

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063078.D
 Acq On : 21 Aug 2020 14:15
 Operator : JC/MD
 Sample : VN0821WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

Quant Time: Aug 22 01:21:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	162425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	240172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	97002	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	7.55	113	80283	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.06	98	302142	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.38	95	104366	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	41738	19.836	ug/l 94
3) Chloromethane	2.03	50	45132	20.265	ug/l 96
4) Vinyl Chloride	2.16	62	44147	20.498	ug/l 99
5) Bromomethane	2.53	94	26807	20.970	ug/l 98
6) Chloroethane	2.67	64	26332	20.708	ug/l 96
7) Trichlorofluoromethane	2.98	101	52968	19.721	ug/l 99
8) Diethyl Ether	3.37	74	18084	19.032	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28005	19.350	ug/l 98
10) Methyl Iodide	3.91	142	33381	18.196	ug/l 98
11) Tert butyl alcohol	4.74	59	23729	87.024	ug/l 98
12) 1,1-Dichloroethene	3.70	96	24009	17.414	ug/l 94
13) Acrolein	3.57	56	4532	53.054	ug/l 97
14) Allyl chloride	4.27	41	46048	18.942	ug/l 99
15) Acrylonitrile	4.93	53	80138	99.993	ug/l 99
16) Acetone	3.78	43	63457	103.409	ug/l 99
17) Carbon Disulfide	4.01	76	63257	17.519	ug/l 99
18) Methyl Acetate	4.28	43	39271	20.528	ug/l 95
19) Methyl tert-butyl Ether	5.00	73	94976	19.753	ug/l 95
20) Methylene Chloride	4.50	84	34855	19.728	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	26203	18.161	ug/l 94
22) Diisopropyl ether	5.90	45	114313	20.722	ug/l 97
23) Vinyl Acetate	5.85	43	352823	94.780	ug/l 100
24) 1,1-Dichloroethane	5.80	63	60236	19.540	ug/l 98
25) 2-Butanone	6.79	43	96477	94.399	ug/l 100
26) 2,2-Dichloropropane	6.77	77	47857	19.741	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	34004	18.803	ug/l 98
28) Bromochloromethane	7.15	49	31079	19.269	ug/l 98
29) Tetrahydrofuran	7.17	42	64397	97.630	ug/l 99
30) Chloroform	7.33	83	61018	19.654	ug/l 99
31) Cyclohexane	7.62	56	51774	18.248	ug/l 93
32) 1,1,1-Trichloroethane	7.53	97	49159	19.395	ug/l 98
36) 1,1-Dichloropropene	7.75	75	39945	18.873	ug/l 100
37) Ethyl Acetate	6.88	43	37248	18.782	ug/l 100
38) Carbon Tetrachloride	7.73	117	41198	19.280	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	47230	17.574	ug/l	96
40) Benzene	8.00	78	131326	19.563	ug/l	100
41) Methacrylonitrile	7.13	41	16668	17.640	ug/l #	72
42) 1,2-Dichloroethane	8.08	62	46479	20.621	ug/l	100
43) Isopropyl Acetate	8.13	43	63961	19.467	ug/l	99
44) Trichloroethene	8.80	130	31653	18.956	ug/l	94
45) 1,2-Dichloropropane	9.08	63	38688	19.938	ug/l	99
46) Dibromomethane	9.18	93	22756	20.300	ug/l	99
47) Bromodichloromethane	9.37	83	49595	20.200	ug/l	100
48) Methyl methacrylate	9.17	41	29880	19.221	ug/l	98
49) 1,4-Dioxane	9.17	88	11641	350.381	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	211175	101.685	ug/l	97
52) Toluene	10.12	92	80521	19.884	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	51038	20.102	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	55571	19.952	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	35169	20.311	ug/l	98
56) Ethyl methacrylate	10.40	69	46313	18.456	ug/l	97
57) 1,3-Dichloropropane	10.68	76	57373	19.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	46309	79.952	ug/l	99
59) 2-Hexanone	10.72	43	144679	99.875	ug/l	97
60) Dibromochloromethane	10.87	129	38405	20.042	ug/l	98
61) 1,2-Dibromoethane	10.98	107	34002	20.437	ug/l	97
64) Tetrachloroethene	10.60	164	29312	19.548	ug/l	96
65) Chlorobenzene	11.41	112	88331	19.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	35287	19.803	ug/l	99
67) Ethyl Benzene	11.48	91	149436	19.305	ug/l	100
68) m/p-Xylenes	11.60	106	114009	39.627	ug/l	99
69) o-Xylene	11.92	106	53527	19.374	ug/l	99
70) Styrene	11.94	104	94575	18.510	ug/l	99
71) Bromoform	12.10	173	27462	19.362	ug/l #	98
73) Isopropylbenzene	12.22	105	144790	19.638	ug/l	100
74) N-amyl acetate	12.05	43	53744	20.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51474	20.647	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	60089	28.713	ug/l #	100
77) Bromobenzene	12.50	156	40369	19.908	ug/l	99
78) n-propylbenzene	12.57	91	170068	20.237	ug/l	100
79) 2-Chlorotoluene	12.65	91	103506	19.582	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	123612	20.282	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15294	20.071	ug/l	98
82) 4-Chlorotoluene	12.75	91	107292	19.934	ug/l	98
83) tert-Butylbenzene	12.97	119	104584	19.881	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	119986	20.208	ug/l	99
85) sec-Butylbenzene	13.15	105	141558	19.911	ug/l	100
86) p-Isopropyltoluene	13.26	119	120360	19.430	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68983	19.795	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	67825	19.176	ug/l	98
89) n-Butylbenzene	13.59	91	93528	17.818	ug/l	99
90) Hexachloroethane	13.85	117	25049	19.025	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	68031	20.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7884	21.233	ug/l	94

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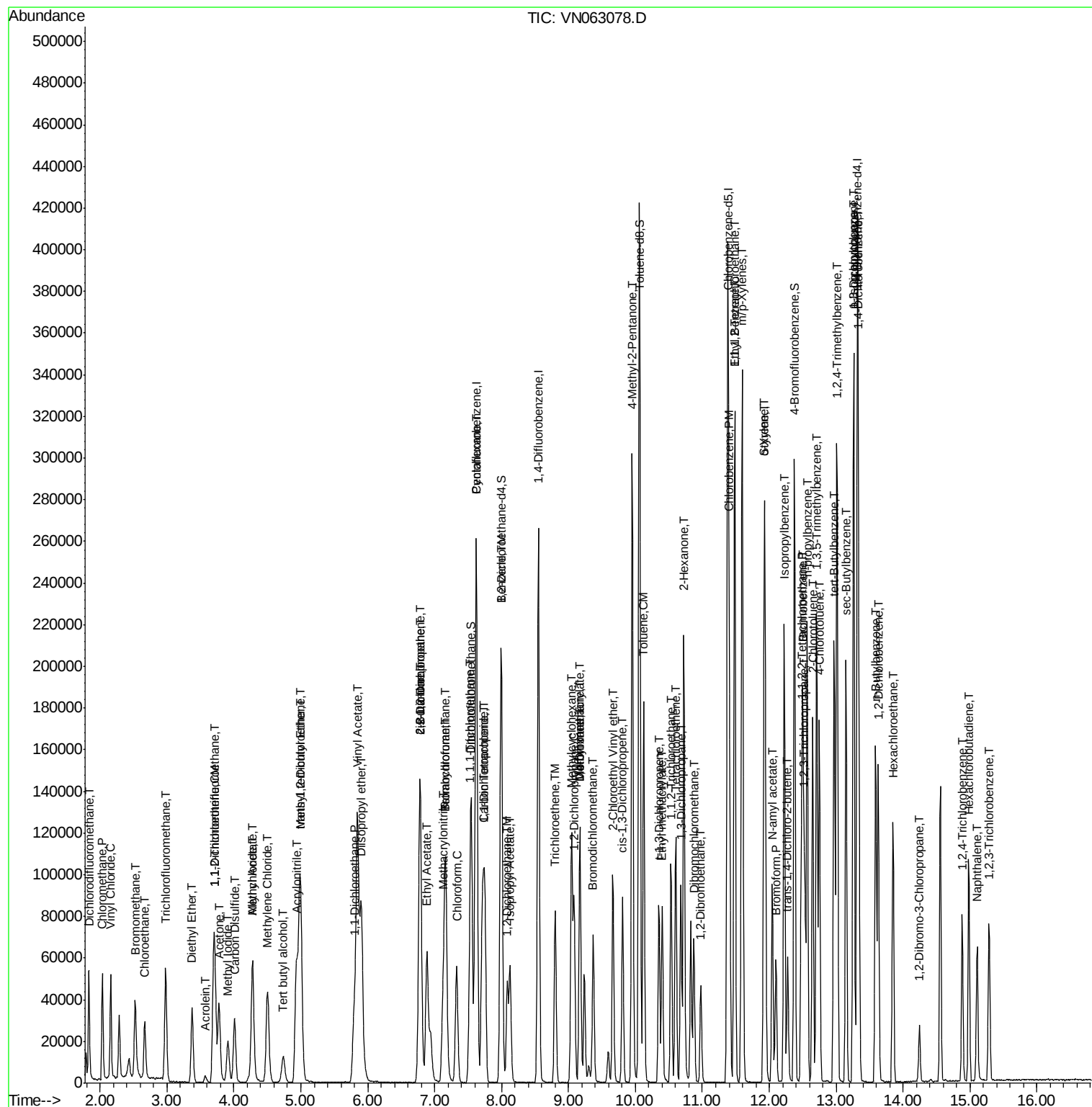
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	28180	18.275	ug/l	99
94) Hexachlorobutadiene	14.98	225	22380	17.992	ug/l	99
95) Naphthalene	15.11	128	59009	17.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28381	18.251	ug/l	97

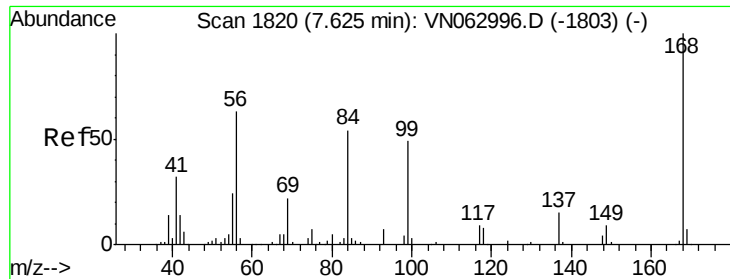
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082120\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

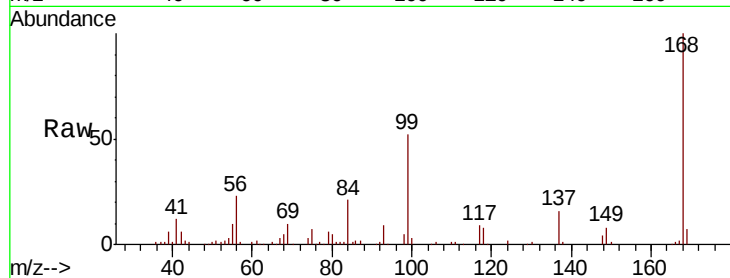
VN0821WBSD02

Tot Ion:168 Resp: 162425

Ion Ratio Lower Upper

168 100

99 51.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

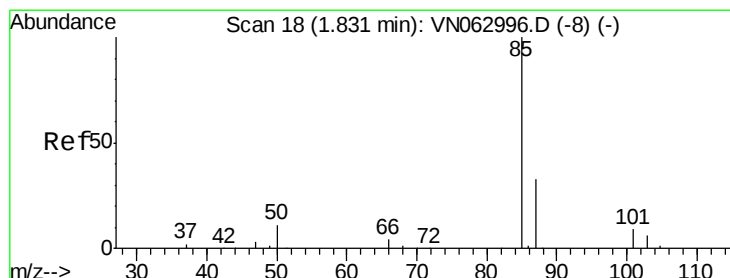
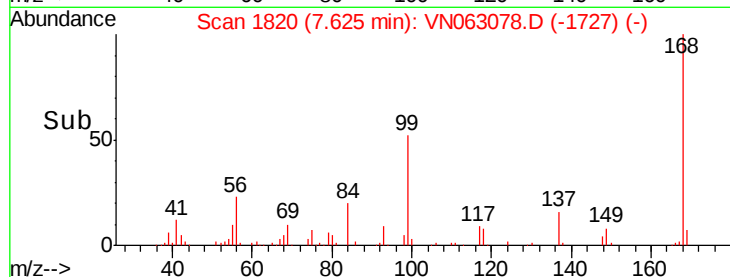
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.836 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063078.D

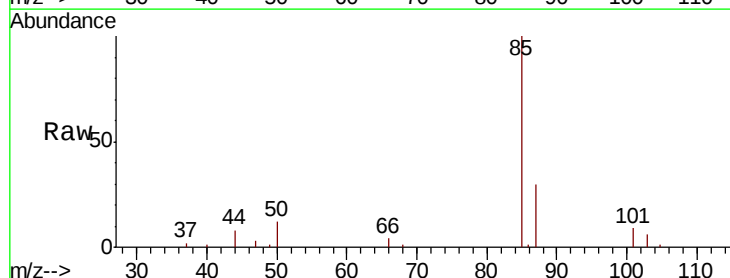
Acq: 21 Aug 2020 14:15

Tgt Ion: 85 Resp: 41738

Ion Ratio Lower Upper

85 100

87 29.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

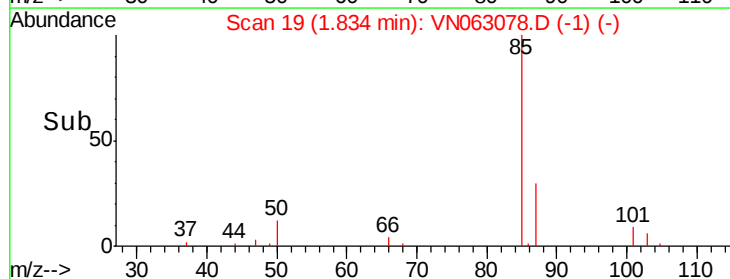
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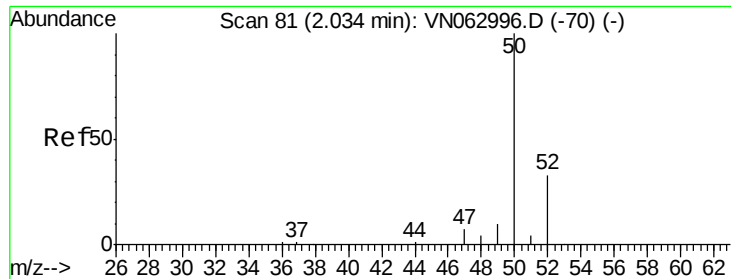
10000

0

1.80 1.85 1.90

Time-->

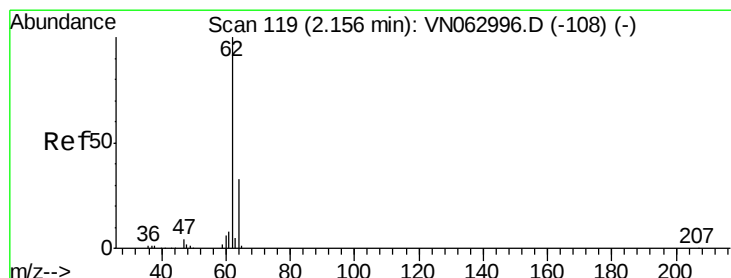
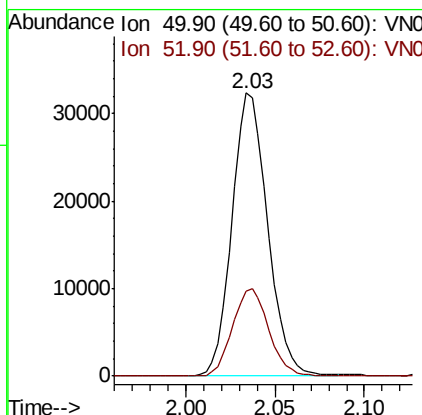
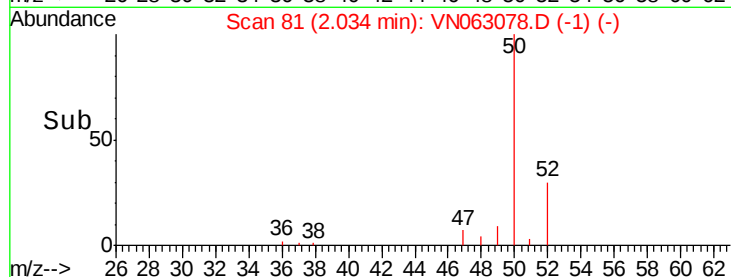
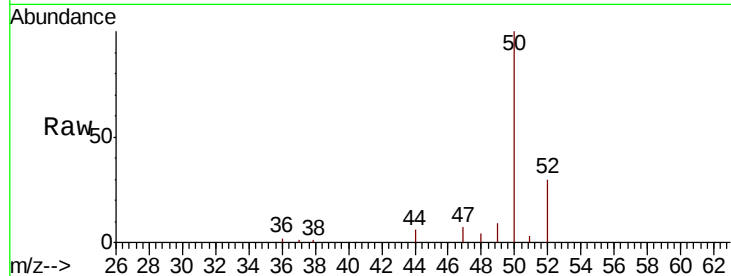




#3
Chloromethane
Concen: 20.265 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

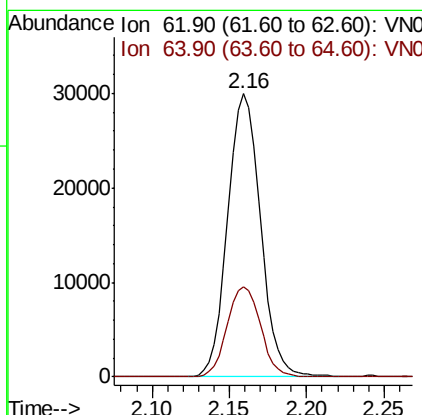
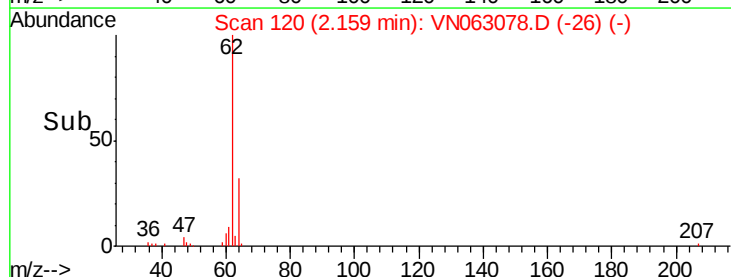
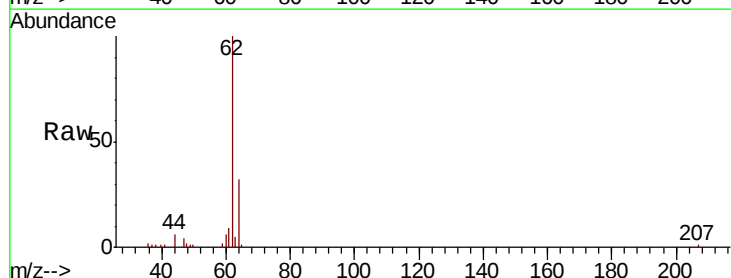
Instrument :
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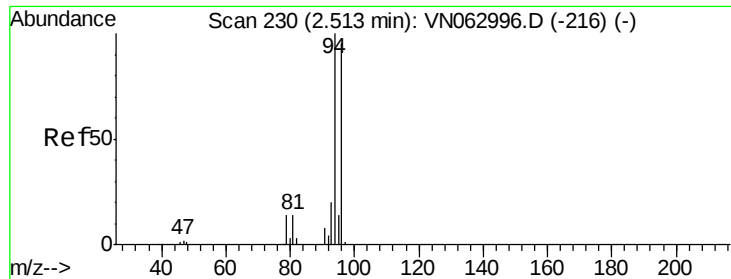
Tot Ion: 50 Resp: 45132
Ion Ratio Lower Upper
50 100
52 30.1 26.0 39.0



#4
Vinyl Chloride
Concen: 20.498 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 62 Resp: 44147
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5

Bromomethane

Concen: 20.970 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

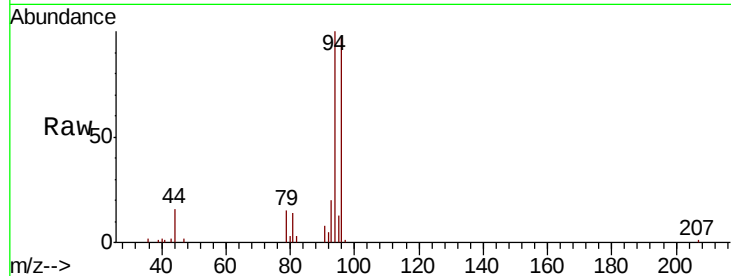
VN0821WBSD02

Tot Ion: 94 Resp: 26807

Ion Ratio Lower Upper

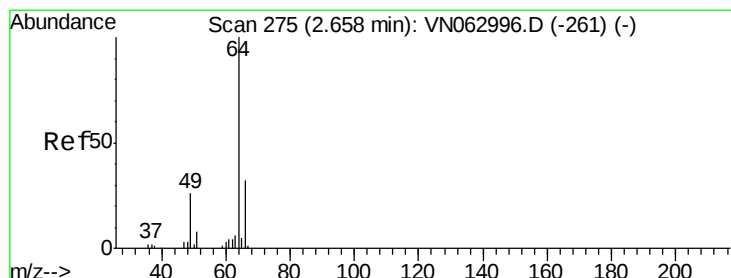
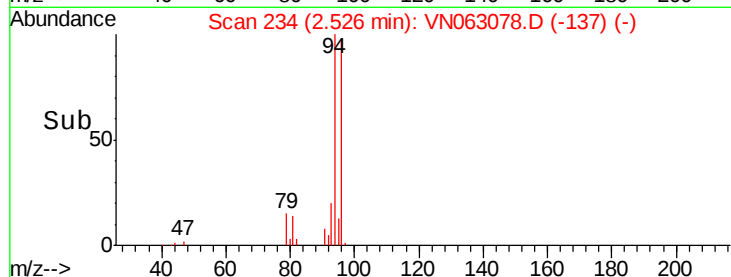
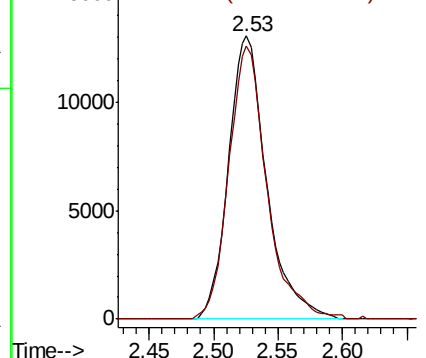
94 100

96 96.7 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.708 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN063078.D

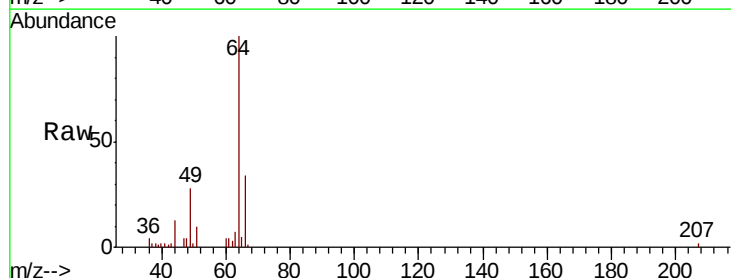
Acq: 21 Aug 2020 14:15

Tgt Ion: 64 Resp: 26332

Ion Ratio Lower Upper

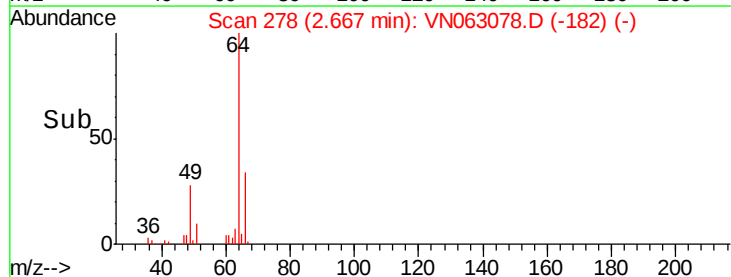
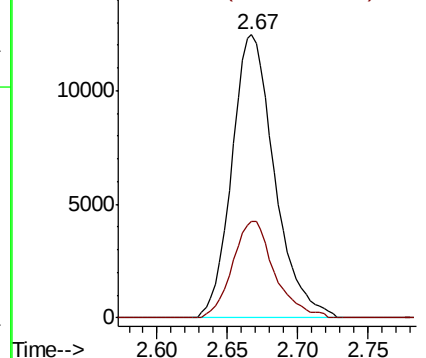
64 100

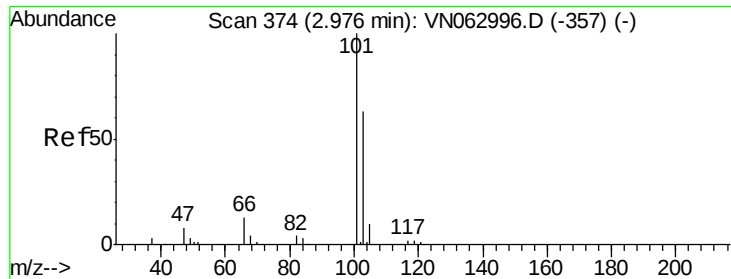
66 33.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



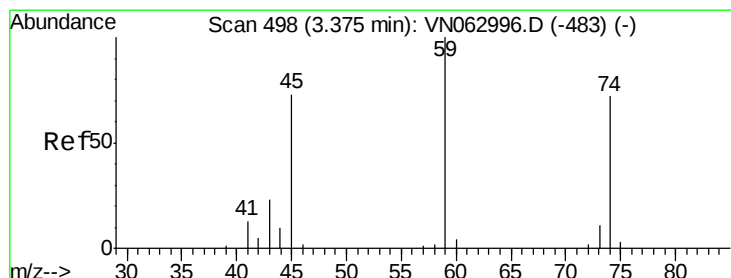
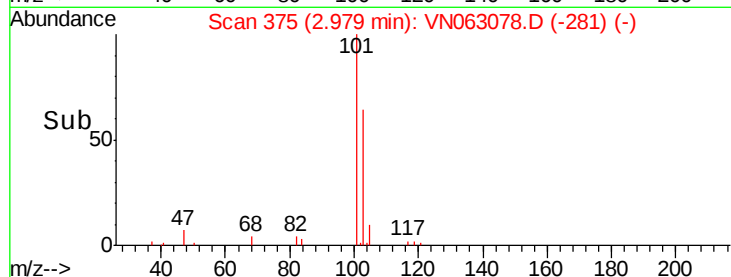
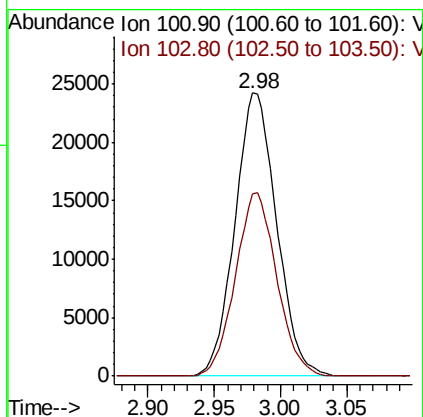
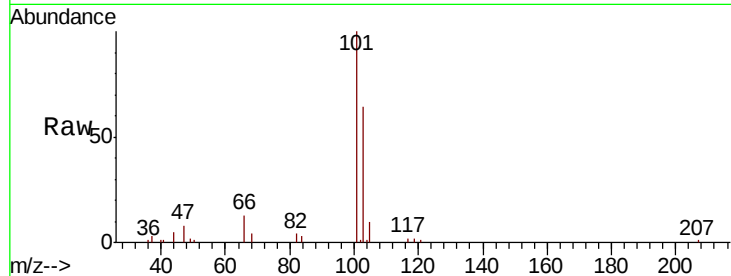


#7

Trichlorofluoromethane
 Concen: 19.721 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Instrument :
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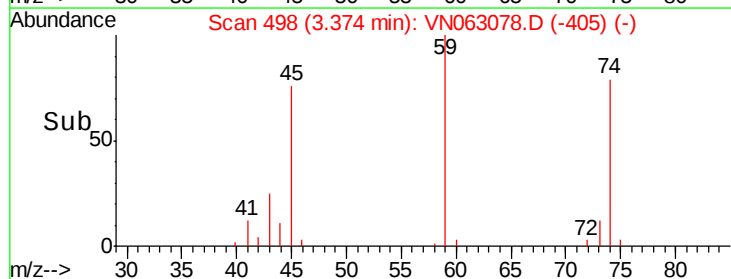
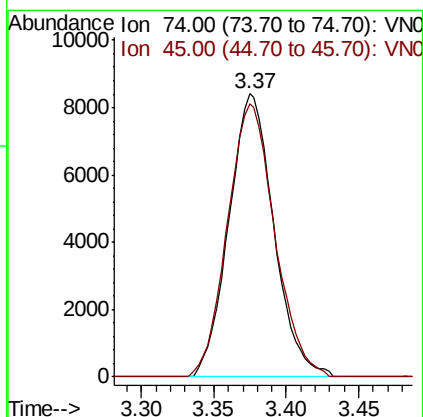
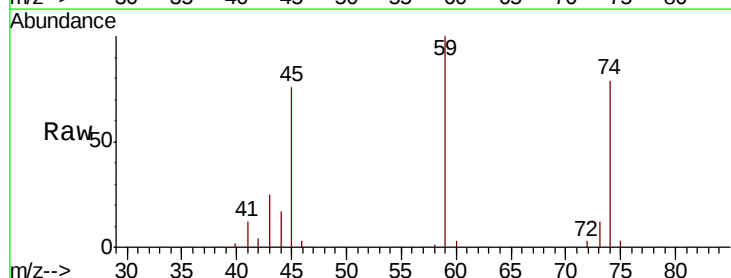
Tot Ion:101 Resp: 52968
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.5 75.7

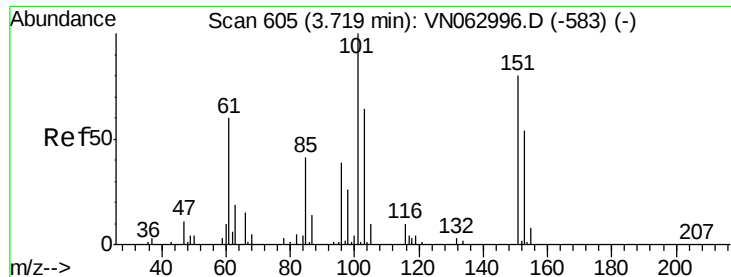


#8

Diethyl Ether
 Concen: 19.032 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion: 74 Resp: 18084
 Ion Ratio Lower Upper
 74 100
 45 101.4 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.350 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

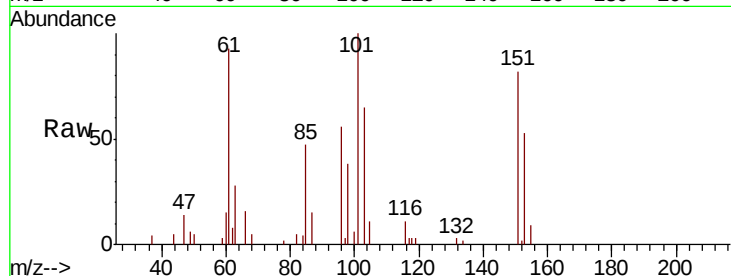
Tot Ion:101 Resp: 28005

Ion Ratio Lower Upper

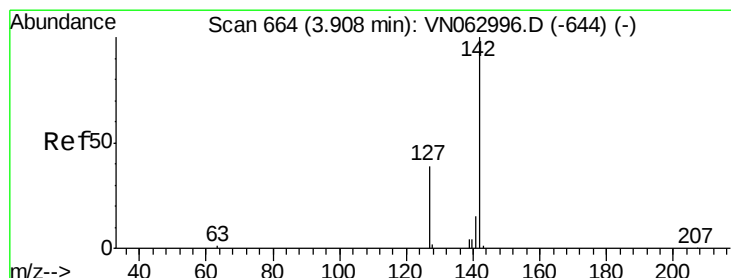
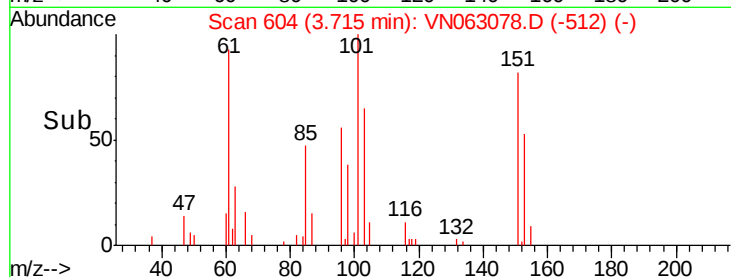
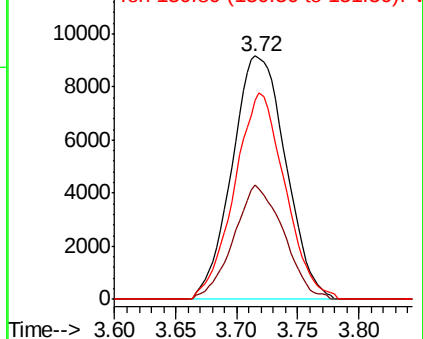
101 100

85 43.7 34.0 51.0

151 79.8 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.196 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

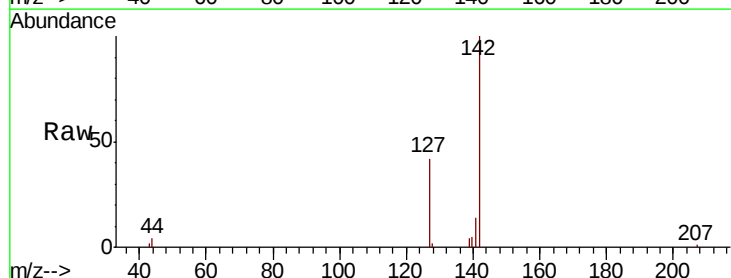
Tgt Ion:142 Resp: 33381

Ion Ratio Lower Upper

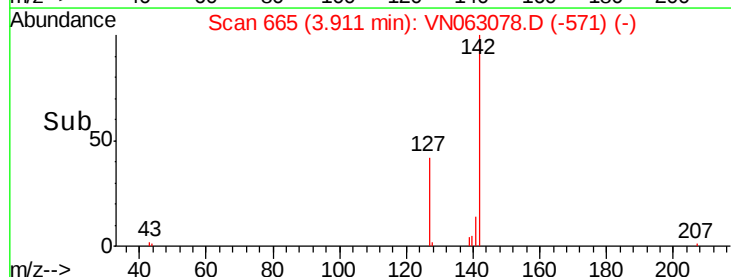
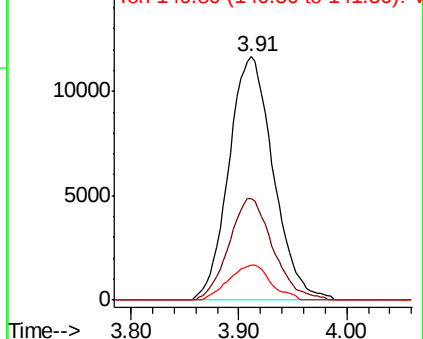
142 100

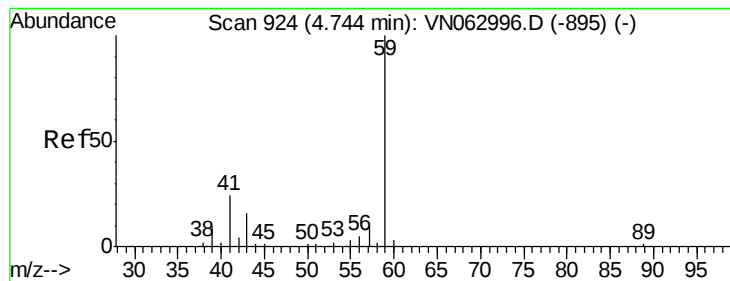
127 41.3 32.2 48.4

141 13.7 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



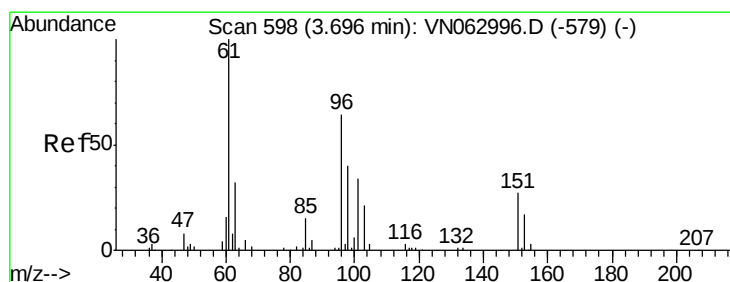
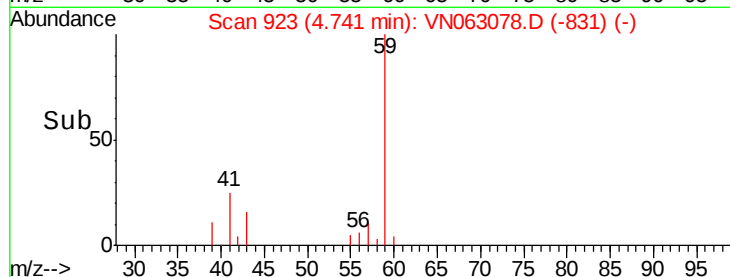
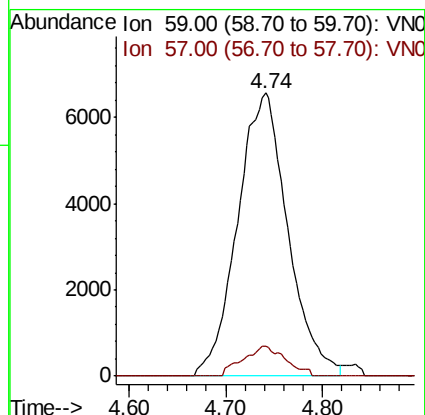
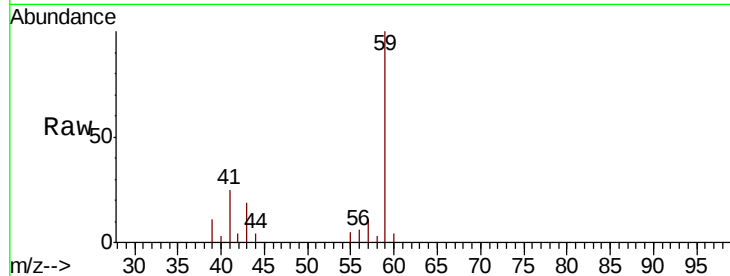


#11

Tert butyl alcohol
 Concen: 87.024 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

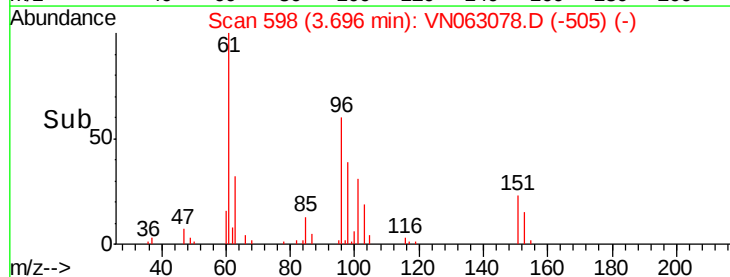
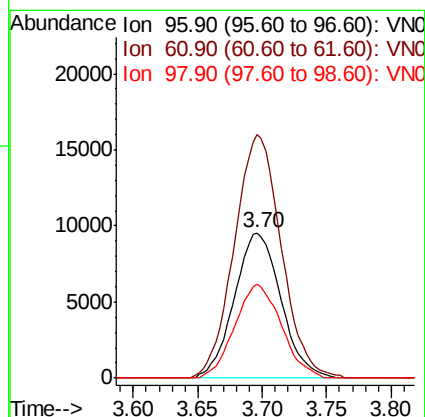
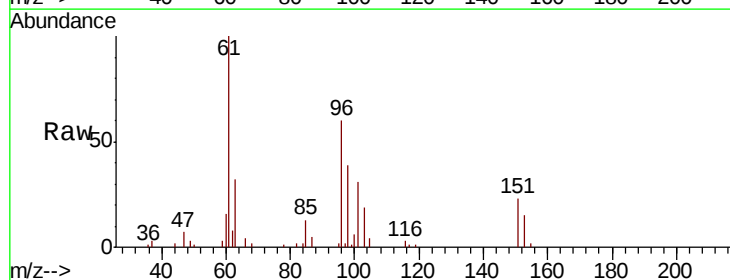
Tot Ion: 59 Resp: 23729
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.8 11.6

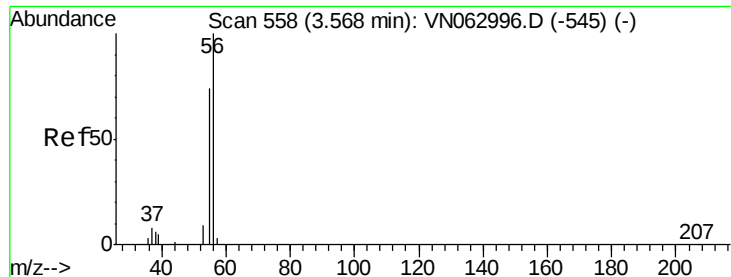


#12

1,1-Dichloroethene
 Concen: 17.414 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion: 96 Resp: 24009
 Ion Ratio Lower Upper
 96 100
 61 167.5 125.5 188.3
 98 64.7 50.4 75.6





#13

Acrolein

Concen: 53.054 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

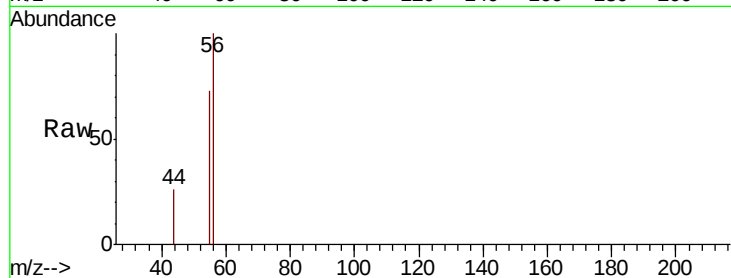
VN0821WBSD02

Tot Ion: 56 Resp: 4532

Ion Ratio Lower Upper

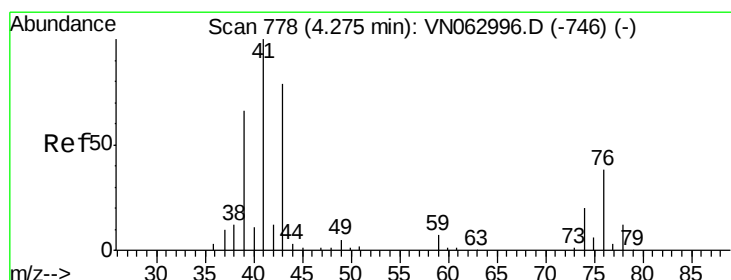
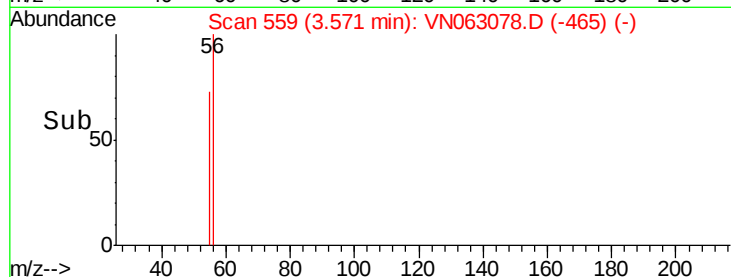
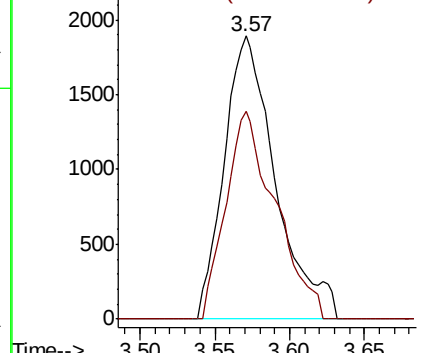
56 100

55 70.7 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.942 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

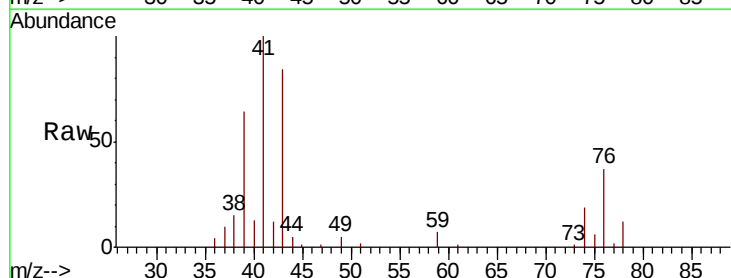
Tgt Ion: 41 Resp: 46048

Ion Ratio Lower Upper

41 100

39 59.6 47.9 71.9

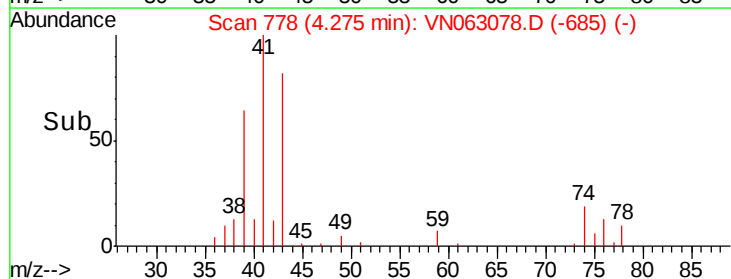
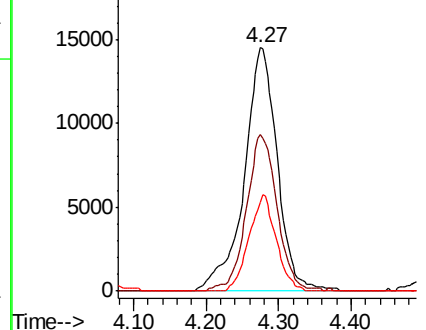
76 32.4 27.0 40.6

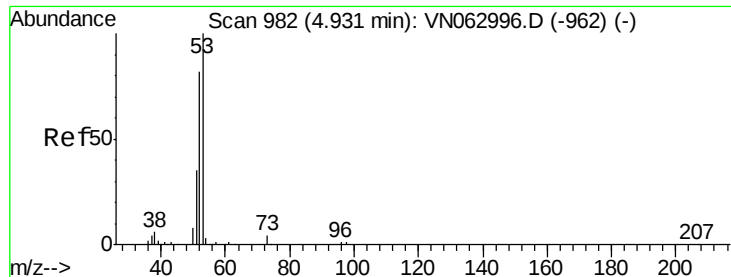


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.993 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

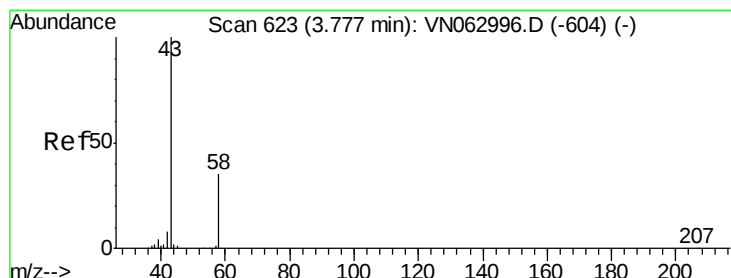
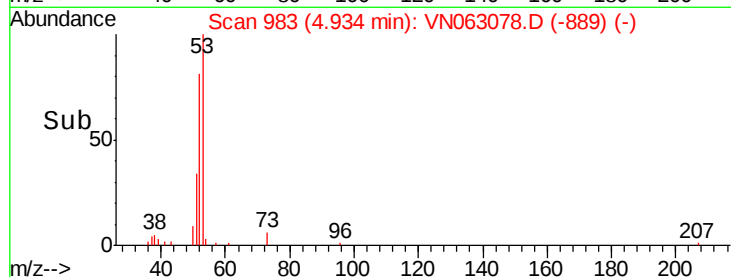
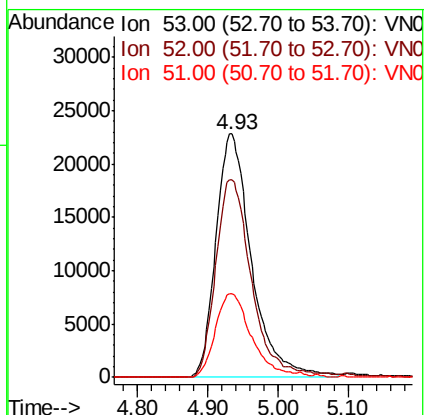
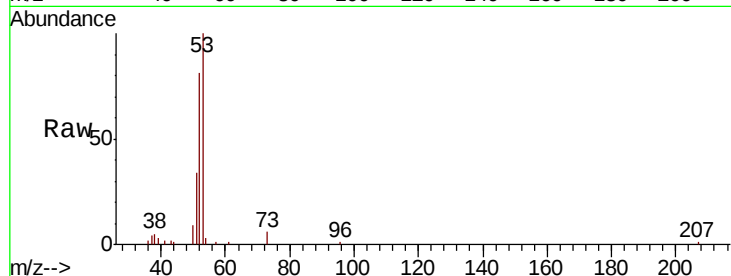
Tot Ion: 53 Resp: 80138

Ion Ratio Lower Upper

53 100

52 81.2 65.6 98.4

51 34.8 28.2 42.4



#16

Acetone

Concen: 103.409 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063078.D

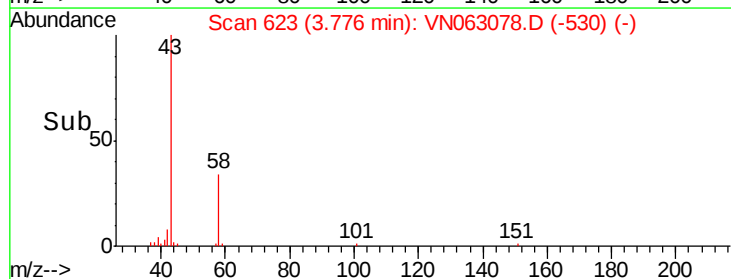
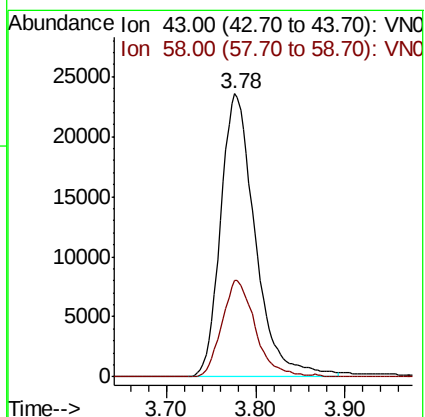
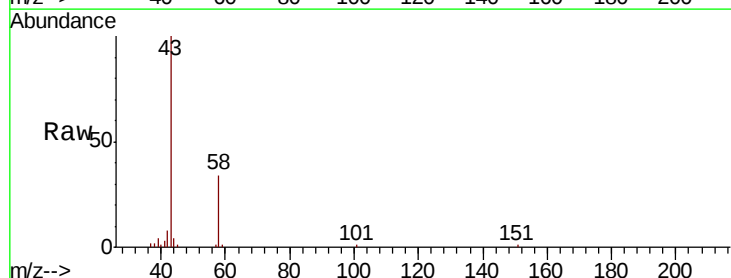
Acq: 21 Aug 2020 14:15

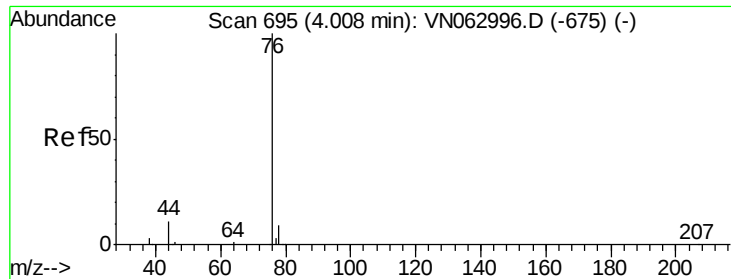
Tgt Ion: 43 Resp: 63457

Ion Ratio Lower Upper

43 100

58 34.0 27.8 41.6

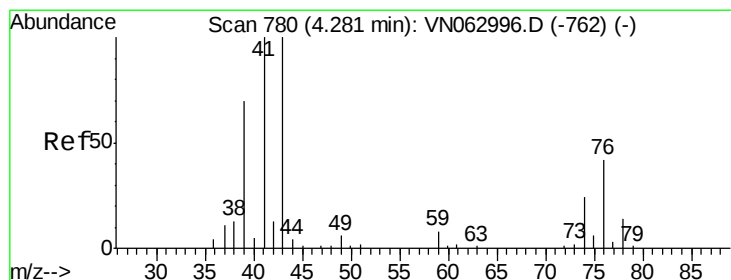
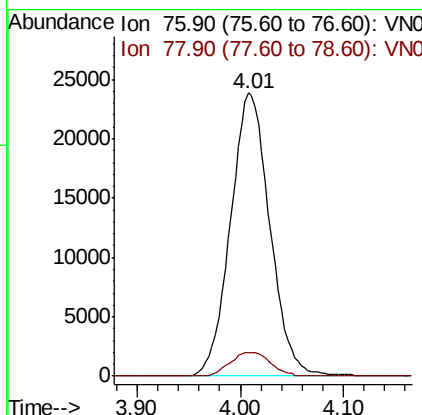
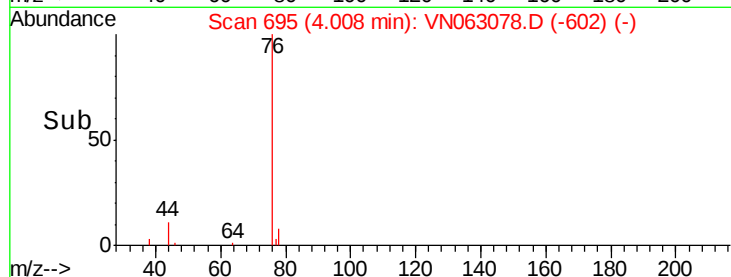
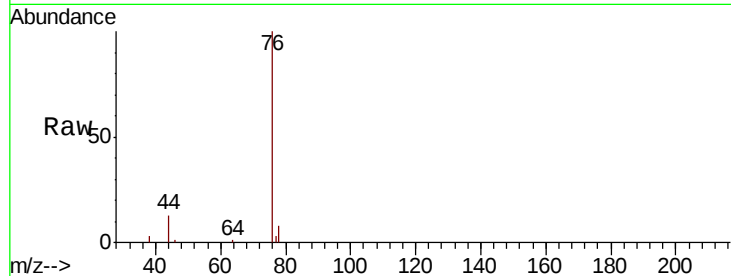




#17
Carbon Disulfide
Concen: 17.519 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

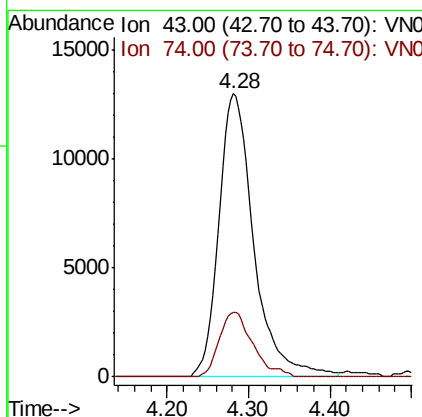
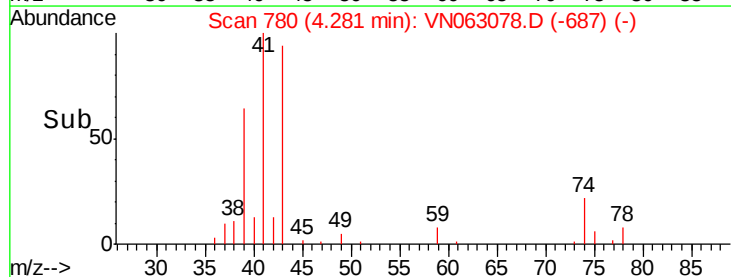
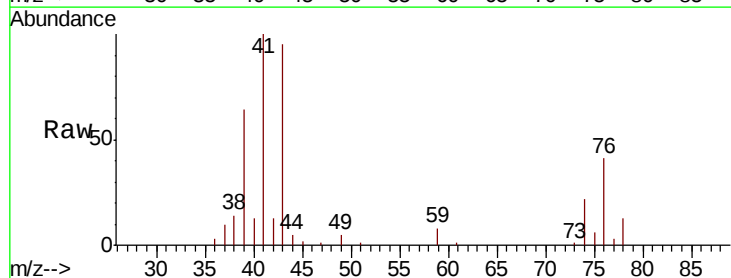
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

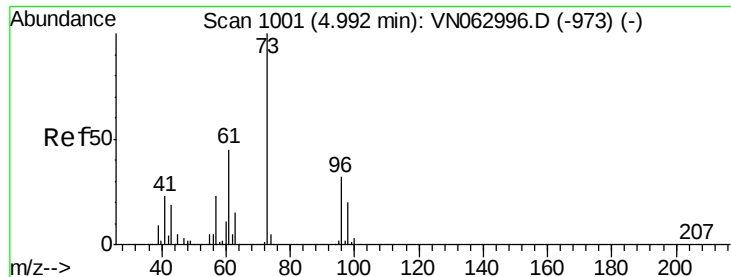
Tot Ion: 76 Resp: 63257
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3



#18
Methyl Acetate
Concen: 20.528 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 43 Resp: 39271
Ion Ratio Lower Upper
43 100
74 21.0 18.6 28.0

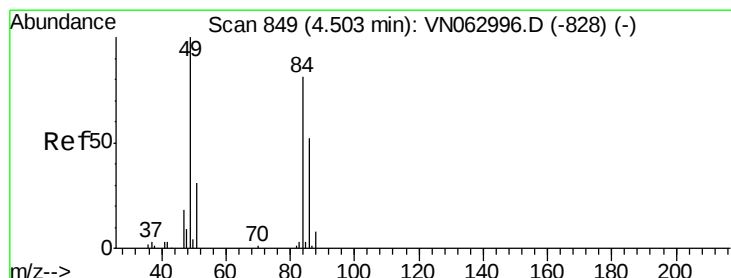
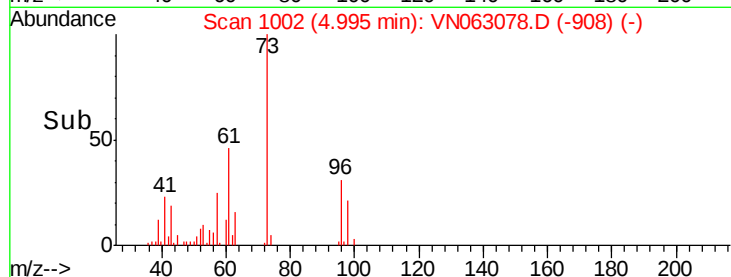
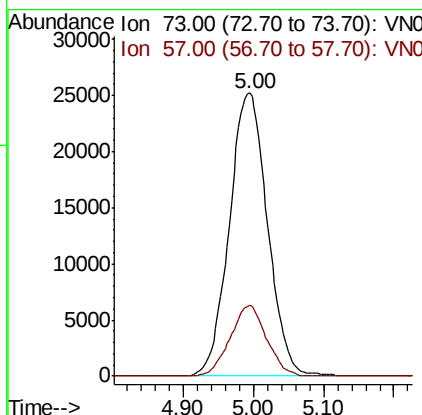
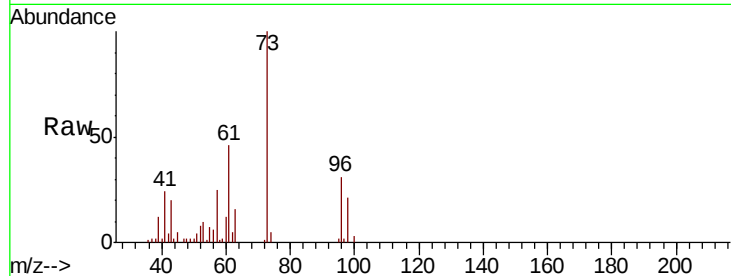




#19
Methvl tert-butvl Ether
Concen: 19.753 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

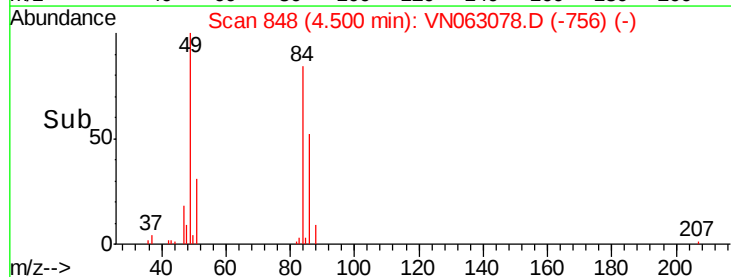
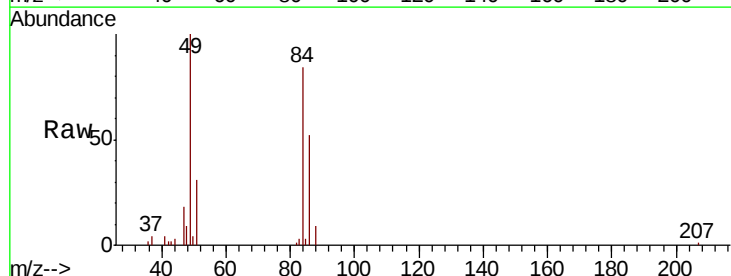
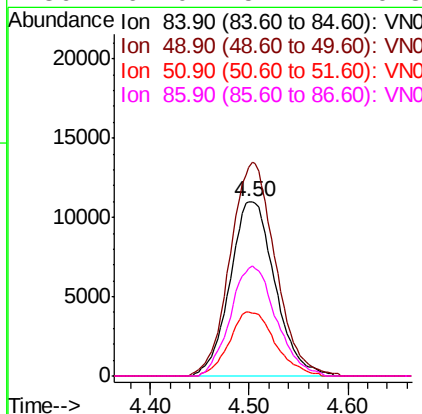
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

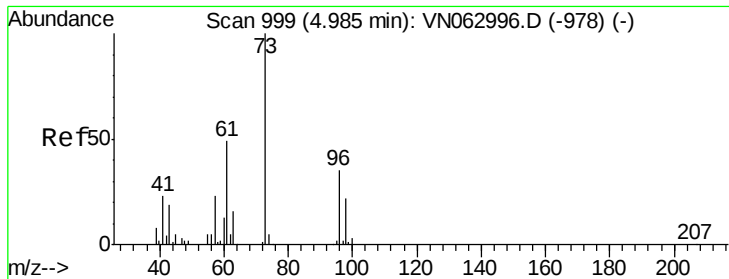
Tot Ion: 73 Resp: 94976
Ion Ratio Lower Upper
73 100
57 24.9 18.1 27.1



#20
Methylene Chloride
Concen: 19.728 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 84 Resp: 34855
Ion Ratio Lower Upper
84 100
49 119.4 98.7 148.1
51 36.5 30.8 46.2
86 62.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.161 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

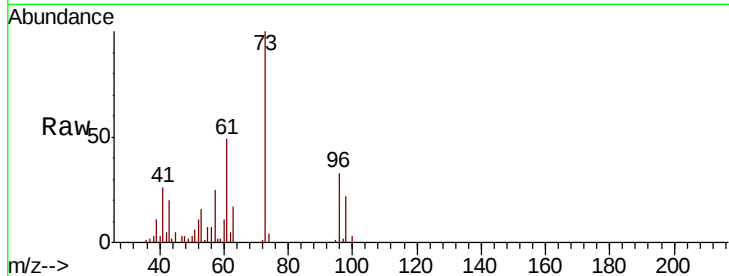
Tot Ion: 96 Resp: 26203

Ion Ratio Lower Upper

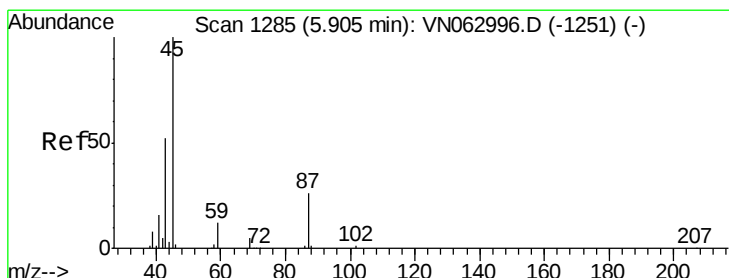
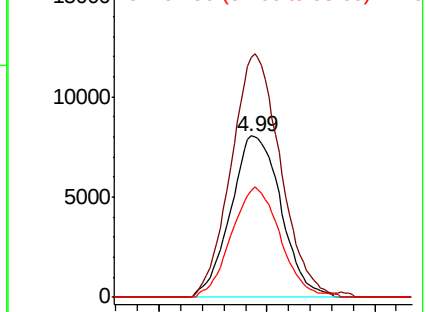
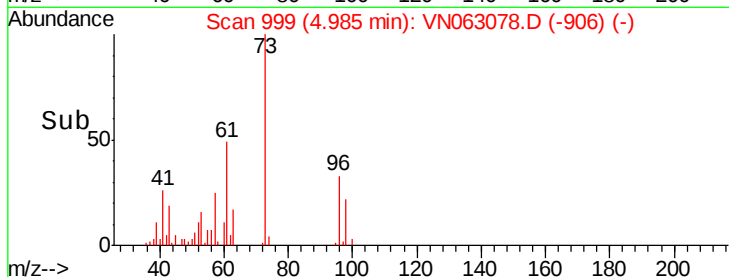
96 100

61 148.7 112.5 168.7

98 66.1 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN063078.D (-906) (-)



#22

Diisopropyl ether

Concen: 20.722 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Tgt Ion: 45 Resp: 114313

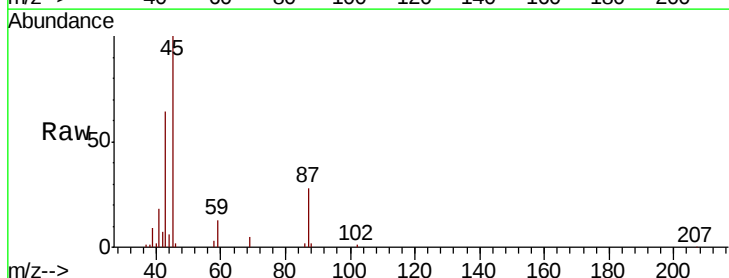
Ion Ratio Lower Upper

45 100

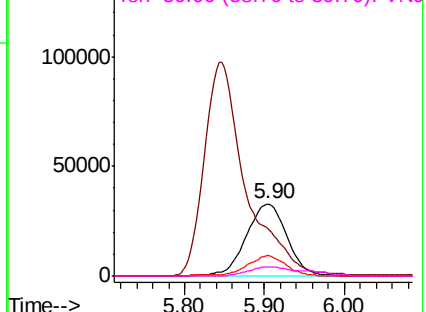
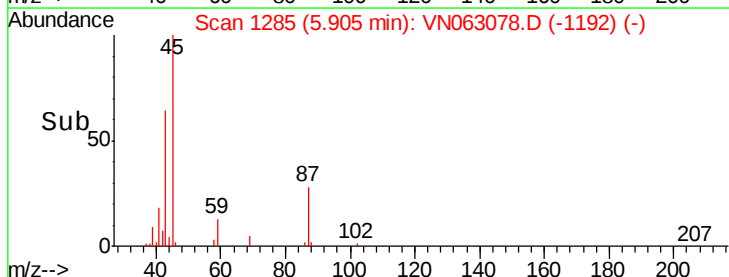
43 60.3 45.7 68.5

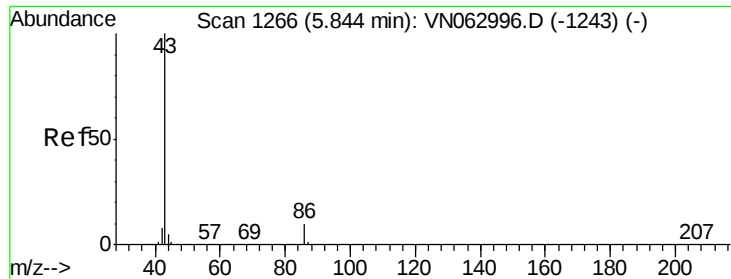
87 27.9 21.8 32.6

59 13.0 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN063078.D (-1192) (-)





#23

Vinyl Acetate

Concen: 94.780 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampled :

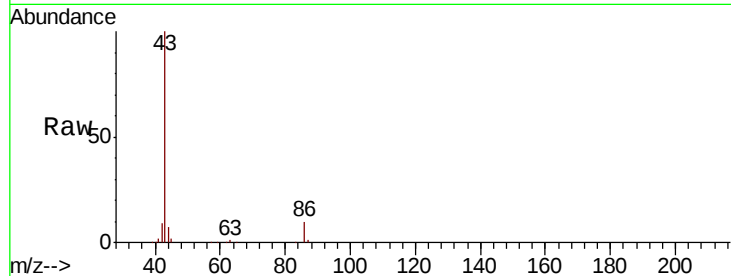
VN0821WBSD02

Tot Ion: 43 Resp: 352823

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.85

100000

80000

60000

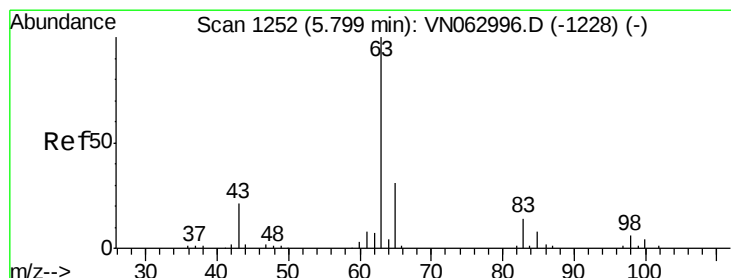
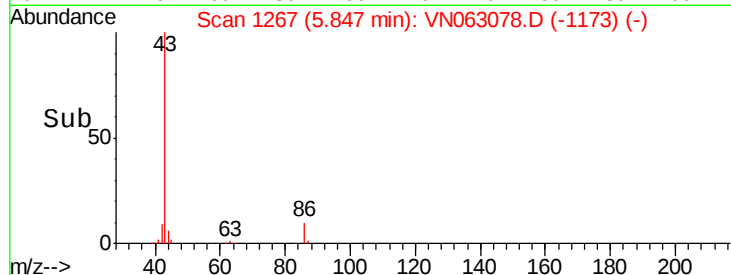
40000

20000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.540 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

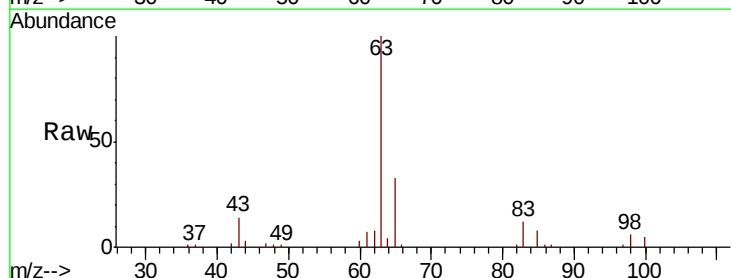
Tgt Ion: 63 Resp: 60236

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 4.5 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

25000

20000

15000

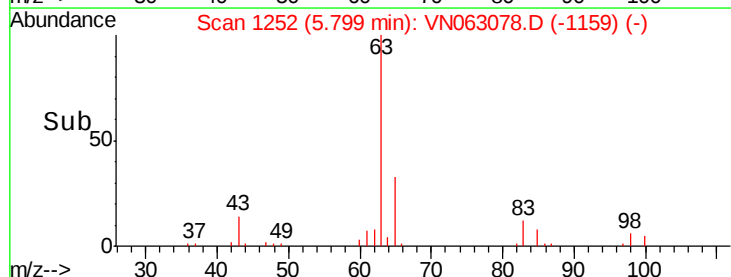
10000

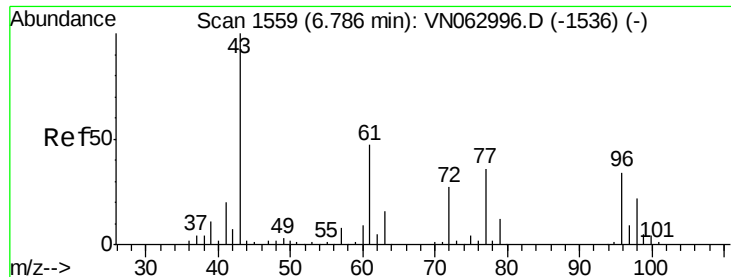
5000

0

5.70 5.80 5.90

Time-->

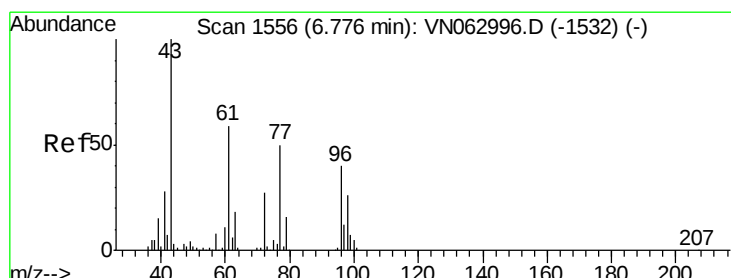
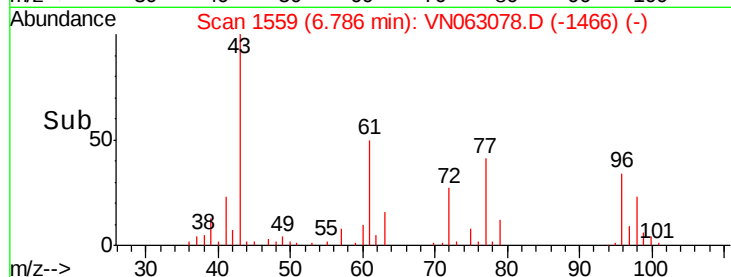
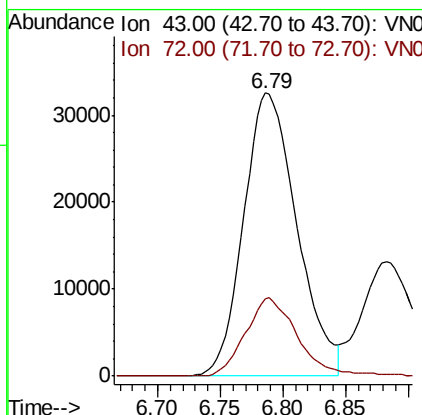
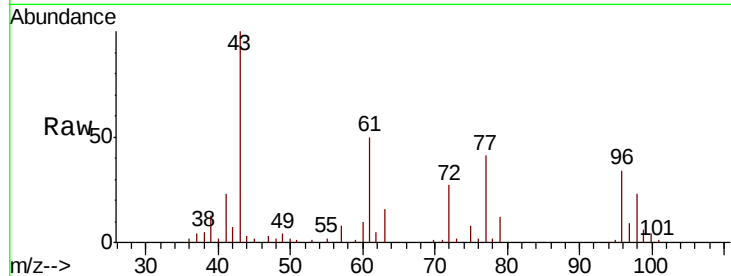




#25
2-Butanone
Concen: 94.399 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

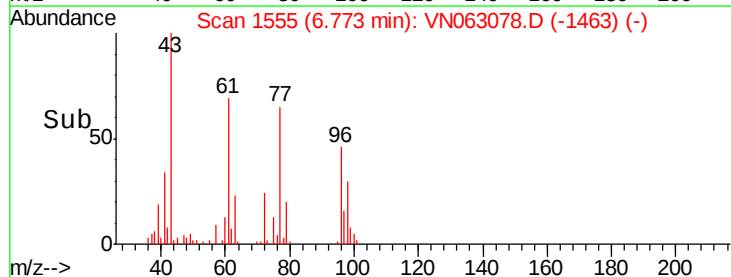
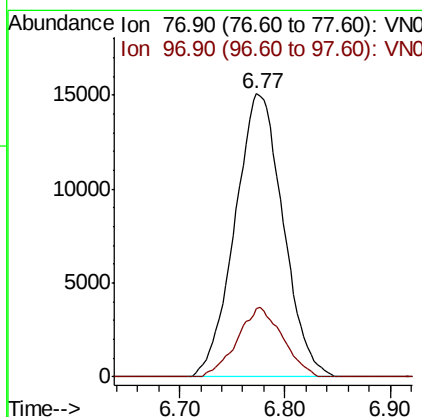
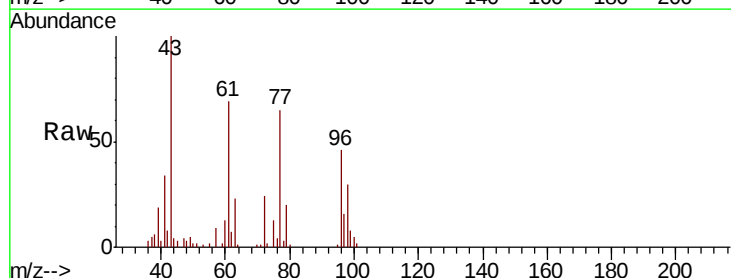
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

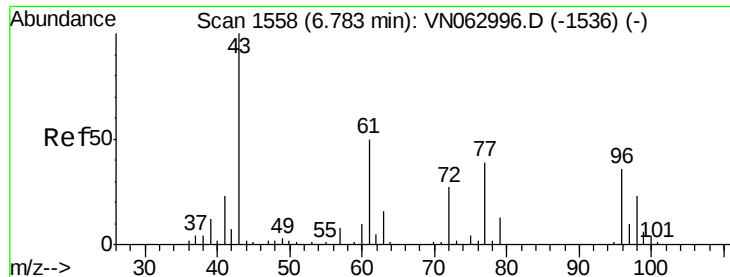
Tot Ion: 43 Resp: 96477
Ion Ratio Lower Upper
43 100
72 27.4 21.8 32.6



#26
2,2-Dichloropropane
Concen: 19.741 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 77 Resp: 47857
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.1

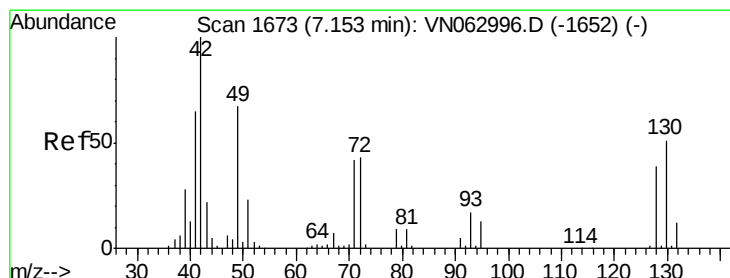
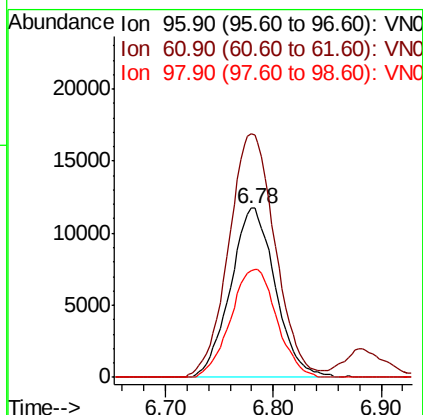
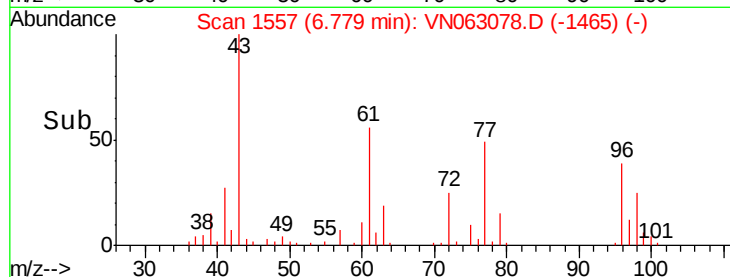
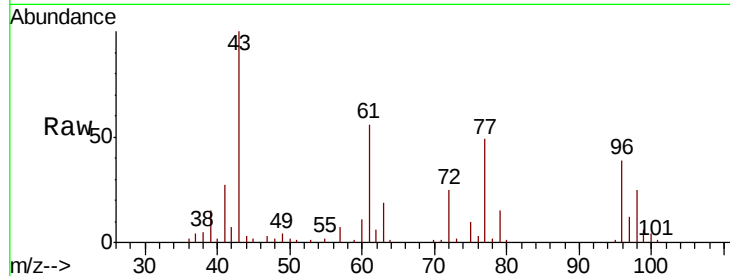




#27
 cis-1,2-Dichloroethene
 Concen: 18.803 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

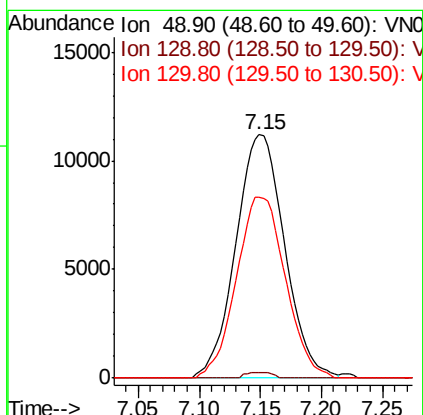
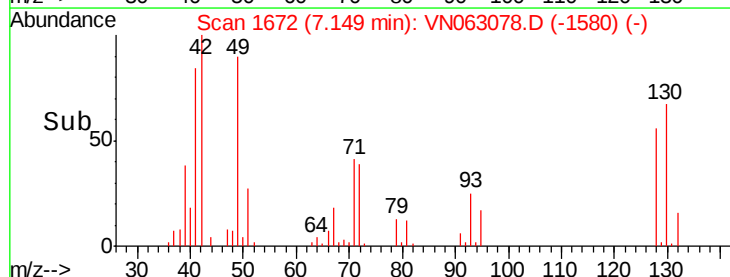
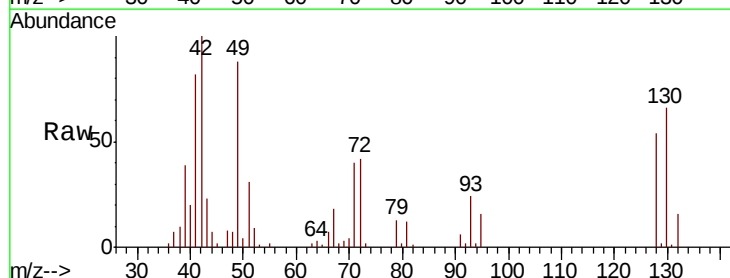
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

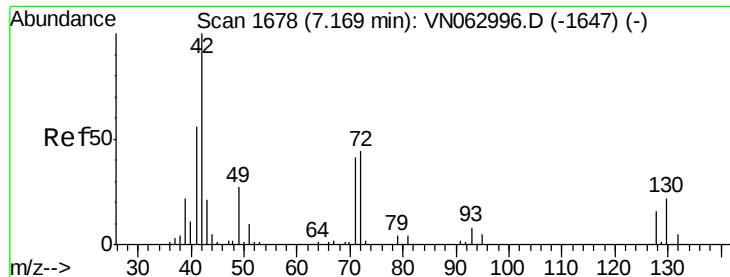
Tot Ion: 96 Resp: 34004
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 292.8
 98 65.3 0.0 130.6



#28
 Bromochloromethane
 Concen: 19.269 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion: 49 Resp: 31079
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.6
 130 74.6 61.1 91.7





#29

Tetrahydrofuran

Concen: 97.630 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

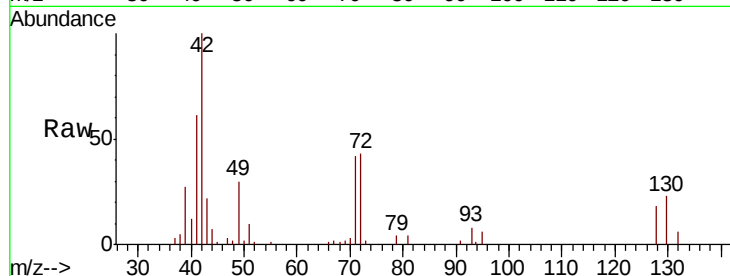
Tot Ion: 42 Resp: 64397

Ion Ratio Lower Upper

42 100

72 41.8 34.6 52.0

71 40.1 32.3 48.5

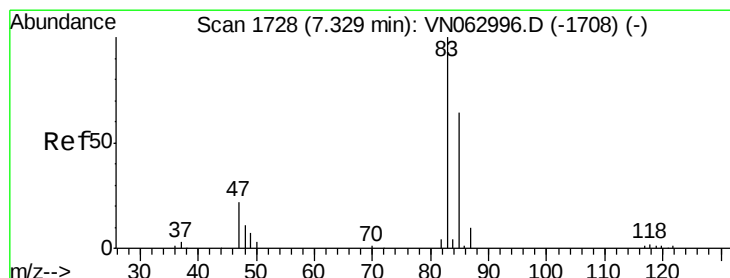
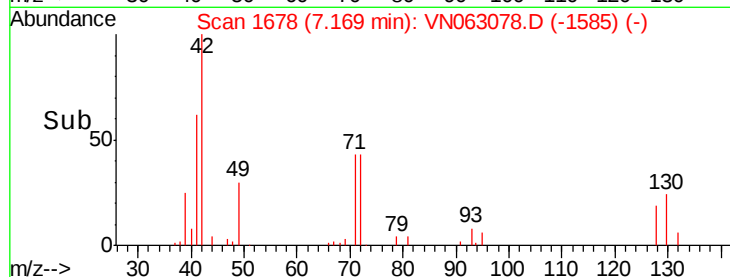


Abundance Ion 42.00 (41.70 to 42.70): VN062996.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062996.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062996.D (-1647) (-)

Time-->



#30

Chloroform

Concen: 19.654 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN063078.D

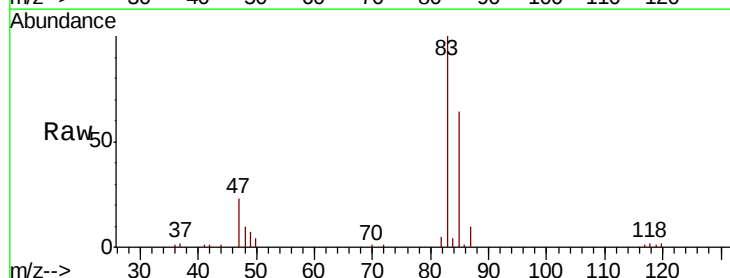
Acq: 21 Aug 2020 14:15

Tgt Ion: 83 Resp: 61018

Ion Ratio Lower Upper

83 100

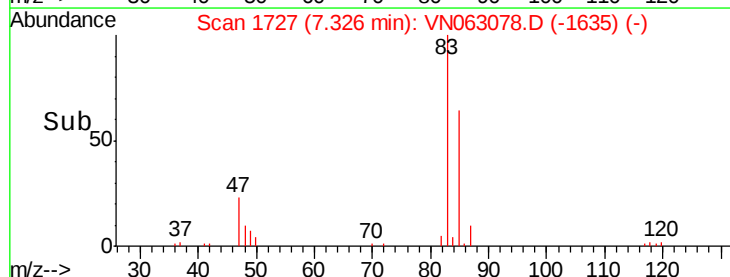
85 64.0 51.5 77.3

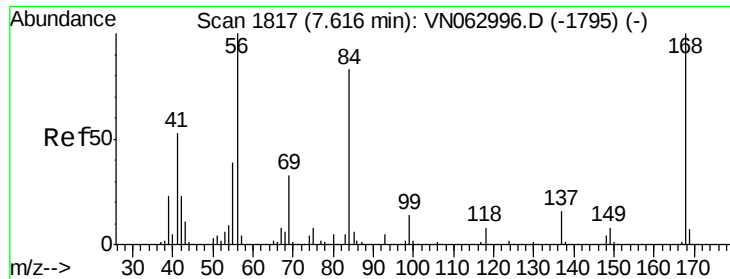


Abundance Ion 82.90 (82.60 to 83.60): VN062996.D (-1708) (-)

Ion 84.90 (84.60 to 85.60): VN062996.D (-1708) (-)

Time-->

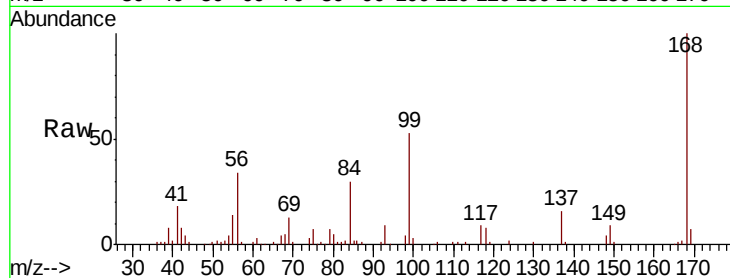




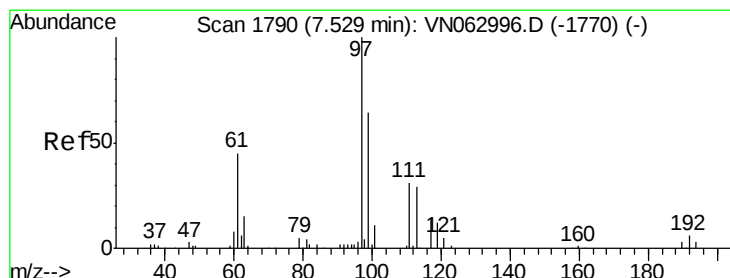
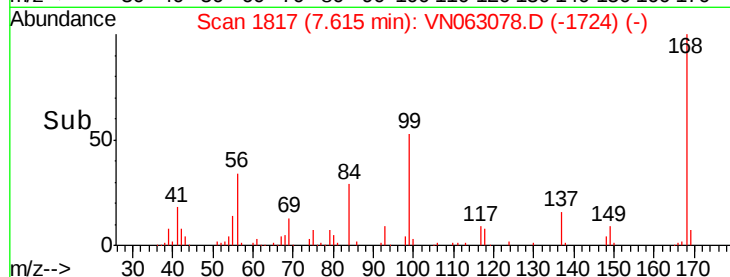
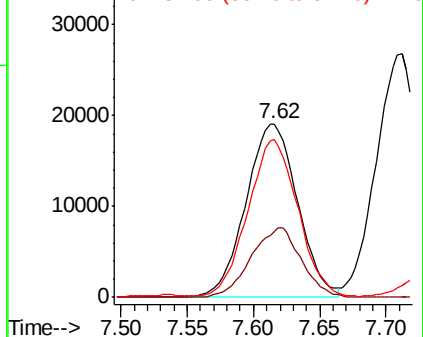
#31
Cyclohexane
Concen: 18.248 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

Tot Ion: 56 Resp: 51774
Ion Ratio Lower Upper
56 100
69 38.0 26.6 40.0
84 89.4 66.4 99.6

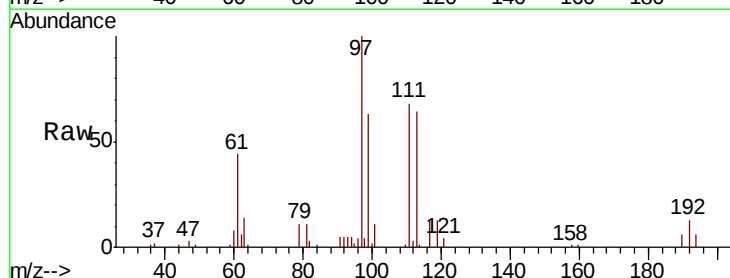


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

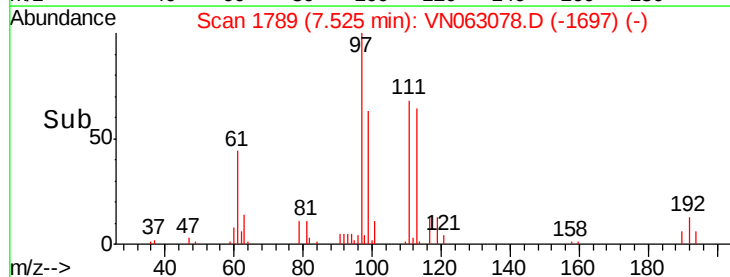
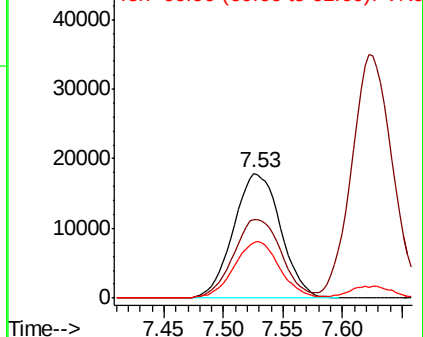


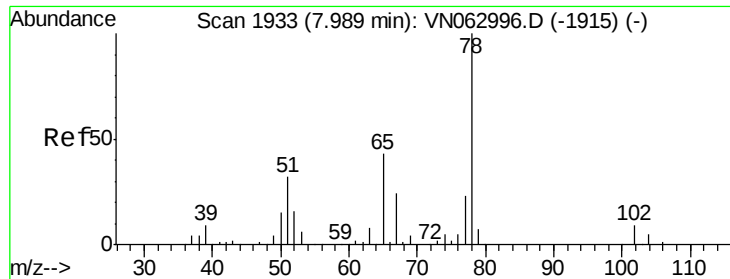
#32
1,1,1-Trichloroethane
Concen: 19.395 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 97 Resp: 49159
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 43.9 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

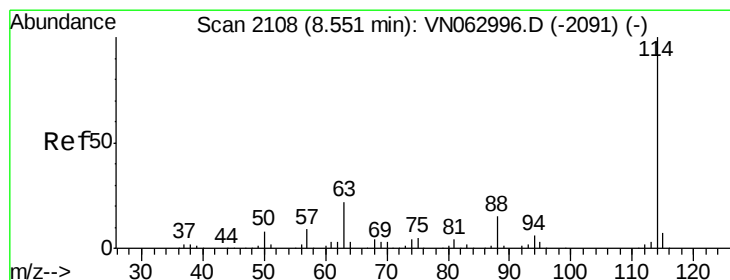
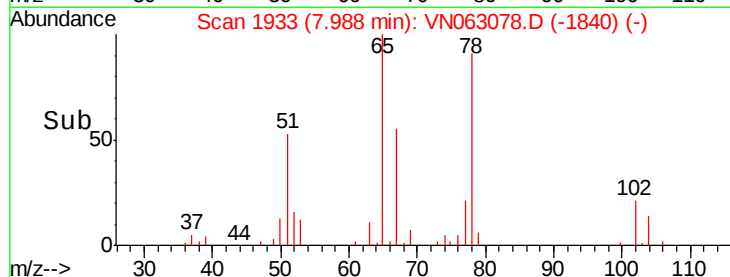
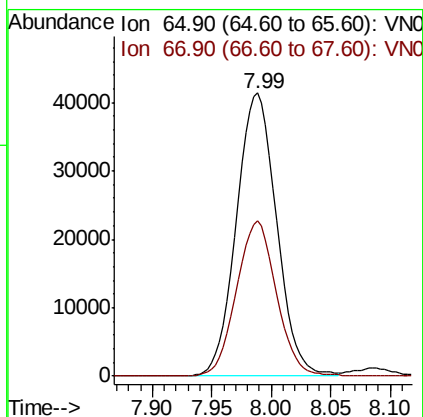
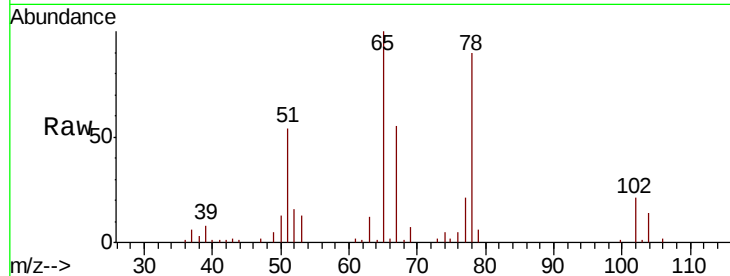




#33
 1,2-Dichloroethane-d4
 Concen: 50.390 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

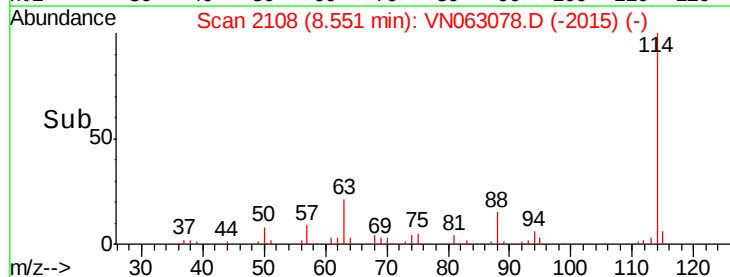
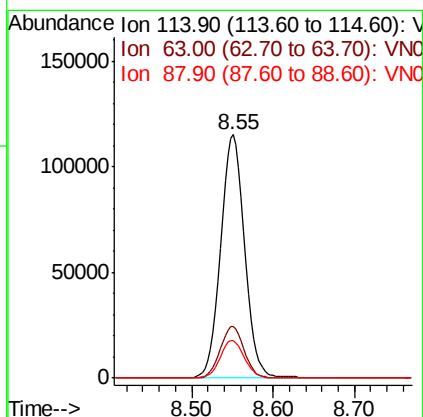
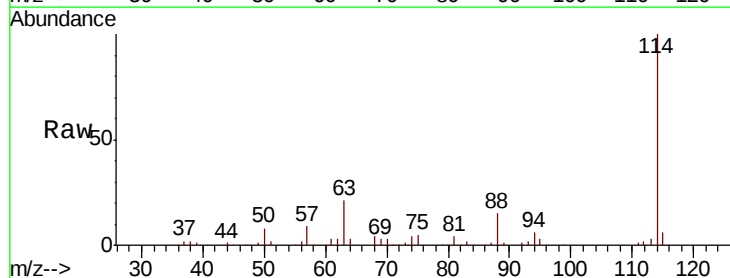
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

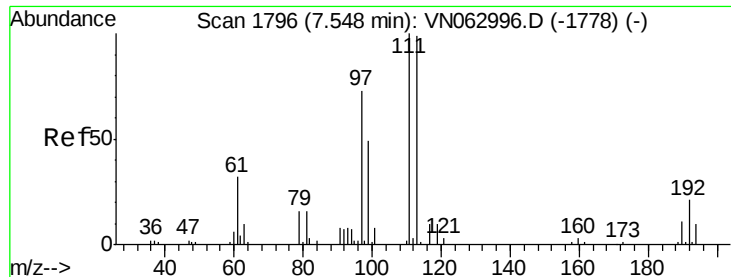
Tot Ion: 65 Resp: 97002
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion: 114 Resp: 240172
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 15.4 0.0 30.6

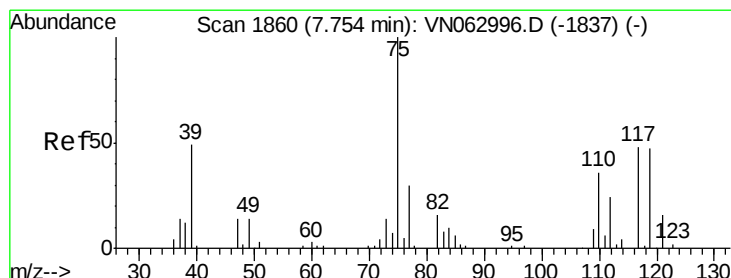
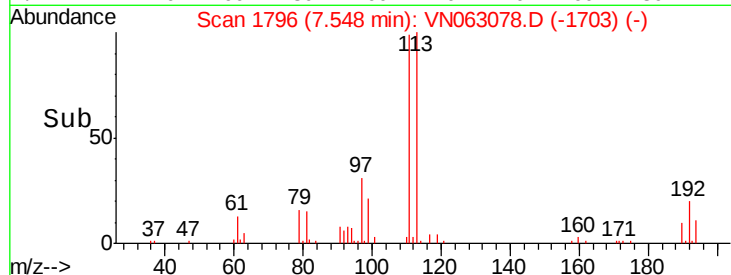
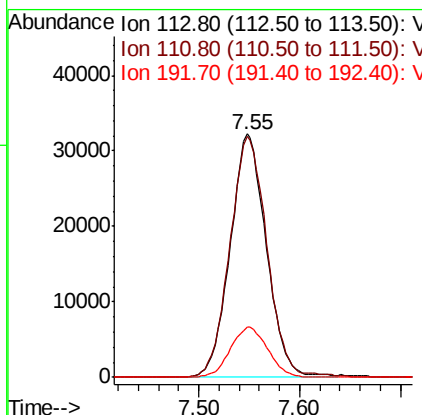
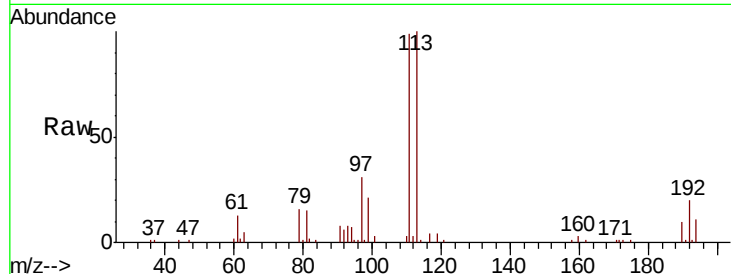




#35
 Dibromofluoromethane
 Concen: 51.301 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

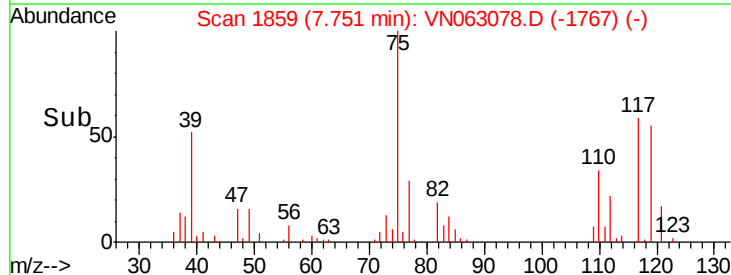
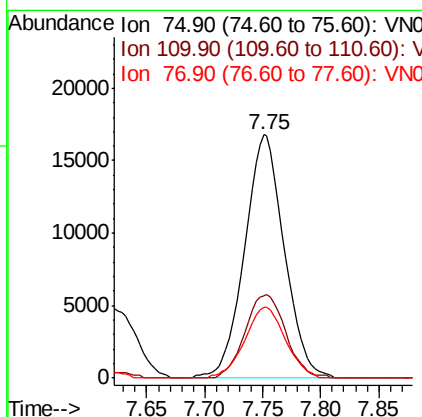
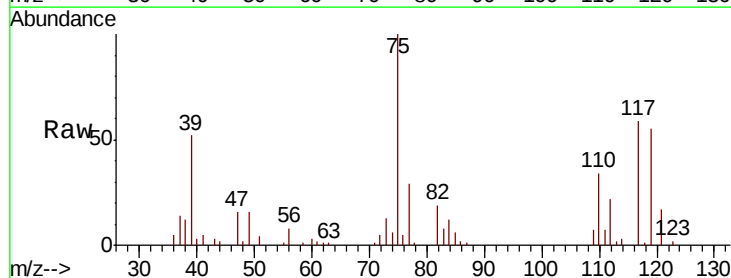
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

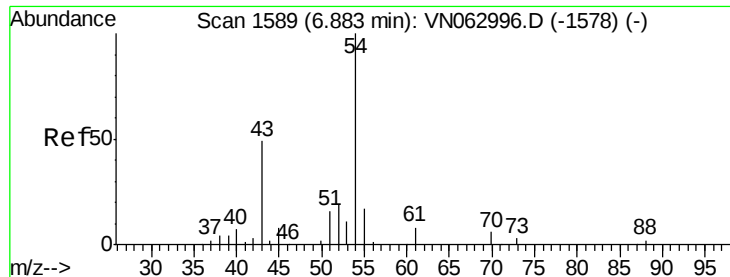
Tot Ion:113 Resp: 80283
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 21.3 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 18.873 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion: 75 Resp: 39945
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.5 52.6
 77 30.0 24.2 36.4

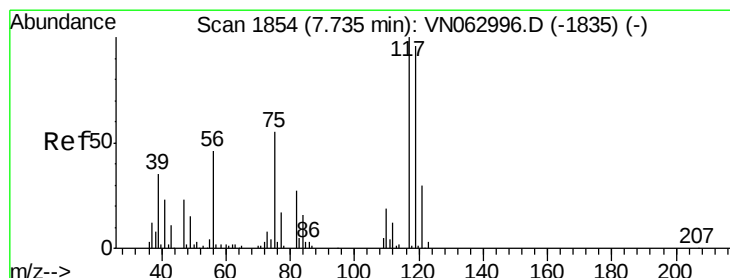
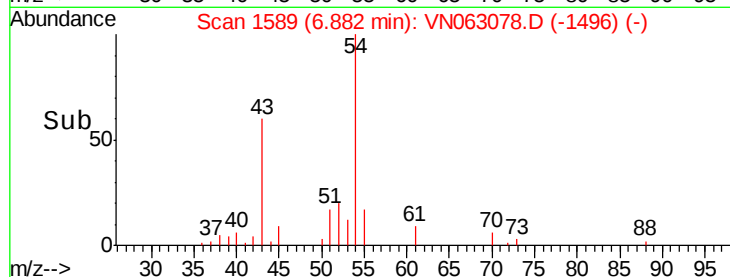
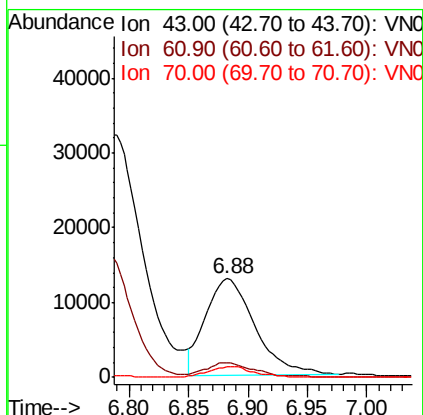
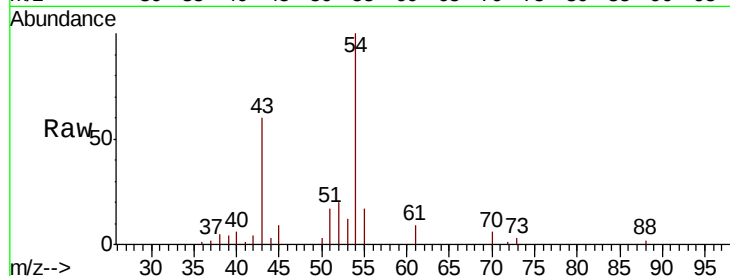




#37
Ethyl Acetate
Concen: 18.782 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

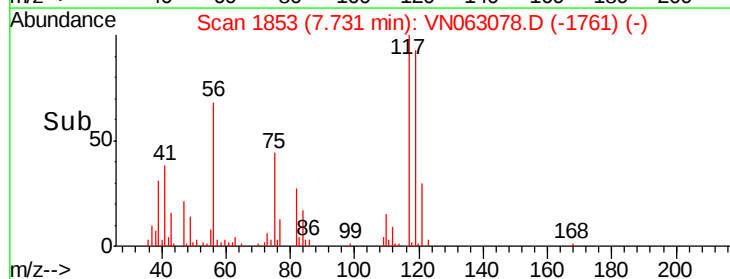
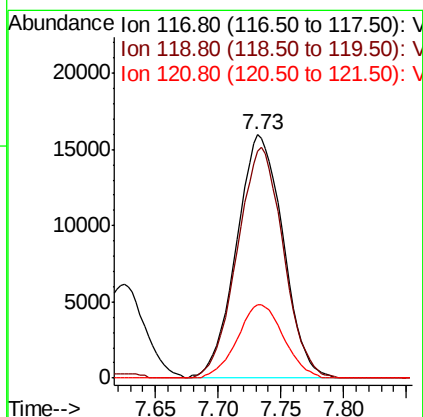
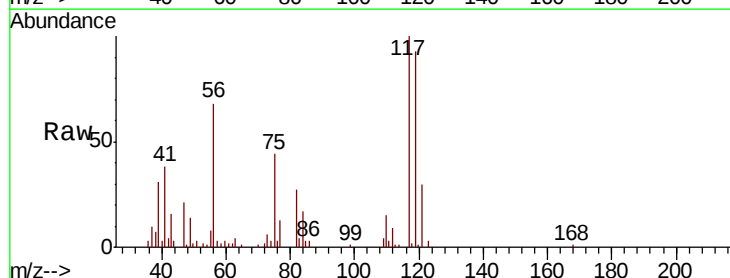
Instrument :
MSVOA_N
ClientSampled :
VN0821WBSD02

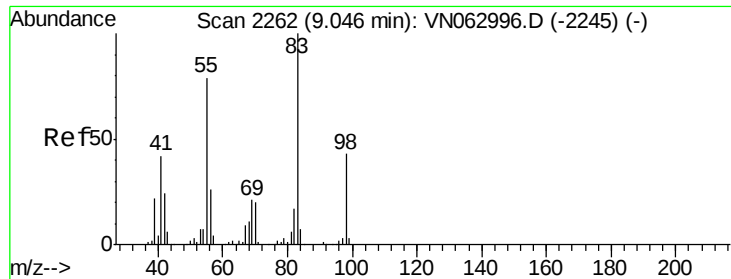
Tot Ion: 43 Resp: 37248
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.8
70 10.0 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.280 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 117 Resp: 41198
Ion Ratio Lower Upper
117 100
119 93.0 76.2 114.4
121 30.3 24.2 36.2

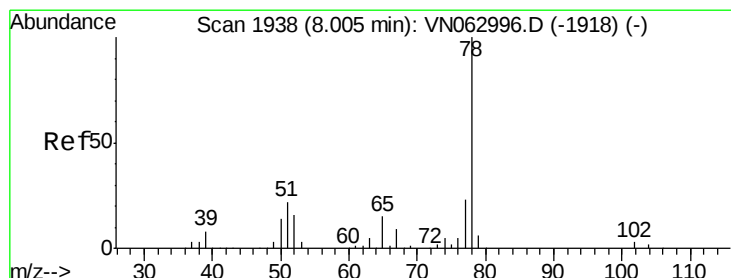
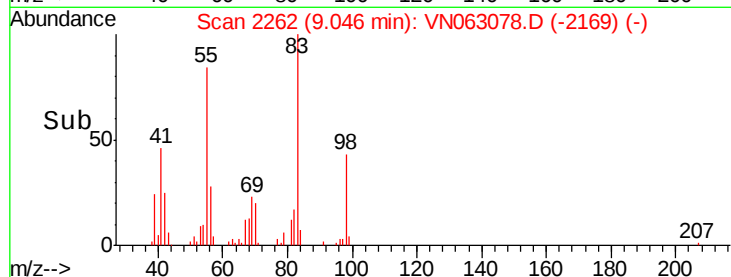
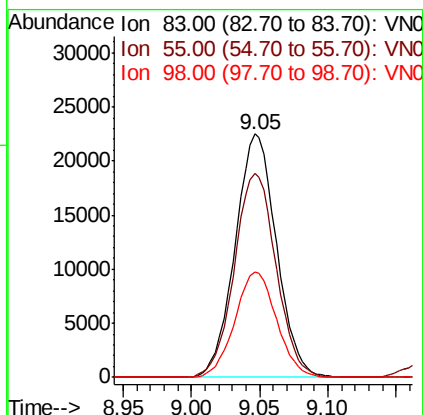
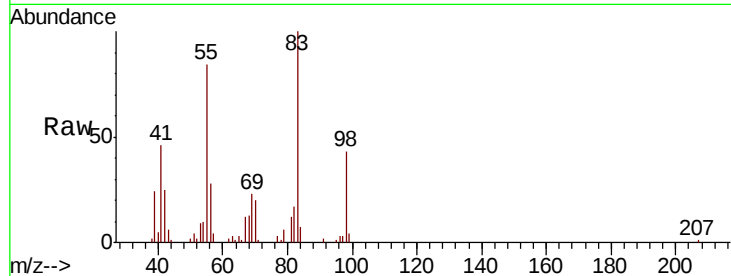




#39
Methvlcvclohexane
Concen: 17.574 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

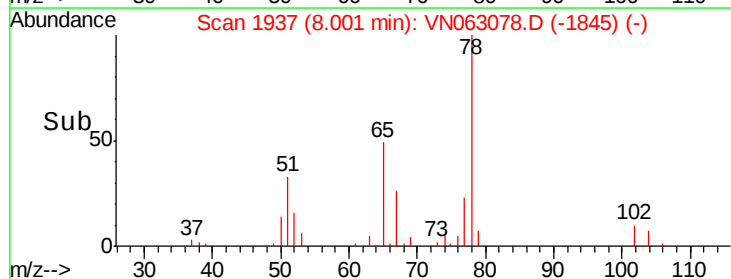
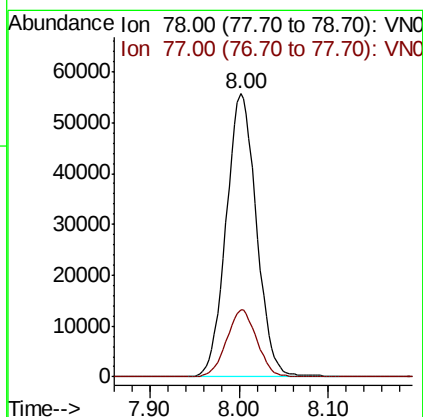
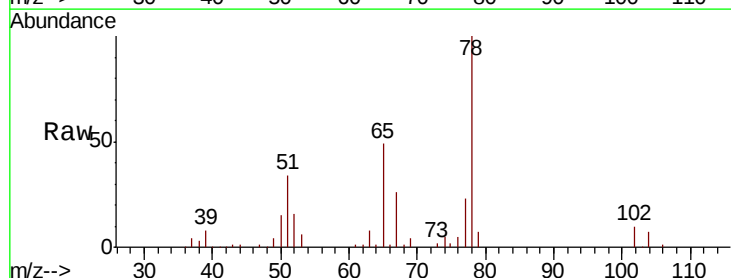
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

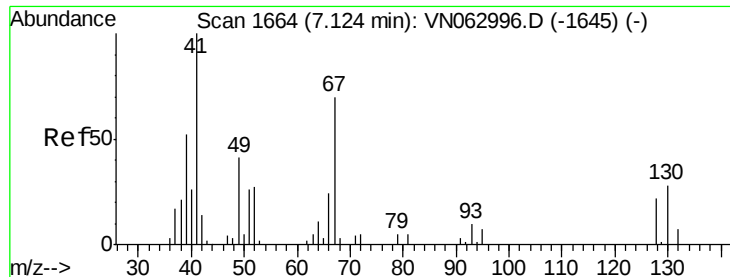
Tot Ion: 83 Resp: 47230
Ion Ratio Lower Upper
83 100
55 83.7 63.3 94.9
98 43.3 34.2 51.4



#40
Benzene
Concen: 19.563 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 78 Resp: 131326
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

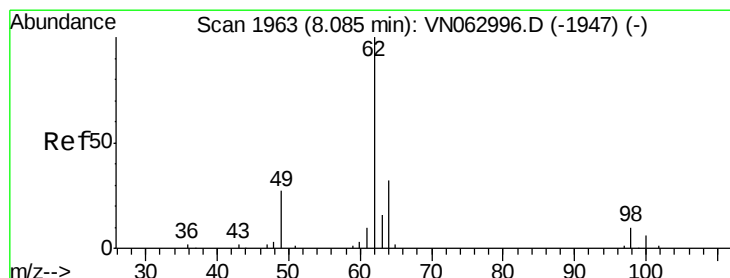
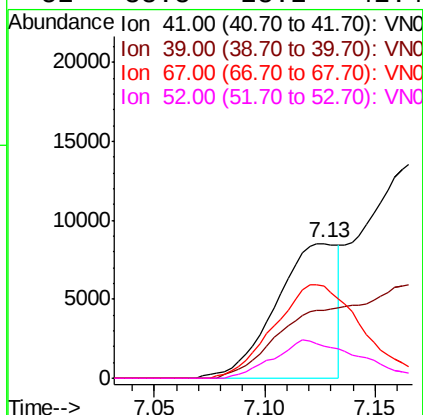
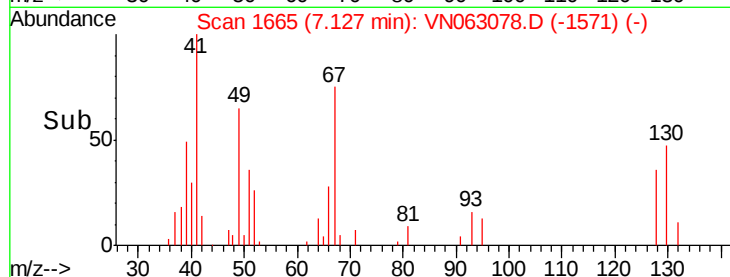
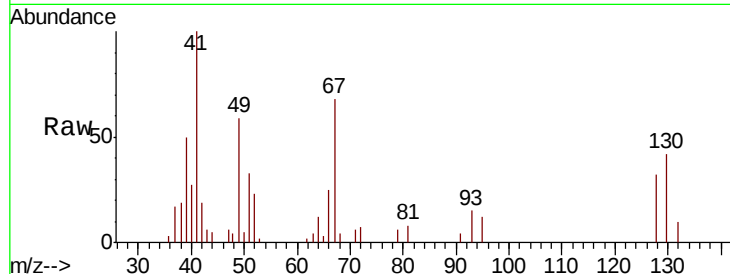




#41
Methacrylonitrile
Concen: 17.640 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

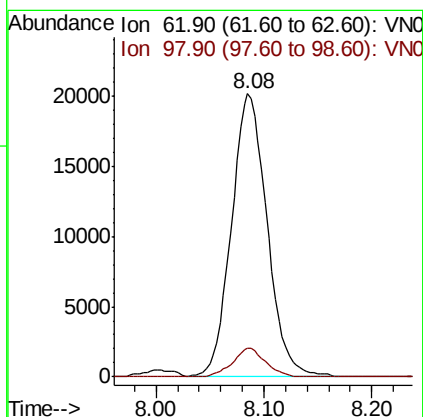
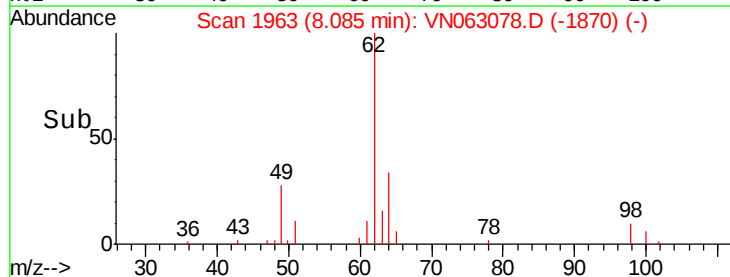
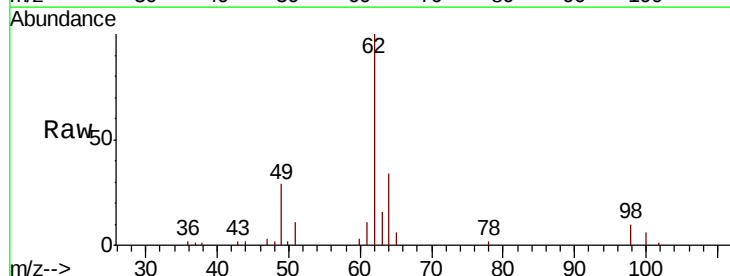
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

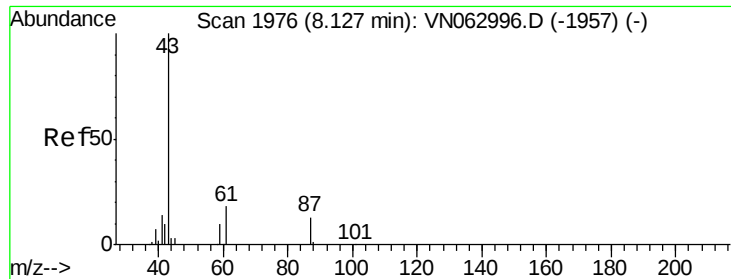
Tot Ion:	41	Resp:	16668
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.6	62.4#
67	99.6	71.8	107.8
52	38.8	28.2	42.4



#42
1,2-Dichloroethane
Concen: 20.621 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion:	62	Resp:	46479
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 19.467 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

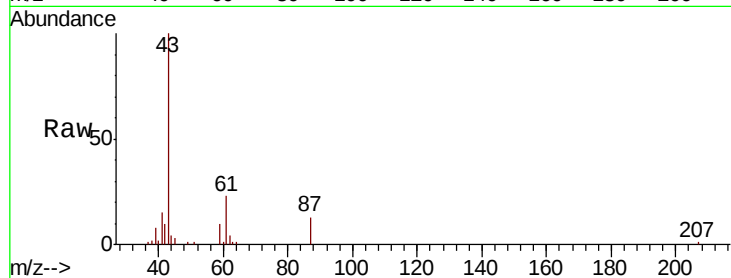
Tot Ion: 43 Resp: 63961

Ion Ratio Lower Upper

43 100

61 28.8 22.6 33.8

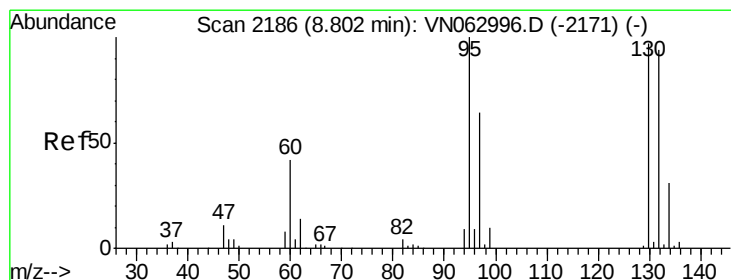
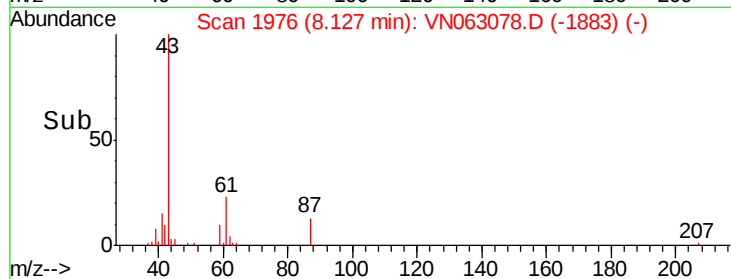
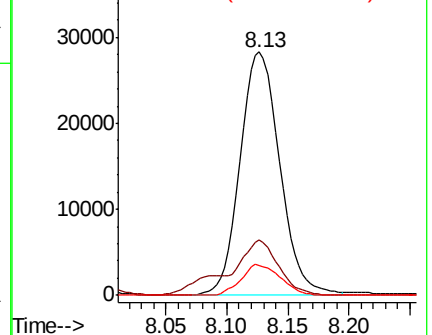
87 12.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 18.956 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063078.D

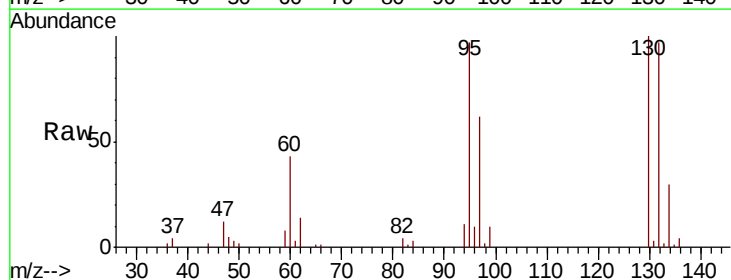
Acq: 21 Aug 2020 14:15

Tgt Ion:130 Resp: 31653

Ion Ratio Lower Upper

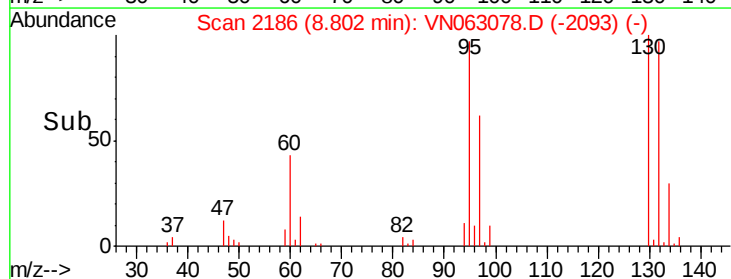
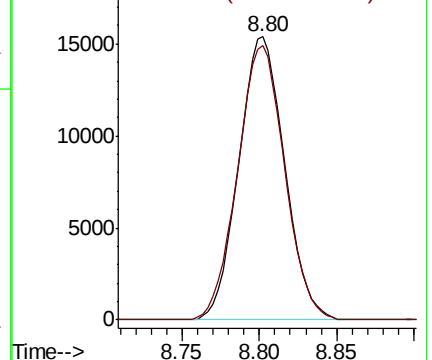
130 100

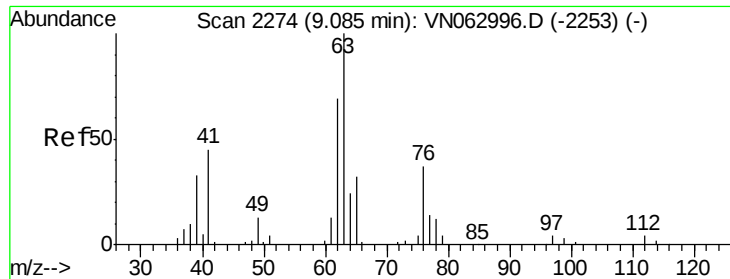
95 97.0 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 19.938 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

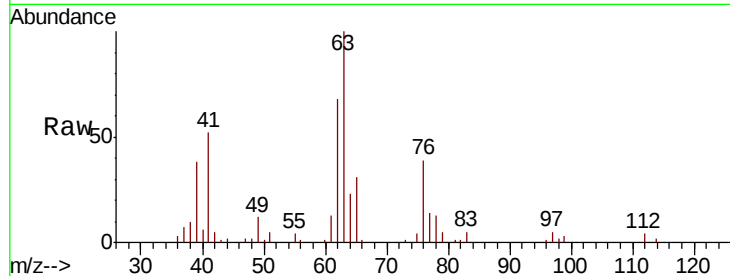
VN0821WBSD02

Tot Ion: 63 Resp: 38688

Ion Ratio Lower Upper

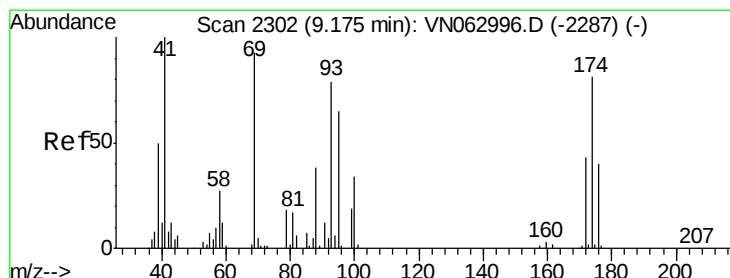
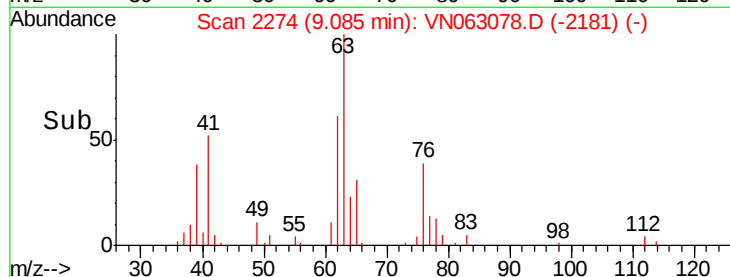
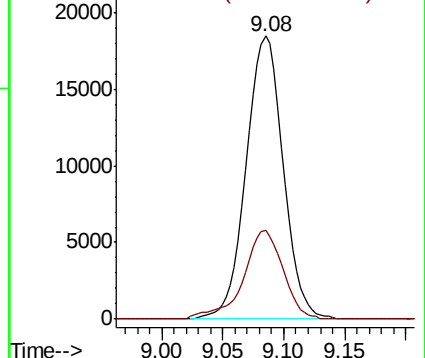
63 100

65 31.3 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.300 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

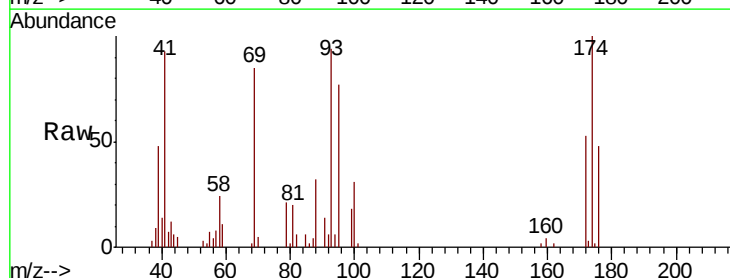
Tgt Ion: 93 Resp: 22756

Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

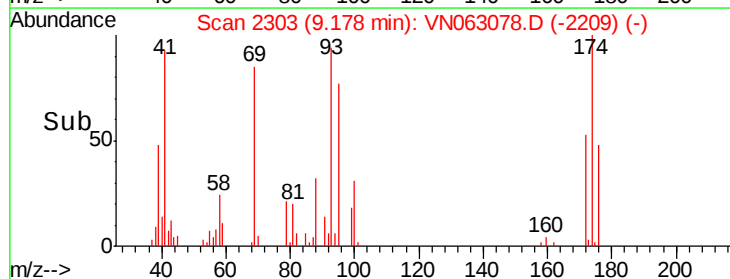
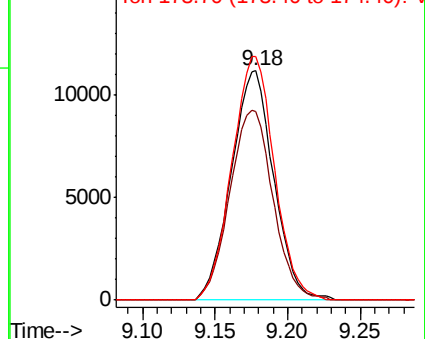
174 106.2 84.6 127.0

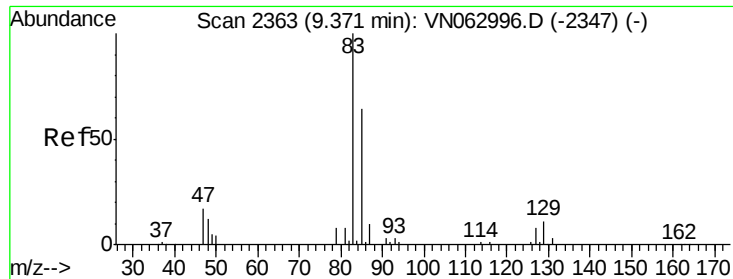


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

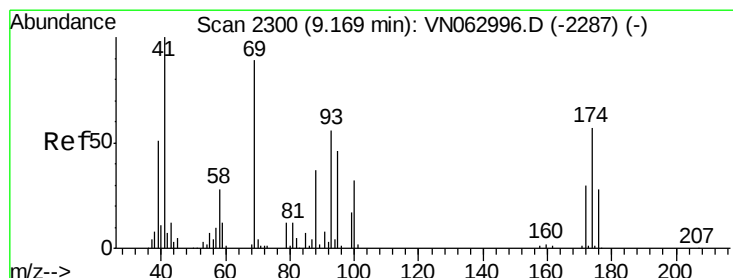
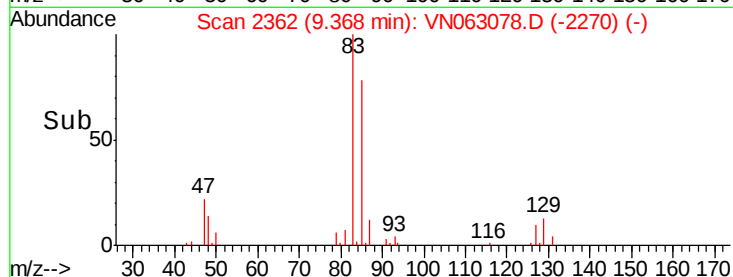
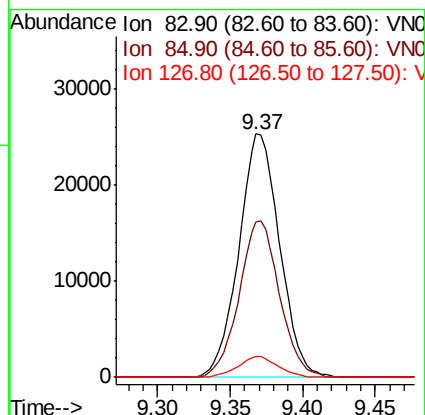
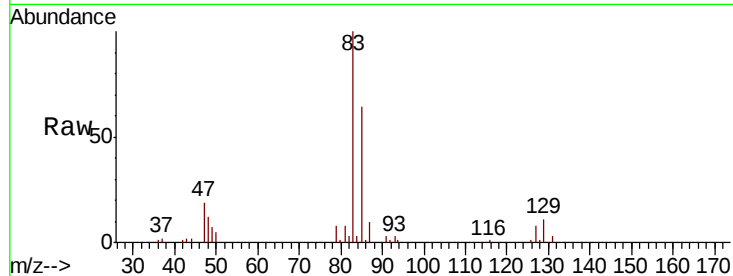




#47
 Bromodichloromethane
 Concen: 20.200 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

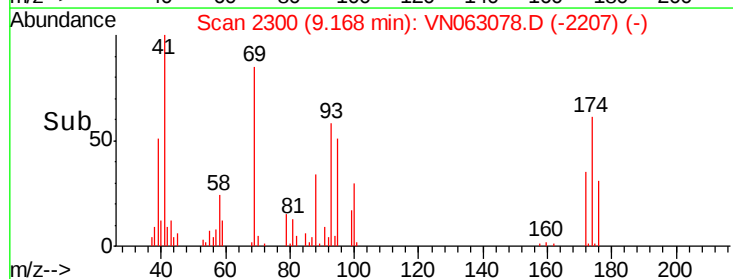
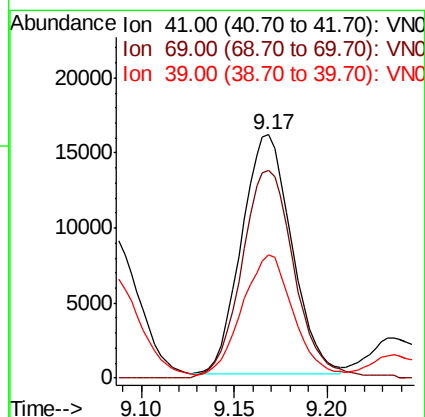
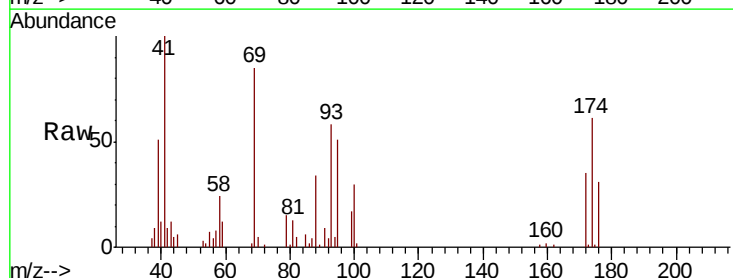
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

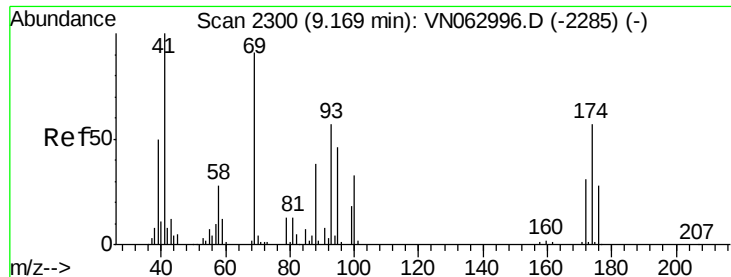
Tot Ion	83	Resp	49595
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.1	76.7
127	8.4	6.6	9.8



#48
 Methyl methacrylate
 Concen: 19.221 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion	41	Resp	29880
Ion Ratio	Lower	Upper	
41	100		
69	91.2	74.2	111.4
39	51.1	42.5	63.7

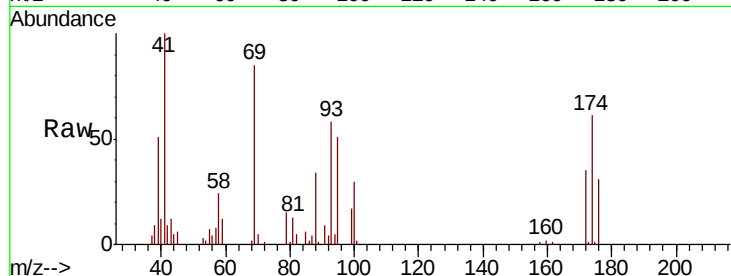




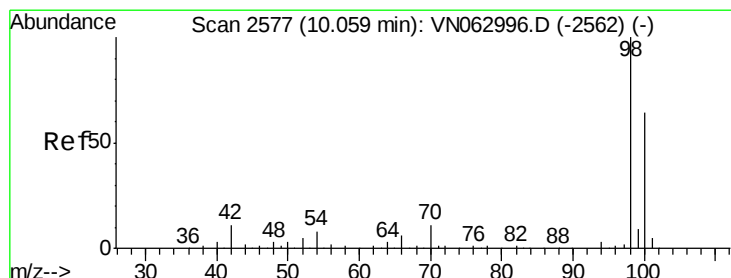
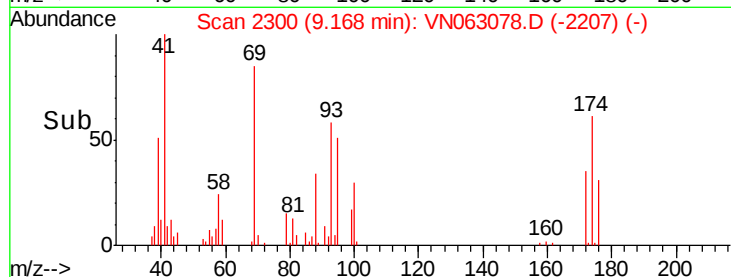
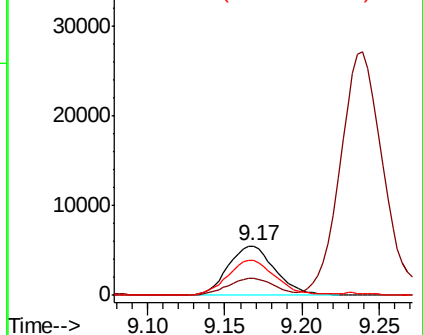
#49
 1,4-Dioxane
 Concen: 350.381 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

Tot Ion: 88 Resp: 11641
 Ion Ratio Lower Upper
 88 100
 43 34.6 25.2 37.8
 58 72.5 56.7 85.1

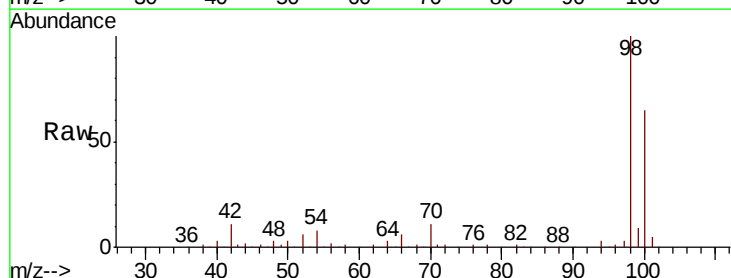


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

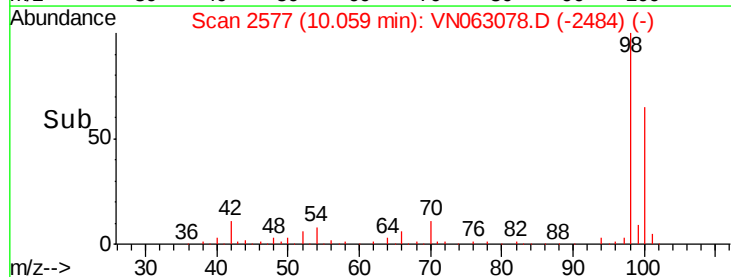
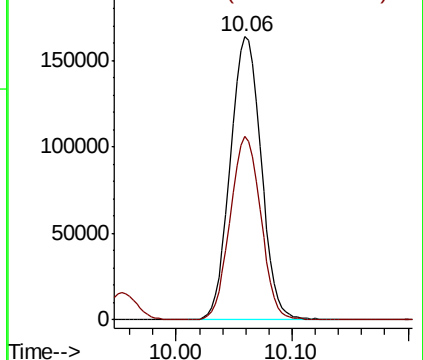


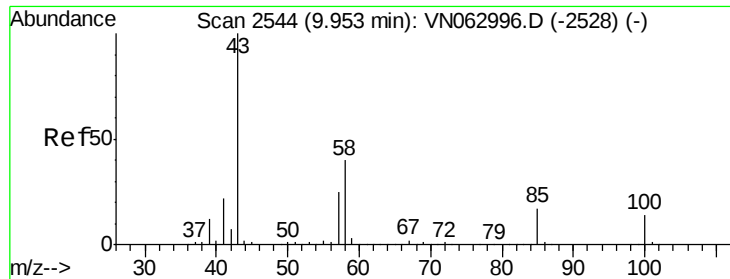
#50
 Toluene-d8
 Concen: 50.264 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion: 98 Resp: 302142
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.2 76.8



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: 101.685 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampled :

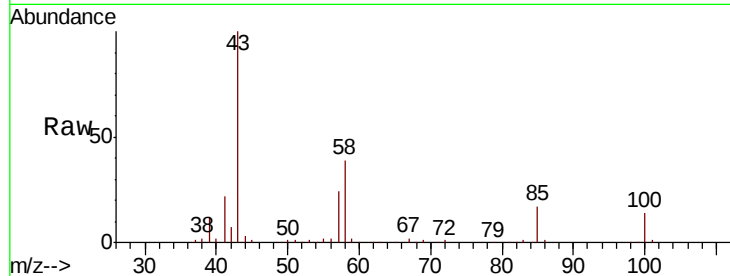
VN0821WBSD02

Tot Ion: 43 Resp: 211175

Ion Ratio Lower Upper

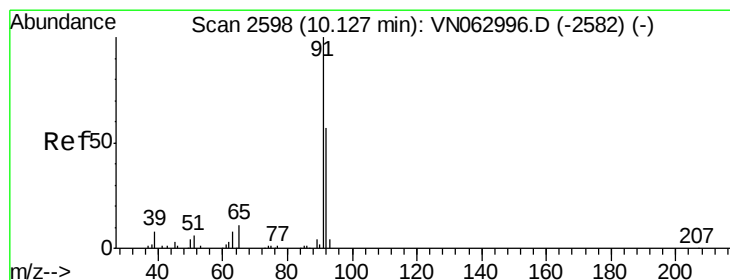
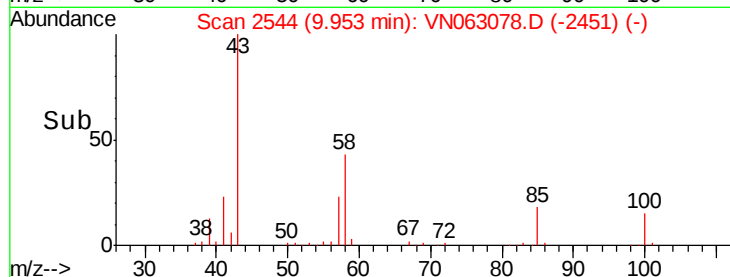
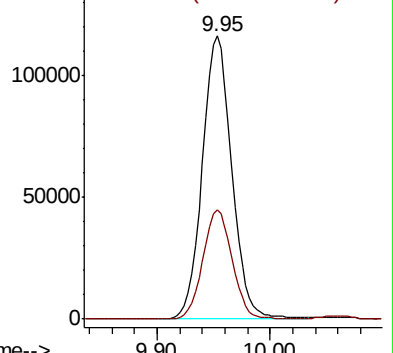
43 100

58 38.4 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.884 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063078.D

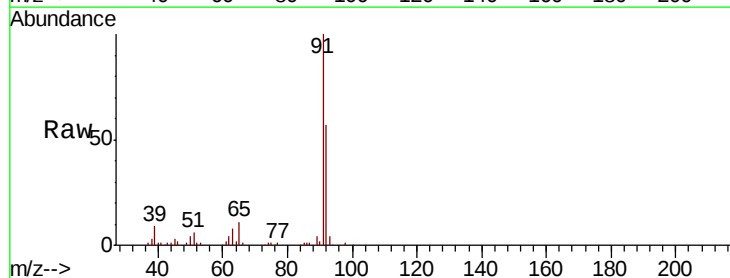
Acq: 21 Aug 2020 14:15

Tgt Ion: 92 Resp: 80521

Ion Ratio Lower Upper

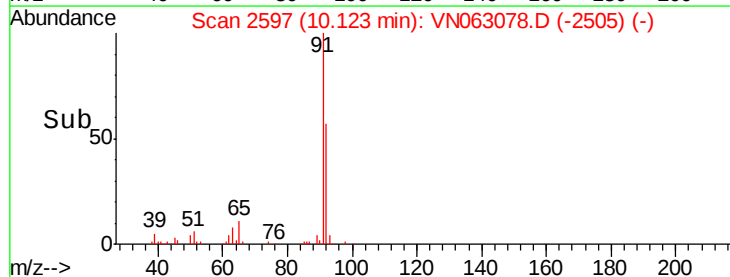
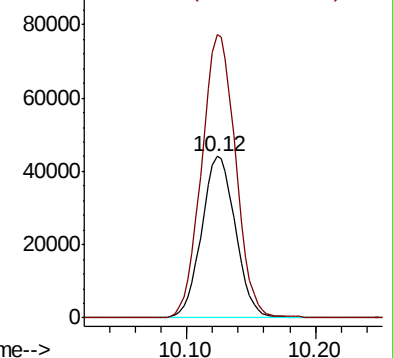
92 100

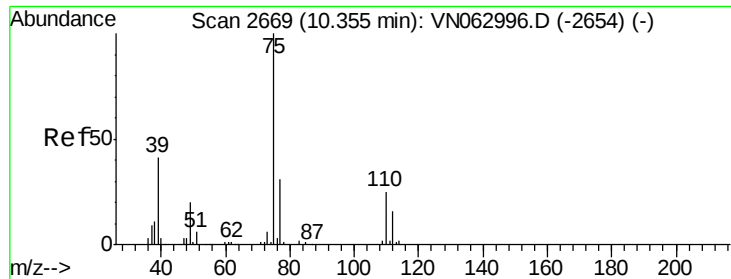
91 176.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.102 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

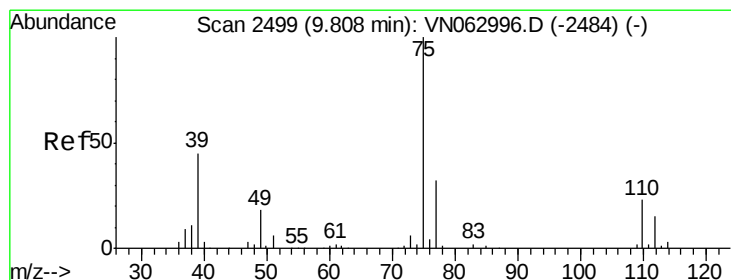
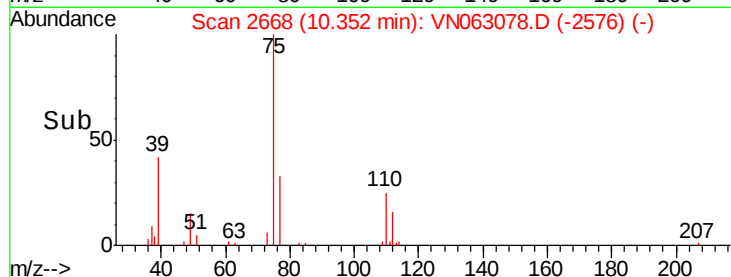
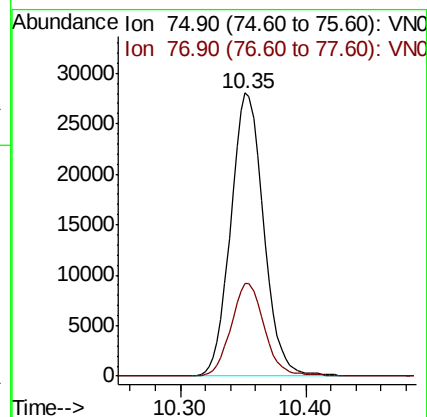
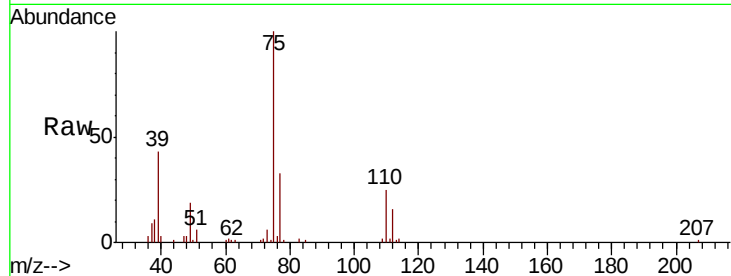
VN0821WBSD02

Tot Ion: 75 Resp: 51038

Ion Ratio Lower Upper

75 100

77 32.7 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.952 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

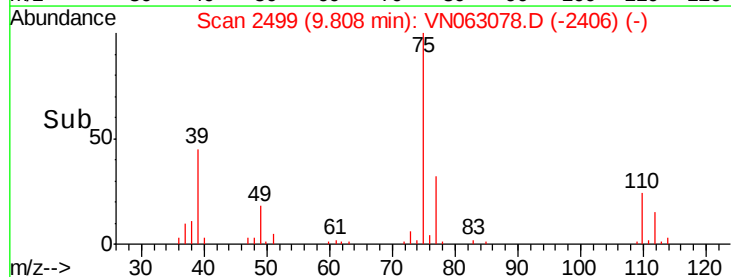
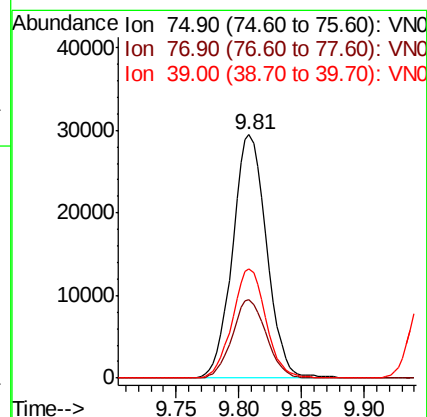
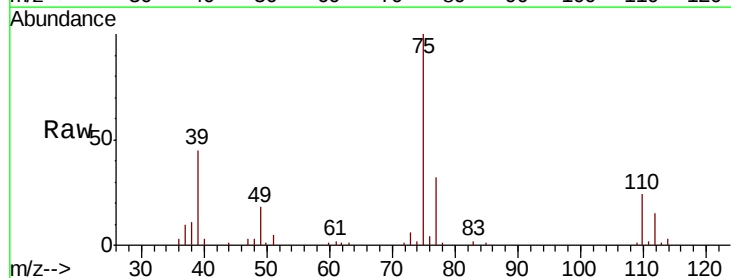
Tgt Ion: 75 Resp: 55571

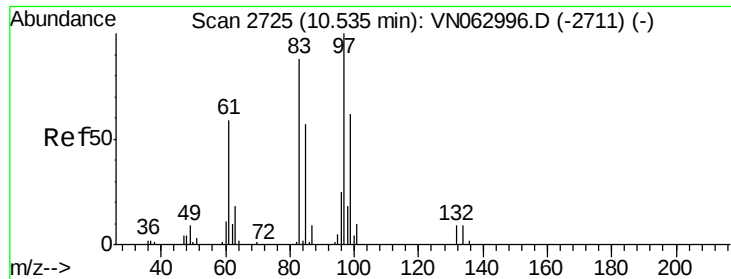
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 44.9 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 20.311 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

Tot Ion: 97 Resp: 35169

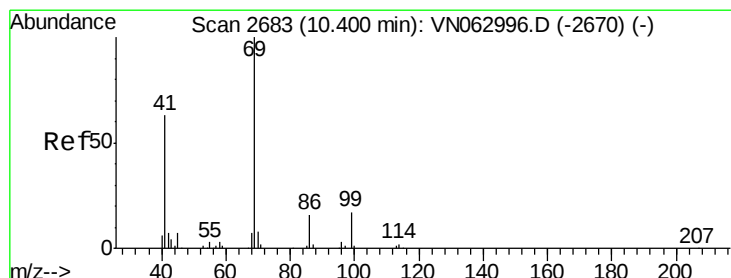
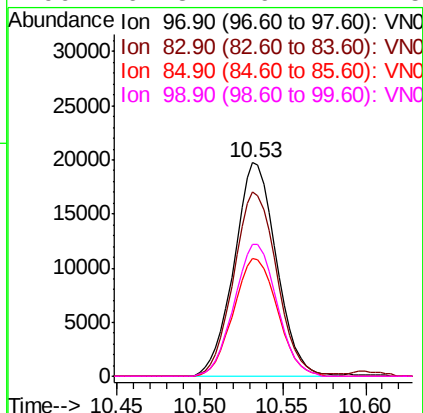
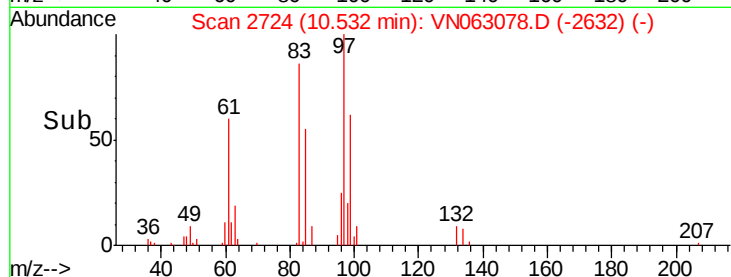
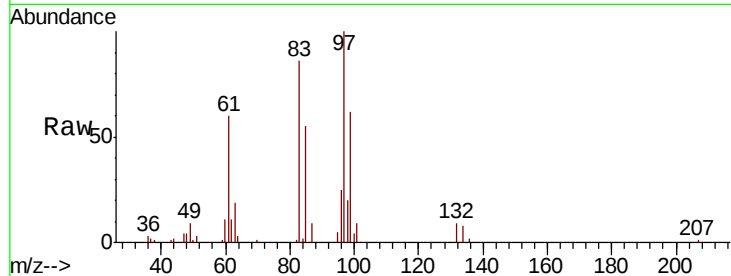
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.5	105.7
85	54.9	45.8	68.6
99	61.8	49.7	74.5

97 100

83 86.1 70.5 105.7

85 54.9 45.8 68.6

99 61.8 49.7 74.5



#56

Ethyl methacrylate

Concen: 18.456 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

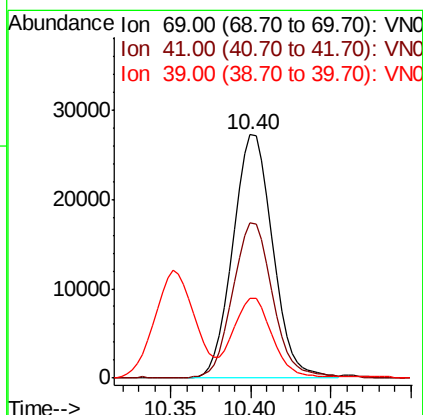
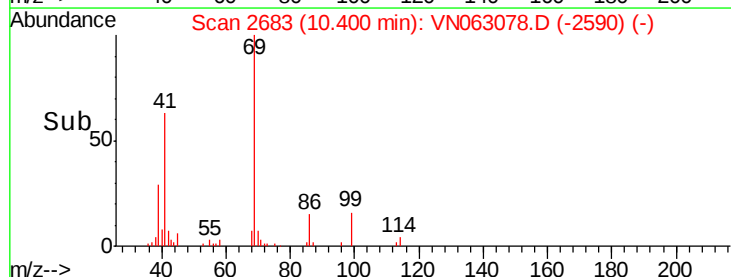
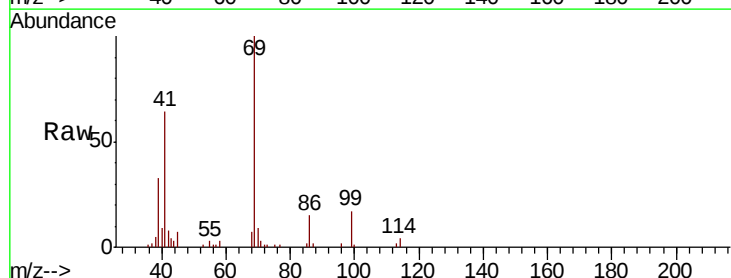
Tgt Ion: 69 Resp: 46313

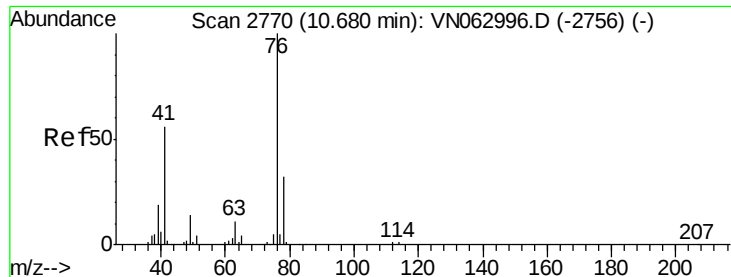
Ion	Ratio	Lower	Upper
69	100		
41	64.6	50.2	75.2
39	31.8	24.2	36.4

69 100

41 64.6 50.2 75.2

39 31.8 24.2 36.4





#57

1,3-Dichloropropane

Concen: 19.954 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

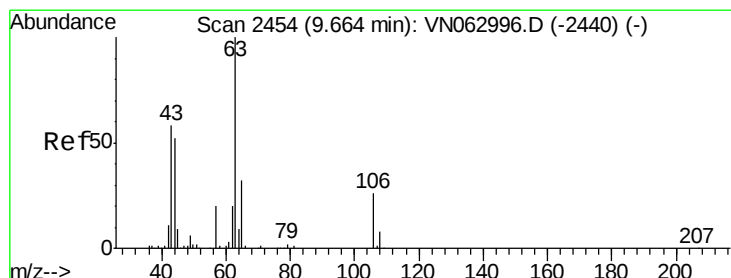
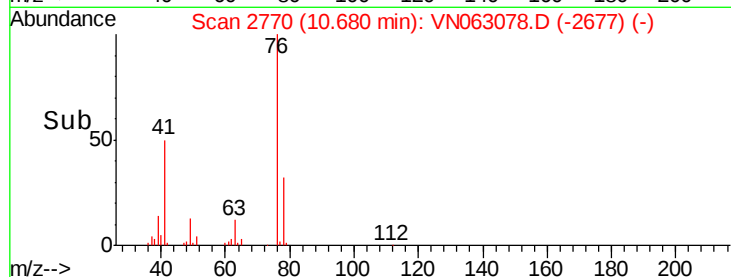
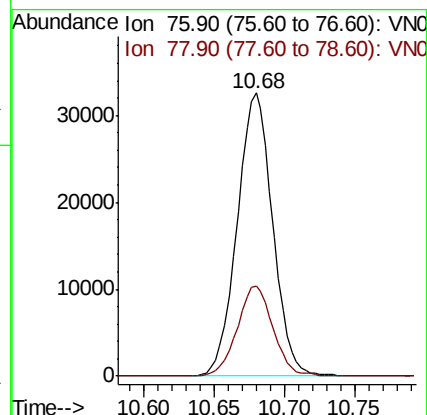
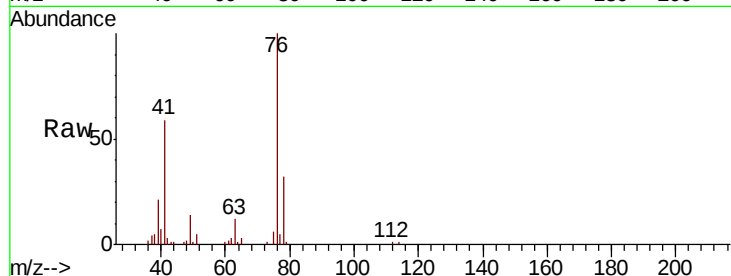
VN0821WBSD02

Tot Ion: 76 Resp: 57373

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 79.952 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063078.D

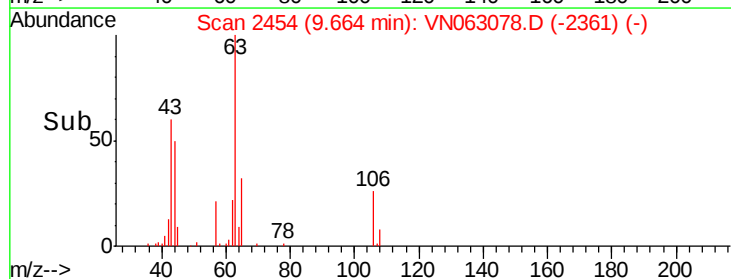
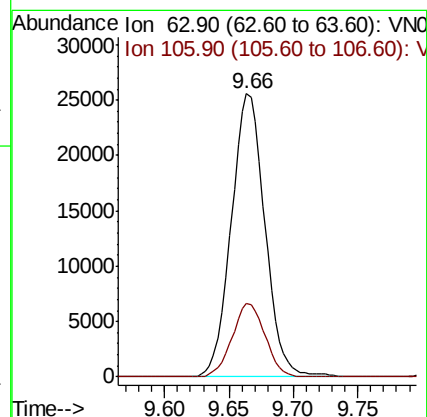
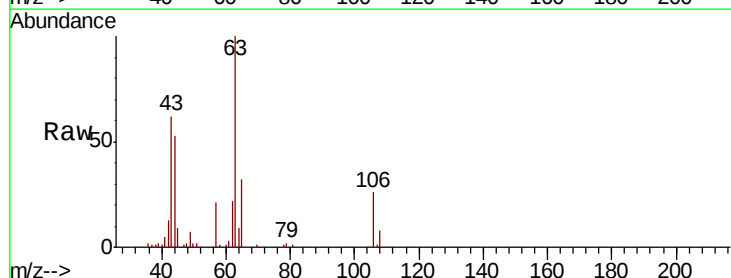
Acq: 21 Aug 2020 14:15

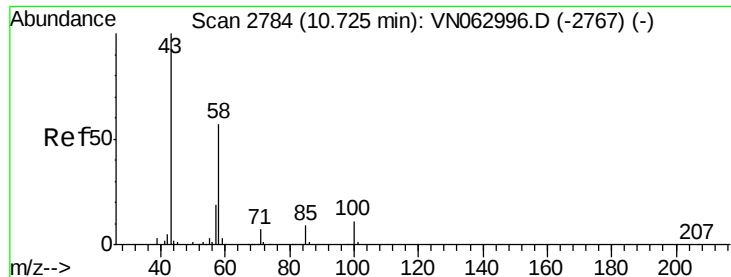
Tgt Ion: 63 Resp: 46309

Ion Ratio Lower Upper

63 100

106 25.2 20.7 31.1

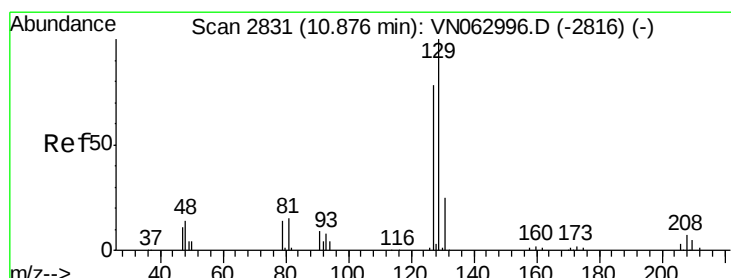
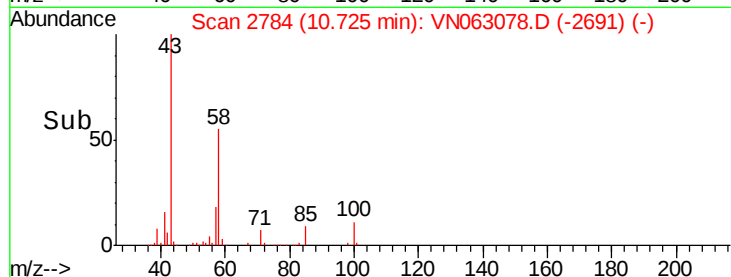
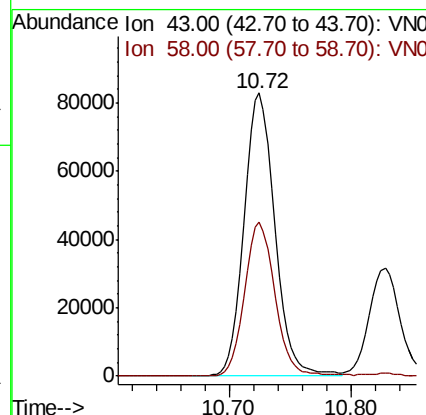
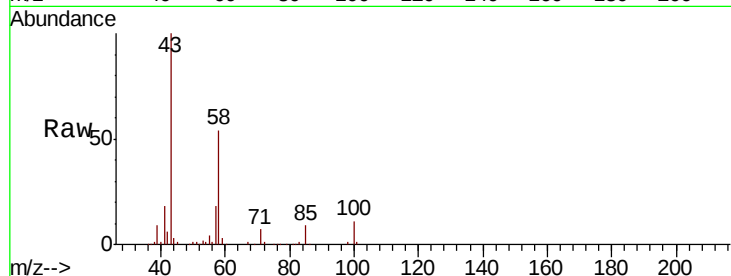




#59
2-Hexanone
Concen: 99.875 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

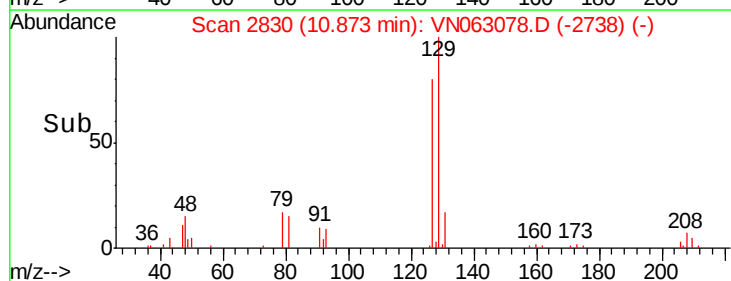
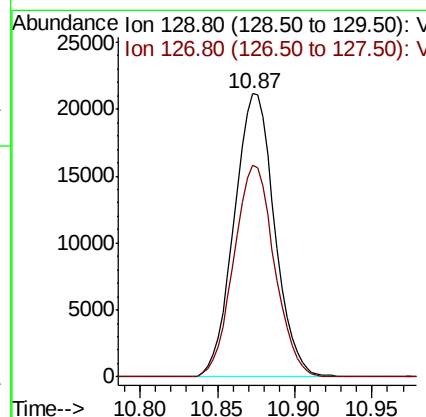
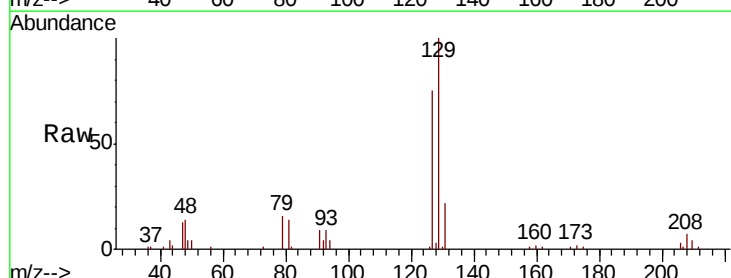
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

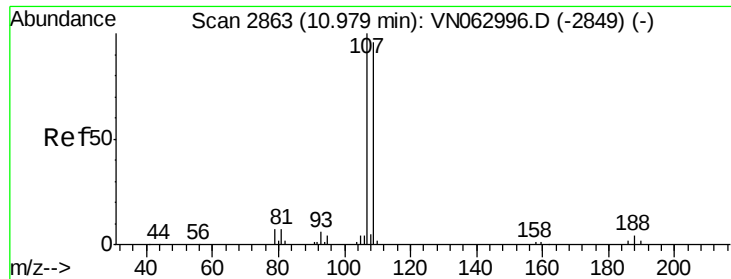
Tot Ion: 43 Resp: 144679
Ion Ratio Lower Upper
43 100
58 53.6 28.1 84.3



#60
Dibromochloromethane
Concen: 20.042 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 129 Resp: 38405
Ion Ratio Lower Upper
129 100
127 75.1 38.4 115.2

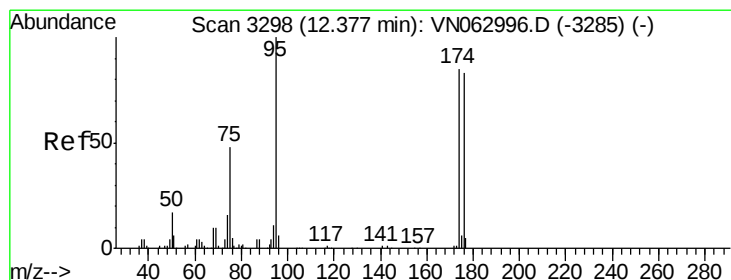
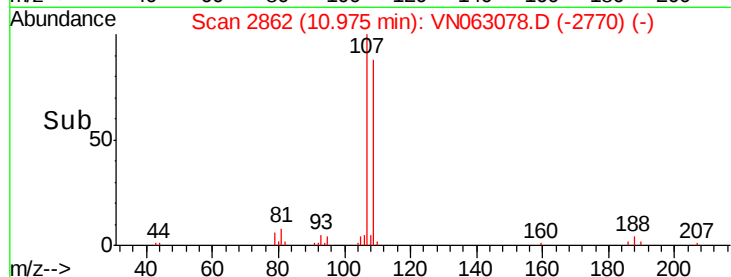
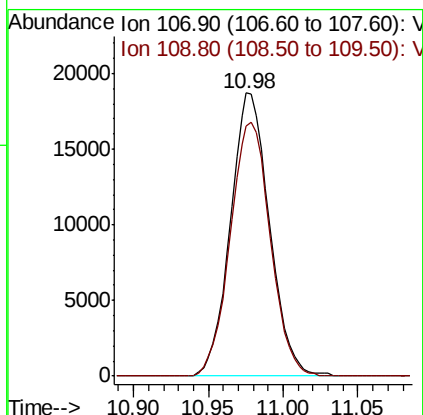
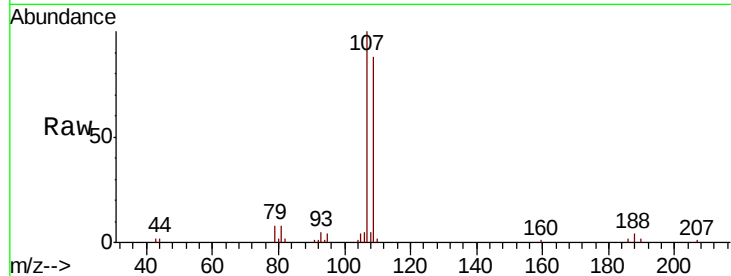




#61
 1,2-Dibromoethane
 Concen: 20.437 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

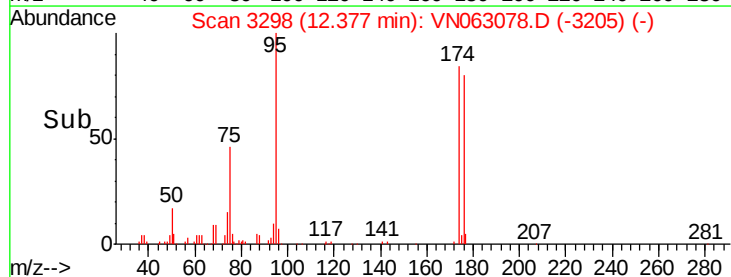
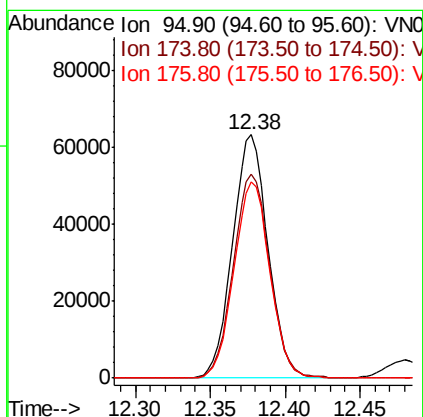
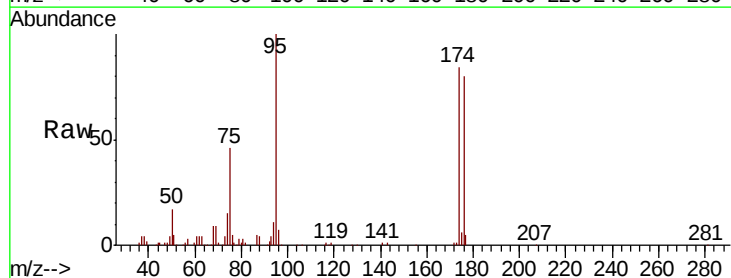
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

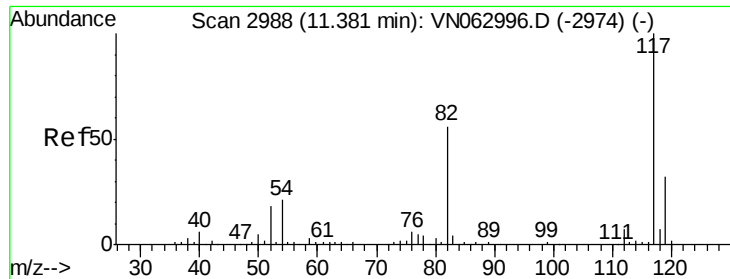
Tot Ion:107 Resp: 34002
 Ion Ratio Lower Upper
 107 100
 109 92.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.201 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion: 95 Resp: 104366
 Ion Ratio Lower Upper
 95 100
 174 85.8 0.0 170.8
 176 81.9 0.0 164.8

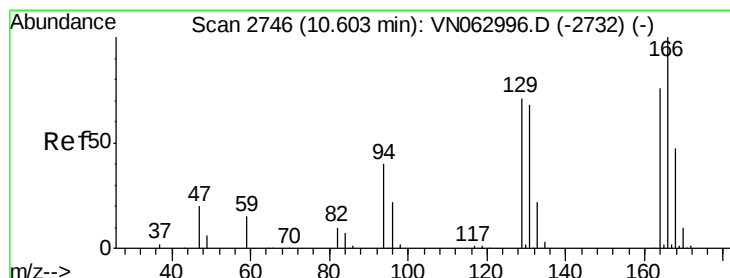
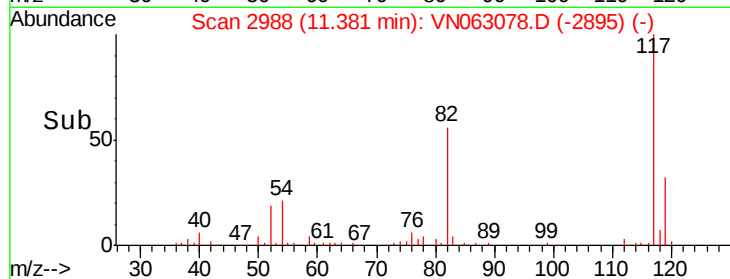
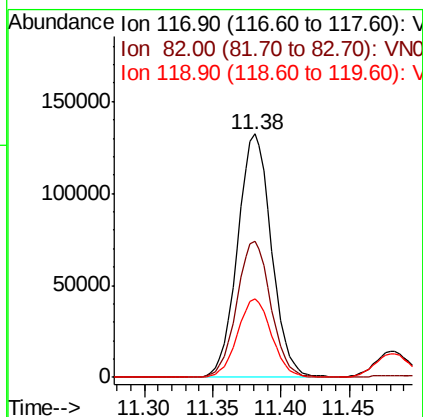
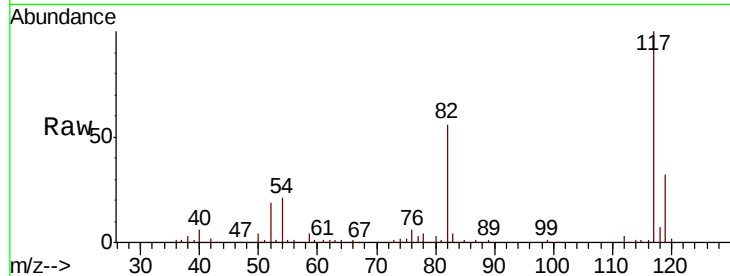




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

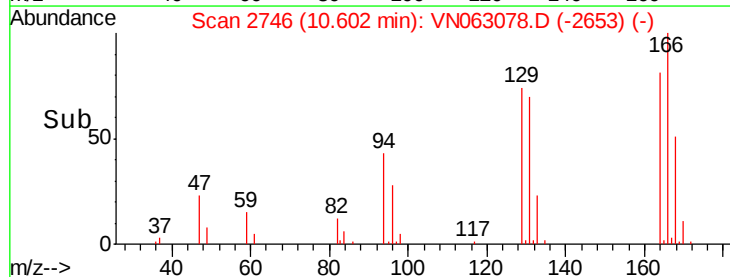
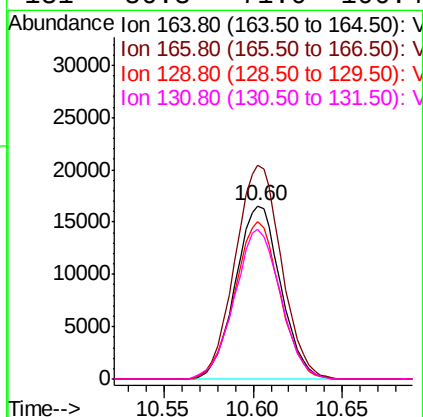
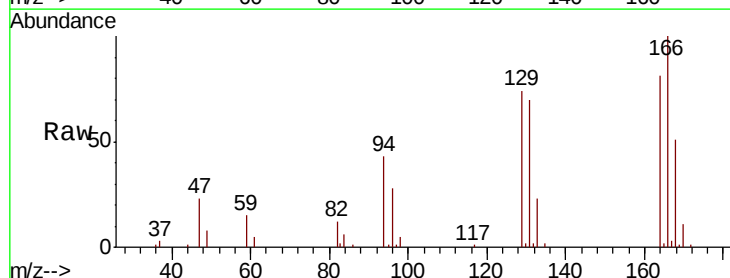
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

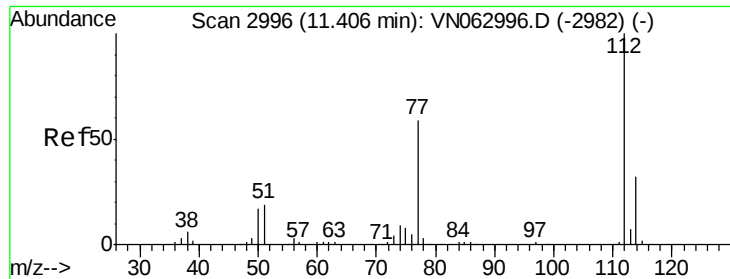
Tot Ion:117 Resp: 228108
Ion Ratio Lower Upper
117 100
82 56.0 44.5 66.7
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 19.548 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion:164 Resp: 29312
Ion Ratio Lower Upper
164 100
166 123.2 105.0 157.6
129 90.7 74.7 112.1
131 86.3 71.0 106.4

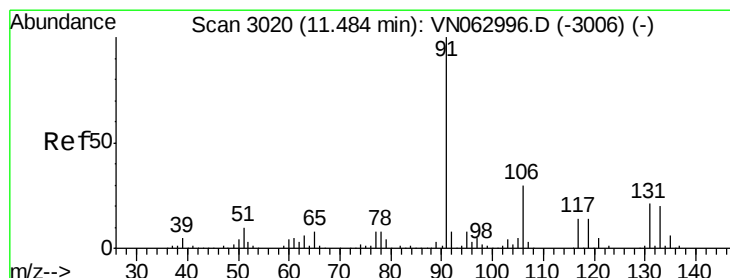
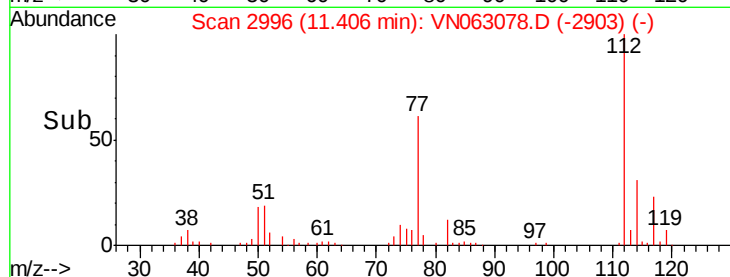
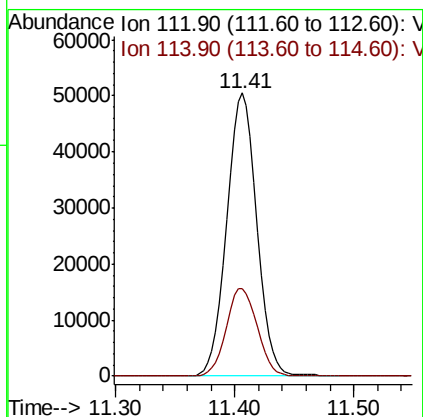
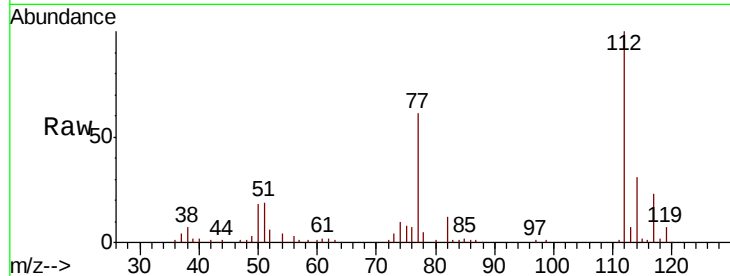




#65
Chlorobenzene
Concen: 19.281 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

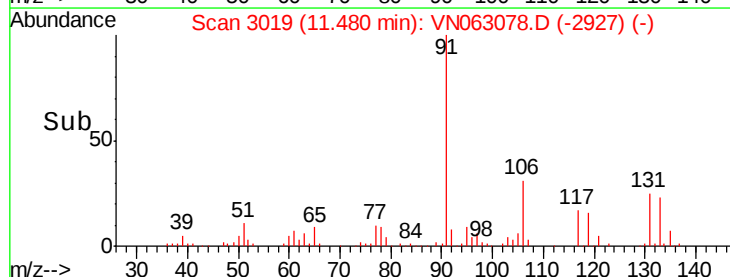
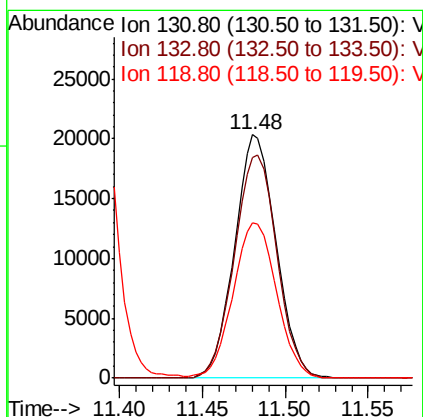
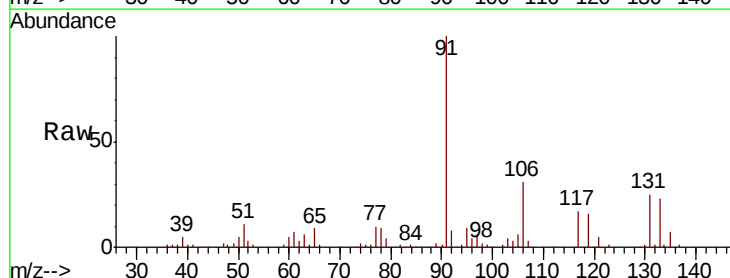
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

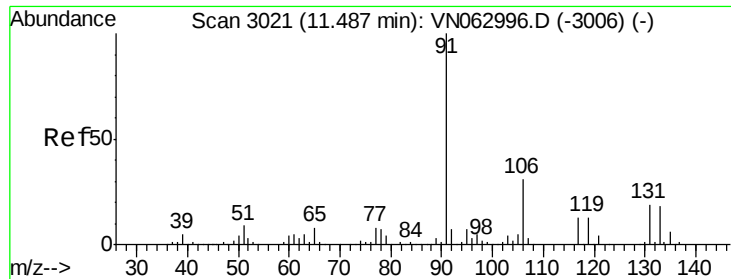
Tot Ion:112 Resp: 88331
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.803 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion:131 Resp: 35287
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 67.1 33.1 99.3

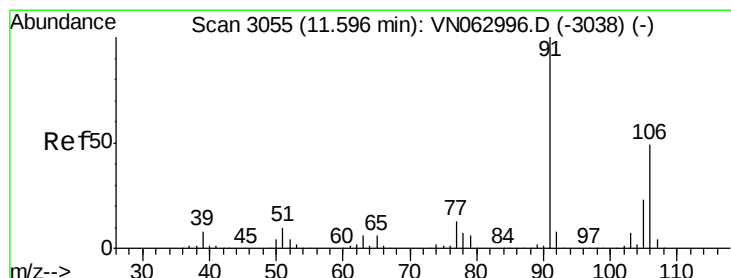
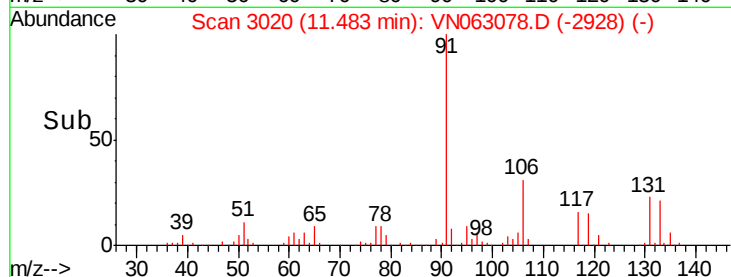
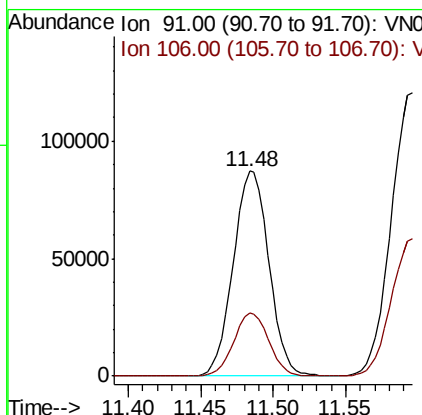
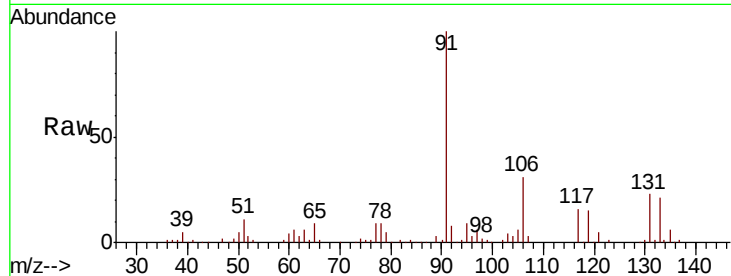




#67
Ethyl Benzene
Concen: 19.305 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

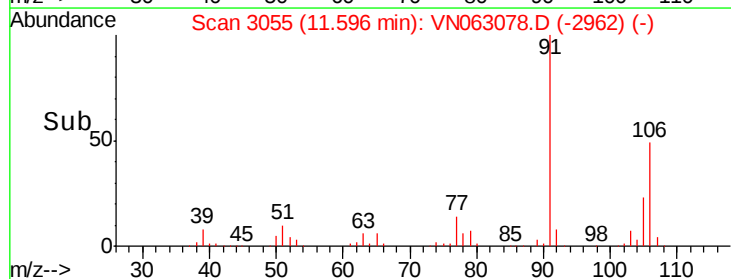
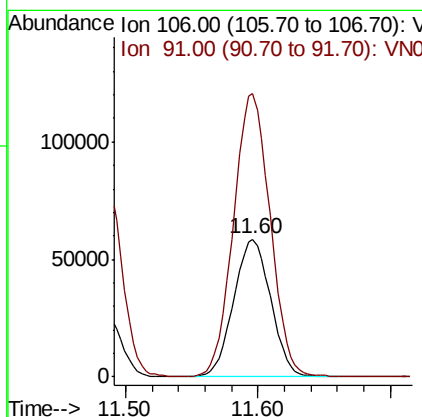
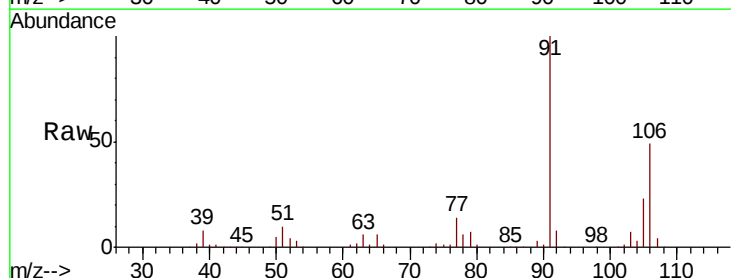
Instrument :
MSVOA_N
ClientSampled :
VN0821WBSD02

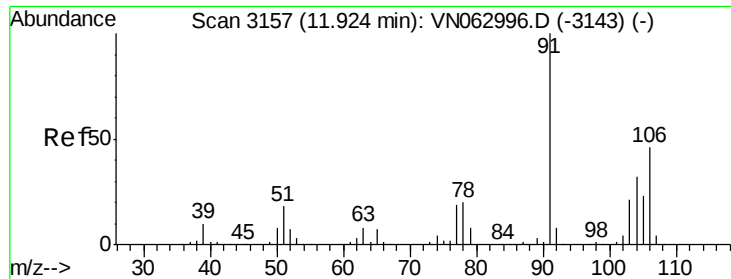
Tot Ion: 91 Resp: 149436
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 39.627 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 106 Resp: 114009
Ion Ratio Lower Upper
106 100
91 202.9 163.0 244.4

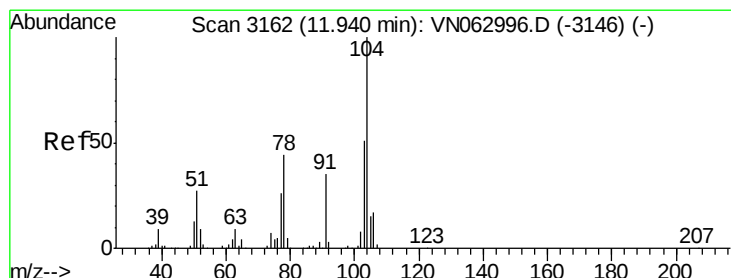
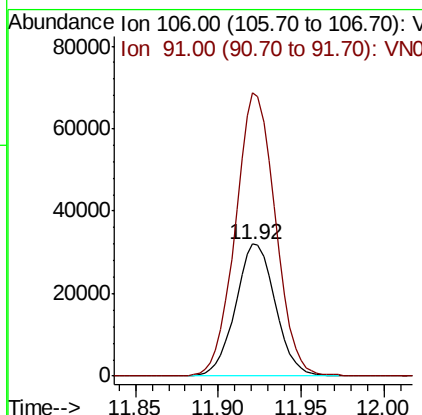
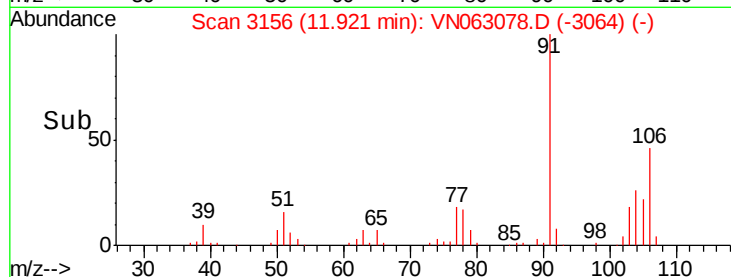
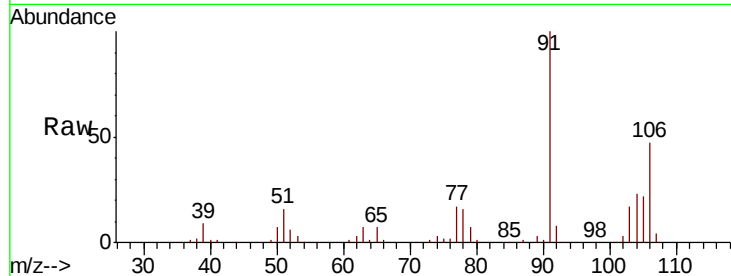




#69
o-Xylene
Concen: 19.374 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

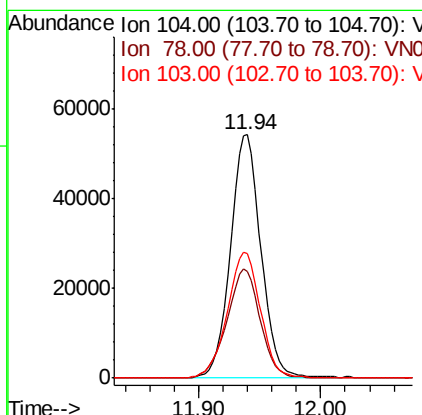
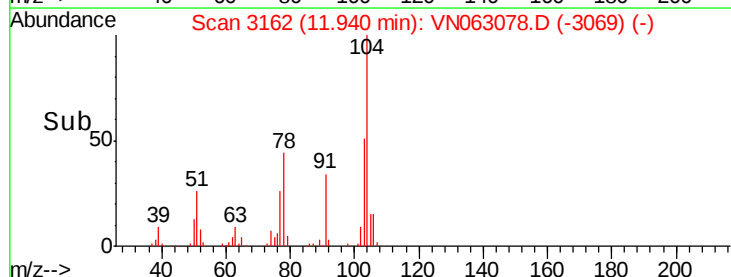
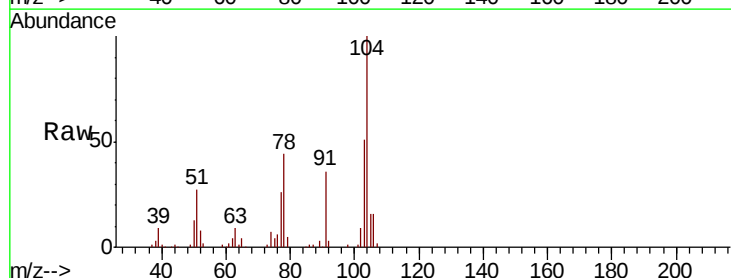
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

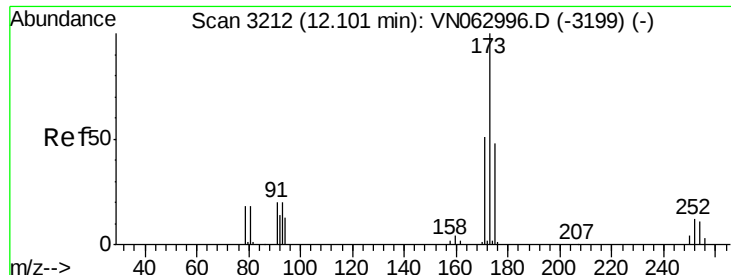
Tot Ion:106 Resp: 53527
Ion Ratio Lower Upper
106 100
91 215.5 107.3 321.9



#70
Styrene
Concen: 18.510 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion:104 Resp: 94575
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 56.1 44.3 66.5

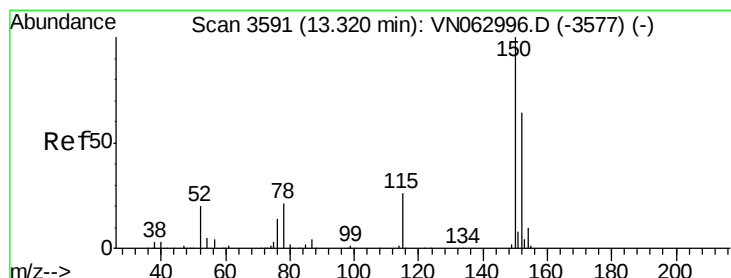
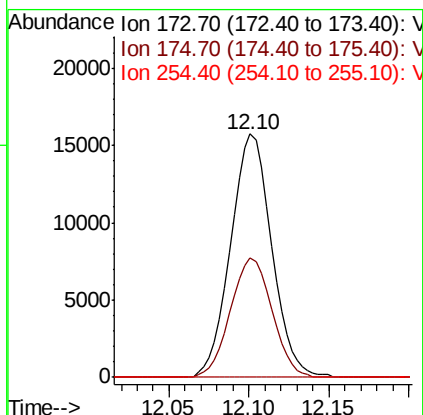
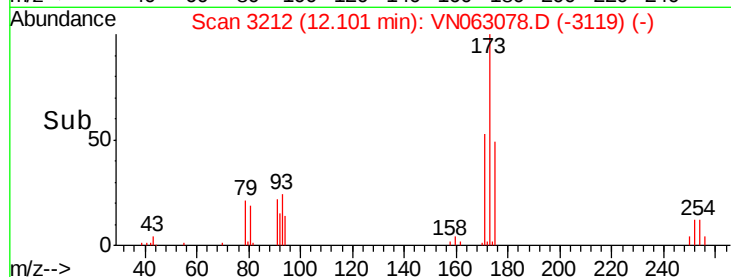
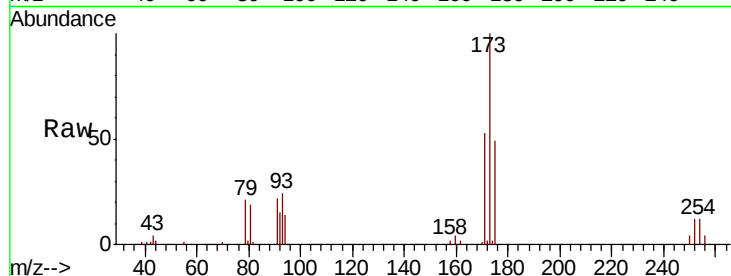




#71
Bromoform
Concen: 19.362 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

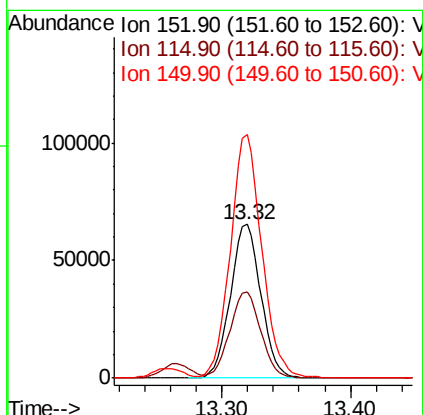
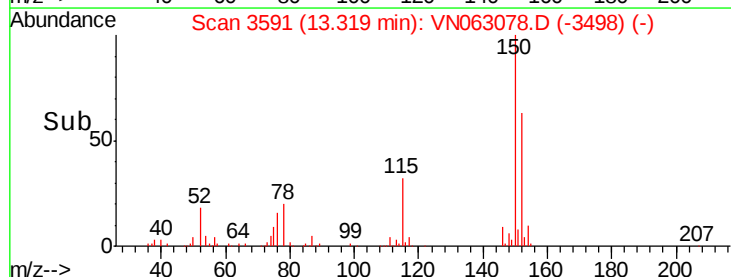
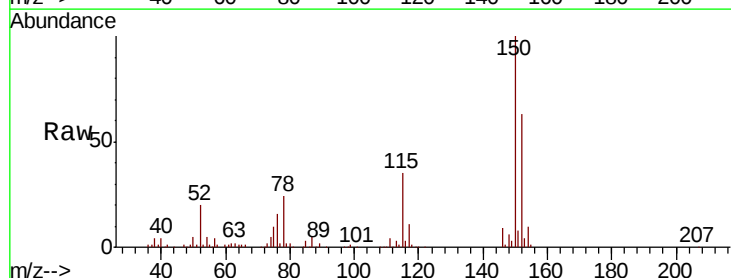
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

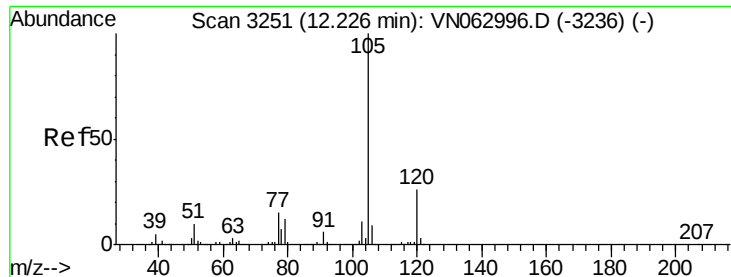
Tot Ion:173 Resp: 27462
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion:152 Resp: 107664
Ion Ratio Lower Upper
152 100
115 56.7 28.7 86.3
150 161.9 0.0 348.8





#73

Isopropylbenzene

Concen: 19.638 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

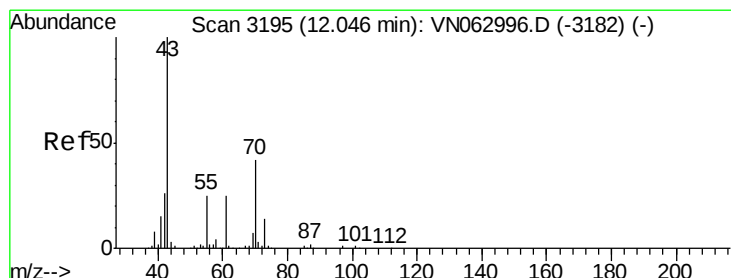
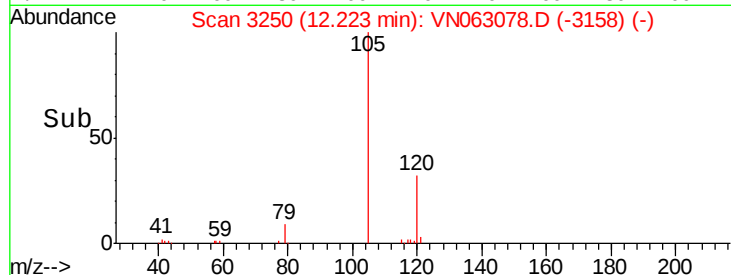
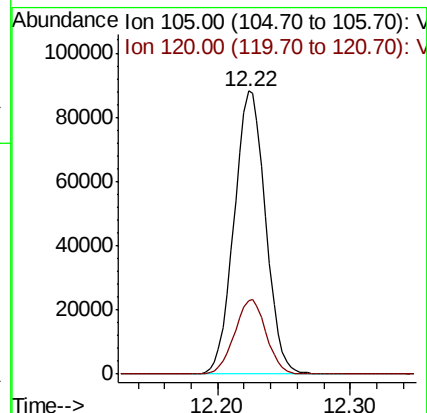
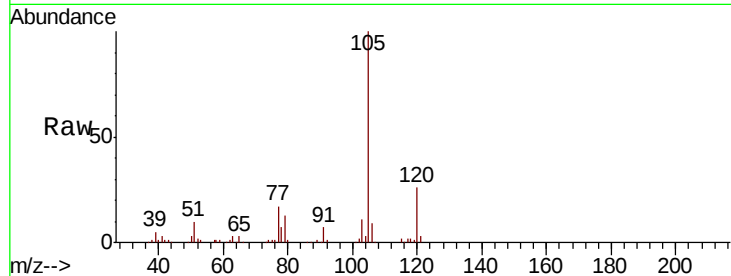
VN0821WBSD02

Tot Ion:105 Resp: 144790

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 20.353 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Tgt Ion: 43 Resp: 53744

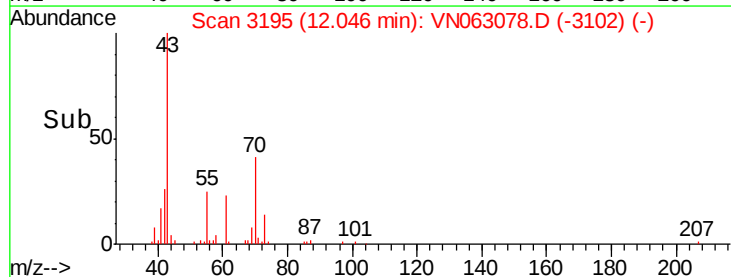
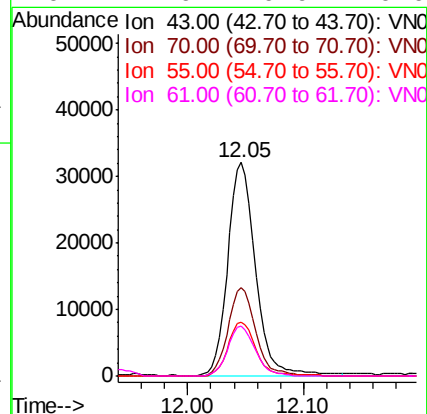
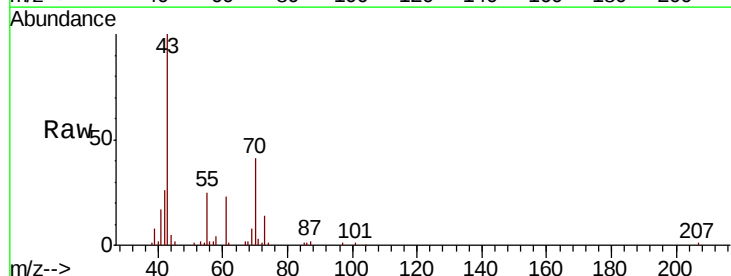
Ion Ratio Lower Upper

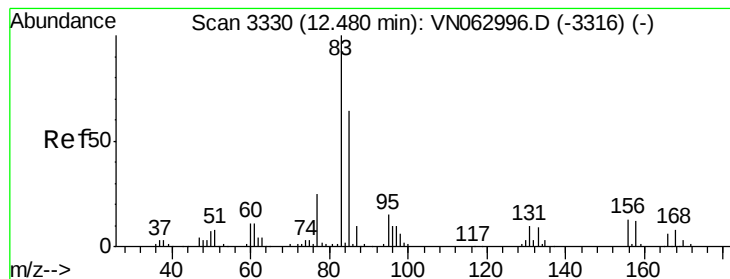
43 100

70 40.9 33.4 50.0

55 25.3 20.2 30.2

61 22.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.647 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

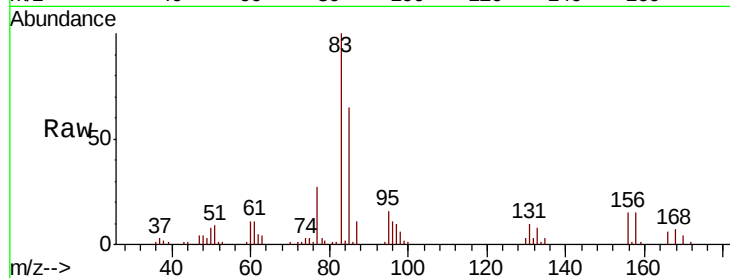
Tot Ion: 83 Resp: 51474

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

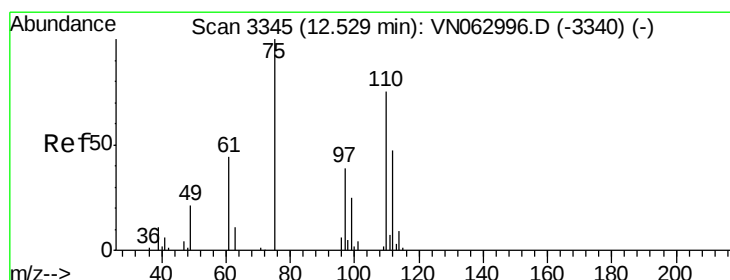
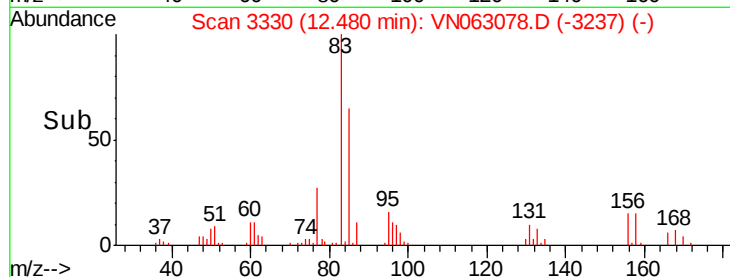
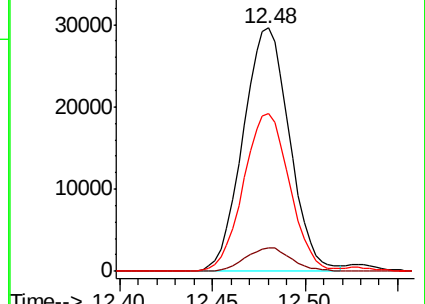
85 64.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN063078.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN063078.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN063078.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 28.713 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN063078.D

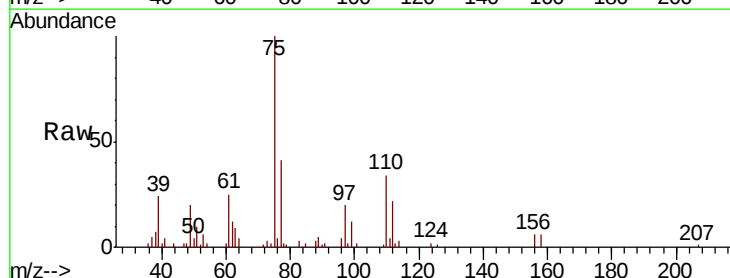
Acq: 21 Aug 2020 14:15

Tgt Ion: 75 Resp: 60089

Ion Ratio Lower Upper

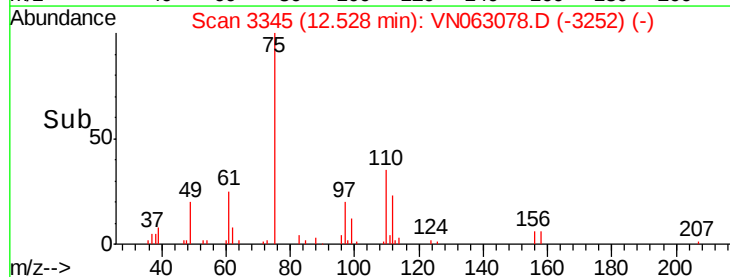
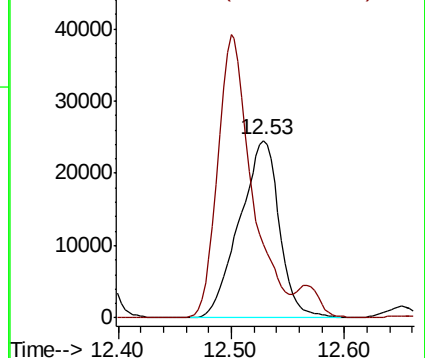
75 100

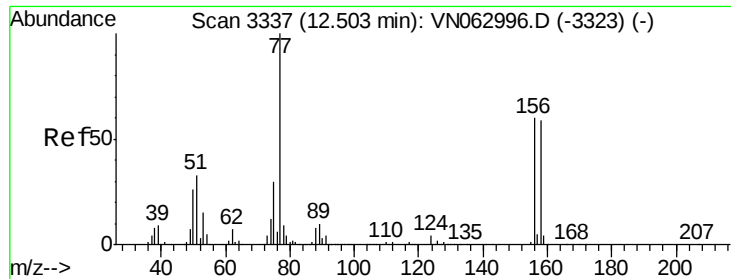
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063078.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN063078.D (-3252) (-)





#77

Bromobenzene

Concen: 19.908 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

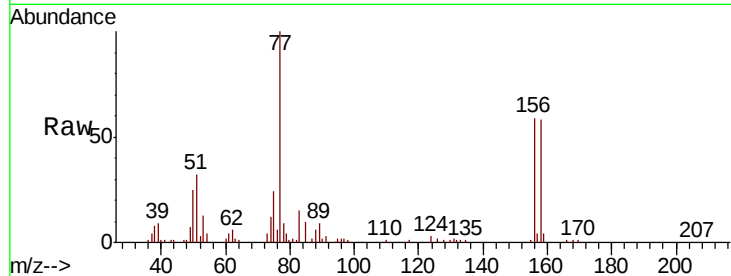
Tot Ion:156 Resp: 40369

Ion Ratio Lower Upper

156 100

77 202.4 101.0 302.9

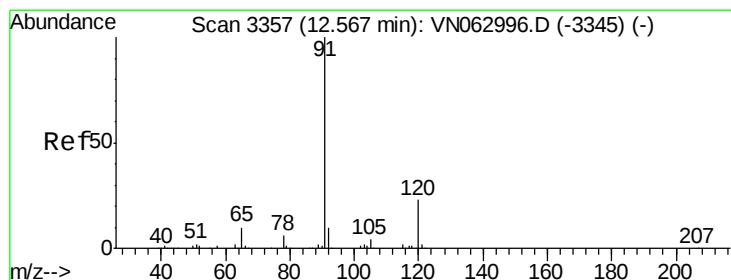
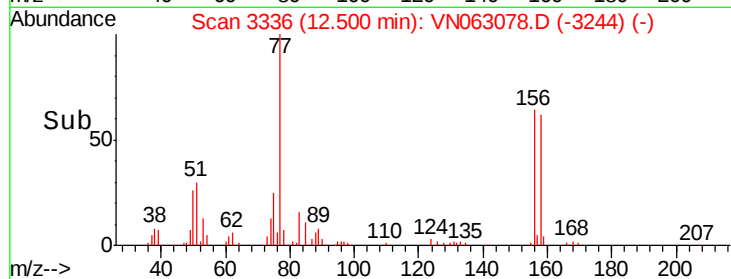
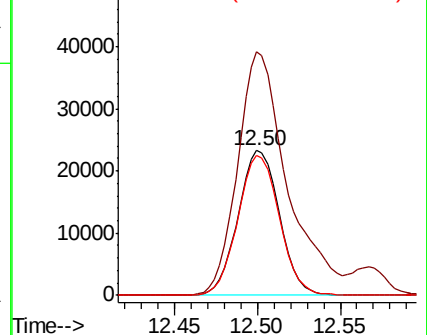
158 97.4 49.4 148.0



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: 20.237 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063078.D

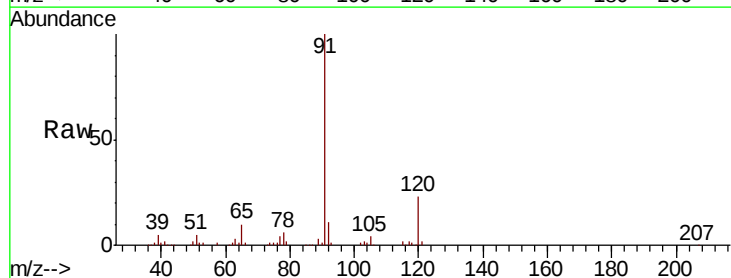
Acq: 21 Aug 2020 14:15

Tgt Ion: 91 Resp: 170068

Ion Ratio Lower Upper

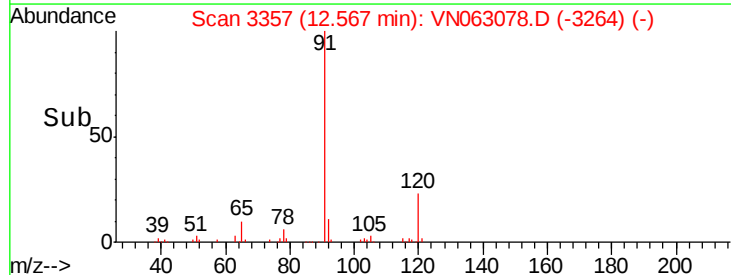
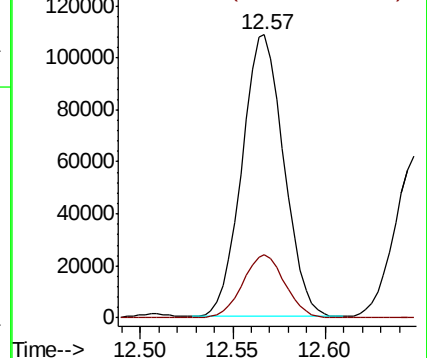
91 100

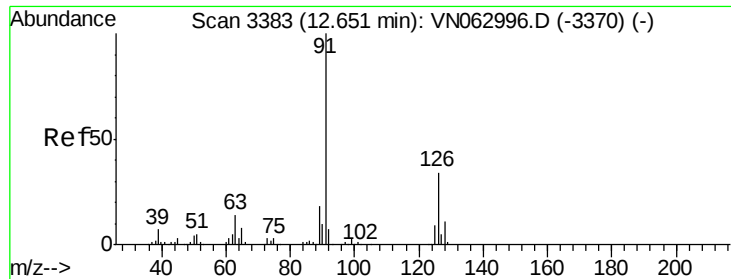
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

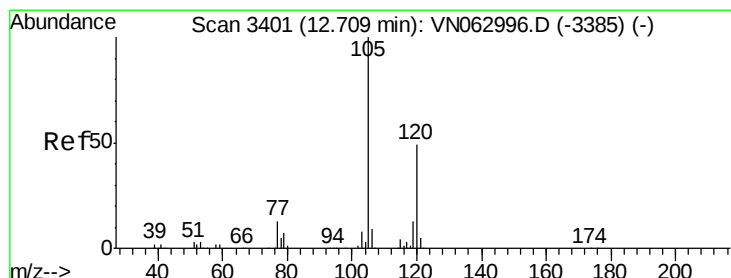
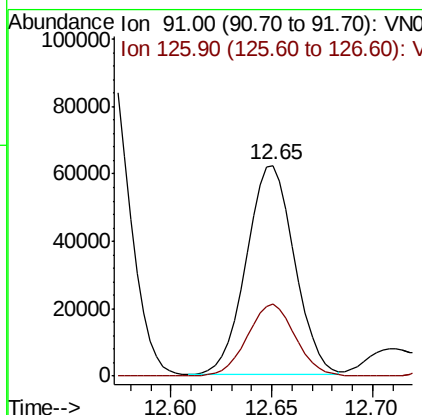
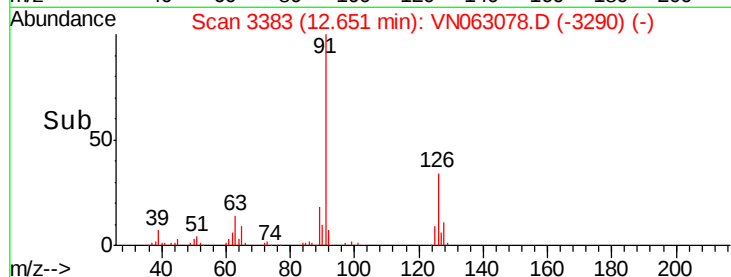
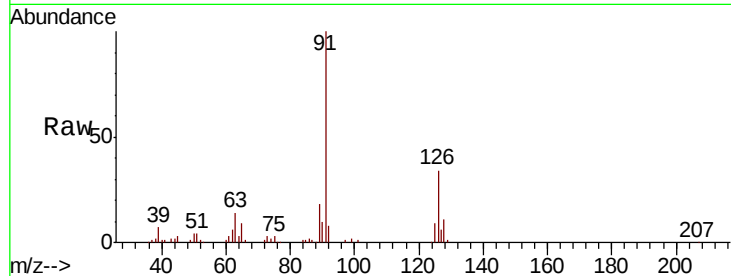




#79
 2-Chlorotoluene
 Concen: 19.582 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

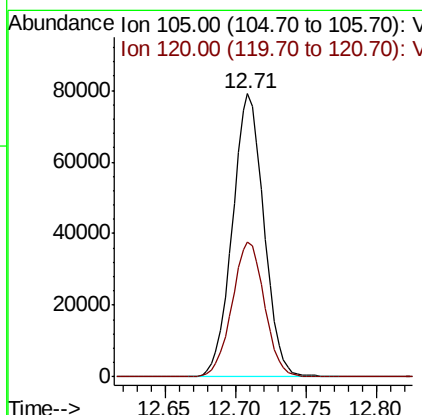
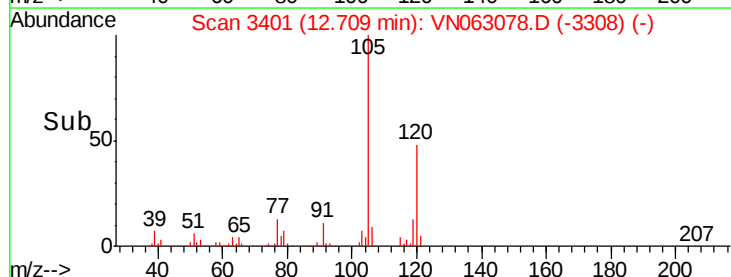
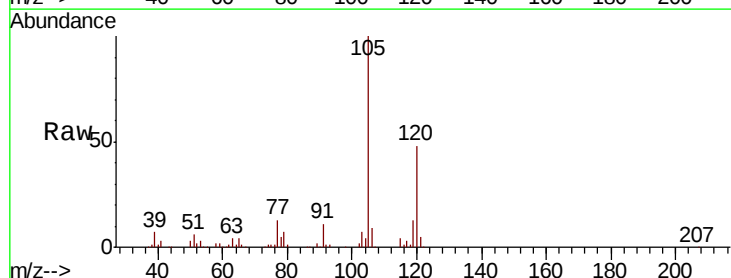
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

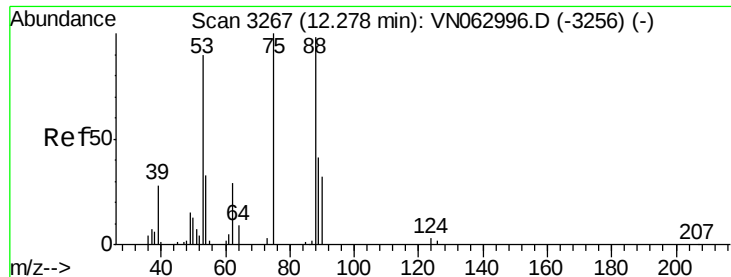
Tot Ion: 91 Resp: 103506
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.282 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion:105 Resp: 123612
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.071 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

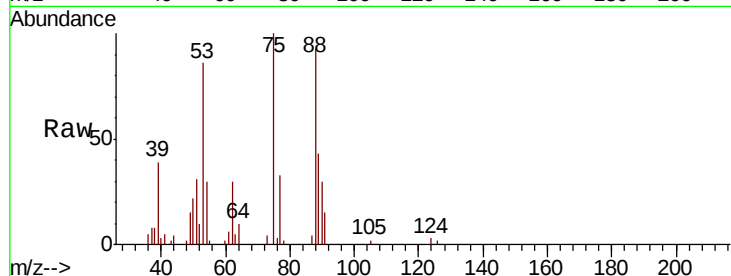
Tot Ion: 75 Resp: 15294

Ion Ratio Lower Upper

75 100

53 89.0 69.2 103.8

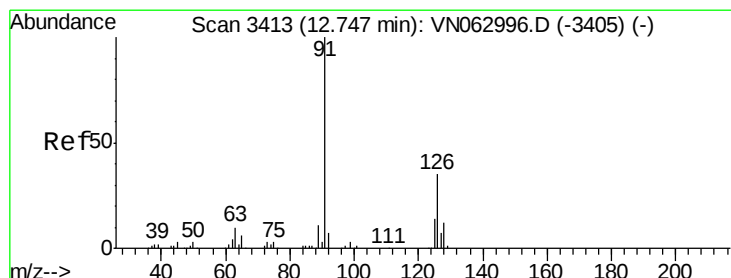
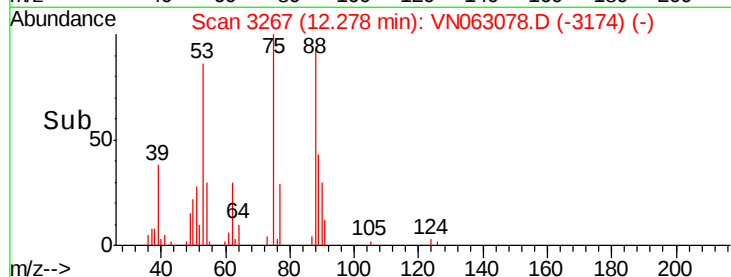
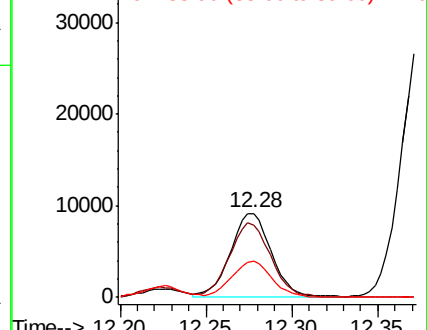
89 41.9 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.934 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063078.D

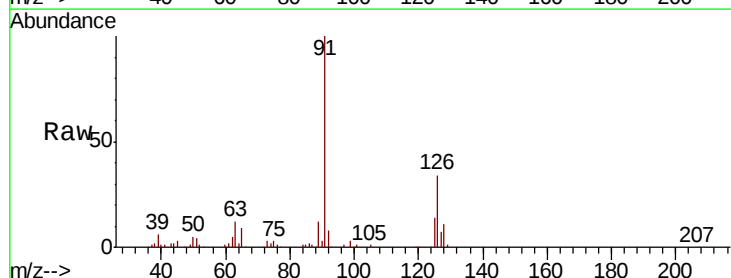
Acq: 21 Aug 2020 14:15

Tgt Ion: 91 Resp: 107292

Ion Ratio Lower Upper

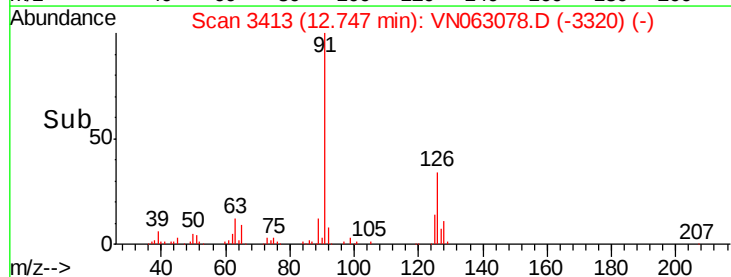
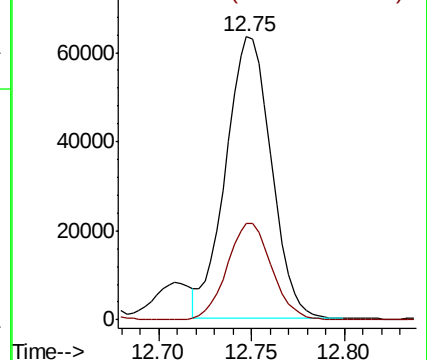
91 100

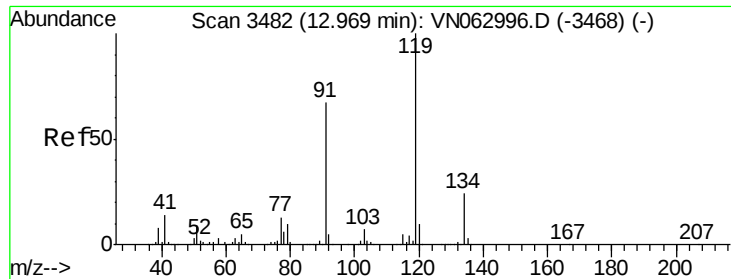
126 33.9 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

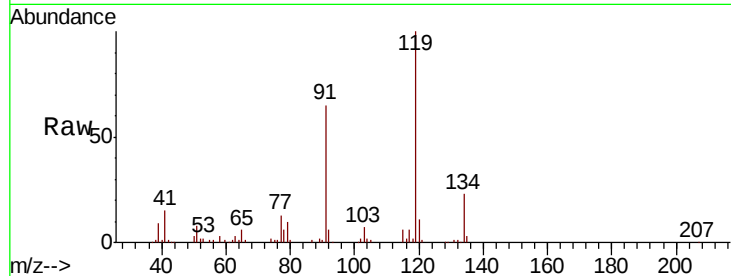




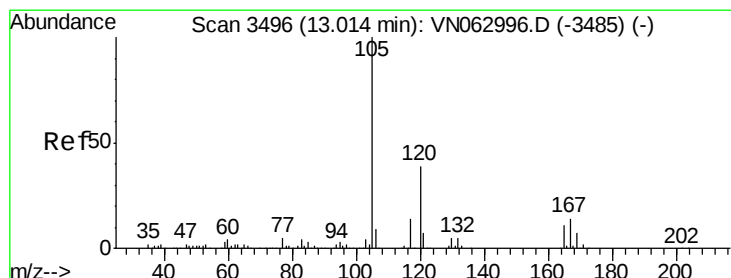
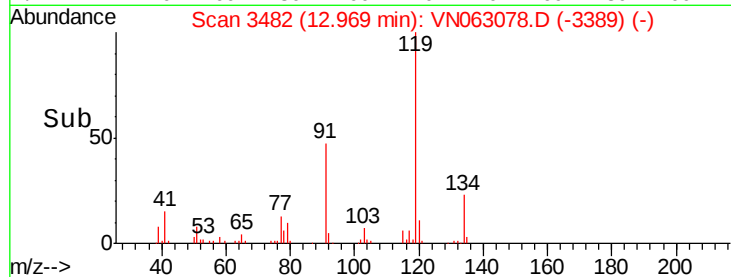
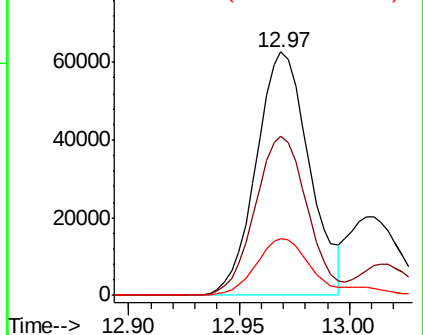
#83
 tert-Butylbenzene
 Concen: 19.881 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0821WBSD02

Tot Ion:119 Resp: 104584
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.5 97.4
 134 25.6 13.1 39.3

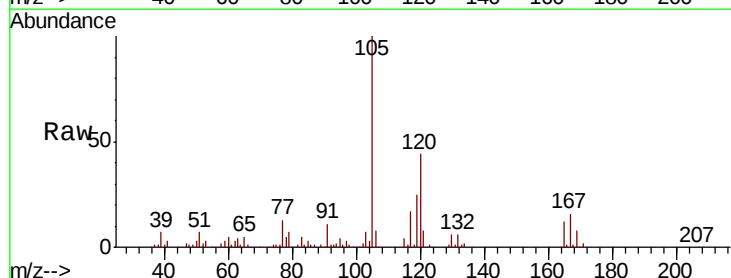


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

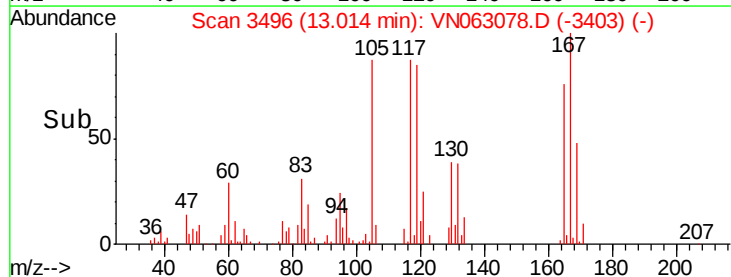
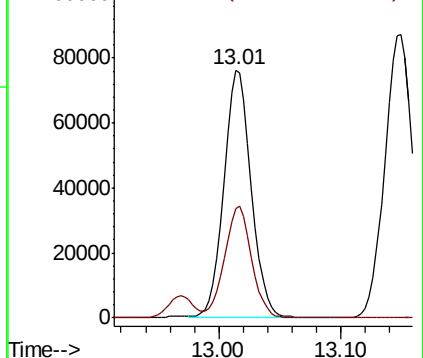


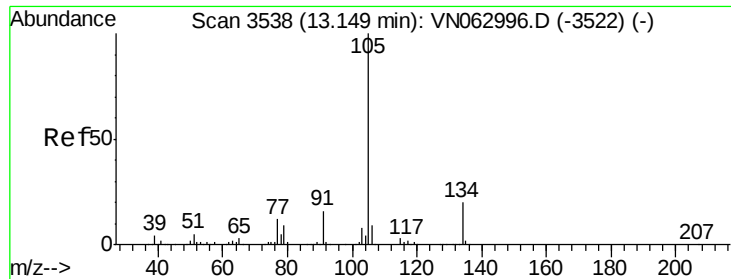
#84
 1,2,4-Trimethylbenzene
 Concen: 20.208 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion:105 Resp: 119986
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.5 67.5



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





#85

sec-Butylbenzene

Concen: 19.911 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

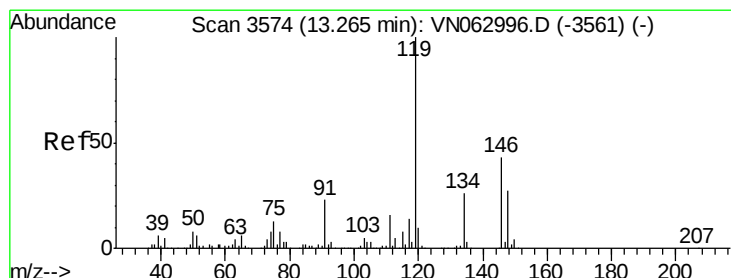
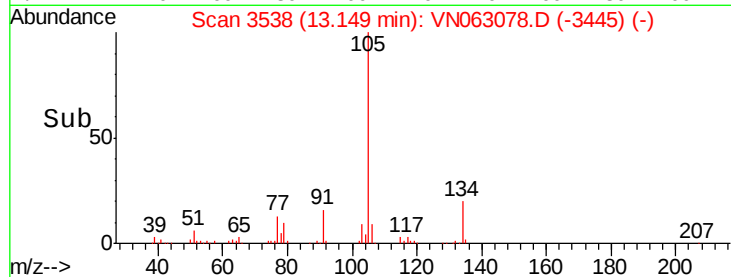
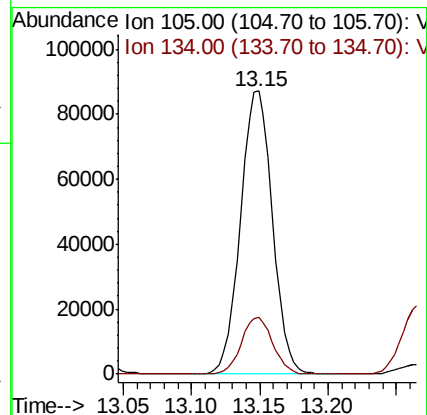
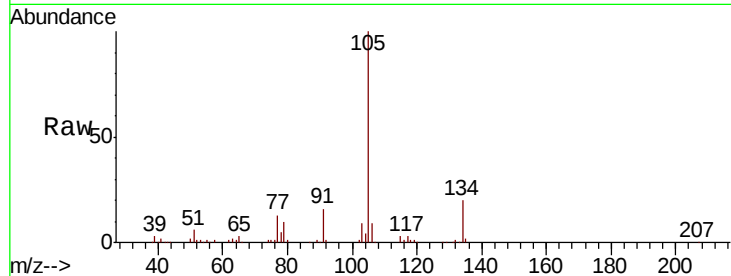
VN0821WBSD02

Tot Ion:105 Resp: 141558

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 19.430 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

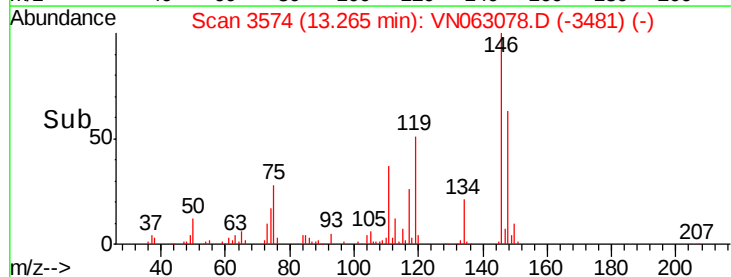
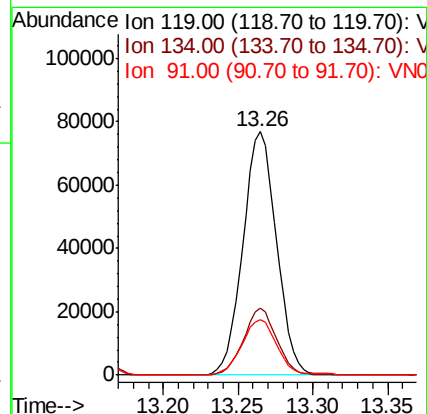
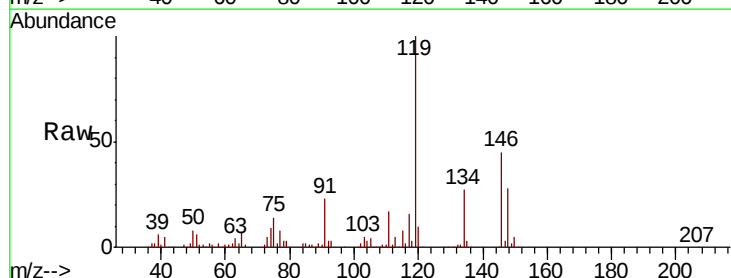
Tgt Ion:119 Resp: 120360

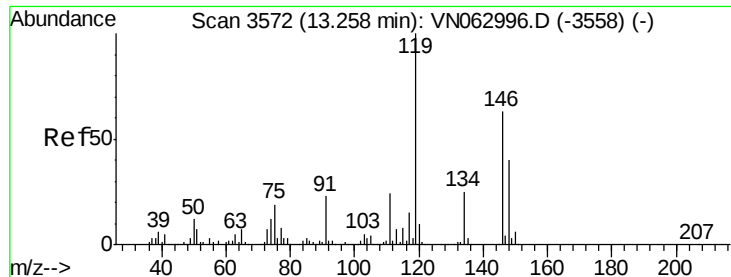
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 23.9 11.5 34.4

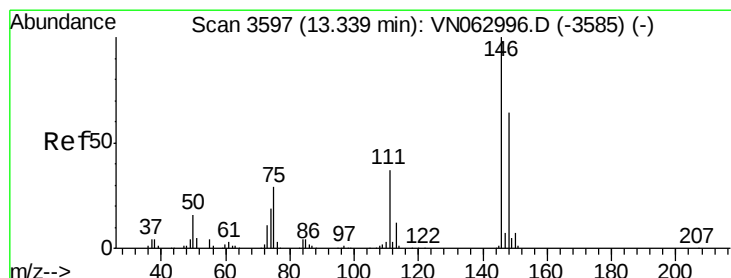
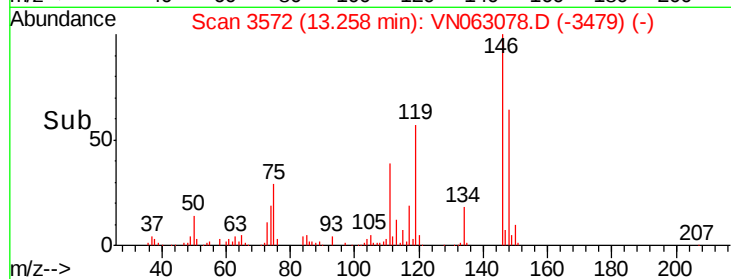
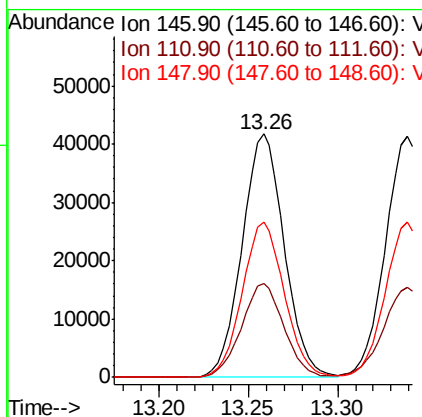
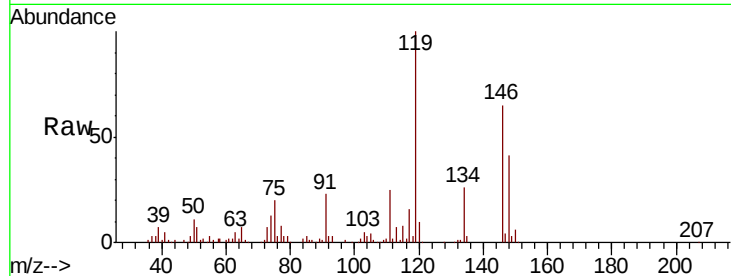




#87
 1,3-Dichlorobenzene
 Concen: 19.795 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

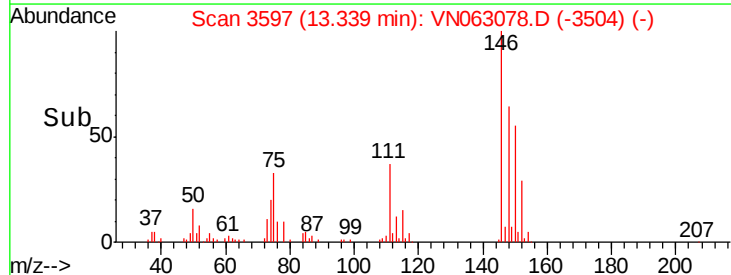
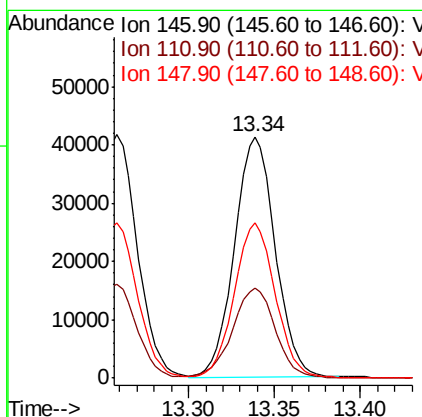
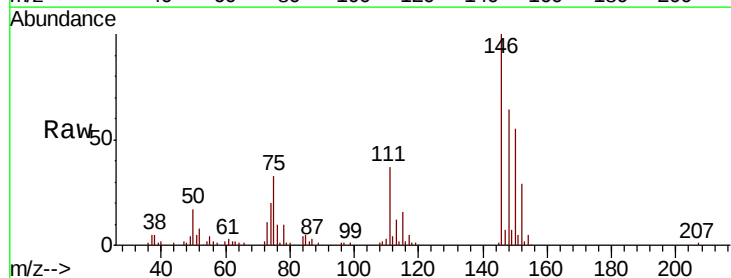
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

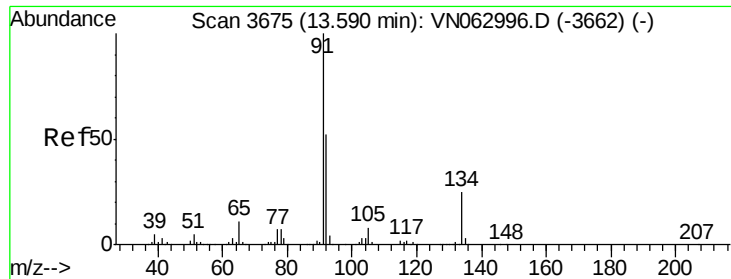
Tot Ion:146 Resp: 68983
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.176 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion:146 Resp: 67825
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.8 56.4
 148 65.3 32.4 97.0

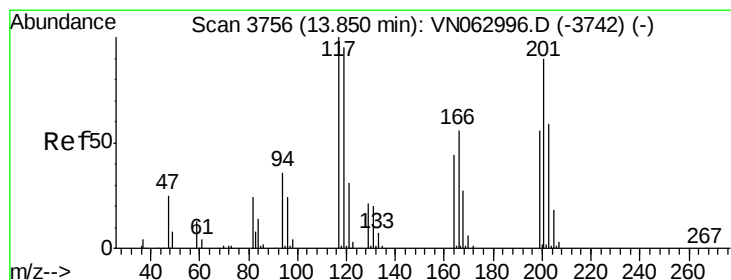
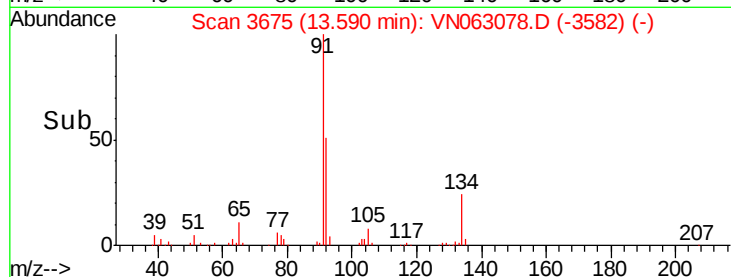
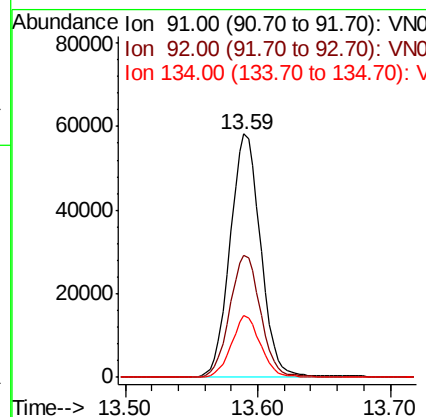
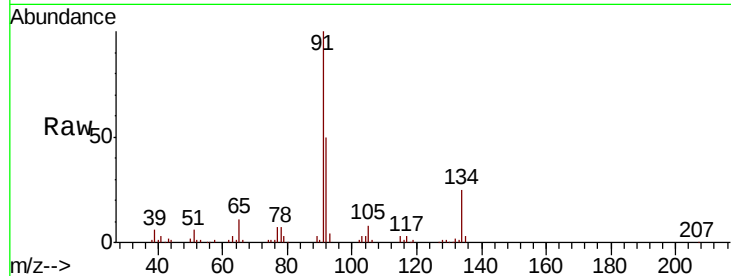




#89
n-Butylbenzene
Concen: 17.818 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

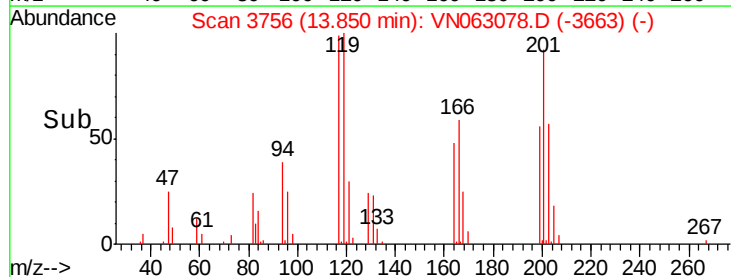
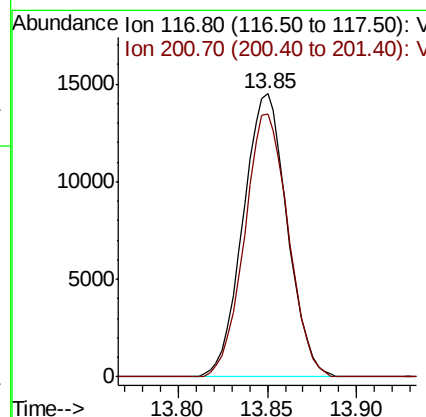
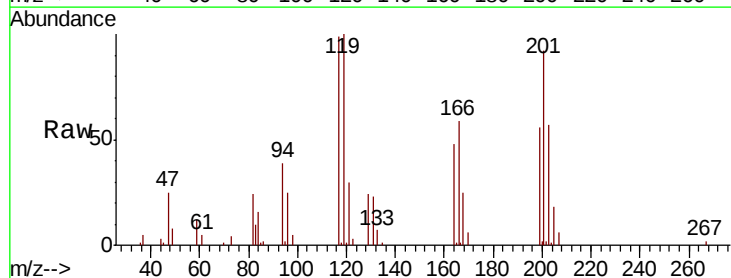
Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

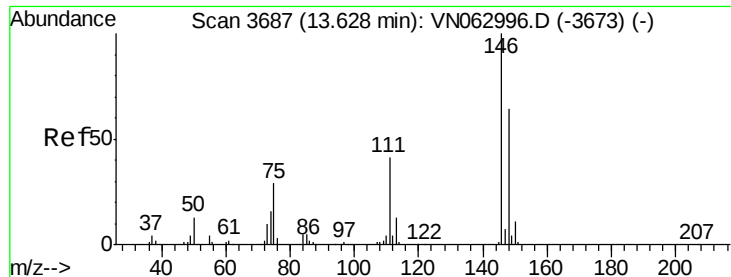
Tot Ion: 91 Resp: 93528
Ion Ratio Lower Upper
91 100
92 50.6 25.9 77.6
134 24.0 12.4 37.0



#90
Hexachloroethane
Concen: 19.025 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion: 117 Resp: 25049
Ion Ratio Lower Upper
117 100
201 92.1 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 20.210 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBSD02

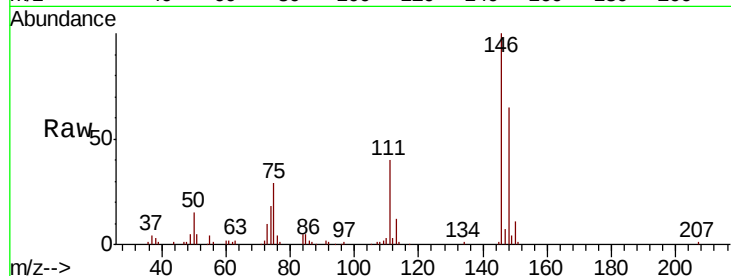
Tot Ion:146 Resp: 68031

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.5

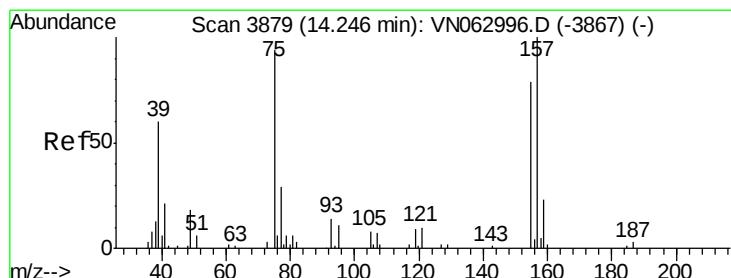
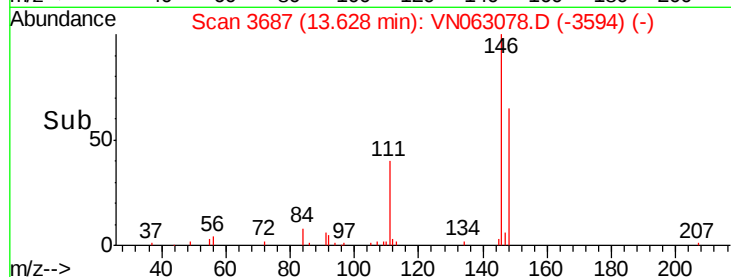
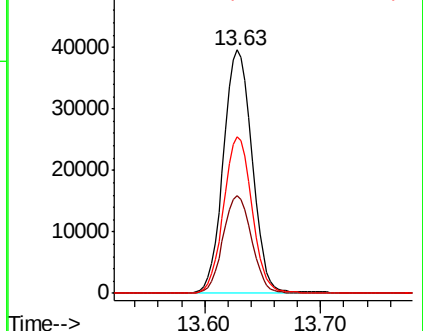
148 63.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.233 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN063078.D

Acq: 21 Aug 2020 14:15

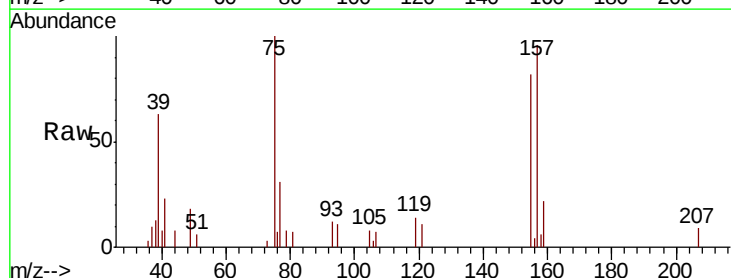
Tgt Ion: 75 Resp: 7884

Ion Ratio Lower Upper

75 100

155 85.8 42.4 127.1

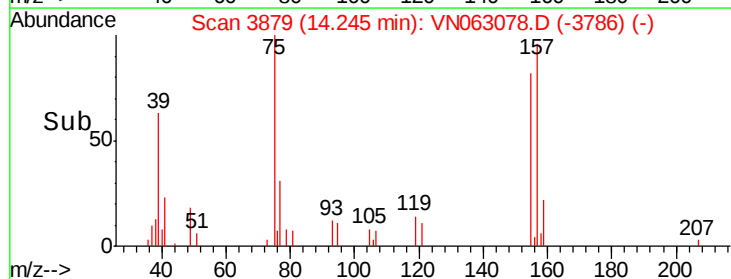
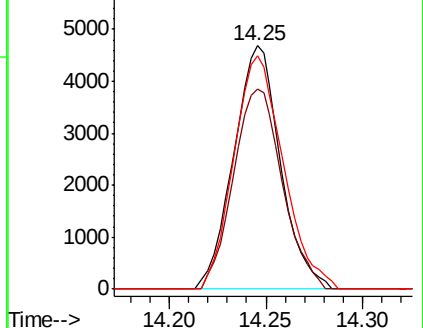
157 101.1 55.2 165.6

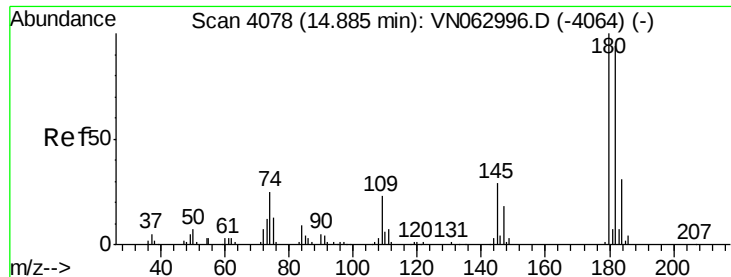


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

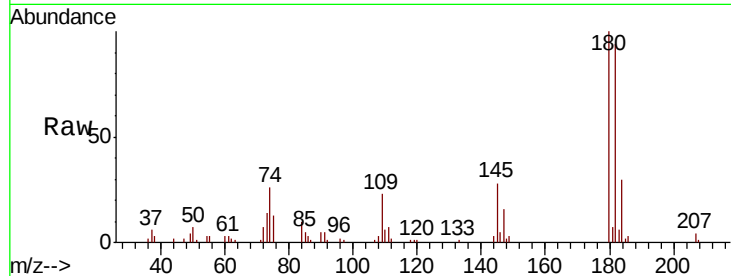




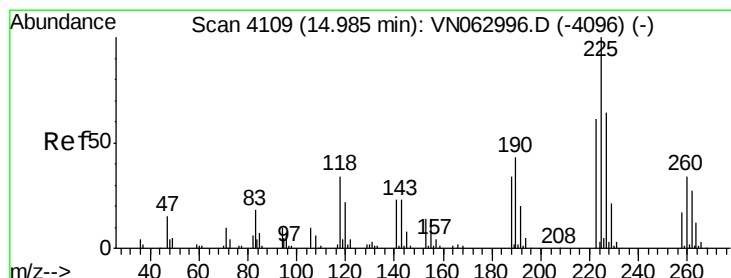
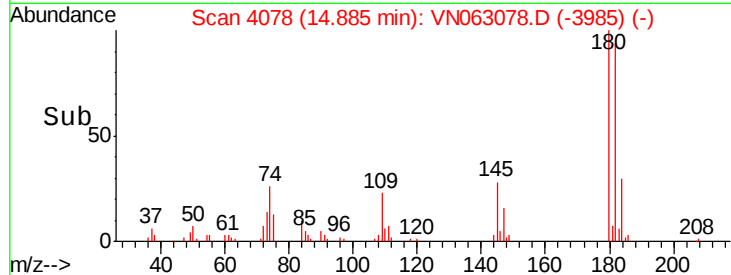
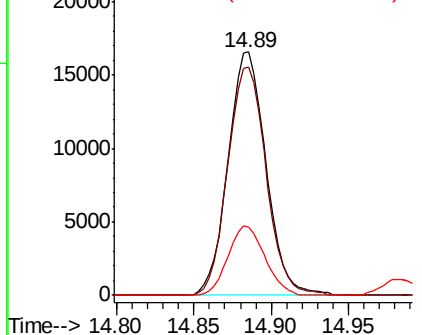
#93
 1,2,4-Trichlorobenzene
 Concen: 18.275 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

Tot Ion:180 Resp: 28180
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.2
 145 27.7 14.1 42.4

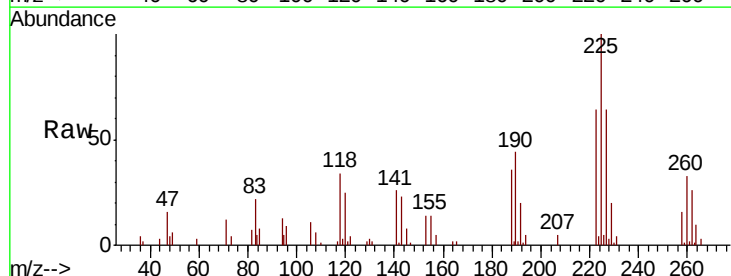


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

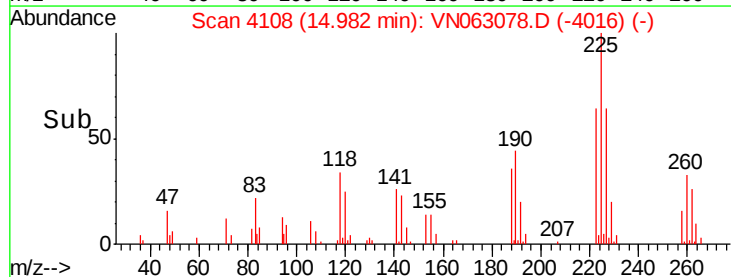
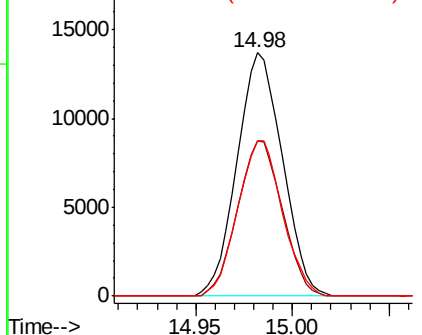


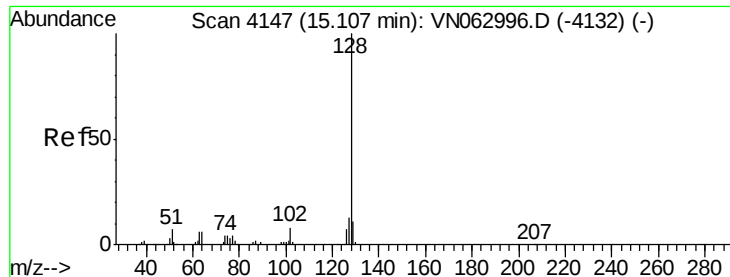
#94
 Hexachlorobutadiene
 Concen: 17.992 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063078.D
 Acq: 21 Aug 2020 14:15

Tgt Ion:225 Resp: 22380
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.5
 227 62.8 31.9 95.9



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

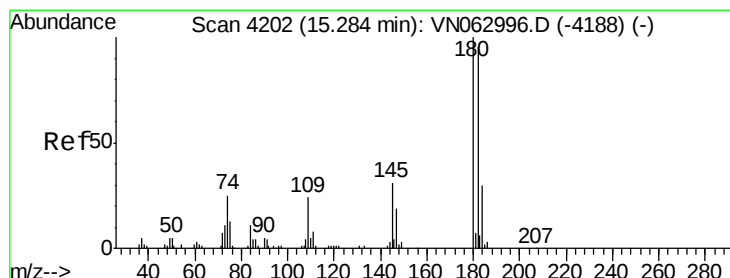
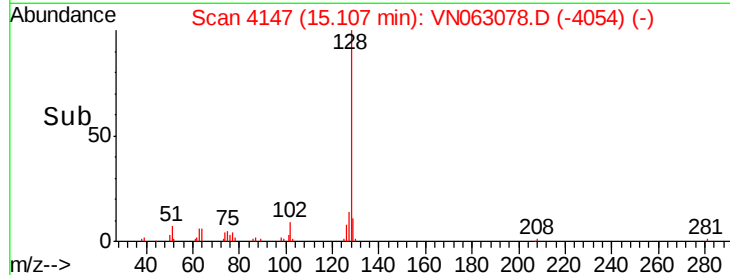
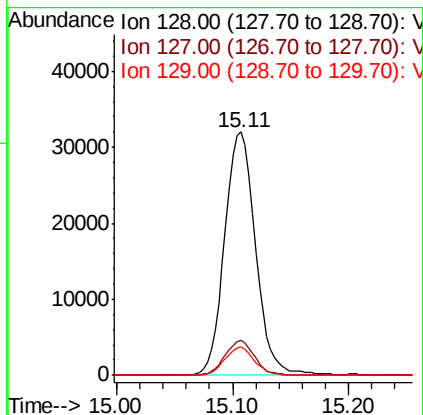
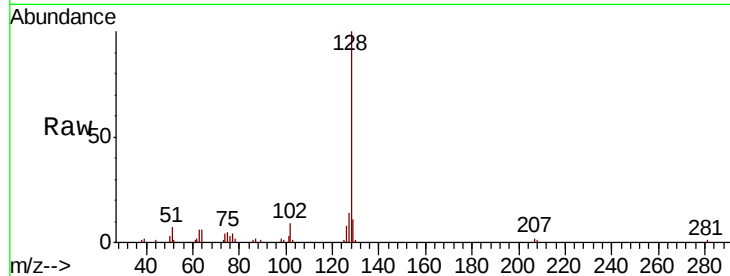




#95
Naphthalene
Concen: 17.829 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD02

Tot Ion:128 Resp: 59009
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.251 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN063078.D
Acq: 21 Aug 2020 14:15

Tgt Ion:180 Resp: 28381
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.9
145 33.1 15.6 46.7

