

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062825.D
 Acq On : 11 Aug 2020 13:04
 Operator : JC/MD
 Sample : VN0811WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

Quant Time: Aug 11 15:01:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	198895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	172520	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	7.55	113	120117	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
50) Toluene-d8	10.06	98	446678	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.38	95	169477	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	54016	18.966	ug/l	99
3) Chloromethane	2.03	50	44473	16.547	ug/l	100
4) Vinyl Chloride	2.16	62	45500	18.050	ug/l	96
5) Bromomethane	2.51	94	32245	19.323	ug/l	96
6) Chloroethane	2.66	64	33001	19.899	ug/l	99
7) Trichlorofluoromethane	2.97	101	82762	18.412	ug/l	95
8) Diethyl Ether	3.37	74	23568	18.315	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	36060	19.352	ug/l	96
10) Methyl Iodide	3.91	142	40999	18.818	ug/l	99
11) Tert butyl alcohol	4.74	59	49736	92.262	ug/l	99
12) 1,1-Dichloroethene	3.69	96	31191	17.658	ug/l	97
13) Acrolein	3.57	56	15635	47.902	ug/l	98
14) Allyl chloride	4.27	41	58064	16.674	ug/l	98
15) Acrylonitrile	4.93	53	114573	91.634	ug/l	99
16) Acetone	3.78	43	114754	96.556	ug/l	100
17) Carbon Disulfide	4.00	76	81974	16.422	ug/l	98
18) Methyl Acetate	4.28	43	53365	18.268	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	146835	19.055	ug/l	99
20) Methylene Chloride	4.50	84	42492	19.066	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35063	17.616	ug/l	94
22) Diisopropyl ether	5.91	45	136283	18.384	ug/l	98
23) Vinyl Acetate	5.84	43	475134	84.267	ug/l	98
24) 1,1-Dichloroethane	5.80	63	75051	17.276	ug/l	99
25) 2-Butanone	6.79	43	153249	91.044	ug/l	99
26) 2,2-Dichloropropane	6.78	77	72324	18.061	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	42645	17.861	ug/l	96
28) Bromochloromethane	7.15	49	45077	21.500	ug/l	94
29) Tetrahydrofuran	7.17	42	99288	90.794	ug/l	97
30) Chloroform	7.33	83	82640	17.900	ug/l	99
31) Cyclohexane	7.61	56	69783	17.499	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	73037	17.694	ug/l	97
36) 1,1-Dichloropropene	7.75	75	54330	17.617	ug/l	99
37) Ethyl Acetate	6.89	43	58191	18.064	ug/l	96
38) Carbon Tetrachloride	7.73	117	65697	18.013	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65536	17.659	ug/l	97
40) Benzene	8.00	78	159180	17.298	ug/l	97
41) Methacrylonitrile	7.12	41	22597	15.545	ug/l #	6
42) 1,2-Dichloroethane	8.09	62	71558	18.270	ug/l	98
43) Isopropyl Acetate	8.13	43	93969	17.488	ug/l	97
44) Trichloroethene	8.80	130	40155	17.910	ug/l	95
45) 1,2-Dichloropropane	9.09	63	45775	18.379	ug/l	98
46) Dibromomethane	9.18	93	29812	18.268	ug/l	96
47) Bromodichloromethane	9.37	83	68501	18.690	ug/l	96
48) Methyl methacrylate	9.17	41	46611	17.636	ug/l	96
49) 1,4-Dioxane	9.17	88	19788	404.073	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	311334	89.553	ug/l	98
52) Toluene	10.12	92	103762	18.262	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	73035	18.116	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	73636	18.192	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	44124	18.183	ug/l	97
56) Ethyl methacrylate	10.40	69	67277	18.419	ug/l	99
57) 1,3-Dichloropropane	10.68	76	76721	18.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	85677	82.984	ug/l	99
59) 2-Hexanone	10.72	43	237248	91.485	ug/l	100
60) Dibromochloromethane	10.87	129	53136	19.188	ug/l	98
61) 1,2-Dibromoethane	10.98	107	44579	18.617	ug/l	99
64) Tetrachloroethene	10.60	164	33935	17.726	ug/l	97
65) Chlorobenzene	11.41	112	113296	18.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	46538	18.684	ug/l	98
67) Ethyl Benzene	11.48	91	205549	18.519	ug/l	100
68) m/p-Xylenes	11.60	106	152296	37.799	ug/l	97
69) o-Xylene	11.92	106	72527	19.209	ug/l	98
70) Styrene	11.94	104	128957	19.430	ug/l	98
71) Bromoform	12.10	173	36795	18.055	ug/l #	98
73) Isopropylbenzene	12.23	105	203579	19.166	ug/l	99
74) N-amyl acetate	12.05	43	81165	18.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	69558	18.603	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75432m	19.829	ug/l	
77) Bromobenzene	12.50	156	49463	18.742	ug/l	95
78) n-propylbenzene	12.57	91	233500	18.728	ug/l	100
79) 2-Chlorotoluene	12.65	91	144430	18.472	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	182556	19.811	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23394	18.773	ug/l	94
82) 4-Chlorotoluene	12.75	91	152920	18.979	ug/l	99
83) tert-Butylbenzene	12.97	119	147628	18.933	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	175635	19.923	ug/l	100
85) sec-Butylbenzene	13.15	105	197905	19.328	ug/l	100
86) p-Isopropyltoluene	13.26	119	175317	19.289	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	89791	19.045	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	89390	18.903	ug/l	98
89) n-Butylbenzene	13.59	91	136095	17.705	ug/l	100
90) Hexachloroethane	13.85	117	34800	17.763	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	86740	19.624	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14932	18.602	ug/l	96

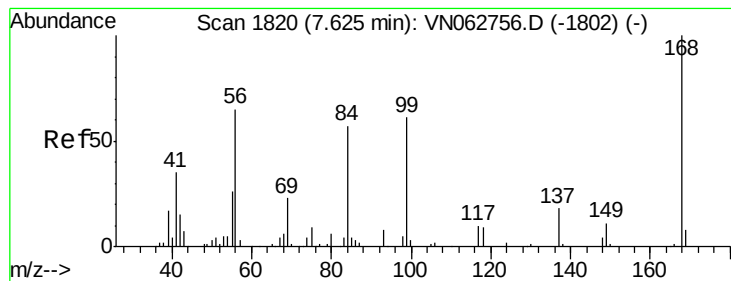
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	38697	18.540	ug/l	96
94) Hexachlorobutadiene	14.99	225	26445	18.019	ug/l	98
95) Naphthalene	15.10	128	101790	18.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38995	18.493	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

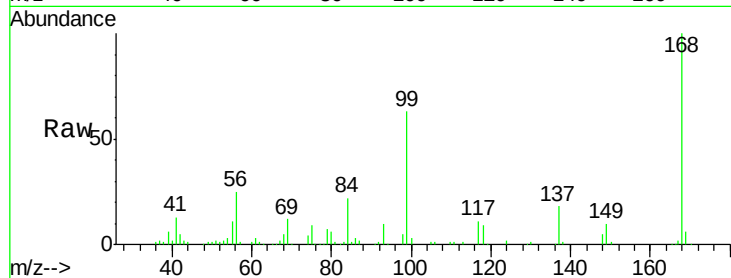
VN0811WBSD01

Tot Ion:168 Resp: 198895

Ion Ratio Lower Upper

168 100

99 62.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

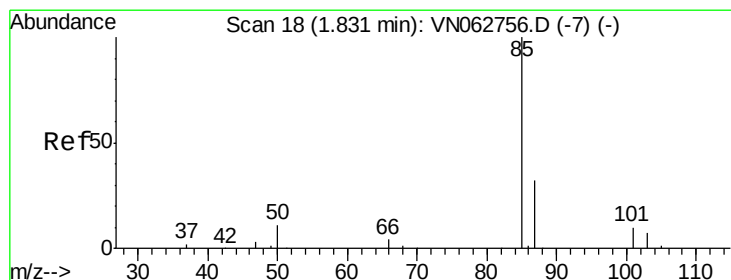
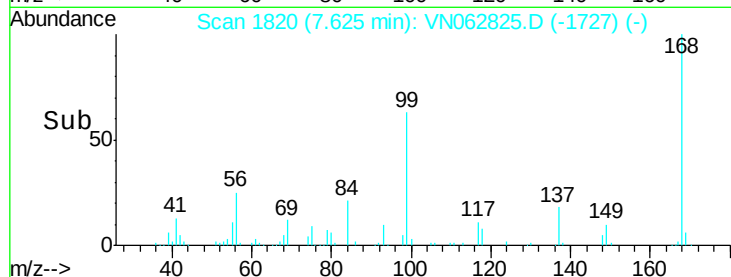
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.966 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062825.D

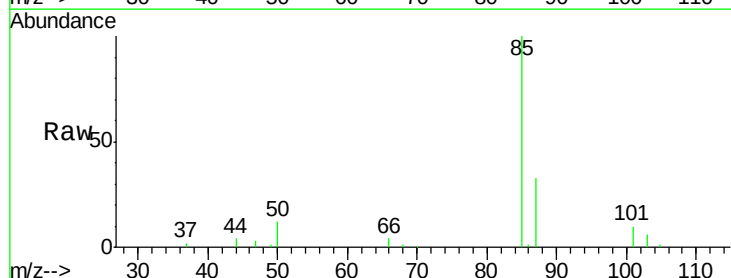
Acq: 11 Aug 2020 13:04

Tgt Ion: 85 Resp: 54016

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

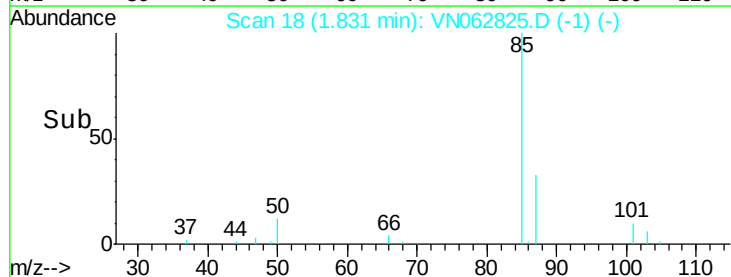
30000

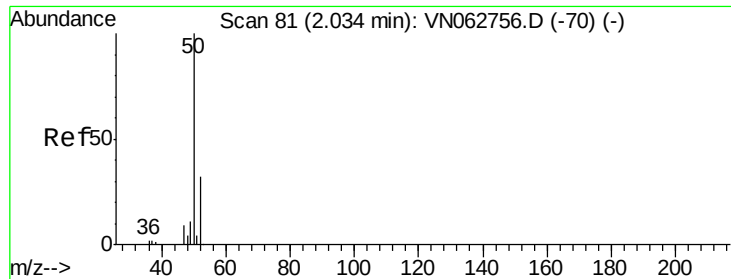
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 16.547 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

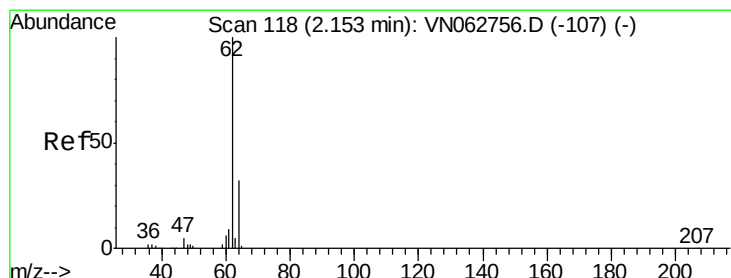
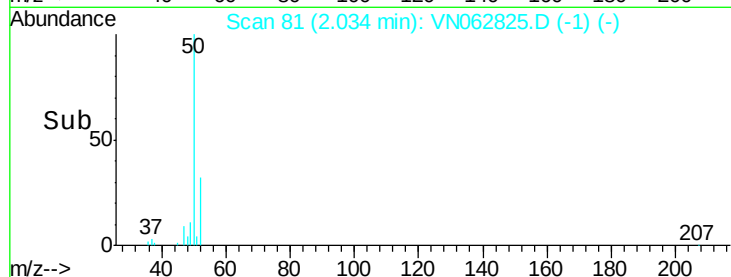
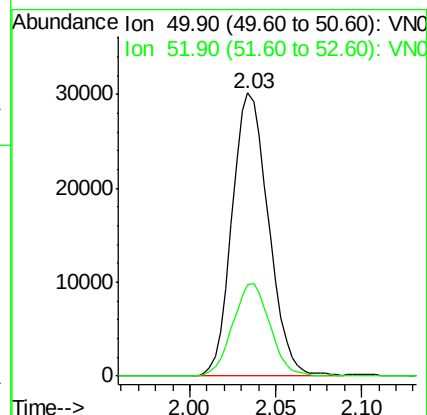
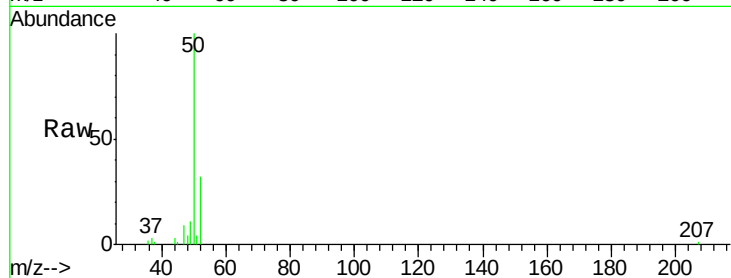
VN0811WBSD01

Tot Ion: 50 Resp: 44473

Ion Ratio Lower Upper

50 100

52 32.2 25.6 38.4



#4

Vinyl Chloride

Concen: 18.050 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062825.D

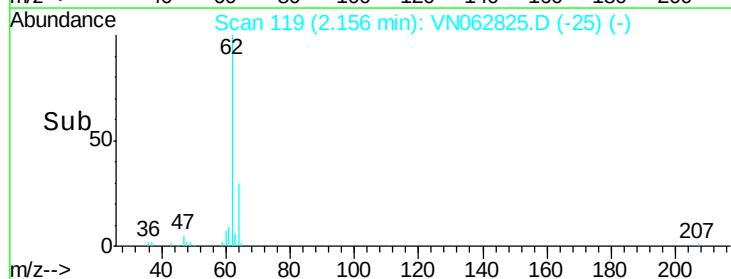
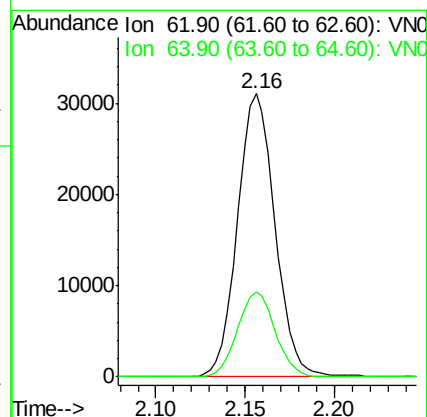
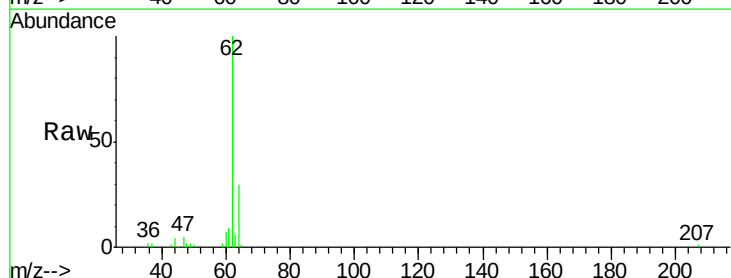
Acq: 11 Aug 2020 13:04

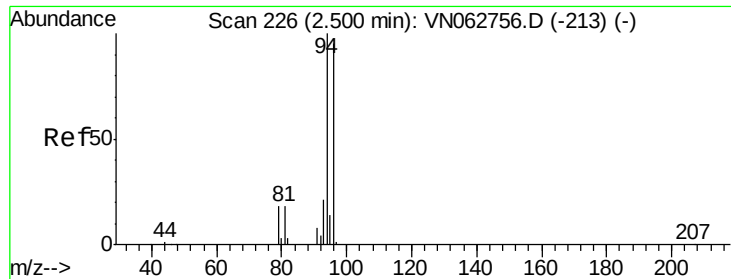
Tgt Ion: 62 Resp: 45500

Ion Ratio Lower Upper

62 100

64 30.2 25.8 38.8





#5

Bromomethane

Concen: 19.323 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.01 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

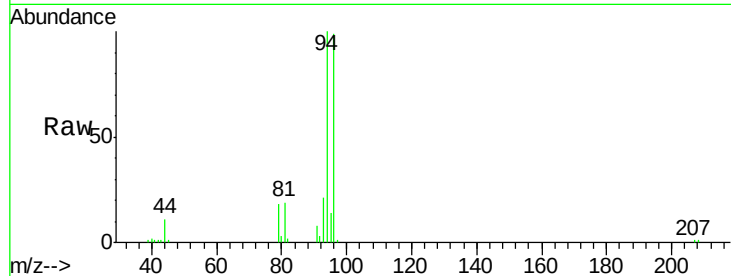
VN0811WBSD01

Tot Ion: 94 Resp: 32245

Ion Ratio Lower Upper

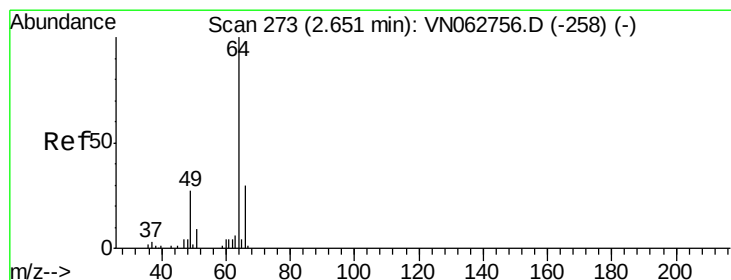
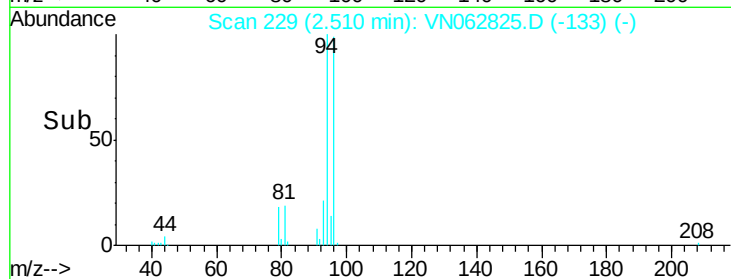
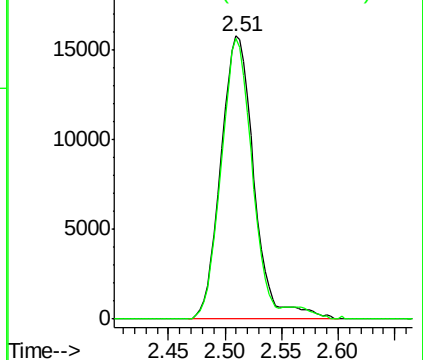
94 100

96 99.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.899 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062825.D

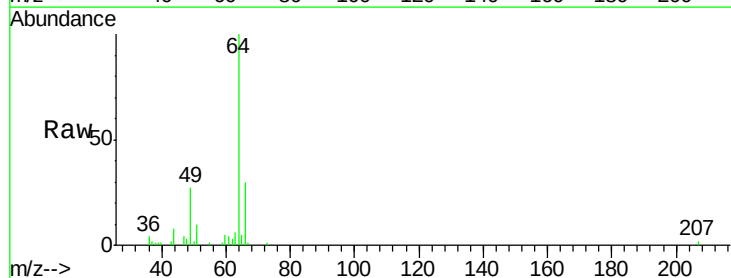
Acq: 11 Aug 2020 13:04

Tgt Ion: 64 Resp: 33001

Ion Ratio Lower Upper

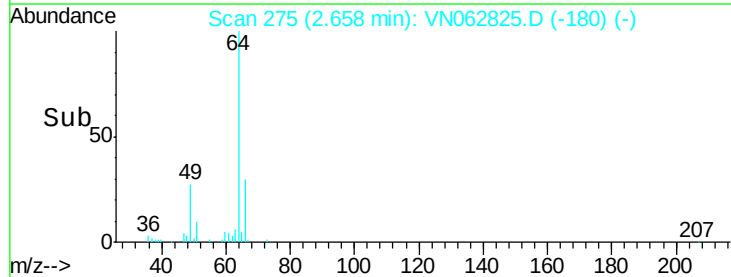
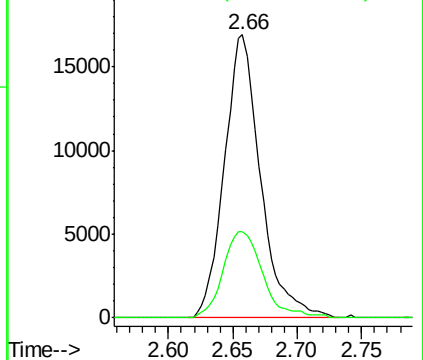
64 100

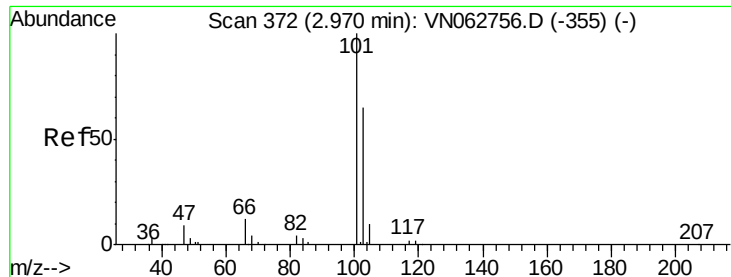
66 30.4 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



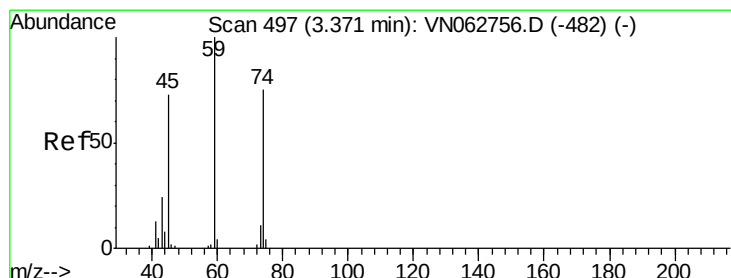
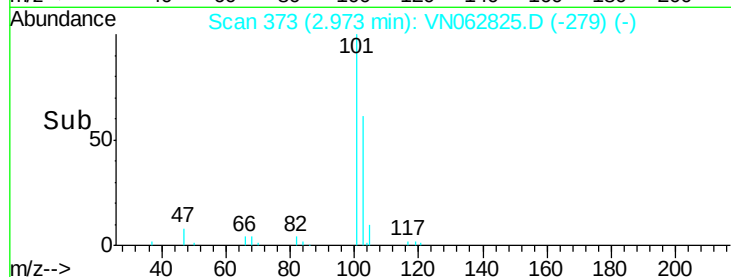
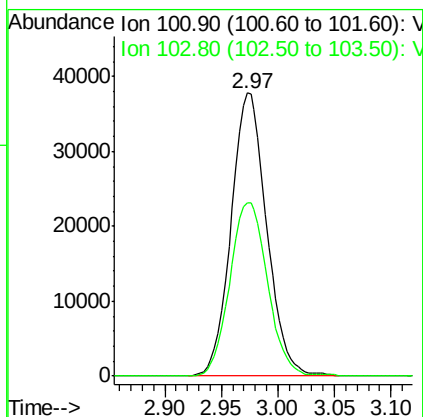
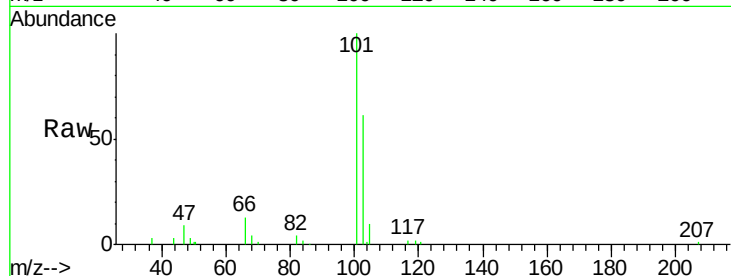


#7

Trichlorofluoromethane
 Concen: 18.412 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

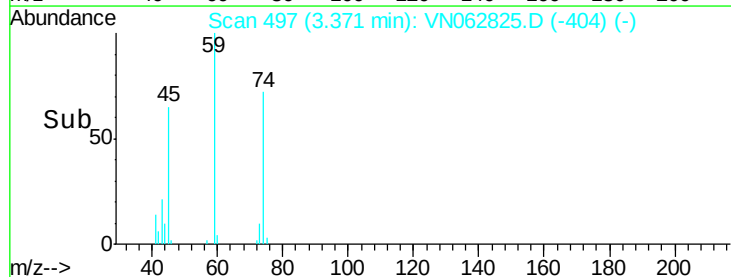
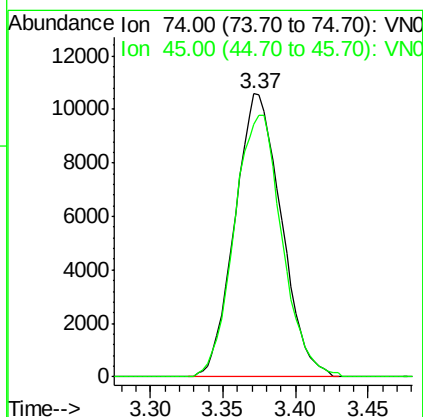
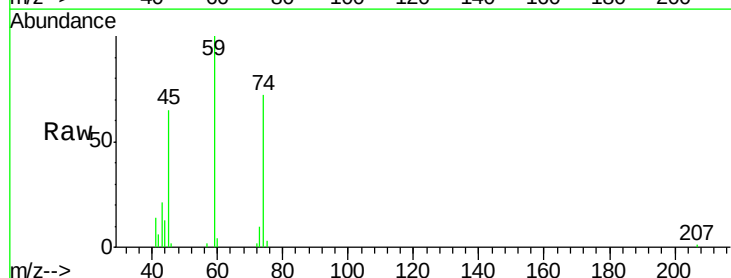
Tot Ion:101 Resp: 82762
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.3 78.5

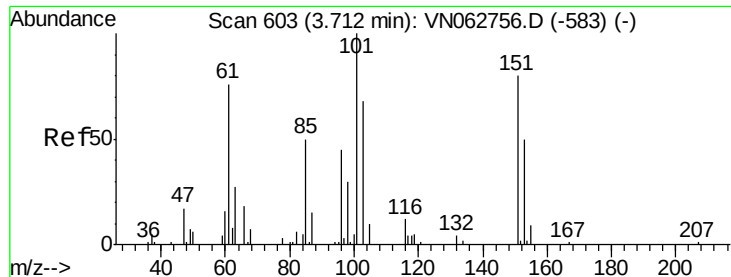


#8

Diethyl Ether
 Concen: 18.315 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion: 74 Resp: 23568
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.352 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

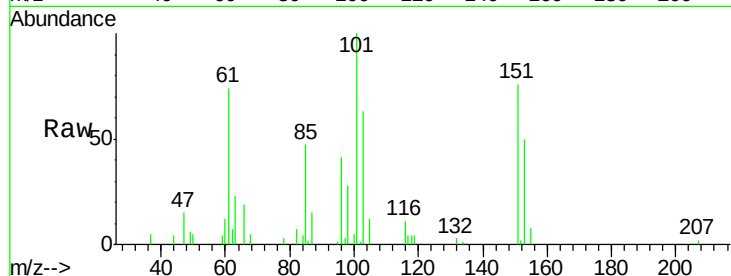
Tot Ion:101 Resp: 36060

Ion Ratio Lower Upper

101 100

85 47.4 38.5 57.7

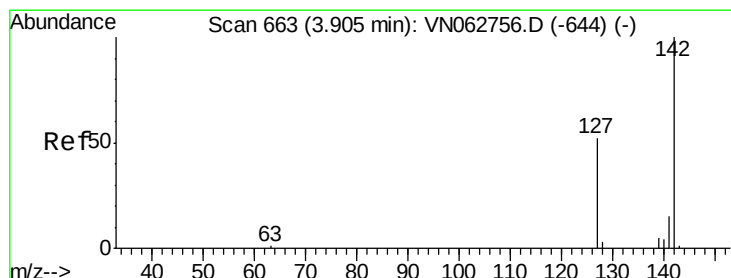
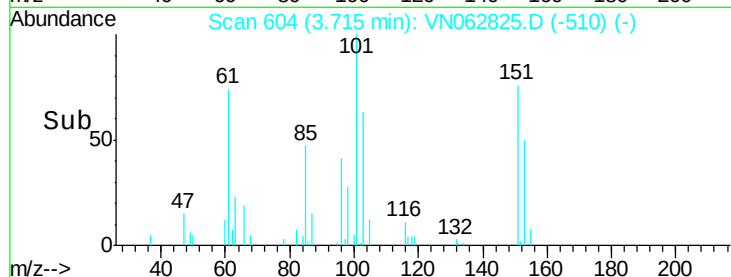
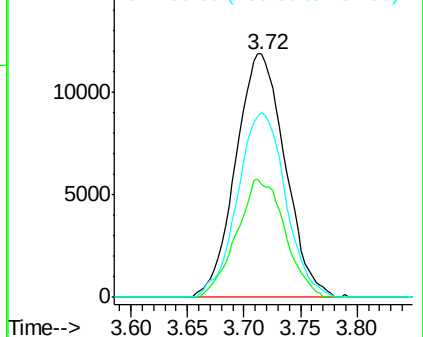
151 74.0 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.818 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

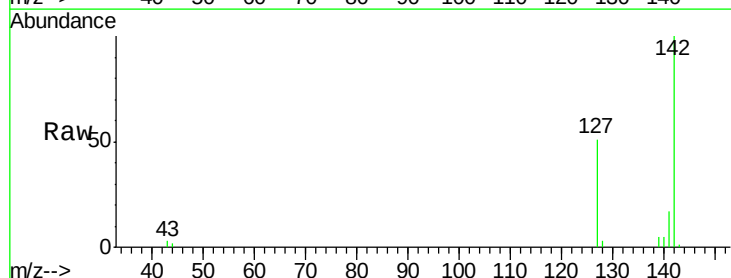
Tgt Ion:142 Resp: 40999

Ion Ratio Lower Upper

142 100

127 50.6 41.4 62.0

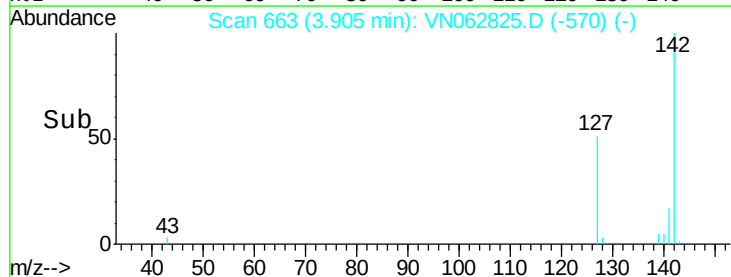
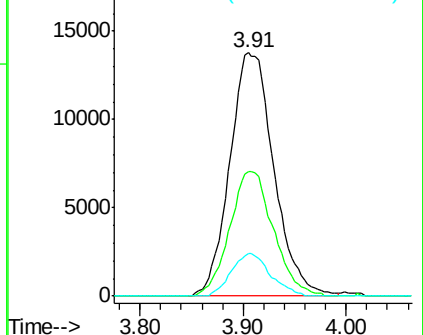
141 15.5 12.2 18.4

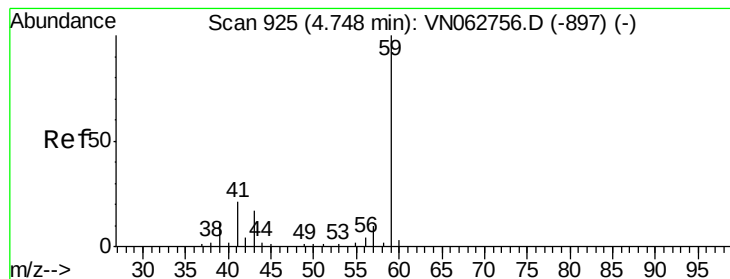


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.262 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

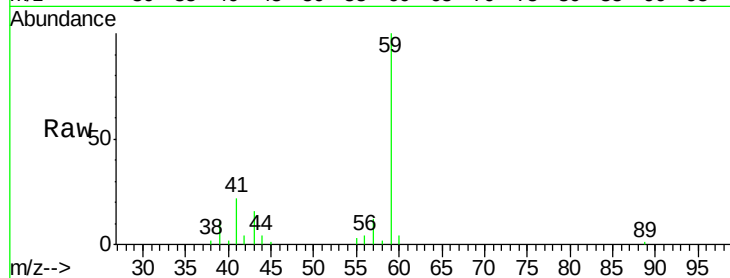
VN0811WBSD01

Tot Ion: 59 Resp: 49736

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

15000

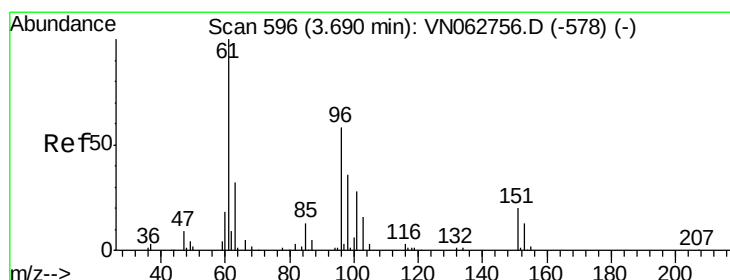
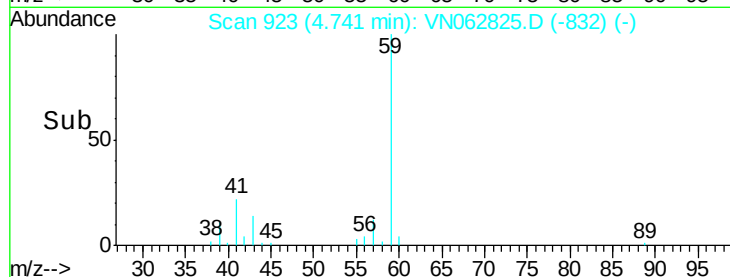
10000

5000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 17.658 ug/l

RT: 3.69 min Scan# 597

Delta R.T. 0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

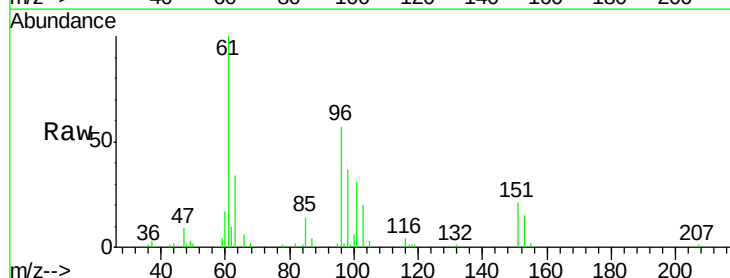
Tgt Ion: 96 Resp: 31191

Ion Ratio Lower Upper

96 100

61 176.8 139.0 208.6

98 66.3 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

30000

25000

20000

15000

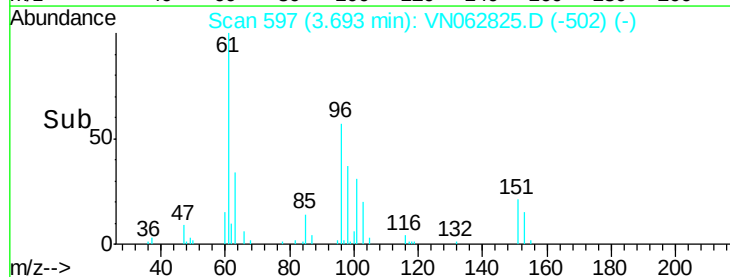
10000

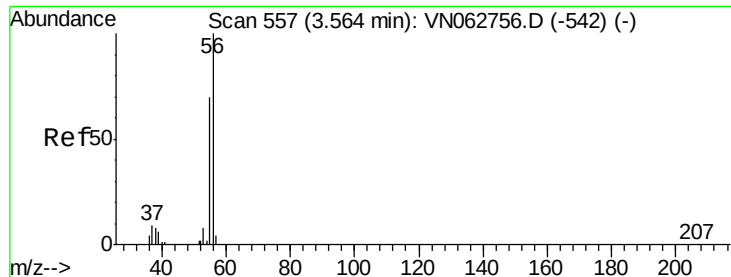
5000

0

Time-->

3.60 3.65 3.70 3.75





#13

Acrolein

Concen: 47.902 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

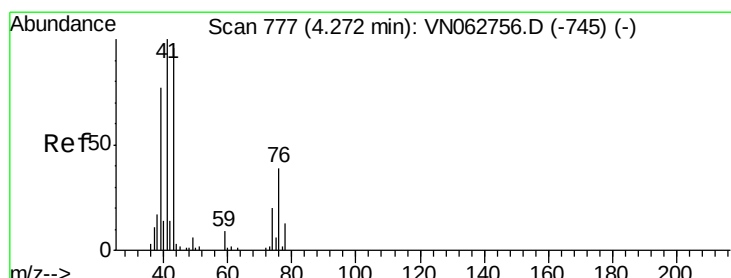
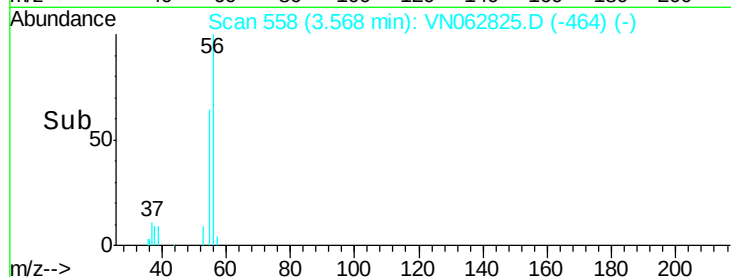
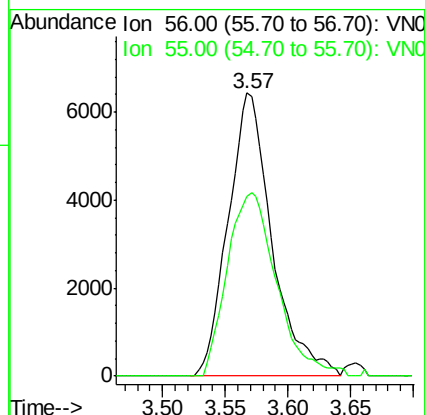
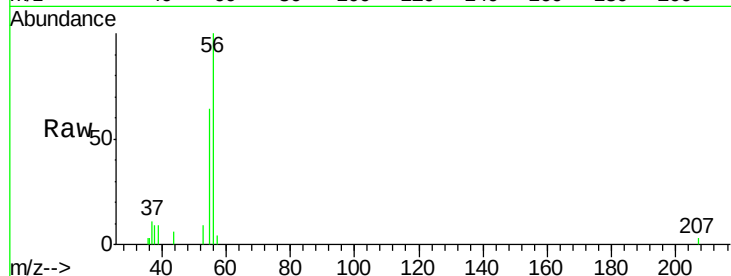
VN0811WBSD01

Tot Ion: 56 Resp: 15635

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.6



#14

Allyl chloride

Concen: 16.674 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

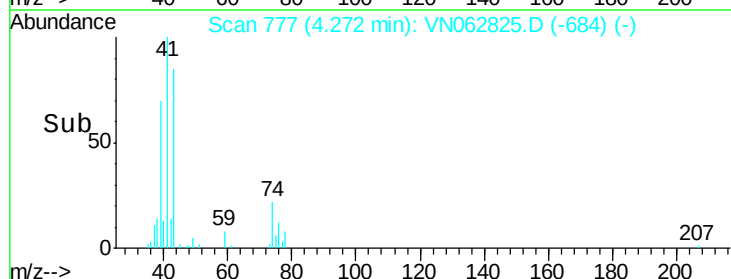
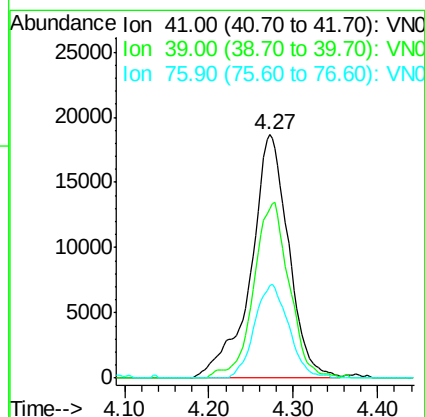
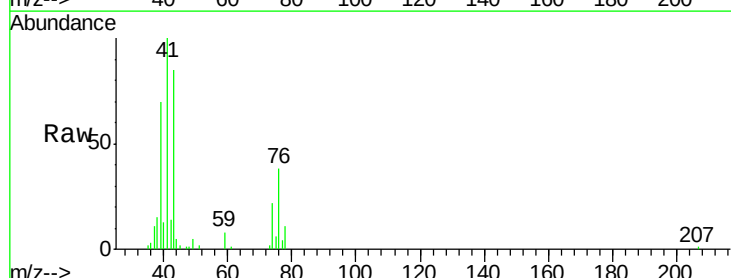
Tgt Ion: 41 Resp: 58064

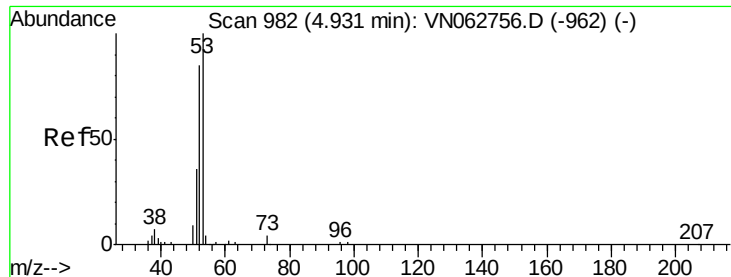
Ion Ratio Lower Upper

41 100

39 68.0 55.7 83.5

76 34.8 27.5 41.3





#15

Acrylonitrile

Concen: 91.634 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

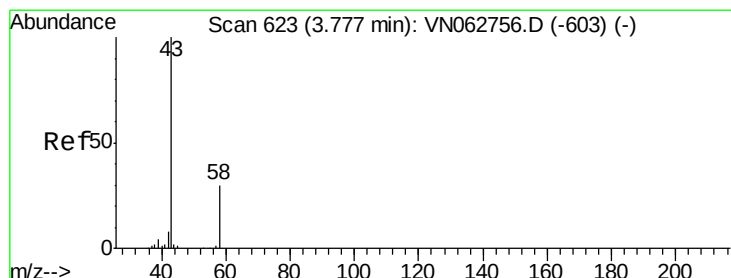
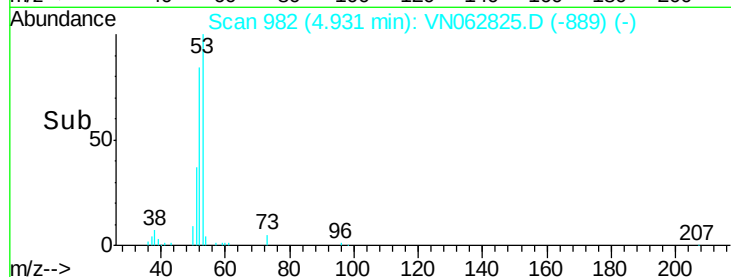
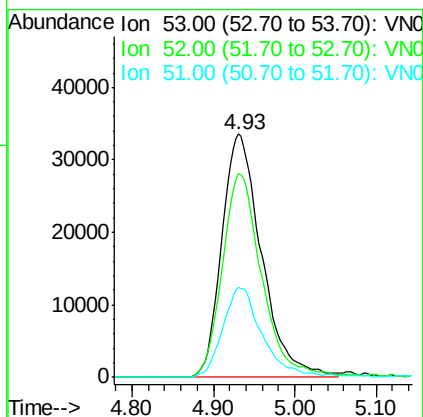
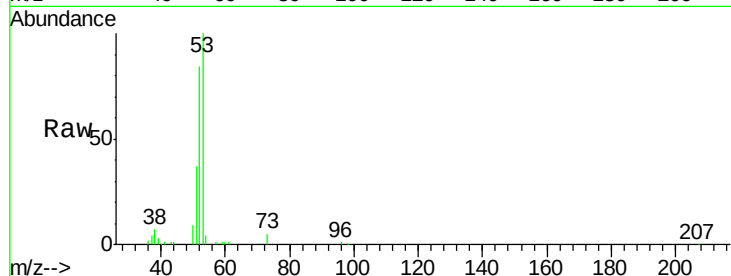
Tot Ion: 53 Resp: 114573

Ion Ratio Lower Upper

53 100

52 82.4 66.8 100.2

51 36.5 29.5 44.3



#16

Acetone

Concen: 96.556 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062825.D

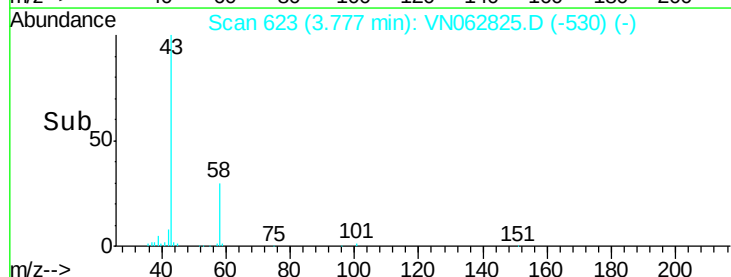
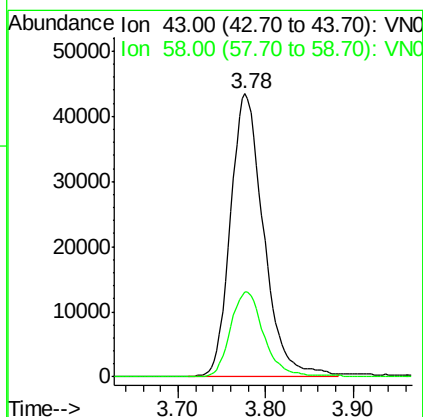
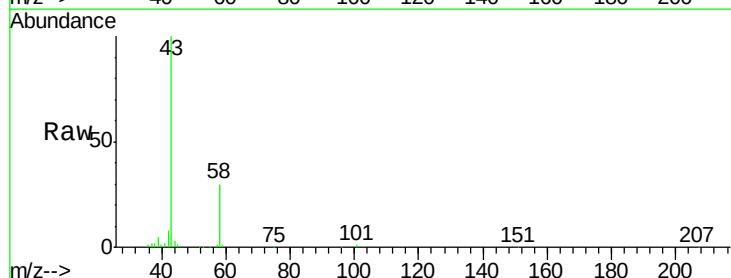
Acq: 11 Aug 2020 13:04

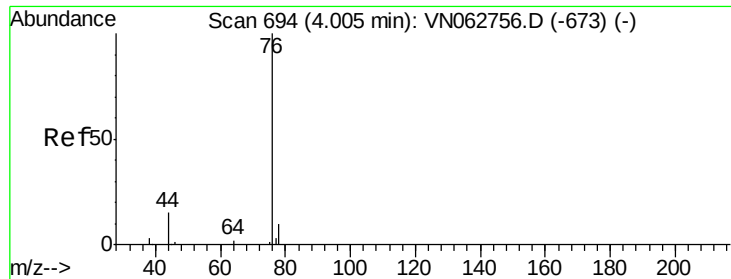
Tgt Ion: 43 Resp: 114754

Ion Ratio Lower Upper

43 100

58 29.9 24.1 36.1





#17

Carbon Disulfide

Concen: 16.422 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

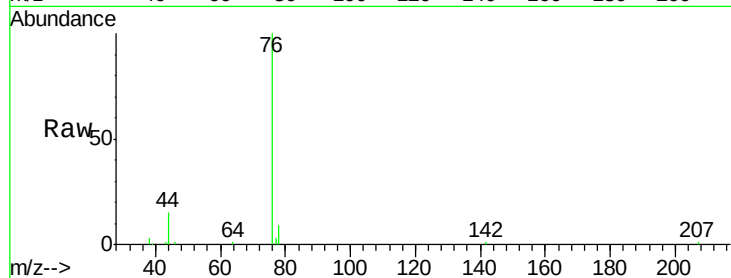
VN0811WBSD01

Tot Ion: 76 Resp: 81974

Ion Ratio Lower Upper

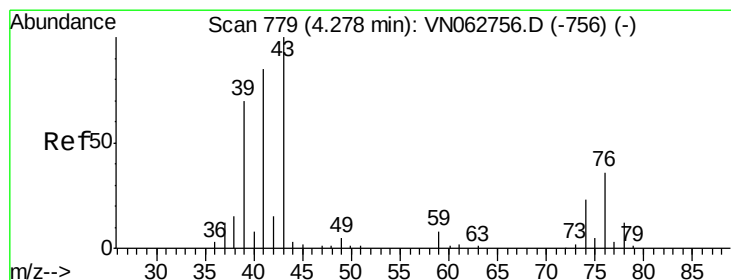
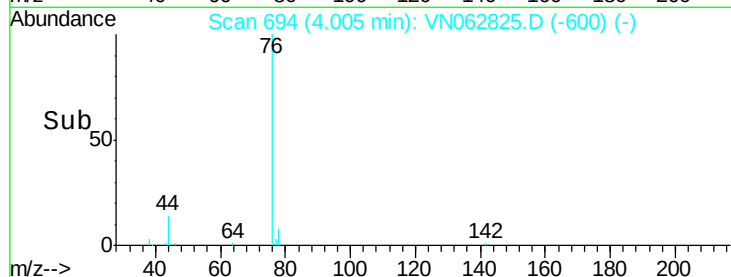
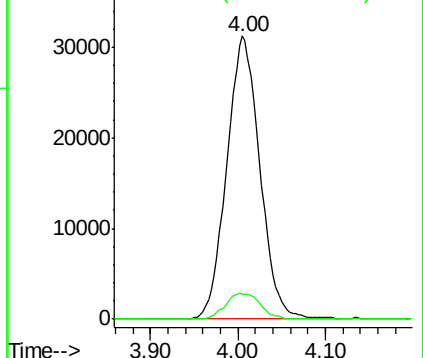
76 100

78 9.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.268 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062825.D

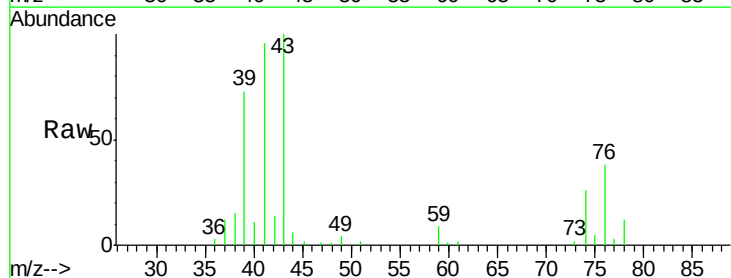
Acq: 11 Aug 2020 13:04

Tgt Ion: 43 Resp: 53365

Ion Ratio Lower Upper

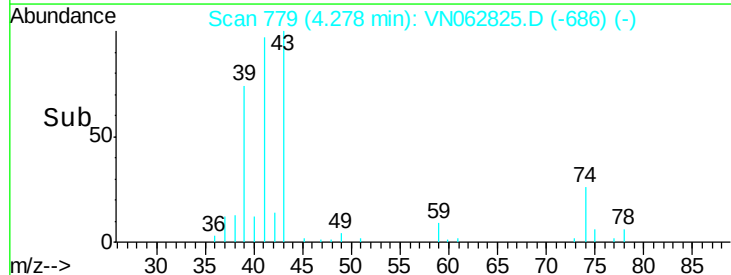
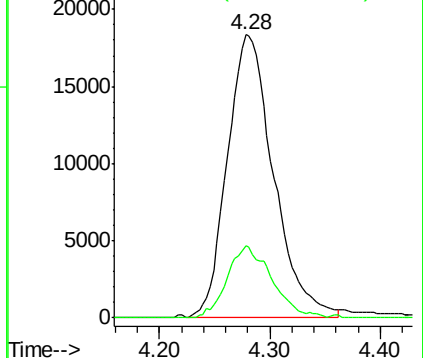
43 100

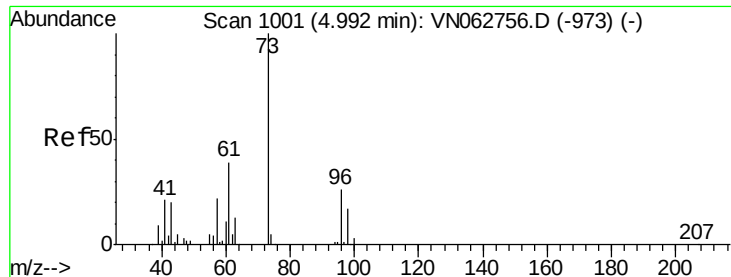
74 24.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

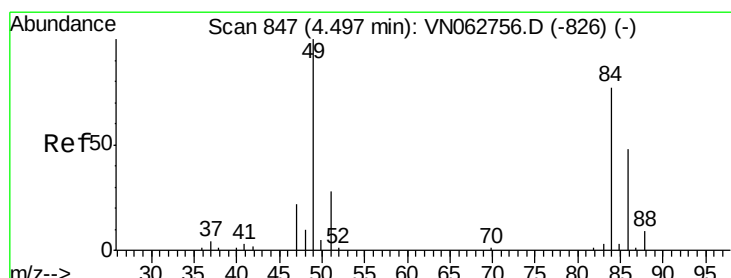
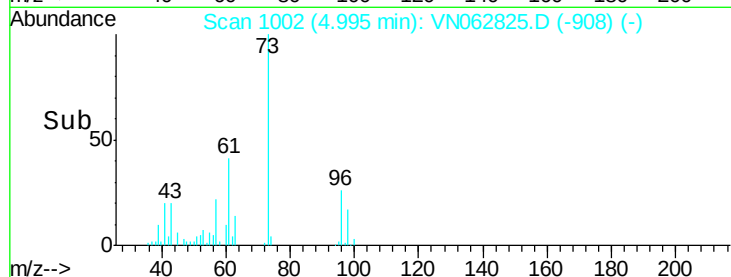
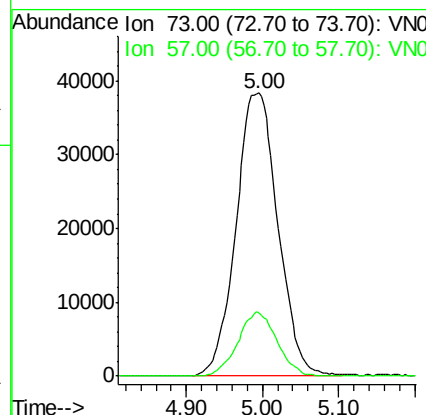
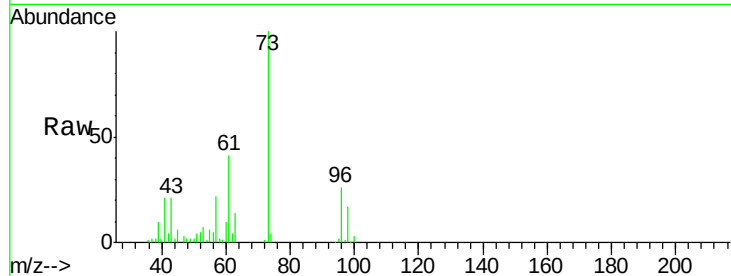




#19
Methyl tert-butyl Ether
Concen: 19.055 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

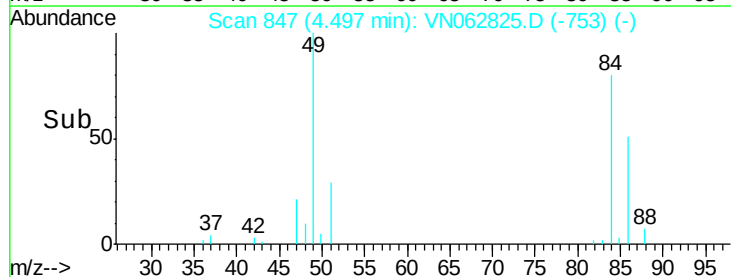
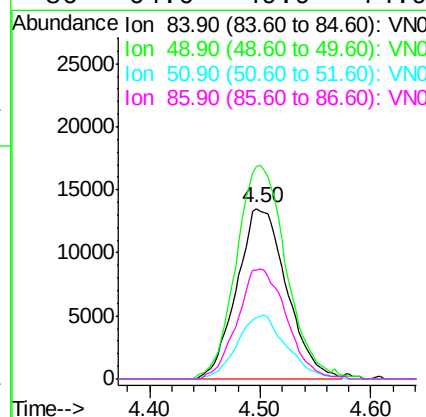
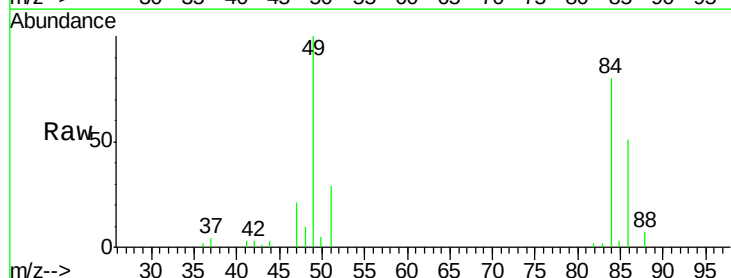
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

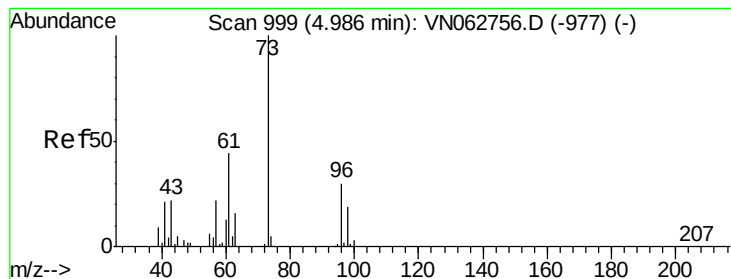
Tot Ion: 73 Resp: 146835
Ion Ratio Lower Upper
73 100
57 22.4 17.5 26.3



#20
Methylene Chloride
Concen: 19.066 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion: 84 Resp: 42492
Ion Ratio Lower Upper
84 100
49 124.7 103.4 155.2
51 35.8 29.3 43.9
86 64.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.616 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

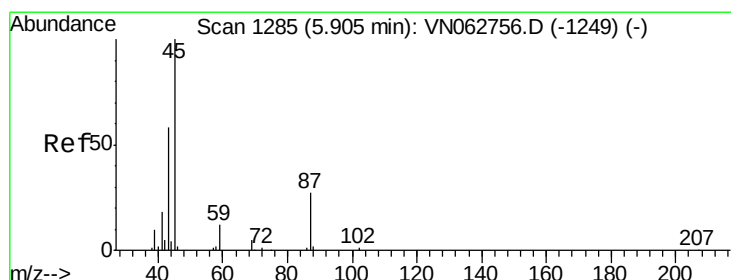
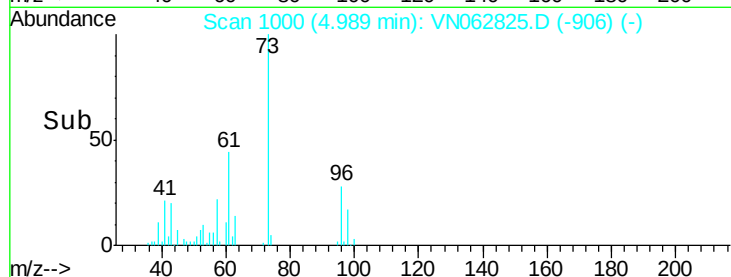
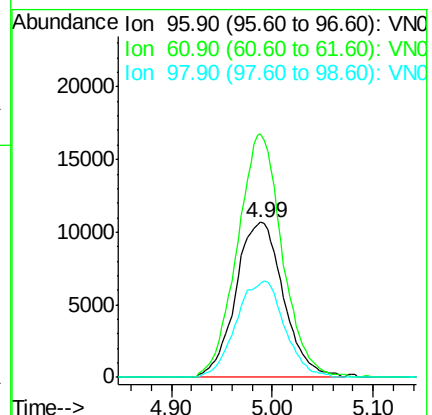
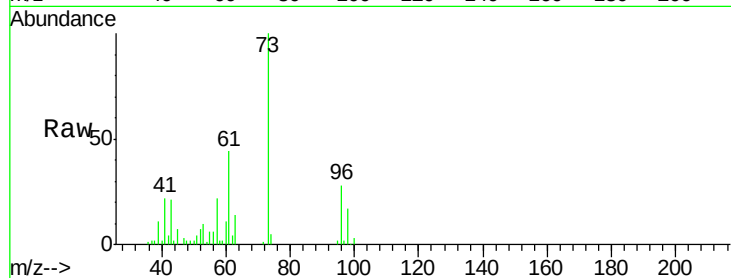
Tot Ion: 96 Resp: 35063

Ion Ratio Lower Upper

96 100

61 157.0 118.8 178.2

98 60.8 51.0 76.4



#22

Diisopropyl ether

Concen: 18.384 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Tgt Ion: 45 Resp: 136283

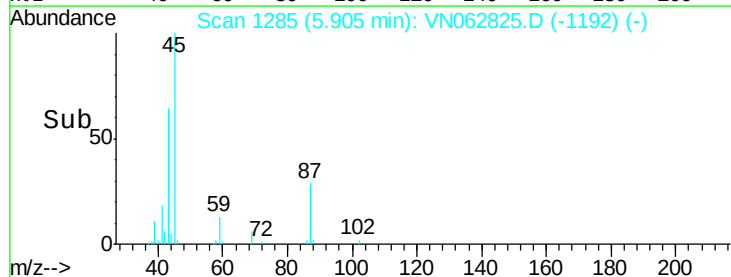
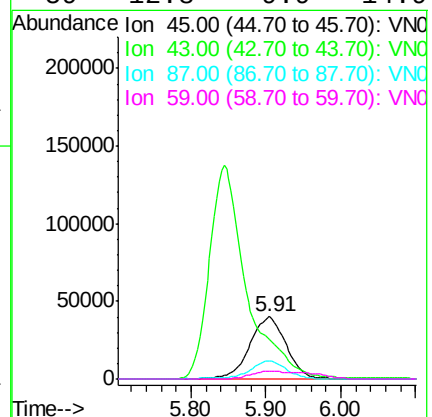
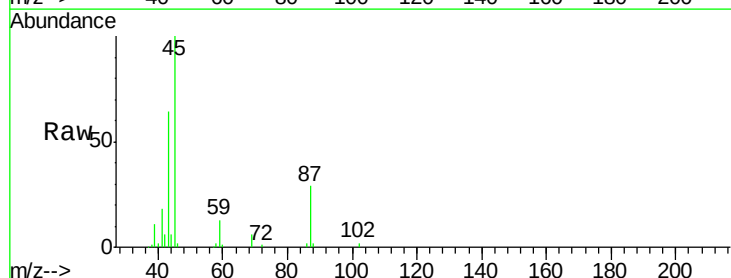
Ion Ratio Lower Upper

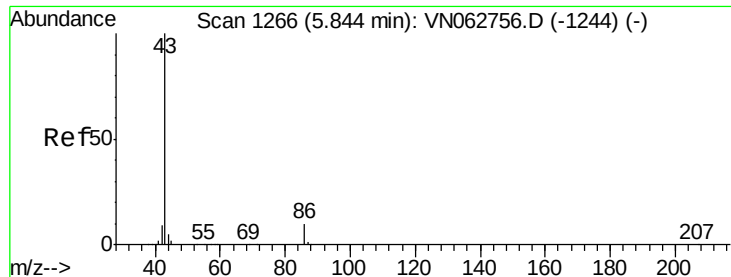
45 100

43 61.4 47.4 71.2

87 28.9 22.8 34.2

59 12.8 9.9 14.9





#23

Vinyl Acetate

Concen: 84.267 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

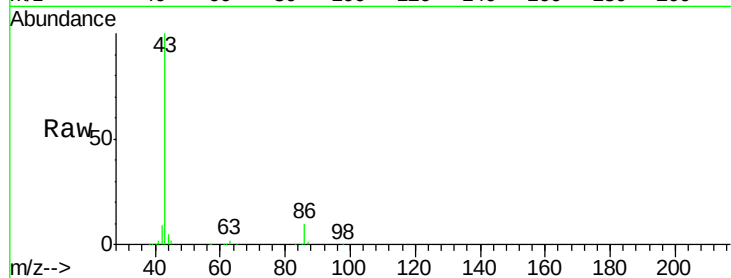
VN0811WBSD01

Tot Ion: 43 Resp: 475134

Ion Ratio Lower Upper

43 100

86 10.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

150000

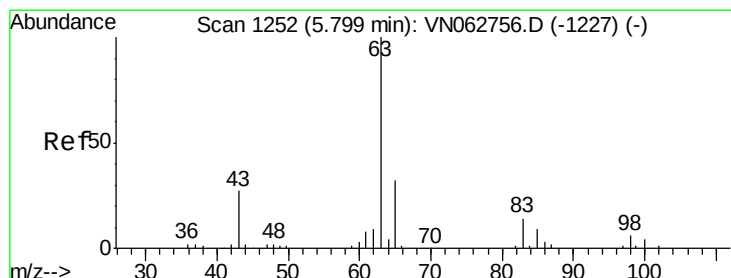
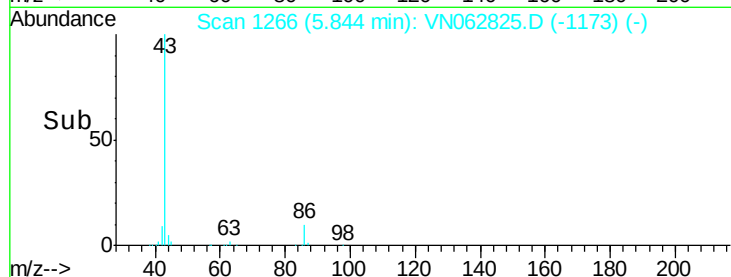
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 17.276 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

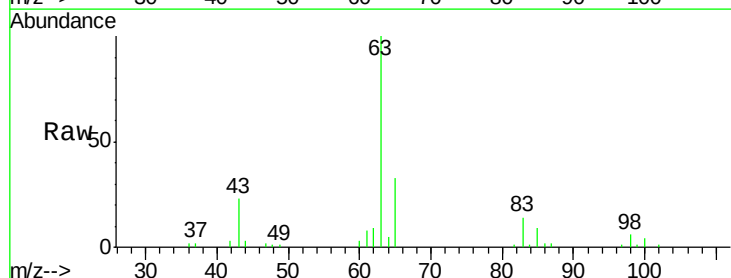
Tgt Ion: 63 Resp: 75051

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.3 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

30000

25000

20000

15000

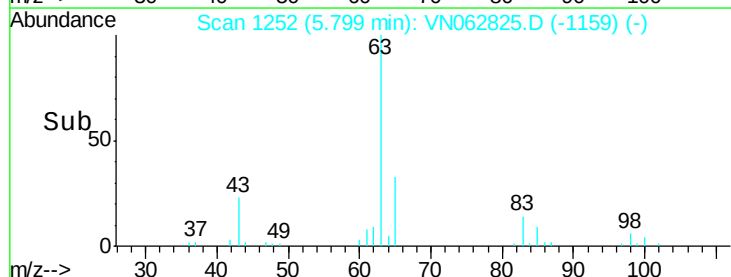
10000

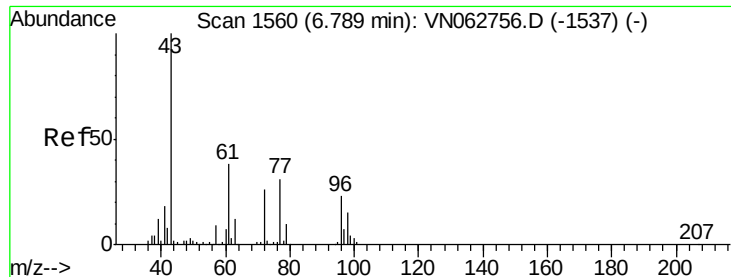
5000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 91.044 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

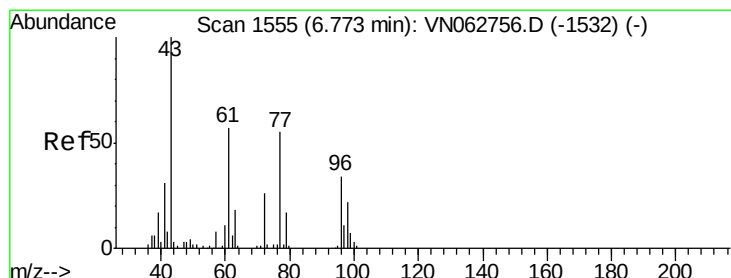
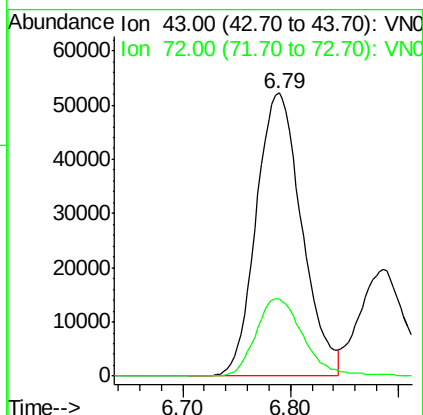
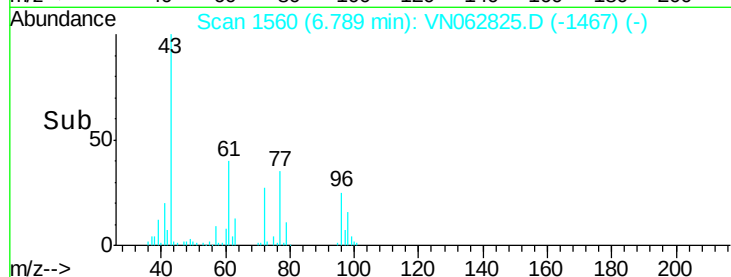
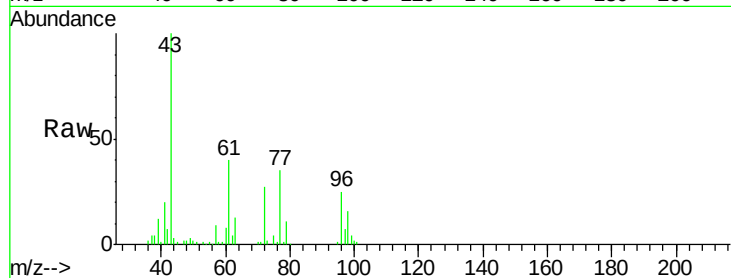
VN0811WBSD01

Tot Ion: 43 Resp: 153249

Ion Ratio Lower Upper

43 100

72 27.1 21.1 31.7



#26

2,2-Dichloropropane

Concen: 18.061 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062825.D

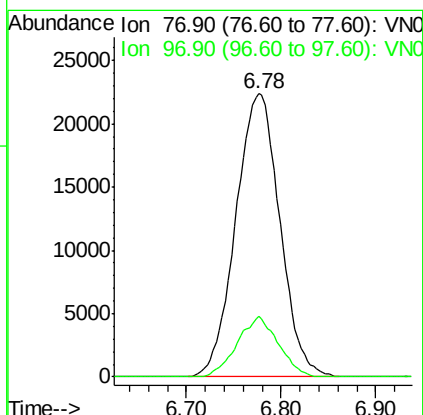
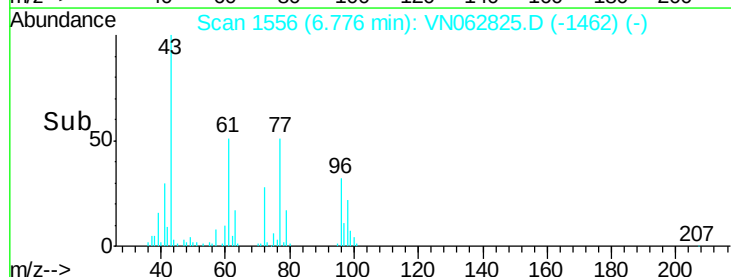
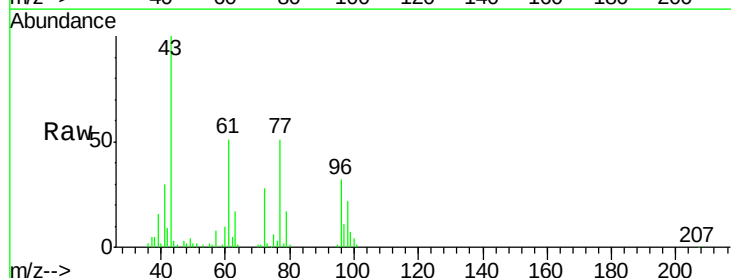
Acq: 11 Aug 2020 13:04

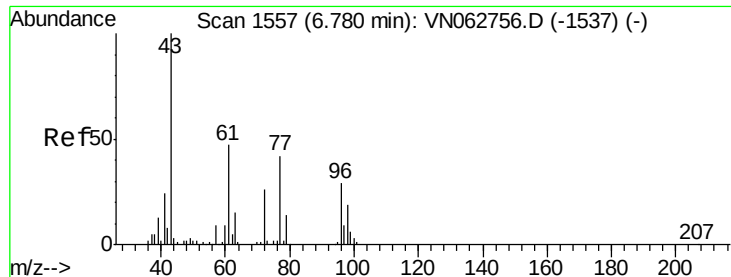
Tgt Ion: 77 Resp: 72324

Ion Ratio Lower Upper

77 100

97 19.9 10.5 31.6

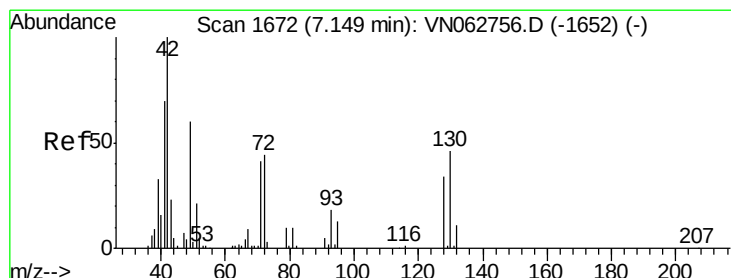
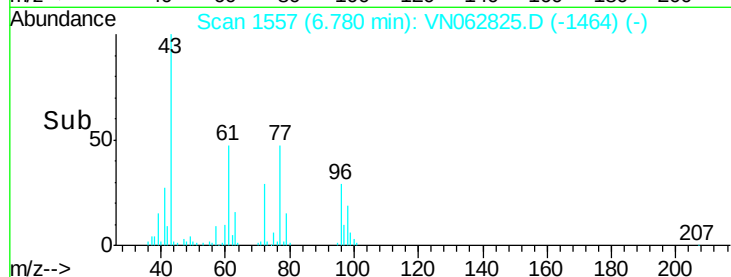
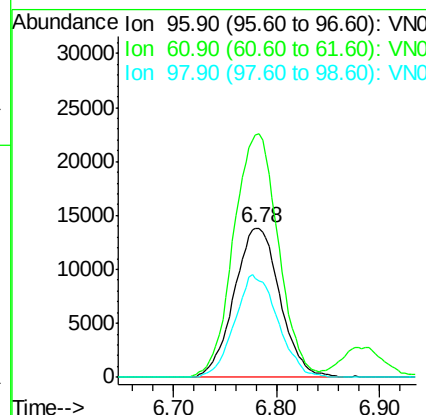
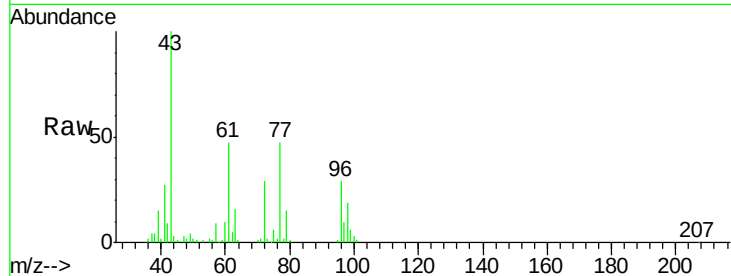




#27
 cis-1,2-Dichloroethene
 Concen: 17.861 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

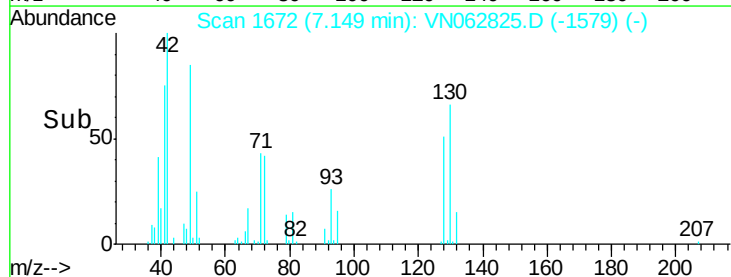
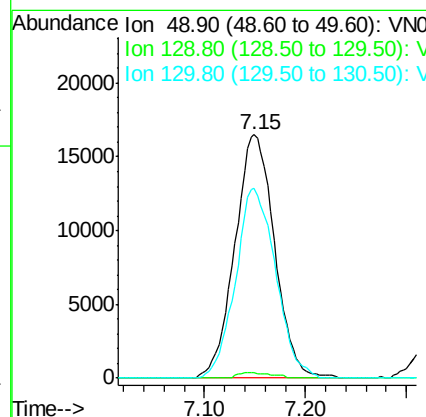
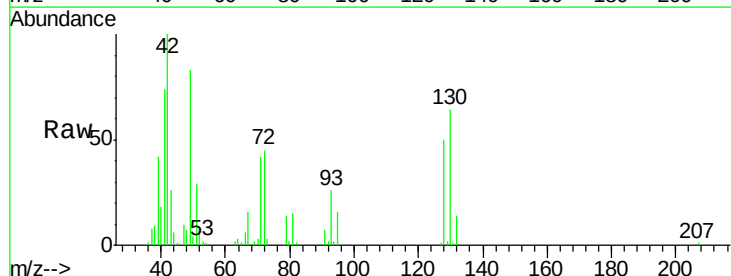
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

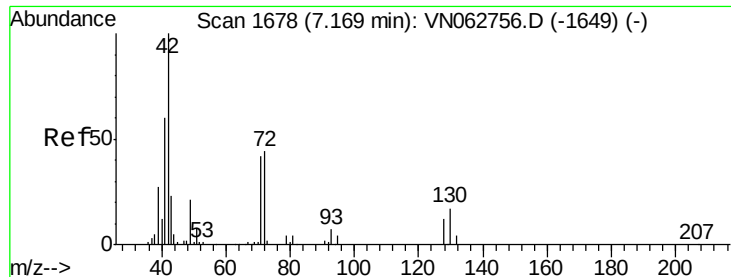
Tot Ion: 96 Resp: 42645
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 332.2
 98 64.8 0.0 129.4



#28
 Bromochloromethane
 Concen: 21.500 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion: 49 Resp: 45077
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.2
 130 78.6 59.0 88.6

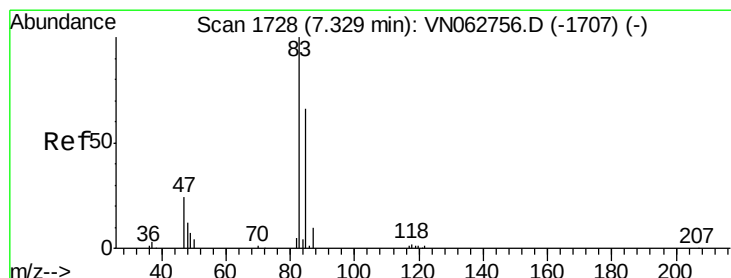
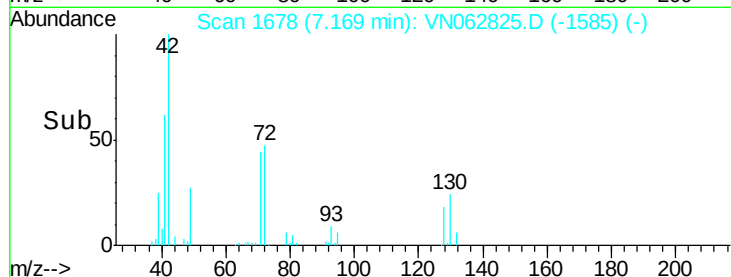
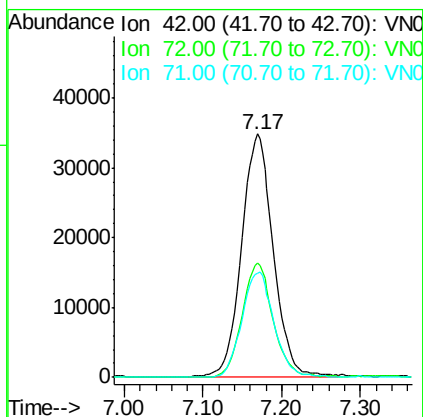
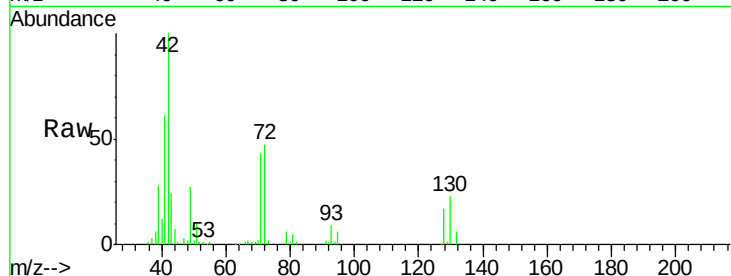




#29
Tetrahydrofuran
Concen: 90.794 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

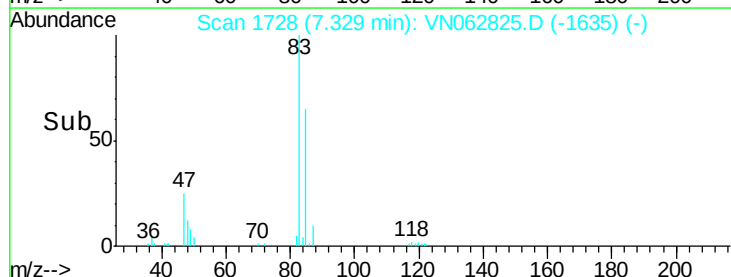
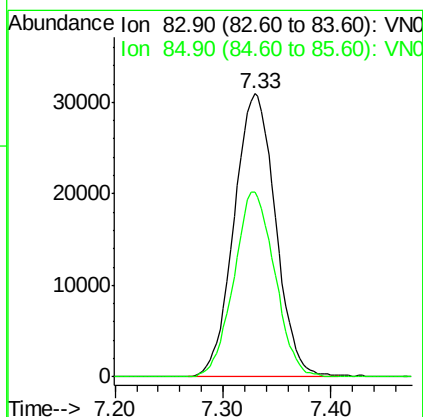
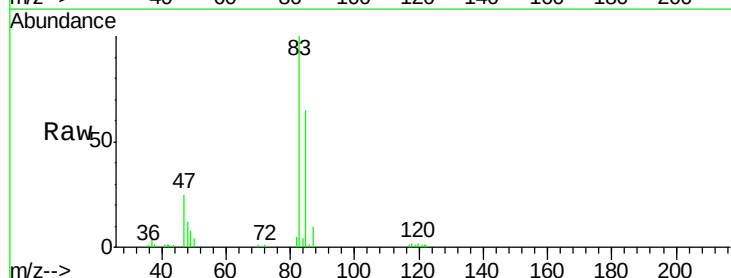
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

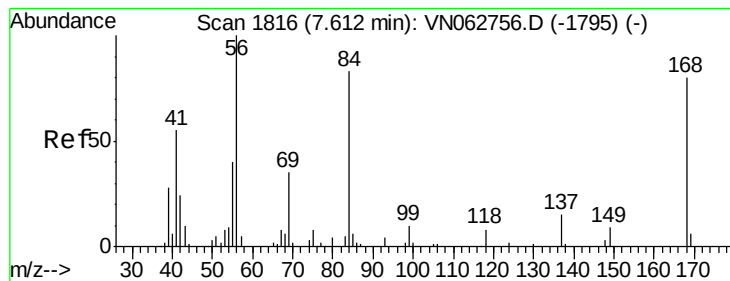
Tot Ion: 42 Resp: 99288
Ion Ratio Lower Upper
42 100
72 45.6 35.0 52.4
71 43.6 33.2 49.8



#30
Chloroform
Concen: 17.900 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion: 83 Resp: 82640
Ion Ratio Lower Upper
83 100
85 65.4 52.7 79.1





#31

Cyclohexane

Concen: 17.499 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

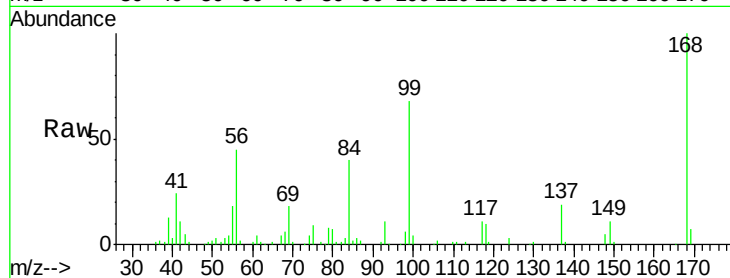
Tot Ion: 56 Resp: 69783

Ion Ratio Lower Upper

56 100

69 40.6 28.1 42.1

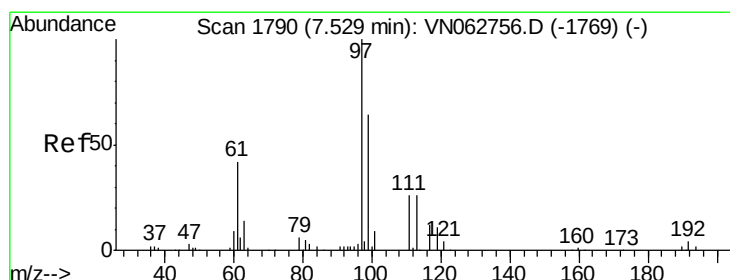
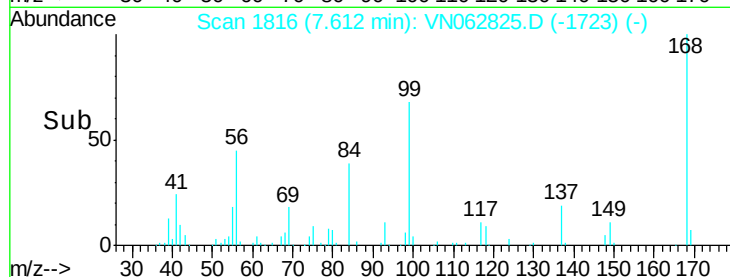
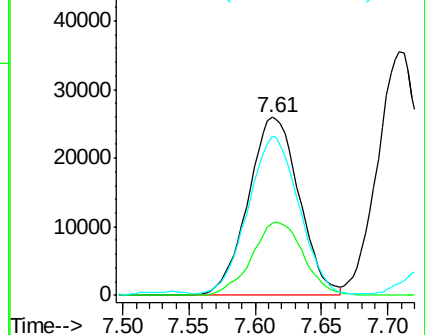
84 88.3 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.694 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

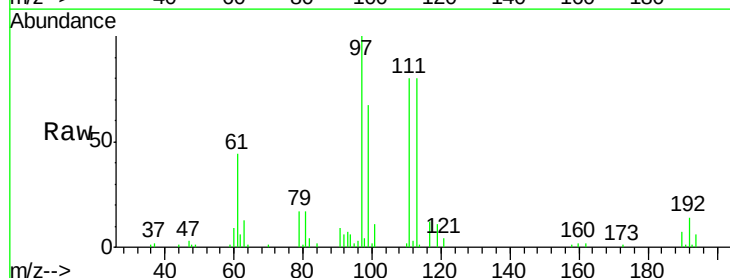
Tgt Ion: 97 Resp: 73037

Ion Ratio Lower Upper

97 100

99 66.2 50.0 75.0

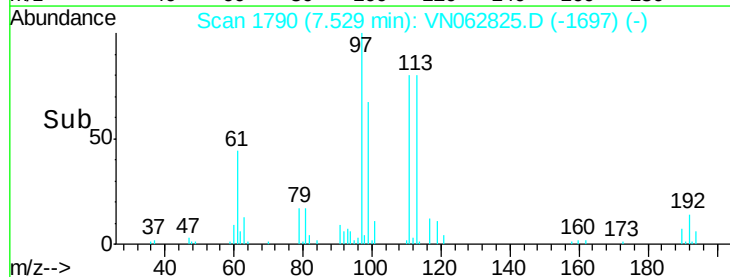
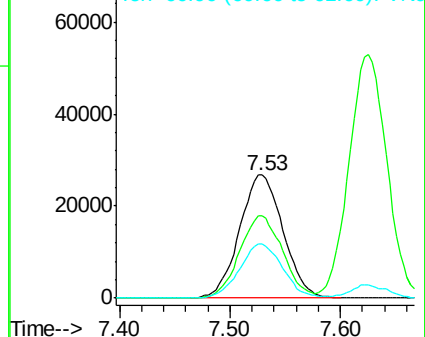
61 43.6 34.8 52.2

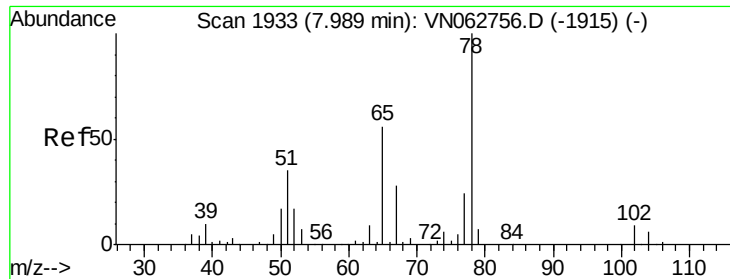


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

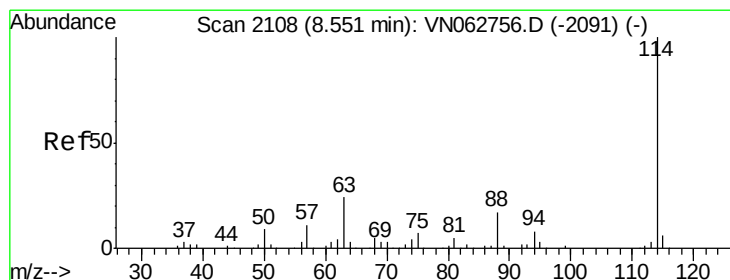
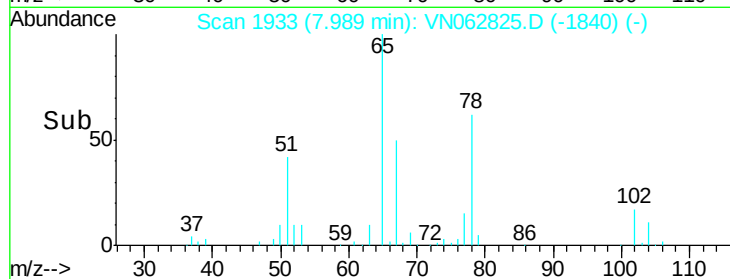
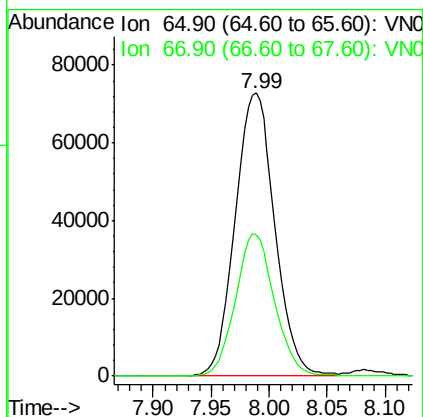
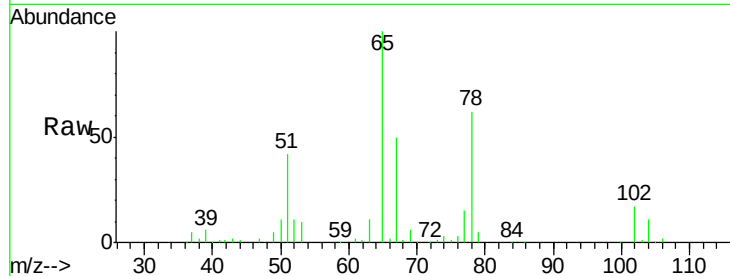




#33
 1,2-Dichloroethane-d4
 Concen: 52.452 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

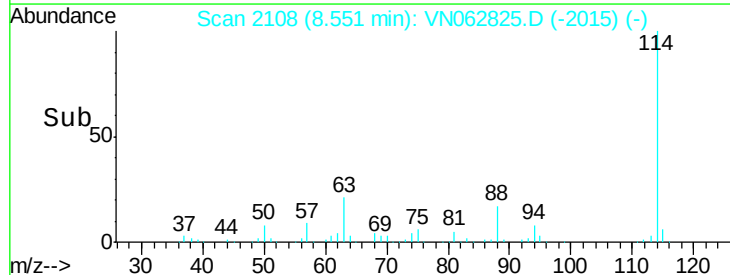
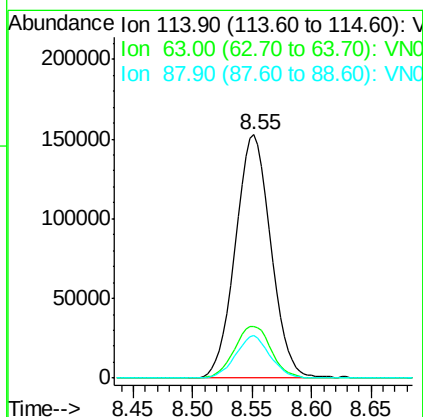
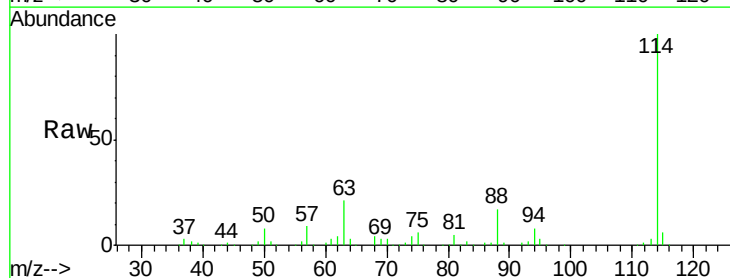
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

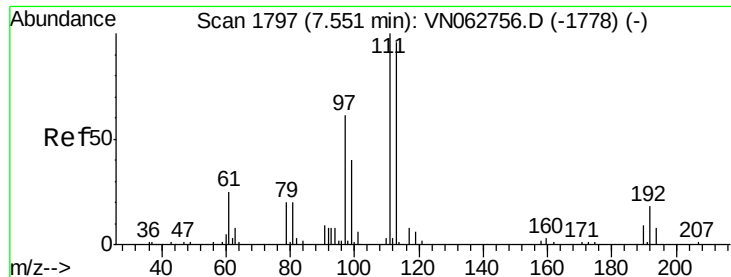
Tot Ion: 65 Resp: 172520
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion: 114 Resp: 316714
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 47.6
 88 17.3 0.0 34.4

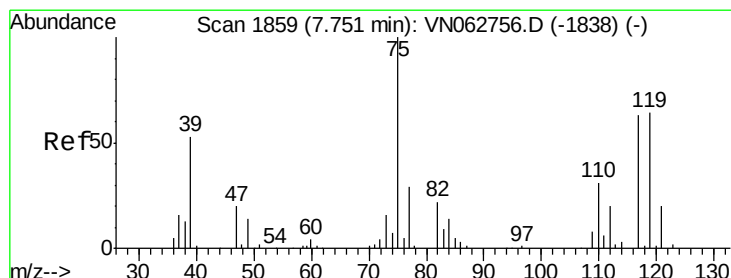
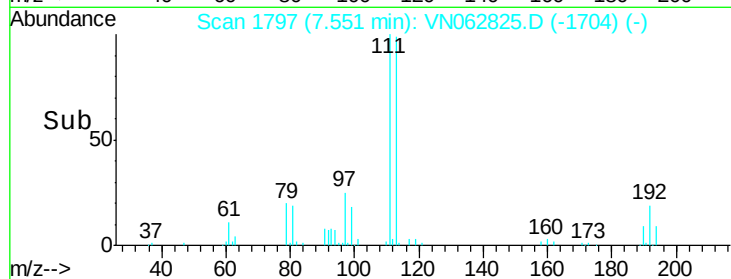
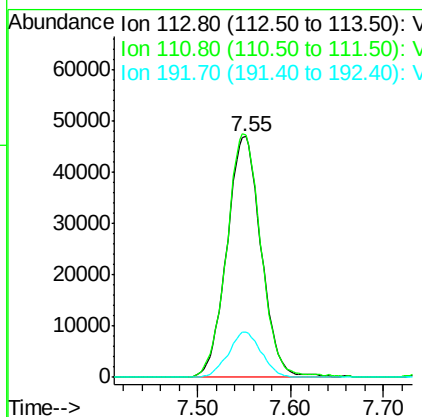
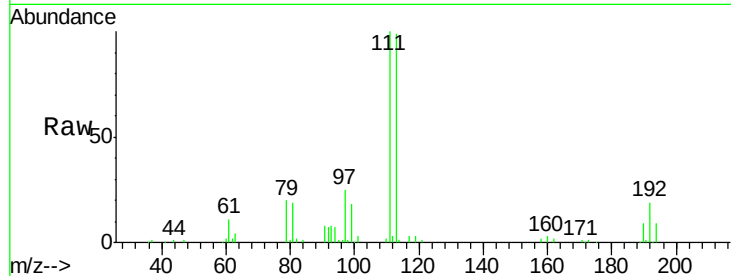




#35
 Dibromofluoromethane
 Concen: 55.443 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

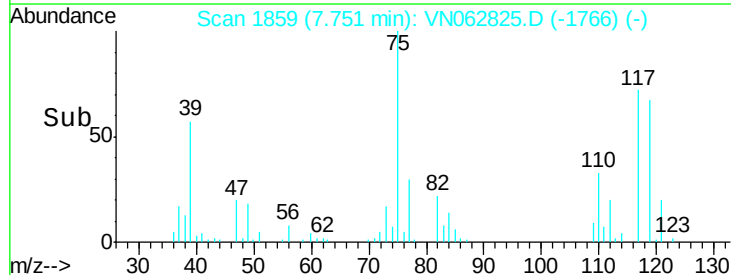
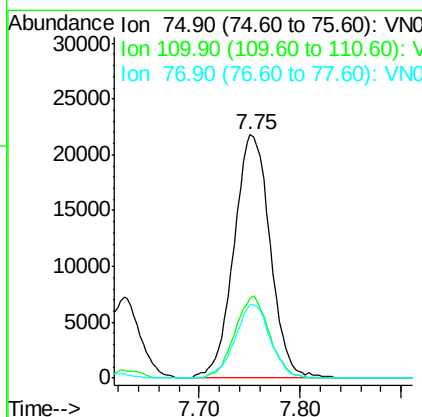
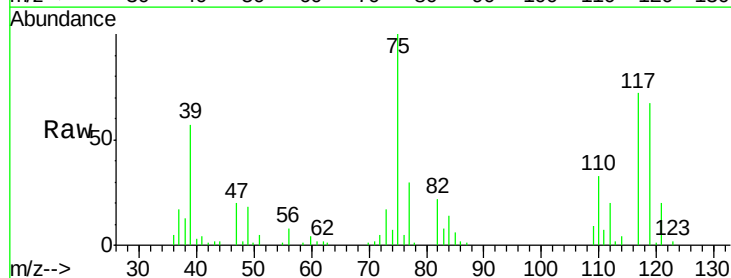
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

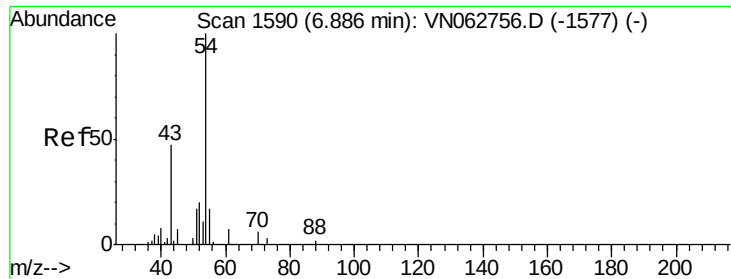
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.6
192	18.1	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 17.617 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	15.6	46.7
77	29.5	24.1	36.1

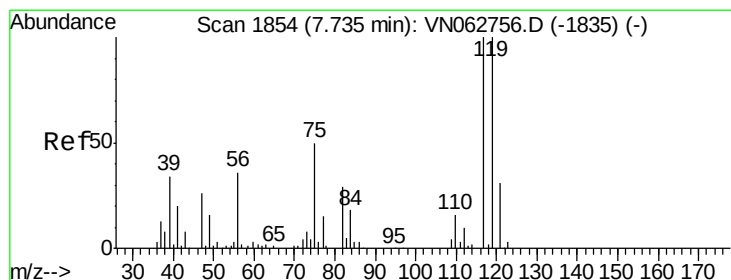
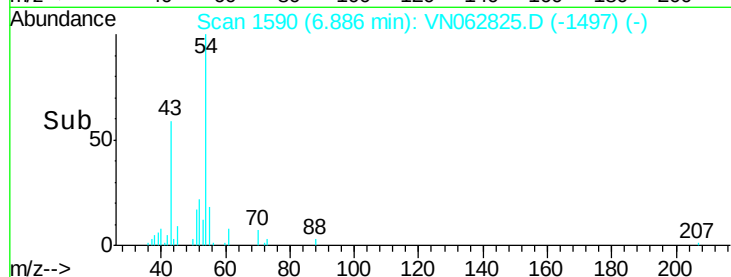
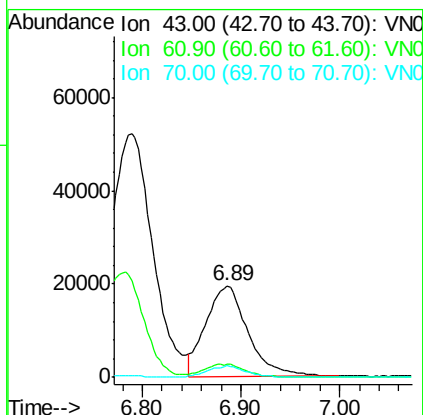
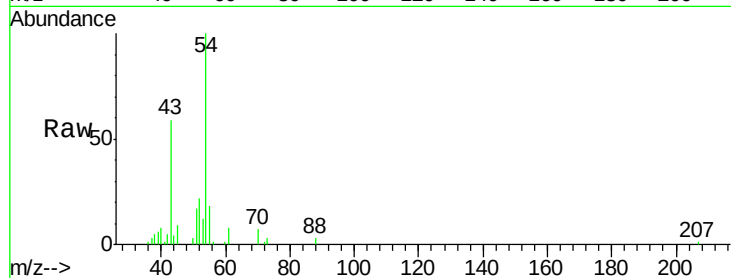




#37
Ethyl Acetate
Concen: 18.064 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

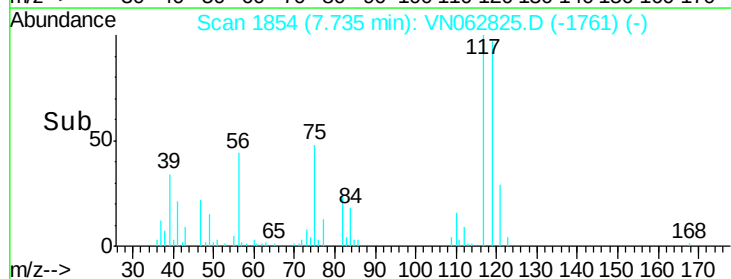
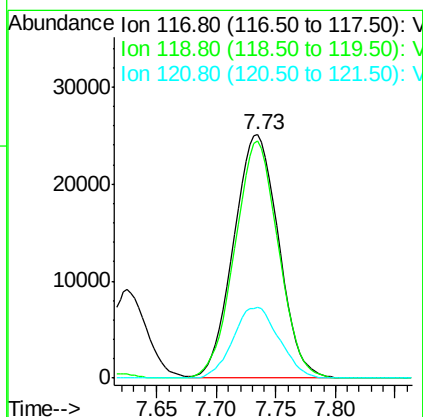
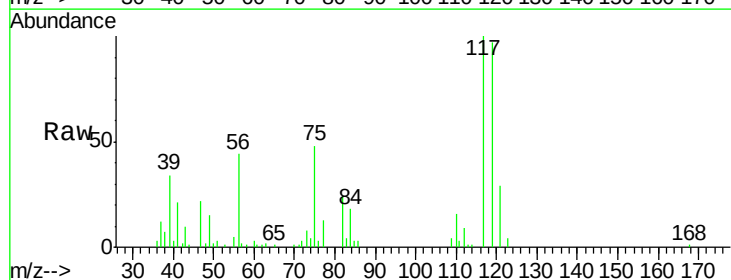
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

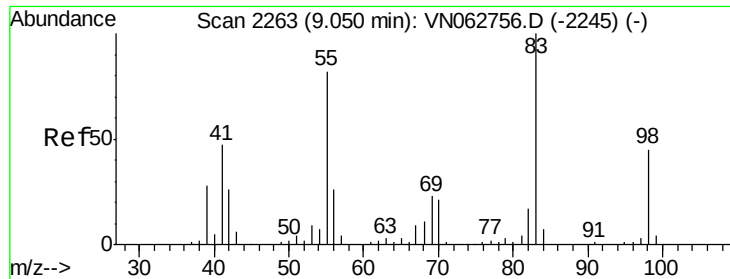
Tot Ion: 43 Resp: 58191
Ion Ratio Lower Upper
43 100
61 13.0 12.1 18.1
70 11.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 18.013 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion: 117 Resp: 65697
Ion Ratio Lower Upper
117 100
119 97.3 79.4 119.2
121 28.9 24.9 37.3

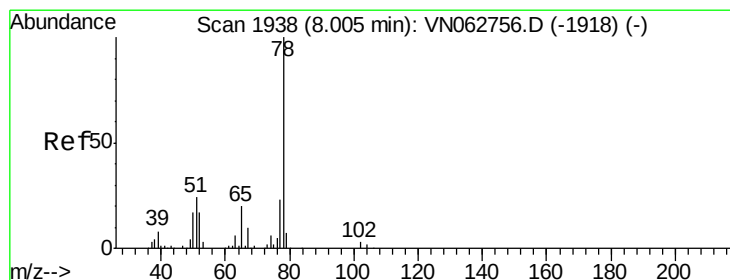
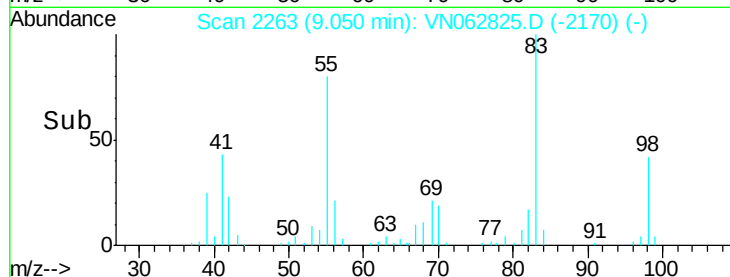
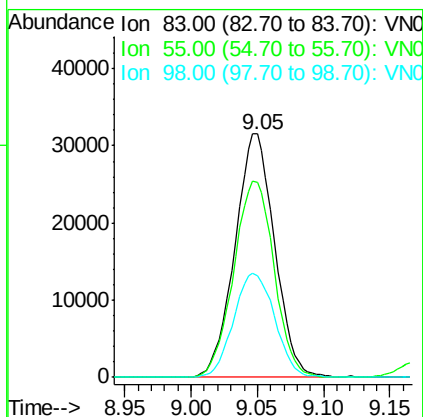
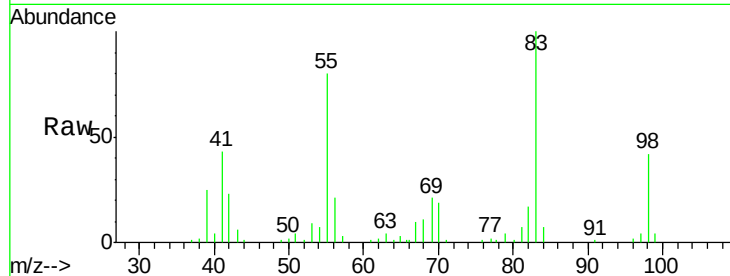




#39
Methylvlcyclohexane
Concen: 17.659 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

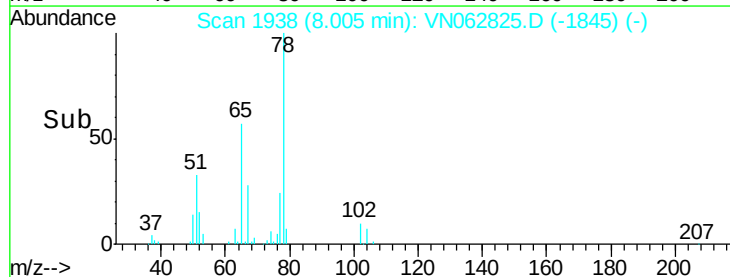
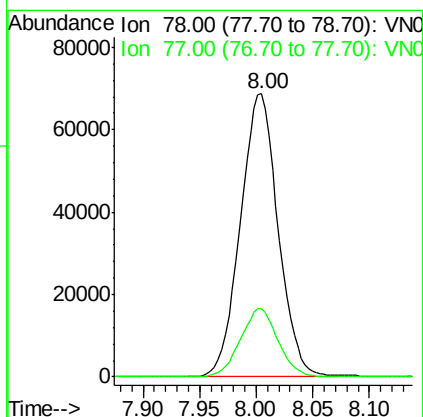
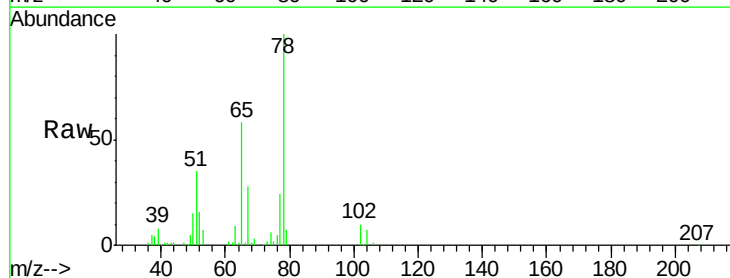
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

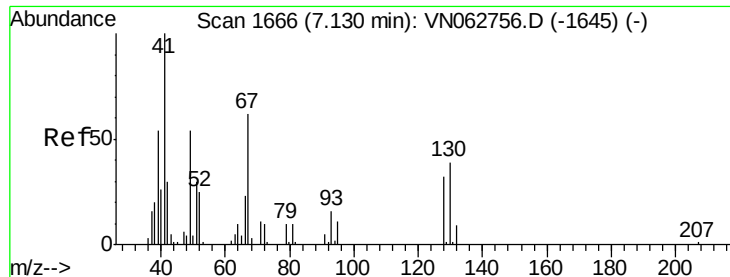
Tot Ion: 83 Resp: 65536
Ion Ratio Lower Upper
83 100
55 80.0 65.7 98.5
98 41.7 35.6 53.4



#40
Benzene
Concen: 17.298 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion: 78 Resp: 159180
Ion Ratio Lower Upper
78 100
77 24.0 18.1 27.1

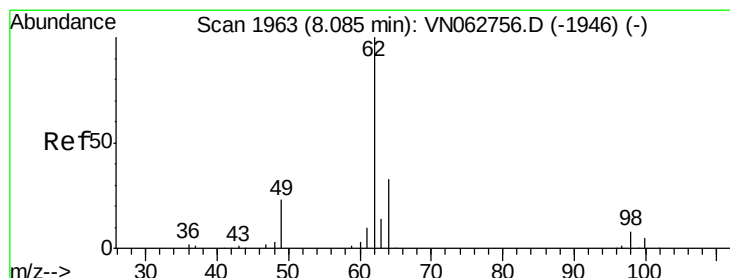
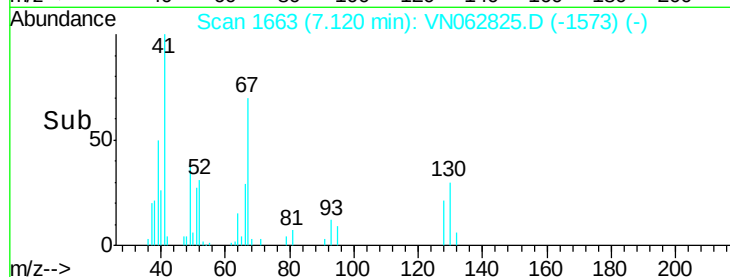
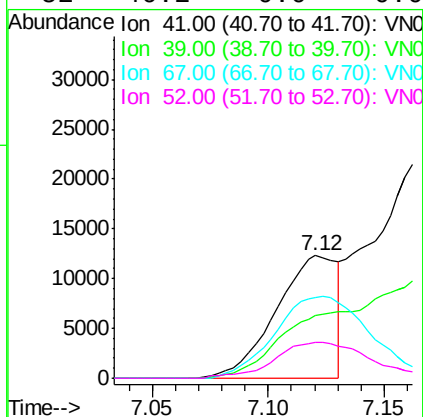
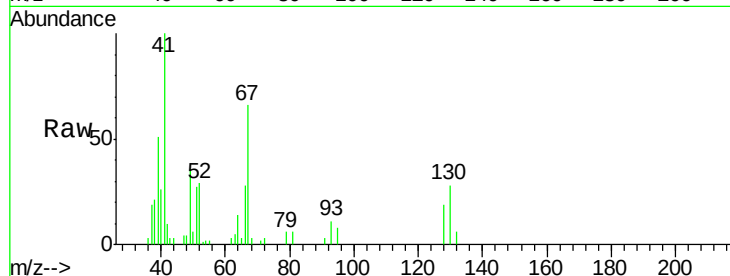




#41
Methacrylonitrile
Concen: 15.545 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

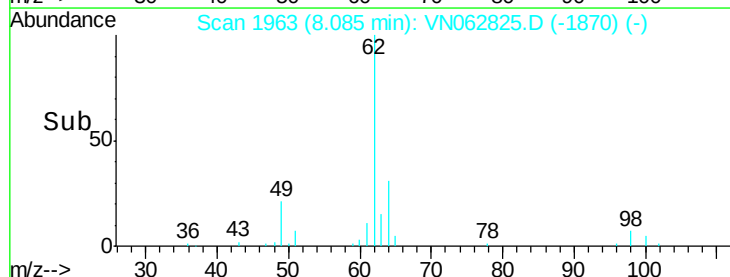
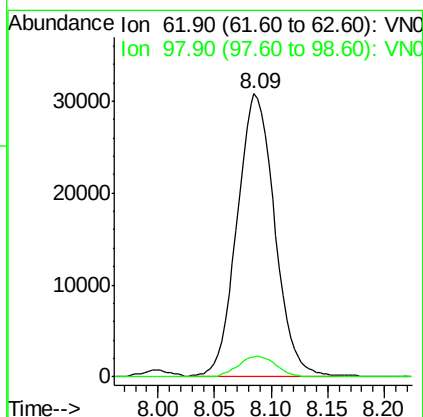
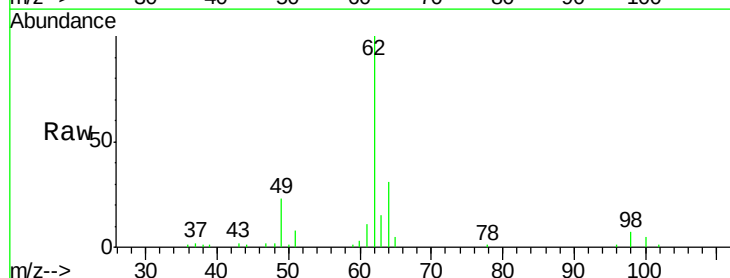
Instrument :
MSVOA_N
ClientSampled :
VN0811WBSD01

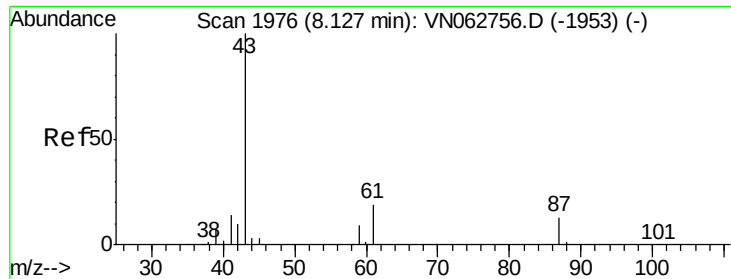
Tot Ion: 41 Resp: 22597
Ion Ratio Lower Upper
41 100
39 0.0 69.4 104.2#
67 105.3 0.0 0.0#
52 46.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.270 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion: 62 Resp: 71558
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 17.488 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

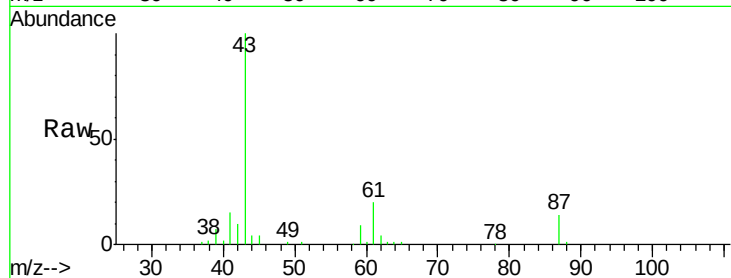
Tot Ion: 43 Resp: 93969

Ion Ratio Lower Upper

43 100

61 20.8 15.8 23.6

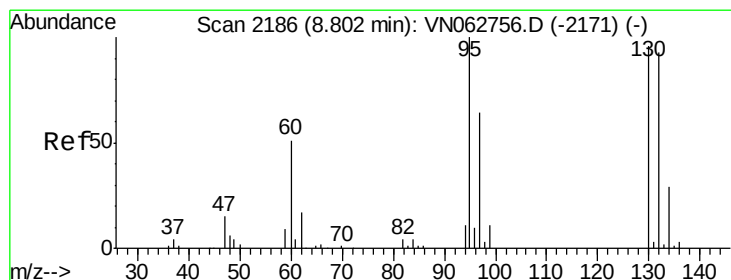
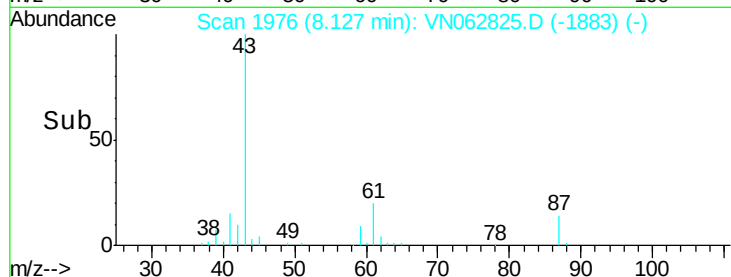
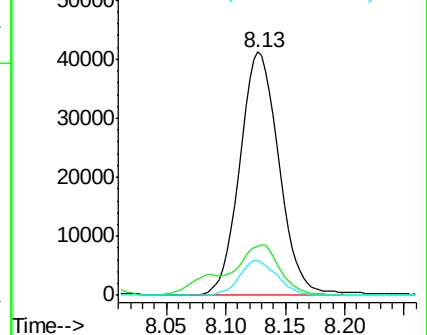
87 13.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 17.910 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062825.D

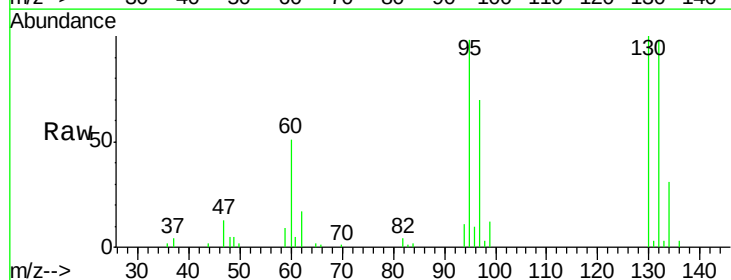
Acq: 11 Aug 2020 13:04

Tgt Ion:130 Resp: 40155

Ion Ratio Lower Upper

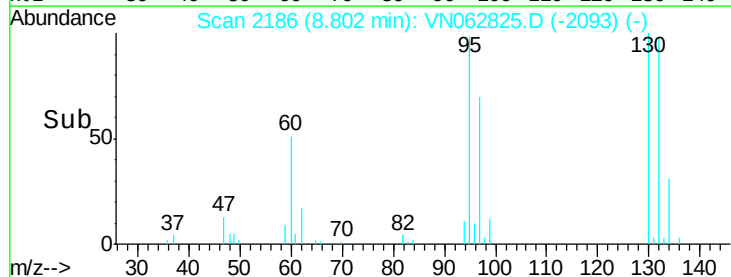
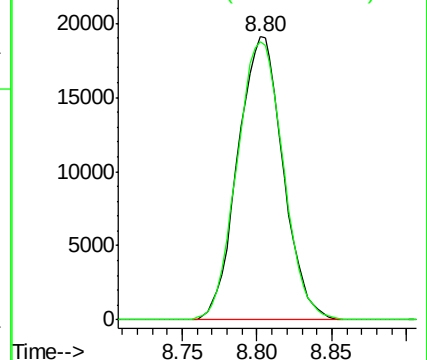
130 100

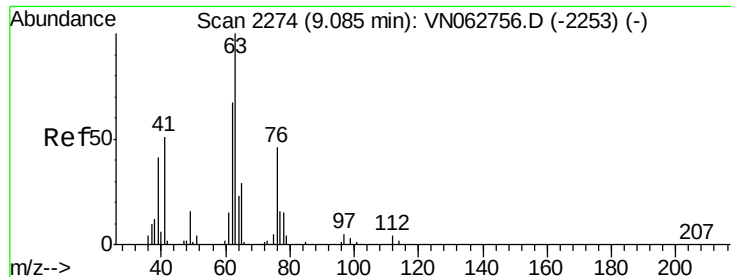
95 98.2 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.379 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

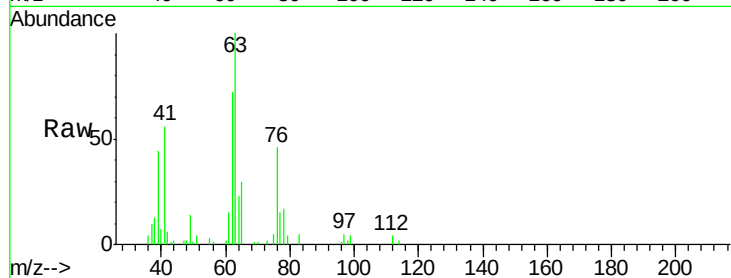
VN0811WBSD01

Tot Ion: 63 Resp: 45775

Ion Ratio Lower Upper

63 100

65 30.5 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.09

20000

15000

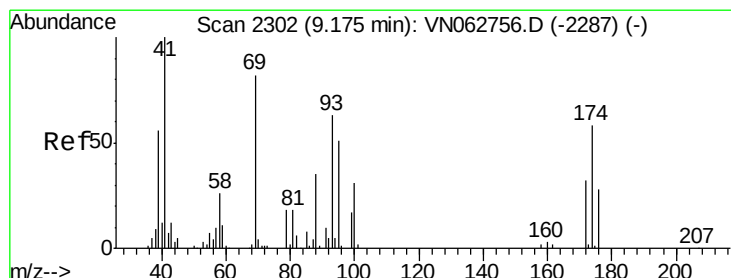
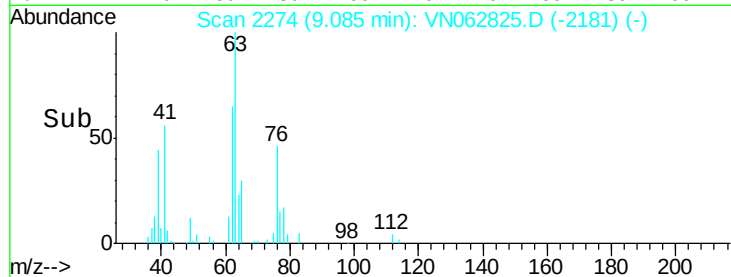
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.268 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

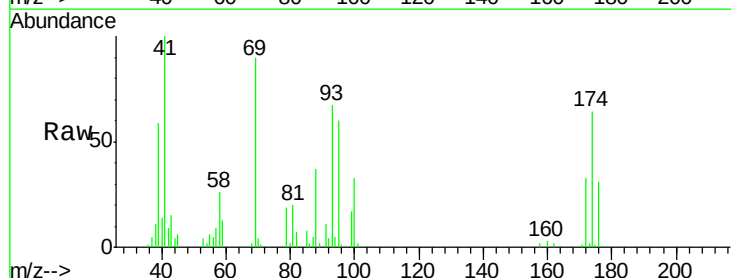
Tgt Ion: 93 Resp: 29812

Ion Ratio Lower Upper

93 100

95 85.1 65.1 97.7

174 95.6 73.9 110.9



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

15000

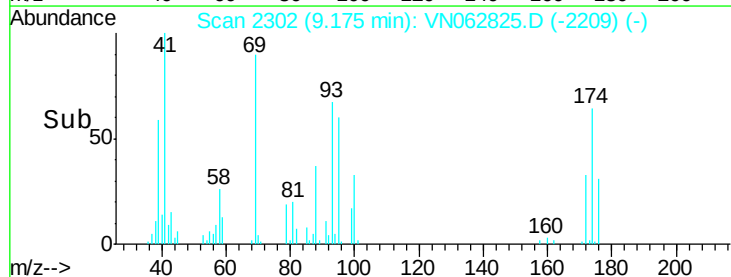
10000

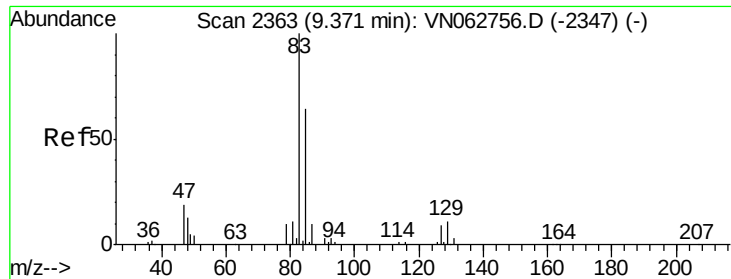
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 18.690 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

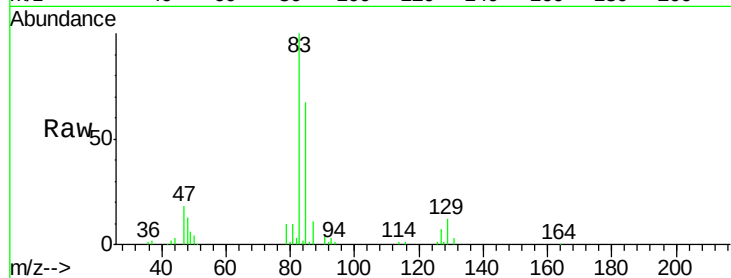
Tot Ion: 83 Resp: 68501

Ion Ratio Lower Upper

83 100

85 67.0 51.4 77.0

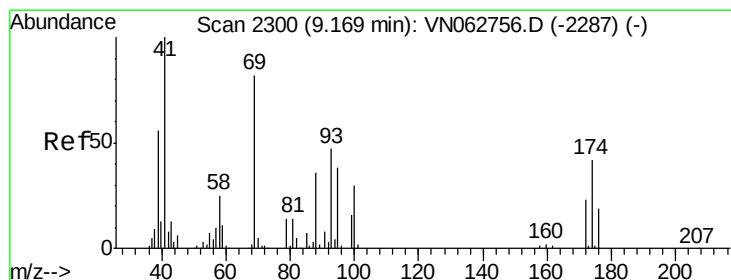
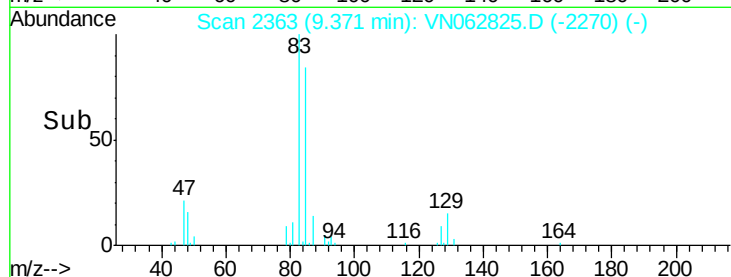
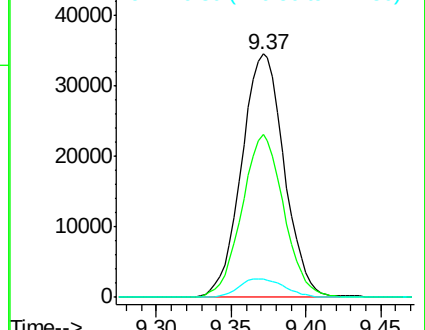
127 7.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.636 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

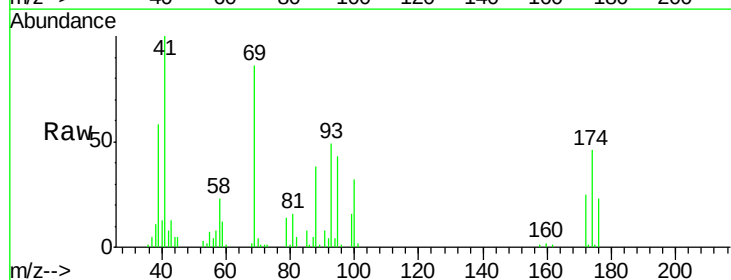
Tgt Ion: 41 Resp: 46611

Ion Ratio Lower Upper

41 100

69 90.0 67.4 101.2

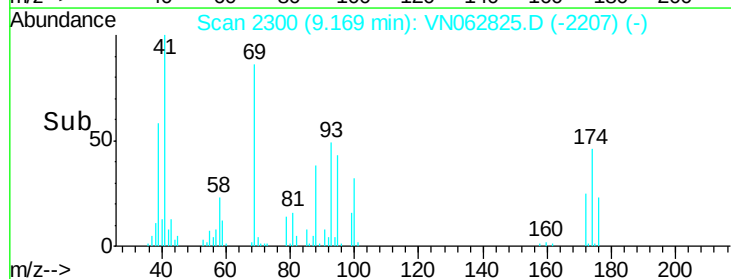
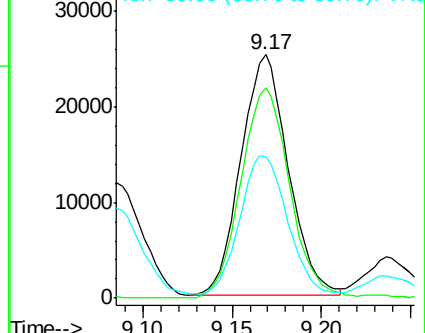
39 60.1 47.6 71.4

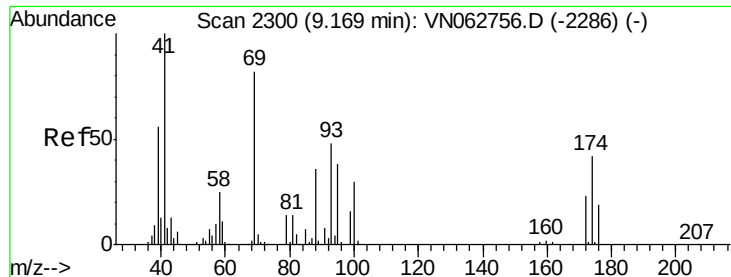


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

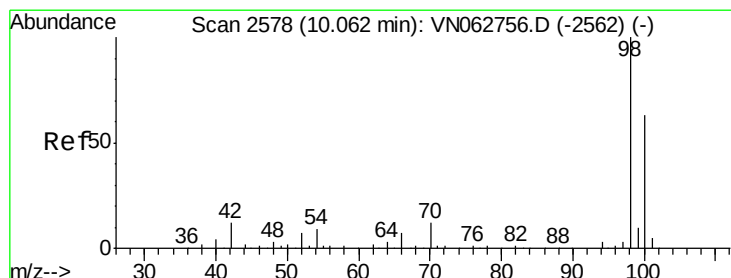
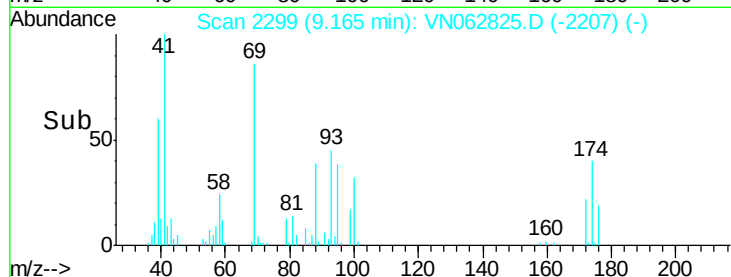
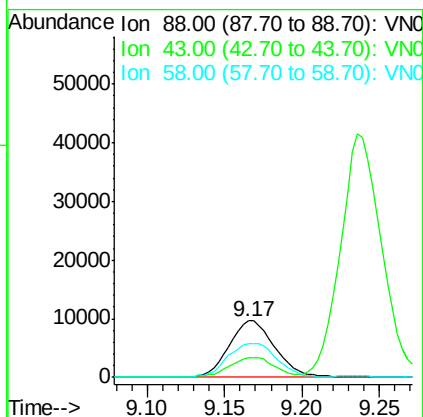
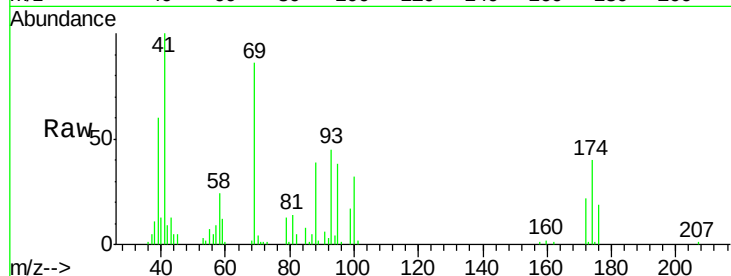




#49
1,4-Dioxane
Concen: 404.073 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

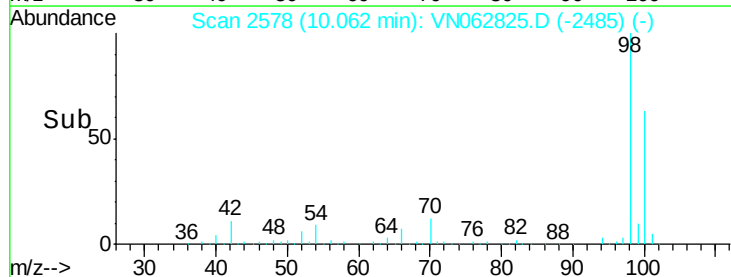
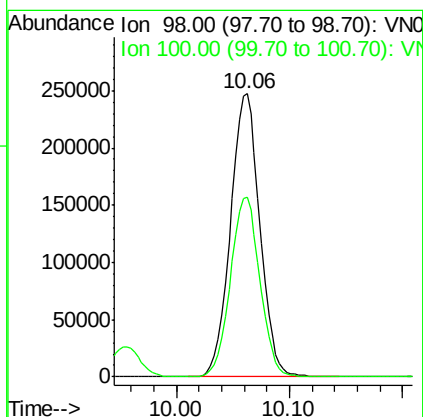
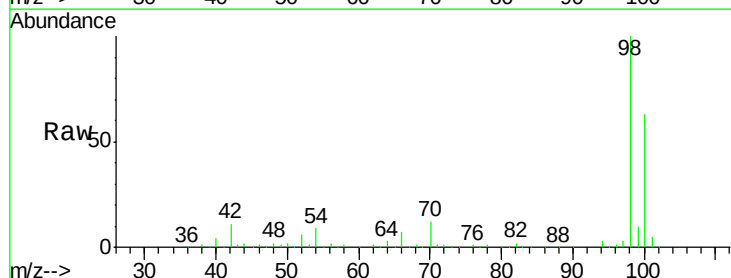
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

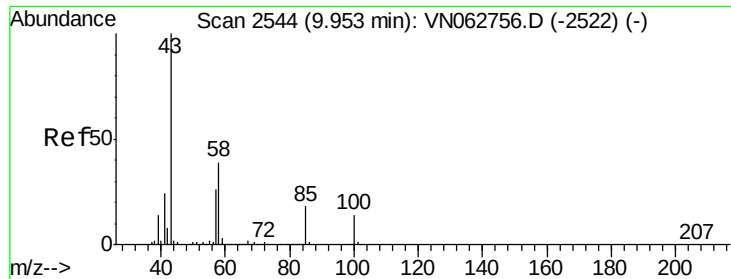
Tot Ion: 88 Resp: 19788
Ion Ratio Lower Upper
88 100
43 35.1 29.5 44.3
58 64.8 59.8 89.8



#50
Toluene-d8
Concen: 52.810 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion: 98 Resp: 446678
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

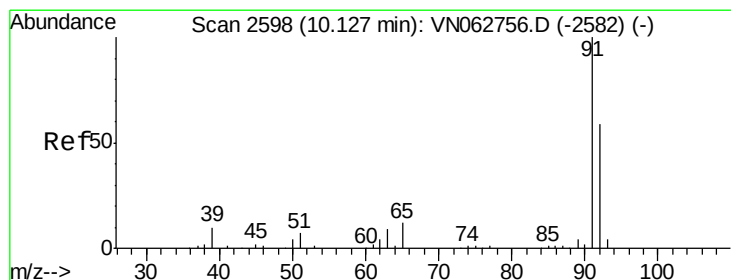
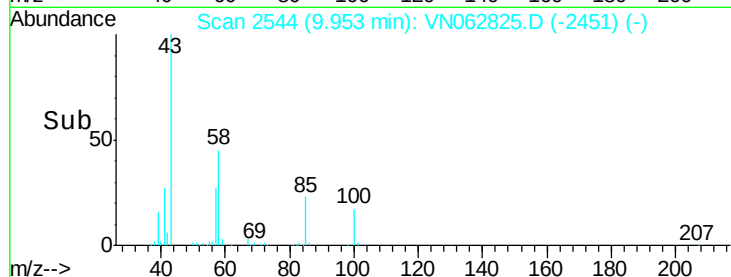
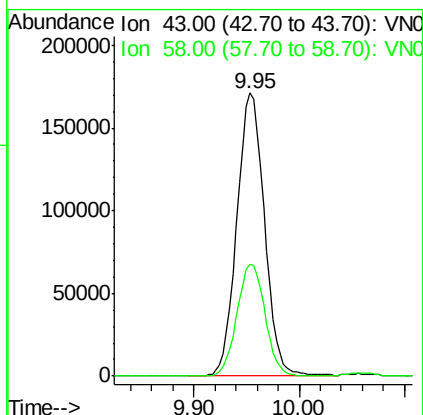
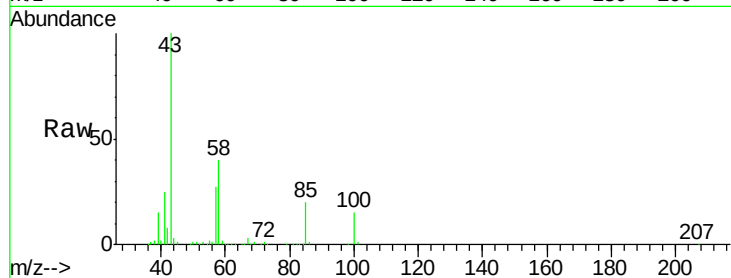




#51
 4-Methyl-2-Pentanone
 Concen: 89.553 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

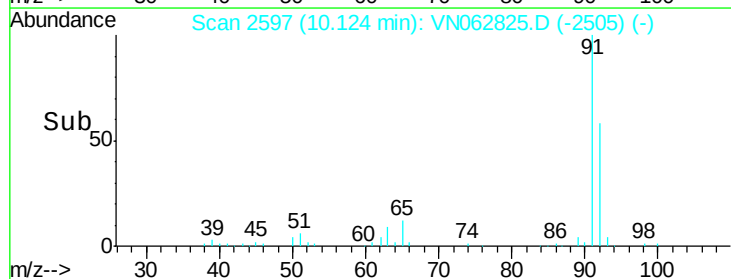
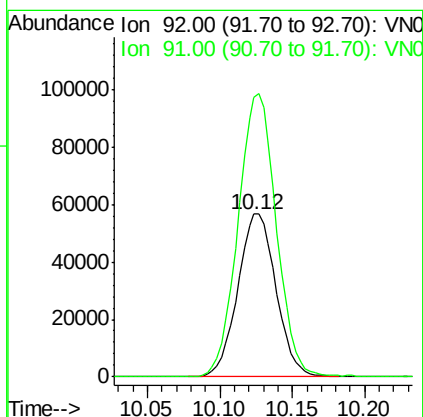
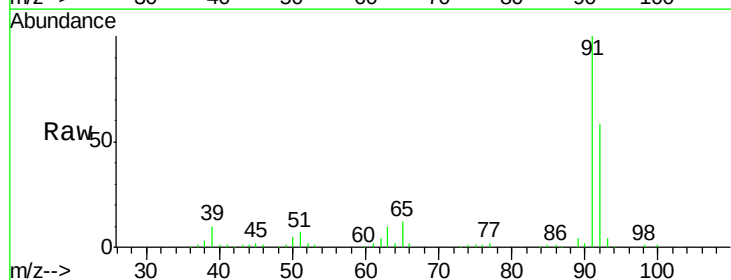
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

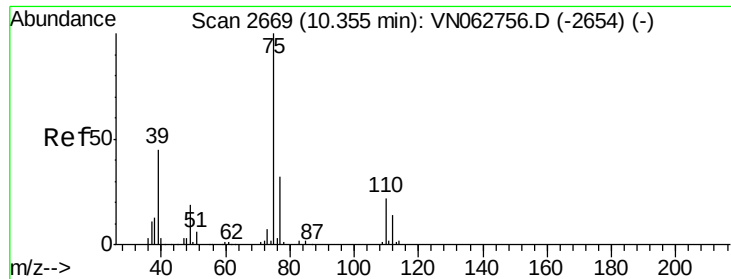
Tot Ion: 43 Resp: 311334
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.1 46.7



#52
 Toluene
 Concen: 18.262 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion: 92 Resp: 103762
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 18.116 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

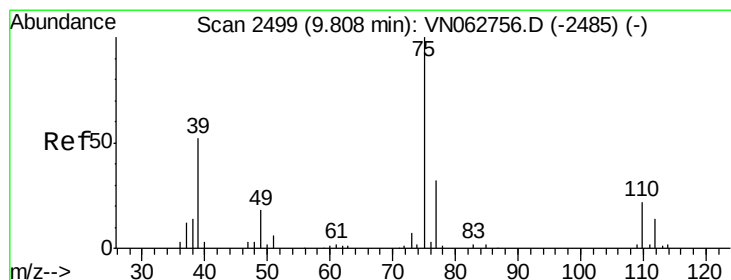
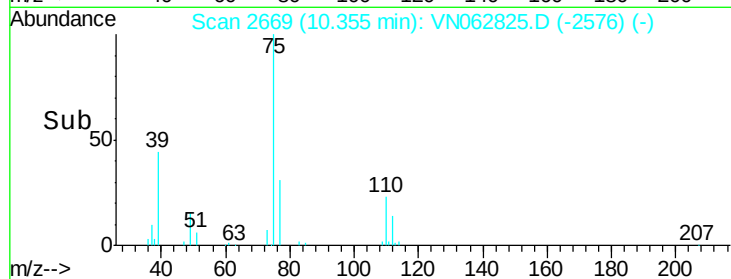
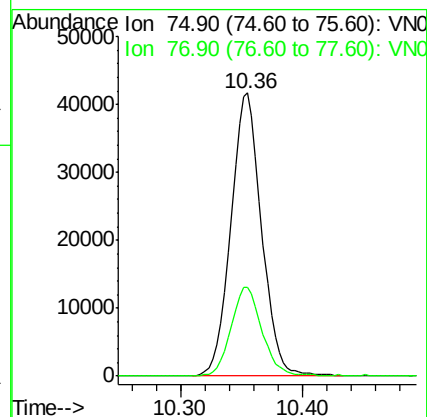
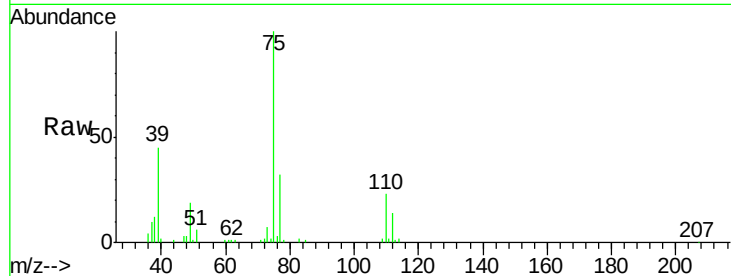
VN0811WBSD01

Tot Ion: 75 Resp: 73035

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.192 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

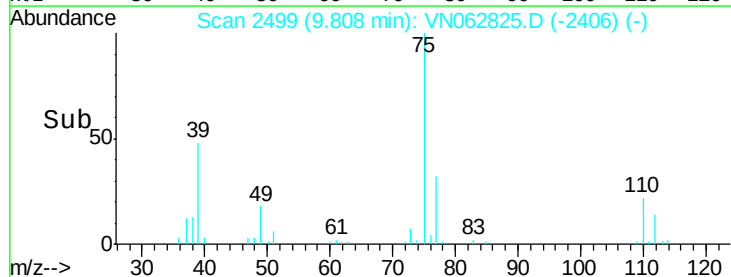
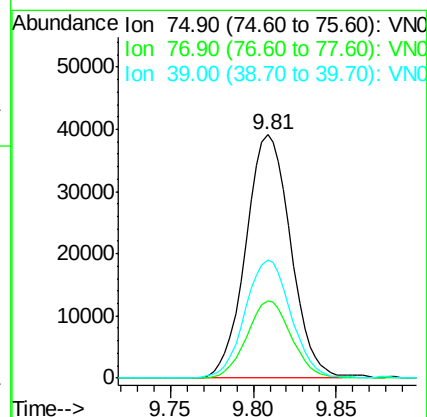
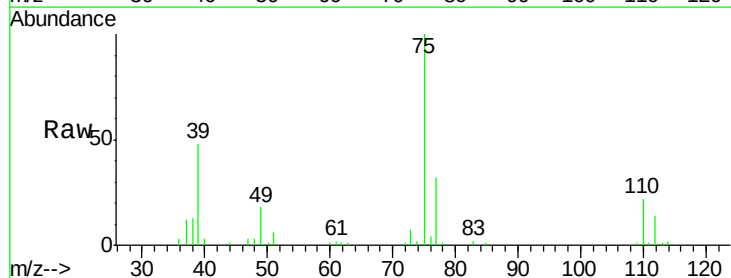
Tgt Ion: 75 Resp: 73636

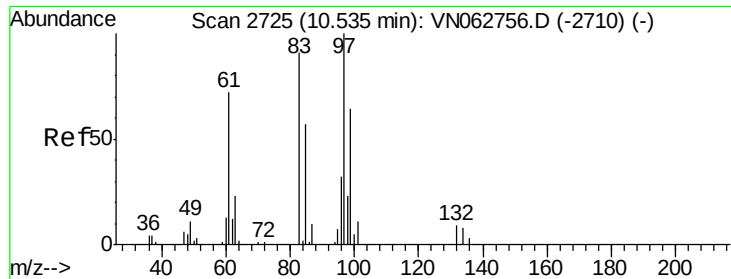
Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 48.4 41.9 62.9

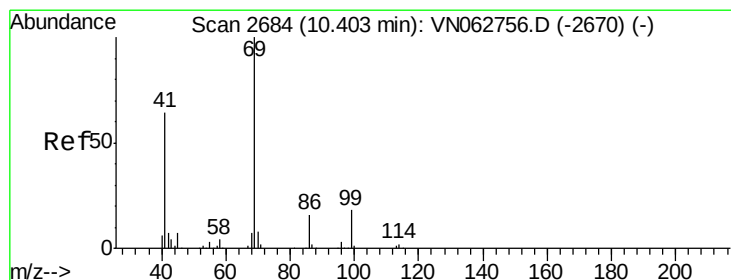
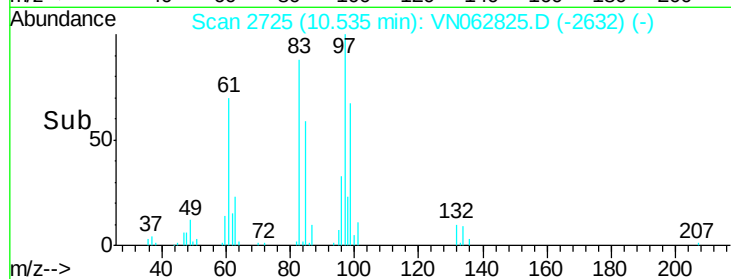
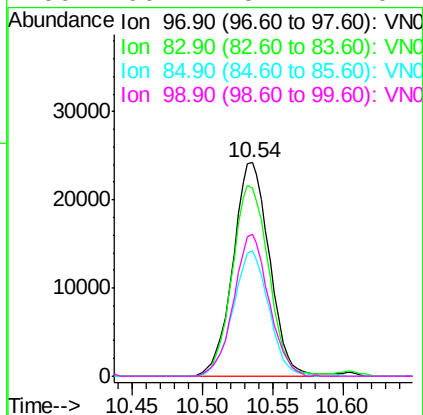
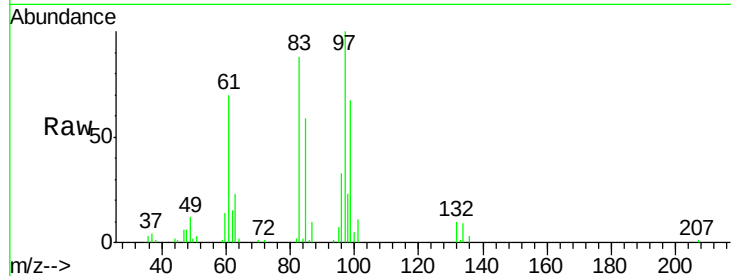




#55
 1,1,2-Trichloroethane
 Concen: 18.183 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

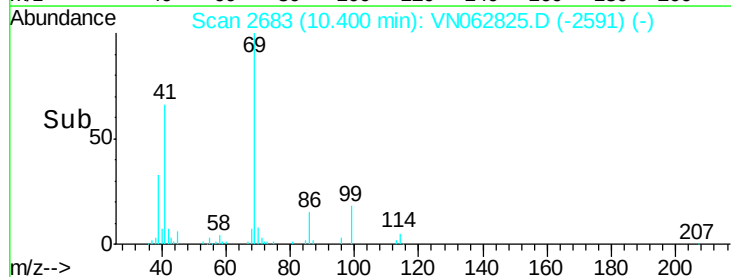
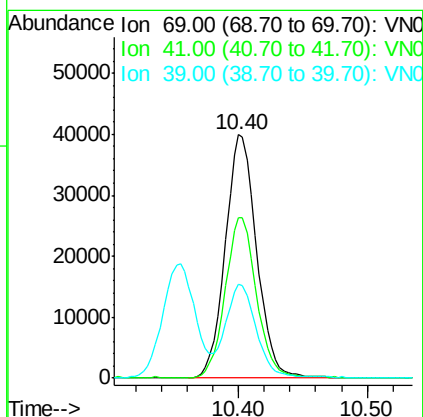
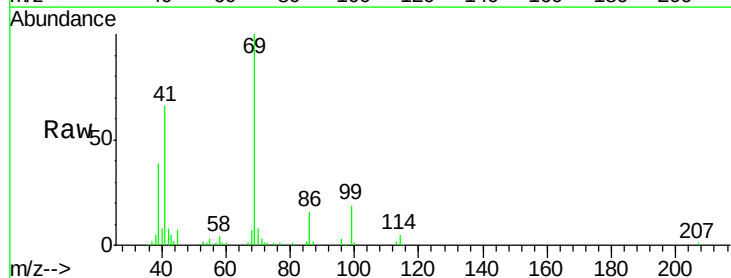
Instrument :
 MSVOA_N
 ClientSampled :
 VN0811WBSD01

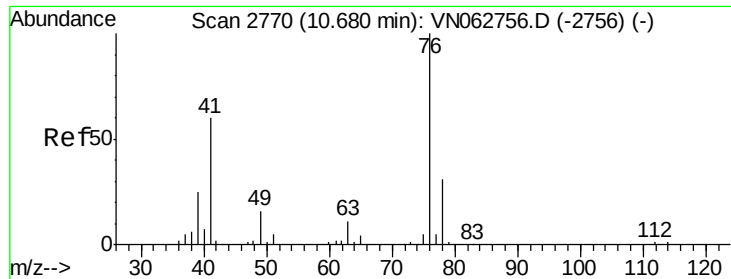
Tot Ion: 97 Resp: 44124
 Ion Ratio Lower Upper
 97 100
 83 88.0 72.6 108.8
 85 58.5 46.0 69.0
 99 66.7 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 18.419 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion: 69 Resp: 67277
 Ion Ratio Lower Upper
 69 100
 41 65.9 52.2 78.2
 39 37.8 30.9 46.3

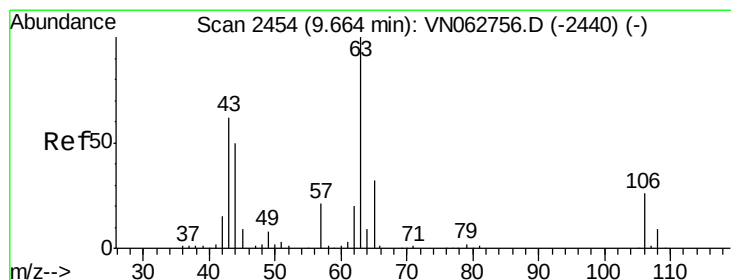
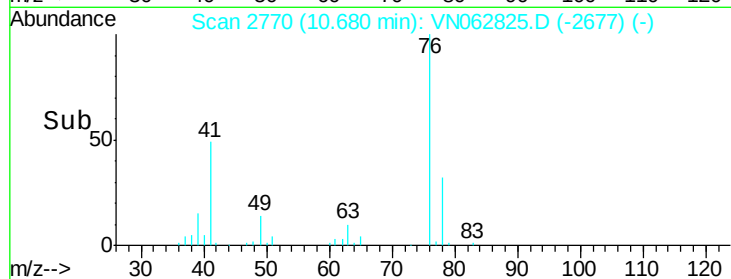
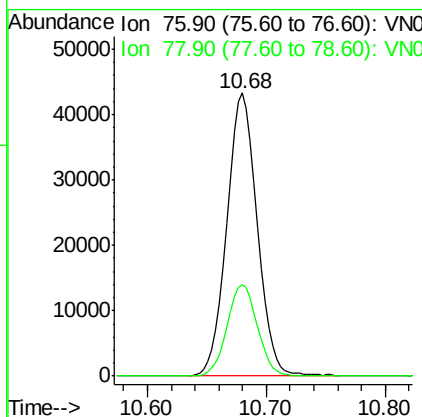
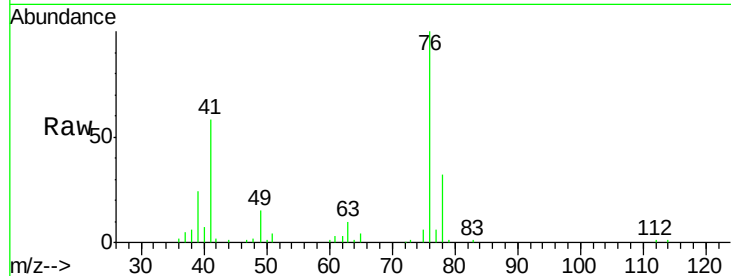




#57
 1,3-Dichloropropane
 Concen: 18.607 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

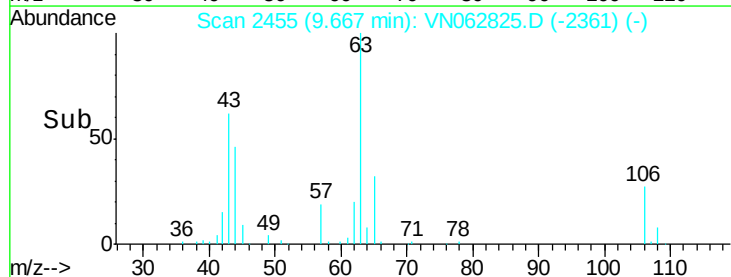
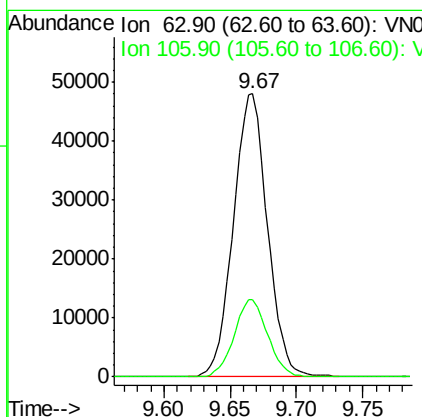
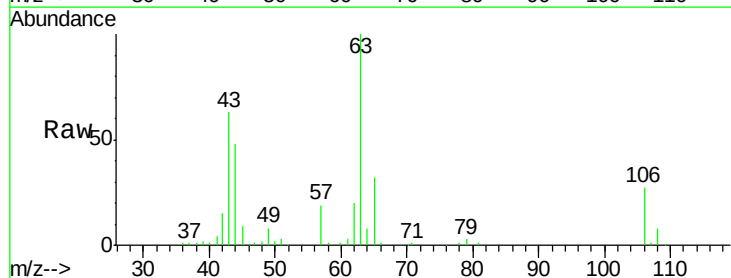
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

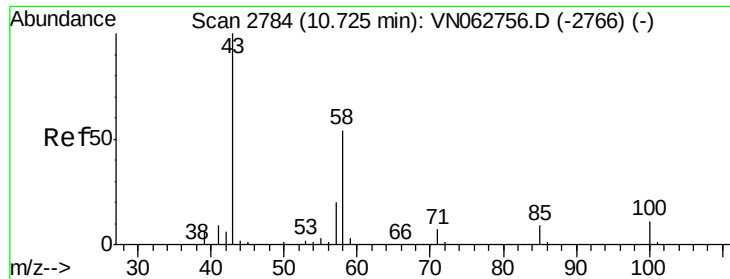
Tot Ion: 76 Resp: 76721
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.984 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion: 63 Resp: 85677
 Ion Ratio Lower Upper
 63 100
 106 26.8 20.9 31.3

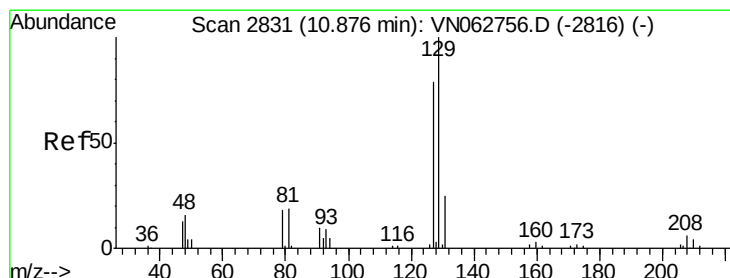
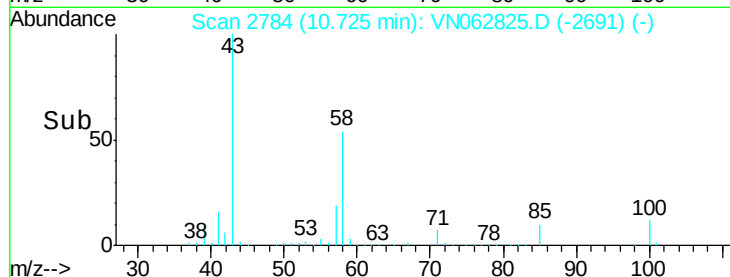
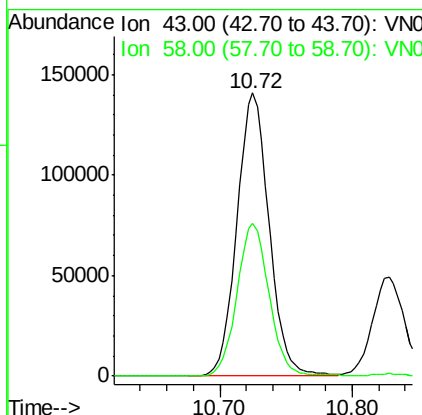
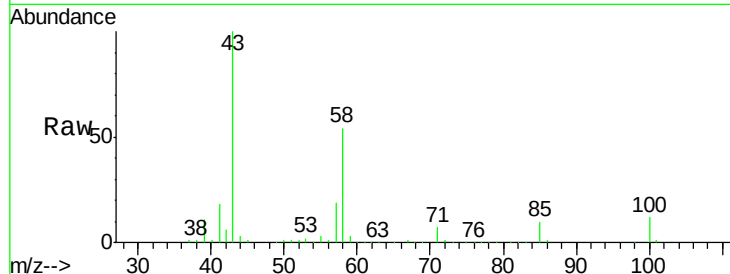




#59
2-Hexanone
Concen: 91.485 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

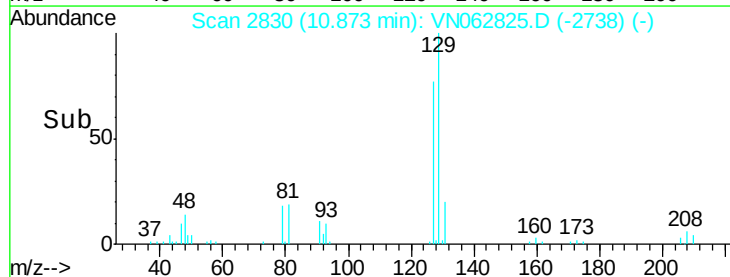
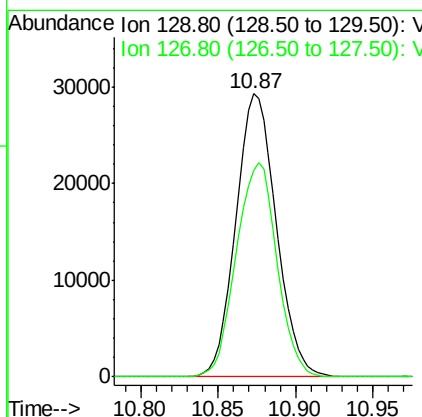
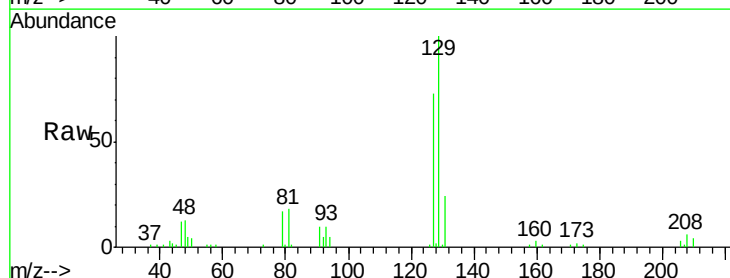
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

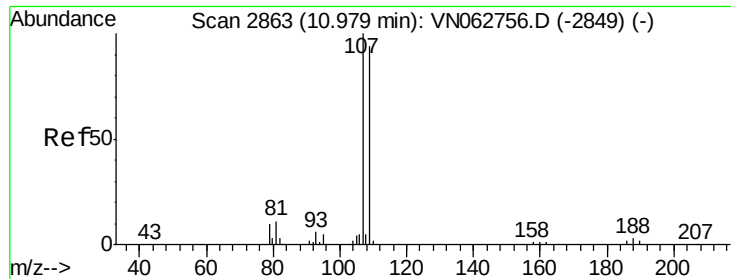
Tot Ion: 43 Resp: 237248
Ion Ratio Lower Upper
43 100
58 53.5 26.7 80.1



#60
Dibromochloromethane
Concen: 19.188 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion: 129 Resp: 53136
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2

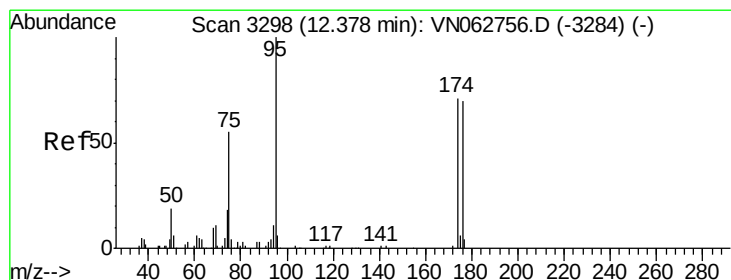
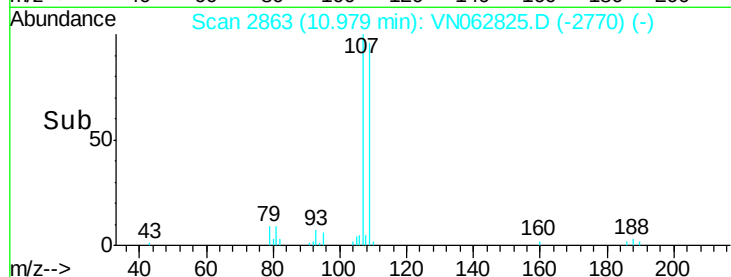
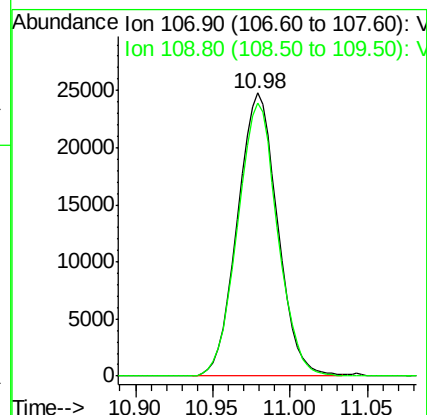
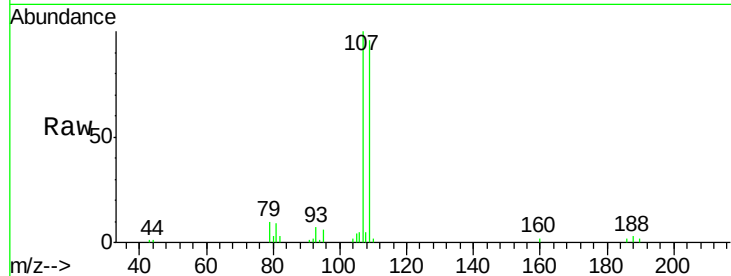




#61
 1,2-Dibromoethane
 Concen: 18.617 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

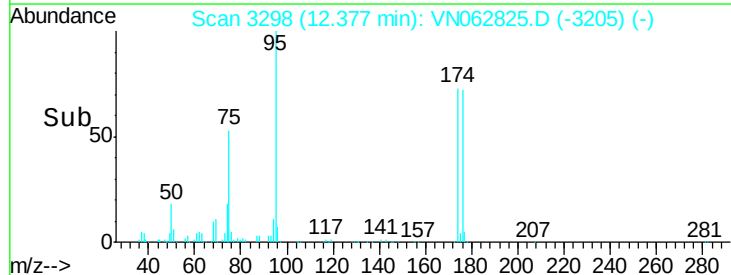
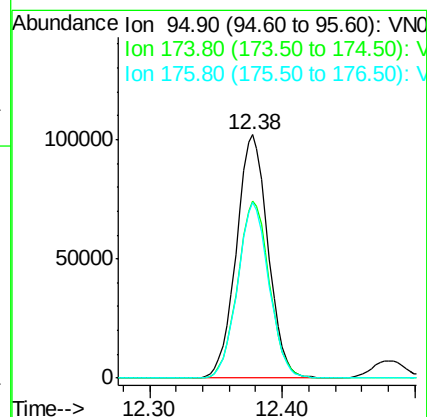
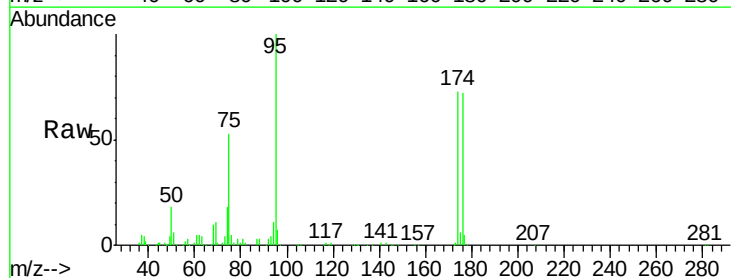
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

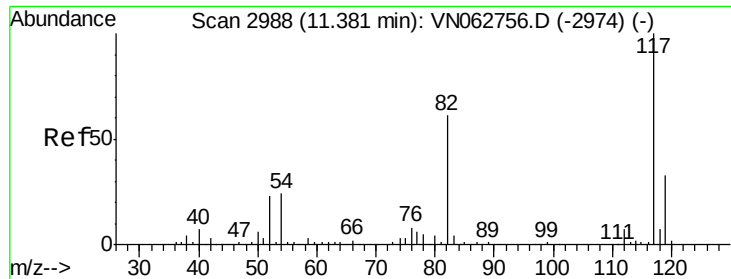
Tot Ion:107 Resp: 44579
 Ion Ratio Lower Upper
 107 100
 109 96.3 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 53.022 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion: 95 Resp: 169477
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 144.8
 176 71.3 0.0 142.2

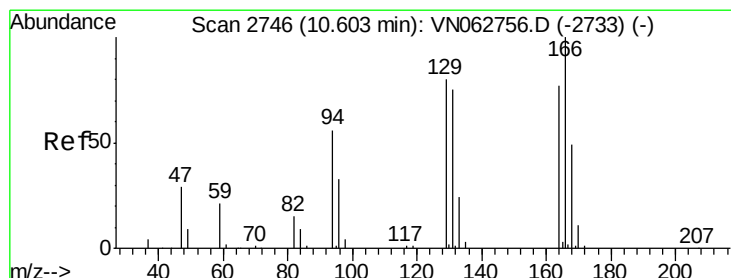
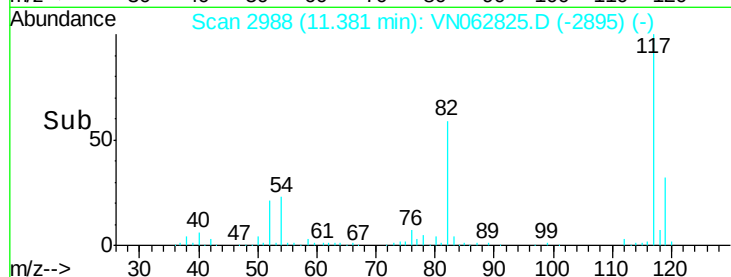
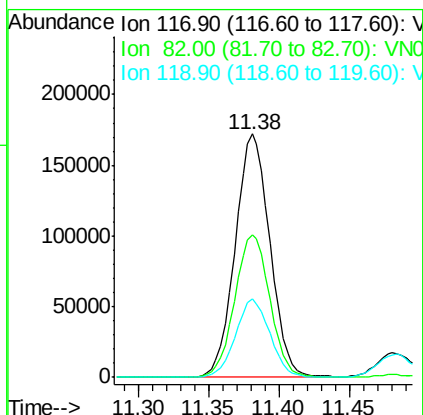
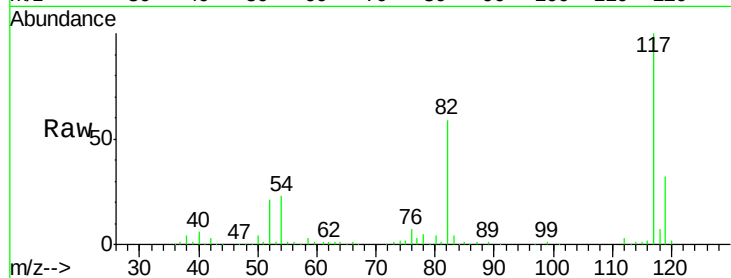




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

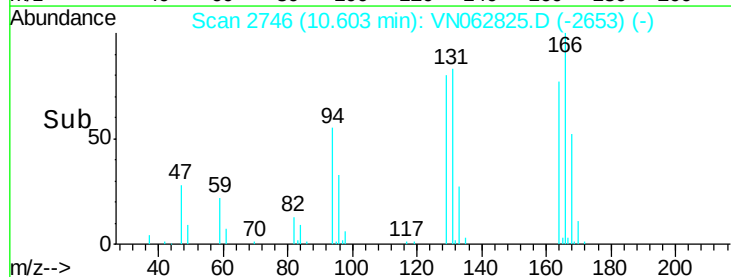
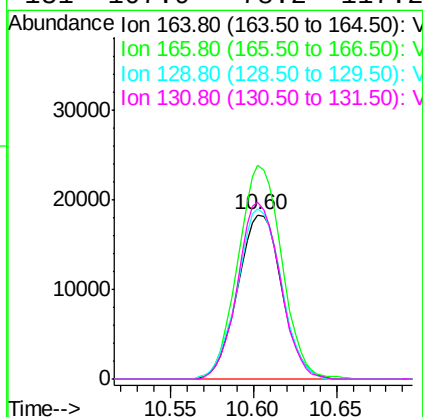
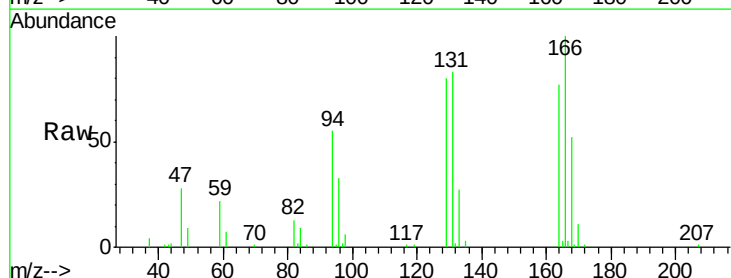
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

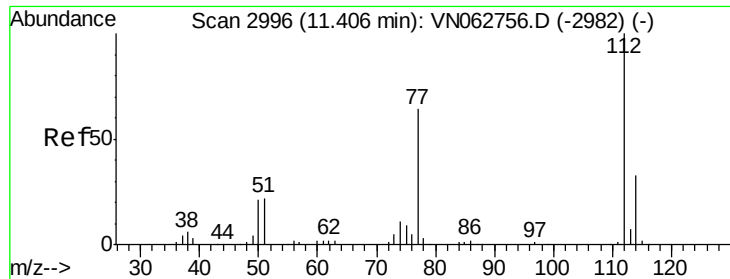
Tot Ion:117 Resp: 296717
Ion Ratio Lower Upper
117 100
82 58.8 49.0 73.4
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 17.726 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion:164 Resp: 33935
Ion Ratio Lower Upper
164 100
166 130.3 103.8 155.8
129 104.2 82.7 124.1
131 107.9 78.2 117.2

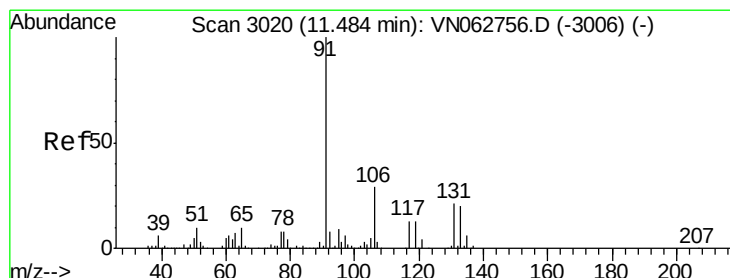
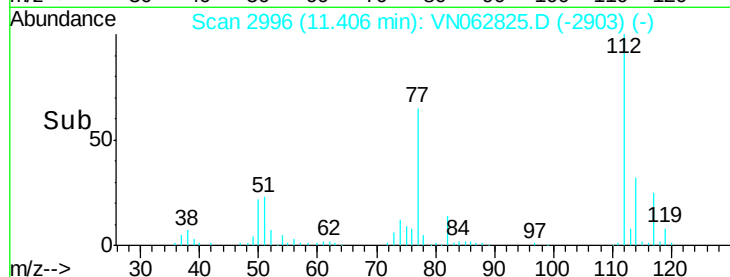
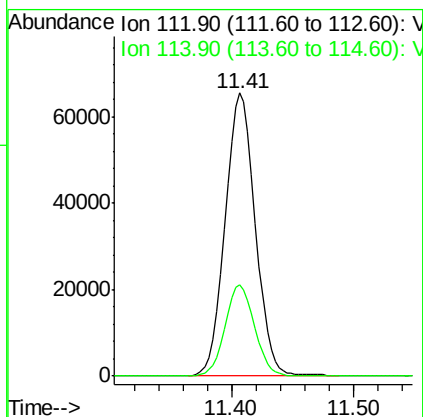
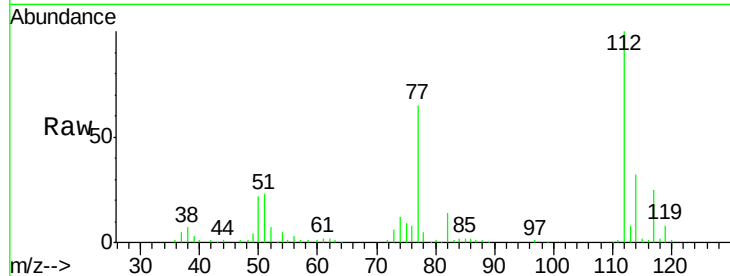




#65
Chlorobenzene
Concen: 18.266 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

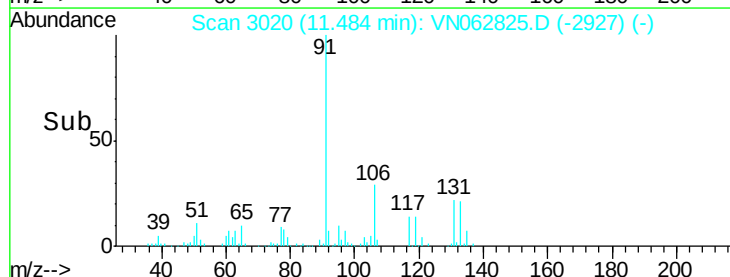
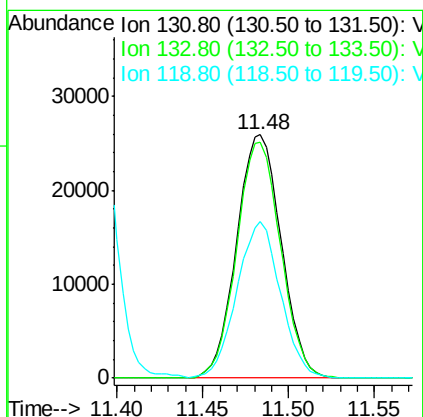
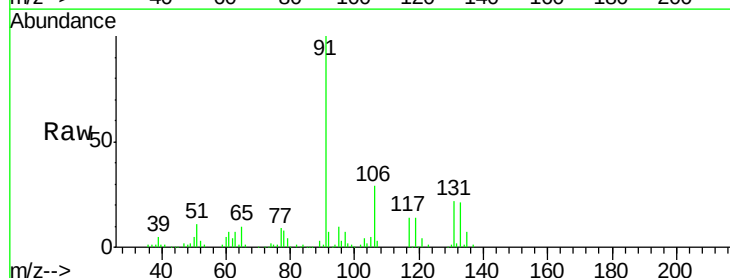
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

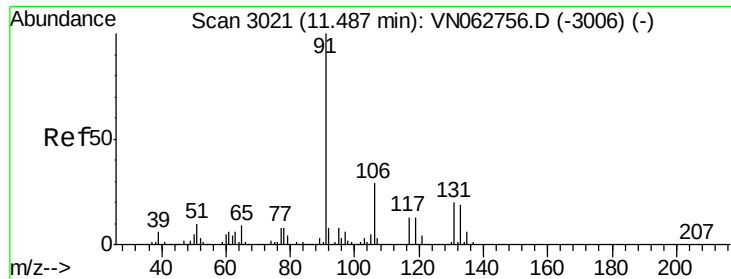
Tot Ion:112 Resp: 113296
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.684 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion:131 Resp: 46538
Ion Ratio Lower Upper
131 100
133 95.8 48.6 145.8
119 62.8 32.2 96.6





#67

Ethyl Benzene

Concen: 18.519 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

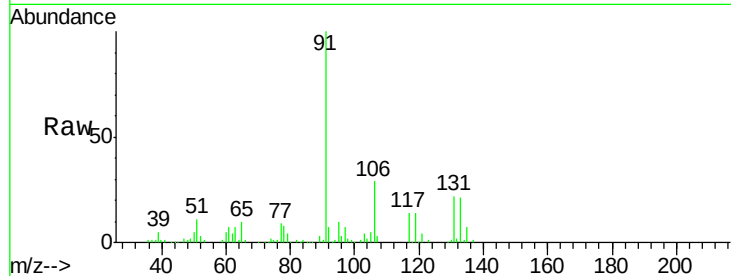
VN0811WBSD01

Tot Ion: 91 Resp: 205549

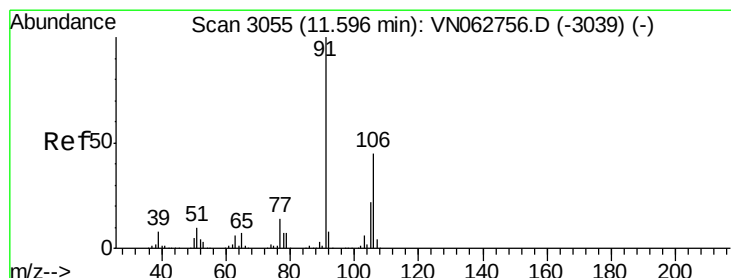
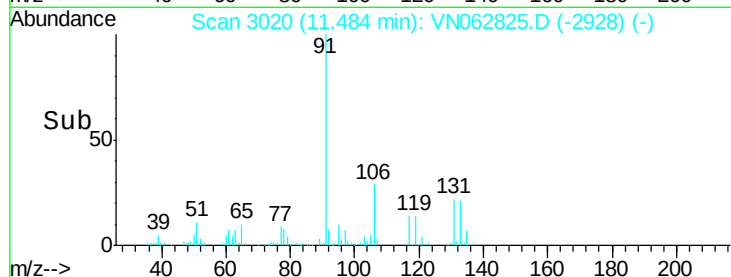
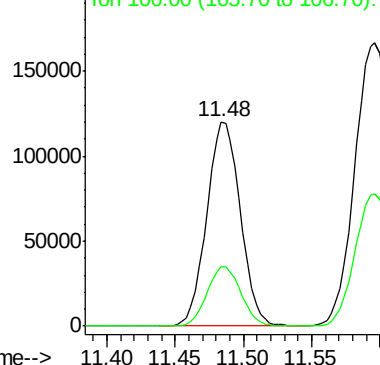
Ion Ratio Lower Upper

91 100

106 29.0 23.2 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3006) (-)



#68

m/p-Xylenes

Concen: 37.799 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062825.D

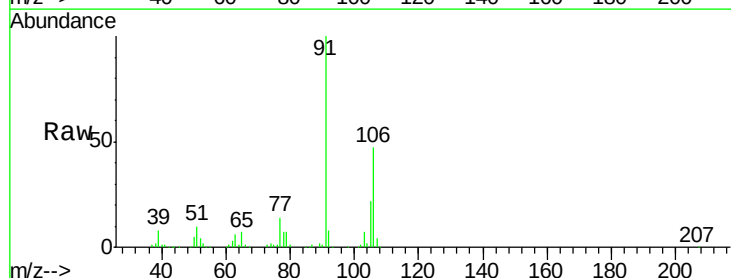
Acq: 11 Aug 2020 13:04

Tgt Ion: 106 Resp: 152296

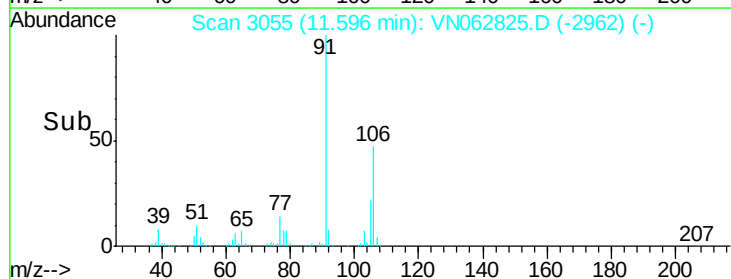
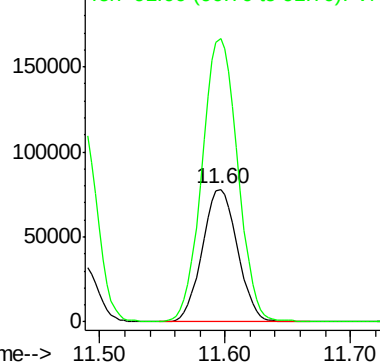
Ion Ratio Lower Upper

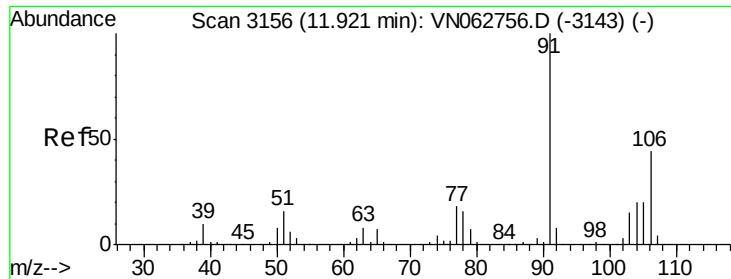
106 100

91 215.8 175.9 263.9



Abundance Ion 106.00 (105.70 to 106.70): VN062756.D (-3039) (-)

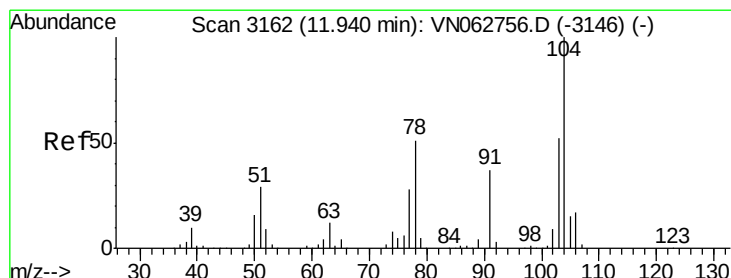
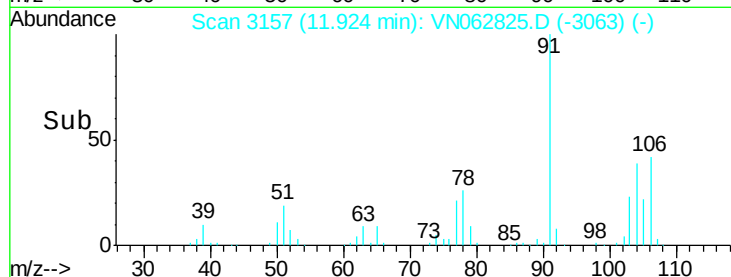
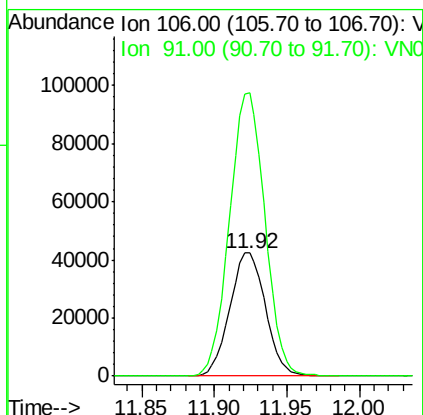
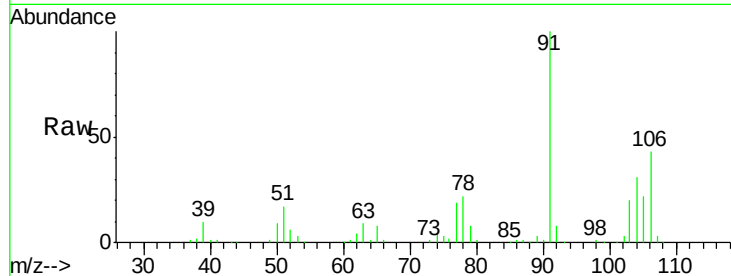




#69
o-Xylene
Concen: 19.209 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

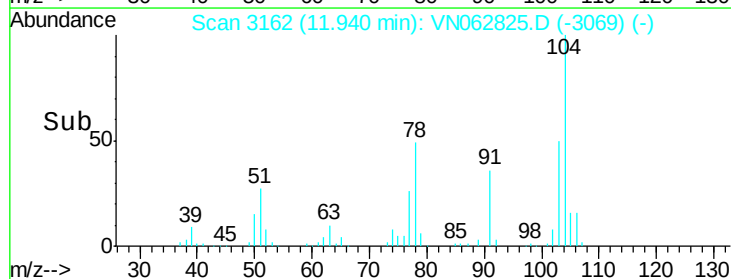
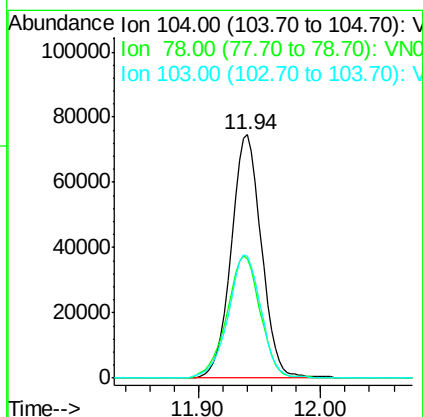
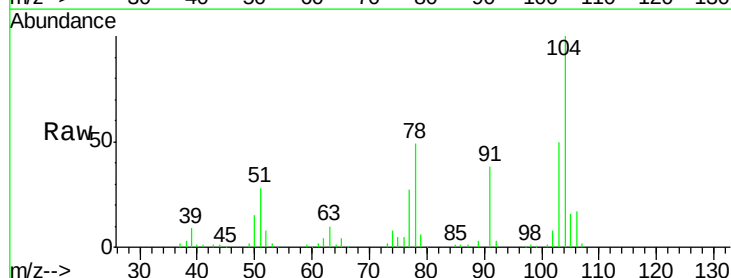
Instrument :
MSVOA_N
ClientSampled :
VN0811WBSD01

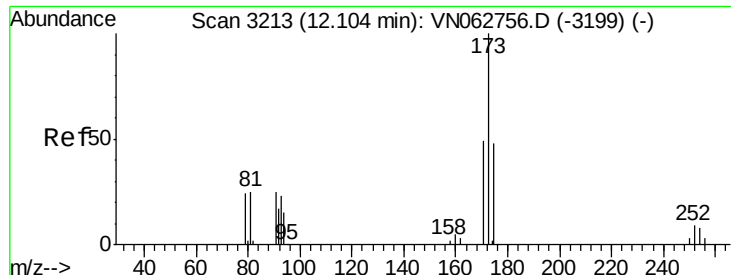
Tot Ion:106 Resp: 72527
Ion Ratio Lower Upper
106 100
91 227.9 115.8 347.4



#70
Styrene
Concen: 19.430 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion:104 Resp: 128957
Ion Ratio Lower Upper
104 100
78 55.7 45.9 68.9
103 54.9 45.1 67.7





#71

Bromoform

Concen: 18.055 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

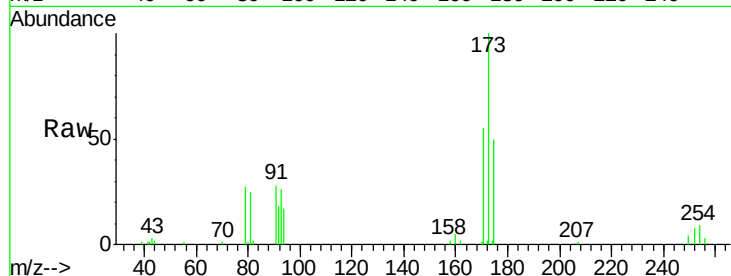
Tot Ion:173 Resp: 36795

Ion Ratio Lower Upper

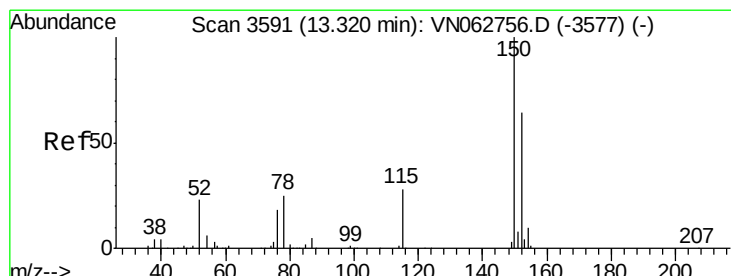
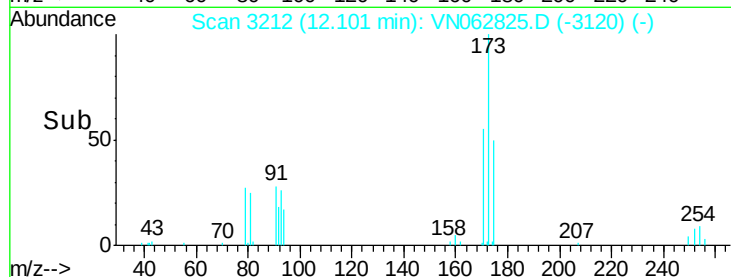
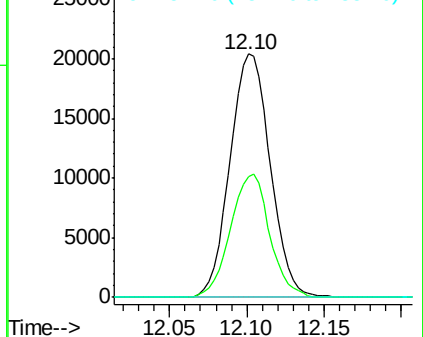
173 100

175 49.2 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

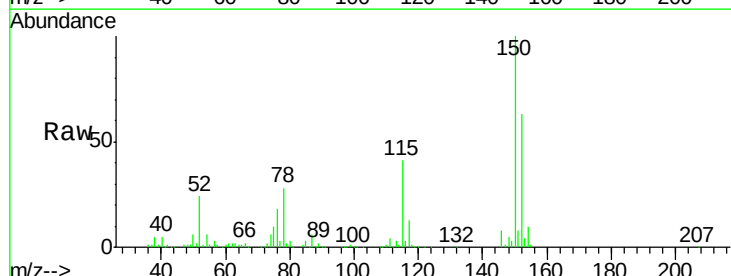
Tgt Ion:152 Resp: 141059

Ion Ratio Lower Upper

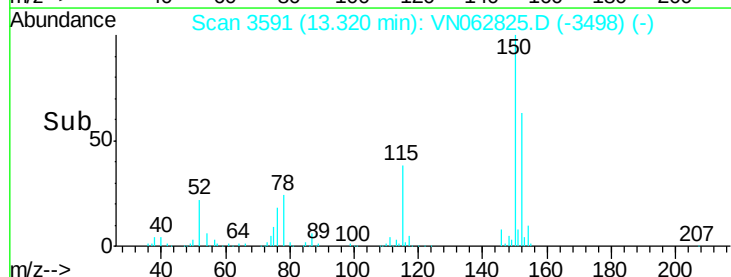
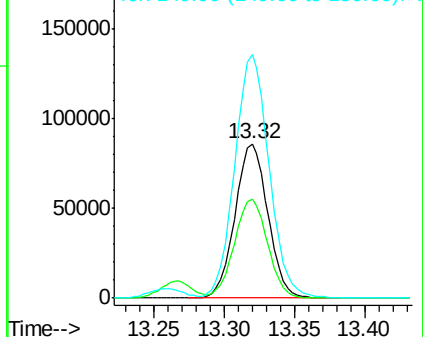
152 100

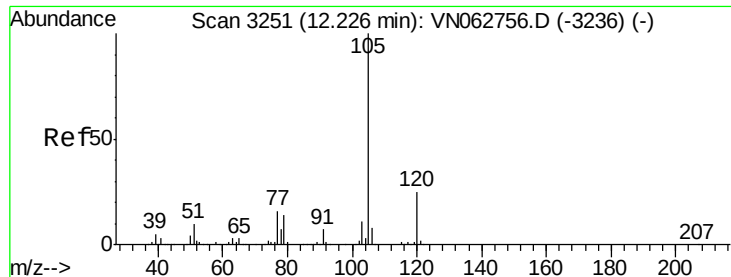
115 64.6 31.6 94.8

150 163.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.166 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

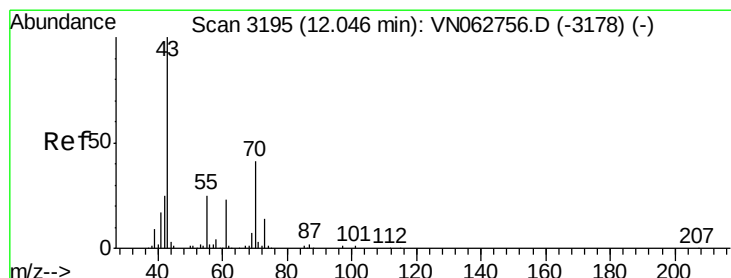
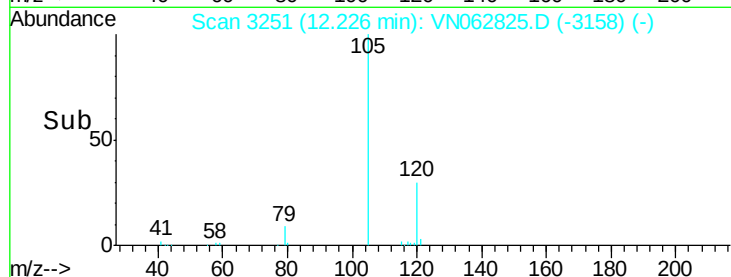
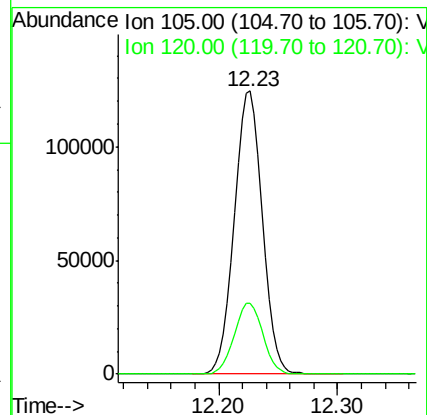
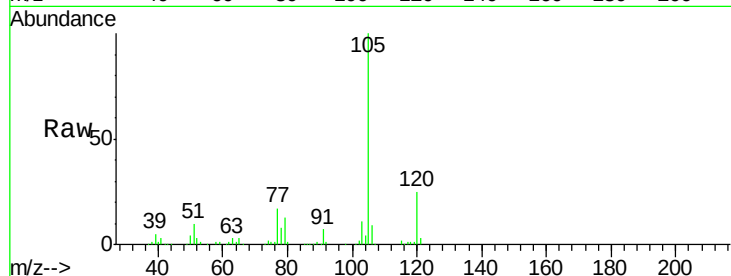
VN0811WBSD01

Tot Ion:105 Resp: 203579

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 18.856 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Tgt Ion: 43 Resp: 81165

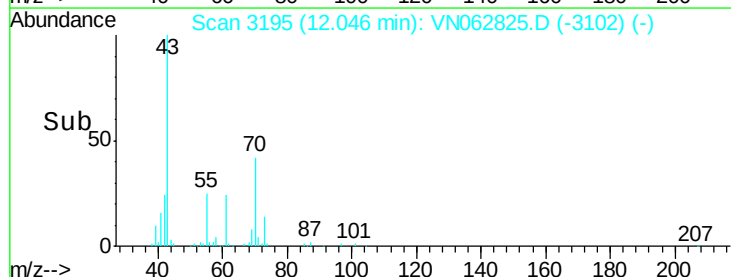
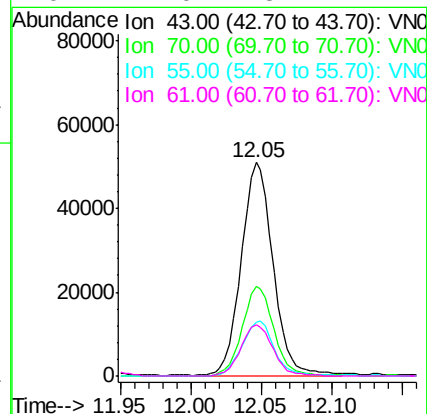
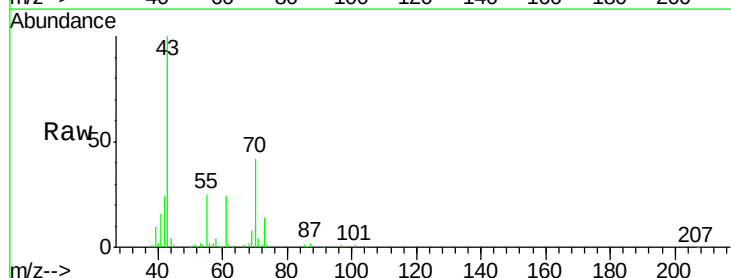
Ion Ratio Lower Upper

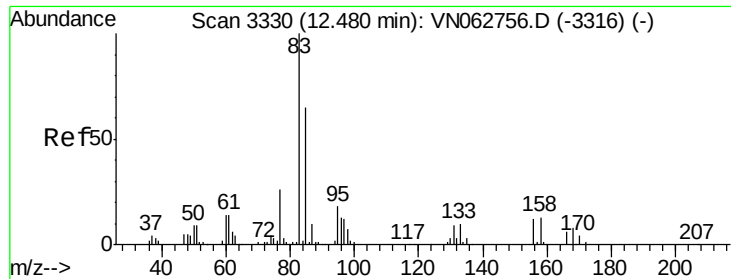
43 100

70 41.6 32.3 48.5

55 26.0 20.2 30.2

61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.603 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

VN0811WBSD01

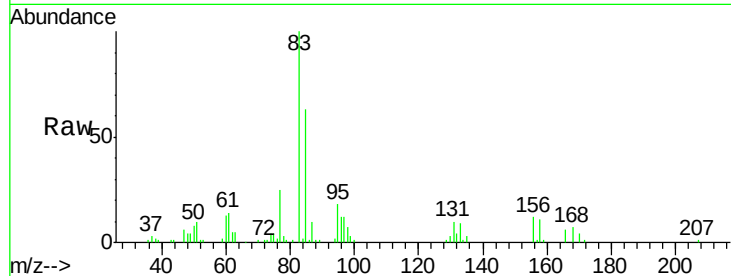
Tot Ion: 83 Resp: 69558

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

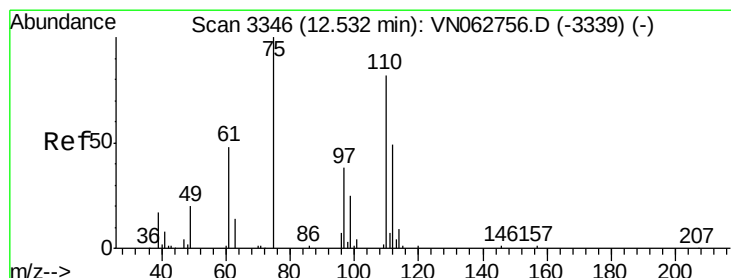
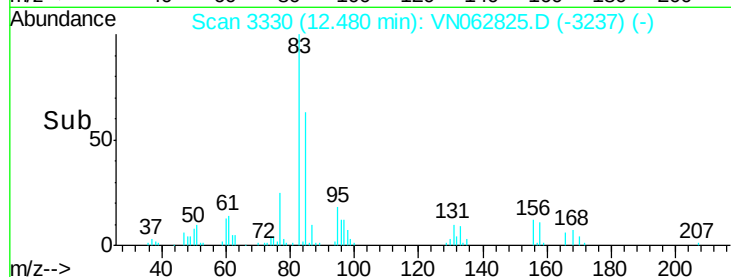
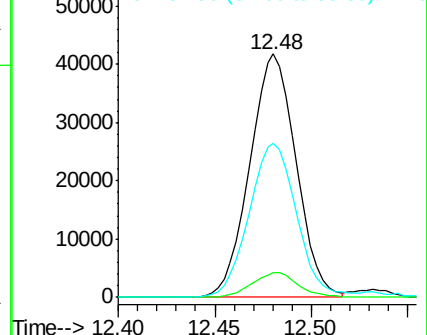
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 19.829 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062825.D

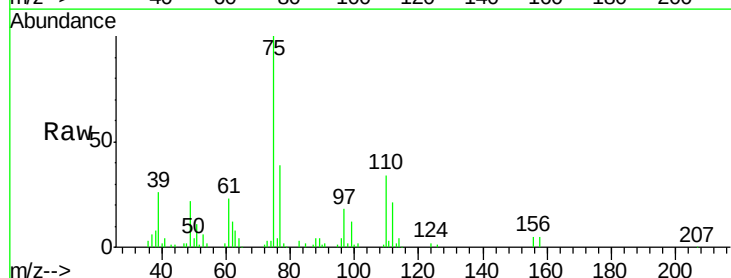
Acq: 11 Aug 2020 13:04

Tgt Ion: 75 Resp: 75432

Ion Ratio Lower Upper

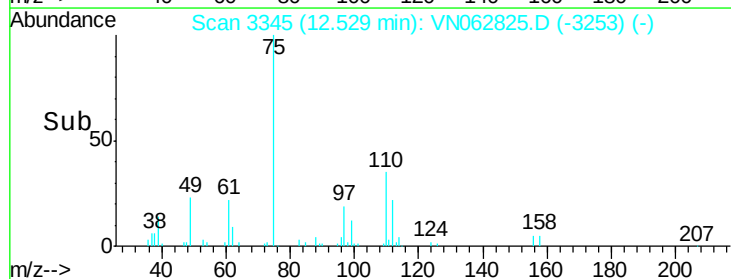
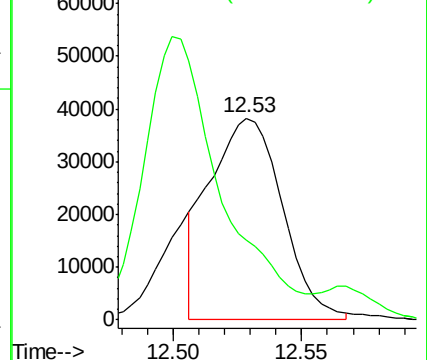
75 100

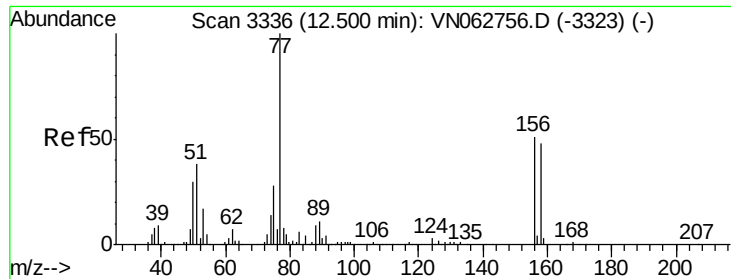
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.742 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

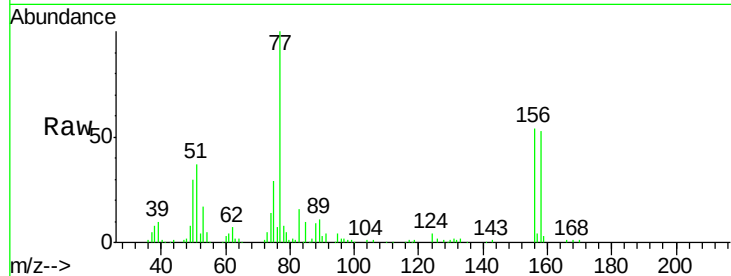
Tot Ion:156 Resp: 49463

Ion Ratio Lower Upper

156 100

77 228.6 119.7 359.1

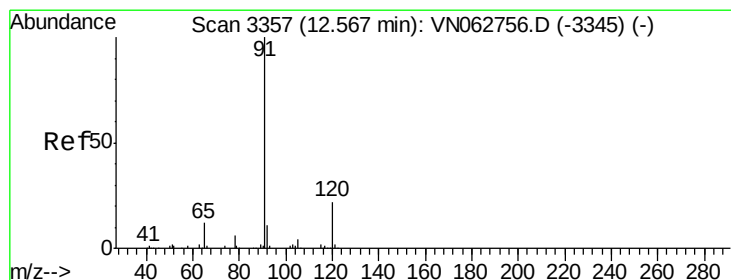
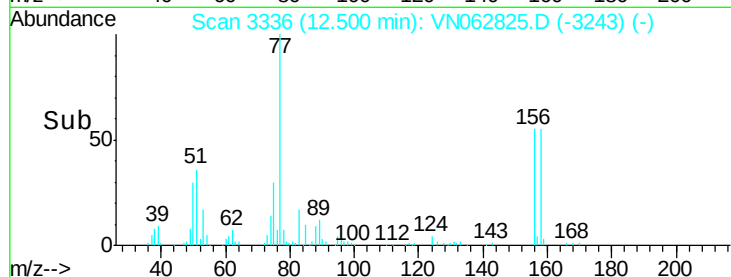
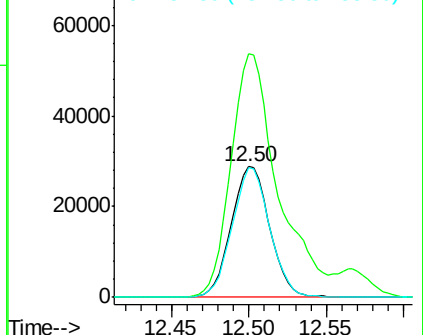
158 97.4 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.728 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062825.D

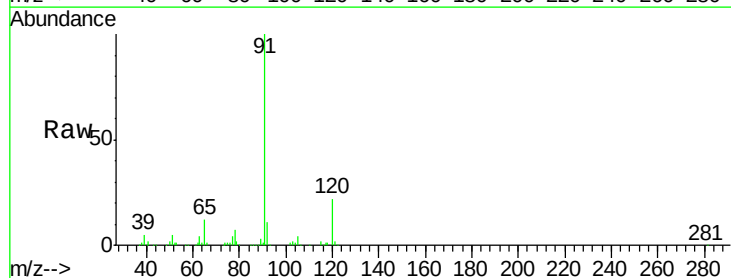
Acq: 11 Aug 2020 13:04

Tgt Ion: 91 Resp: 233500

Ion Ratio Lower Upper

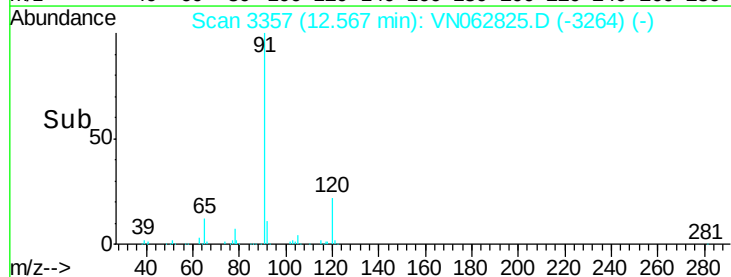
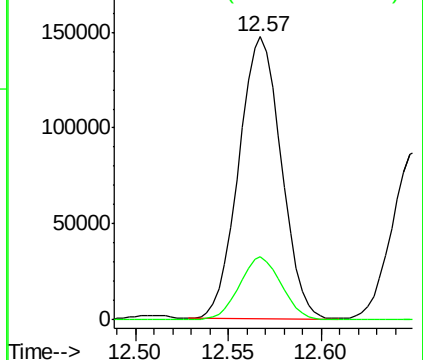
91 100

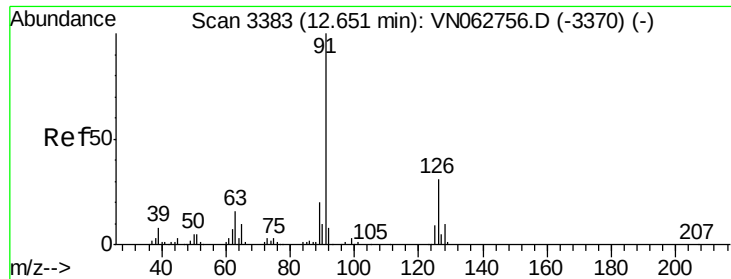
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.472 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

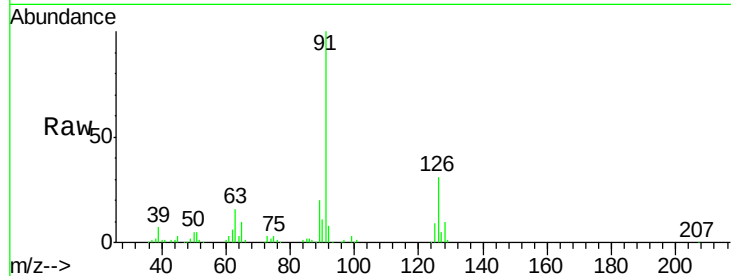
VN0811WBSD01

Tot Ion: 91 Resp: 144430

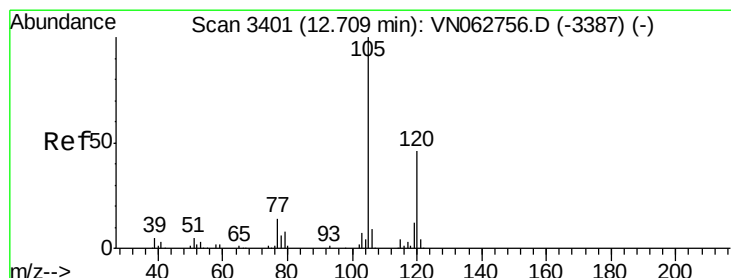
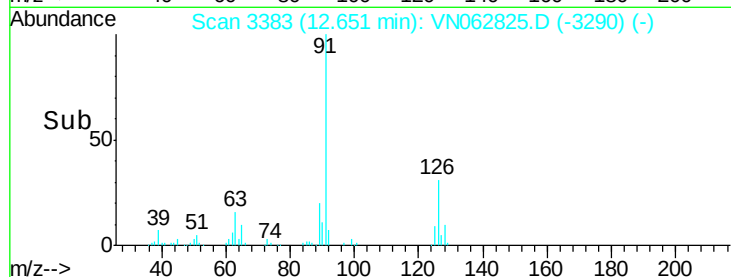
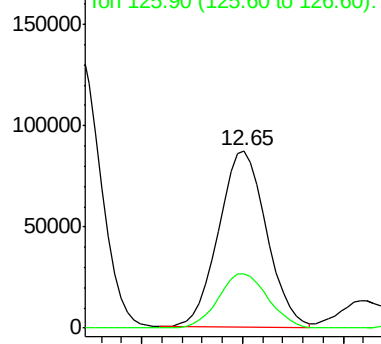
Ion Ratio Lower Upper

91 100

126 32.4 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062825.D (-3290) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.811 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062825.D

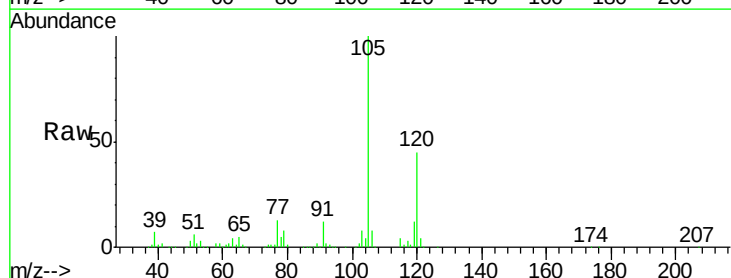
Acq: 11 Aug 2020 13:04

Tgt Ion: 105 Resp: 182556

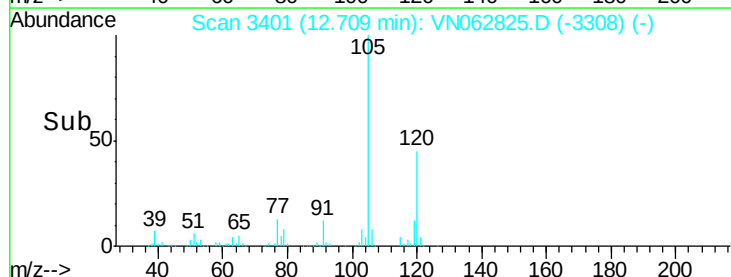
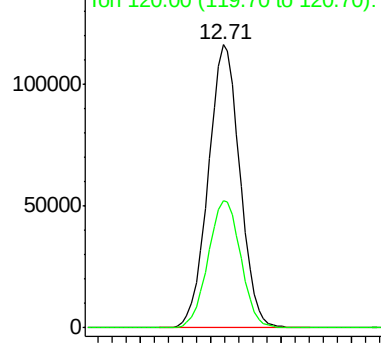
Ion Ratio Lower Upper

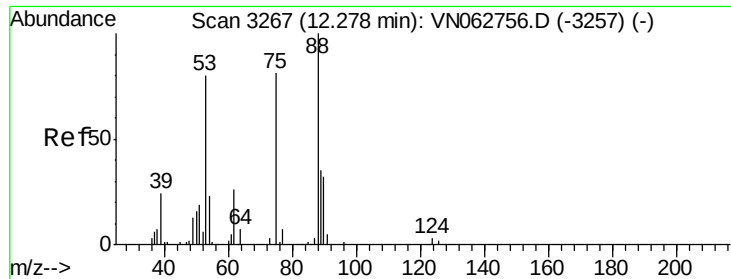
105 100

120 46.5 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062825.D (-3308) (-)

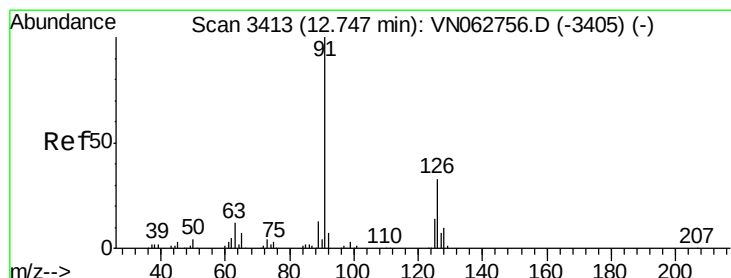
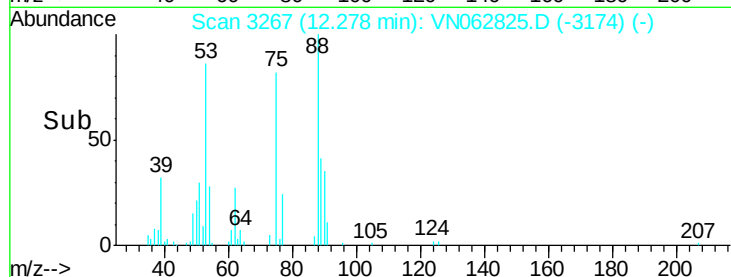
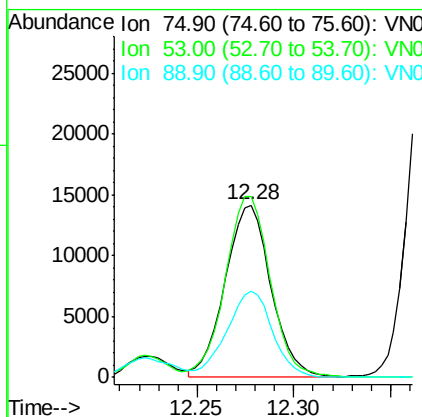
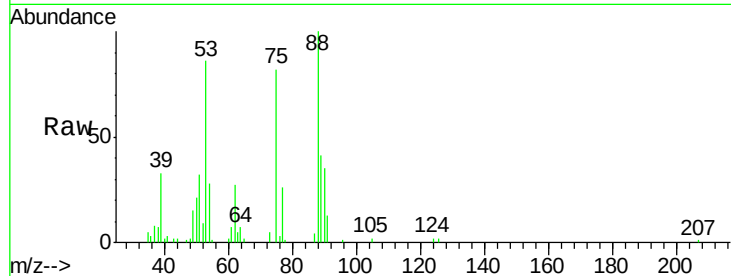




#81
trans-1,4-Dichloro-2-butene
Concen: 18.773 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

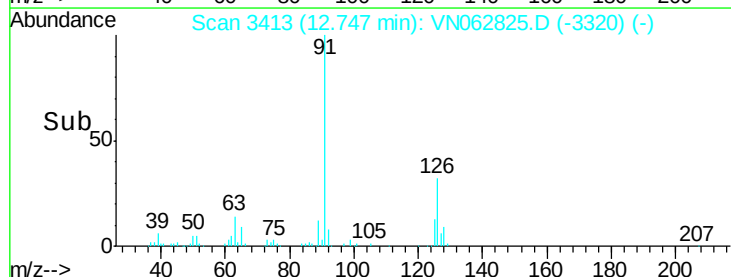
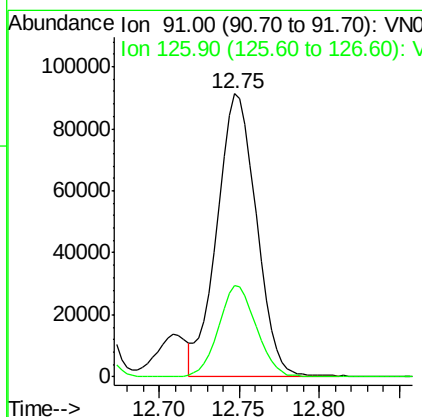
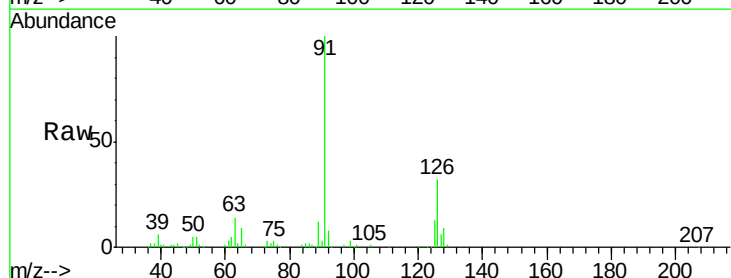
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

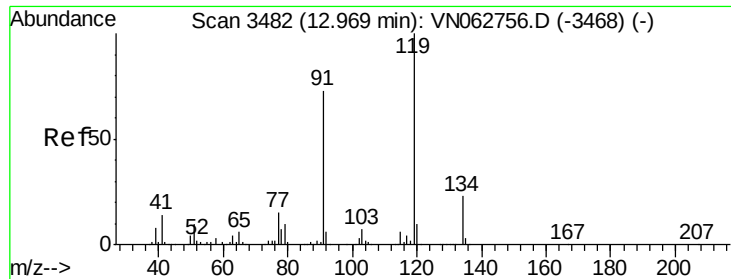
Tot Ion: 75 Resp: 23394
Ion Ratio Lower Upper
75 100
53 103.5 79.1 118.7
89 50.1 36.2 54.2



#82
4-Chlorotoluene
Concen: 18.979 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062825.D
Acq: 11 Aug 2020 13:04

Tgt Ion: 91 Resp: 152920
Ion Ratio Lower Upper
91 100
126 31.4 15.3 45.9

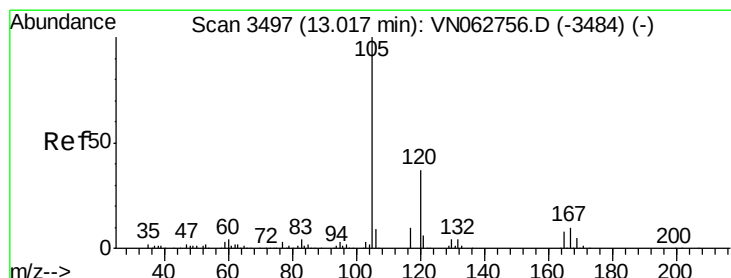
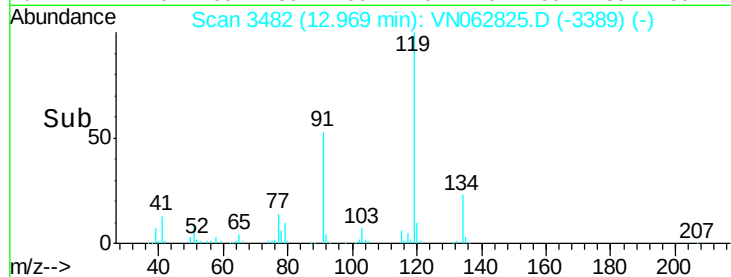
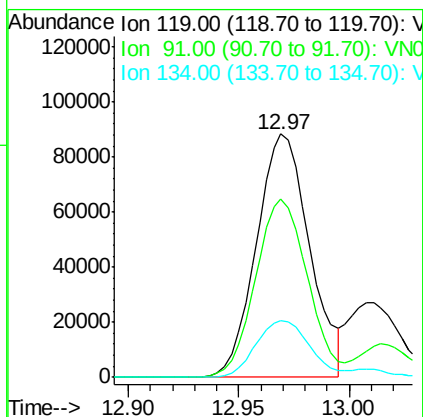
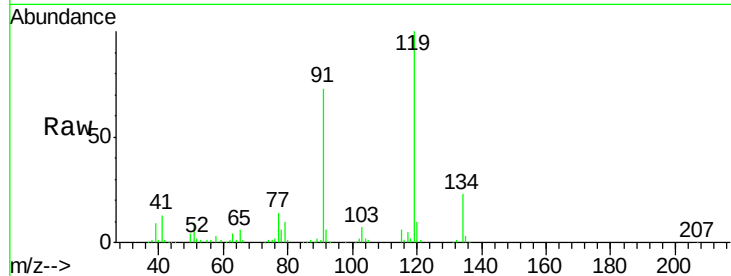




#83
 tert-Butylbenzene
 Concen: 18.933 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

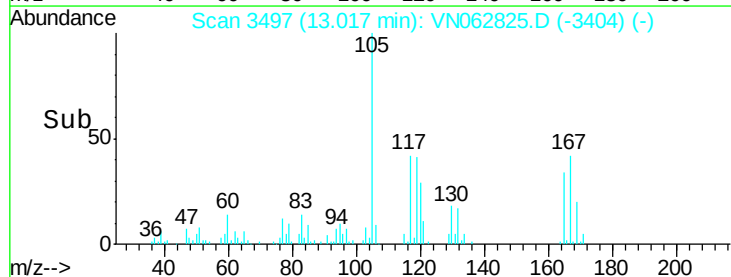
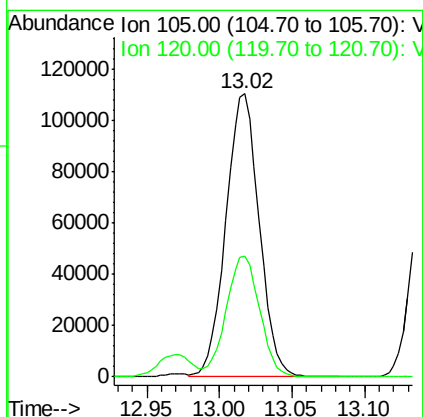
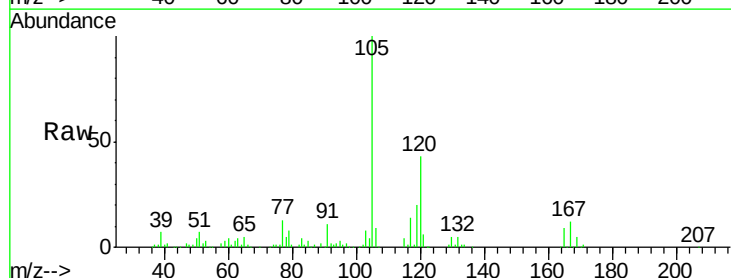
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

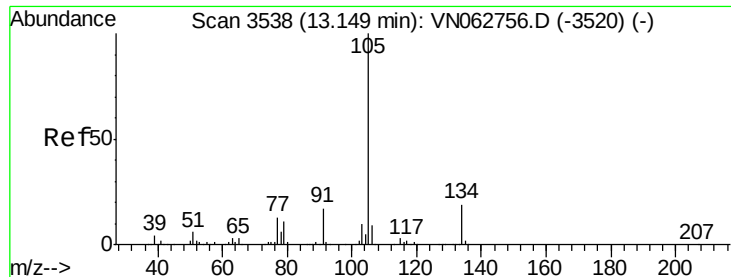
Tot Ion:119 Resp: 147628
 Ion Ratio Lower Upper
 119 100
 91 71.8 36.5 109.5
 134 23.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.923 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion:105 Resp: 175635
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.4 64.2





#85

sec-Butylbenzene

Concen: 19.328 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

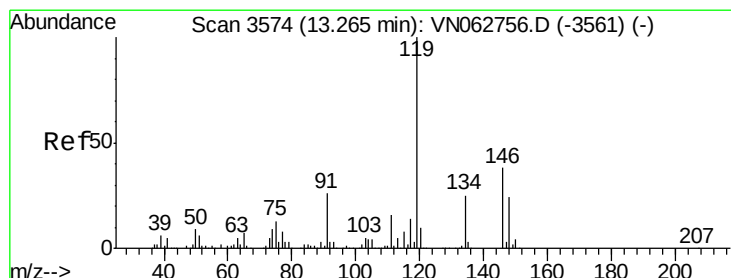
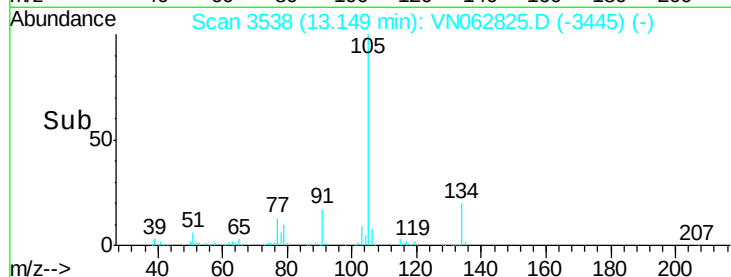
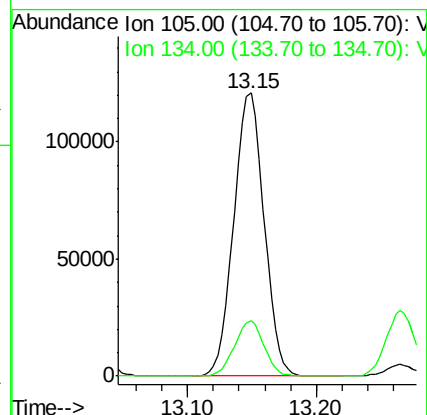
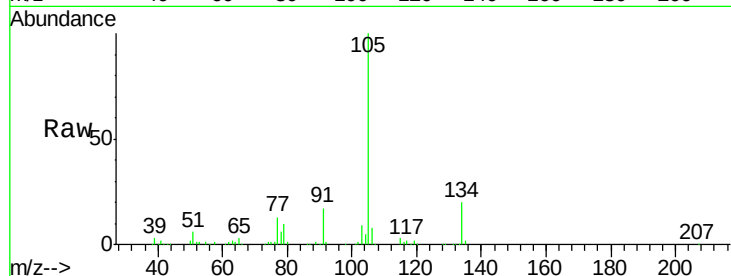
VN0811WBSD01

Tot Ion:105 Resp: 197905

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.289 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

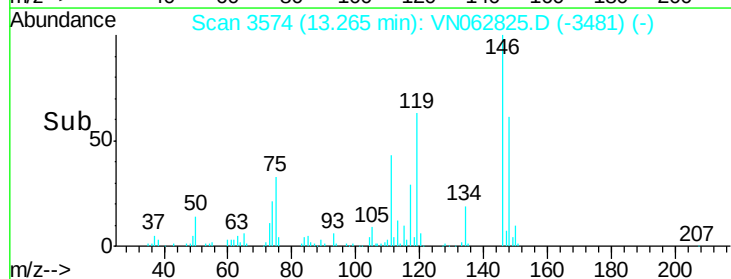
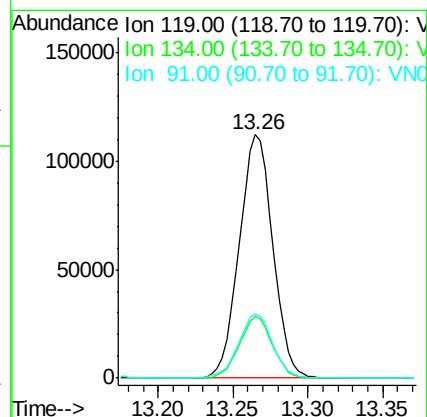
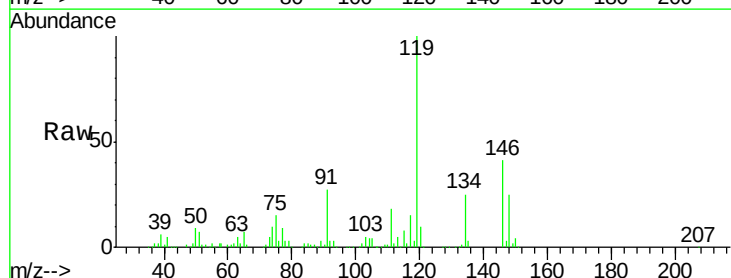
Tgt Ion:119 Resp: 175317

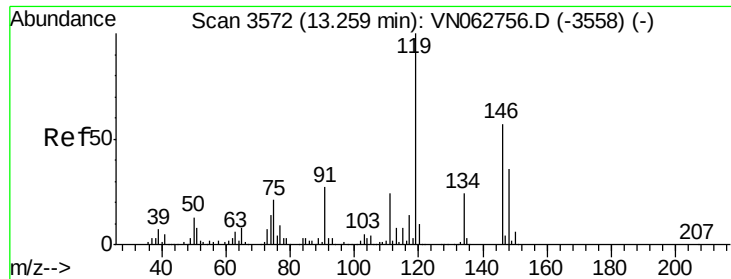
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

91 26.6 13.4 40.2

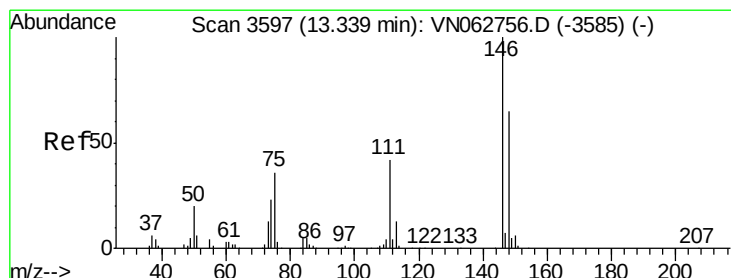
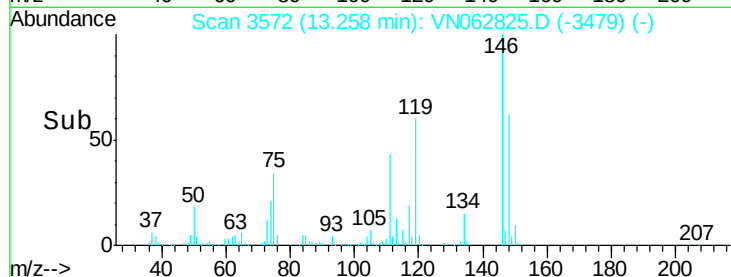
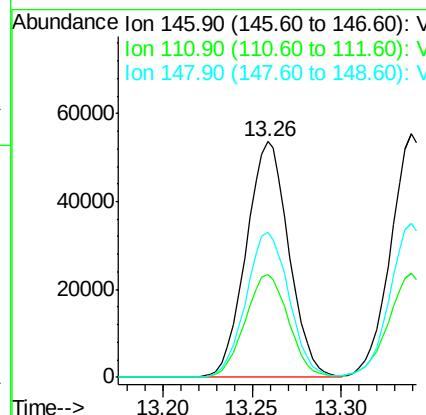
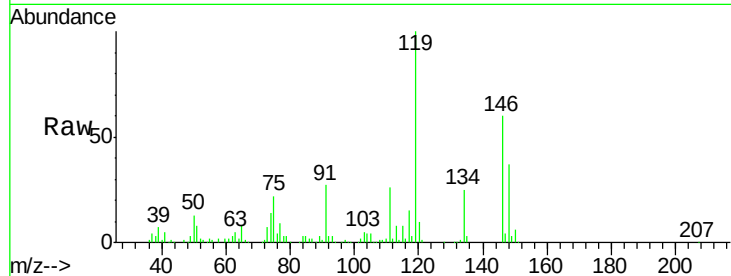




#87
 1,3-Dichlorobenzene
 Concen: 19.045 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

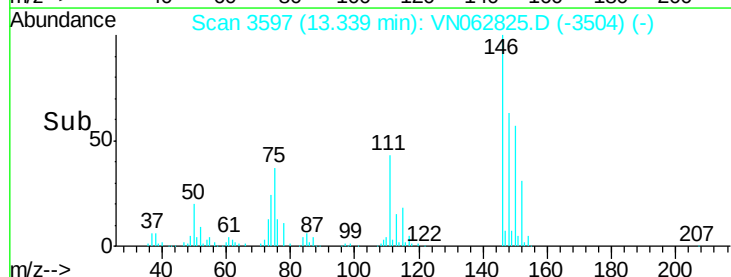
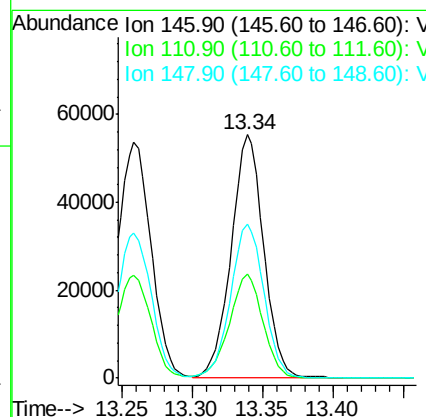
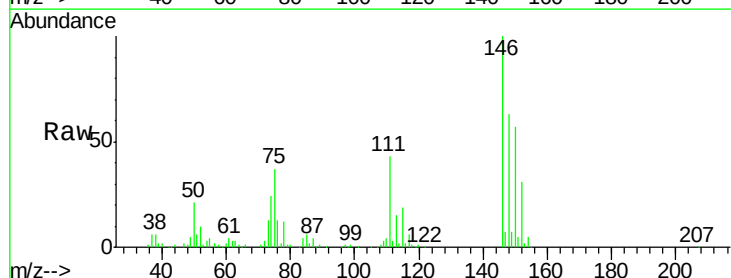
Instrument :
 MSVOA_N
 ClientSampled :
 VN0811WBSD01

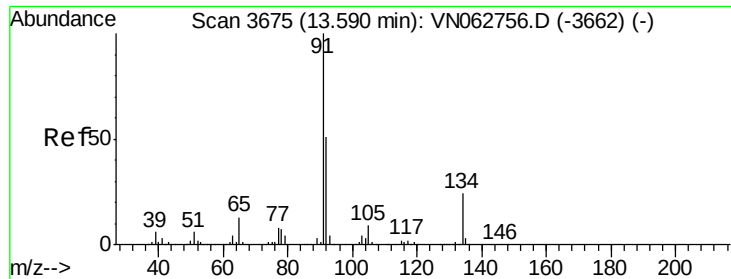
Tot Ion:146 Resp: 89791
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.7 65.1
 148 62.1 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.903 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion:146 Resp: 89390
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.6 64.6
 148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 17.705 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

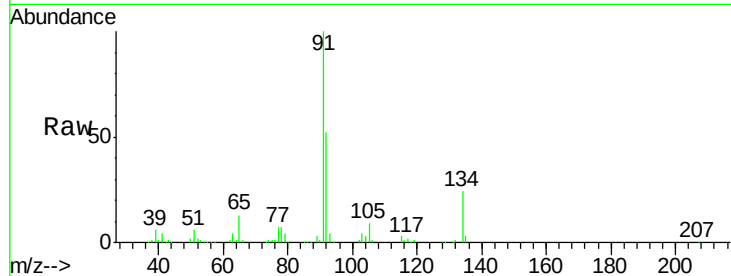
Tot Ion: 91 Resp: 136095

Ion Ratio Lower Upper

91 100

92 51.4 25.7 77.0

134 24.0 12.2 36.6

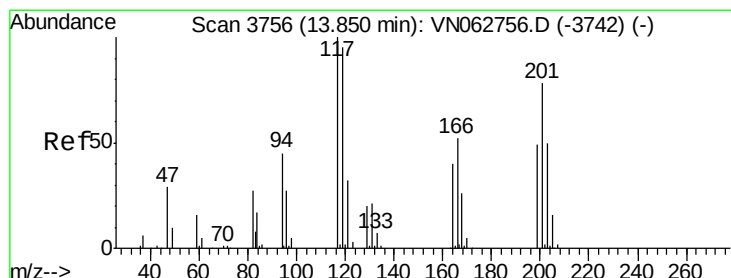
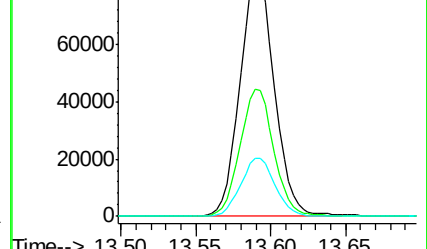
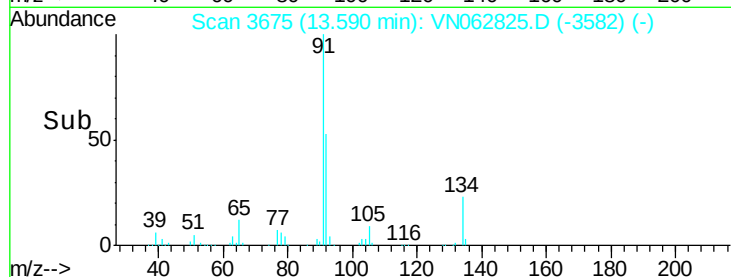


Abundance Ion 91.00 (90.70 to 91.70): VN062825.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062825.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062825.D (-3582) (-)

Time--> 13.50 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 17.763 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062825.D

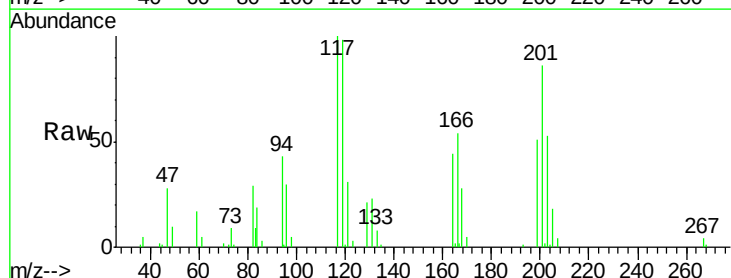
Acq: 11 Aug 2020 13:04

Tgt Ion: 117 Resp: 34800

Ion Ratio Lower Upper

117 100

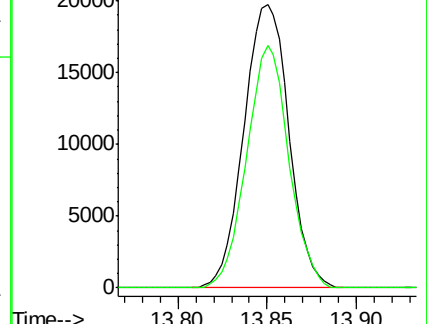
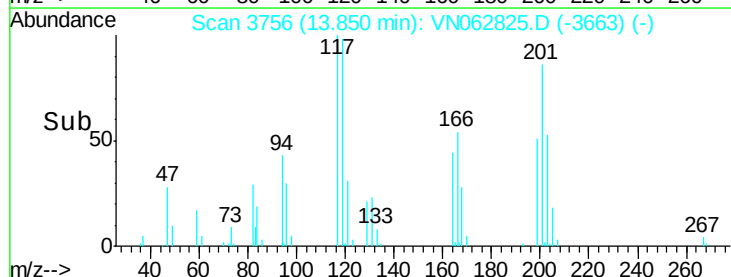
201 80.0 39.2 117.6

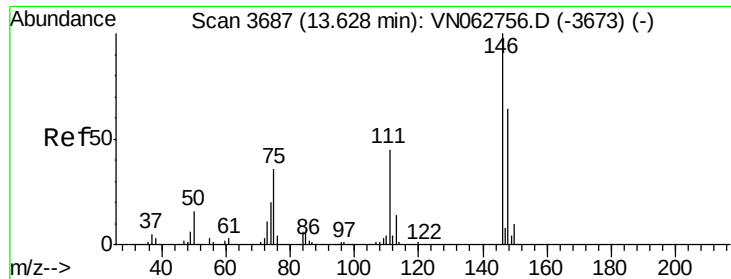


Abundance Ion 116.80 (116.50 to 117.50): VN062825.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062825.D (-3663) (-)

Time--> 13.80 13.85 13.90

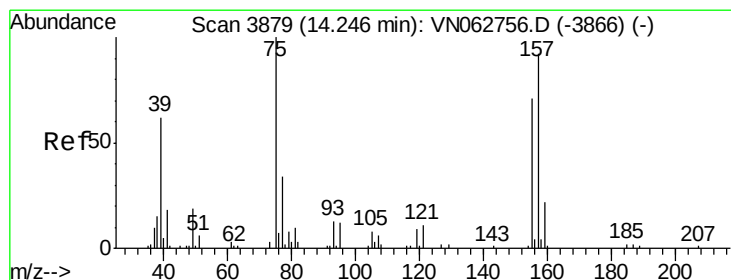
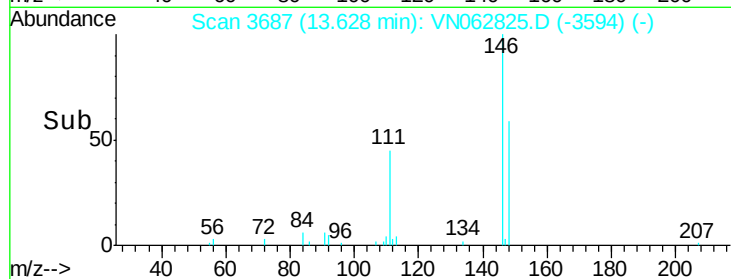
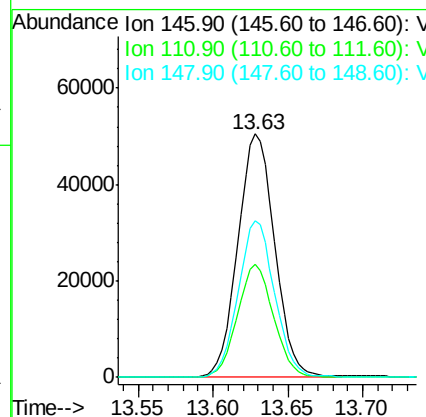
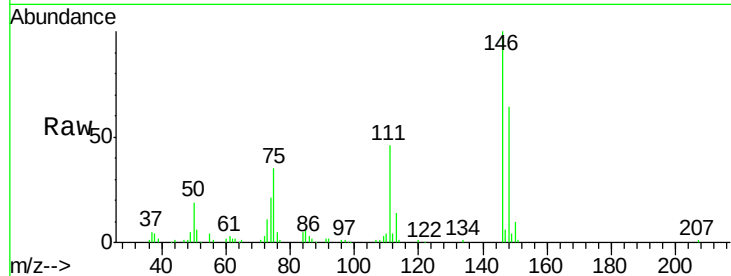




#91
 1,2-Dichlorobenzene
 Concen: 19.624 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

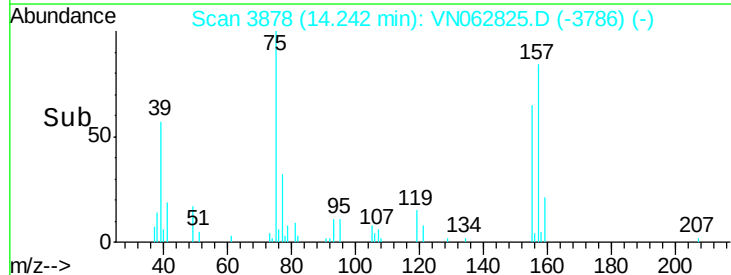
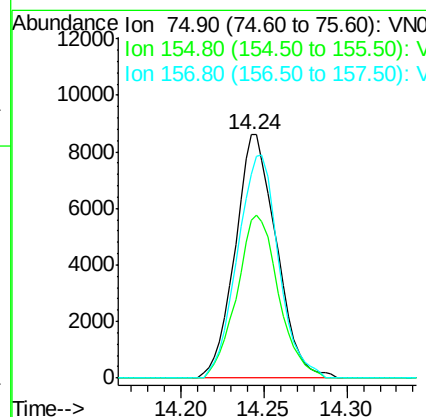
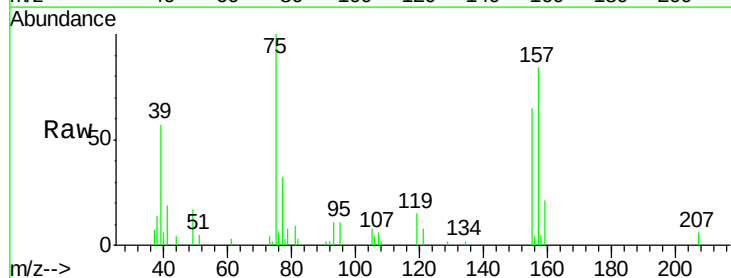
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

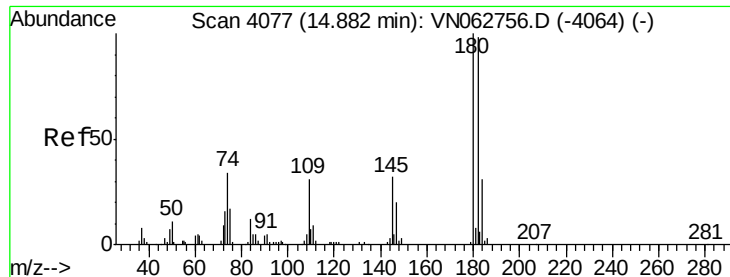
Tot Ion:146 Resp: 86740
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.8 68.4
 148 63.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.602 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion: 75 Resp: 14932
 Ion Ratio Lower Upper
 75 100
 155 67.4 35.0 105.1
 157 91.1 43.2 129.6

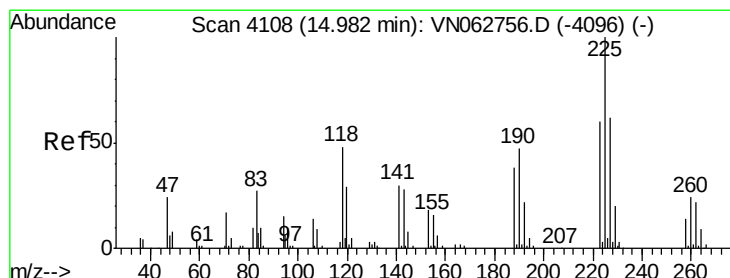
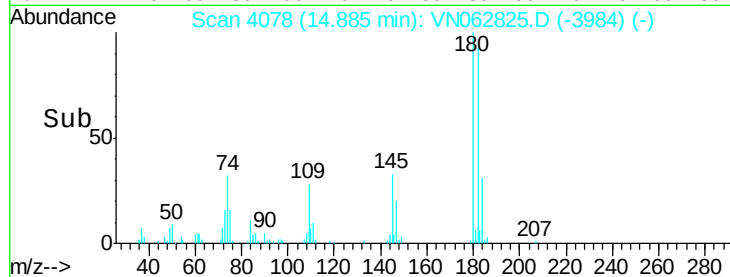
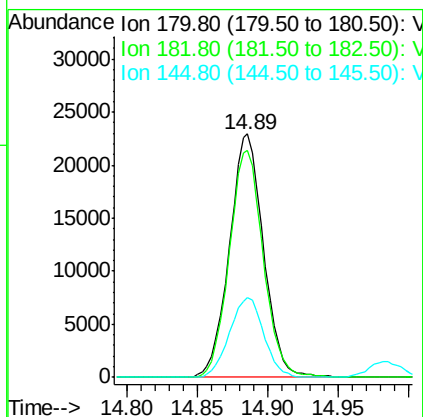
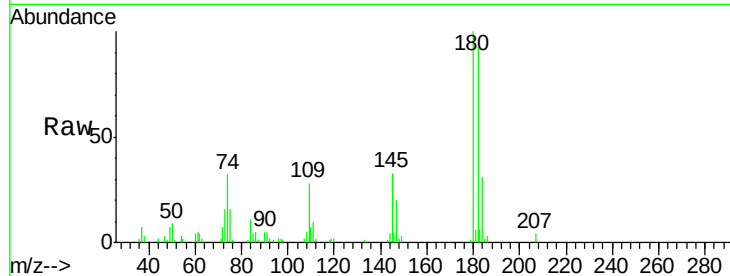




#93
 1,2,4-Trichlorobenzene
 Concen: 18.540 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

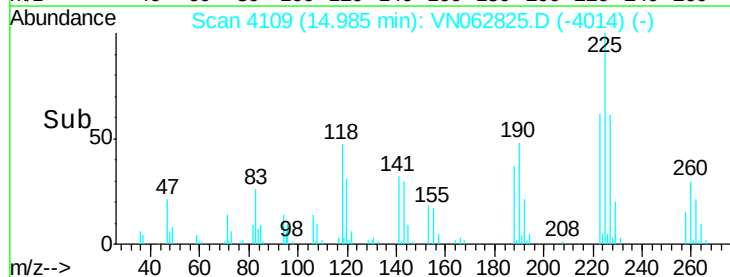
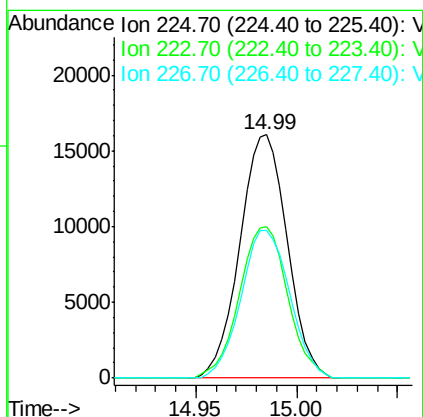
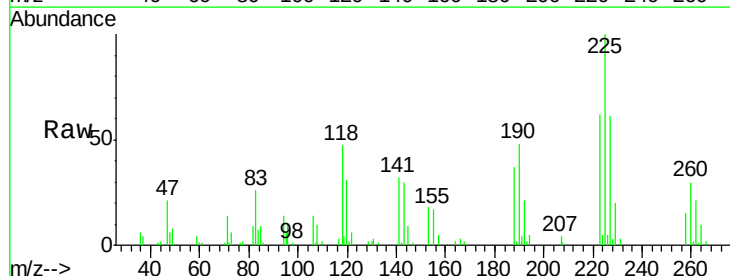
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

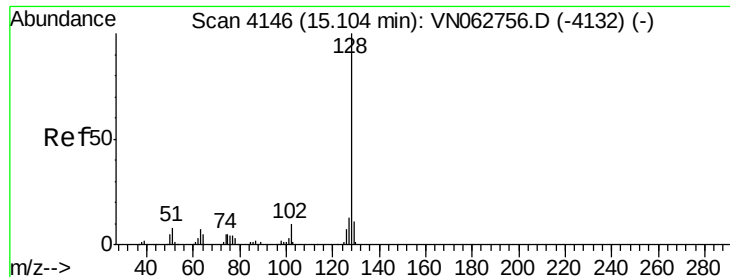
Tot Ion:180 Resp: 38697
 Ion Ratio Lower Upper
 180 100
 182 93.1 49.1 147.4
 145 32.8 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 18.019 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062825.D
 Acq: 11 Aug 2020 13:04

Tgt Ion:225 Resp: 26445
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.6 92.0
 227 62.3 31.6 95.0





#95

Naphthalene

Concen: 18.241 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

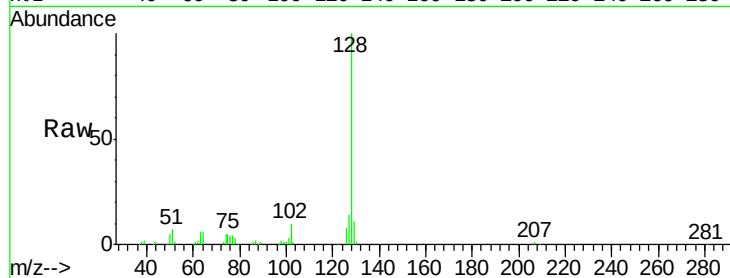
Tot Ion:128 Resp: 101790

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

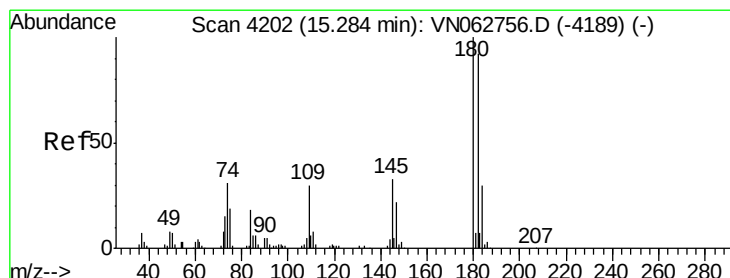
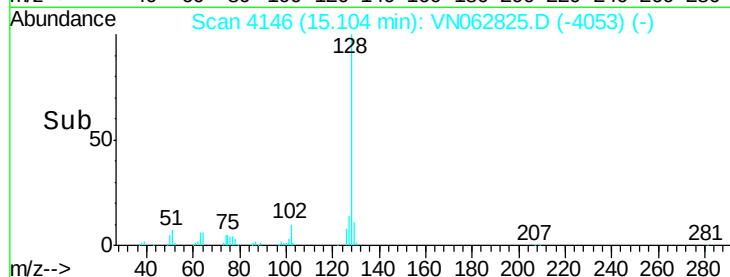
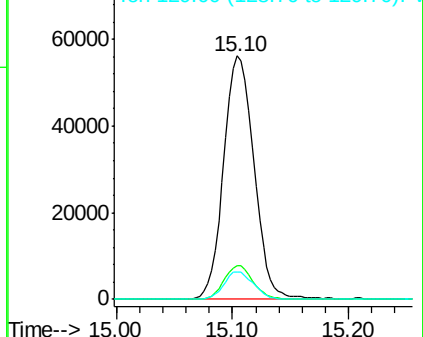
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.493 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062825.D

Acq: 11 Aug 2020 13:04

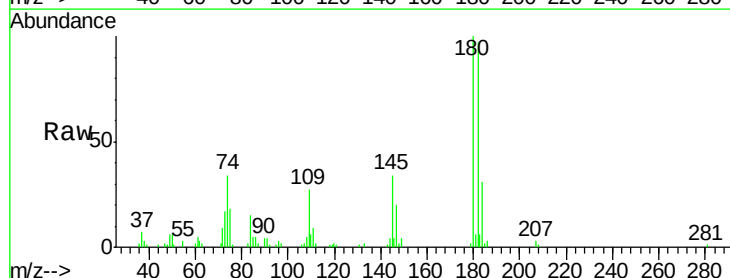
Tgt Ion:180 Resp: 38995

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 34.1 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

