

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062907.D
 Acq On : 13 Aug 2020 13:37
 Operator : JC/MD
 Sample : VN0813WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Quant Time: Aug 14 05:06:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	248001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	220193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101821	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	113812	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
35) Dibromofluoromethane	7.55	113	77805	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
50) Toluene-d8	10.06	98	301721	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.38	95	112234	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	42875	19.910	ug/l	99
3) Chloromethane	2.03	50	45969	22.622	ug/l	98
4) Vinyl Chloride	2.16	62	44968	23.594	ug/l	96
5) Bromomethane	2.51	94	27177	21.540	ug/l	94
6) Chloroethane	2.66	64	27845	22.207	ug/l	90
7) Trichlorofluoromethane	2.98	101	69480	20.444	ug/l	97
8) Diethyl Ether	3.37	74	19056	19.586	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	29620	21.102	ug/l	97
10) Methyl Iodide	3.91	142	34857	21.161	ug/l	96
11) Tert butyl alcohol	4.73	59	38919	95.487	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	26085	19.659	ug/l	94
13) Acrolein	3.57	56	21409	86.753	ug/l	100
14) Allyl chloride	4.27	41	50925	19.342	ug/l	95
15) Acrylonitrile	4.93	53	94968	100.458	ug/l	99
16) Acetone	3.78	43	87418	97.284	ug/l	97
17) Carbon Disulfide	4.00	76	66888	17.798	ug/l	100
18) Methyl Acetate	4.28	43	46572	21.264	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	116550	20.004	ug/l	96
20) Methylene Chloride	4.51	84	34536	20.554	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	28046	18.637	ug/l	96
22) Diisopropyl ether	5.91	45	115679	20.639	ug/l	99
23) Vinyl Acetate	5.84	43	385769	90.490	ug/l	100
24) 1,1-Dichloroethane	5.80	63	63203	19.243	ug/l	100
25) 2-Butanone	6.79	43	121600	95.547	ug/l	98
26) 2,2-Dichloropropane	6.78	77	57189	18.889	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	34511	19.117	ug/l	96
28) Bromochloromethane	7.15	49	29912	18.870	ug/l	95
29) Tetrahydrofuran	7.17	42	75458	91.264	ug/l	97
30) Chloroform	7.33	83	64147	18.377	ug/l	99
31) Cyclohexane	7.61	56	53775	17.835	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	57597	18.455	ug/l	99
36) 1,1-Dichloropropene	7.75	75	42740	17.699	ug/l	97
37) Ethyl Acetate	6.88	43	44727	17.731	ug/l	98
38) Carbon Tetrachloride	7.73	117	50784	17.782	ug/l	92

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Instrument :
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 VN0813WBSD01

Quant Time: Aug 14 05:06:17 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	49294	16.962	ug/l	98
40) Benzene	8.00	78	129127	17.920	ug/l	99
41) Methacrylonitrile	7.13	41	19568	17.191	ug/l #	74
42) 1,2-Dichloroethane	8.09	62	55950	18.243	ug/l	98
43) Isopropyl Acetate	8.13	43	70550	16.768	ug/l	98
44) Trichloroethene	8.80	130	32182	18.331	ug/l	95
45) 1,2-Dichloropropane	9.08	63	34651	17.767	ug/l	98
46) Dibromomethane	9.18	93	23268	18.209	ug/l	99
47) Bromodichloromethane	9.37	83	52313	18.228	ug/l	98
48) Methyl methacrylate	9.17	41	33915	16.388	ug/l	96
49) 1,4-Dioxane	9.17	88	13384	349.026	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	254678	93.553	ug/l	99
52) Toluene	10.12	92	79356	17.837	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	56699	17.960	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	60062	18.950	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	36129	19.014	ug/l	96
56) Ethyl methacrylate	10.40	69	49322	17.245	ug/l	98
57) 1,3-Dichloropropane	10.68	76	59455	18.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	58712	72.623	ug/l	99
59) 2-Hexanone	10.72	43	177353	87.337	ug/l	100
60) Dibromochloromethane	10.88	129	41761	19.259	ug/l	99
61) 1,2-Dibromoethane	10.98	107	35392	18.876	ug/l	97
64) Tetrachloroethene	10.60	164	26851	18.900	ug/l	95
65) Chlorobenzene	11.41	112	88146	19.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36914	19.971	ug/l	97
67) Ethyl Benzene	11.48	91	153934	18.689	ug/l	98
68) m/p-Xylenes	11.60	106	114809	38.398	ug/l	96
69) o-Xylene	11.92	106	54918	19.600	ug/l	98
70) Styrene	11.94	104	97705	19.838	ug/l	97
71) Bromoform	12.10	173	29385	19.430	ug/l #	99
73) Isopropylbenzene	12.22	105	159574	20.813	ug/l	97
74) N-amyl acetate	12.05	43	60160	19.362	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	52797	19.562	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	70060	25.513	ug/l #	100
77) Bromobenzene	12.50	156	37938	19.915	ug/l	94
78) n-propylbenzene	12.57	91	177873	19.764	ug/l	99
79) 2-Chlorotoluene	12.65	91	114179	20.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	135420	20.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18277	20.319	ug/l	98
82) 4-Chlorotoluene	12.75	91	113457	19.507	ug/l	99
83) tert-Butylbenzene	12.97	119	115115	20.453	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	131319	20.637	ug/l	100
85) sec-Butylbenzene	13.15	105	145659	19.707	ug/l	99
86) p-Isopropyltoluene	13.26	119	130928	19.957	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	64176	18.857	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	63215	18.520	ug/l	99
89) n-Butylbenzene	13.59	91	100987	18.200	ug/l	99
90) Hexachloroethane	13.85	117	26000	18.385	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	64119	20.096	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11228	19.377	ug/l	98

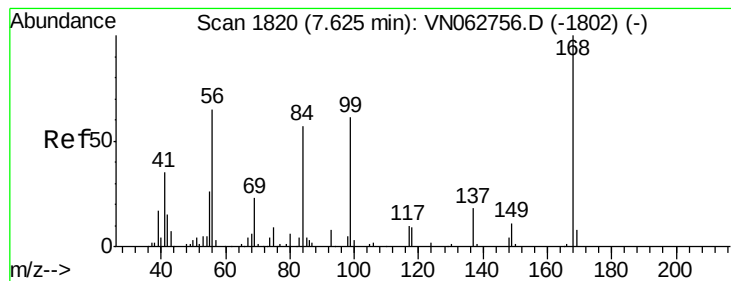
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
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Instrument :
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Quant Time: Aug 14 05:06:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	25778	17.366	ug/l	98
94) Hexachlorobutadiene	14.98	225	21909	20.916	ug/l	95
95) Naphthalene	15.11	128	66742	16.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	27239	17.985	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

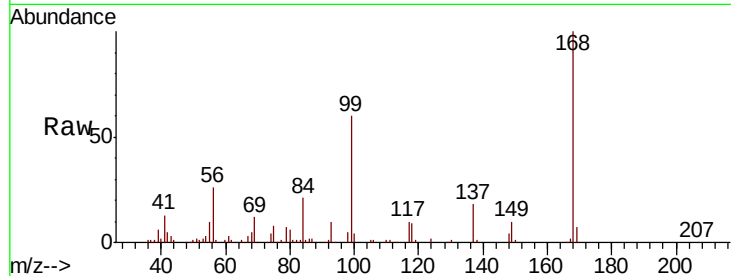
VN0813WBSD01

Tot Ion:168 Resp: 150381

Ion Ratio Lower Upper

168 100

99 59.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

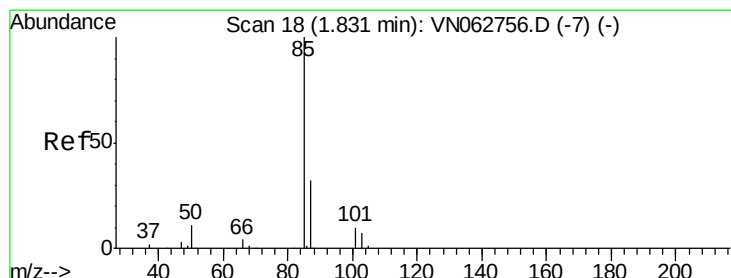
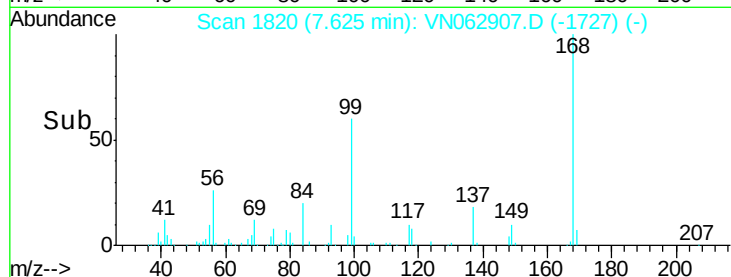
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.910 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062907.D

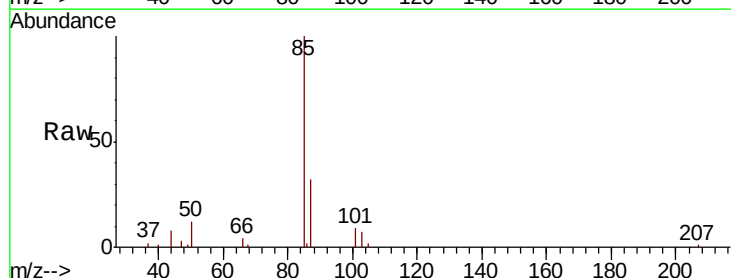
Acq: 13 Aug 2020 13:37

Tgt Ion: 85 Resp: 42875

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

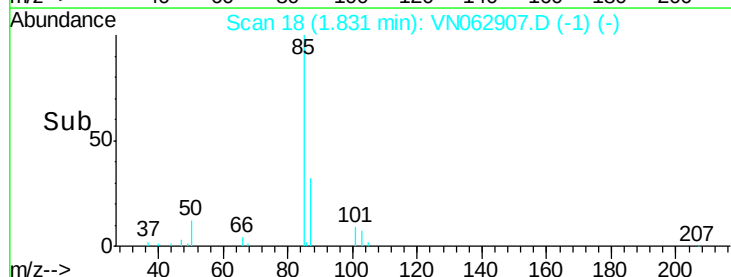
20000

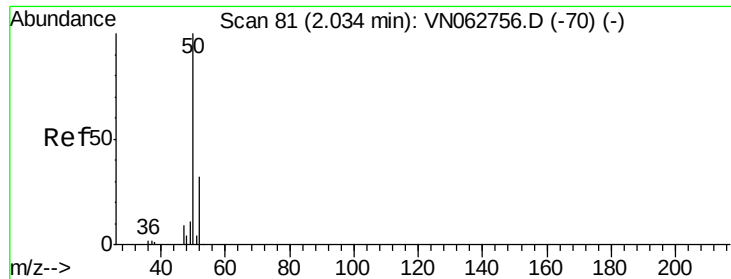
10000

0

1.80 1.85 1.90

Time-->

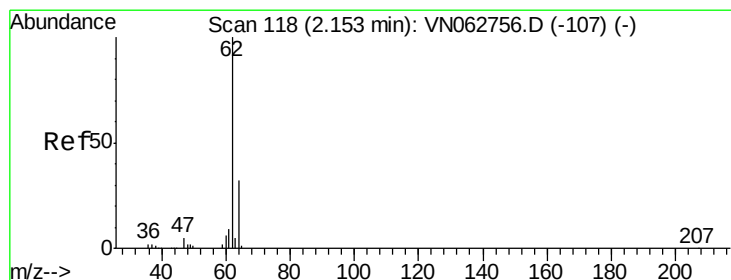
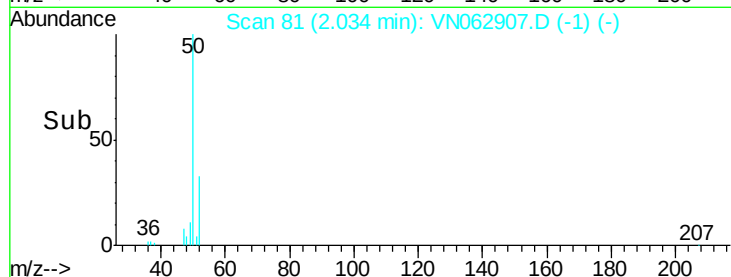
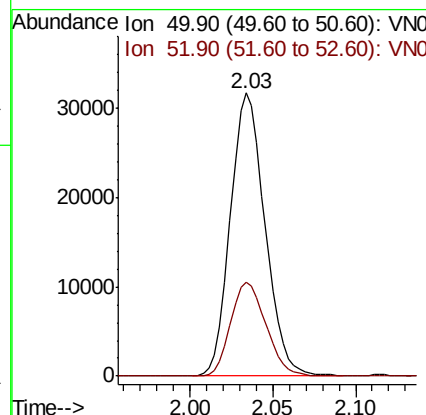
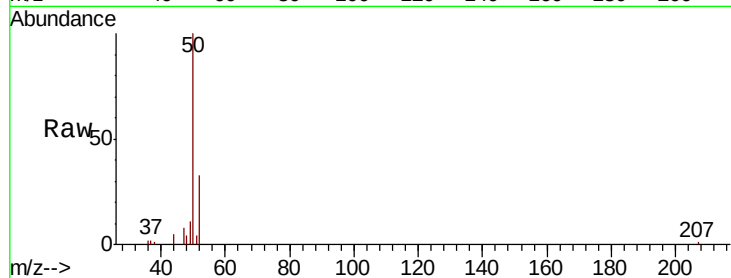




#3
Chloromethane
Concen: 22.622 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

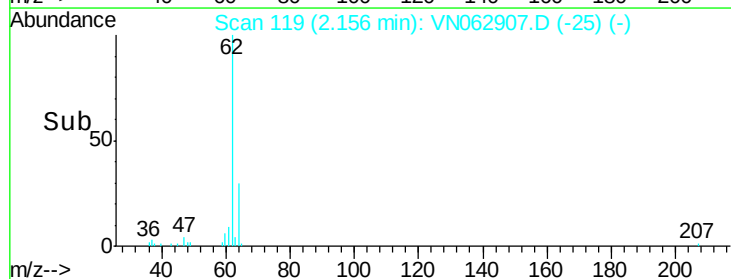
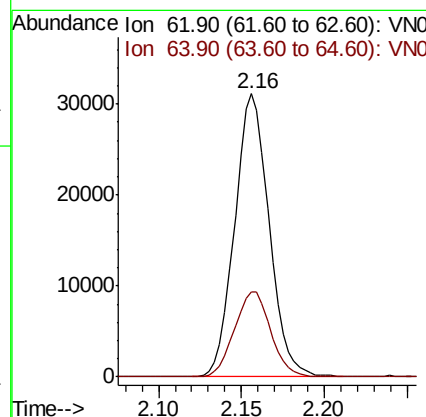
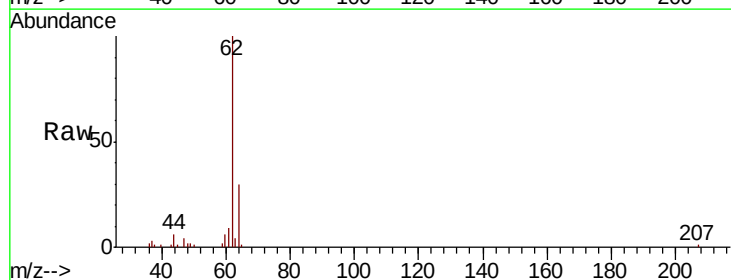
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

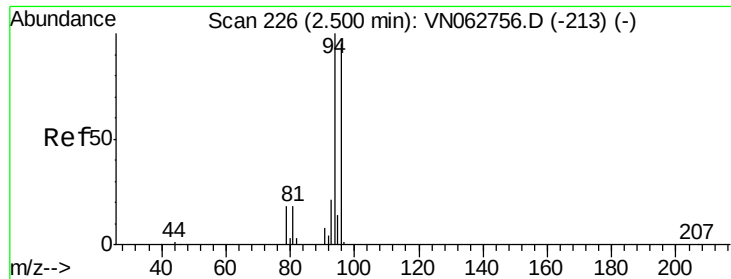
Tot Ion: 50 Resp: 45969
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 23.594 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 62 Resp: 44968
Ion Ratio Lower Upper
62 100
64 30.2 25.8 38.8





#5

Bromomethane

Concen: 21.540 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.01 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

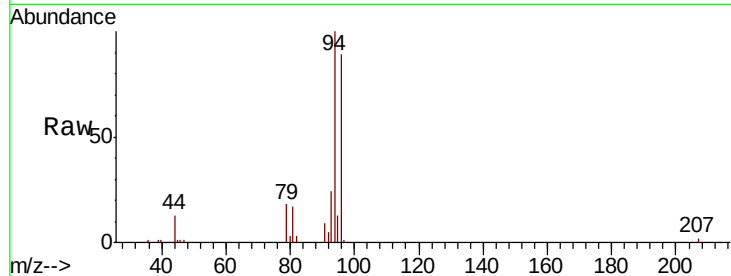
VN0813WBSD01

Tot Ion: 94 Resp: 27177

Ion Ratio Lower Upper

94 100

96 89.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

15000

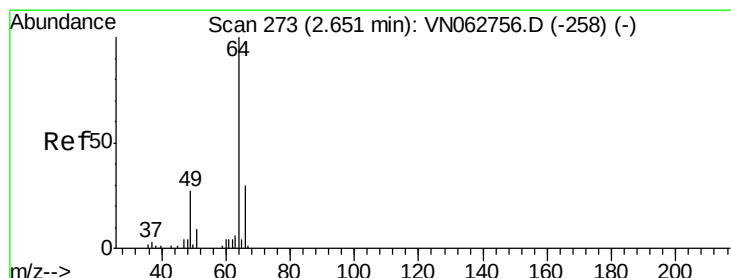
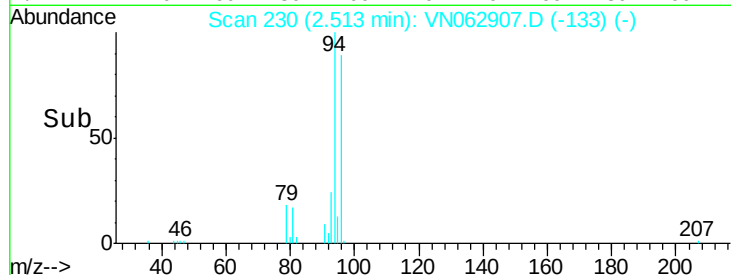
10000

5000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 22.207 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062907.D

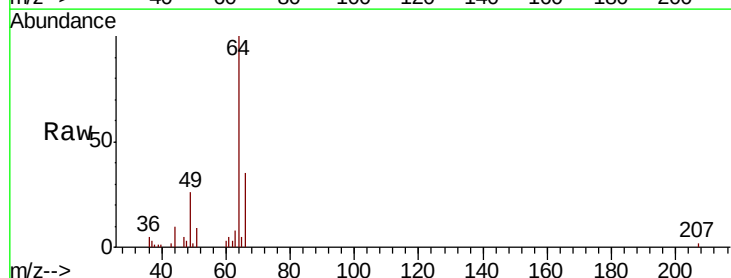
Acq: 13 Aug 2020 13:37

Tgt Ion: 64 Resp: 27845

Ion Ratio Lower Upper

64 100

66 35.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

15000

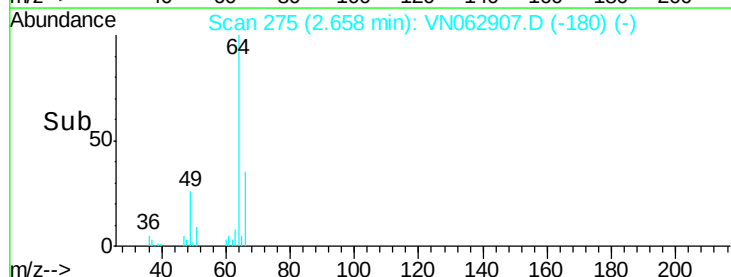
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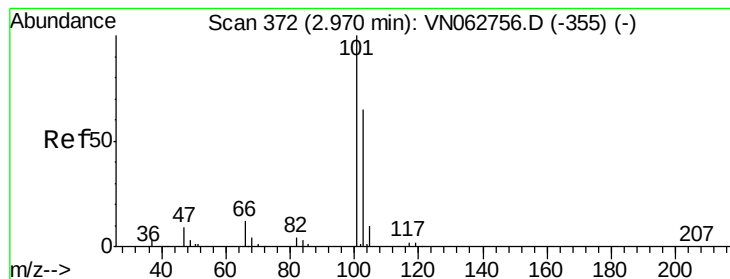
5000

0

2.60 2.65 2.70 2.75

Time-->



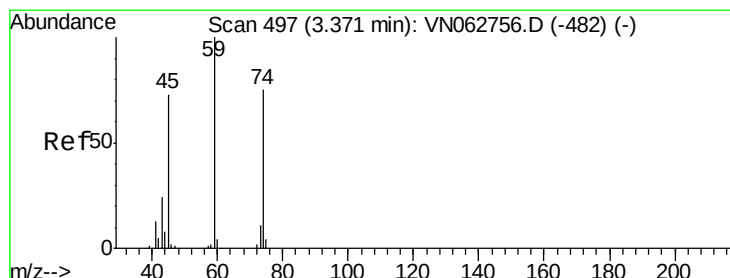
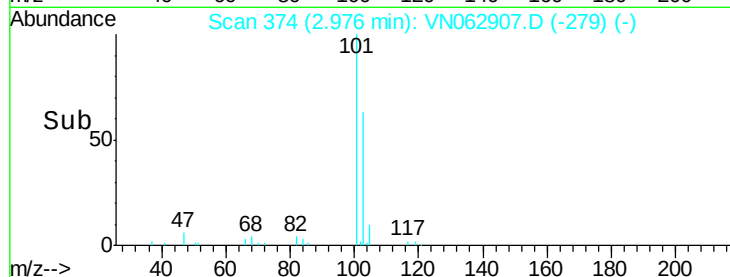
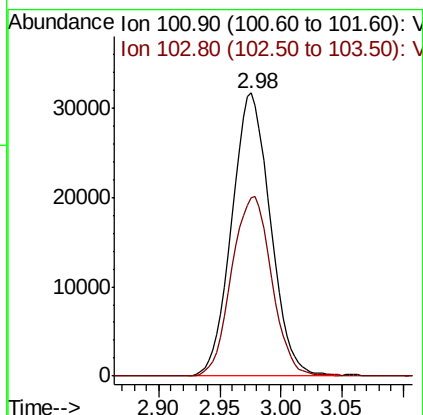
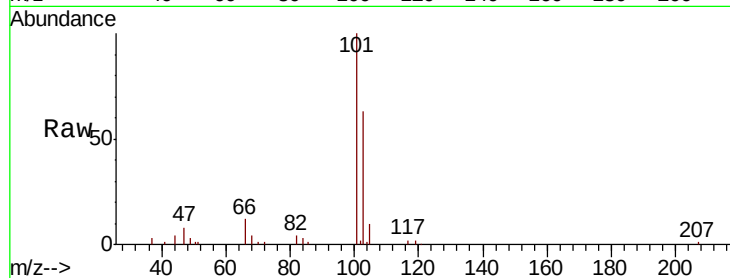


#7

Trichlorofluoromethane
Concen: 20.444 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.01 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Instrument :
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VN0813WBSD01

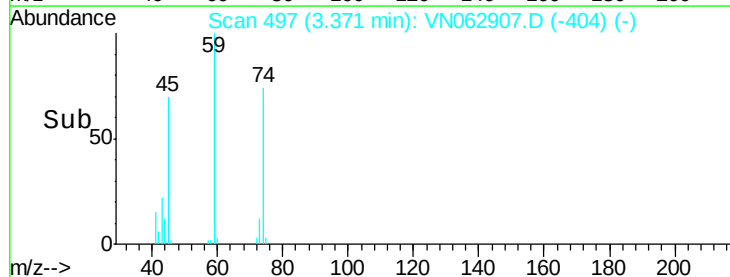
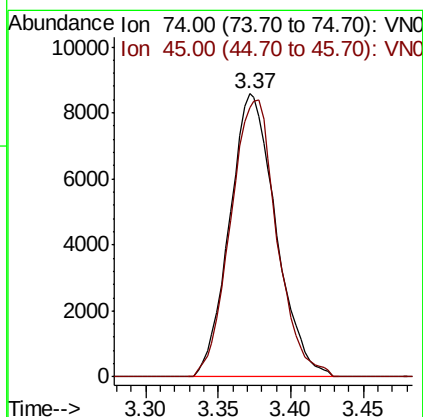
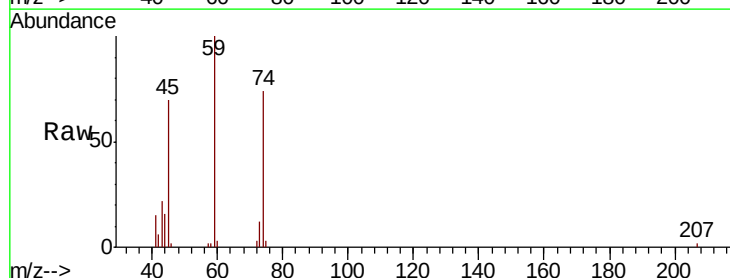
Tot Ion:101 Resp: 69480
Ion Ratio Lower Upper
101 100
103 62.9 52.3 78.5

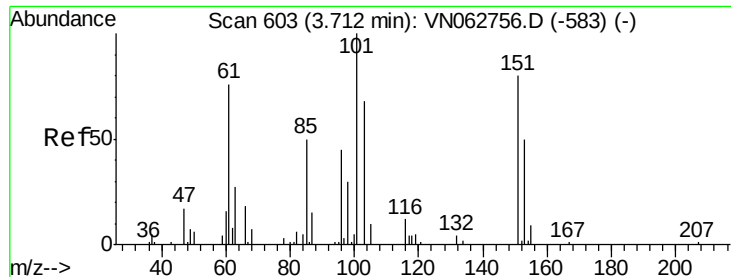


#8

Diethyl Ether
Concen: 19.586 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 74 Resp: 19056
Ion Ratio Lower Upper
74 100
45 97.6 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.102 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

VN0813WBSD01

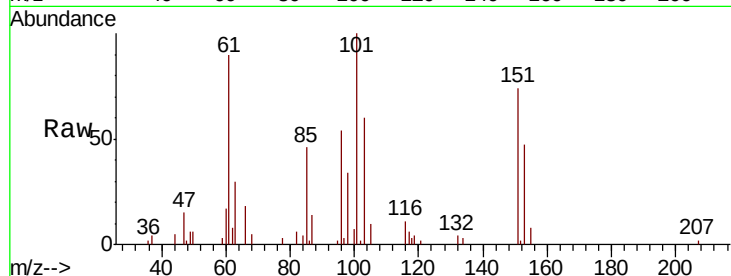
Tot Ion:101 Resp: 29620

Ion Ratio Lower Upper

101 100

85 45.3 38.5 57.7

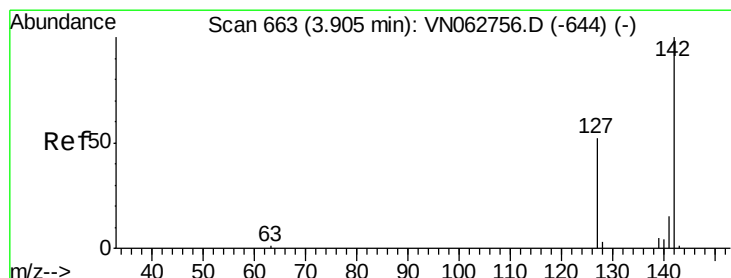
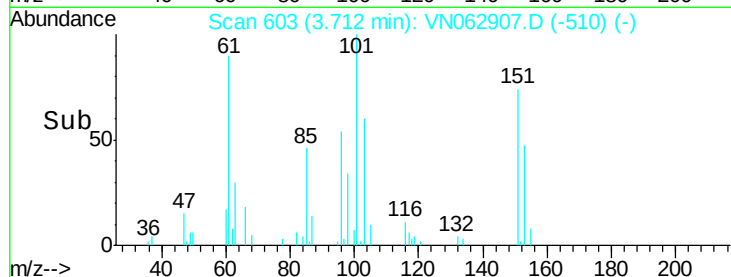
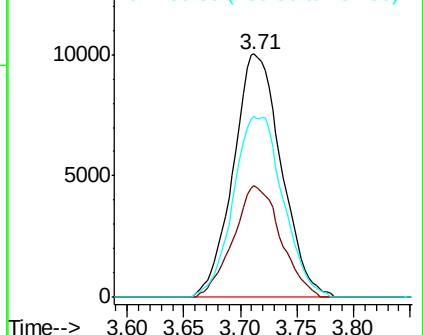
151 77.0 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.161 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

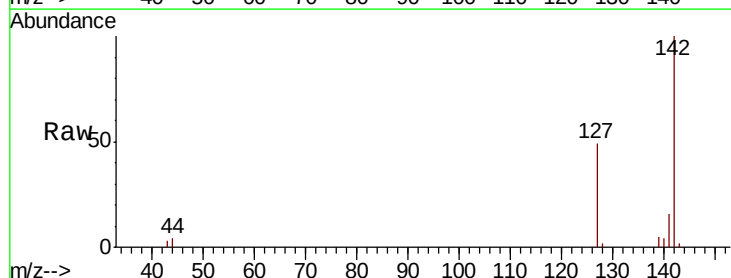
Tgt Ion:142 Resp: 34857

Ion Ratio Lower Upper

142 100

127 48.0 41.4 62.0

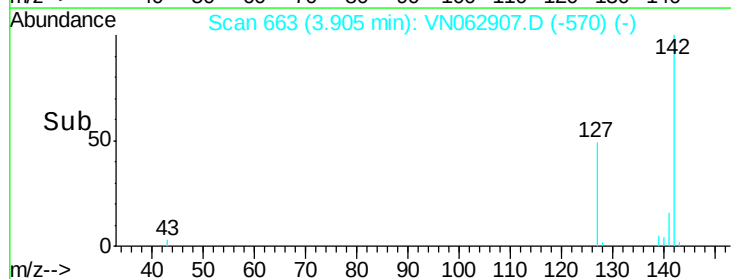
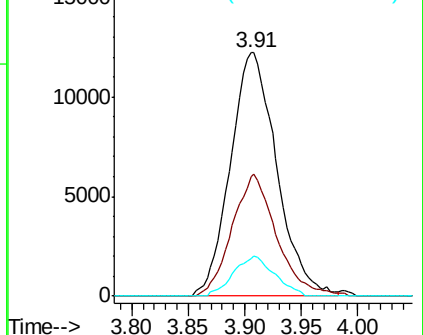
141 14.6 12.2 18.4

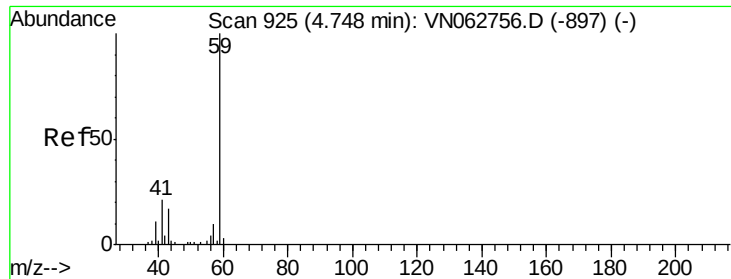


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.487 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.01 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

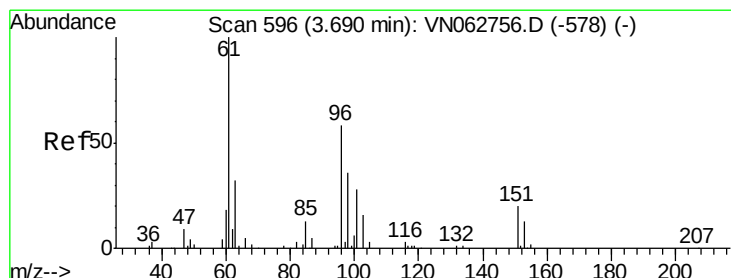
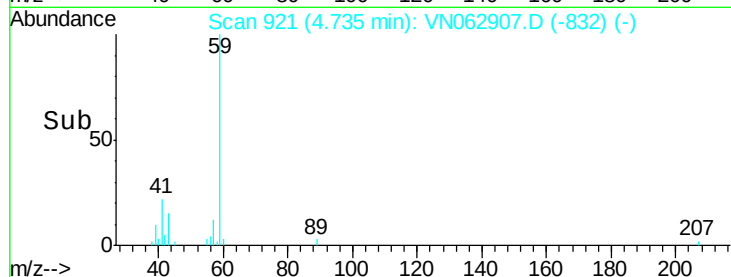
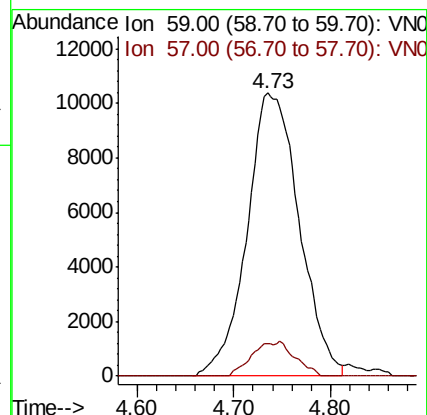
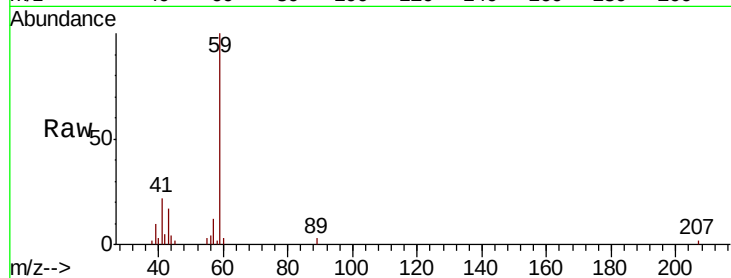
VN0813WBSD01

Tot Ion: 59 Resp: 38919

Ion Ratio Lower Upper

59 100

57 5.4 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 19.659 ug/l

RT: 3.69 min Scan# 596

Delta R.T. 0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

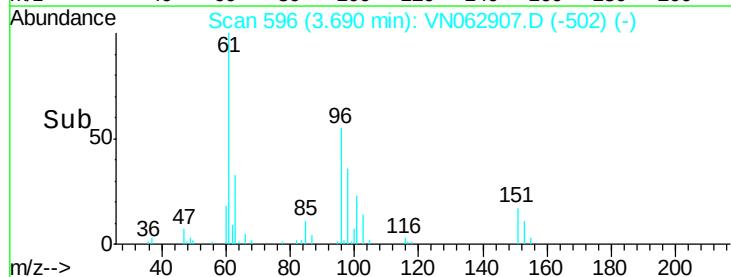
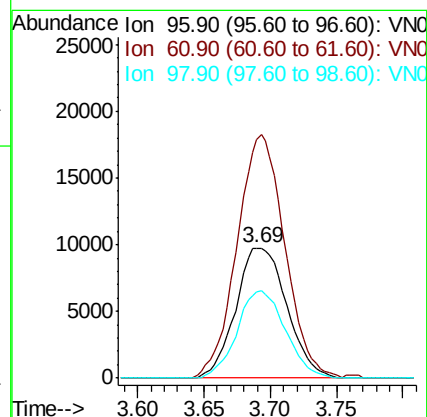
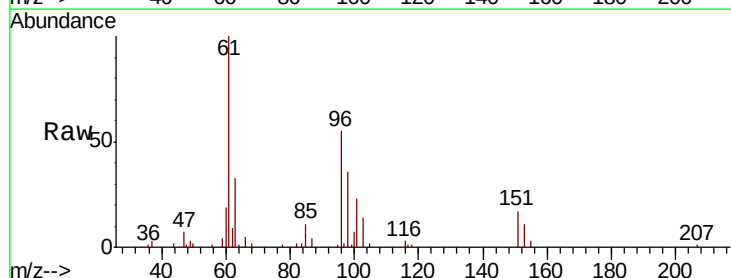
Tgt Ion: 96 Resp: 26085

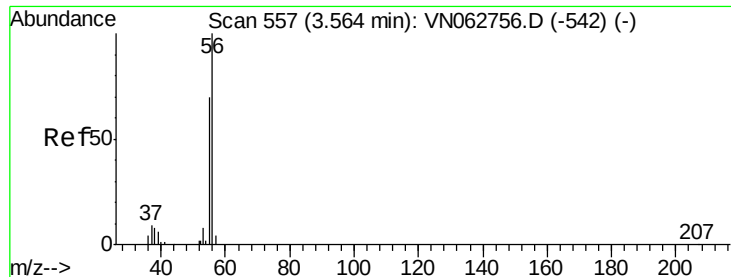
Ion Ratio Lower Upper

96 100

61 183.2 139.0 208.6

98 65.9 50.2 75.4





#13

Acrolein

Concen: 86.753 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

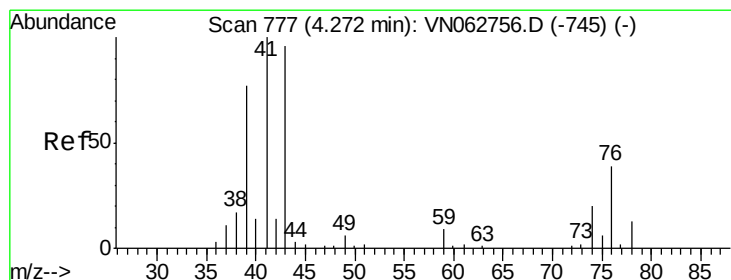
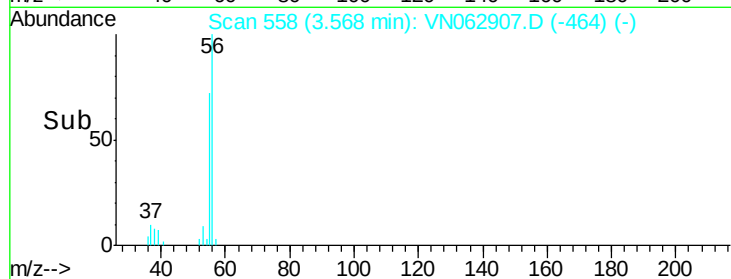
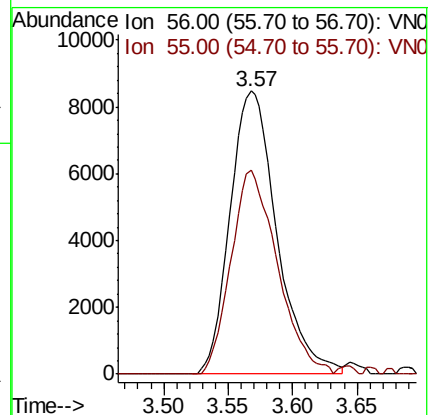
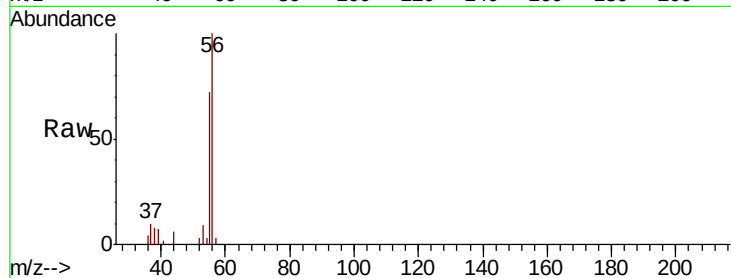
VN0813WBSD01

Tot Ion: 56 Resp: 21409

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.6



#14

Allyl chloride

Concen: 19.342 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

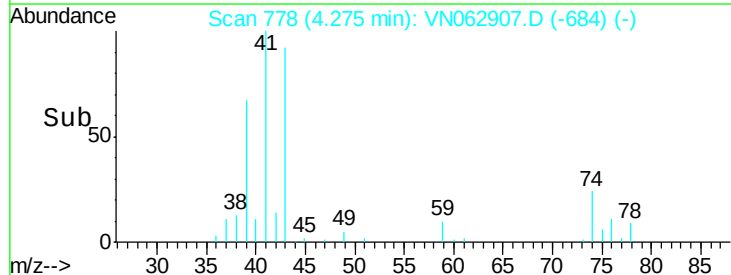
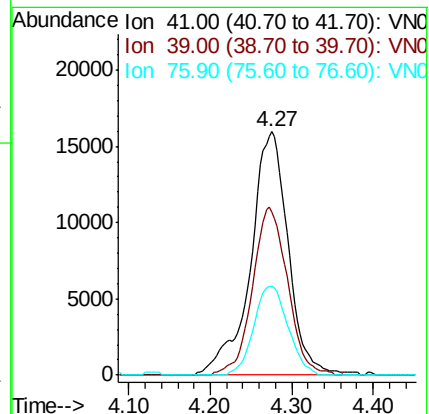
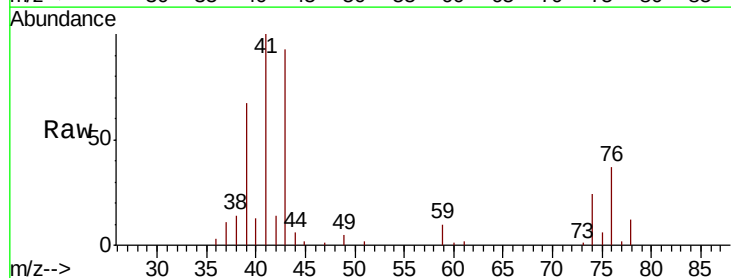
Tgt Ion: 41 Resp: 50925

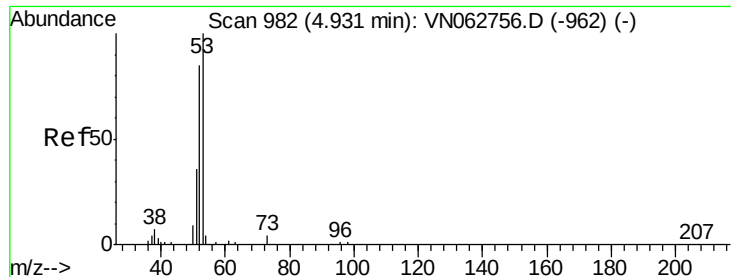
Ion Ratio Lower Upper

41 100

39 64.0 55.7 83.5

76 33.2 27.5 41.3





#15

Acrylonitrile

Concen: 100.458 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

VN0813WBSD01

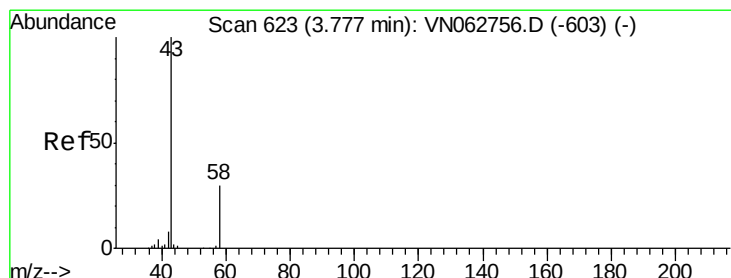
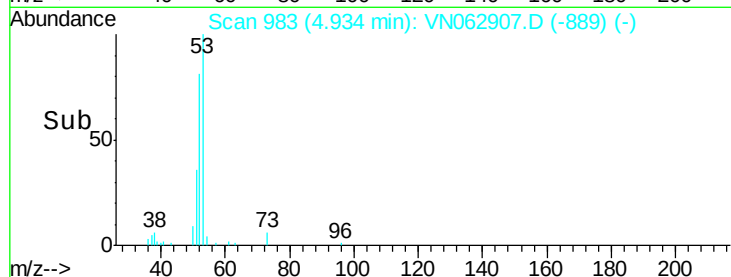
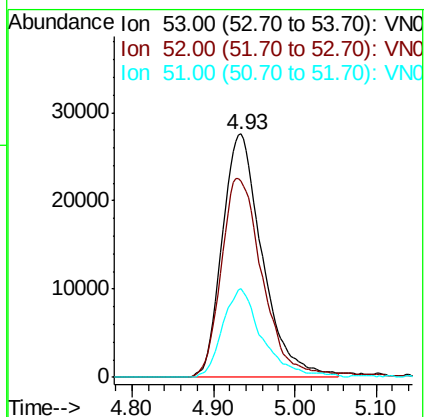
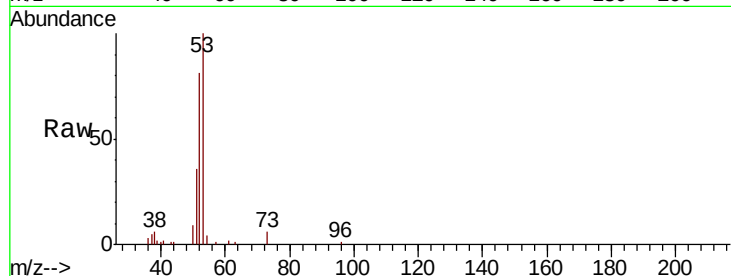
Tot Ion: 53 Resp: 94968

Ion Ratio Lower Upper

53 100

52 83.8 66.8 100.2

51 35.3 29.5 44.3



#16

Acetone

Concen: 97.284 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062907.D

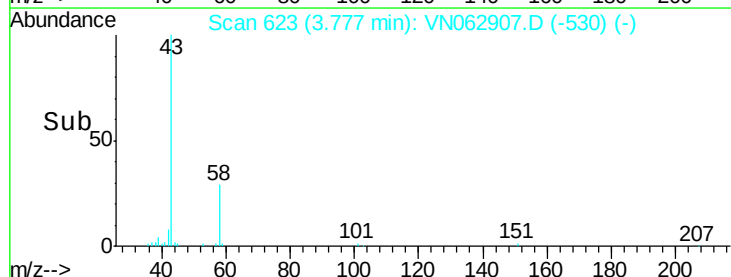
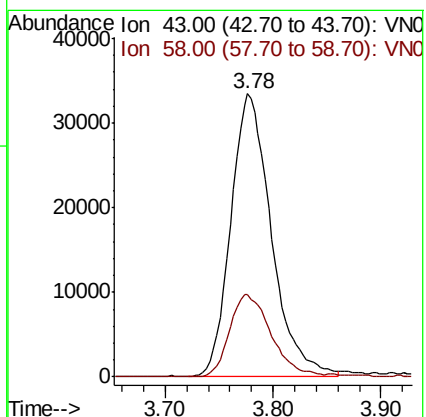
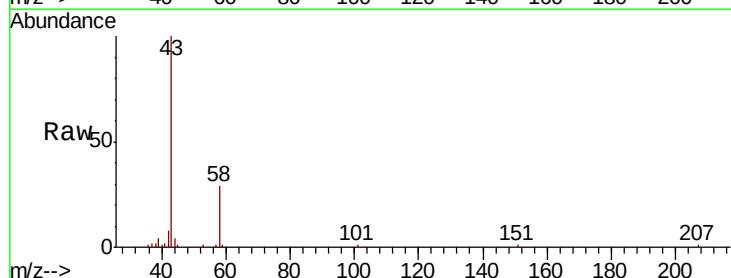
Acq: 13 Aug 2020 13:37

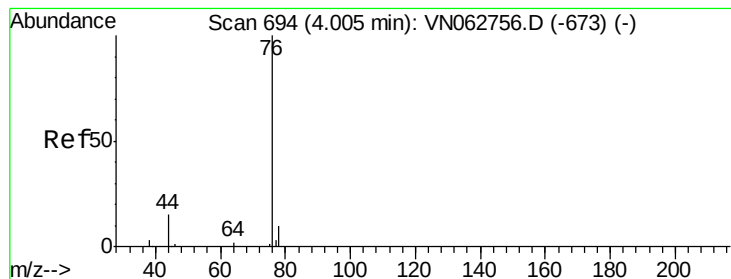
Tgt Ion: 43 Resp: 87418

Ion Ratio Lower Upper

43 100

58 28.4 24.1 36.1





#17

Carbon Disulfide

Concen: 17.798 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

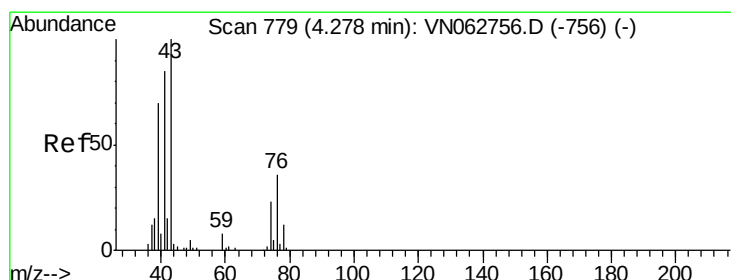
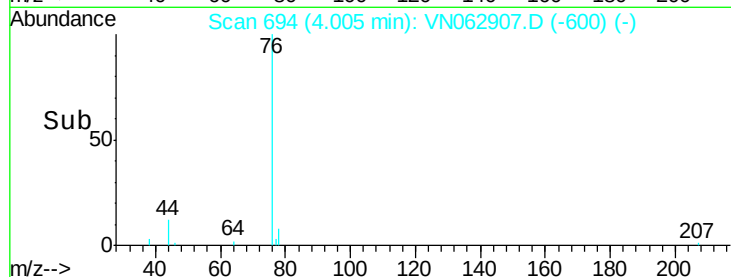
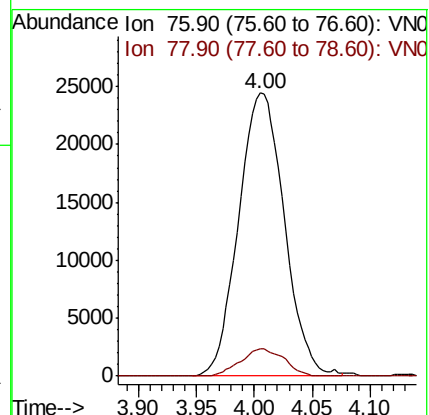
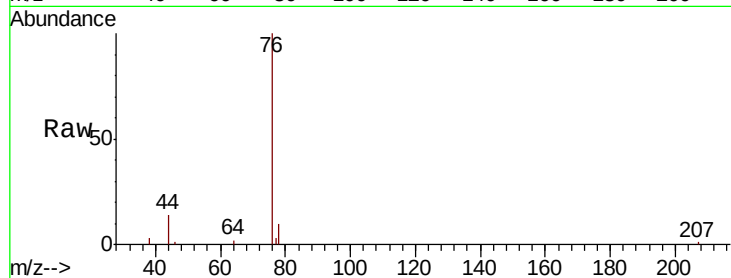
VN0813WBSD01

Tot Ion: 76 Resp: 66888

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5



#18

Methyl Acetate

Concen: 21.264 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062907.D

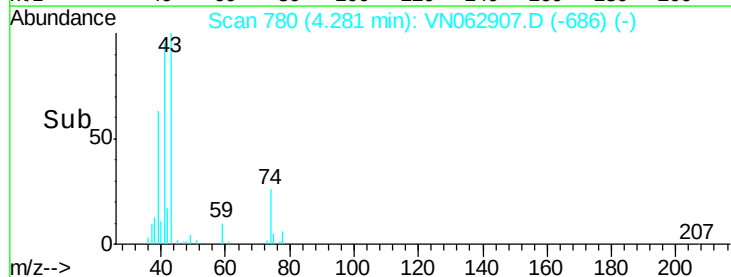
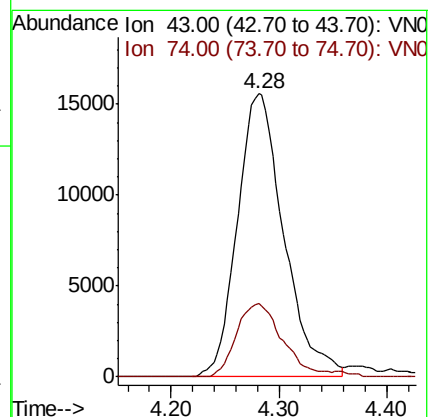
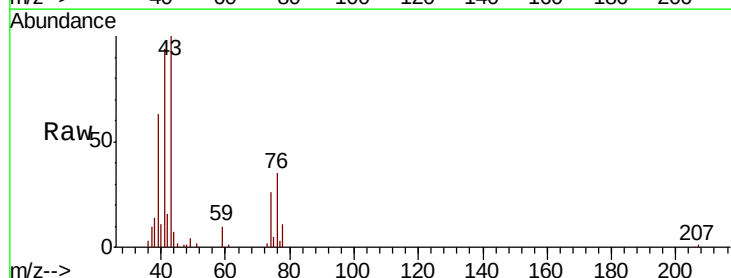
Acq: 13 Aug 2020 13:37

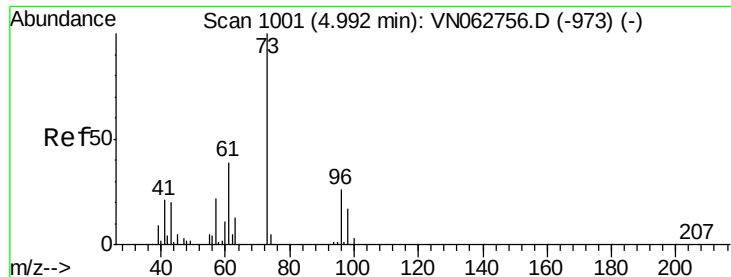
Tgt Ion: 43 Resp: 46572

Ion Ratio Lower Upper

43 100

74 25.7 18.6 28.0



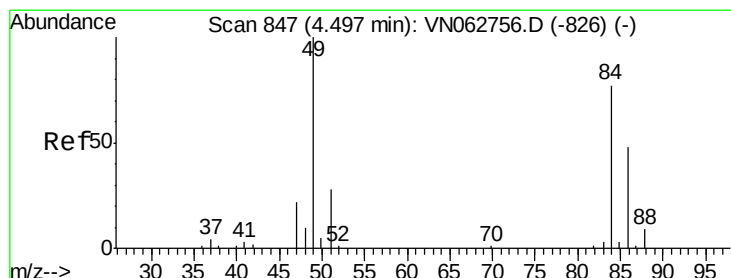
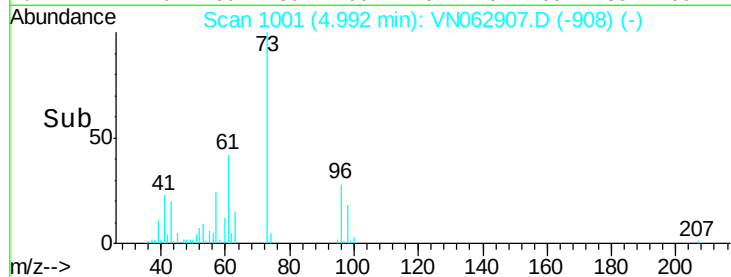
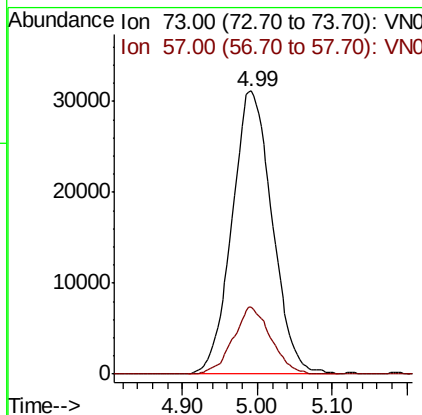
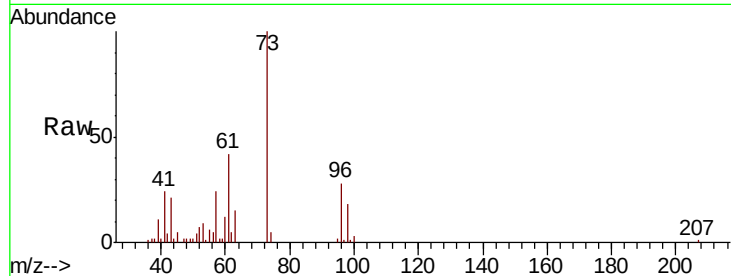


#19

Methyl tert-butyl Ether
 Concen: 20.004 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

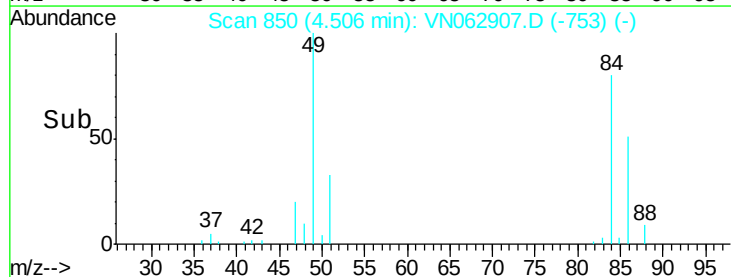
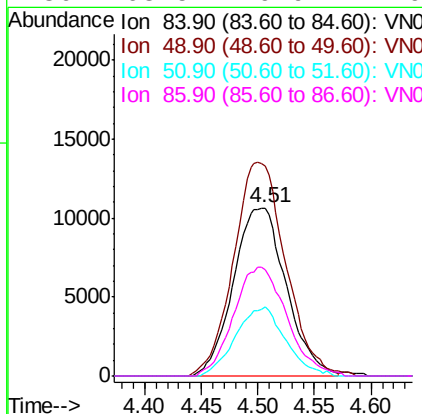
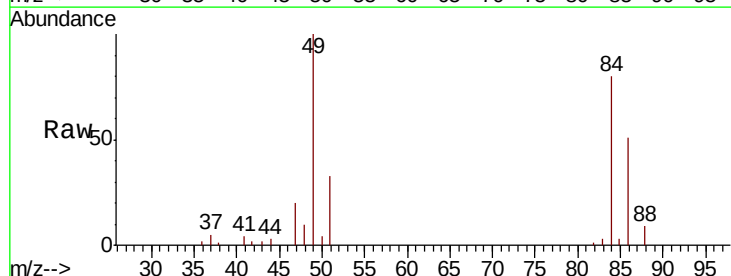
Tot Ion: 73 Resp: 116550
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.5 26.3

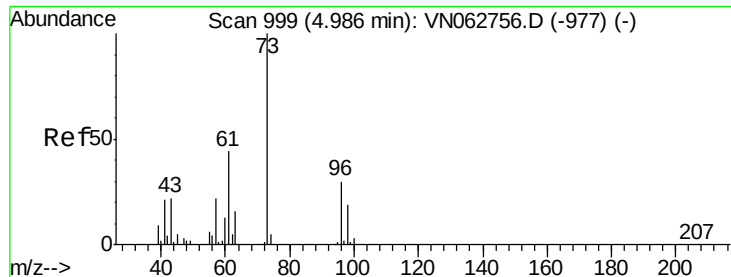


#20

Methylene Chloride
 Concen: 20.554 ug/l
 RT: 4.51 min Scan# 850
 Delta R.T. 0.01 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Tgt Ion: 84 Resp: 34536
 Ion Ratio Lower Upper
 84 100
 49 124.9 103.4 155.2
 51 40.9 29.3 43.9
 86 63.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.637 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

VN0813WBSD01

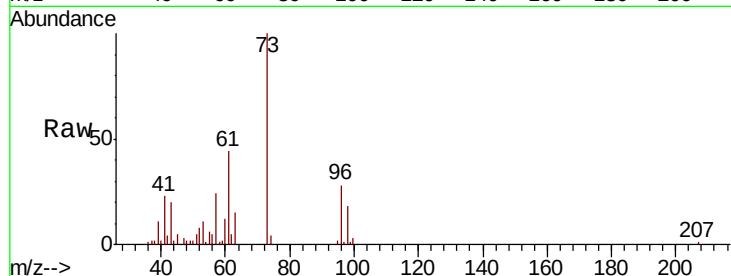
Tot Ion: 96 Resp: 28046

Ion Ratio Lower Upper

96 100

61 154.6 118.8 178.2

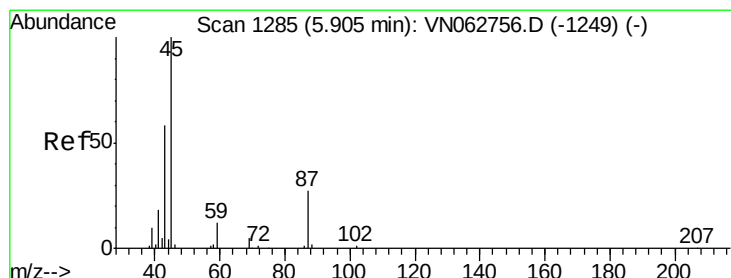
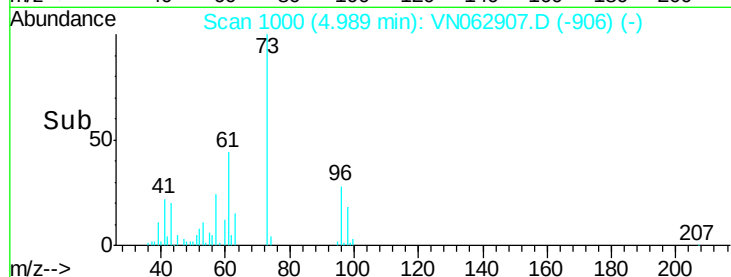
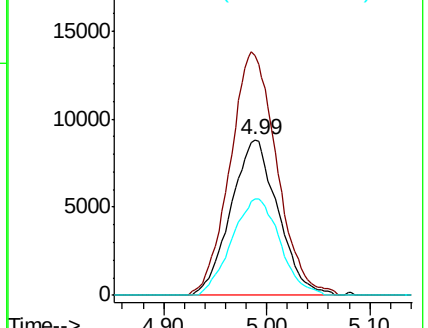
98 61.9 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062907.D (-1000) (-)

Ion 60.90 (60.60 to 61.60): VN062907.D (-1000) (-)

Ion 97.90 (97.60 to 98.60): VN062907.D (-1000) (-)



#22

Diisopropyl ether

Concen: 20.639 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Tgt Ion: 45 Resp: 115679

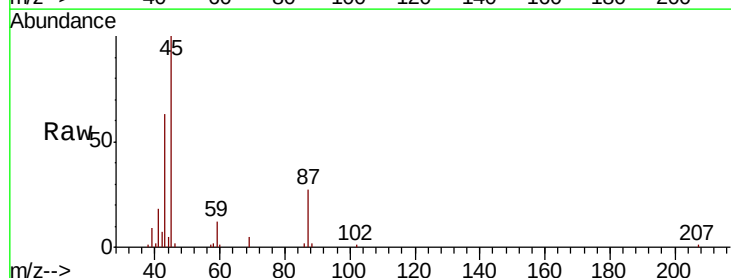
Ion Ratio Lower Upper

45 100

43 60.2 47.4 71.2

87 27.5 22.8 34.2

59 12.0 9.9 14.9

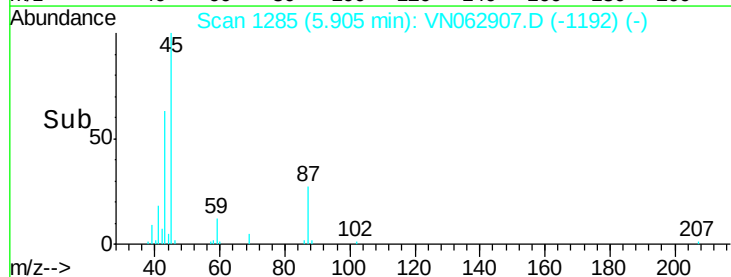
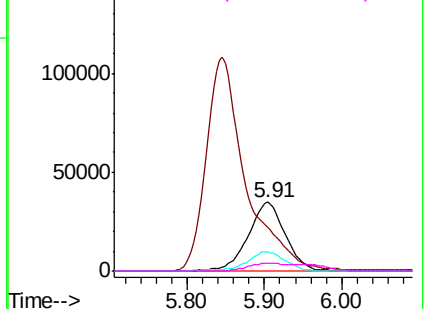


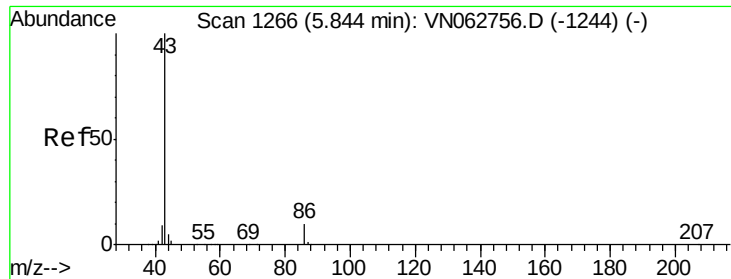
Abundance Ion 45.00 (44.70 to 45.70): VN062907.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062907.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062907.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062907.D (-1192) (-)





#23

Vinyl Acetate

Concen: 90.490 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

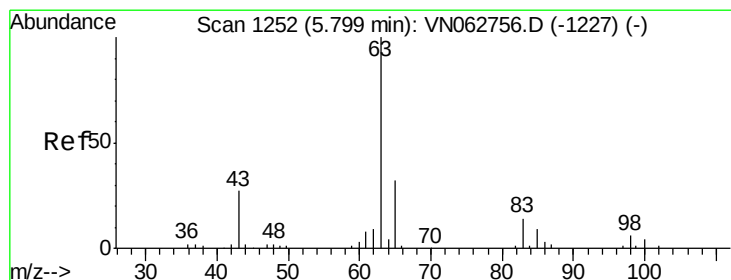
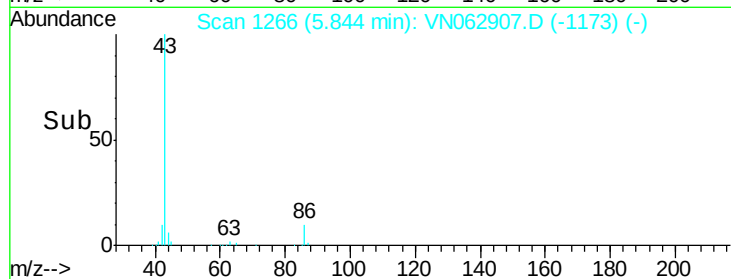
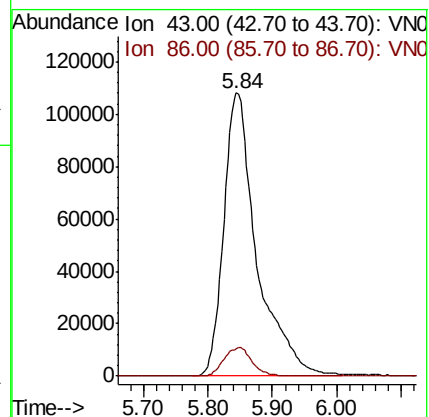
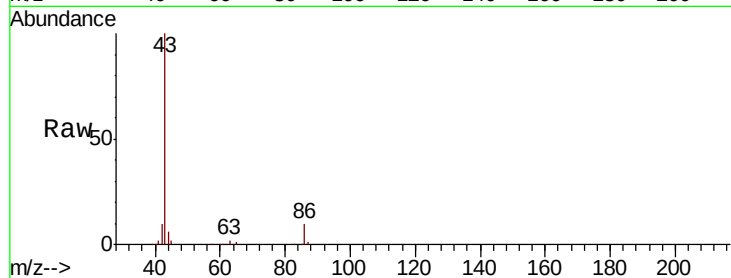
VN0813WBSD01

Tot Ion: 43 Resp: 385769

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



#24

1,1-Dichloroethane

Concen: 19.243 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

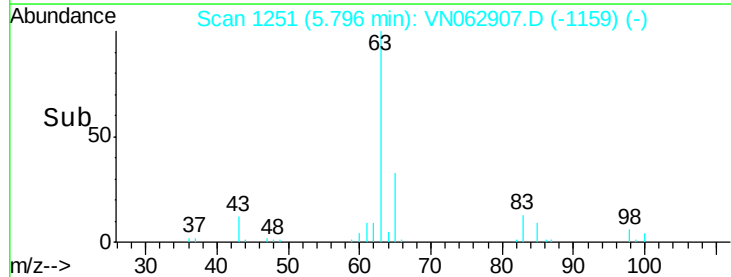
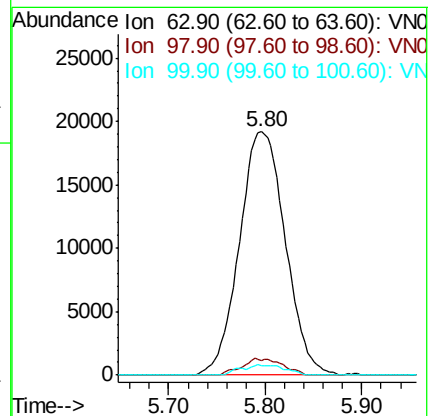
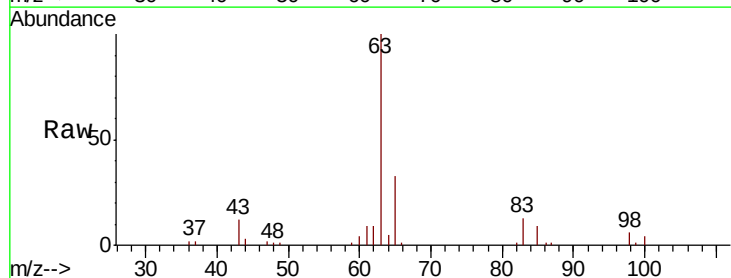
Tgt Ion: 63 Resp: 63203

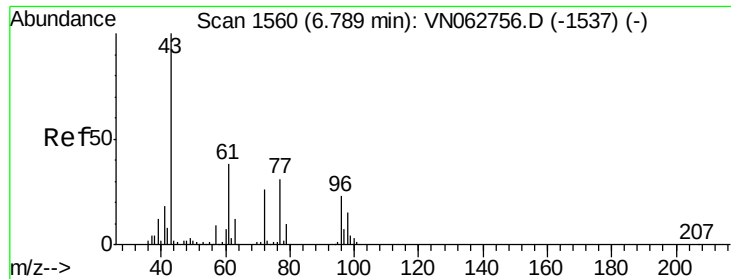
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 95.547 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

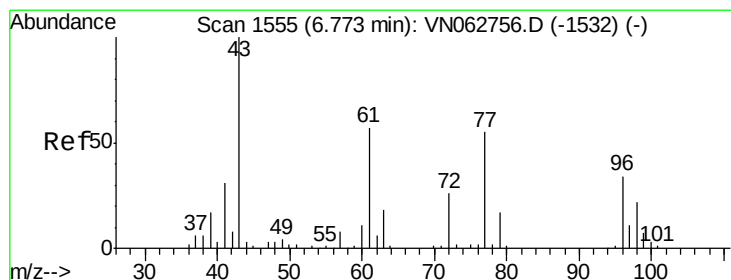
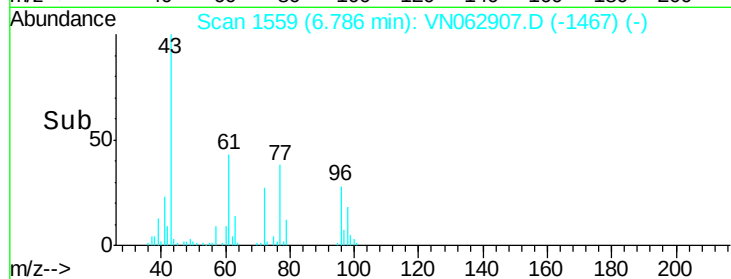
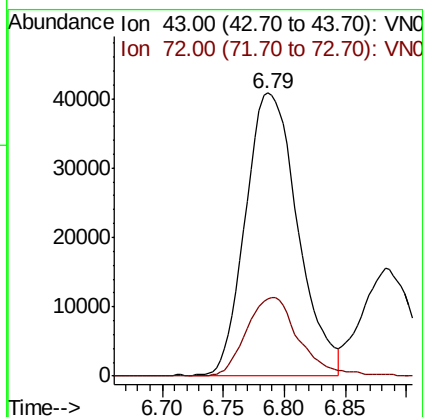
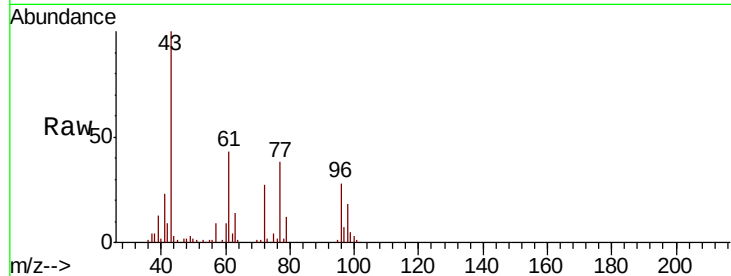
VN0813WBSD01

Tot Ion: 43 Resp: 121600

Ion Ratio Lower Upper

43 100

72 27.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 18.889 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062907.D

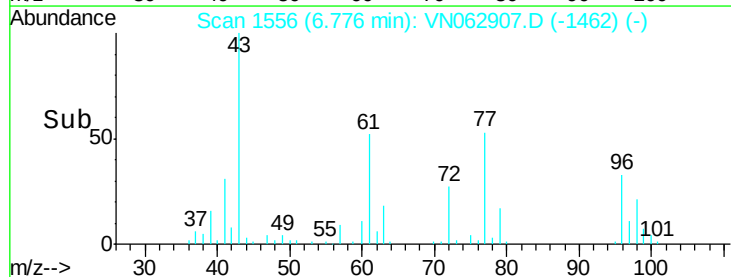
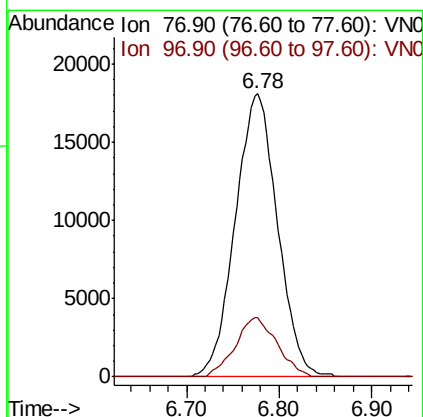
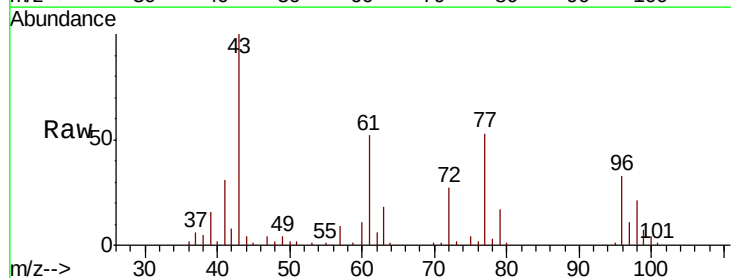
Acq: 13 Aug 2020 13:37

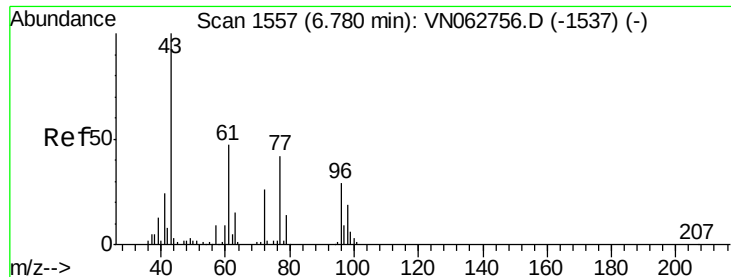
Tgt Ion: 77 Resp: 57189

Ion Ratio Lower Upper

77 100

97 20.7 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.117 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

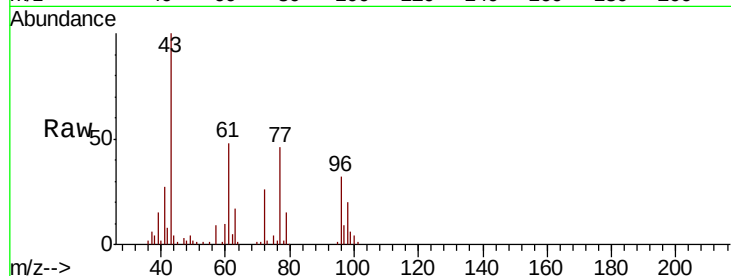
Tot Ion: 96 Resp: 34511

Ion Ratio Lower Upper

96 100

61 158.6 0.0 332.2

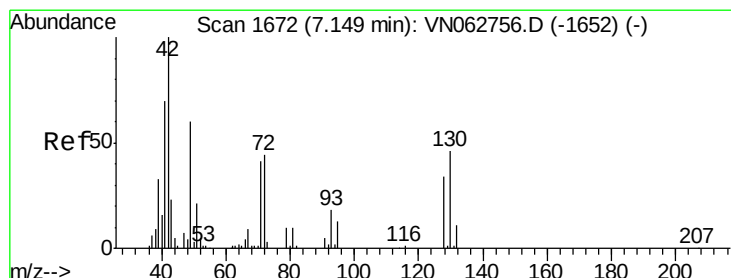
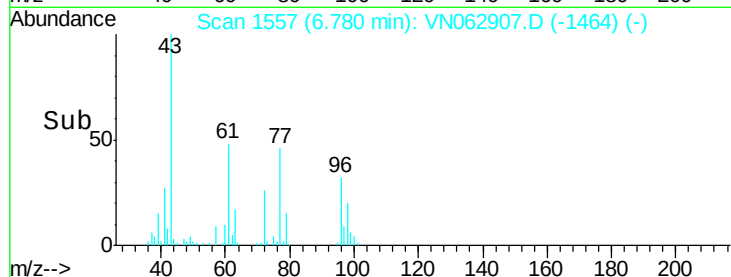
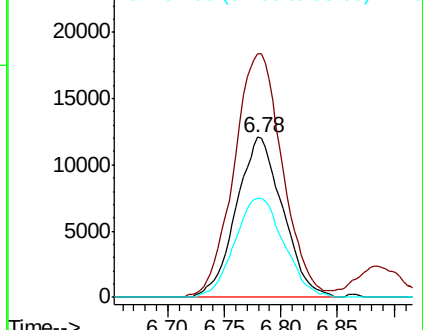
98 65.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062907.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062907.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062907.D (-1464) (-)



#28

Bromochloromethane

Concen: 18.870 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

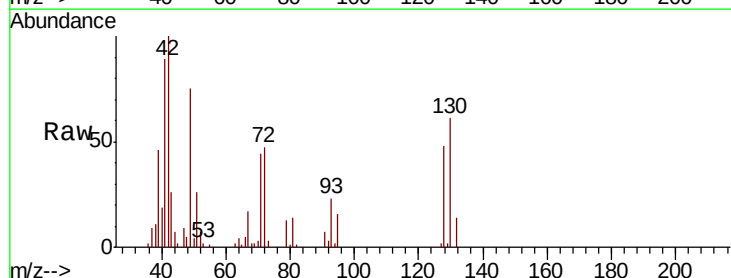
Tgt Ion: 49 Resp: 29912

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.2

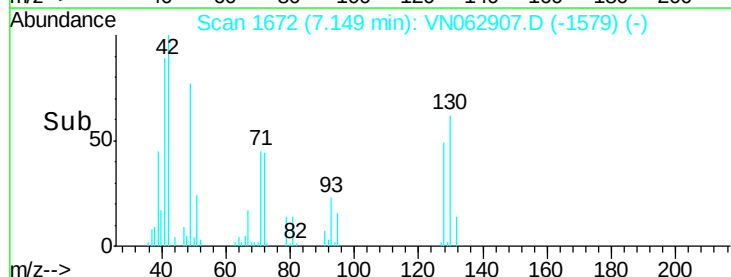
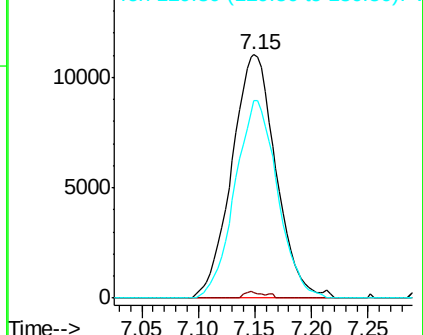
130 78.5 59.0 88.6

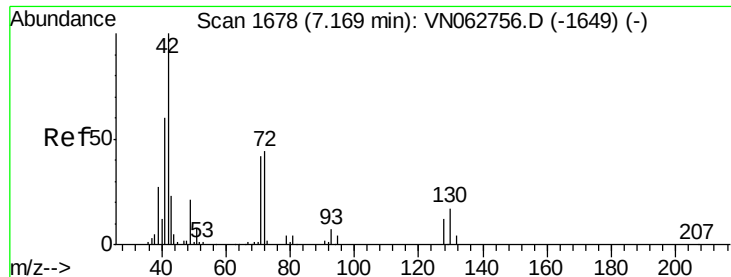


Abundance Ion 48.90 (48.60 to 49.60): VN062907.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062907.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062907.D (-1579) (-)

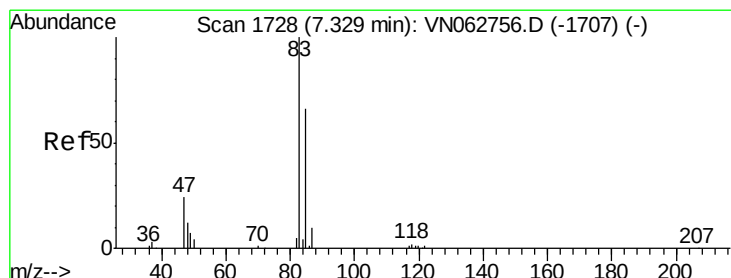
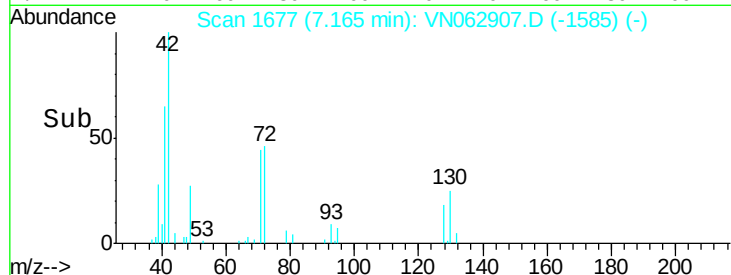
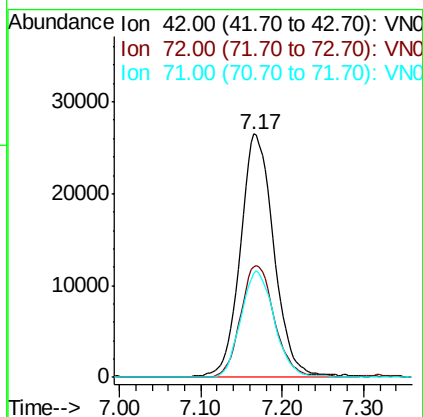
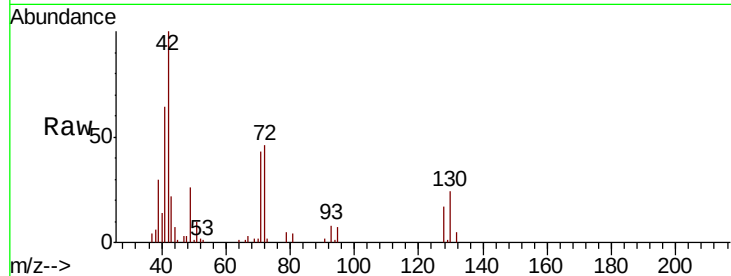




#29
Tetrahydrofuran
Concen: 91.264 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

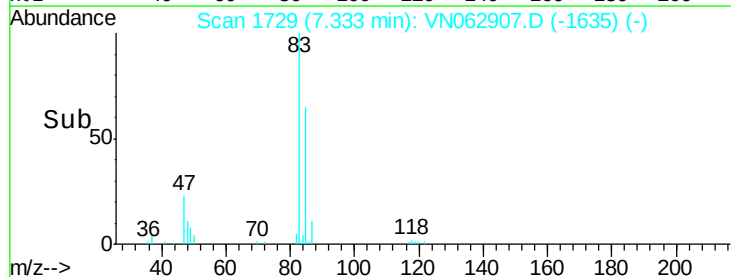
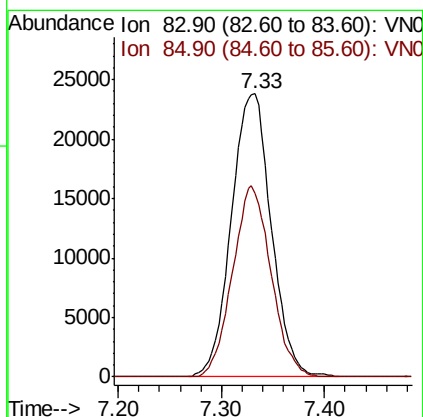
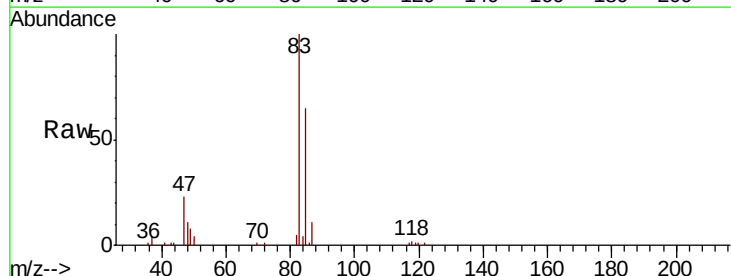
Instrument :
MSVOA_N
ClientSampled :
VN0813WBSD01

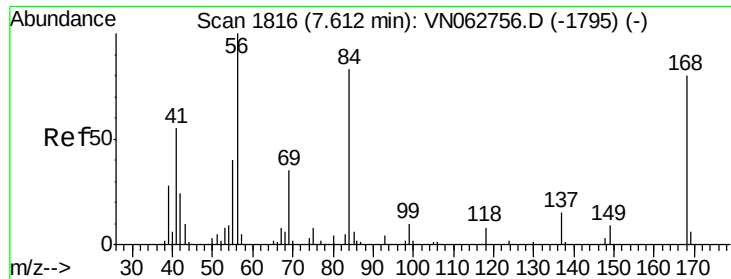
Tot Ion: 42 Resp: 75458
Ion Ratio Lower Upper
42 100
72 45.8 35.0 52.4
71 43.1 33.2 49.8



#30
Chloroform
Concen: 18.377 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 83 Resp: 64147
Ion Ratio Lower Upper
83 100
85 65.0 52.7 79.1

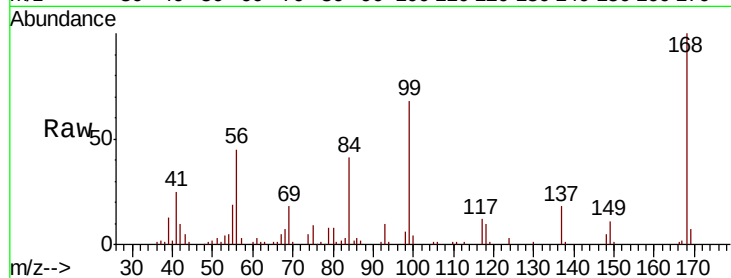




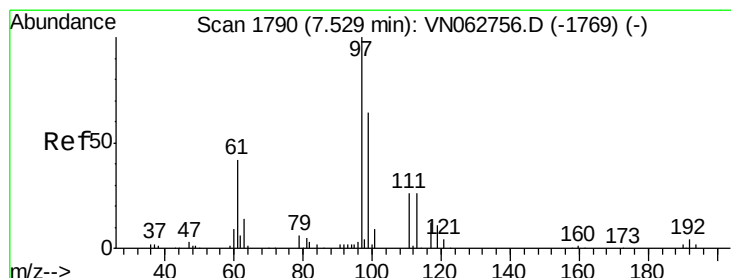
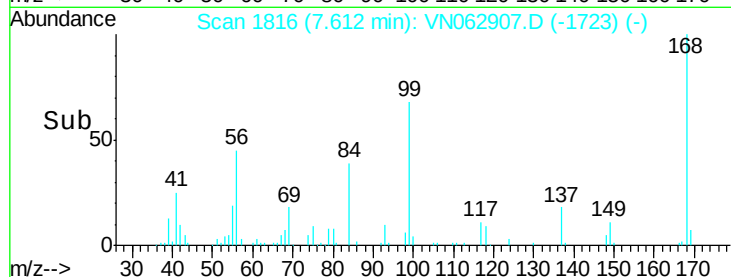
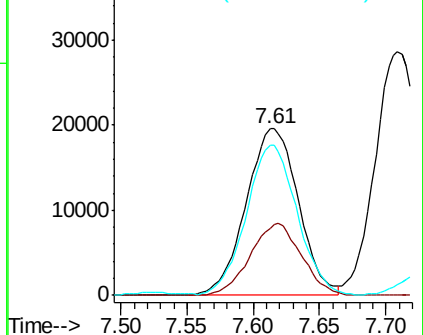
#31
Cyclohexane
Concen: 17.835 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tot Ion: 56 Resp: 53775
Ion Ratio Lower Upper
56 100
69 40.5 28.1 42.1
84 88.9 66.8 100.2

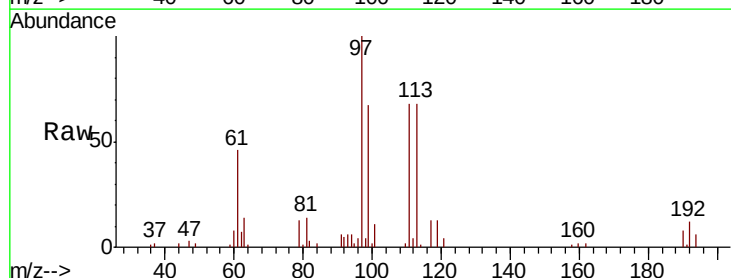


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

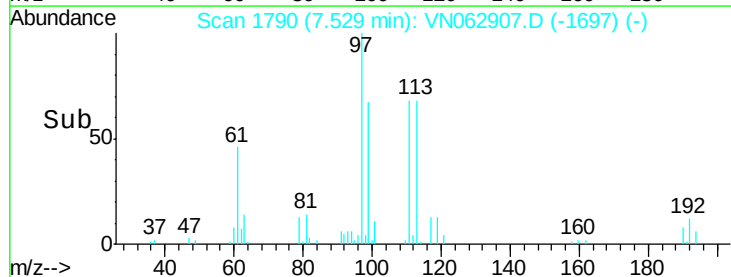
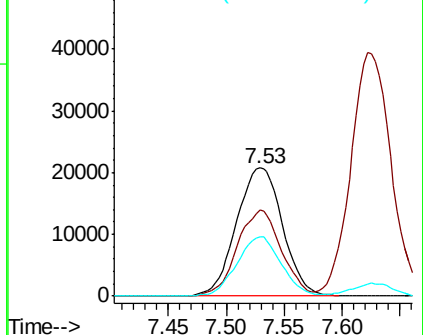


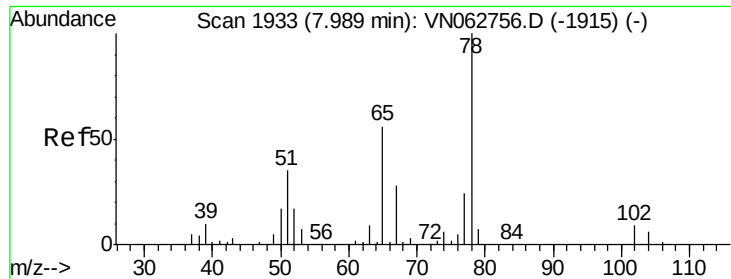
#32
1,1,1-Trichloroethane
Concen: 18.455 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 97 Resp: 57597
Ion Ratio Lower Upper
97 100
99 63.8 50.0 75.0
61 44.2 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

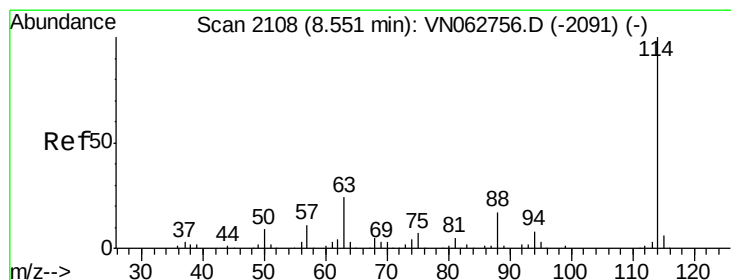
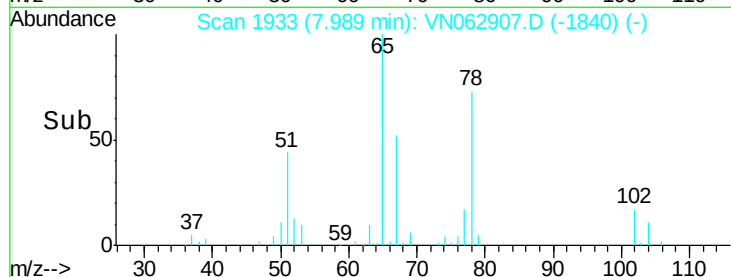
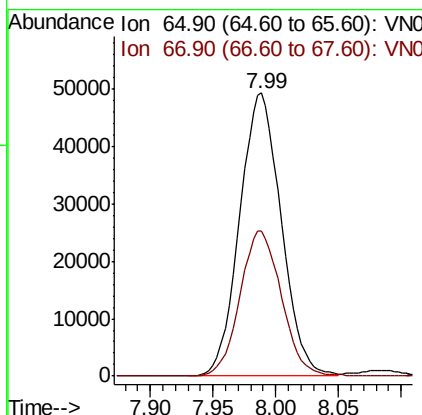
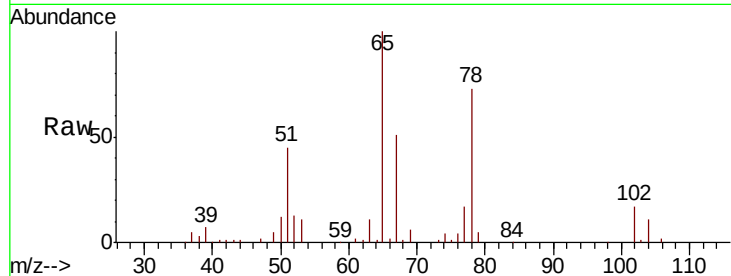




#33
 1,2-Dichloroethane-d4
 Concen: 45.766 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

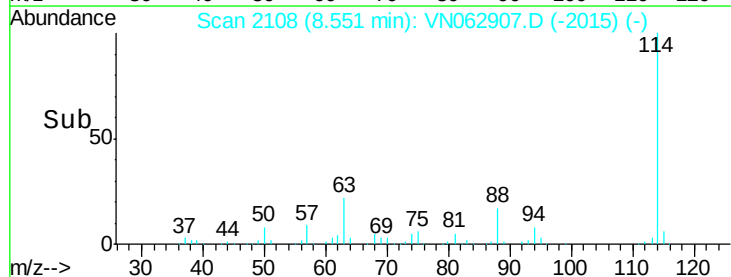
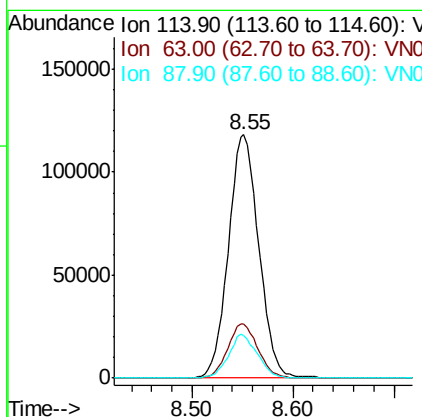
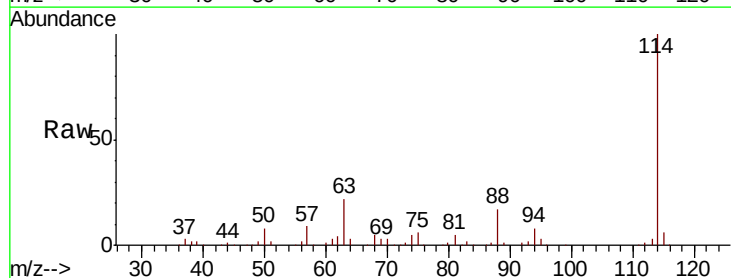
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

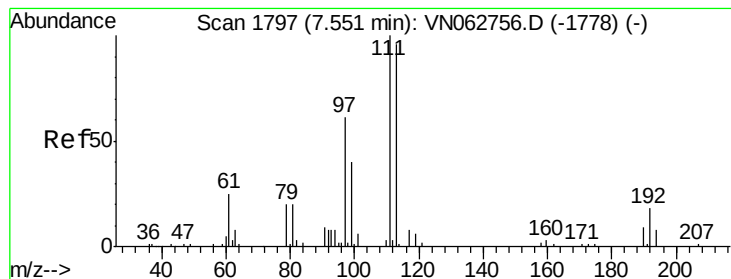
Tot Ion: 65 Resp: 113812
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Tgt Ion: 114 Resp: 248001
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 17.3 0.0 34.4





#35

Dibromofluoromethane

Concen: 45.863 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

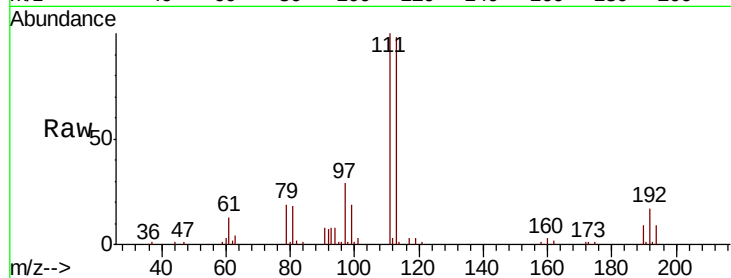
Tot Ion:113 Resp: 77805

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

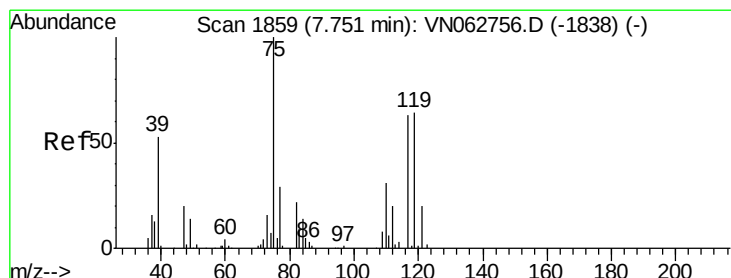
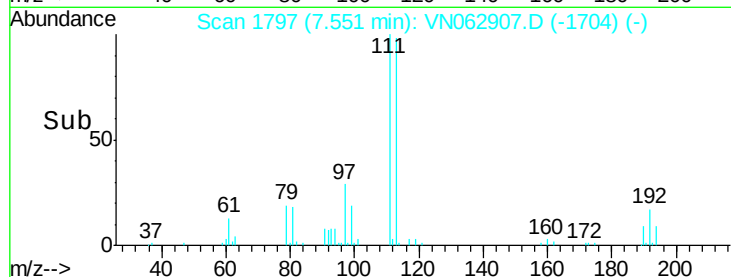
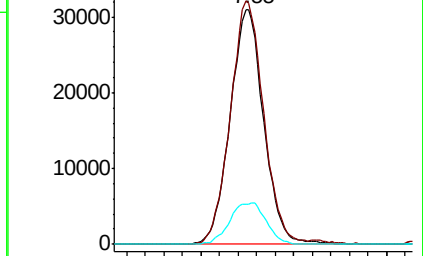
192 19.1 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.699 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

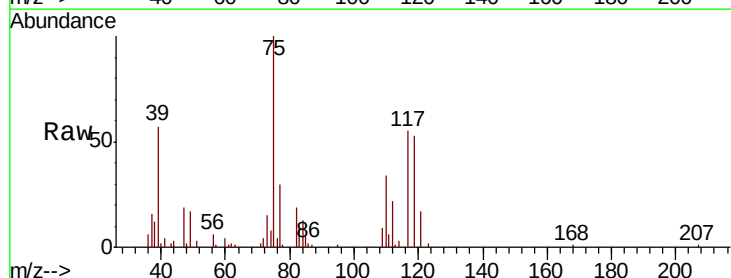
Tgt Ion: 75 Resp: 42740

Ion Ratio Lower Upper

75 100

110 33.0 15.6 46.7

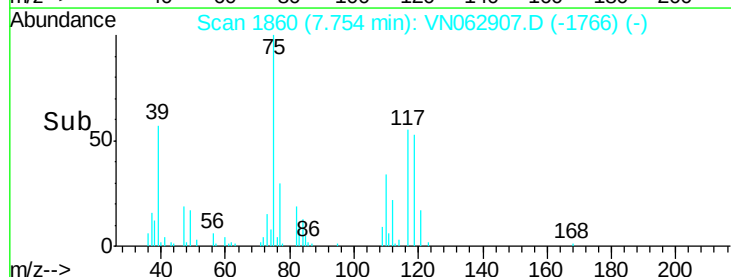
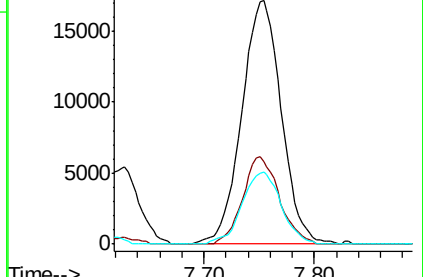
77 29.2 24.1 36.1

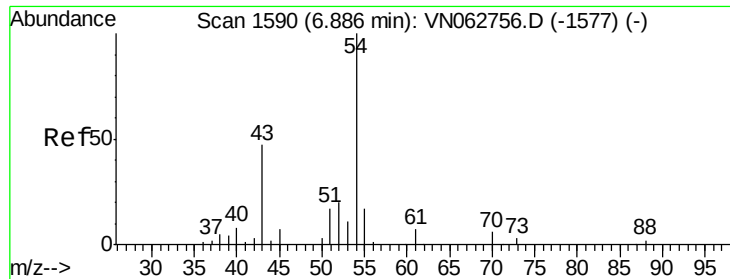


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

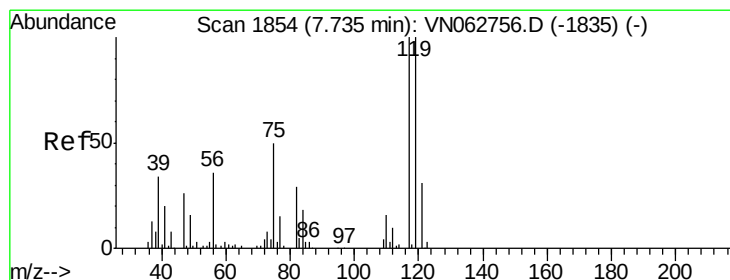
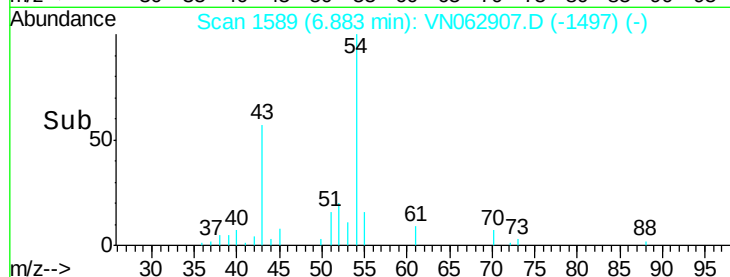
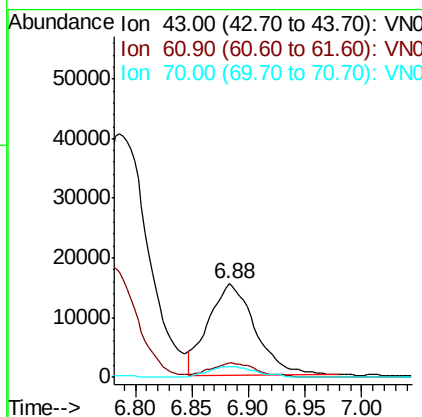
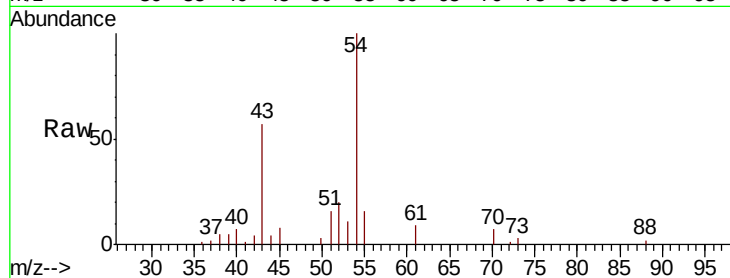




#37
Ethyl Acetate
Concen: 17.731 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

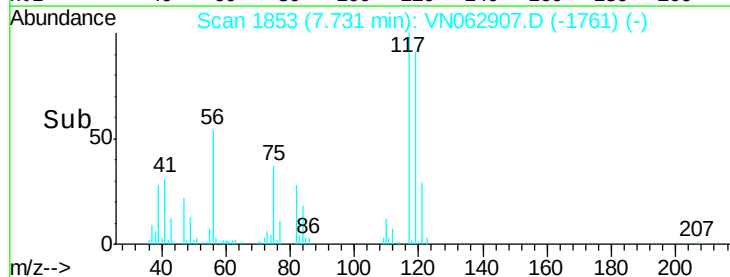
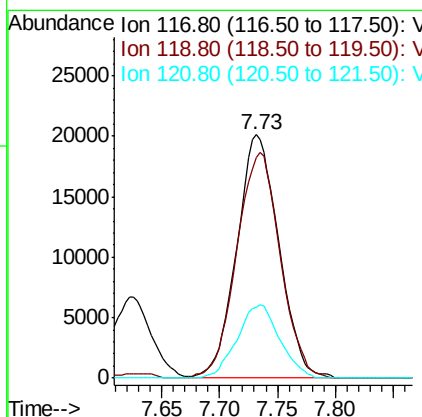
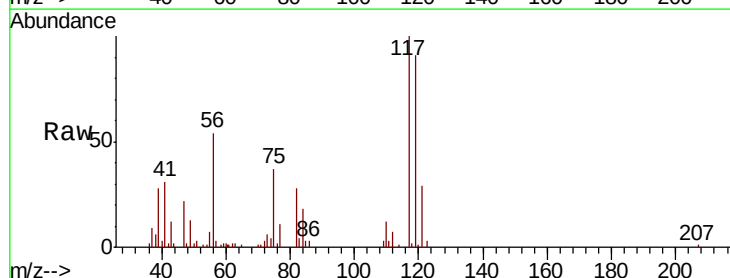
Instrument :
MSVOA_N
ClientSampled :
VN0813WBSD01

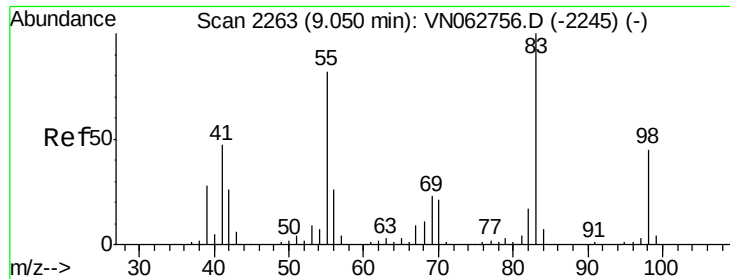
Tot Ion: 43 Resp: 44727
Ion Ratio Lower Upper
43 100
61 15.6 12.1 18.1
70 11.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 17.782 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 117 Resp: 50784
Ion Ratio Lower Upper
117 100
119 90.5 79.4 119.2
121 29.2 24.9 37.3

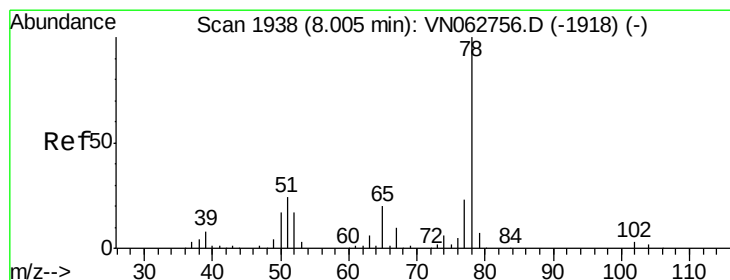
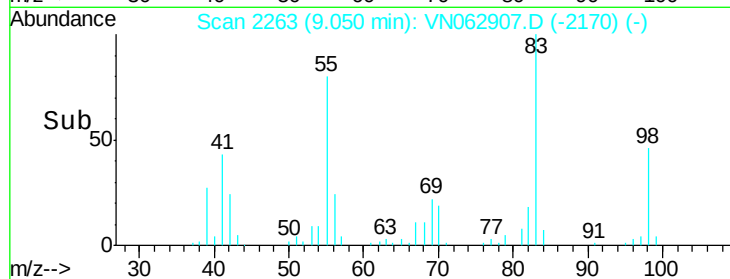
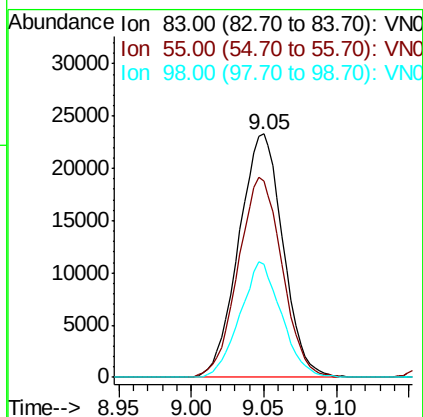
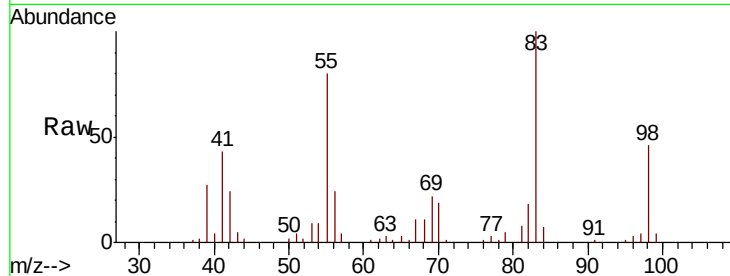




#39
Methylvlcyclohexane
Concen: 16.962 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

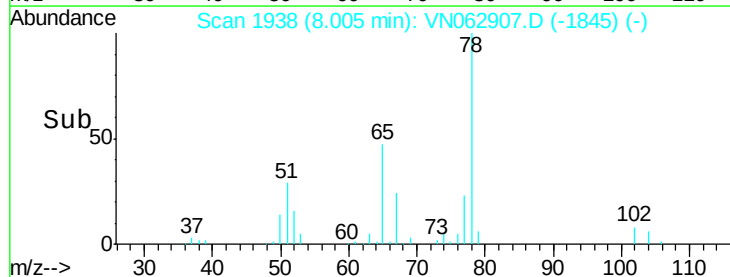
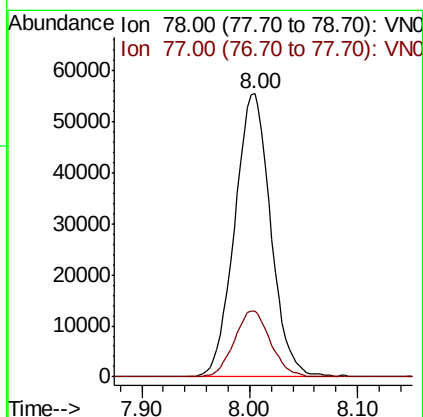
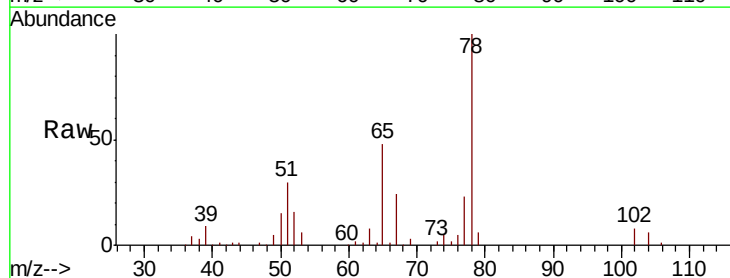
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

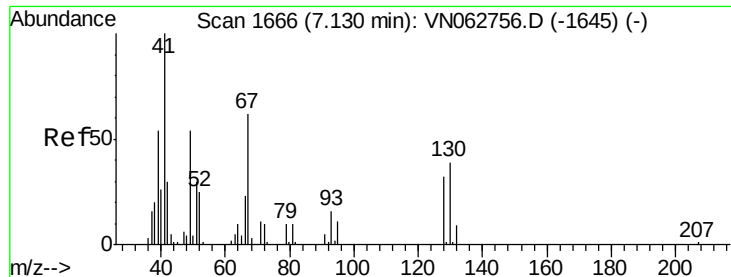
Tot Ion: 83 Resp: 49294
Ion Ratio Lower Upper
83 100
55 80.4 65.7 98.5
98 46.3 35.6 53.4



#40
Benzene
Concen: 17.920 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 78 Resp: 129127
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1

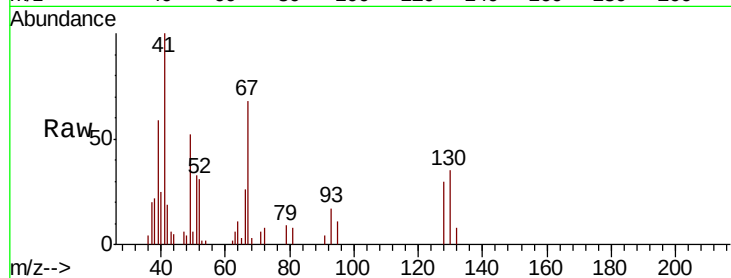




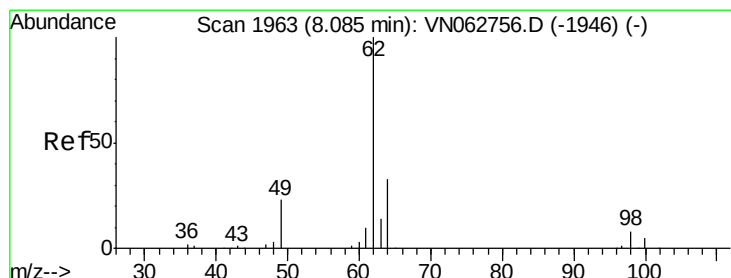
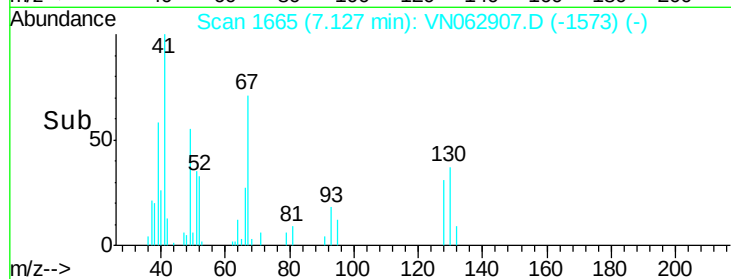
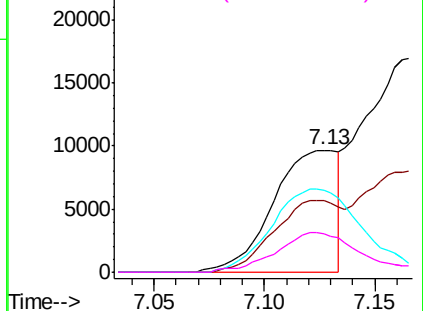
#41
Methacrylonitrile
Concen: 17.191 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tot Ion: 41 Resp: 19568
Ion Ratio Lower Upper
41 100
39 62.5 69.4 104.2#
67 96.5 0.0 0.0#
52 42.9 0.0 0.0#

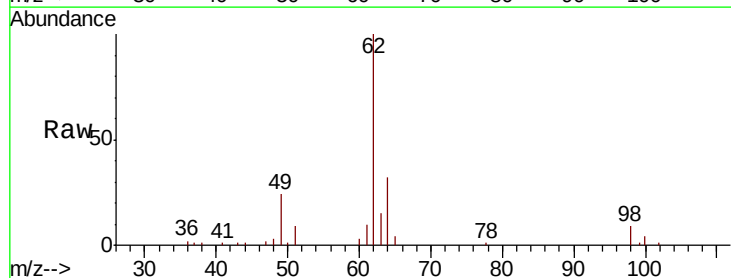


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

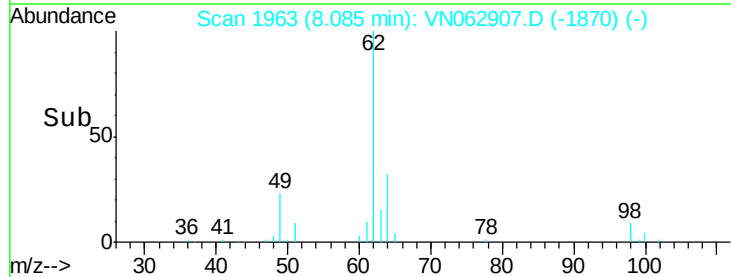
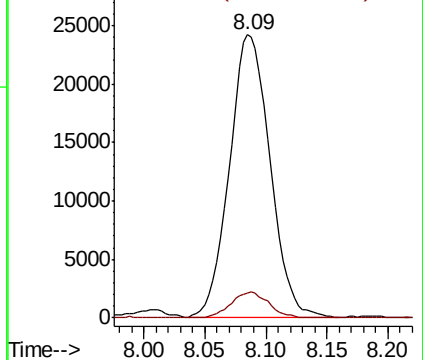


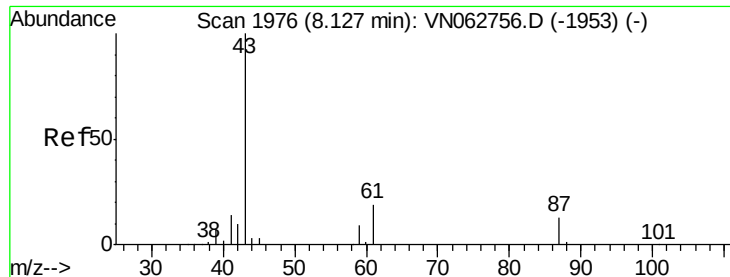
#42
1,2-Dichloroethane
Concen: 18.243 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 62 Resp: 55950
Ion Ratio Lower Upper
62 100
98 8.5 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: 16.768 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

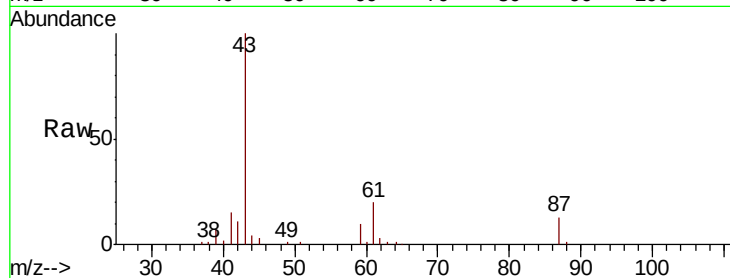
Tot Ion: 43 Resp: 70550

Ion Ratio Lower Upper

43 100

61 20.4 15.8 23.6

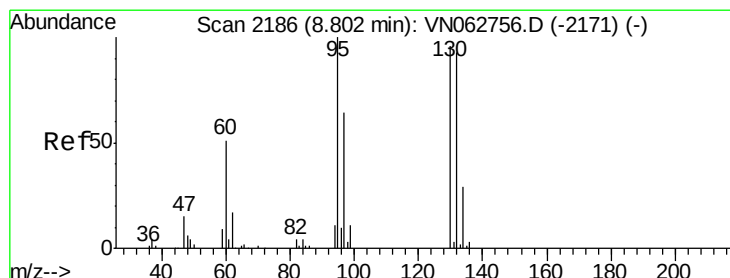
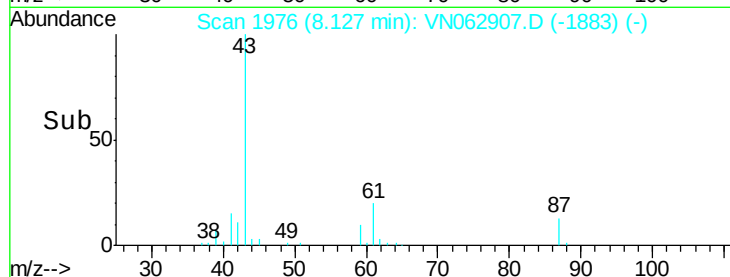
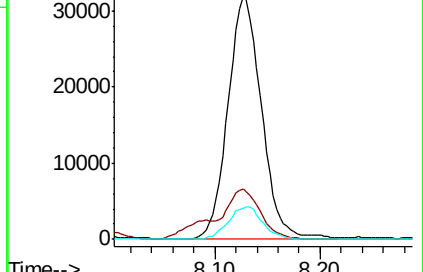
87 13.5 9.9 14.9



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: 18.331 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062907.D

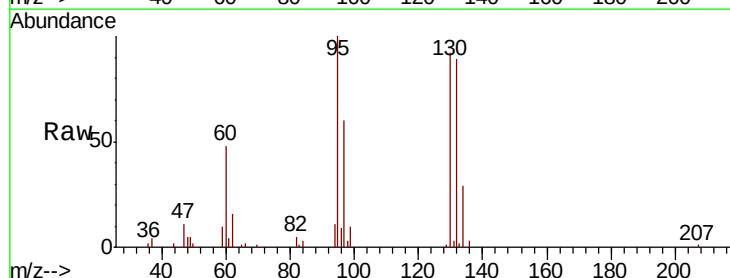
Acq: 13 Aug 2020 13:37

Tgt Ion:130 Resp: 32182

Ion Ratio Lower Upper

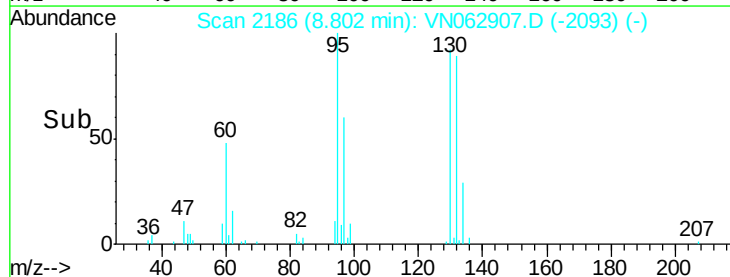
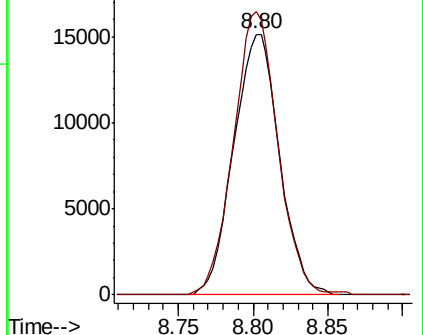
130 100

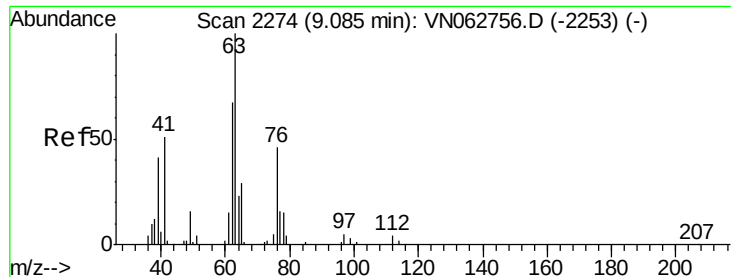
95 108.5 0.0 207.6



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: 17.767 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

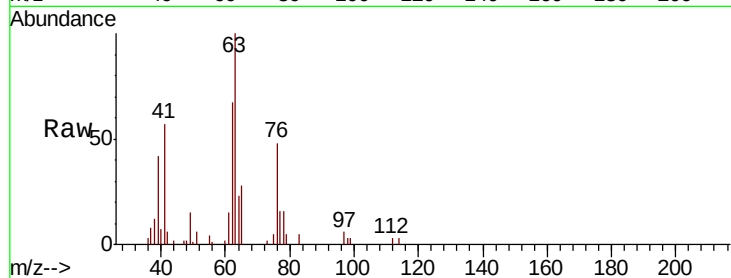
VN0813WBSD01

Tot Ion: 63 Resp: 34651

Ion Ratio Lower Upper

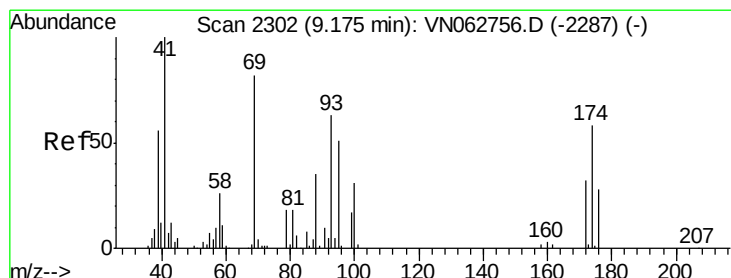
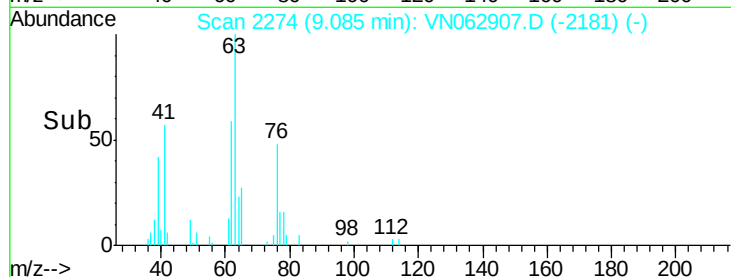
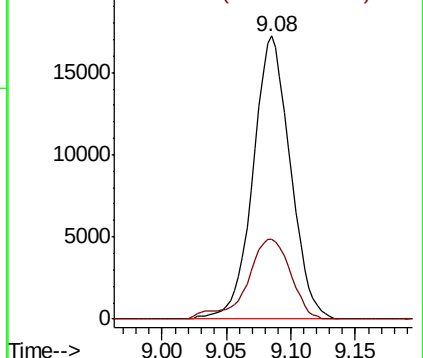
63 100

65 28.2 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: 18.209 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

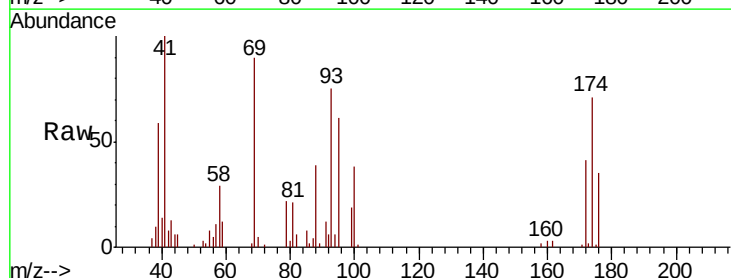
Tgt Ion: 93 Resp: 23268

Ion Ratio Lower Upper

93 100

95 81.3 65.1 97.7

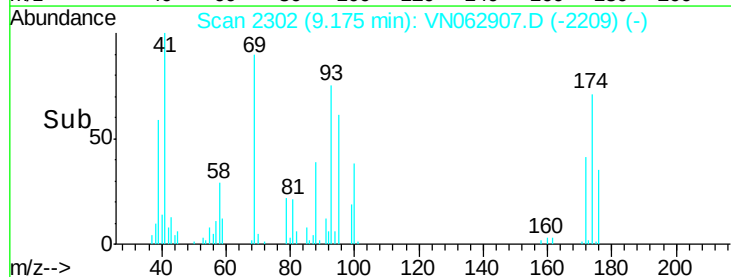
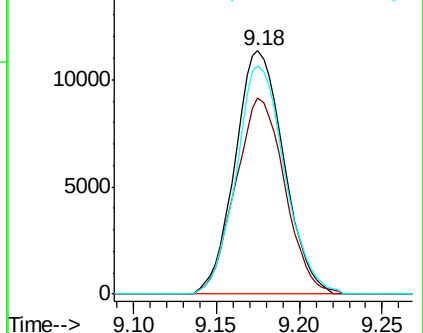
174 93.4 73.9 110.9

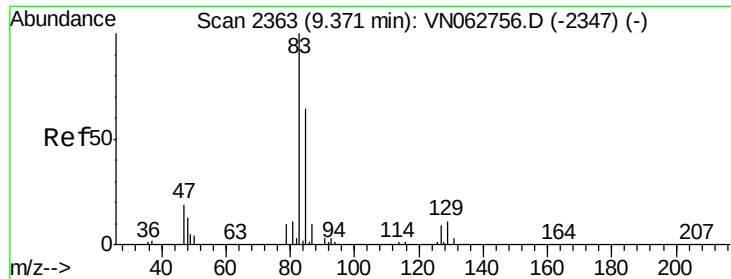


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.228 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

VN0813WBSD01

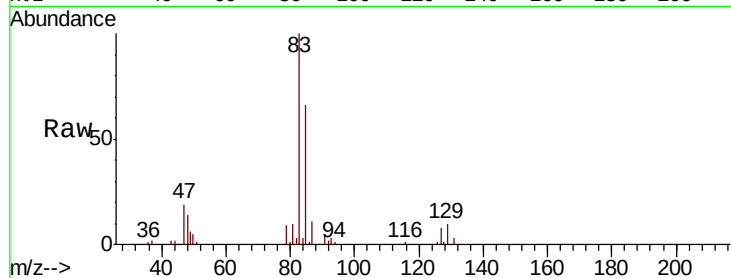
Tot Ion: 83 Resp: 52313

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.0

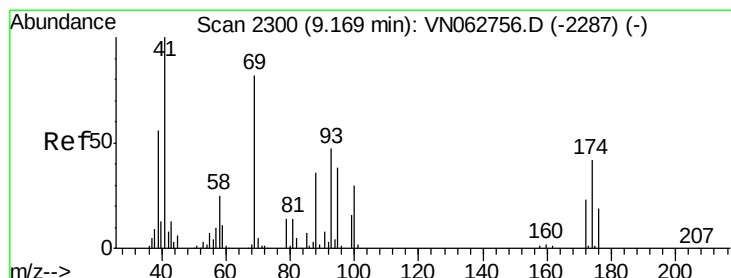
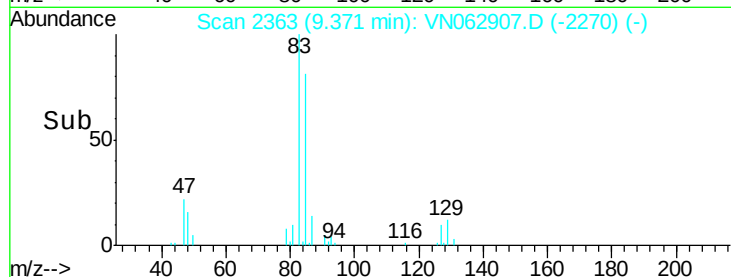
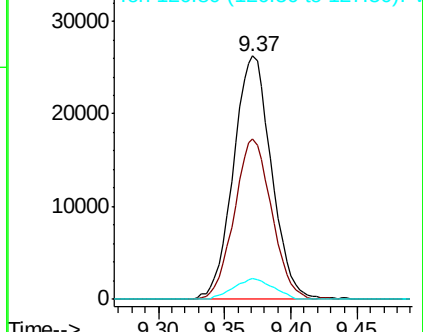
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 16.388 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

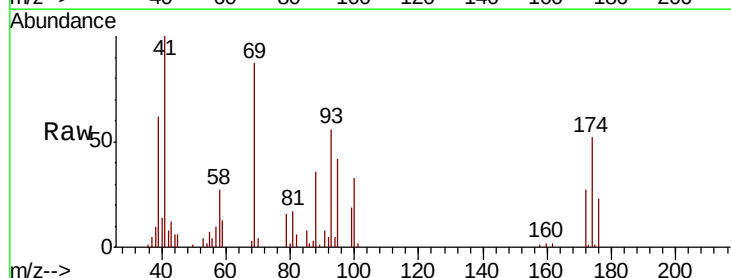
Tgt Ion: 41 Resp: 33915

Ion Ratio Lower Upper

41 100

69 88.1 67.4 101.2

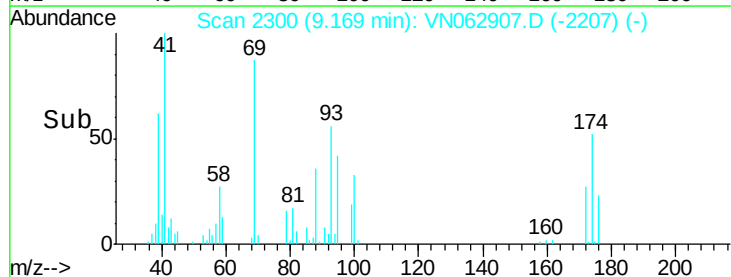
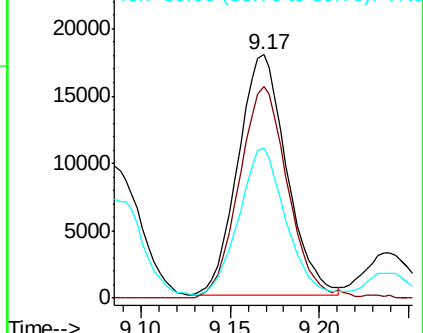
39 61.5 47.6 71.4

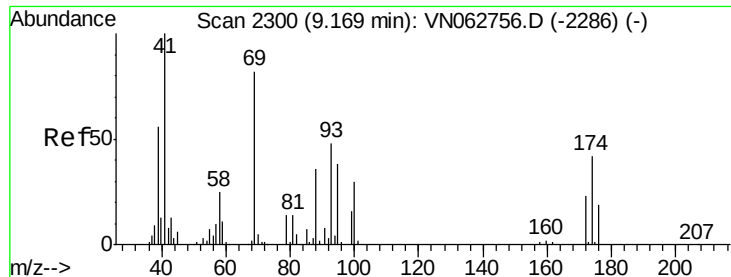


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 349.026 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

VN0813WBSD01

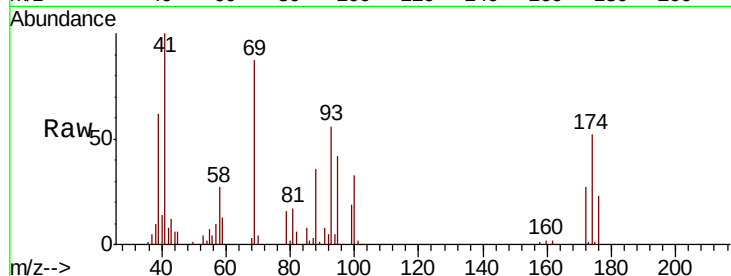
Tot Ion: 88 Resp: 13384

Ion Ratio Lower Upper

88 100

43 35.5 29.5 44.3

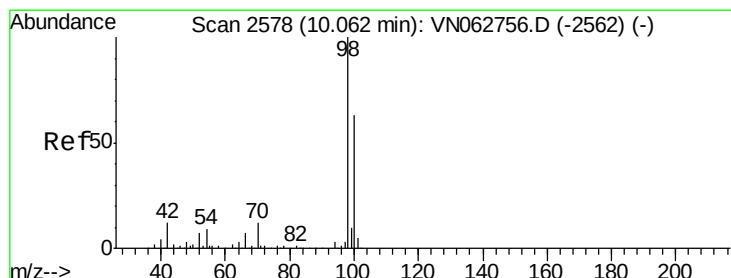
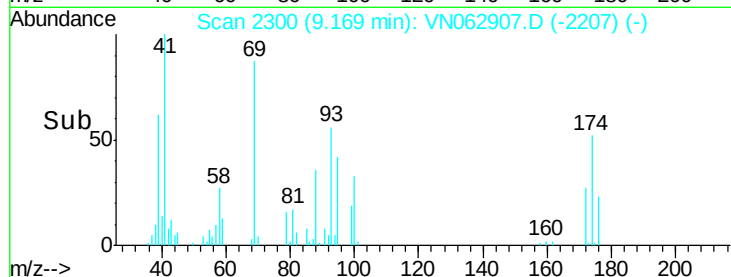
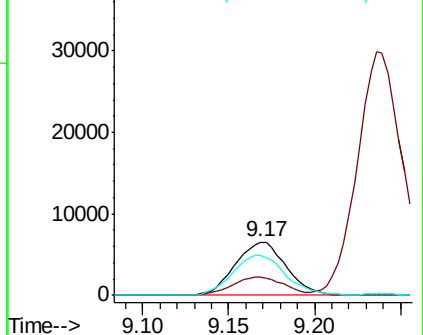
58 78.4 59.8 89.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 45.556 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062907.D

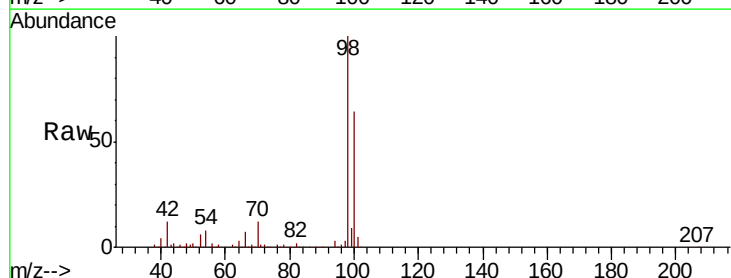
Acq: 13 Aug 2020 13:37

Tgt Ion: 98 Resp: 301721

Ion Ratio Lower Upper

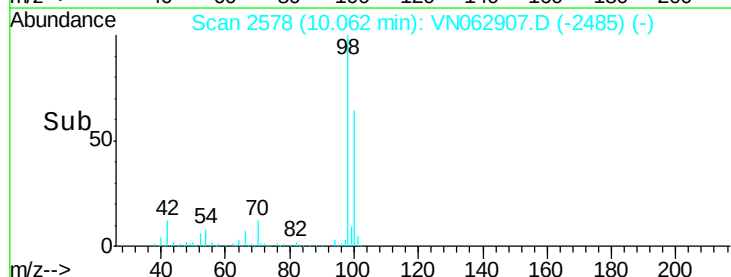
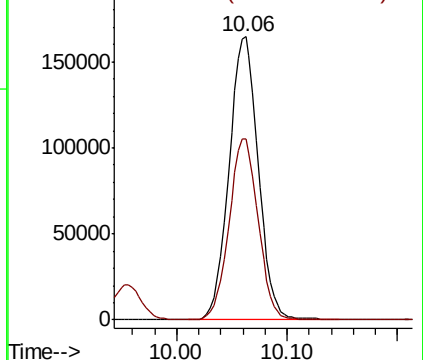
98 100

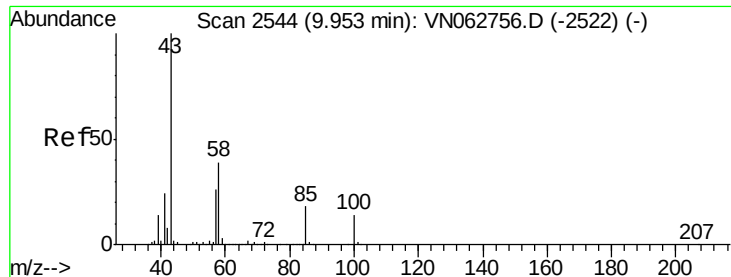
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 93.553 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

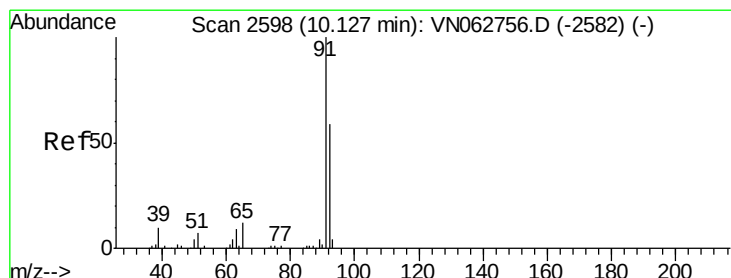
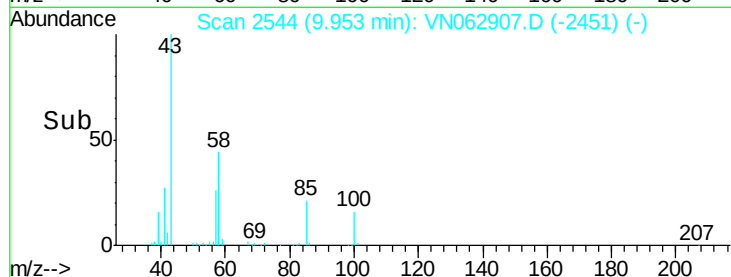
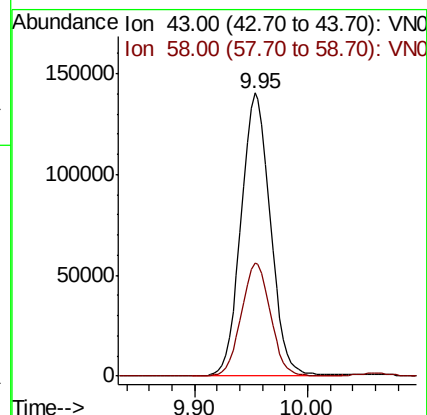
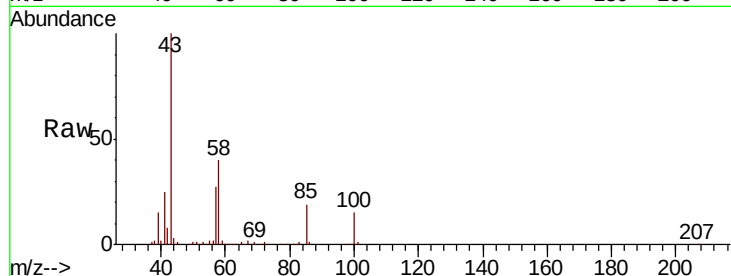
VN0813WBSD01

Tot Ion: 43 Resp: 254678

Ion Ratio Lower Upper

43 100

58 39.6 31.1 46.7



#52

Toluene

Concen: 17.837 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062907.D

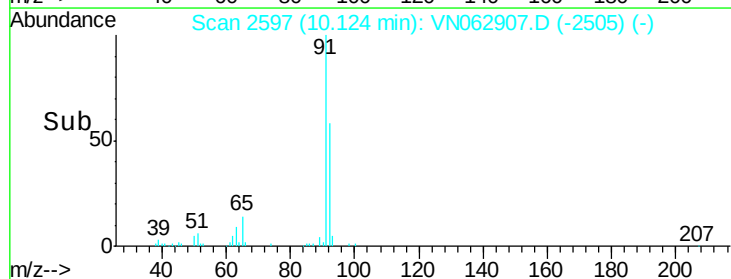
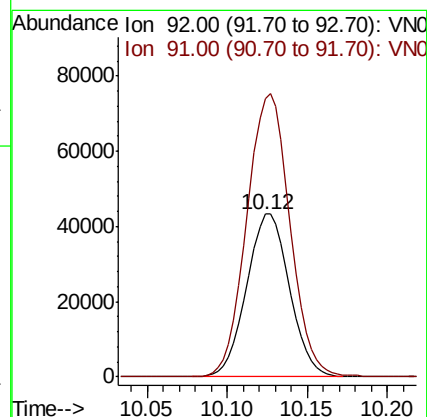
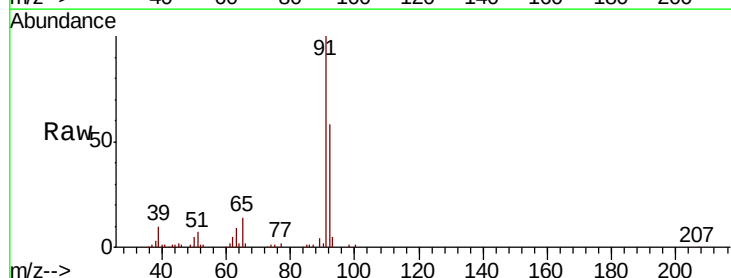
Acq: 13 Aug 2020 13:37

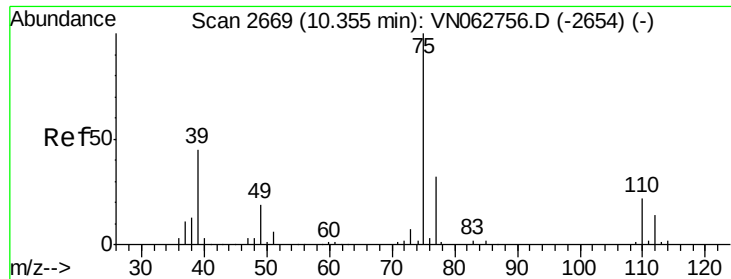
Tgt Ion: 92 Resp: 79356

Ion Ratio Lower Upper

92 100

91 174.9 138.9 208.3

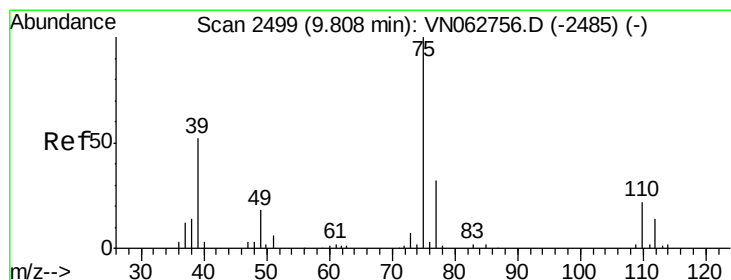
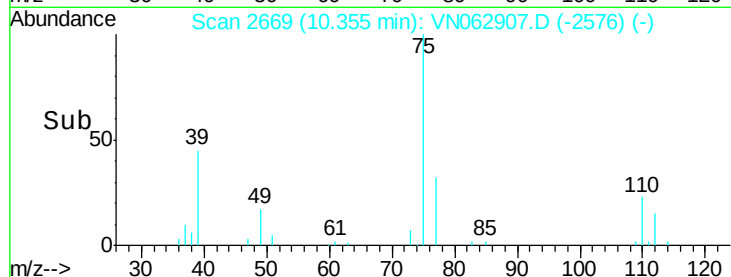
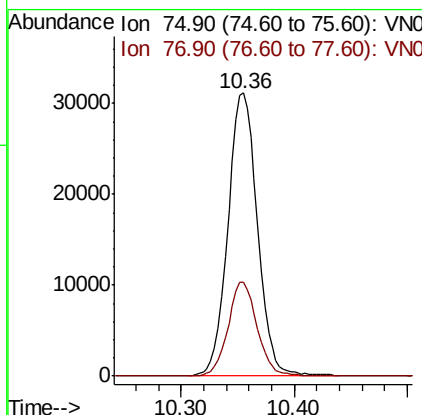
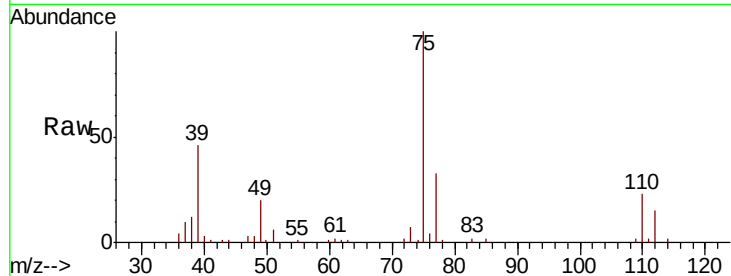




#53
t-1,3-Dichloropropene
Concen: 17.960 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

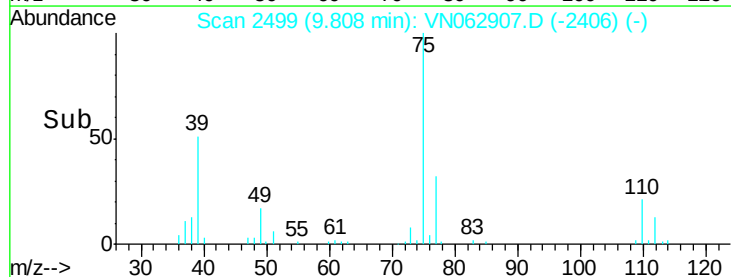
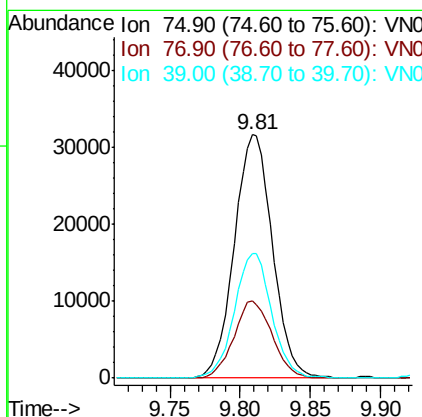
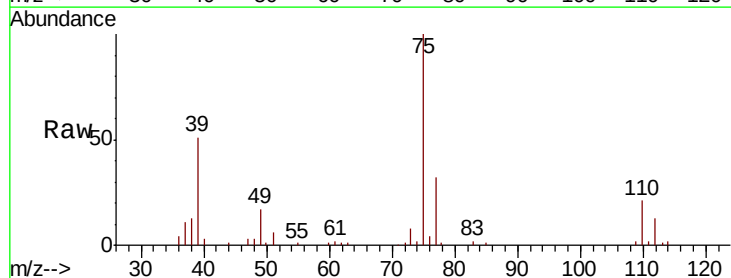
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

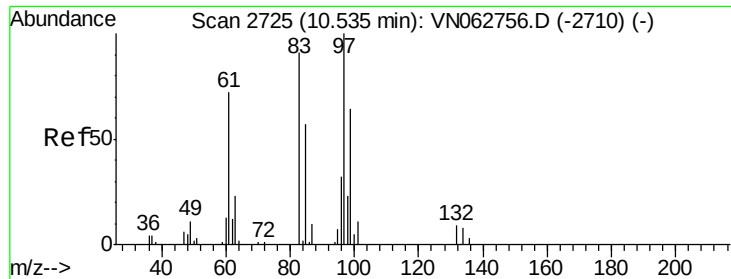
Tot Ion: 75 Resp: 56699
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.950 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 75 Resp: 60062
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 51.3 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 19.014 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

Tot Ion: 97 Resp: 36129

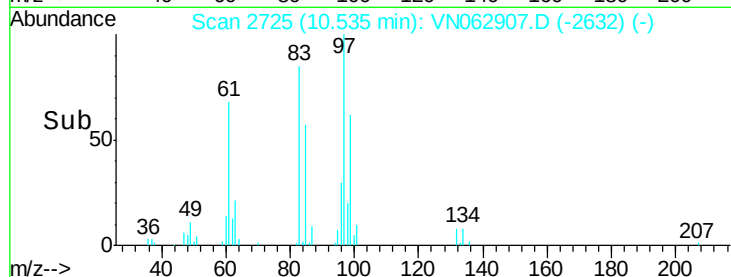
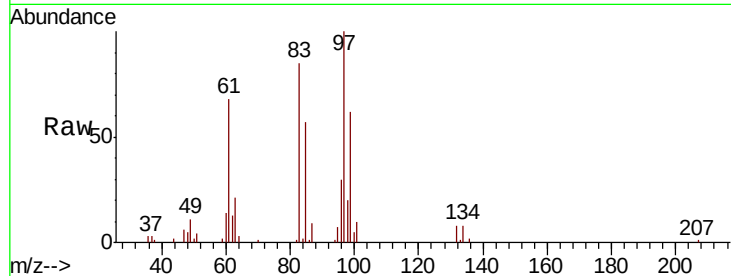
Ion	Ratio	Lower	Upper
97	100		
83	85.4	72.6	108.8
85	56.6	46.0	69.0
99	61.5	51.1	76.7

97 100

83 85.4 72.6 108.8

85 56.6 46.0 69.0

99 61.5 51.1 76.7



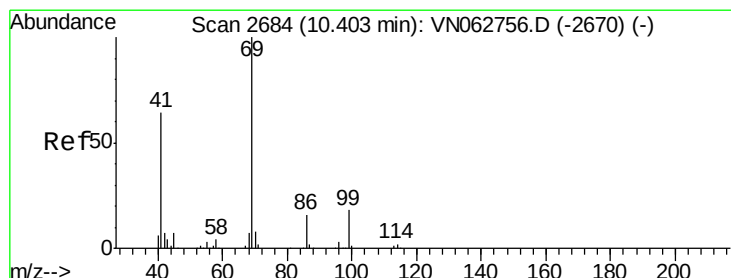
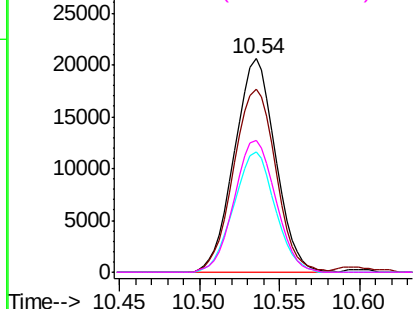
Abundance

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: 17.245 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

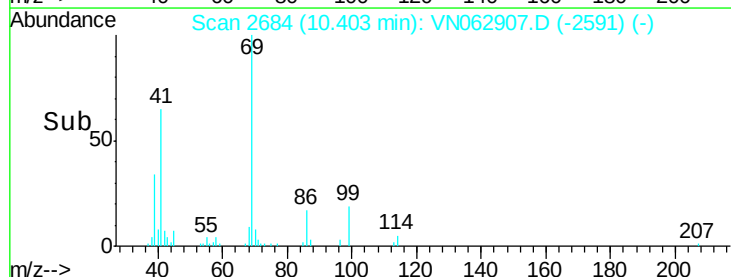
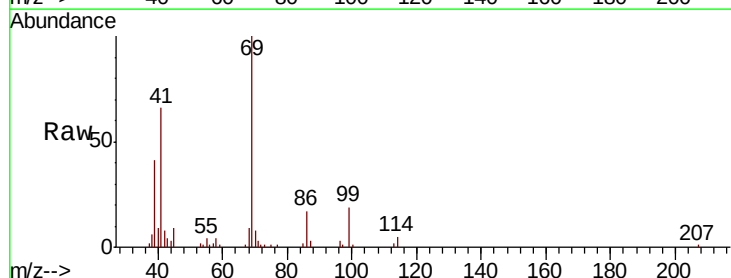
Tgt Ion: 69 Resp: 49322

Ion	Ratio	Lower	Upper
69	100		
41	66.4	52.2	78.2
39	37.3	30.9	46.3

69 100

41 66.4 52.2 78.2

39 37.3 30.9 46.3

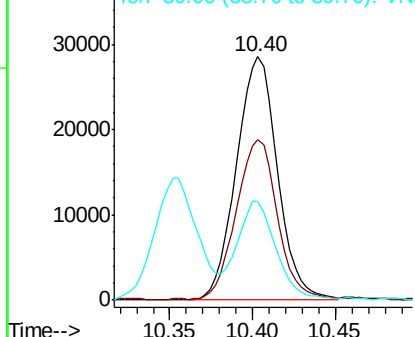


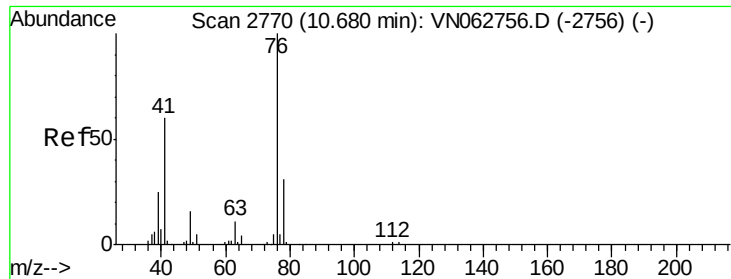
Abundance

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

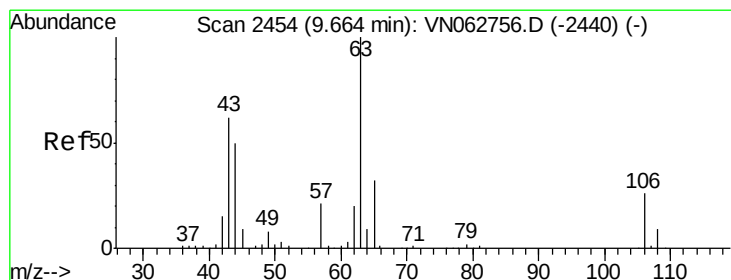
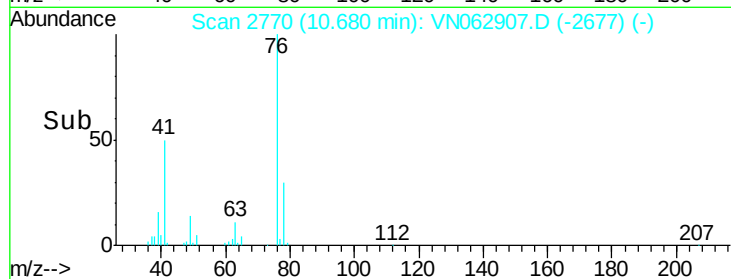
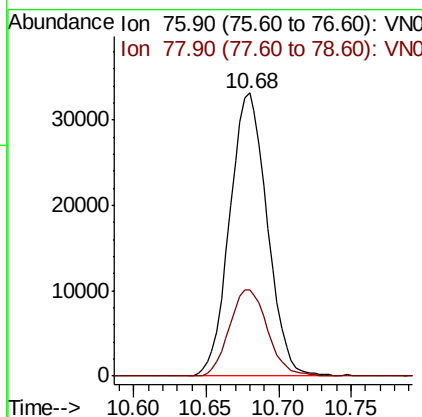
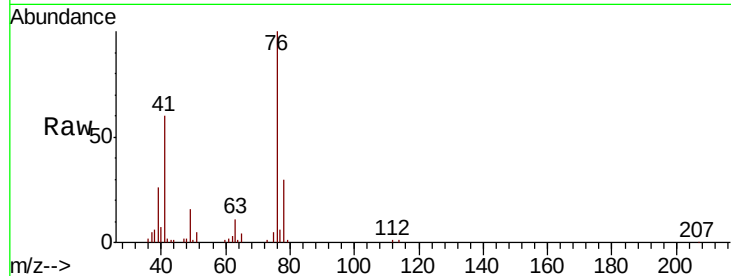




#57
 1,3-Dichloropropane
 Concen: 18.415 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

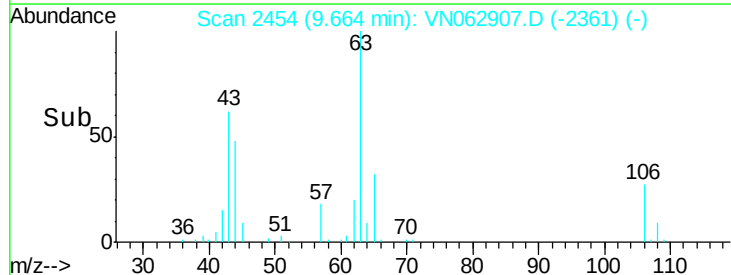
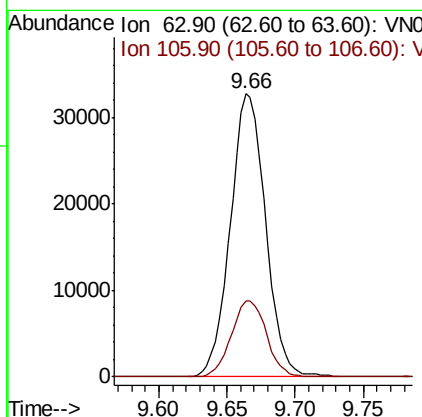
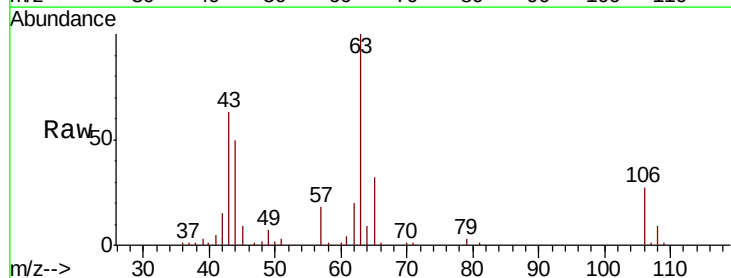
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

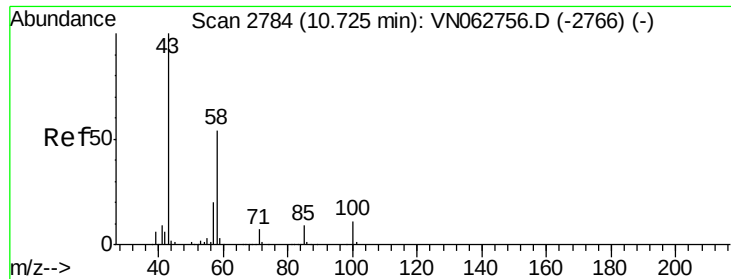
Tot Ion: 76 Resp: 59455
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 72.623 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Tgt Ion: 63 Resp: 58712
 Ion Ratio Lower Upper
 63 100
 106 26.7 20.9 31.3

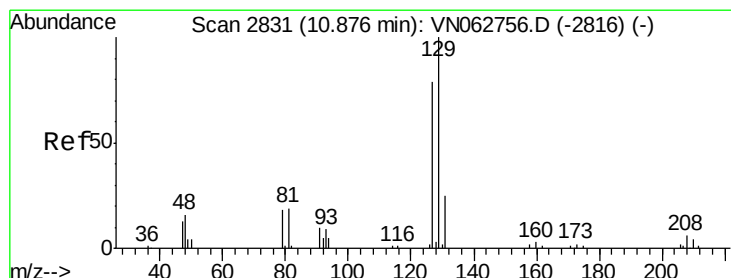
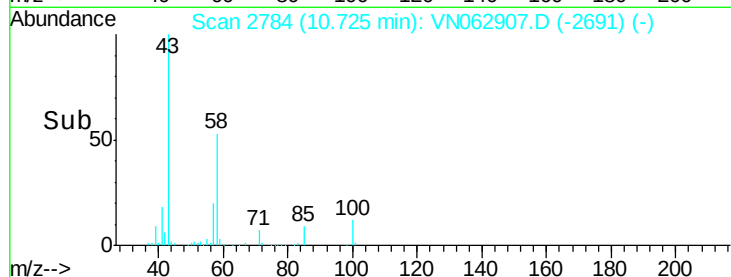
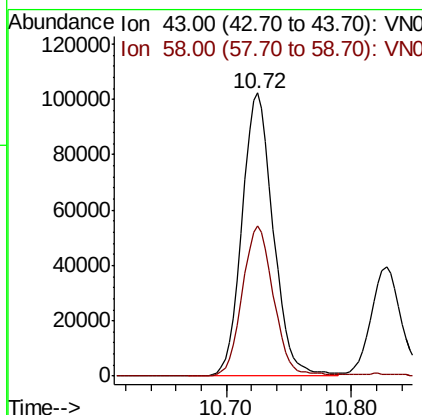
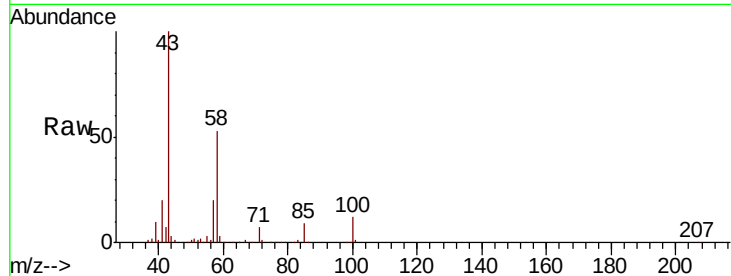




#59
2-Hexanone
Concen: 87.337 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

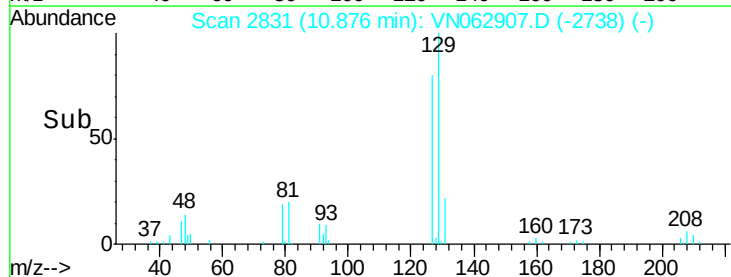
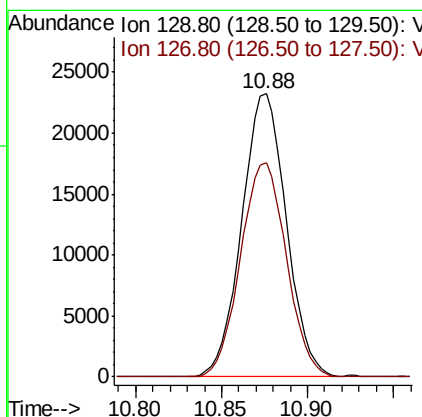
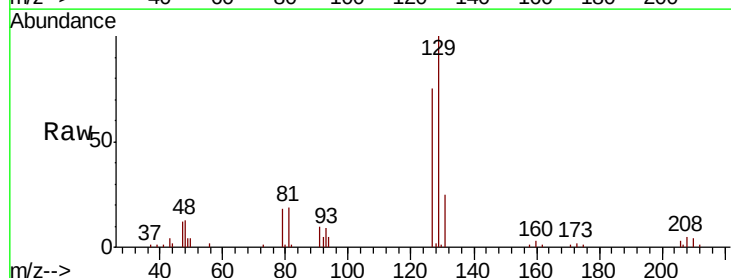
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

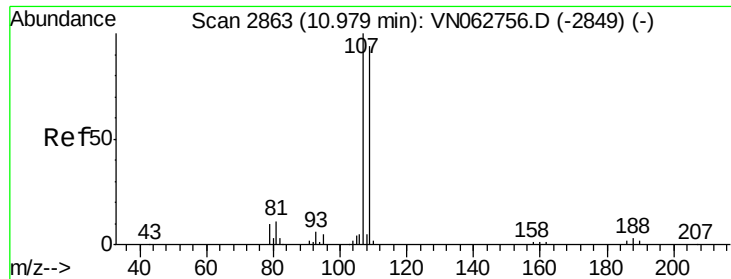
Tot Ion: 43 Resp: 177353
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1



#60
Dibromochloromethane
Concen: 19.259 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 129 Resp: 41761
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

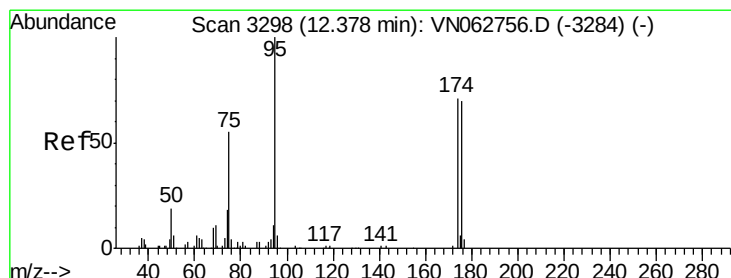
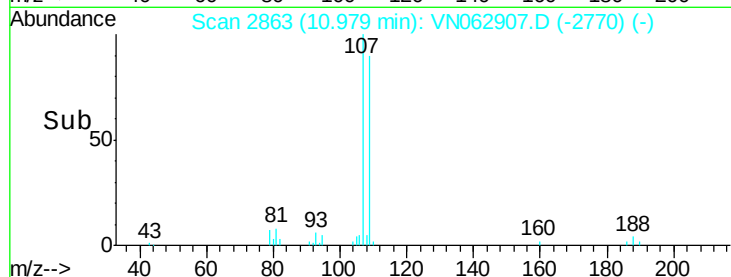
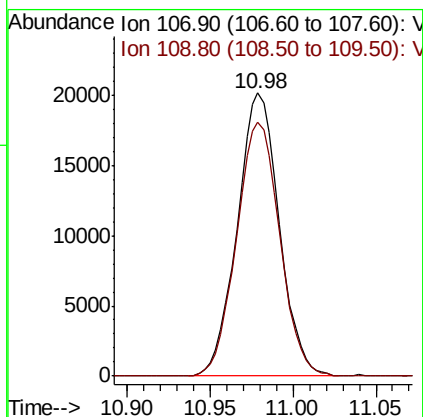
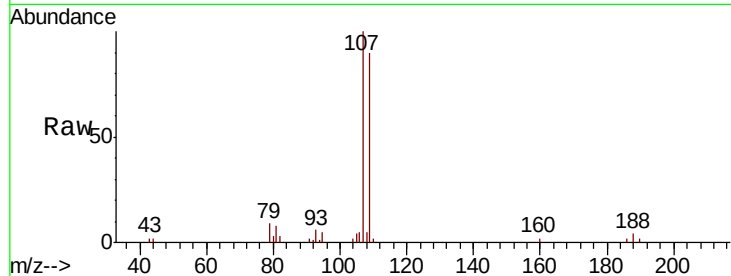




#61
 1,2-Dibromoethane
 Concen: 18.876 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

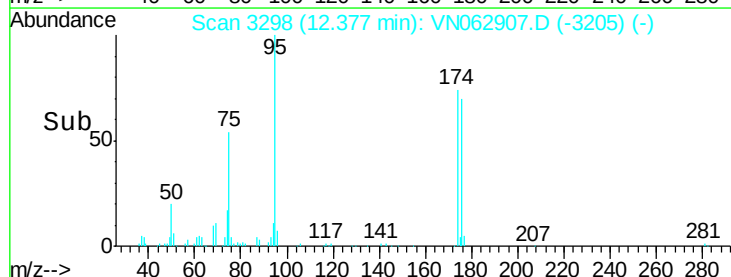
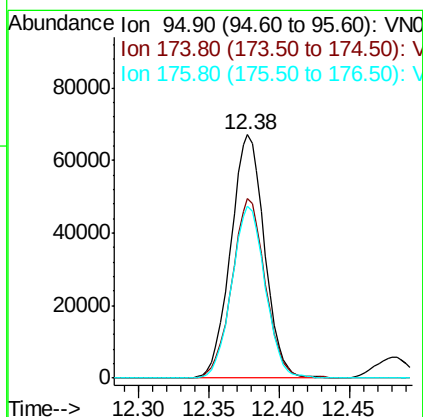
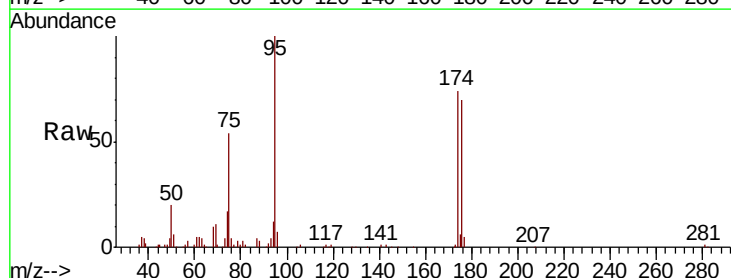
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

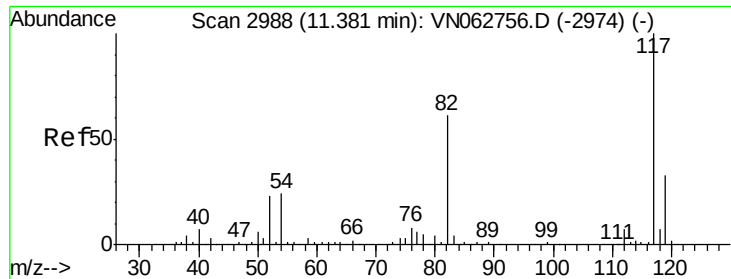
Tot Ion:107 Resp: 35392
 Ion Ratio Lower Upper
 107 100
 109 92.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 44.842 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Tgt Ion: 95 Resp: 112234
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 144.8
 176 69.9 0.0 142.2

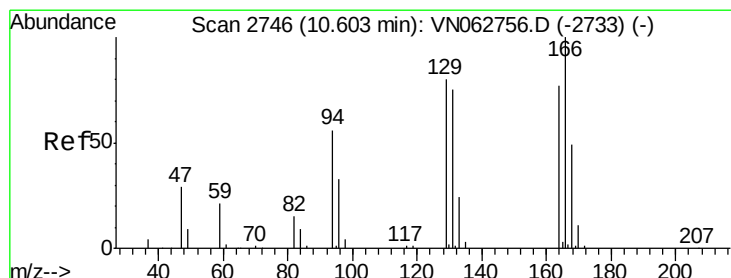
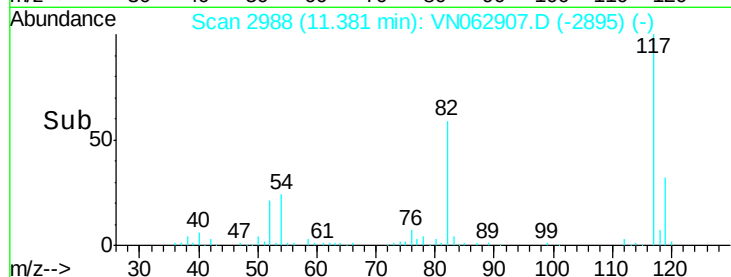
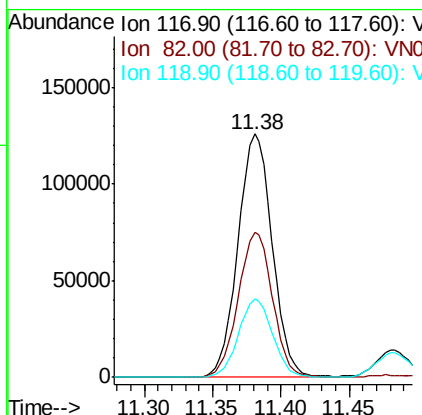
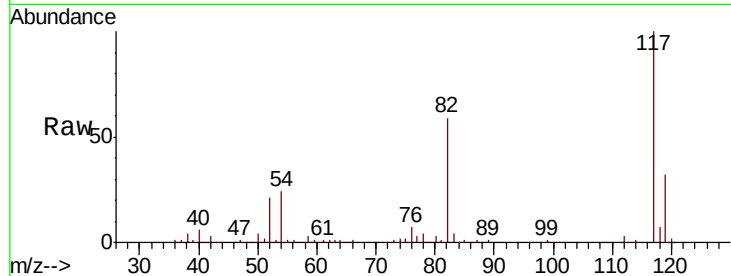




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

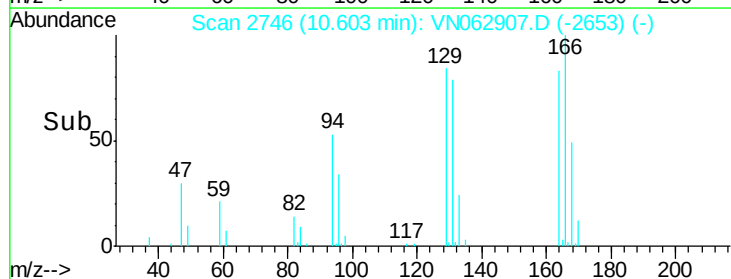
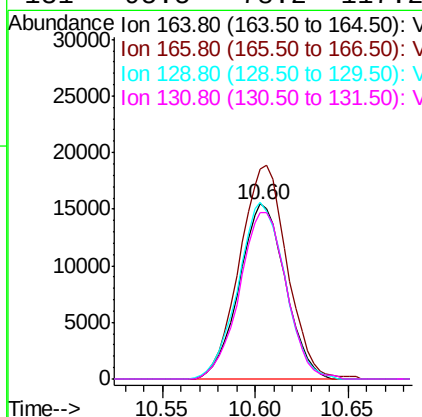
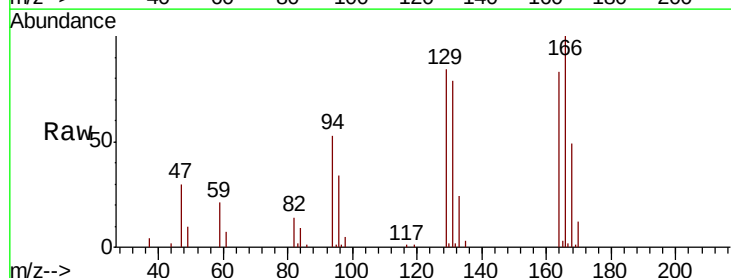
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

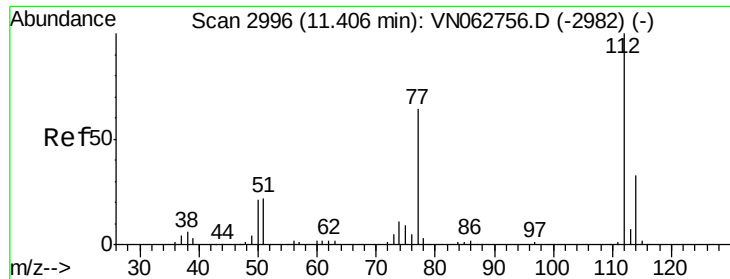
Tot Ion:117 Resp: 220193
Ion Ratio Lower Upper
117 100
82 59.3 49.0 73.4
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 18.900 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion:164 Resp: 26851
Ion Ratio Lower Upper
164 100
166 120.3 103.8 155.8
129 101.2 82.7 124.1
131 95.5 78.2 117.2

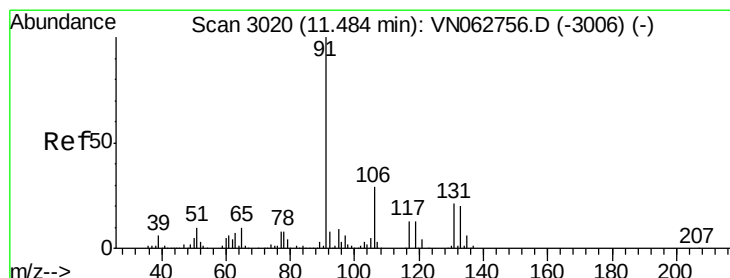
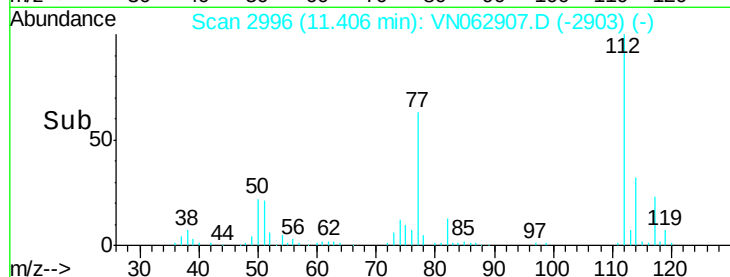
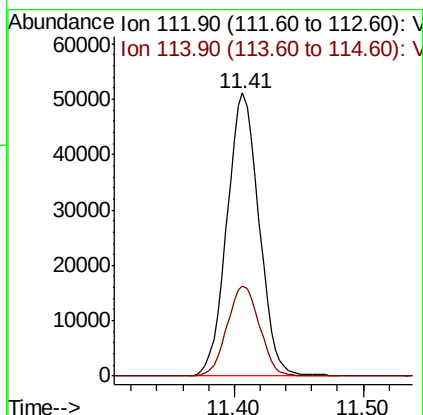
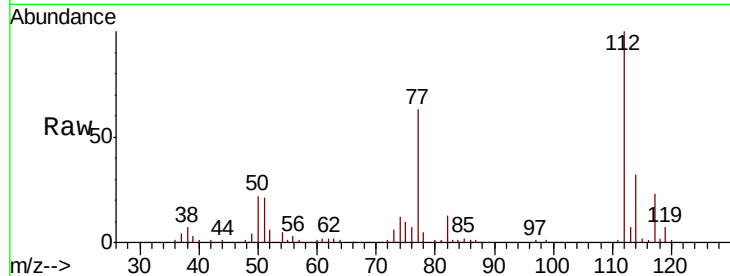




#65
Chlorobenzene
Concen: 19.150 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

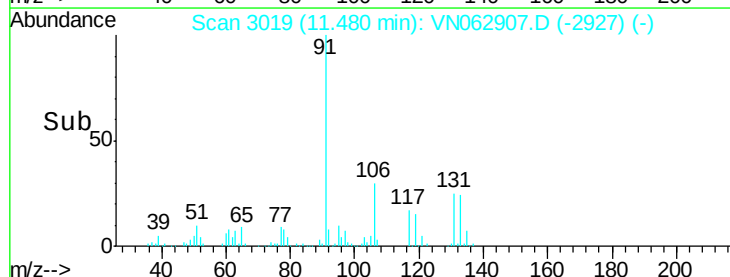
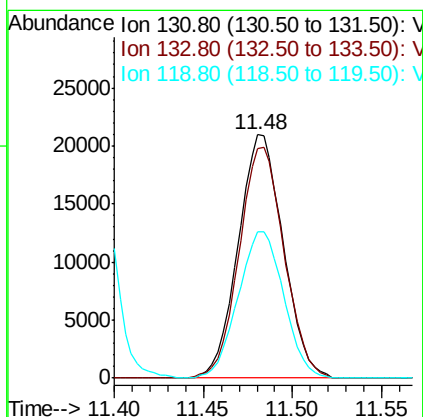
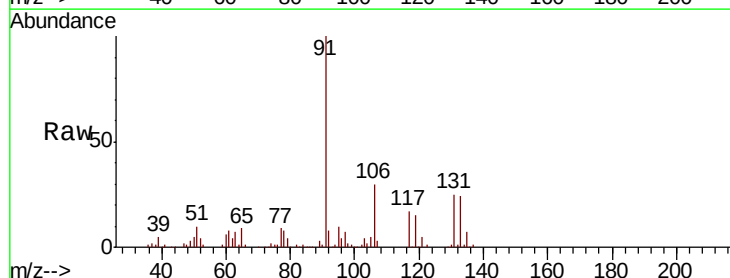
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

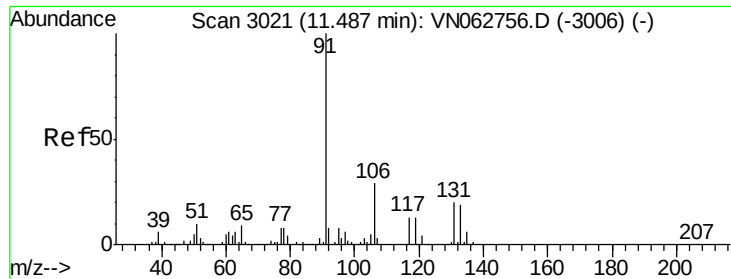
Tot Ion:112 Resp: 88146
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.971 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion:131 Resp: 36914
Ion Ratio Lower Upper
131 100
133 94.8 48.6 145.8
119 61.3 32.2 96.6

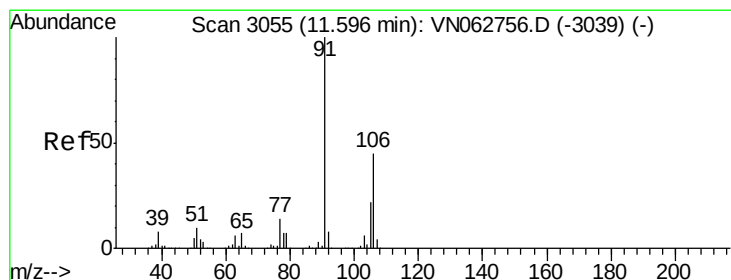
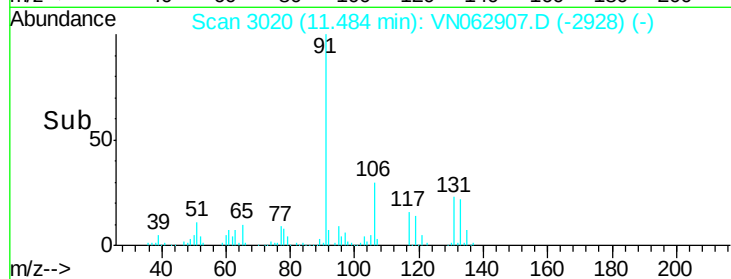
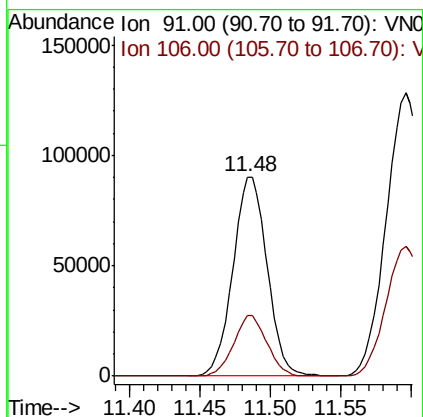
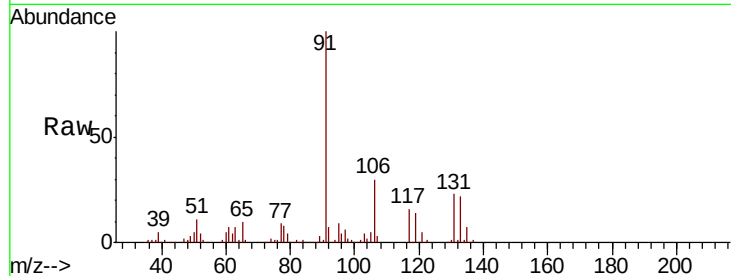




#67
Ethyl Benzene
Concen: 18.689 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

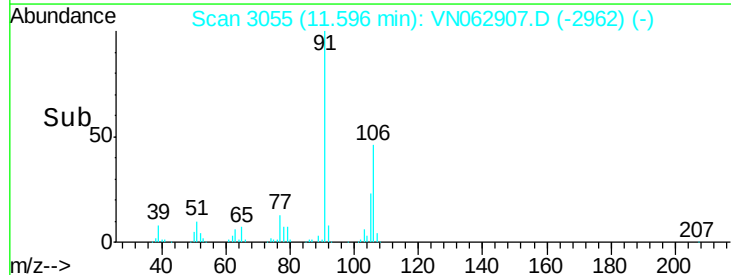
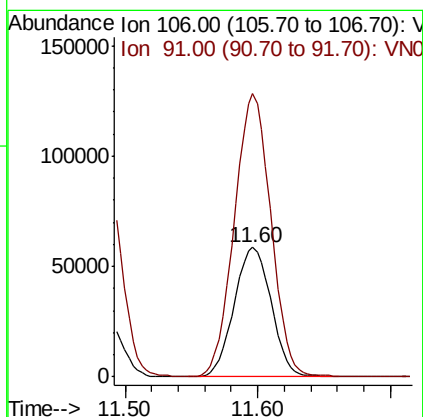
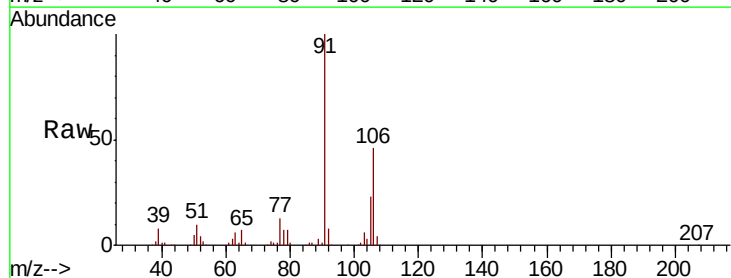
Instrument :
MSVOA_N
ClientSampled :
VN0813WBSD01

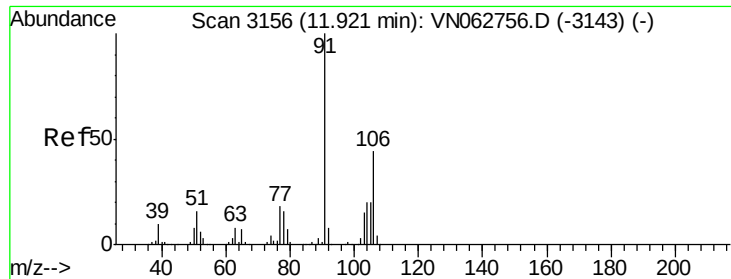
Tot Ion: 91 Resp: 153934
Ion Ratio Lower Upper
91 100
106 30.3 23.2 34.8



#68
m/p-Xylenes
Concen: 38.398 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 106 Resp: 114809
Ion Ratio Lower Upper
106 100
91 213.4 175.9 263.9

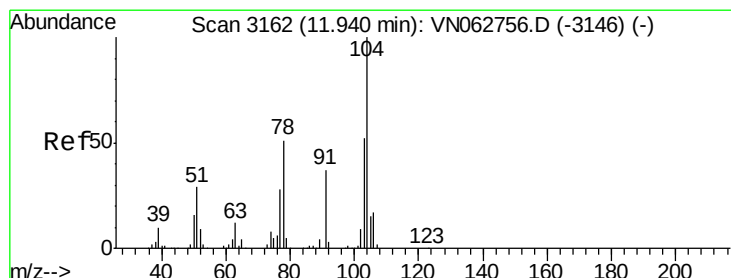
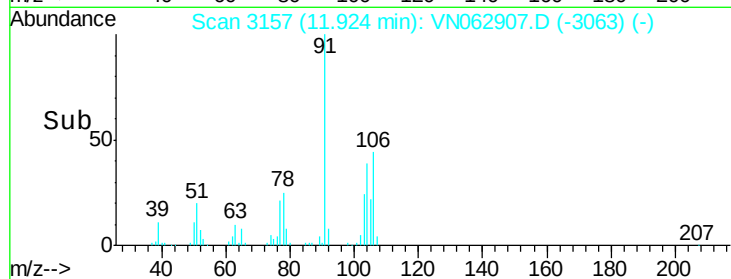
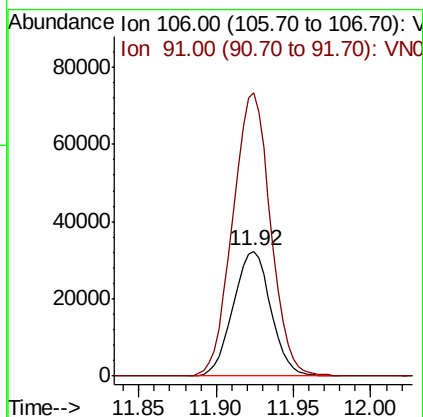
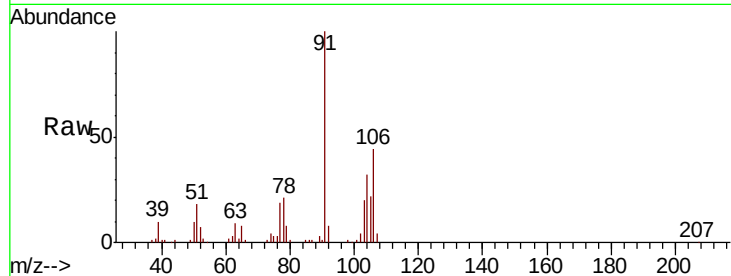




#69
o-Xylene
Concen: 19.600 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

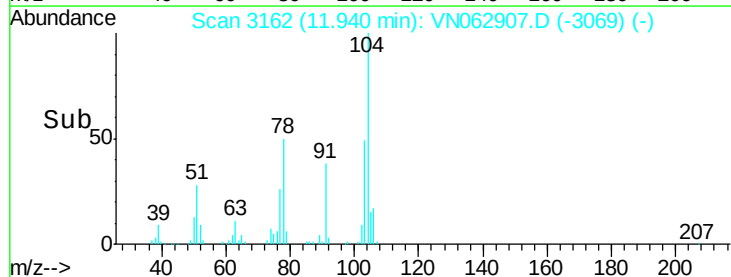
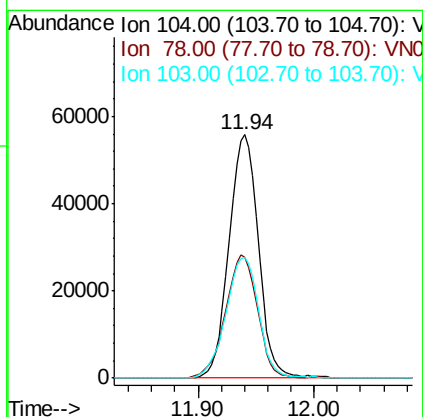
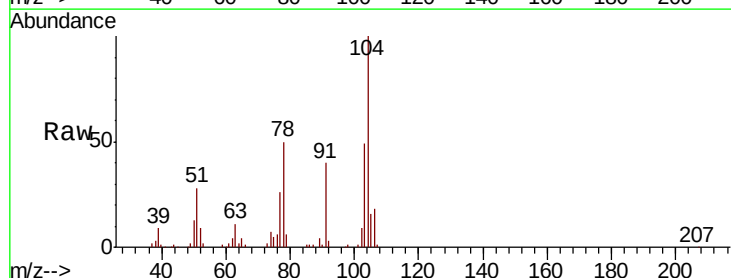
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

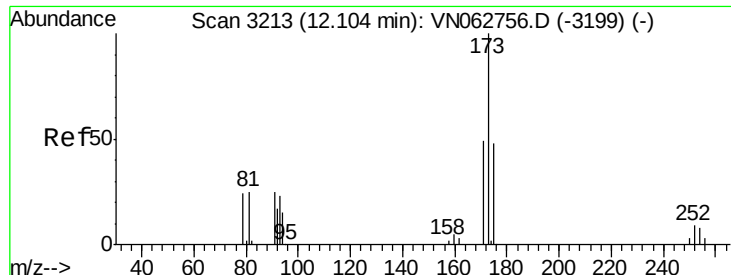
Tot Ion:106 Resp: 54918
Ion Ratio Lower Upper
106 100
91 227.6 115.8 347.4



#70
Styrene
Concen: 19.838 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion:104 Resp: 97705
Ion Ratio Lower Upper
104 100
78 54.7 45.9 68.9
103 55.3 45.1 67.7





#71

Bromoform

Concen: 19.430 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

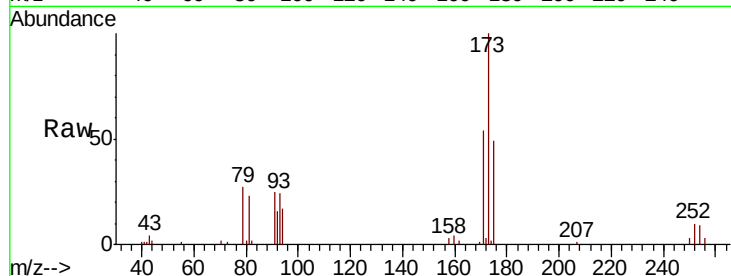
Tot Ion:173 Resp: 29385

Ion Ratio Lower Upper

173 100

175 48.9 24.0 72.0

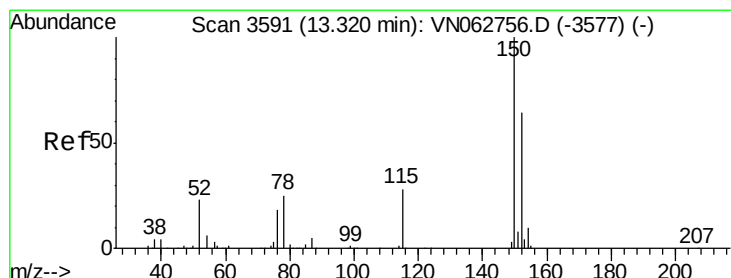
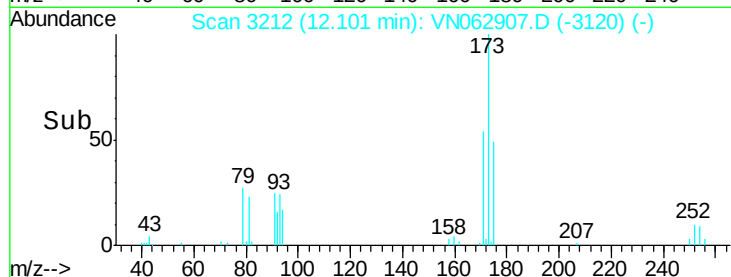
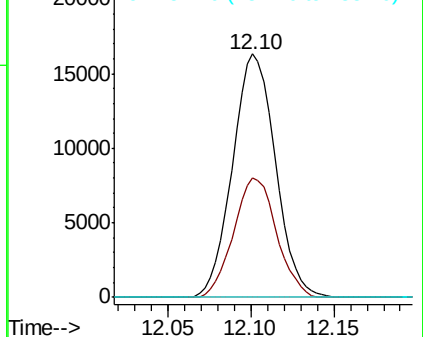
254 0.0 0.0 0.0



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: VN062907.D

Acq: 13 Aug 2020 13:37

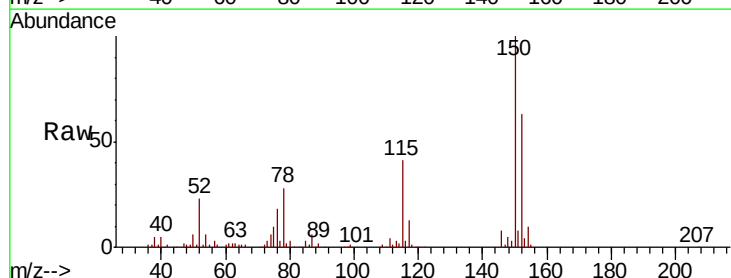
Tgt Ion:152 Resp: 101821

Ion Ratio Lower Upper

152 100

115 64.9 31.6 94.8

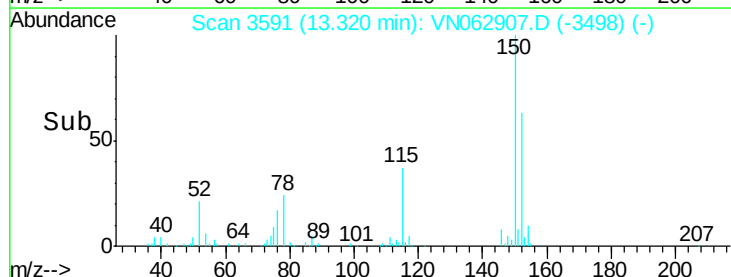
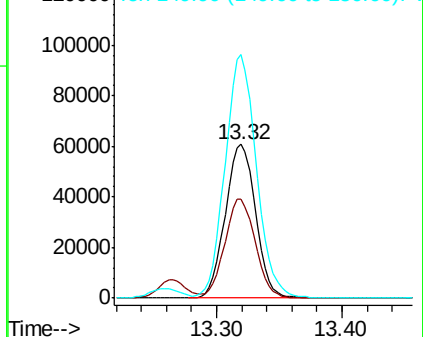
150 164.1 0.0 349.2

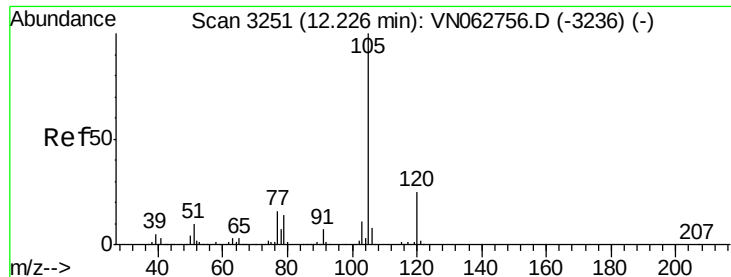


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.813 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

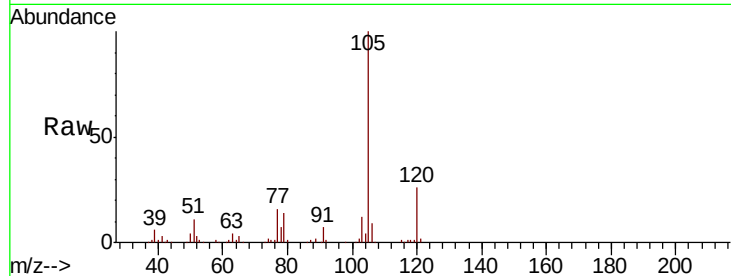
VN0813WBSD01

Tot Ion:105 Resp: 159574

Ion Ratio Lower Upper

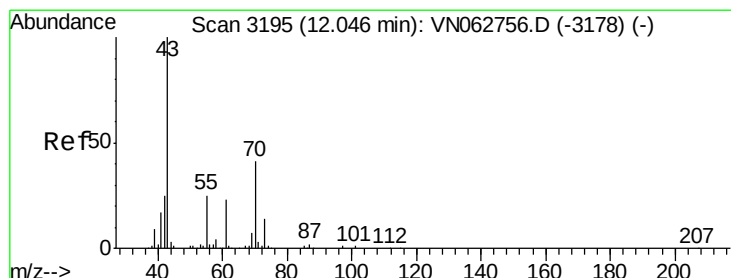
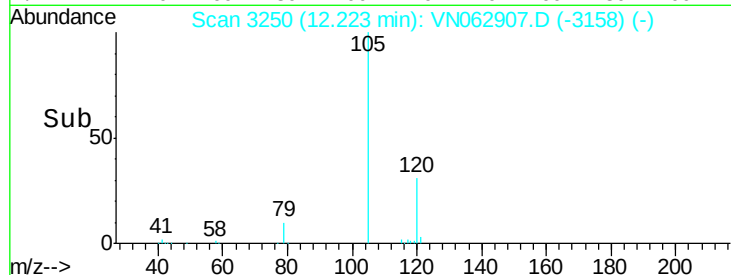
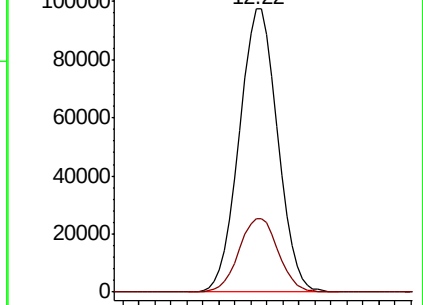
105 100

120 26.6 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: 19.362 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Tgt Ion: 43 Resp: 60160

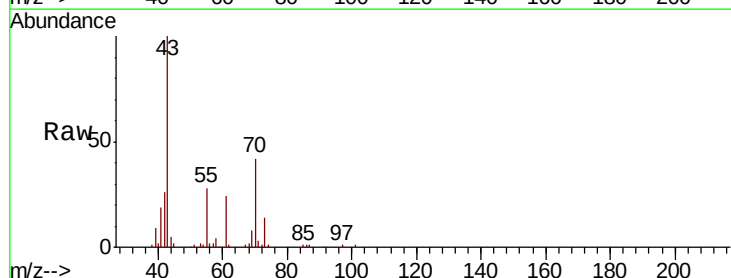
Ion Ratio Lower Upper

43 100

70 42.8 32.3 48.5

55 27.7 20.2 30.2

61 25.0 18.2 27.4

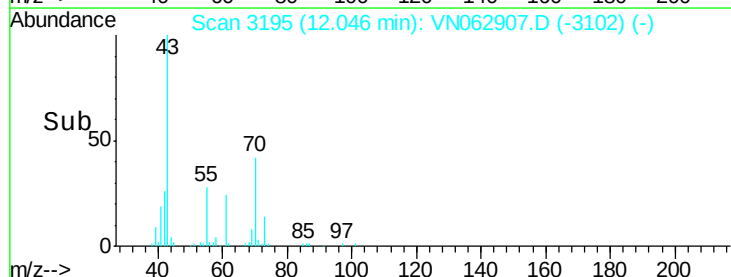
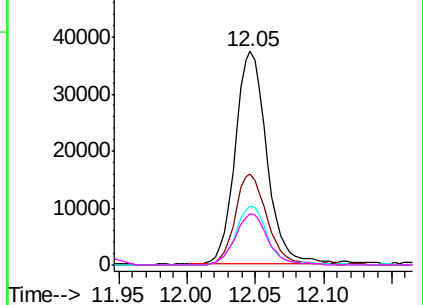


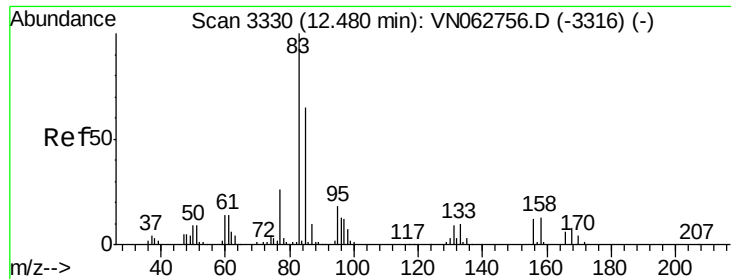
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.562 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

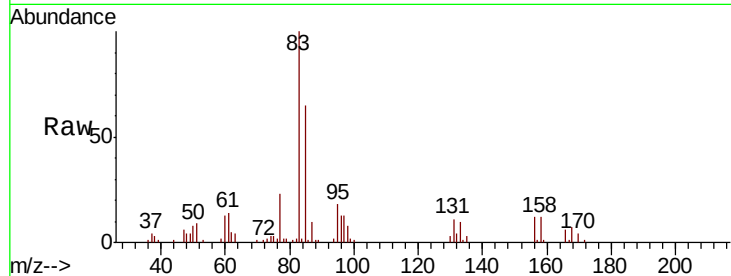
Tot Ion: 83 Resp: 52797

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

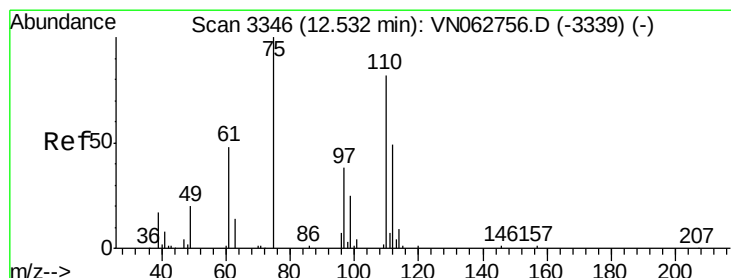
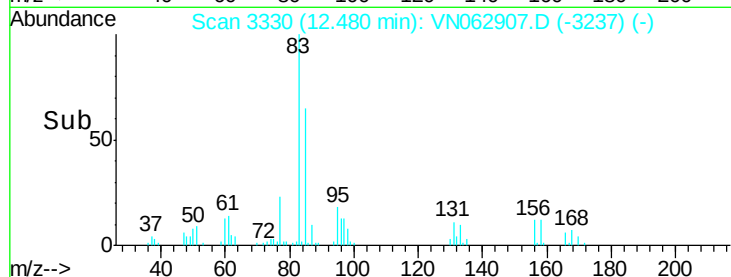
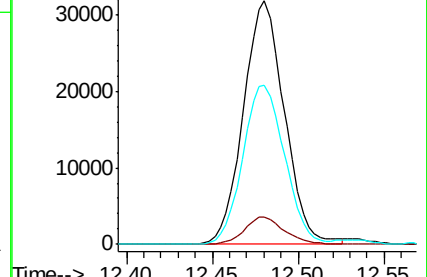
85 66.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.513 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062907.D

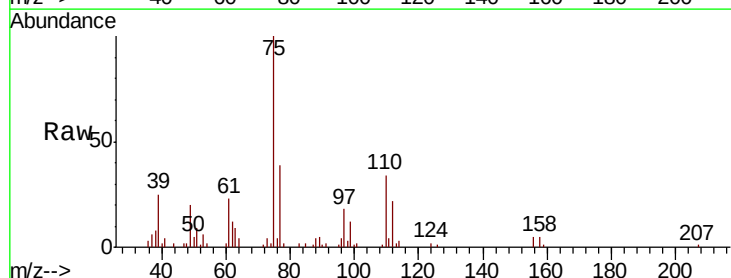
Acq: 13 Aug 2020 13:37

Tgt Ion: 75 Resp: 70060

Ion Ratio Lower Upper

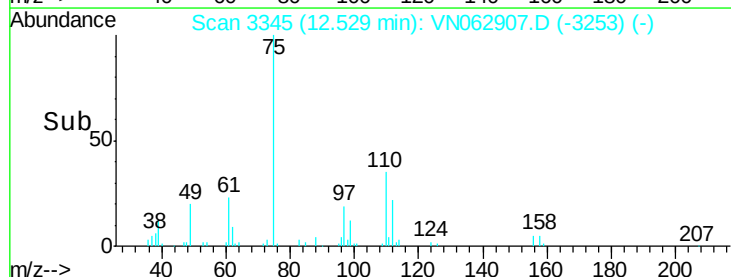
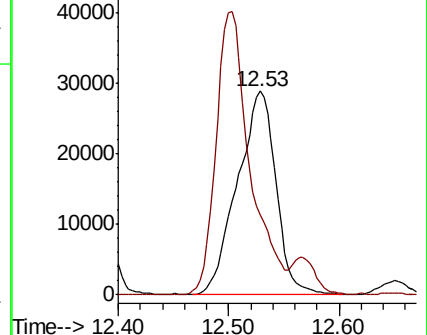
75 100

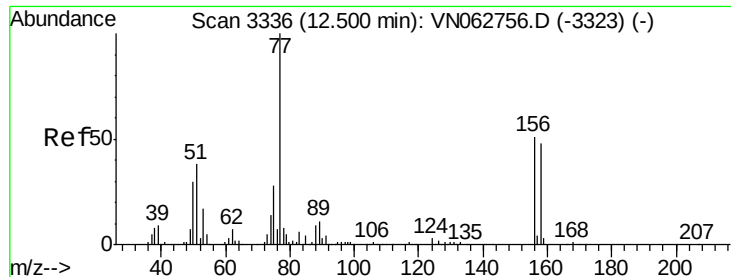
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.915 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

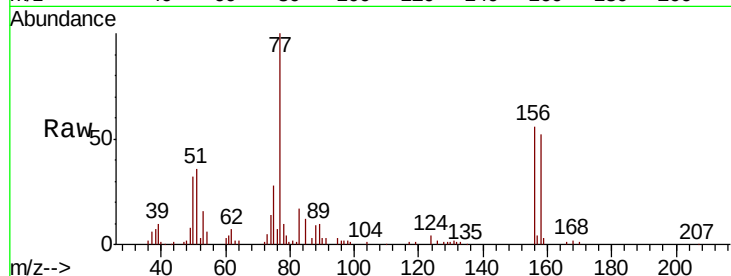
Tot Ion:156 Resp: 37938

Ion Ratio Lower Upper

156 100

77 225.4 119.7 359.1

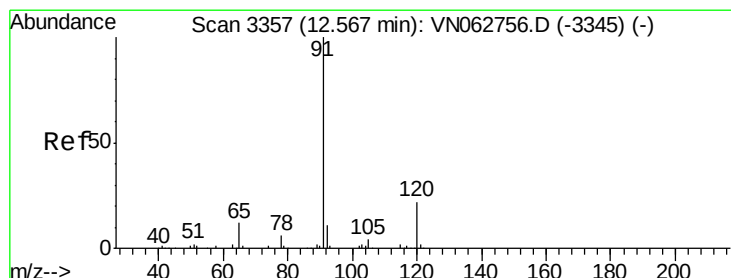
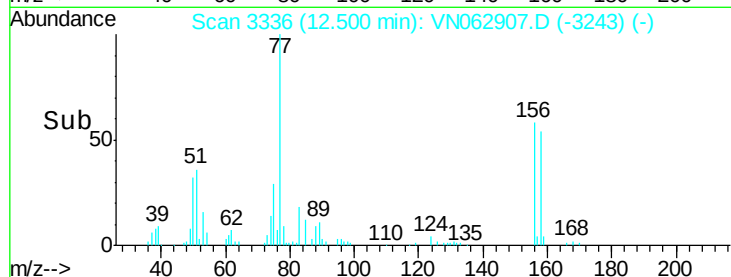
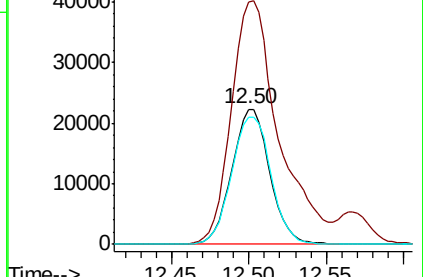
158 98.0 48.1 144.3



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: 19.764 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062907.D

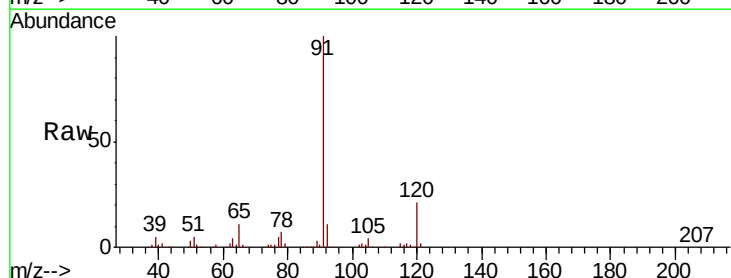
Acq: 13 Aug 2020 13:37

Tgt Ion: 91 Resp: 177873

Ion Ratio Lower Upper

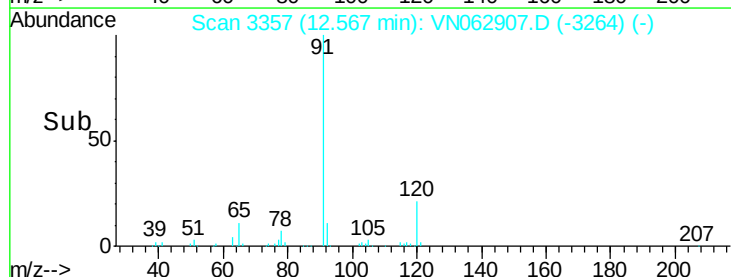
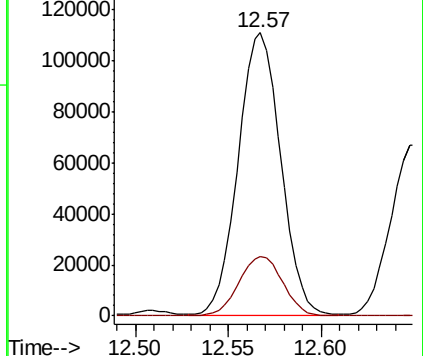
91 100

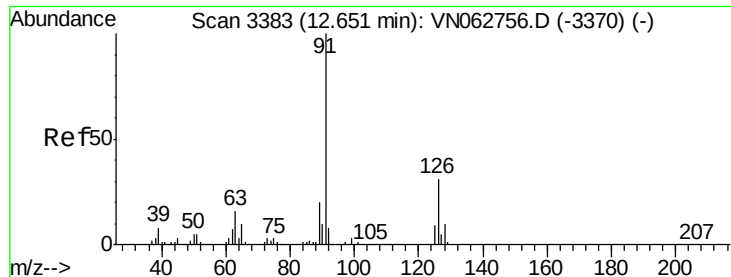
120 21.6 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

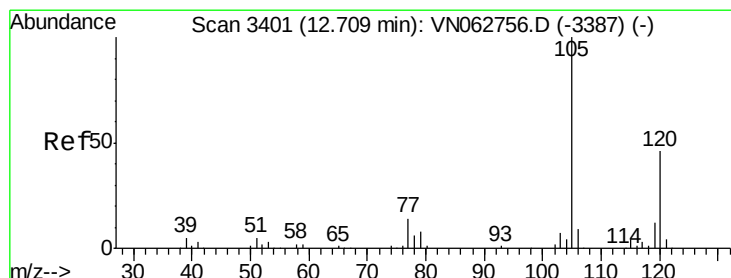
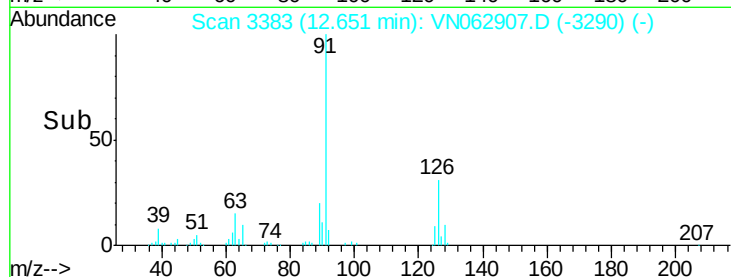
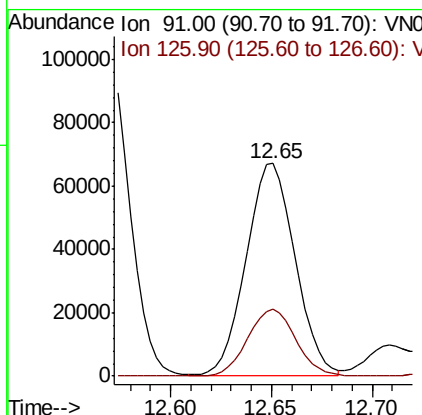
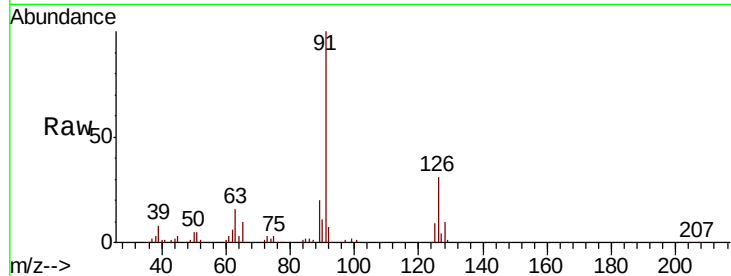




#79
 2-Chlorotoluene
 Concen: 20.231 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

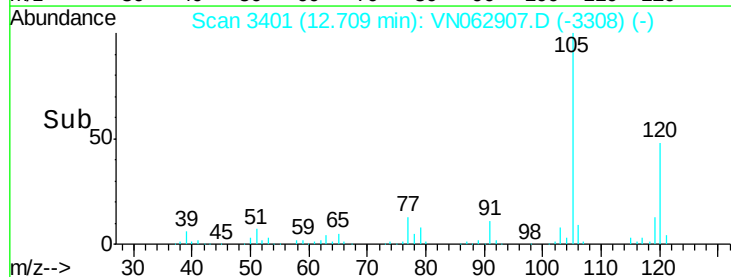
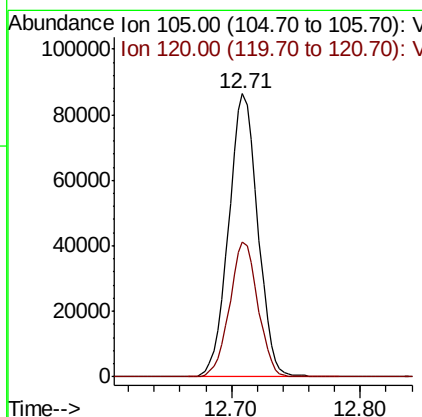
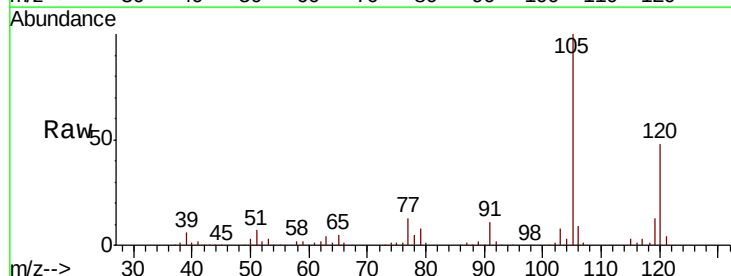
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

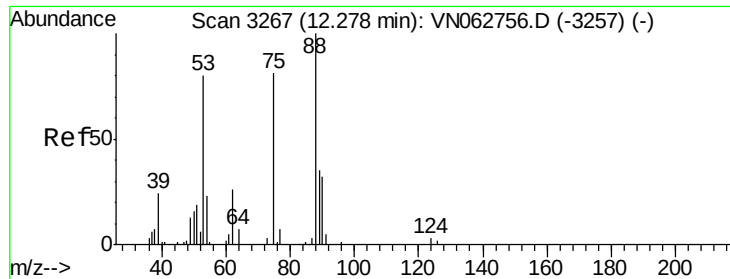
Tot Ion: 91 Resp: 114179
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.359 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Tgt Ion: 105 Resp: 135420
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.5

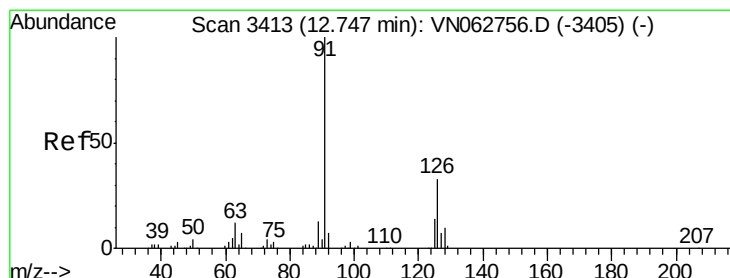
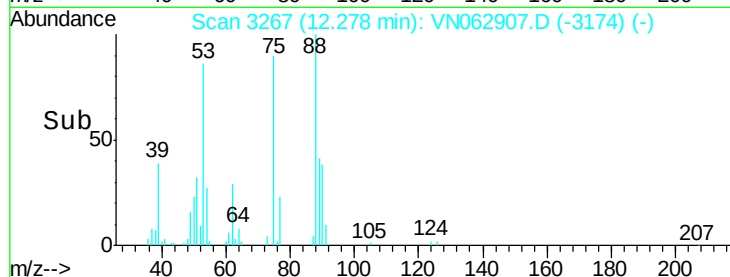
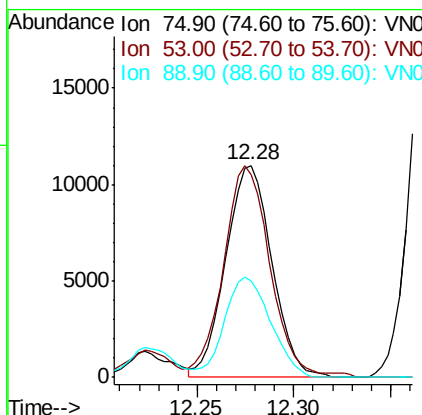
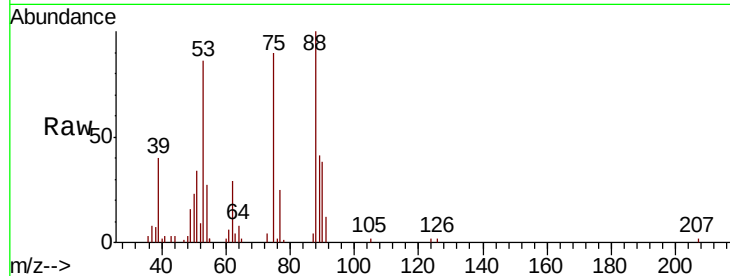




#81
trans-1,4-Dichloro-2-butene
Concen: 20.319 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

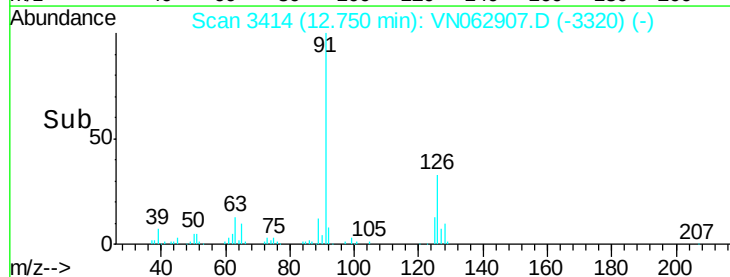
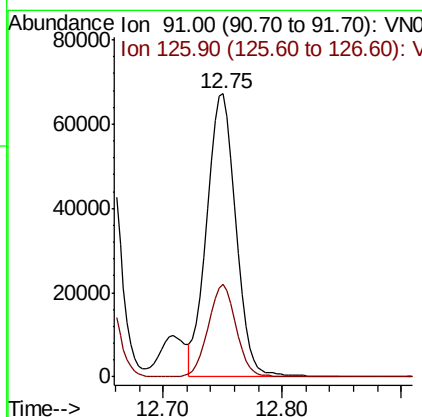
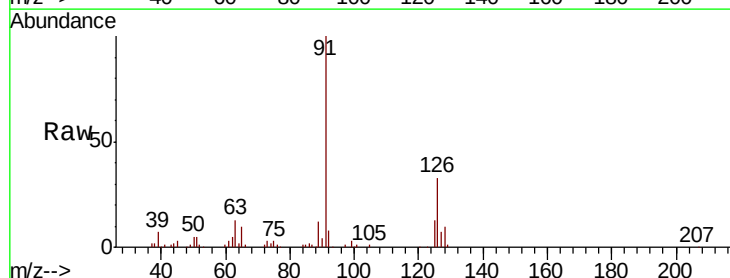
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

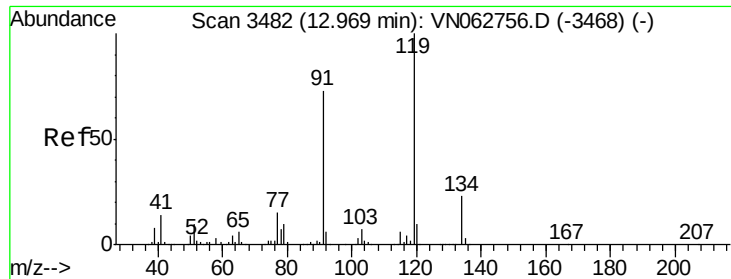
Tot Ion: 75 Resp: 18277
Ion Ratio Lower Upper
75 100
53 96.8 79.1 118.7
89 47.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.507 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 91 Resp: 113457
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.9

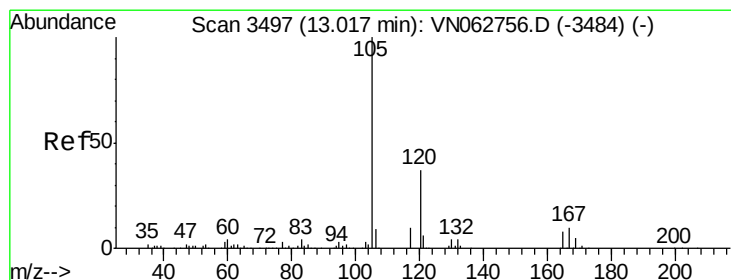
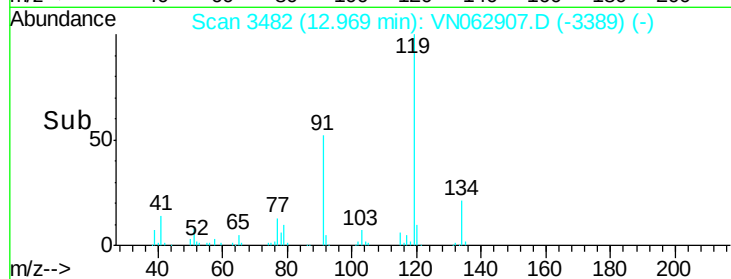
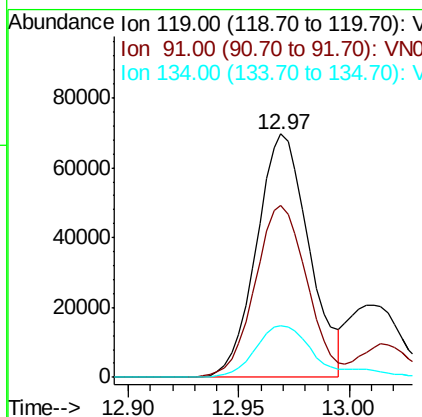
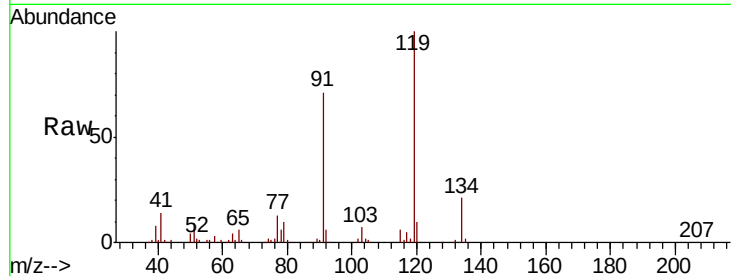




#83
 tert-Butylbenzene
 Concen: 20.453 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

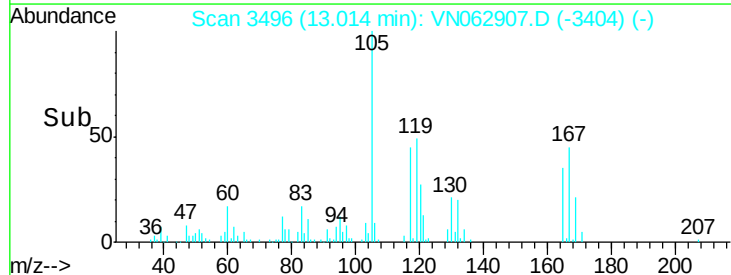
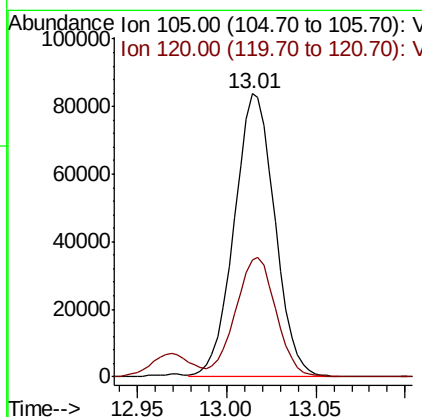
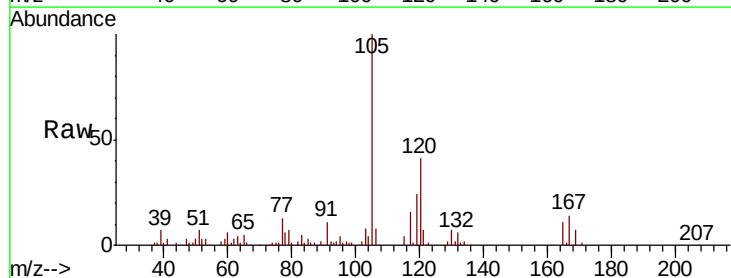
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

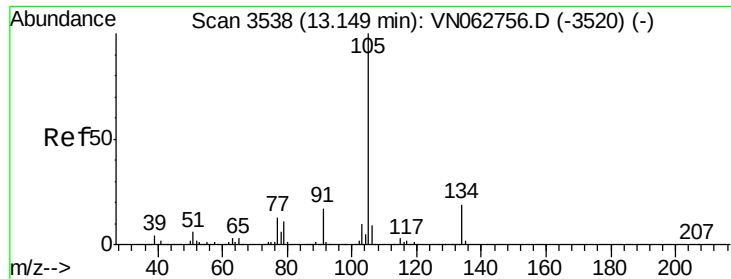
Tot Ion:119 Resp: 115115
 Ion Ratio Lower Upper
 119 100
 91 70.4 36.5 109.5
 134 22.3 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.637 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Tgt Ion:105 Resp: 131319
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.4 64.2





#85

sec-Butylbenzene

Concen: 19.707 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

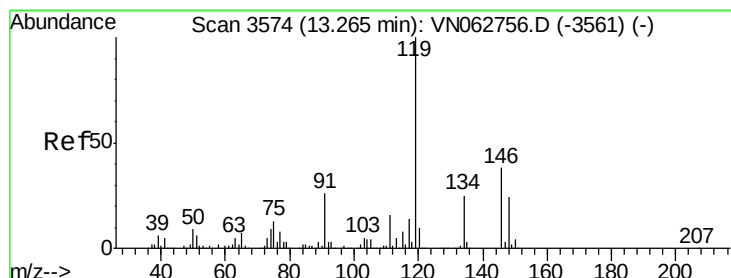
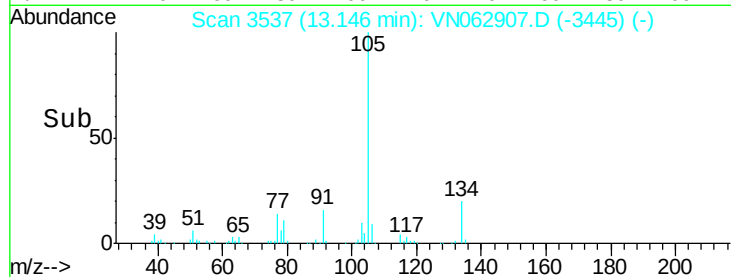
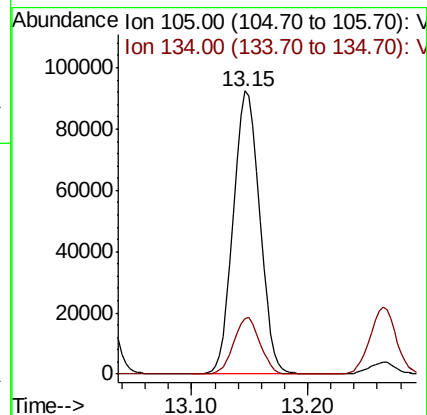
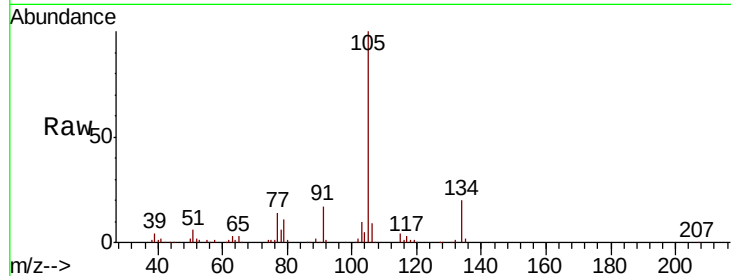
VN0813WBSD01

Tot Ion:105 Resp: 145659

Ion Ratio Lower Upper

105 100

134 19.6 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.957 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

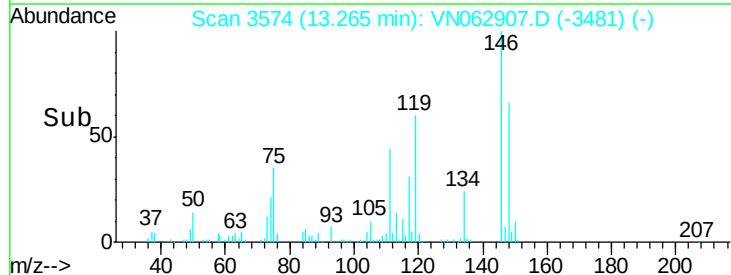
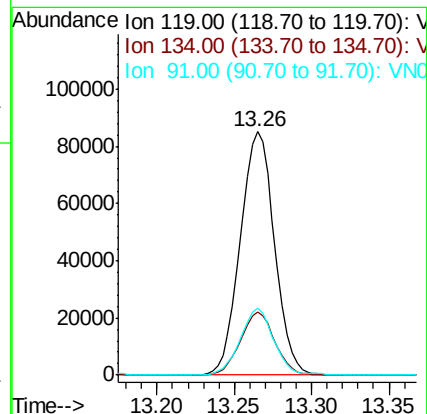
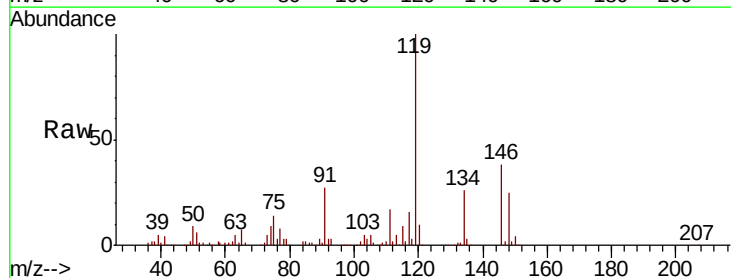
Tgt Ion:119 Resp: 130928

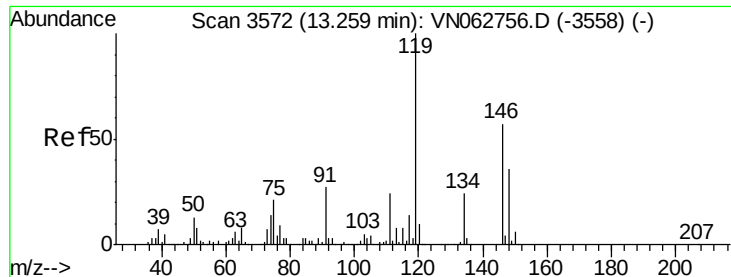
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 27.2 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 18.857 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

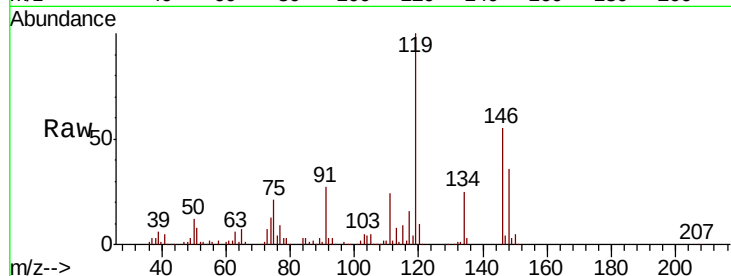
Tot Ion:146 Resp: 64176

Ion Ratio Lower Upper

146 100

111 44.8 21.7 65.1

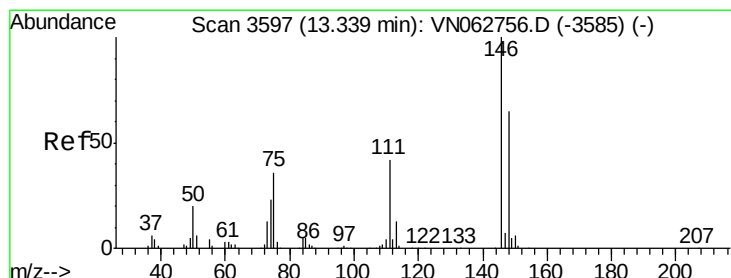
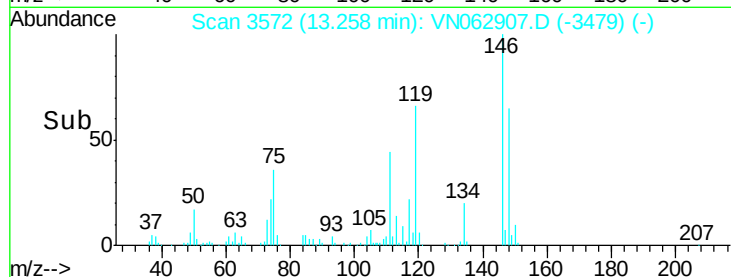
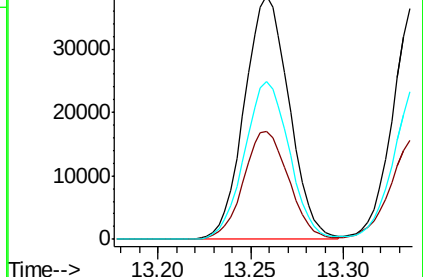
148 65.0 31.4 94.2



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



#88

1,4-Dichlorobenzene

Concen: 18.520 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062907.D

Acq: 13 Aug 2020 13:37

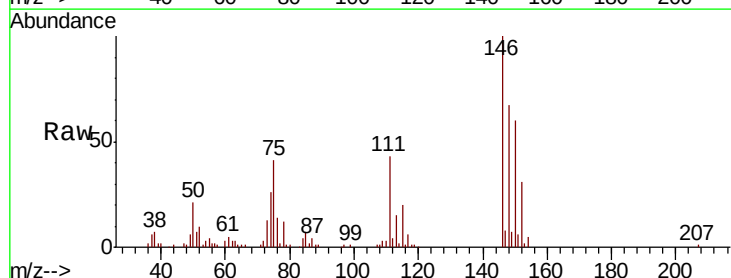
Tgt Ion:146 Resp: 63215

Ion Ratio Lower Upper

146 100

111 45.1 21.6 64.6

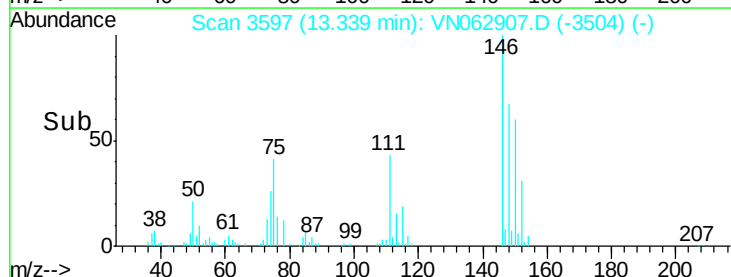
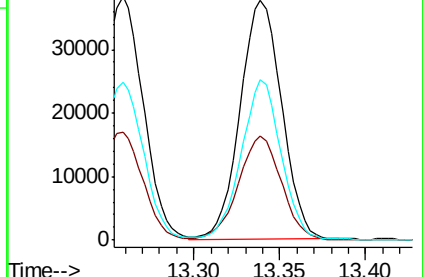
148 65.2 32.6 97.8

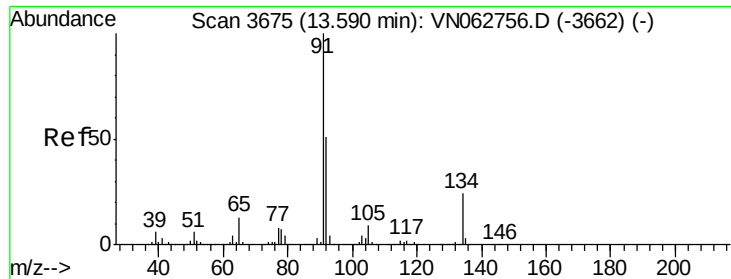


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

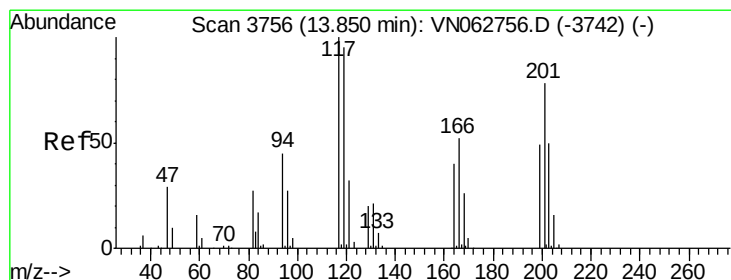
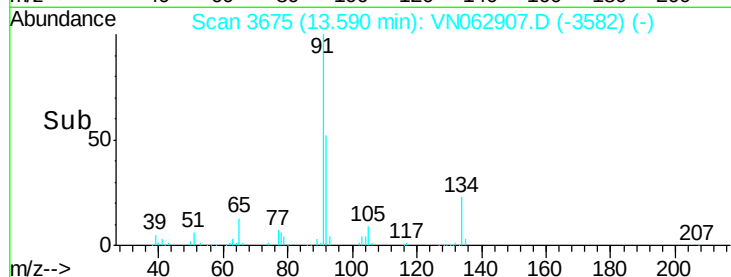
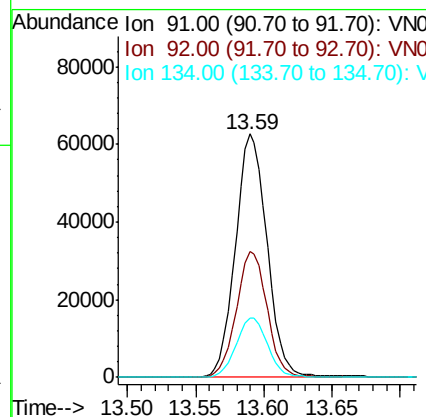
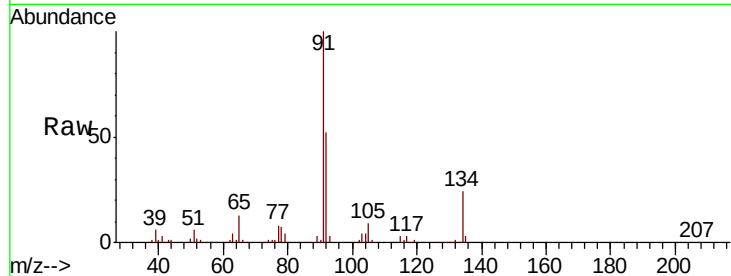




#89
n-Butylbenzene
Concen: 18.200 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

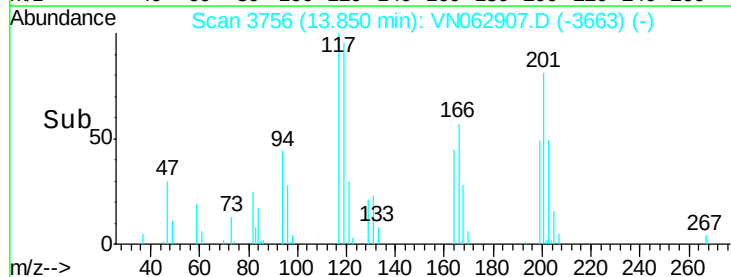
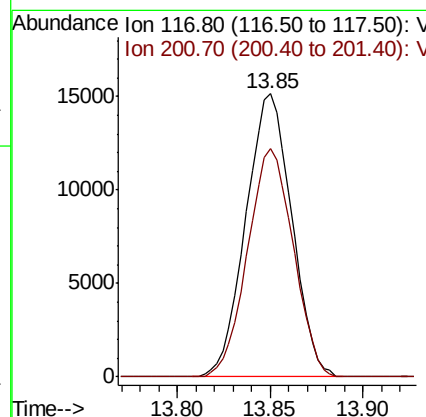
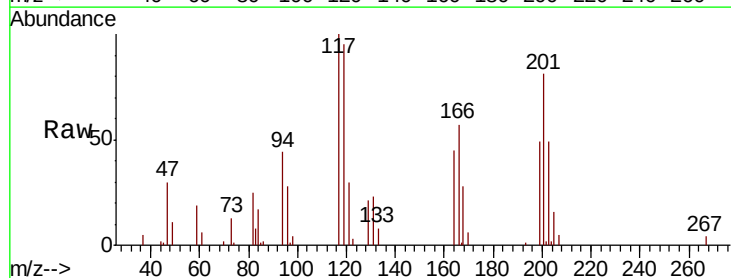
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

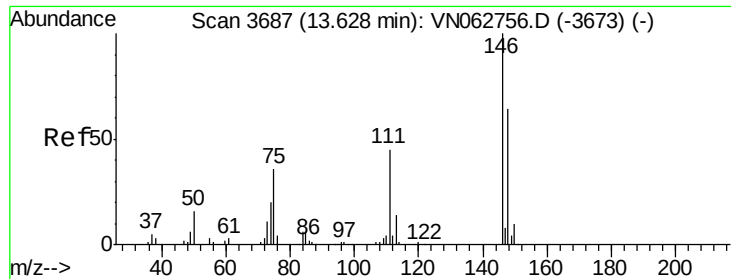
Tot Ion: 91 Resp: 100987
Ion Ratio Lower Upper
91 100
92 50.3 25.7 77.0
134 24.3 12.2 36.6



#90
Hexachloroethane
Concen: 18.385 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion: 117 Resp: 26000
Ion Ratio Lower Upper
117 100
201 80.3 39.2 117.6

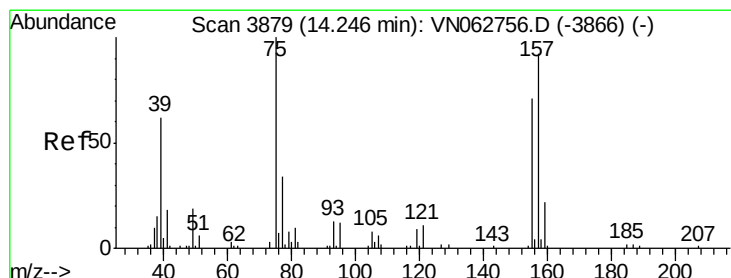
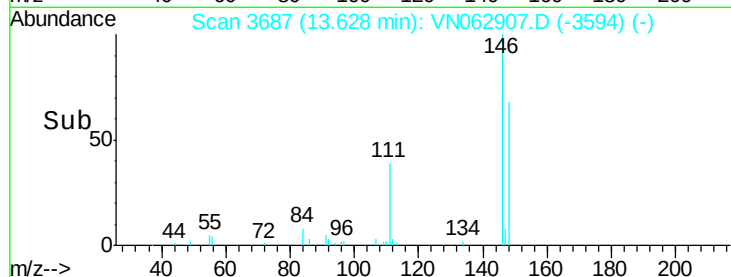
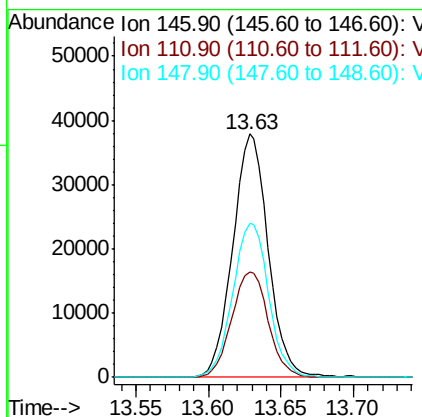
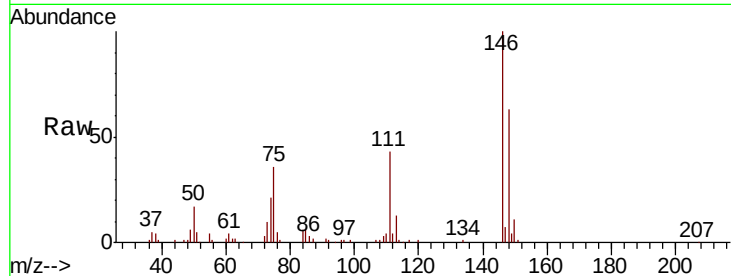




#91
 1,2-Dichlorobenzene
 Concen: 20.096 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

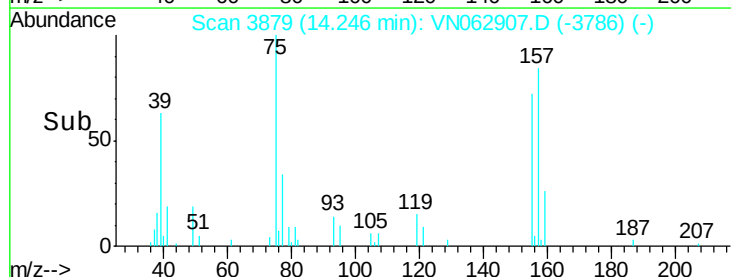
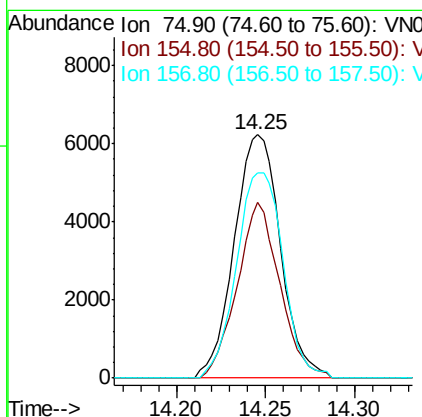
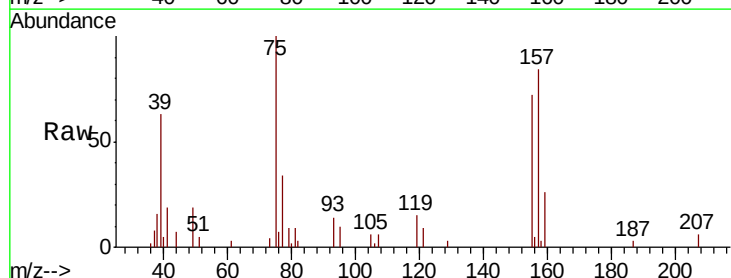
Instrument :
 MSVOA_N
 ClientSampled :
 VN0813WBSD01

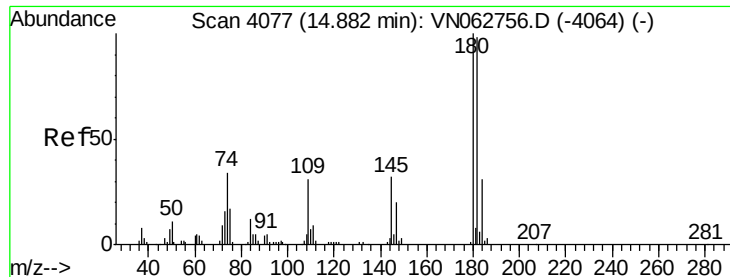
Tot Ion:146 Resp: 64119
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.8 68.4
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.377 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Tgt Ion: 75 Resp: 11228
 Ion Ratio Lower Upper
 75 100
 155 66.8 35.0 105.1
 157 85.3 43.2 129.6

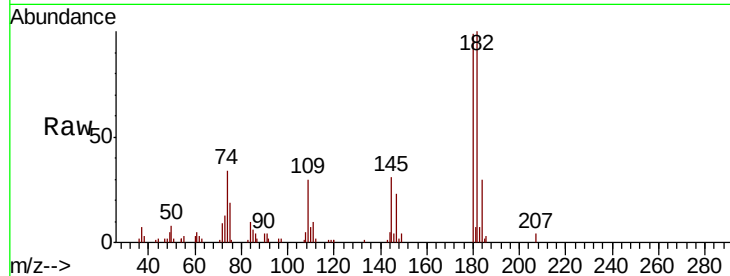




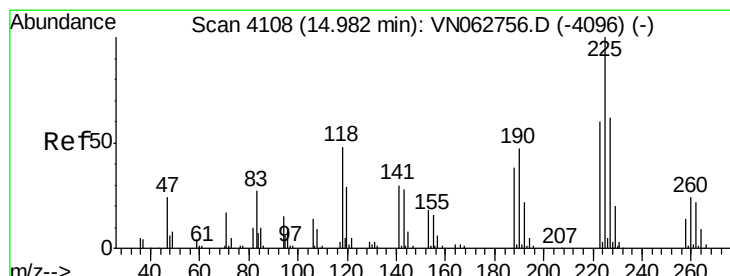
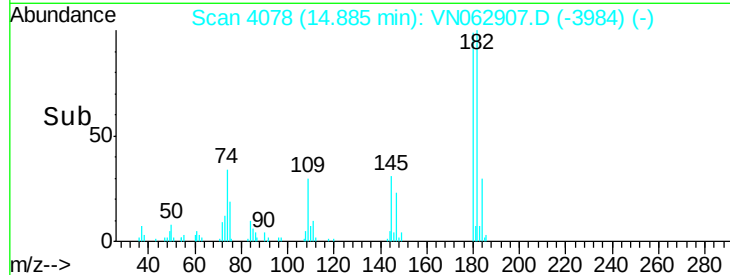
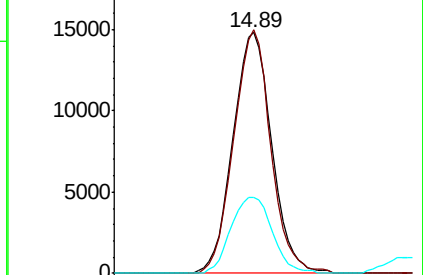
#93
 1,2,4-Trichlorobenzene
 Concen: 17.366 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	49.1	147.4
145	33.6	16.3	48.8

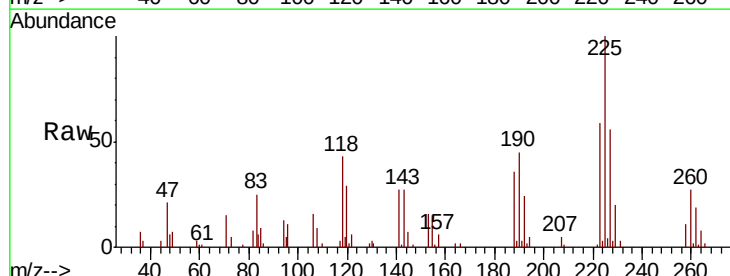


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

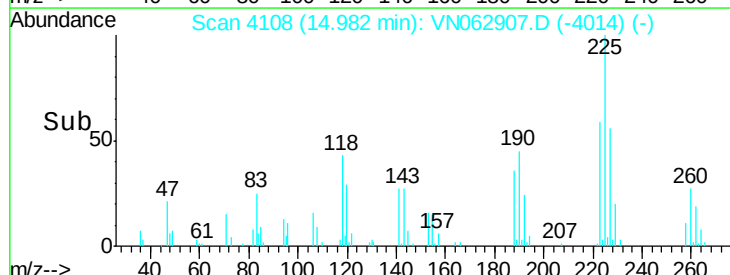
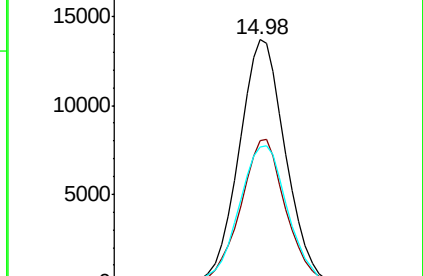


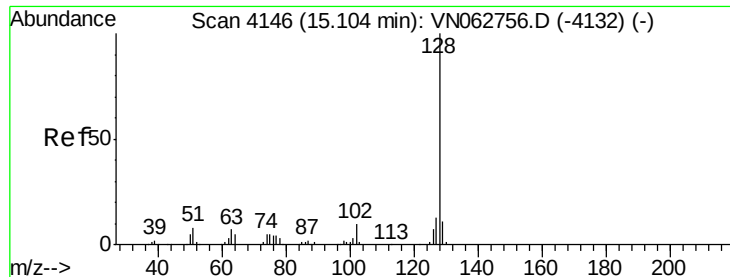
#94
 Hexachlorobutadiene
 Concen: 20.916 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062907.D
 Acq: 13 Aug 2020 13:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.1	30.6	92.0
227	59.1	31.6	95.0



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

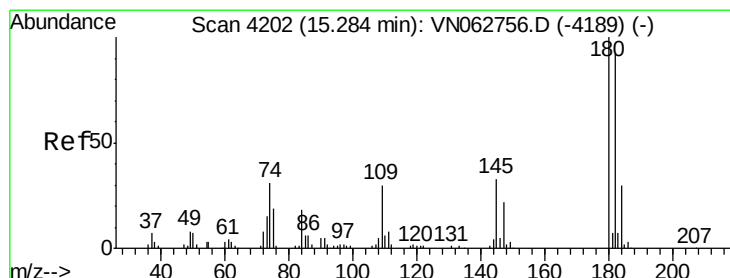
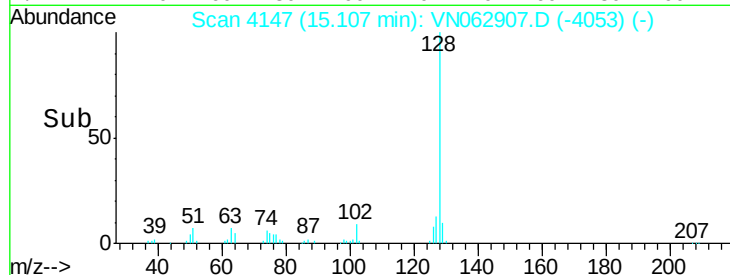
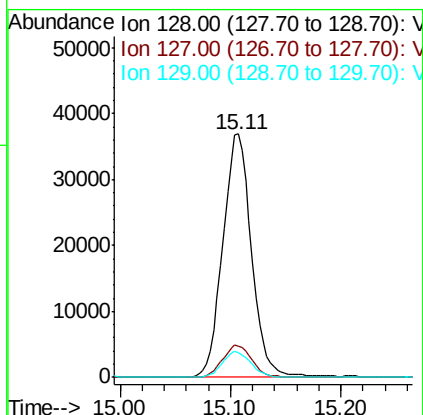
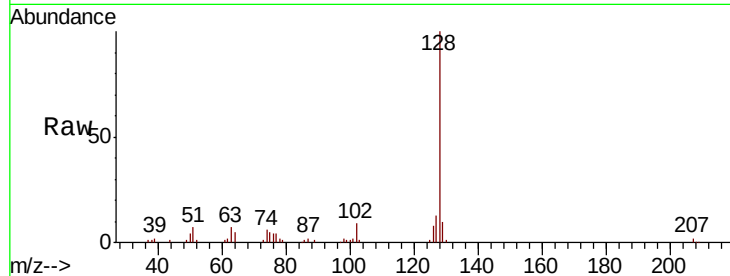




#95
Naphthalene
Concen: 16.909 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tot Ion:128 Resp: 66742
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.985 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062907.D
Acq: 13 Aug 2020 13:37

Tgt Ion:180 Resp: 27239
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.6
145 35.5 17.3 51.7

