

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062460.D
 Acq On : 9 Jul 2020 17:24
 Operator : JC/MD
 Sample : VN0709WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Quant Time: Jul 10 01:05:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	219309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	171388	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.55	113	120623	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.06	98	464828	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.38	95	169095	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38813	17.375	ug/l	97
3) Chloromethane	2.03	50	61550	17.172	ug/l	97
4) Vinyl Chloride	2.16	62	55265	18.819	ug/l	99
5) Bromomethane	2.53	94	26955	17.091	ug/l	100
6) Chloroethane	2.67	64	33485	19.578	ug/l	96
7) Trichlorofluoromethane	2.98	101	71635	19.207	ug/l	100
8) Diethyl Ether	3.37	74	32760	19.643	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42637	19.285	ug/l	100
10) Methyl Iodide	3.91	142	38334	13.131	ug/l	100
11) Tert butyl alcohol	4.73	59	57873	103.425	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	42248	18.769	ug/l	100
13) Acrolein	3.57	56	31294	77.526	ug/l	100
14) Allyl chloride	4.27	41	95569	18.052	ug/l	98
15) Acrylonitrile	4.93	53	145040	98.832	ug/l	99
16) Acetone	3.78	43	127060	88.721	ug/l	99
17) Carbon Disulfide	4.01	76	122450	17.360	ug/l	99
18) Methyl Acetate	4.28	43	68039	19.037	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	170062	19.927	ug/l	98
20) Methylene Chloride	4.50	84	55392	18.090	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	45695	18.738	ug/l	94
22) Diisopropyl ether	5.90	45	200486	19.168	ug/l	99
23) Vinyl Acetate	5.84	43	835798	96.464	ug/l	100
24) 1,1-Dichloroethane	5.80	63	103014	19.060	ug/l	99
25) 2-Butanone	6.78	43	198759	95.030	ug/l	98
26) 2,2-Dichloropropane	6.78	77	79034	19.072	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	55835	19.767	ug/l	97
28) Bromochloromethane	7.15	49	56750	19.327	ug/l	96
29) Tetrahydrofuran	7.17	42	137342	97.534	ug/l	98
30) Chloroform	7.33	83	95432	19.556	ug/l	98
31) Cyclohexane	7.61	56	88091	17.193	ug/l	90
32) 1,1,1-Trichloroethane	7.53	97	77647	19.129	ug/l	98
36) 1,1-Dichloropropene	7.75	75	69767	18.336	ug/l	98
37) Ethyl Acetate	6.88	43	84910	19.084	ug/l	100
38) Carbon Tetrachloride	7.73	117	66411	19.414	ug/l	98

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Quant Time: Jul 10 01:05:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75875	18.678	ug/l	98
40) Benzene	8.00	78	213990	19.082	ug/l	99
41) Methacrylonitrile	7.13	41	37020	19.915	ug/l	94
42) 1,2-Dichloroethane	8.08	62	83858	20.422	ug/l	100
43) Isopropyl Acetate	8.13	43	137442	19.555	ug/l	94
44) Trichloroethene	8.80	130	47923	19.261	ug/l	97
45) 1,2-Dichloropropane	9.08	63	61823	18.991	ug/l	99
46) Dibromomethane	9.17	93	36540	19.890	ug/l	99
47) Bromodichloromethane	9.37	83	75227	19.153	ug/l	98
48) Methyl methacrylate	9.17	41	65474	18.991	ug/l	97
49) 1,4-Dioxane	9.17	88	20122	400.979	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	415401	98.952	ug/l	98
52) Toluene	10.12	92	126391	19.512	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	85892	19.519	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	94076	19.377	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	51921	20.380	ug/l	98
56) Ethyl methacrylate	10.40	69	84507	19.119	ug/l	99
57) 1,3-Dichloropropane	10.68	76	95250	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	144073	95.324	ug/l	98
59) 2-Hexanone	10.72	43	298466	97.933	ug/l	98
60) Dibromochloromethane	10.87	129	55461	20.078	ug/l	98
61) 1,2-Dibromoethane	10.98	107	52253	20.318	ug/l	99
64) Tetrachloroethene	10.60	164	38945	19.115	ug/l	99
65) Chlorobenzene	11.41	112	133024	19.935	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	48920	19.880	ug/l	98
67) Ethyl Benzene	11.48	91	241643	19.292	ug/l	99
68) m/p-Xylenes	11.60	106	173732	39.180	ug/l	99
69) o-Xylene	11.92	106	85967	19.912	ug/l	96
70) Styrene	11.94	104	141673	19.855	ug/l	100
71) Bromoform	12.10	173	36490	20.228	ug/l #	100
73) Isopropylbenzene	12.22	105	226627	19.494	ug/l	99
74) N-amyl acetate	12.05	43	113806	20.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79202	20.262	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	101295	27.480	ug/l #	100
77) Bromobenzene	12.50	156	51746	19.579	ug/l	98
78) n-propylbenzene	12.57	91	263685	19.418	ug/l	99
79) 2-Chlorotoluene	12.65	91	161452	19.590	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	191495	20.094	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	24612	17.871	ug/l	99
82) 4-Chlorotoluene	12.75	91	164792	19.695	ug/l	99
83) tert-Butylbenzene	12.97	119	159555	19.729	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	187925	19.839	ug/l	99
85) sec-Butylbenzene	13.15	105	211037	19.692	ug/l	100
86) p-Isopropyltoluene	13.26	119	183392	19.827	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	89661	19.665	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	90299	19.248	ug/l	99
89) n-Butylbenzene	13.59	91	155304	19.016	ug/l	99
90) Hexachloroethane	13.85	117	33873	18.617	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	88393	20.052	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14655	20.545	ug/l	99

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Quant Time: Jul 10 01:05:36 2020
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

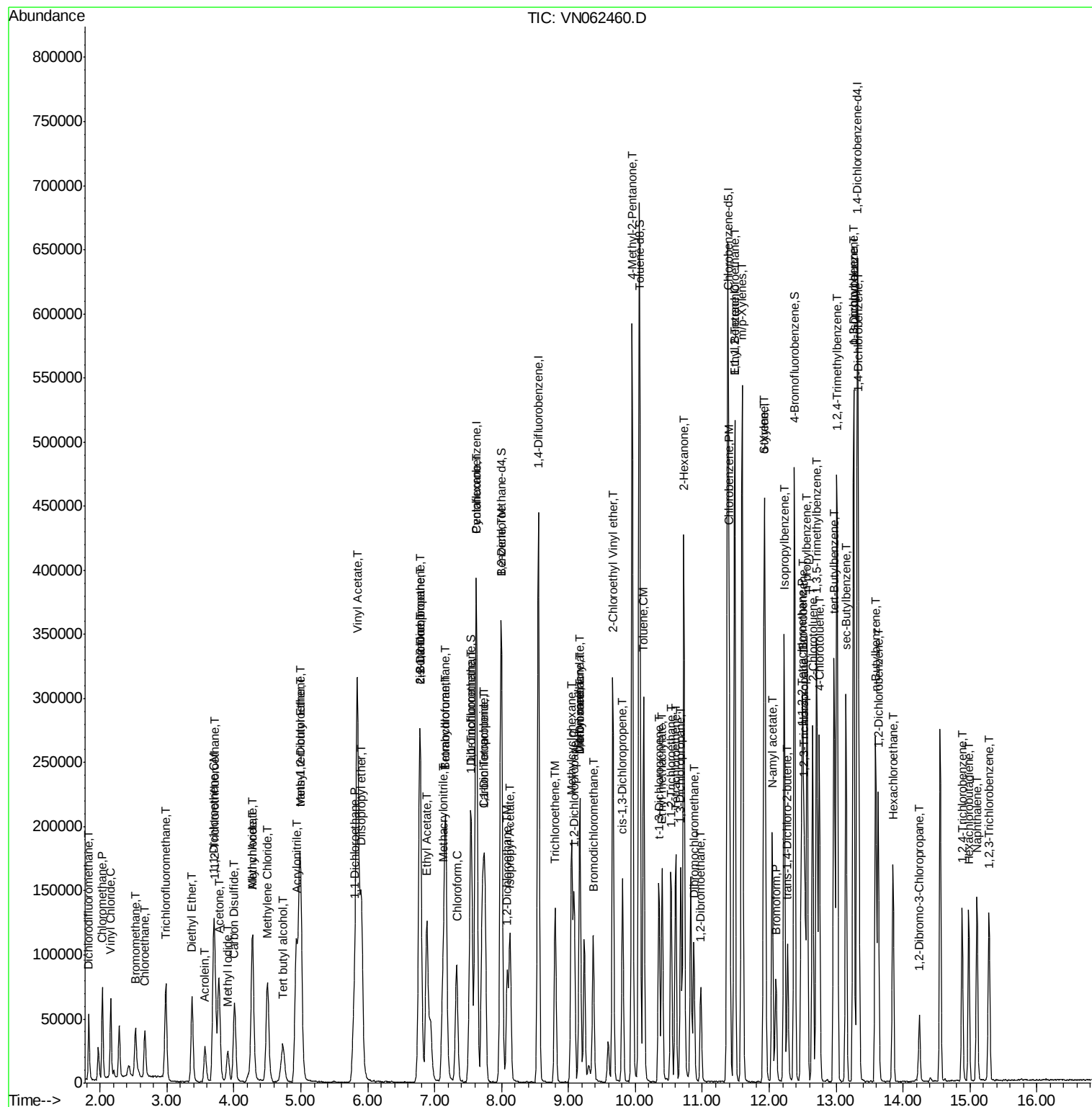
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40516	19.308	ug/l	99
94) Hexachlorobutadiene	14.98	225	23641	20.198	ug/l	97
95) Naphthalene	15.10	128	116315	21.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	42211	19.858	ug/l	98

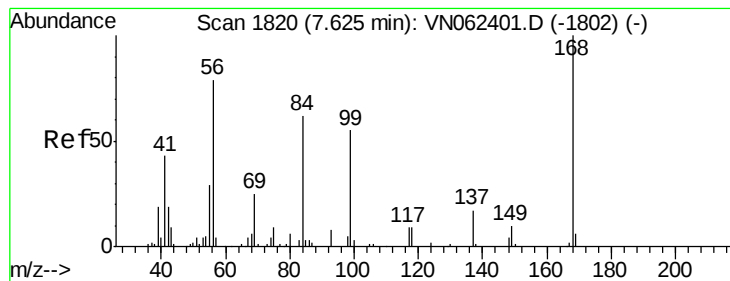
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062460.D
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 Misc : 5.00mL/MSVOA N/WATER
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

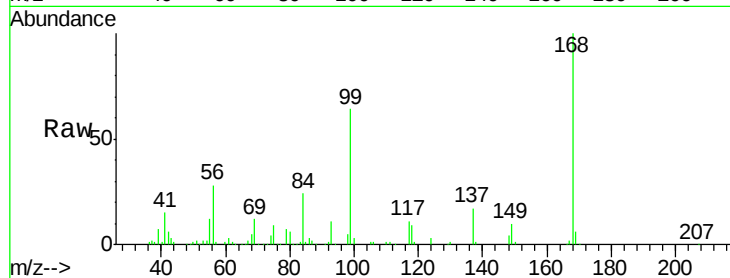
VN0709WBSD02

Tot Ion:168 Resp: 219309

Ion Ratio Lower Upper

168 100

99 63.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

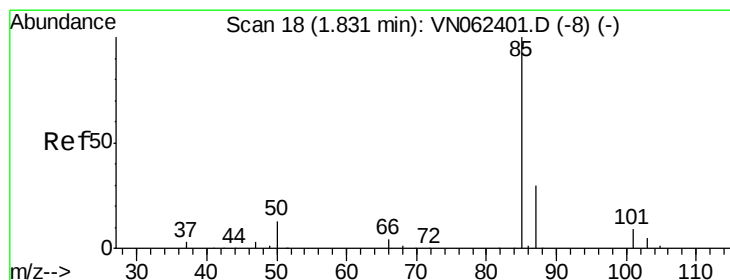
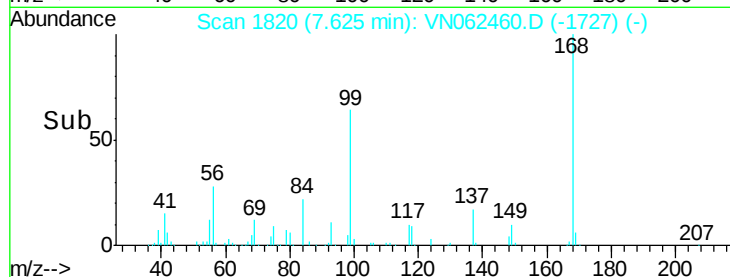
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.375 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062460.D

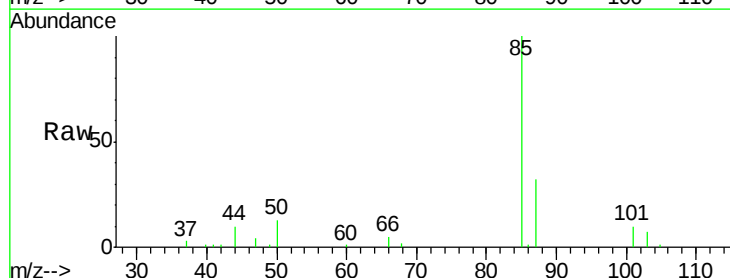
Acq: 9 Jul 2020 17:24

Tgt Ion: 85 Resp: 38813

Ion Ratio Lower Upper

85 100

87 32.1 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

25000

20000

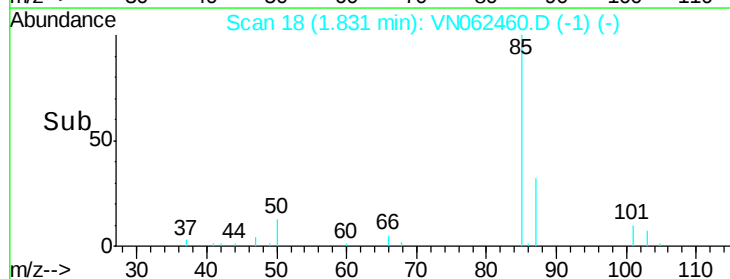
15000

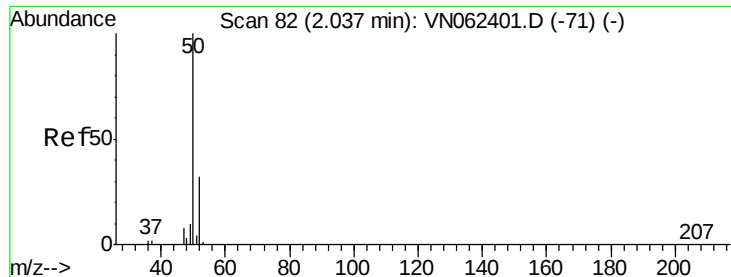
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.172 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

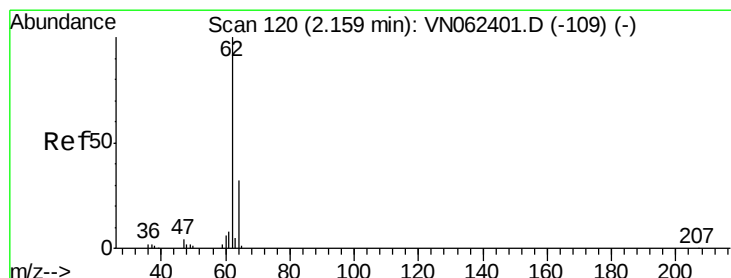
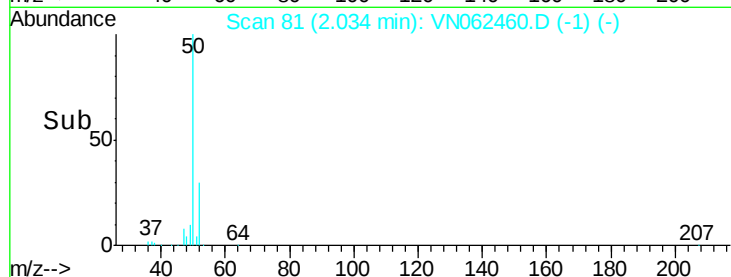
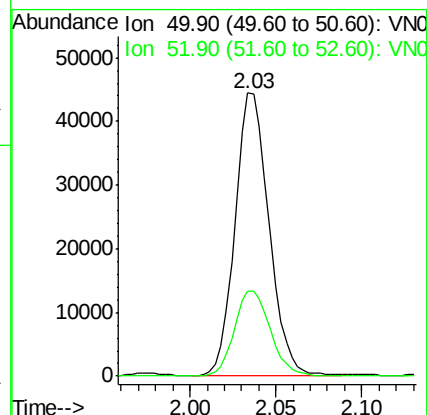
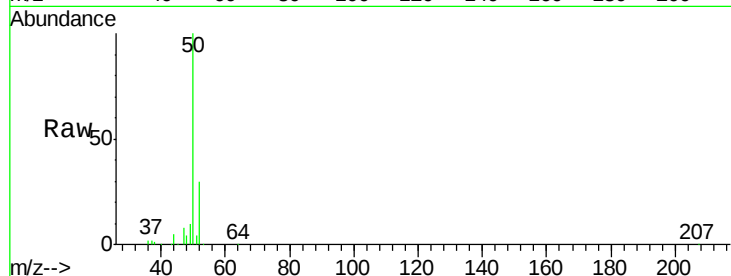
VN0709WBSD02

Tot Ion: 50 Resp: 61550

Ion Ratio Lower Upper

50 100

52 30.0 25.5 38.3



#4

Vinyl Chloride

Concen: 18.819 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062460.D

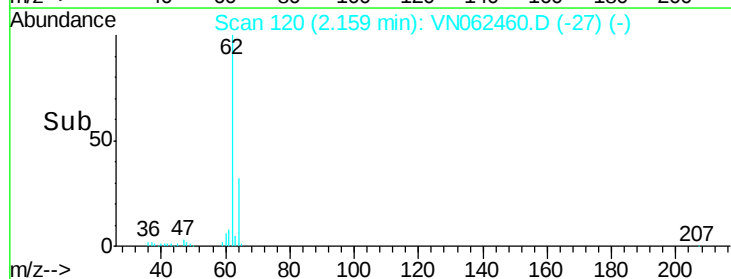
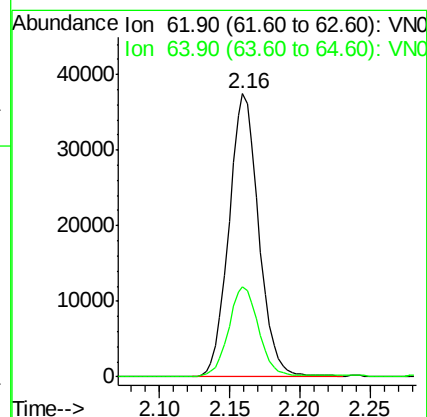
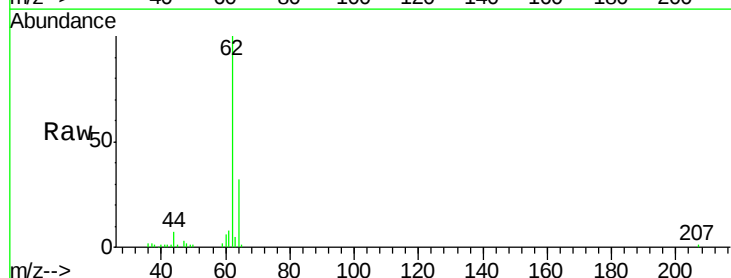
Acq: 9 Jul 2020 17:24

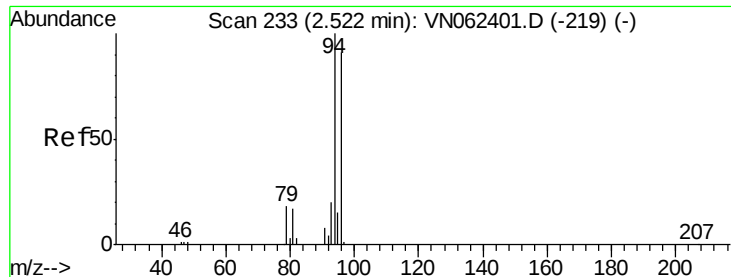
Tgt Ion: 62 Resp: 55265

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 17.091 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

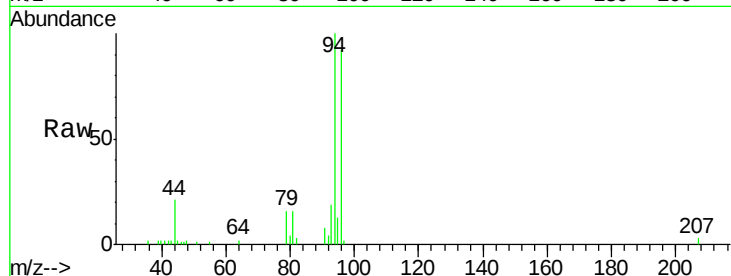
VN0709WBSD02

Tot Ion: 94 Resp: 26955

Ion Ratio Lower Upper

94 100

96 91.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

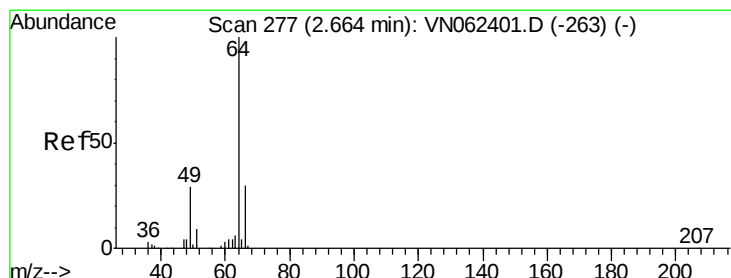
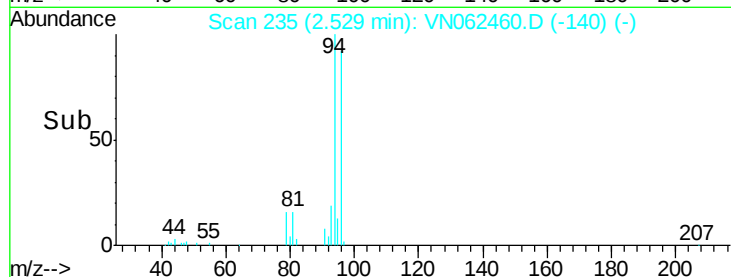
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.578 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062460.D

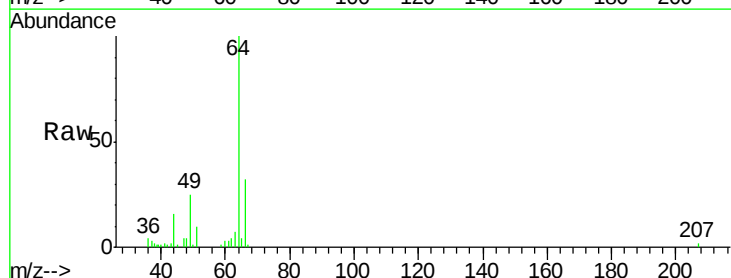
Acq: 9 Jul 2020 17:24

Tgt Ion: 64 Resp: 33485

Ion Ratio Lower Upper

64 100

66 32.3 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

20000

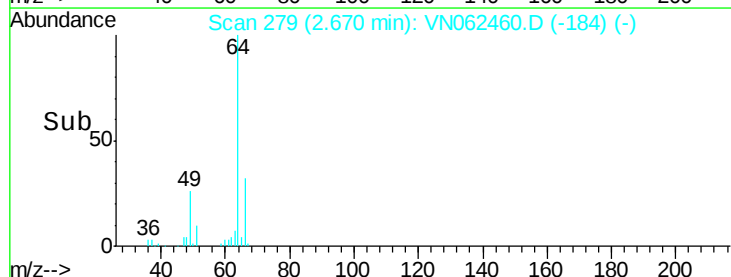
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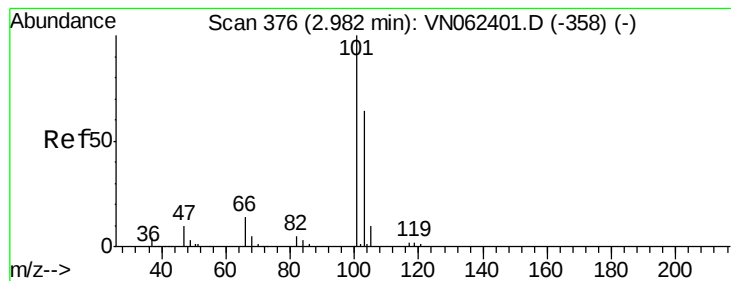
10000

5000

0

Time-->



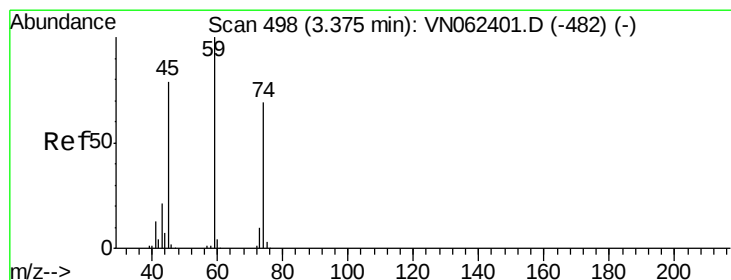
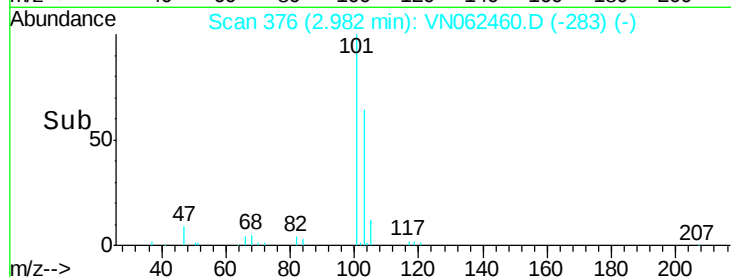
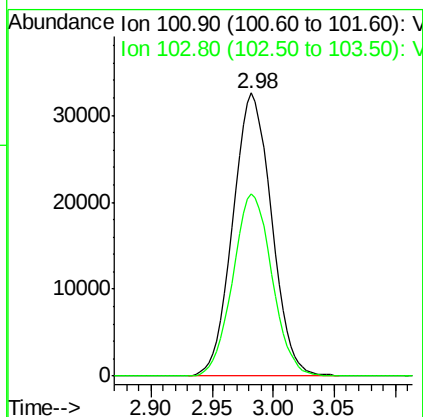
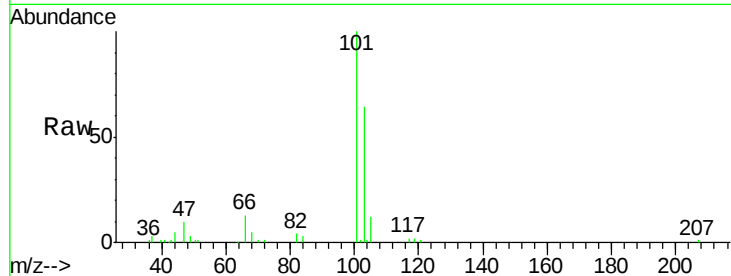


#7

Trichlorofluoromethane
 Concen: 19.207 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

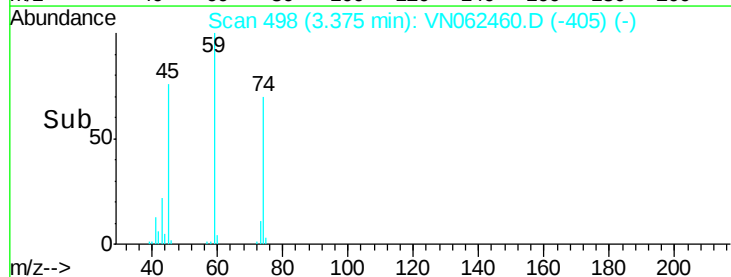
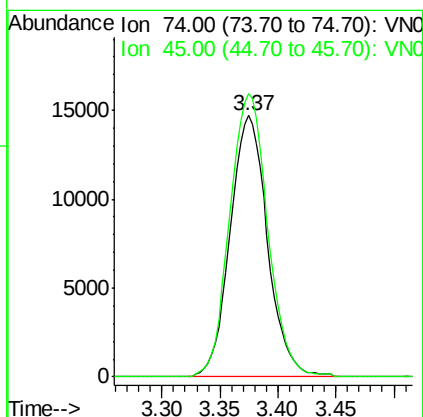
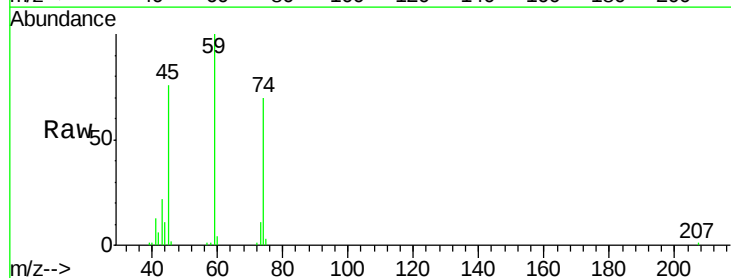
Tot Ion:101 Resp: 71635
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.6 77.4

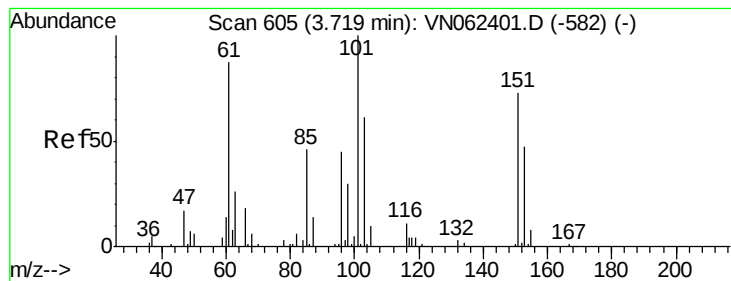


#8

Diethyl Ether
 Concen: 19.643 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion: 74 Resp: 32760
 Ion Ratio Lower Upper
 74 100
 45 110.8 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.285 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

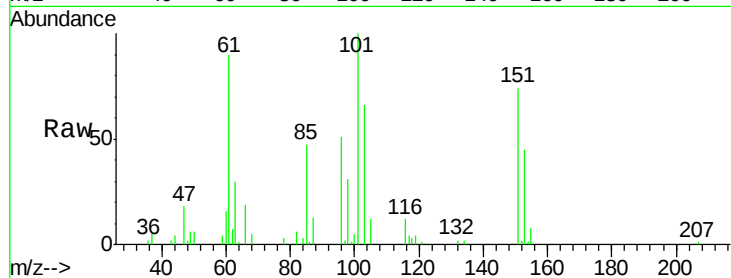
Tot Ion:101 Resp: 42637

Ion Ratio Lower Upper

101 100

85 45.9 36.7 55.1

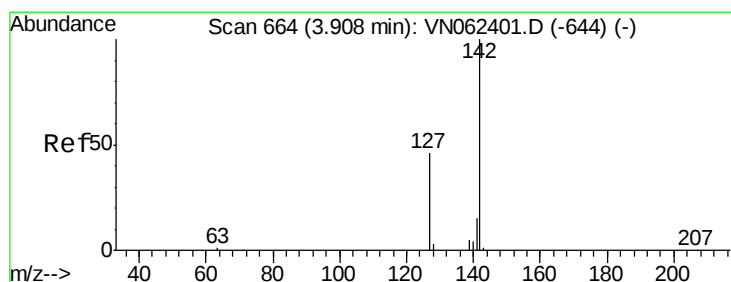
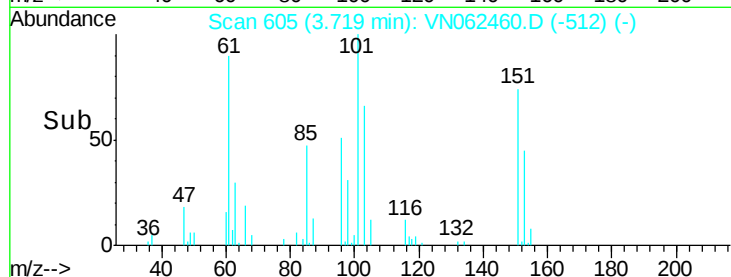
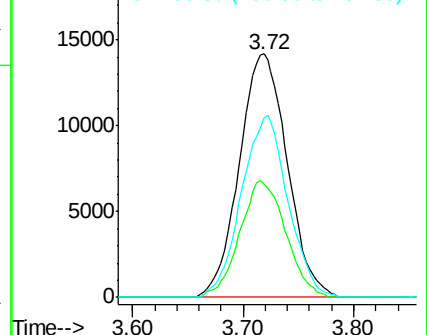
151 72.5 58.3 87.5



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: 13.131 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

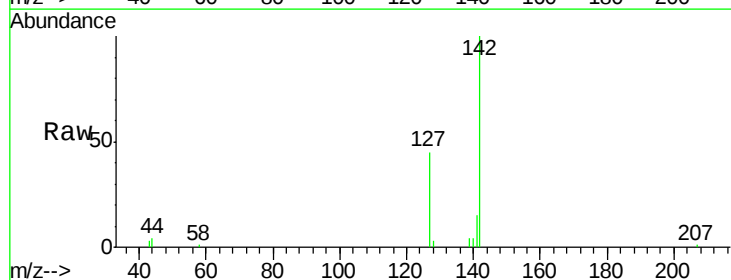
Tgt Ion:142 Resp: 38334

Ion Ratio Lower Upper

142 100

127 45.4 36.1 54.1

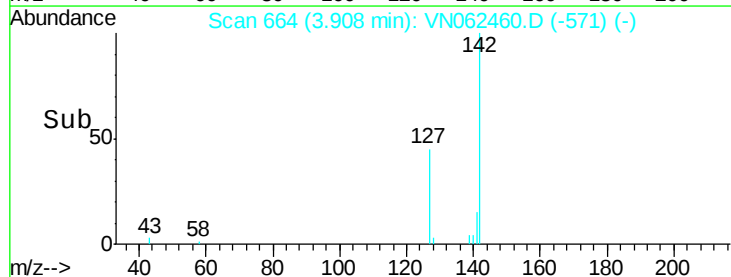
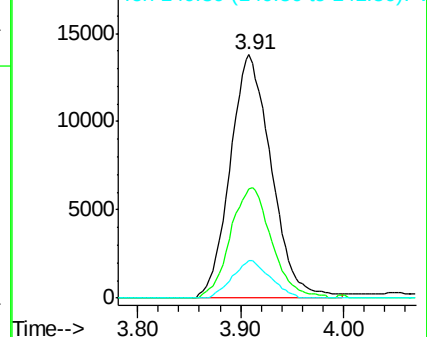
141 14.1 11.4 17.0

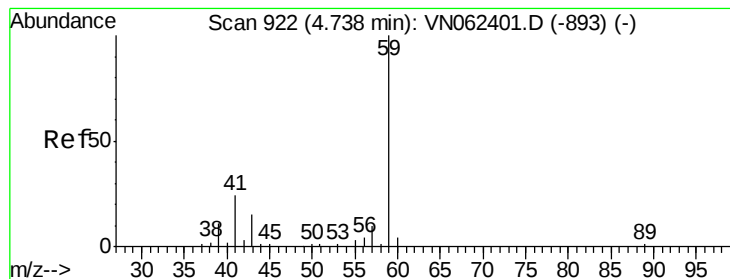


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



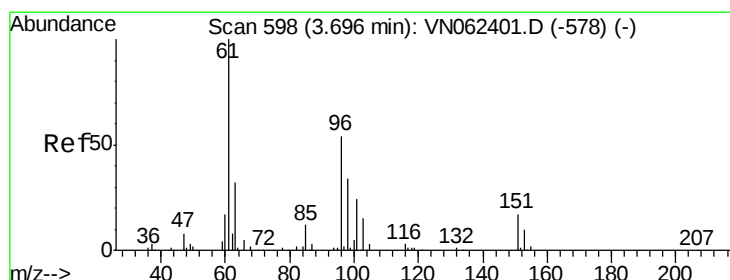
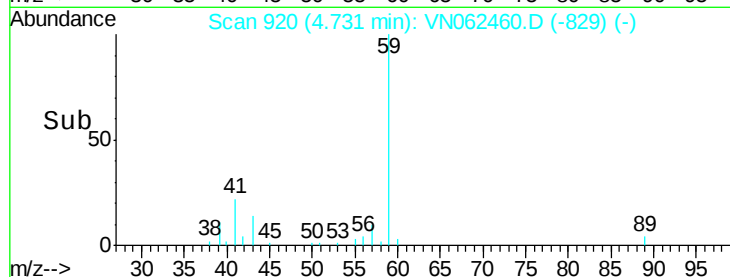
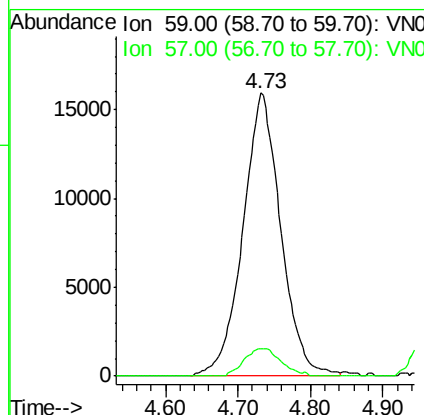
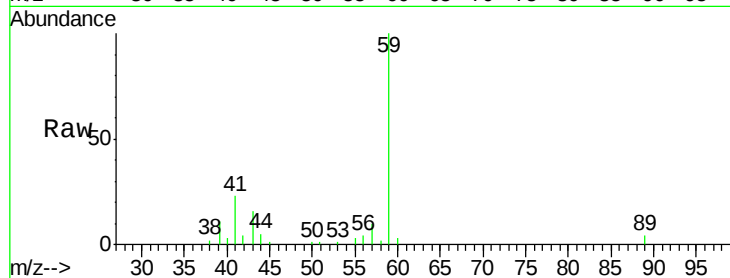


#11

Tert butyl alcohol
 Concen: 103.425 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

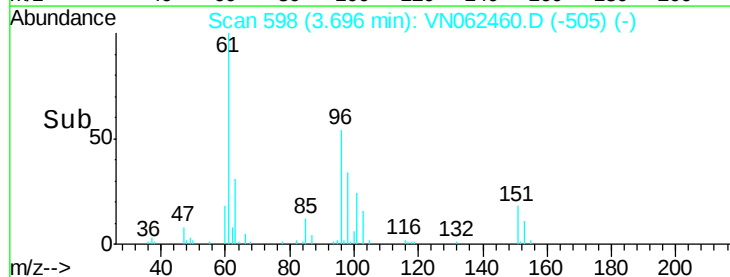
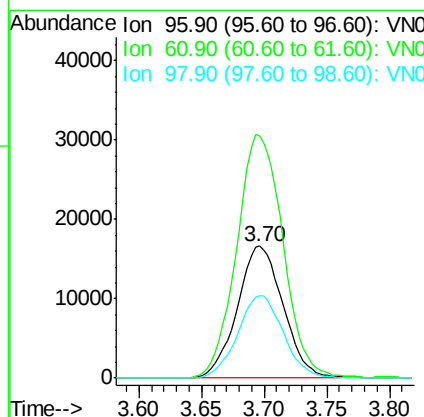
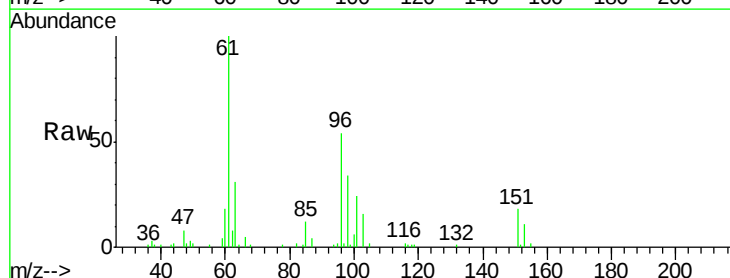
Tot Ion: 59 Resp: 57873
 Ion Ratio Lower Upper
 59 100
 57 5.0 7.8 11.6#

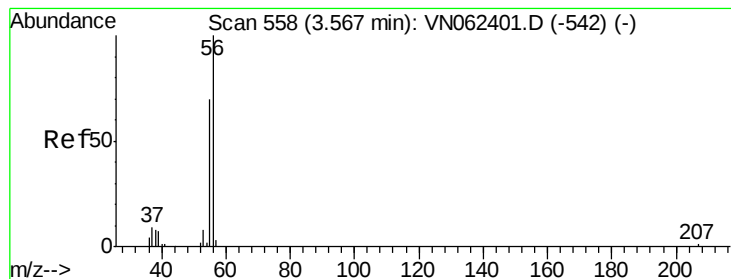


#12

1,1-Dichloroethene
 Concen: 18.769 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion: 96 Resp: 42248
 Ion Ratio Lower Upper
 96 100
 61 184.4 147.4 221.0
 98 62.6 50.4 75.6





#13

Acrolein

Concen: 77.526 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

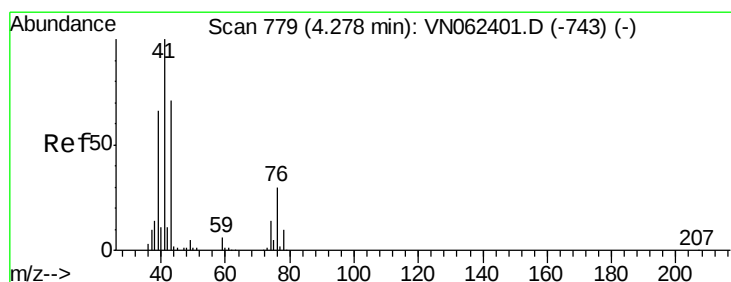
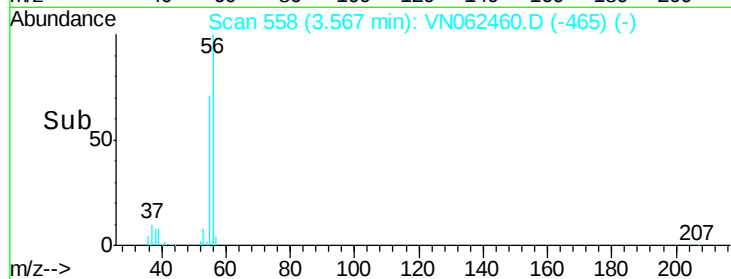
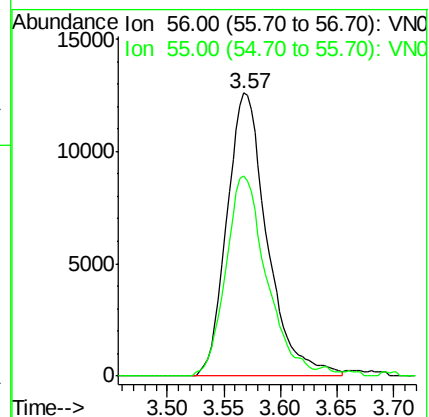
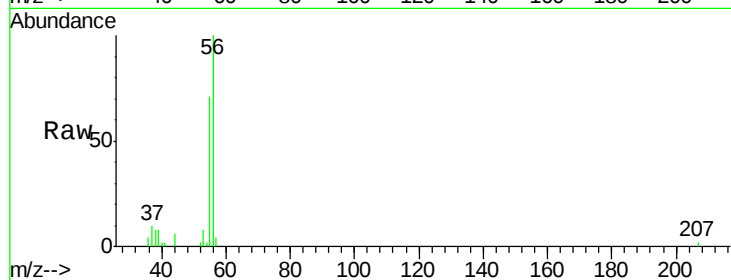
VN0709WBSD02

Tot Ion: 56 Resp: 31294

Ion Ratio Lower Upper

56 100

55 71.4 57.2 85.8



#14

Allyl chloride

Concen: 18.052 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

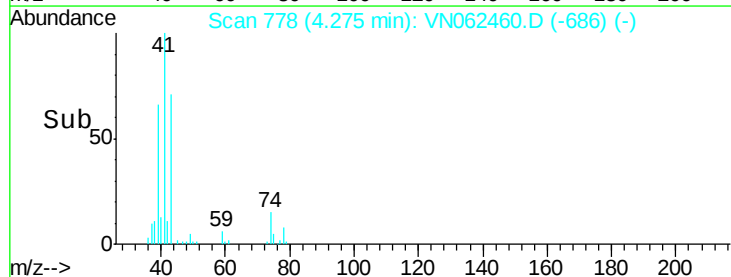
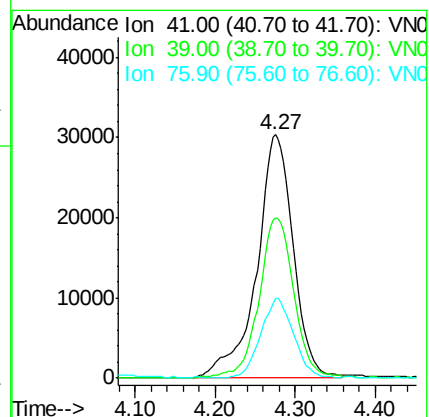
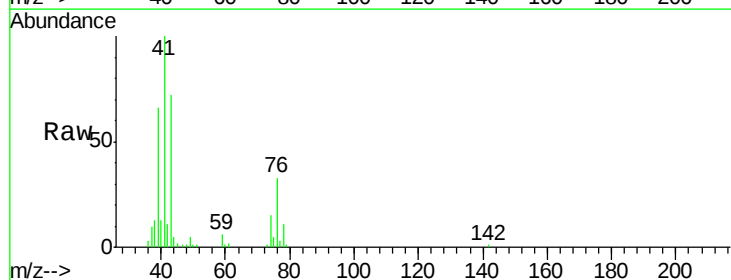
Tgt Ion: 41 Resp: 95569

Ion Ratio Lower Upper

41 100

39 63.0 49.6 74.4

76 29.5 22.2 33.4





#15

Acrylonitrile

Concen: 98.832 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampled :

VN0709WBSD02

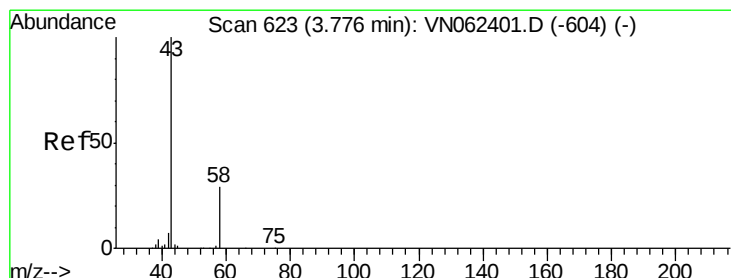
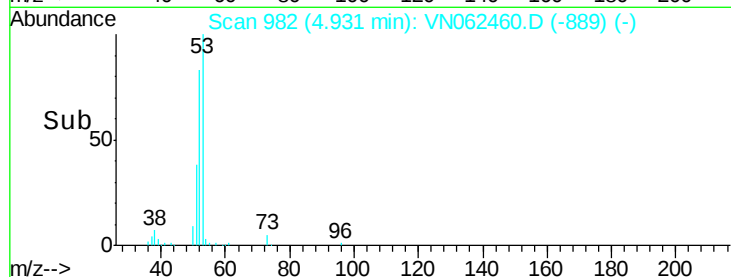
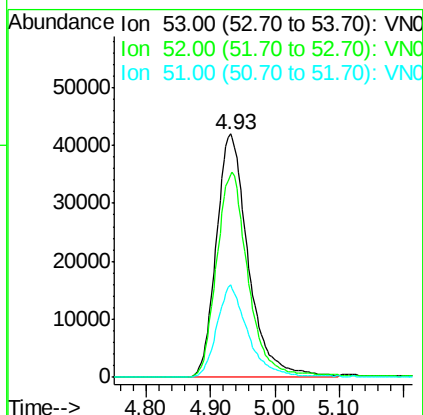
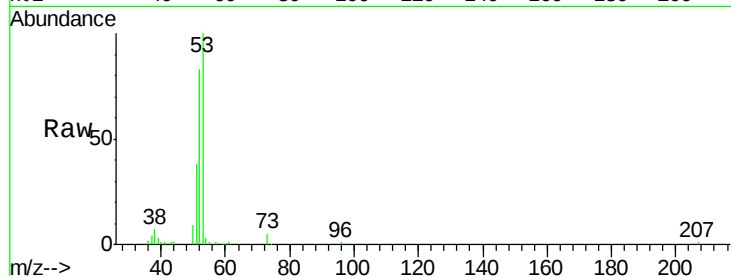
Tot Ion: 53 Resp: 145040

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.4

51 36.5 28.7 43.1



#16

Acetone

Concen: 88.721 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062460.D

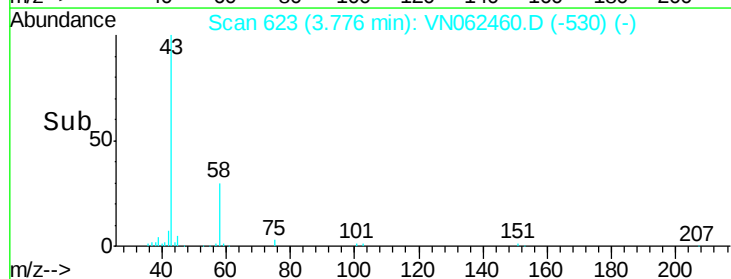
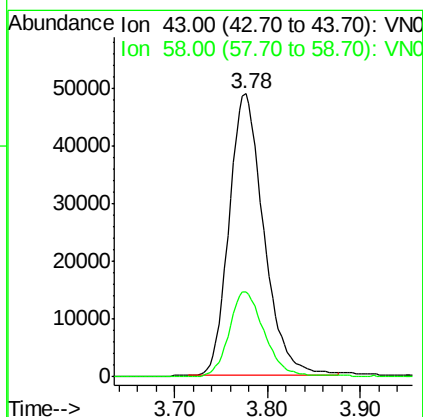
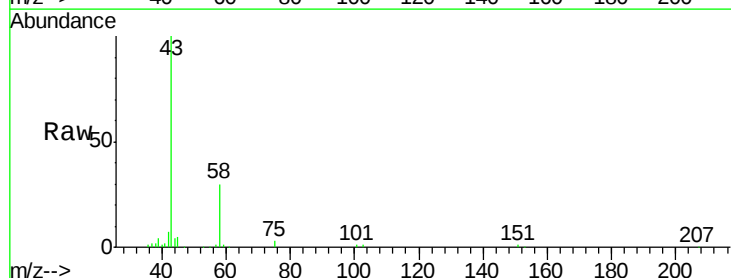
Acq: 9 Jul 2020 17:24

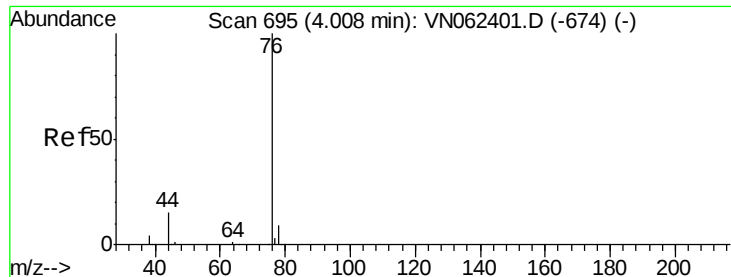
Tgt Ion: 43 Resp: 127060

Ion Ratio Lower Upper

43 100

58 30.0 23.5 35.3





#17

Carbon Disulfide

Concen: 17.360 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

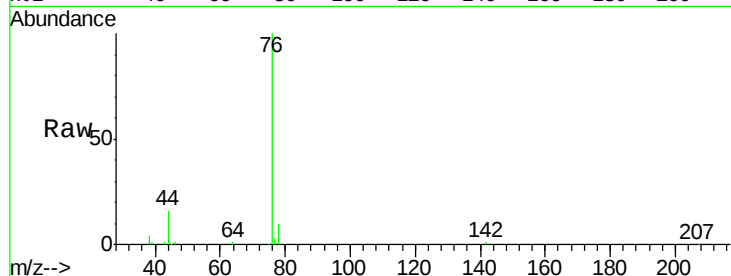
VN0709WBSD02

Tot Ion: 76 Resp: 122450

Ion Ratio Lower Upper

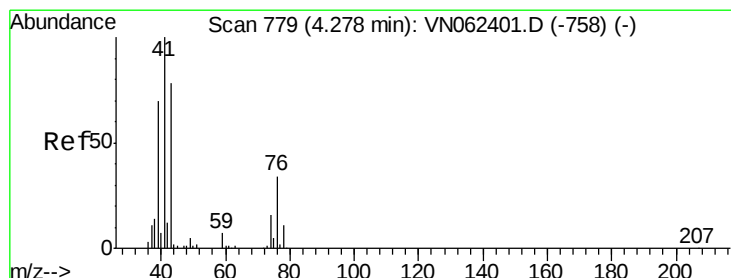
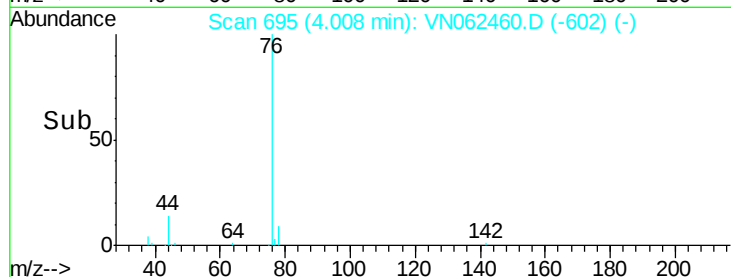
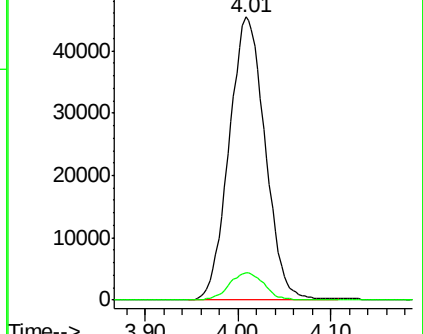
76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.037 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062460.D

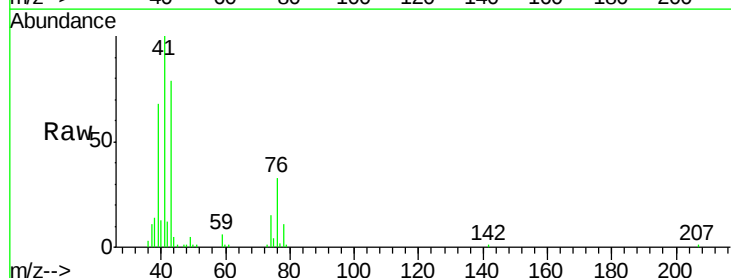
Acq: 9 Jul 2020 17:24

Tgt Ion: 43 Resp: 68039

Ion Ratio Lower Upper

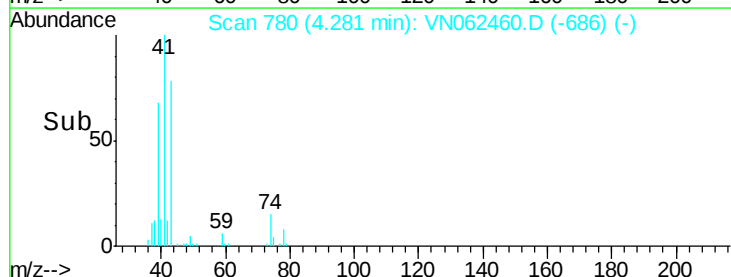
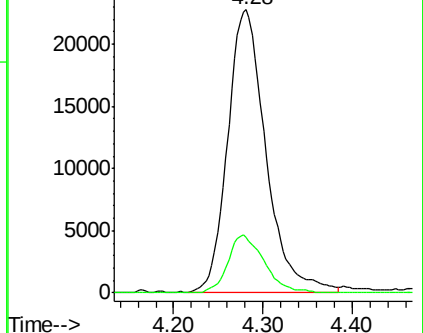
43 100

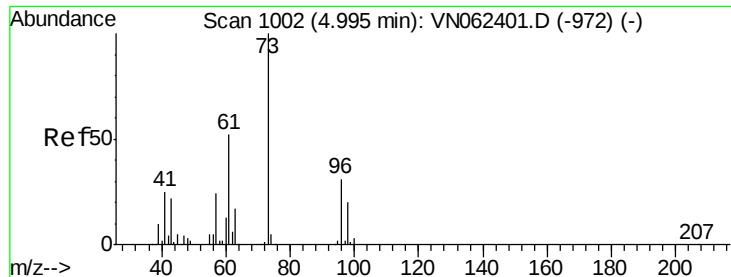
74 19.1 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

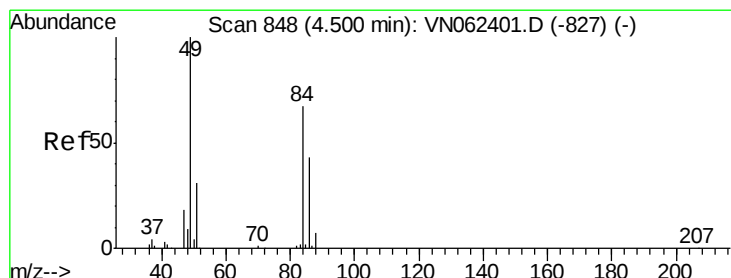
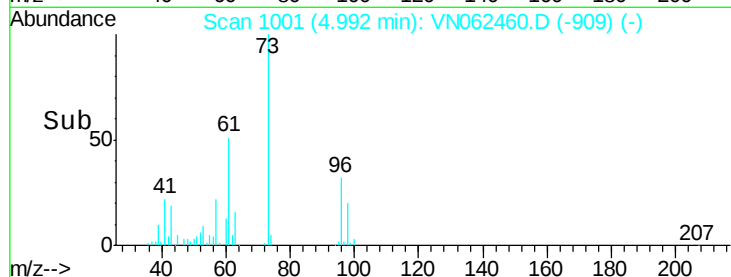
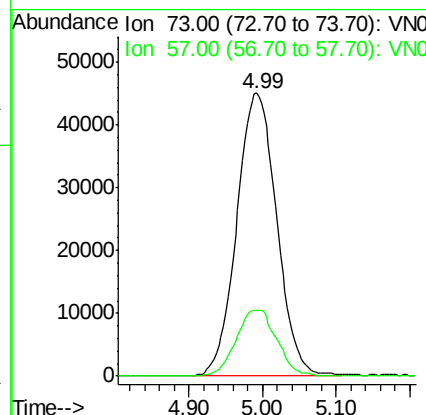
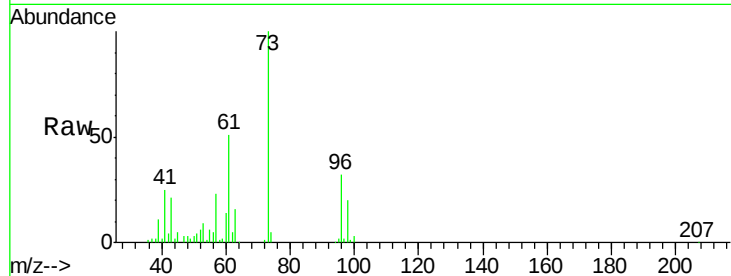




#19
Methvl tert-butvl Ether
Concen: 19.927 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

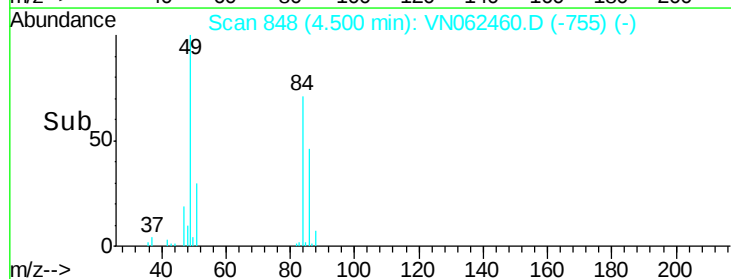
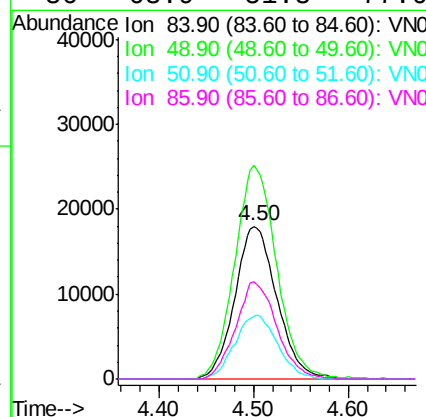
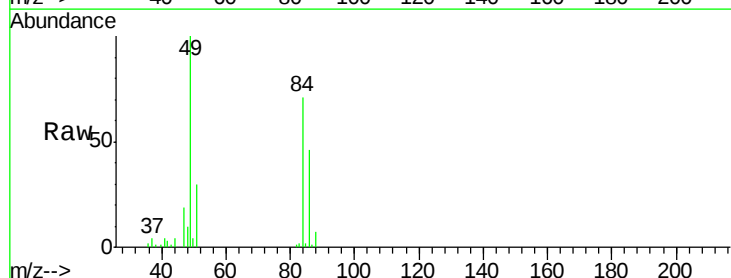
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

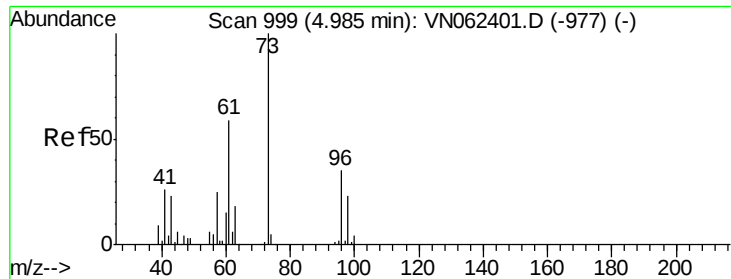
Tot Ion: 73 Resp: 170062
Ion Ratio Lower Upper
73 100
57 23.2 19.4 29.0



#20
Methylene Chloride
Concen: 18.090 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 84 Resp: 55392
Ion Ratio Lower Upper
84 100
49 140.0 120.0 180.0
51 41.3 37.0 55.6
86 63.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.738 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

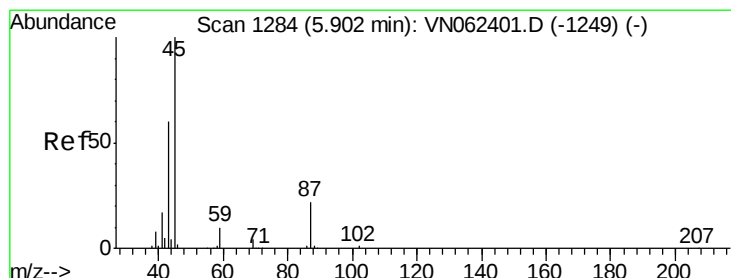
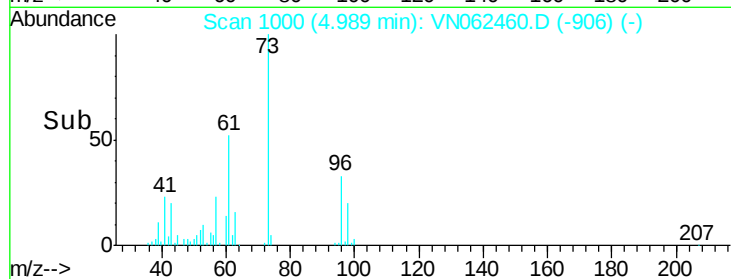
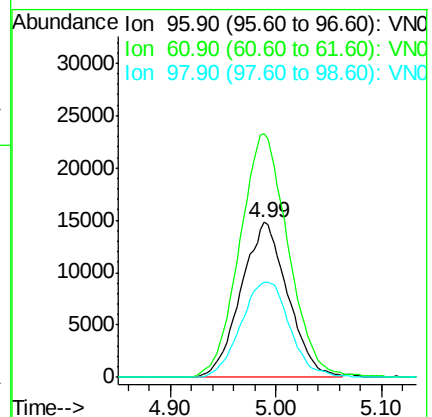
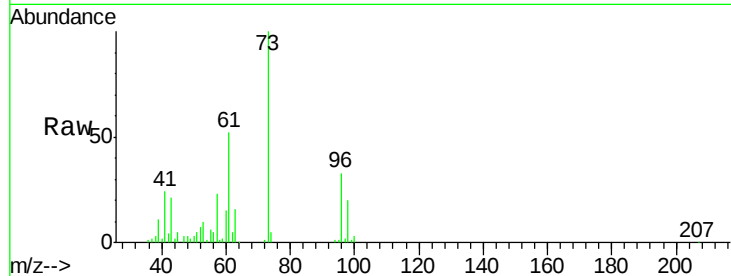
Tot Ion: 96 Resp: 45695

Ion Ratio Lower Upper

96 100

61 157.4 133.5 200.3

98 61.2 51.9 77.9



#22

Diisopropyl ether

Concen: 19.168 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion: 45 Resp: 200486

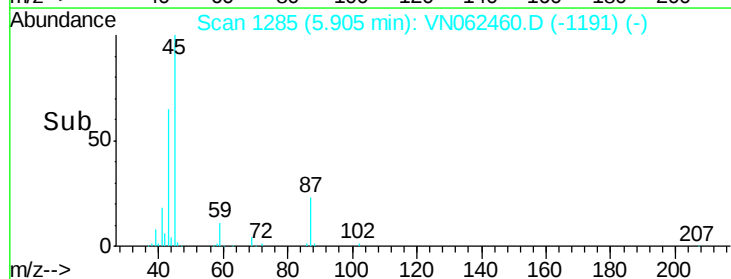
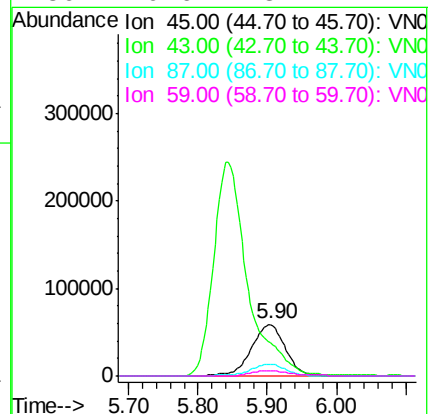
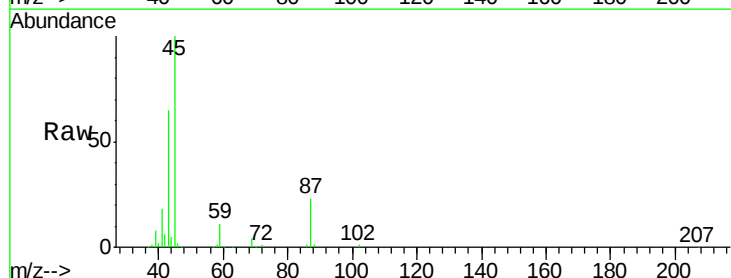
Ion Ratio Lower Upper

45 100

43 62.2 50.1 75.1

87 23.3 18.2 27.4

59 10.6 8.2 12.2





#23

Vinyl Acetate

Concen: 96.464 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampled :

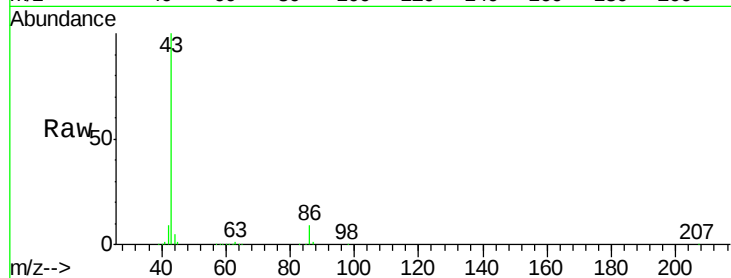
VN0709WBSD02

Tot Ion: 43 Resp: 835798

Ion Ratio Lower Upper

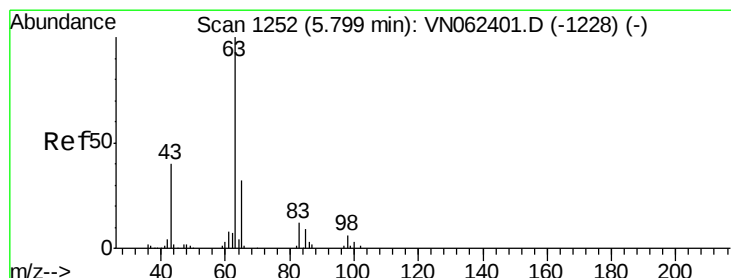
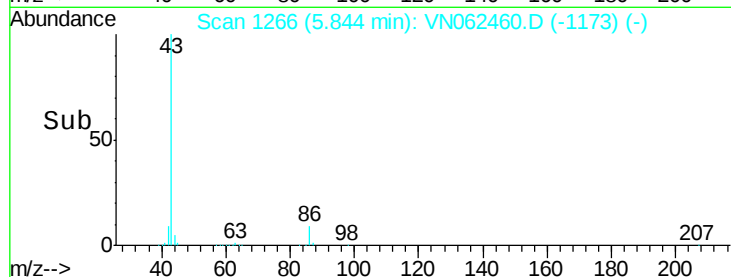
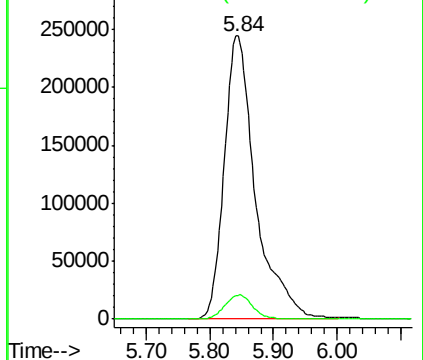
43 100

86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.060 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

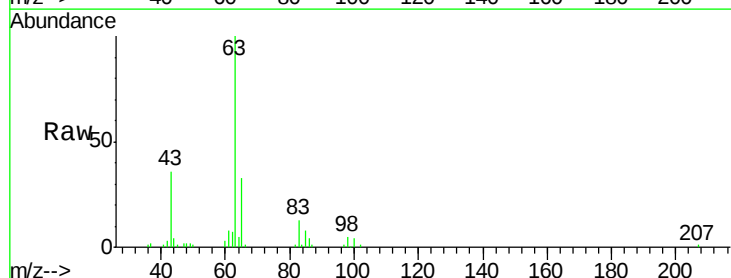
Tgt Ion: 63 Resp: 103014

Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.8

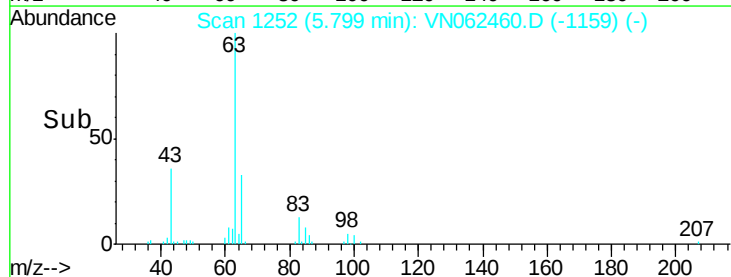
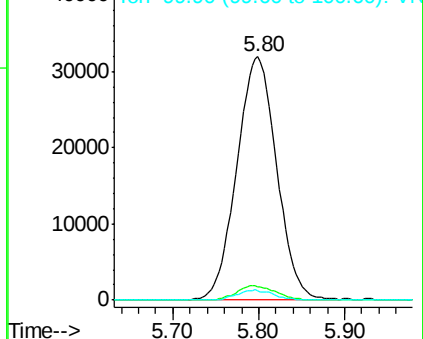
100 4.0 1.8 5.3

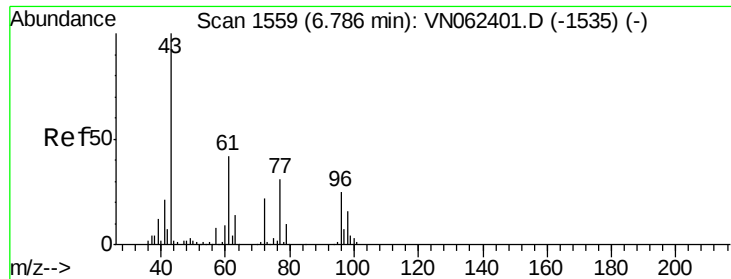


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 95.030 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

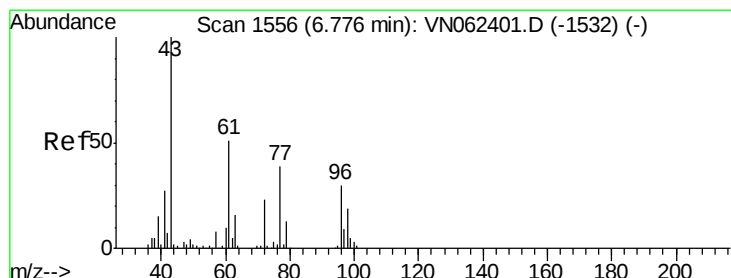
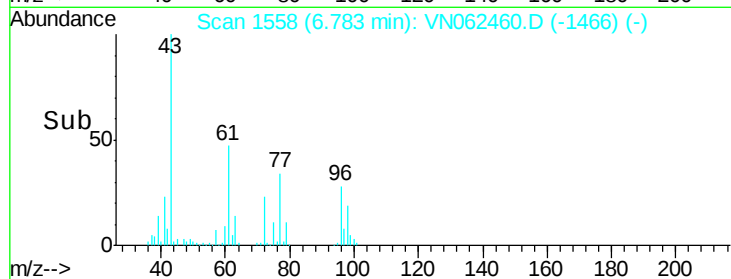
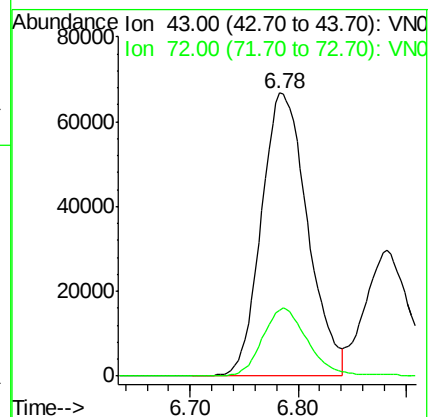
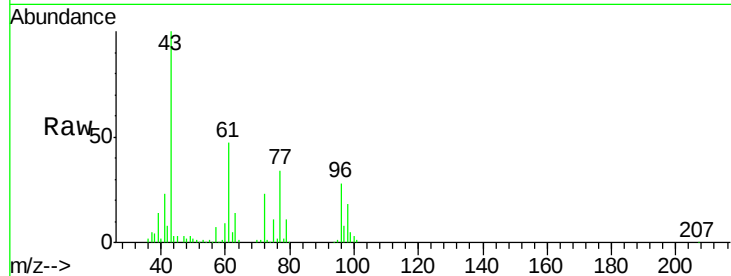
VN0709WBSD02

Tot Ion: 43 Resp: 198759

Ion Ratio Lower Upper

43 100

72 23.3 17.9 26.9



#26

2,2-Dichloropropane

Concen: 19.072 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062460.D

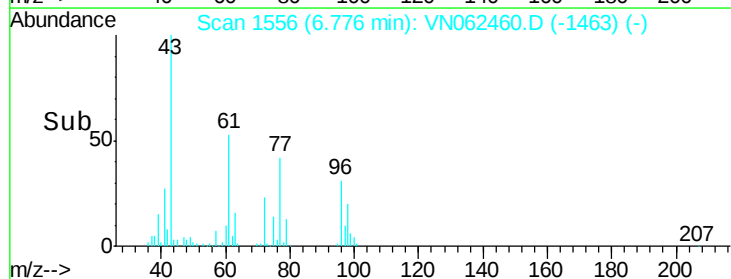
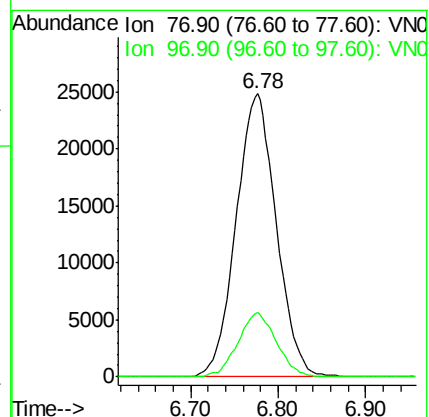
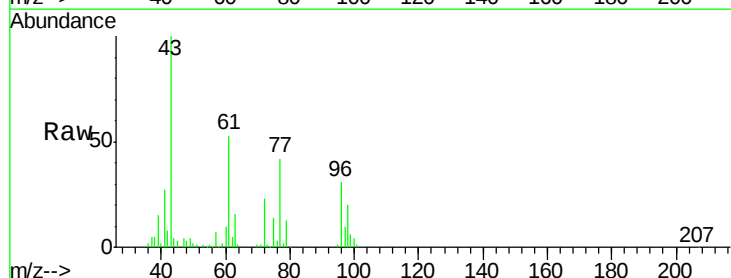
Acq: 9 Jul 2020 17:24

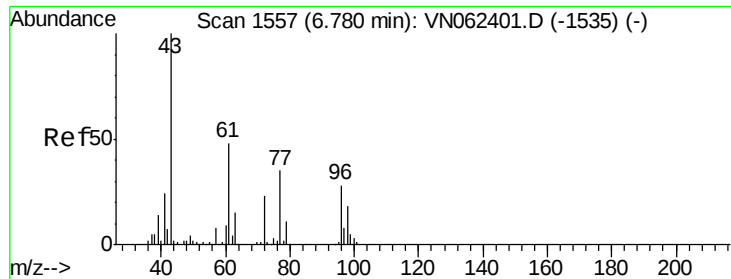
Tgt Ion: 77 Resp: 79034

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.767 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

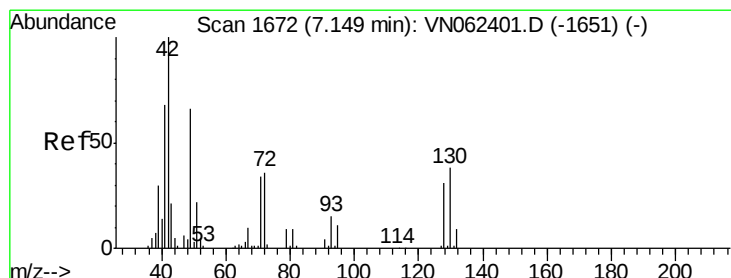
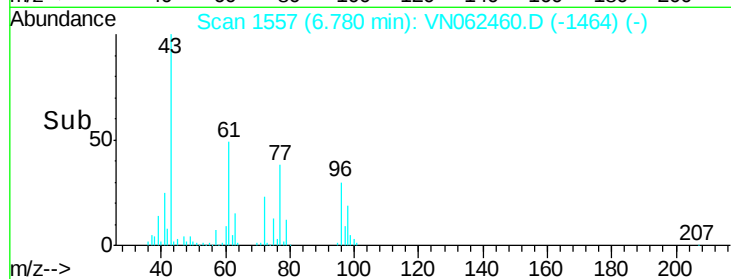
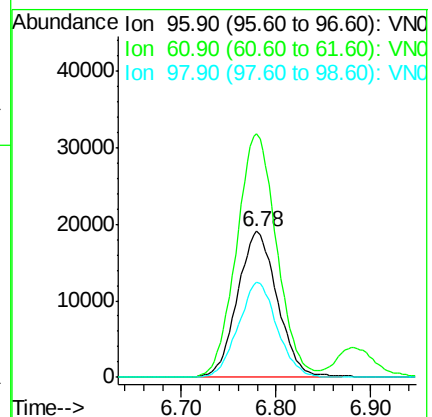
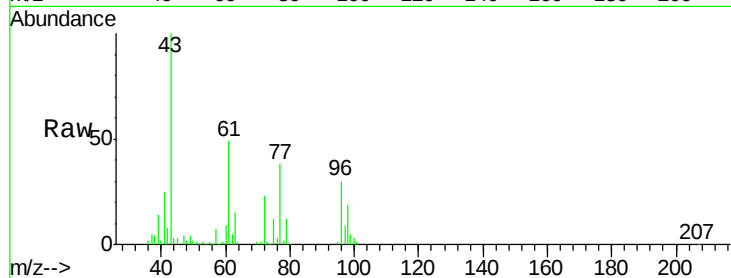
Tot Ion: 96 Resp: 55835

Ion Ratio Lower Upper

96 100

61 167.4 0.0 343.4

98 63.2 0.0 128.4



#28

Bromochloromethane

Concen: 19.327 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

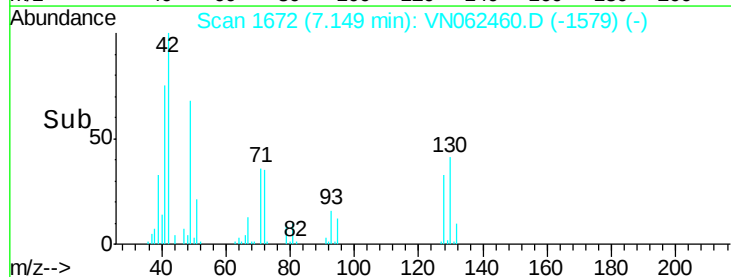
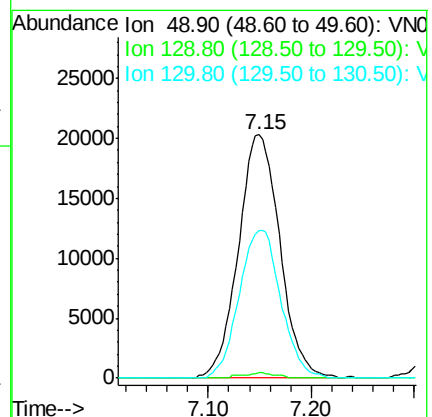
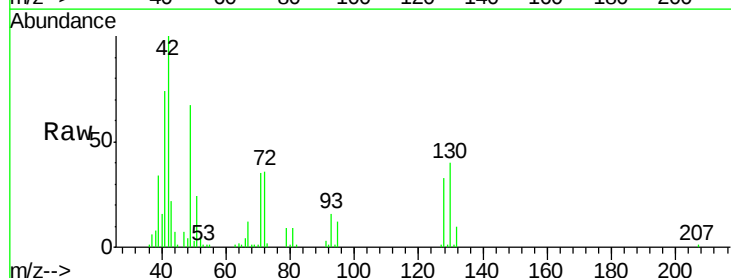
Tgt Ion: 49 Resp: 56750

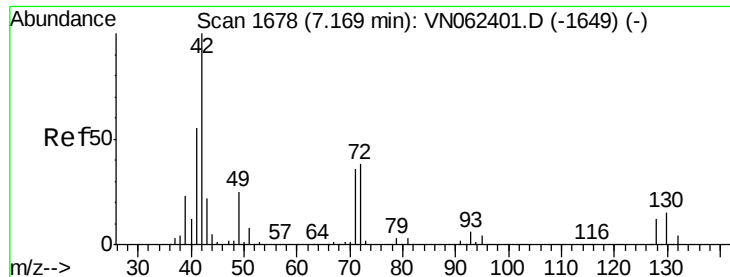
Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.8

130 61.0 46.5 69.7





#29

Tetrahydrofuran

Concen: 97.534 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

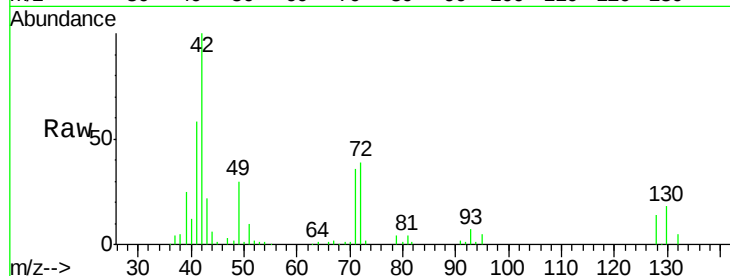
Tot Ion: 42 Resp: 137342

Ion Ratio Lower Upper

42 100

72 38.0 29.1 43.7

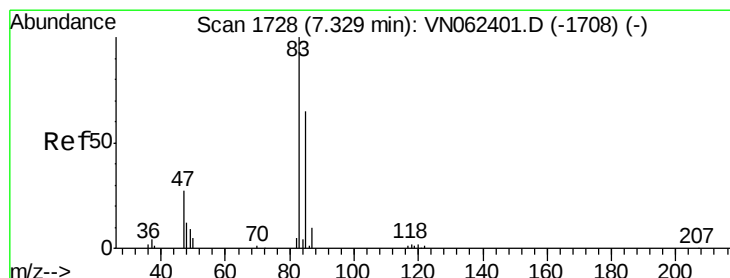
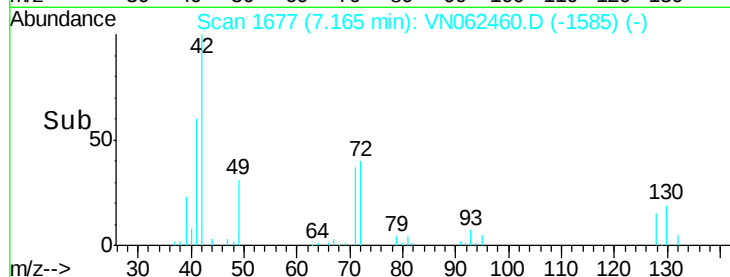
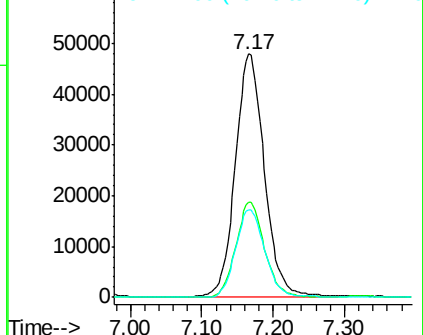
71 35.9 28.1 42.1



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.556 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062460.D

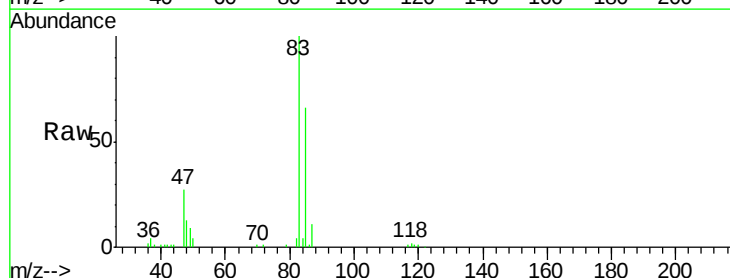
Acq: 9 Jul 2020 17:24

Tgt Ion: 83 Resp: 95432

Ion Ratio Lower Upper

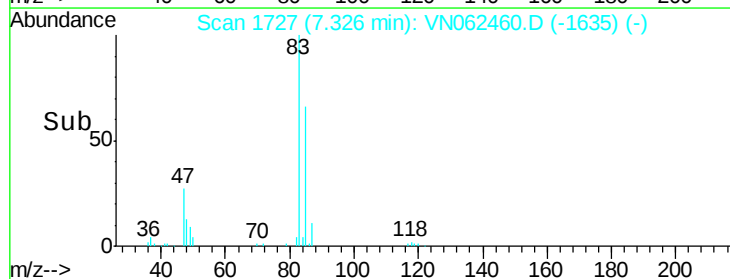
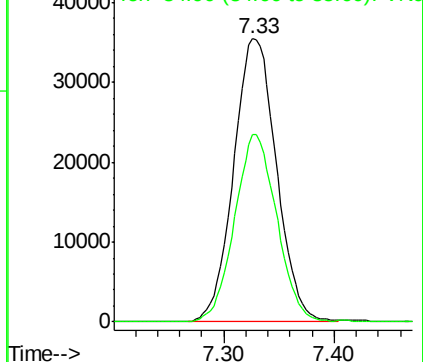
83 100

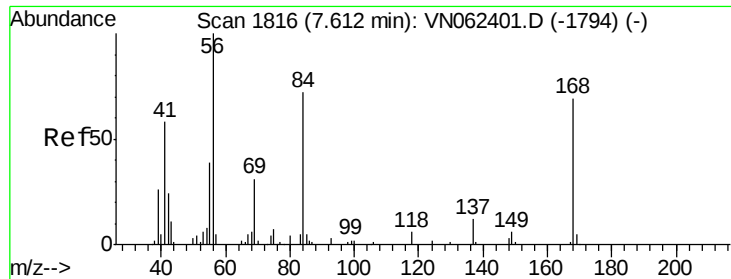
85 66.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

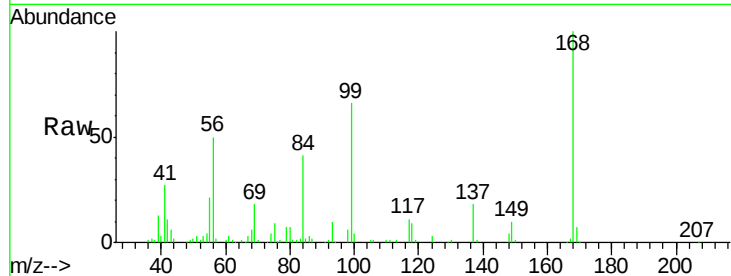




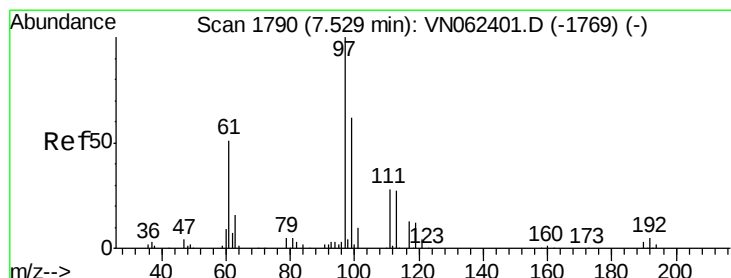
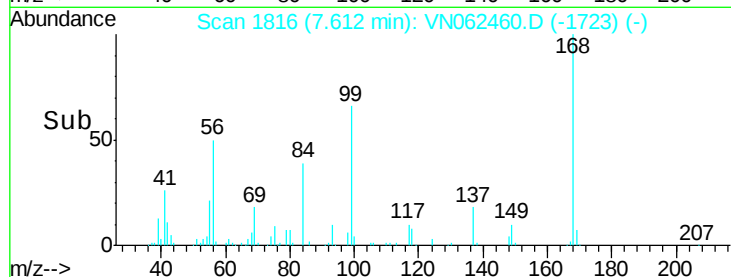
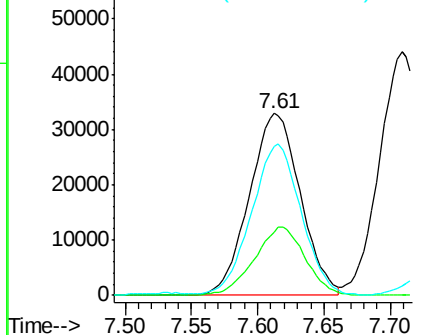
#31
Cyclohexane
Concen: 17.193 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion: 56 Resp: 88091
Ion Ratio Lower Upper
56 100
69 35.0 24.5 36.7
84 81.2 57.4 86.2

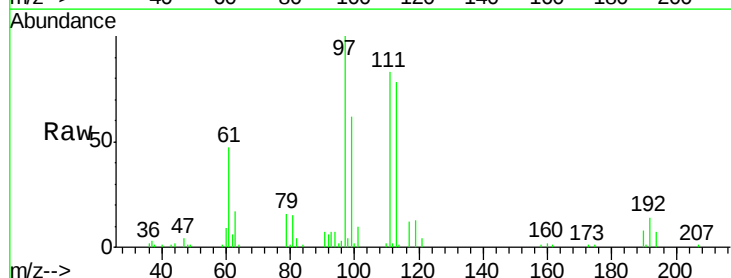


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

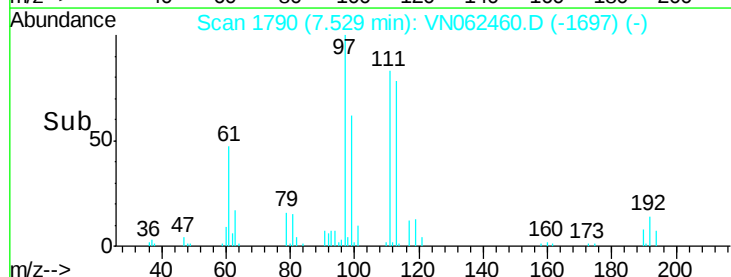
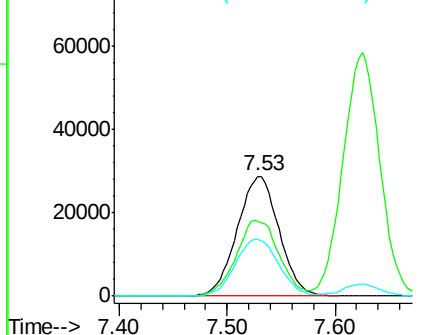


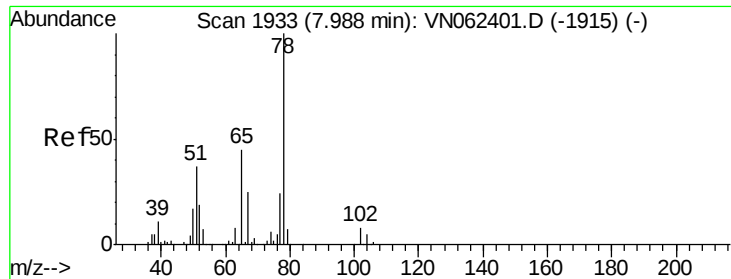
#32
1,1,1-Trichloroethane
Concen: 19.129 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 97 Resp: 77647
Ion Ratio Lower Upper
97 100
99 65.0 50.4 75.6
61 49.0 39.9 59.9



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





#33

1,2-Dichloroethane-d4

Concen: 50.808 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

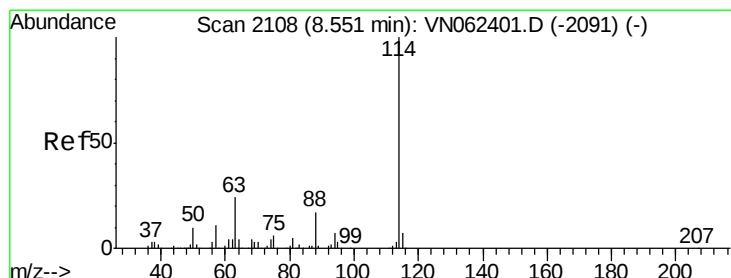
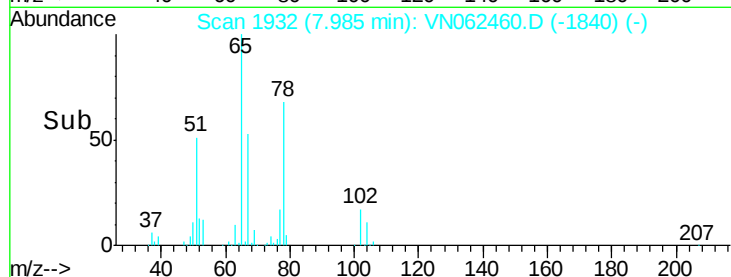
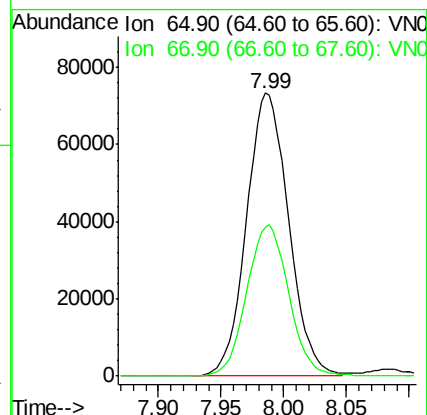
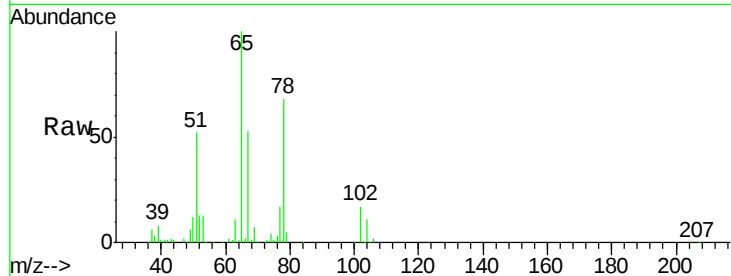
VN0709WBSD02

Tot Ion: 65 Resp: 171388

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

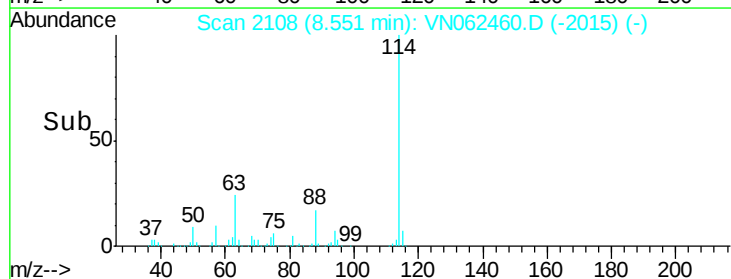
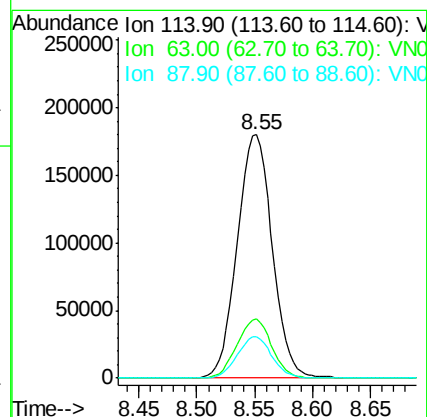
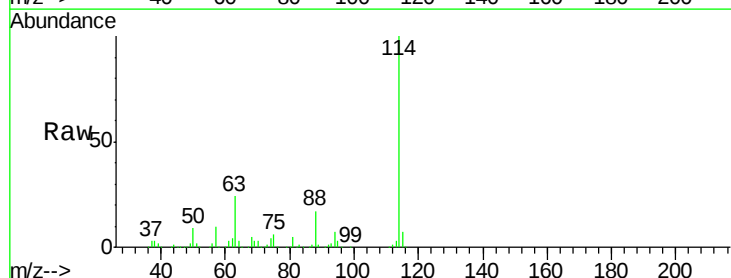
Tgt Ion: 114 Resp: 377673

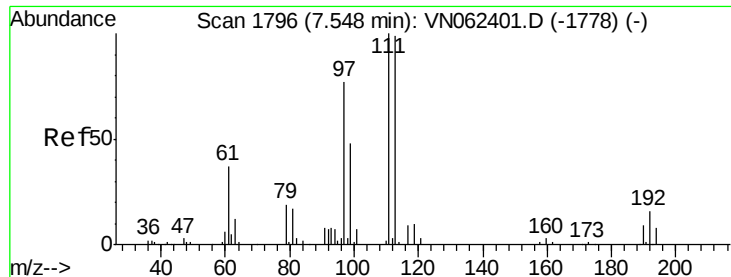
Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.4

88 17.1 0.0 33.8

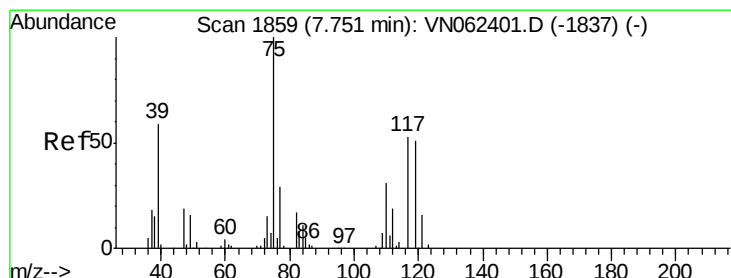
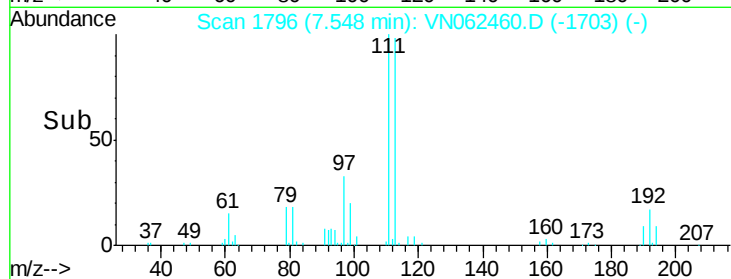
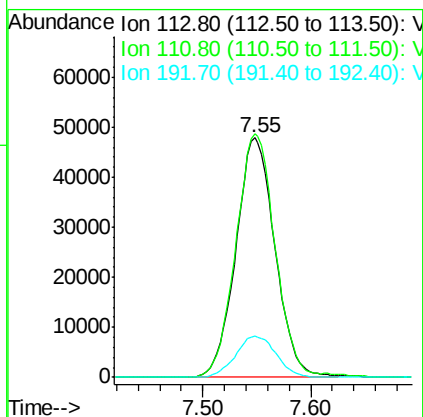
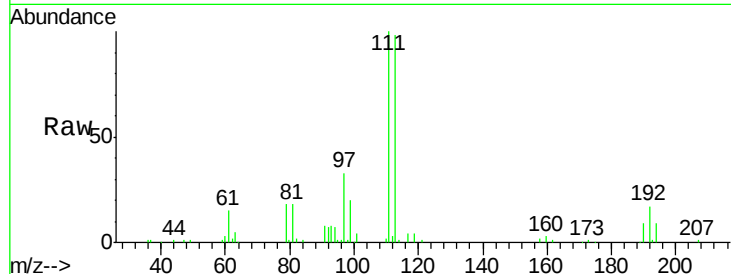




#35
 Dibromofluoromethane
 Concen: 51.669 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

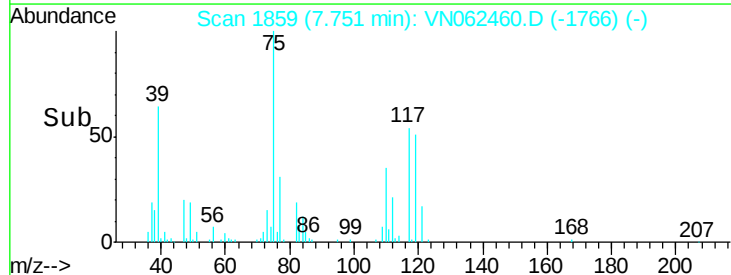
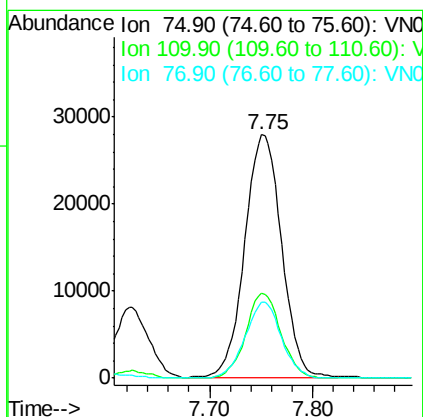
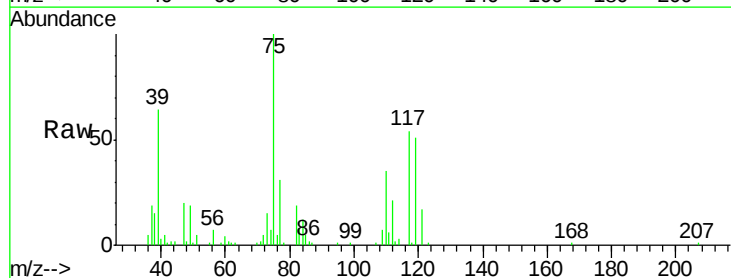
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

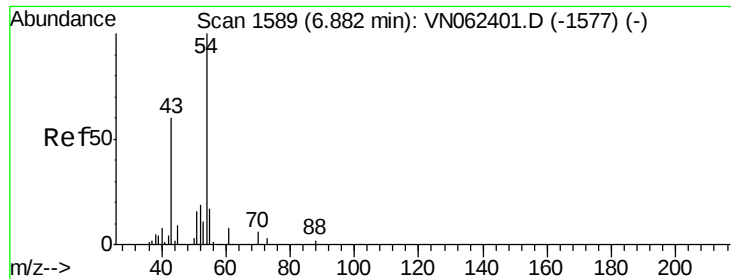
Tot Ion:113 Resp: 120623
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.1 124.7
 192 17.7 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 18.336 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion: 75 Resp: 69767
 Ion Ratio Lower Upper
 75 100
 110 32.9 15.4 46.2
 77 30.5 24.1 36.1

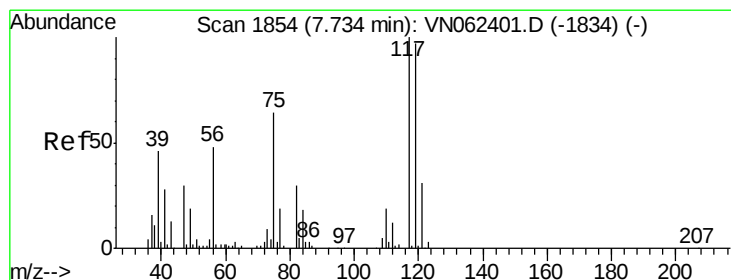
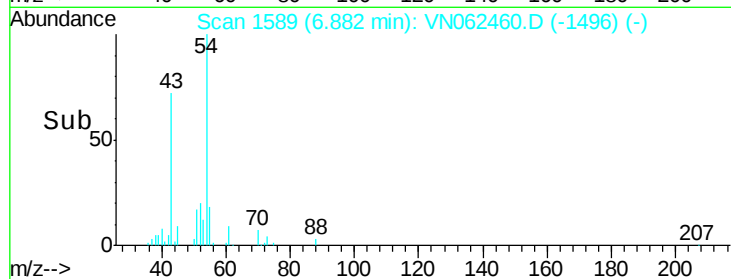
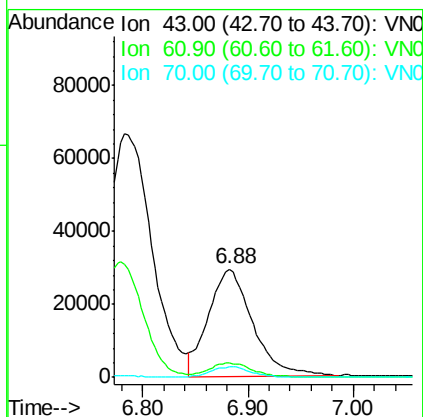
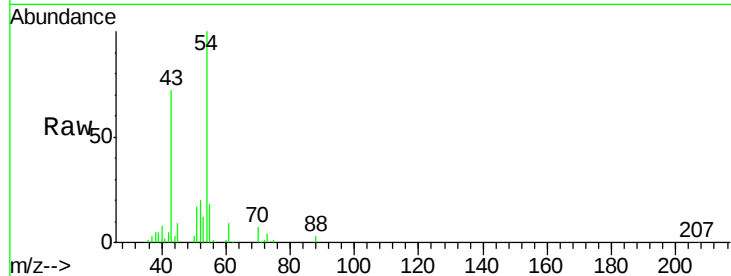




#37
Ethyl Acetate
Concen: 19.084 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

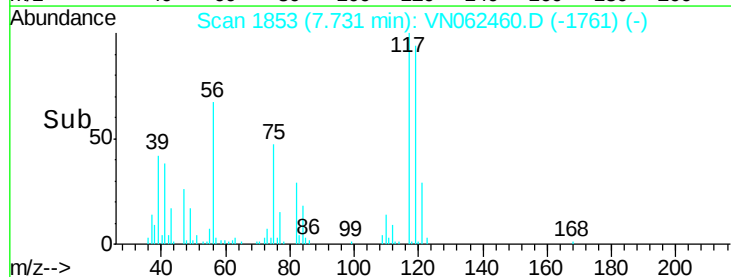
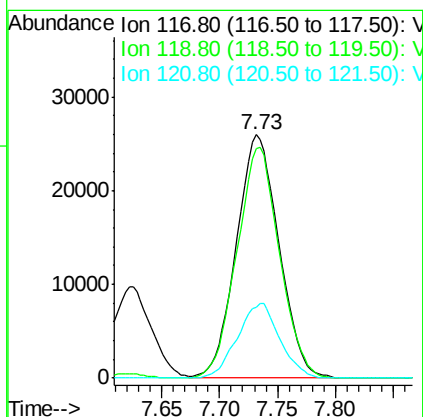
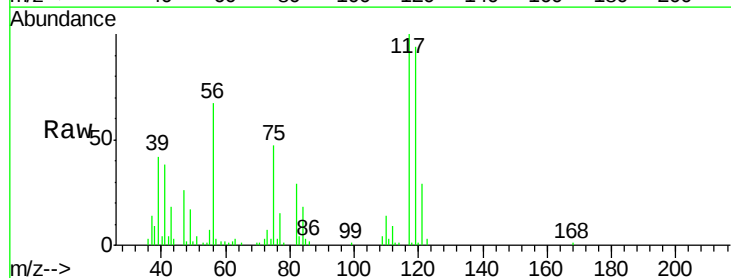
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

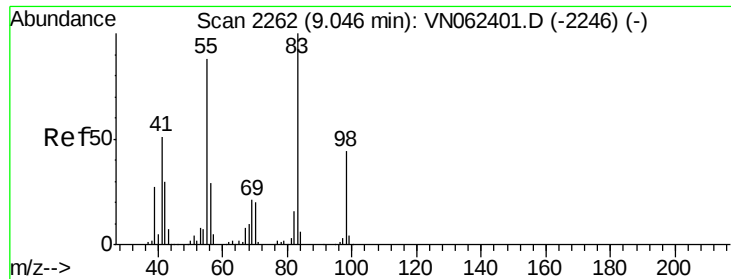
Tot Ion: 43 Resp: 84910
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.414 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 117 Resp: 66411
Ion Ratio Lower Upper
117 100
119 94.3 77.2 115.8
121 29.3 24.8 37.2

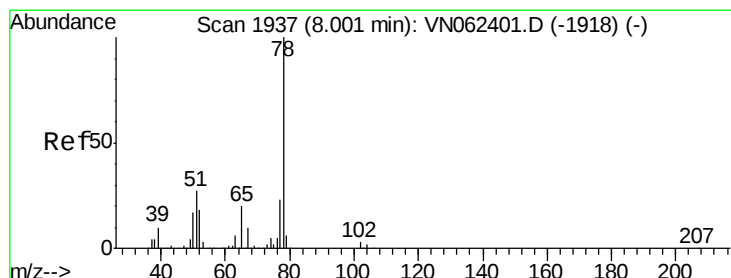
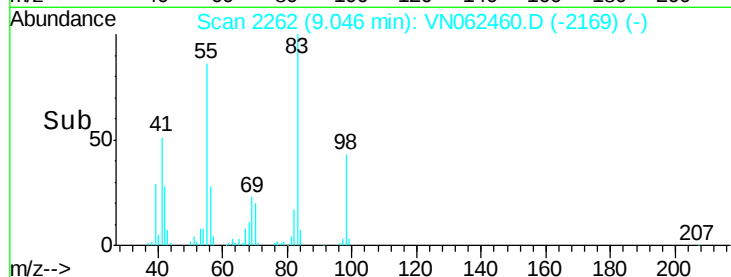
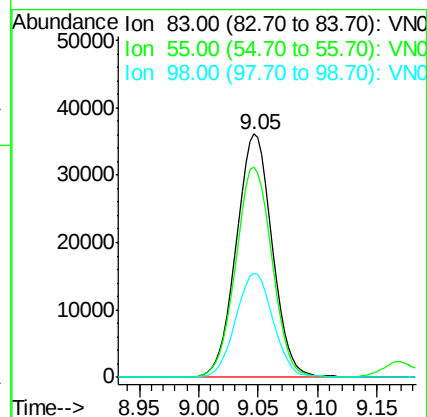
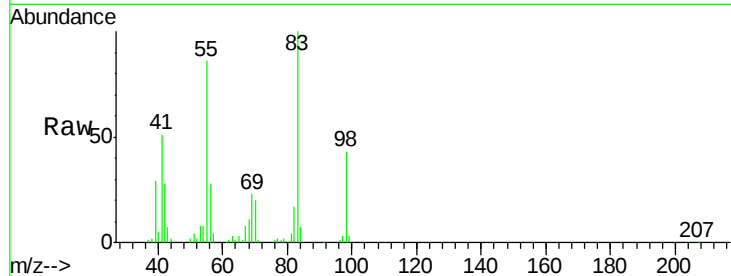




#39
Methvlcvclohexane
Concen: 18.678 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

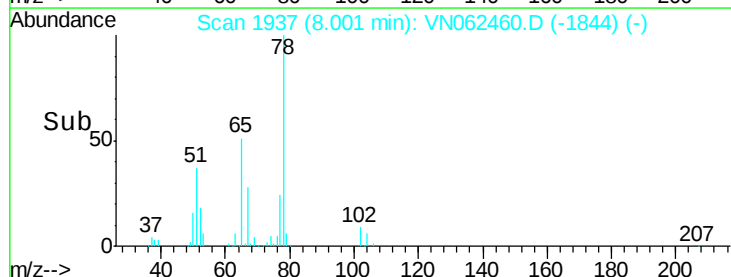
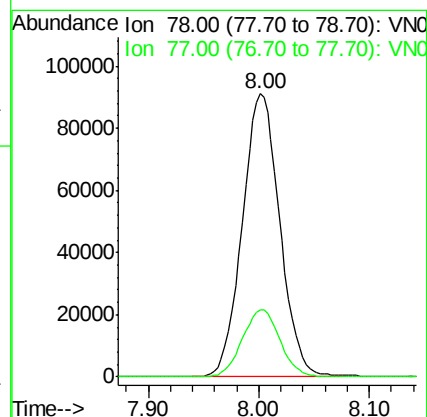
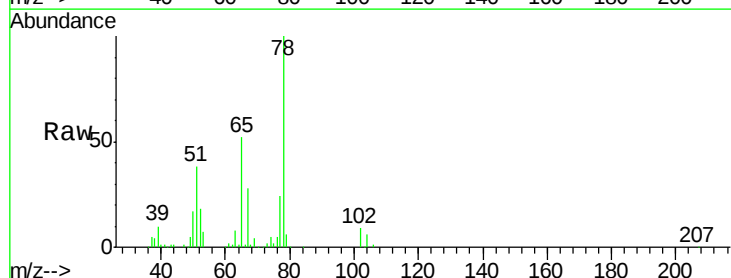
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

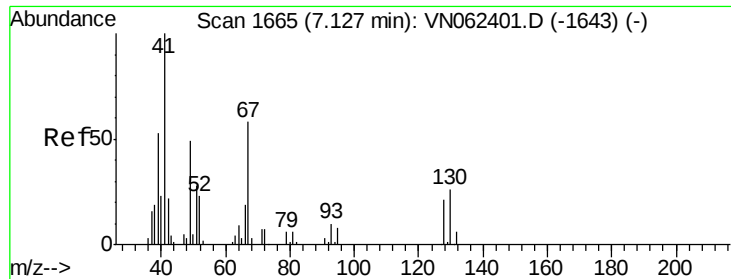
Tot Ion: 83 Resp: 75875
Ion Ratio Lower Upper
83 100
55 86.4 70.5 105.7
98 42.9 35.5 53.3



#40
Benzene
Concen: 19.082 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 78 Resp: 213990
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1

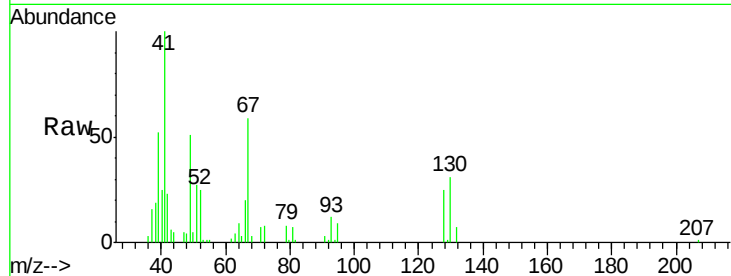




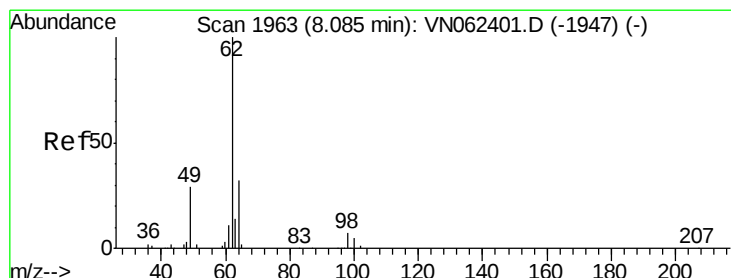
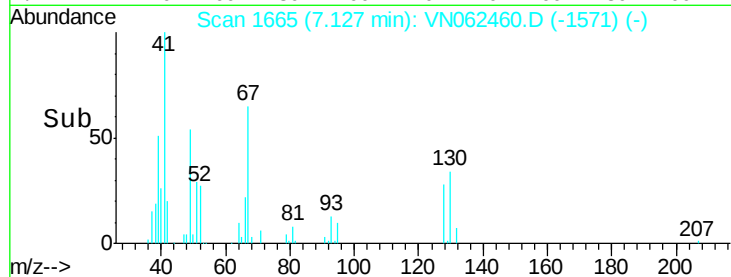
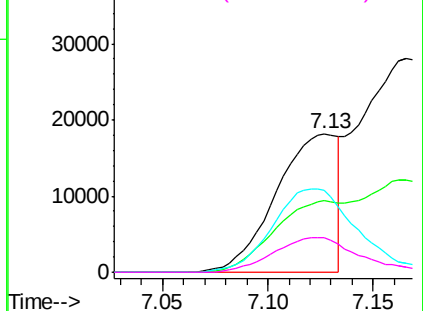
#41
Methacrylonitrile
Concen: 19.915 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion:	41	Resp:	37020
Ion	Ratio	Lower	Upper
41	100		
39	52.9	50.2	75.2
67	83.4	64.2	96.2
52	34.8	28.0	42.0

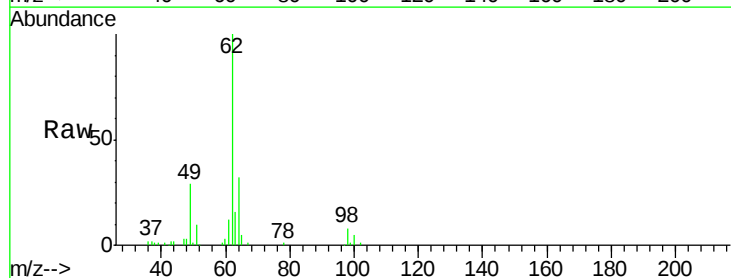


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

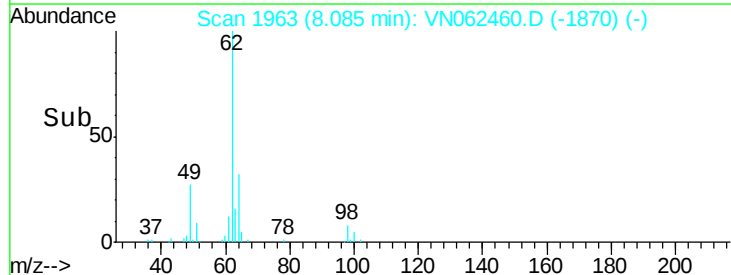
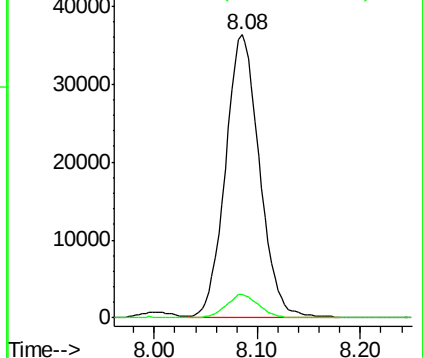


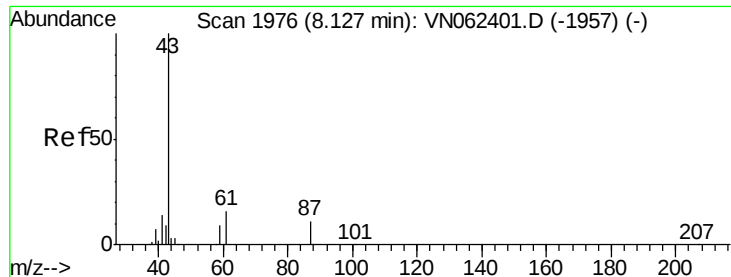
#42
1,2-Dichloroethane
Concen: 20.422 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion:	62	Resp:	83858
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 19.555 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

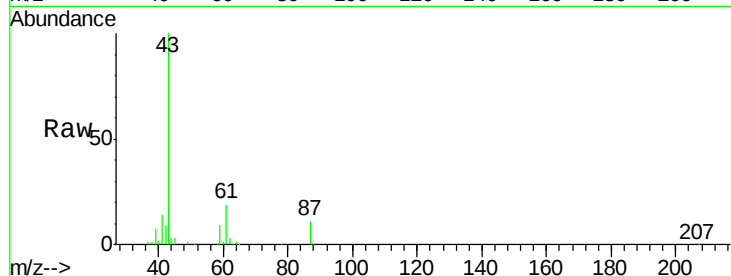
Tot Ion: 43 Resp: 137442

Ion Ratio Lower Upper

43 100

61 19.8 19.3 28.9

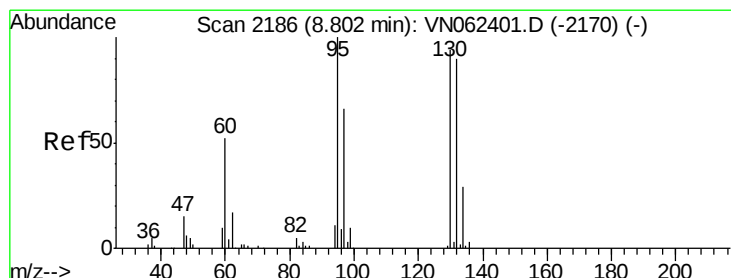
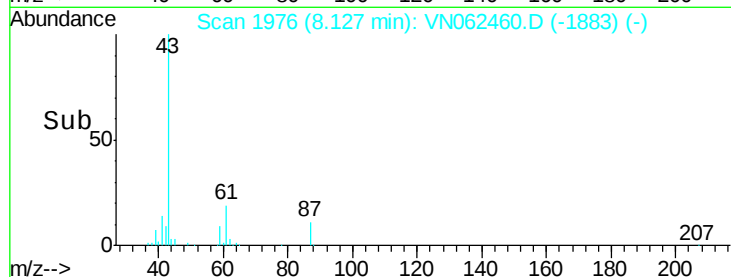
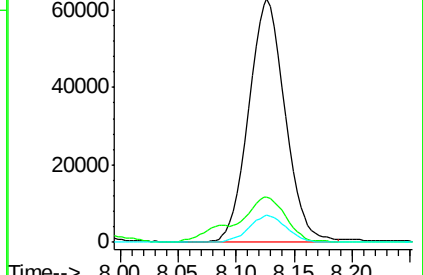
87 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062460.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062460.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062460.D (-1957) (-)



#44

Trichloroethene

Concen: 19.261 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062460.D

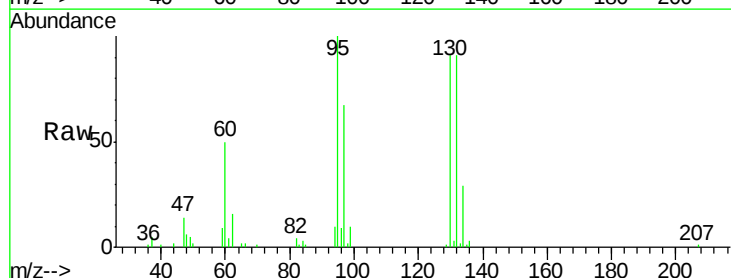
Acq: 9 Jul 2020 17:24

Tgt Ion:130 Resp: 47923

Ion Ratio Lower Upper

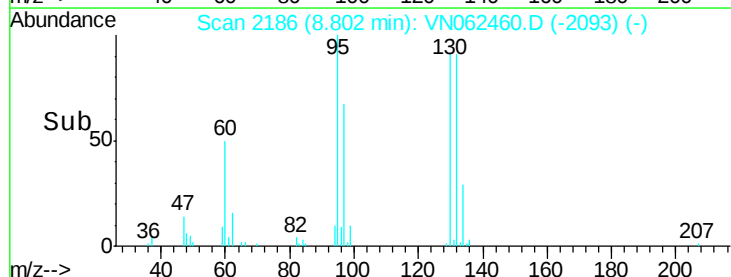
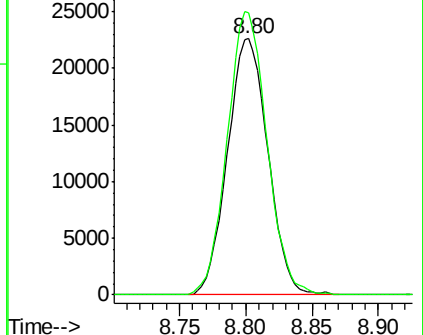
130 100

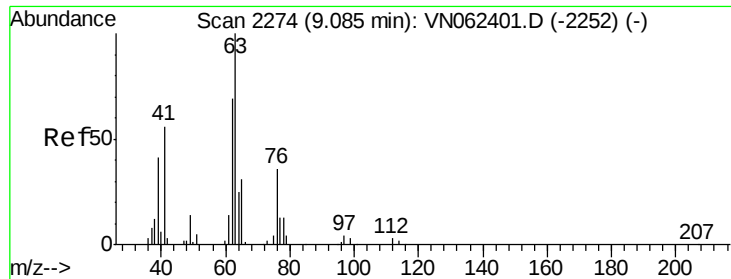
95 110.2 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062460.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062460.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 18.991 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

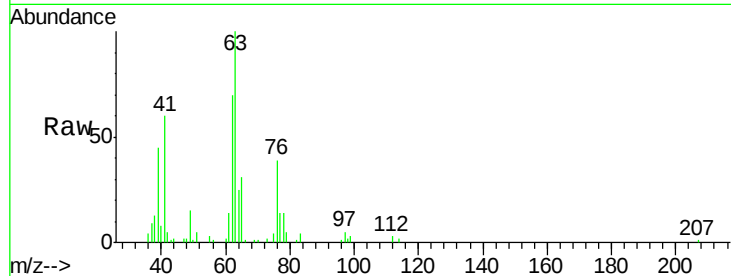
VN0709WBSD02

Tot Ion: 63 Resp: 61823

Ion Ratio Lower Upper

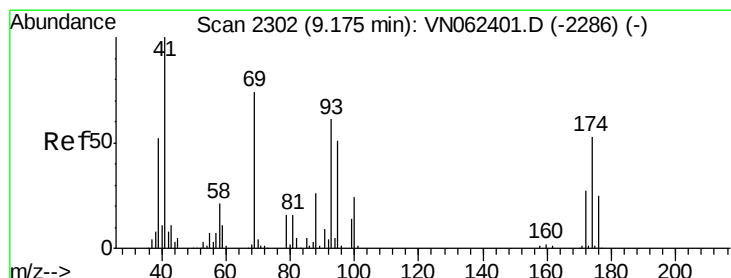
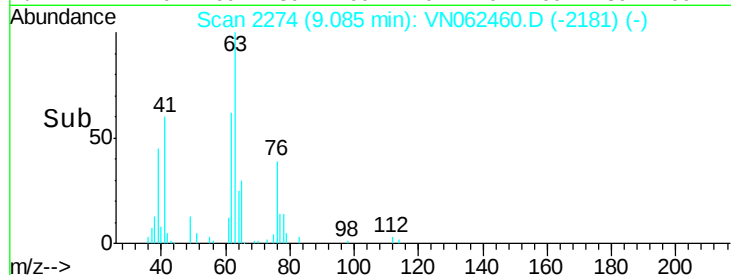
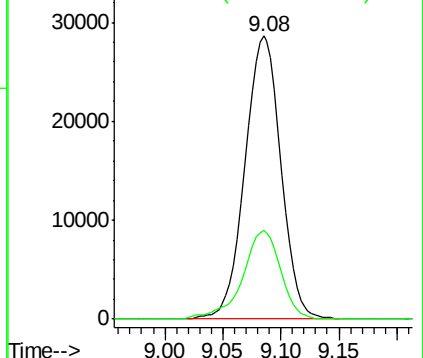
63 100

65 31.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.890 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

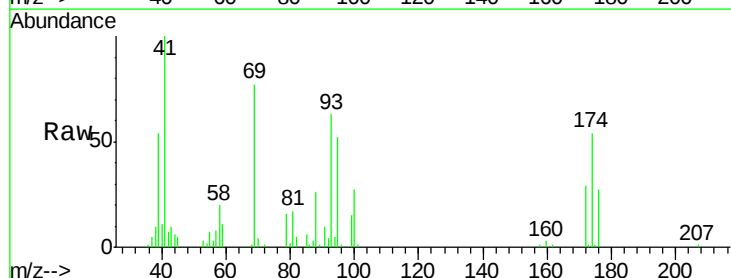
Tgt Ion: 93 Resp: 36540

Ion Ratio Lower Upper

93 100

95 82.8 67.1 100.7

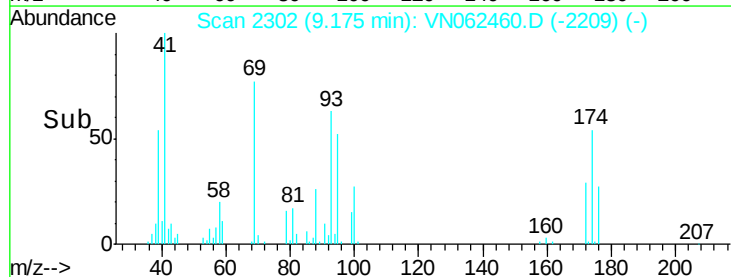
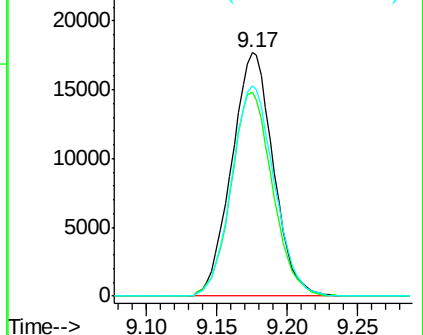
174 88.1 70.4 105.6

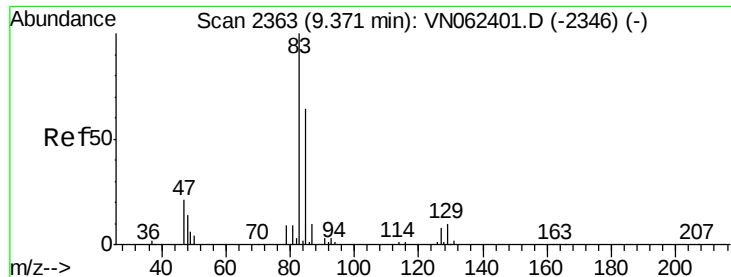


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

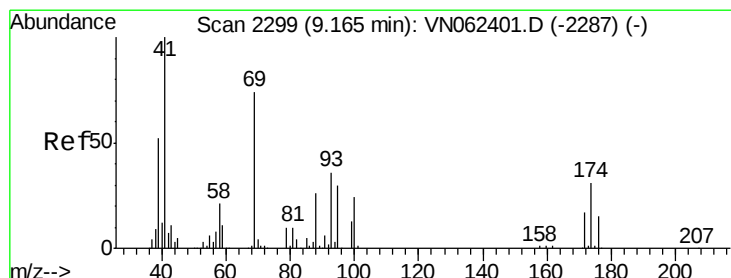
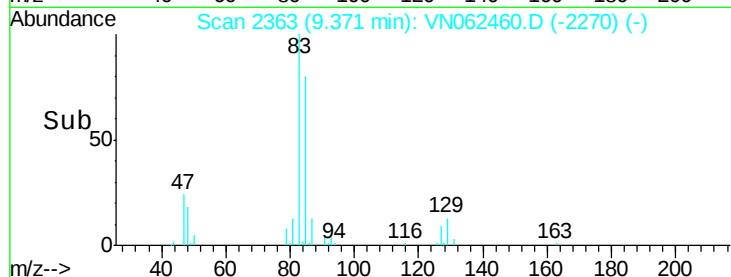
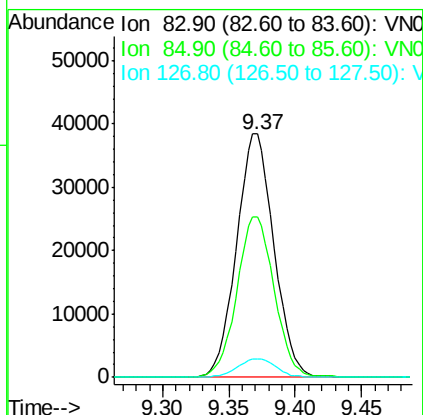
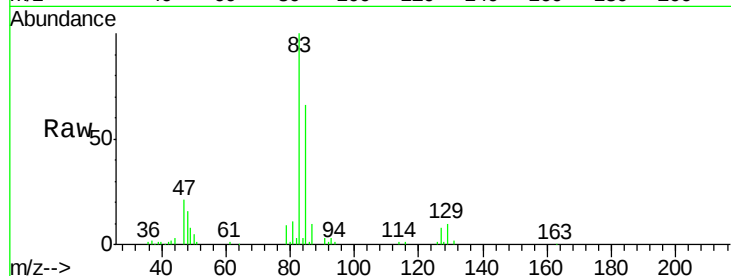




#47
Bromodichloromethane
Concen: 19.153 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

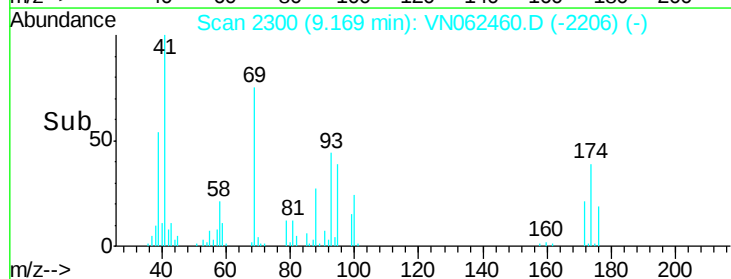
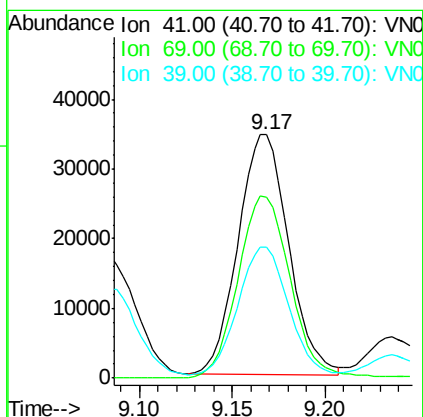
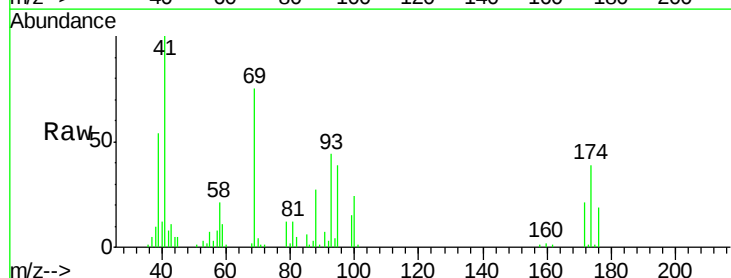
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

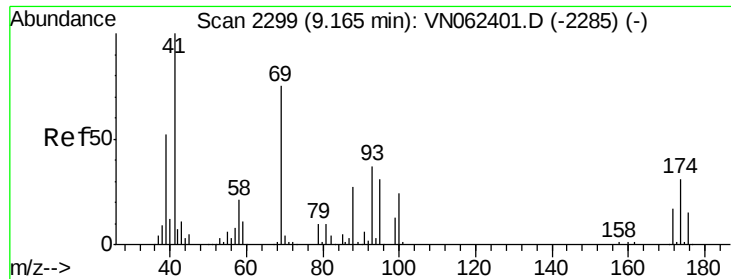
Tot Ion: 83 Resp: 75227
Ion Ratio Lower Upper
83 100
85 66.0 51.2 76.8
127 7.8 6.2 9.2



#48
Methyl methacrylate
Concen: 18.991 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 41 Resp: 65474
Ion Ratio Lower Upper
41 100
69 78.8 60.8 91.2
39 56.1 43.5 65.3





#49

1,4-Dioxane

Concen: 400.979 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

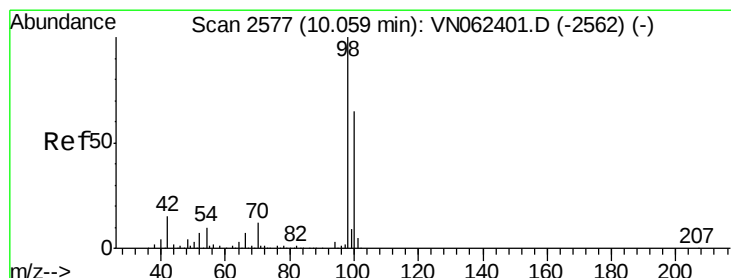
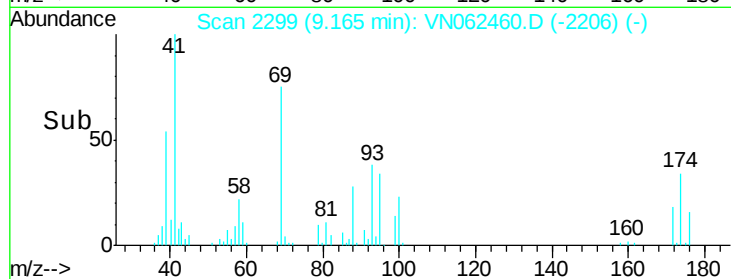
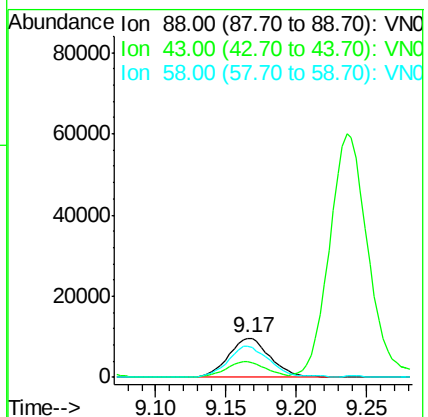
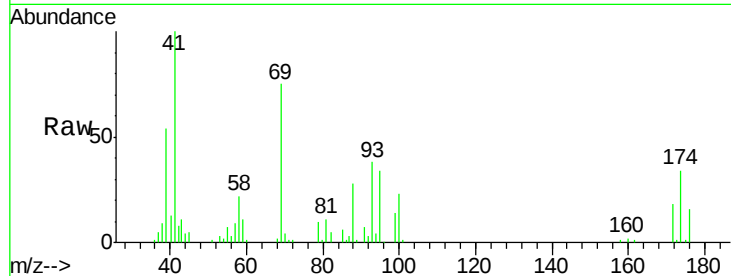
Tot Ion: 88 Resp: 20122

Ion Ratio Lower Upper

88 100

43 38.1 31.0 46.4

58 79.5 63.3 94.9



#50

Toluene-d8

Concen: 50.437 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062460.D

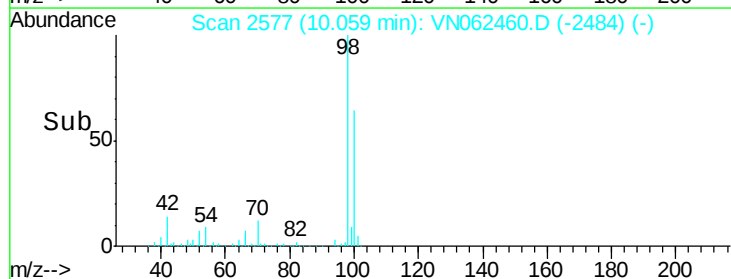
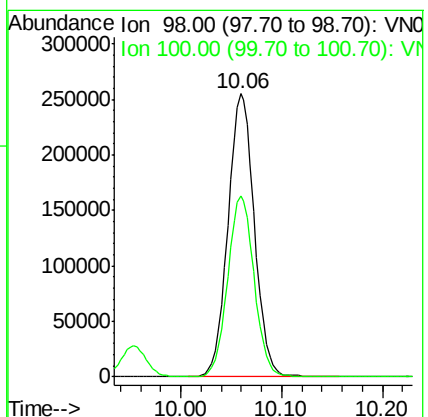
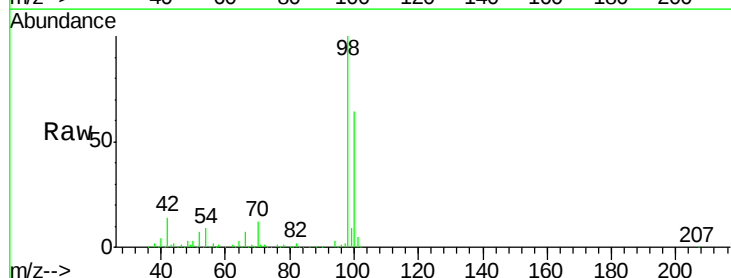
Acq: 9 Jul 2020 17:24

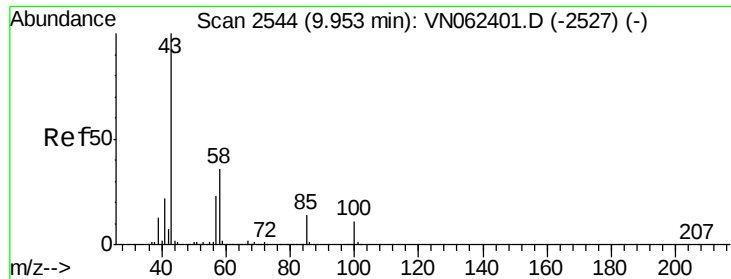
Tgt Ion: 98 Resp: 464828

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 98.952 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

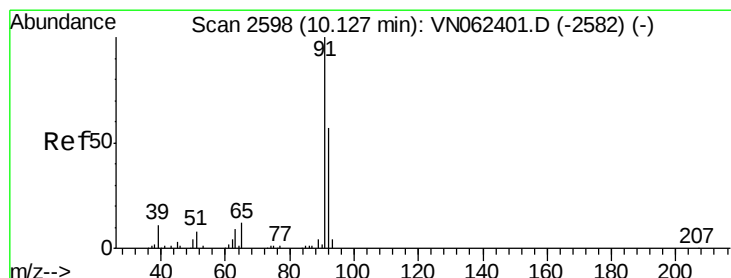
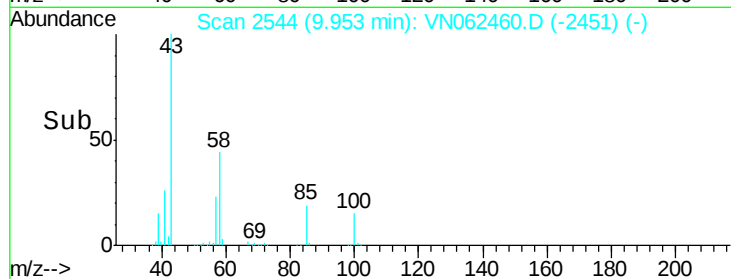
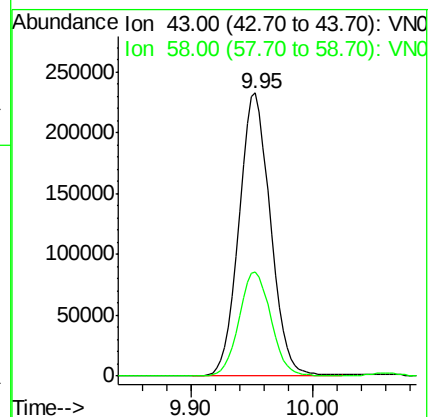
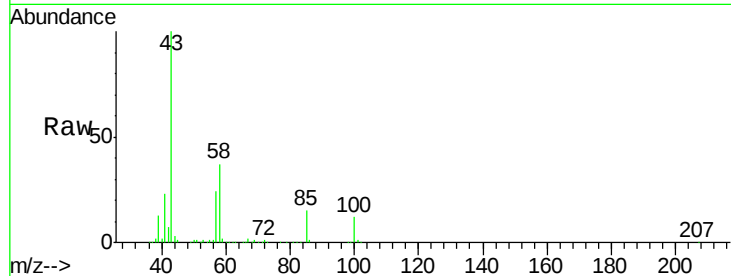
VN0709WBSD02

Tot Ion: 43 Resp: 415401

Ion Ratio Lower Upper

43 100

58 37.3 29.0 43.6



#52

Toluene

Concen: 19.512 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062460.D

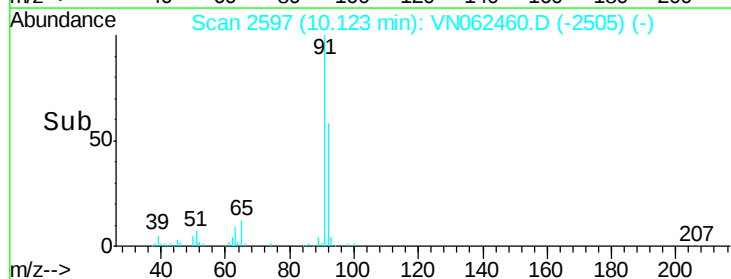
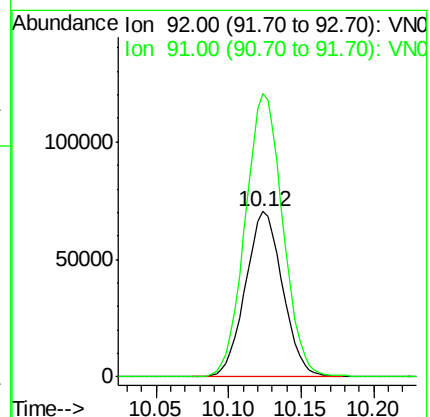
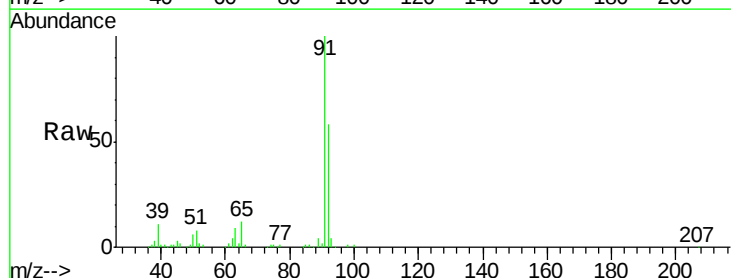
Acq: 9 Jul 2020 17:24

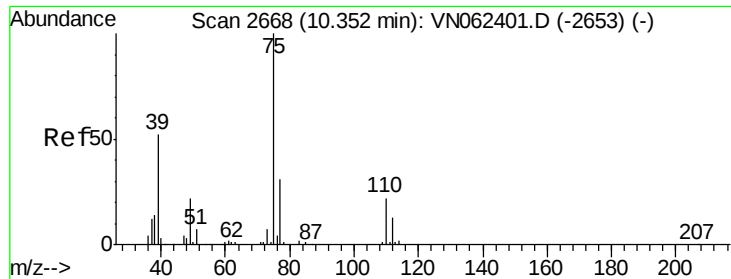
Tgt Ion: 92 Resp: 126391

Ion Ratio Lower Upper

92 100

91 172.5 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 19.519 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampled :

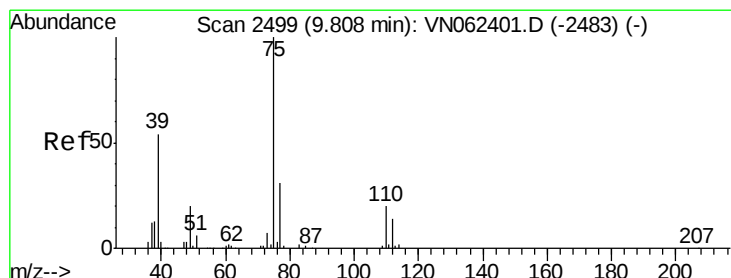
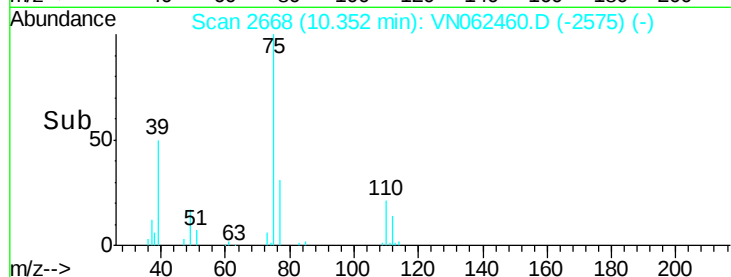
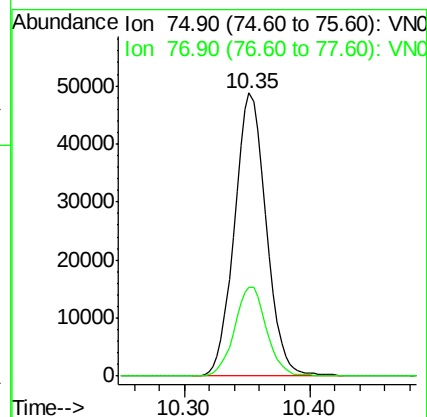
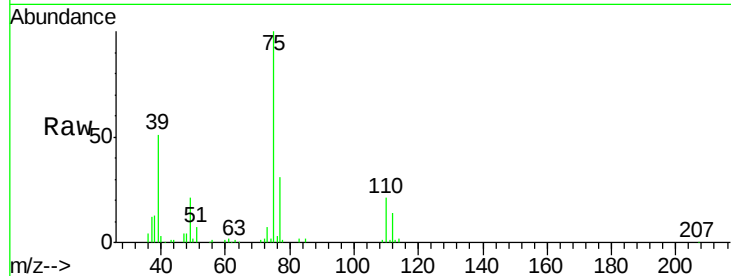
VN0709WBSD02

Tot Ion: 75 Resp: 85892

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.377 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

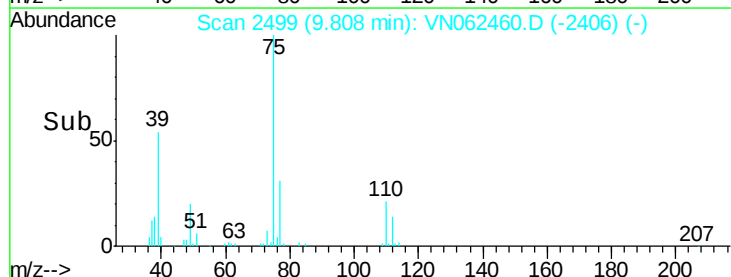
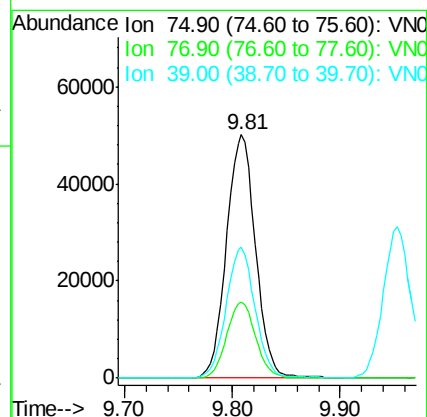
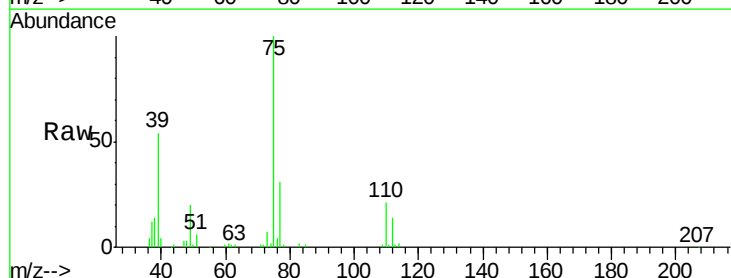
Tgt Ion: 75 Resp: 94076

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

39 53.5 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 20.380 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampled :

VN0709WBSD02

Tot Ion: 97 Resp: 51921

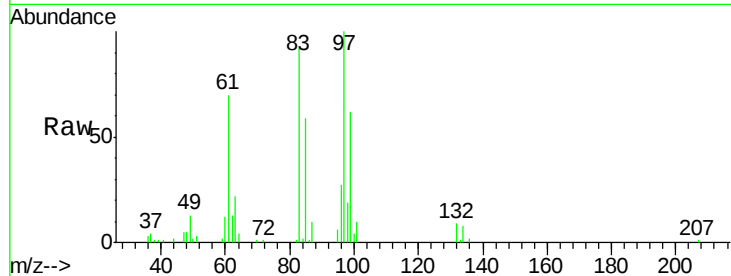
Ion Ratio Lower Upper

97 100

83 92.0 71.0 106.4

85 58.6 46.2 69.4

99 62.5 49.7 74.5

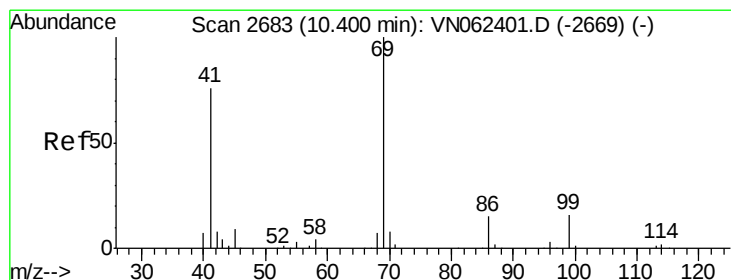
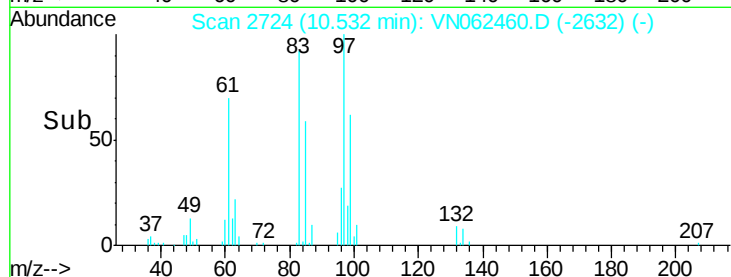
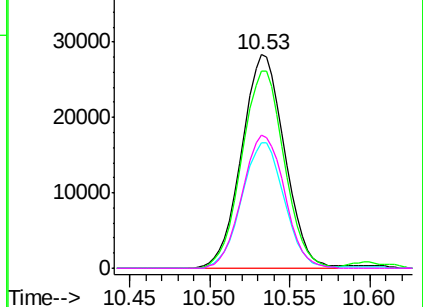


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.119 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

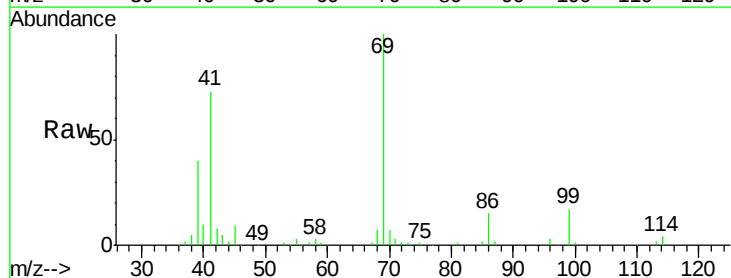
Tgt Ion: 69 Resp: 84507

Ion Ratio Lower Upper

69 100

41 73.9 59.7 89.5

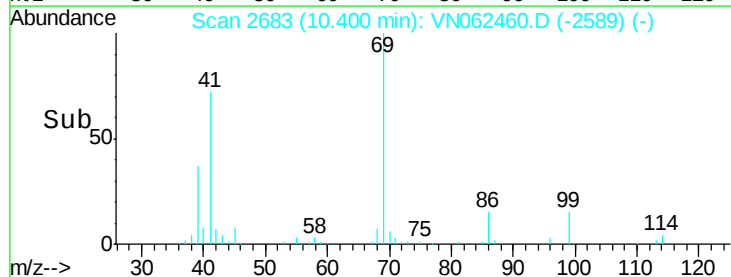
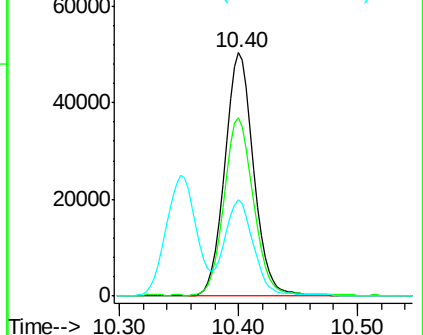
39 39.0 30.6 45.8

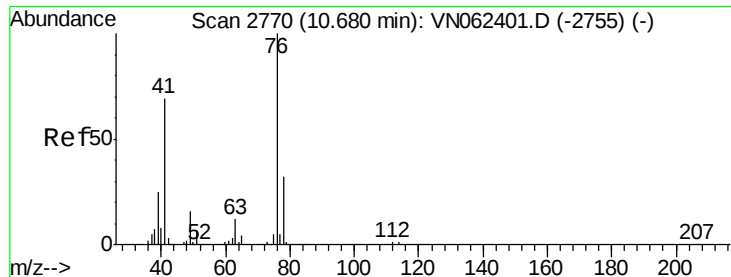


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

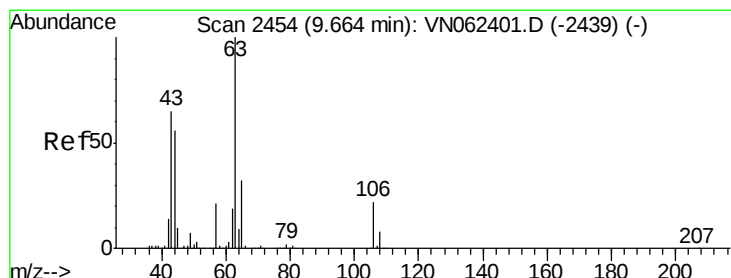
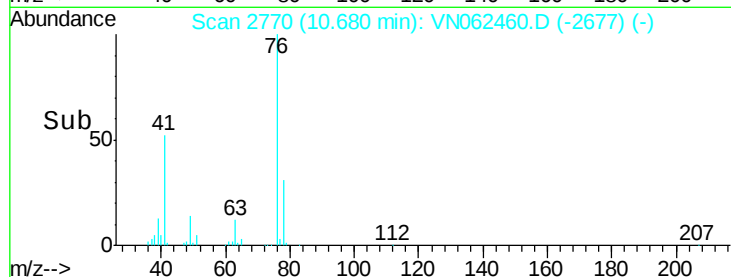
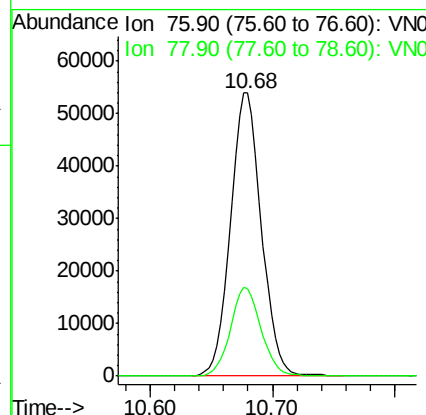
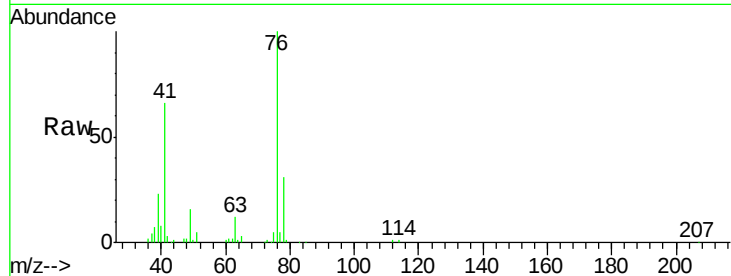




#57
 1,3-Dichloropropane
 Concen: 20.237 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

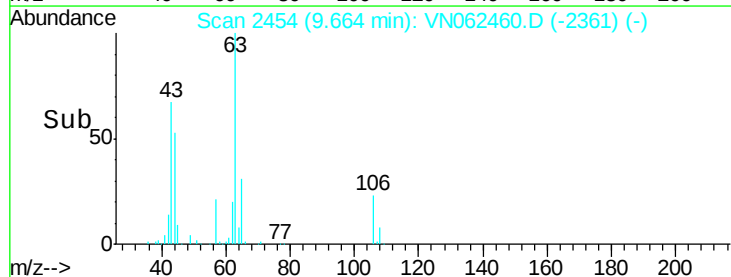
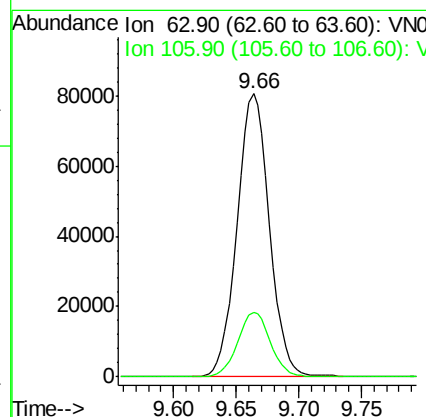
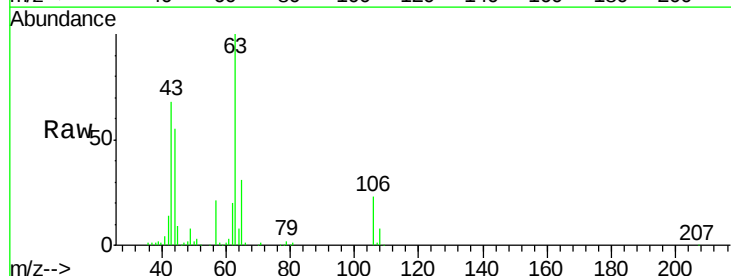
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

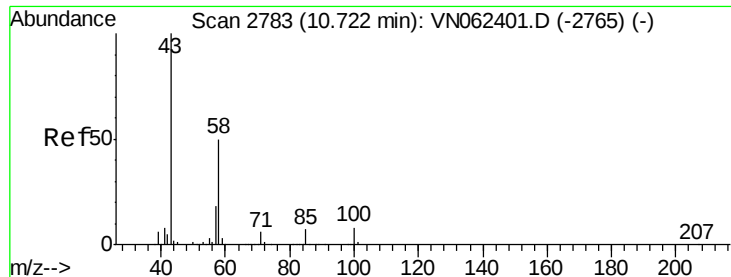
Tot Ion: 76 Resp: 95250
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.324 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion: 63 Resp: 144073
 Ion Ratio Lower Upper
 63 100
 106 23.0 17.6 26.4

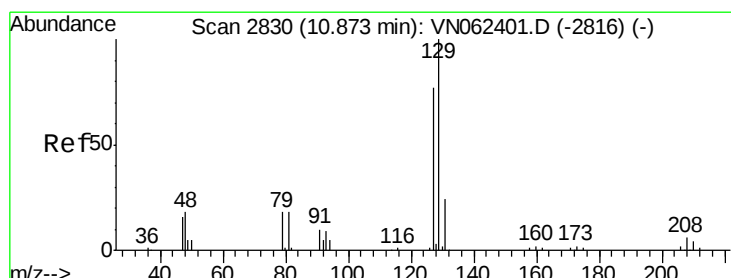
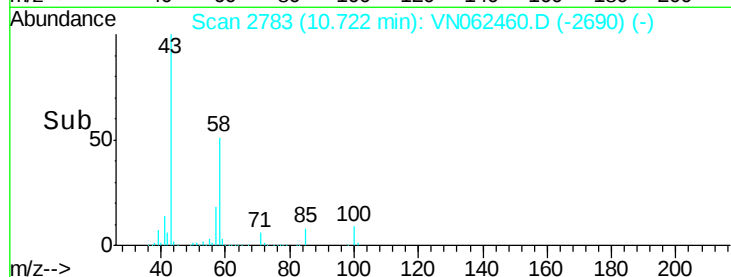
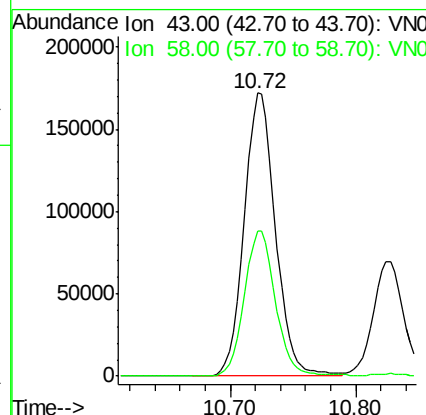
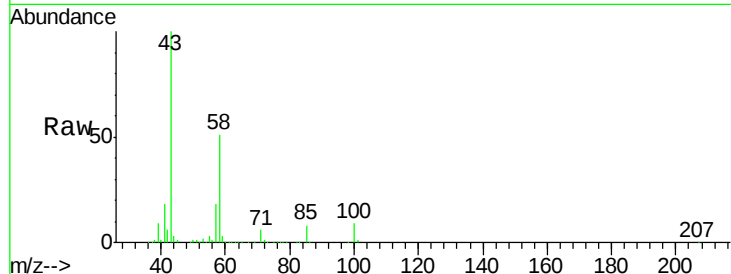




#59
2-Hexanone
Concen: 97.933 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

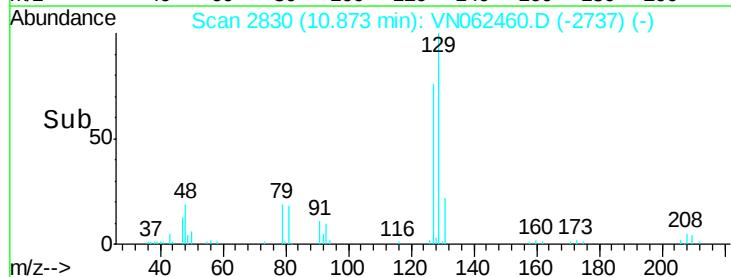
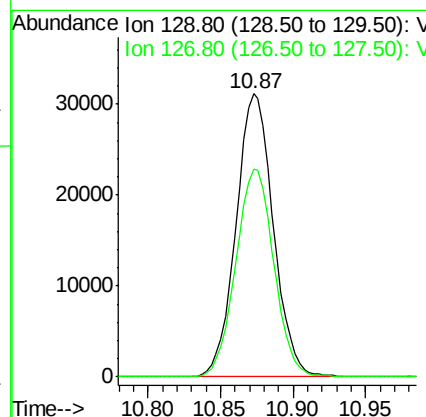
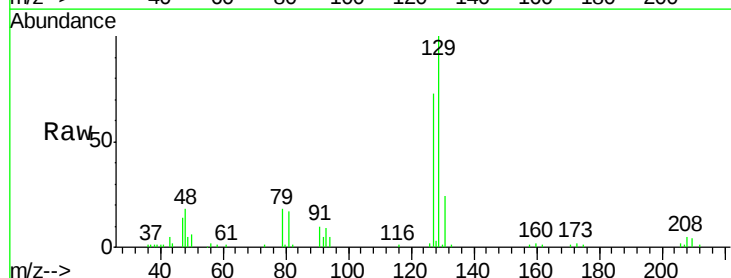
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

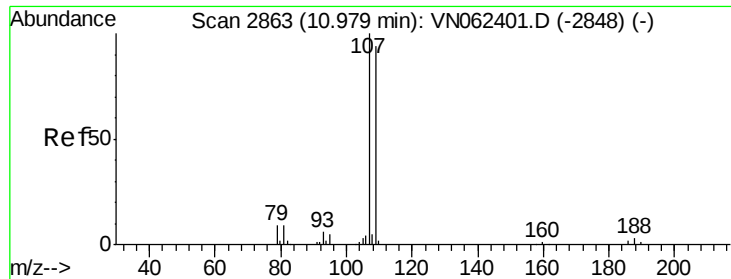
Tot Ion: 43 Resp: 298466
Ion Ratio Lower Upper
43 100
58 51.3 25.1 75.2



#60
Dibromochloromethane
Concen: 20.078 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 129 Resp: 55461
Ion Ratio Lower Upper
129 100
127 75.1 38.6 115.8

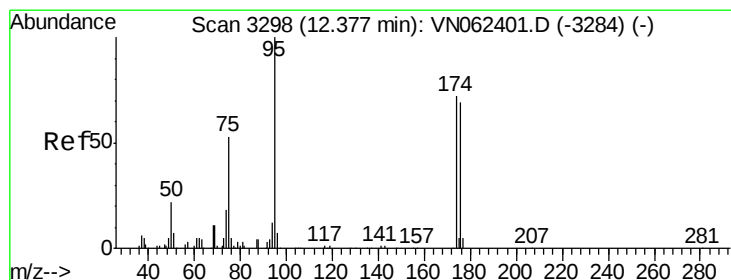
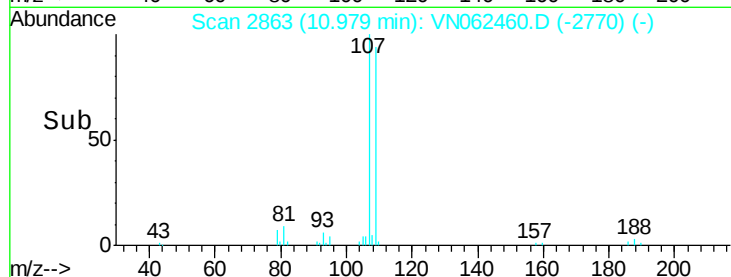
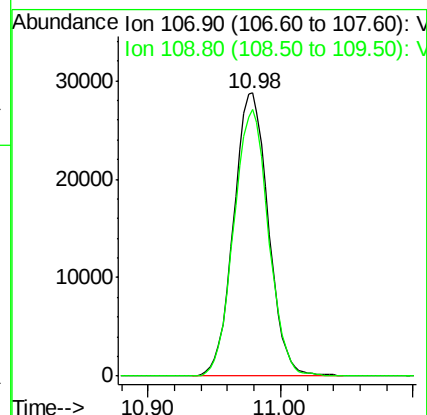
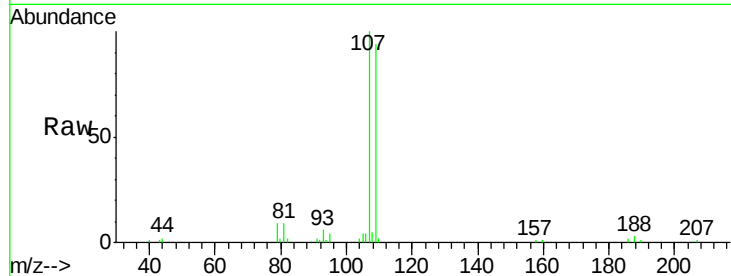




#61
 1,2-Dibromoethane
 Concen: 20.318 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

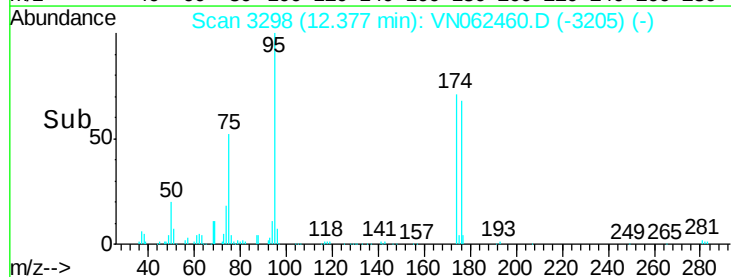
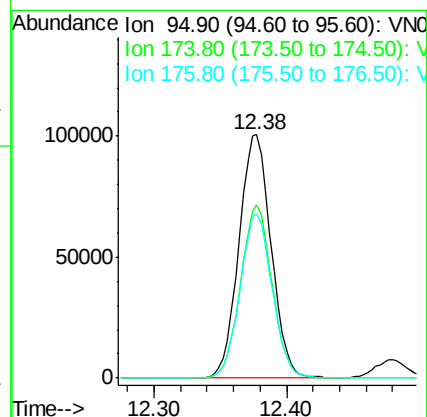
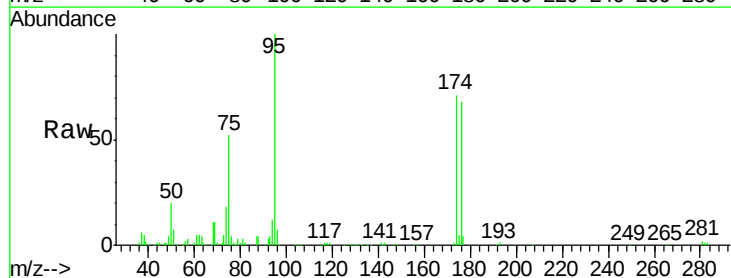
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

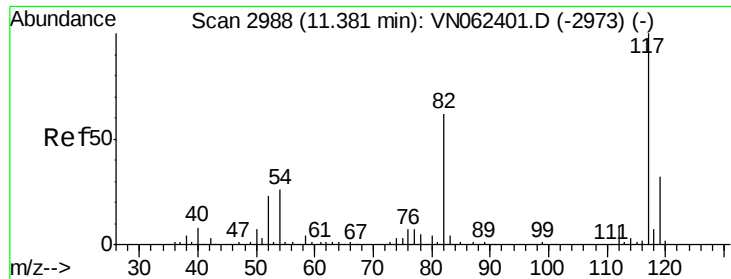
Tot Ion:107 Resp: 52253
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.209 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion: 95 Resp: 169095
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 141.6
 176 67.4 0.0 137.2

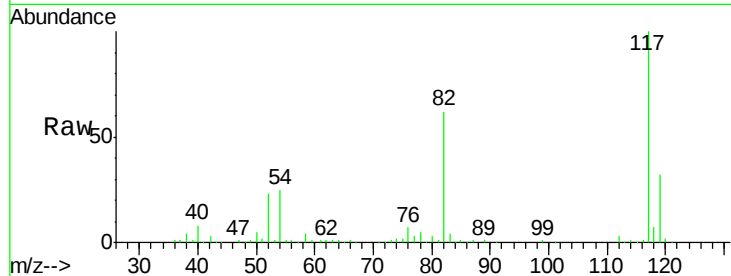




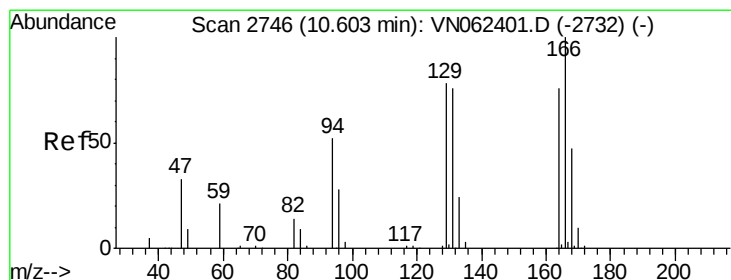
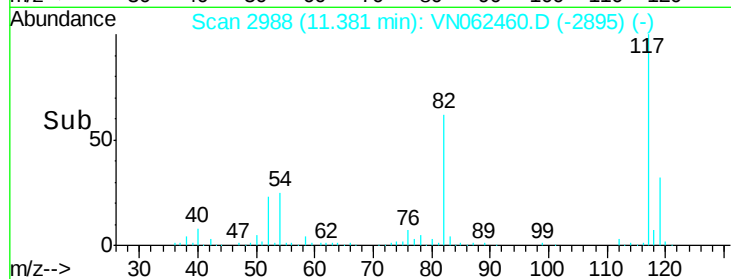
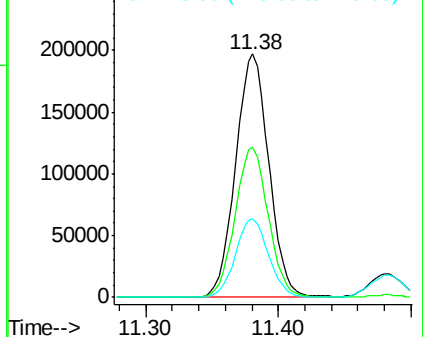
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampled :
VN0709WBSD02

Tot Ion:117 Resp: 343344
Ion Ratio Lower Upper
117 100
82 61.5 49.6 74.4
119 32.4 25.4 38.0

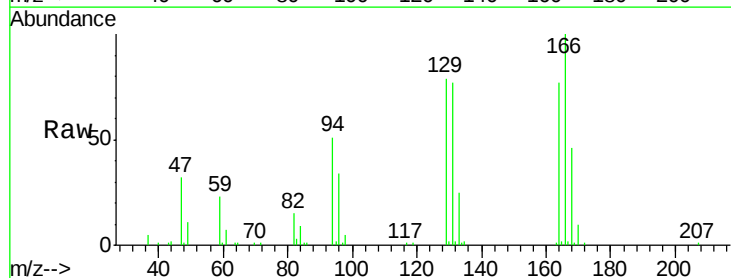


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

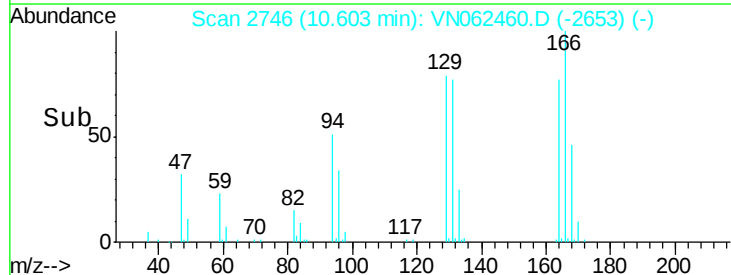
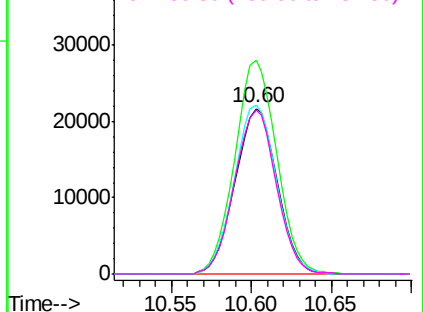


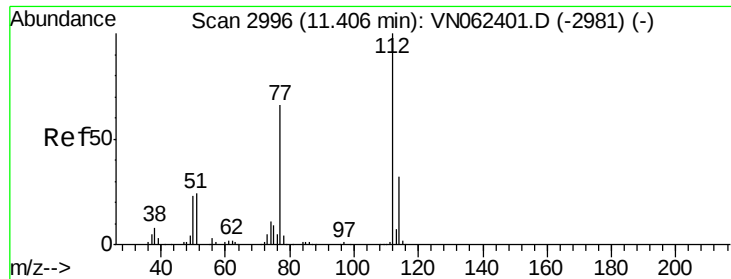
#64
Tetrachloroethene
Concen: 19.115 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion:164 Resp: 38945
Ion Ratio Lower Upper
164 100
166 129.3 104.9 157.3
129 102.4 81.8 122.6
131 99.2 79.3 118.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.935 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

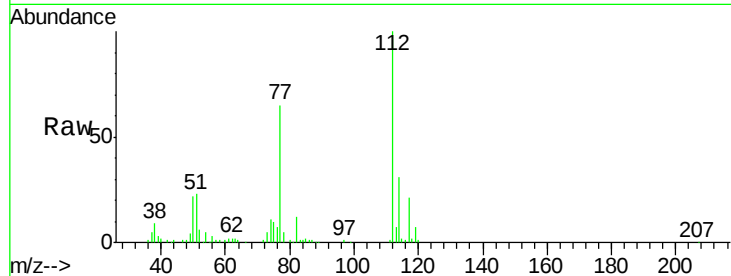
VN0709WBSD02

Tot Ion:112 Resp: 133024

Ion Ratio Lower Upper

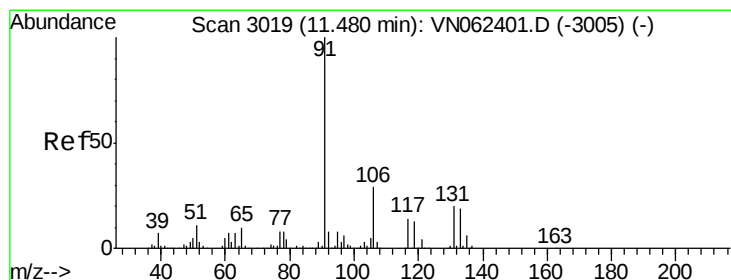
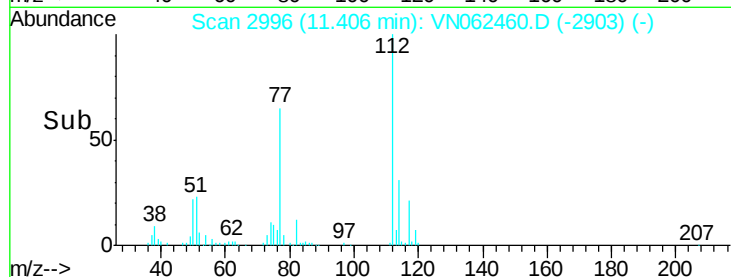
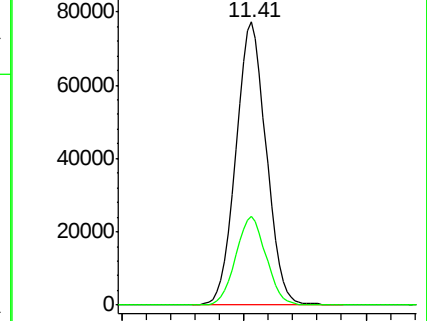
112 100

114 31.2 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.880 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

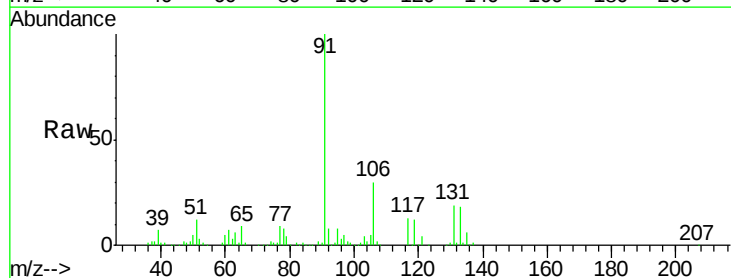
Tgt Ion:131 Resp: 48920

Ion Ratio Lower Upper

131 100

133 97.1 46.9 140.8

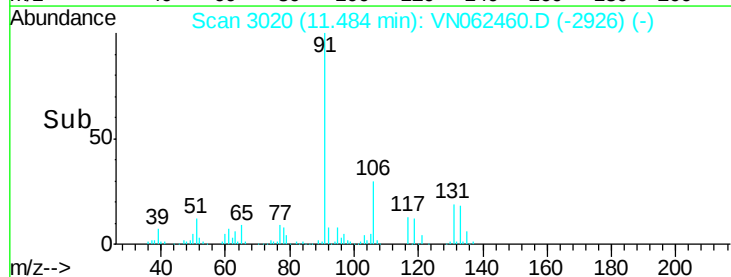
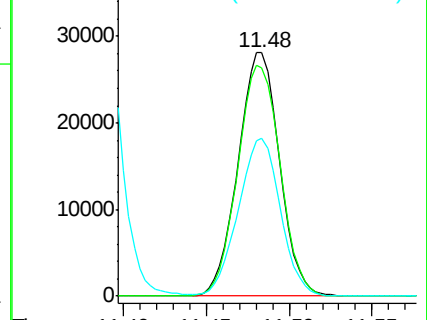
119 65.8 33.2 99.6

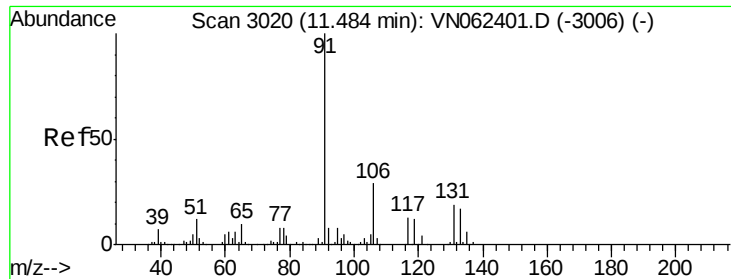


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

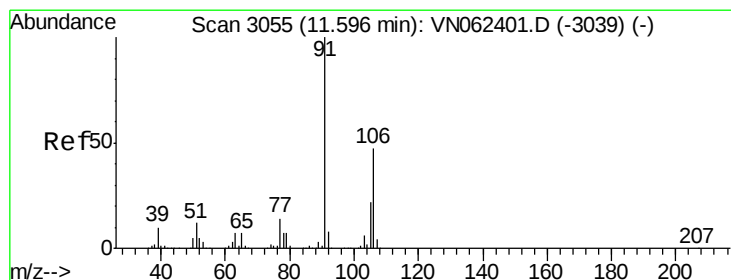
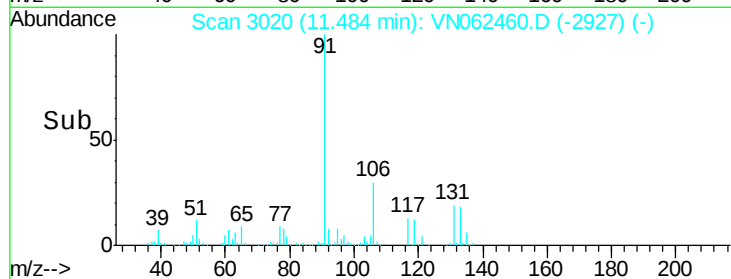
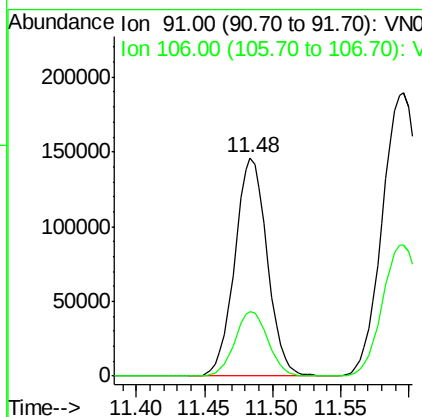
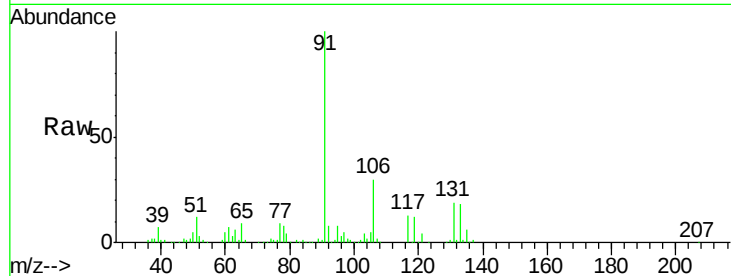




#67
Ethyl Benzene
Concen: 19.292 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

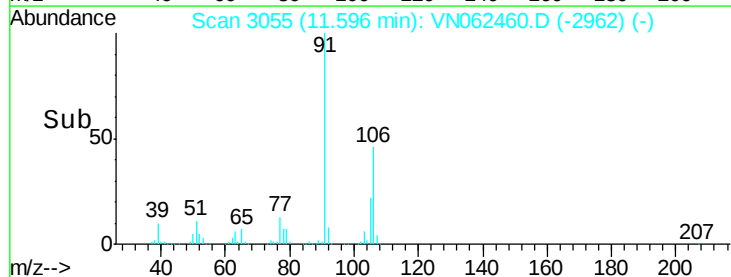
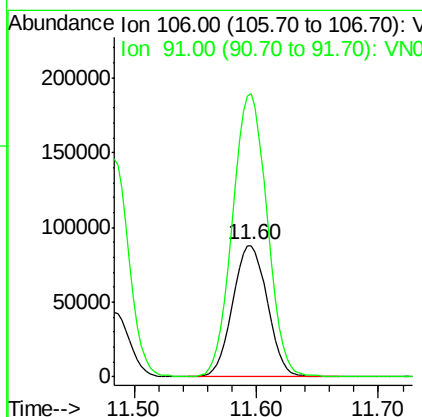
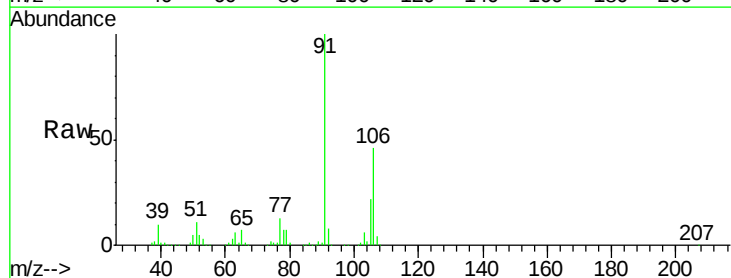
Instrument :
MSVOA_N
ClientSampled :
VN0709WBSD02

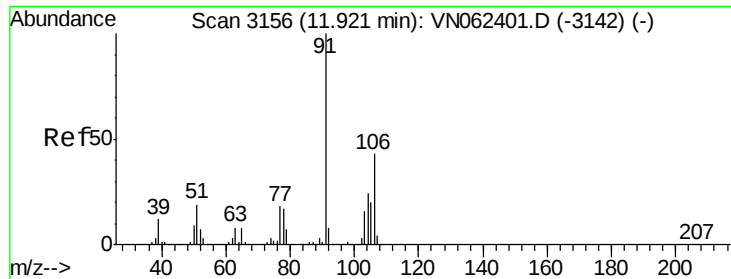
Tot Ion: 91 Resp: 241643
Ion Ratio Lower Upper
91 100
106 29.8 23.4 35.2



#68
m/p-Xylenes
Concen: 39.180 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 106 Resp: 173732
Ion Ratio Lower Upper
106 100
91 213.9 172.4 258.6

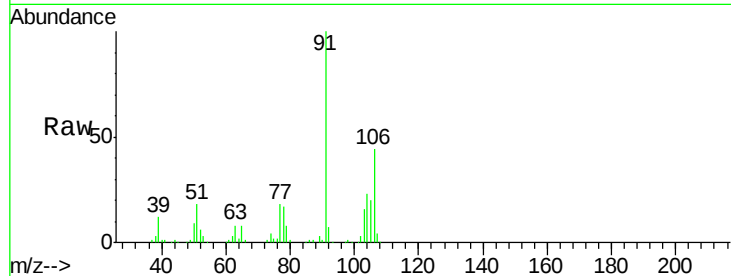




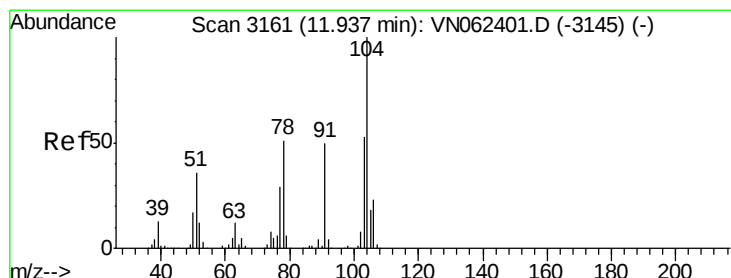
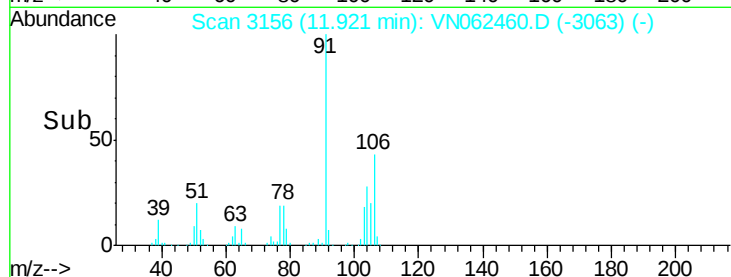
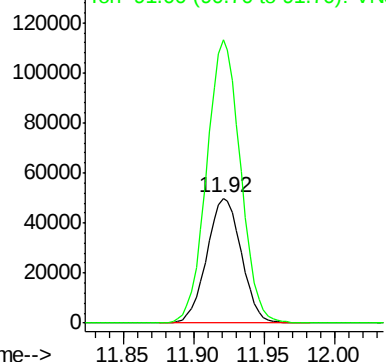
#69
o-Xylene
Concen: 19.912 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion:106 Resp: 85967
Ion Ratio Lower Upper
106 100
91 221.8 113.8 341.4

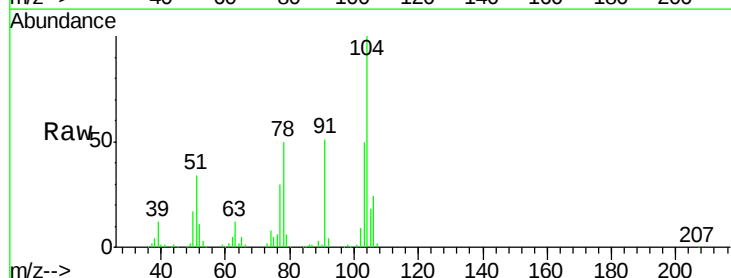


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

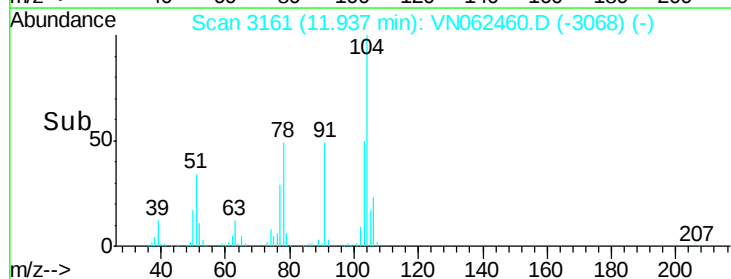
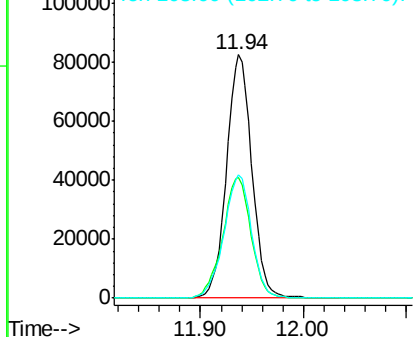


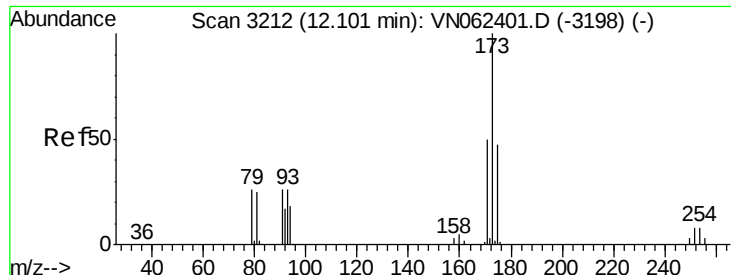
#70
Styrene
Concen: 19.855 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion:104 Resp: 141673
Ion Ratio Lower Upper
104 100
78 55.3 44.2 66.4
103 55.4 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.228 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

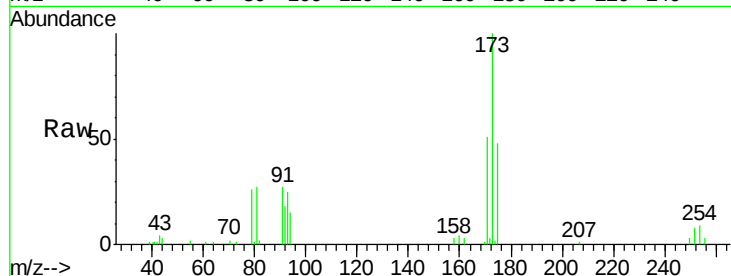
Tot Ion:173 Resp: 36490

Ion Ratio Lower Upper

173 100

175 47.5 23.7 71.1

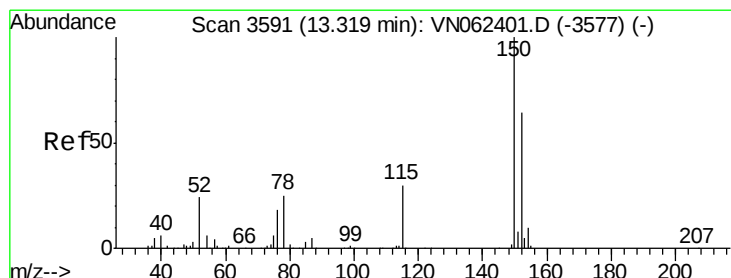
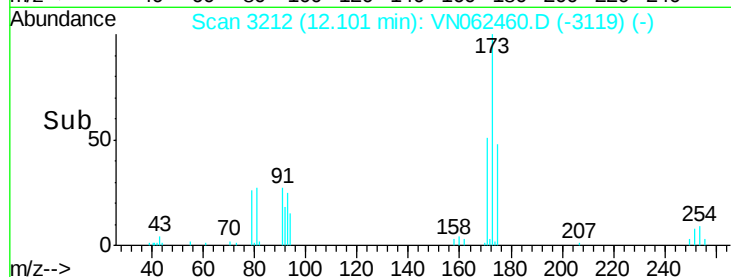
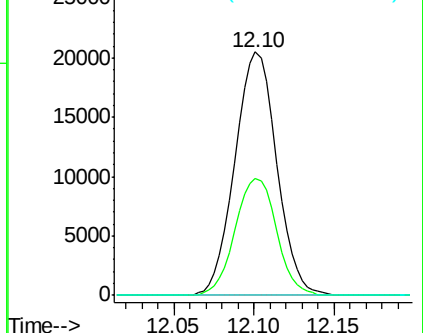
254 0.0 0.0 0.0



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: VN062460.D

Acq: 9 Jul 2020 17:24

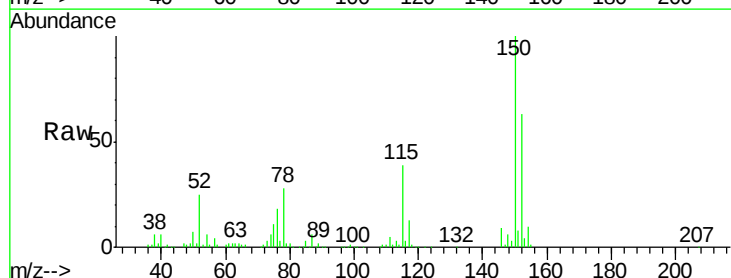
Tgt Ion:152 Resp: 150231

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.2

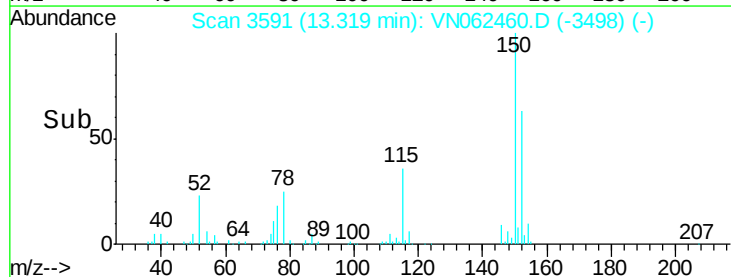
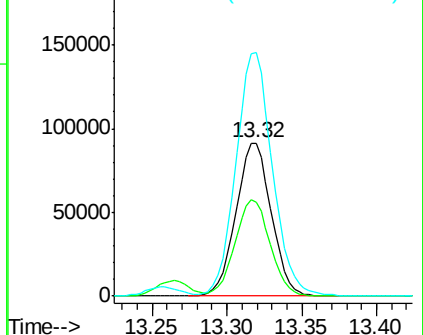
150 163.7 0.0 347.4

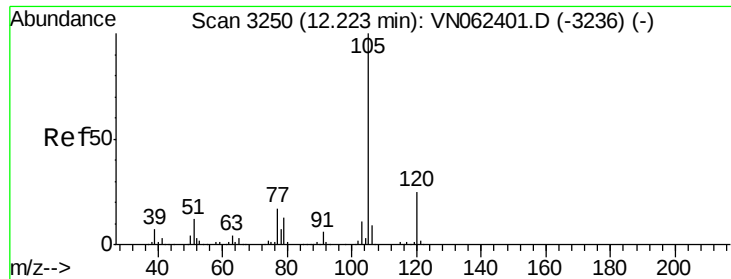


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.494 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

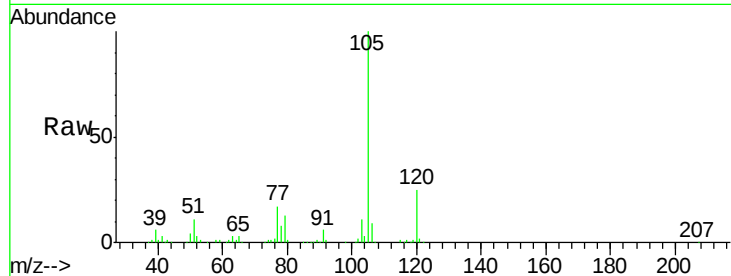
VN0709WBSD02

Tot Ion:105 Resp: 226627

Ion Ratio Lower Upper

105 100

120 25.1 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

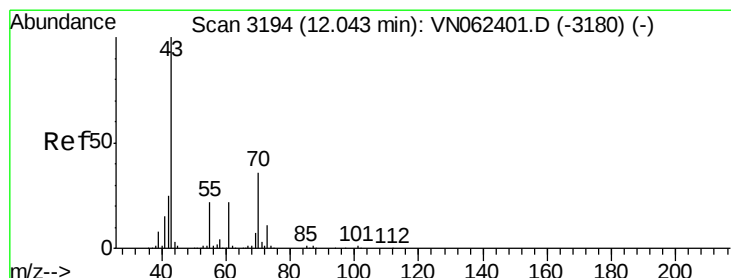
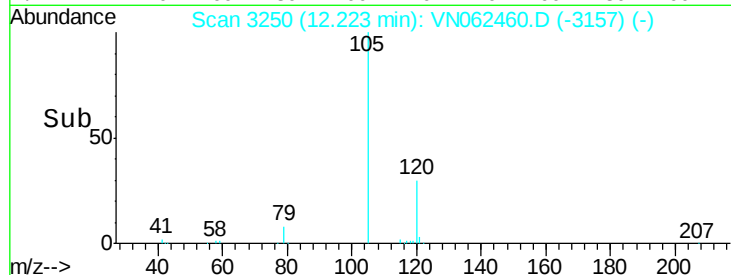
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.113 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion: 43 Resp: 113806

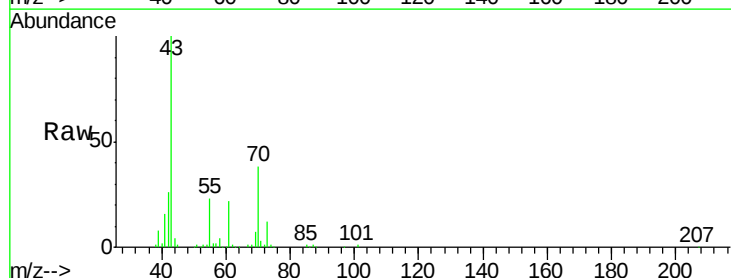
Ion Ratio Lower Upper

43 100

70 37.1 30.0 45.0

55 23.9 18.2 27.4

61 22.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

100000

80000

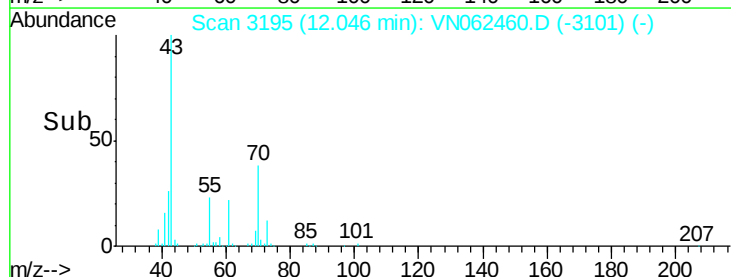
60000

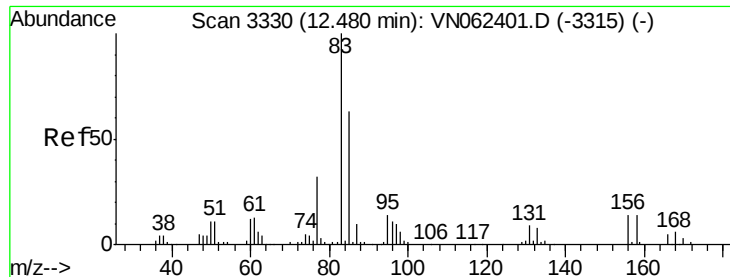
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.262 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

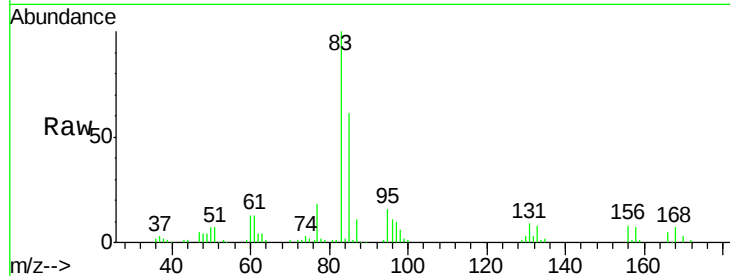
Tot Ion: 83 Resp: 79202

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.5

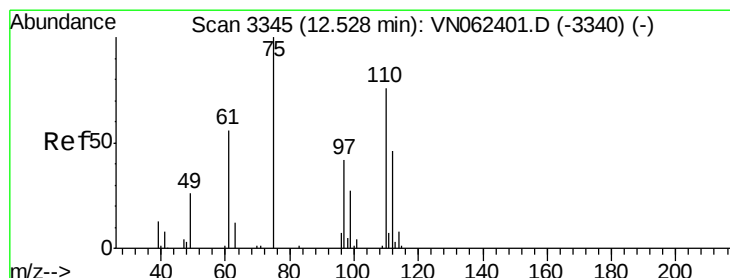
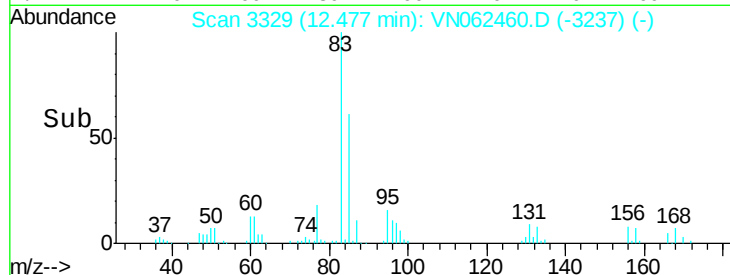
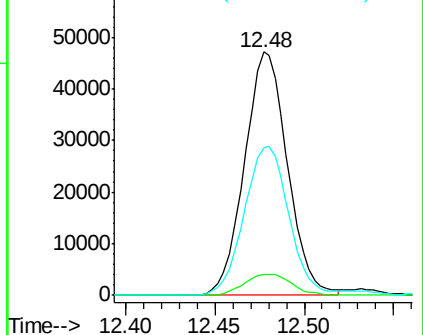
85 63.5 31.9 95.9



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: 27.480 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062460.D

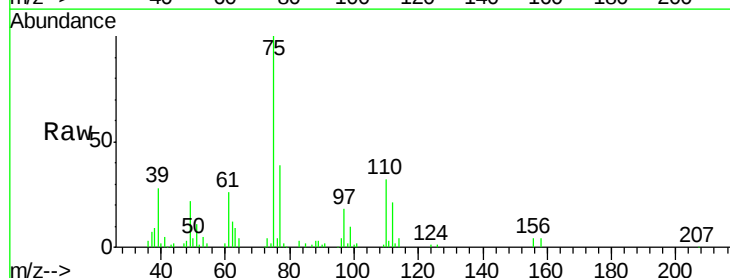
Acq: 9 Jul 2020 17:24

Tgt Ion: 75 Resp: 101295

Ion Ratio Lower Upper

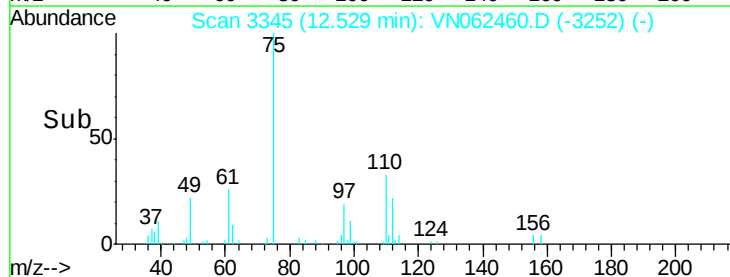
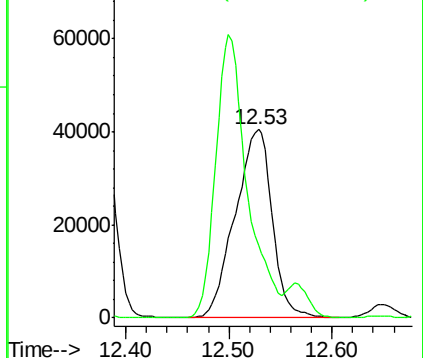
75 100

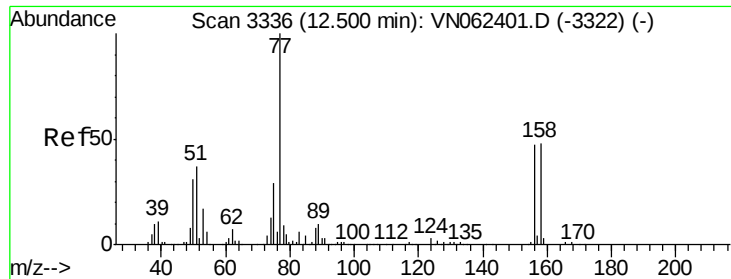
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.579 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

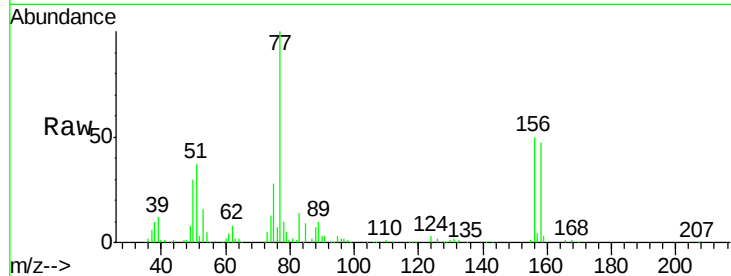
Tot Ion:156 Resp: 51746

Ion Ratio Lower Upper

156 100

77 249.8 126.4 379.3

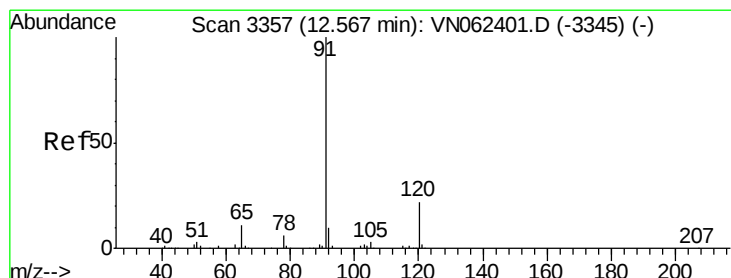
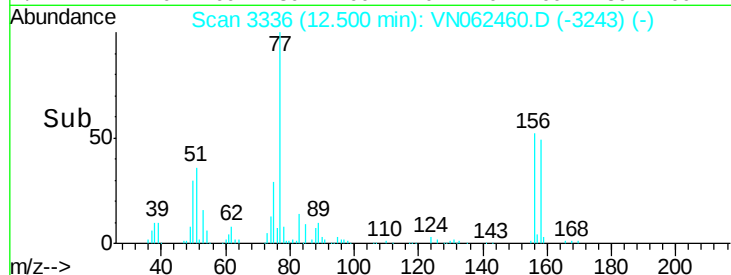
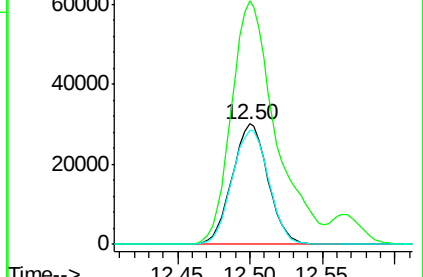
158 97.4 49.8 149.4



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: 19.418 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062460.D

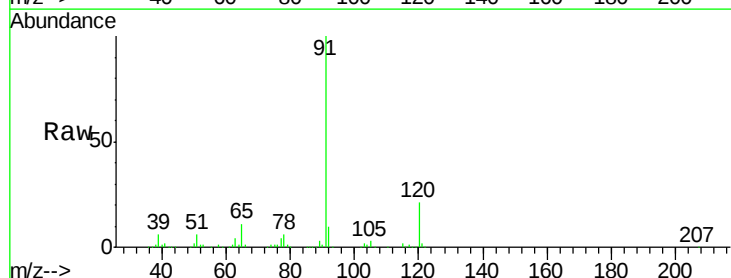
Acq: 9 Jul 2020 17:24

Tgt Ion: 91 Resp: 263685

Ion Ratio Lower Upper

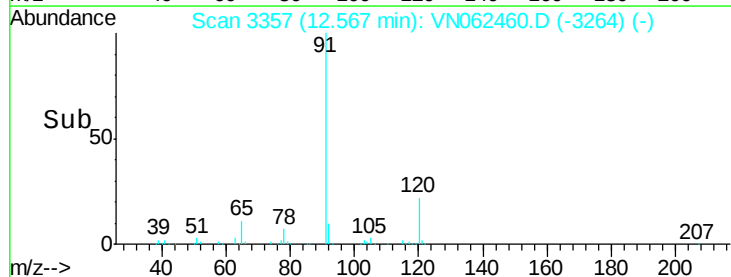
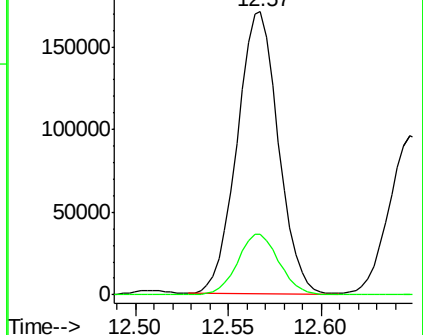
91 100

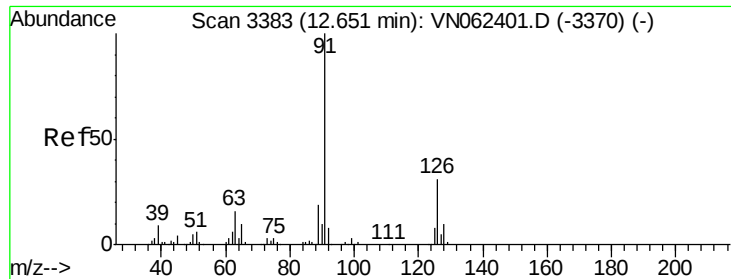
120 21.7 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.590 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

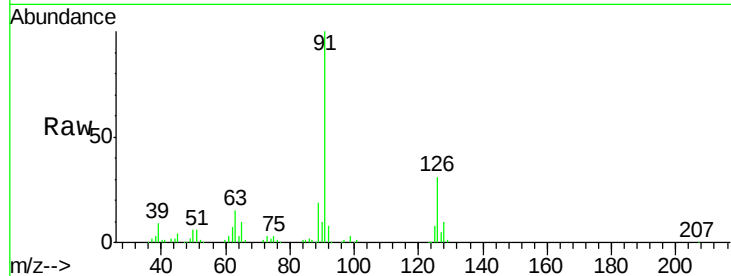
VN0709WBSD02

Tot Ion: 91 Resp: 161452

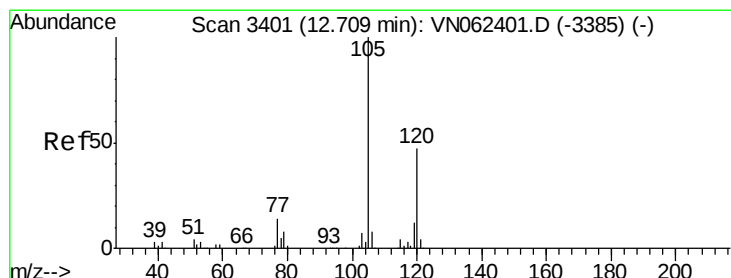
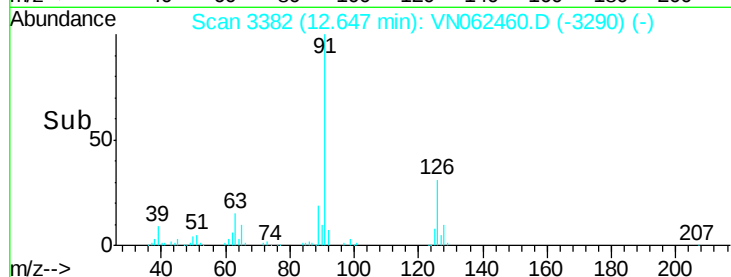
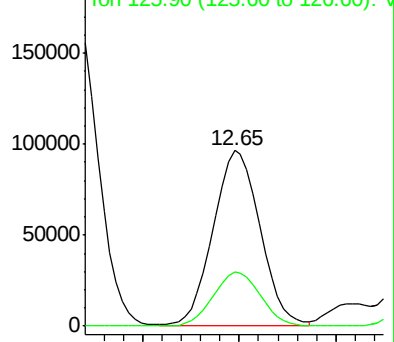
Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.094 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062460.D

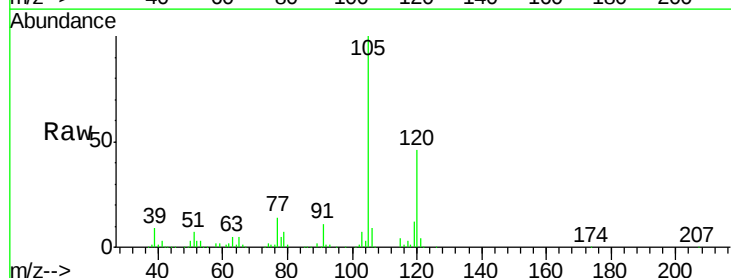
Acq: 9 Jul 2020 17:24

Tgt Ion: 105 Resp: 191495

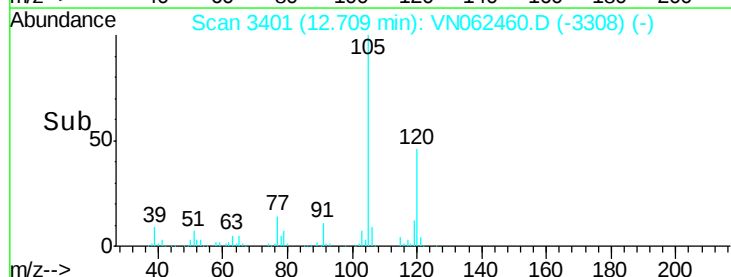
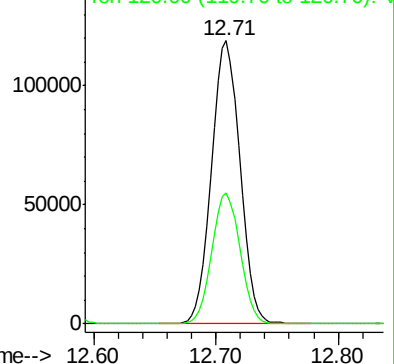
Ion Ratio Lower Upper

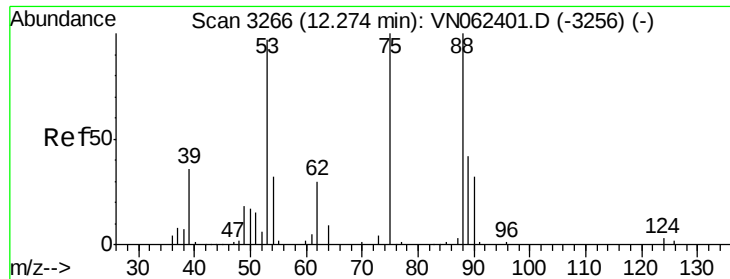
105 100

120 45.8 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.871 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

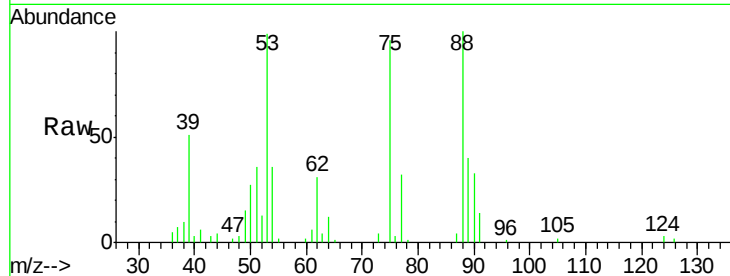
Tot Ion: 75 Resp: 24612

Ion Ratio Lower Upper

75 100

53 100.2 79.2 118.8

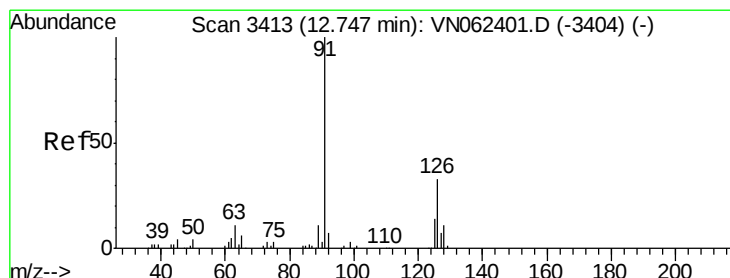
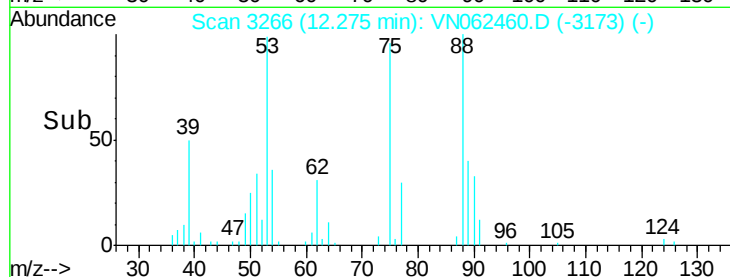
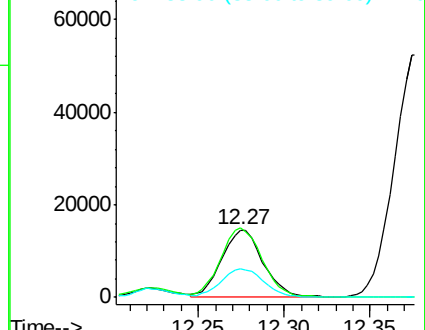
89 43.8 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.695 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062460.D

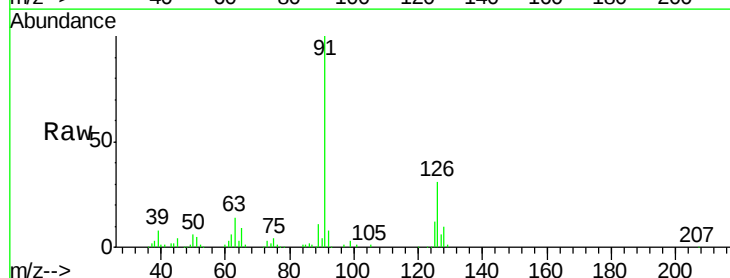
Acq: 9 Jul 2020 17:24

Tgt Ion: 91 Resp: 164792

Ion Ratio Lower Upper

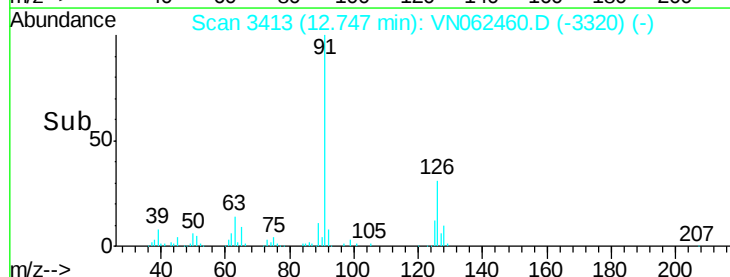
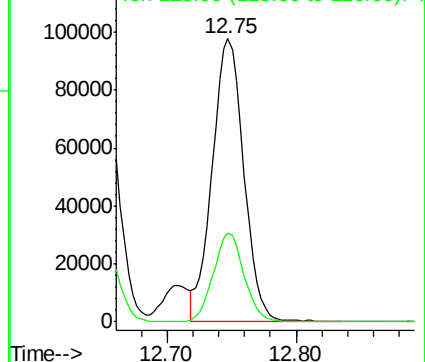
91 100

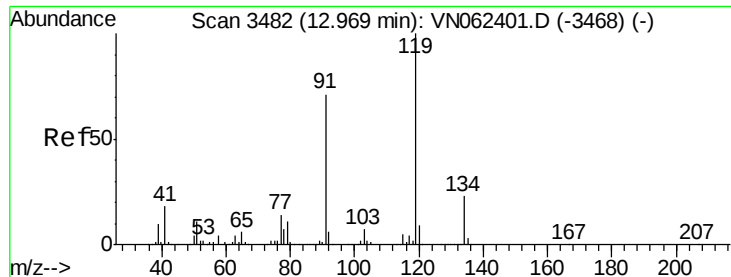
126 30.8 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

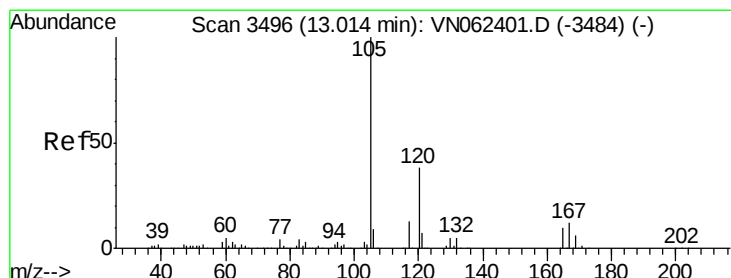
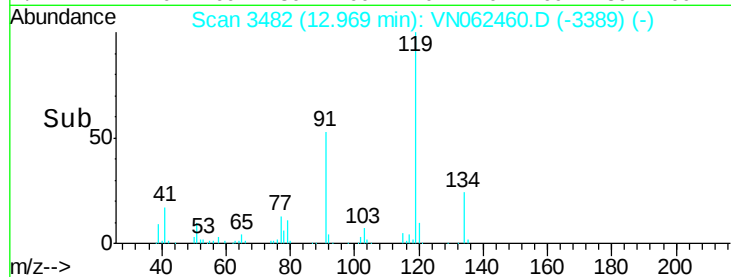
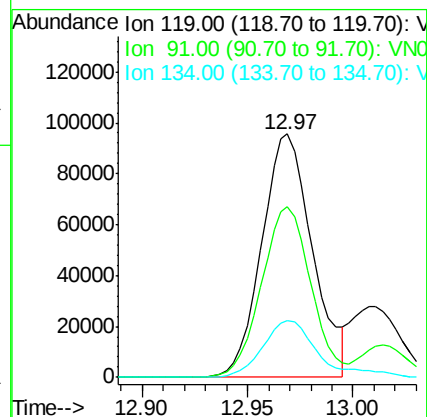
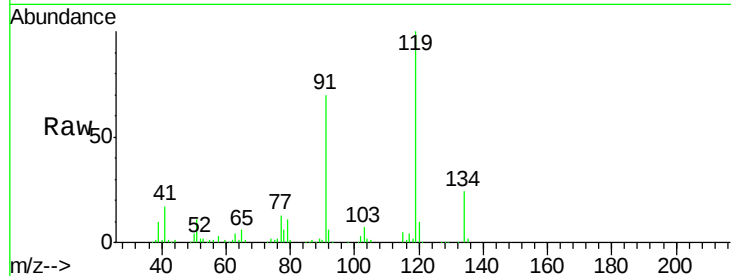




#83
 tert-Butylbenzene
 Concen: 19.729 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

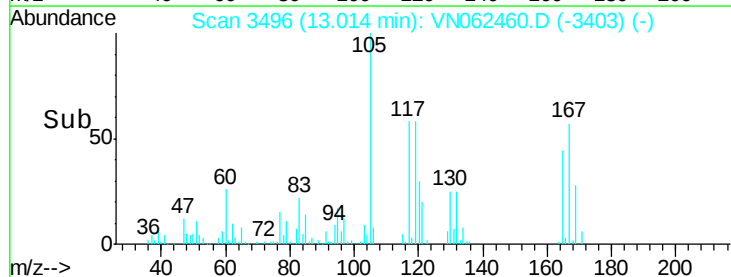
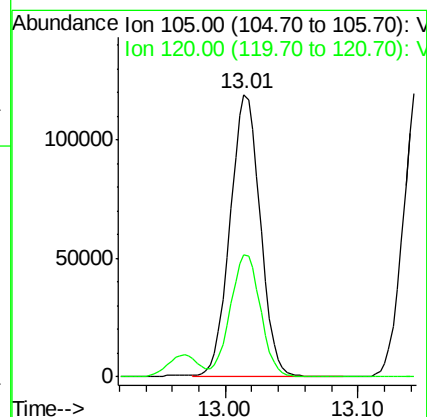
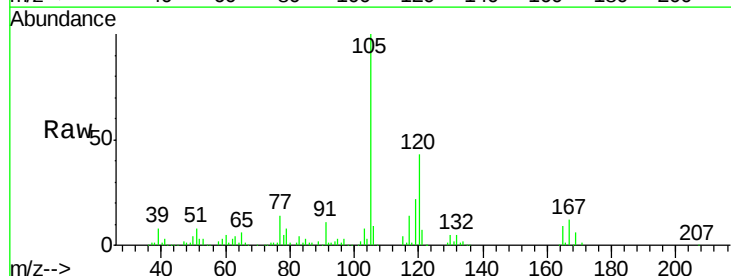
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

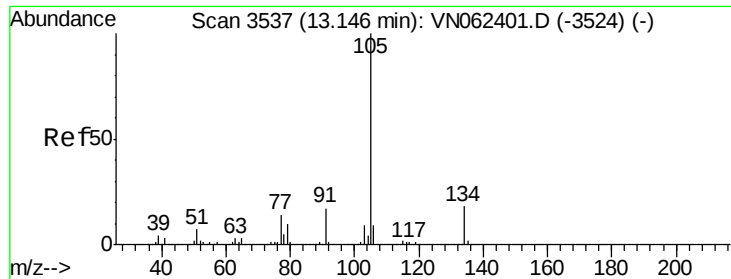
Tot Ion:119 Resp: 159555
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.8 104.3
 134 25.6 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.839 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion:105 Resp: 187925
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.6 64.8





#85

sec-Butylbenzene

Concen: 19.692 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

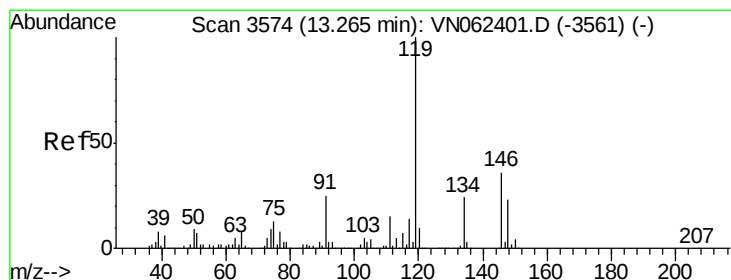
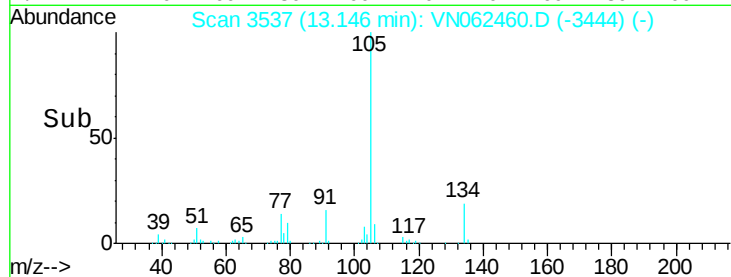
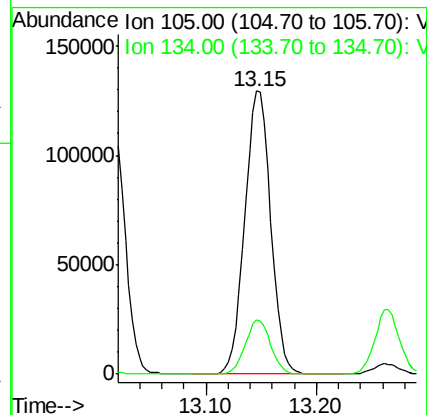
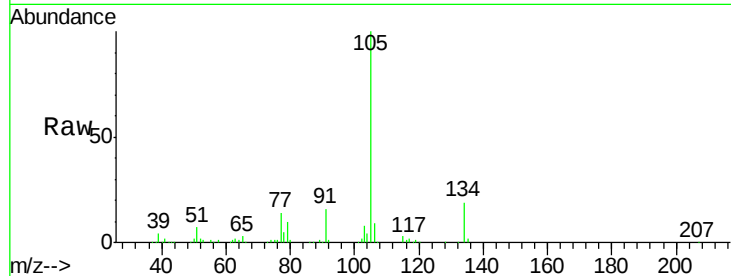
VN0709WBSD02

Tot Ion:105 Resp: 211037

Ion Ratio Lower Upper

105 100

134 18.5 9.3 28.0



#86

p-Isopropyltoluene

Concen: 19.827 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

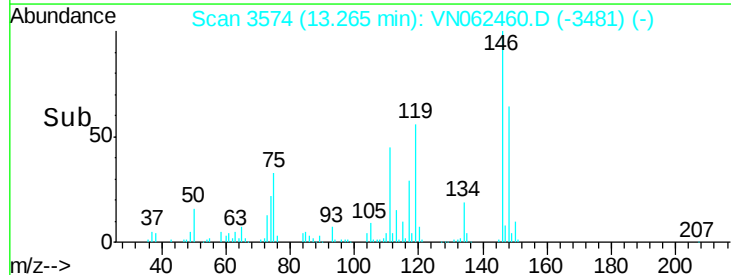
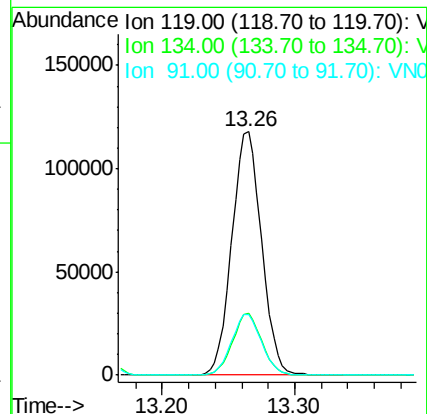
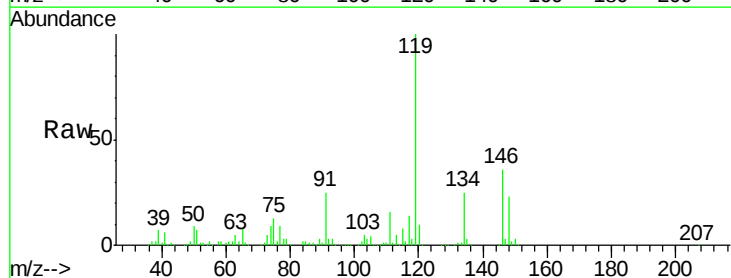
Tgt Ion:119 Resp: 183392

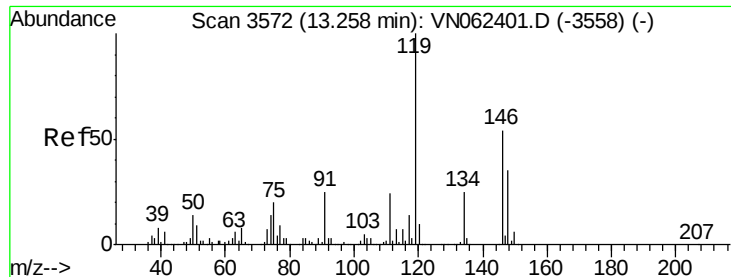
Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.0

91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.665 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

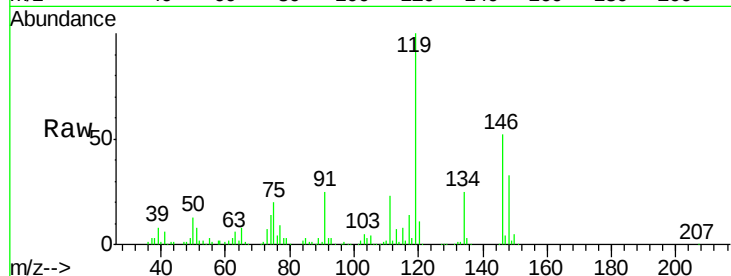
Tot Ion:146 Resp: 89661

Ion Ratio Lower Upper

146 100

111 44.4 21.6 64.6

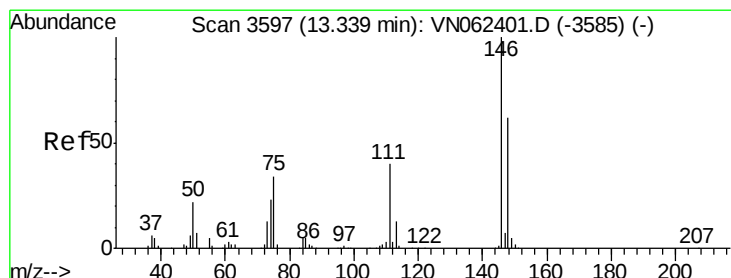
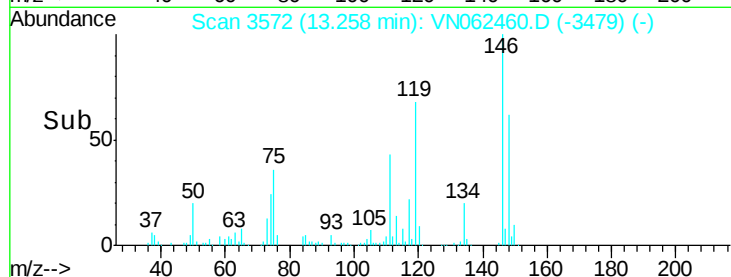
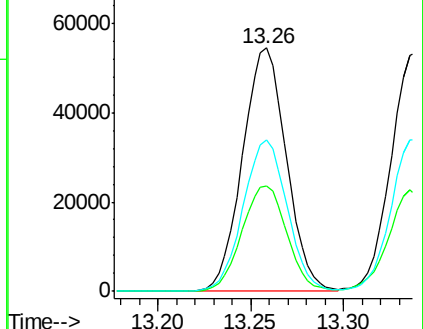
148 62.6 32.2 96.6



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: 19.248 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

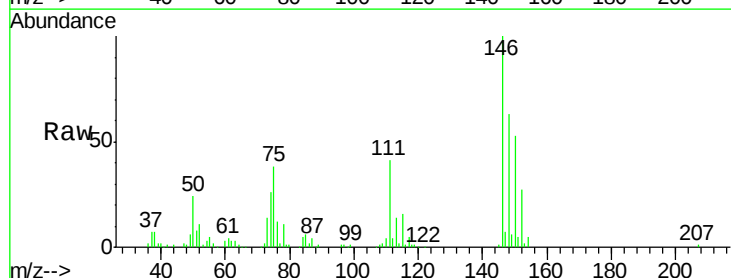
Tgt Ion:146 Resp: 90299

Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.1

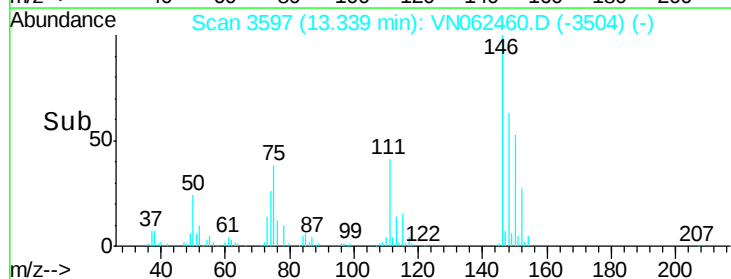
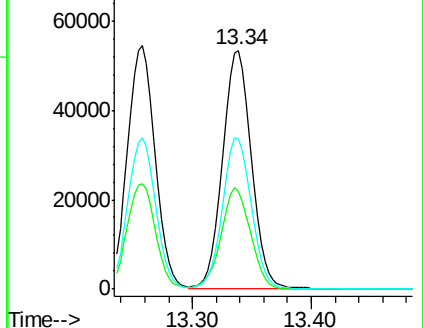
148 63.4 31.4 94.2

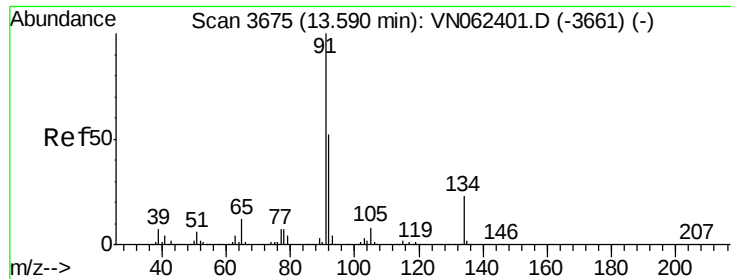


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

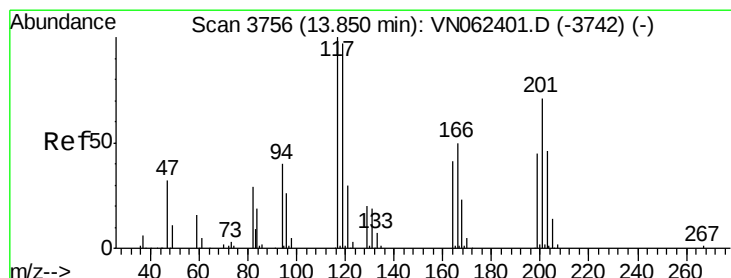
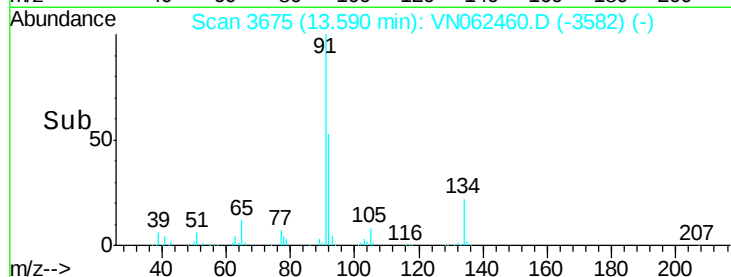
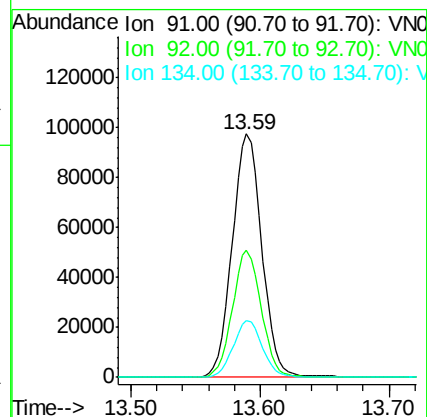
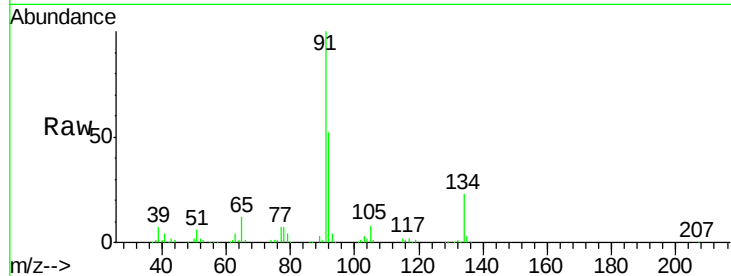




#89
n-Butylbenzene
Concen: 19.016 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

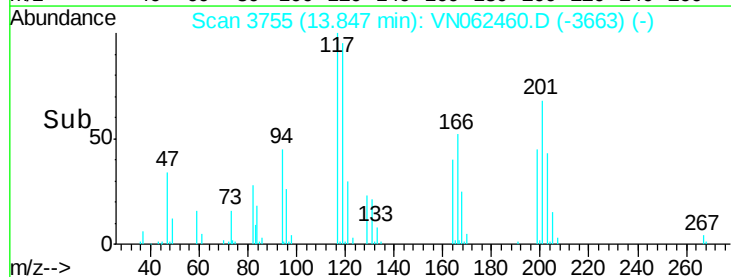
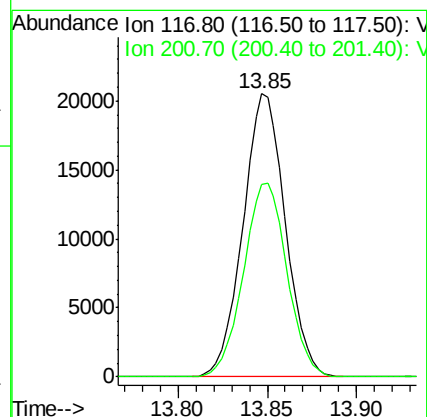
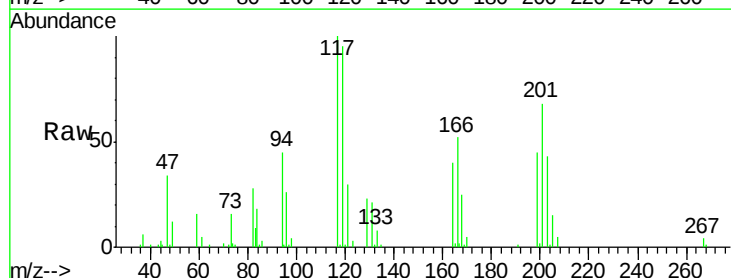
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

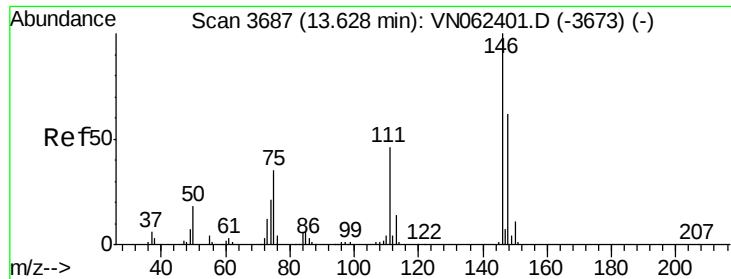
Tot Ion: 91 Resp: 155304
Ion Ratio Lower Upper
91 100
92 50.9 25.9 77.7
134 23.2 11.6 34.8



#90
Hexachloroethane
Concen: 18.617 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 117 Resp: 33873
Ion Ratio Lower Upper
117 100
201 70.2 35.4 106.2

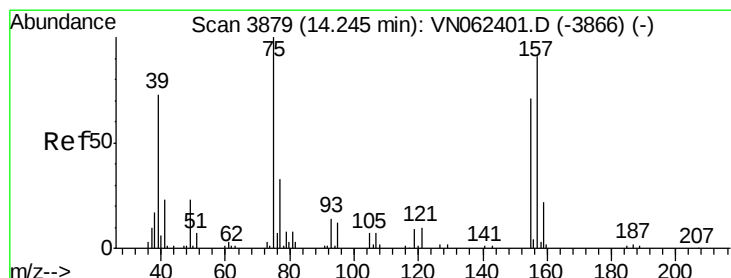
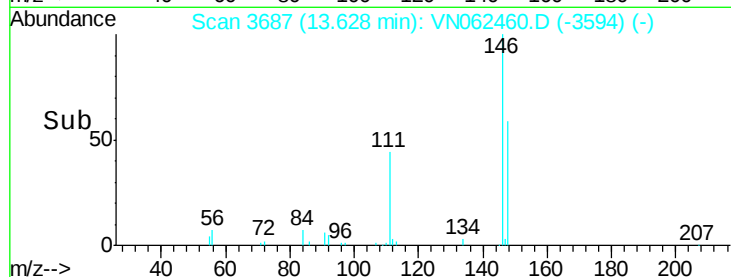
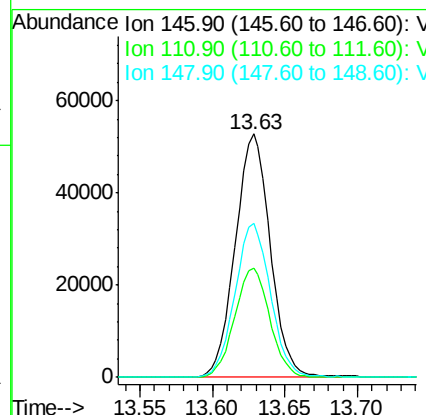
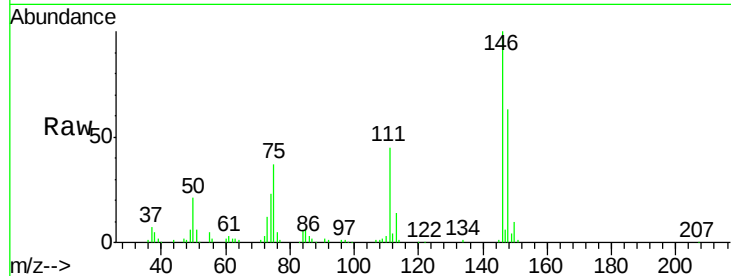




#91
 1,2-Dichlorobenzene
 Concen: 20.052 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

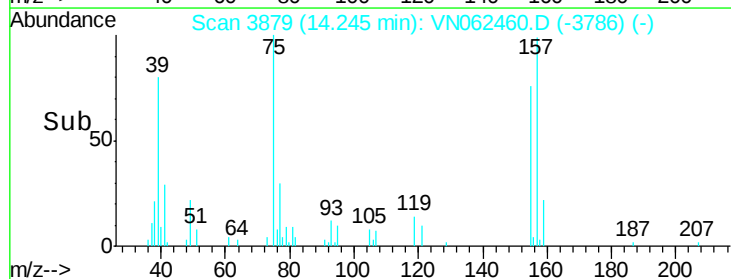
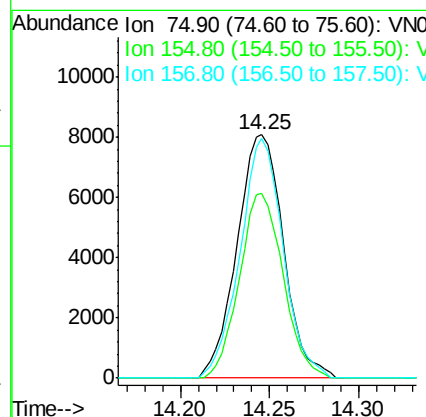
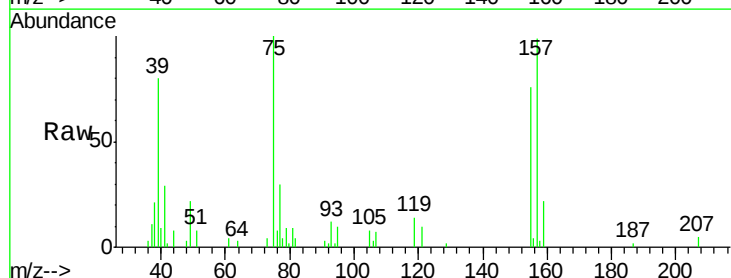
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

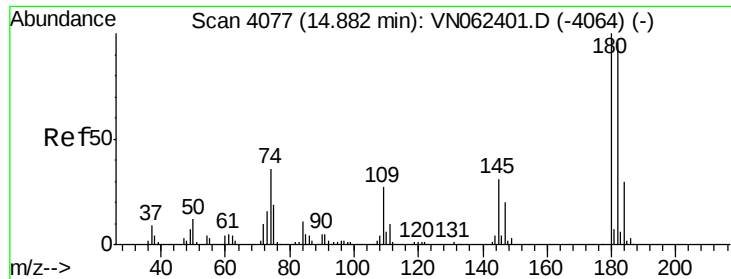
Tot Ion:146 Resp: 88393
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.5 67.5
 148 64.1 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.545 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion: 75 Resp: 14655
 Ion Ratio Lower Upper
 75 100
 155 71.3 35.2 105.6
 157 91.6 45.8 137.3

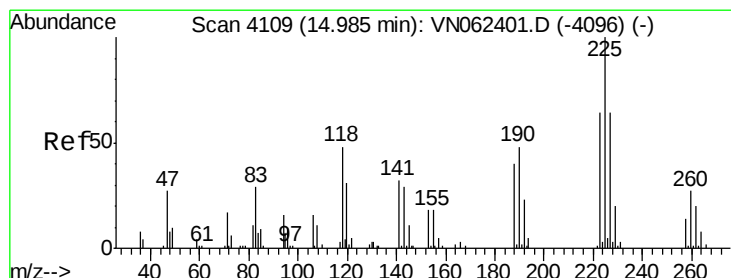
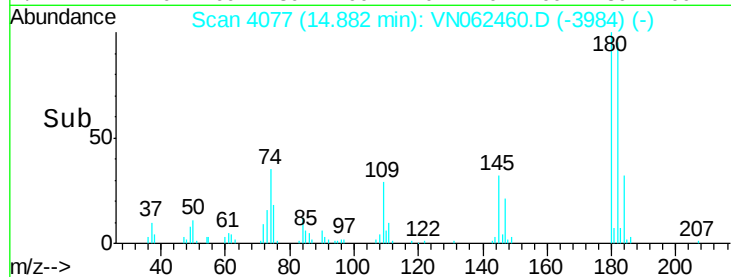
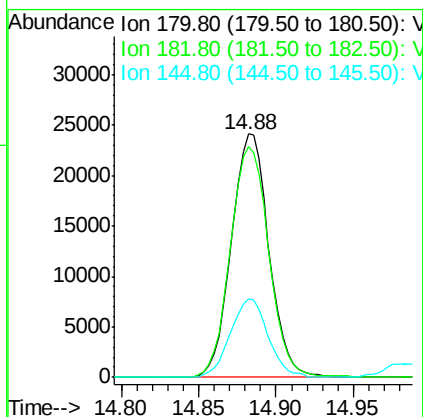
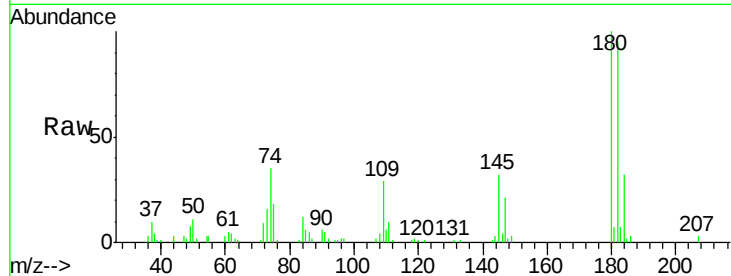




#93
 1,2,4-Trichlorobenzene
 Concen: 19.308 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

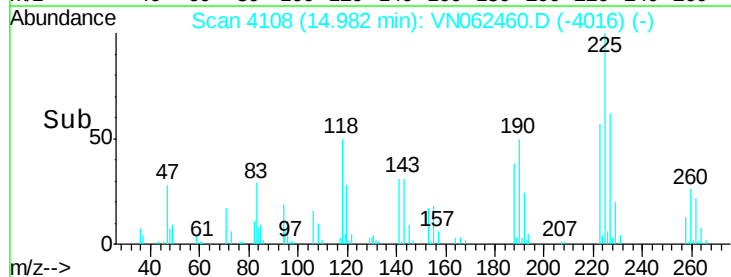
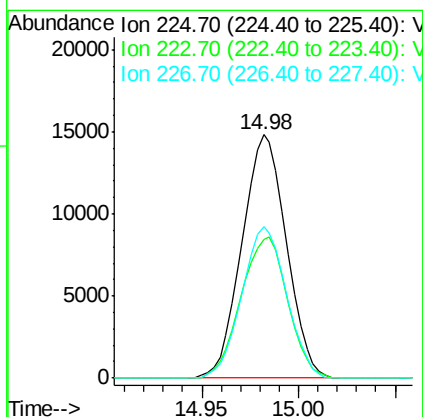
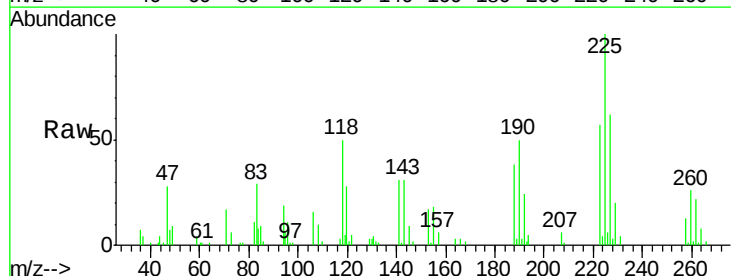
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion:180 Resp: 40516
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.4 145.2
 145 32.2 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 20.198 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion:225 Resp: 23641
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.3 96.8
 227 62.5 31.9 95.7





#95

Naphthalene

Concen: 21.754 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

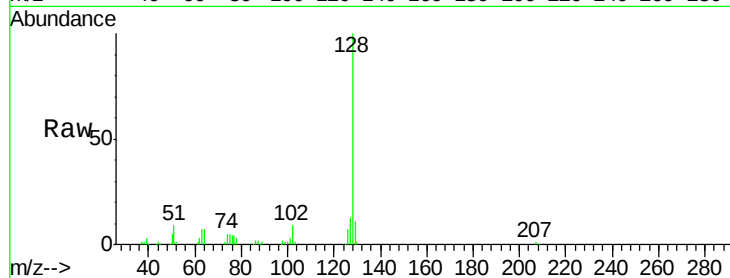
Tot Ion:128 Resp: 116315

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

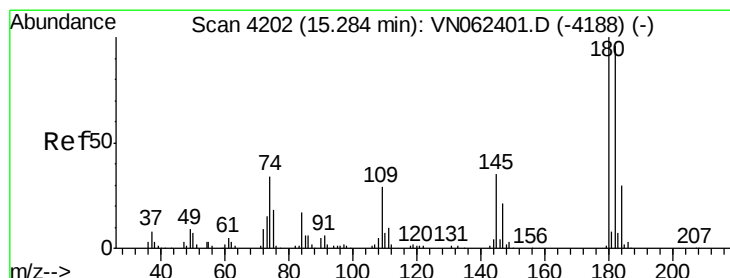
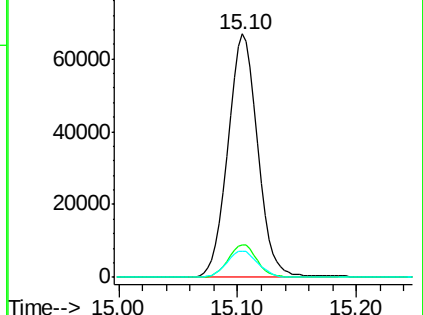
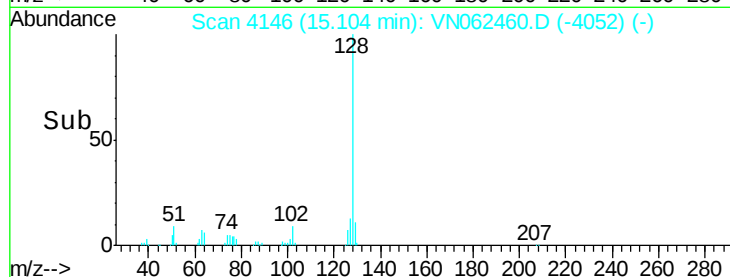
129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.858 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

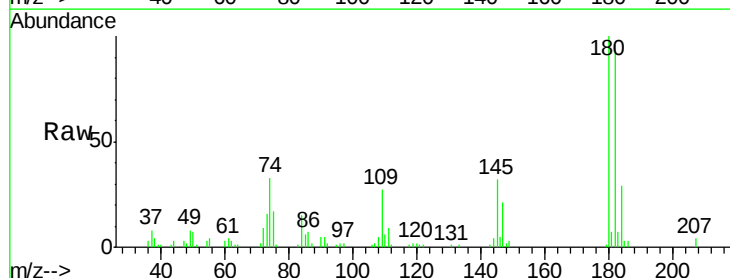
Tgt Ion:180 Resp: 42211

Ion Ratio Lower Upper

180 100

182 94.1 47.8 143.4

145 32.7 17.0 50.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

