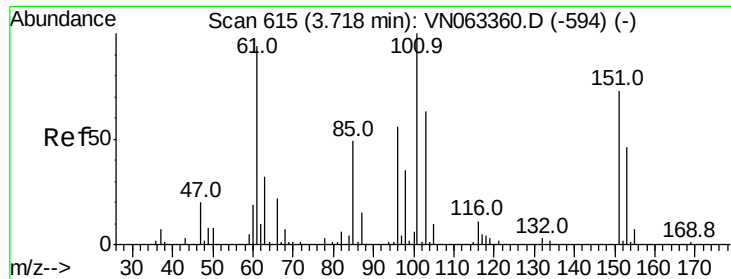


#8

Diethyl Ether
 Concen: 18.404 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion: 74 Resp: 40899
 Ion Ratio Lower Upper
 74 100
 45 98.1 52.1 156.4

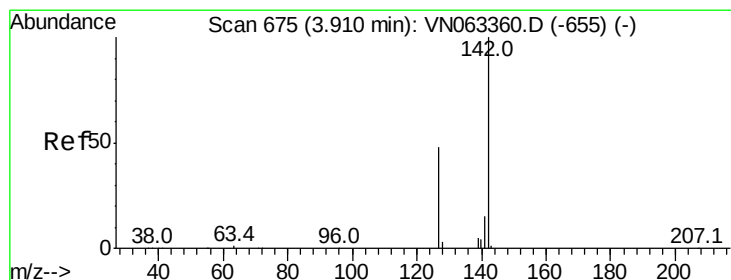
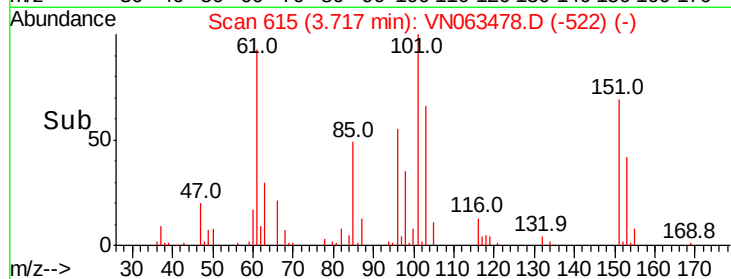
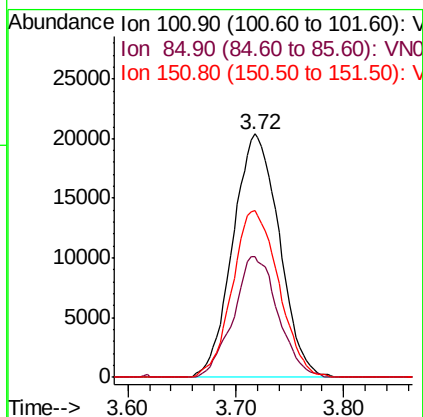
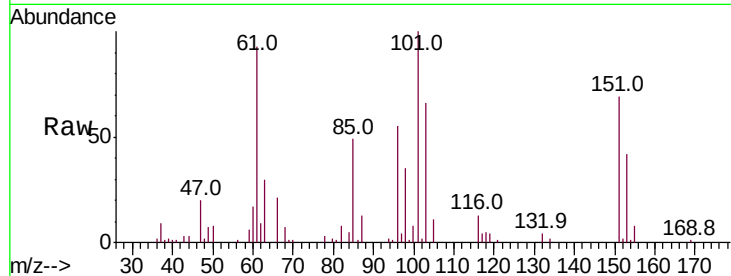




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.973 ug/l
RT: 3.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

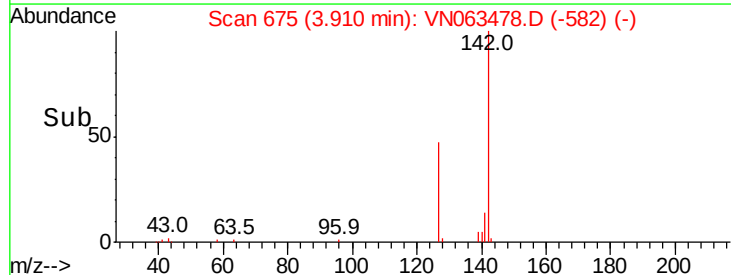
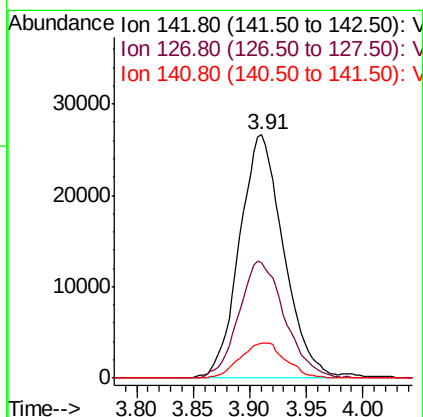
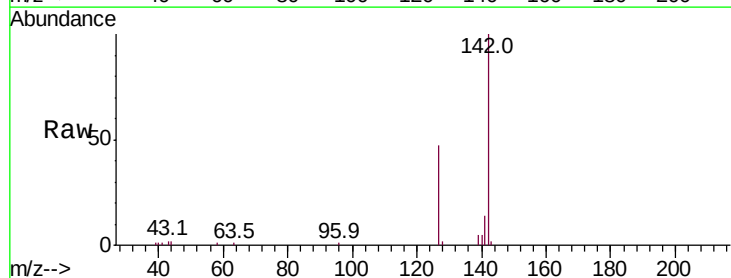
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

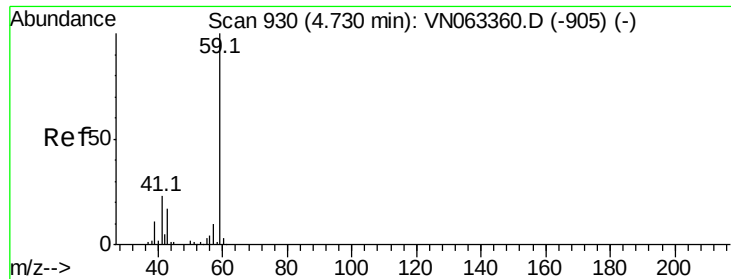
Tot Ion:101 Resp: 60828
Ion Ratio Lower Upper
101 100
85 47.7 37.7 56.5
151 68.6 57.7 86.5



#10
Methyl Iodide
Concen: 17.279 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion:142 Resp: 72123
Ion Ratio Lower Upper
142 100
127 50.2 39.0 58.6
141 14.9 11.6 17.4



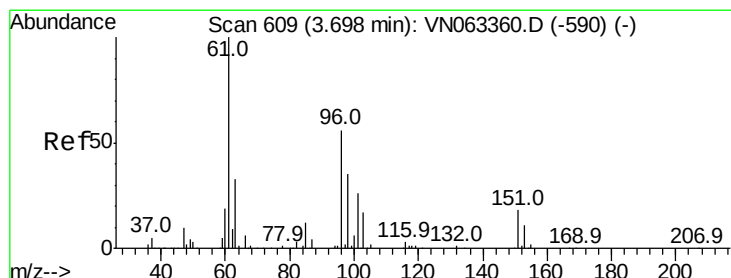
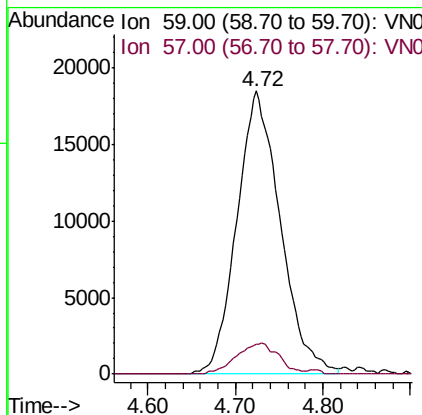
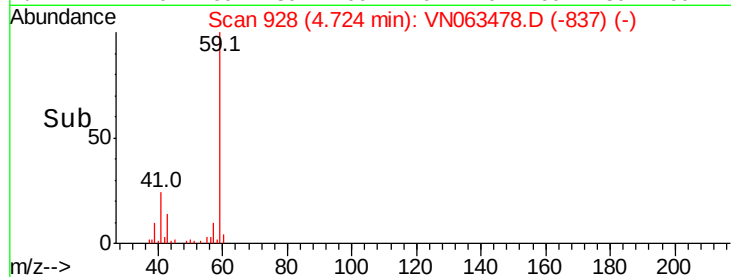
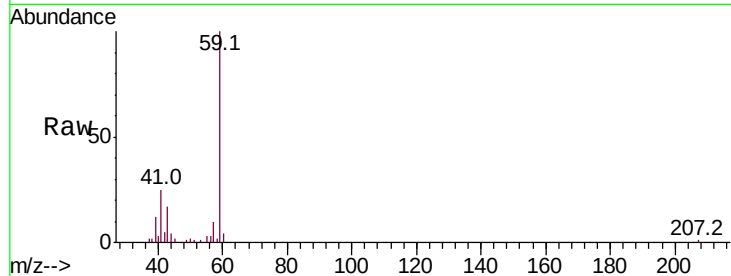


#11

Tert butyl alcohol
Concen: 93.970 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

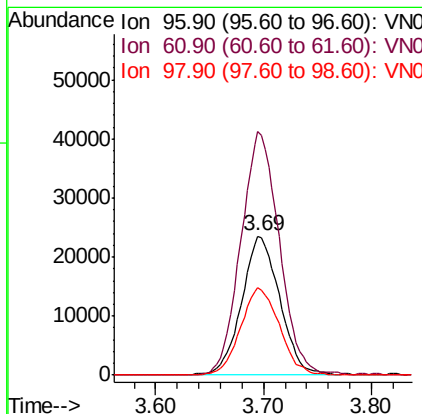
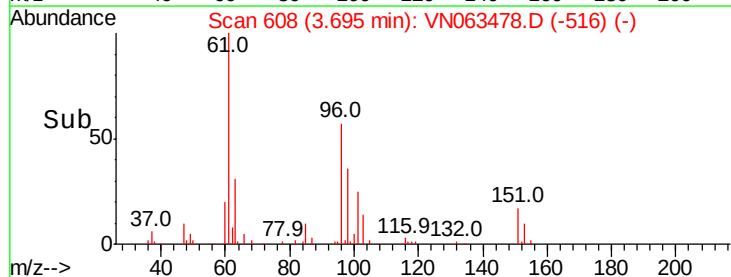
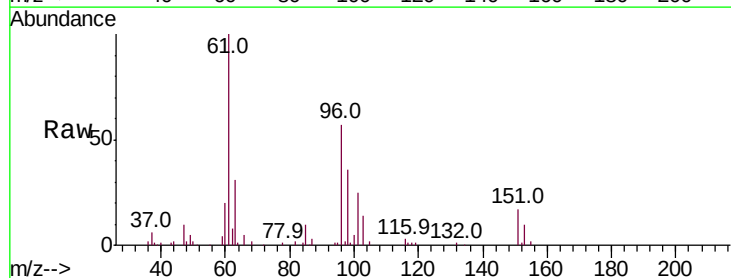
Tot Ion: 59 Resp: 63768
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

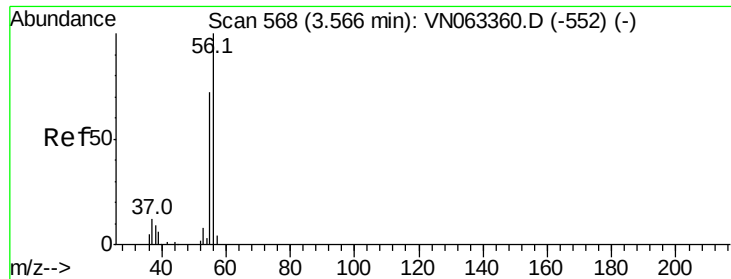


#12

1,1-Dichloroethene
Concen: 17.789 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 96 Resp: 57767
Ion Ratio Lower Upper
96 100
61 174.9 143.4 215.2
98 62.5 50.6 76.0





#13

Acrolein

Concen: 84.305 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

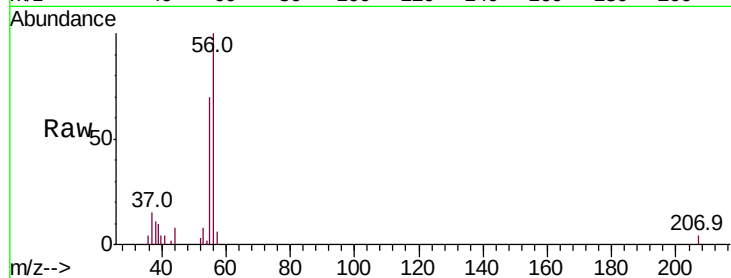
VN0921WBS01

Tot Ion: 56 Resp: 21201

Ion Ratio Lower Upper

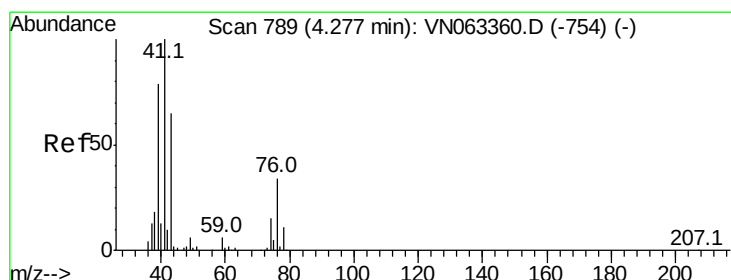
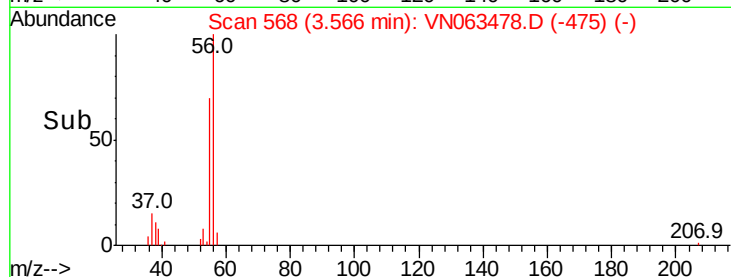
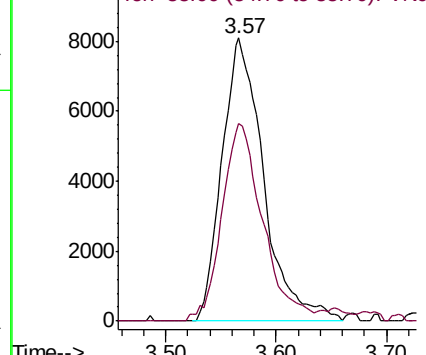
56 100

55 68.2 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.314 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

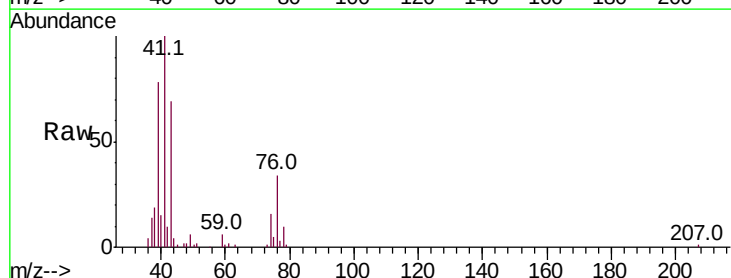
Tgt Ion: 41 Resp: 111210

Ion Ratio Lower Upper

41 100

39 73.5 59.3 88.9

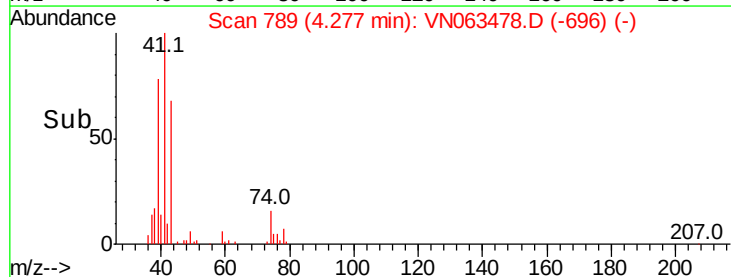
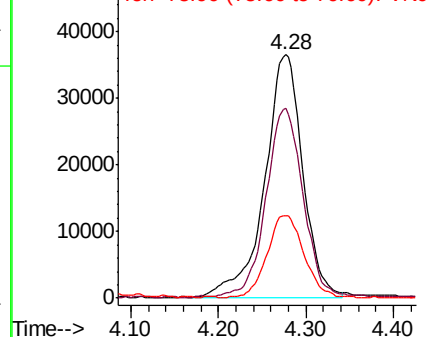
76 32.8 25.3 37.9

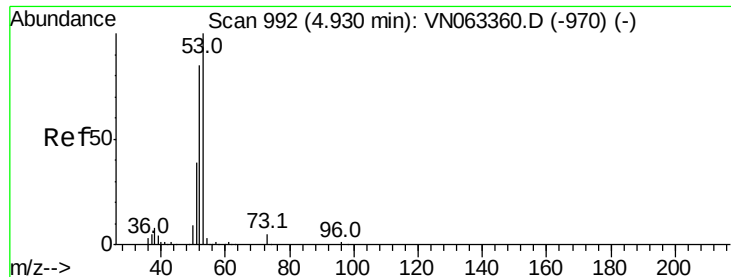


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 89.931 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

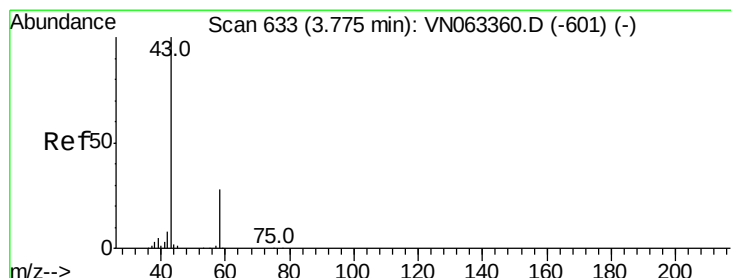
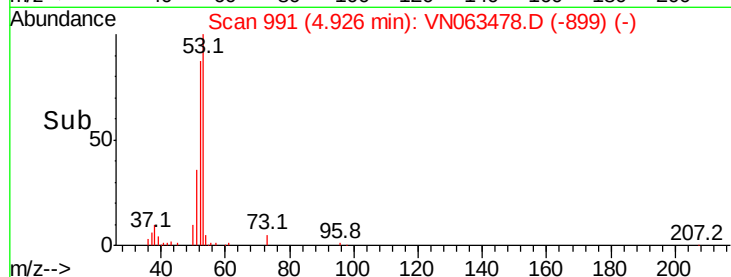
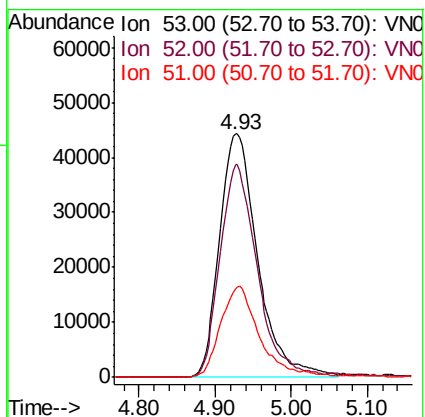
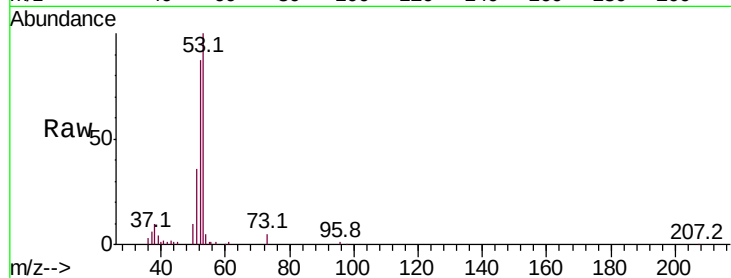
Tot Ion: 53 Resp: 155233

Ion Ratio Lower Upper

53 100

52 84.7 66.4 99.6

51 36.9 30.2 45.4



#16

Acetone

Concen: 87.647 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063478.D

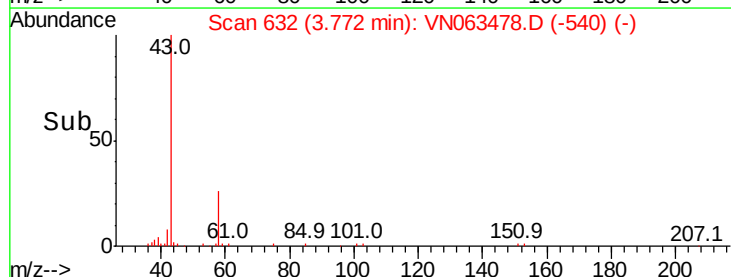
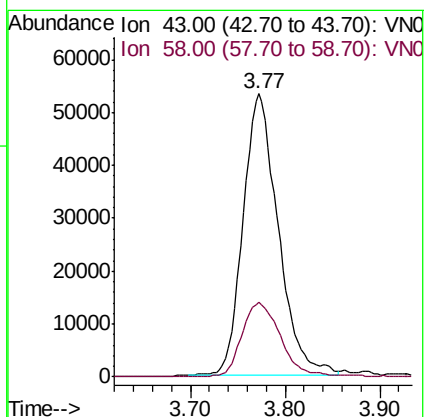
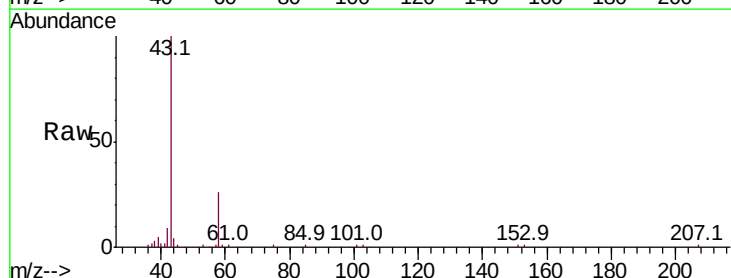
Acq: 21 Sep 2020 12:06

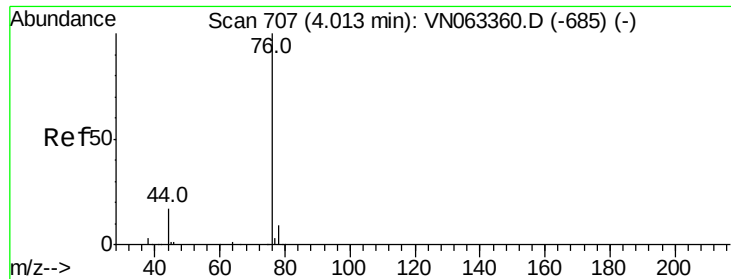
Tgt Ion: 43 Resp: 137979

Ion Ratio Lower Upper

43 100

58 26.4 22.3 33.5

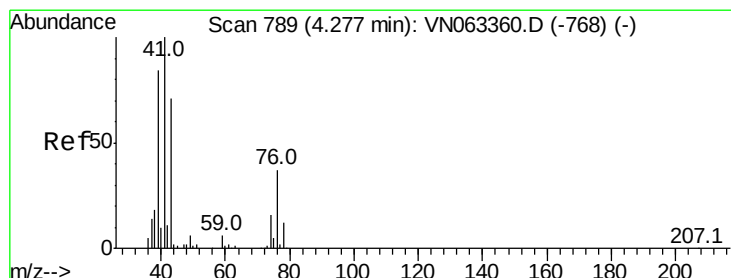
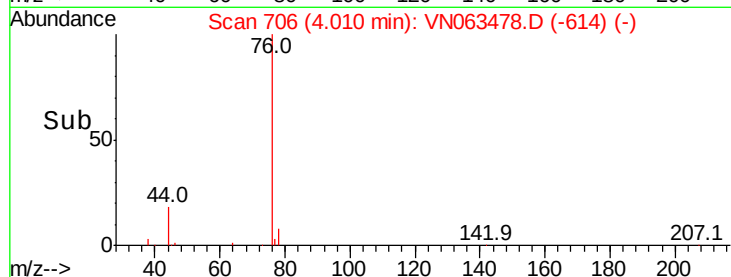
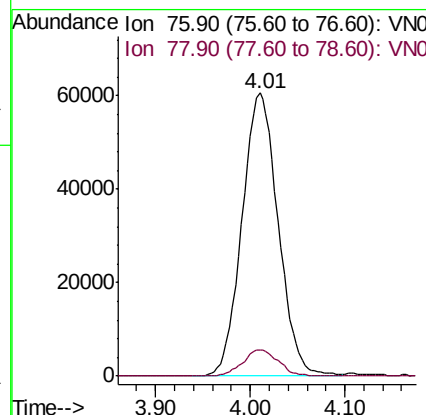
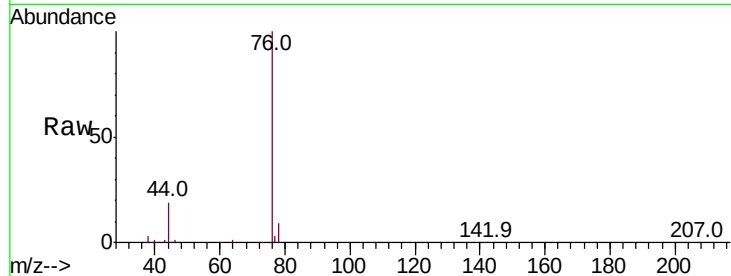




#17
Carbon Disulfide
Concen: 17.037 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

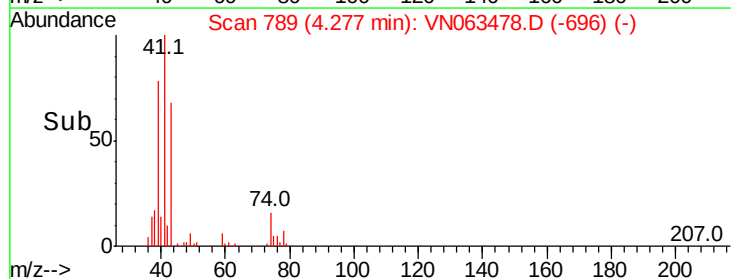
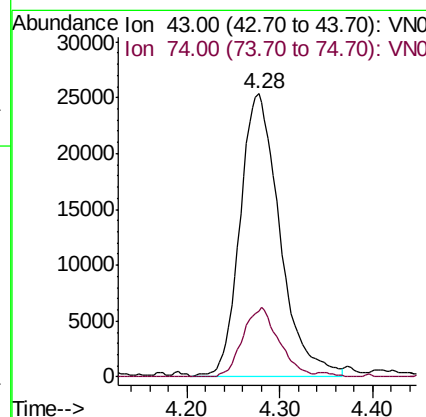
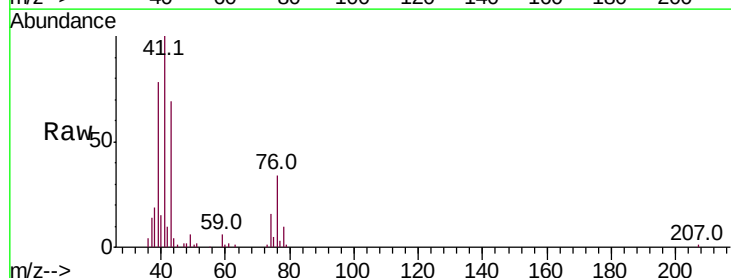
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

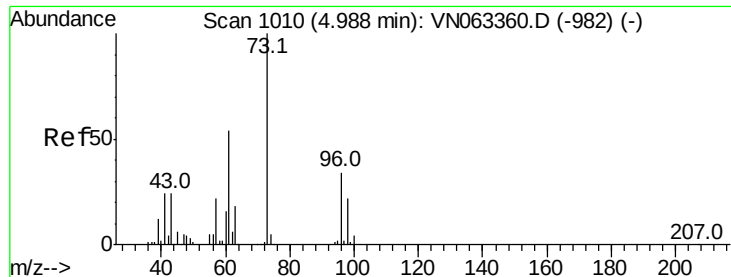
Tot Ion: 76 Resp: 160927
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 18.956 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 43 Resp: 75756
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2

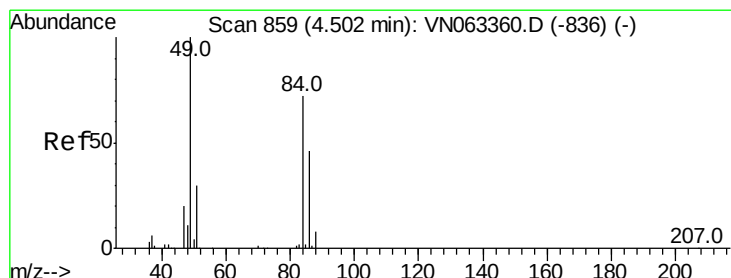
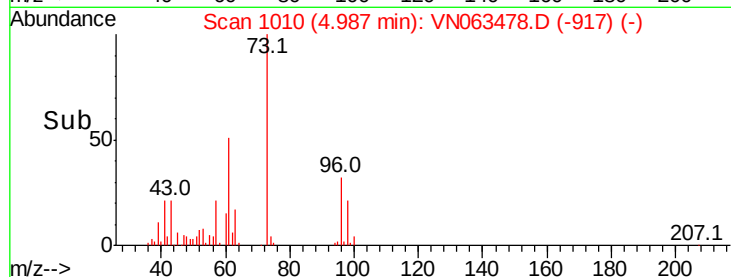
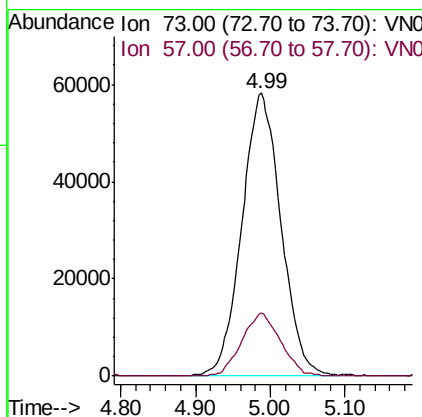
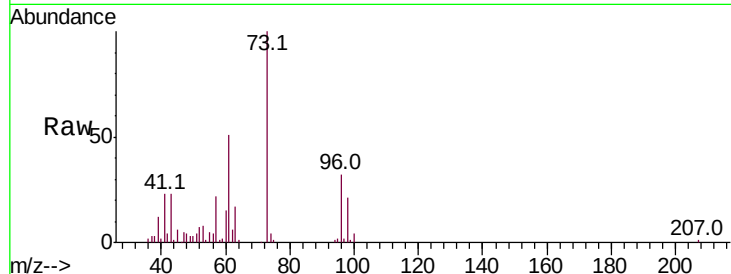




#19
Methvl tert-butvl Ether
Concen: 17.489 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

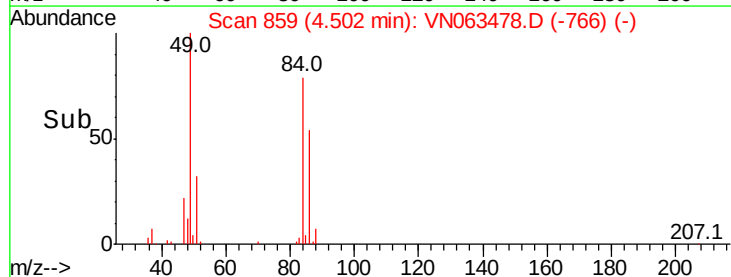
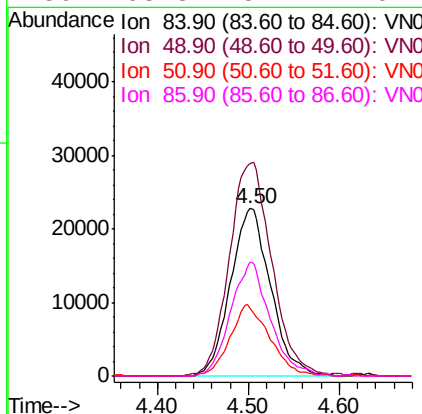
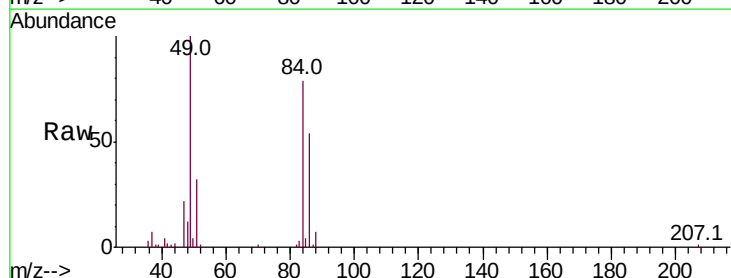
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

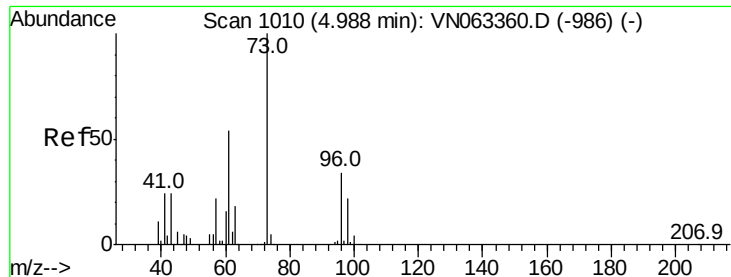
Tot Ion: 73 Resp: 211673
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 17.486 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 84 Resp: 69745
Ion Ratio Lower Upper
84 100
49 126.2 110.7 166.1
51 40.5 32.9 49.3
86 68.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.289 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

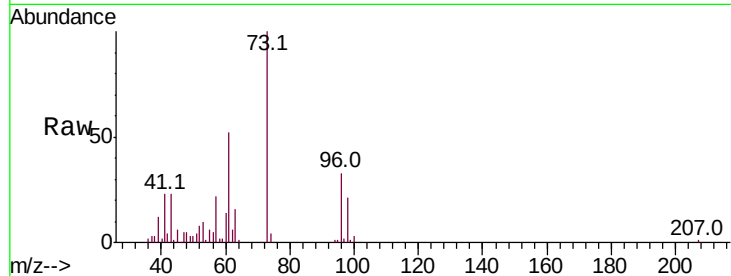
Tot Ion: 96 Resp: 62201

Ion Ratio Lower Upper

96 100

61 158.4 126.2 189.4

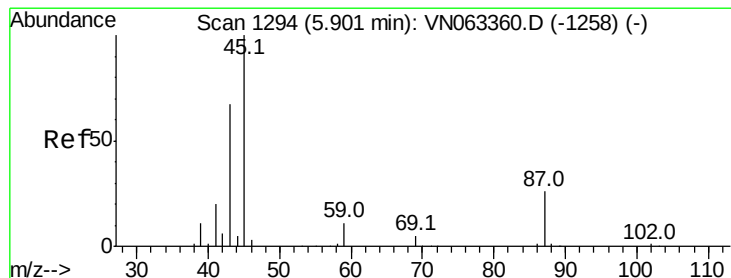
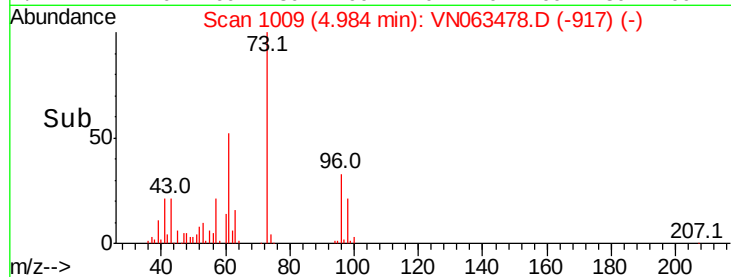
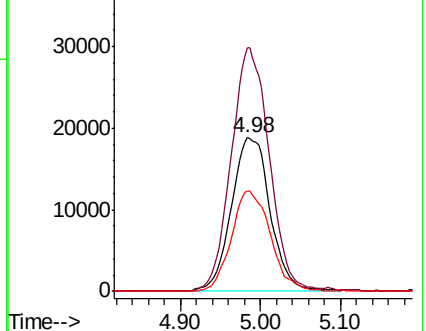
98 65.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 17.454 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion: 45 Resp: 228645

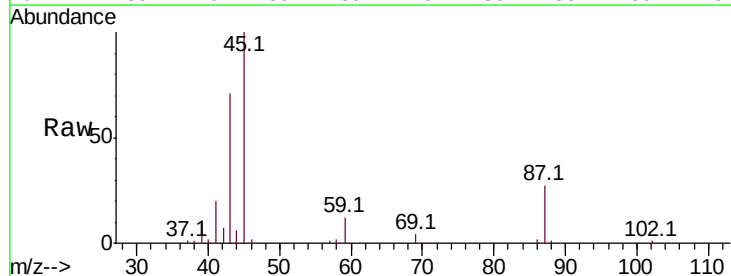
Ion Ratio Lower Upper

45 100

43 68.1 53.5 80.3

87 26.4 21.2 31.8

59 11.1 8.8 13.2

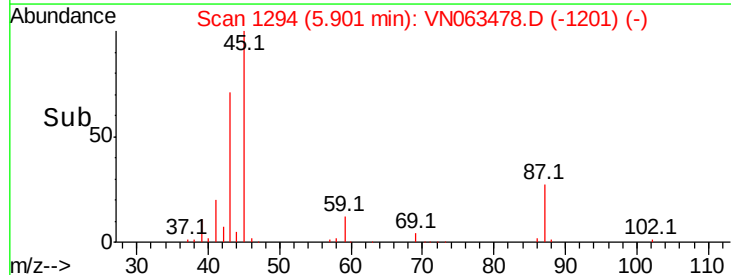
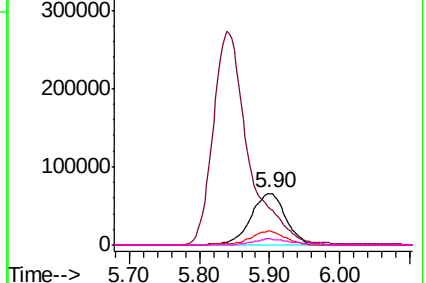


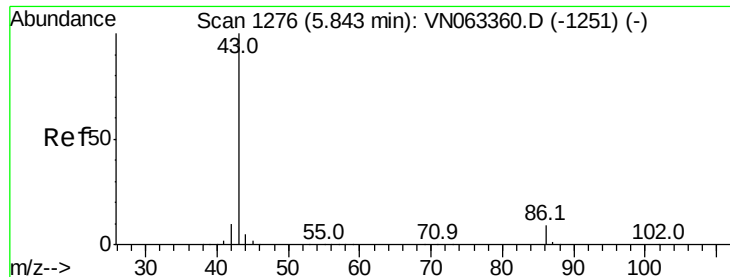
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 88.300 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

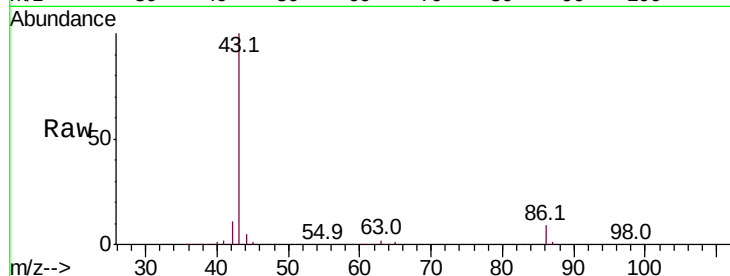
VN0921WBS01

Tot Ion: 43 Resp: 949998

Ion Ratio Lower Upper

43 100

86 9.4 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

250000

200000

150000

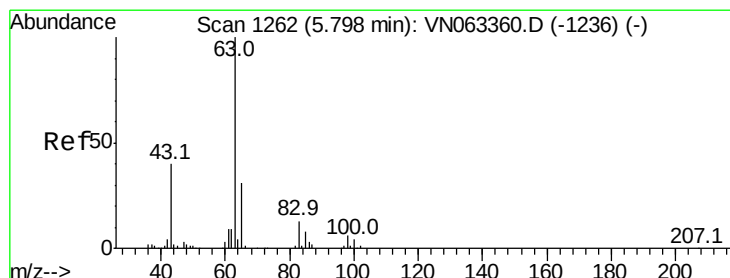
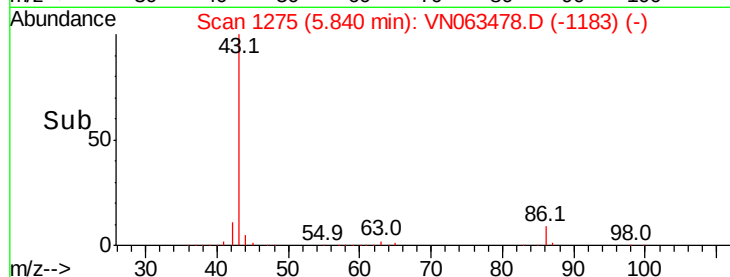
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 17.895 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

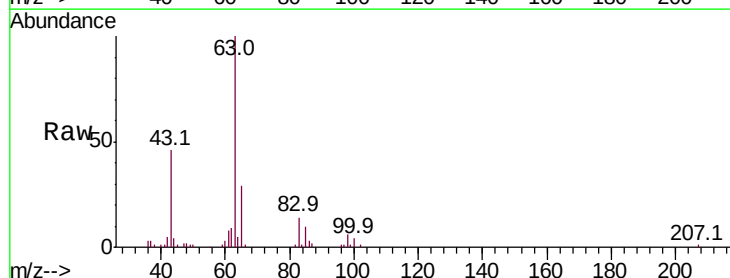
Tgt Ion: 63 Resp: 127984

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.8 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

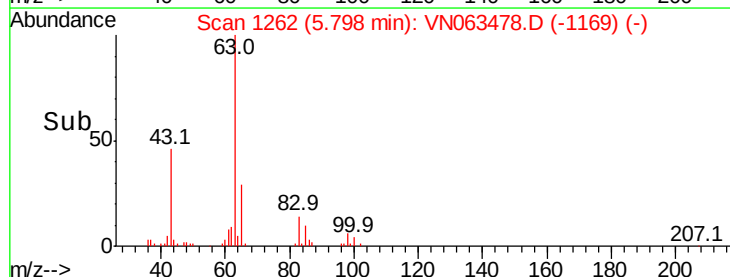
20000

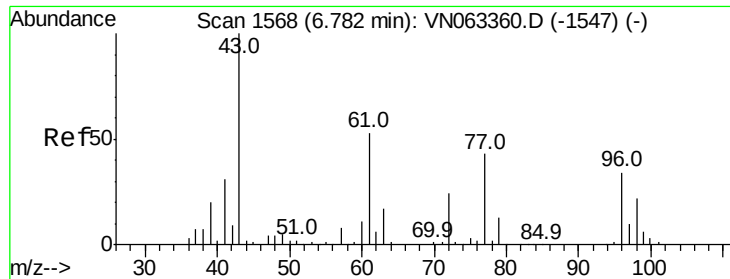
10000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 89.061 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

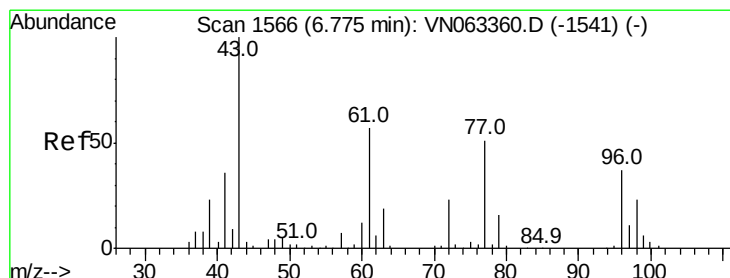
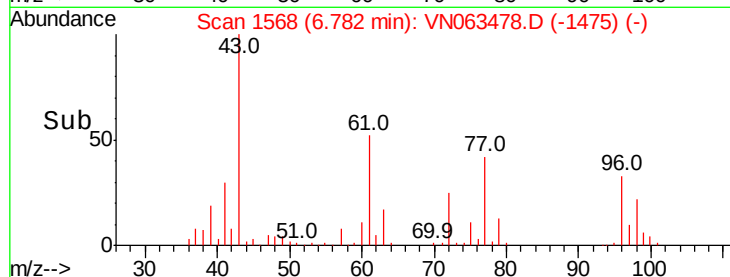
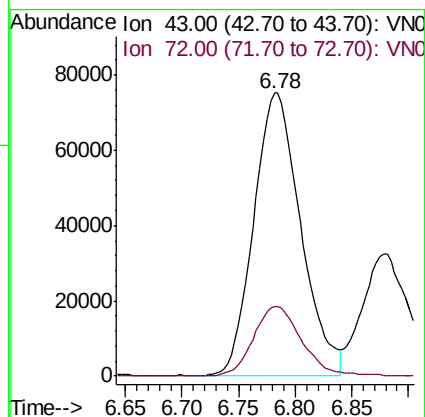
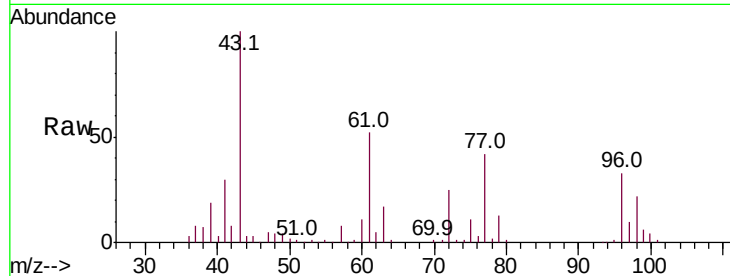
VN0921WBS01

Tot Ion: 43 Resp: 215633

Ion Ratio Lower Upper

43 100

72 24.8 19.2 28.8



#26

2,2-Dichloropropane

Concen: 17.848 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063478.D

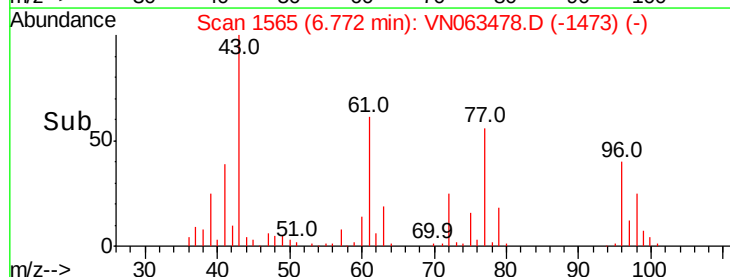
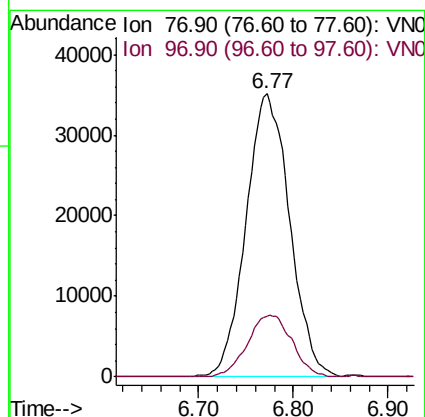
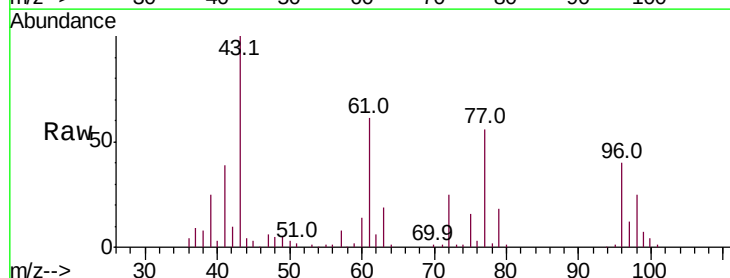
Acq: 21 Sep 2020 12:06

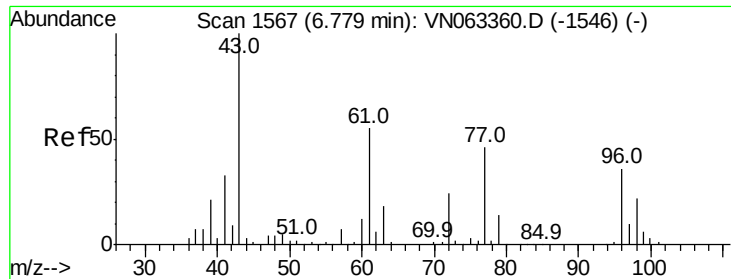
Tgt Ion: 77 Resp: 112390

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6

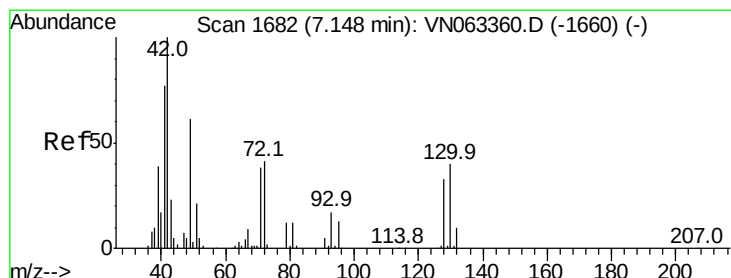
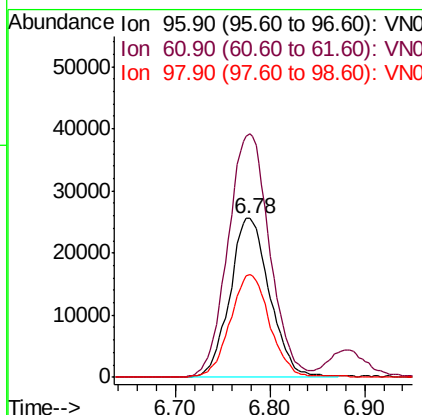
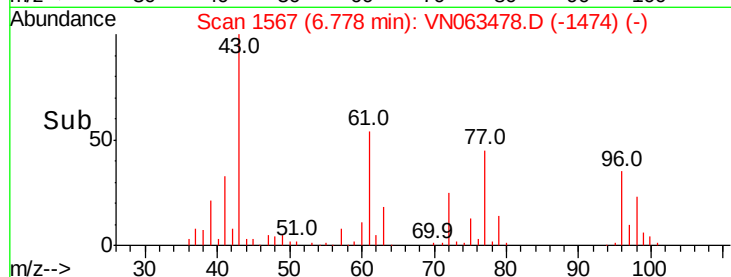
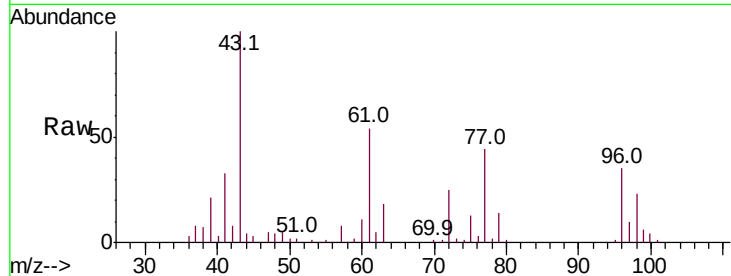




#27
 cis-1,2-Dichloroethene
 Concen: 18.383 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

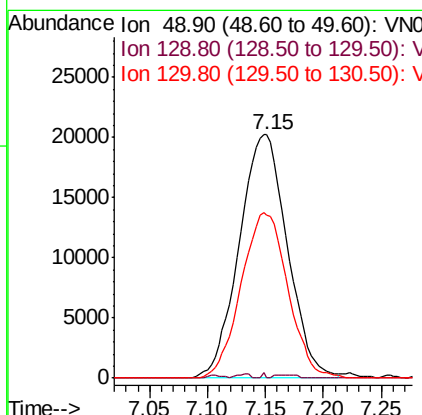
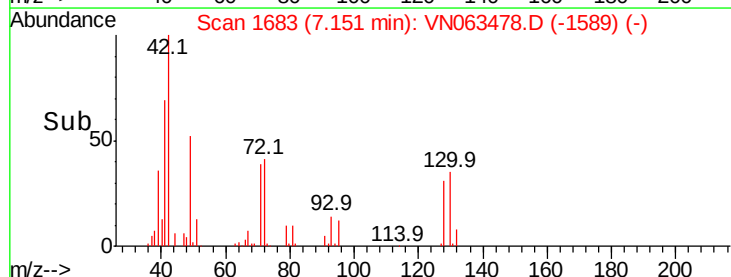
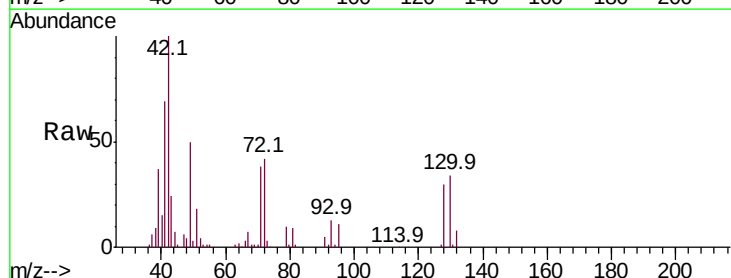
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS01

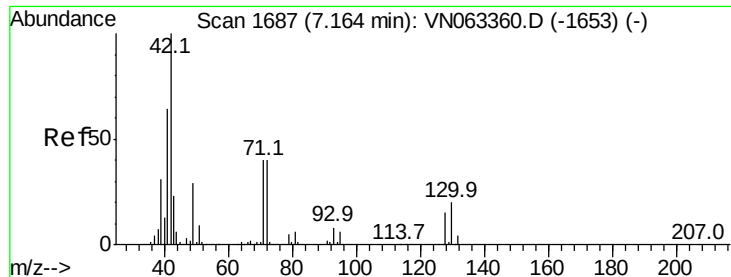
Tot Ion: 96 Resp: 74861
 Ion Ratio Lower Upper
 96 100
 61 160.1 0.0 319.6
 98 64.3 0.0 127.8



#28
 Bromochloromethane
 Concen: 17.658 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion: 49 Resp: 58313
 Ion Ratio Lower Upper
 49 100
 129 0.1 0.0 3.8
 130 66.1 52.2 78.2





#29

Tetrahydrofuran

Concen: 86.500 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

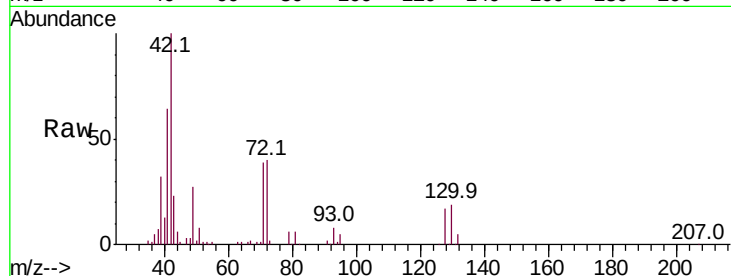
Tot Ion: 42 Resp: 143037

Ion Ratio Lower Upper

42 100

72 42.2 32.1 48.1

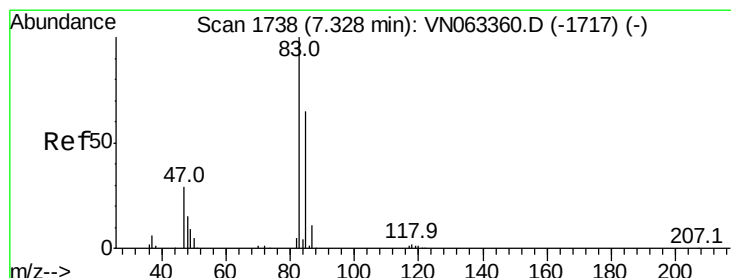
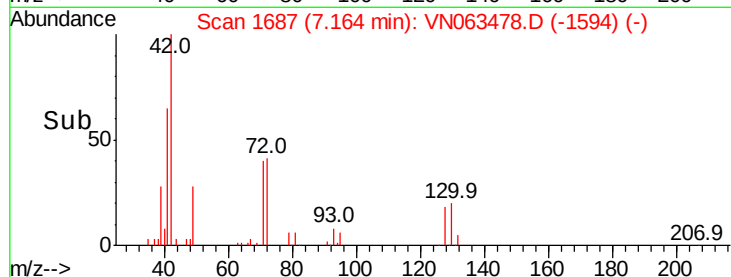
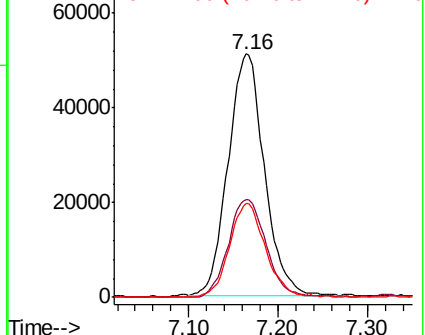
71 38.6 31.2 46.8



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: 18.145 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN063478.D

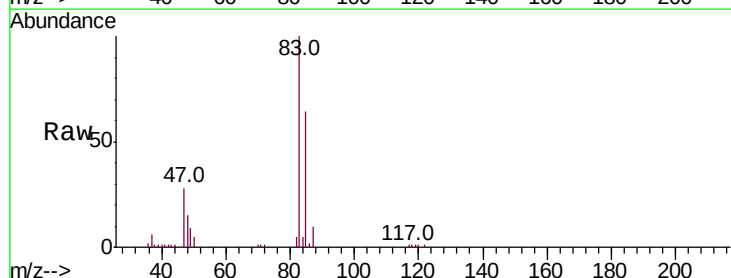
Acq: 21 Sep 2020 12:06

Tgt Ion: 83 Resp: 130204

Ion Ratio Lower Upper

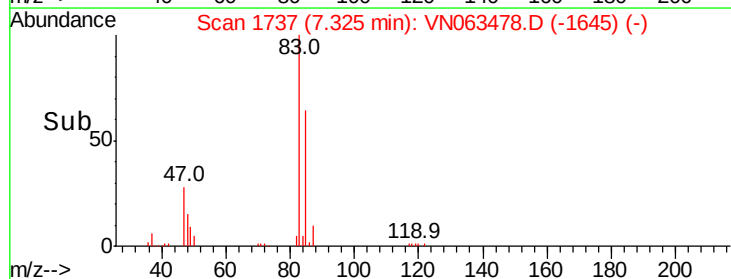
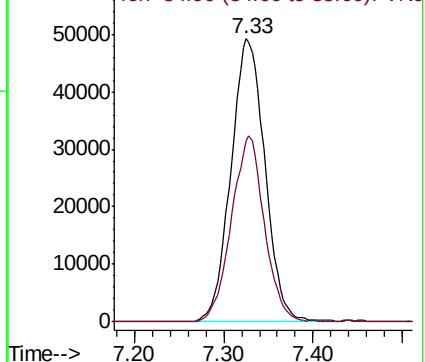
83 100

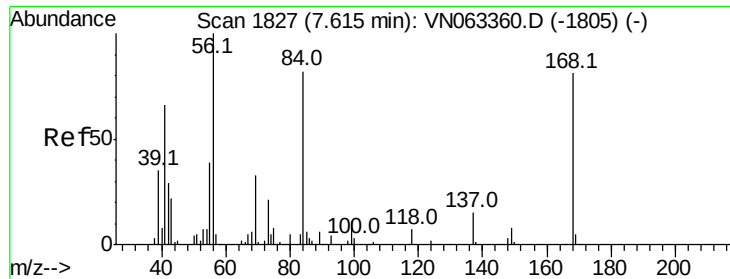
85 64.0 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

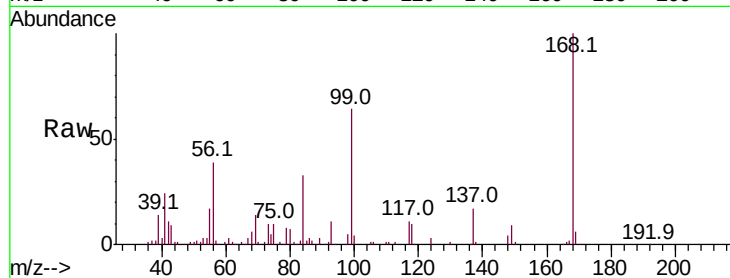




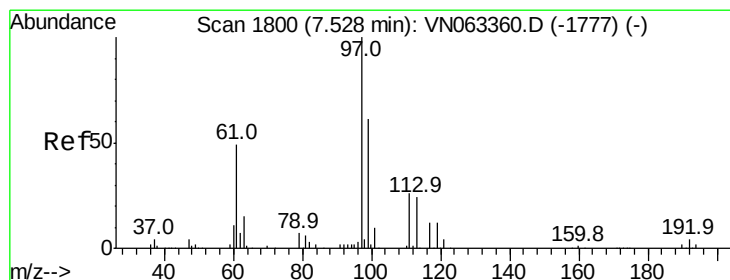
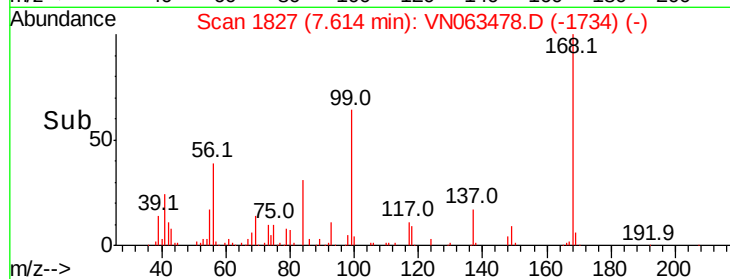
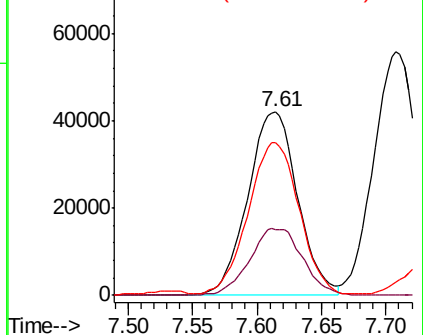
#31
Cyclohexane
Concen: 16.760 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion: 56 Resp: 113384
Ion Ratio Lower Upper
56 100
69 35.9 26.1 39.1
84 82.3 65.4 98.2

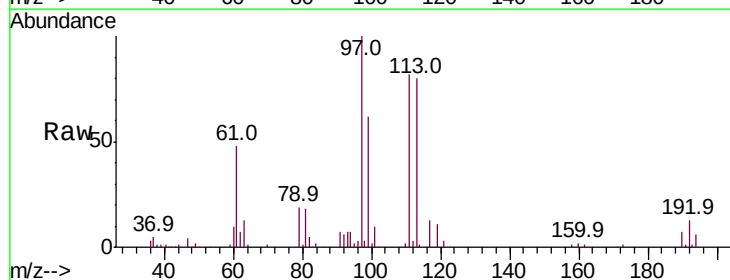


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

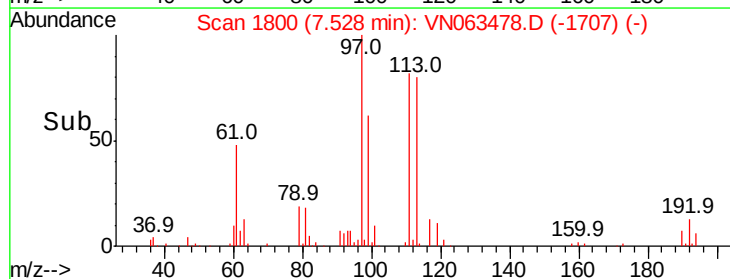
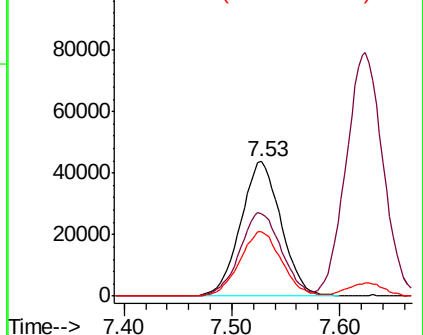


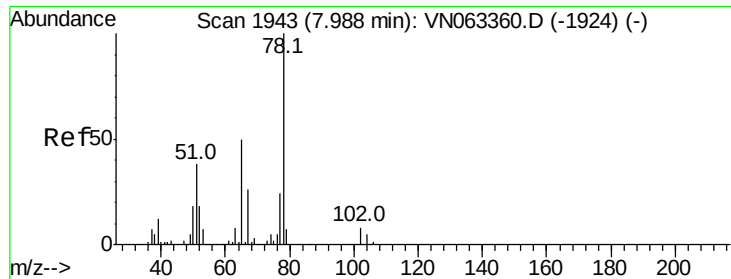
#32
1,1,1-Trichloroethane
Concen: 17.899 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 97 Resp: 114232
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 49.4 39.2 58.8



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

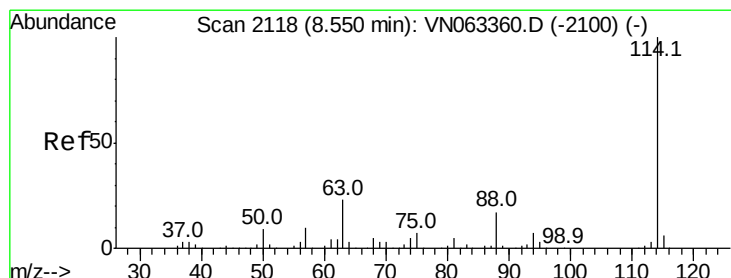
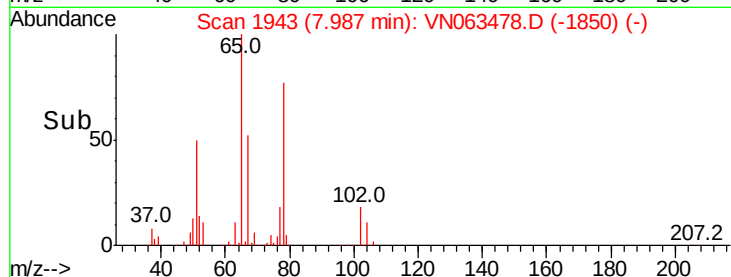
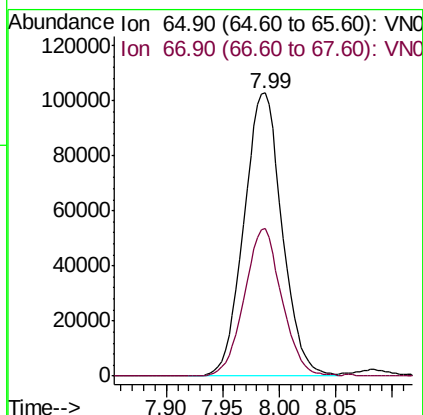
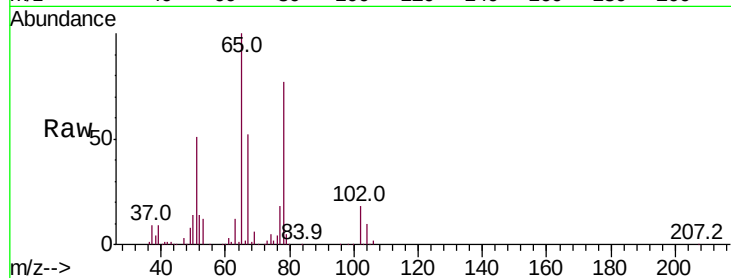




#33
 1,2-Dichloroethane-d4
 Concen: 49.243 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

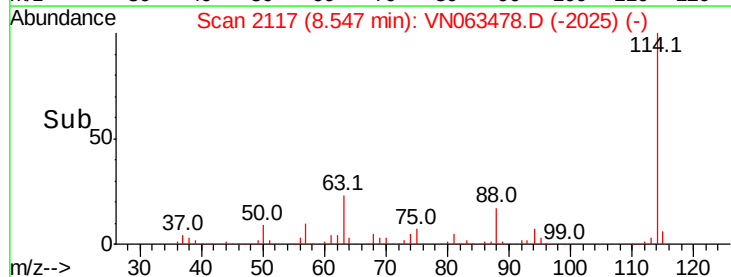
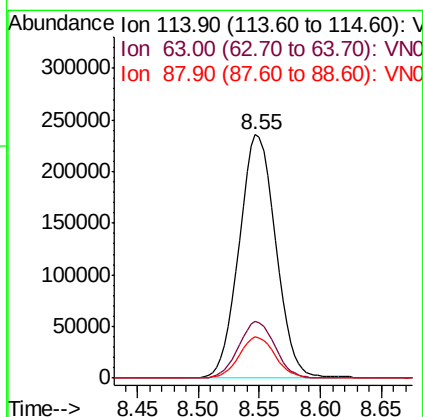
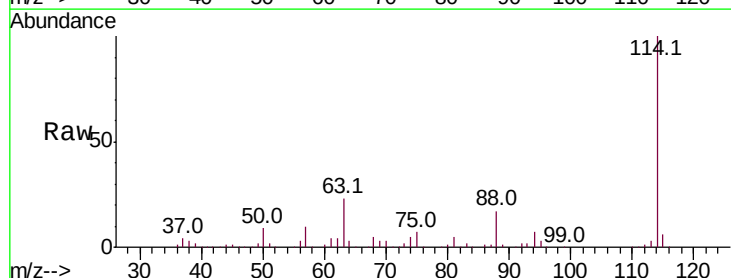
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

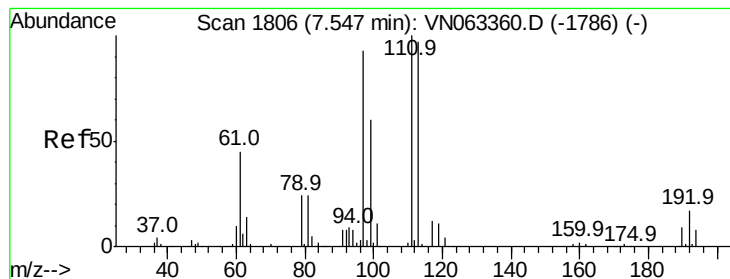
Tot Ion: 65 Resp: 241214
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion: 114 Resp: 488950
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.419 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

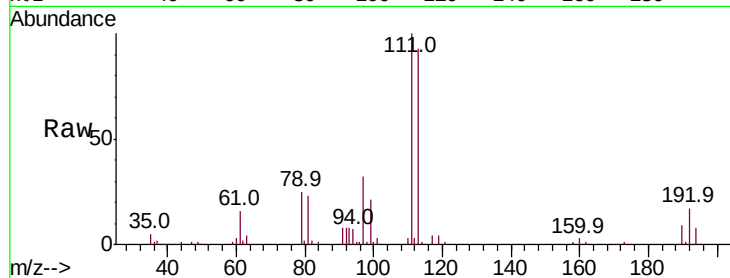
Tot Ion:113 Resp: 167279

Ion Ratio Lower Upper

113 100

111 104.6 82.9 124.3

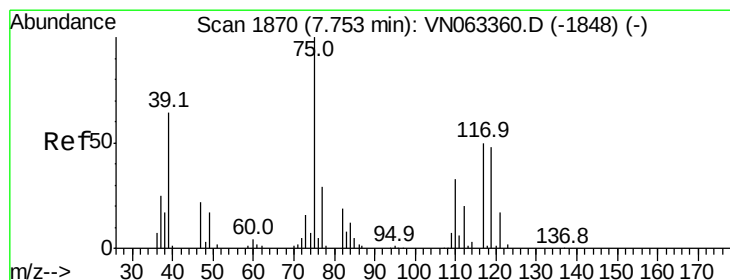
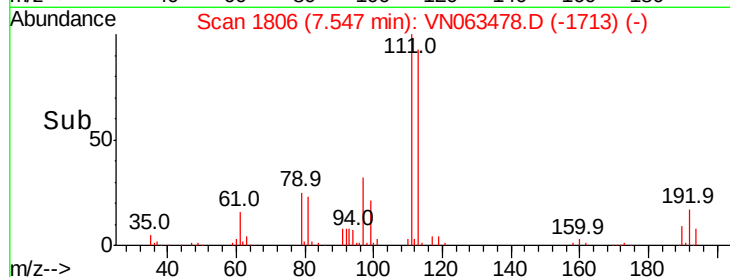
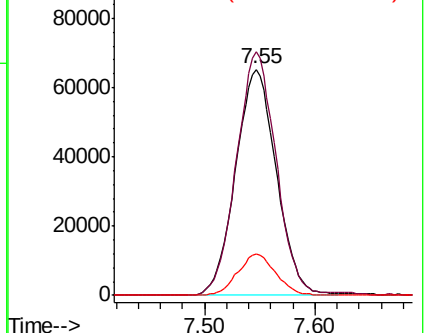
192 17.1 13.9 20.9



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: 18.531 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

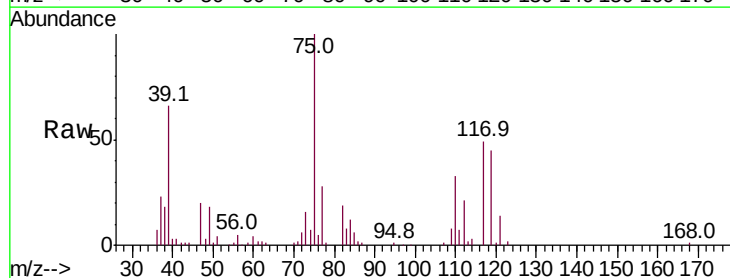
Tgt Ion: 75 Resp: 96528

Ion Ratio Lower Upper

75 100

110 33.0 16.5 49.5

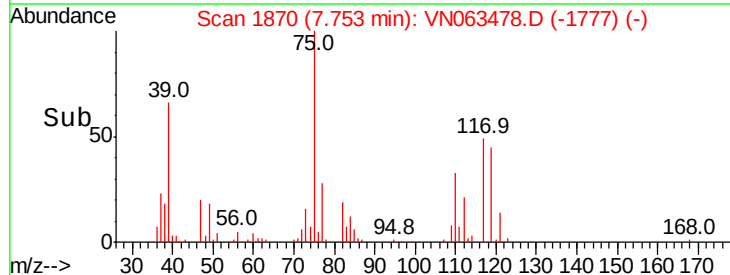
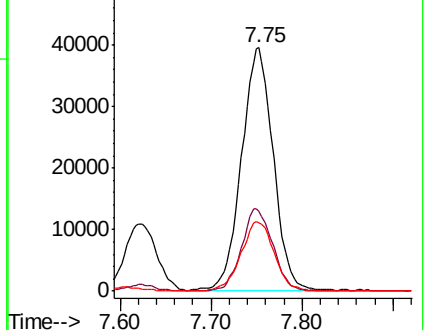
77 29.4 24.6 36.8

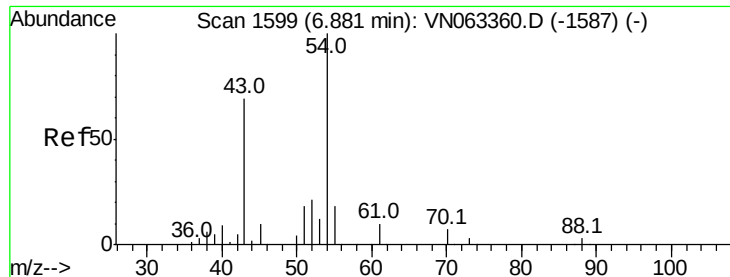


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 18.480 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

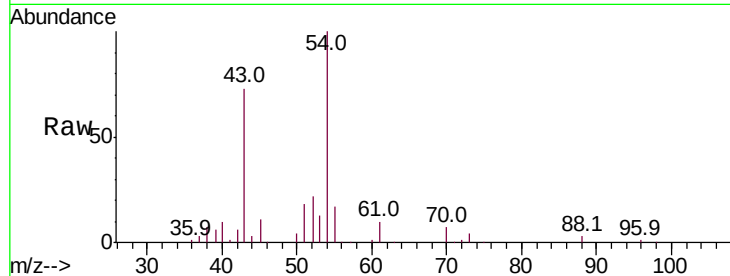
Tot Ion: 43 Resp: 94477

Ion Ratio Lower Upper

43 100

61 13.9 10.6 15.8

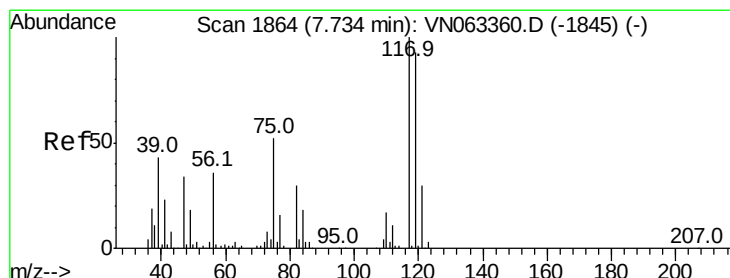
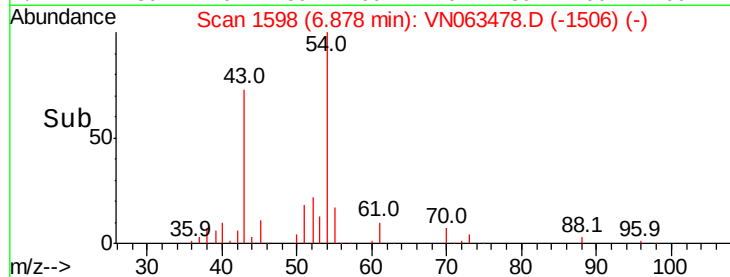
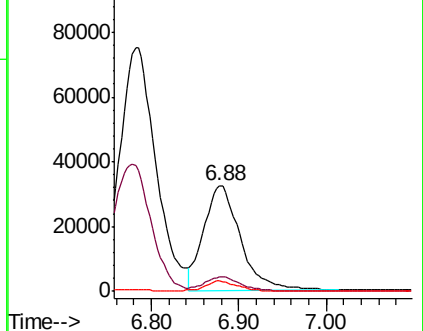
70 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063360.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 18.286 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

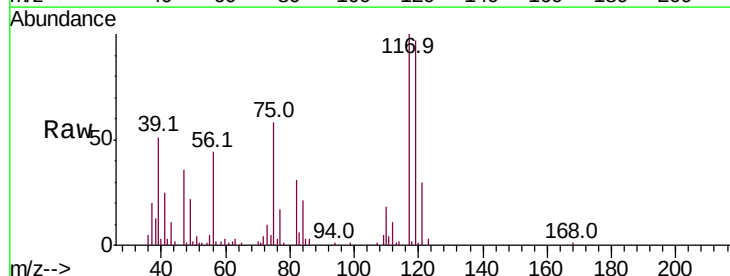
Tgt Ion: 117 Resp: 97235

Ion Ratio Lower Upper

117 100

119 97.8 74.5 111.7

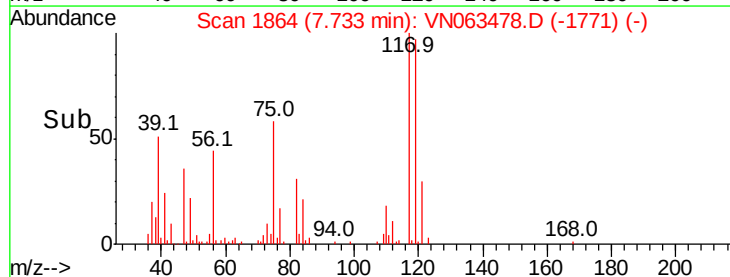
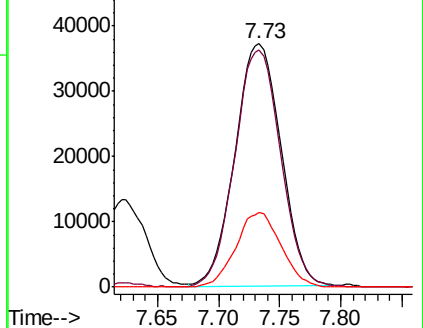
121 30.7 24.1 36.1

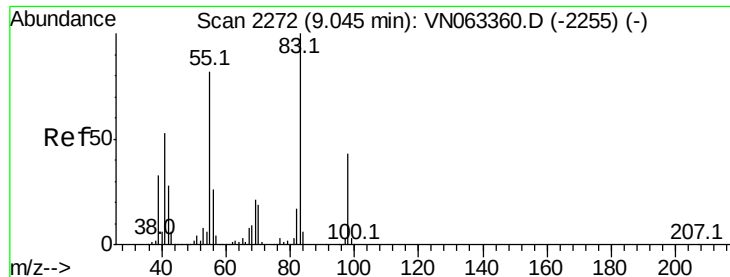


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

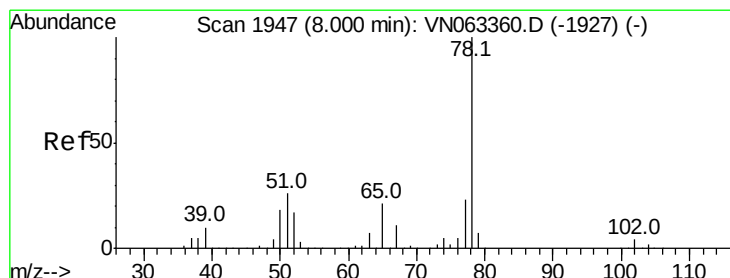
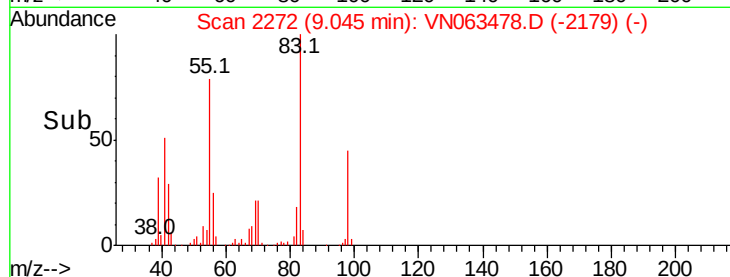
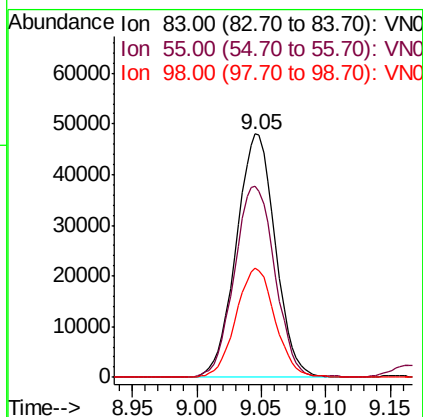
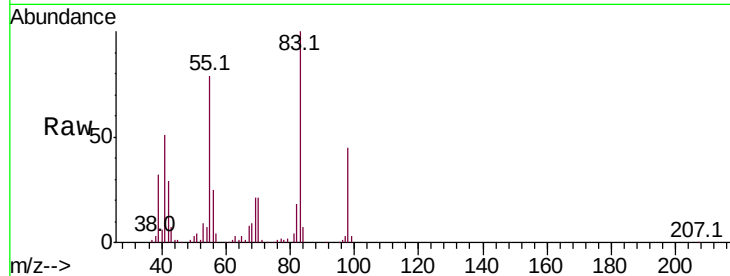




#39
Methylvlcyclohexane
Concen: 17.893 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

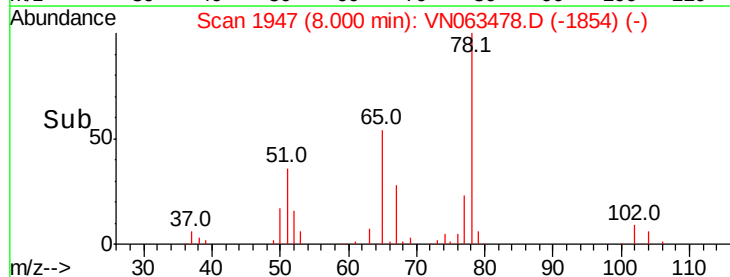
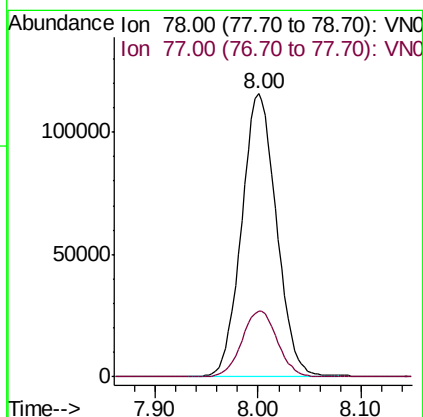
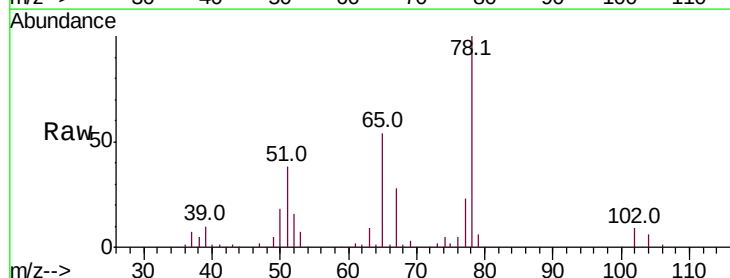
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

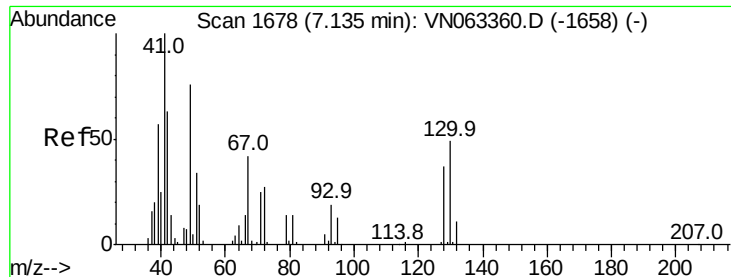
Tot Ion: 83 Resp: 101158
Ion Ratio Lower Upper
83 100
55 78.6 65.5 98.3
98 44.6 34.2 51.4



#40
Benzene
Concen: 18.297 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 78 Resp: 272078
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5

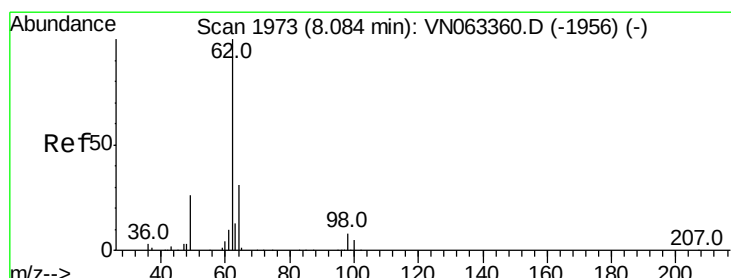
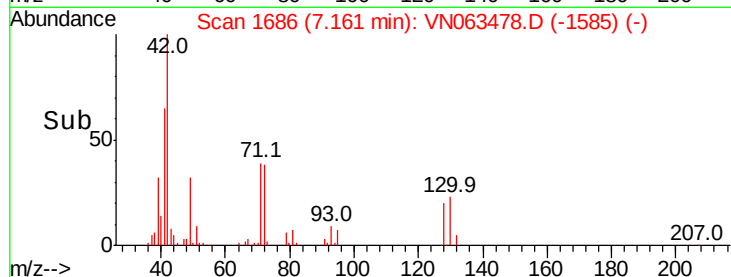
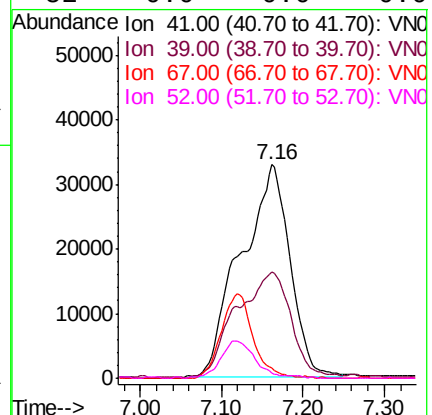
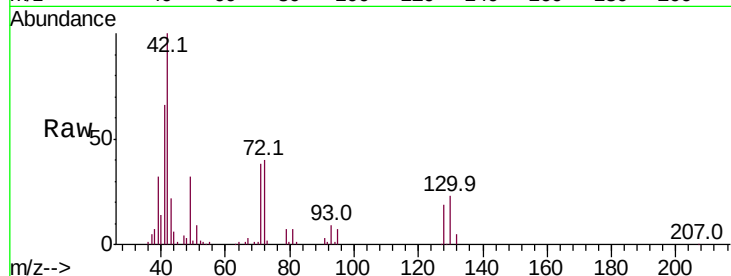




#41
Methacrylonitrile
Concen: 59.646 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

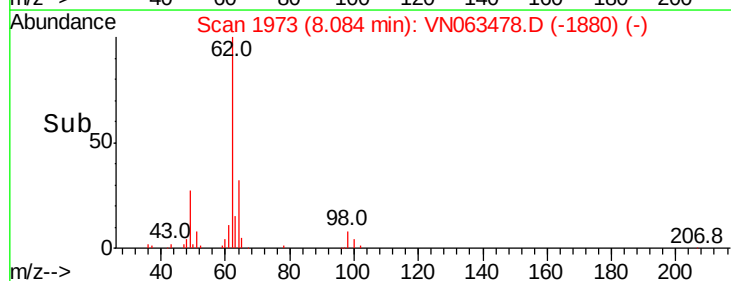
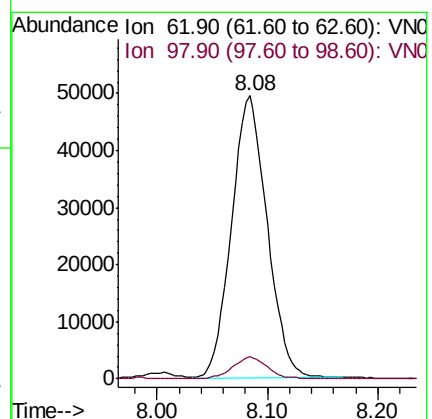
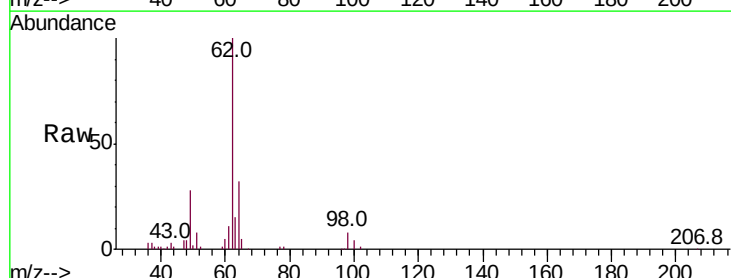
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

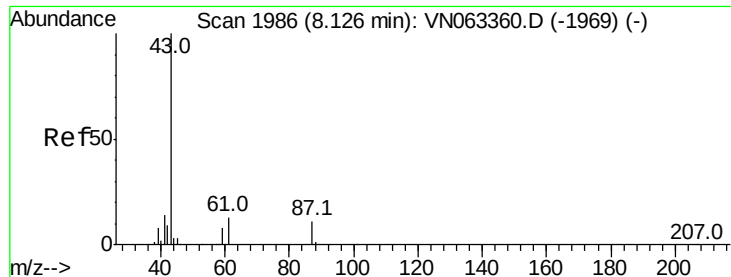
Tot Ion:	41	Resp:	137150
Ion	Ratio	Lower	Upper
41	100		
39	56.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.536 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion:	62	Resp:	110844
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 17.379 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

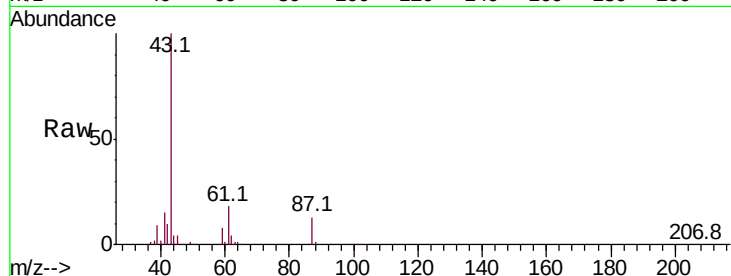
Tot Ion: 43 Resp: 158874

Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.2

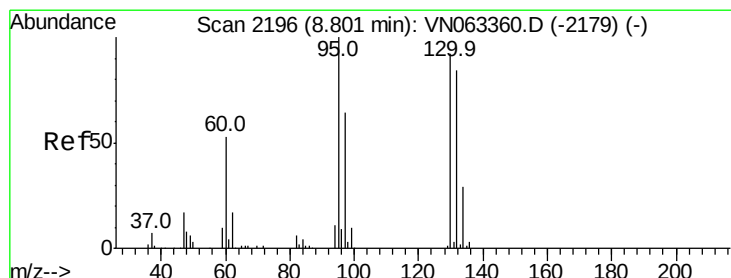
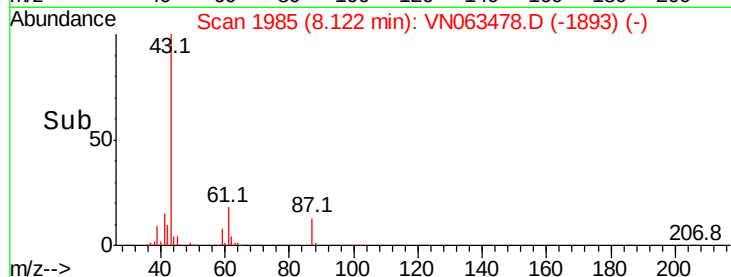
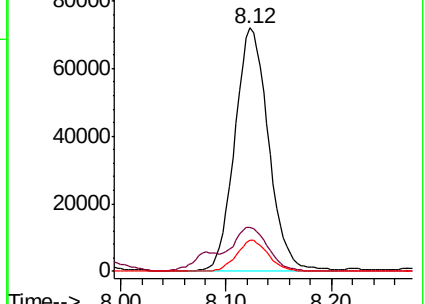
87 12.1 9.0 13.6



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

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

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



#44

Trichloroethene

Concen: 19.266 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063478.D

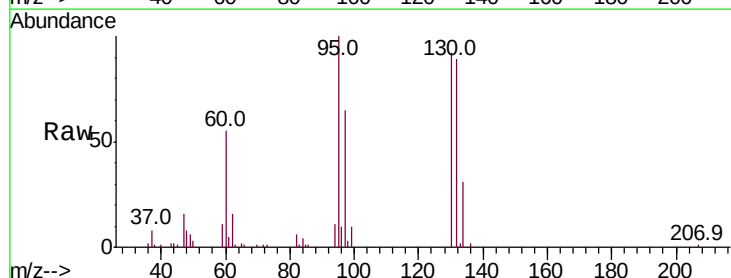
Acq: 21 Sep 2020 12:06

Tgt Ion:130 Resp: 69484

Ion Ratio Lower Upper

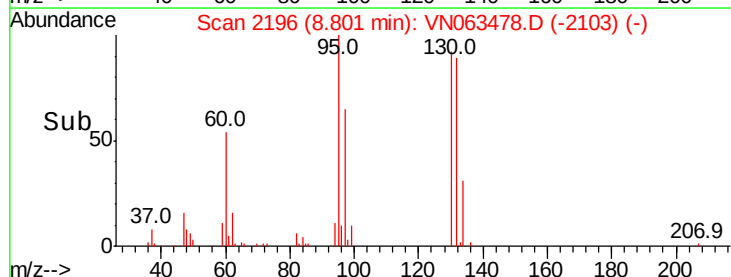
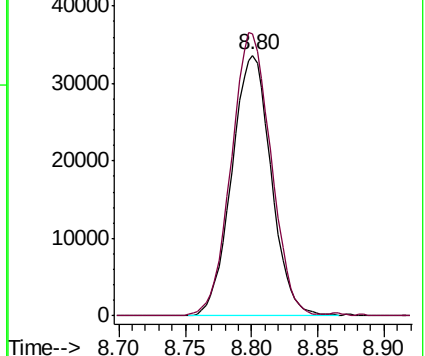
130 100

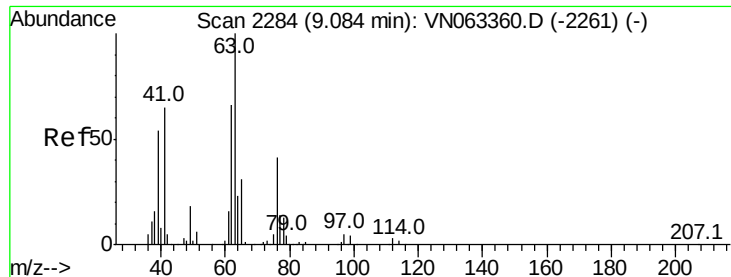
95 107.5 0.0 217.4



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: 18.652 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

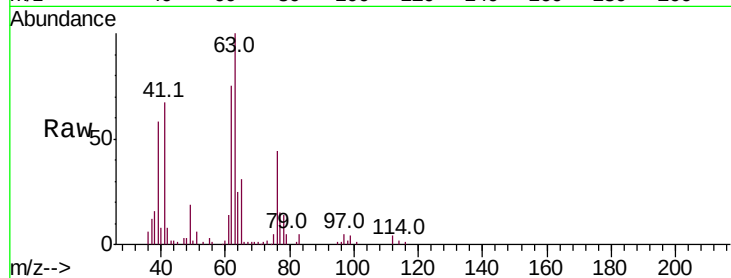
VN0921WBS01

Tot Ion: 63 Resp: 75538

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

40000

30000

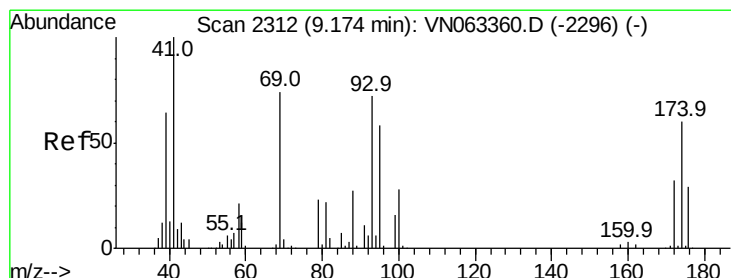
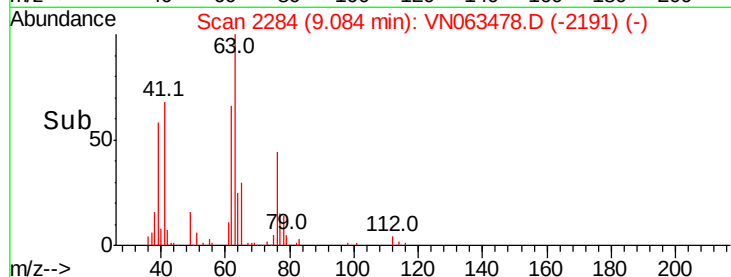
20000

10000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 18.983 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

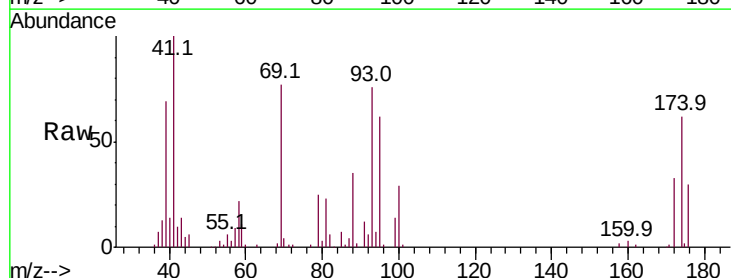
Tgt Ion: 93 Resp: 50531

Ion Ratio Lower Upper

93 100

95 81.1 65.6 98.4

174 82.6 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

30000

25000

20000

15000

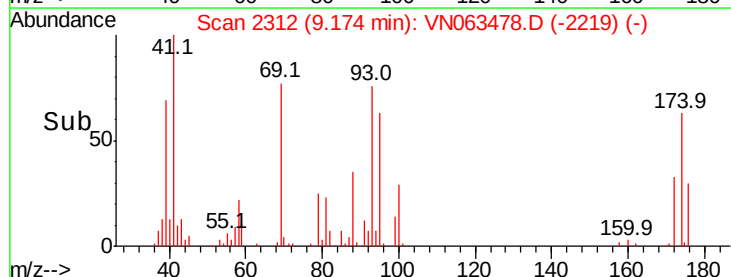
10000

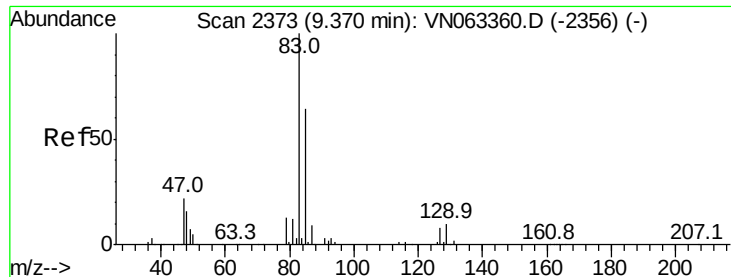
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 18.453 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

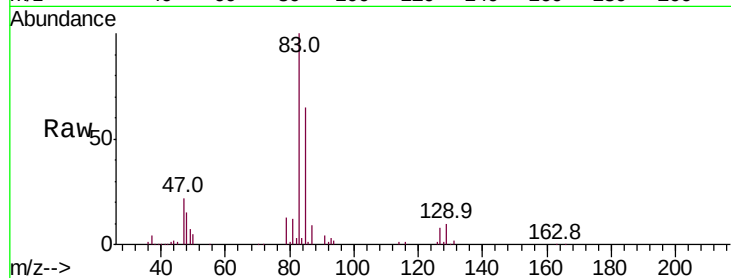
Tot Ion: 83 Resp: 102042

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.6

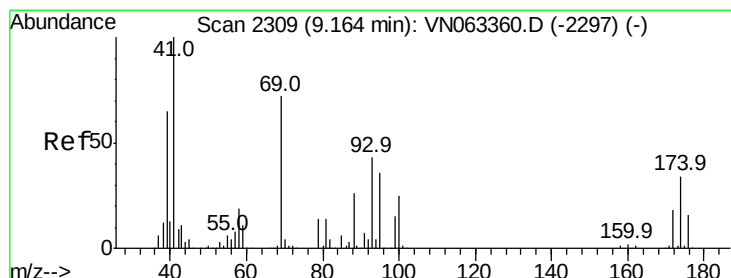
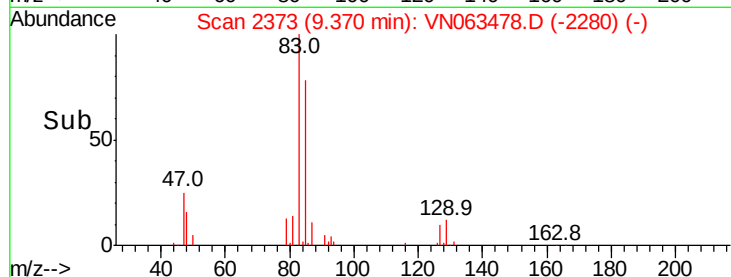
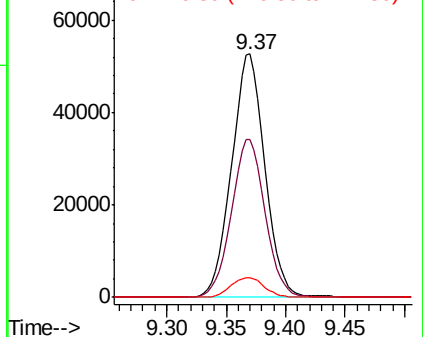
127 8.3 6.3 9.5



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): V



#48

Methyl methacrylate

Concen: 17.580 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

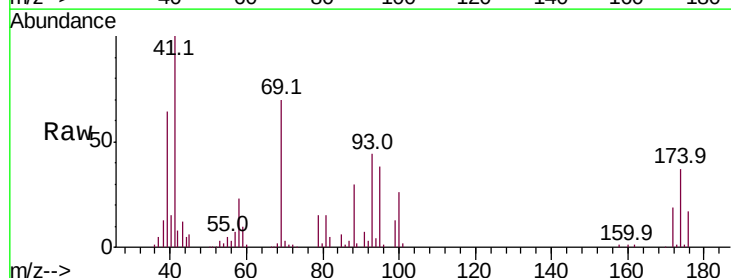
Tgt Ion: 41 Resp: 78960

Ion Ratio Lower Upper

41 100

69 76.6 59.3 88.9

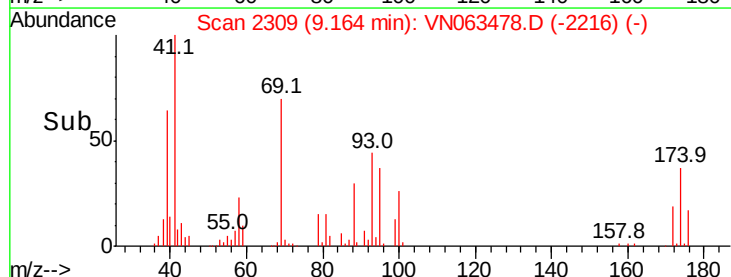
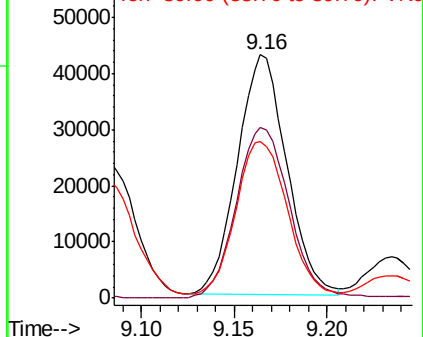
39 68.9 52.9 79.3

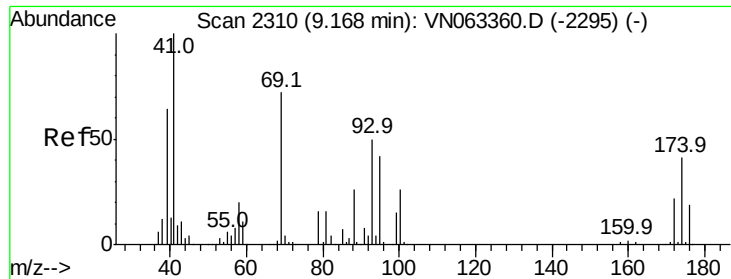


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

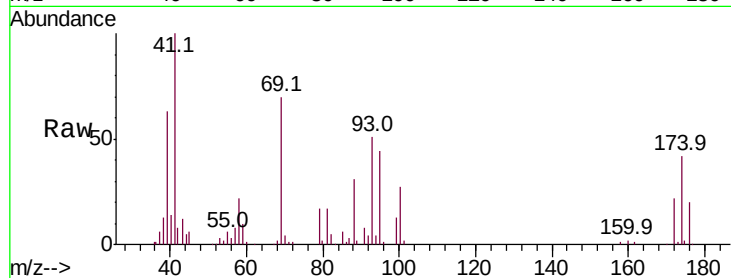




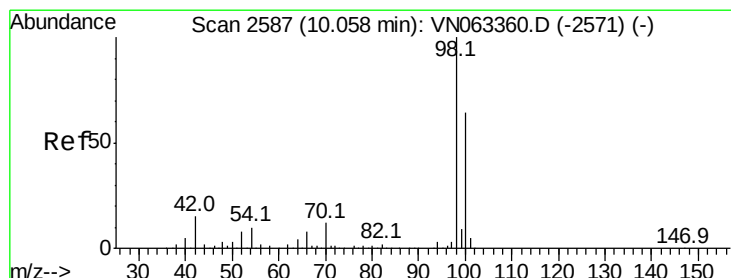
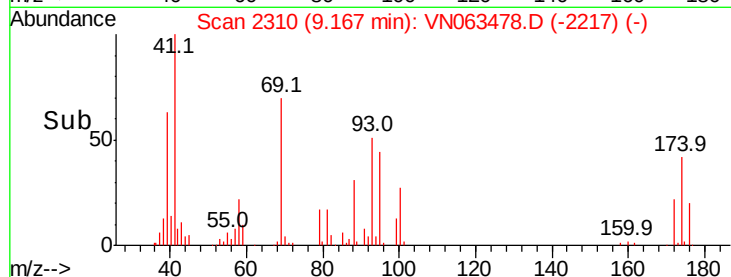
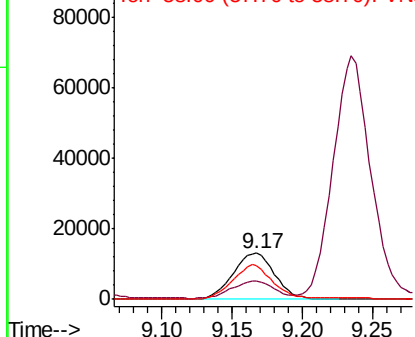
#49
1,4-Dioxane
Concen: 421.777 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion: 88 Resp: 27185
Ion Ratio Lower Upper
88 100
43 38.1 32.6 49.0
58 72.6 60.0 90.0

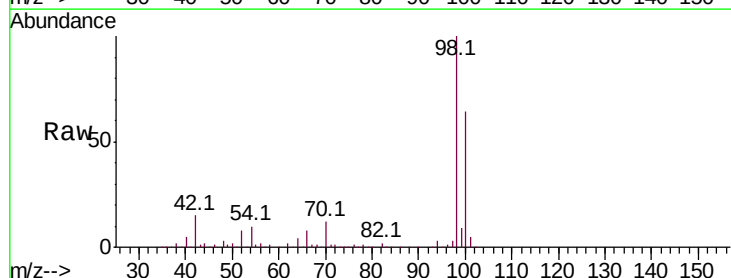


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

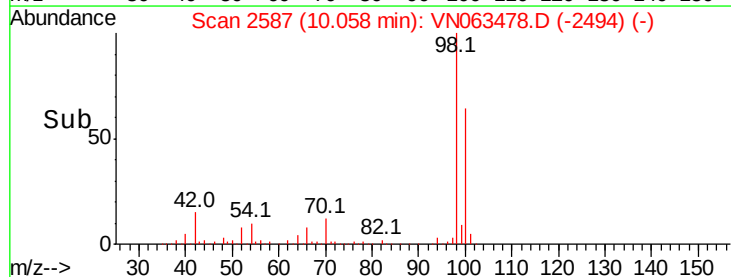
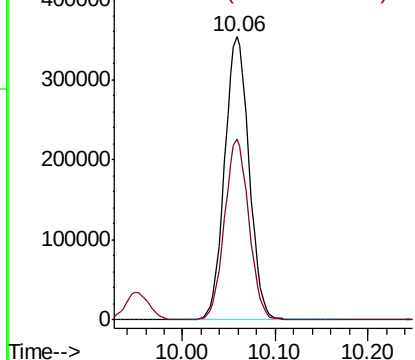


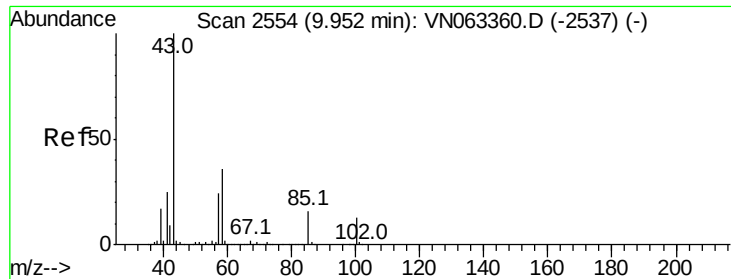
#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 98 Resp: 646540
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 92.379 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

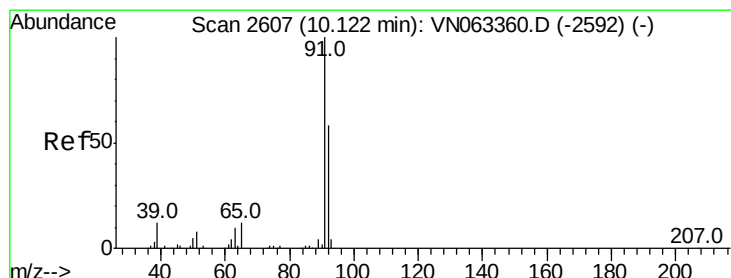
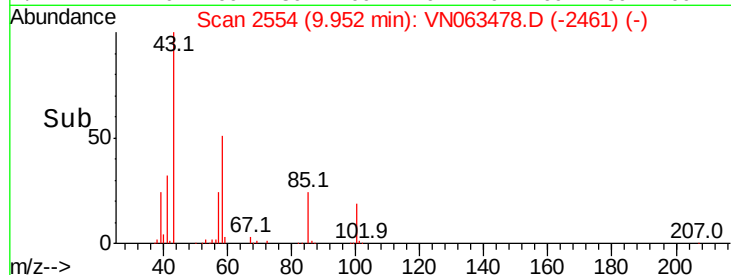
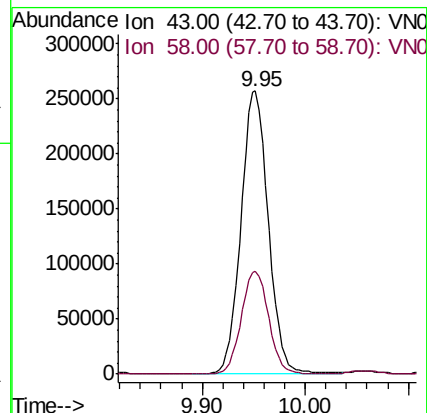
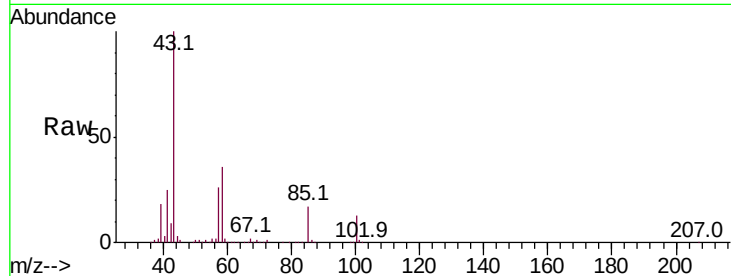
VN0921WBS01

Tot Ion: 43 Resp: 472779

Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.6



#52

Toluene

Concen: 19.026 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063478.D

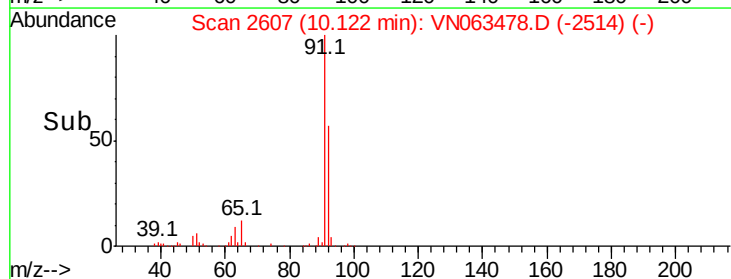
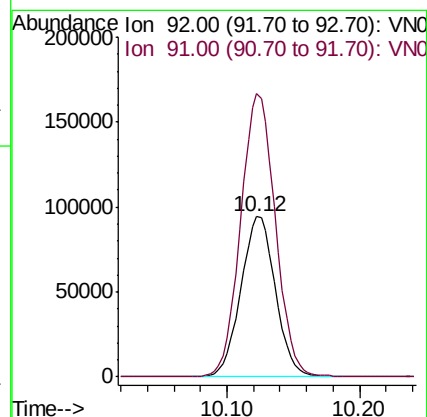
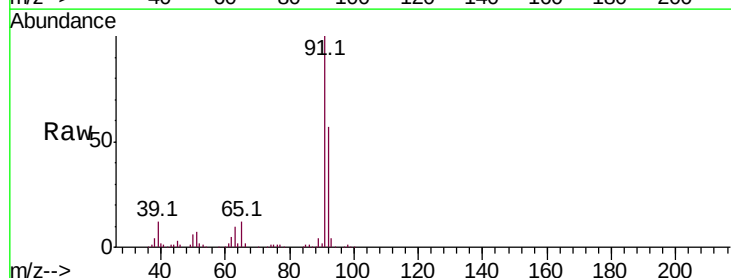
Acq: 21 Sep 2020 12:06

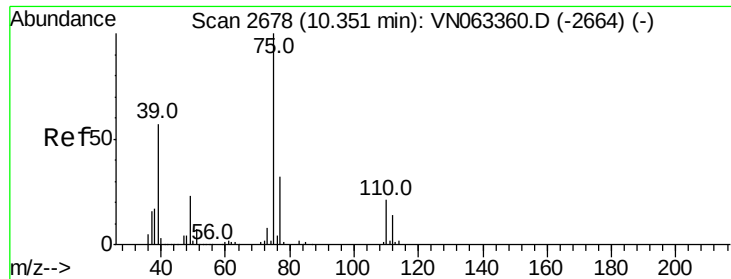
Tgt Ion: 92 Resp: 170102

Ion Ratio Lower Upper

92 100

91 177.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 18.333 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

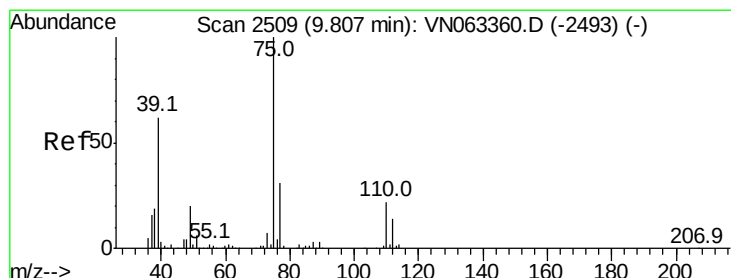
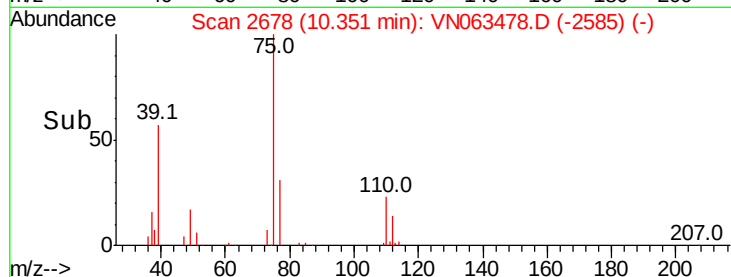
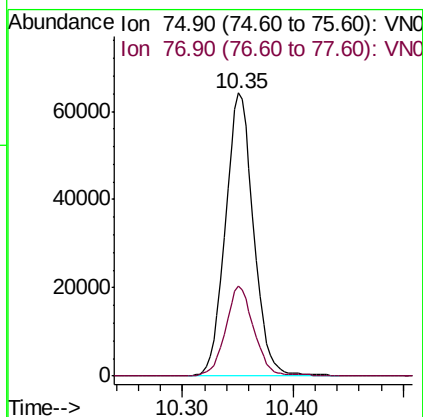
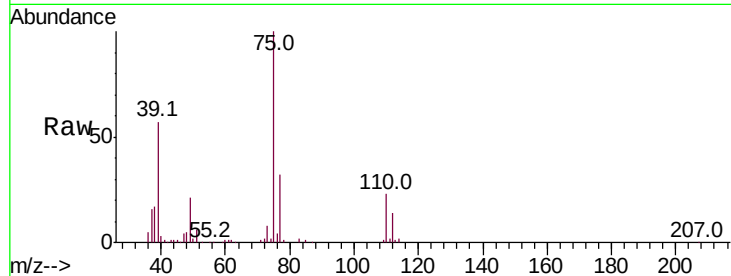
VN0921WBS01

Tot Ion: 75 Resp: 113181

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.152 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

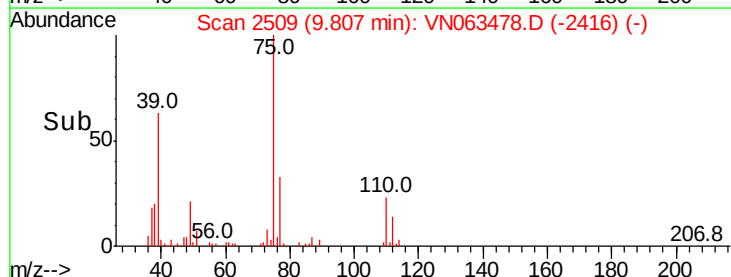
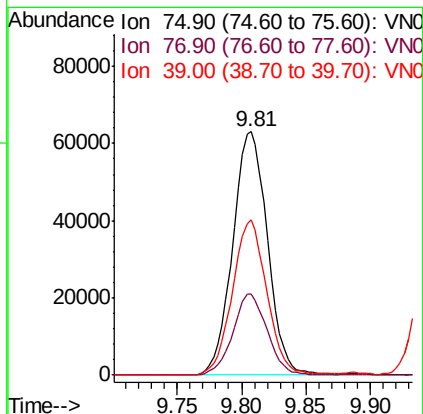
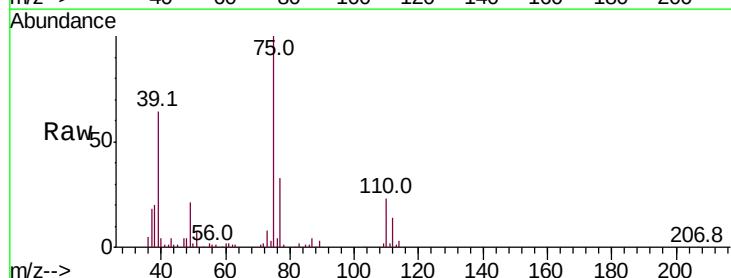
Tgt Ion: 75 Resp: 118201

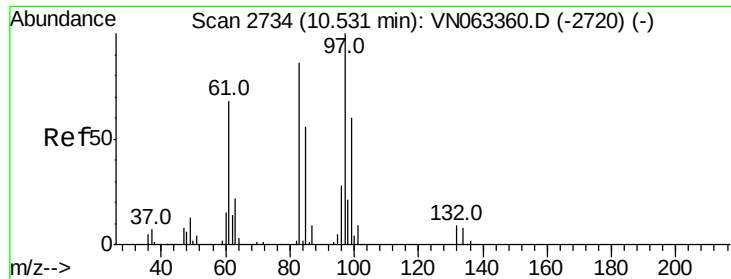
Ion Ratio Lower Upper

75 100

77 33.3 24.6 37.0

39 63.6 49.8 74.8

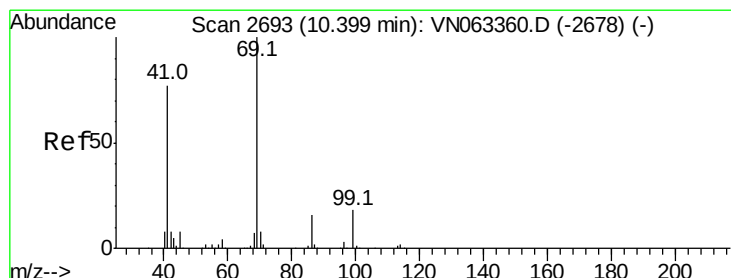
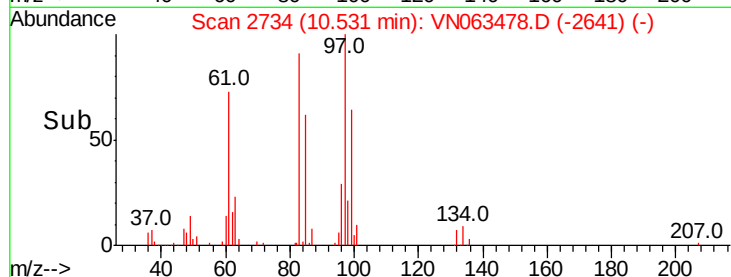
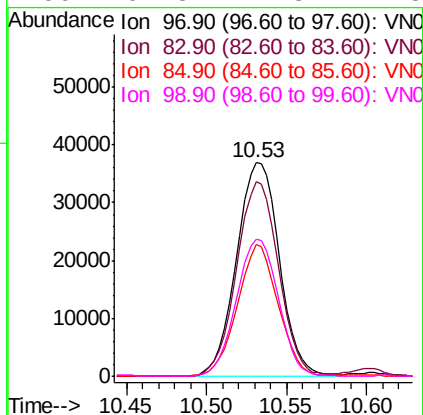
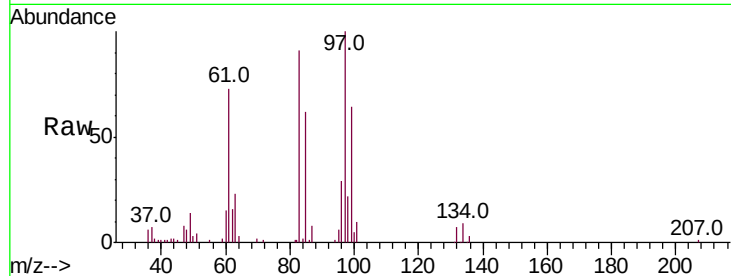




#55
 1,1,2-Trichloroethane
 Concen: 19.000 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

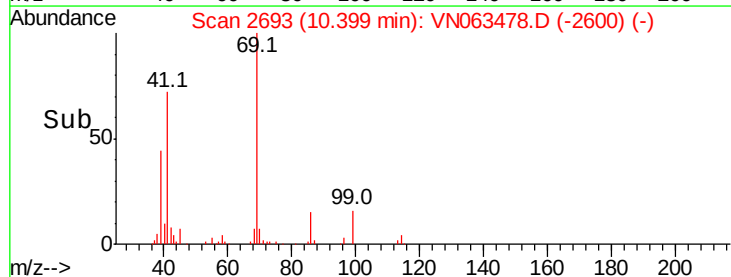
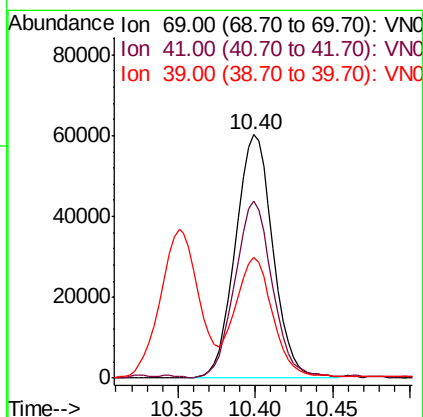
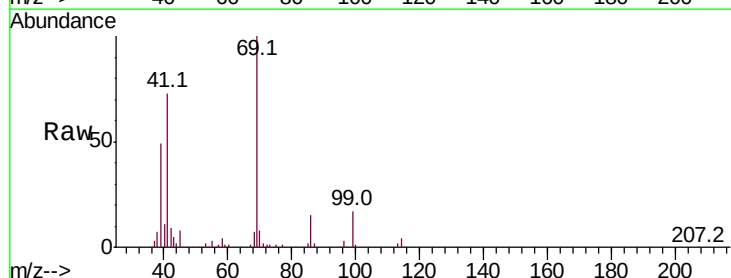
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS01

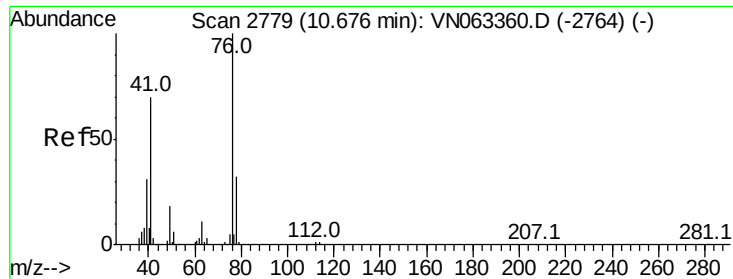
Tot Ion: 97 Resp: 67472
 Ion Ratio Lower Upper
 97 100
 83 91.0 68.9 103.3
 85 61.7 44.8 67.2
 99 64.3 47.8 71.8



#56
 Ethyl methacrylate
 Concen: 18.333 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion: 69 Resp: 101631
 Ion Ratio Lower Upper
 69 100
 41 71.8 61.0 91.6
 39 48.6 39.2 58.8





#57

1,3-Dichloropropane

Concen: 18.278 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

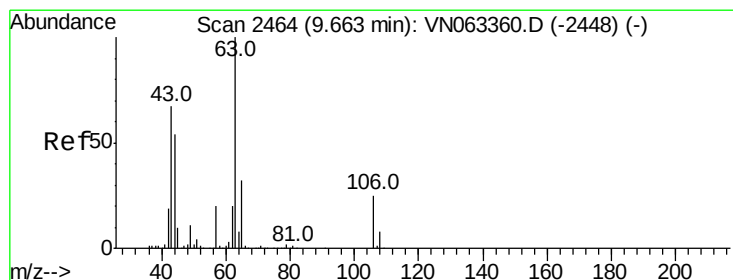
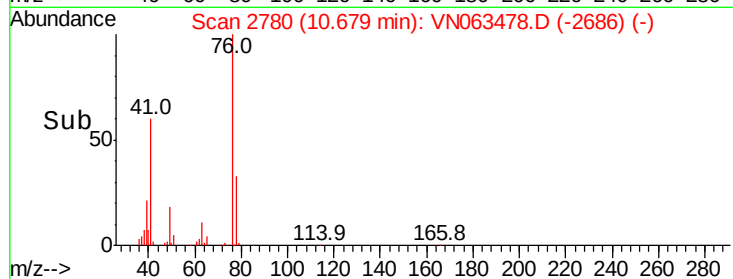
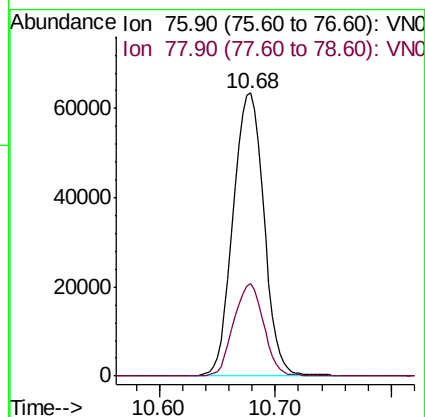
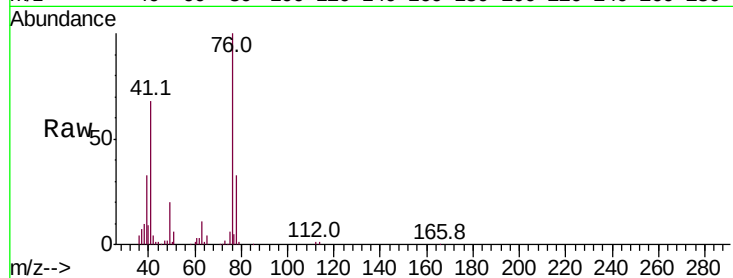
VN0921WBS01

Tot Ion: 76 Resp: 117049

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 88.902 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063478.D

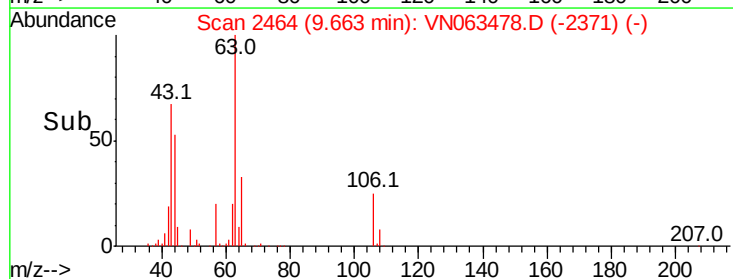
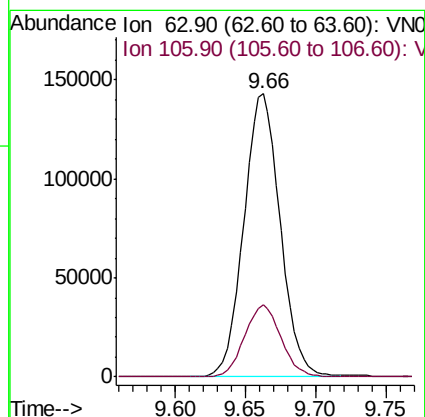
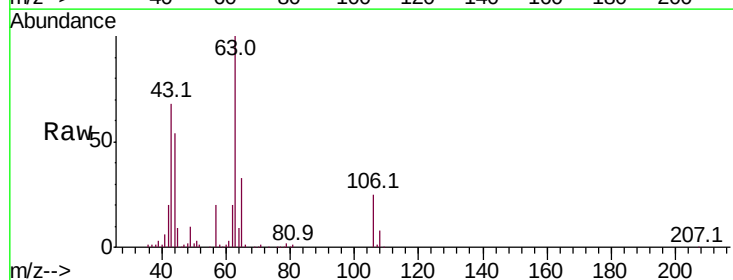
Acq: 21 Sep 2020 12:06

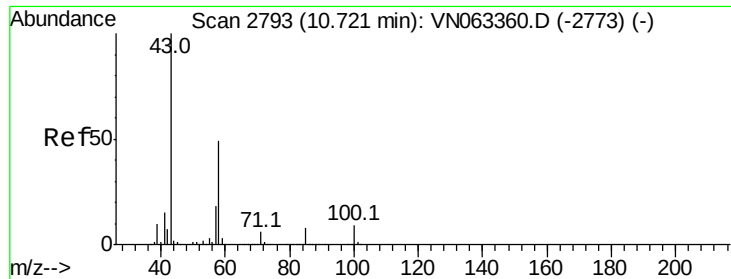
Tgt Ion: 63 Resp: 258540

Ion Ratio Lower Upper

63 100

106 25.6 19.5 29.3

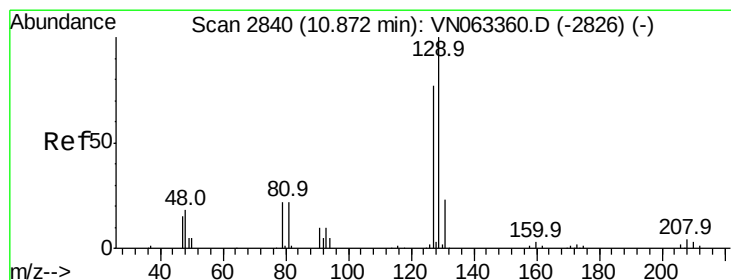
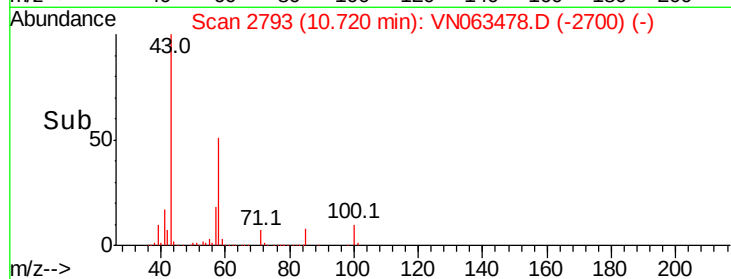
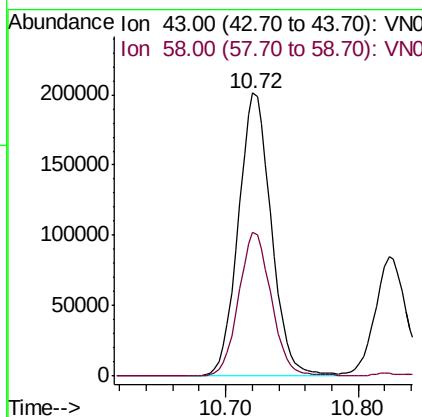
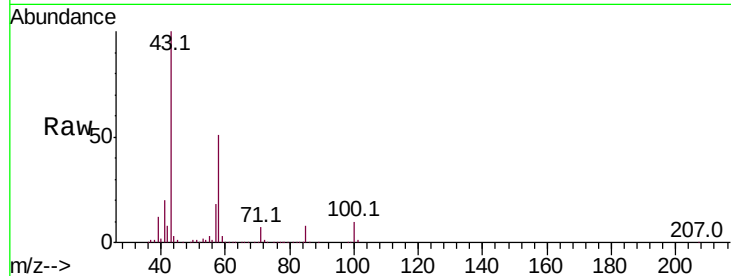




#59
2-Hexanone
Concen: 92.952 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

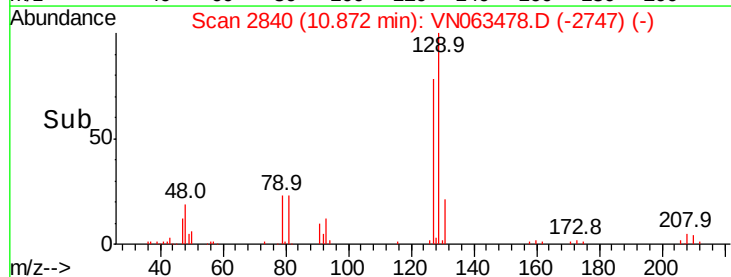
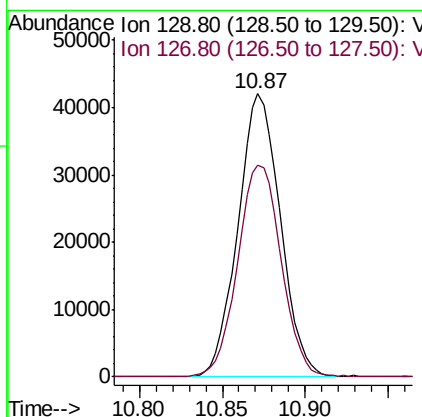
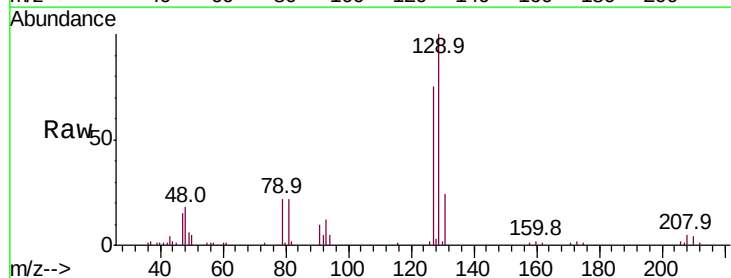
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

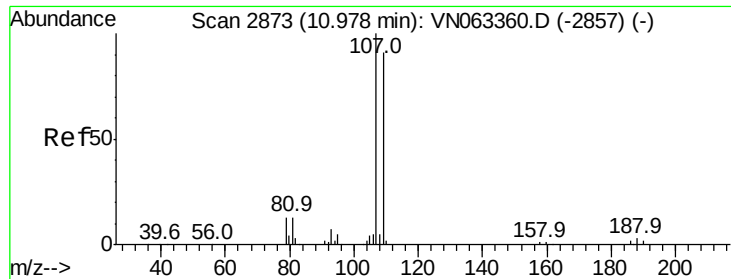
Tot Ion: 43 Resp: 344638
Ion Ratio Lower Upper
43 100
58 50.9 24.7 74.1



#60
Dibromochloromethane
Concen: 18.649 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 129 Resp: 74819
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

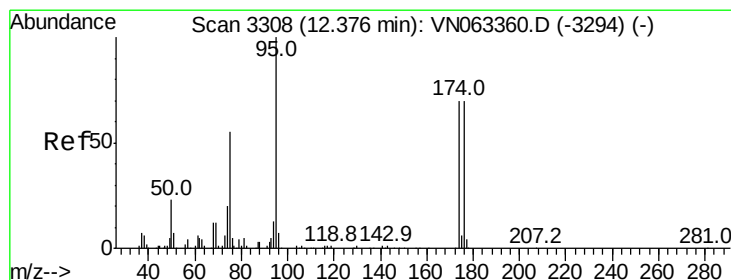
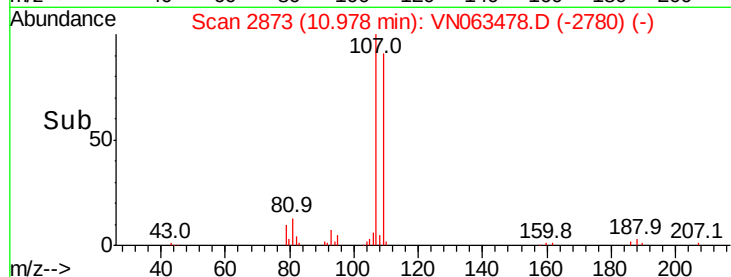
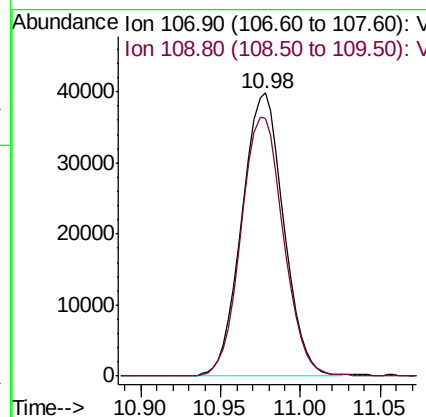
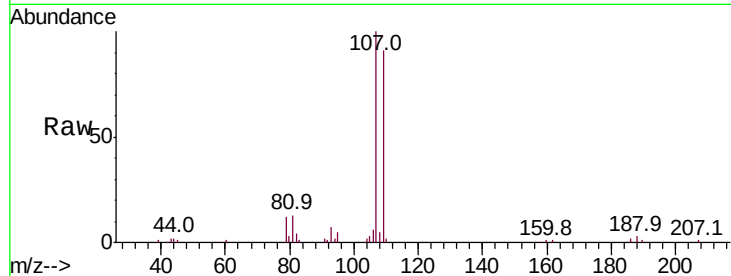




#61
 1,2-Dibromoethane
 Concen: 19.263 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

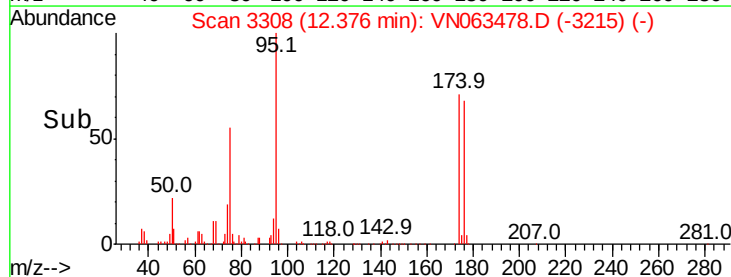
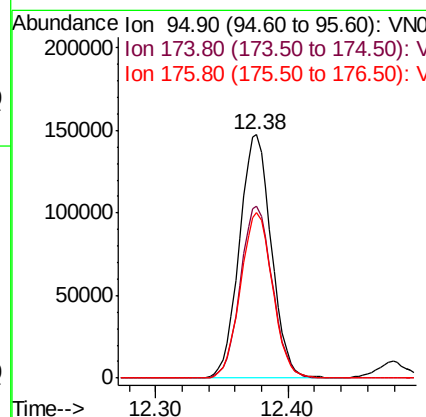
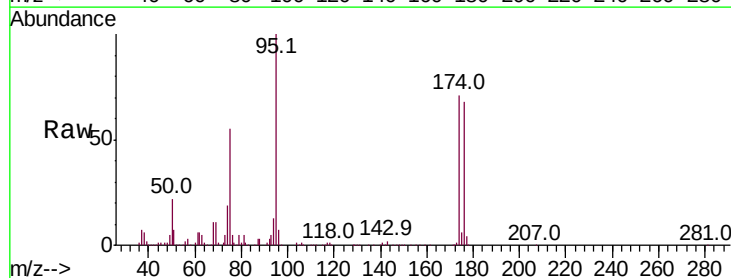
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

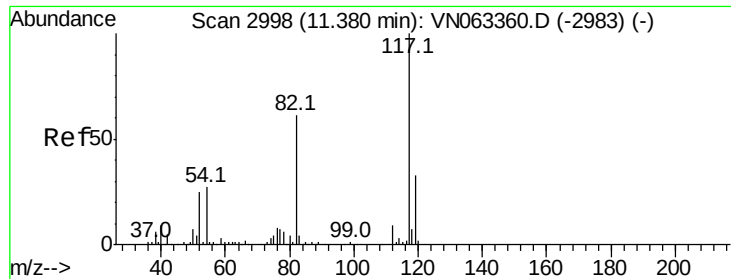
Tot Ion:107 Resp: 71067
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 52.806 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion: 95 Resp: 246382
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 140.8
 176 68.3 0.0 137.6

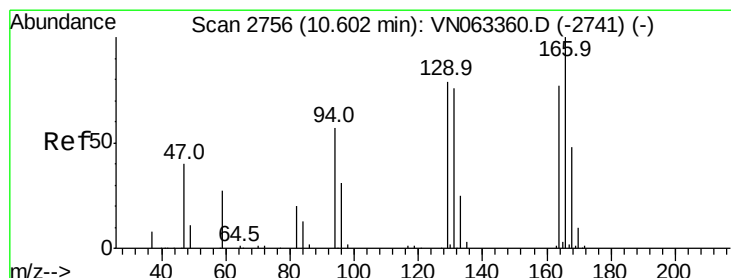
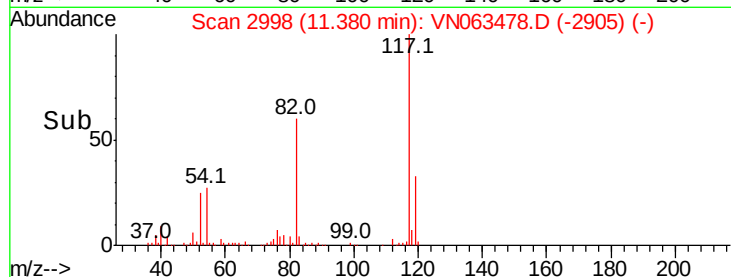
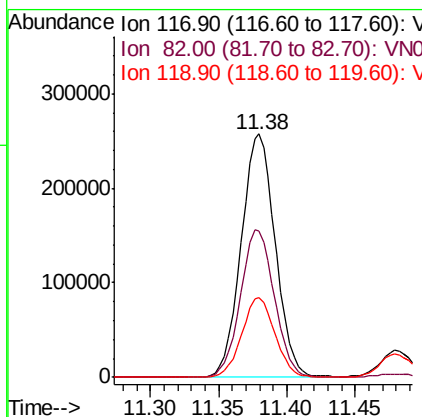
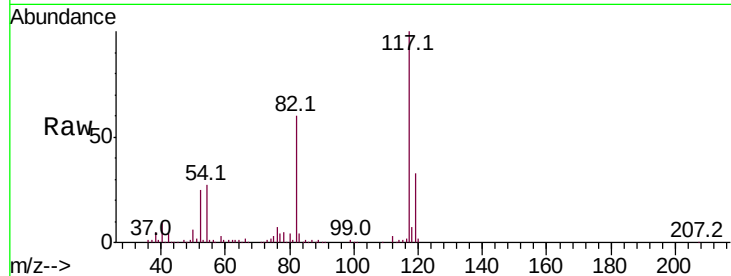




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

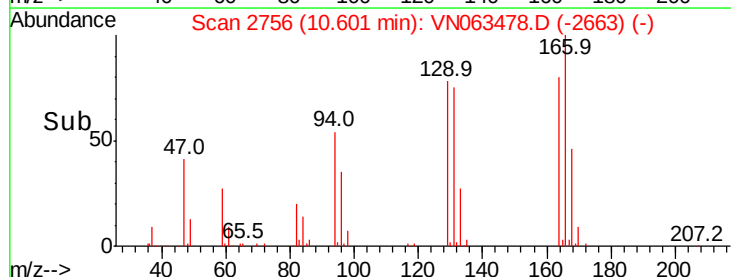
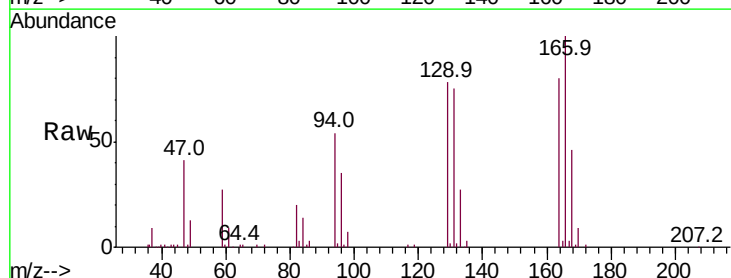
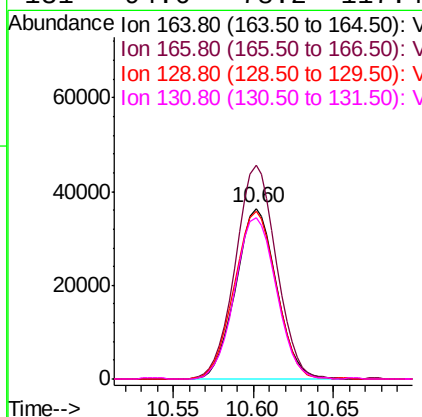
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

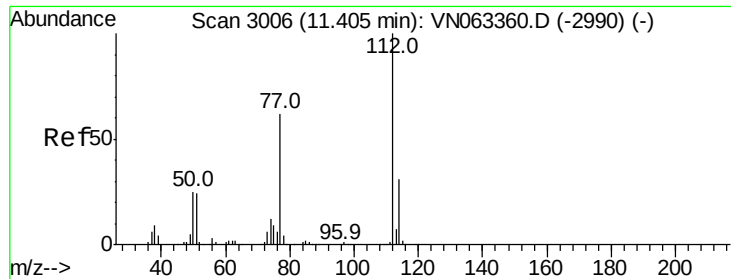
Tot Ion:117 Resp: 445845
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 20.726 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion:164 Resp: 62921
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.0
129 98.3 81.8 122.6
131 94.6 78.2 117.4

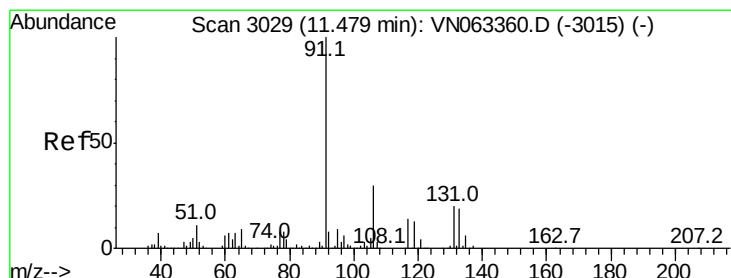
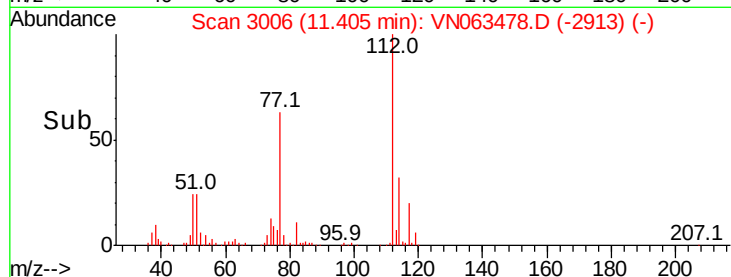
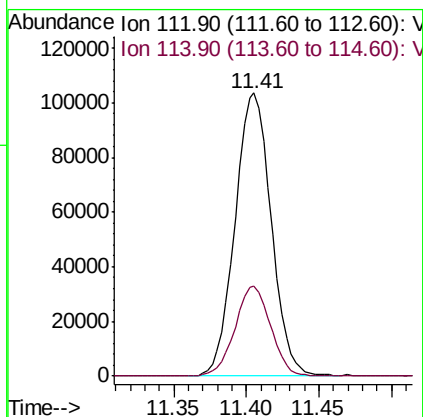
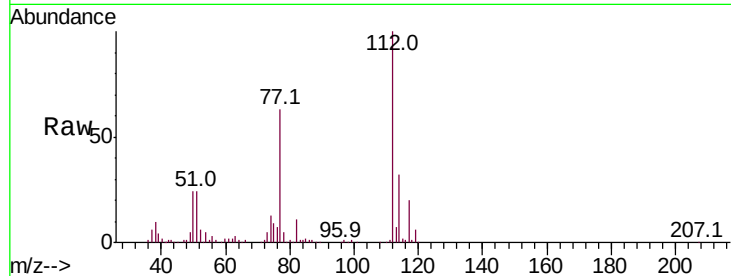




#65
Chlorobenzene
Concen: 18.963 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

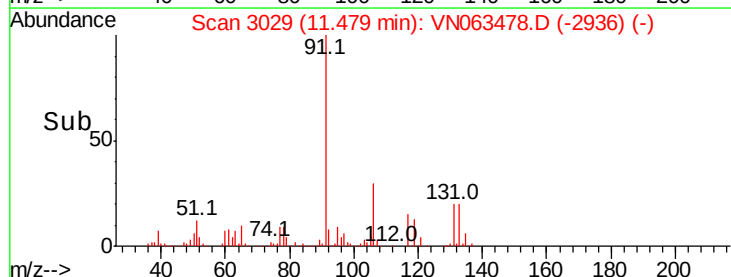
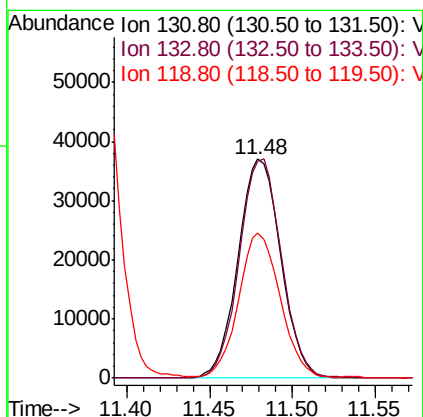
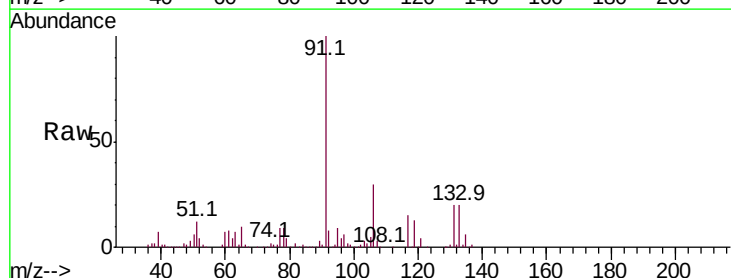
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

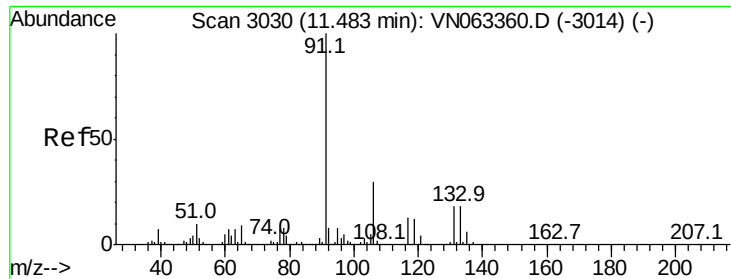
Tot Ion:112 Resp: 179470
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.098 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion:131 Resp: 66253
Ion Ratio Lower Upper
131 100
133 99.3 47.3 141.9
119 64.0 33.6 100.8

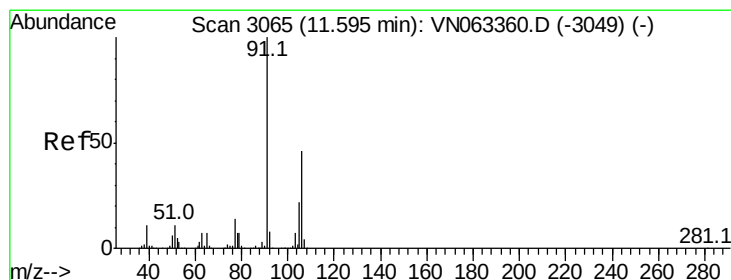
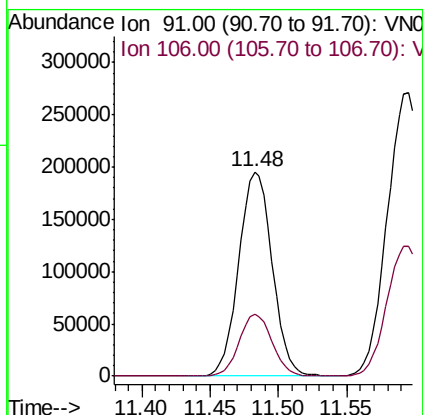
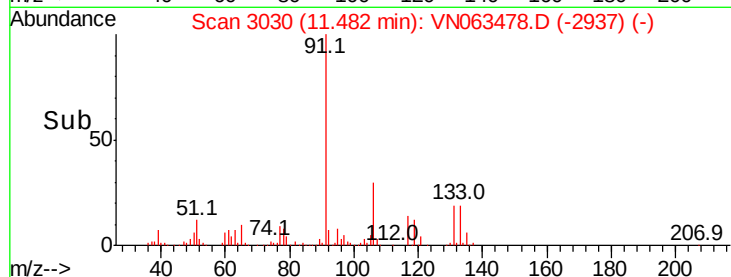
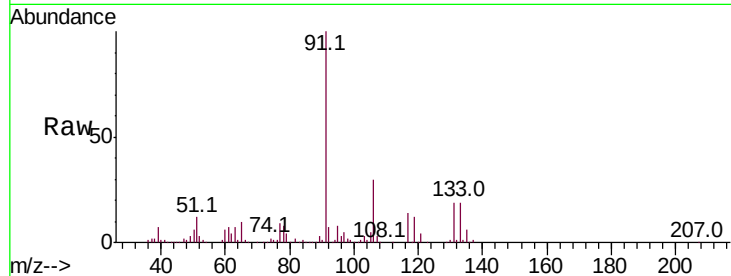




#67
Ethyl Benzene
Concen: 18.701 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

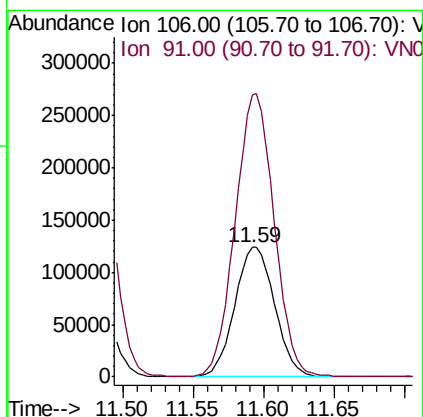
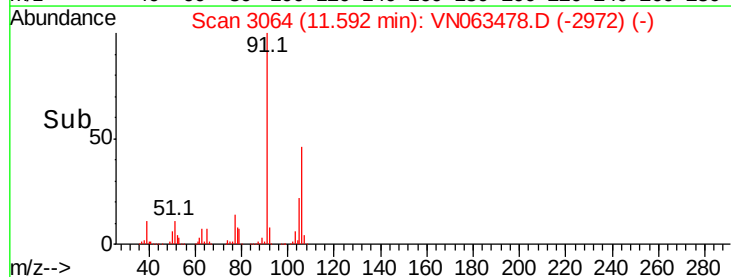
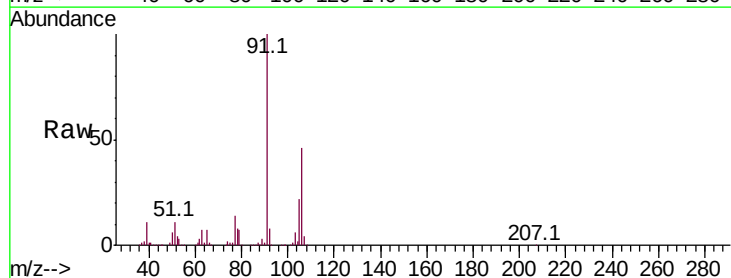
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

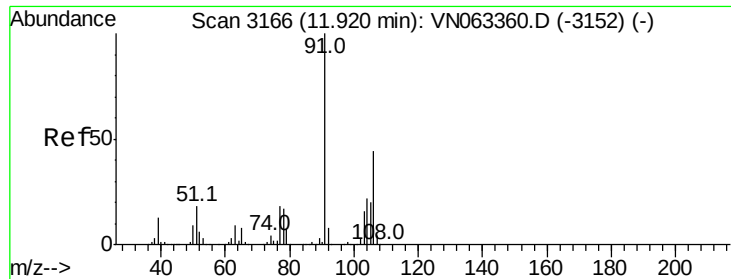
Tot Ion: 91 Resp: 333300
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6



#68
m/p-Xylenes
Concen: 38.183 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 106 Resp: 245361
Ion Ratio Lower Upper
106 100
91 213.2 171.2 256.8

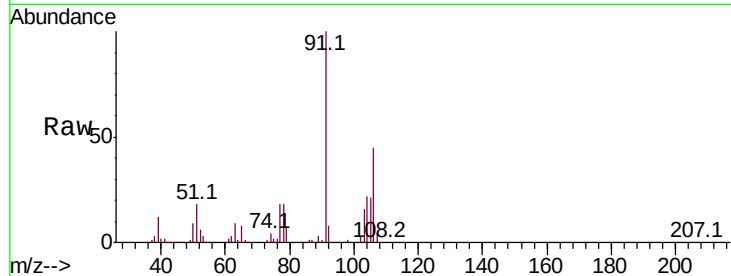




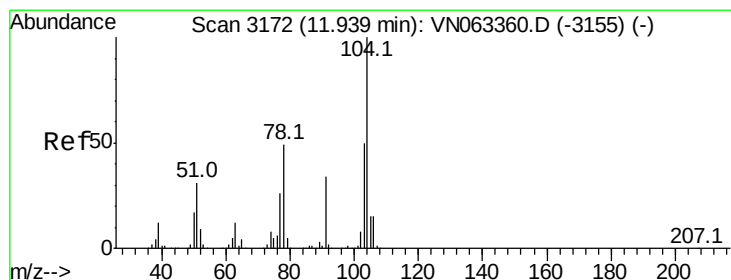
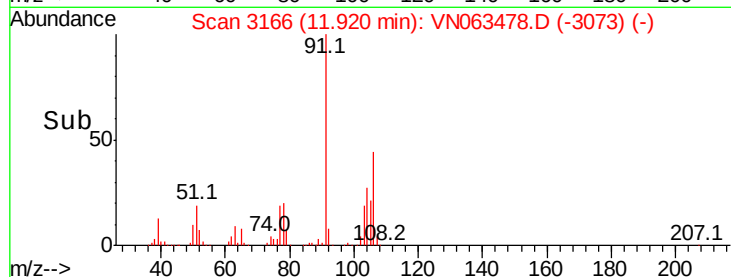
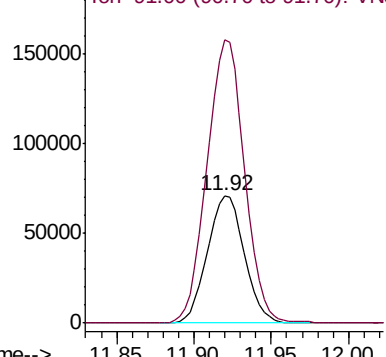
#69
o-Xylene
Concen: 19.290 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tot Ion:106 Resp: 118082
Ion Ratio Lower Upper
106 100
91 225.1 113.6 340.8

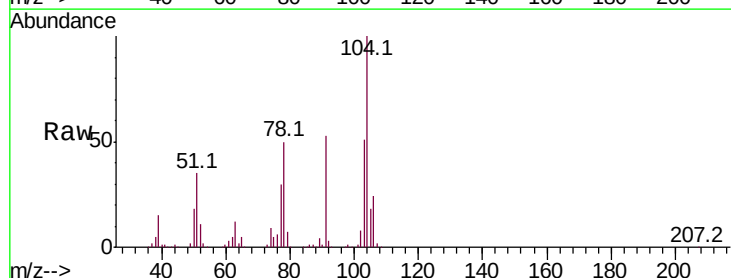


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

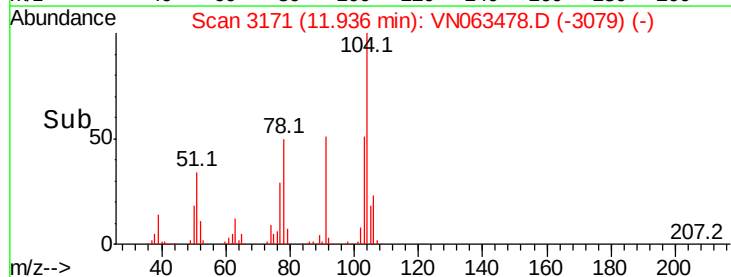
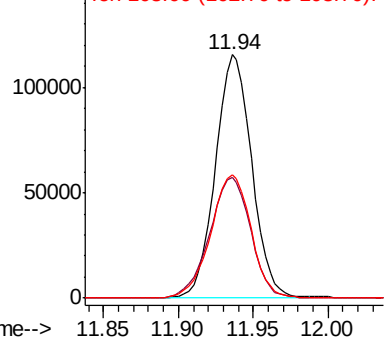


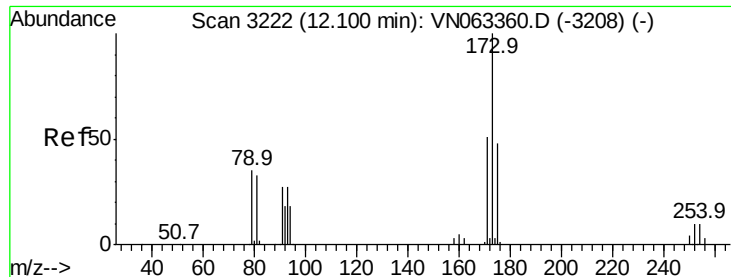
#70
Styrene
Concen: 19.060 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion:104 Resp: 195661
Ion Ratio Lower Upper
104 100
78 56.2 44.4 66.6
103 56.4 43.7 65.5



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





#71

Bromoform

Concen: 18.648 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

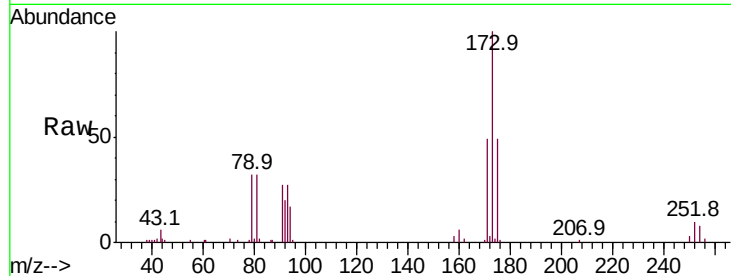
Tot Ion:173 Resp: 48194

Ion Ratio Lower Upper

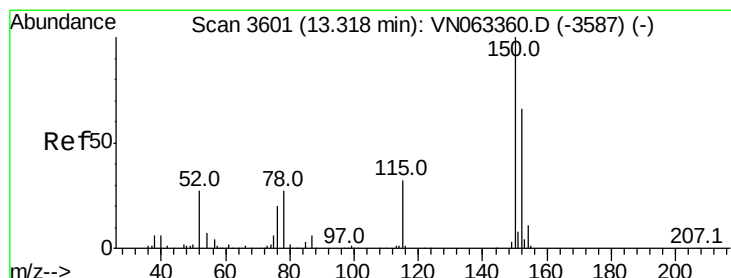
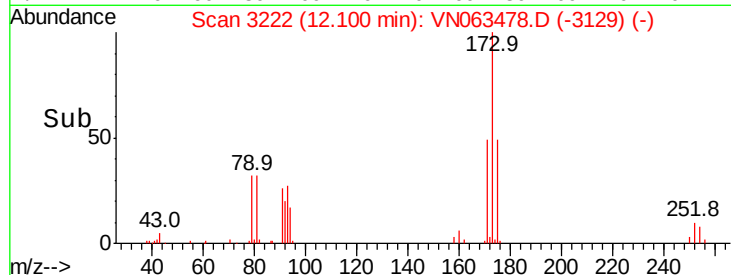
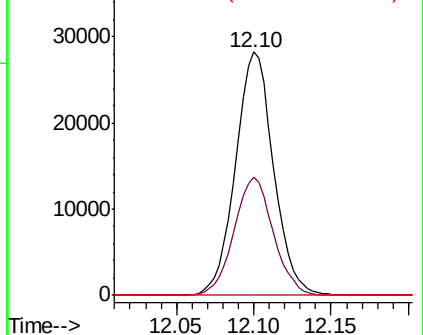
173 100

175 49.7 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# 3600

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

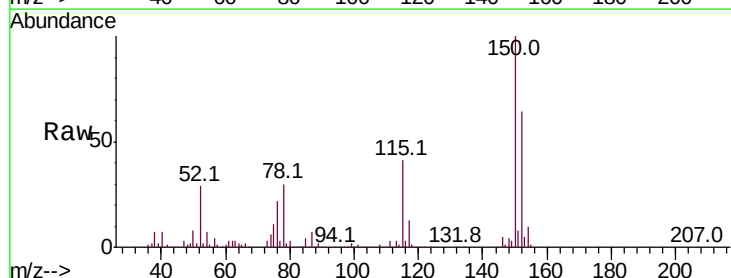
Tgt Ion:152 Resp: 212014

Ion Ratio Lower Upper

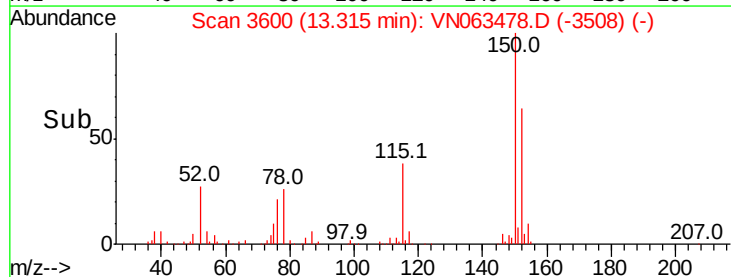
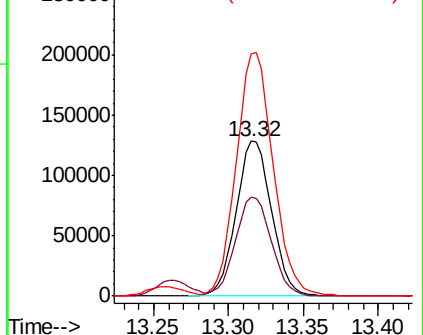
152 100

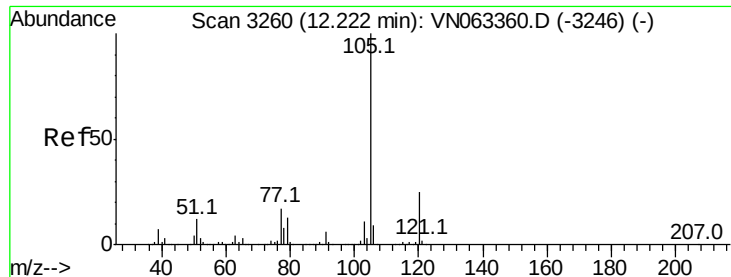
115 64.5 32.2 96.6

150 163.3 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: 18.800 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

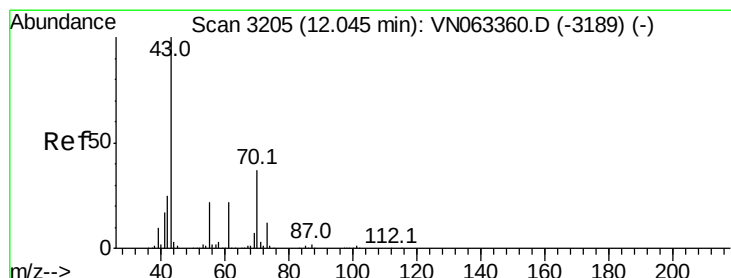
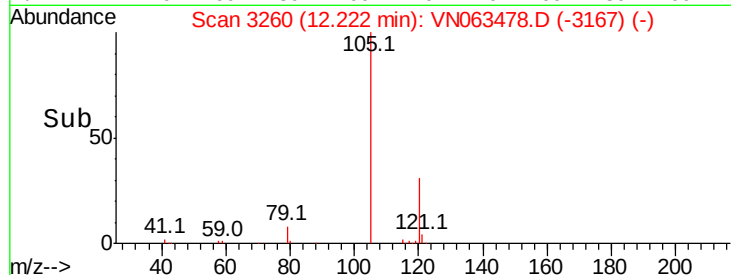
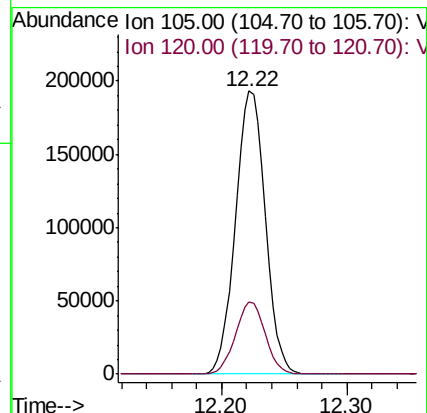
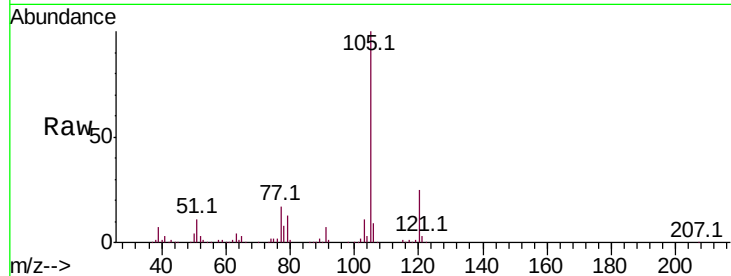
VN0921WBS01

Tot Ion:105 Resp: 319397

Ion Ratio Lower Upper

105 100

120 25.2 12.7 38.0



#74

N-ethyl acetate

Concen: 17.291 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion: 43 Resp: 139063

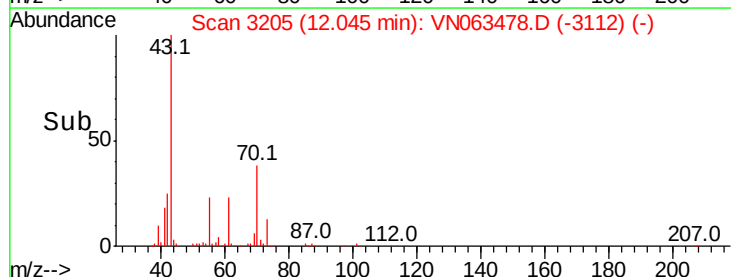
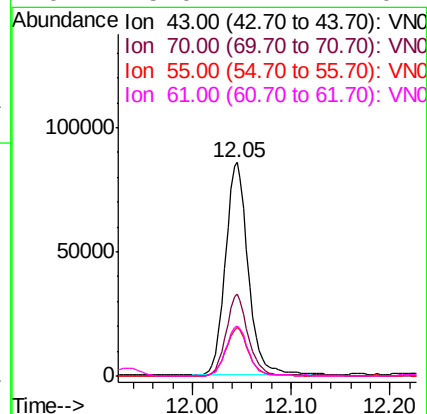
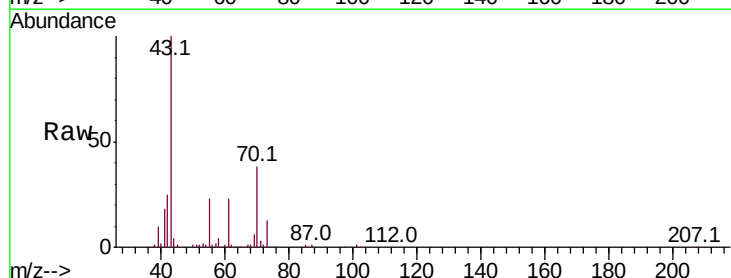
Ion Ratio Lower Upper

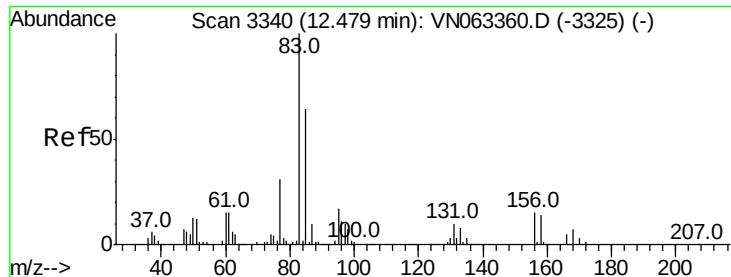
43 100

70 37.4 29.6 44.4

55 23.0 17.7 26.5

61 23.0 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.398 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

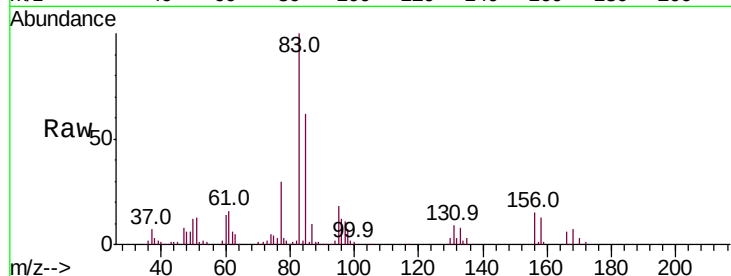
Tot Ion: 83 Resp: 96781

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

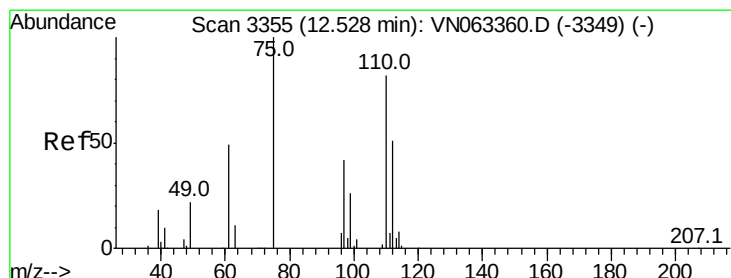
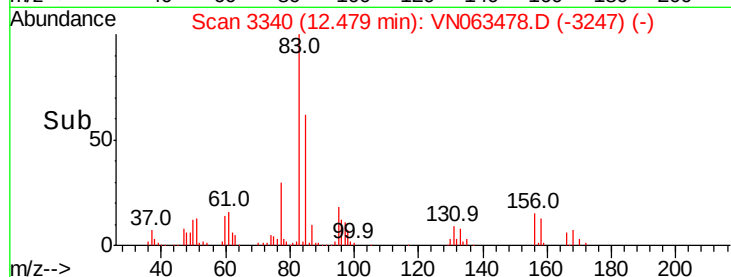
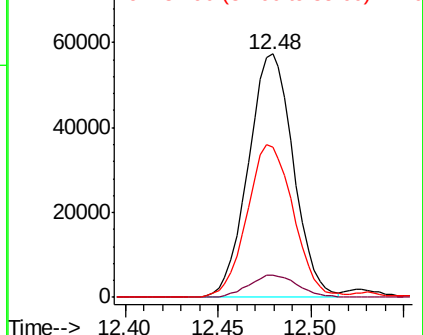
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.188 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063478.D

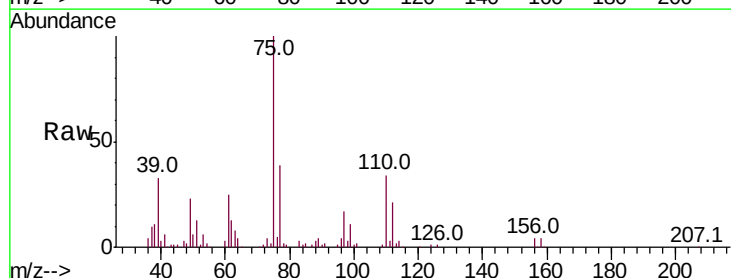
Acq: 21 Sep 2020 12:06

Tgt Ion: 75 Resp: 137423

Ion Ratio Lower Upper

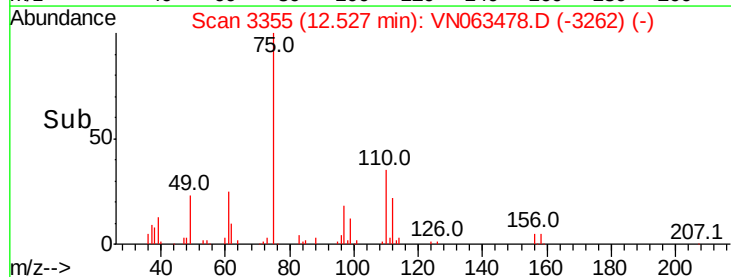
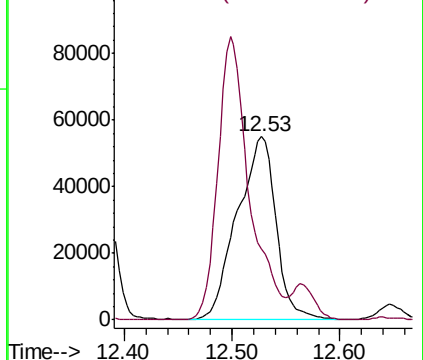
75 100

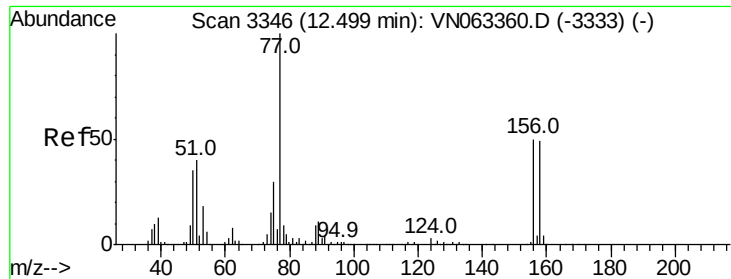
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.359 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

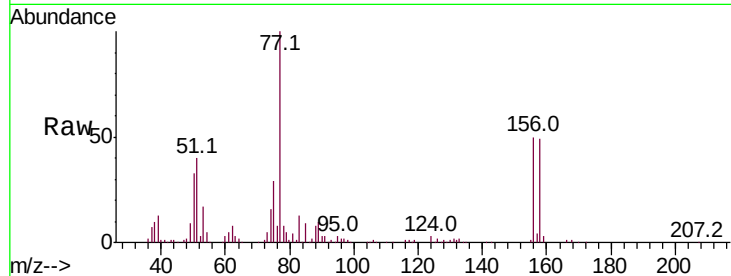
Tot Ion:156 Resp: 73985

Ion Ratio Lower Upper

156 100

77 233.4 120.2 360.6

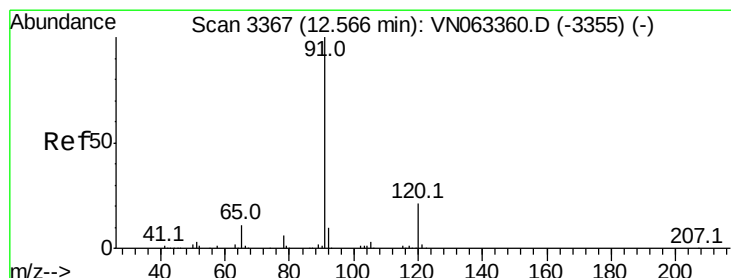
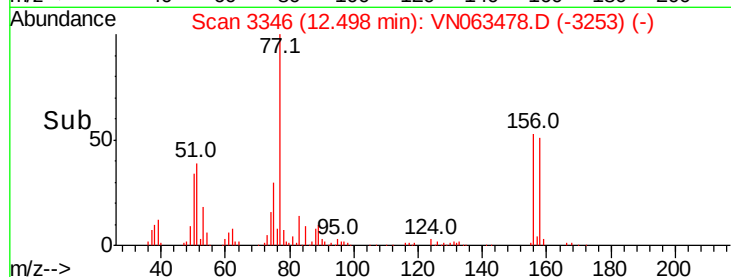
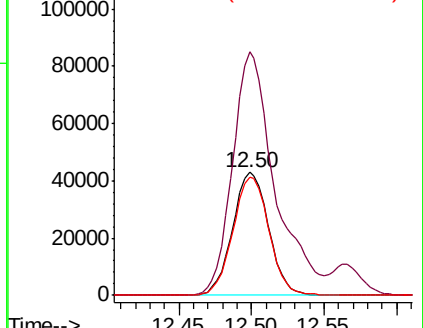
158 96.4 48.9 146.6



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: 18.754 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063478.D

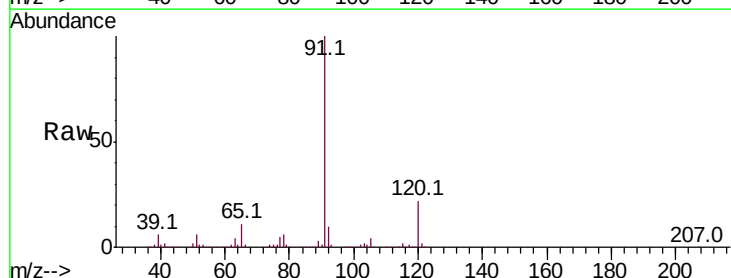
Acq: 21 Sep 2020 12:06

Tgt Ion: 91 Resp: 371106

Ion Ratio Lower Upper

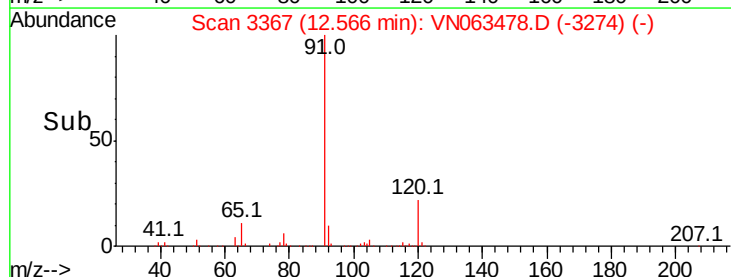
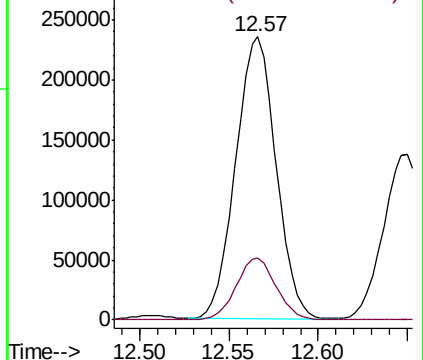
91 100

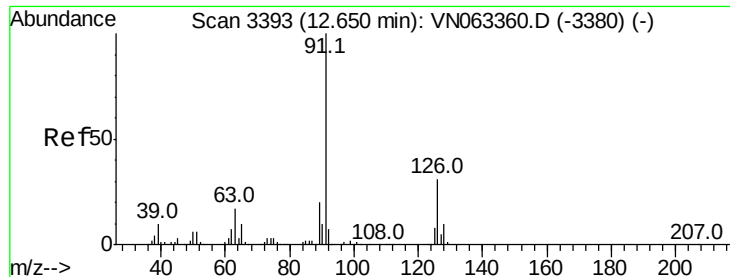
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.906 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

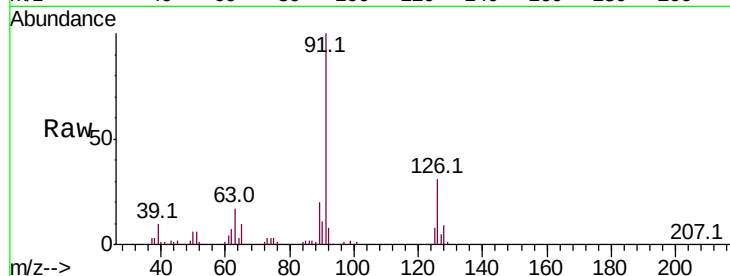
VN0921WBS01

Tot Ion: 91 Resp: 224264

Ion Ratio Lower Upper

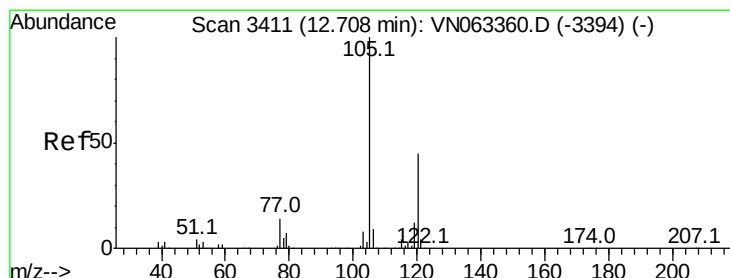
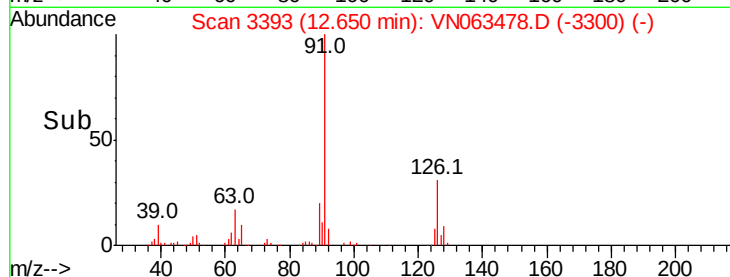
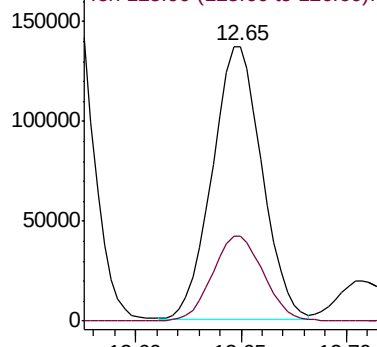
91 100

126 32.2 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.202 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063478.D

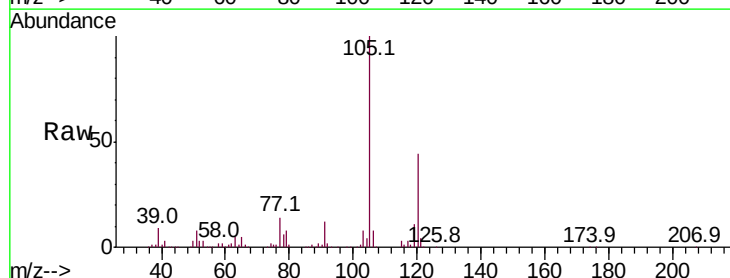
Acq: 21 Sep 2020 12:06

Tgt Ion:105 Resp: 272044

Ion Ratio Lower Upper

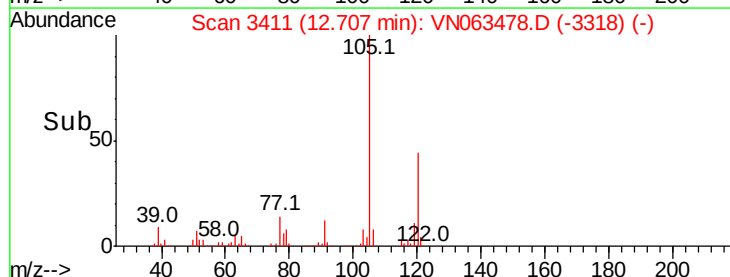
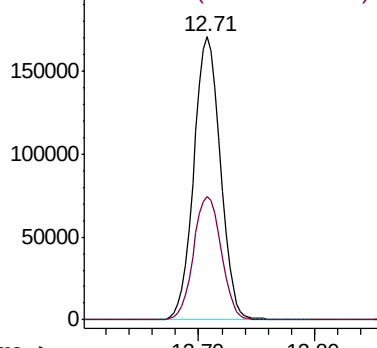
105 100

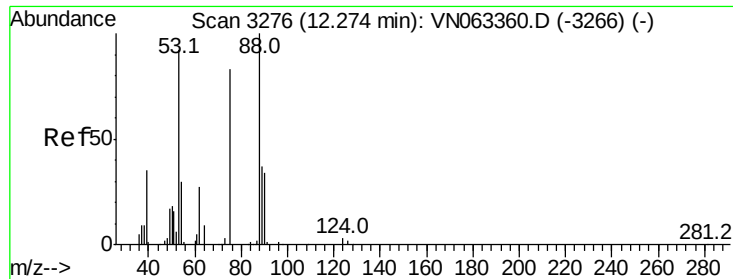
120 45.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

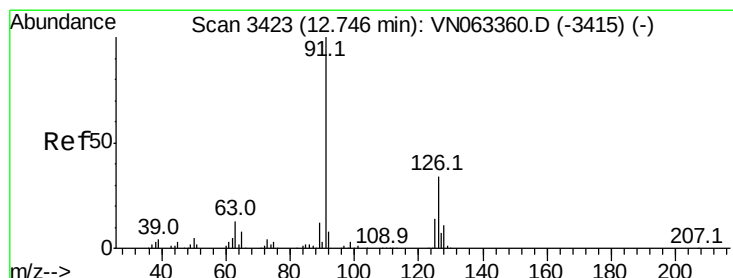
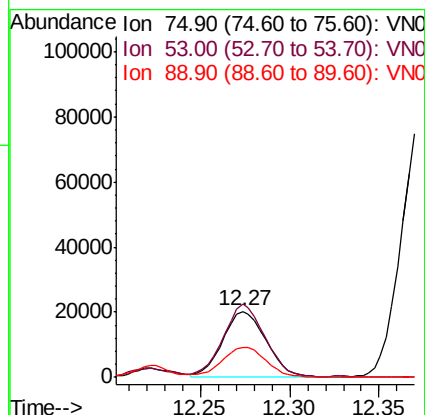
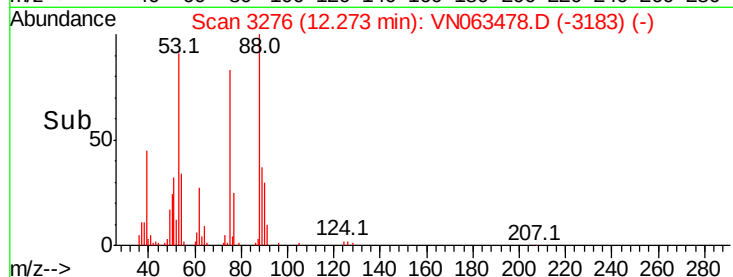
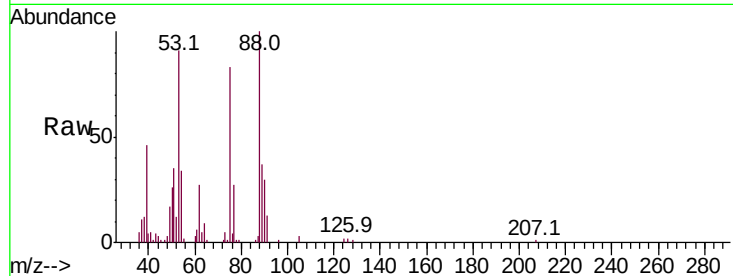




#81
trans-1,4-Dichloro-2-butene
Concen: 18.010 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

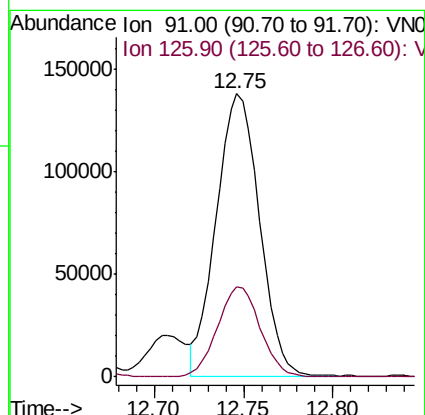
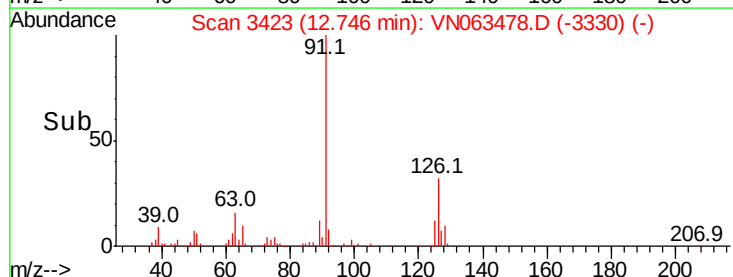
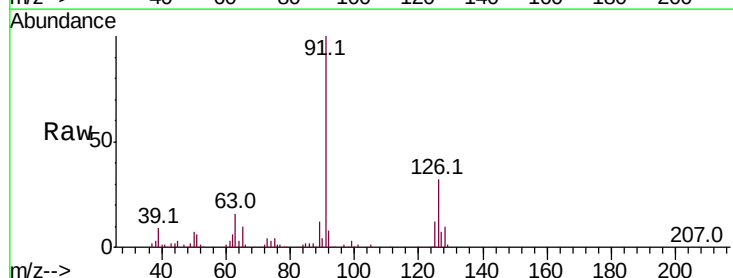
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

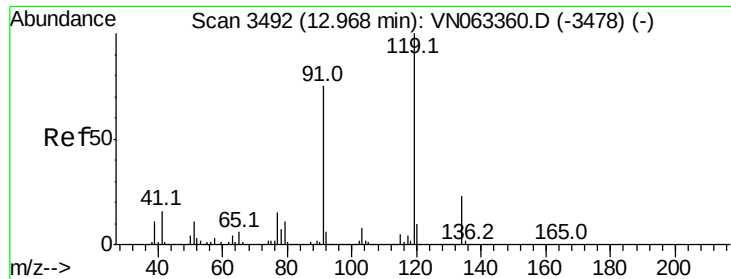
Tot Ion: 75 Resp: 34472
Ion Ratio Lower Upper
75 100
53 104.5 85.7 128.5
89 46.3 38.0 57.0



#82
4-Chlorotoluene
Concen: 18.388 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063478.D
Acq: 21 Sep 2020 12:06

Tgt Ion: 91 Resp: 230465
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5

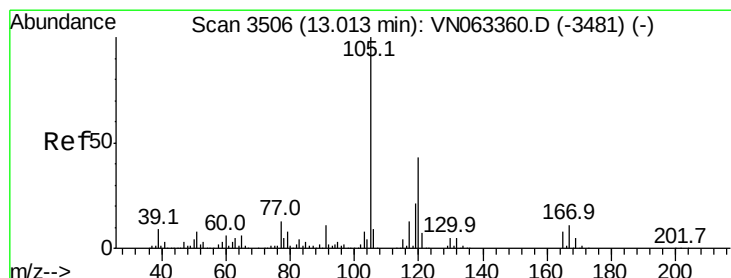
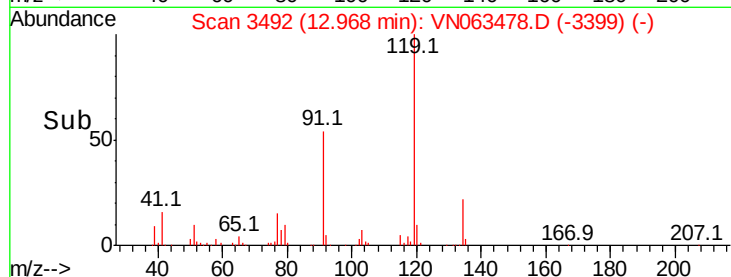
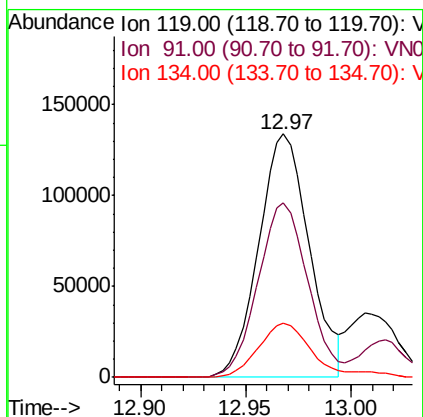
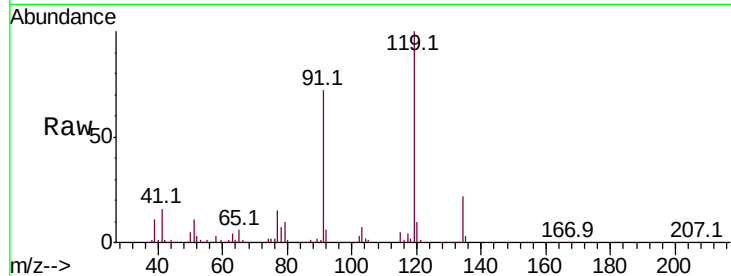




#83
 tert-Butylbenzene
 Concen: 19.087 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

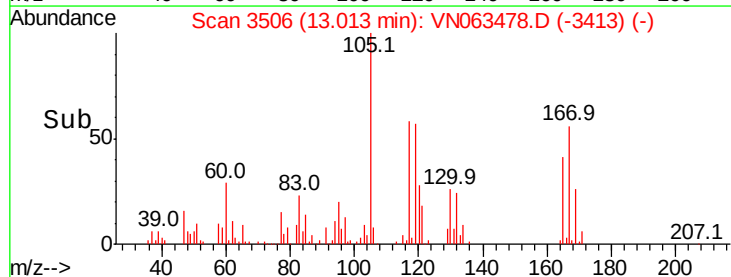
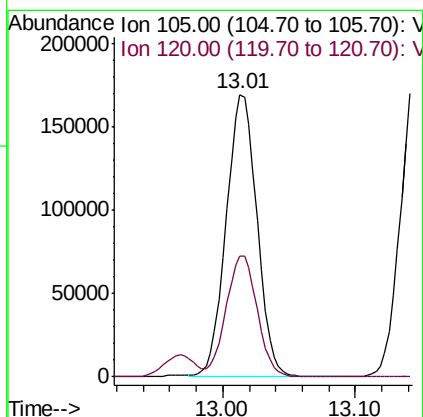
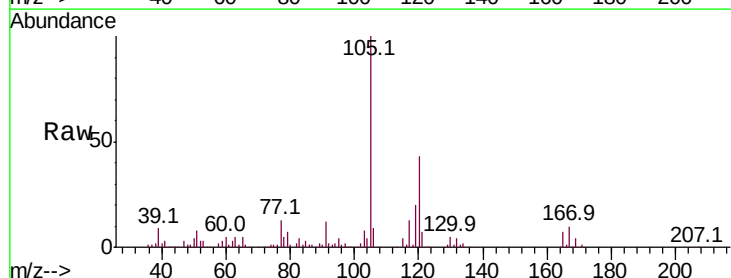
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS01

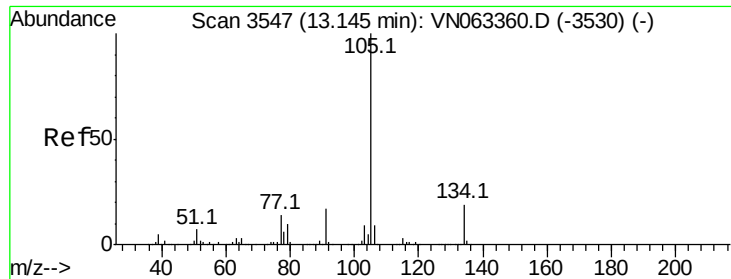
Tot Ion:119 Resp: 223184
 Ion Ratio Lower Upper
 119 100
 91 71.2 36.3 108.9
 134 22.7 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.051 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion:105 Resp: 272622
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.3 63.9





#85

sec-Butylbenzene

Concen: 18.890 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

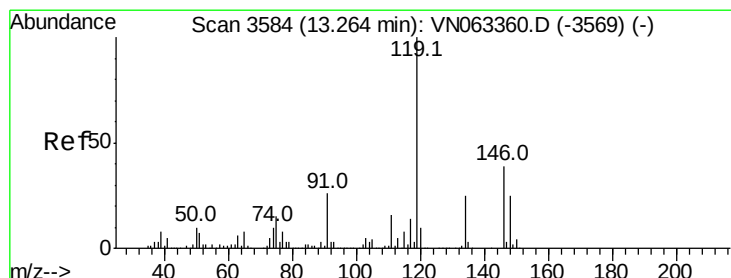
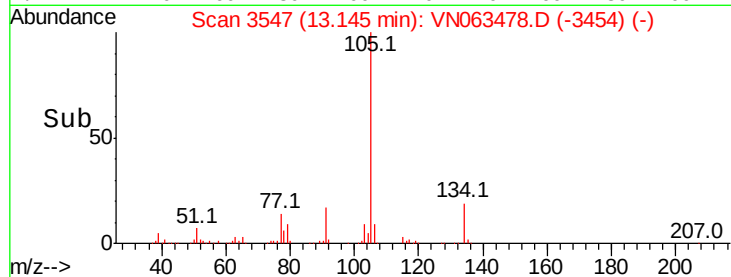
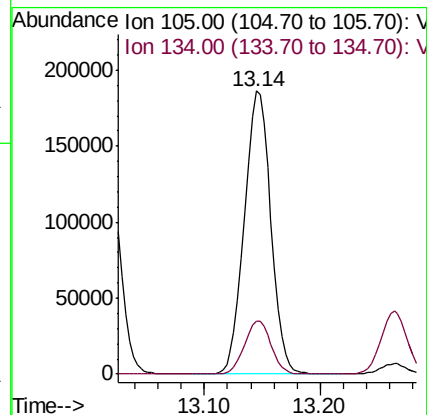
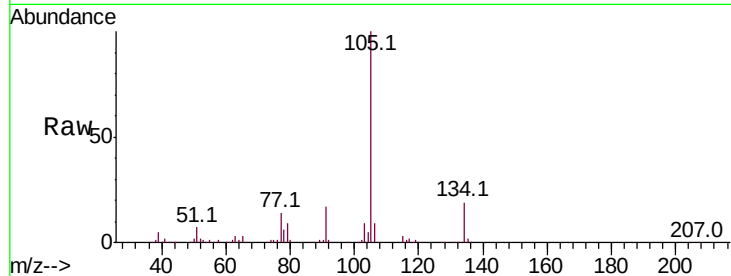
VN0921WBS01

Tot Ion:105 Resp: 295654

Ion Ratio Lower Upper

105 100

134 18.8 9.3 27.7



#86

p-Isopropyltoluene

Concen: 19.253 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

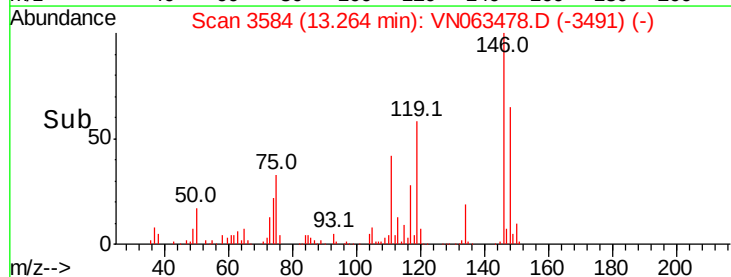
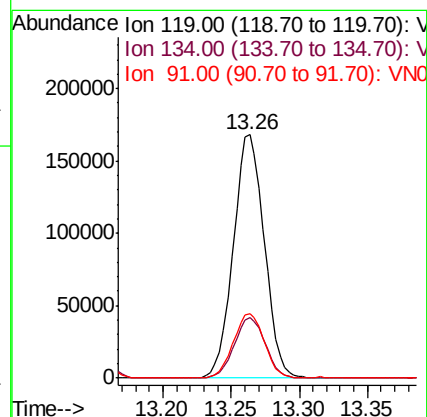
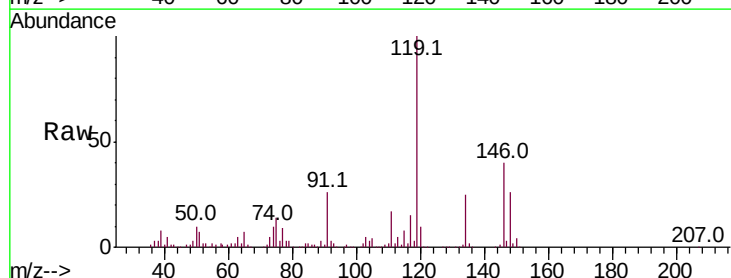
Tgt Ion:119 Resp: 265787

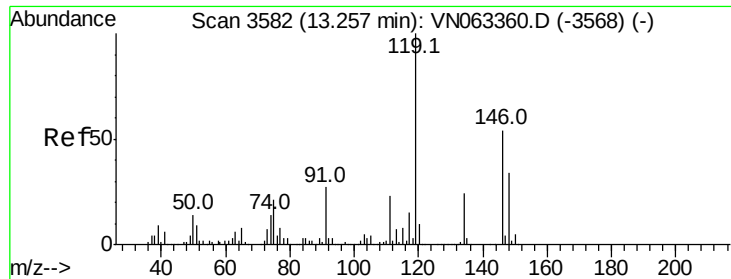
Ion Ratio Lower Upper

119 100

134 24.9 12.5 37.5

91 26.5 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 19.028 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

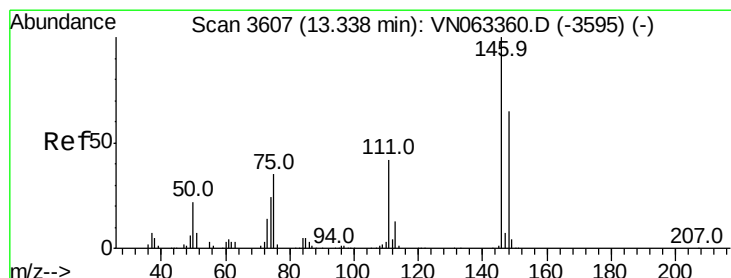
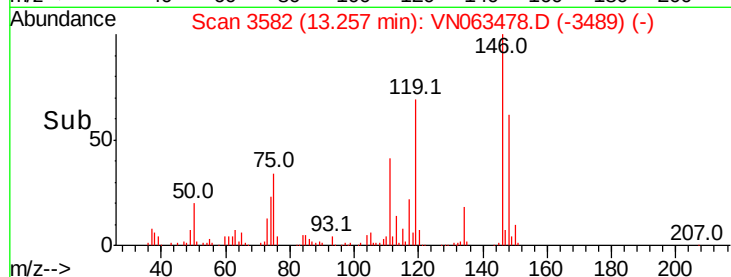
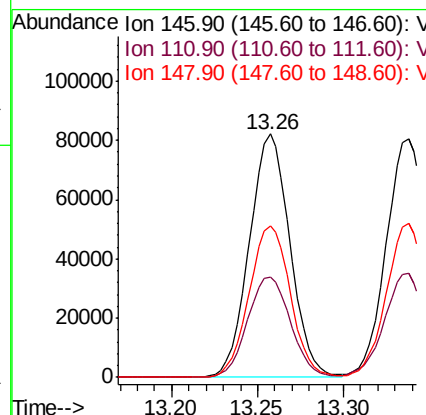
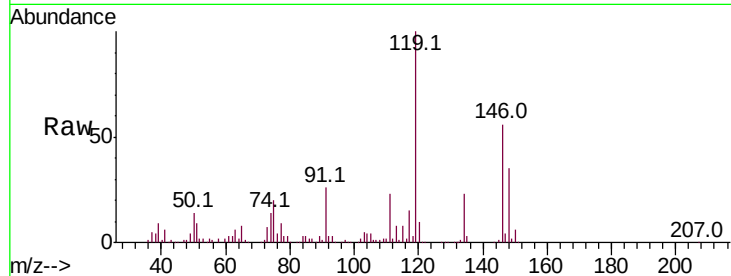
Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

Tot Ion:146 Resp: 134785

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.4	64.3
148	63.3	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.954 ug/l

RT: 13.34 min Scan# 3607

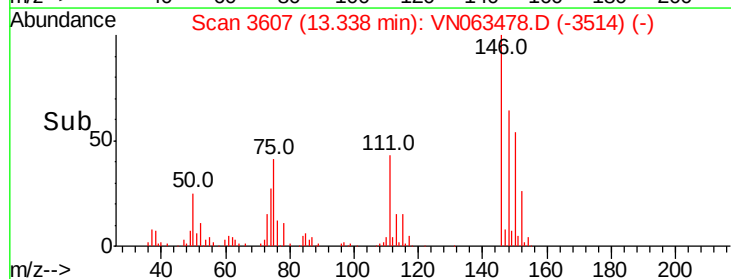
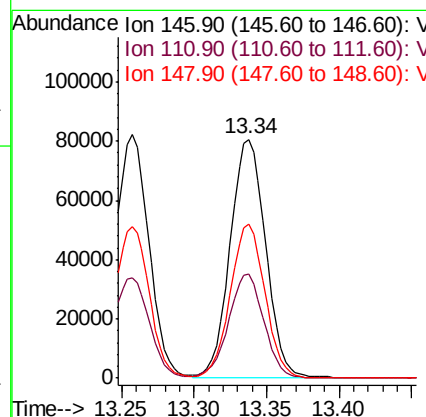
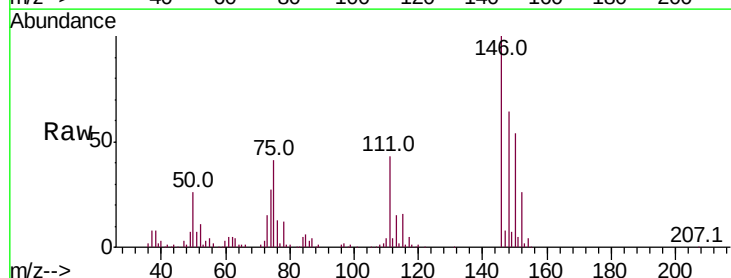
Delta R.T. -0.00 min

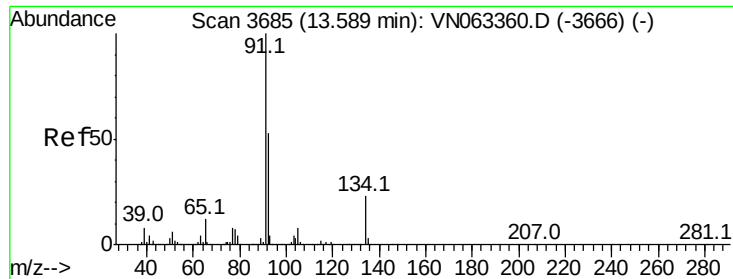
Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Tgt Ion:146 Resp: 136500

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	63.4	31.9	95.9





#89

n-Butylbenzene

Concen: 19.249 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

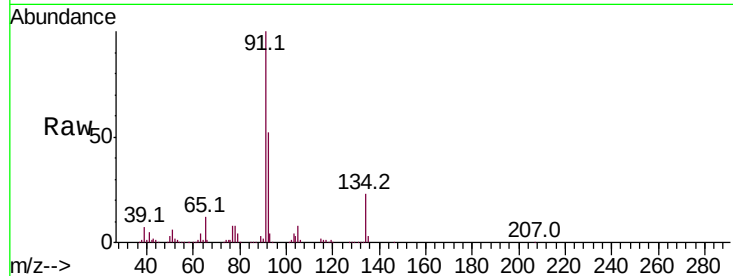
Tot Ion: 91 Resp: 244931

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

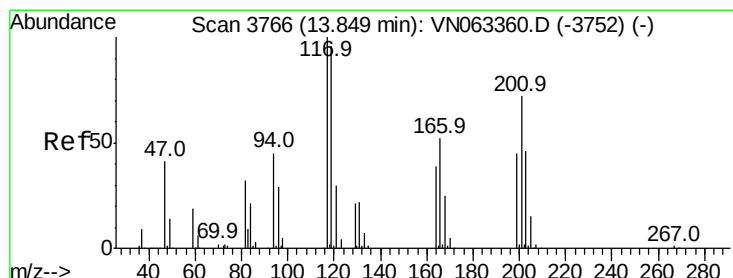
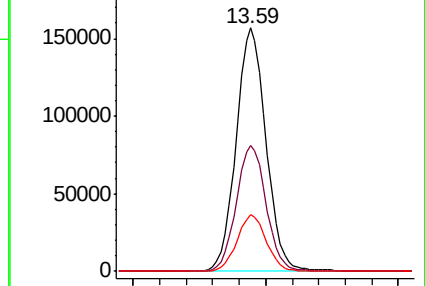
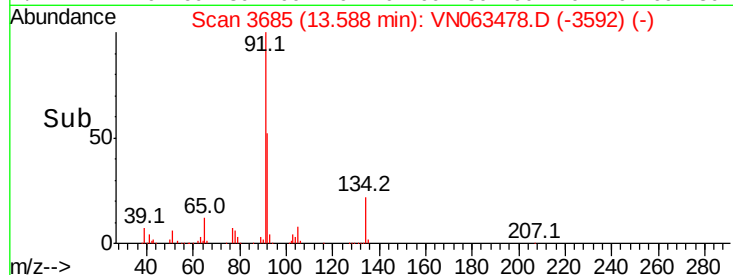
134 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 18.031 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063478.D

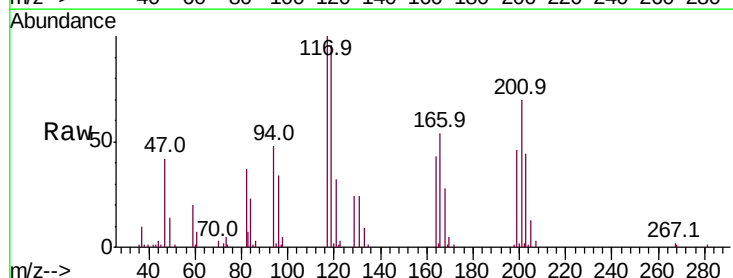
Acq: 21 Sep 2020 12:06

Tgt Ion: 117 Resp: 47398

Ion Ratio Lower Upper

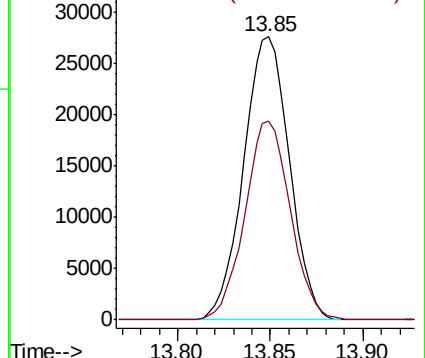
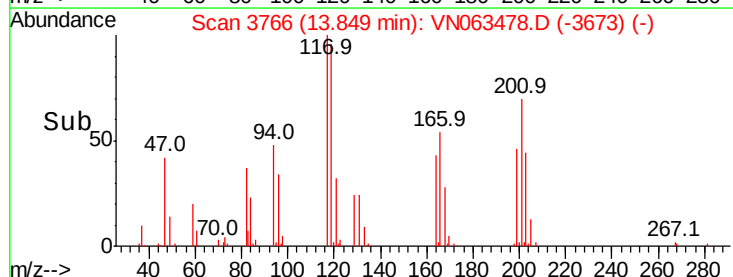
117 100

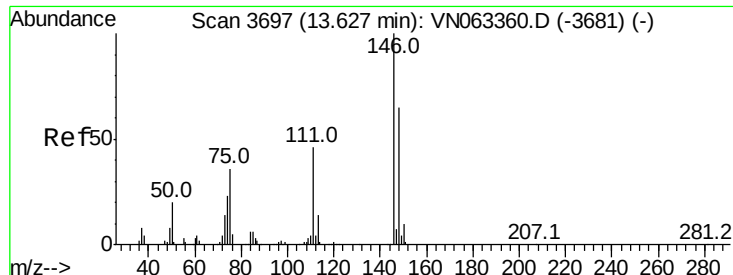
201 69.6 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

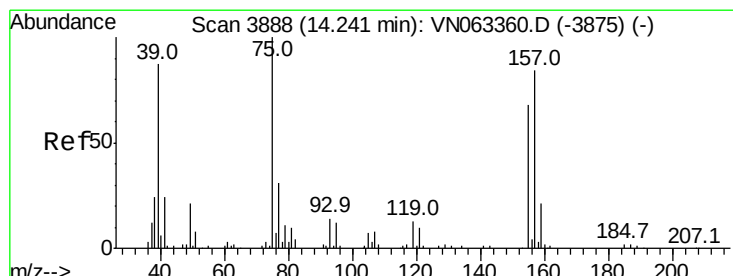
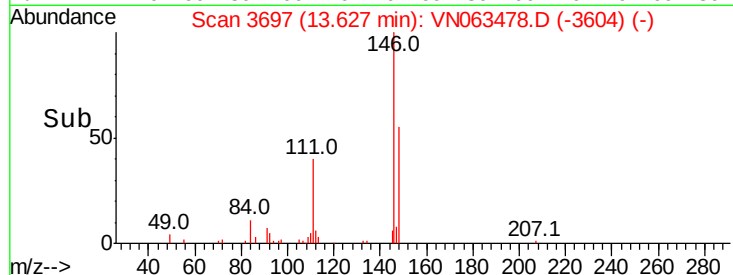
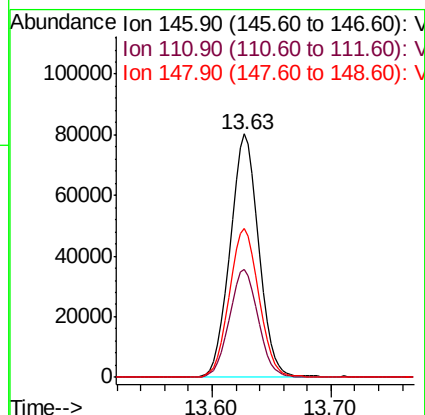
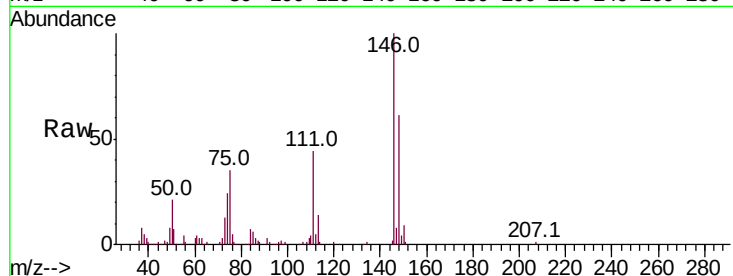




#91
 1,2-Dichlorobenzene
 Concen: 19.301 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

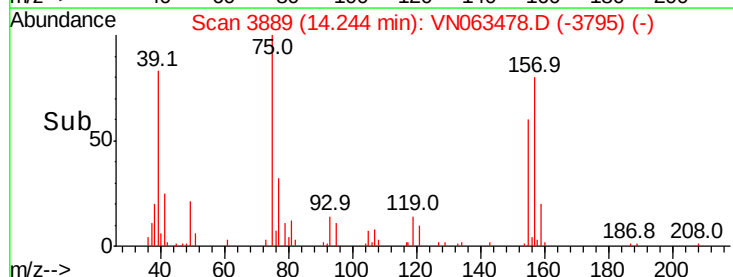
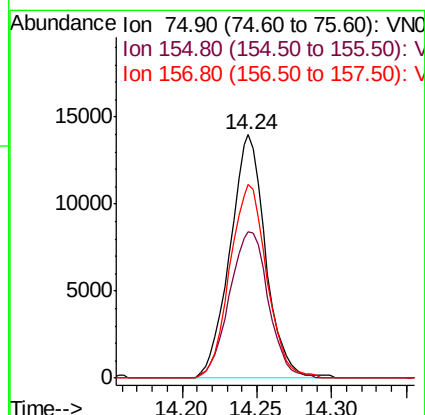
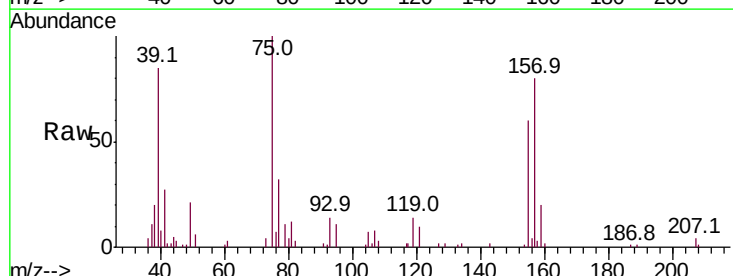
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

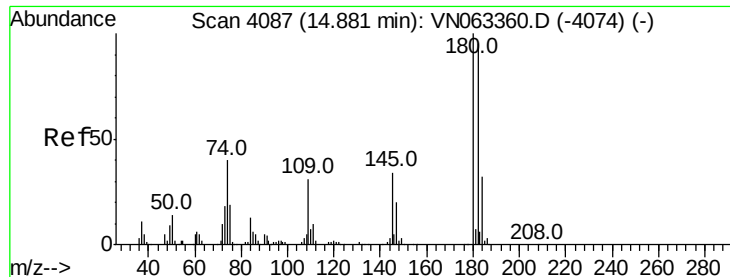
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.4	67.2
148	63.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.457 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.8	34.6	103.9
157	82.6	43.7	131.1

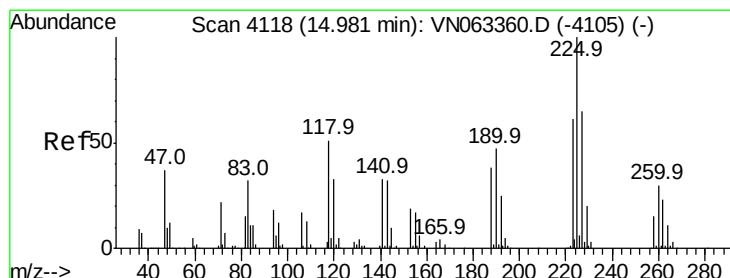
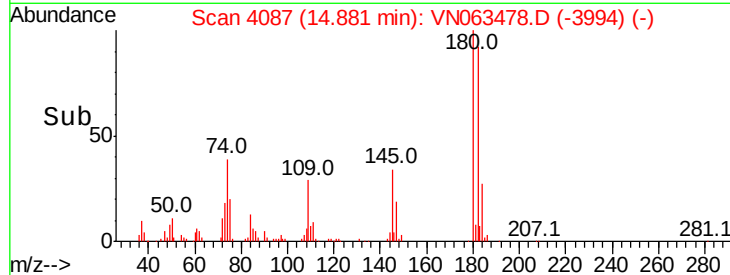
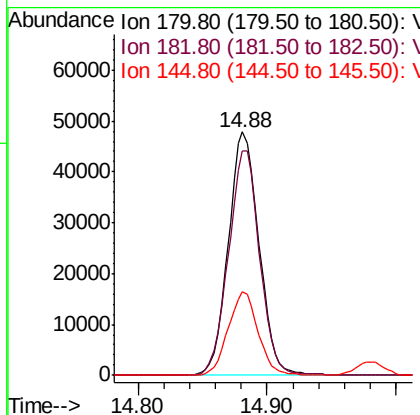
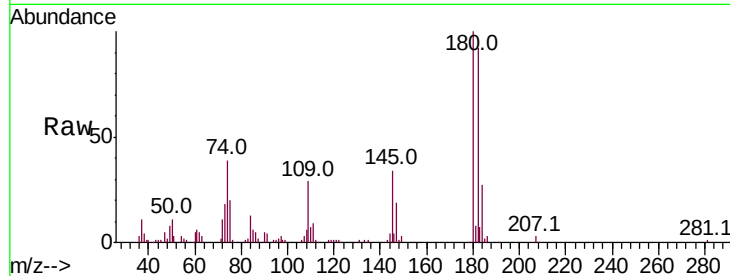




#93
 1,2,4-Trichlorobenzene
 Concen: 19.244 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

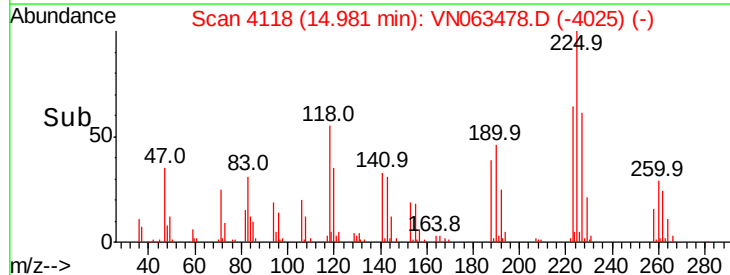
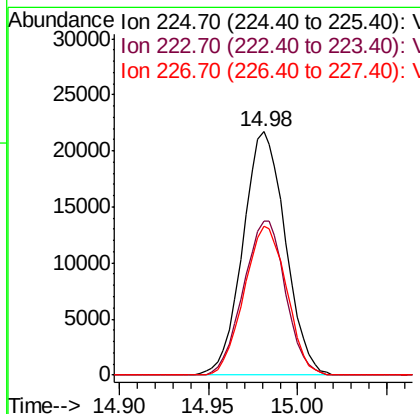
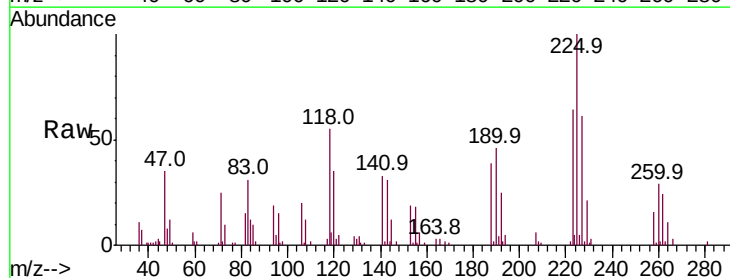
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

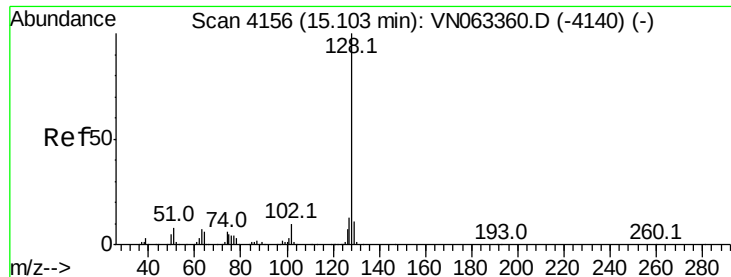
Tot Ion:180 Resp: 78898
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 142.0
 145 33.3 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 21.313 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063478.D
 Acq: 21 Sep 2020 12:06

Tgt Ion:225 Resp: 36175
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.6 91.6
 227 61.0 31.2 93.6





#95

Naphthalene

Concen: 18.373 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

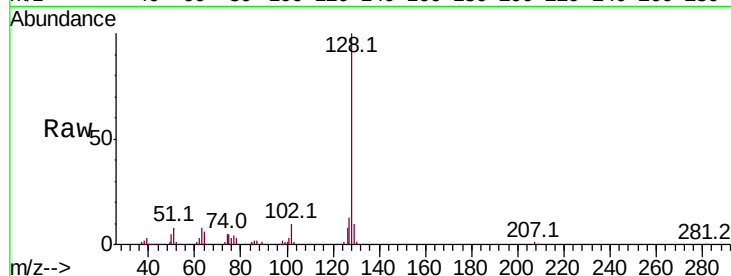
Tot Ion:128 Resp: 248868

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

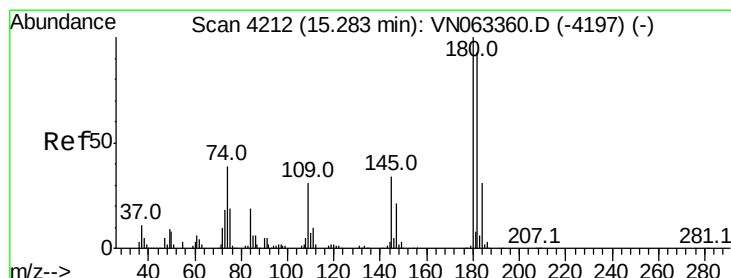
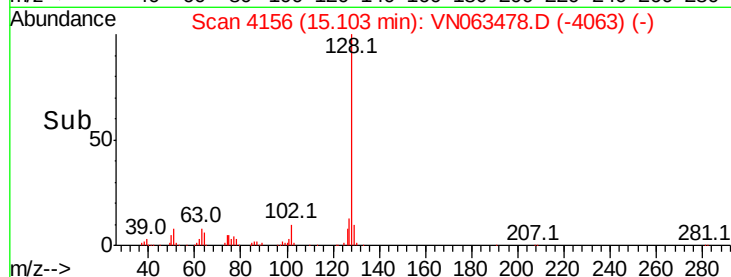
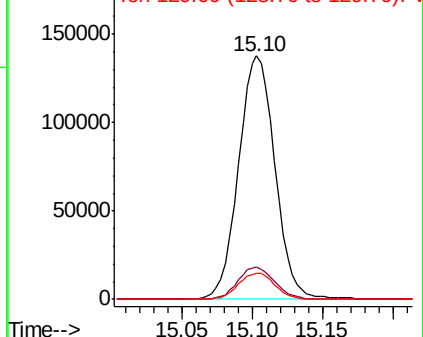
129 10.7 8.8 13.2



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: 18.979 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063478.D

Acq: 21 Sep 2020 12:06

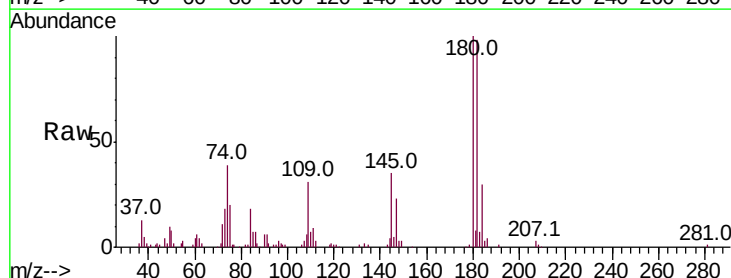
Tgt Ion:180 Resp: 75183

Ion Ratio Lower Upper

180 100

182 95.6 46.7 140.1

145 34.6 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

