

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062904.D
 Acq On : 13 Aug 2020 12:15
 Operator : JC/MD
 Sample : VN0813WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Quant Time: Aug 14 05:04:05 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	7.62	168	173091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	255290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119388	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	134668	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.55	113	96245	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.06	98	366155	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.38	95	136326	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	41171	16.611	ug/l 98
3) Chloromethane	2.03	50	35350	15.114	ug/l 97
4) Vinyl Chloride	2.16	62	35397	16.135	ug/l 98
5) Bromomethane	2.52	94	32131	22.125	ug/l 98
6) Chloroethane	2.66	64	30707	21.277	ug/l 99
7) Trichlorofluoromethane	2.98	101	78100	19.965	ug/l 98
8) Diethyl Ether	3.37	74	21509	19.207	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33527	20.736	ug/l 98
10) Methyl Iodide	3.90	142	37291	19.668	ug/l 98
11) Tert butyl alcohol	4.74	59	38892	82.901	ug/l 99
12) 1,1-Dichloroethene	3.69	96	29523	19.310	ug/l 99
13) Acrolein	3.57	56	23956	84.338	ug/l 96
14) Allyl chloride	4.27	41	53512	17.658	ug/l 98
15) Acrylonitrile	4.93	53	104882	96.389	ug/l 98
16) Acetone	3.78	43	91883	88.837	ug/l 95
17) Carbon Disulfide	4.00	76	76858	17.766	ug/l 99
18) Methyl Acetate	4.28	43	49463	19.531	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	127046	18.945	ug/l 99
20) Methylene Chloride	4.50	84	39098	20.203	ug/l 91
21) trans-1,2-Dichloroethene	4.98	96	31560	18.220	ug/l 96
22) Diisopropyl ether	5.90	45	130107	20.168	ug/l 93
23) Vinyl Acetate	5.84	43	436418	88.939	ug/l 99
24) 1,1-Dichloroethane	5.79	63	71821	18.997	ug/l 99
25) 2-Butanone	6.79	43	136385	93.104	ug/l 99
26) 2,2-Dichloropropane	6.77	77	65839	18.893	ug/l 99
27) cis-1,2-Dichloroethene	6.77	96	38747	18.647	ug/l 98
28) Bromochloromethane	7.15	49	35390	19.396	ug/l 97
29) Tetrahydrofuran	7.17	42	89932	94.498	ug/l 99
30) Chloroform	7.33	83	74353	18.506	ug/l 100
31) Cyclohexane	7.61	56	65139	18.770	ug/l 98
32) 1,1,1-Trichloroethane	7.52	97	65598	18.261	ug/l 98
36) 1,1-Dichloropropene	7.75	75	49867	19.013	ug/l 98
37) Ethyl Acetate	6.88	43	47812	17.452	ug/l 98
38) Carbon Tetrachloride	7.73	117	58069	18.721	ug/l 94

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 Misc : 5.00mL/MSVOA N/WATER
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 VN0813WBS01

Quant Time: Aug 14 05:04:05 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)
39) Methylcyclohexane	9.05	83	60447	19.151	ug/l	100
40) Benzene	8.00	78	147541	18.852	ug/l	96
41) Methacrylonitrile	7.17	41	82636	66.843	ug/l #	36
42) 1,2-Dichloroethane	8.09	62	62744	18.836	ug/l	99
43) Isopropyl Acetate	8.13	43	83660	18.307	ug/l #	88
44) Trichloroethene	8.80	130	36339	19.058	ug/l	100
45) 1,2-Dichloropropane	9.08	63	42773	20.193	ug/l	97
46) Dibromomethane	9.17	93	27876	20.085	ug/l	99
47) Bromodichloromethane	9.37	83	61066	19.591	ug/l	100
48) Methyl methacrylate	9.17	41	41969	18.672	ug/l	99
49) 1,4-Dioxane	9.17	88	15474	371.539	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	284110	96.091	ug/l	100
52) Toluene	10.13	92	94551	19.567	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	63867	18.627	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	67470	19.599	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	40417	19.584	ug/l	97
56) Ethyl methacrylate	10.40	69	60324	19.419	ug/l	97
57) 1,3-Dichloropropane	10.68	76	69130	19.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	71053	80.920	ug/l	99
59) 2-Hexanone	10.72	43	205028	92.962	ug/l	100
60) Dibromochloromethane	10.87	129	45611	19.367	ug/l	100
61) 1,2-Dibromoethane	10.98	107	40142	19.712	ug/l	98
64) Tetrachloroethene	10.60	164	31883	19.356	ug/l	95
65) Chlorobenzene	11.41	112	103983	19.485	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42469	19.817	ug/l	98
67) Ethyl Benzene	11.48	91	183973	19.265	ug/l	98
68) m/p-Xylenes	11.60	106	136811	39.466	ug/l	97
69) o-Xylene	11.92	106	65068	20.029	ug/l	96
70) Styrene	11.94	104	112493	19.700	ug/l	99
71) Bromoform	12.10	173	32712	18.656	ug/l #	100
73) Isopropylbenzene	12.22	105	183167	20.375	ug/l	99
74) N-amyl acetate	12.05	43	69706	19.134	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	63204	19.972	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	82474	25.615	ug/l #	100
77) Bromobenzene	12.50	156	43704	19.566	ug/l	97
78) n-propylbenzene	12.57	91	213705	20.251	ug/l	100
79) 2-Chlorotoluene	12.65	91	131774	19.913	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	161855	20.753	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	20629	19.559	ug/l	99
82) 4-Chlorotoluene	12.75	91	138582	20.321	ug/l	99
83) tert-Butylbenzene	12.97	119	132594	20.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	151641	20.324	ug/l	97
85) sec-Butylbenzene	13.15	105	177773	20.513	ug/l	100
86) p-Isopropyltoluene	13.26	119	156229	20.309	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	76527	19.178	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	79483	19.859	ug/l	98
89) n-Butylbenzene	13.59	91	122092	18.766	ug/l	99
90) Hexachloroethane	13.85	117	32274	19.464	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	77341	20.673	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12427	18.291	ug/l	98

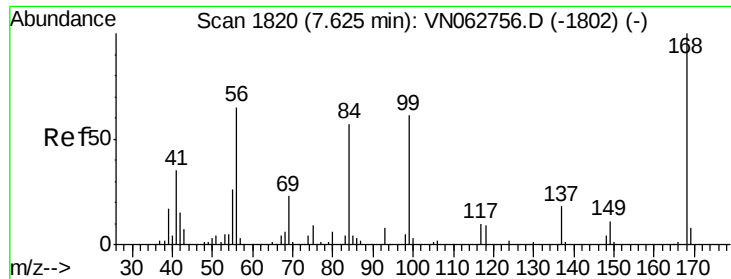
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
Data File : VN062904.D
Acq On : 13 Aug 2020 12:15
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31638	18.022	ug/l	99
94) Hexachlorobutadiene	14.98	225	24565	19.931	ug/l	96
95) Naphthalene	15.10	128	80764	17.332	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	33138	18.557	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

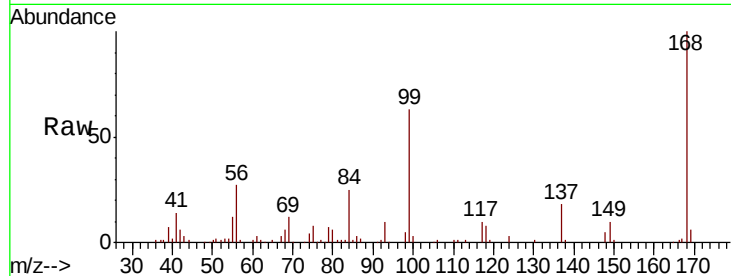
VN0813WBS01

Tot Ion:168 Resp: 173091

Ion Ratio Lower Upper

168 100

99 62.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

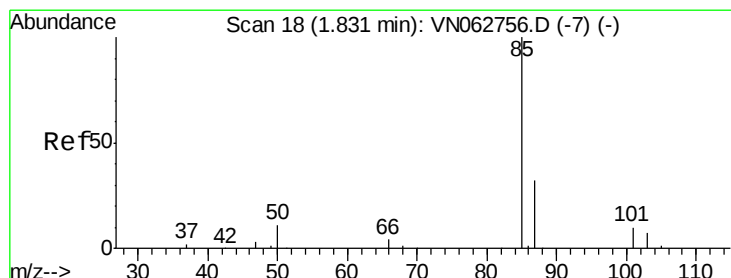
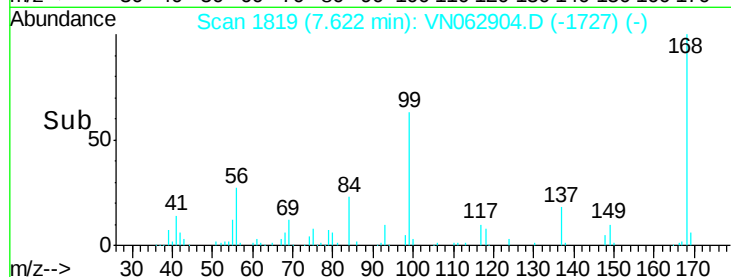
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.611 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062904.D

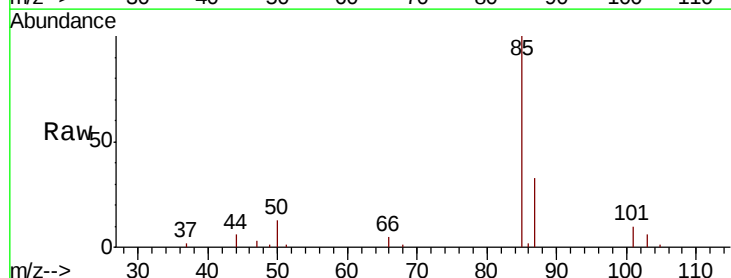
Acq: 13 Aug 2020 12:15

Tgt Ion: 85 Resp: 41171

Ion Ratio Lower Upper

85 100

87 33.4 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

30000

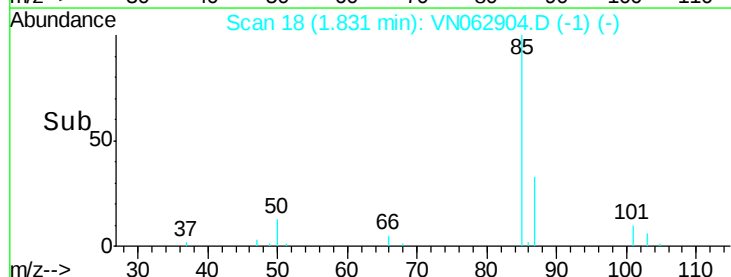
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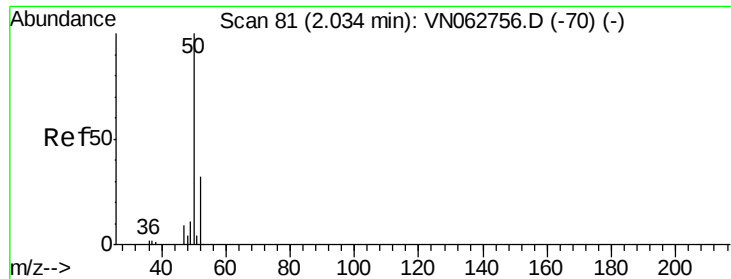
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 15.114 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

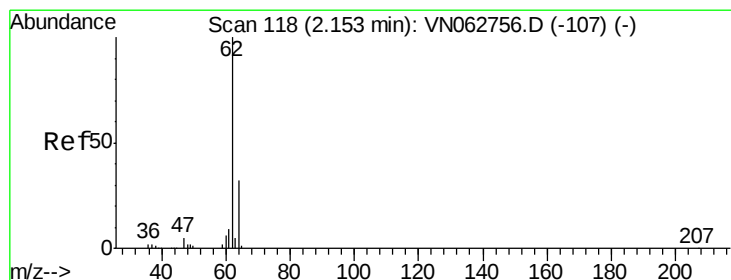
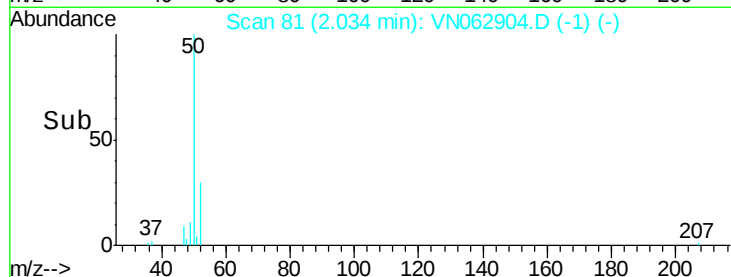
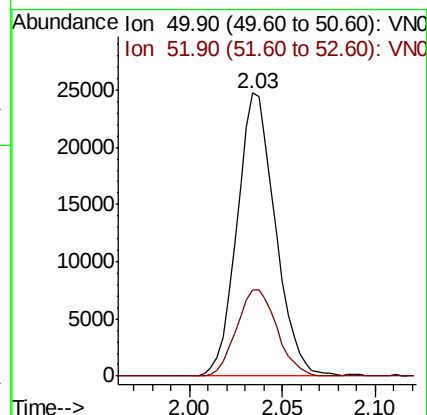
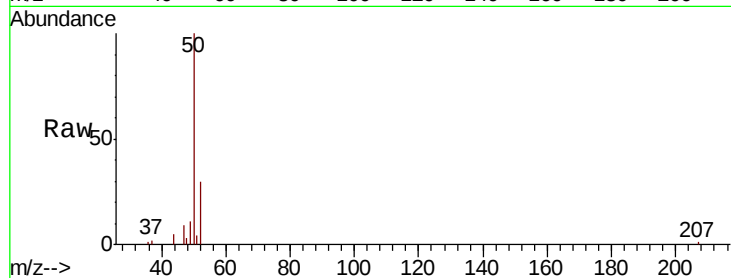
VN0813WBS01

Tot Ion: 50 Resp: 35350

Ion Ratio Lower Upper

50 100

52 30.3 25.6 38.4



#4

Vinyl Chloride

Concen: 16.135 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062904.D

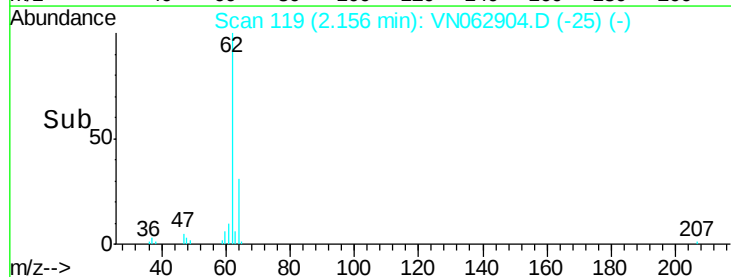
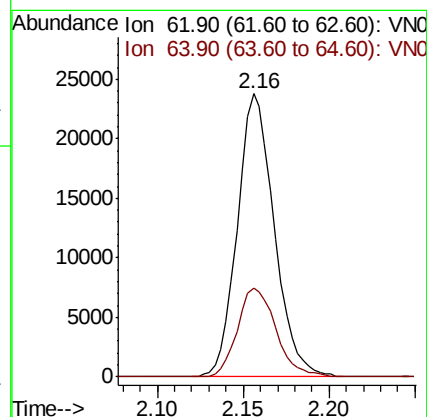
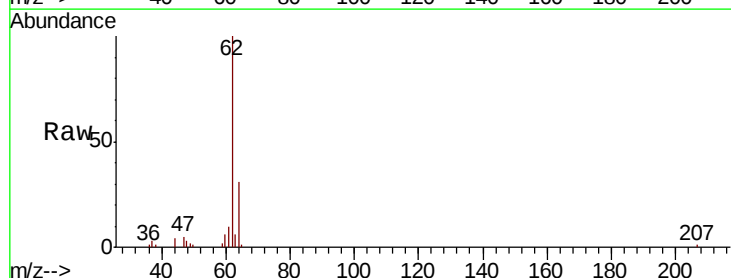
Acq: 13 Aug 2020 12:15

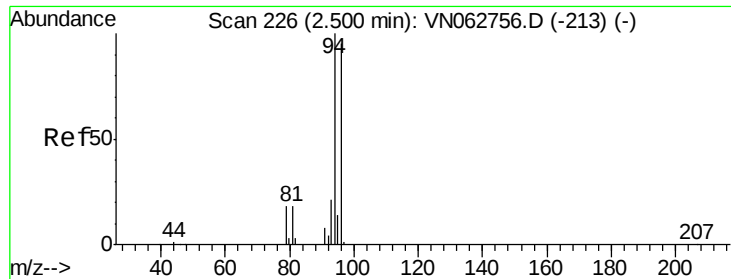
Tgt Ion: 62 Resp: 35397

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 22.125 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

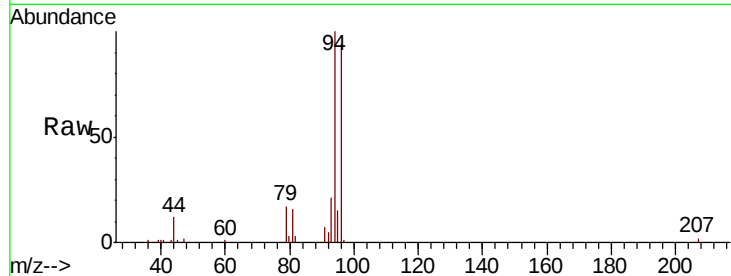
VN0813WBS01

Tot Ion: 94 Resp: 32131

Ion Ratio Lower Upper

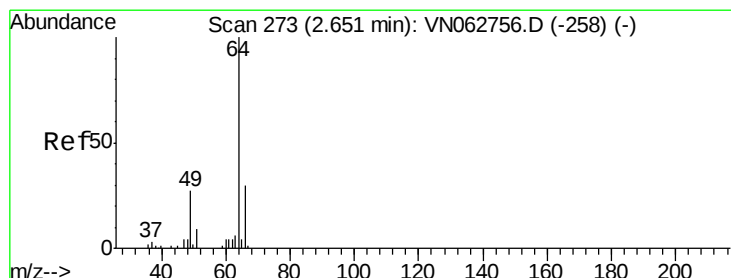
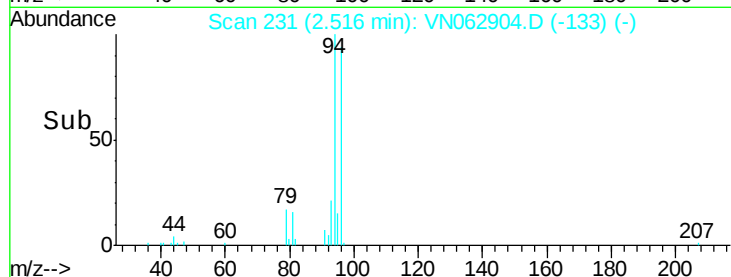
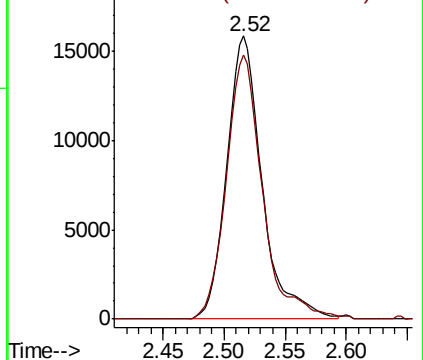
94 100

96 93.6 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: 21.277 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062904.D

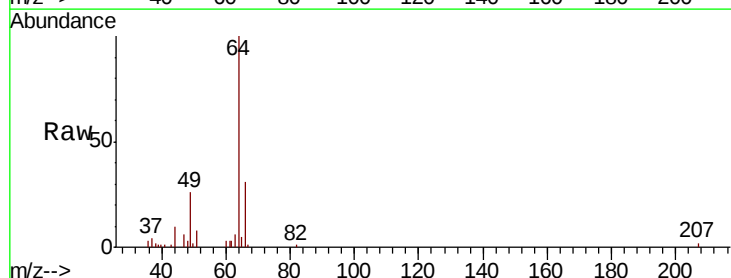
Acq: 13 Aug 2020 12:15

Tgt Ion: 64 Resp: 30707

Ion Ratio Lower Upper

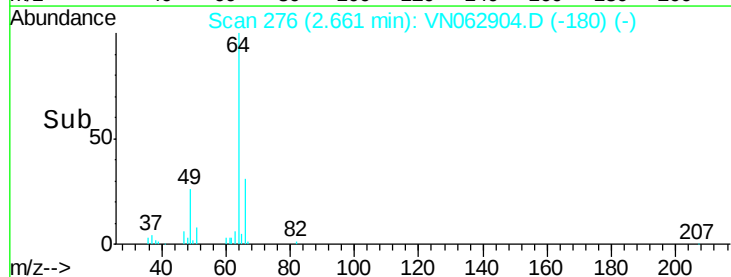
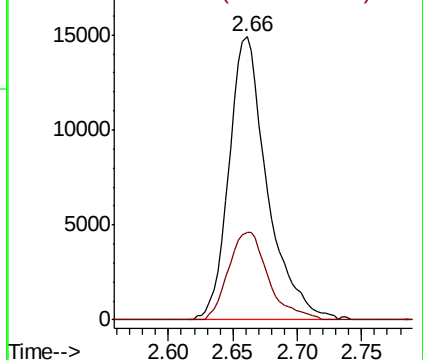
64 100

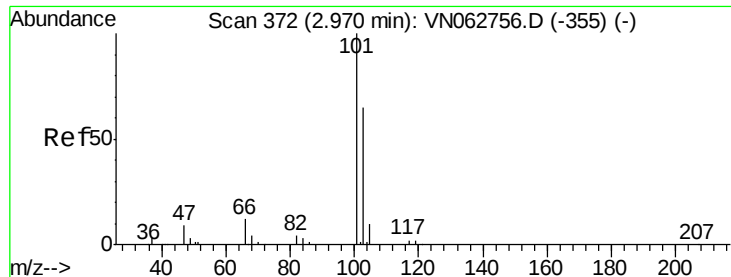
66 30.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



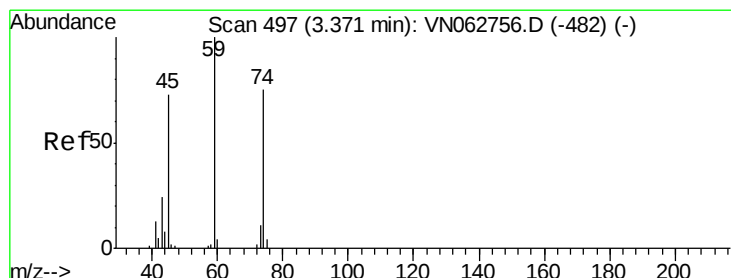
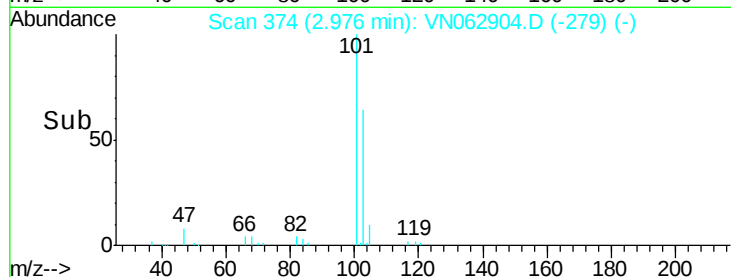
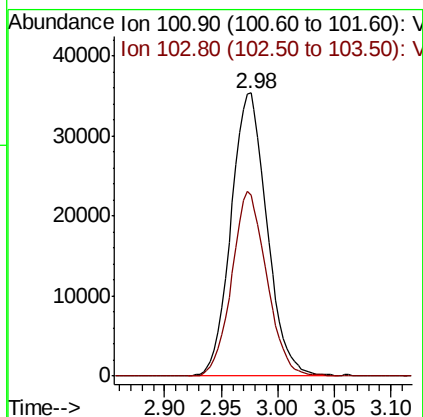
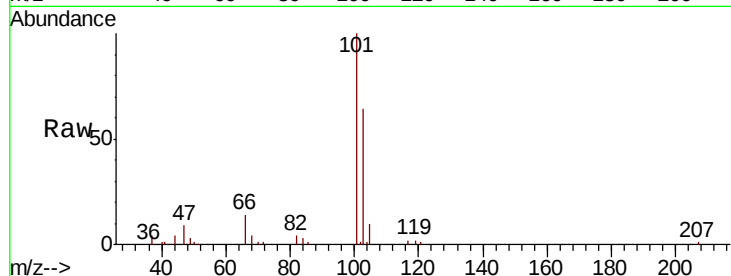


#7

Trichlorofluoromethane
 Concen: 19.965 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

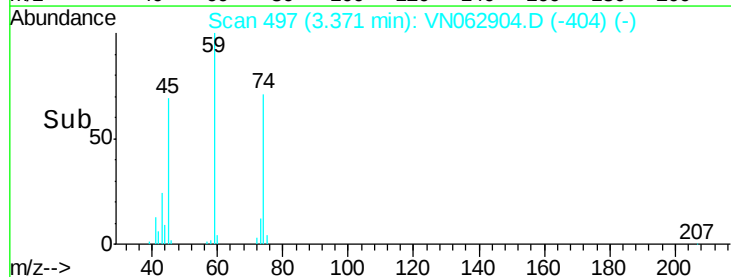
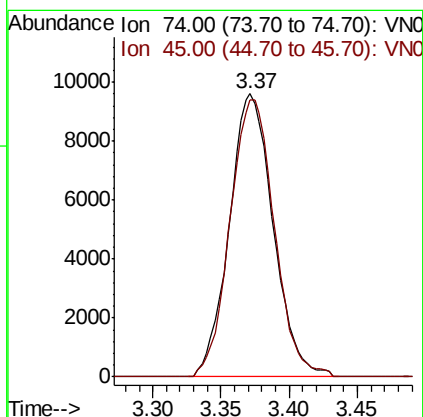
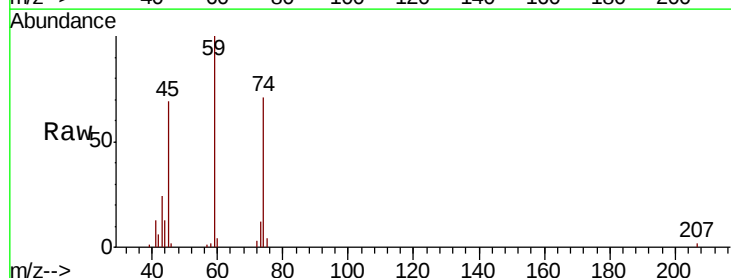
Tot Ion:101 Resp: 78100
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5

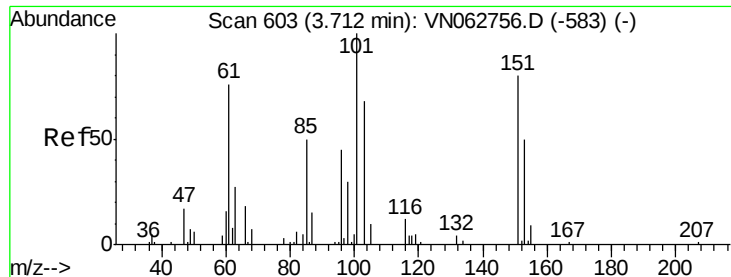


#8

Diethyl Ether
 Concen: 19.207 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion: 74 Resp: 21509
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.736 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

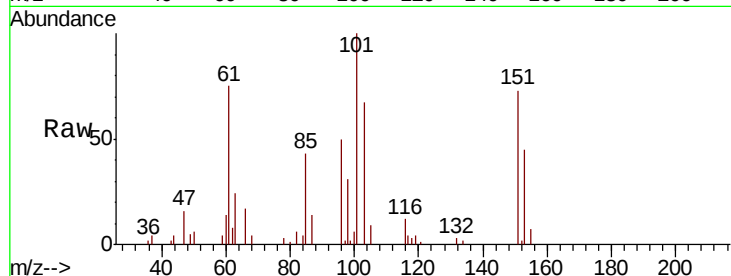
Tot Ion:101 Resp: 33527

Ion Ratio Lower Upper

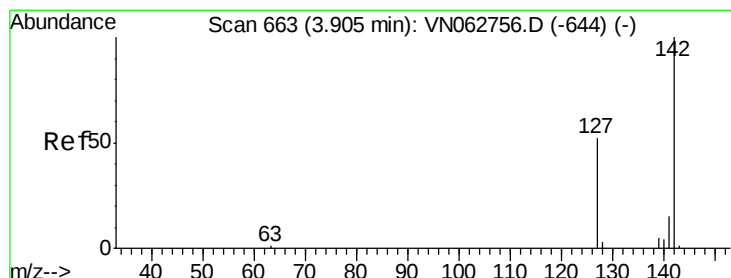
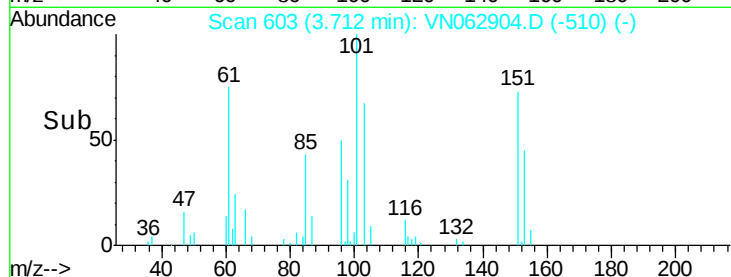
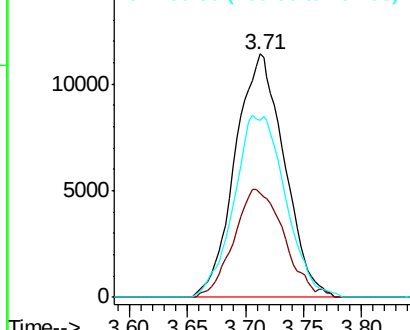
101 100

85 45.5 38.5 57.7

151 78.4 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: 19.668 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

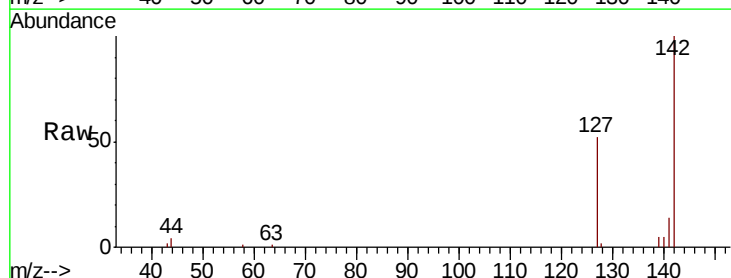
Tgt Ion:142 Resp: 37291

Ion Ratio Lower Upper

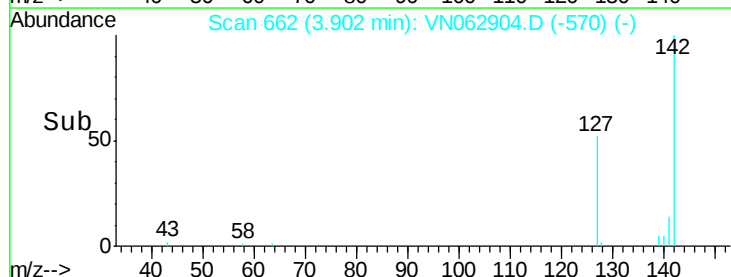
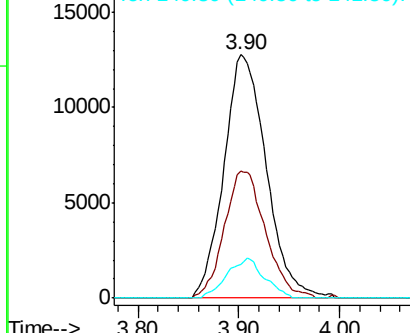
142 100

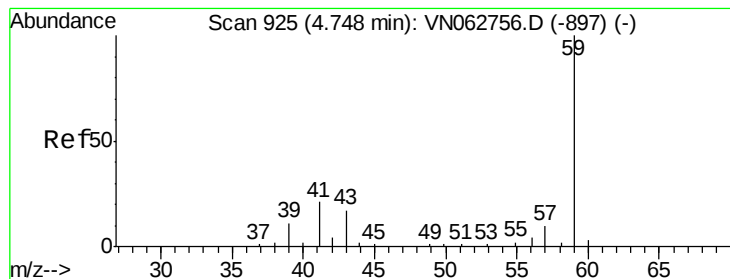
127 50.6 41.4 62.0

141 14.5 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



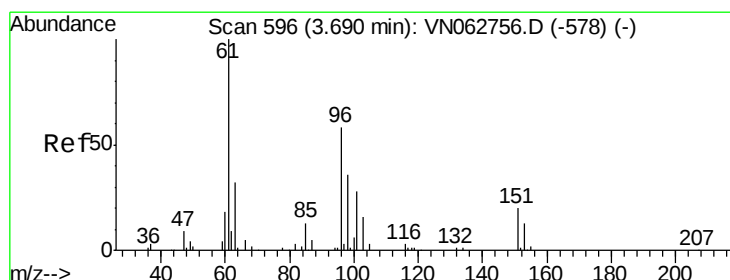
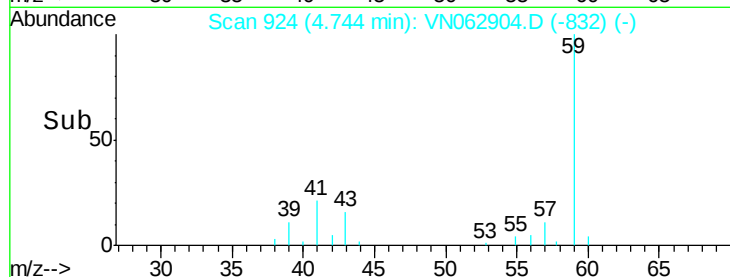
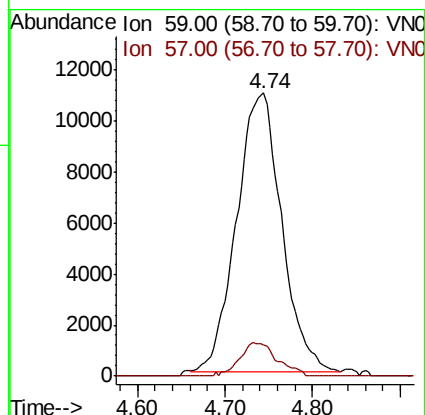
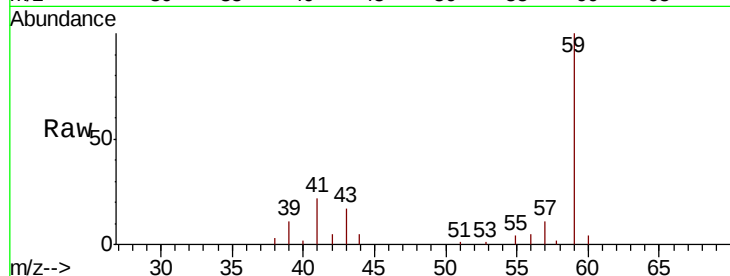


#11

Tert butyl alcohol
 Concen: 82.901 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampled :
 VN0813WBS01

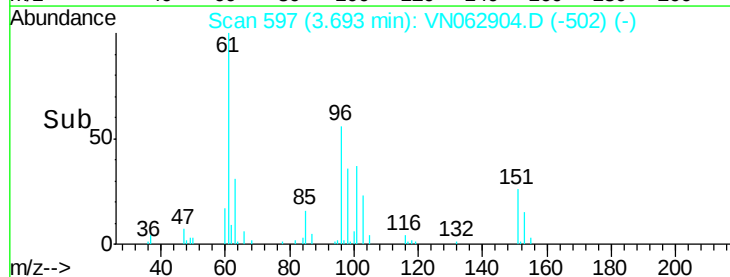
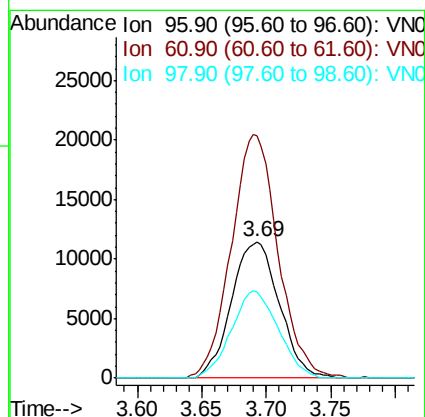
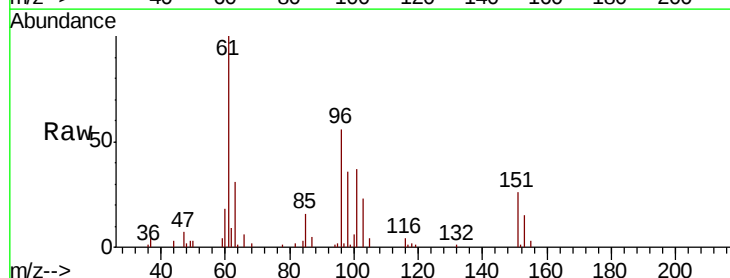
Tot Ion: 59 Resp: 38892
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

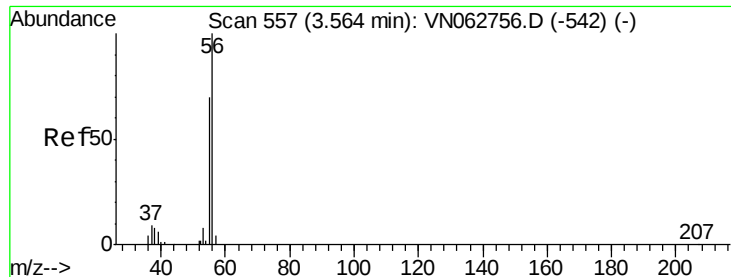


#12

1,1-Dichloroethene
 Concen: 19.310 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion: 96 Resp: 29523
 Ion Ratio Lower Upper
 96 100
 61 175.6 139.0 208.6
 98 63.5 50.2 75.4





#13

Acrolein

Concen: 84.338 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

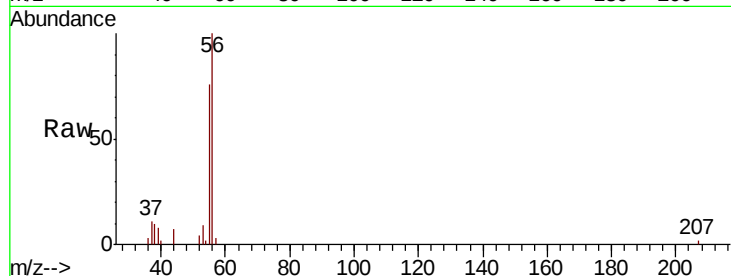
VN0813WBS01

Tot Ion: 56 Resp: 23956

Ion Ratio Lower Upper

56 100

55 74.9 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

10000

8000

6000

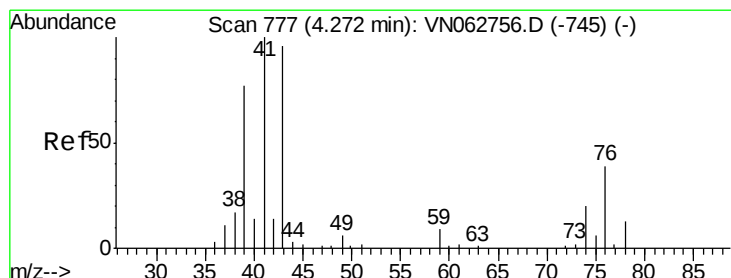
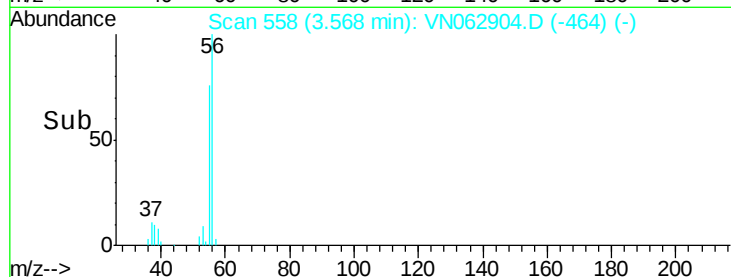
4000

2000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 17.658 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

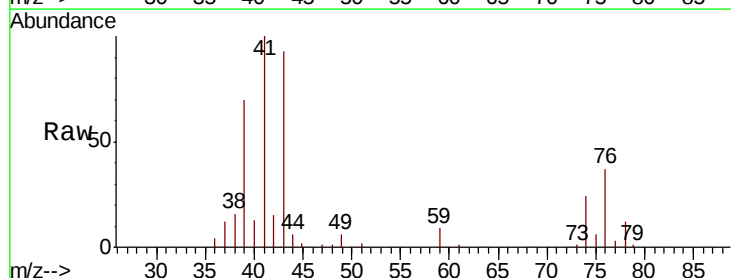
Tgt Ion: 41 Resp: 53512

Ion Ratio Lower Upper

41 100

39 66.9 55.7 83.5

76 34.7 27.5 41.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.27

20000

15000

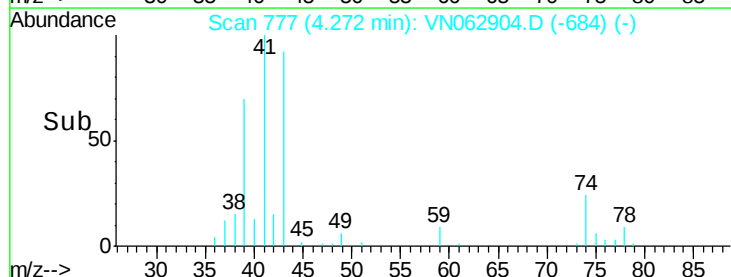
10000

5000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 96.389 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

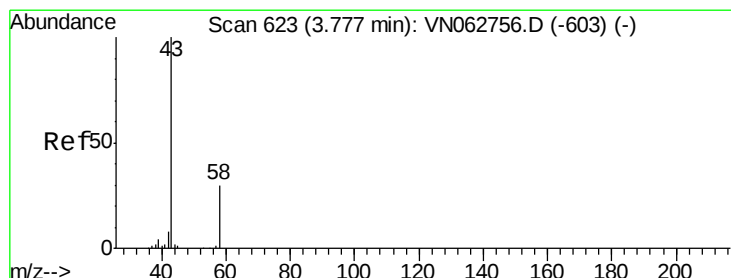
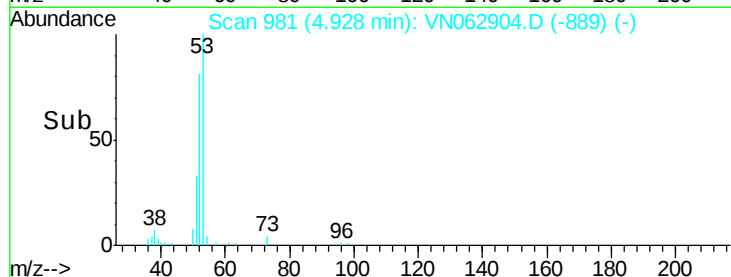
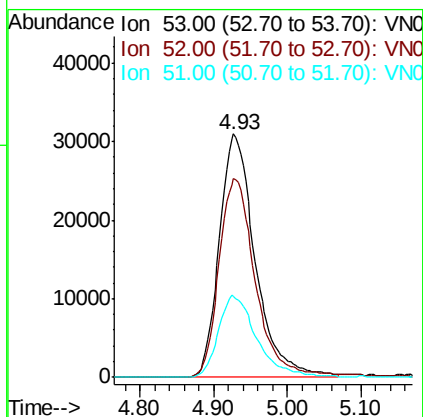
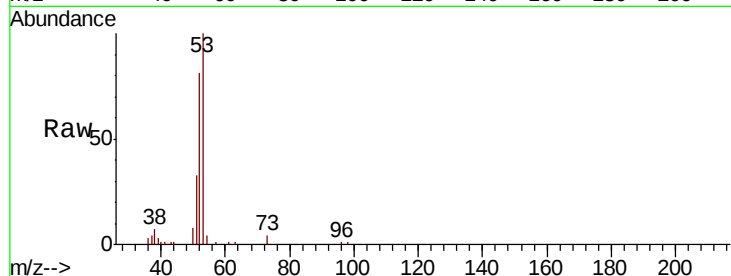
Tot Ion: 53 Resp: 104882

Ion Ratio Lower Upper

53 100

52 82.1 66.8 100.2

51 35.7 29.5 44.3



#16

Acetone

Concen: 88.837 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062904.D

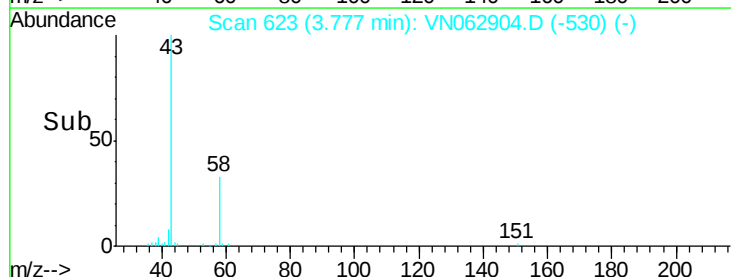
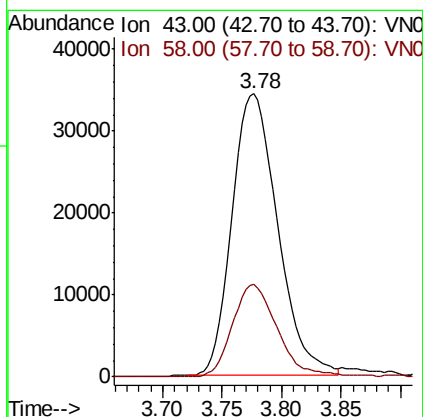
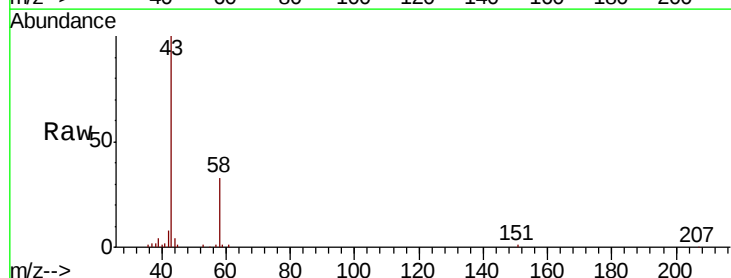
Acq: 13 Aug 2020 12:15

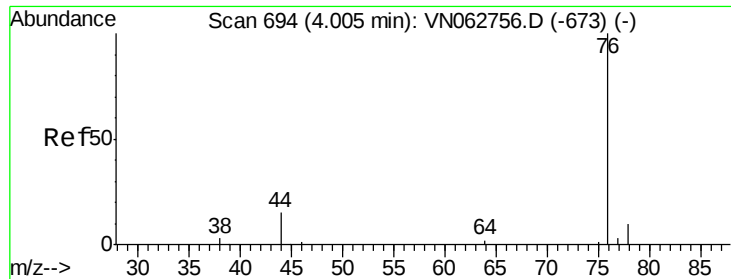
Tgt Ion: 43 Resp: 91883

Ion Ratio Lower Upper

43 100

58 32.7 24.1 36.1





#17

Carbon Disulfide

Concen: 17.766 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

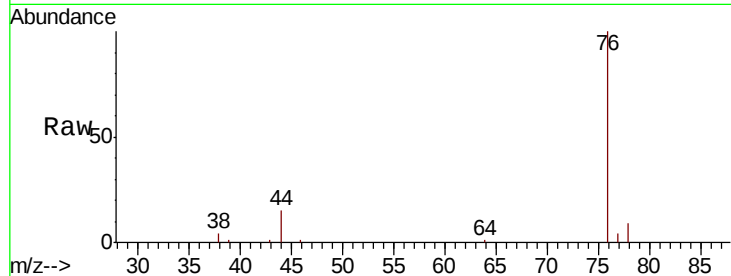
VN0813WBS01

Tot Ion: 76 Resp: 76858

Ion Ratio Lower Upper

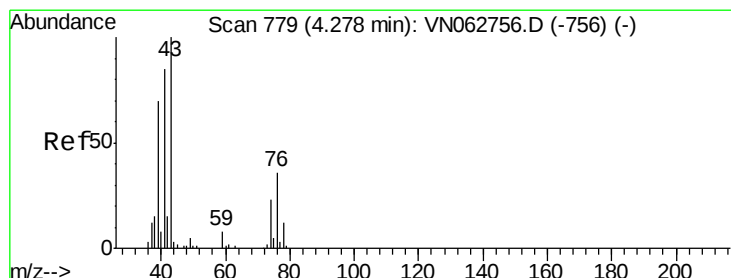
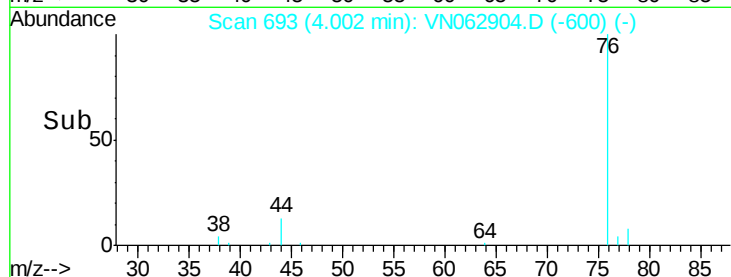
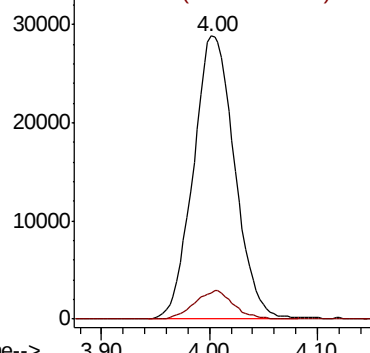
76 100

78 9.4 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: 19.531 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062904.D

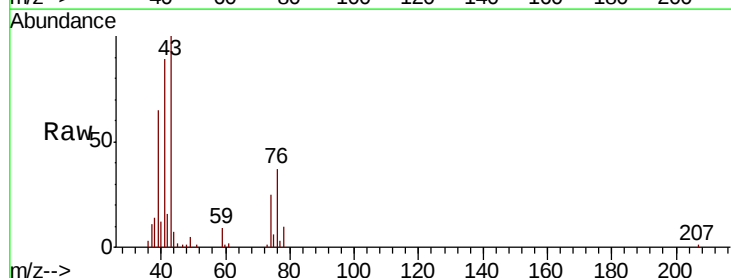
Acq: 13 Aug 2020 12:15

Tgt Ion: 43 Resp: 49463

Ion Ratio Lower Upper

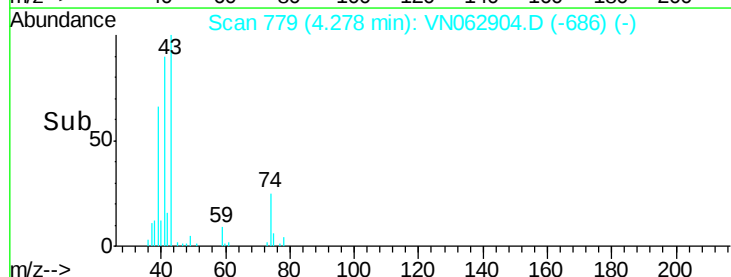
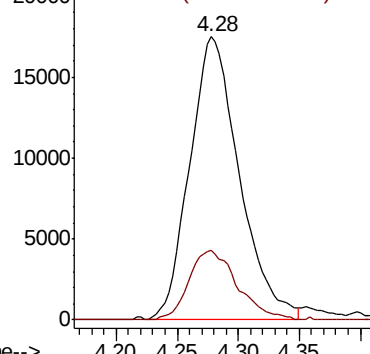
43 100

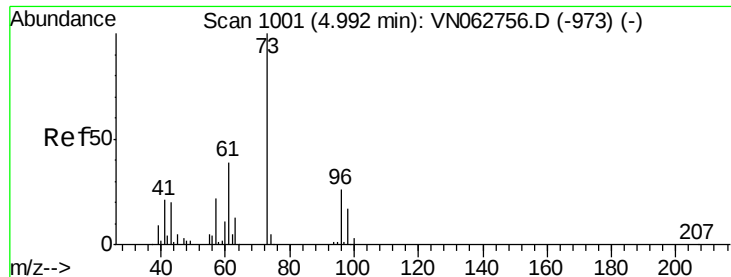
74 23.9 18.6 28.0



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: 18.945 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

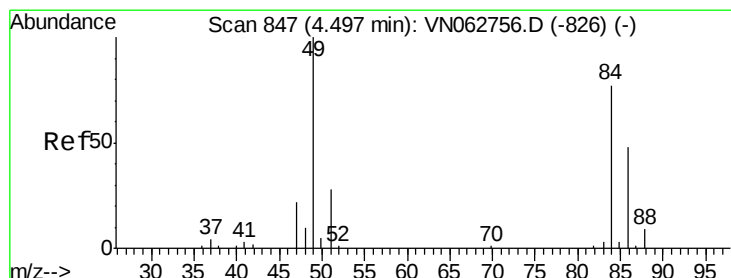
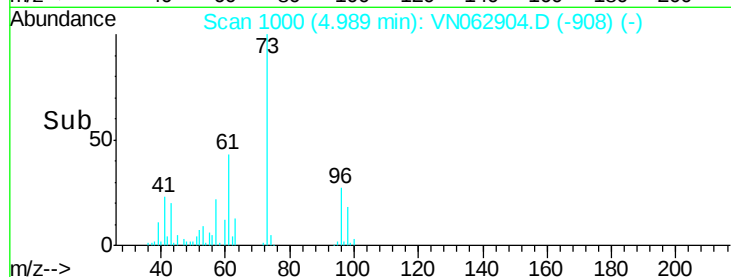
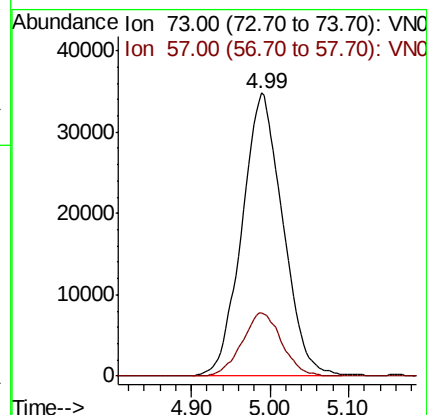
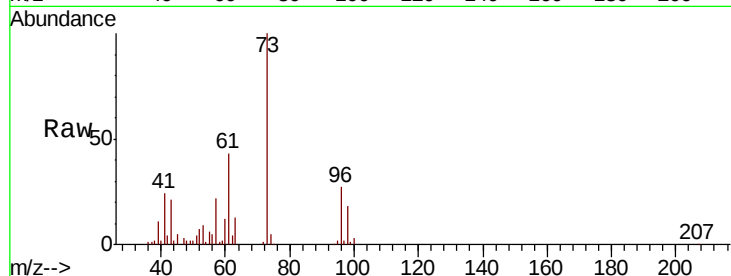
VN0813WBS01

Tot Ion: 73 Resp: 127046

Ion Ratio Lower Upper

73 100

57 22.2 17.5 26.3



#20

Methylene Chloride

Concen: 20.203 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion: 84 Resp: 39098

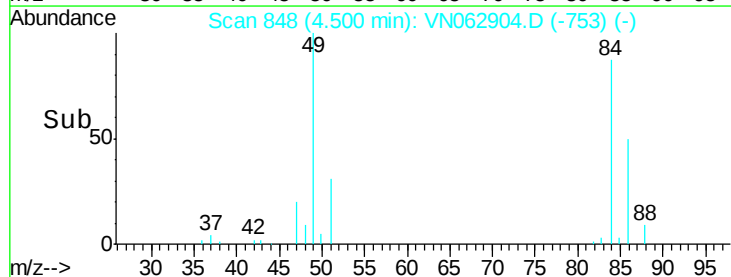
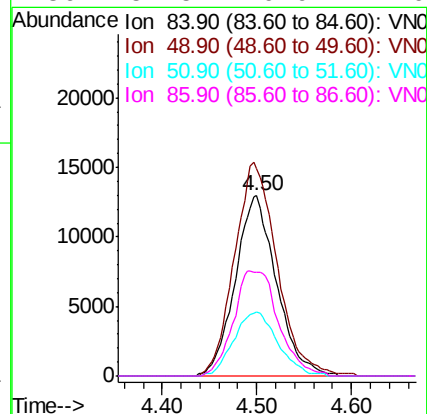
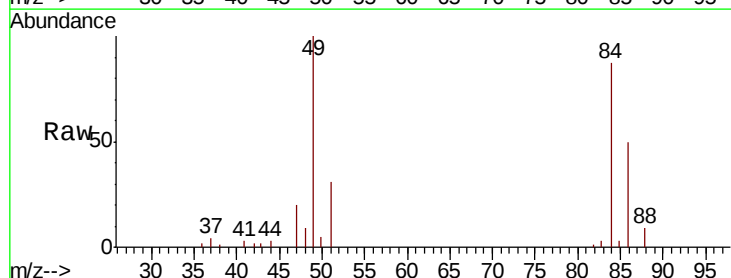
Ion Ratio Lower Upper

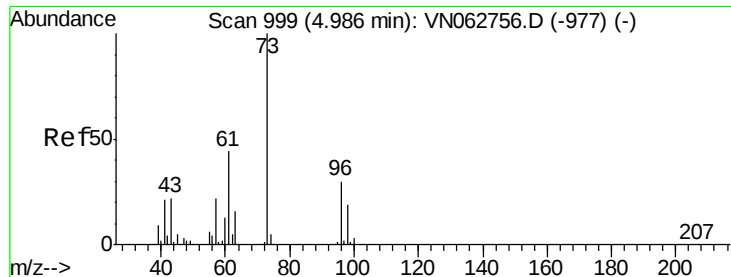
84 100

49 115.3 103.4 155.2

51 35.5 29.3 43.9

86 57.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.220 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

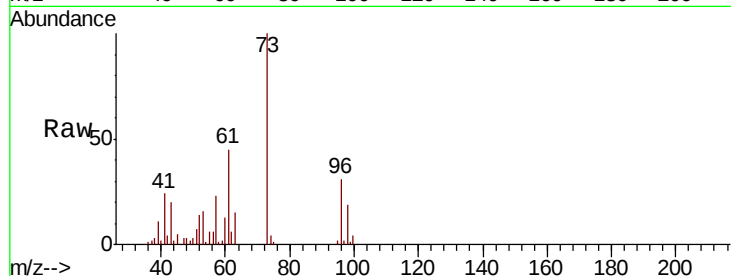
Tot Ion: 96 Resp: 31560

Ion Ratio Lower Upper

96 100

61 143.1 118.8 178.2

98 61.5 51.0 76.4

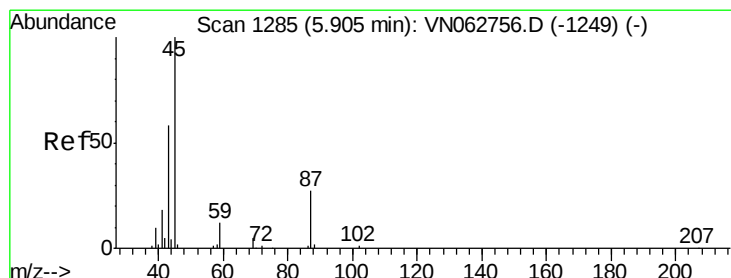
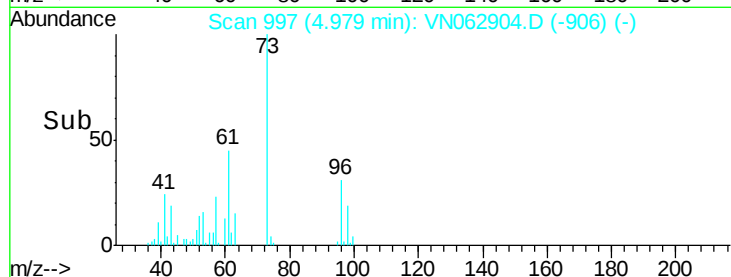
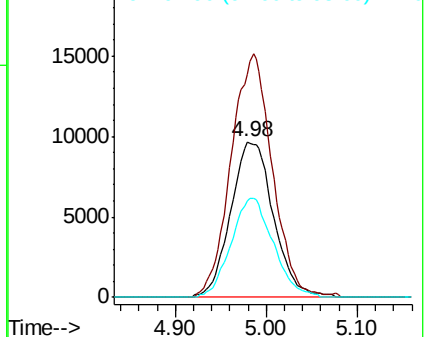


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.168 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion: 45 Resp: 130107

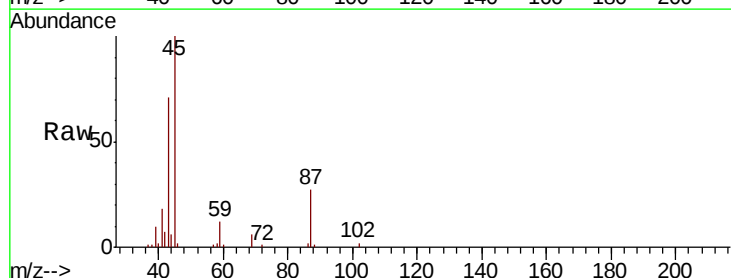
Ion Ratio Lower Upper

45 100

43 67.4 47.4 71.2

87 27.2 22.8 34.2

59 11.6 9.9 14.9



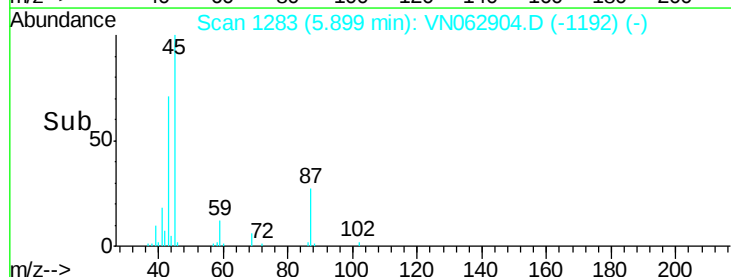
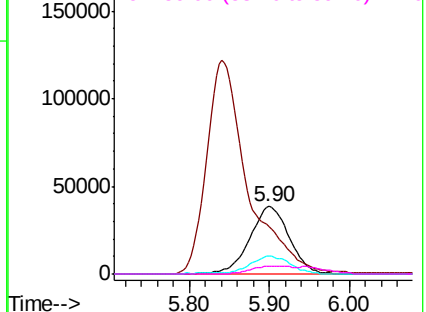
Abundance

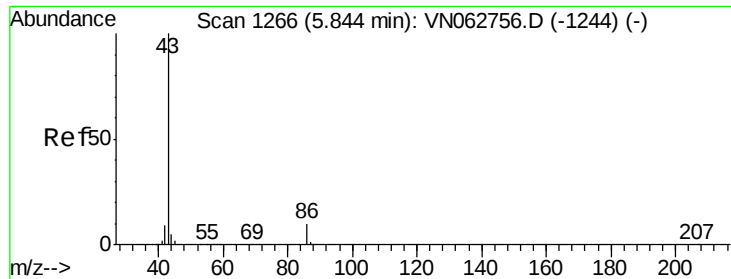
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 88.939 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

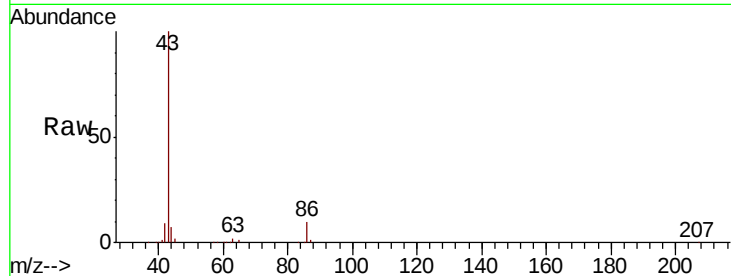
VN0813WBS01

Tot Ion: 43 Resp: 436418

Ion Ratio Lower Upper

43 100

86 10.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1244) (-)

Ion 86.00 (85.70 to 86.70): VN062756.D (-1244) (-)

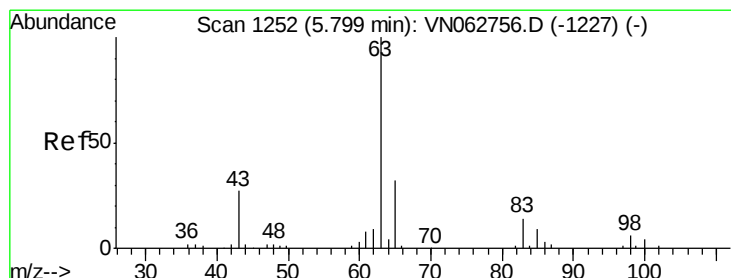
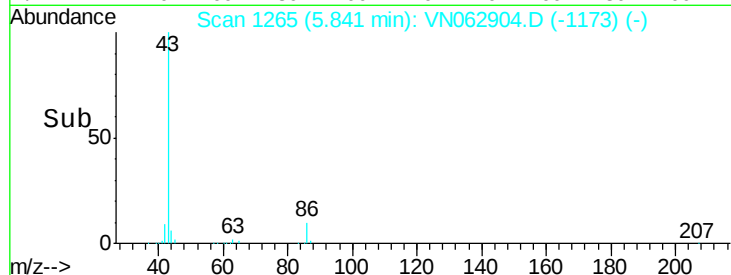
5.84

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.997 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

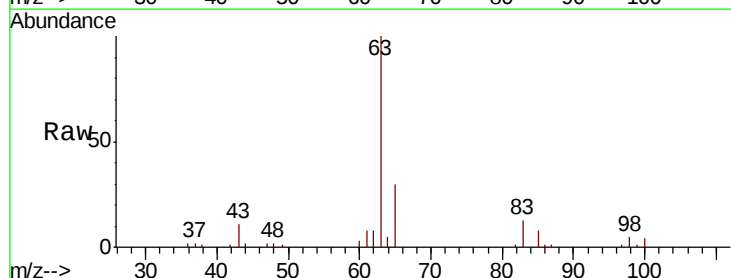
Tgt Ion: 63 Resp: 71821

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062756.D (-1227) (-)

5.79

30000

25000

20000

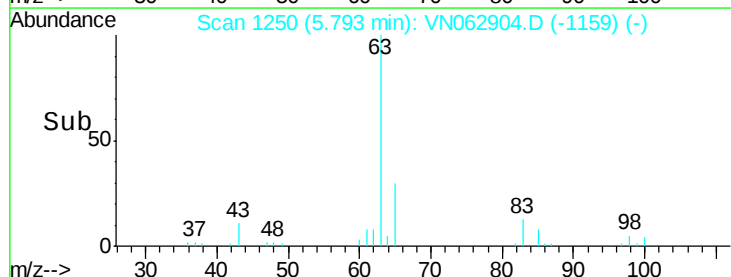
15000

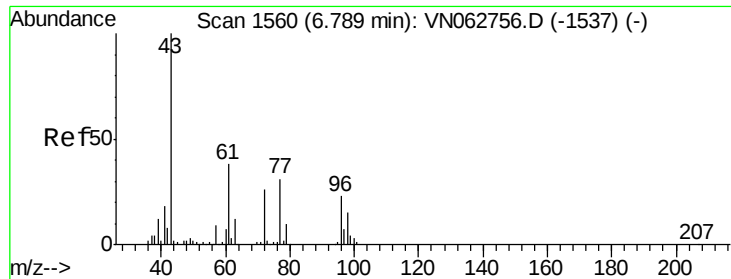
10000

5000

0

Time-->

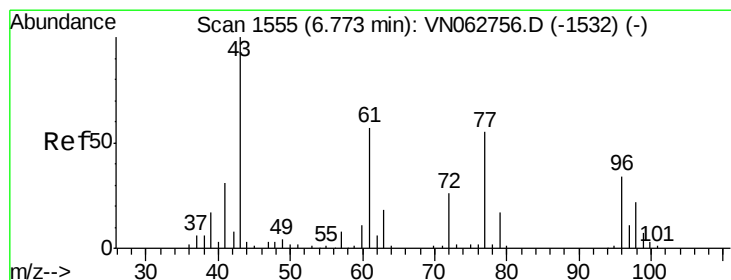
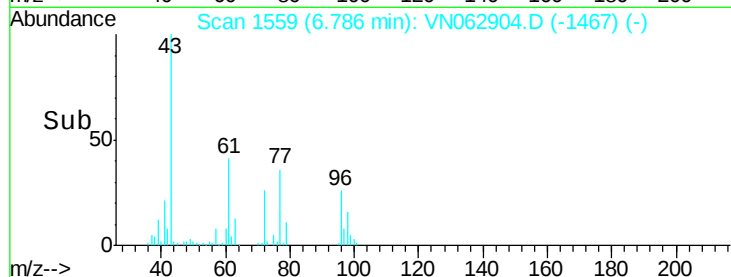
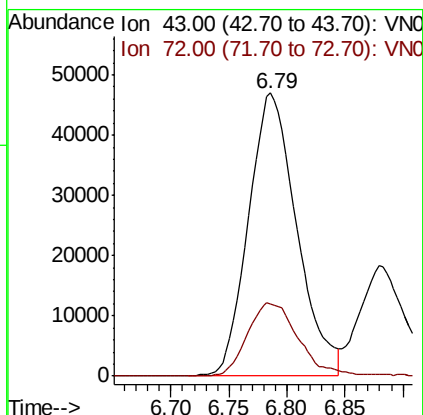
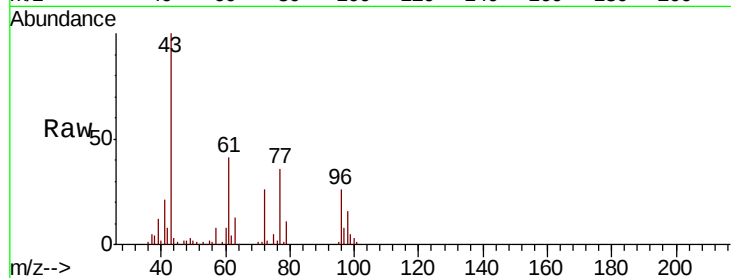




#25
2-Butanone
Concen: 93.104 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

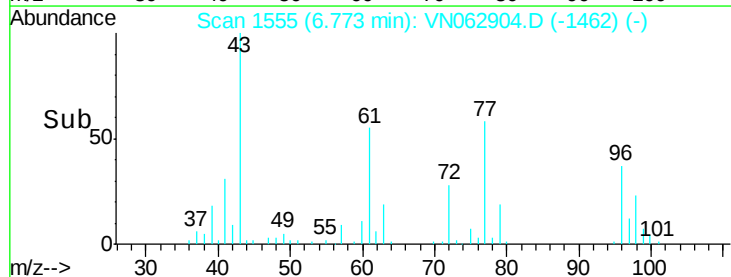
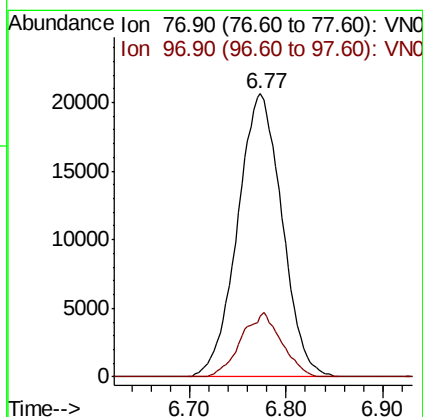
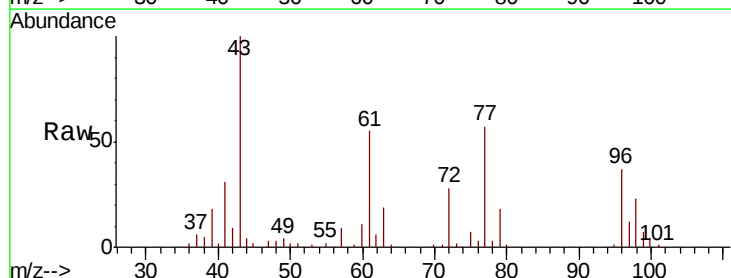
Instrument :
MSVOA_N
ClientSampled :
VN0813WBS01

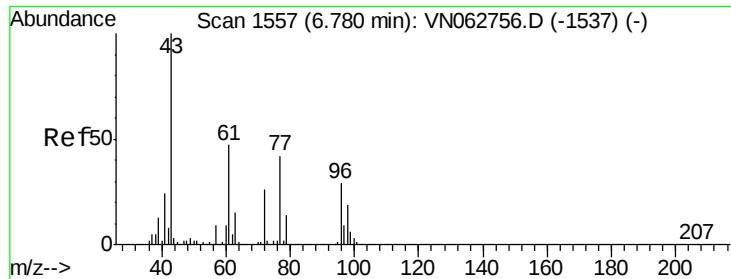
Tot Ion: 43 Resp: 136385
Ion Ratio Lower Upper
43 100
72 25.7 21.1 31.7



#26
2,2-Dichloropropane
Concen: 18.893 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 77 Resp: 65839
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.6

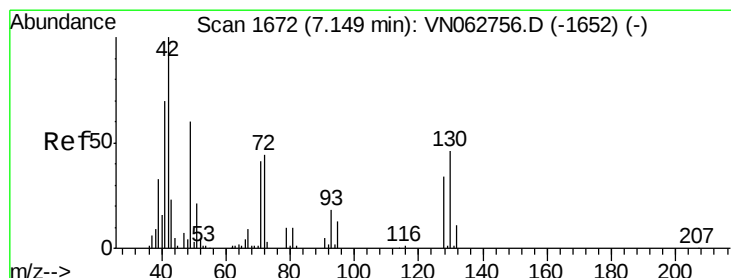
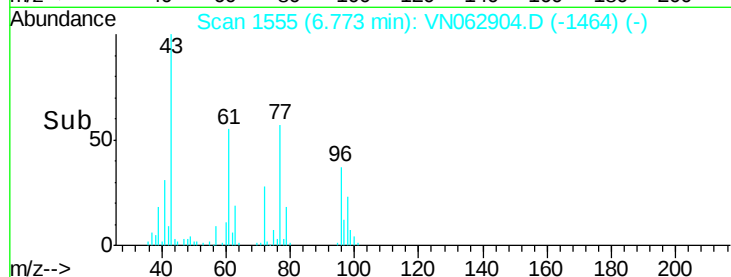
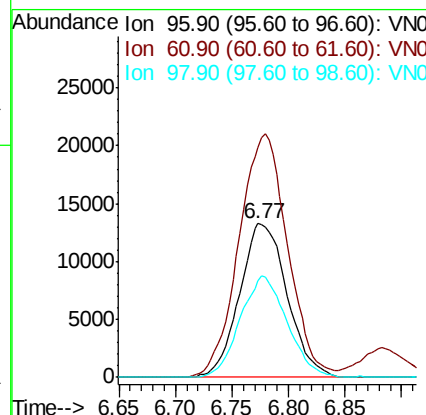
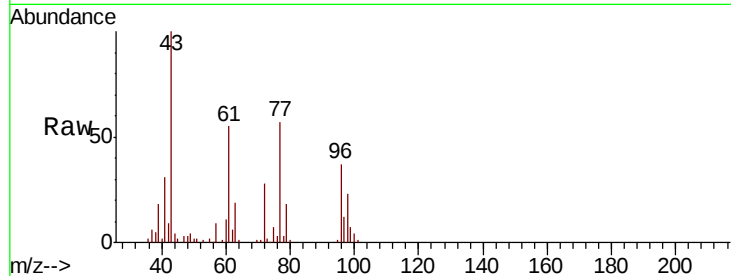




#27
 cis-1,2-Dichloroethene
 Concen: 18.647 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

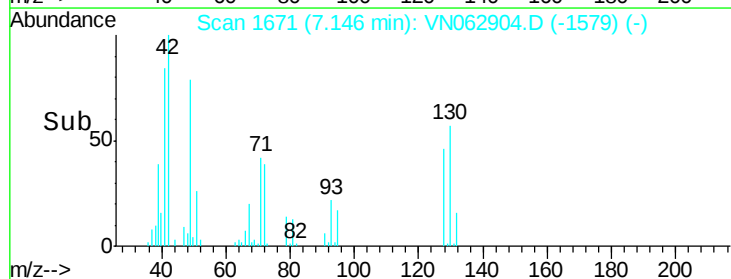
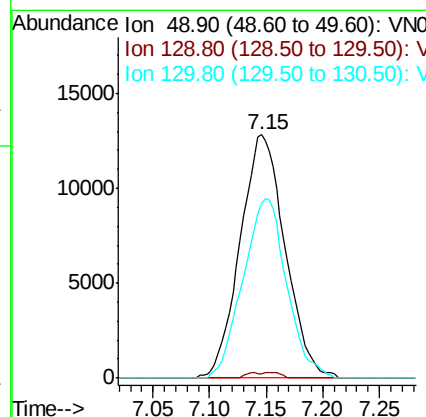
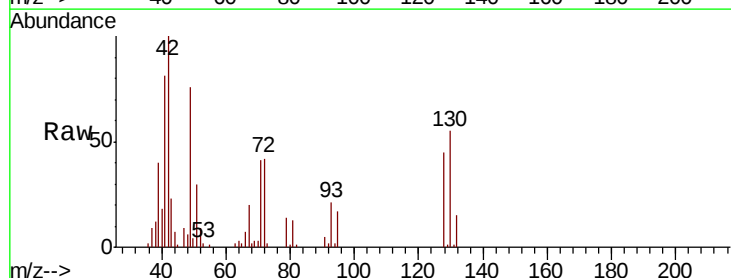
Instrument :
 MSVOA_N
 ClientSampled :
 VN0813WBS01

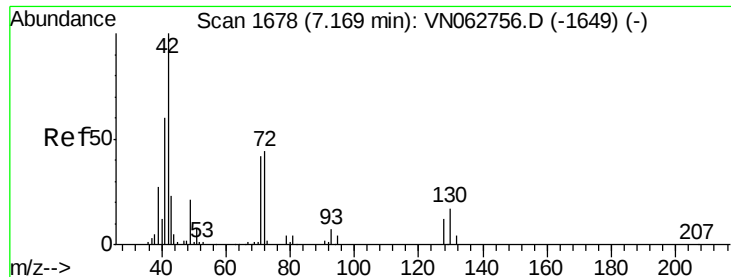
Tot Ion: 96 Resp: 38747
 Ion Ratio Lower Upper
 96 100
 61 162.4 0.0 332.2
 98 65.1 0.0 129.4



#28
 Bromochloromethane
 Concen: 19.396 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion: 49 Resp: 35390
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.2
 130 71.5 59.0 88.6

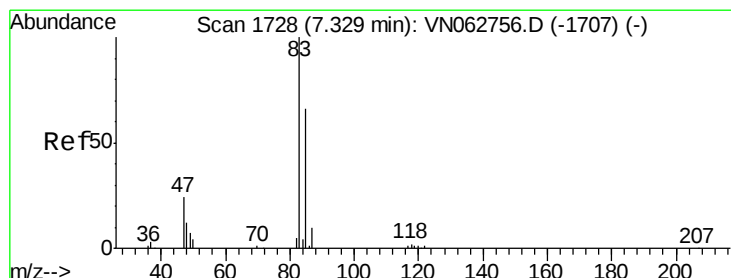
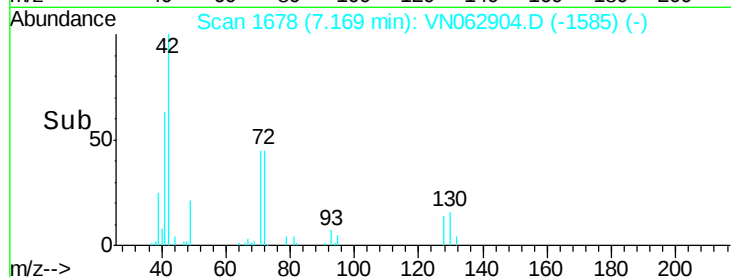
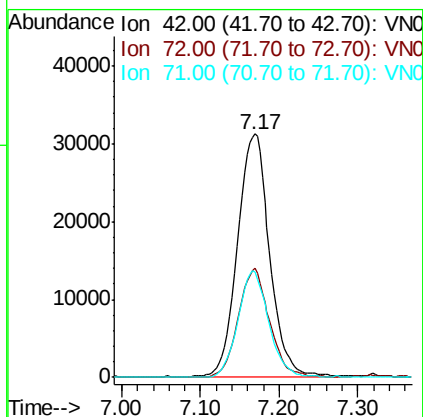
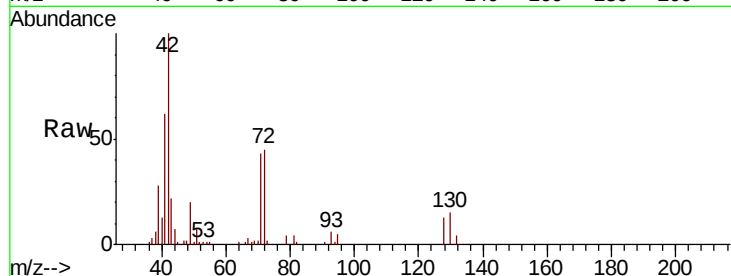




#29
Tetrahydrofuran
Concen: 94.498 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

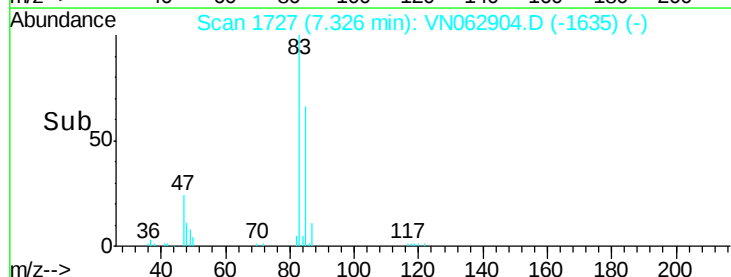
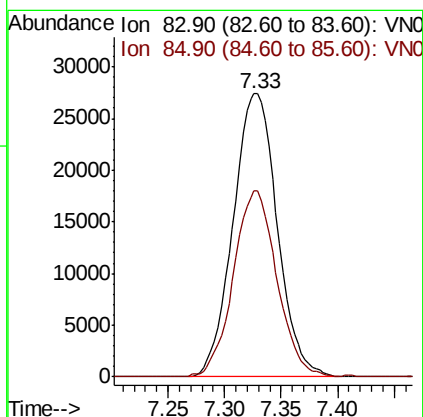
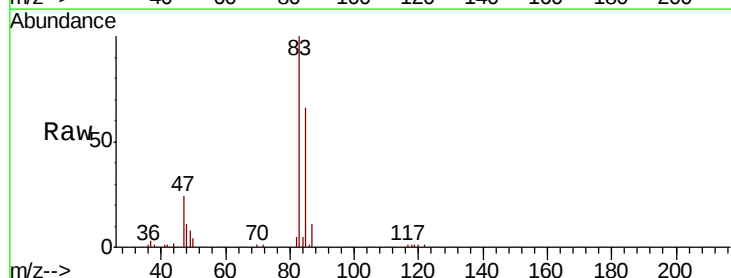
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

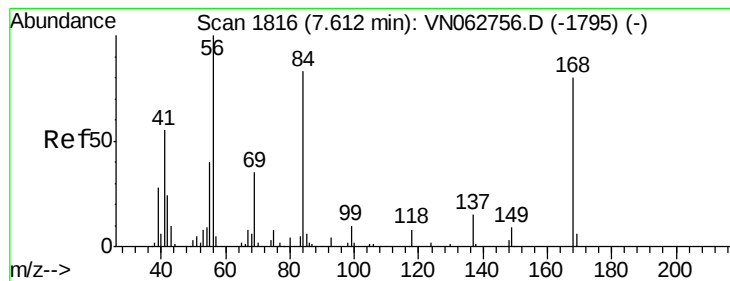
Tot Ion: 42 Resp: 89932
Ion Ratio Lower Upper
42 100
72 43.1 35.0 52.4
71 41.8 33.2 49.8



#30
Chloroform
Concen: 18.506 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 83 Resp: 74353
Ion Ratio Lower Upper
83 100
85 65.9 52.7 79.1





#31

Cyclohexane

Concen: 18.770 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

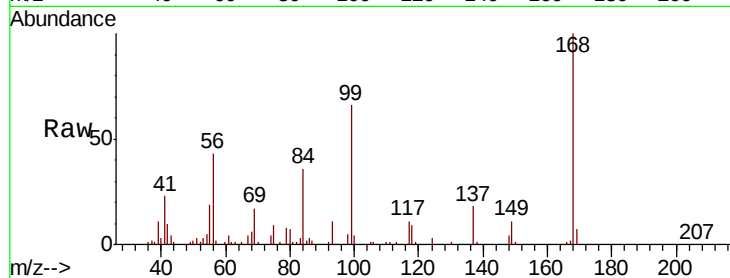
Tot Ion: 56 Resp: 65139

Ion Ratio Lower Upper

56 100

69 38.7 28.1 42.1

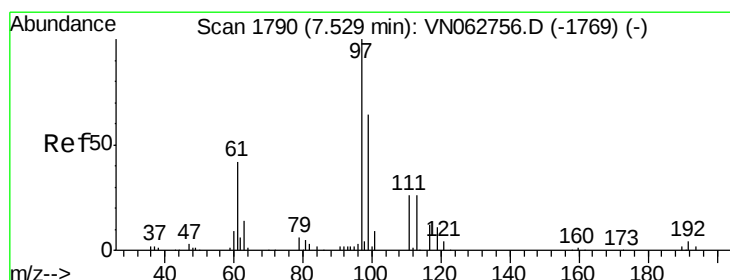
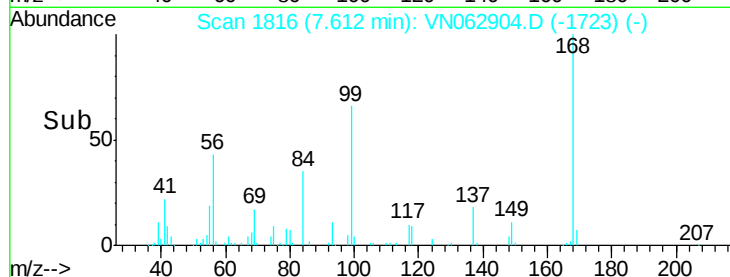
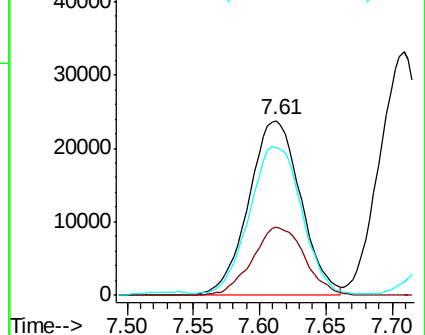
84 83.2 66.8 100.2



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: 18.261 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

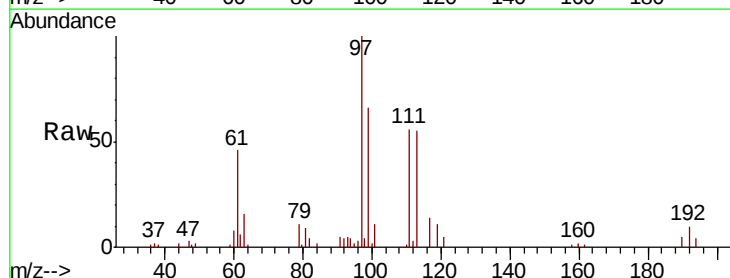
Tgt Ion: 97 Resp: 65598

Ion Ratio Lower Upper

97 100

99 64.2 50.0 75.0

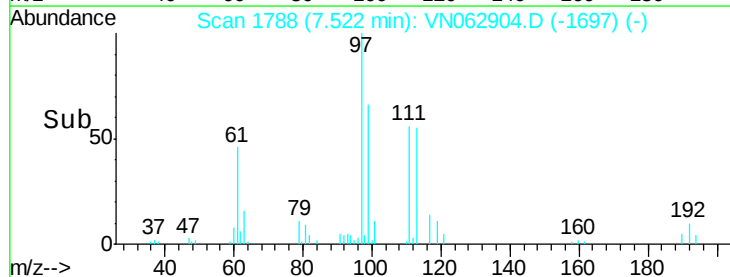
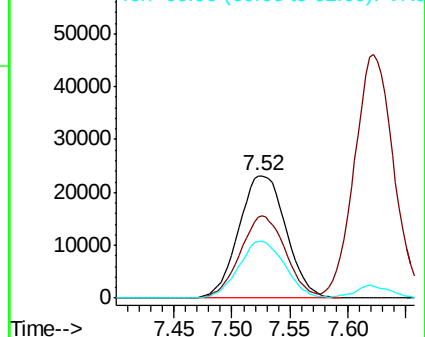
61 45.3 34.8 52.2

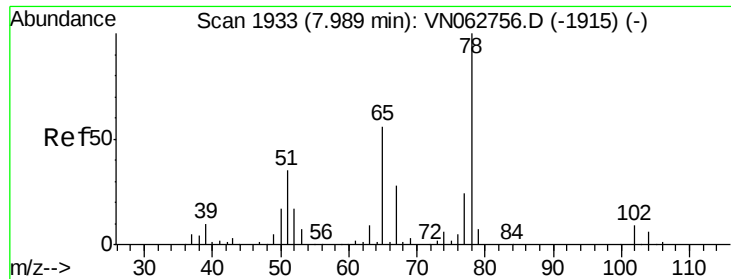


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.048 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

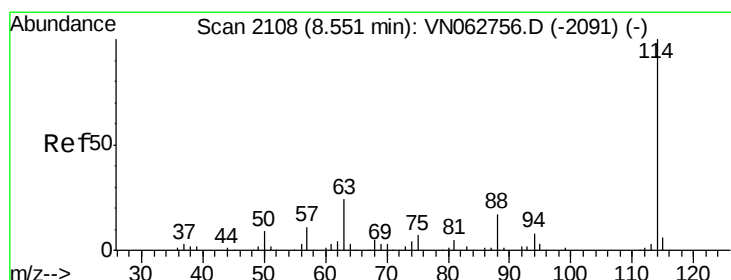
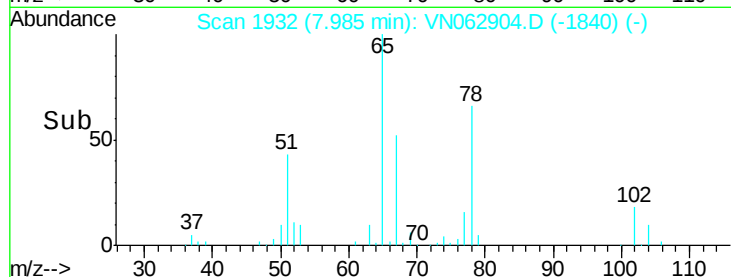
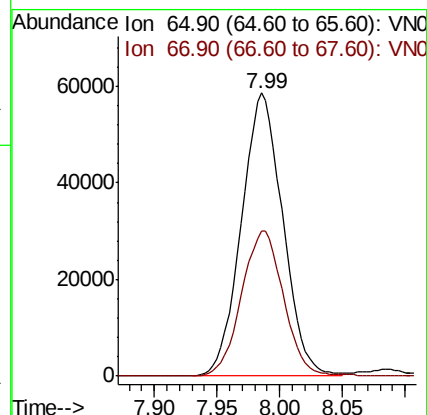
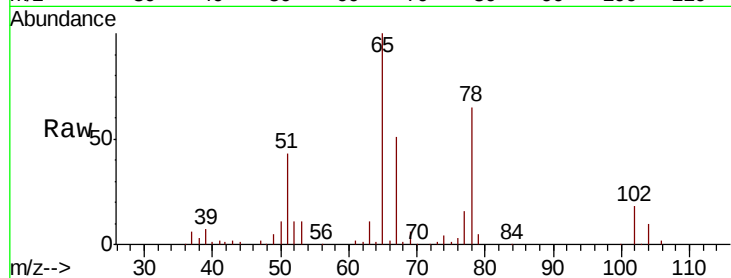
VN0813WBS01

Tot Ion: 65 Resp: 134668

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

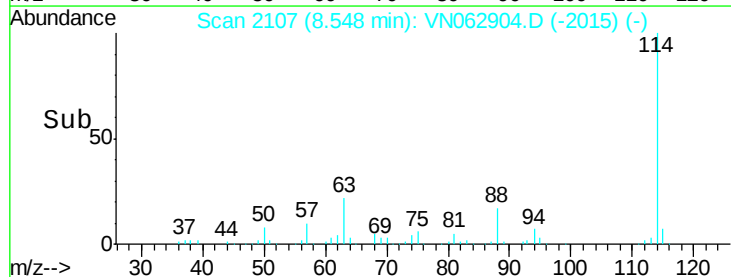
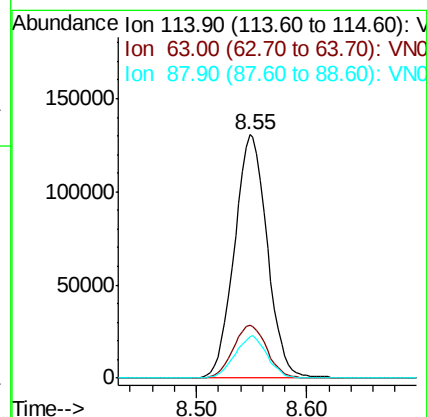
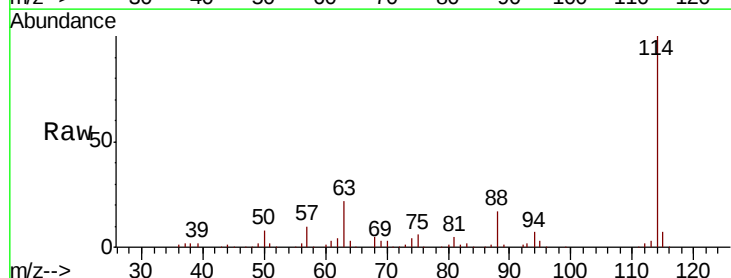
Tgt Ion: 114 Resp: 269354

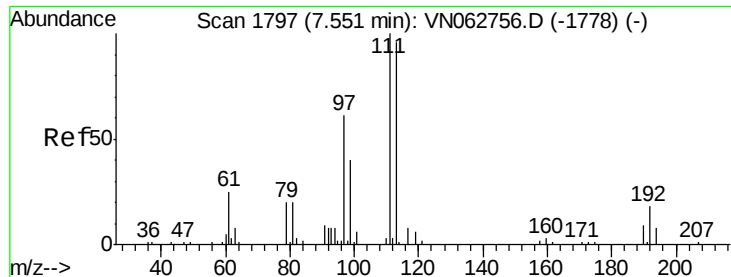
Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.6

88 17.0 0.0 34.4

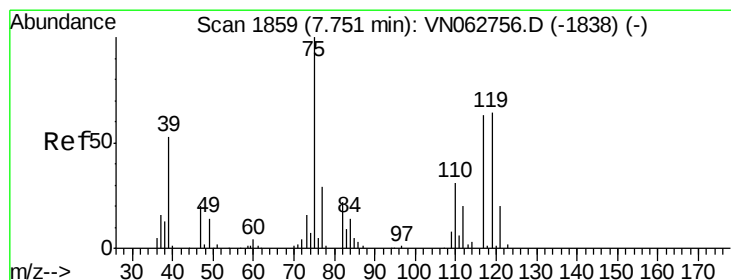
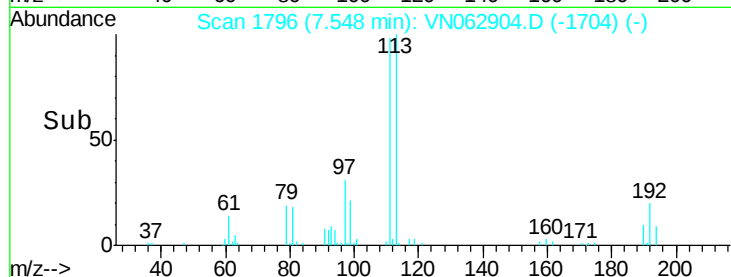
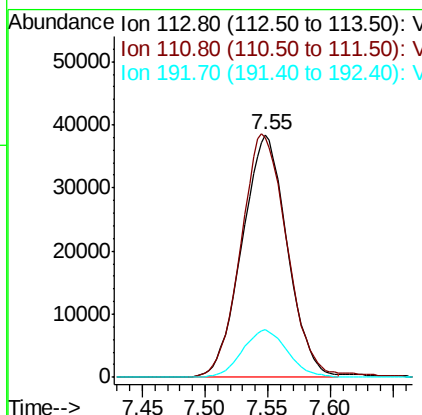
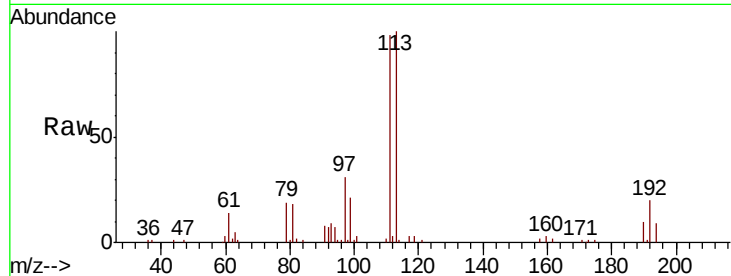




#35
Dibromofluoromethane
Concen: 52.235 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

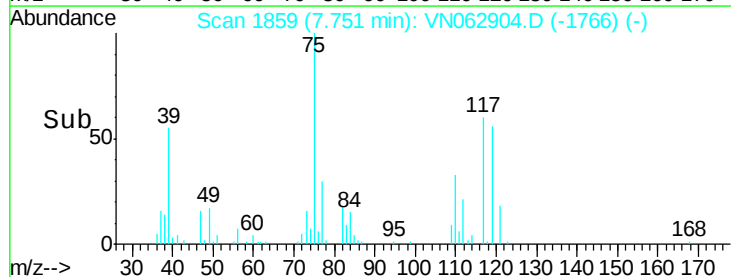
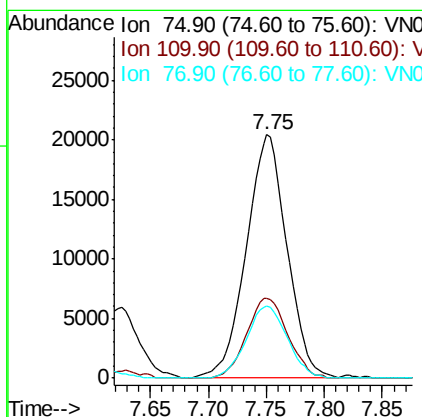
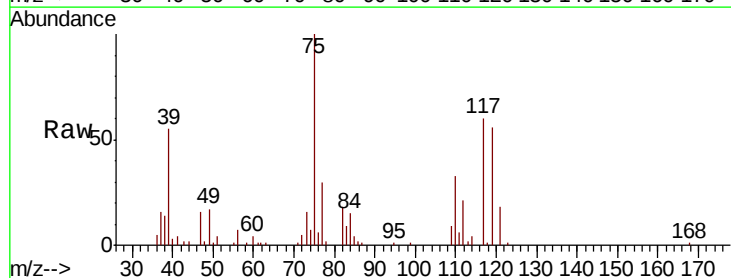
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

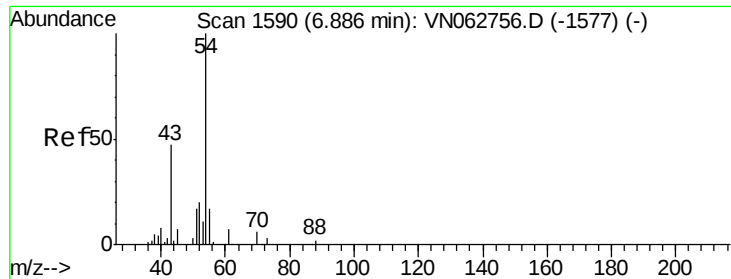
Tot Ion:113 Resp: 96245
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 19.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 19.013 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 75 Resp: 49867
Ion Ratio Lower Upper
75 100
110 33.1 15.6 46.7
77 29.9 24.1 36.1

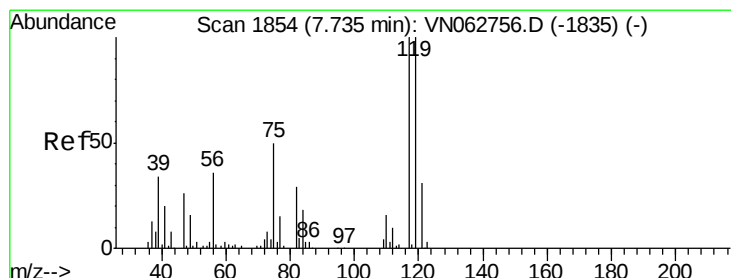
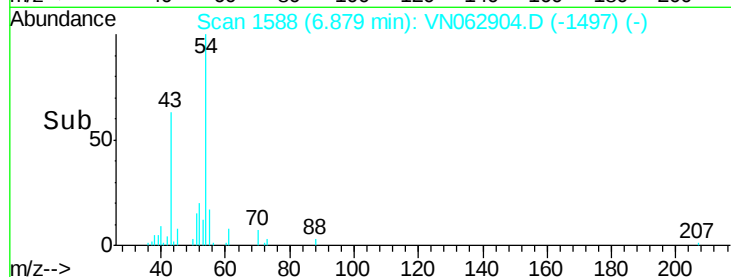
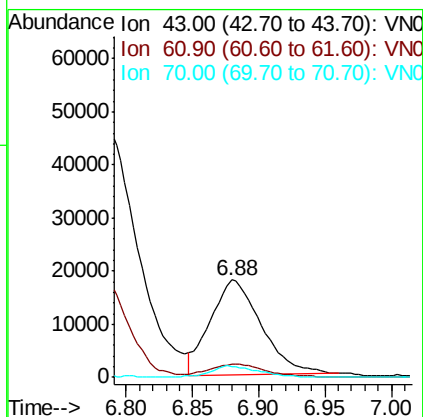
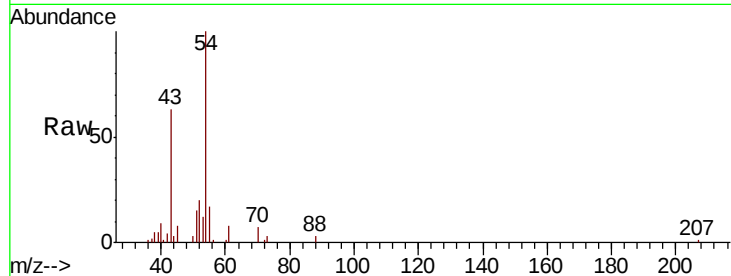




#37
Ethyl Acetate
Concen: 17.452 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

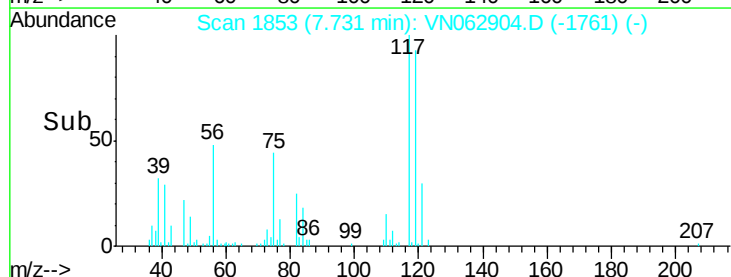
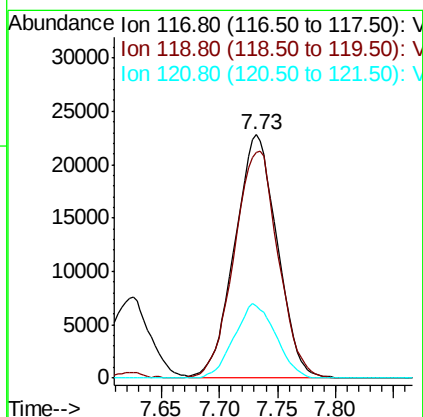
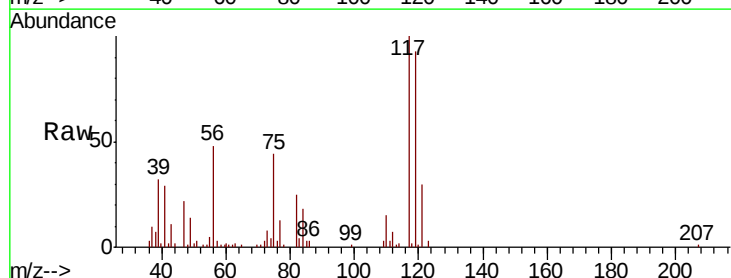
Instrument :
MSVOA_N
ClientSampled :
VN0813WBS01

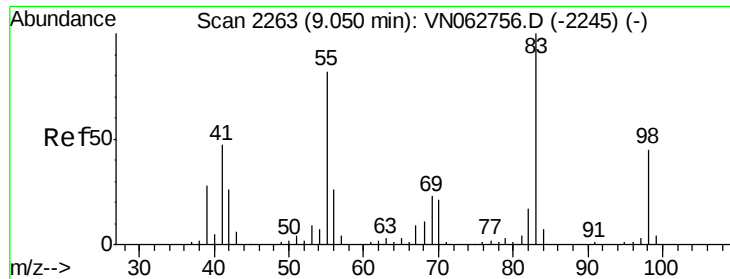
Tot Ion: 43 Resp: 47812
Ion Ratio Lower Upper
43 100
61 15.6 12.1 18.1
70 11.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 18.721 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 117 Resp: 58069
Ion Ratio Lower Upper
117 100
119 92.6 79.4 119.2
121 29.6 24.9 37.3

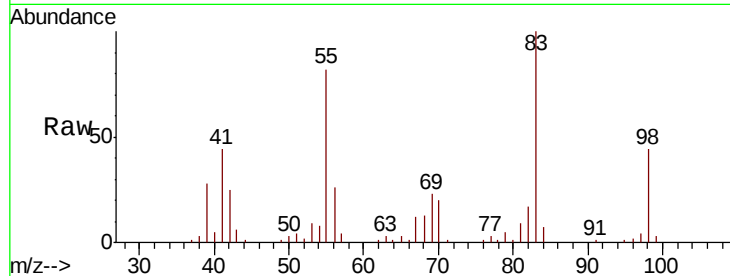




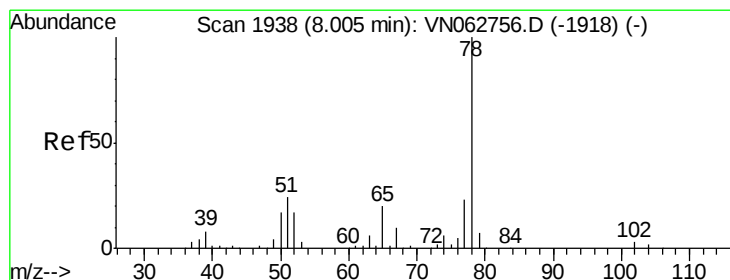
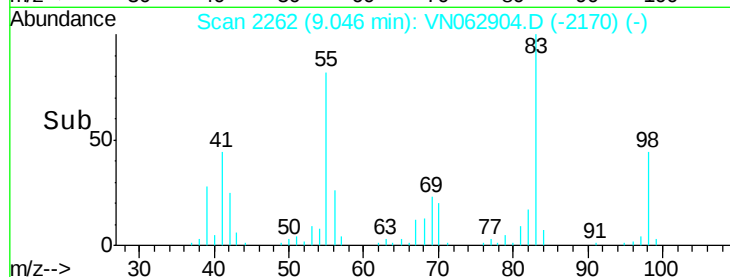
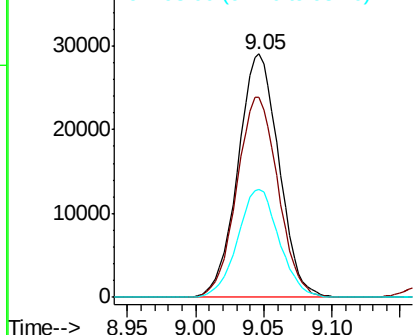
#39
Methvlcvclohexane
Concen: 19.151 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion: 83 Resp: 60447
Ion Ratio Lower Upper
83 100
55 81.9 65.7 98.5
98 44.4 35.6 53.4

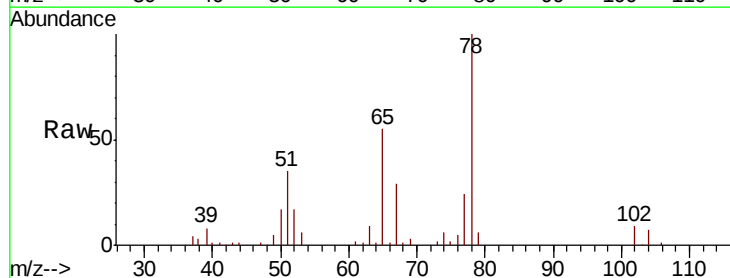


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

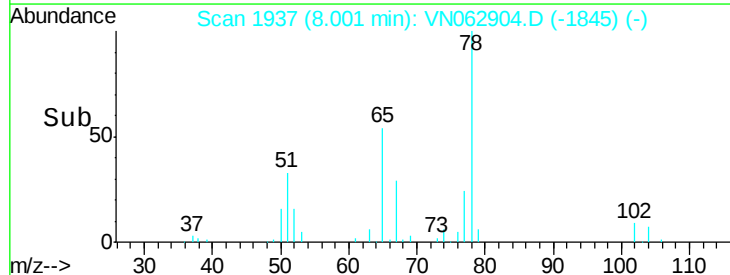
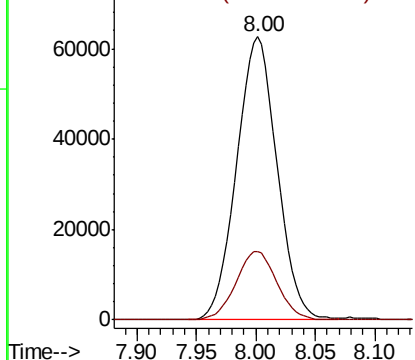


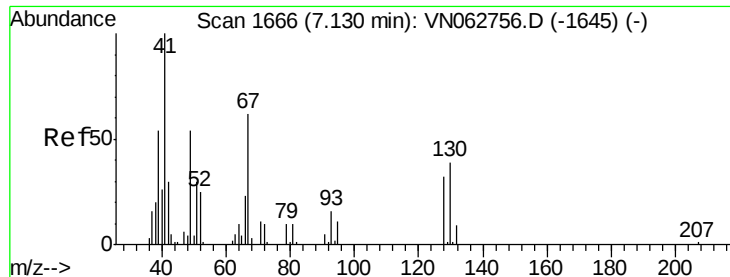
#40
Benzene
Concen: 18.852 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 78 Resp: 147541
Ion Ratio Lower Upper
78 100
77 24.3 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

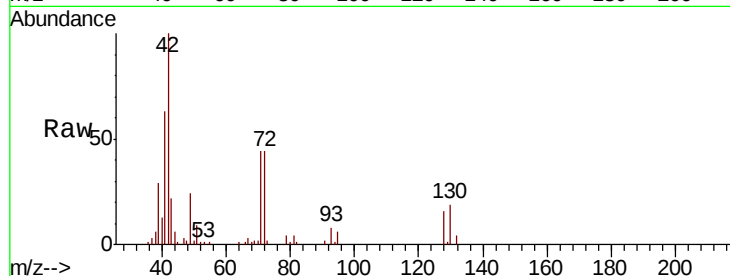




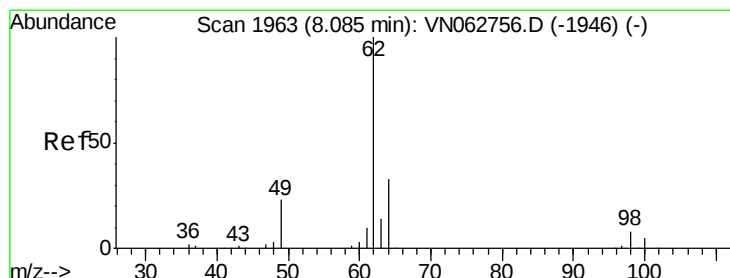
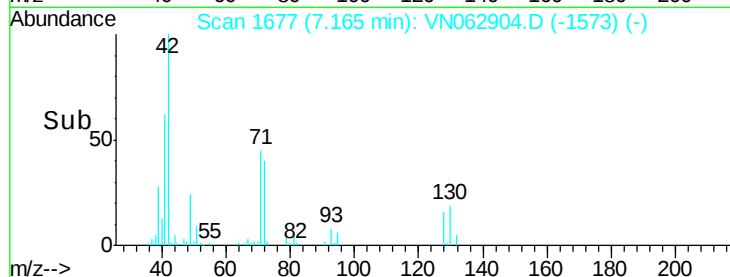
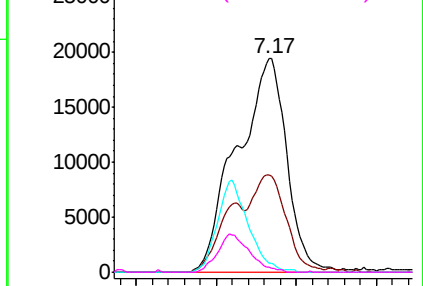
#41
Methacrylonitrile
Concen: 66.843 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion:	41	Resp:	82636
Ion	Ratio	Lower	Upper
41	100		
39	27.3	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

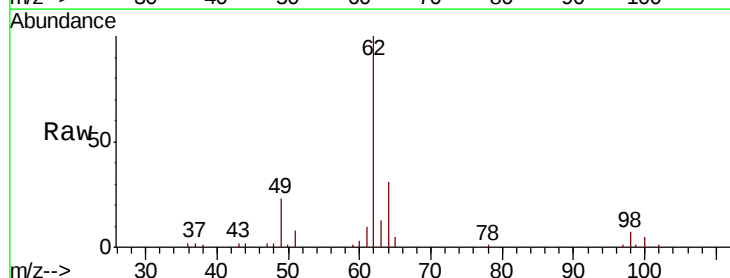


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

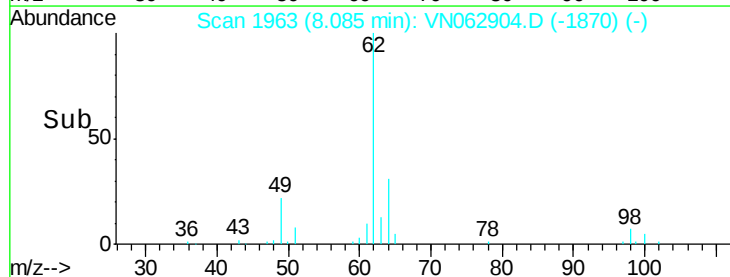
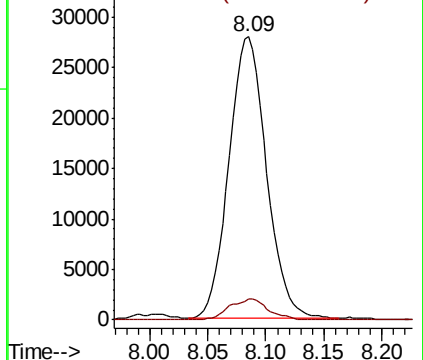


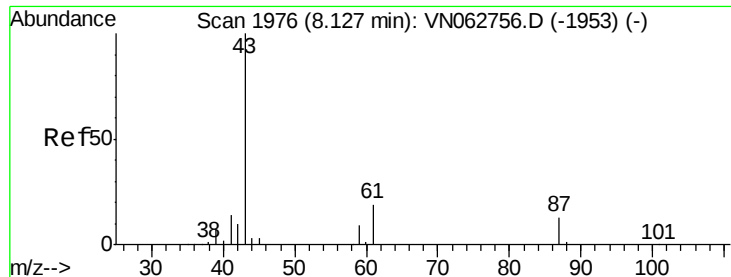
#42
1,2-Dichloroethane
Concen: 18.836 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion:	62	Resp:	62744
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.307 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

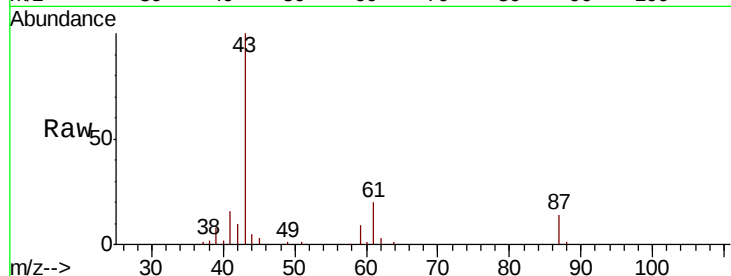
Tot Ion: 43 Resp: 83660

Ion Ratio Lower Upper

43 100

61 27.9 15.8 23.6#

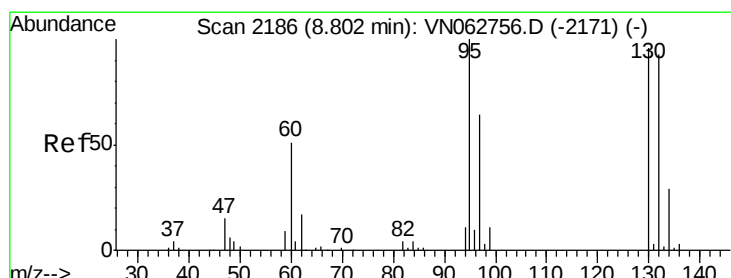
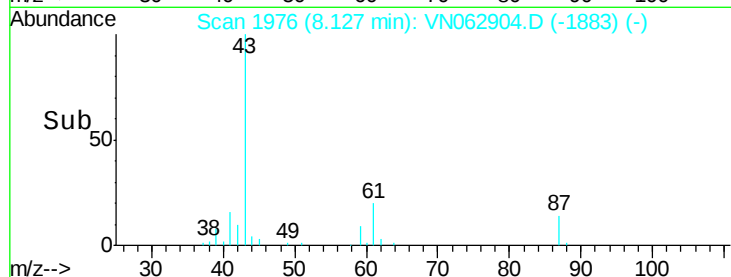
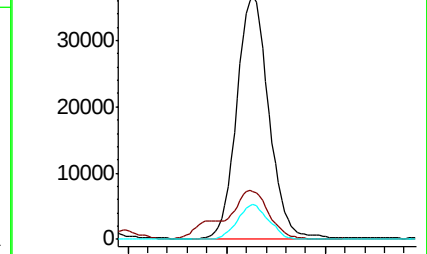
87 13.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#44

Trichloroethene

Concen: 19.058 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062904.D

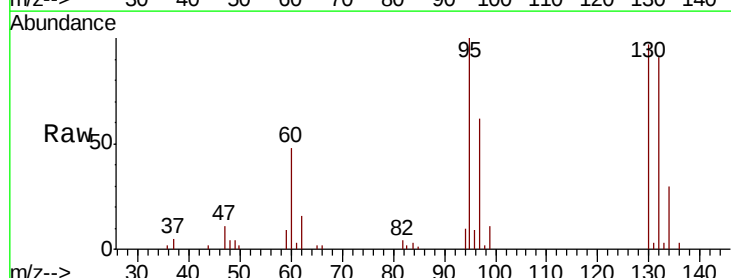
Acq: 13 Aug 2020 12:15

Tgt Ion:130 Resp: 36339

Ion Ratio Lower Upper

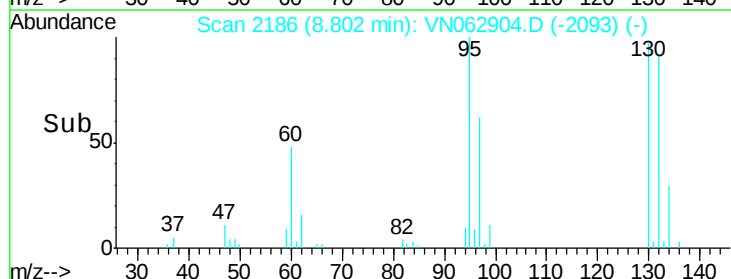
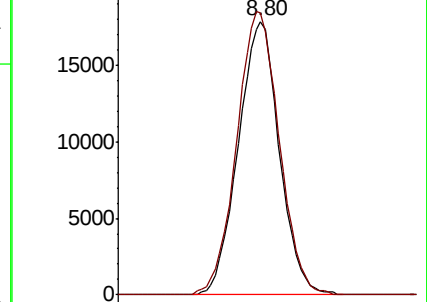
130 100

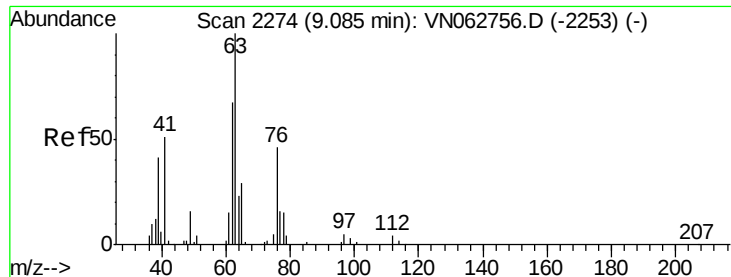
95 103.5 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 20.193 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

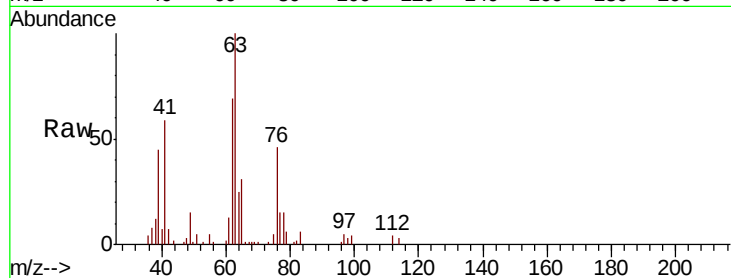
VN0813WBS01

Tot Ion: 63 Resp: 42773

Ion Ratio Lower Upper

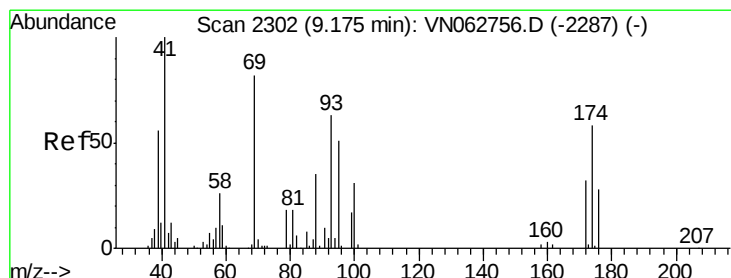
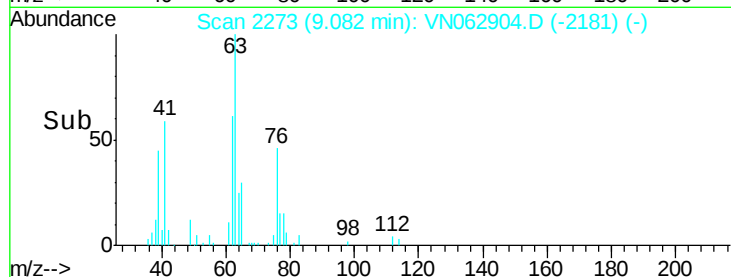
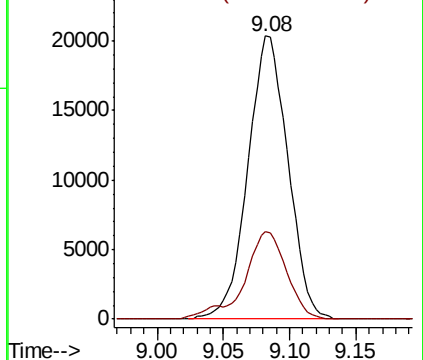
63 100

65 30.8 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.085 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

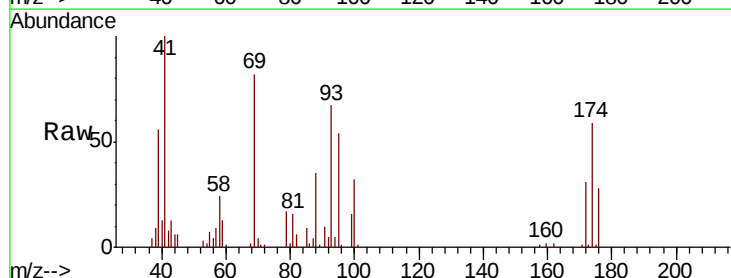
Tgt Ion: 93 Resp: 27876

Ion Ratio Lower Upper

93 100

95 82.6 65.1 97.7

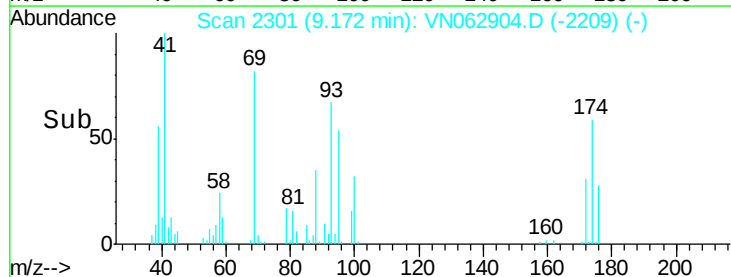
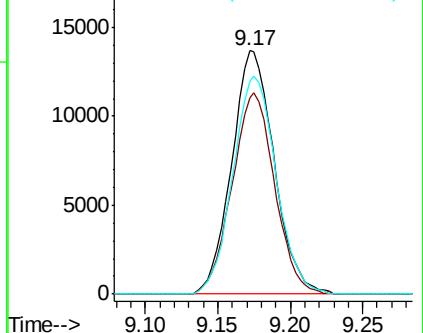
174 91.2 73.9 110.9

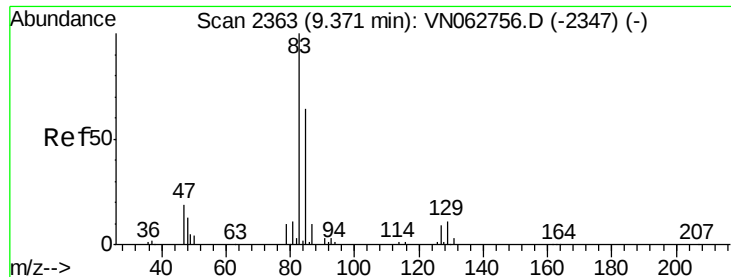


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.591 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

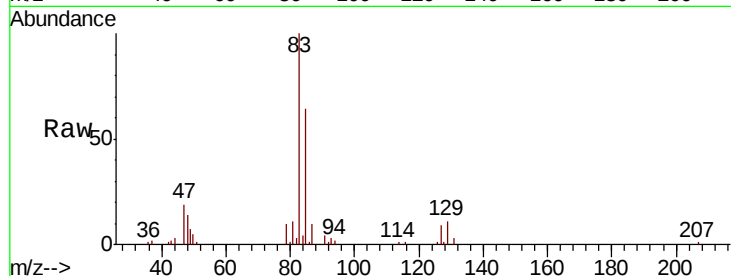
Tot Ion: 83 Resp: 61066

Ion Ratio Lower Upper

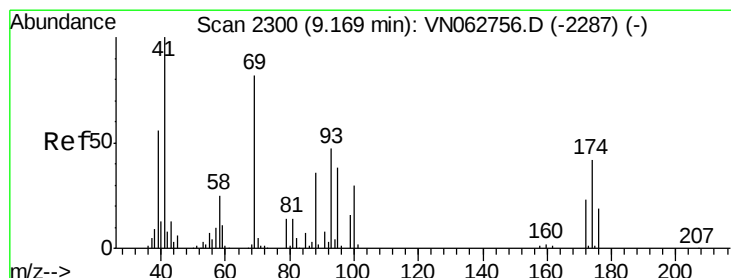
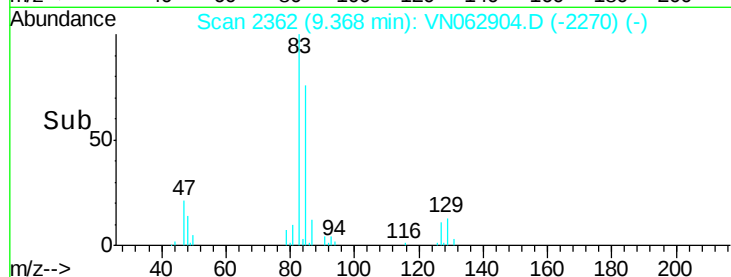
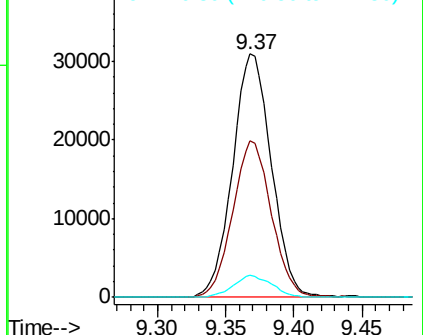
83 100

85 64.3 51.4 77.0

127 9.0 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): VN0



#48

Methyl methacrylate

Concen: 18.672 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

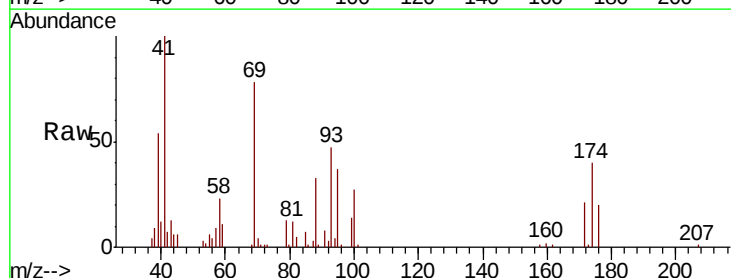
Tgt Ion: 41 Resp: 41969

Ion Ratio Lower Upper

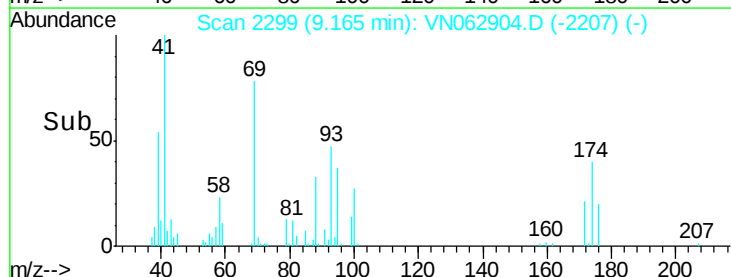
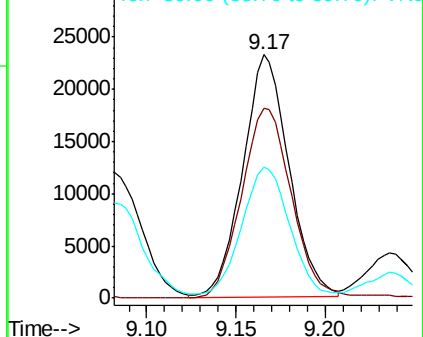
41 100

69 84.7 67.4 101.2

39 57.3 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

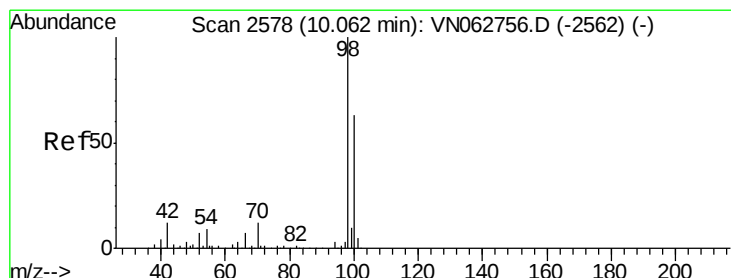
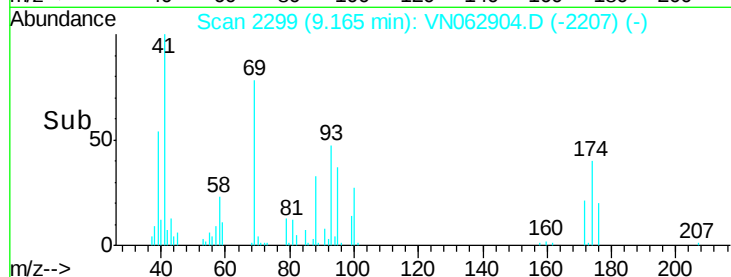
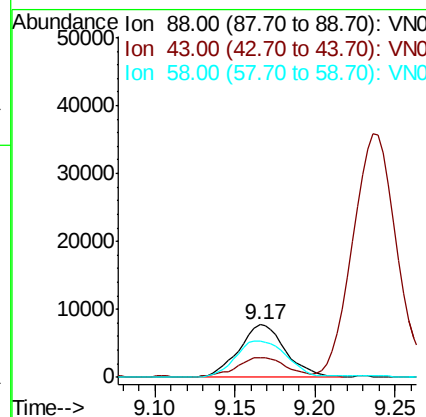
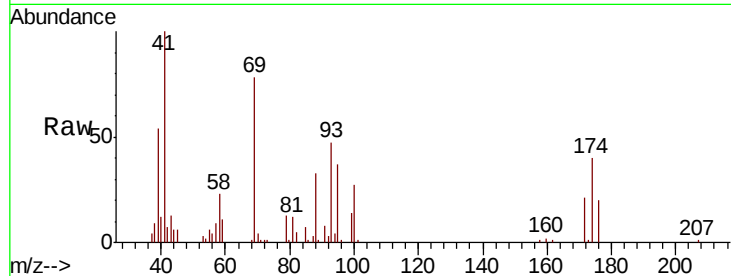




#49
1,4-Dioxane
Concen: 371.539 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

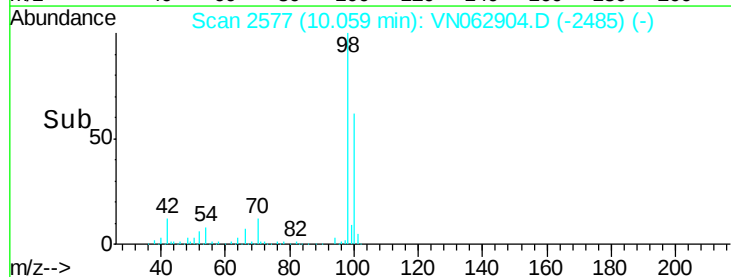
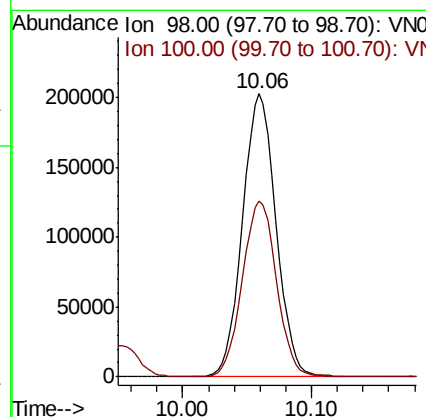
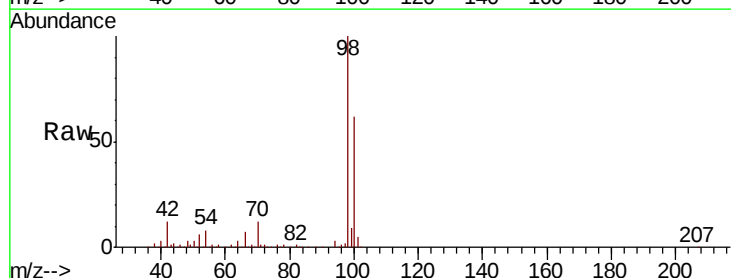
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

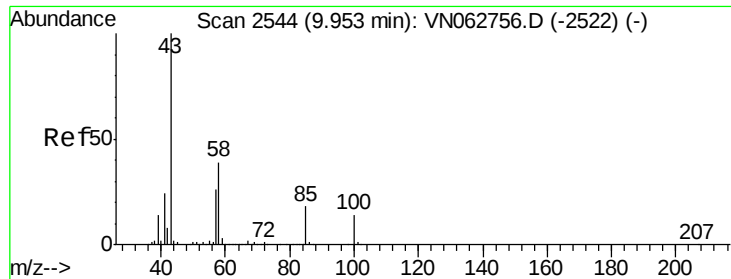
Tot Ion: 88 Resp: 15474
Ion Ratio Lower Upper
88 100
43 40.7 29.5 44.3
58 76.4 59.8 89.8



#50
Toluene-d8
Concen: 50.902 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 98 Resp: 366155
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 96.091 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

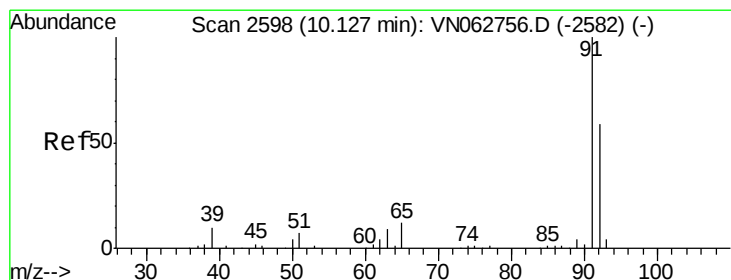
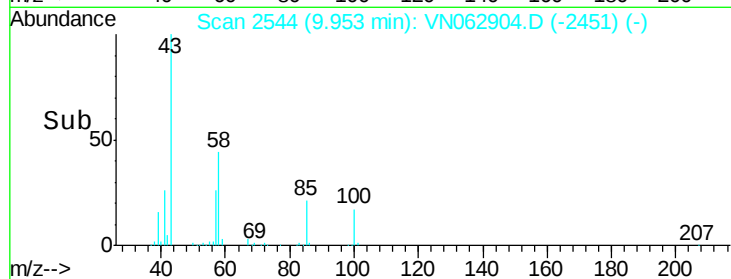
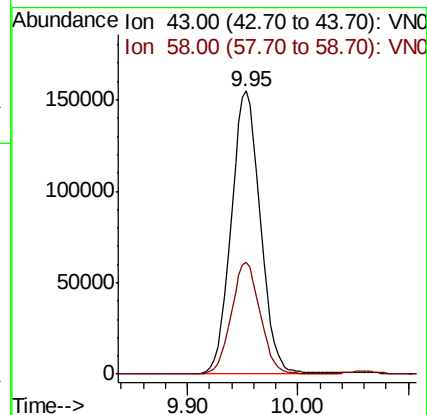
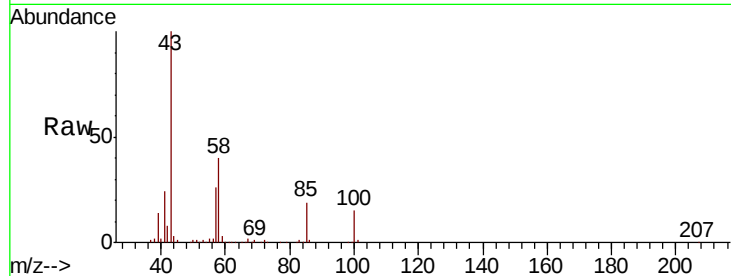
VN0813WBS01

Tot Ion: 43 Resp: 284110

Ion Ratio Lower Upper

43 100

58 39.0 31.1 46.7



#52

Toluene

Concen: 19.567 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062904.D

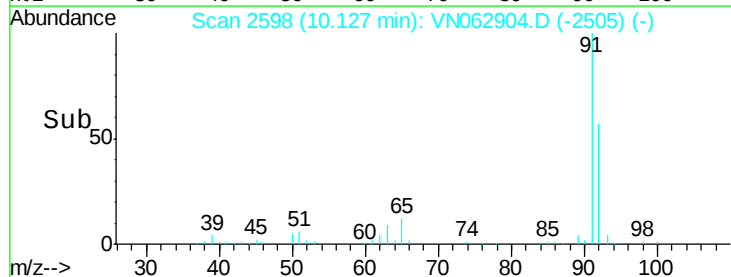
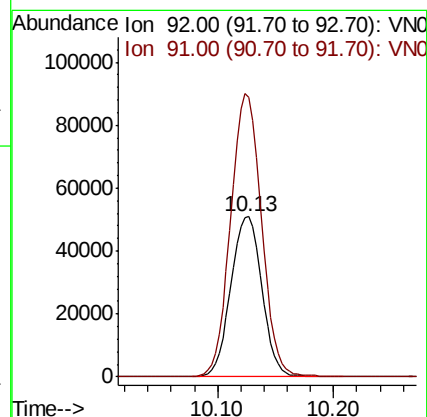
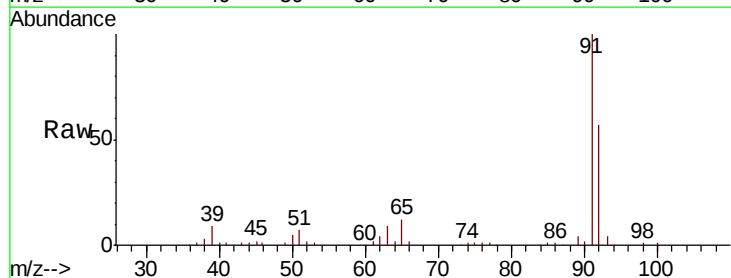
Acq: 13 Aug 2020 12:15

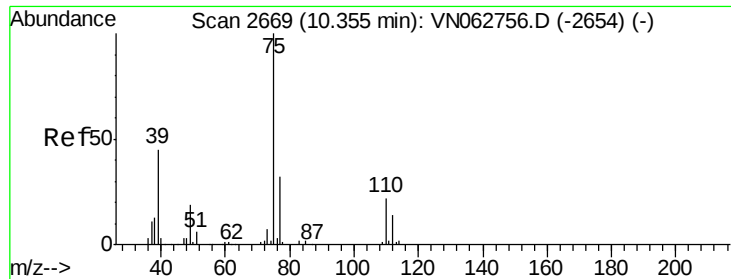
Tgt Ion: 92 Resp: 94551

Ion Ratio Lower Upper

92 100

91 175.0 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 18.627 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

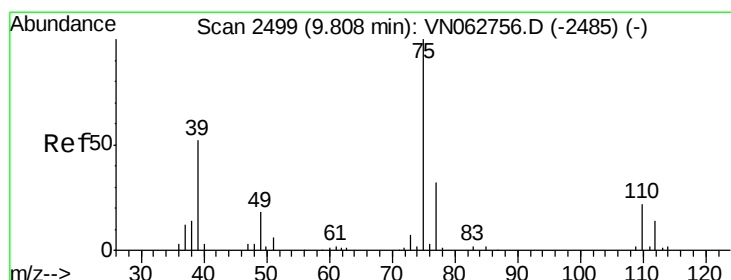
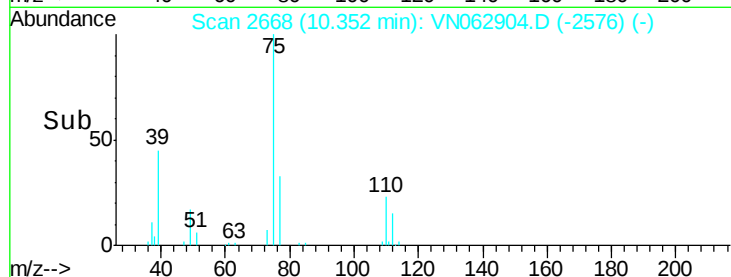
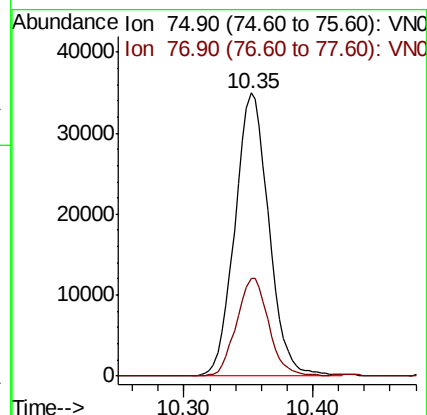
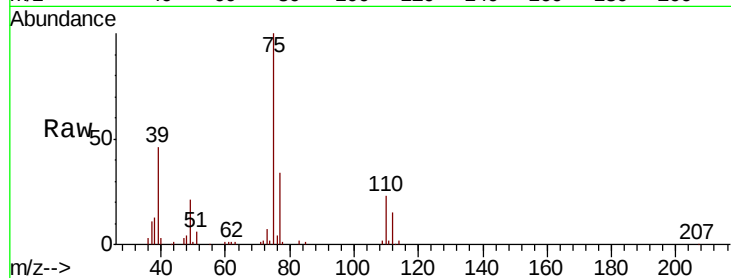
VN0813WBS01

Tot Ion: 75 Resp: 63867

Ion Ratio Lower Upper

75 100

77 34.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.599 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

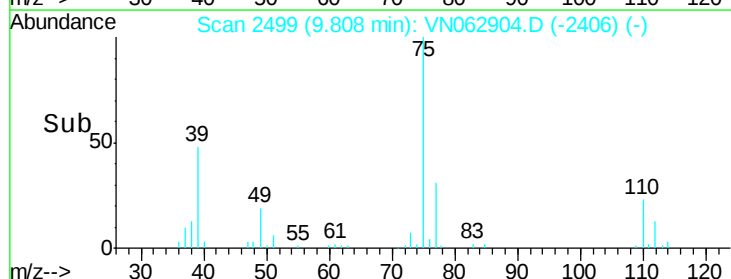
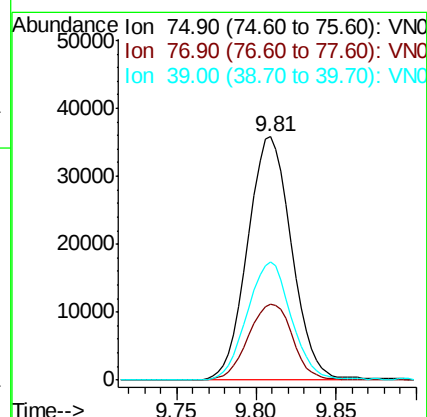
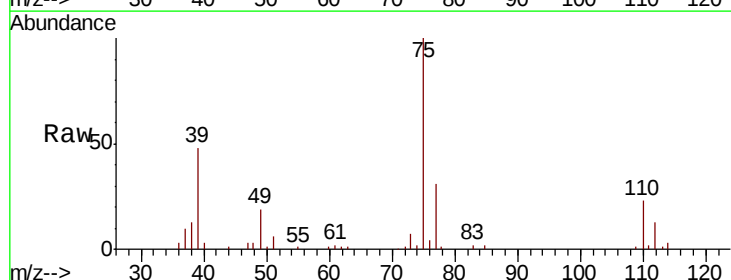
Tgt Ion: 75 Resp: 67470

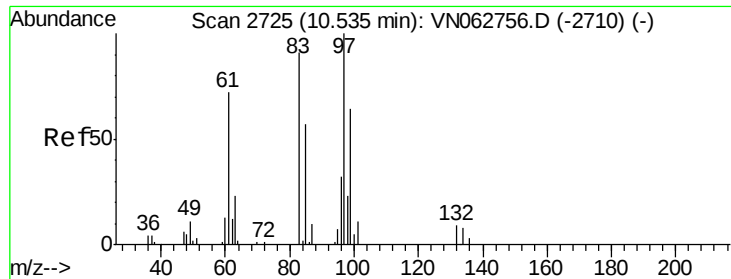
Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

39 48.4 41.9 62.9

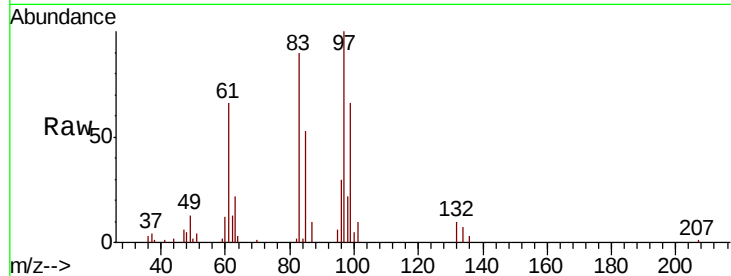




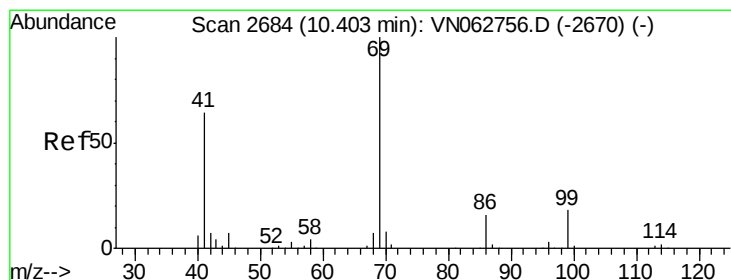
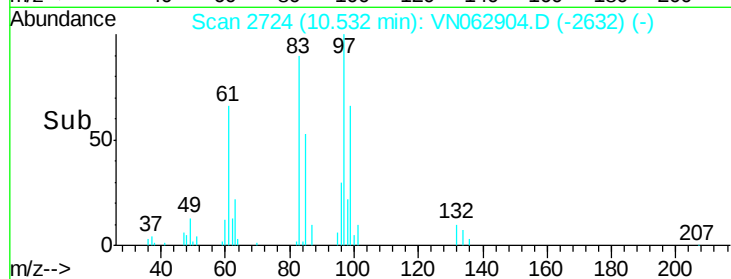
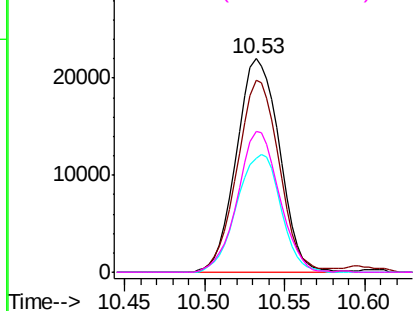
#55
 1,1,2-Trichloroethane
 Concen: 19.584 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion: 97 Resp: 40417
 Ion Ratio Lower Upper
 97 100
 83 89.7 72.6 108.8
 85 53.4 46.0 69.0
 99 65.8 51.1 76.7

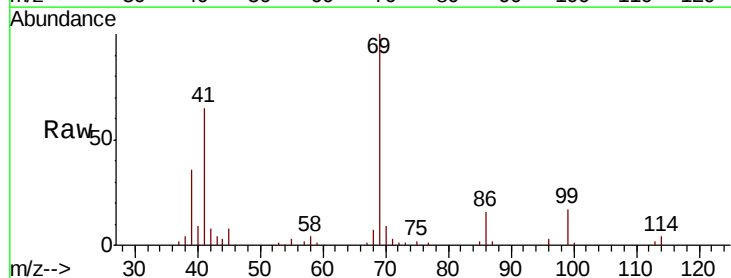


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

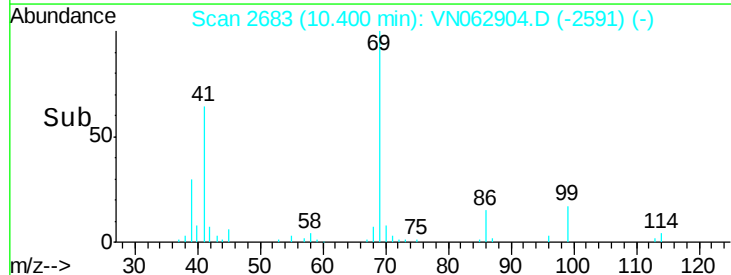
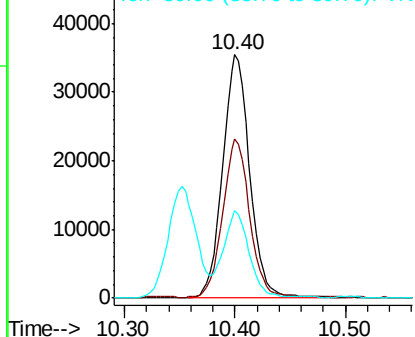


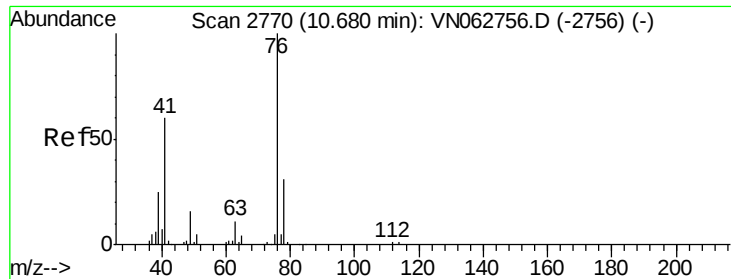
#56
 Ethyl methacrylate
 Concen: 19.419 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion: 69 Resp: 60324
 Ion Ratio Lower Upper
 69 100
 41 65.8 52.2 78.2
 39 33.7 30.9 46.3



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.714 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

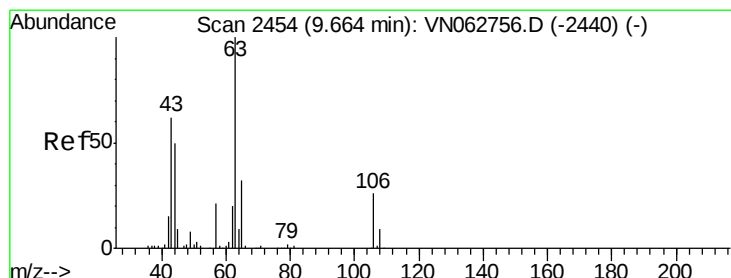
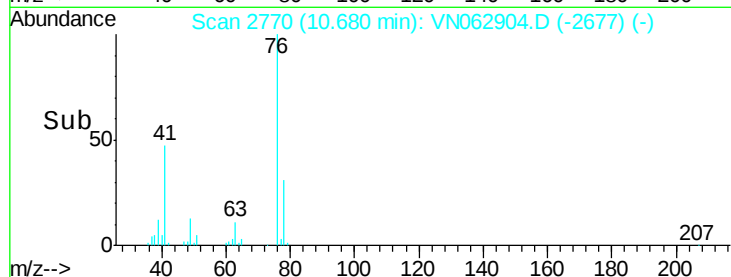
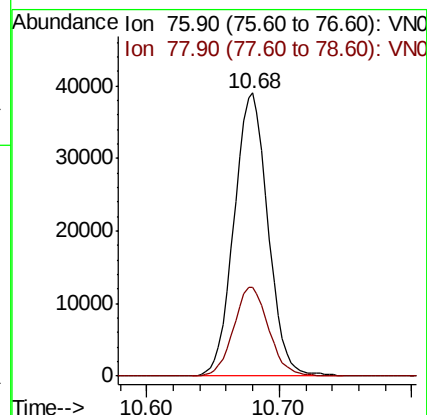
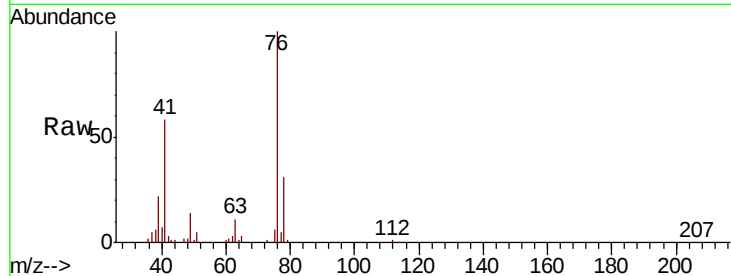
VN0813WBS01

Tot Ion: 76 Resp: 69130

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 80.920 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062904.D

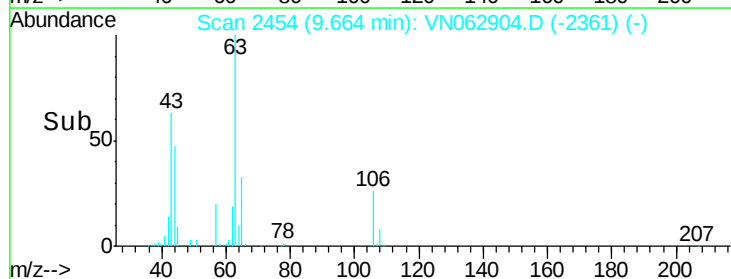
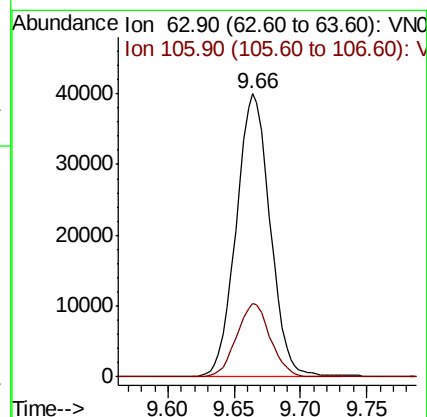
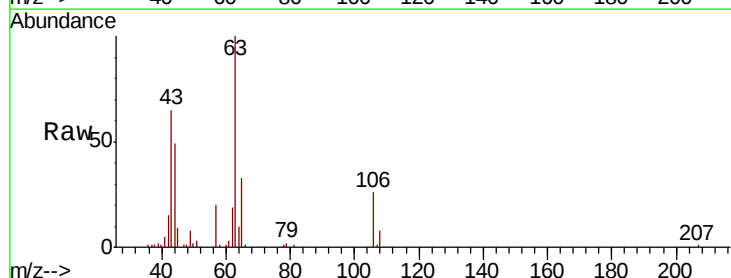
Acq: 13 Aug 2020 12:15

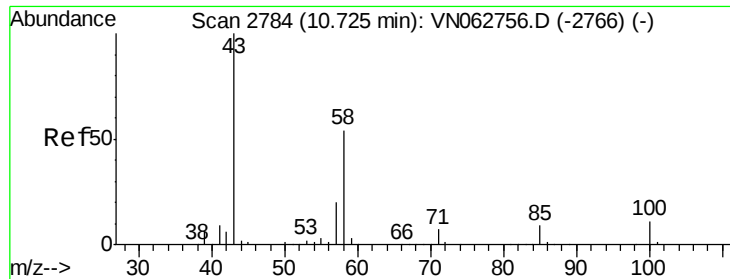
Tgt Ion: 63 Resp: 71053

Ion Ratio Lower Upper

63 100

106 25.6 20.9 31.3

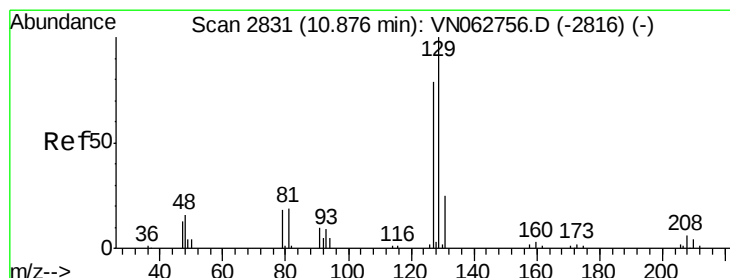
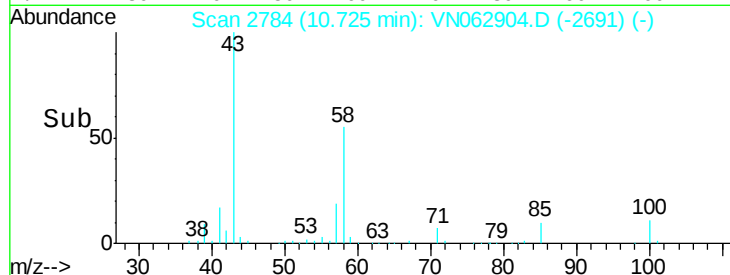
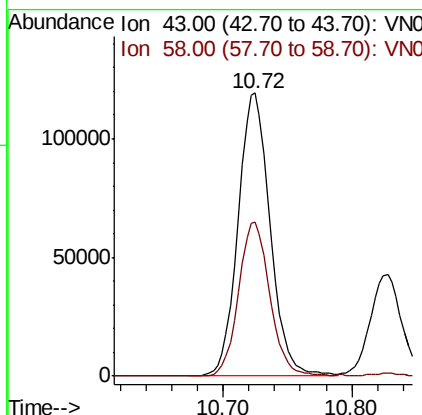
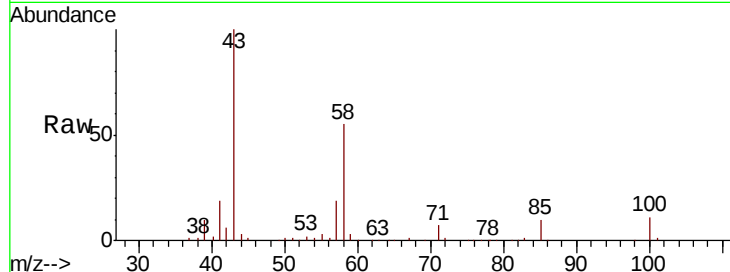




#59
 2-Hexanone
 Concen: 92.962 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

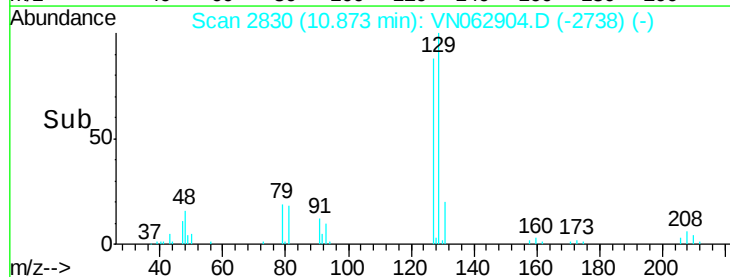
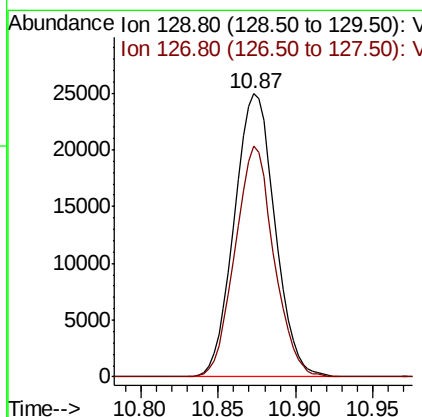
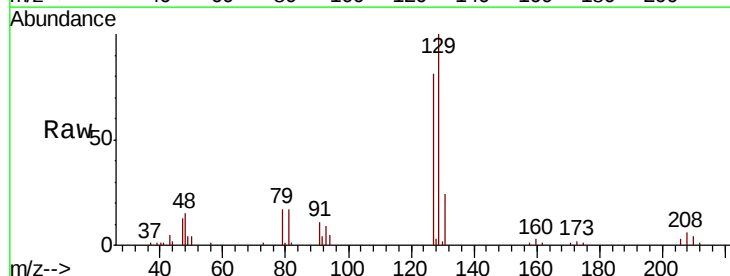
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

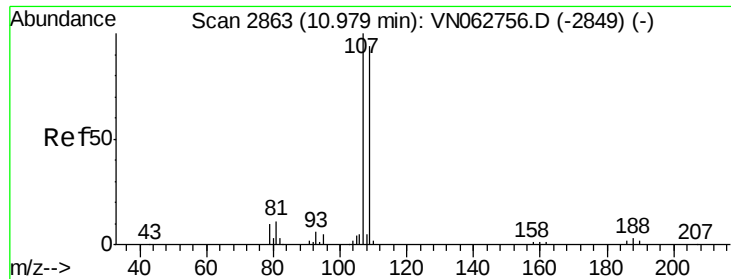
Tot Ion: 43 Resp: 205028
 Ion Ratio Lower Upper
 43 100
 58 53.4 26.7 80.1



#60
 Dibromochloromethane
 Concen: 19.367 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion: 129 Resp: 45611
 Ion Ratio Lower Upper
 129 100
 127 77.8 39.1 117.2

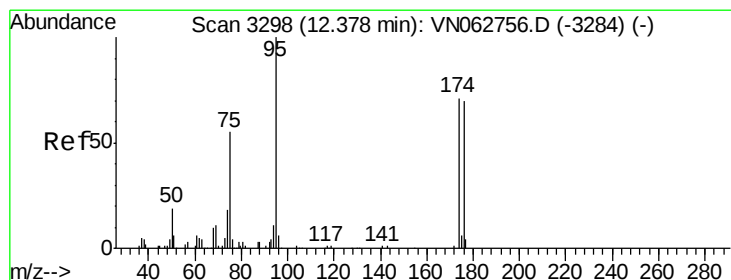
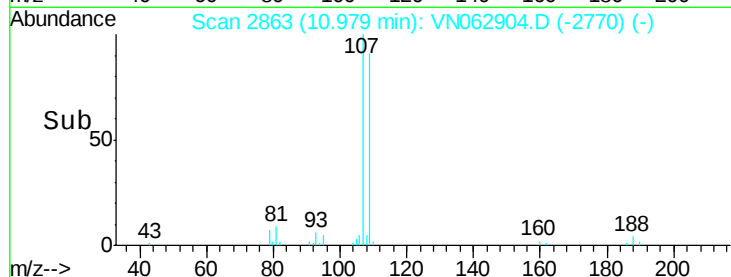
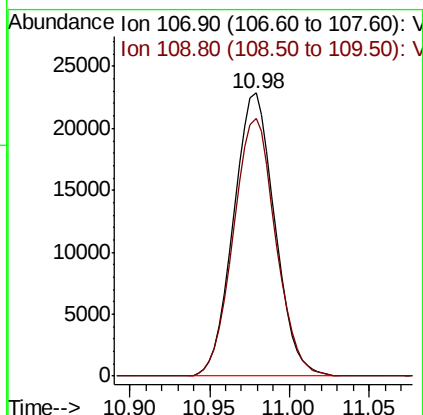
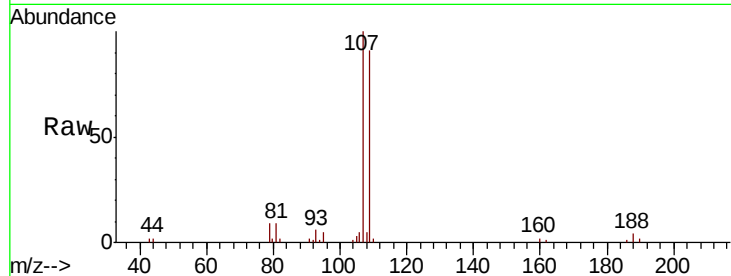




#61
 1,2-Dibromoethane
 Concen: 19.712 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

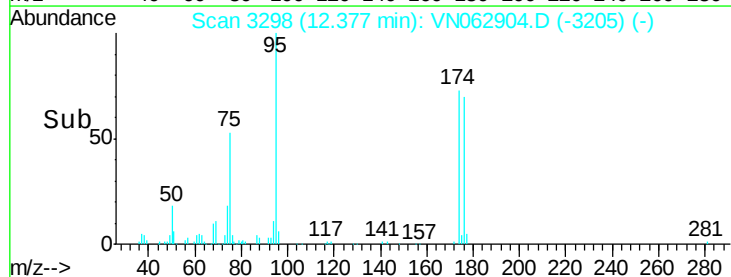
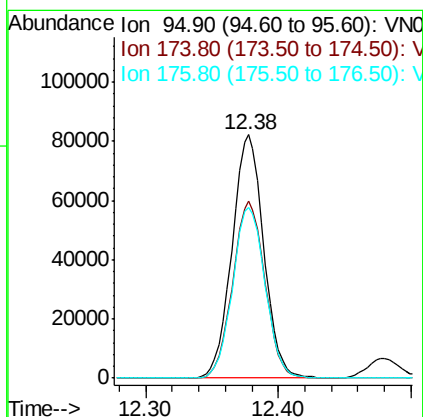
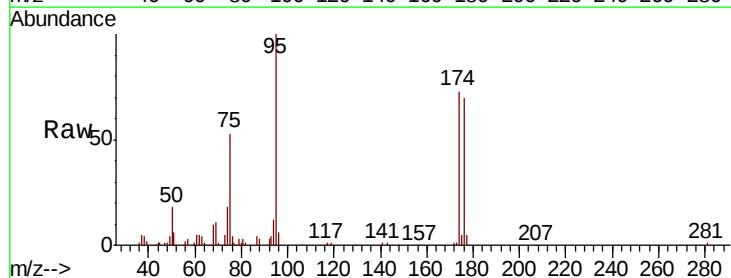
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

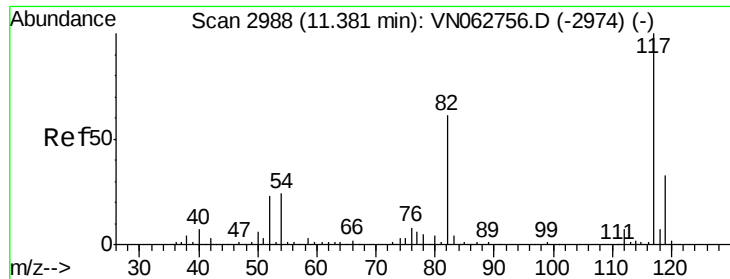
Tot Ion:107 Resp: 40142
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.150 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion: 95 Resp: 136326
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 144.8
 176 71.9 0.0 142.2

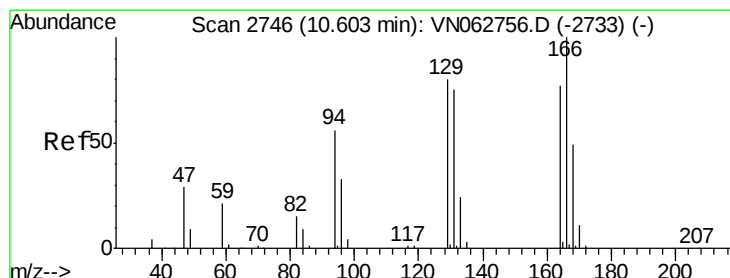
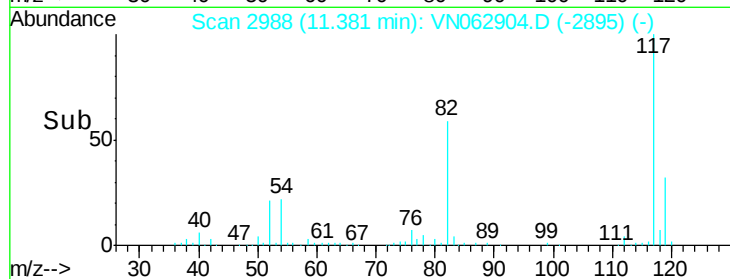
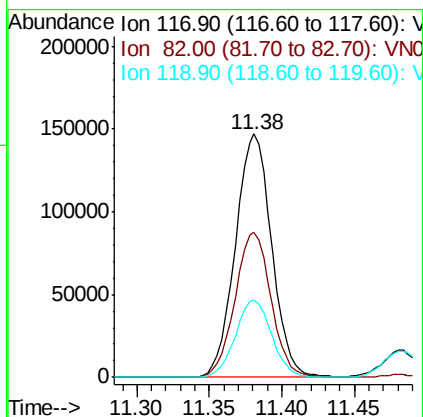
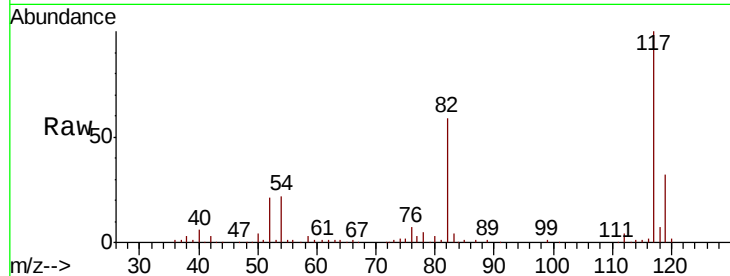




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

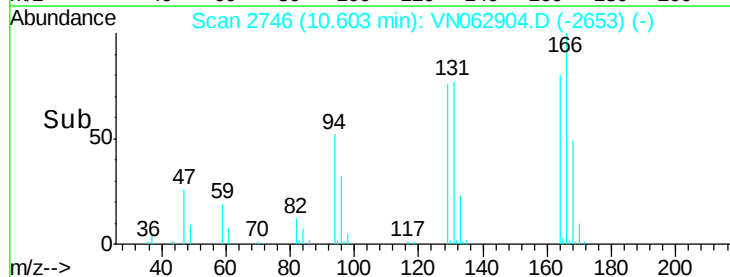
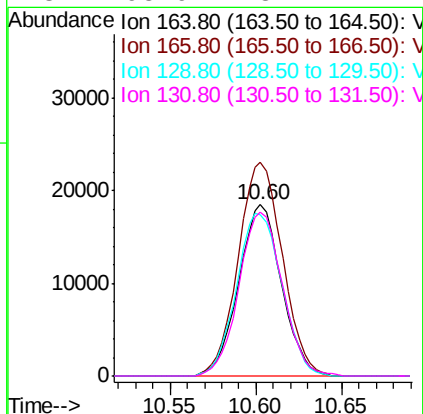
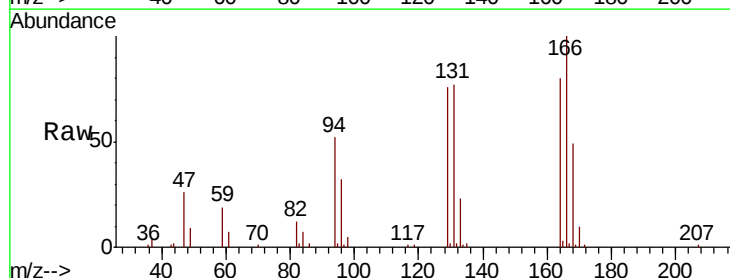
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

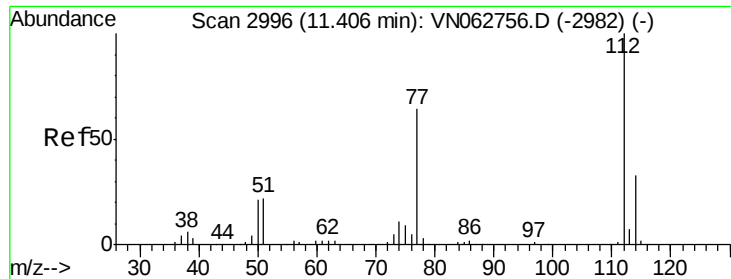
Tot Ion:117 Resp: 255290
Ion Ratio Lower Upper
117 100
82 59.5 49.0 73.4
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 19.356 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion:164 Resp: 31883
Ion Ratio Lower Upper
164 100
166 124.8 103.8 155.8
129 94.6 82.7 124.1
131 95.9 78.2 117.2

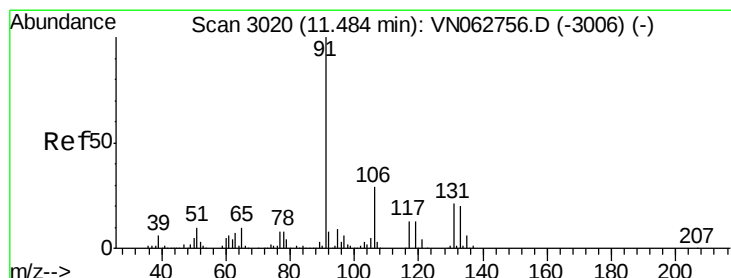
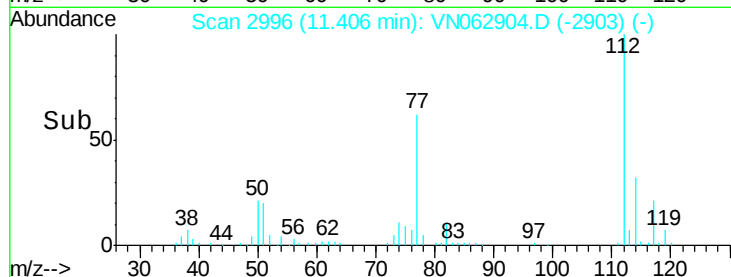
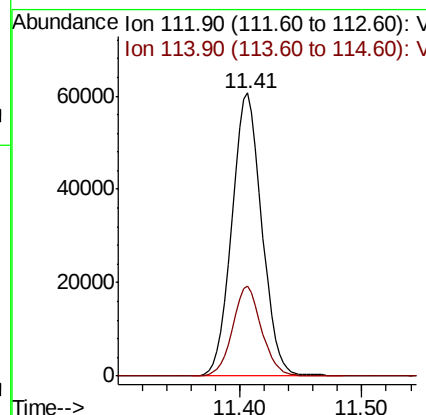
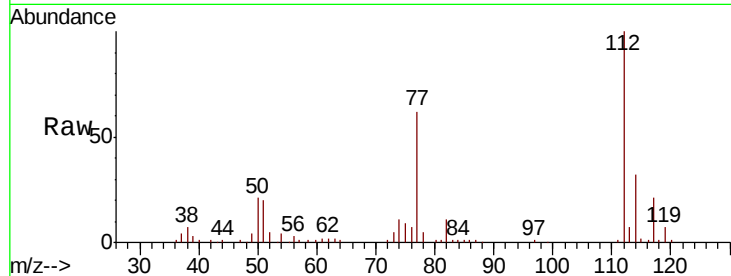




#65
Chlorobenzene
Concen: 19.485 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

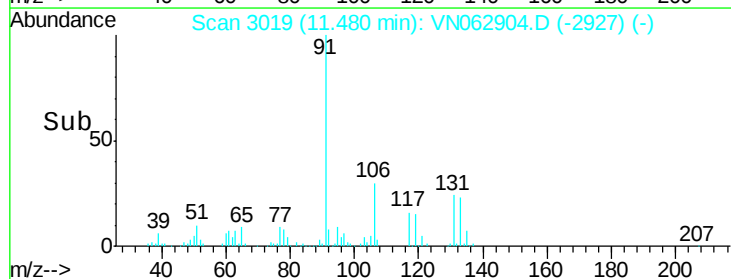
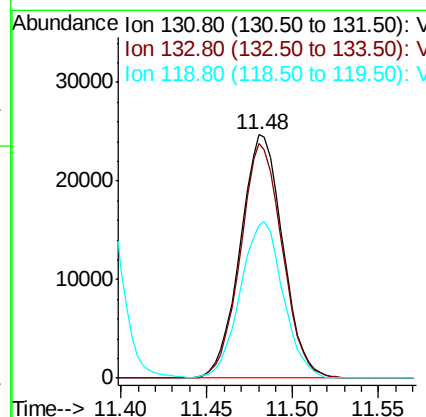
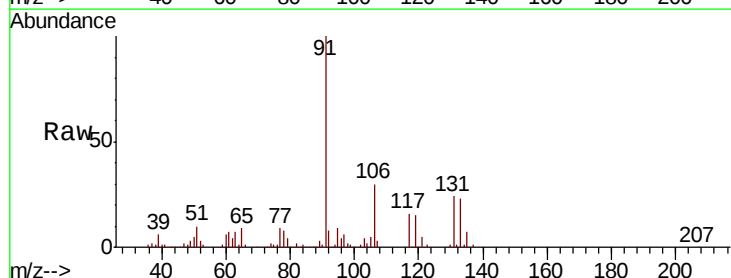
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

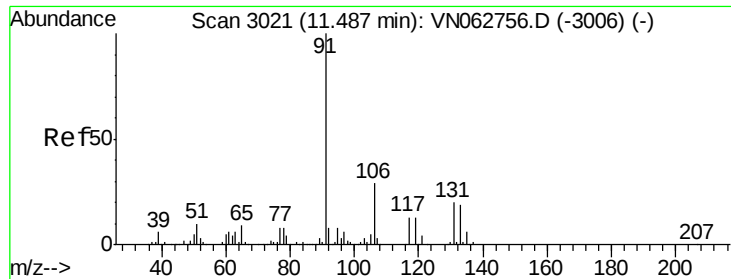
Tot Ion:112 Resp: 103983
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.817 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion:131 Resp: 42469
Ion Ratio Lower Upper
131 100
133 94.9 48.6 145.8
119 64.8 32.2 96.6





#67

Ethyl Benzene

Concen: 19.265 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

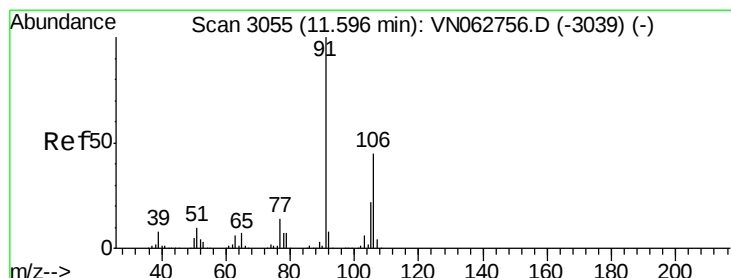
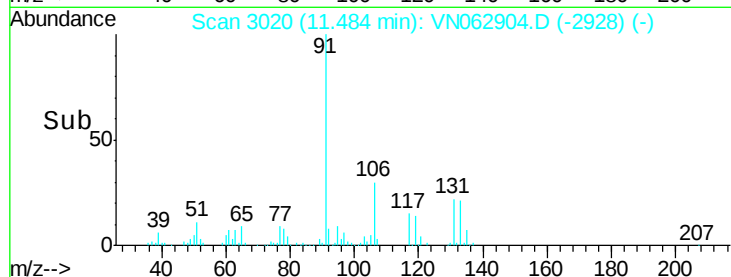
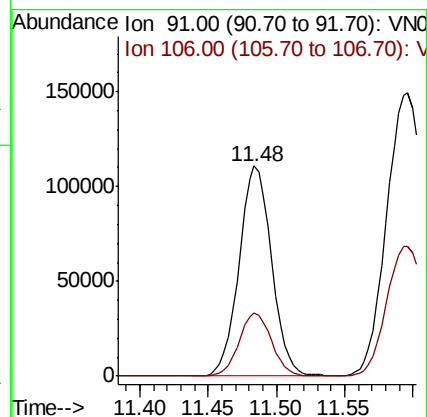
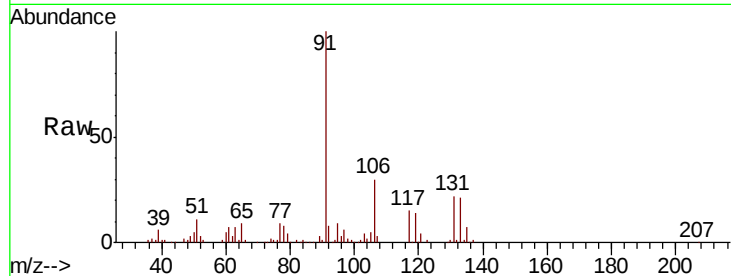
VN0813WBS01

Tot Ion: 91 Resp: 183973

Ion Ratio Lower Upper

91 100

106 30.0 23.2 34.8



#68

m/p-Xylenes

Concen: 39.466 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062904.D

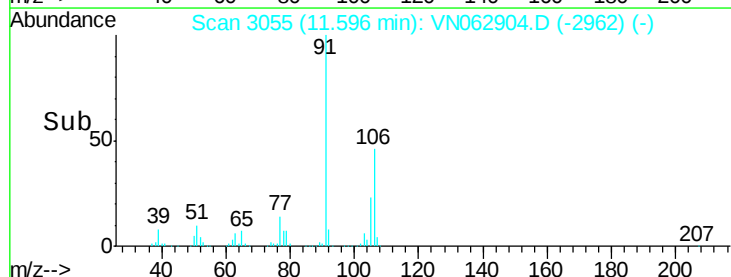
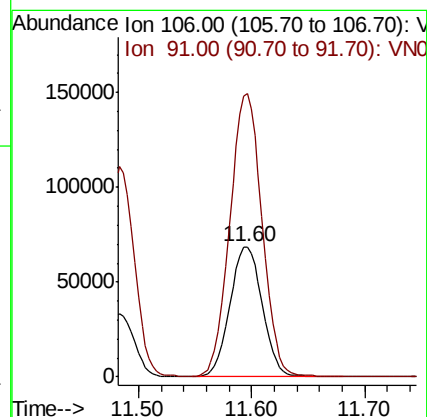
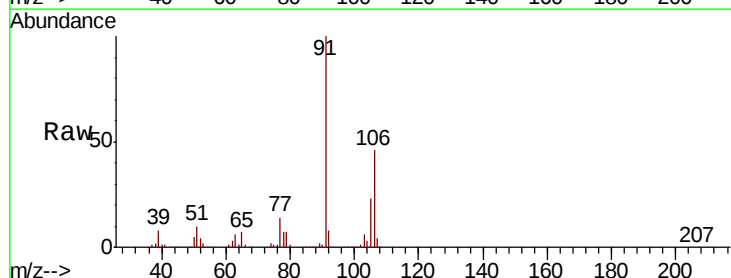
Acq: 13 Aug 2020 12:15

Tgt Ion: 106 Resp: 136811

Ion Ratio Lower Upper

106 100

91 215.1 175.9 263.9

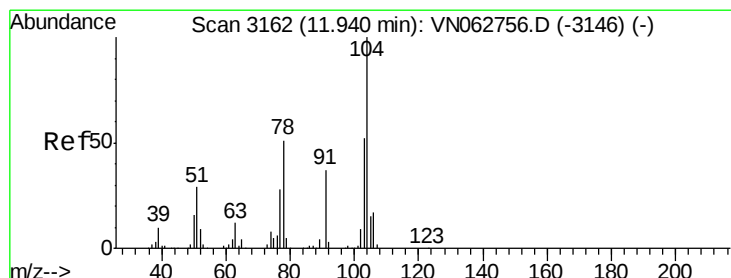
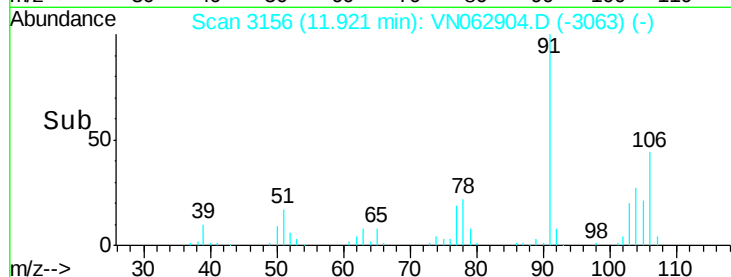
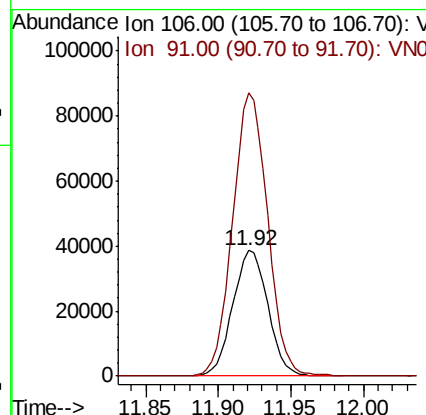
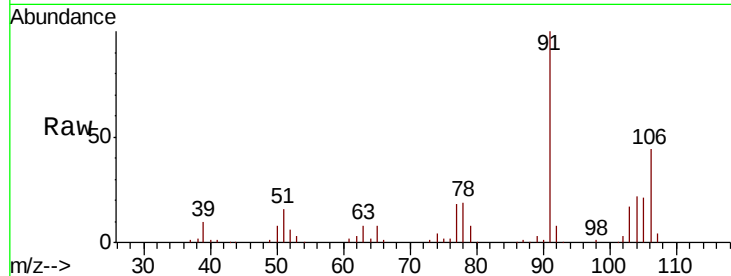




#69
o-Xylene
Concen: 20.029 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

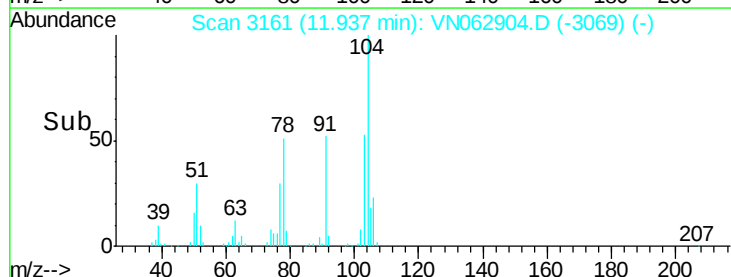
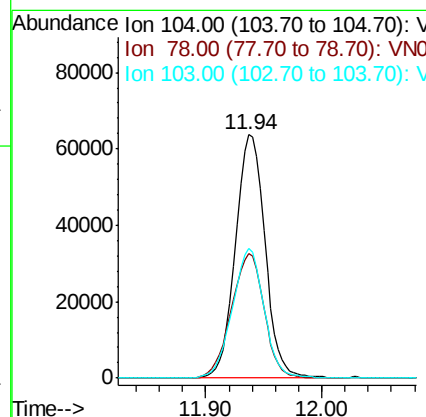
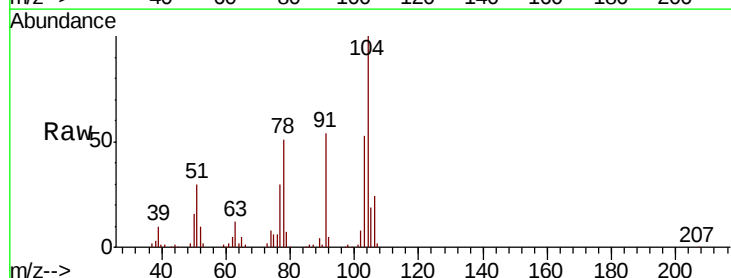
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

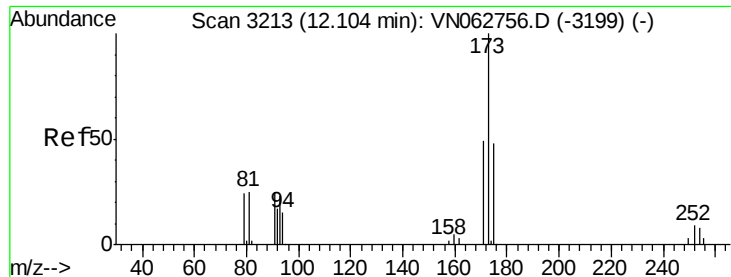
Tot Ion:106 Resp: 65068
Ion Ratio Lower Upper
106 100
91 224.5 115.8 347.4



#70
Styrene
Concen: 19.700 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion:104 Resp: 112493
Ion Ratio Lower Upper
104 100
78 56.7 45.9 68.9
103 56.7 45.1 67.7





#71

Bromoform

Concen: 18.656 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

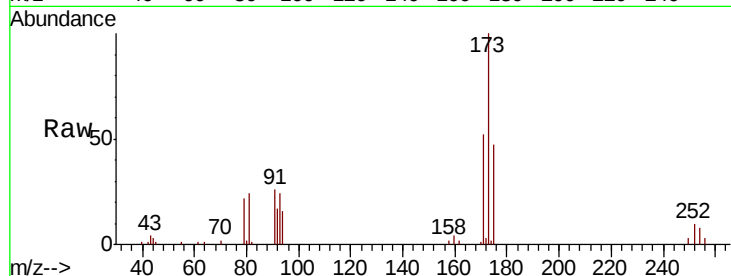
Tot Ion:173 Resp: 32712

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

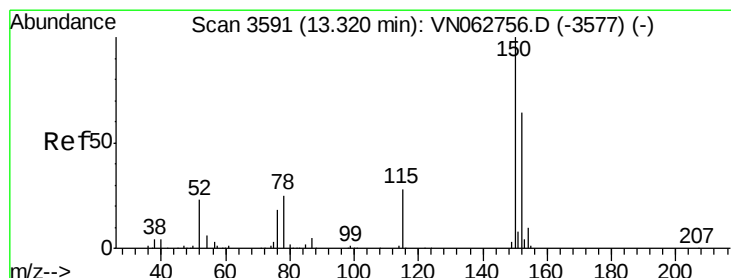
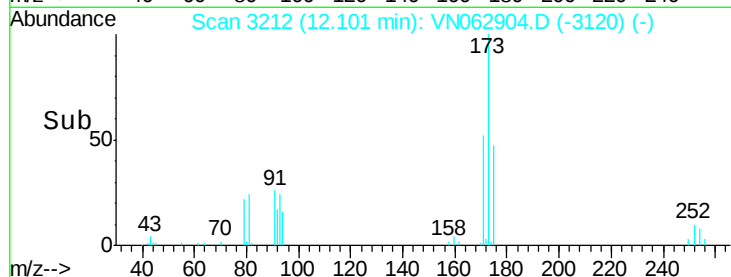
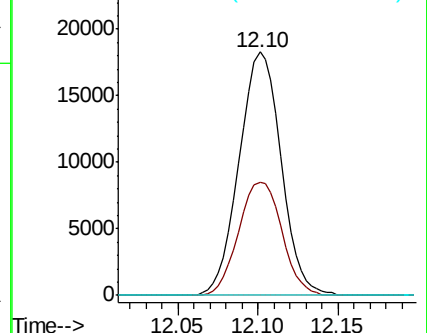
254 0.0 0.0 0.0



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: VN062904.D

Acq: 13 Aug 2020 12:15

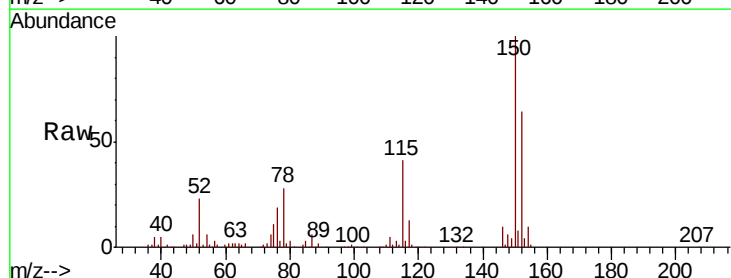
Tgt Ion:152 Resp: 119388

Ion Ratio Lower Upper

152 100

115 63.2 31.6 94.8

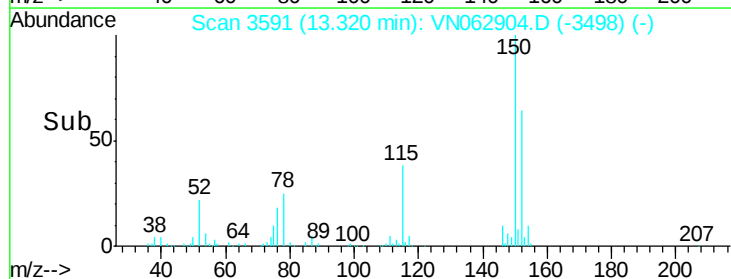
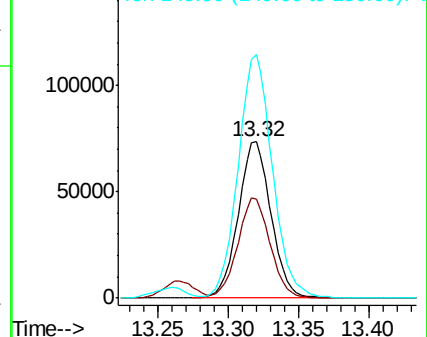
150 162.7 0.0 349.2

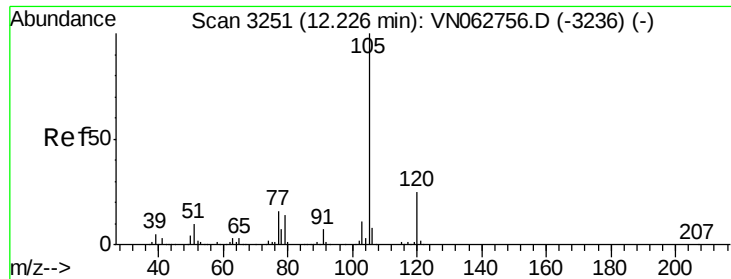


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.375 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

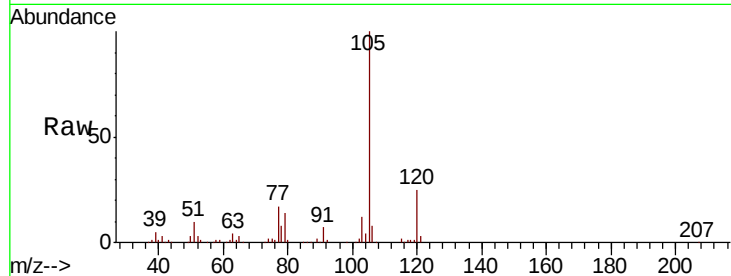
VN0813WBS01

Tot Ion:105 Resp: 183167

Ion Ratio Lower Upper

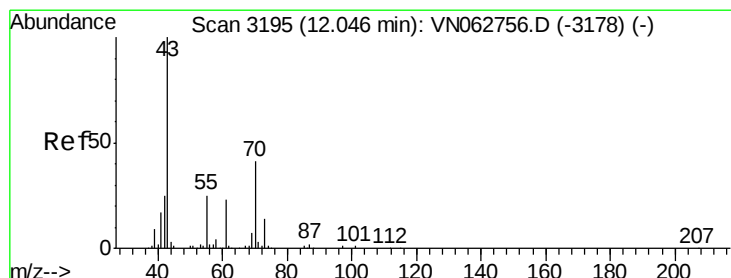
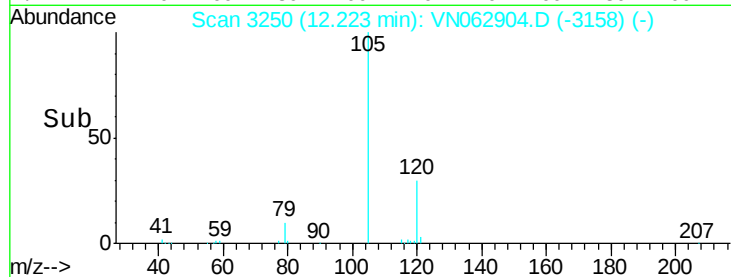
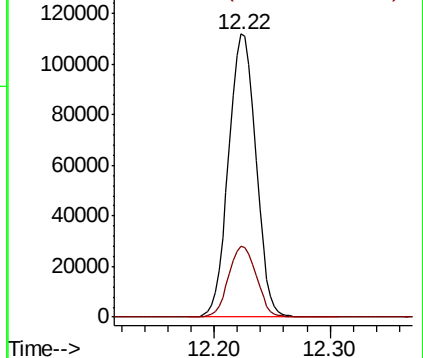
105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.134 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion: 43 Resp: 69706

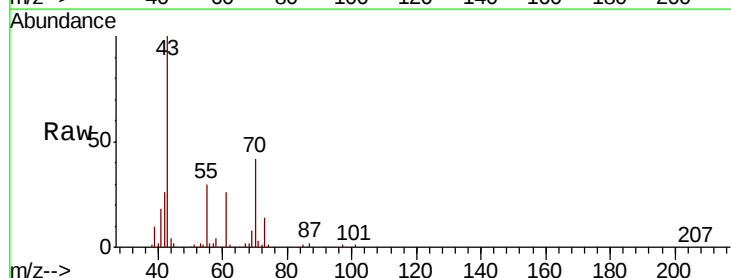
Ion Ratio Lower Upper

43 100

70 41.2 32.3 48.5

55 27.9 20.2 30.2

61 23.8 18.2 27.4

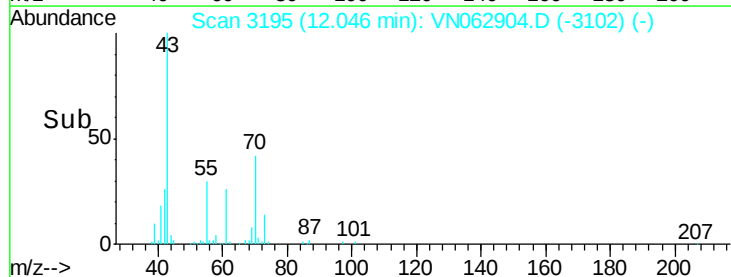
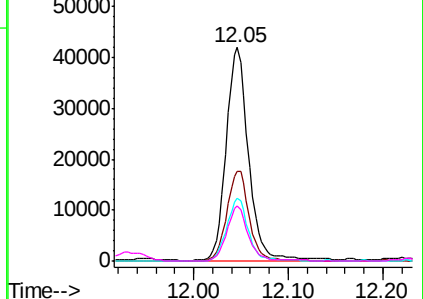


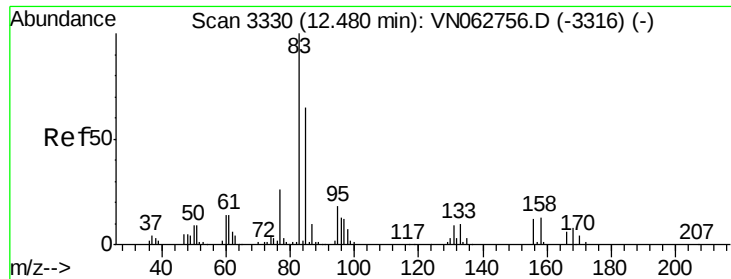
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.972 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

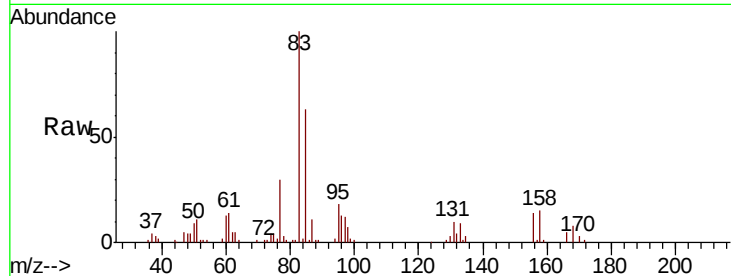
Tot Ion: 83 Resp: 63204

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062904.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062904.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062904.D (-3237) (-)

12.48

40000

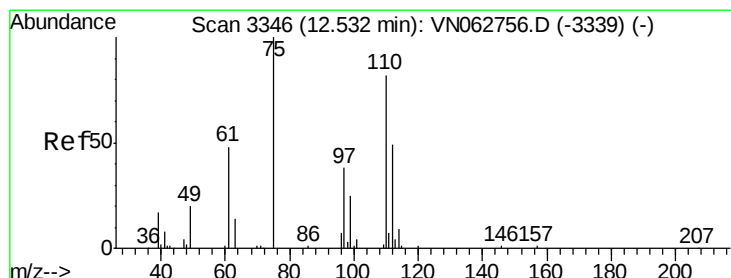
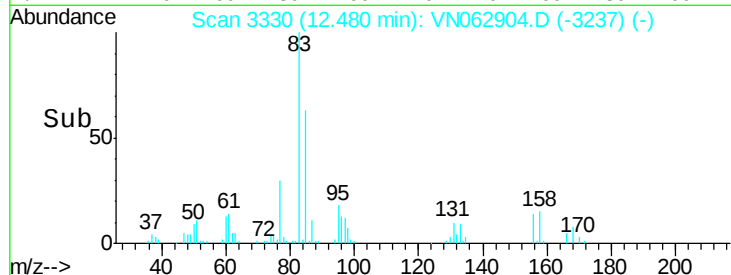
30000

20000

10000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 25.615 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062904.D

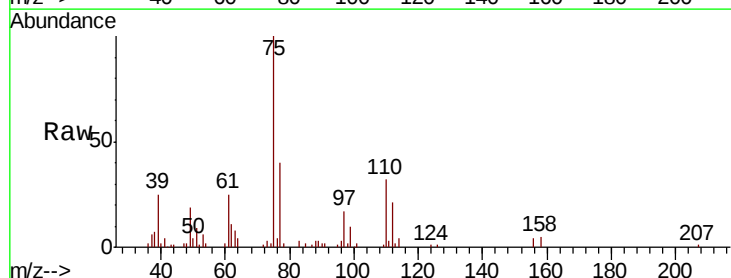
Acq: 13 Aug 2020 12:15

Tgt Ion: 75 Resp: 82474

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062904.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062904.D (-3253) (-)

12.53

50000

40000

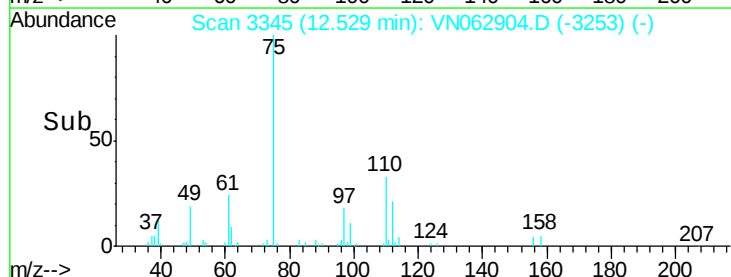
30000

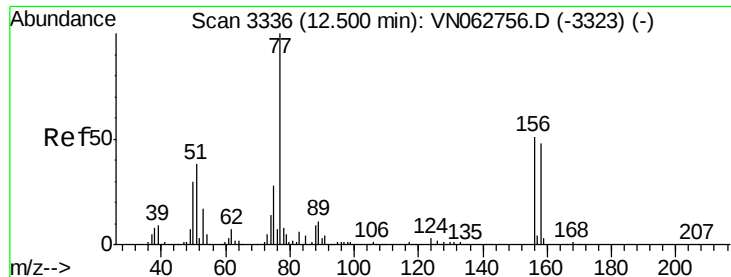
20000

10000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 19.566 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

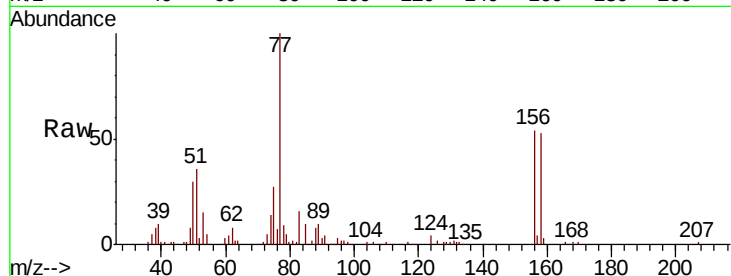
Tot Ion:156 Resp: 43704

Ion Ratio Lower Upper

156 100

77 235.5 119.7 359.1

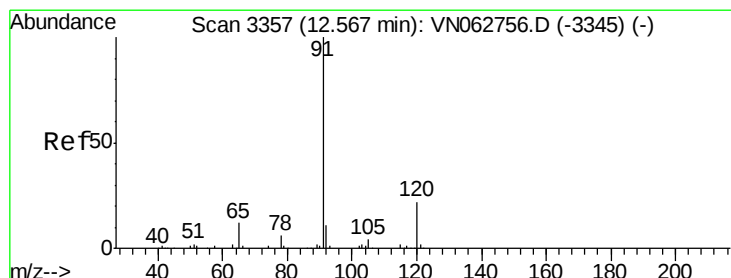
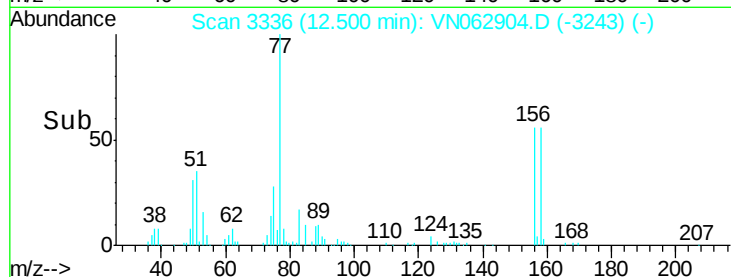
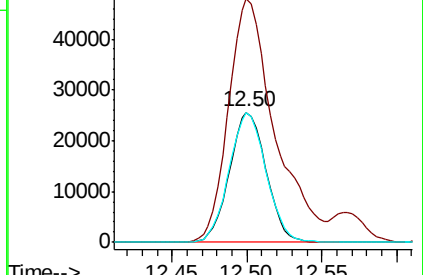
158 100.8 48.1 144.3



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: 20.251 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062904.D

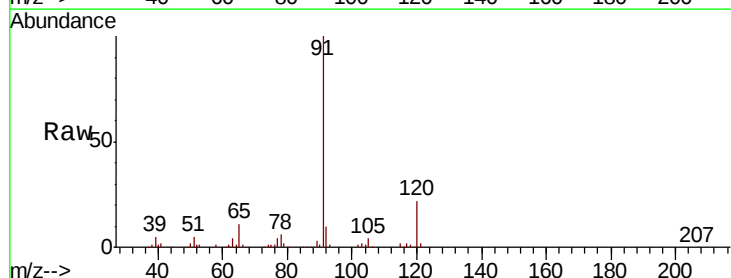
Acq: 13 Aug 2020 12:15

Tgt Ion: 91 Resp: 213705

Ion Ratio Lower Upper

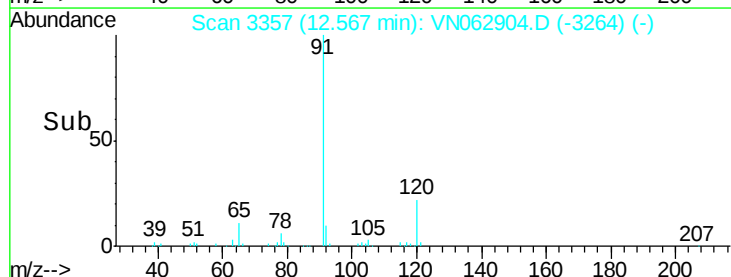
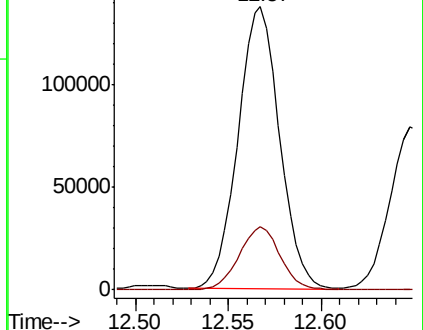
91 100

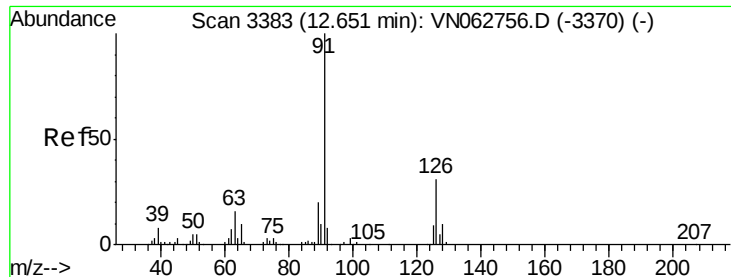
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.913 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

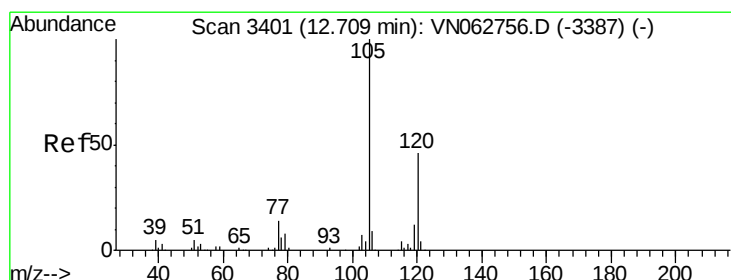
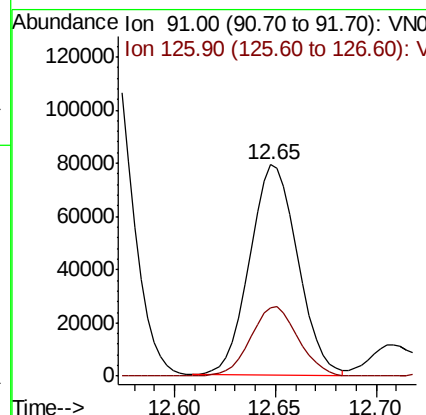
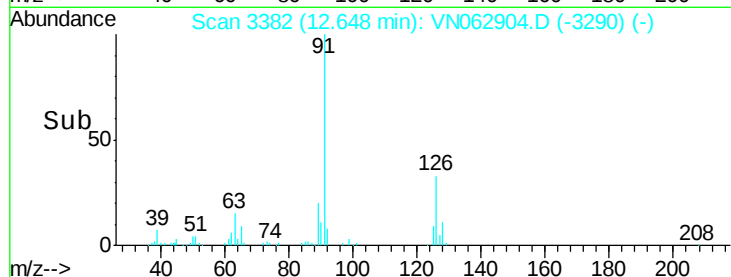
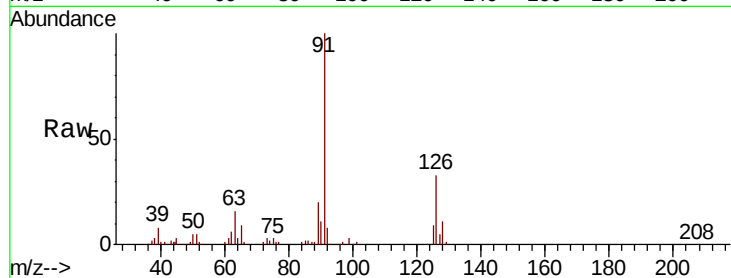
VN0813WBS01

Tot Ion: 91 Resp: 131774

Ion Ratio Lower Upper

91 100

126 32.9 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 20.753 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062904.D

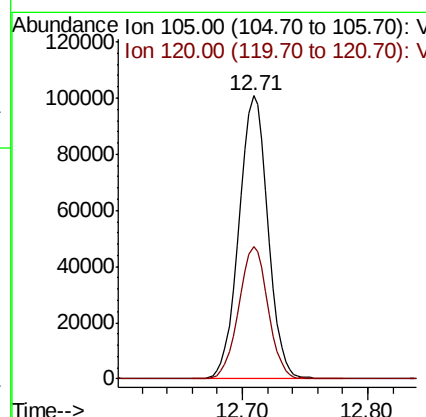
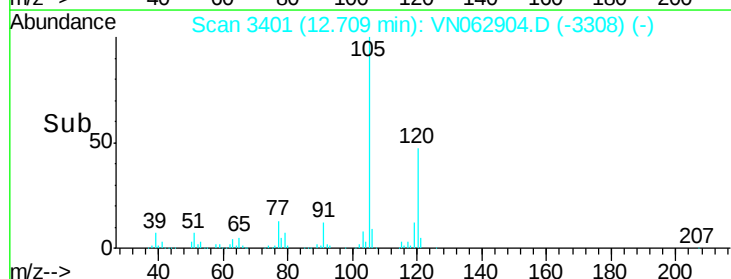
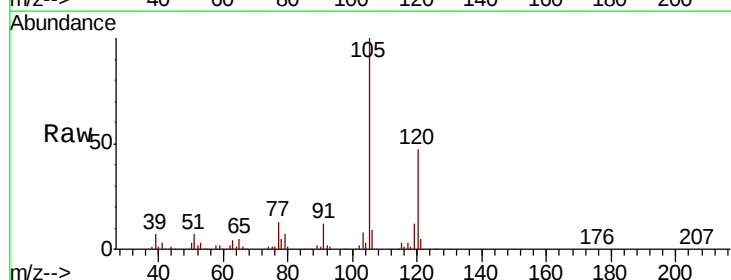
Acq: 13 Aug 2020 12:15

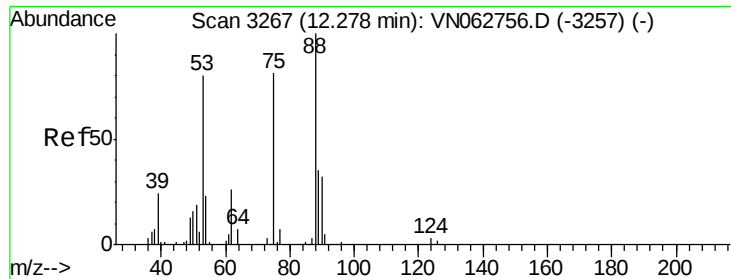
Tgt Ion: 105 Resp: 161855

Ion Ratio Lower Upper

105 100

120 46.9 22.9 68.5

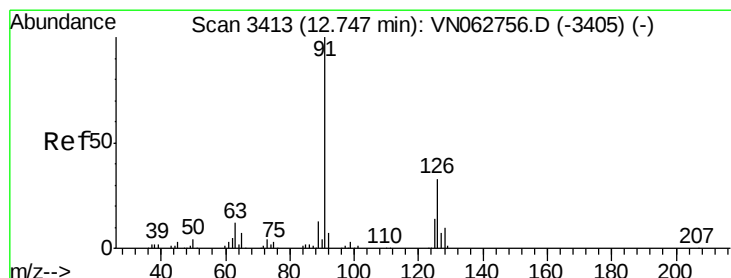
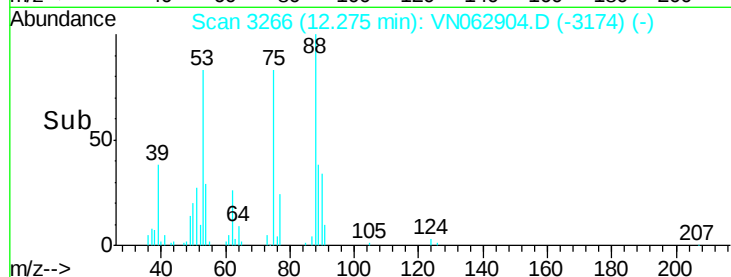
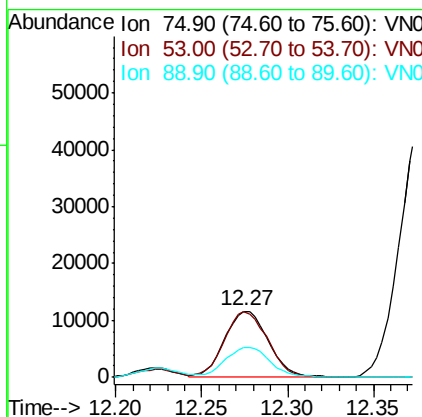
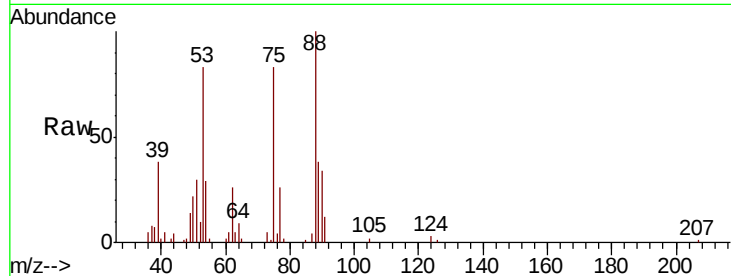




#81
trans-1,4-Dichloro-2-butene
Concen: 19.559 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

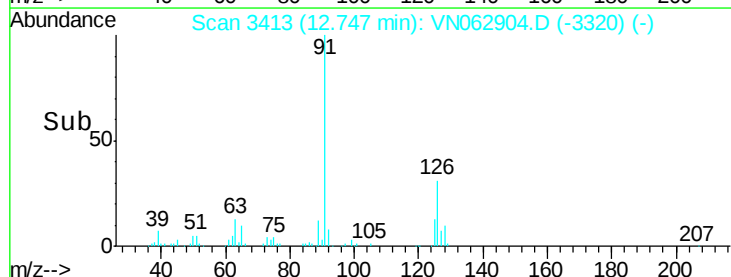
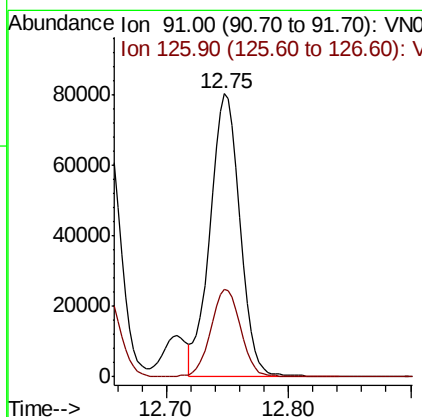
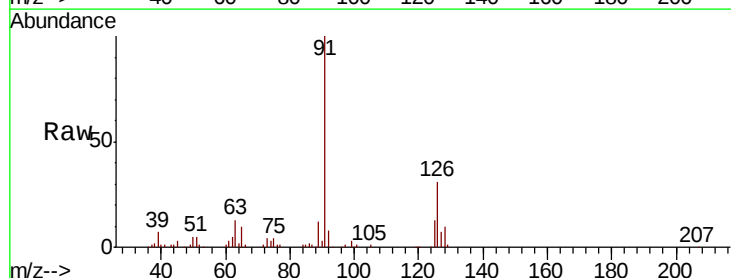
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

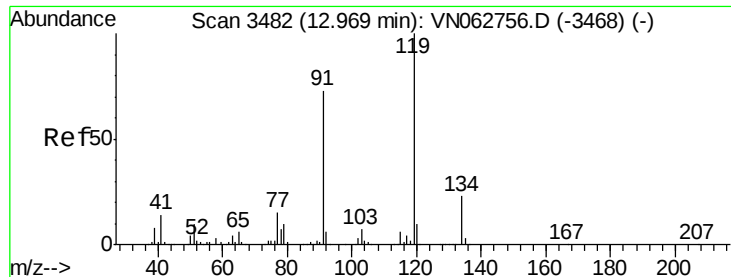
Tot Ion: 75 Resp: 20629
Ion Ratio Lower Upper
75 100
53 98.7 79.1 118.7
89 46.0 36.2 54.2



#82
4-Chlorotoluene
Concen: 20.321 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 91 Resp: 138582
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

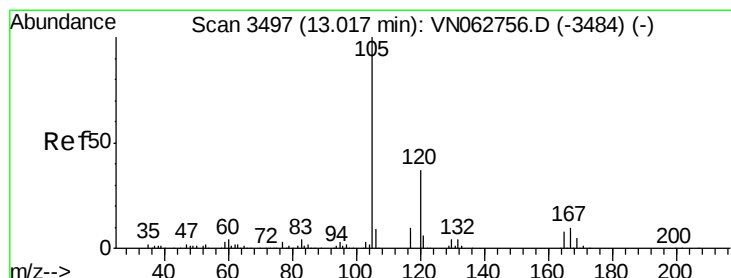
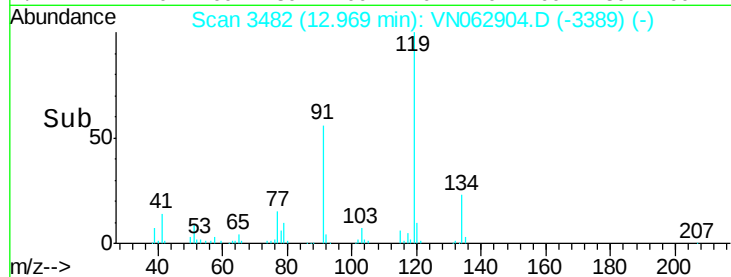
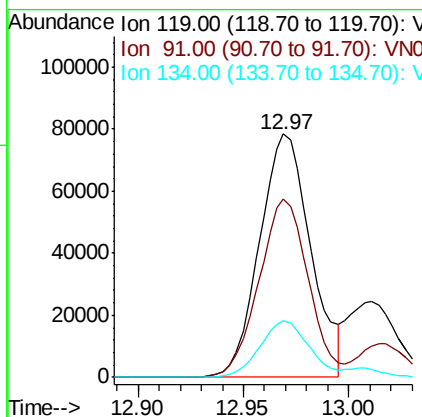
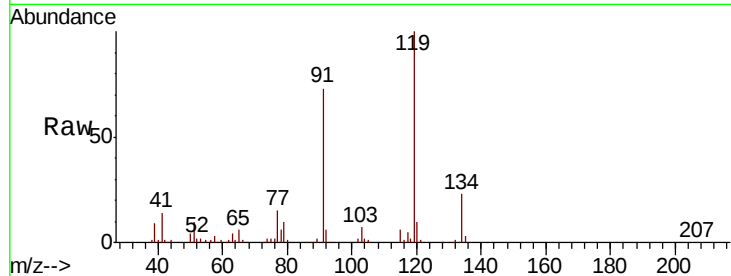




#83
 tert-Butylbenzene
 Concen: 20.092 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

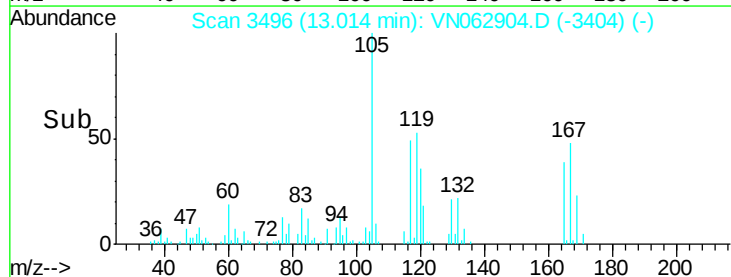
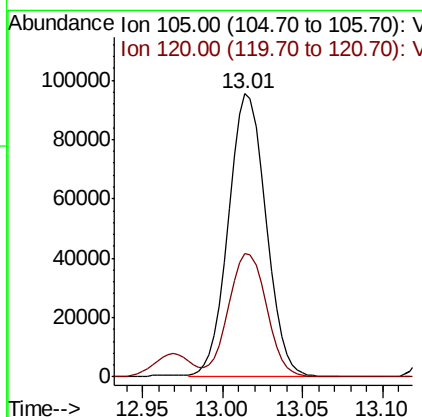
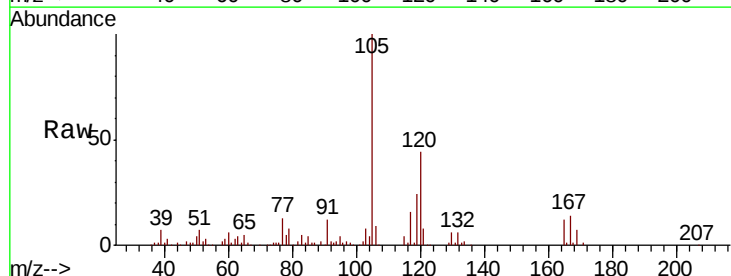
Instrument :
 MSVOA_N
 ClientSampled :
 VN0813WBS01

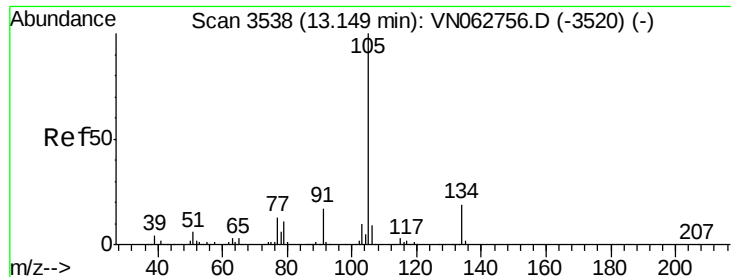
Tot Ion:119 Resp: 132594
 Ion Ratio Lower Upper
 119 100
 91 70.9 36.5 109.5
 134 22.2 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.324 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion:105 Resp: 151641
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.4 64.2

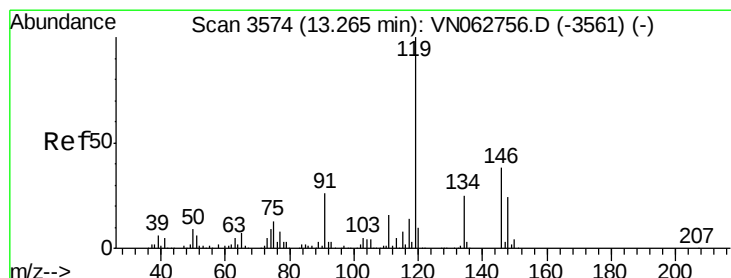
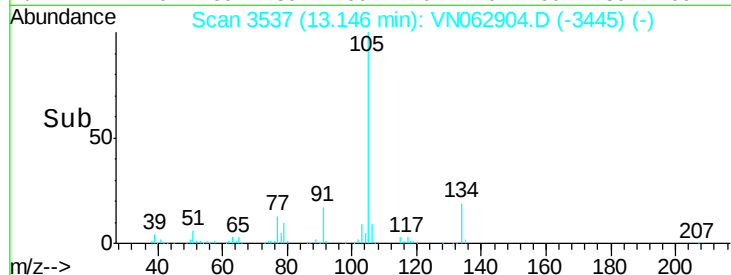
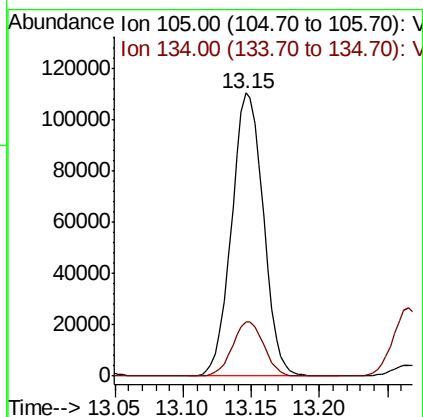
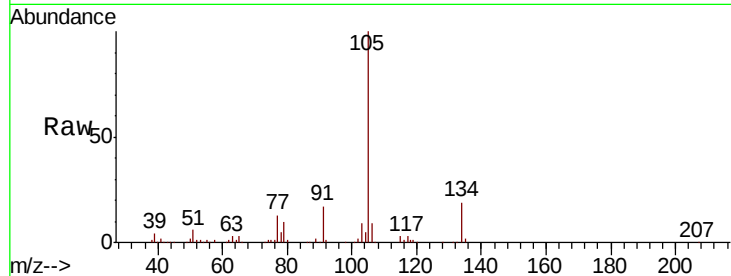




#85
 sec-Butylbenzene
 Concen: 20.513 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

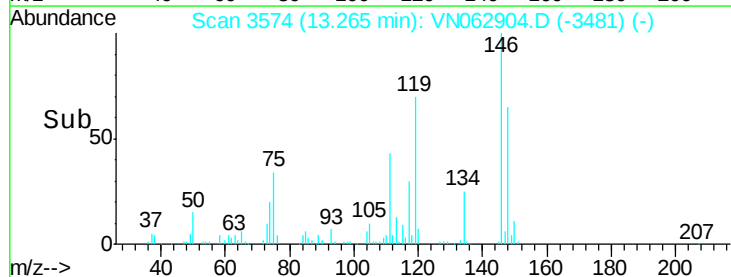
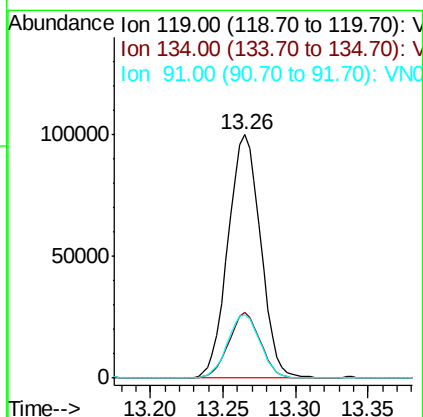
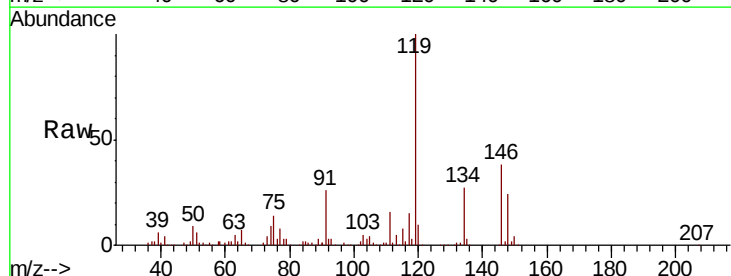
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

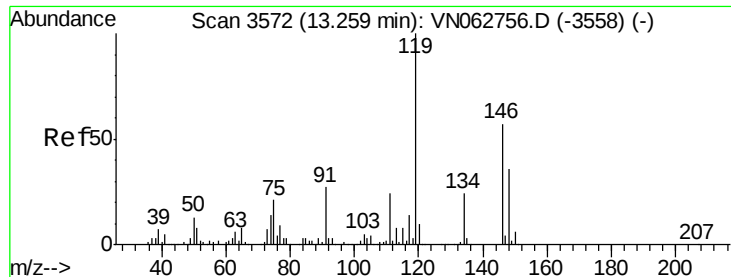
Tot Ion:105 Resp: 177773
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.309 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion:119 Resp: 156229
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 26.1 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 19.178 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

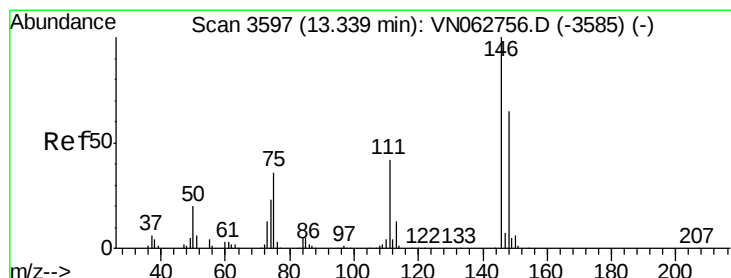
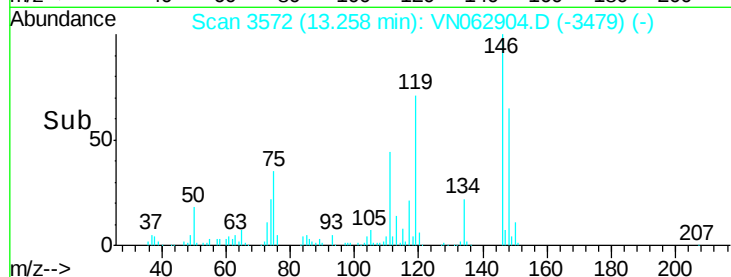
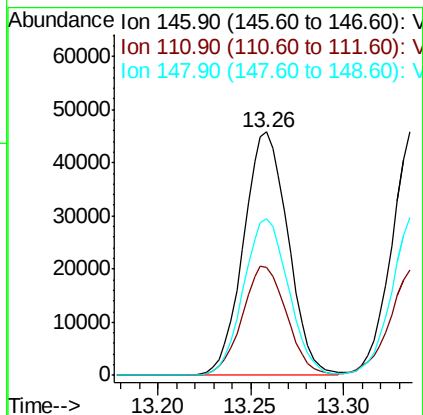
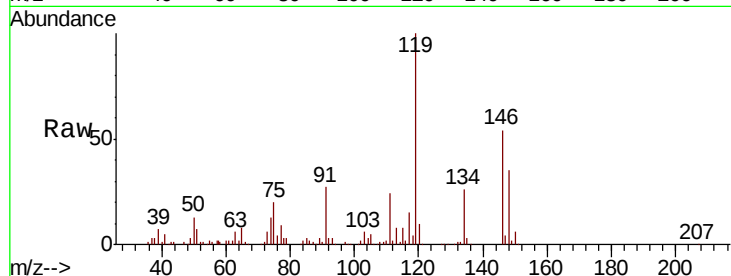
Tot Ion:146 Resp: 76527

Ion Ratio Lower Upper

146 100

111 44.7 21.7 65.1

148 64.9 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 19.859 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

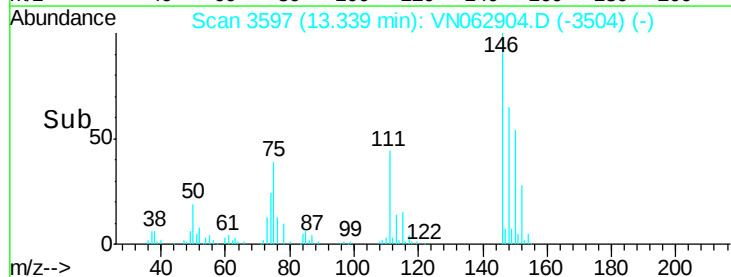
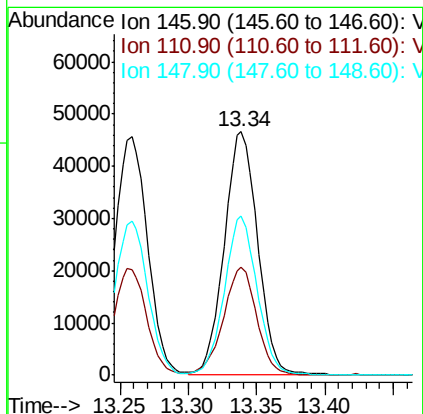
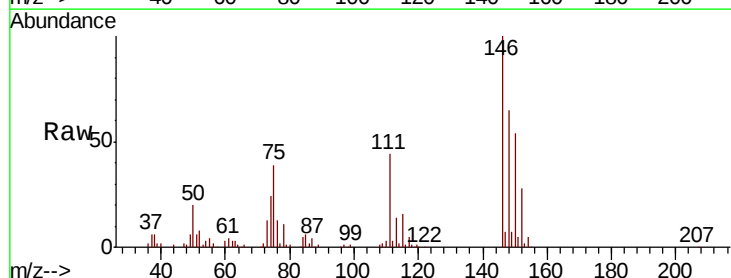
Tgt Ion:146 Resp: 79483

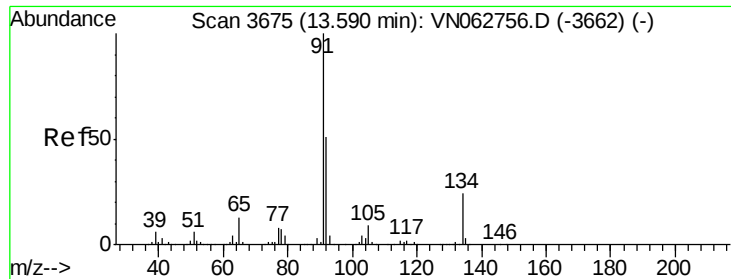
Ion Ratio Lower Upper

146 100

111 44.2 21.6 64.6

148 64.0 32.6 97.8





#89

n-Butylbenzene

Concen: 18.766 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

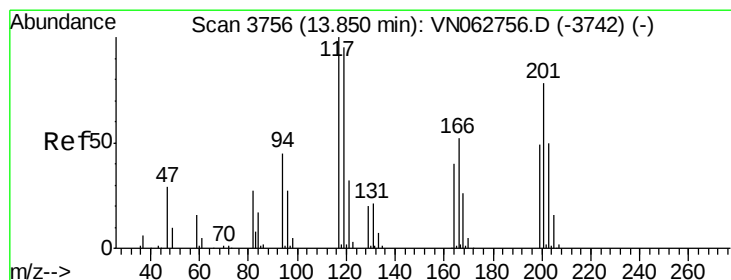
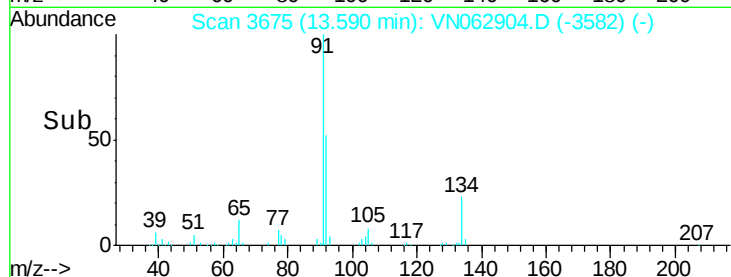
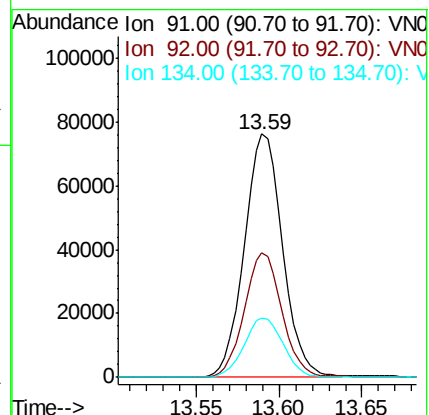
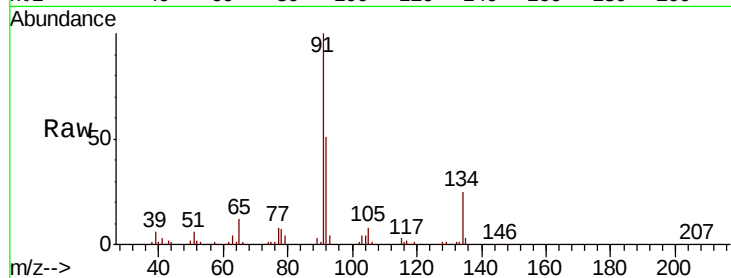
Tot Ion: 91 Resp: 122092

Ion Ratio Lower Upper

91 100

92 50.4 25.7 77.0

134 25.0 12.2 36.6



#90

Hexachloroethane

Concen: 19.464 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062904.D

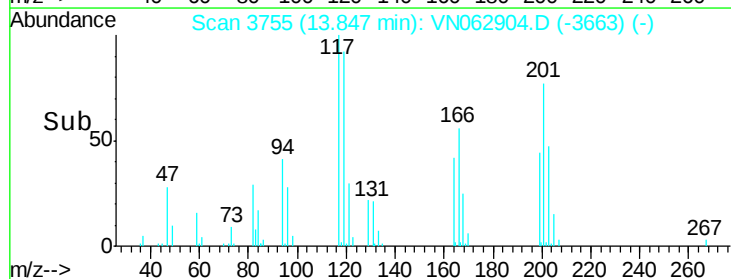
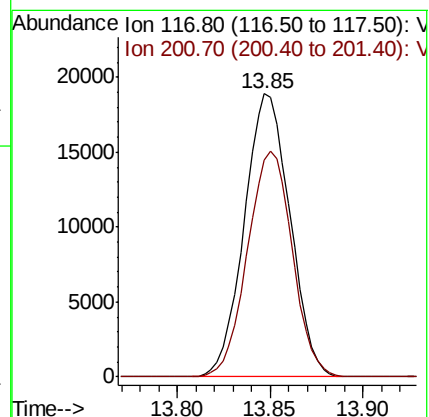
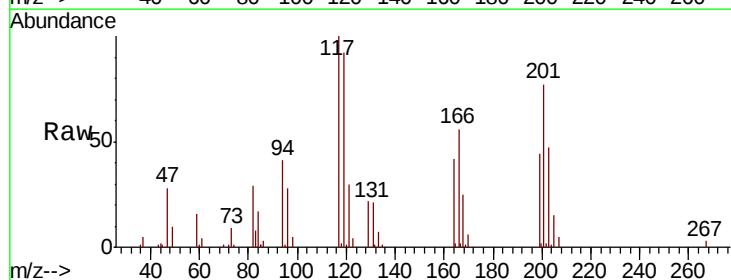
Acq: 13 Aug 2020 12:15

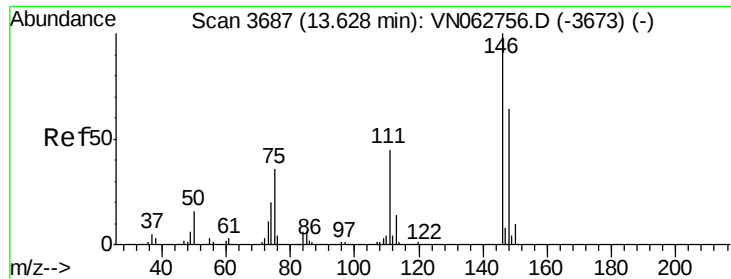
Tgt Ion: 117 Resp: 32274

Ion Ratio Lower Upper

117 100

201 78.6 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 20.673 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

VN0813WBS01

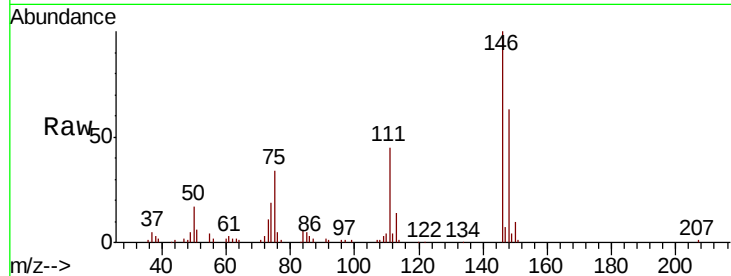
Tot Ion:146 Resp: 77341

Ion Ratio Lower Upper

146 100

111 45.7 22.8 68.4

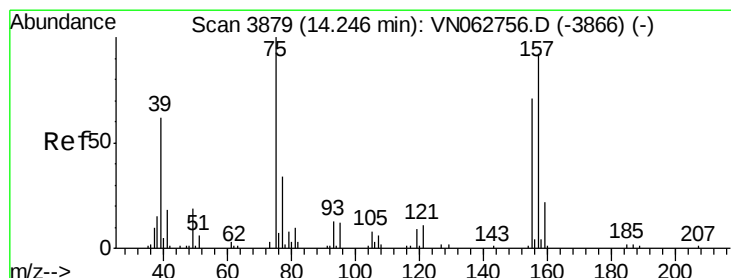
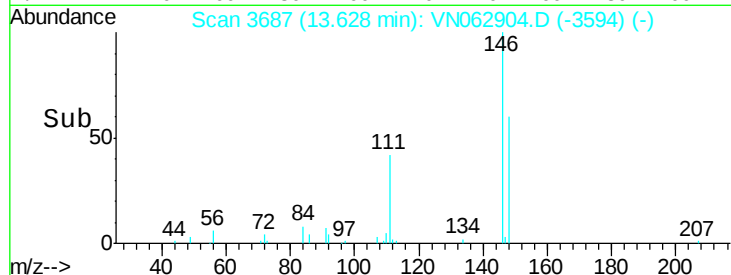
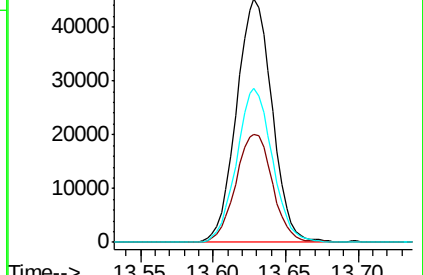
148 63.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.291 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

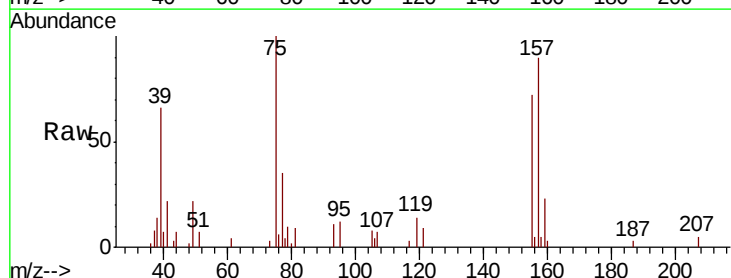
Tgt Ion: 75 Resp: 12427

Ion Ratio Lower Upper

75 100

155 68.2 35.0 105.1

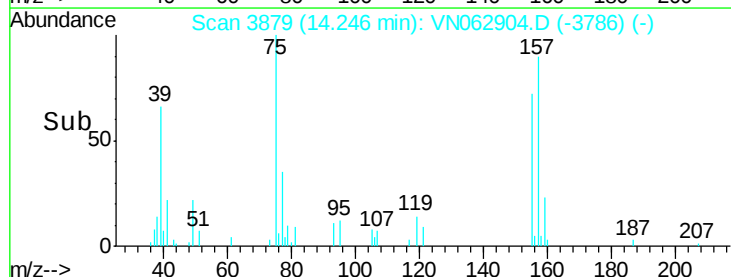
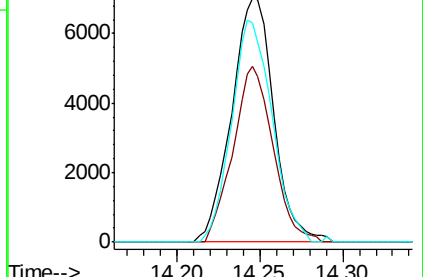
157 87.3 43.2 129.6

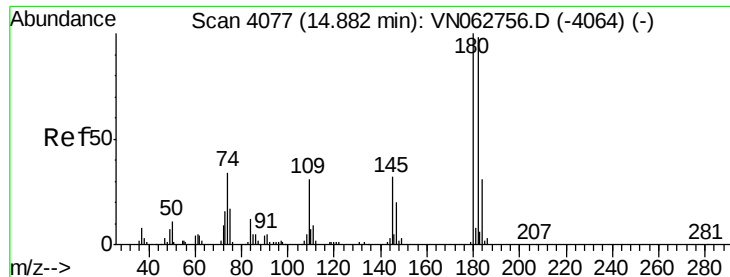


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

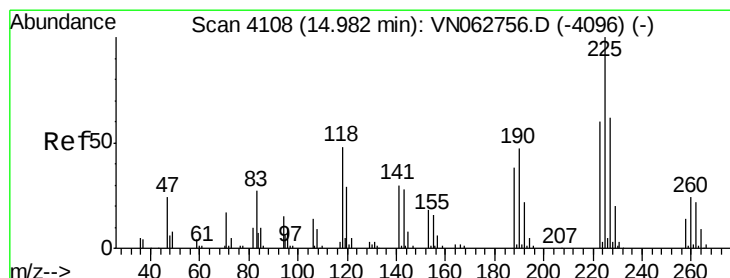
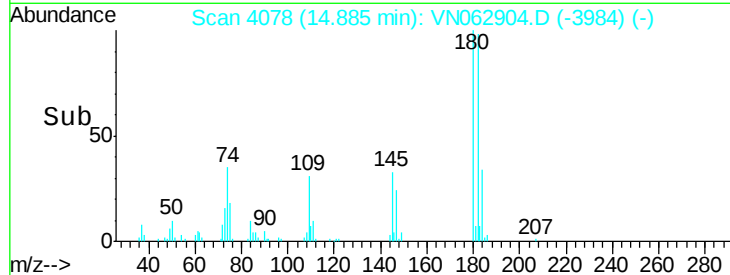
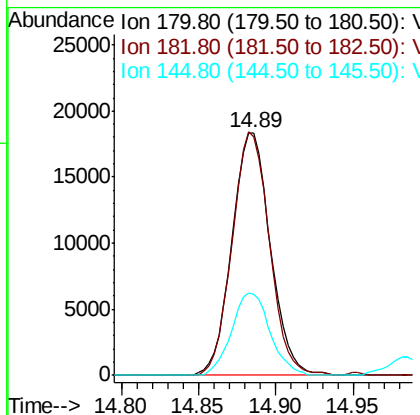
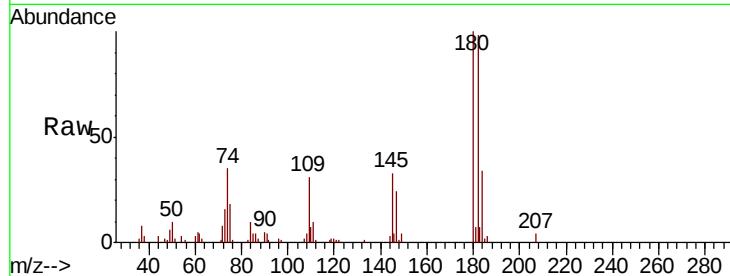




#93
 1,2,4-Trichlorobenzene
 Concen: 18.022 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

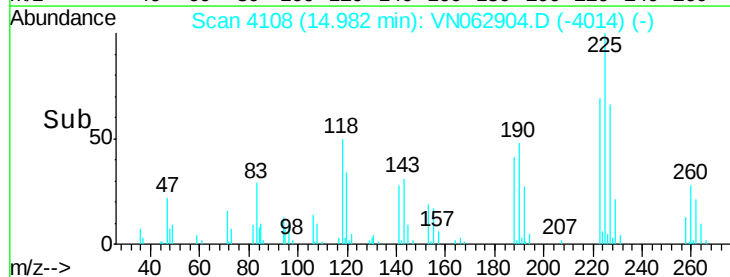
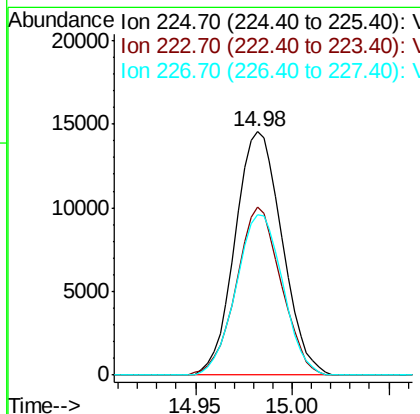
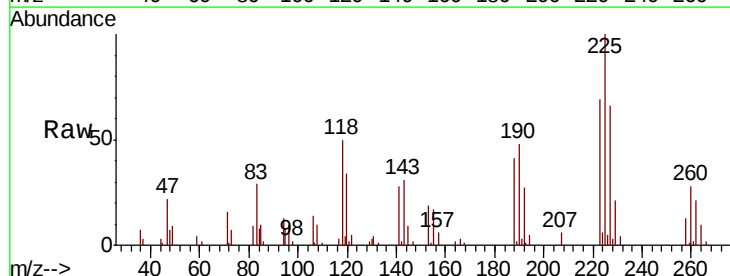
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

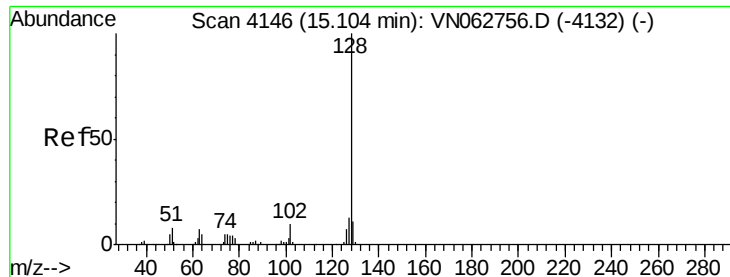
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	49.1	147.4
145	33.9	16.3	48.8



#94
 Hexachlorobutadiene
 Concen: 19.931 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	30.6	92.0
227	65.4	31.6	95.0





#95

Naphthalene

Concen: 17.332 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

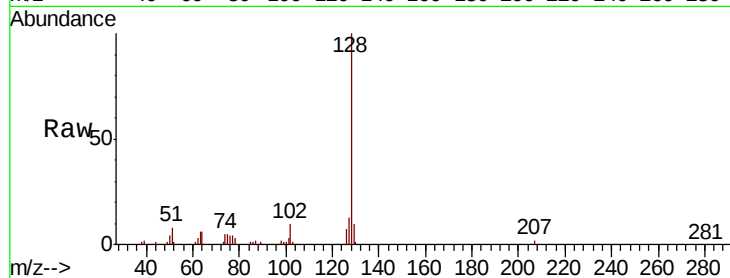
Tot Ion:128 Resp: 80764

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

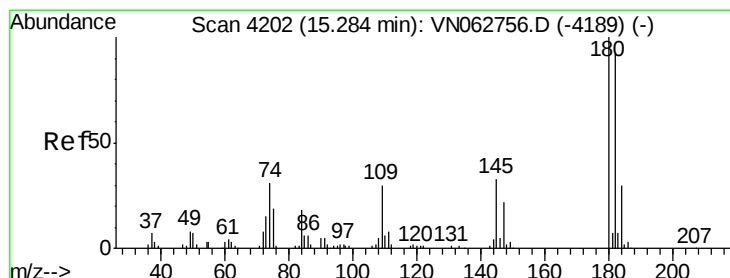
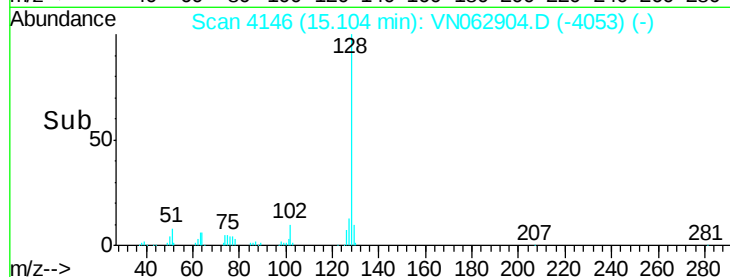
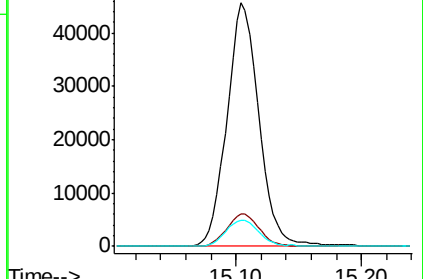
129 11.0 8.8 13.2



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: 18.557 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

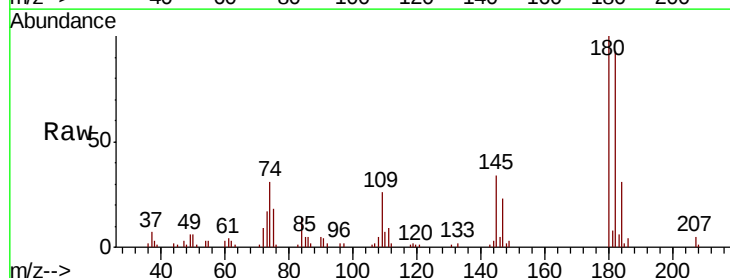
Tgt Ion:180 Resp: 33138

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

145 32.6 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

