

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062459.D
 Acq On : 9 Jul 2020 16:58
 Operator : JC/MD
 Sample : VN0709WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

Quant Time: Jul 10 01:04:35 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	226717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	391853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	354609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	155527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	175353	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	7.55	113	122811	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.06	98	481585	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.38	95	174223	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43414	18.799	ug/l	96
3) Chloromethane	2.03	50	63969	17.263	ug/l	99
4) Vinyl Chloride	2.16	62	57273	18.866	ug/l	100
5) Bromomethane	2.53	94	26139	16.032	ug/l	100
6) Chloroethane	2.67	64	34059	19.263	ug/l	96
7) Trichlorofluoromethane	2.98	101	75744	19.645	ug/l	99
8) Diethyl Ether	3.37	74	33859	19.639	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	43947	19.228	ug/l	98
10) Methyl Iodide	3.91	142	37556	12.444	ug/l	97
11) Tert butyl alcohol	4.73	59	58972	101.945	ug/l	99
12) 1,1-Dichloroethene	3.69	96	44188	18.989	ug/l	99
13) Acrolein	3.57	56	32124	76.982	ug/l	99
14) Allyl chloride	4.27	41	100290	18.325	ug/l	98
15) Acrylonitrile	4.93	53	144878	95.495	ug/l	100
16) Acetone	3.77	43	137189	92.663	ug/l	98
17) Carbon Disulfide	4.01	76	128624	17.640	ug/l	100
18) Methyl Acetate	4.28	43	68162	18.449	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	172622	19.566	ug/l	99
20) Methylene Chloride	4.50	84	55892	17.657	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	47816	18.967	ug/l	96
22) Diisopropyl ether	5.90	45	202921	18.767	ug/l	98
23) Vinyl Acetate	5.84	43	849413	94.832	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106896	19.132	ug/l	99
25) 2-Butanone	6.79	43	206415	95.466	ug/l	98
26) 2,2-Dichloropropane	6.78	77	83265	19.436	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	57736	19.773	ug/l	98
28) Bromochloromethane	7.15	49	57571	18.966	ug/l	96
29) Tetrahydrofuran	7.17	42	138629	95.232	ug/l	99
30) Chloroform	7.33	83	96978	19.223	ug/l	99
31) Cyclohexane	7.61	56	94494	17.840	ug/l	# 94
32) 1,1,1-Trichloroethane	7.53	97	81470	19.415	ug/l	99
36) 1,1-Dichloropropene	7.75	75	73396	18.591	ug/l	99
37) Ethyl Acetate	6.88	43	86101	18.652	ug/l	100
38) Carbon Tetrachloride	7.73	117	68637	19.338	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	80630	19.130	ug/l	95
40) Benzene	8.00	78	218778	18.803	ug/l	99
41) Methacrylonitrile	7.17	41	123419	63.990	ug/l #	19
42) 1,2-Dichloroethane	8.09	62	82054	19.260	ug/l	99
43) Isopropyl Acetate	8.13	43	140464	19.262	ug/l	93
44) Trichloroethene	8.80	130	49318	19.104	ug/l	100
45) 1,2-Dichloropropane	9.09	63	63900	18.918	ug/l	98
46) Dibromomethane	9.18	93	37131	19.480	ug/l	99
47) Bromodichloromethane	9.37	83	78917	19.365	ug/l	99
48) Methyl methacrylate	9.17	41	65038	18.181	ug/l	97
49) 1,4-Dioxane	9.17	88	21780	418.313	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	424707	97.507	ug/l	100
52) Toluene	10.12	92	130156	19.367	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	89423	19.586	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	95149	18.888	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52899	20.013	ug/l	98
56) Ethyl methacrylate	10.40	69	86377	18.860	ug/l	98
57) 1,3-Dichloropropane	10.68	76	96742	19.810	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	150011	95.661	ug/l	98
59) 2-Hexanone	10.72	43	305753	96.694	ug/l	98
60) Dibromochloromethane	10.87	129	55026	19.199	ug/l	99
61) 1,2-Dibromoethane	10.98	107	53227	19.948	ug/l	99
64) Tetrachloroethene	10.60	164	41423	19.685	ug/l	95
65) Chlorobenzene	11.40	112	137186	19.905	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	49498	19.476	ug/l	98
67) Ethyl Benzene	11.48	91	252100	19.487	ug/l	98
68) m/p-Xylenes	11.59	106	179973	39.298	ug/l	98
69) o-Xylene	11.92	106	87042	19.521	ug/l	99
70) Styrene	11.94	104	146569	19.889	ug/l	99
71) Bromoform	12.10	173	36640	19.666	ug/l #	99
73) Isopropylbenzene	12.22	105	235488	19.567	ug/l	99
74) N-amyl acetate	12.05	43	112901	19.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79380	19.616	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	102226	26.788	ug/l #	100
77) Bromobenzene	12.50	156	53331	19.492	ug/l	97
78) n-propylbenzene	12.56	91	274530	19.528	ug/l	100
79) 2-Chlorotoluene	12.65	91	167172	19.593	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	199343	20.205	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25804	18.099	ug/l	99
82) 4-Chlorotoluene	12.75	91	168989	19.509	ug/l	99
83) tert-Butylbenzene	12.97	119	164974	19.704	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	195982	19.985	ug/l	100
85) sec-Butylbenzene	13.15	105	220043	19.833	ug/l	100
86) p-Isopropyltoluene	13.26	119	192274	20.080	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	93507	19.811	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	91519	18.844	ug/l	97
89) n-Butylbenzene	13.59	91	162996	19.278	ug/l	99
90) Hexachloroethane	13.85	117	35367	18.776	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	91596	20.071	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14708	19.917	ug/l	98

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

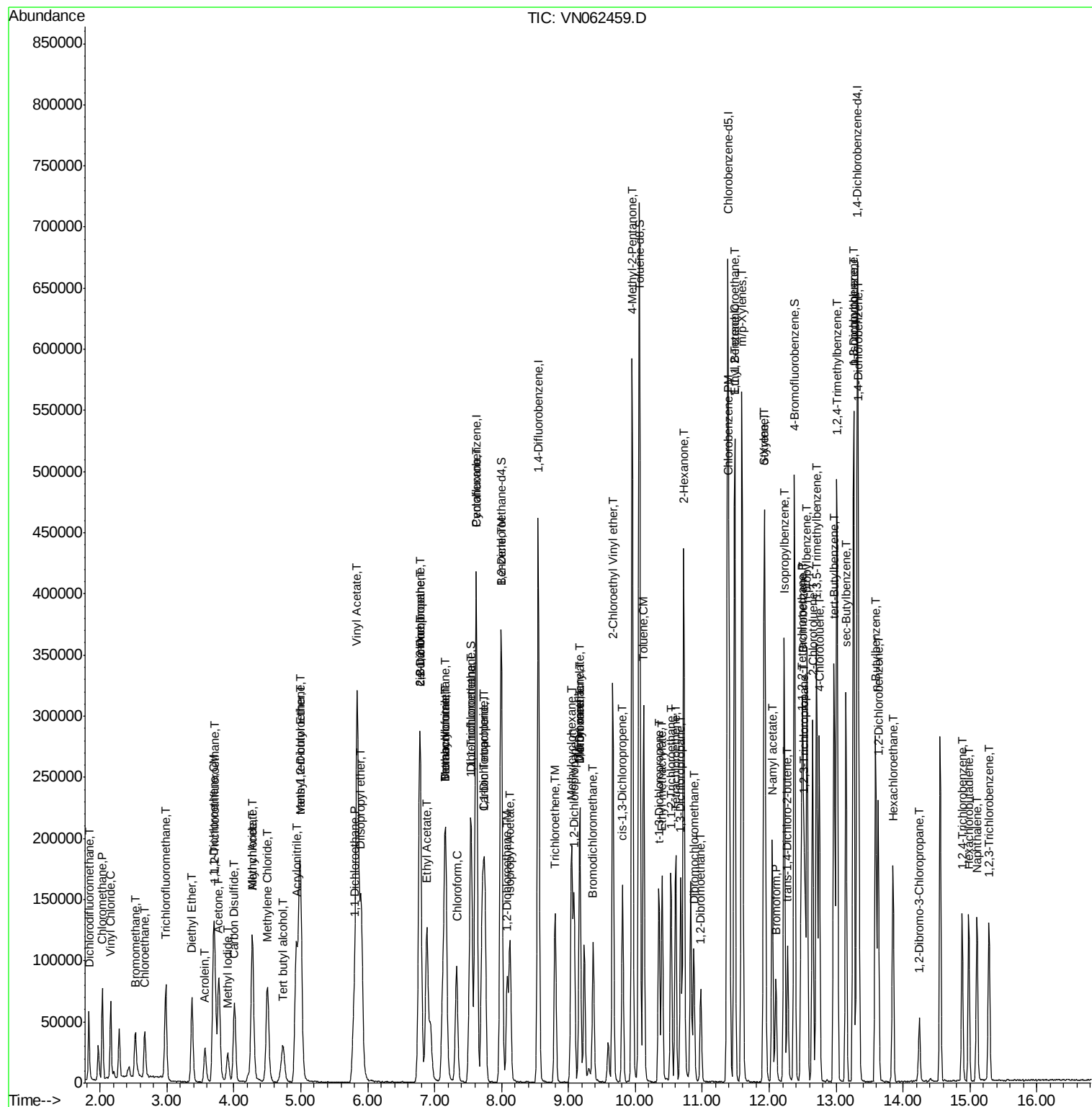
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41047	18.977	ug/l	99
94) Hexachlorobutadiene	14.98	225	24445	20.174	ug/l	99
95) Naphthalene	15.10	128	111174	20.129	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	42513	19.406	ug/l	98

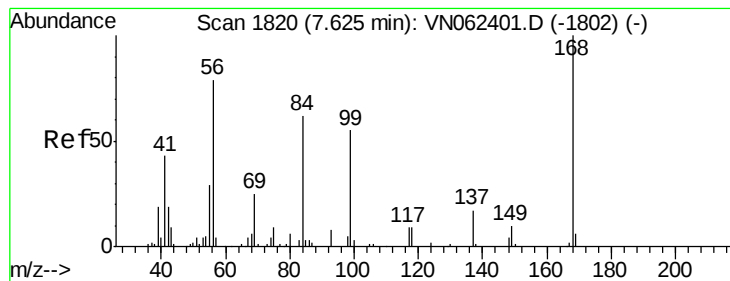
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

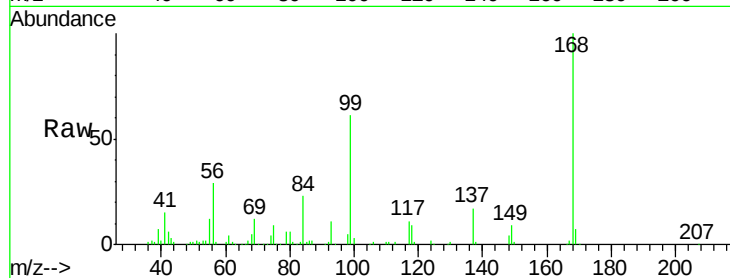
VN0709WBS02

Tot Ion:168 Resp: 226717

Ion Ratio Lower Upper

168 100

99 60.7 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

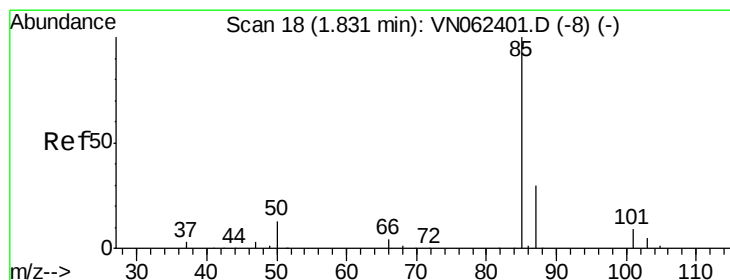
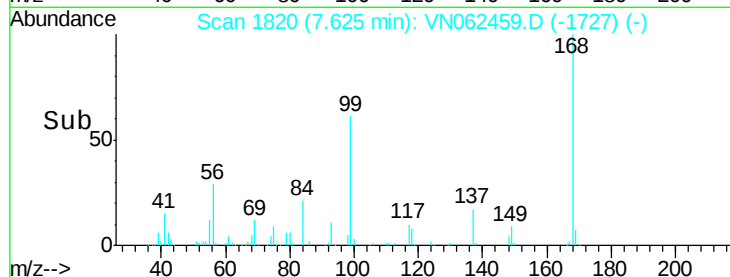
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.799 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062459.D

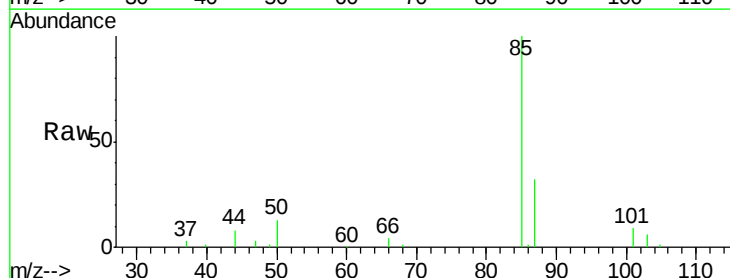
Acq: 9 Jul 2020 16:58

Tgt Ion: 85 Resp: 43414

Ion Ratio Lower Upper

85 100

87 32.5 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

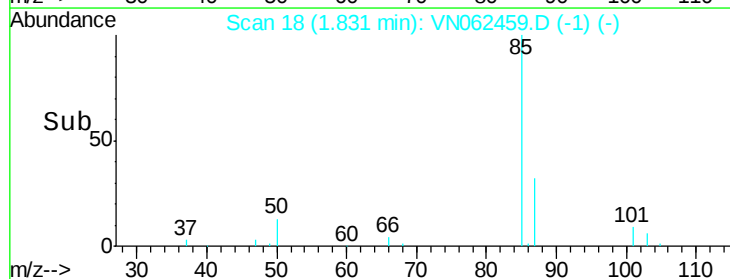
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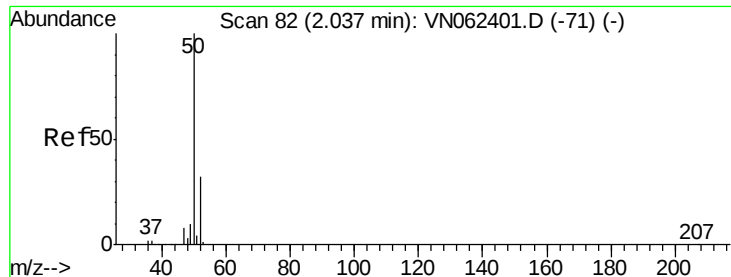
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.263 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

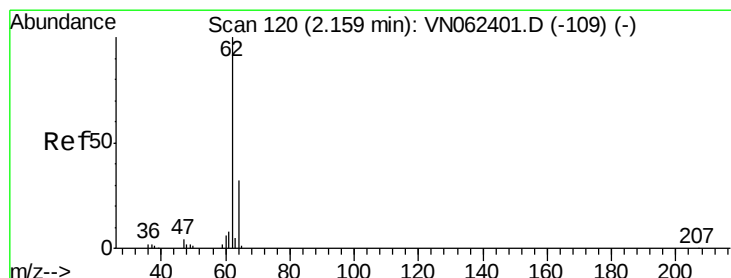
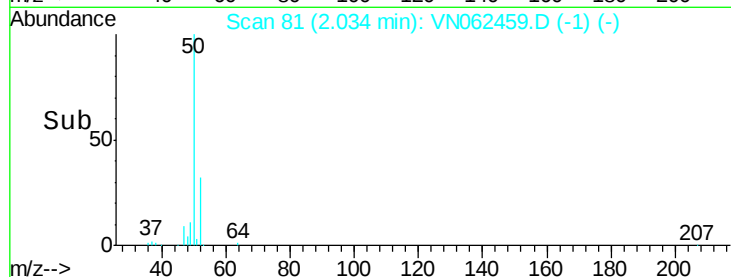
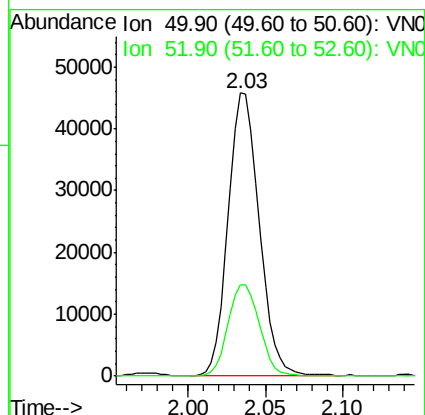
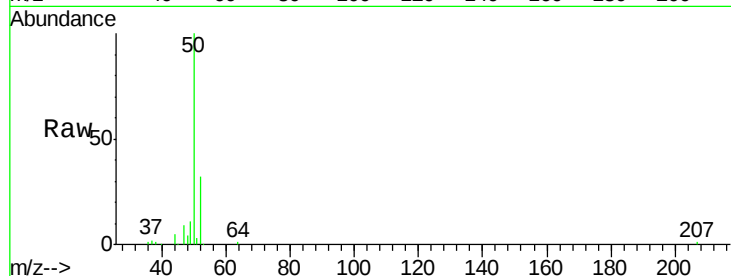
VN0709WBS02

Tot Ion: 50 Resp: 63969

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3



#4

Vinyl Chloride

Concen: 18.866 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062459.D

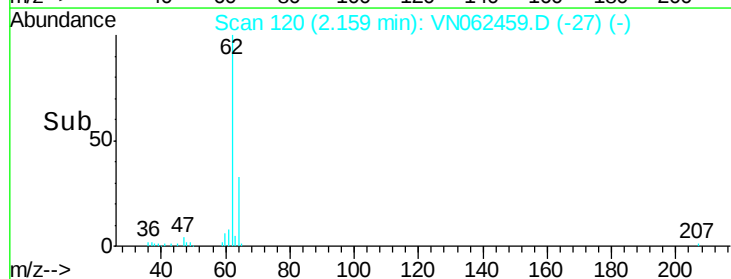
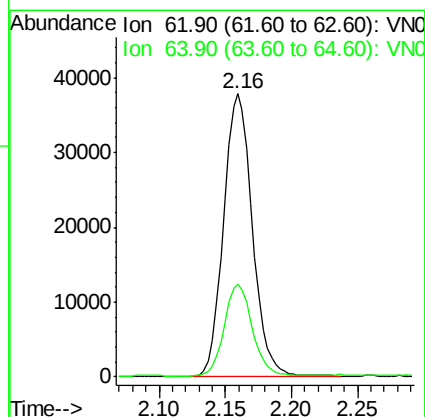
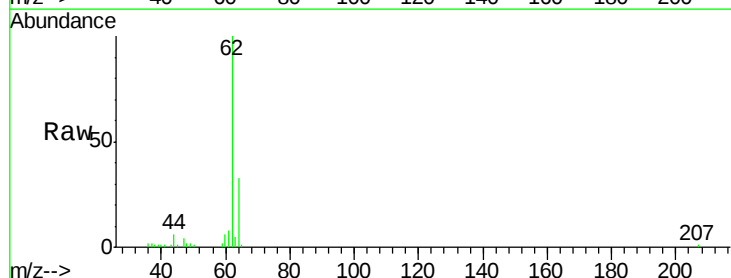
Acq: 9 Jul 2020 16:58

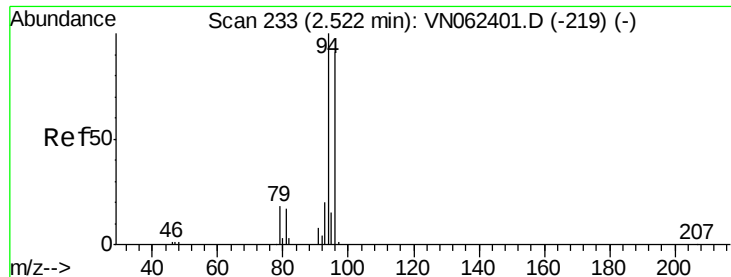
Tgt Ion: 62 Resp: 57273

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 16.032 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

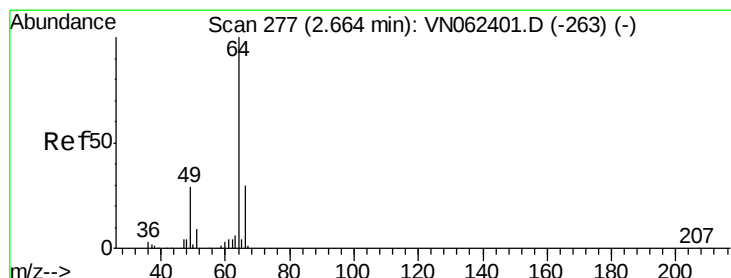
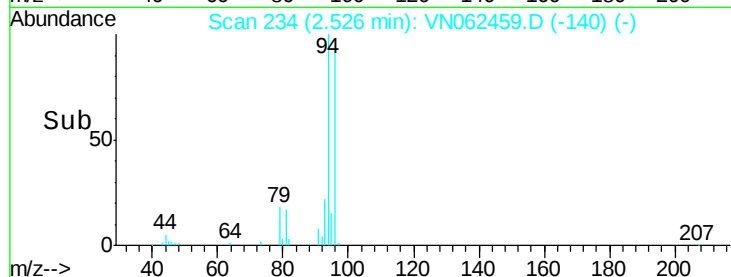
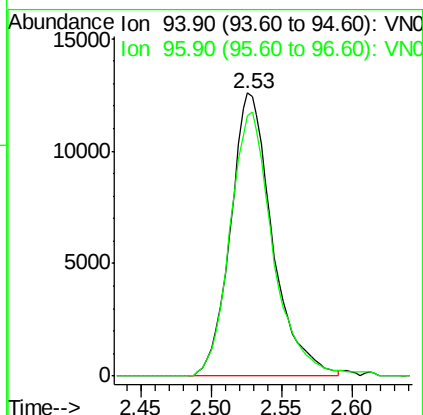
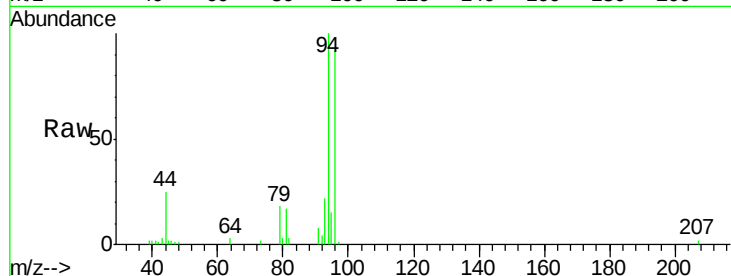
VN0709WBS02

Tot Ion: 94 Resp: 26139

Ion Ratio Lower Upper

94 100

96 91.9 73.2 109.8



#6

Chloroethane

Concen: 19.263 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062459.D

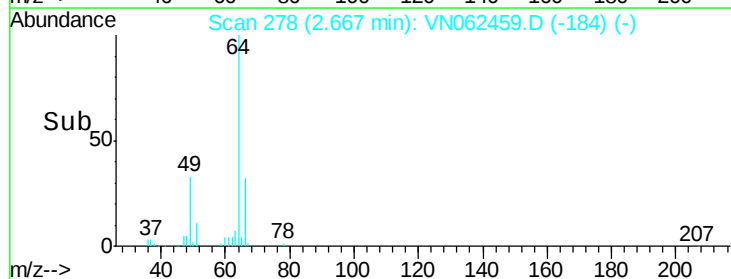
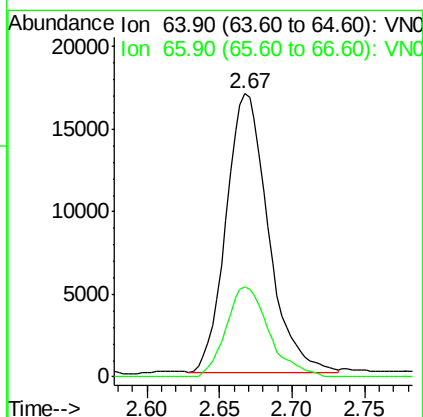
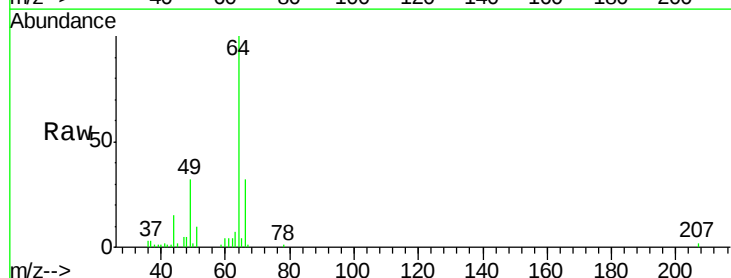
Acq: 9 Jul 2020 16:58

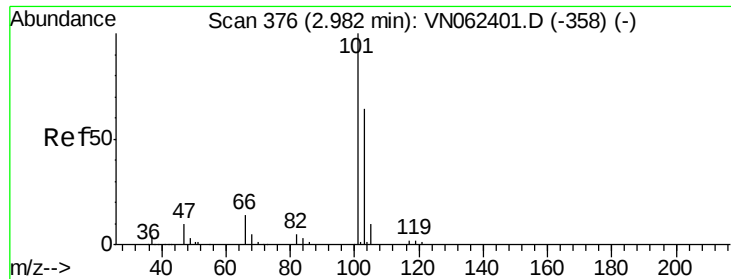
Tgt Ion: 64 Resp: 34059

Ion Ratio Lower Upper

64 100

66 32.2 24.2 36.2



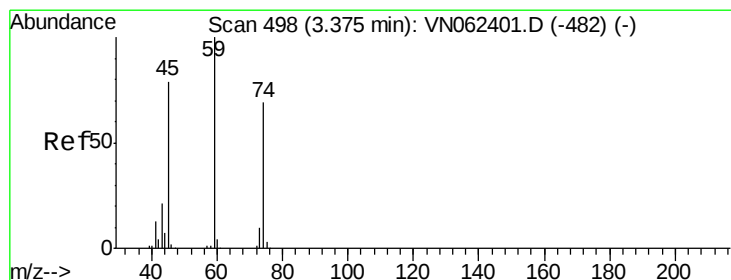
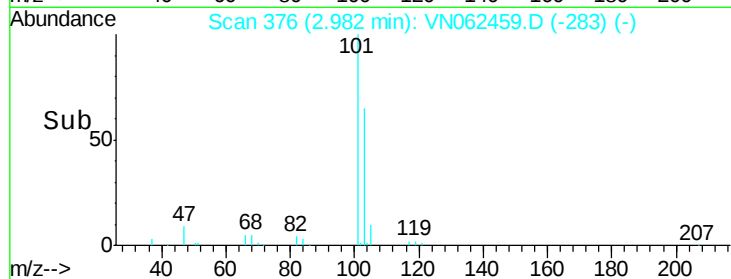
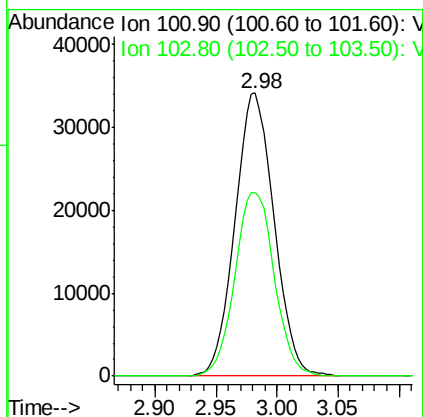
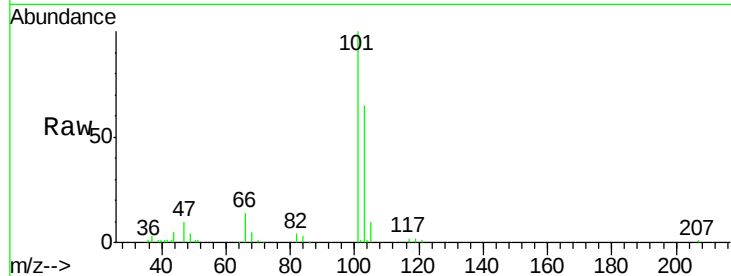


#7

Trichlorofluoromethane
 Concen: 19.645 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Instrument :
 MSVOA_N
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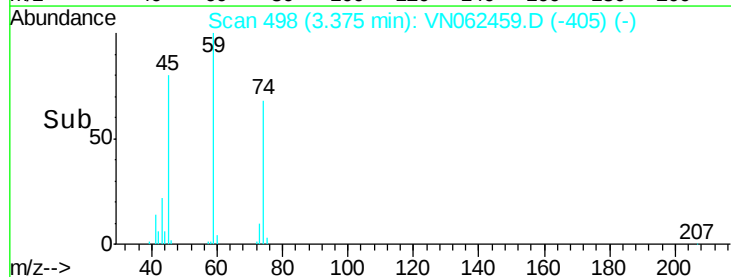
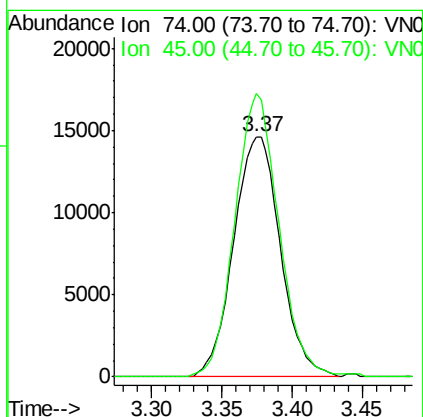
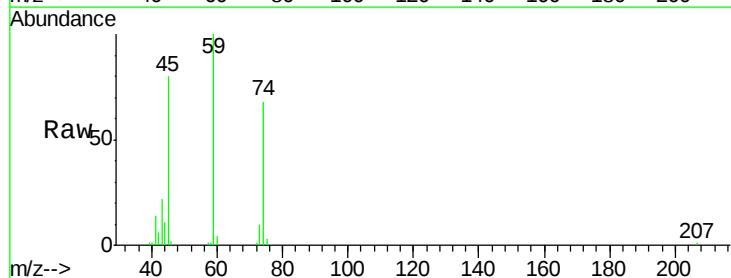
Tot Ion:101 Resp: 75744
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.6 77.4

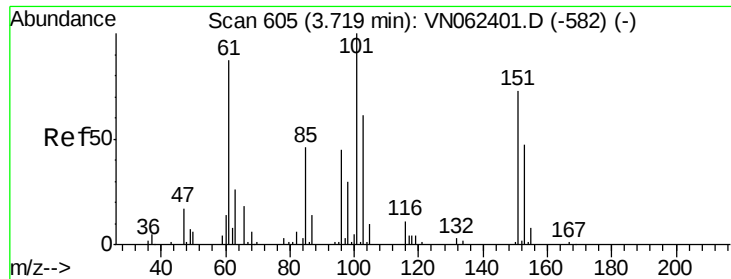


#8

Diethyl Ether
 Concen: 19.639 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion: 74 Resp: 33859
 Ion Ratio Lower Upper
 74 100
 45 111.6 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.228 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

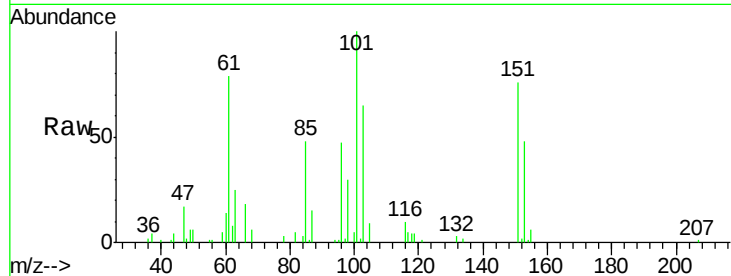
Tot Ion:101 Resp: 43947

Ion Ratio Lower Upper

101 100

85 47.3 36.7 55.1

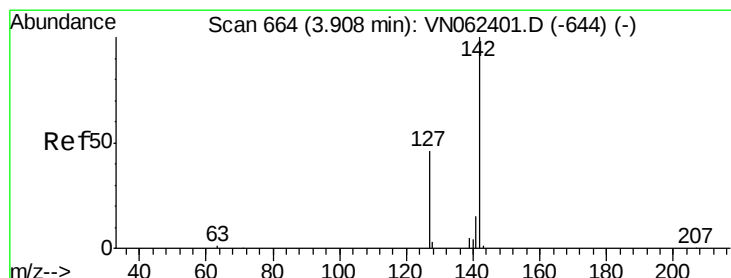
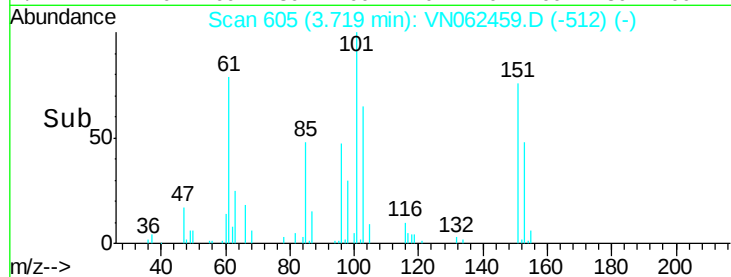
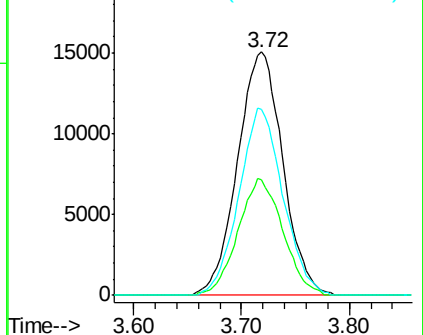
151 74.9 58.3 87.5



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: 12.444 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

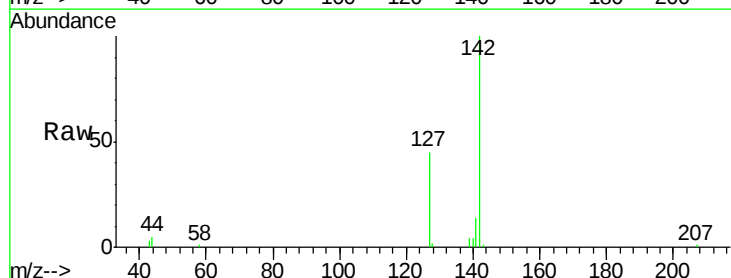
Tgt Ion:142 Resp: 37556

Ion Ratio Lower Upper

142 100

127 43.2 36.1 54.1

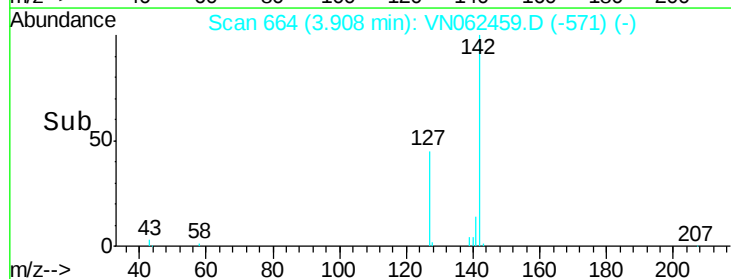
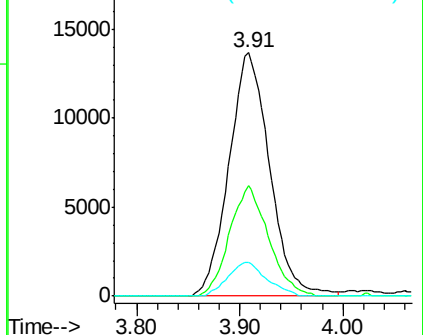
141 13.3 11.4 17.0

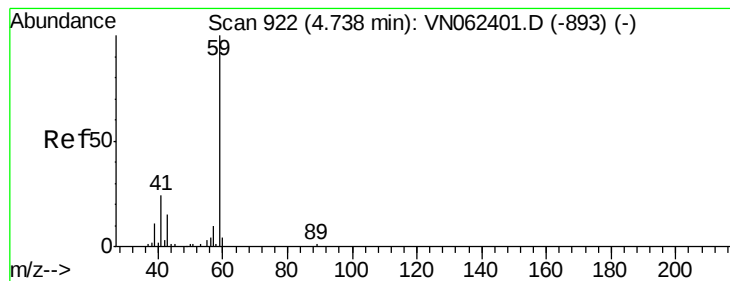


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



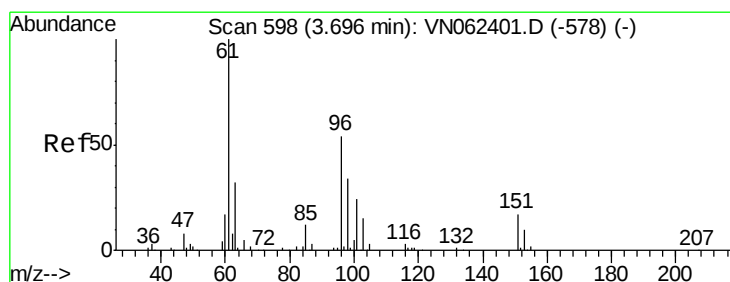
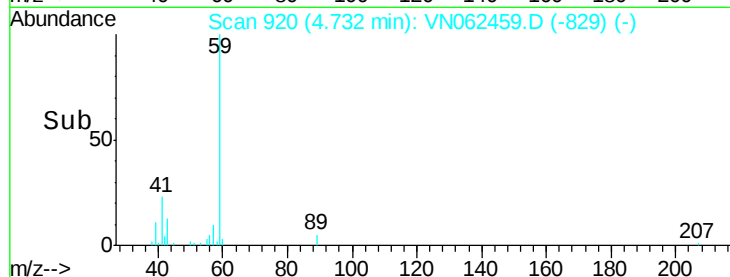
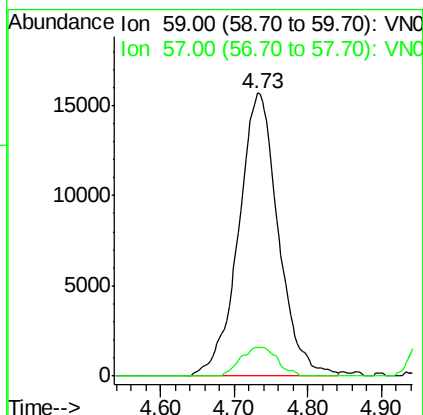
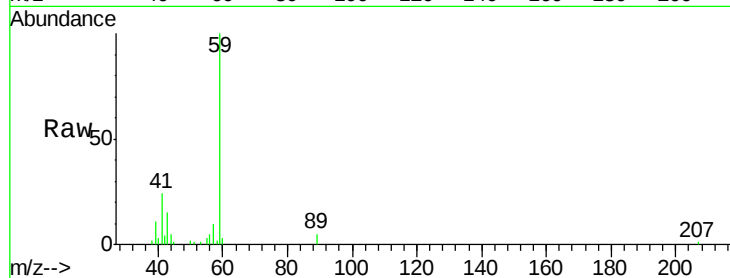


#11

Tert butyl alcohol
 Concen: 101.945 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

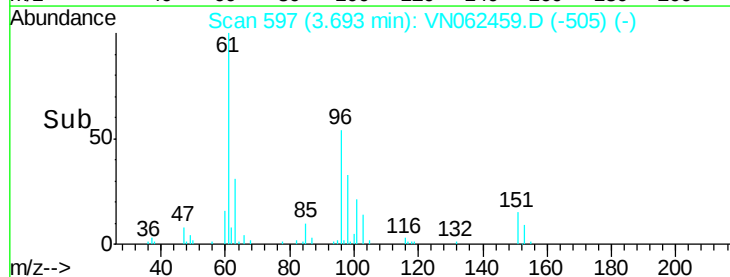
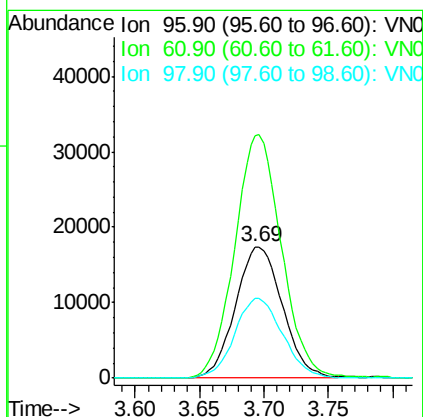
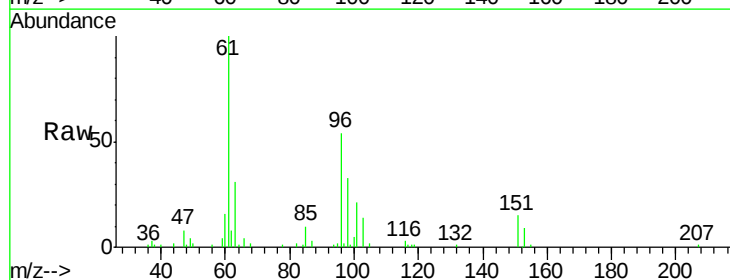
Tot Ion: 59 Resp: 58972
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.8 11.6

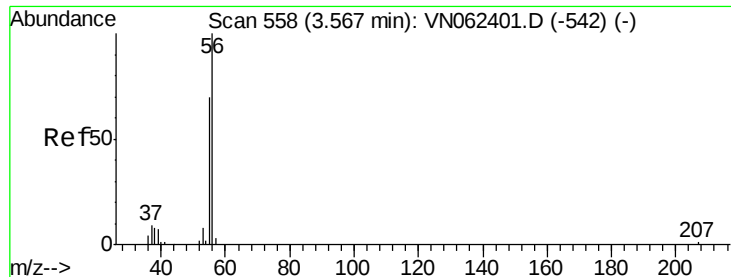


#12

1,1-Dichloroethene
 Concen: 18.989 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion: 96 Resp: 44188
 Ion Ratio Lower Upper
 96 100
 61 185.2 147.4 221.0
 98 60.8 50.4 75.6





#13

Acrolein

Concen: 76.982 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

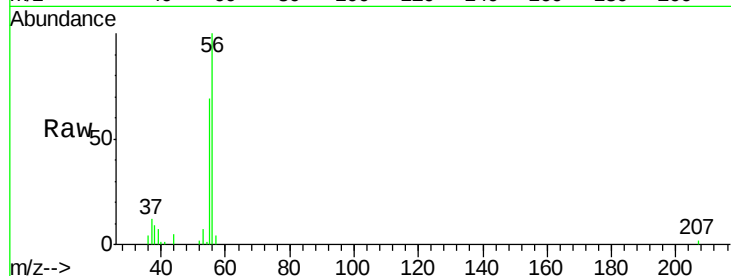
VN0709WBS02

Tot Ion: 56 Resp: 32124

Ion Ratio Lower Upper

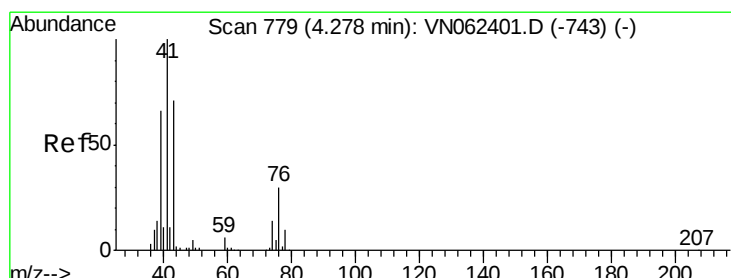
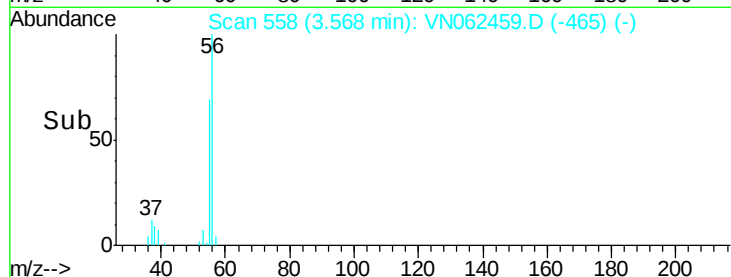
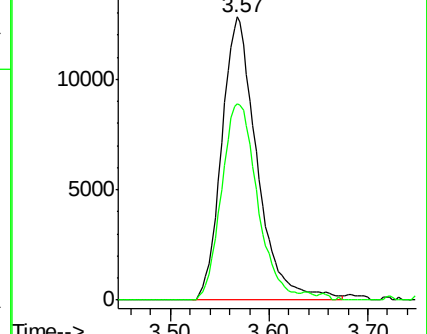
56 100

55 70.3 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.325 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

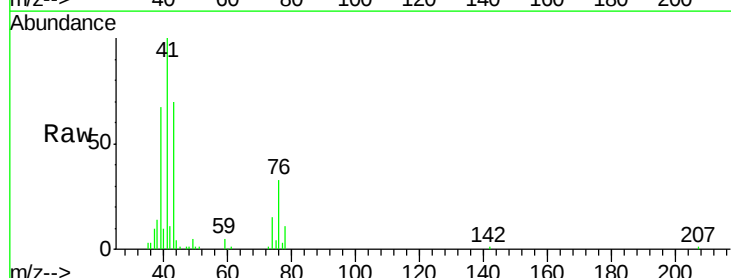
Tgt Ion: 41 Resp: 100290

Ion Ratio Lower Upper

41 100

39 63.4 49.6 74.4

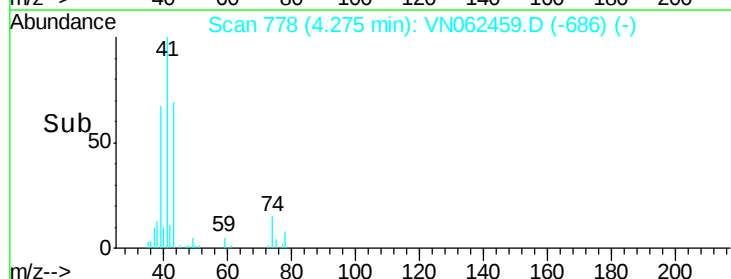
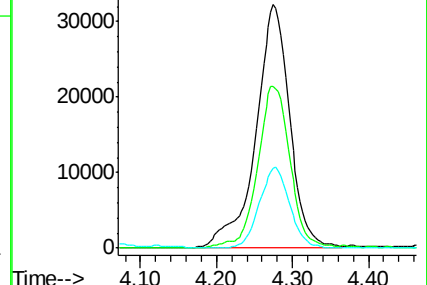
76 29.4 22.2 33.4

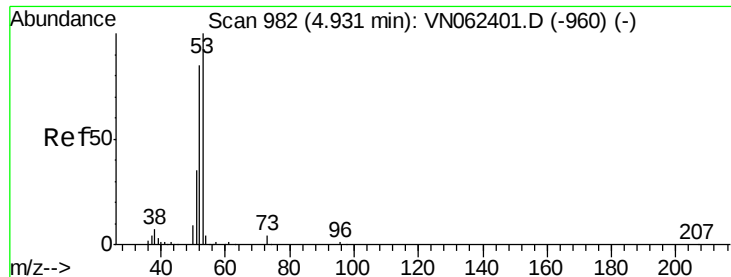


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.495 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

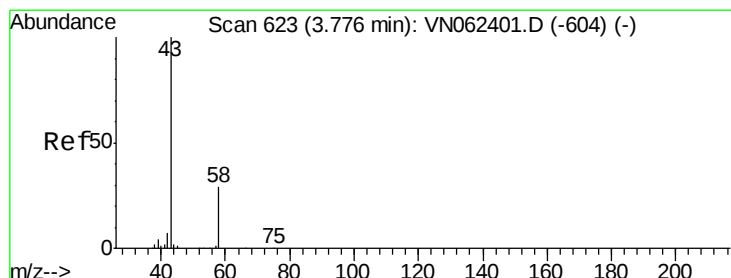
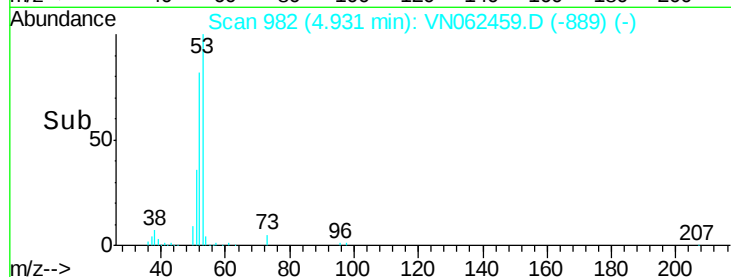
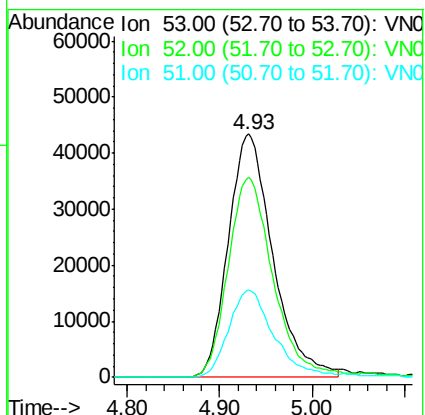
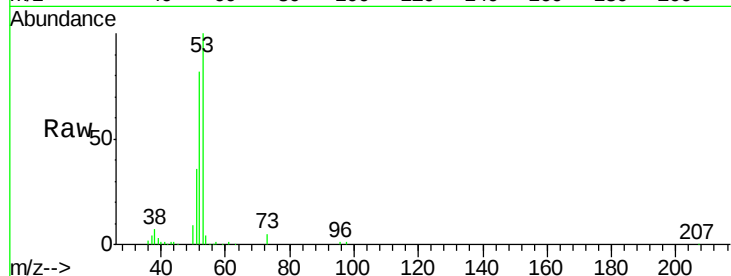
Tot Ion: 53 Resp: 144878

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.4

51 36.3 28.7 43.1



#16

Acetone

Concen: 92.663 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062459.D

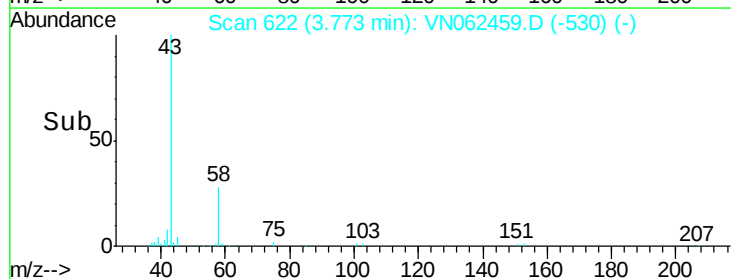
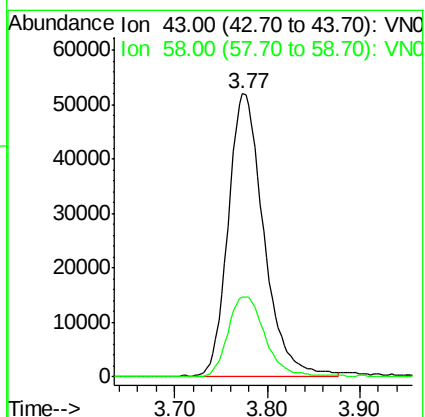
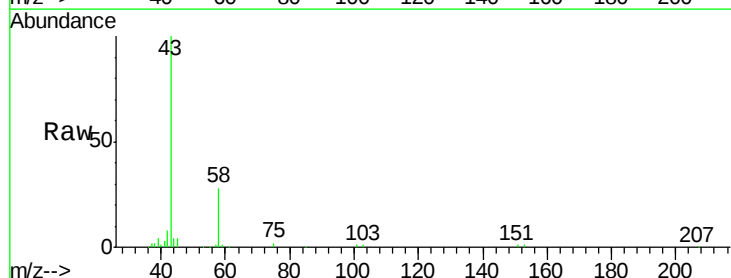
Acq: 9 Jul 2020 16:58

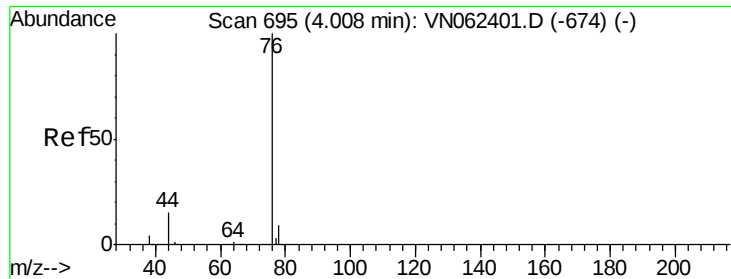
Tgt Ion: 43 Resp: 137189

Ion Ratio Lower Upper

43 100

58 28.2 23.5 35.3

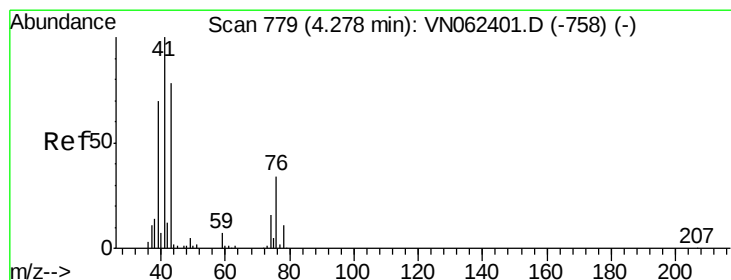
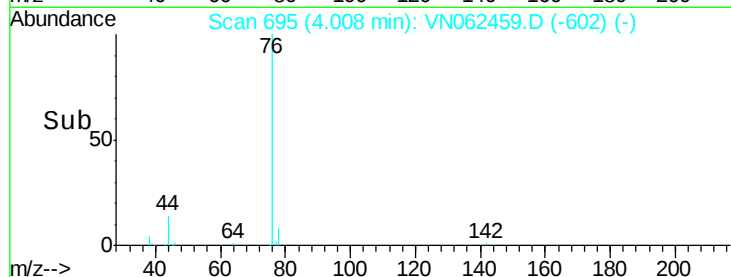
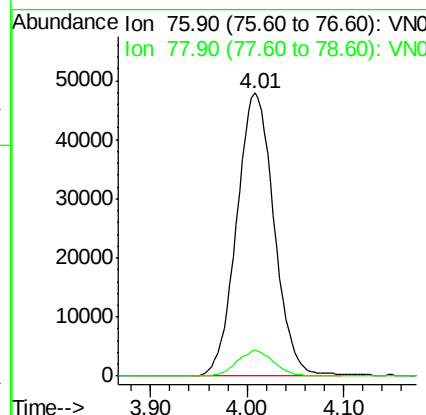
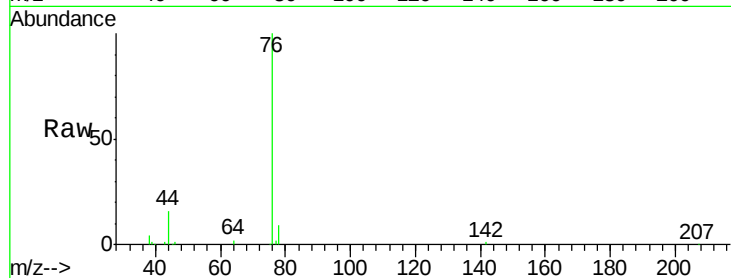




#17
Carbon Disulfide
Concen: 17.640 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

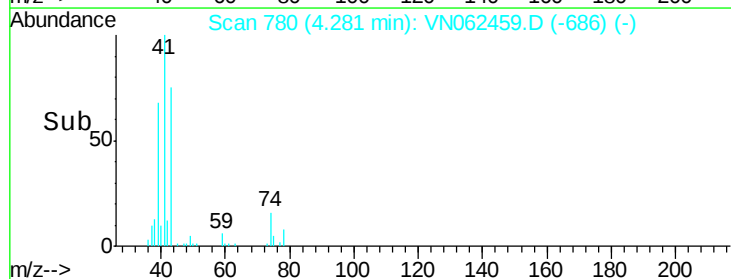
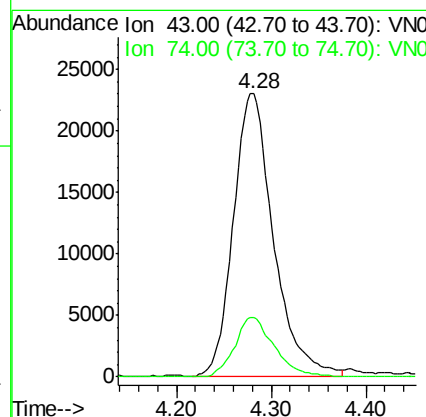
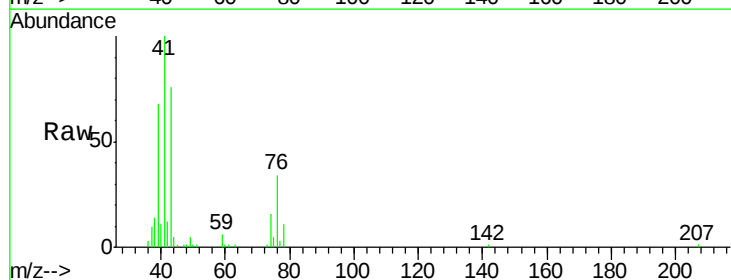
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

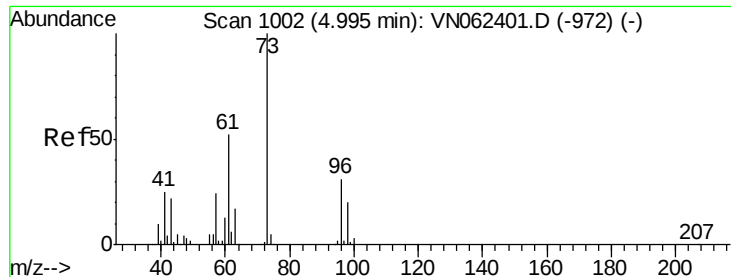
Tot Ion: 76 Resp: 128624
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 18.449 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 43 Resp: 68162
Ion Ratio Lower Upper
43 100
74 20.6 16.0 24.0

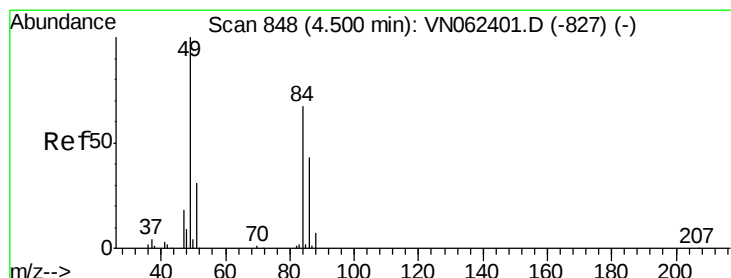
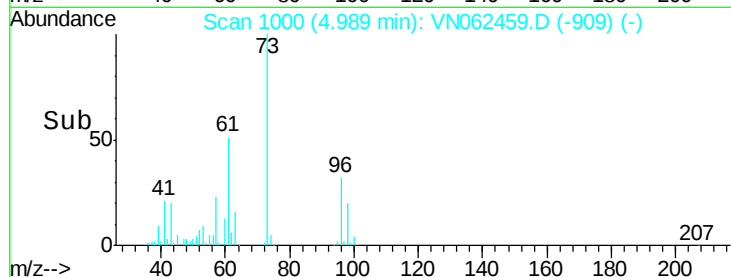
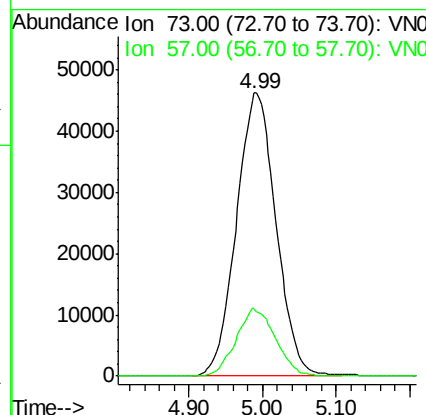
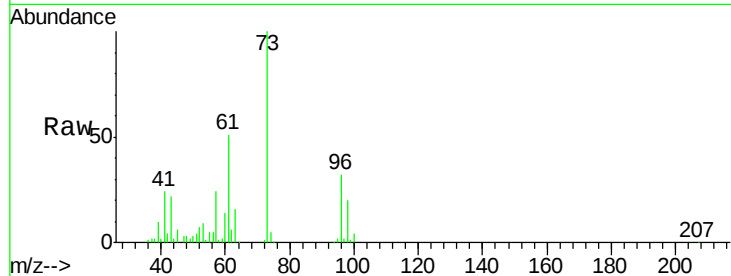




#19
Methvl tert-butvl Ether
Concen: 19.566 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

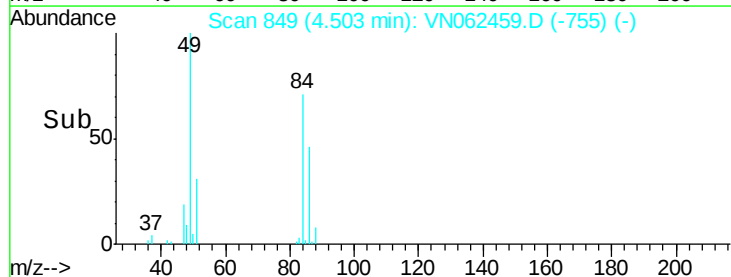
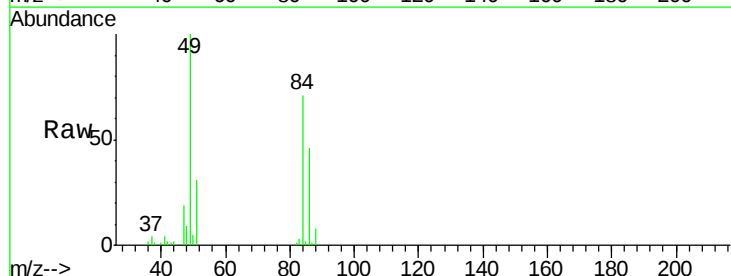
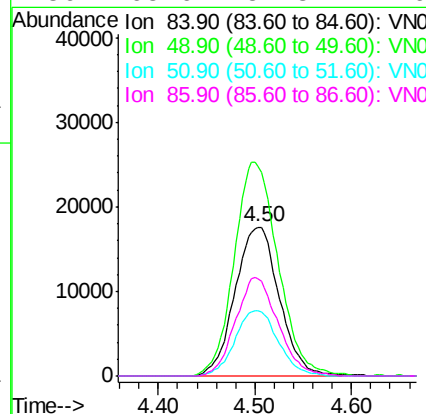
Instrument :
MSVOA_N
ClientSampled :
VN0709WBS02

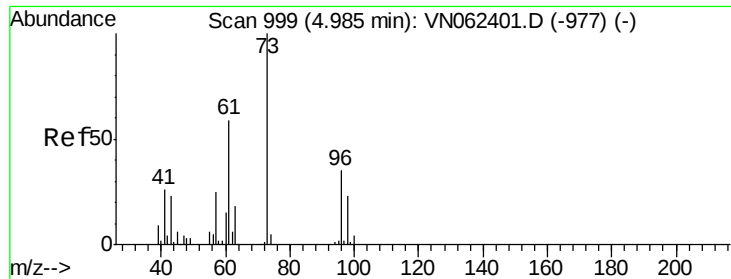
Tot Ion: 73 Resp: 172622
Ion Ratio Lower Upper
73 100
57 23.6 19.4 29.0



#20
Methylene Chloride
Concen: 17.657 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 84 Resp: 55892
Ion Ratio Lower Upper
84 100
49 141.2 120.0 180.0
51 43.9 37.0 55.6
86 65.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.967 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

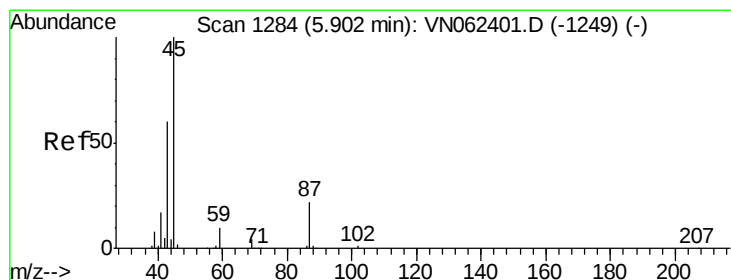
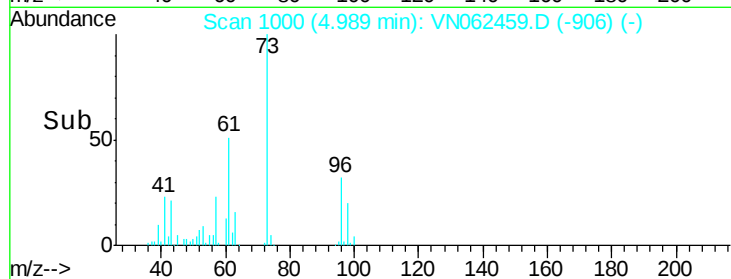
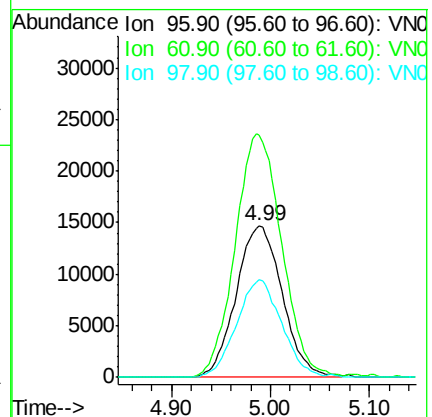
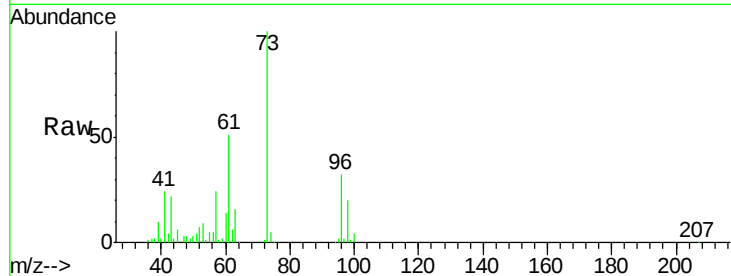
Tot Ion: 96 Resp: 47816

Ion Ratio Lower Upper

96 100

61 159.3 133.5 200.3

98 64.2 51.9 77.9



#22

Diisopropyl ether

Concen: 18.767 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Tgt Ion: 45 Resp: 202921

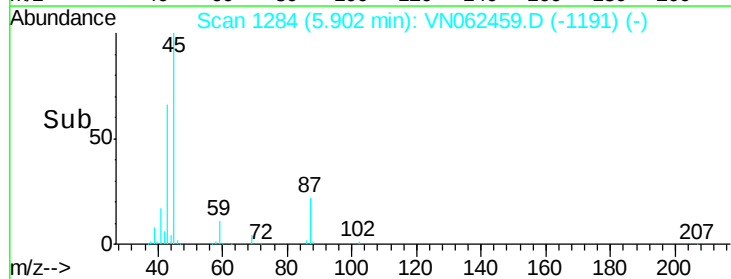
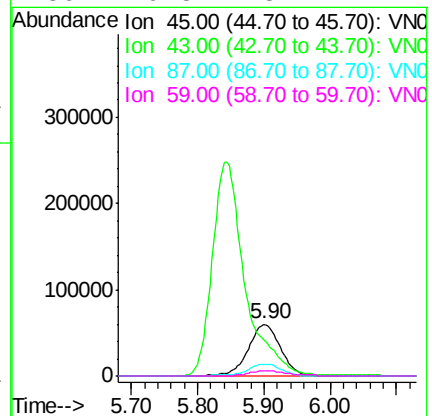
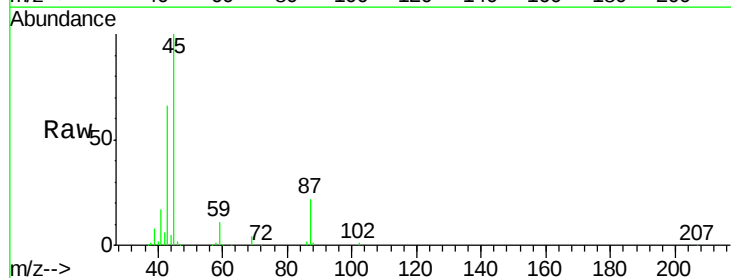
Ion Ratio Lower Upper

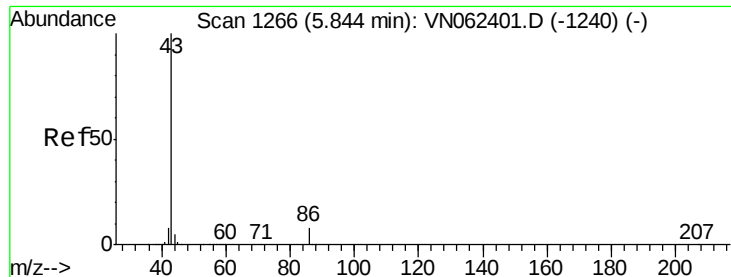
45 100

43 64.1 50.1 75.1

87 22.1 18.2 27.4

59 10.8 8.2 12.2

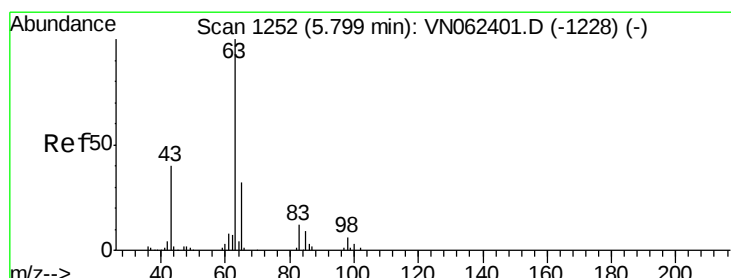
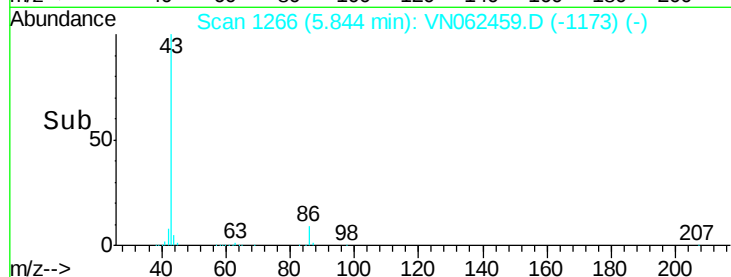
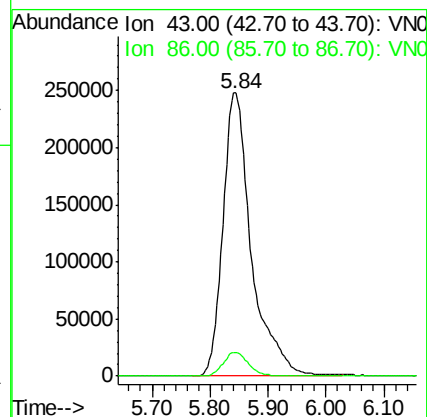
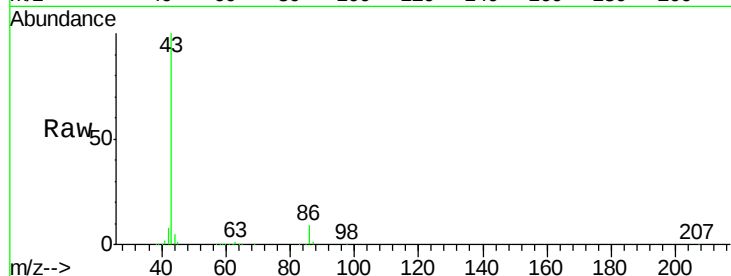




#23
 Vinyl Acetate
 Concen: 94.832 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

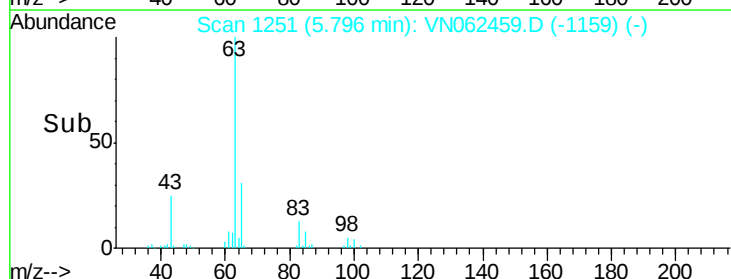
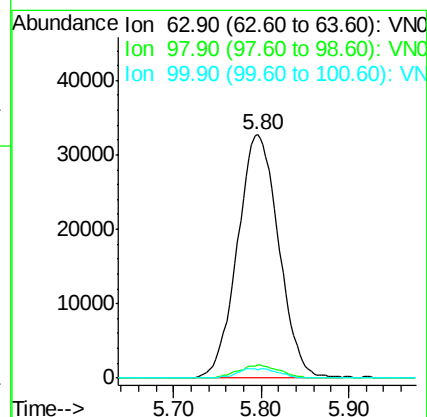
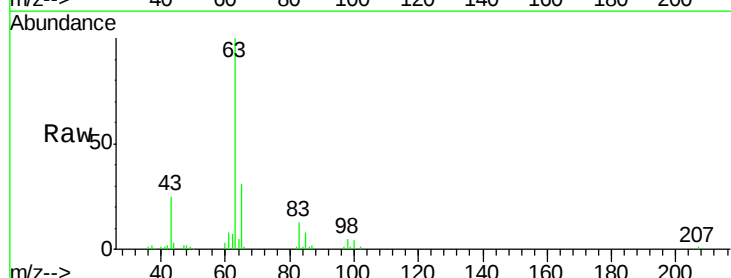
Instrument :
 MSVOA_N
 ClientSampled :
 VN0709WBS02

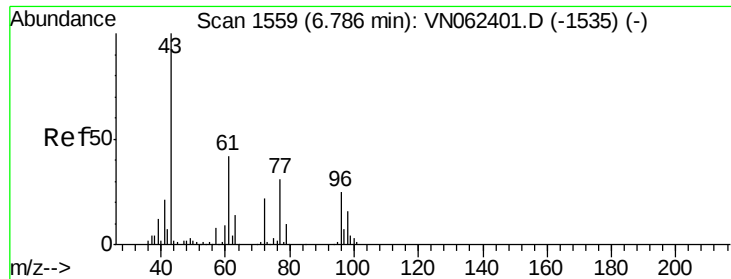
Tot Ion: 43 Resp: 849413
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 19.132 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion: 63 Resp: 106896
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.9 8.8
 100 3.6 1.8 5.3

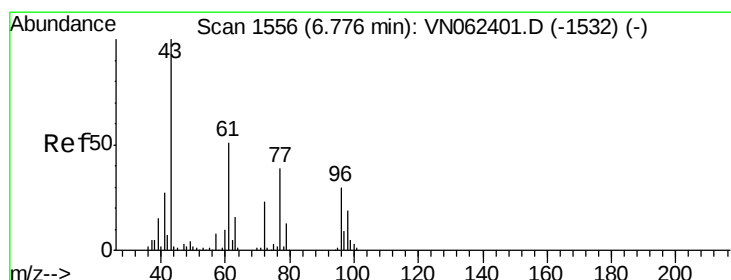
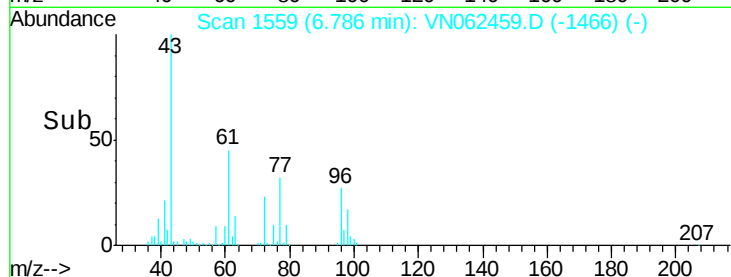
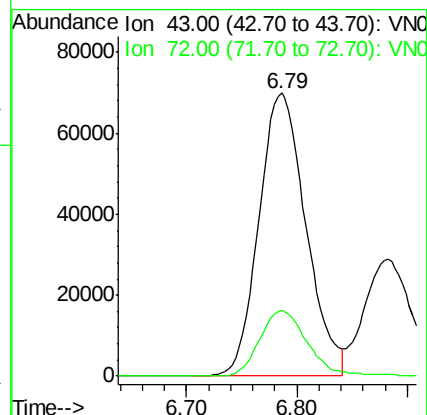
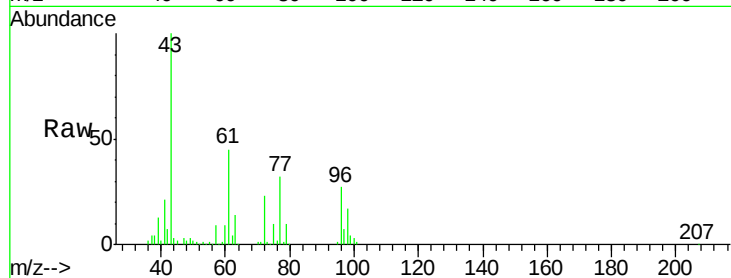




#25
2-Butanone
Concen: 95.466 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

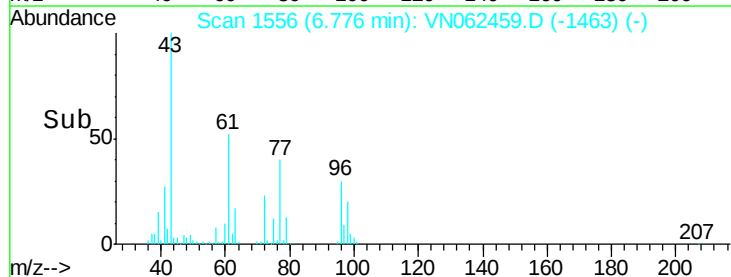
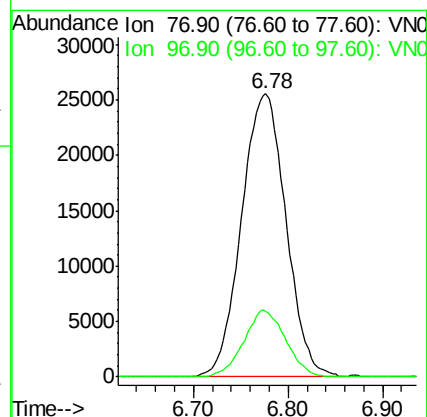
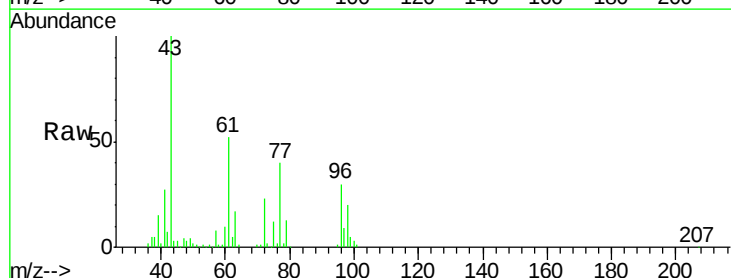
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

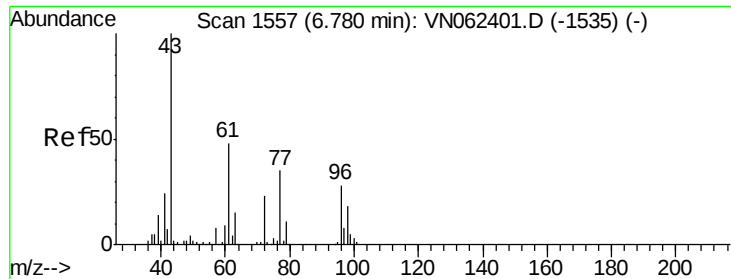
Tot Ion: 43 Resp: 206415
Ion Ratio Lower Upper
43 100
72 23.3 17.9 26.9



#26
2,2-Dichloropropane
Concen: 19.436 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 77 Resp: 83265
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.773 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

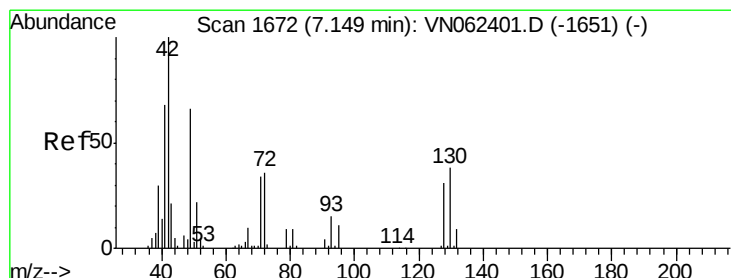
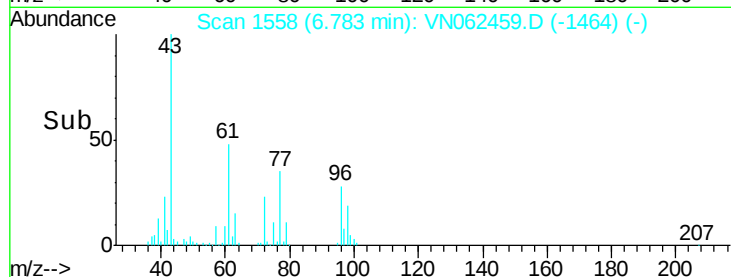
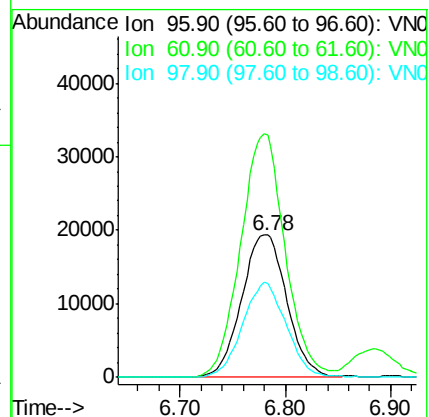
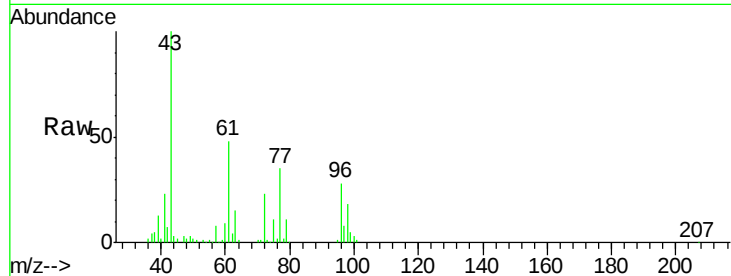
Tot Ion: 96 Resp: 57736

Ion Ratio Lower Upper

96 100

61 168.0 0.0 343.4

98 64.0 0.0 128.4



#28

Bromochloromethane

Concen: 18.966 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

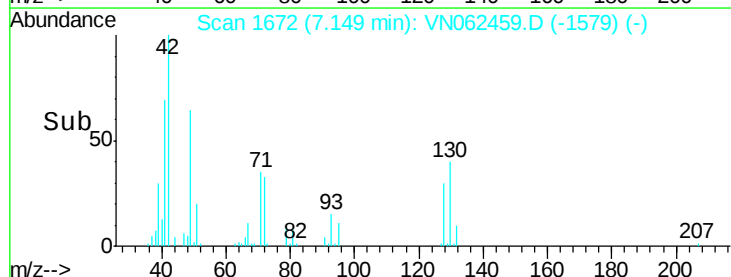
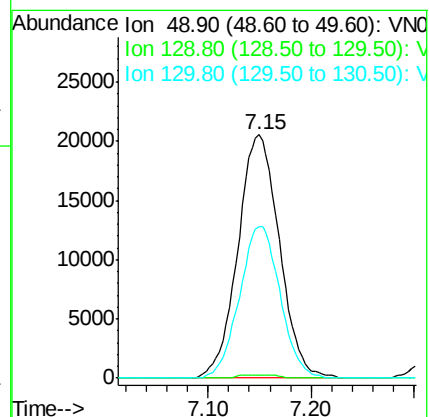
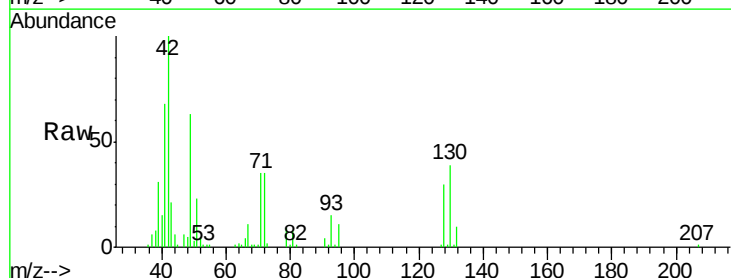
Tgt Ion: 49 Resp: 57571

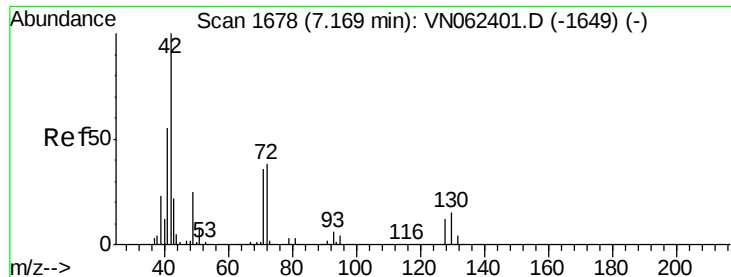
Ion Ratio Lower Upper

49 100

129 0.6 0.0 2.8

130 60.9 46.5 69.7

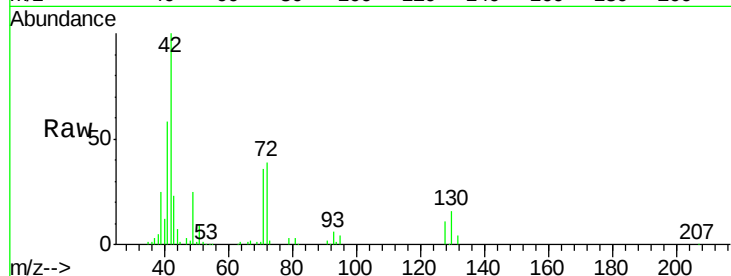




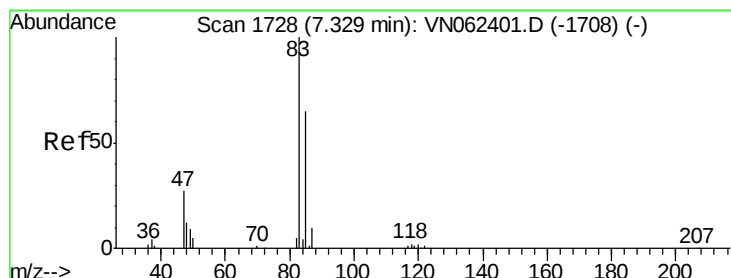
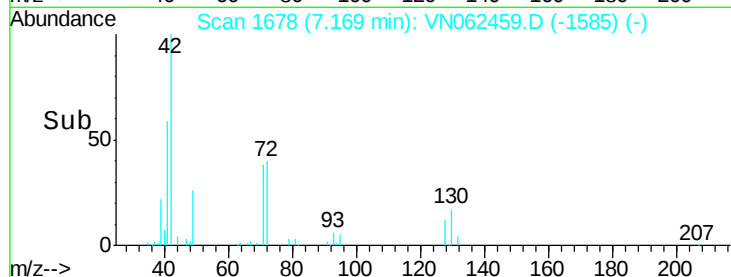
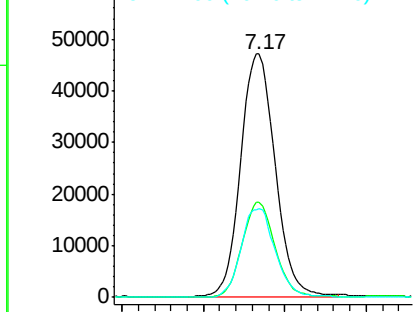
#29
Tetrahydrofuran
Concen: 95.232 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Tot Ion: 42 Resp: 138629
Ion Ratio Lower Upper
42 100
72 37.1 29.1 43.7
71 35.7 28.1 42.1

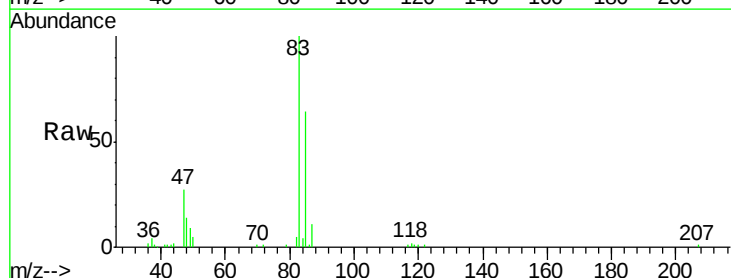


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

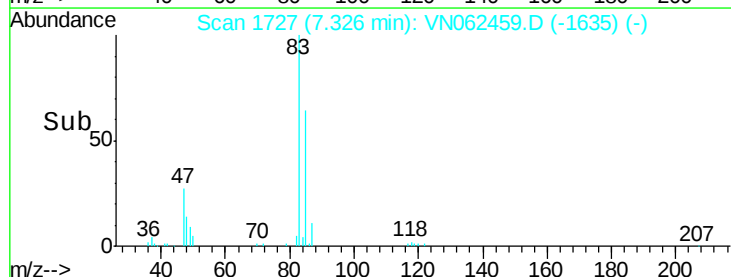
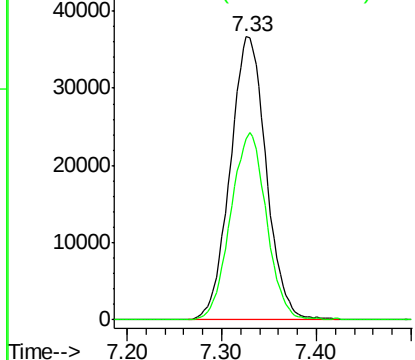


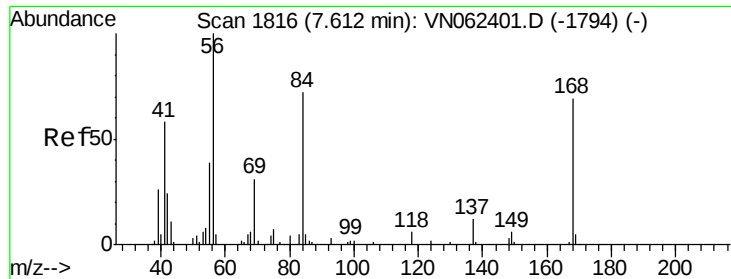
#30
Chloroform
Concen: 19.223 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 83 Resp: 96978
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

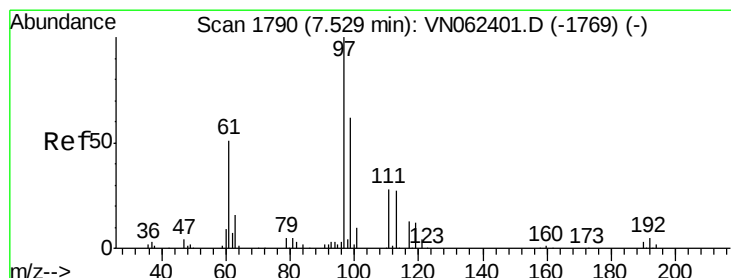
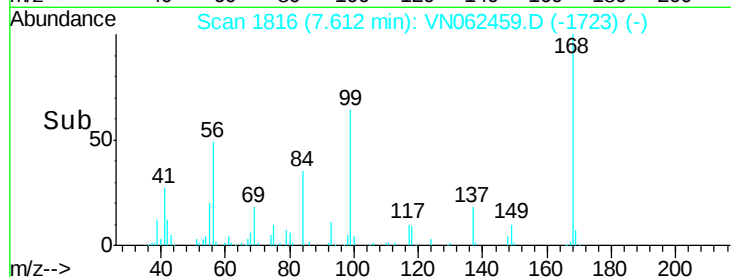
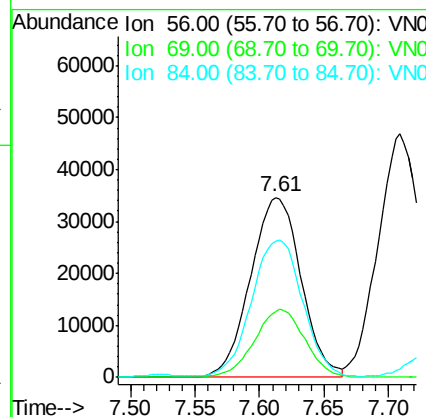
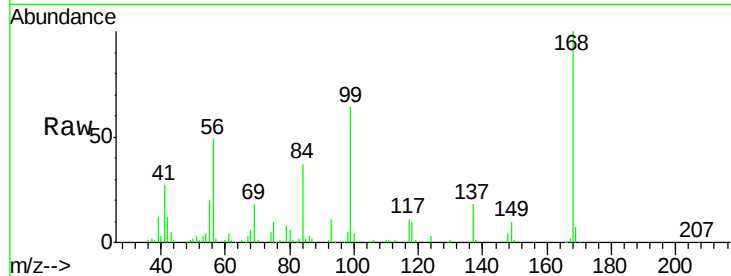




#31
Cyclohexane
Concen: 17.840 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

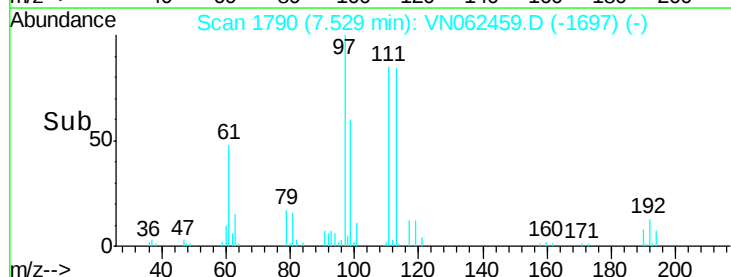
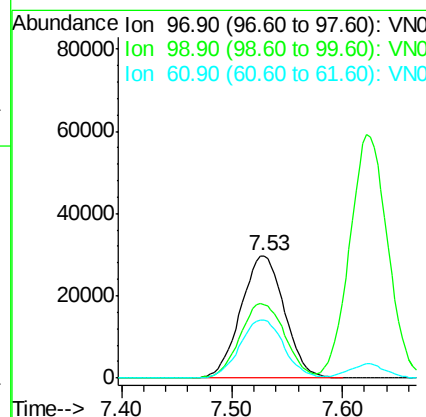
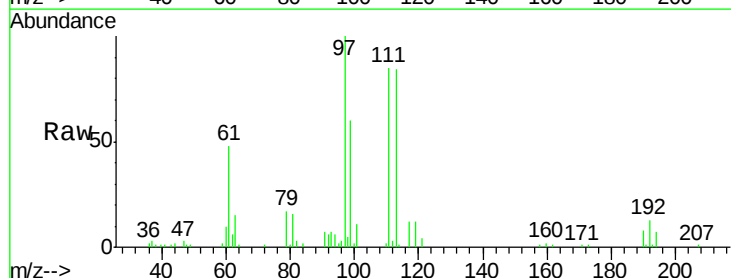
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

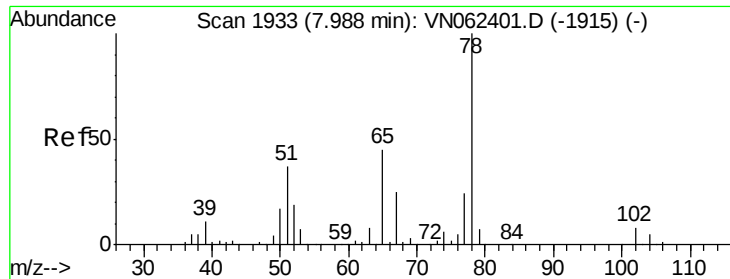
Tot Ion: 56 Resp: 94494
Ion Ratio Lower Upper
56 100
69 36.8 24.5 36.7#
84 74.8 57.4 86.2



#32
1,1,1-Trichloroethane
Concen: 19.415 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 97 Resp: 81470
Ion Ratio Lower Upper
97 100
99 62.7 50.4 75.6
61 48.1 39.9 59.9

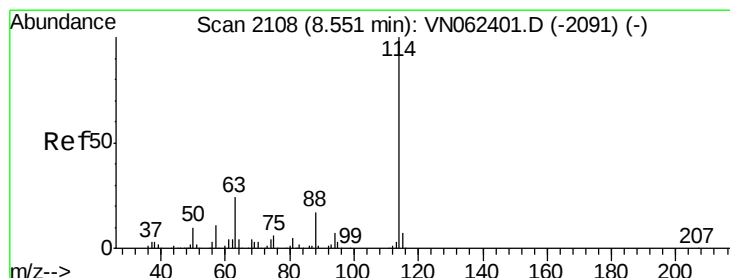
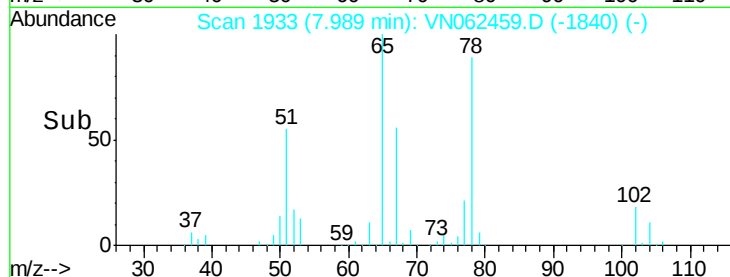
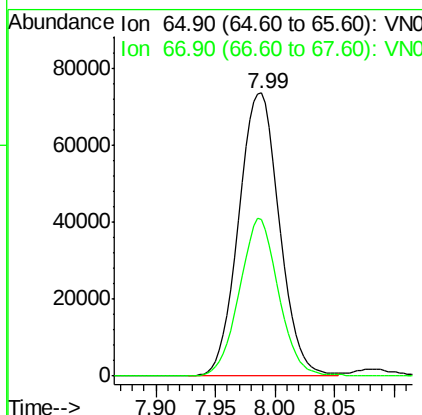
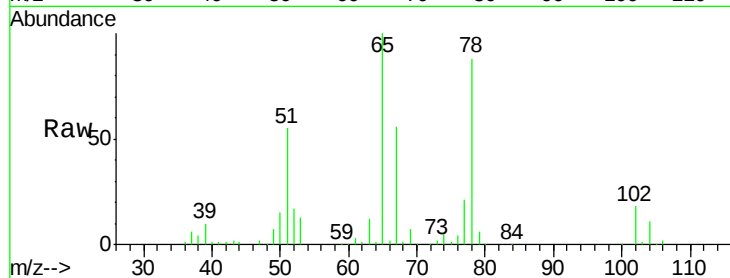




#33
 1,2-Dichloroethane-d4
 Concen: 50.285 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

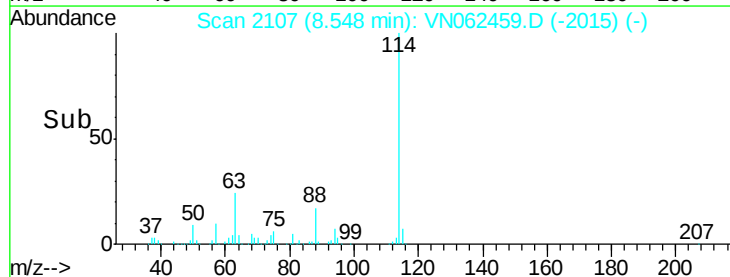
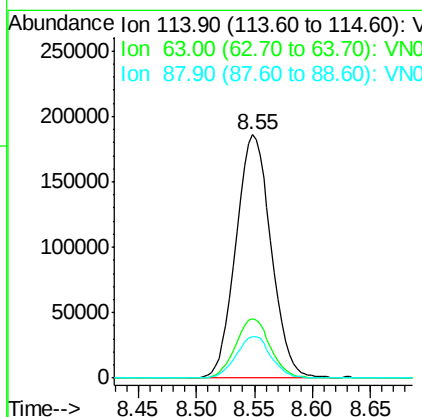
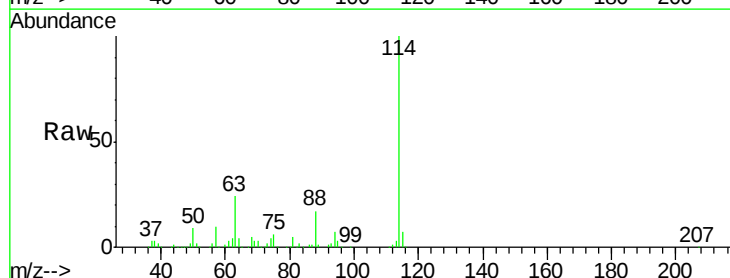
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

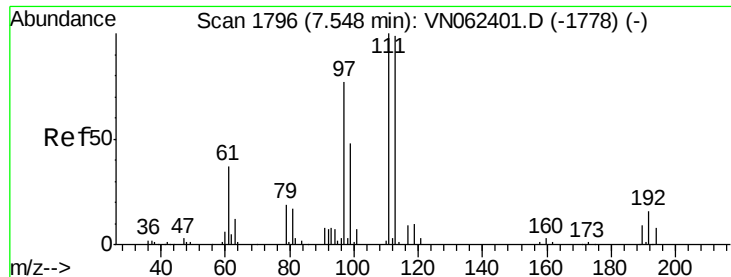
Tot Ion: 65 Resp: 175353
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion: 114 Resp: 391853
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.4
 88 17.1 0.0 33.8

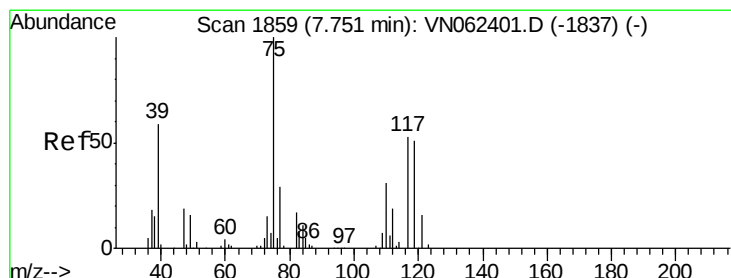
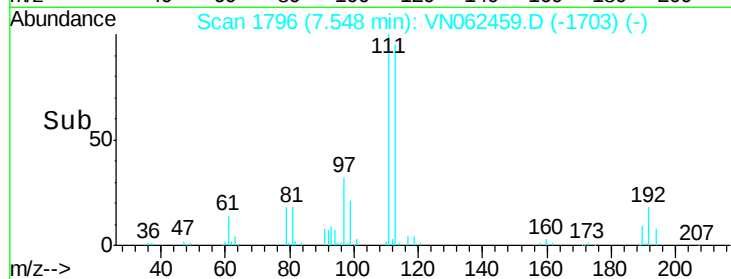
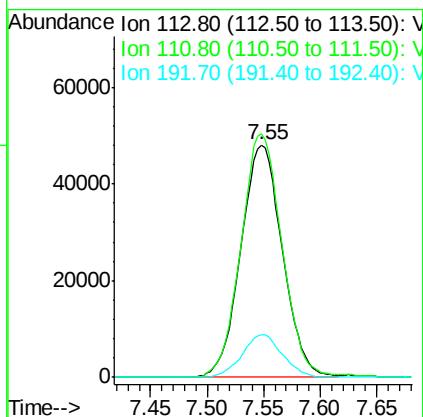
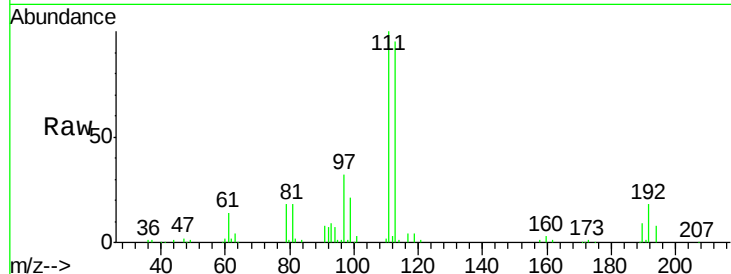




#35
 Dibromofluoromethane
 Concen: 50.703 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

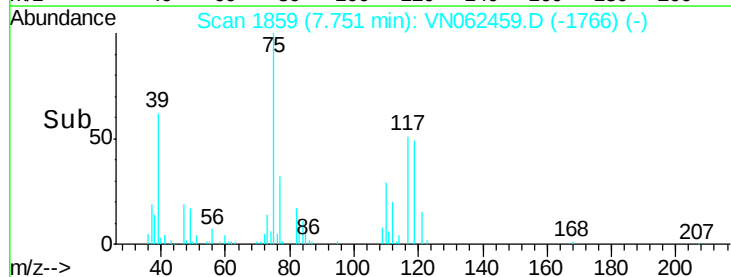
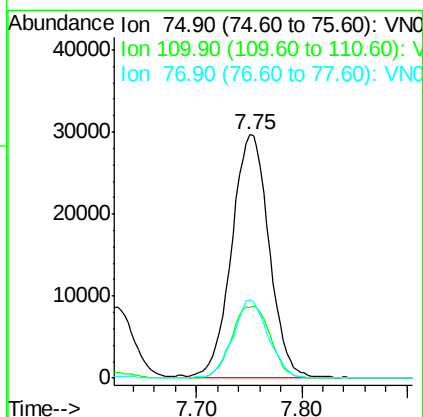
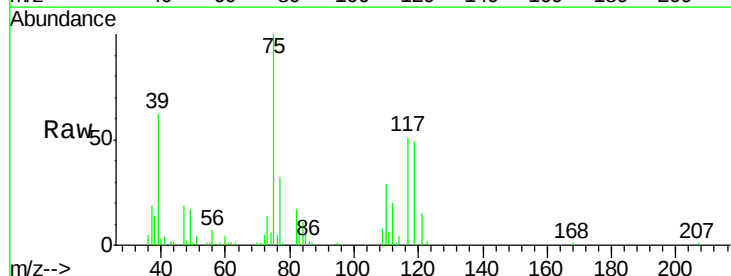
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

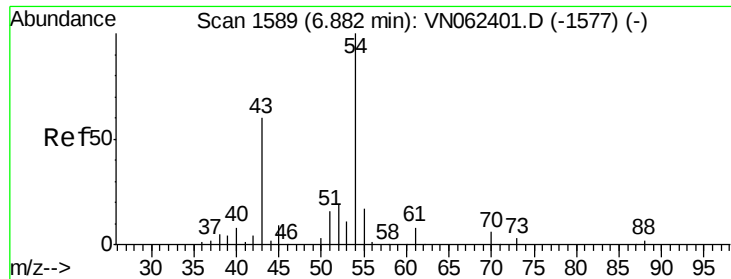
Tot Ion:113 Resp: 122811
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.1 124.7
 192 17.8 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 18.591 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion: 75 Resp: 73396
 Ion Ratio Lower Upper
 75 100
 110 30.4 15.4 46.2
 77 30.5 24.1 36.1

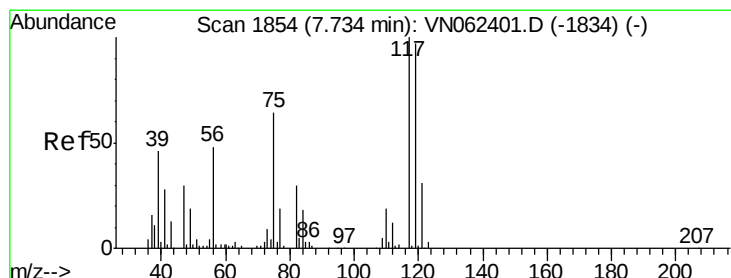
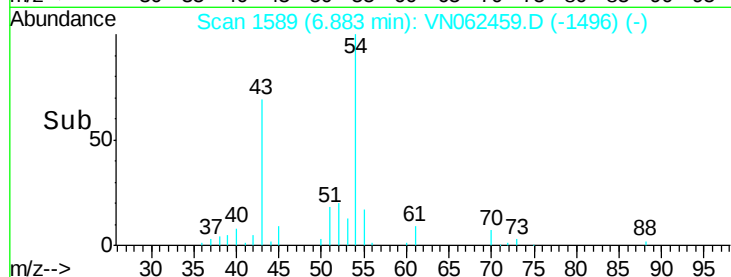
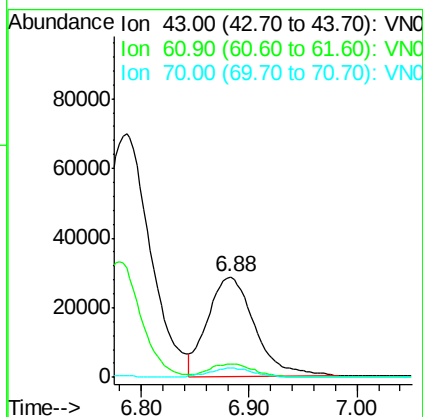
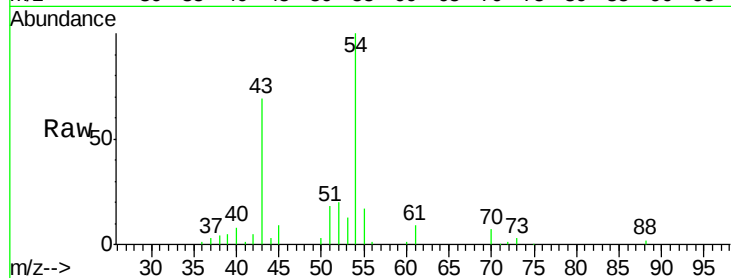




#37
Ethyl Acetate
Concen: 18.652 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

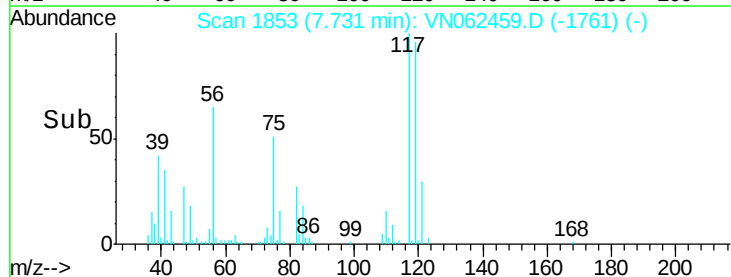
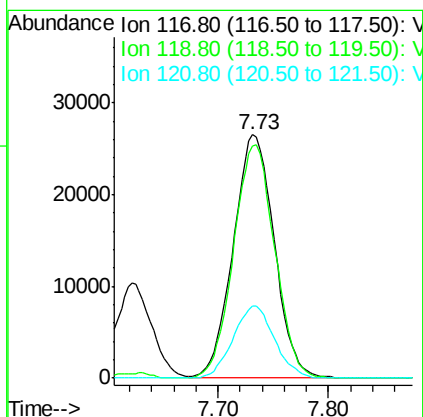
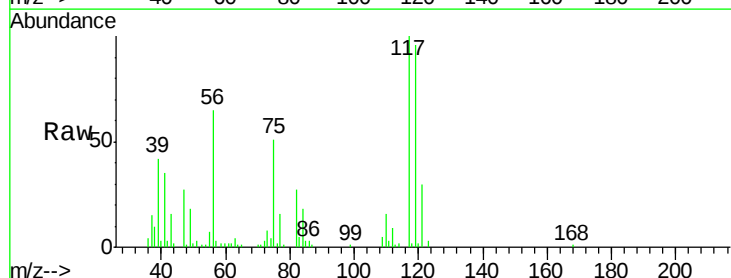
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

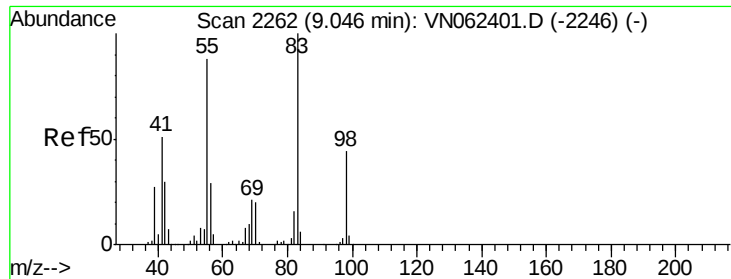
Tot Ion: 43 Resp: 86101
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.338 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 117 Resp: 68637
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8
121 29.5 24.8 37.2

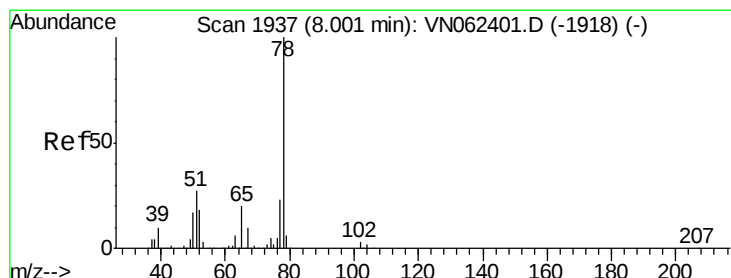
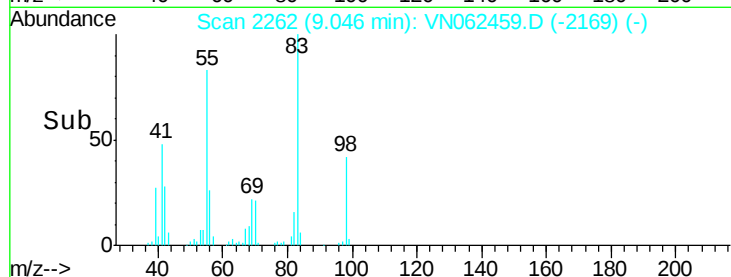
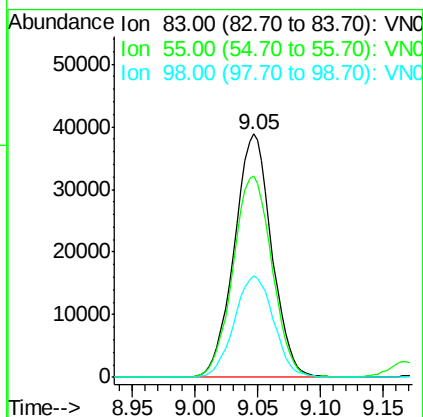
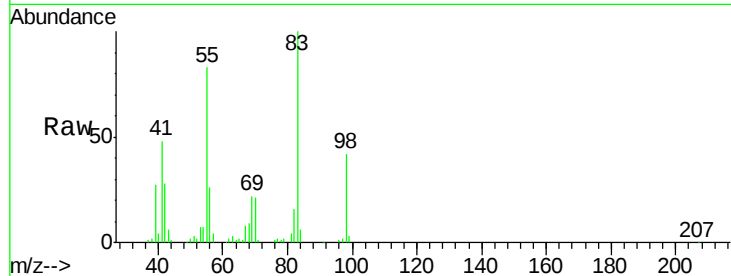




#39
Methvlcvclohexane
Concen: 19.130 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

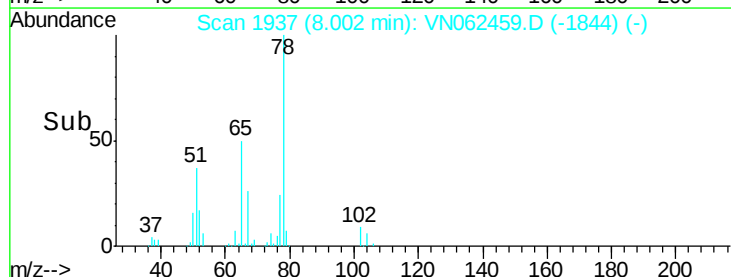
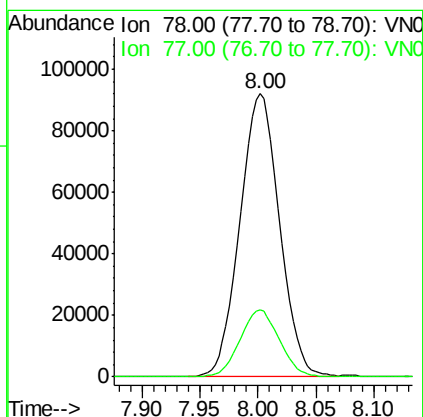
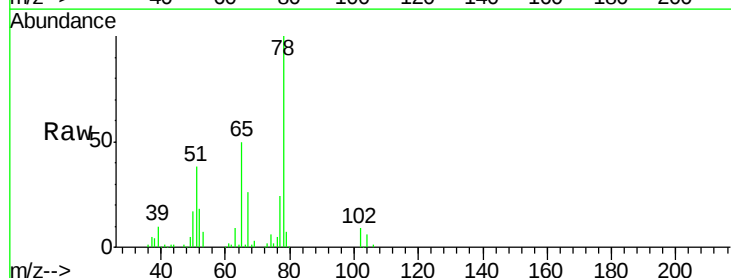
Instrument :
MSVOA_N
ClientSampled :
VN0709WBS02

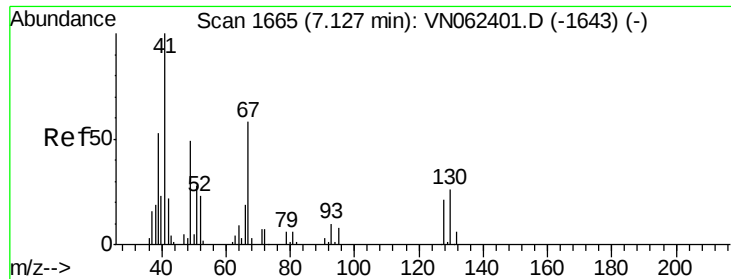
Tot Ion: 83 Resp: 80630
Ion Ratio Lower Upper
83 100
55 83.0 70.5 105.7
98 41.7 35.5 53.3



#40
Benzene
Concen: 18.803 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 78 Resp: 218778
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

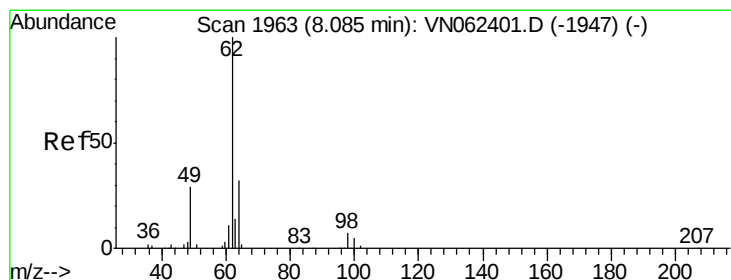
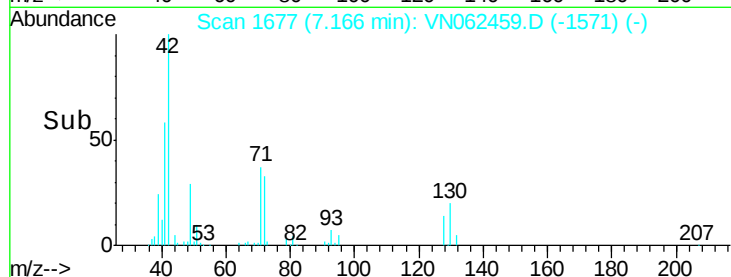
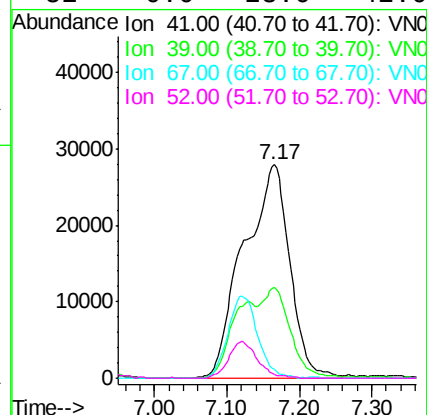
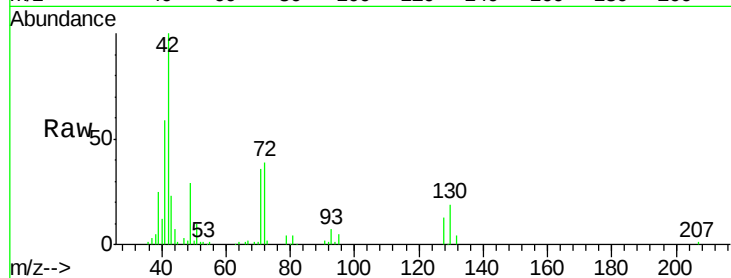




#41
Methacrylonitrile
Concen: 63.990 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

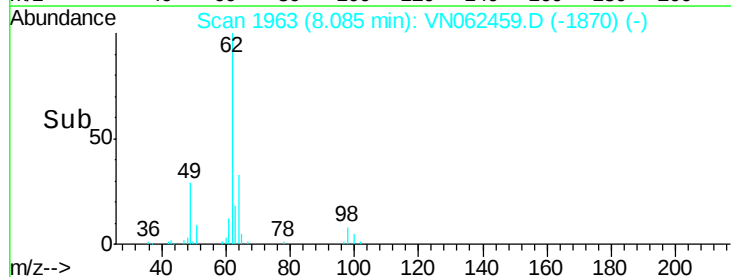
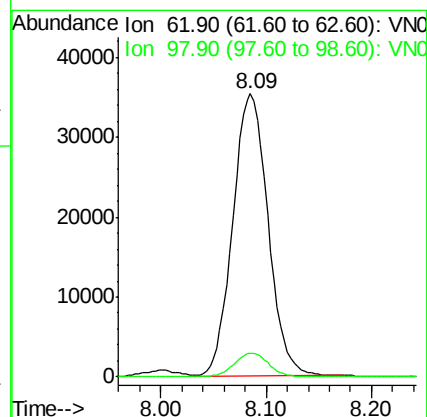
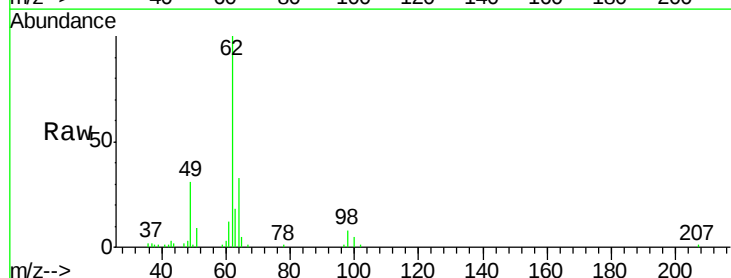
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

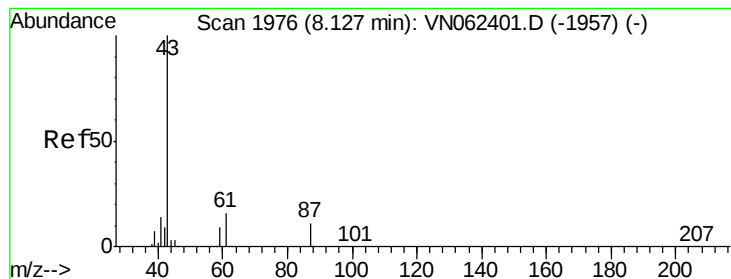
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.2	75.2#
67	0.0	64.2	96.2#
52	0.0	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 19.260 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.262 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

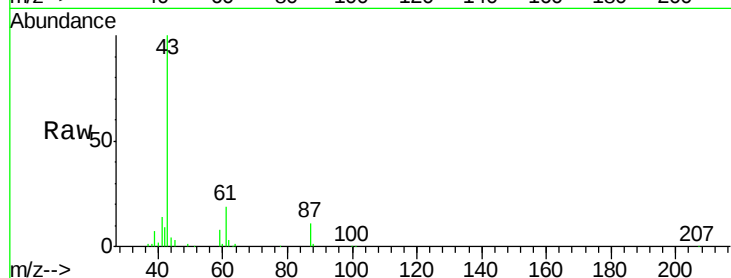
Tot Ion: 43 Resp: 140464

Ion Ratio Lower Upper

43 100

61 19.4 19.3 28.9

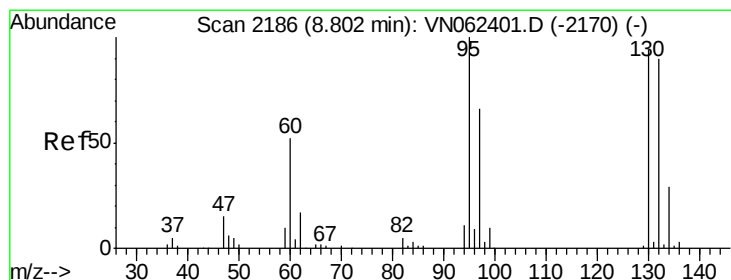
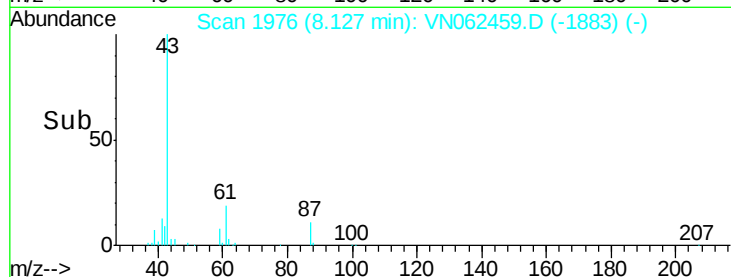
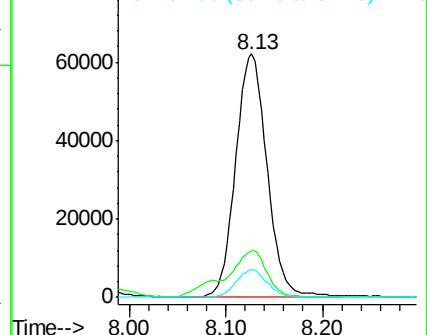
87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 19.104 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062459.D

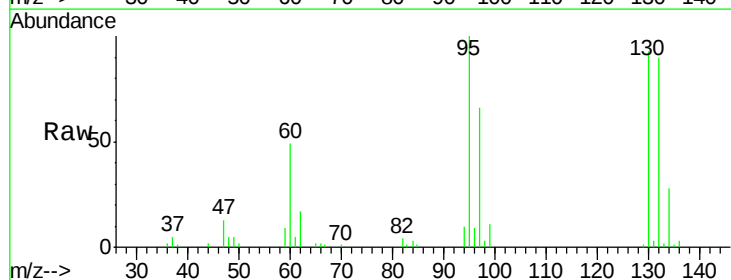
Acq: 9 Jul 2020 16:58

Tgt Ion:130 Resp: 49318

Ion Ratio Lower Upper

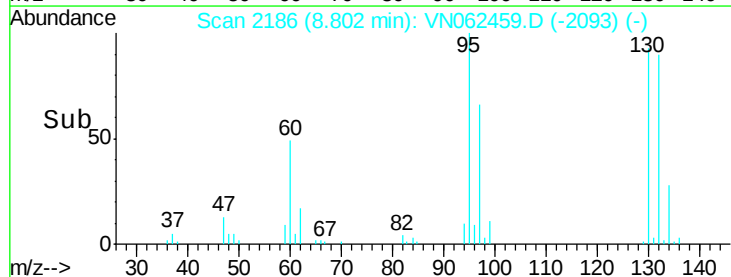
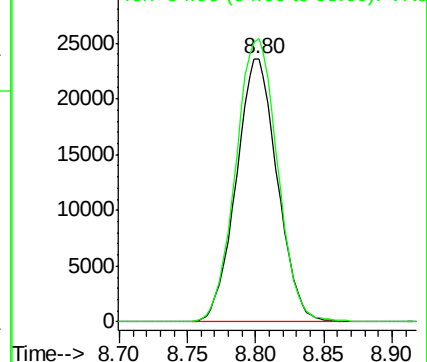
130 100

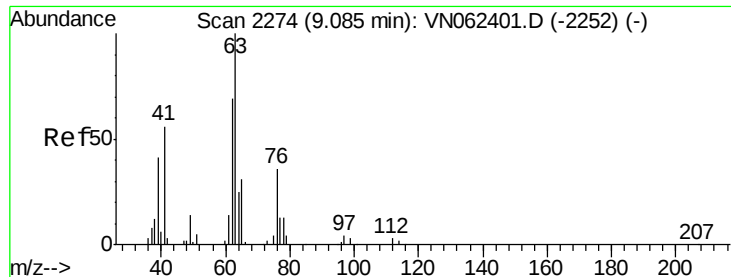
95 107.4 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 18.918 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

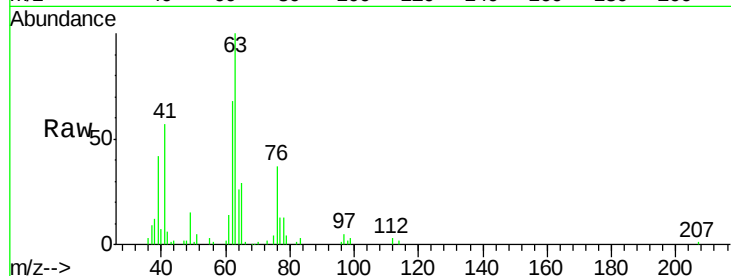
VN0709WBS02

Tot Ion: 63 Resp: 63900

Ion Ratio Lower Upper

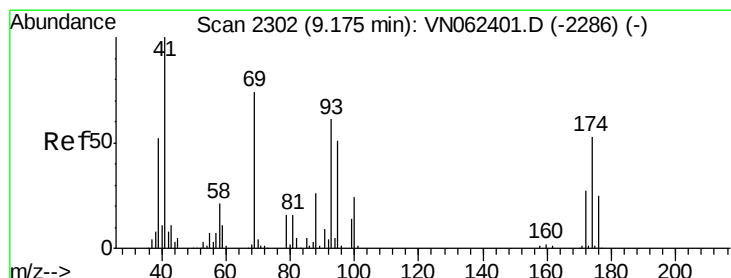
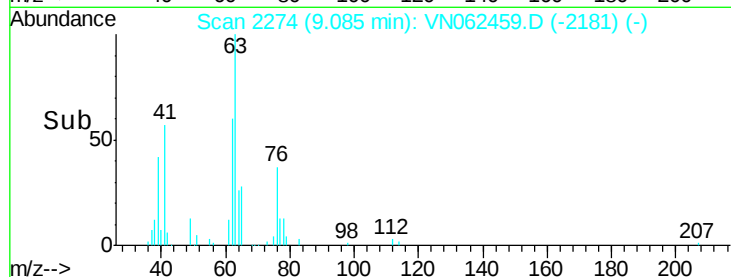
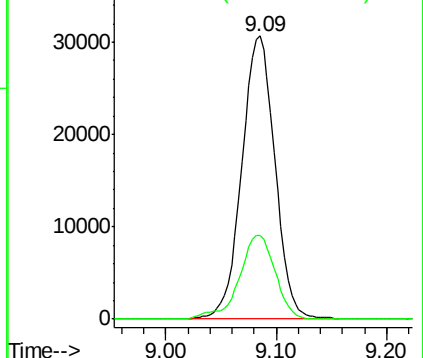
63 100

65 29.4 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: 19.480 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

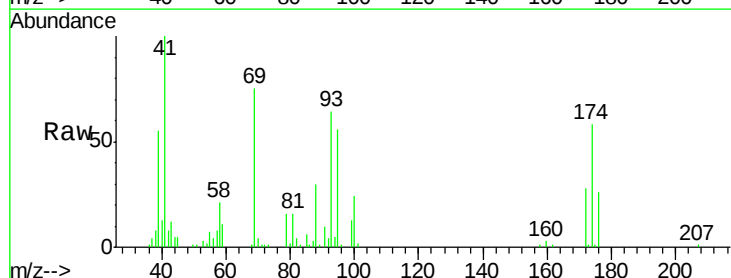
Tgt Ion: 93 Resp: 37131

Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

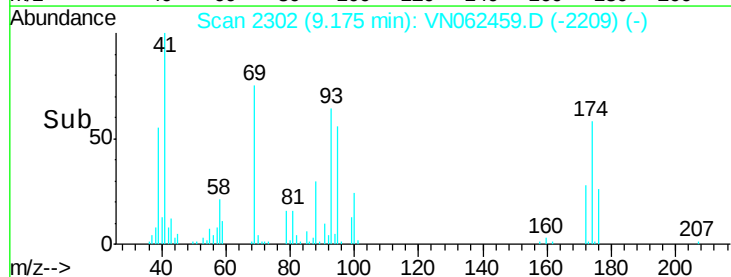
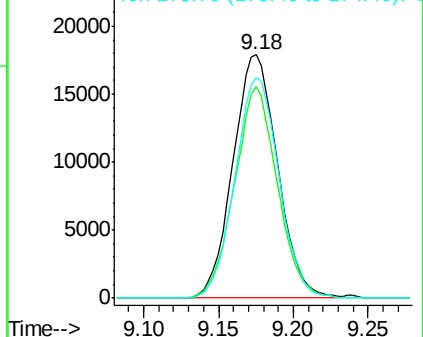
174 89.5 70.4 105.6

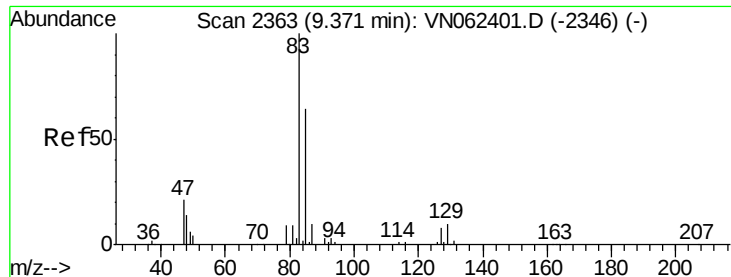


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.365 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

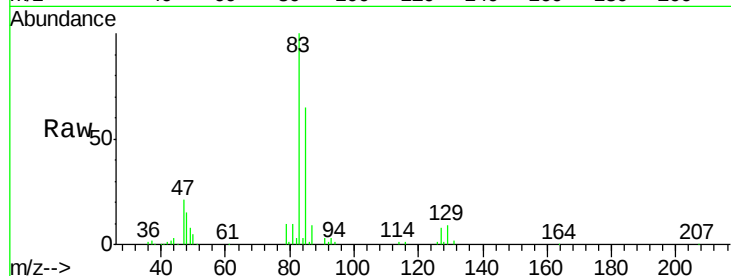
Tot Ion: 83 Resp: 78917

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

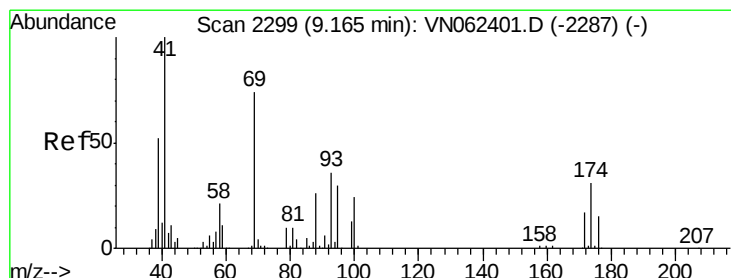
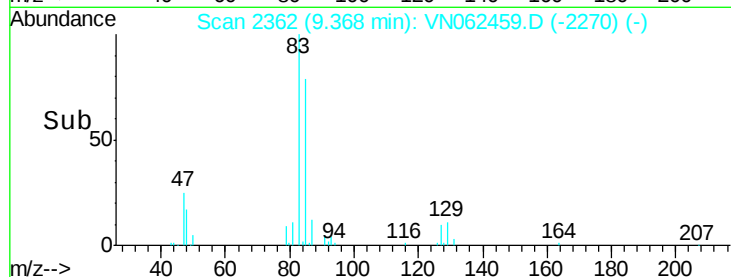
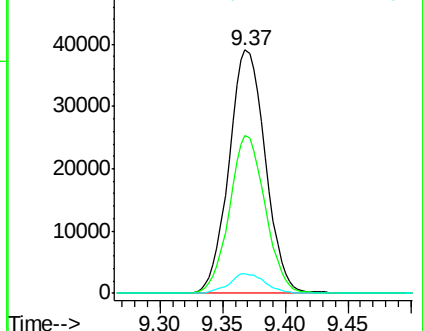
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062401.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN062401.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN062401.D (-2346) (-)



#48

Methyl methacrylate

Concen: 18.181 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

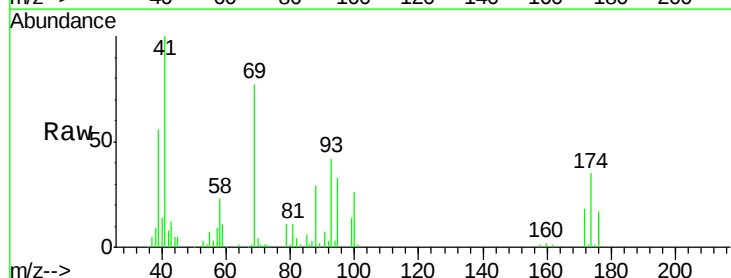
Tgt Ion: 41 Resp: 65038

Ion Ratio Lower Upper

41 100

69 80.7 60.8 91.2

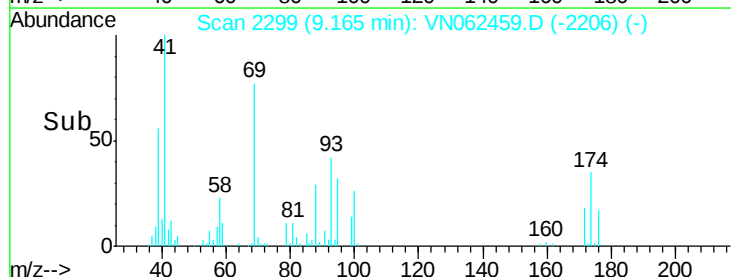
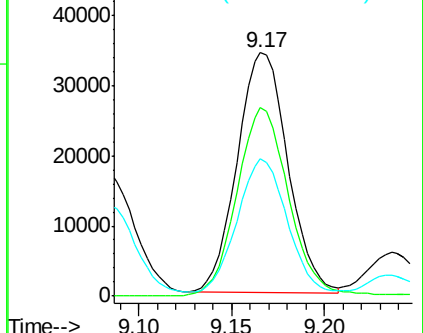
39 54.9 43.5 65.3

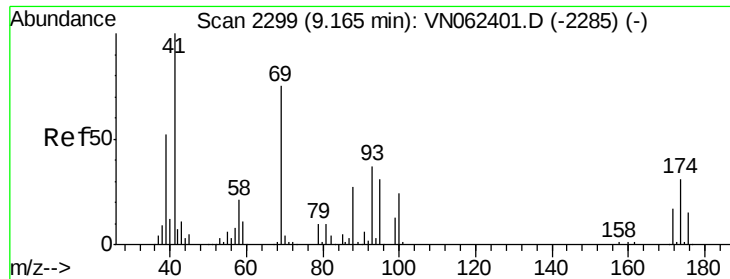


Abundance Ion 41.00 (40.70 to 41.70): VN062401.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062401.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062401.D (-2287) (-)

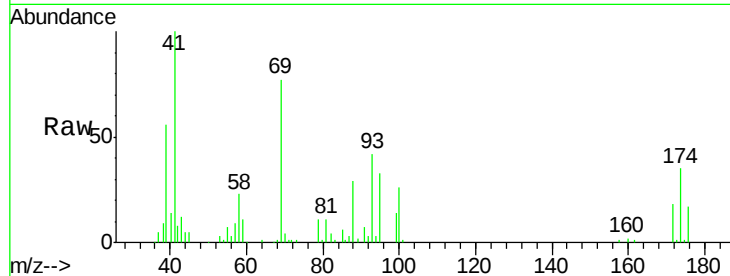




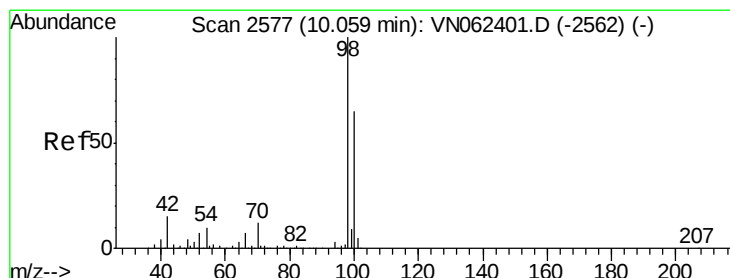
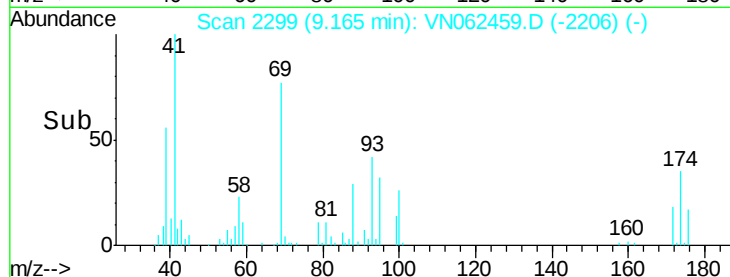
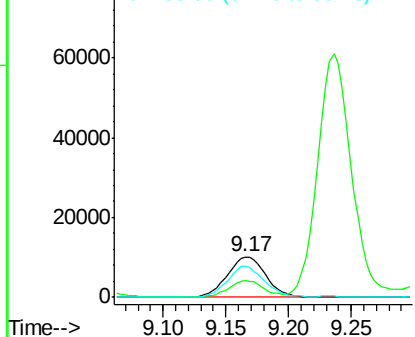
#49
1,4-Dioxane
Concen: 418.313 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Tot Ion: 88 Resp: 21780
Ion Ratio Lower Upper
88 100
43 38.4 31.0 46.4
58 73.6 63.3 94.9

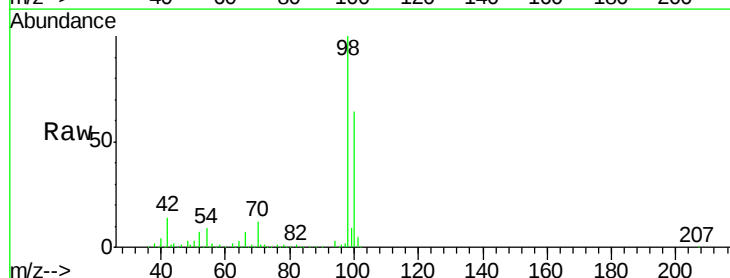


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

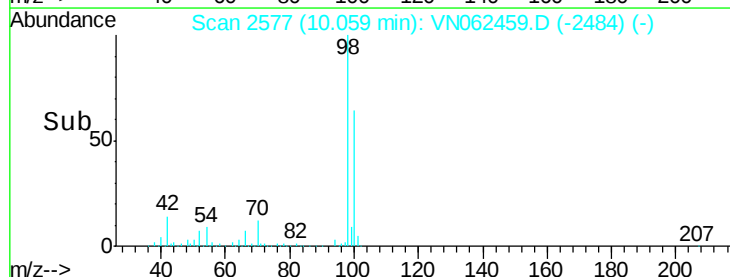
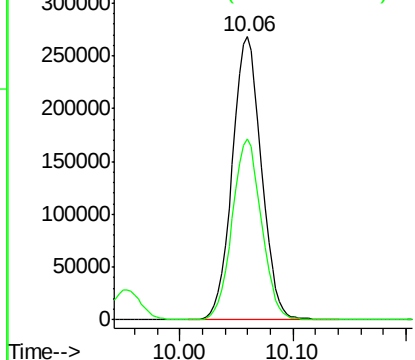


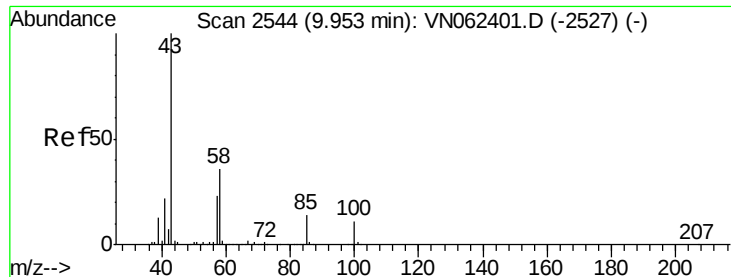
#50
Toluene-d8
Concen: 50.364 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 98 Resp: 481585
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 97.507 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampled :

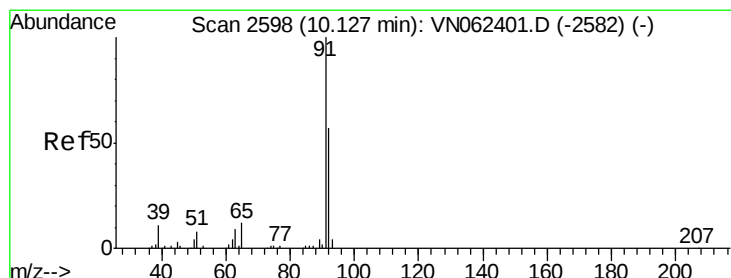
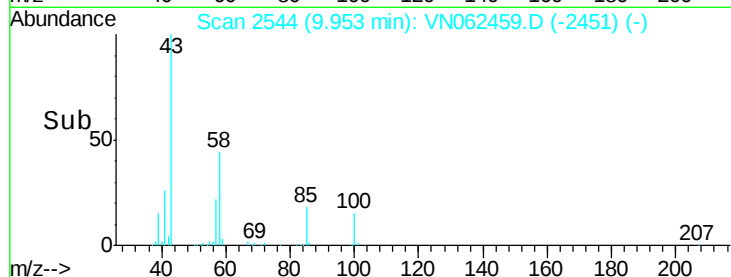
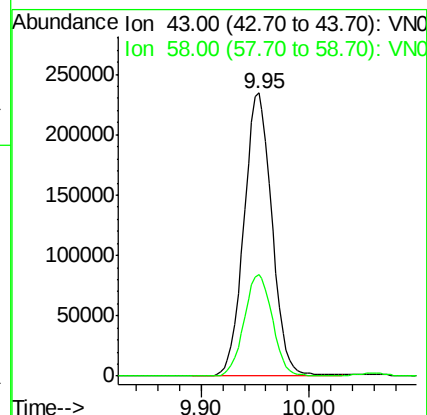
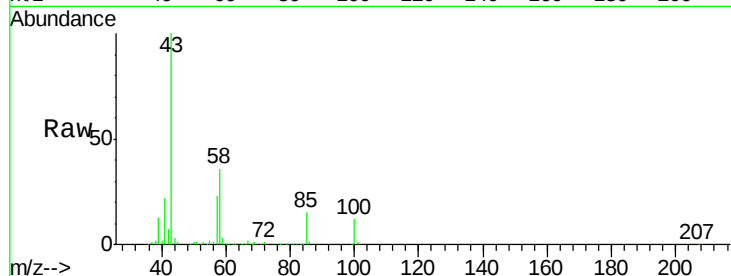
VN0709WBS02

Tot Ion: 43 Resp: 424707

Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.6



#52

Toluene

Concen: 19.367 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062459.D

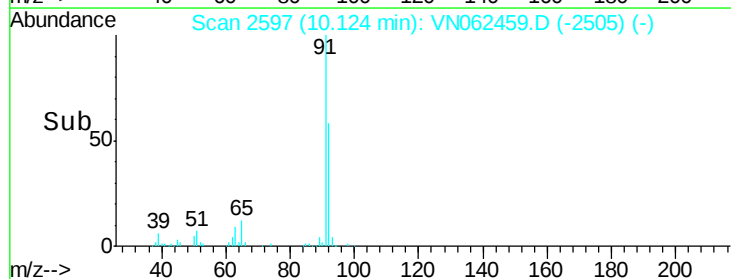
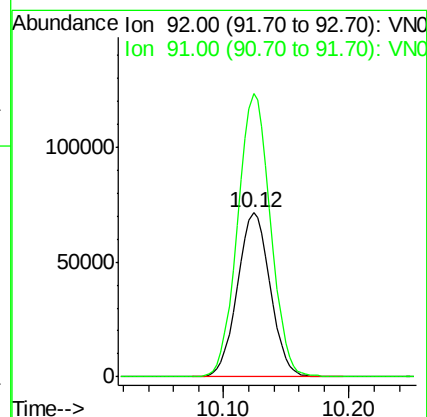
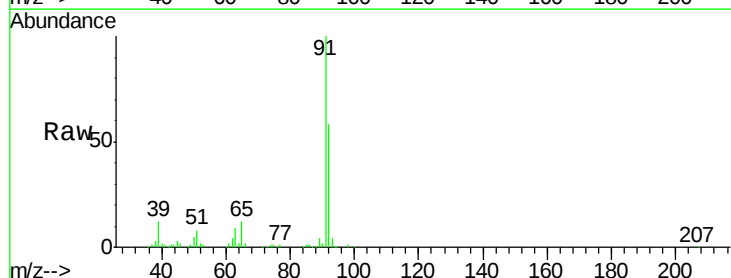
Acq: 9 Jul 2020 16:58

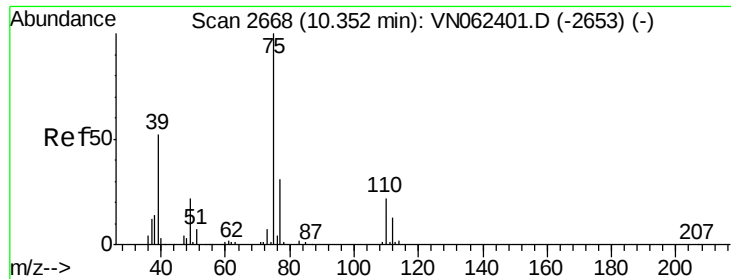
Tgt Ion: 92 Resp: 130156

Ion Ratio Lower Upper

92 100

91 172.2 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 19.586 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

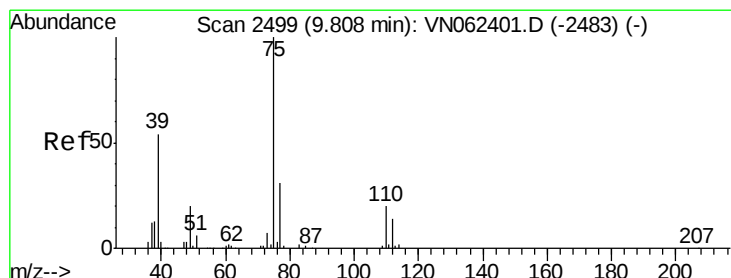
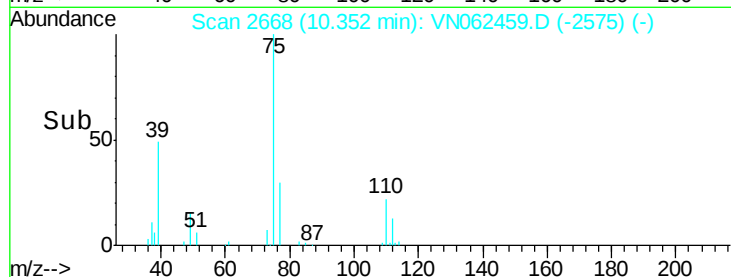
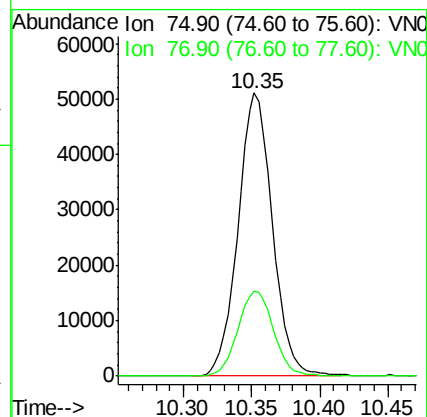
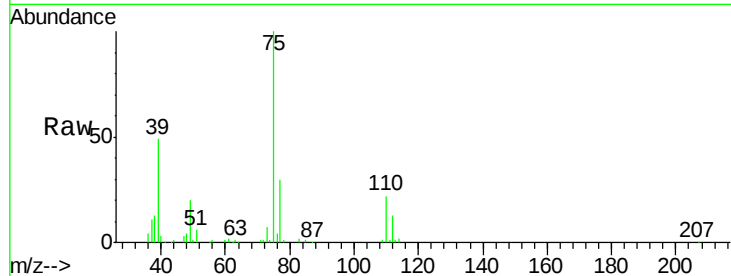
VN0709WBS02

Tot Ion: 75 Resp: 89423

Ion Ratio Lower Upper

75 100

77 30.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 18.888 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

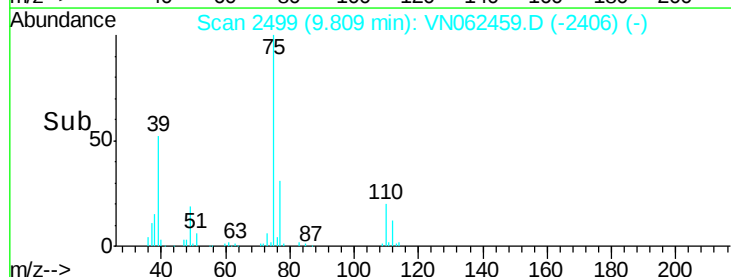
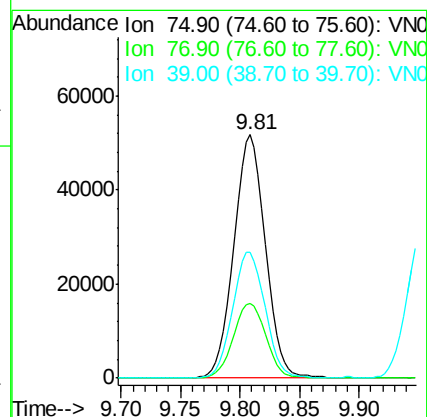
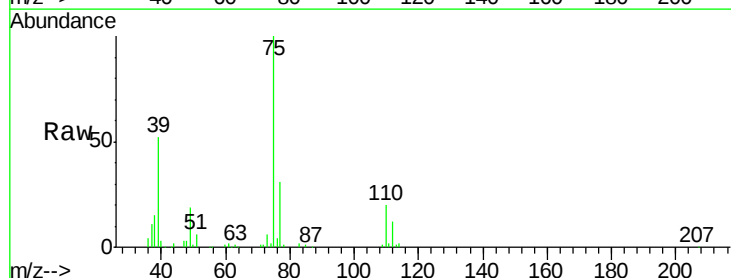
Tgt Ion: 75 Resp: 95149

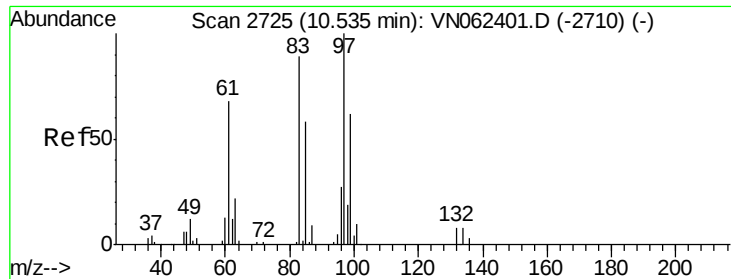
Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7

39 51.6 43.4 65.0

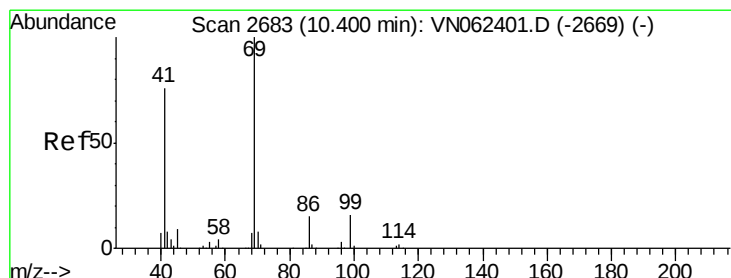
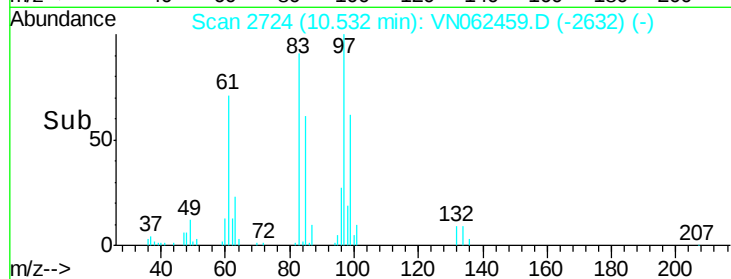
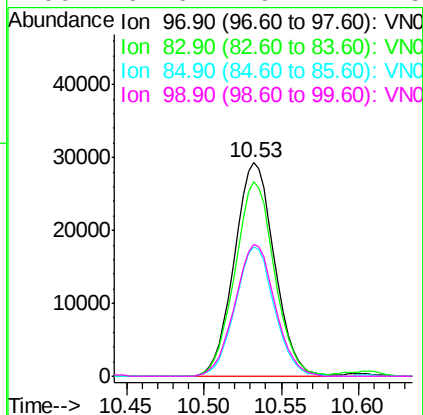
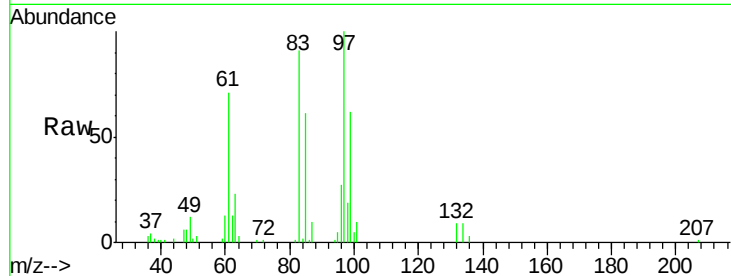




#55
 1,1,2-Trichloroethane
 Concen: 20.013 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

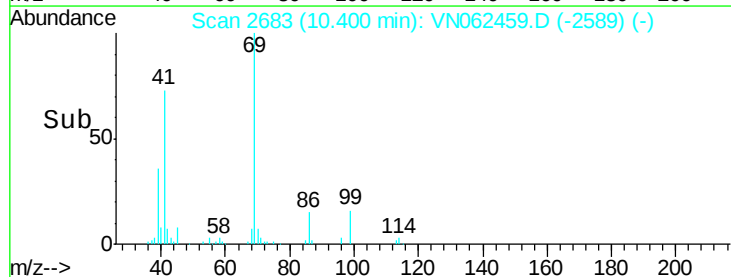
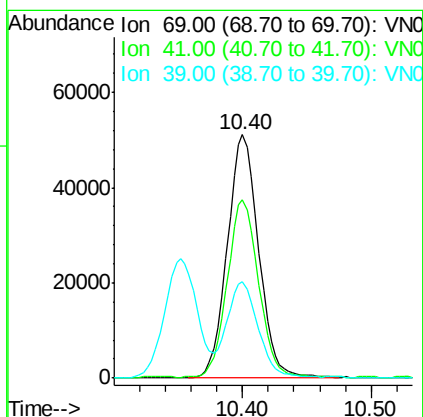
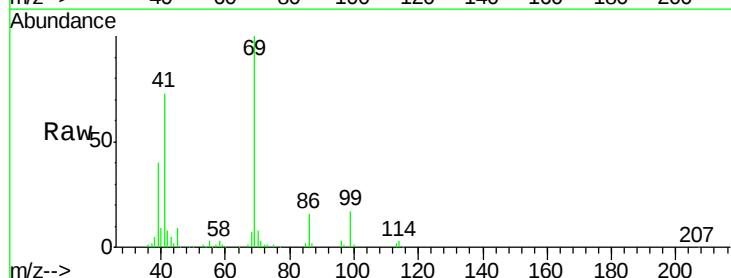
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

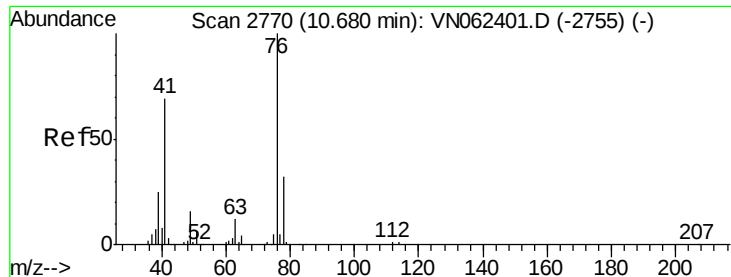
Tot Ion: 97 Resp: 52899
 Ion Ratio Lower Upper
 97 100
 83 91.2 71.0 106.4
 85 60.6 46.2 69.4
 99 61.6 49.7 74.5



#56
 Ethyl methacrylate
 Concen: 18.860 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion: 69 Resp: 86377
 Ion Ratio Lower Upper
 69 100
 41 72.5 59.7 89.5
 39 39.0 30.6 45.8





#57

1,3-Dichloropropane

Concen: 19.810 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

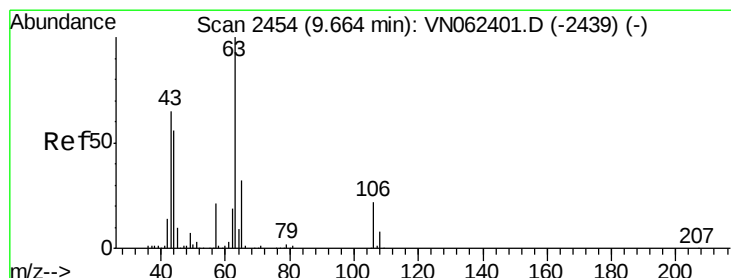
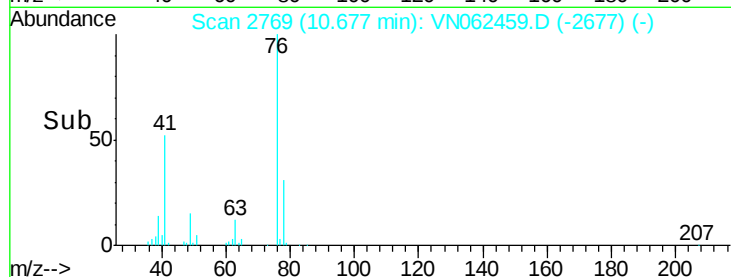
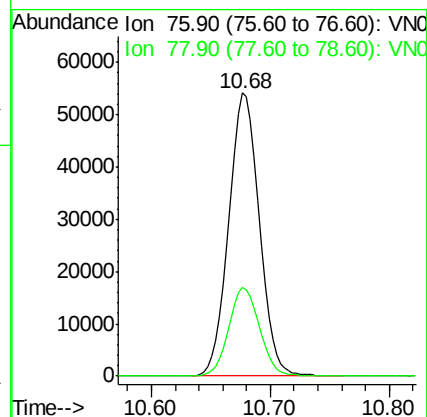
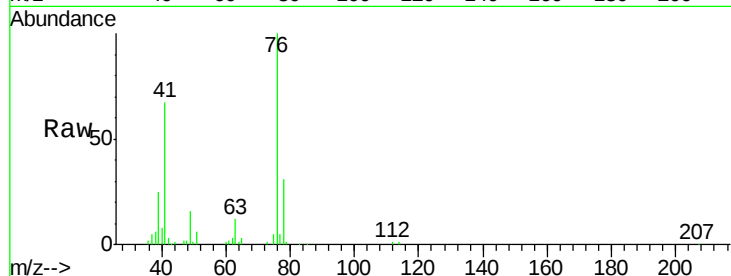
VN0709WBS02

Tot Ion: 76 Resp: 96742

Ion Ratio Lower Upper

76 100

78 31.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.661 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062459.D

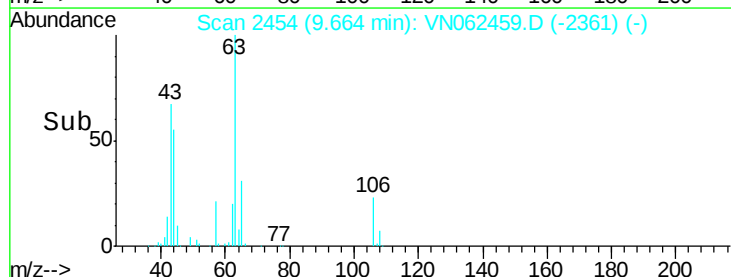
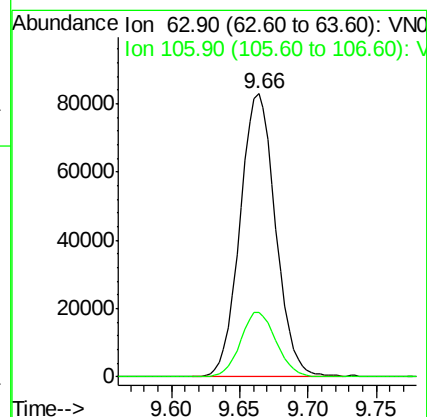
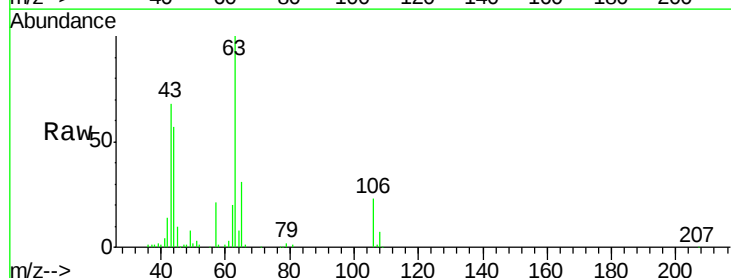
Acq: 9 Jul 2020 16:58

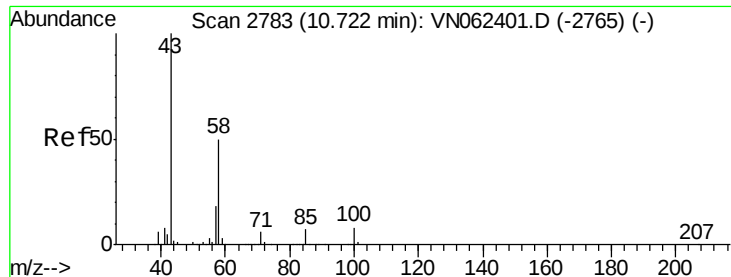
Tgt Ion: 63 Resp: 150011

Ion Ratio Lower Upper

63 100

106 22.9 17.6 26.4

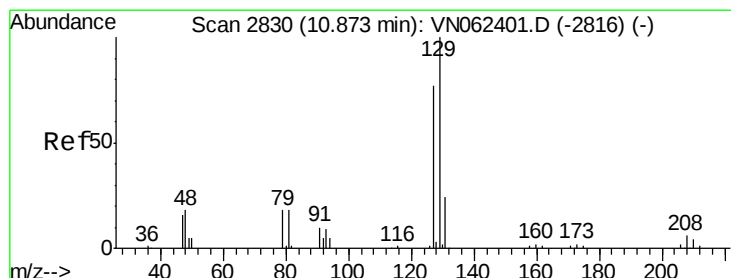
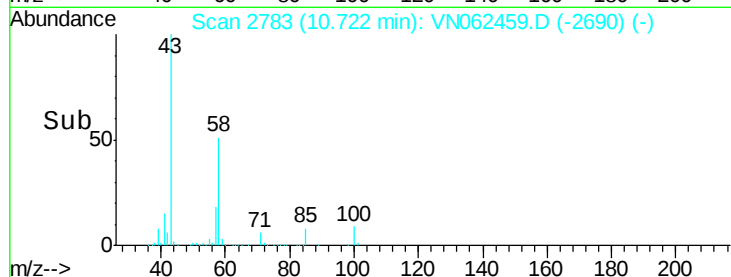
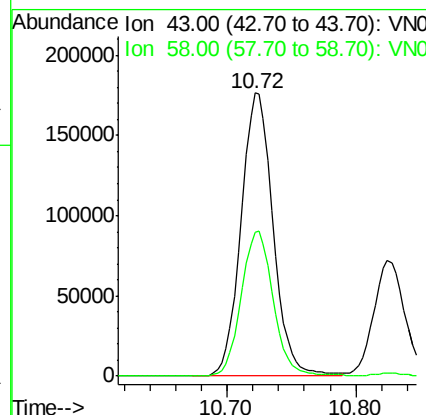
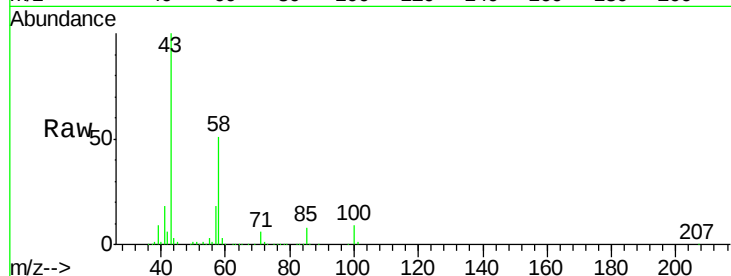




#59
2-Hexanone
Concen: 96.694 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

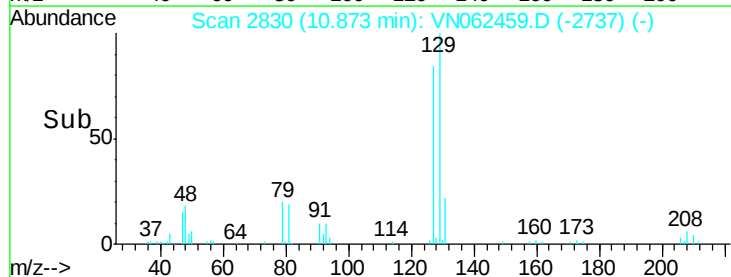
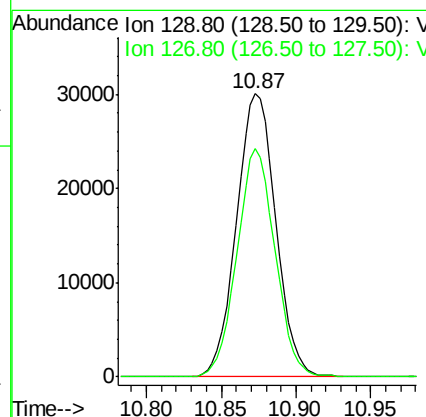
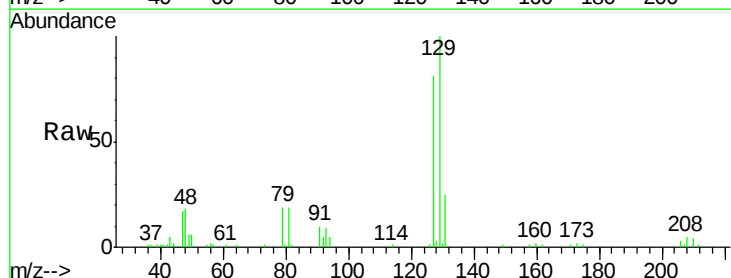
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

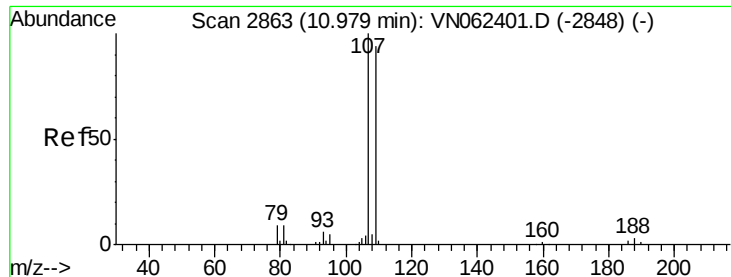
Tot Ion: 43 Resp: 305753
Ion Ratio Lower Upper
43 100
58 51.1 25.1 75.2



#60
Dibromochloromethane
Concen: 19.199 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 129 Resp: 55026
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

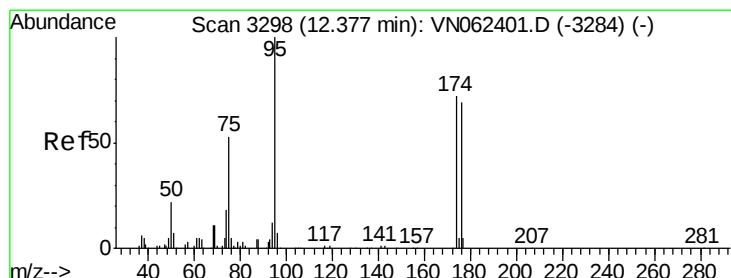
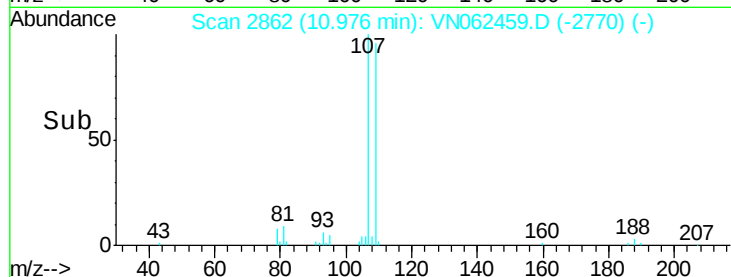
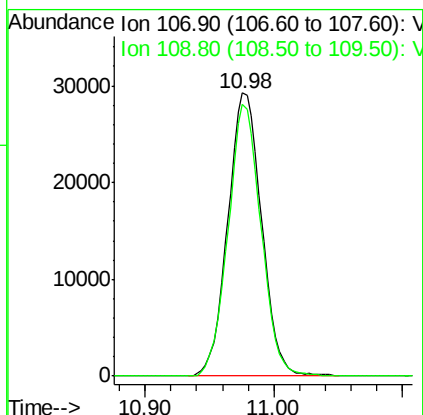
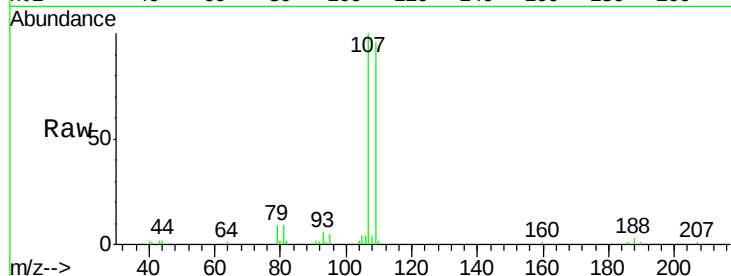




#61
 1,2-Dibromoethane
 Concen: 19.948 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

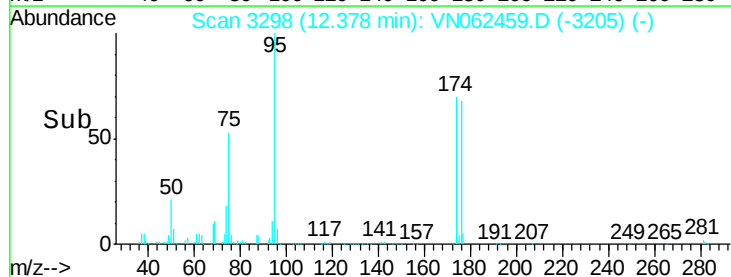
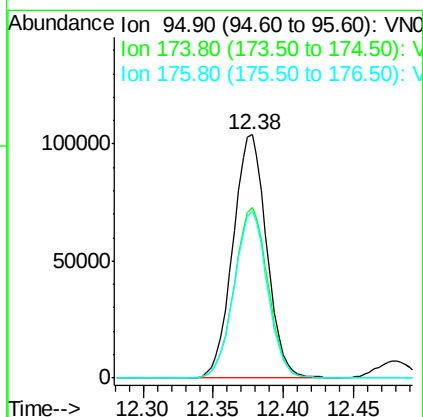
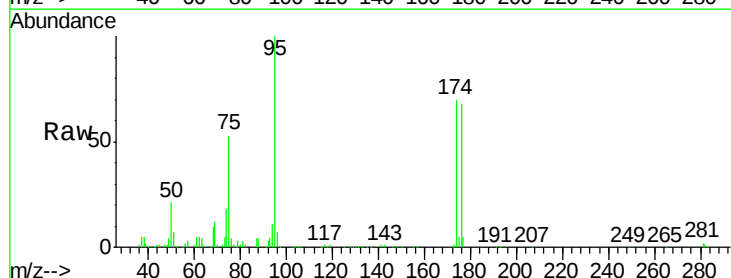
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

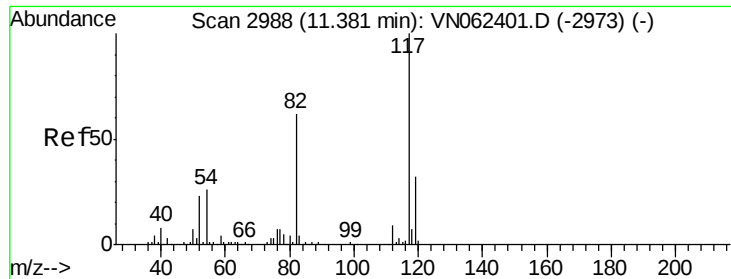
Tot Ion:107 Resp: 53227
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.859 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion: 95 Resp: 174223
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 141.6
 176 67.7 0.0 137.2

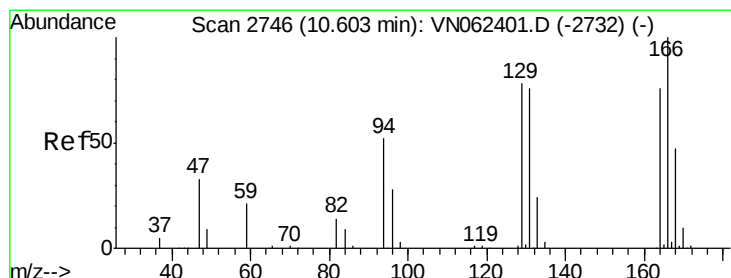
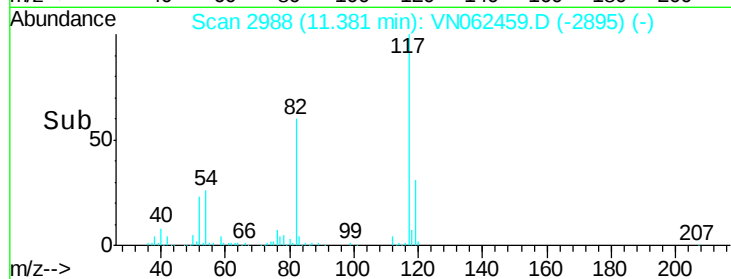
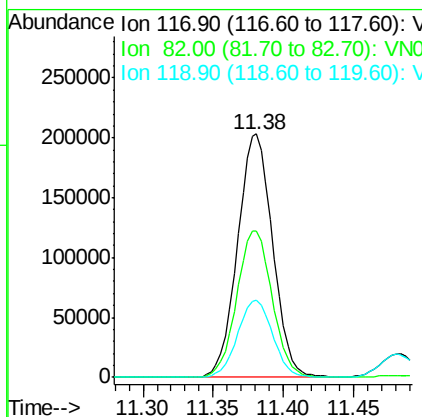
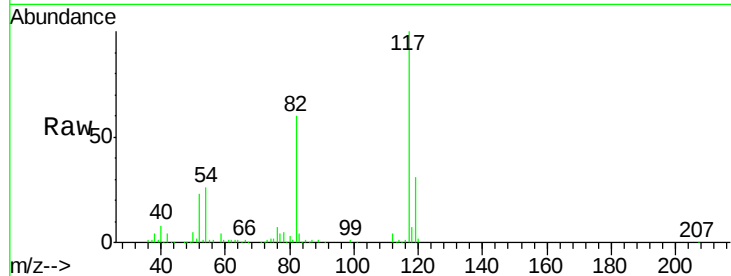




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

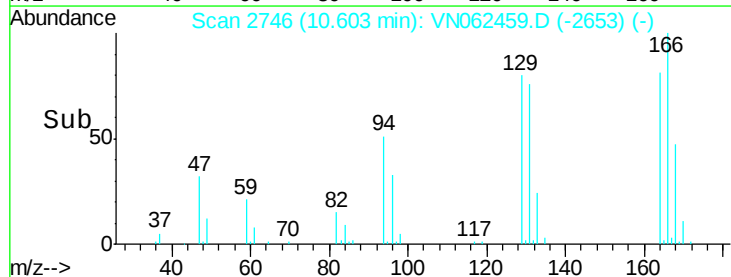
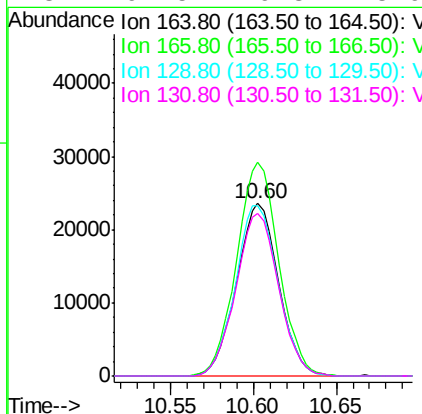
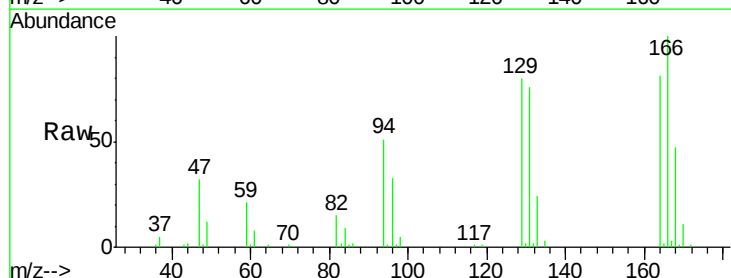
Instrument :
MSVOA_N
ClientSampled :
VN0709WBS02

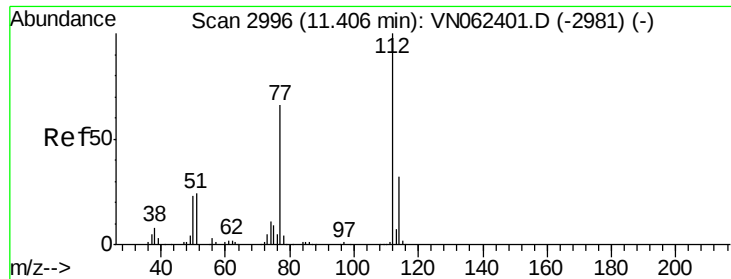
Tot Ion:117 Resp: 354609
Ion Ratio Lower Upper
117 100
82 60.3 49.6 74.4
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 19.685 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion:164 Resp: 41423
Ion Ratio Lower Upper
164 100
166 123.8 104.9 157.3
129 98.7 81.8 122.6
131 94.5 79.3 118.9





#65

Chlorobenzene

Concen: 19.905 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

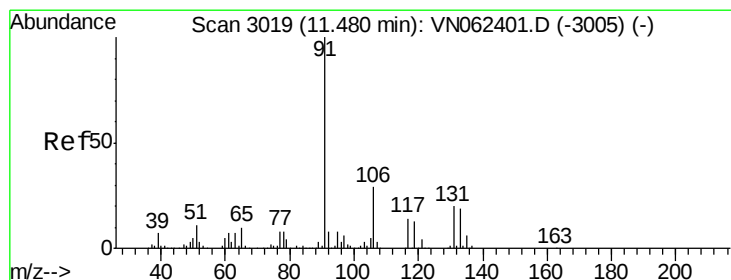
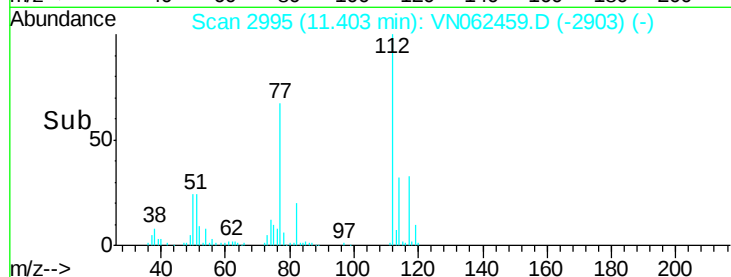
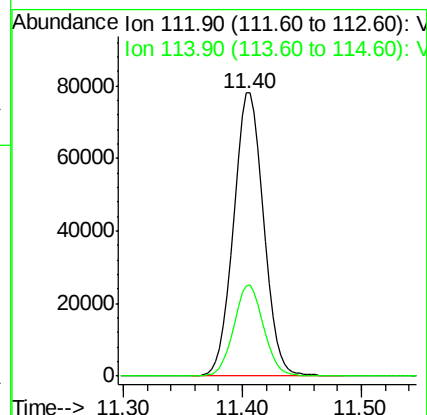
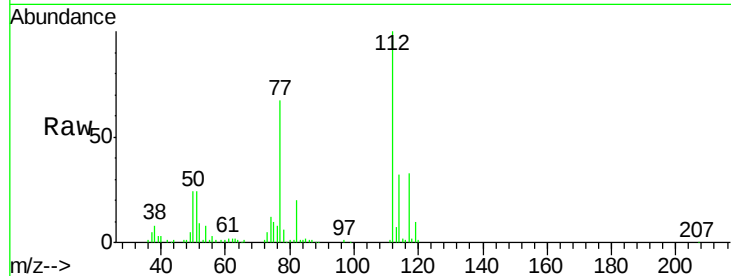
VN0709WBS02

Tot Ion:112 Resp: 137186

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.476 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

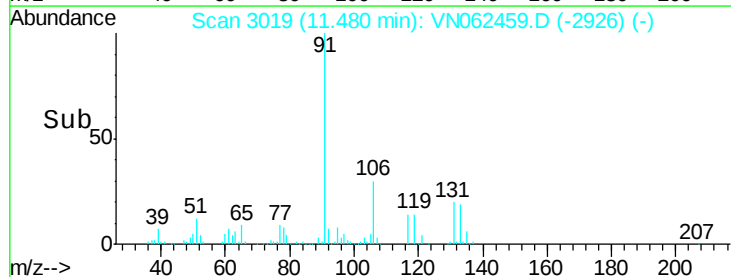
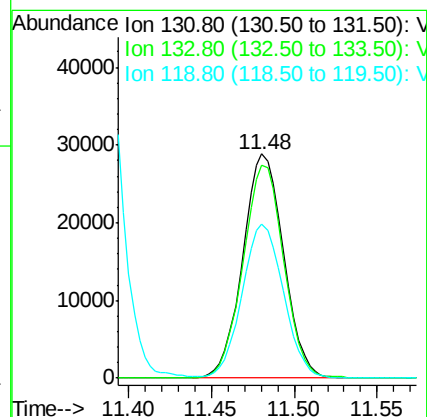
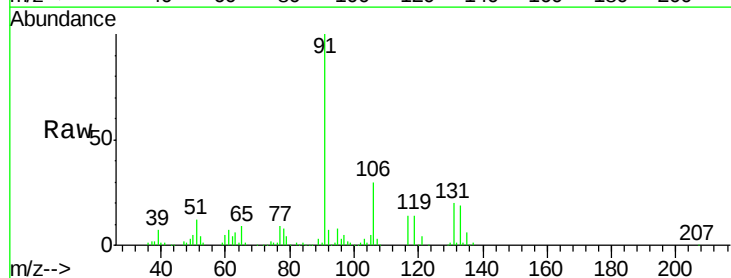
Tgt Ion:131 Resp: 49498

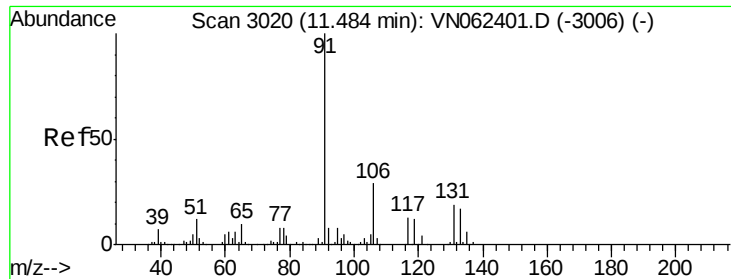
Ion Ratio Lower Upper

131 100

133 95.0 46.9 140.8

119 69.5 33.2 99.6

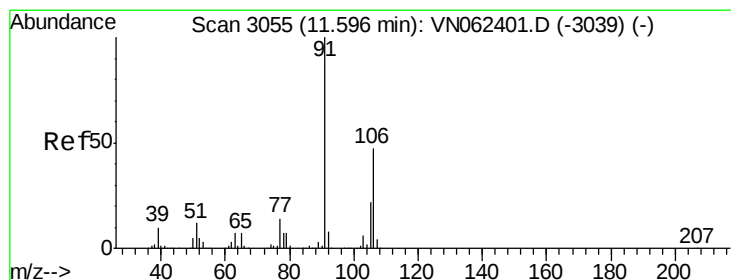
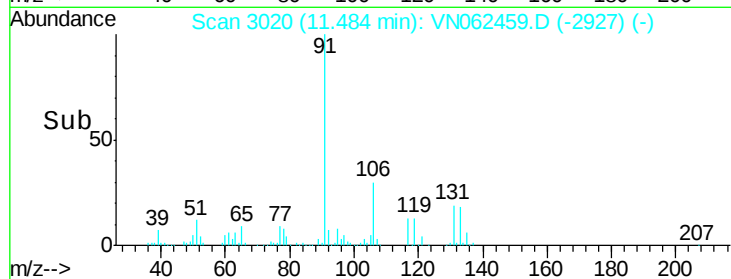
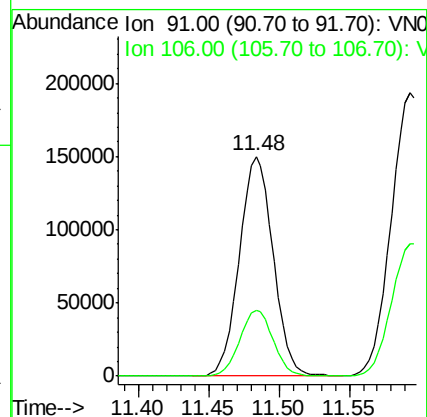
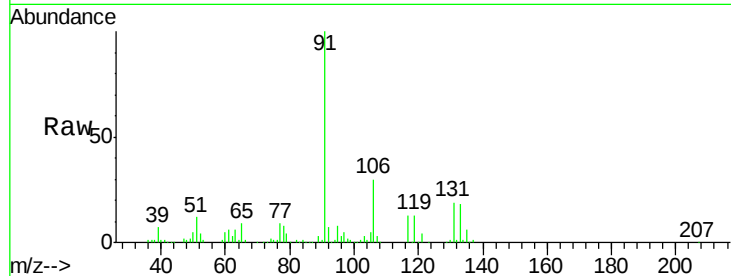




#67
Ethyl Benzene
Concen: 19.487 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

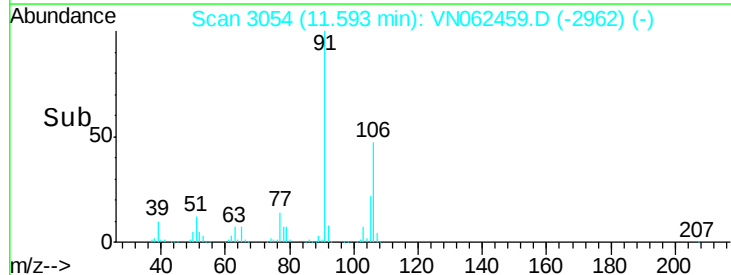
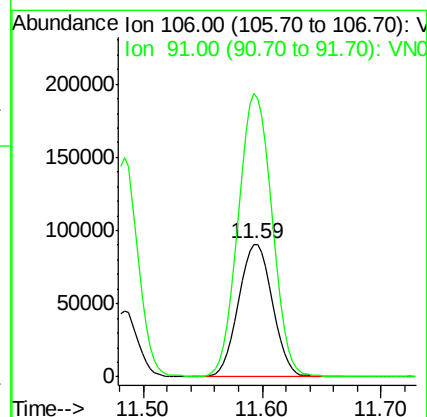
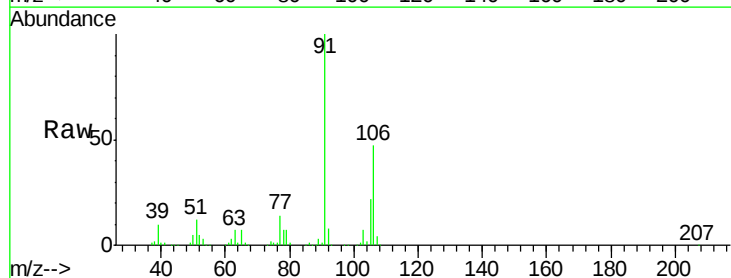
Instrument :
MSVOA_N
ClientSampled :
VN0709WBS02

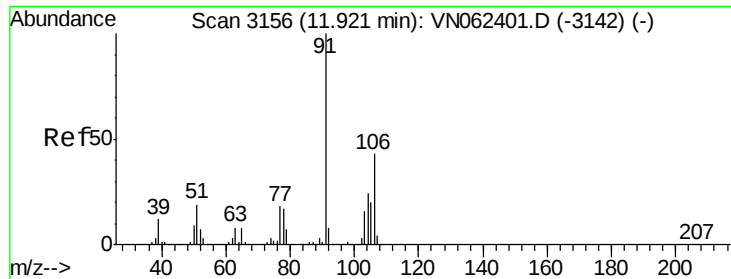
Tot Ion: 91 Resp: 252100
Ion Ratio Lower Upper
91 100
106 30.2 23.4 35.2



#68
m/p-Xylenes
Concen: 39.298 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 106 Resp: 179973
Ion Ratio Lower Upper
106 100
91 212.1 172.4 258.6

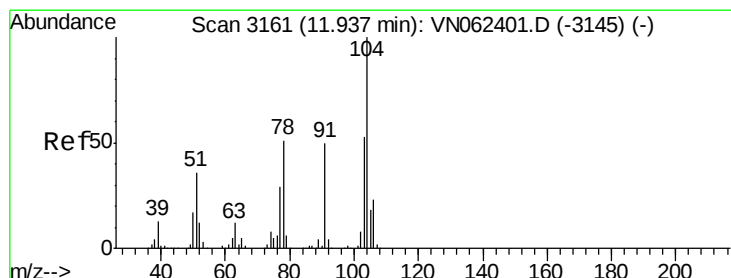
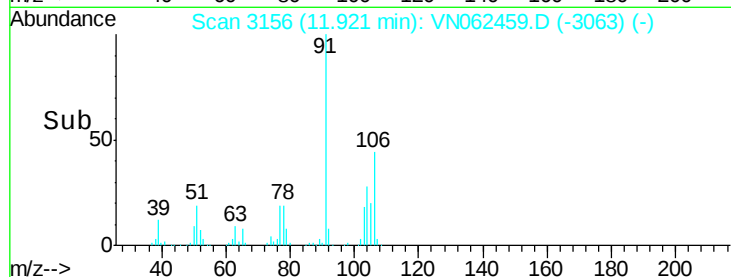
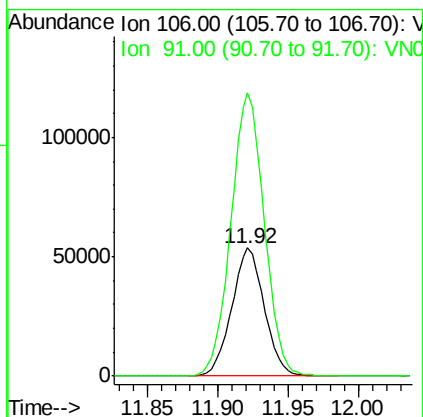
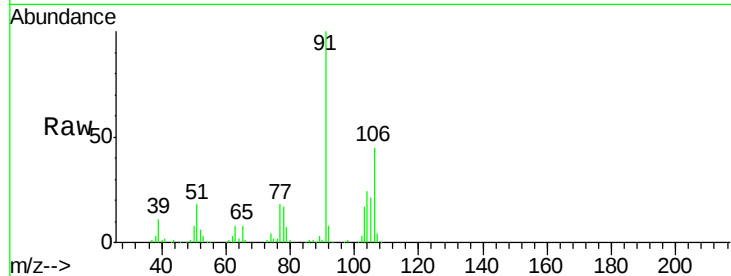




#69
o-Xylene
Concen: 19.521 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

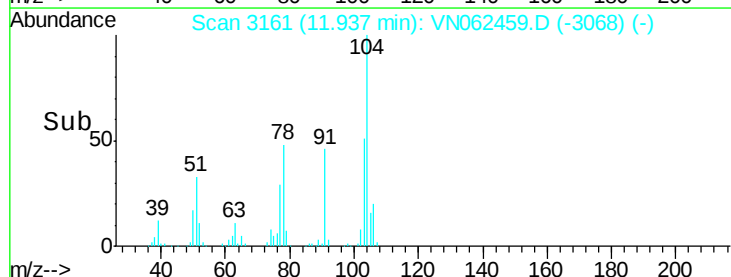
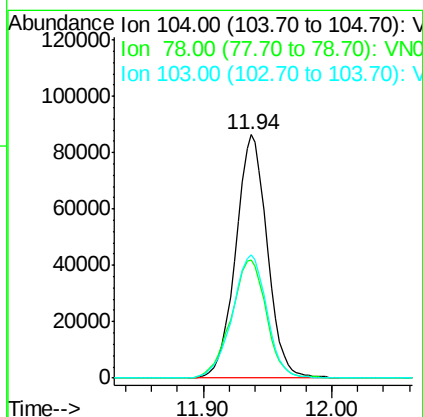
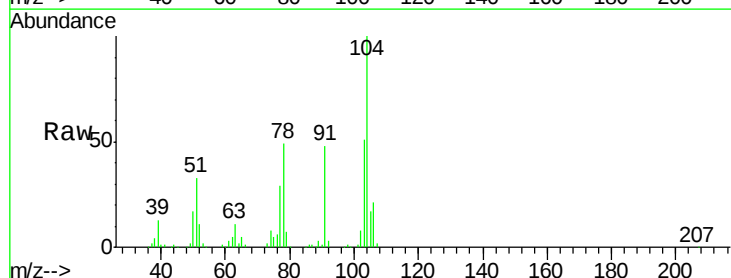
Instrument :
MSVOA_N
ClientSampled :
VN0709WBS02

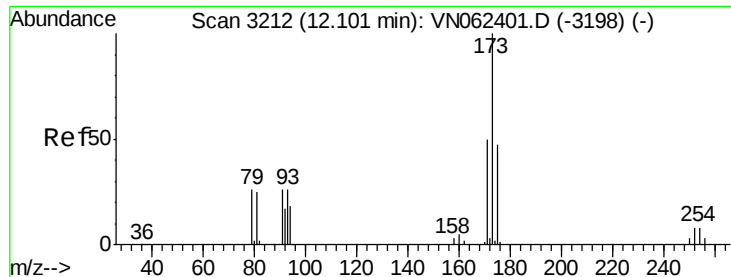
Tot Ion:106 Resp: 87042
Ion Ratio Lower Upper
106 100
91 225.7 113.8 341.4



#70
Styrene
Concen: 19.889 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion:104 Resp: 146569
Ion Ratio Lower Upper
104 100
78 54.2 44.2 66.4
103 55.3 44.4 66.6





#71

Bromoform

Concen: 19.666 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampled :

VN0709WBS02

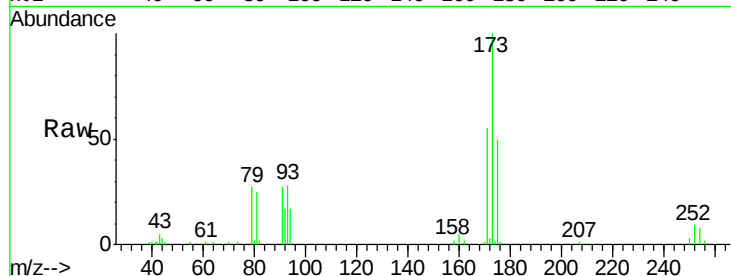
Tot Ion:173 Resp: 36640

Ion Ratio Lower Upper

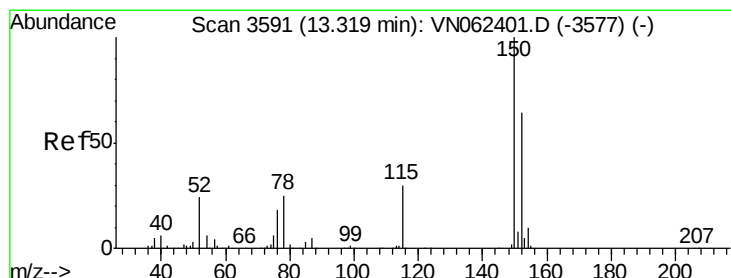
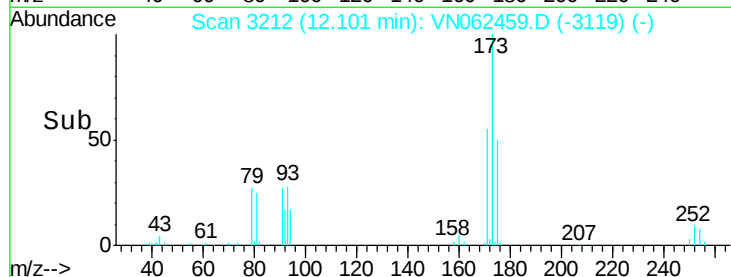
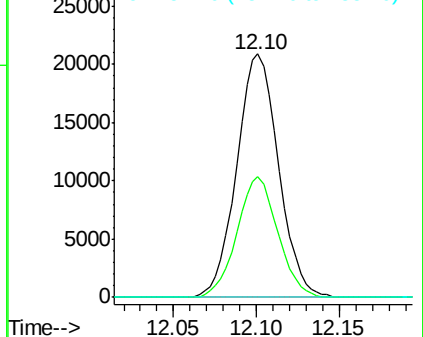
173 100

175 48.3 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# 3590

Delta R.T. -0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

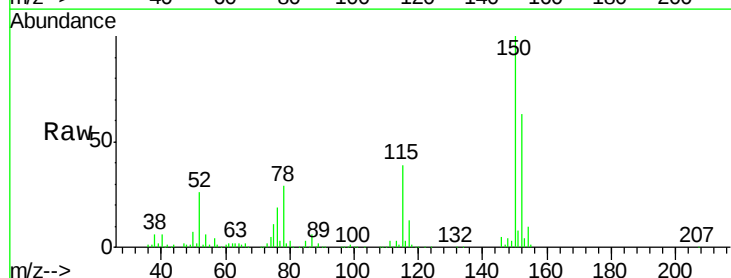
Tgt Ion:152 Resp: 155527

Ion Ratio Lower Upper

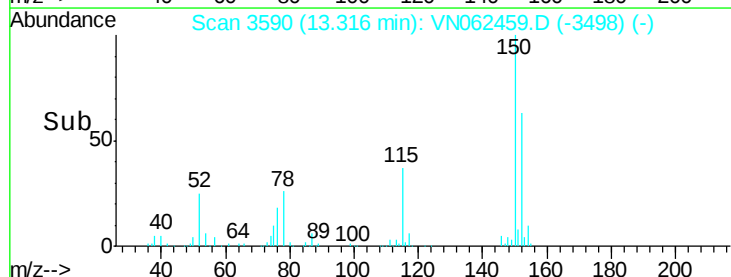
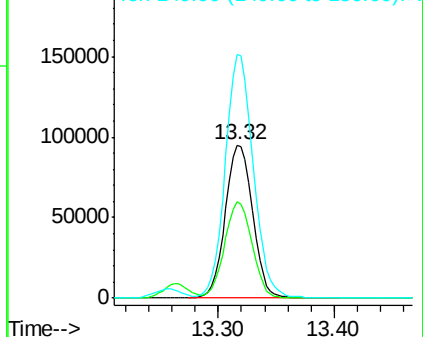
152 100

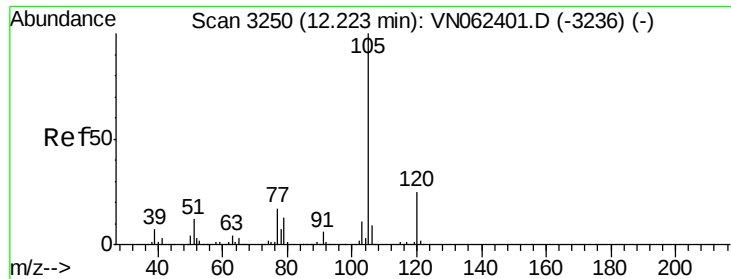
115 63.1 31.4 94.2

150 161.8 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: 19.567 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

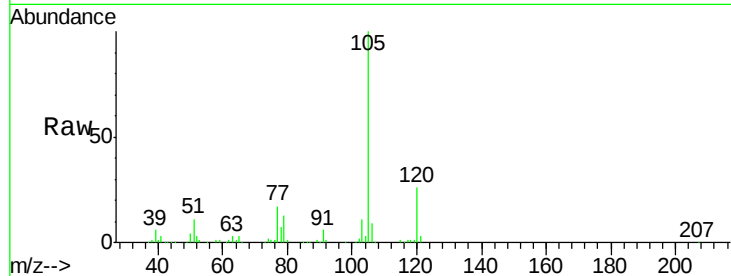
VN0709WBS02

Tot Ion:105 Resp: 235488

Ion Ratio Lower Upper

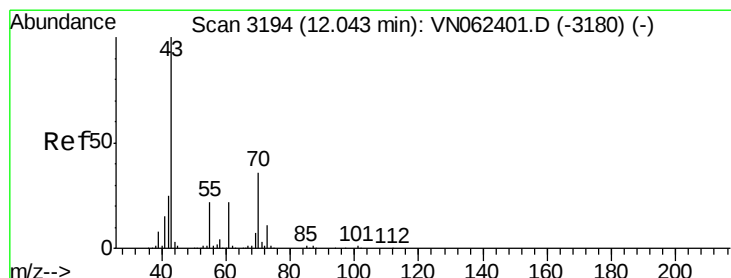
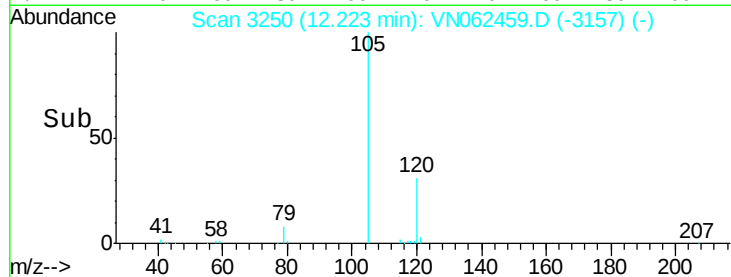
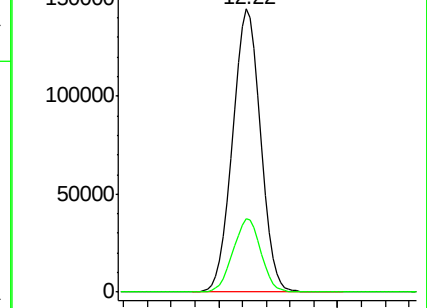
105 100

120 25.7 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.274 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Tgt Ion: 43 Resp: 112901

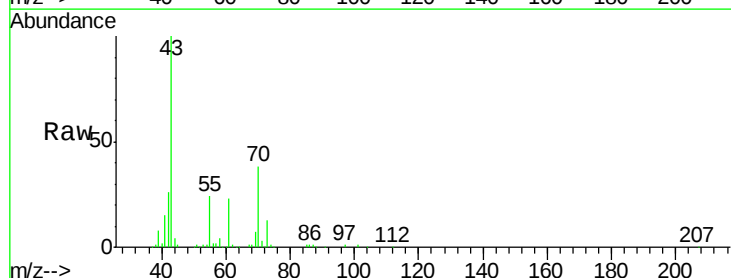
Ion Ratio Lower Upper

43 100

70 37.8 30.0 45.0

55 23.9 18.2 27.4

61 22.7 17.7 26.5

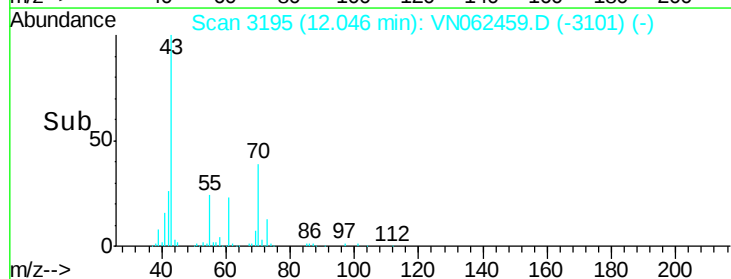
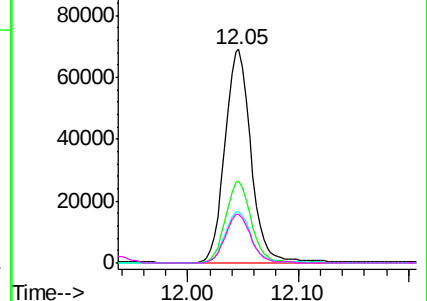


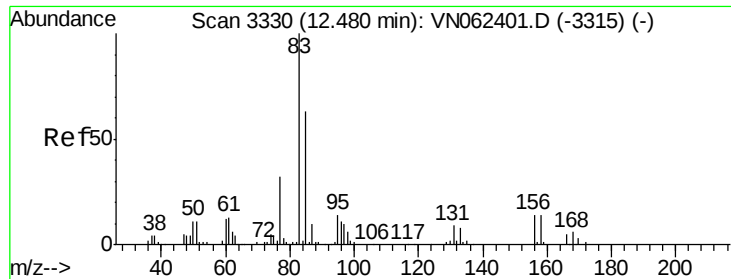
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.616 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

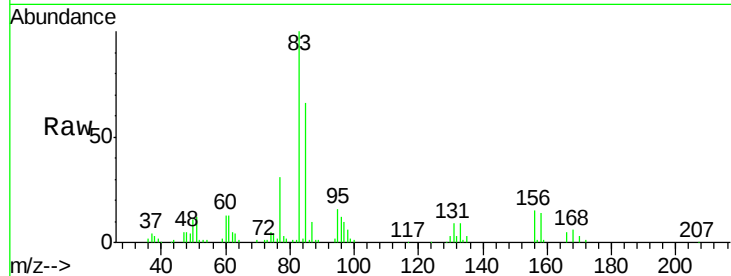
Tot Ion: 83 Resp: 79380

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.5

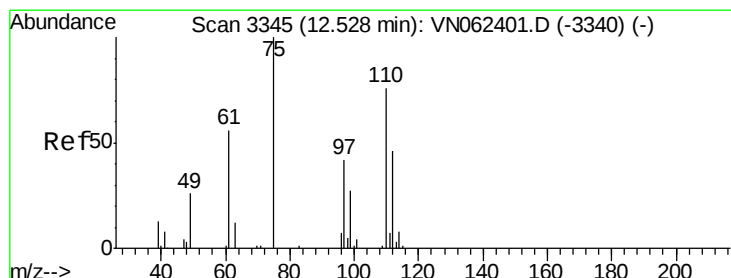
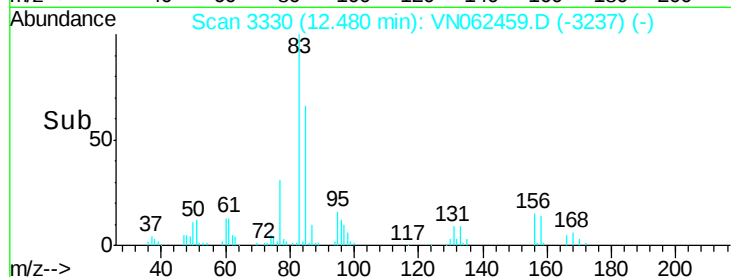
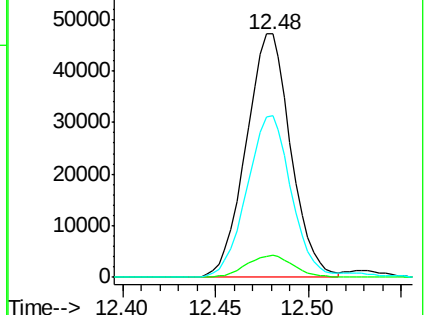
85 67.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062401.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062401.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062401.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 26.788 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062459.D

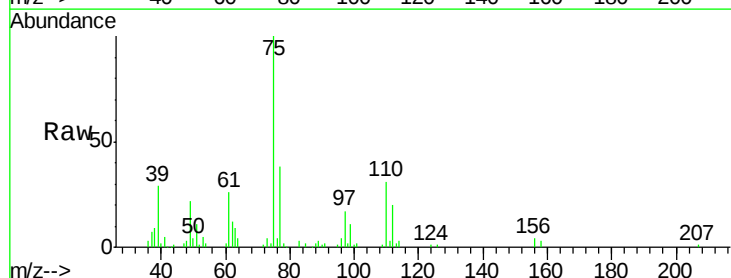
Acq: 9 Jul 2020 16:58

Tgt Ion: 75 Resp: 102226

Ion Ratio Lower Upper

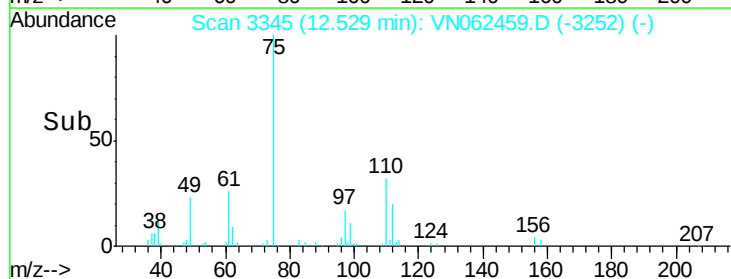
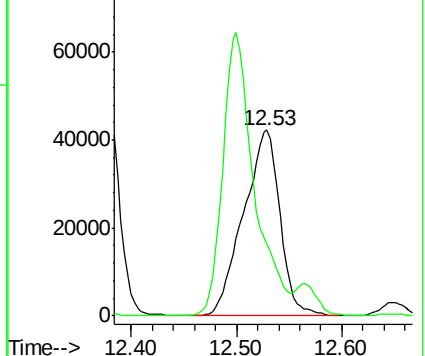
75 100

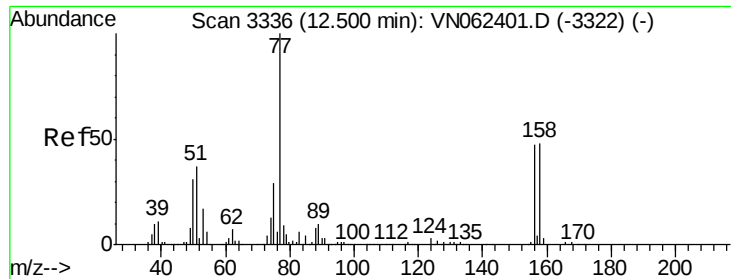
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062401.D (-3340) (-)





#77

Bromobenzene

Concen: 19.492 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

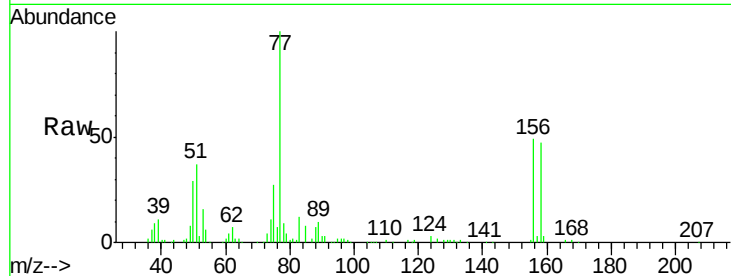
Tot Ion:156 Resp: 53331

Ion Ratio Lower Upper

156 100

77 248.5 126.4 379.3

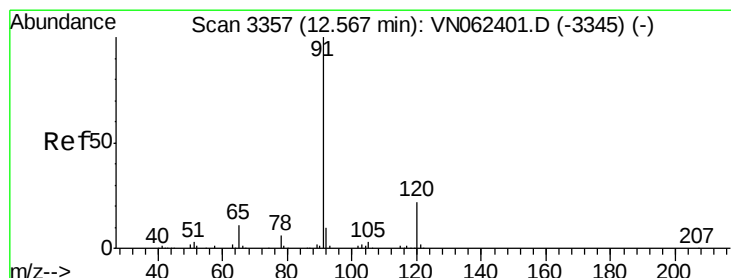
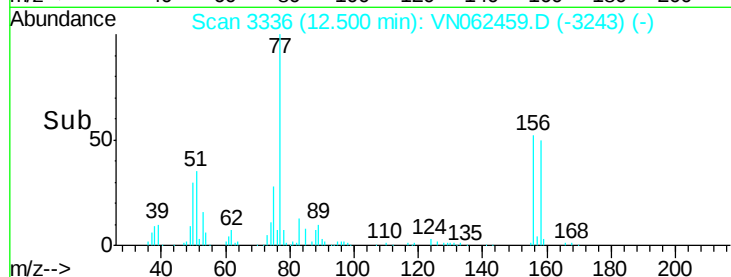
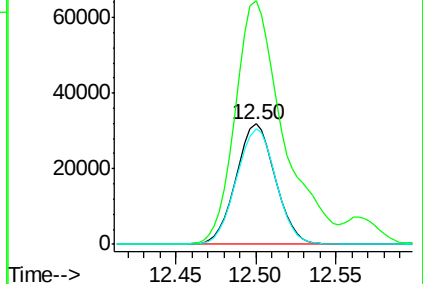
158 96.4 49.8 149.4



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: 19.528 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062459.D

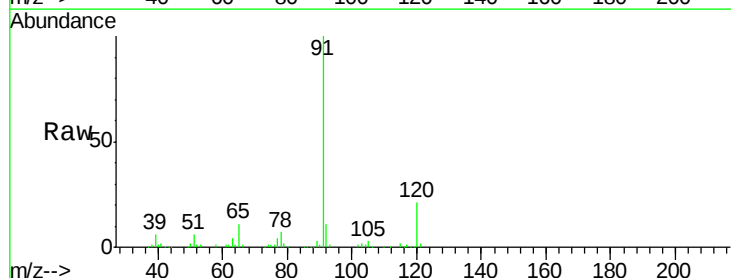
Acq: 9 Jul 2020 16:58

Tgt Ion: 91 Resp: 274530

Ion Ratio Lower Upper

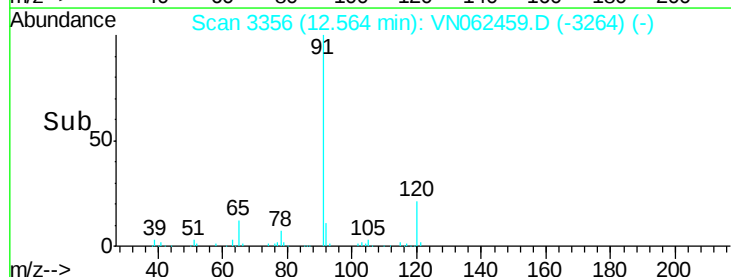
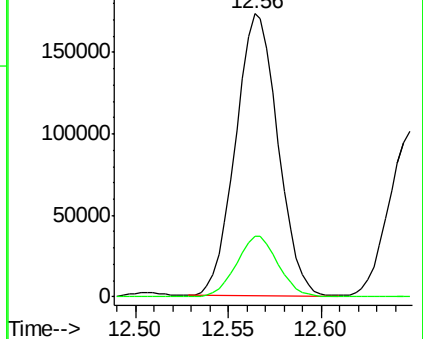
91 100

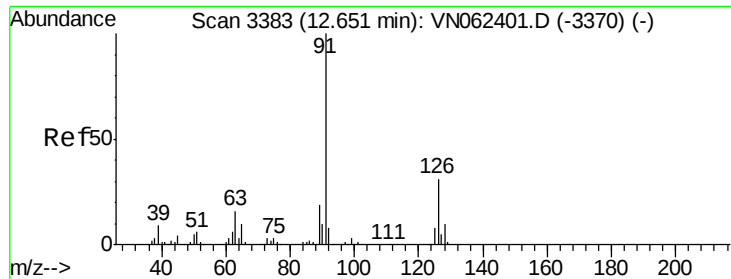
120 21.2 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.593 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampled :

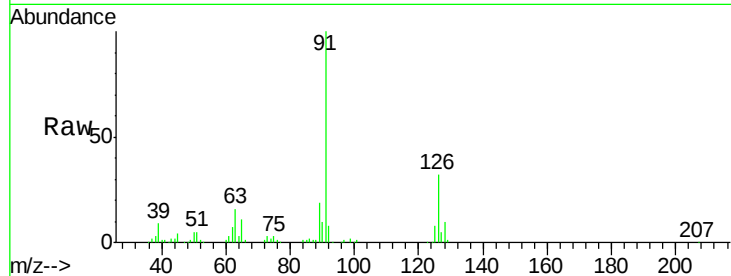
VN0709WBS02

Tot Ion: 91 Resp: 167172

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.7



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

Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)

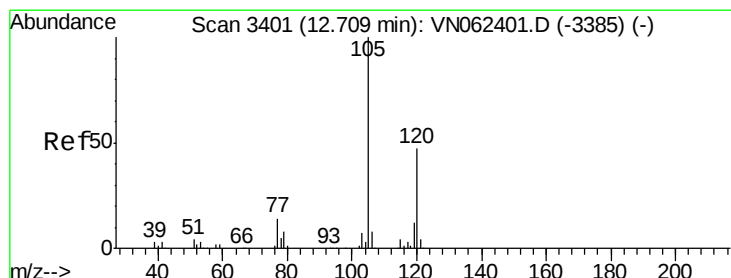
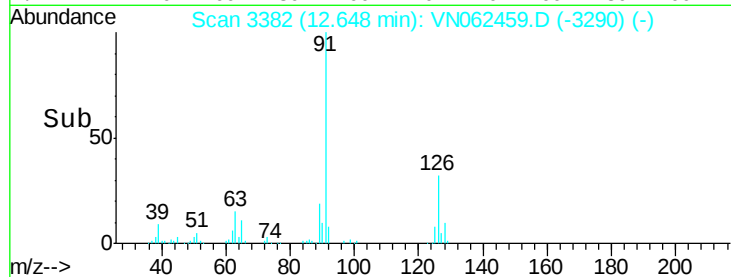
12.65

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.205 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062459.D

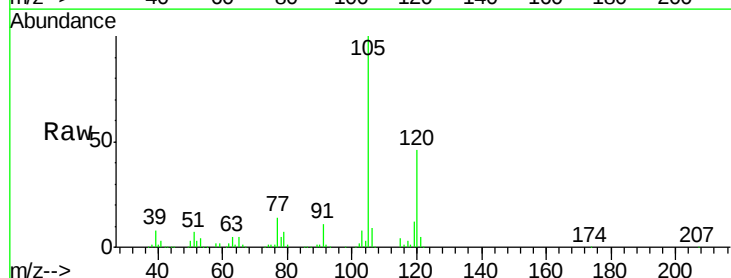
Acq: 9 Jul 2020 16:58

Tgt Ion: 105 Resp: 199343

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.2



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

Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)

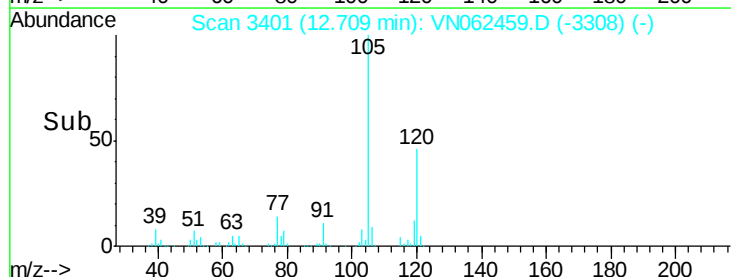
12.71

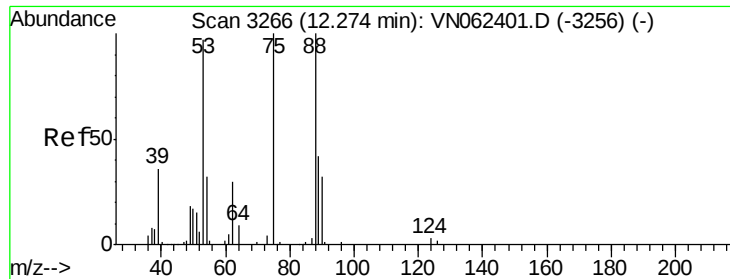
100000

50000

0

Time-->

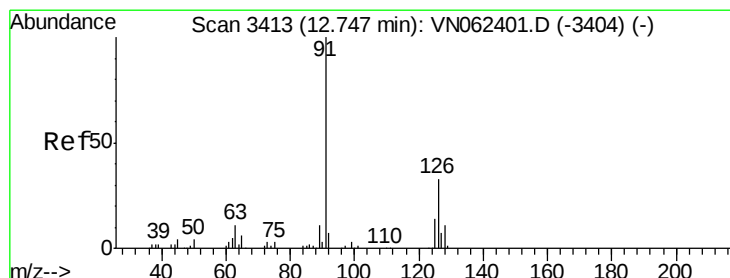
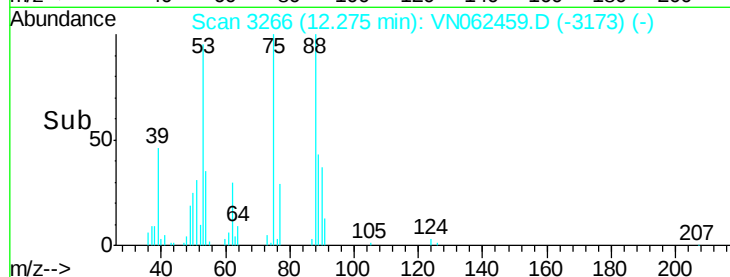
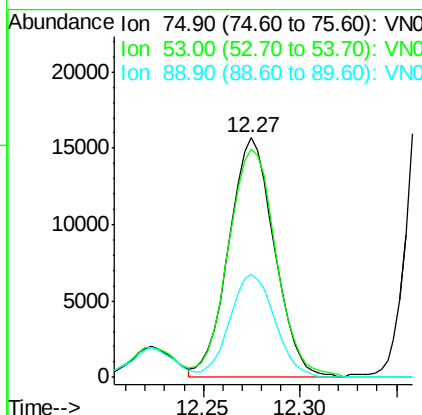
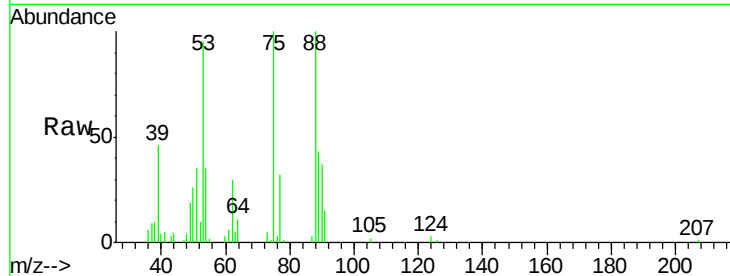




#81
trans-1,4-Dichloro-2-butene
Concen: 18.099 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

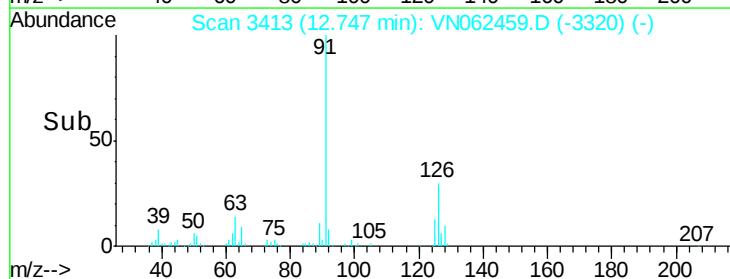
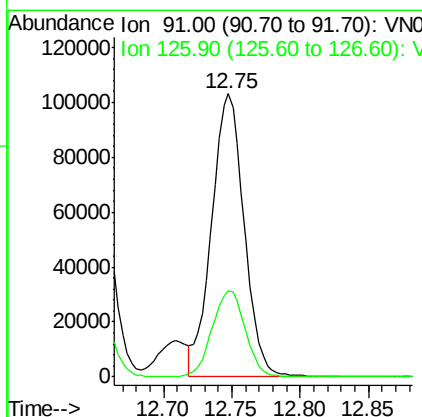
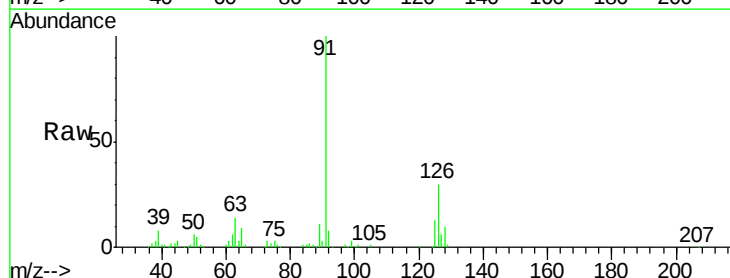
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

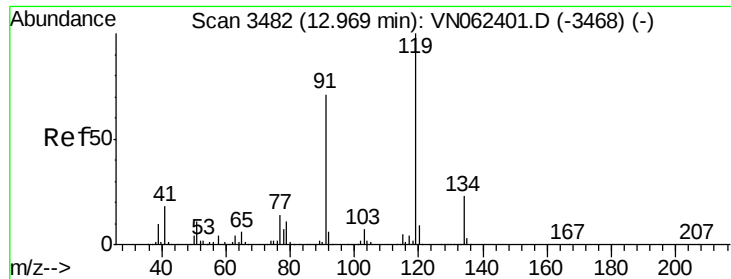
Tot Ion: 75 Resp: 25804
Ion Ratio Lower Upper
75 100
53 100.0 79.2 118.8
89 42.3 34.6 52.0



#82
4-Chlorotoluene
Concen: 19.509 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 91 Resp: 168989
Ion Ratio Lower Upper
91 100
126 31.2 15.2 45.6

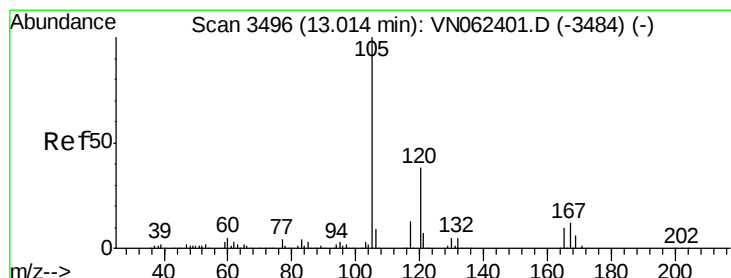
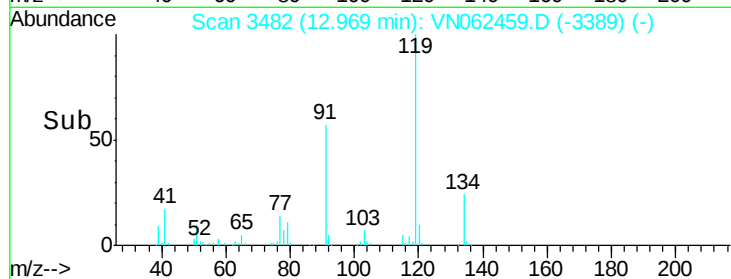
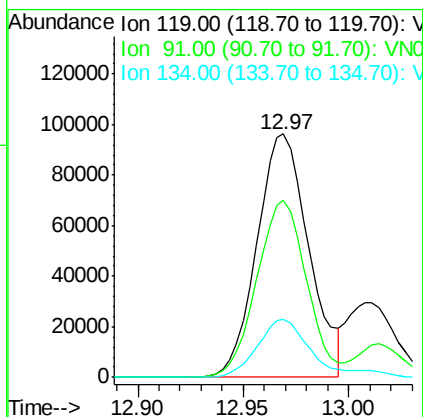
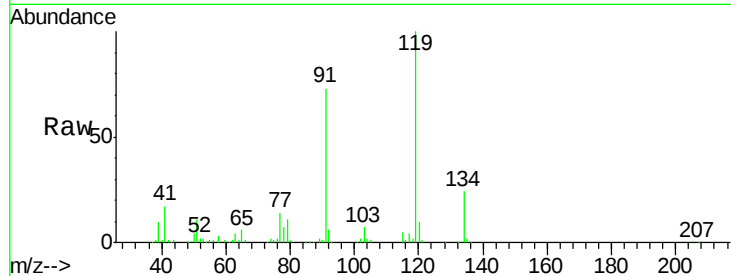




#83
tert-Butylbenzene
Concen: 19.704 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

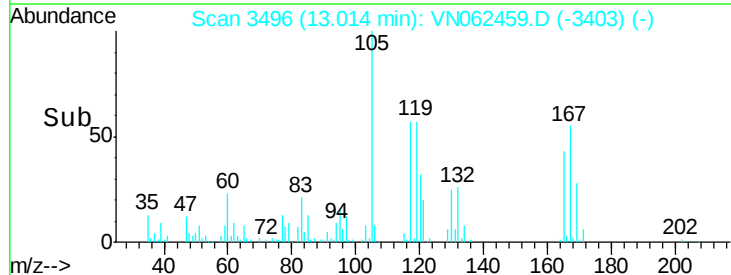
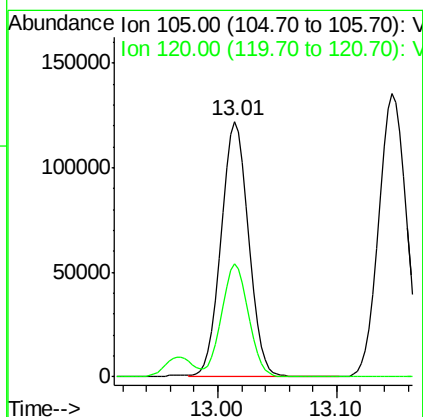
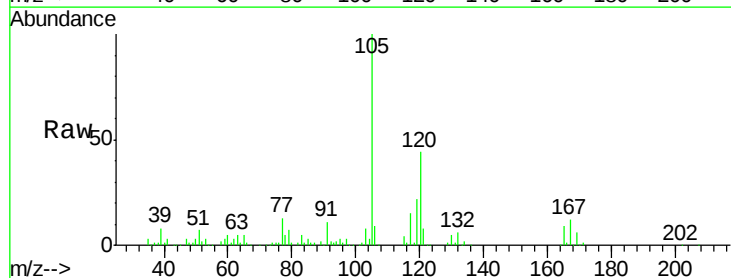
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

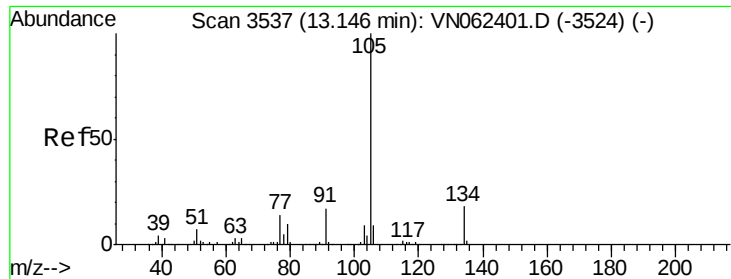
Tot Ion:119 Resp: 164974
Ion Ratio Lower Upper
119 100
91 69.9 34.8 104.3
134 25.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 19.985 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion:105 Resp: 195982
Ion Ratio Lower Upper
105 100
120 43.5 21.6 64.8





#85

sec-Butylbenzene

Concen: 19.833 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampled :

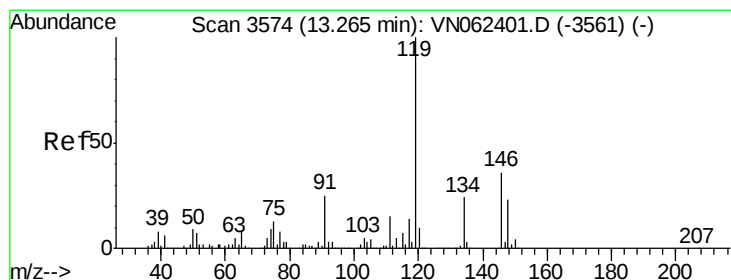
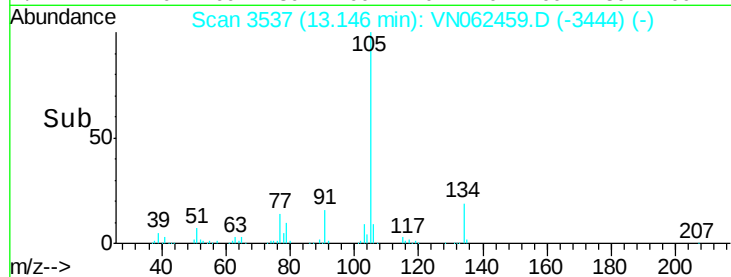
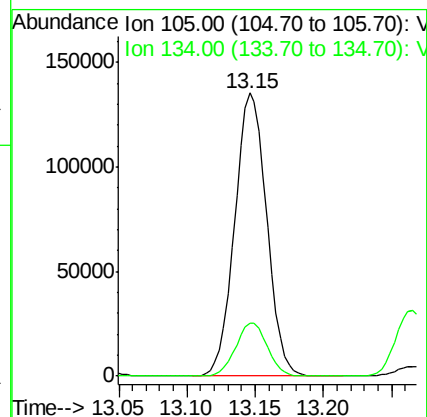
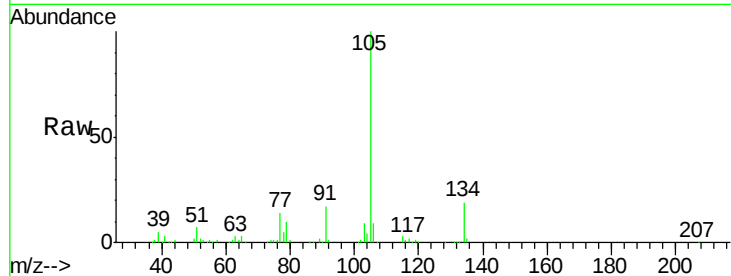
VN0709WBS02

Tot Ion:105 Resp: 220043

Ion Ratio Lower Upper

105 100

134 18.6 9.3 28.0



#86

p-Isopropyltoluene

Concen: 20.080 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

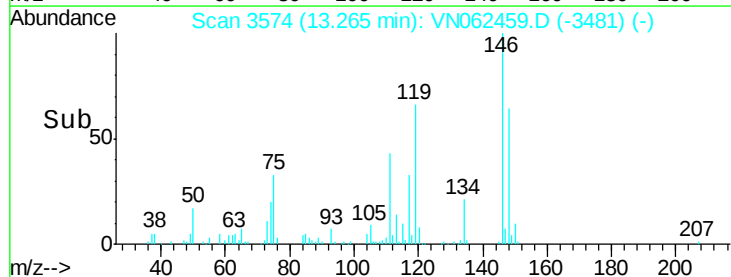
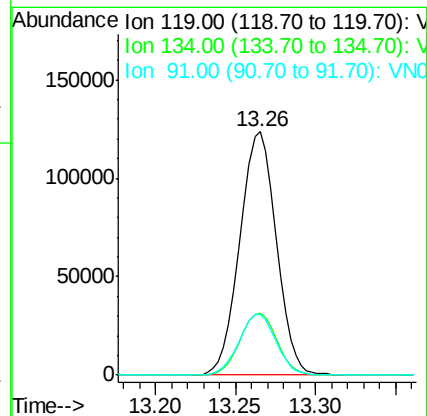
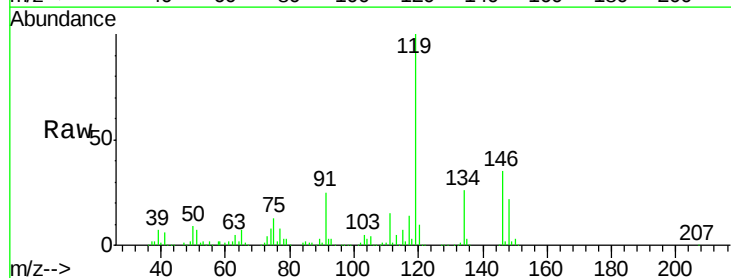
Tgt Ion:119 Resp: 192274

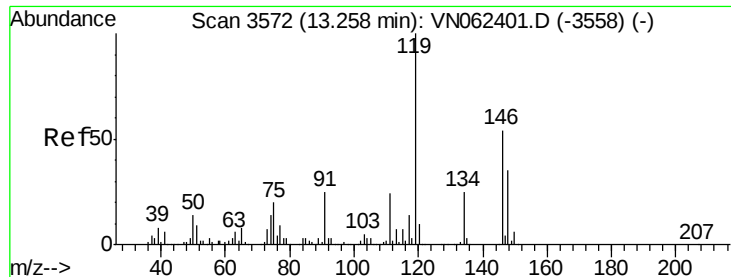
Ion Ratio Lower Upper

119 100

134 25.6 12.4 37.0

91 25.5 12.4 37.4

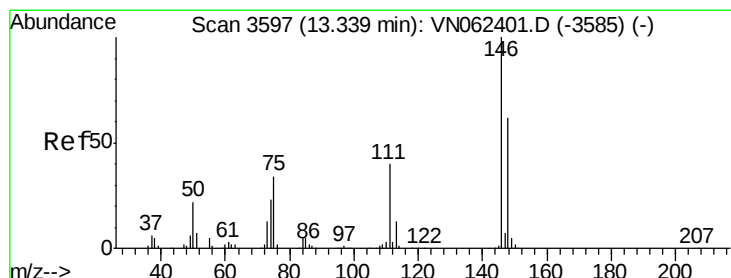
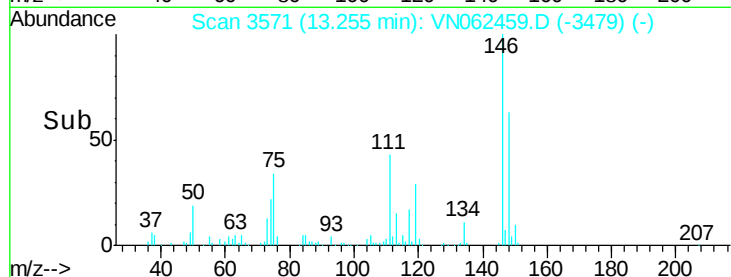
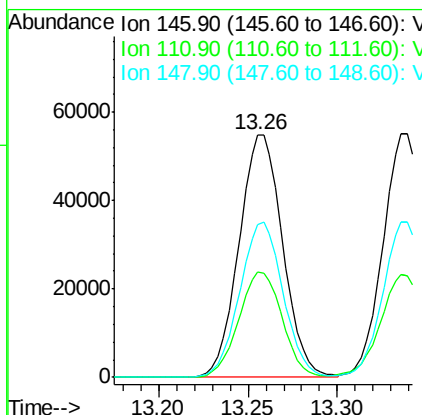
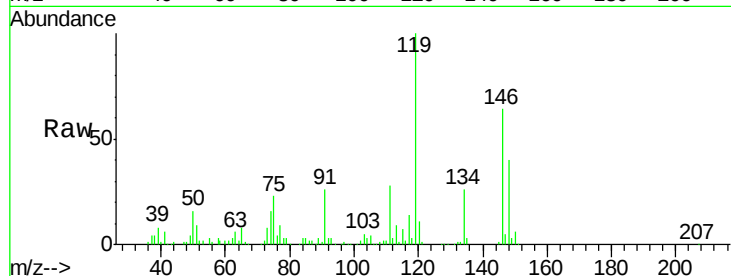




#87
 1,3-Dichlorobenzene
 Concen: 19.811 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

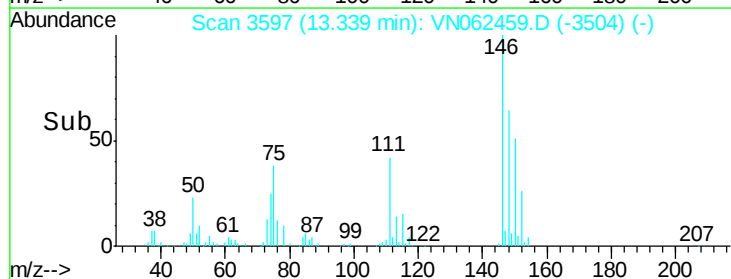
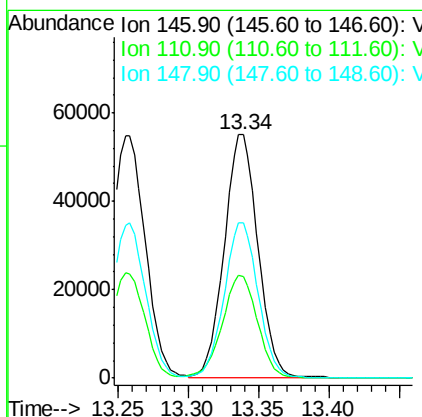
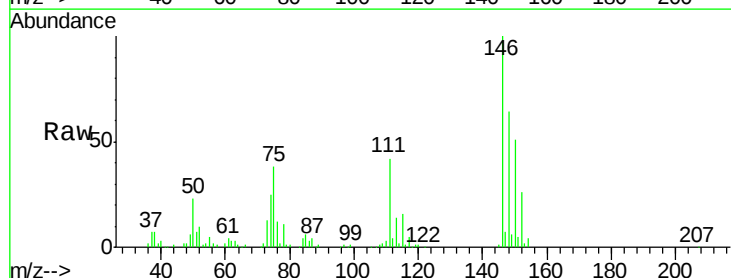
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

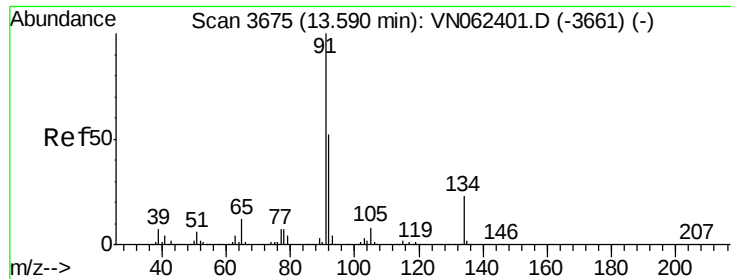
Tot Ion:146 Resp: 93507
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 63.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.844 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion:146 Resp: 91519
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.1 63.1
 148 64.7 31.4 94.2

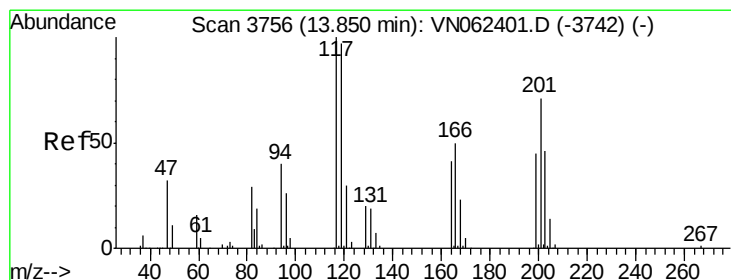
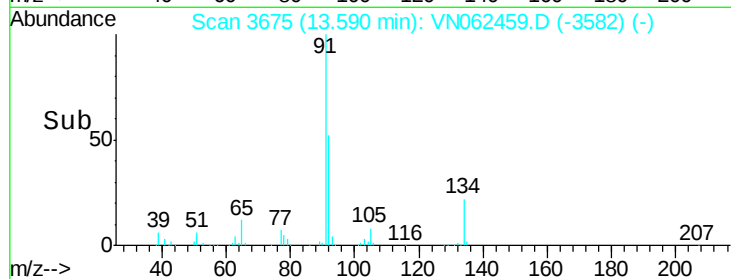
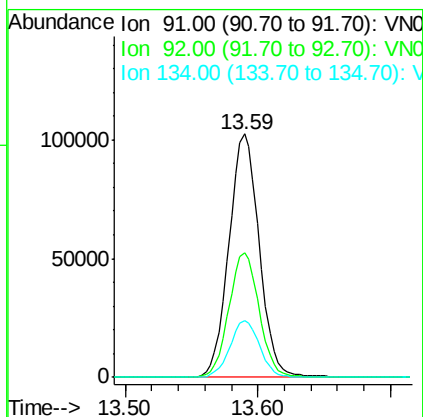
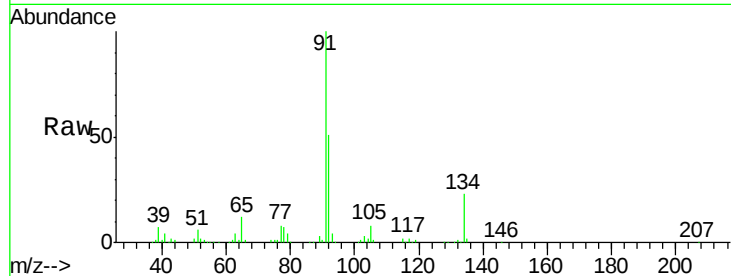




#89
n-Butylbenzene
Concen: 19.278 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

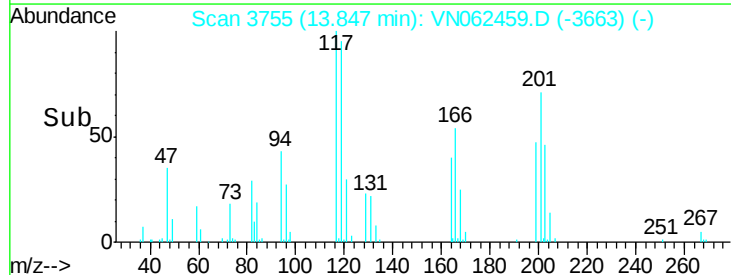
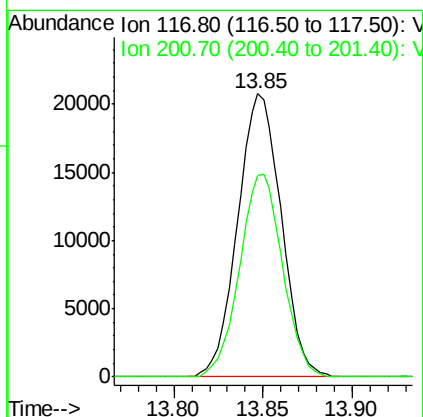
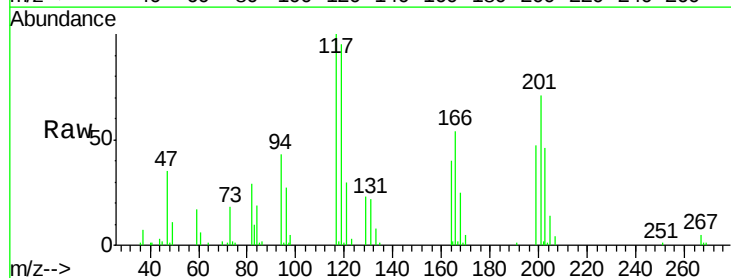
Instrument :
MSVOA_N
ClientSampled :
VN0709WBS02

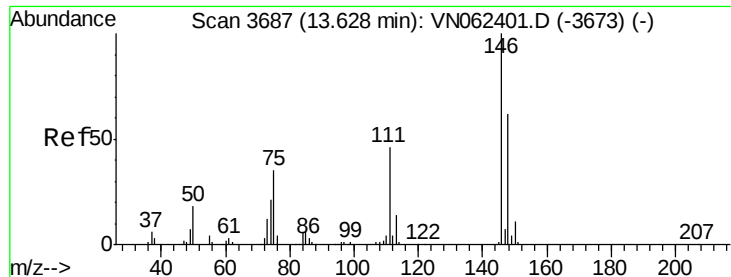
Tot Ion: 91 Resp: 162996
Ion Ratio Lower Upper
91 100
92 51.1 25.9 77.7
134 22.9 11.6 34.8



#90
Hexachloroethane
Concen: 18.776 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062459.D
Acq: 9 Jul 2020 16:58

Tgt Ion: 117 Resp: 35367
Ion Ratio Lower Upper
117 100
201 70.5 35.4 106.2

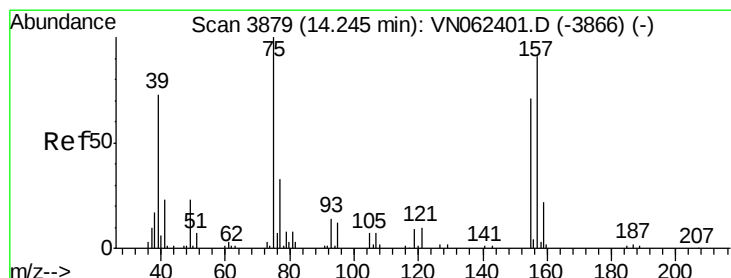
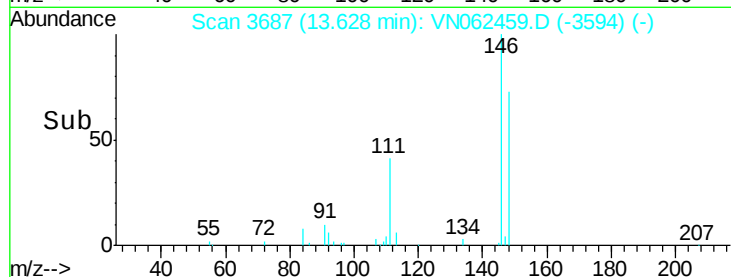
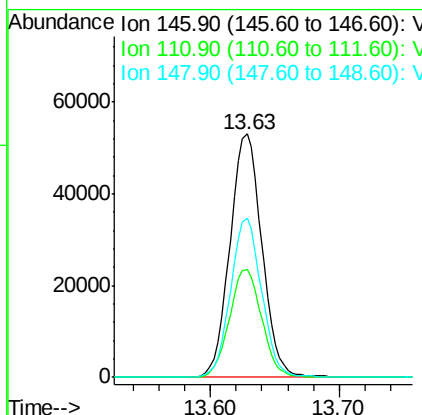
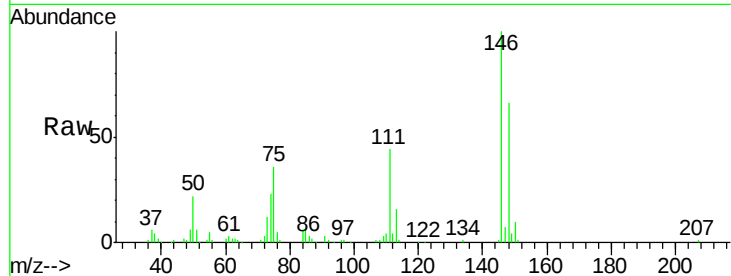




#91
 1,2-Dichlorobenzene
 Concen: 20.071 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

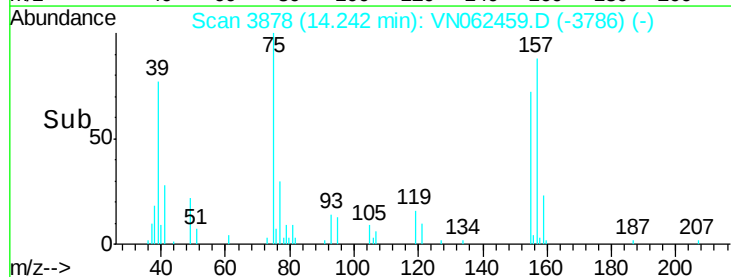
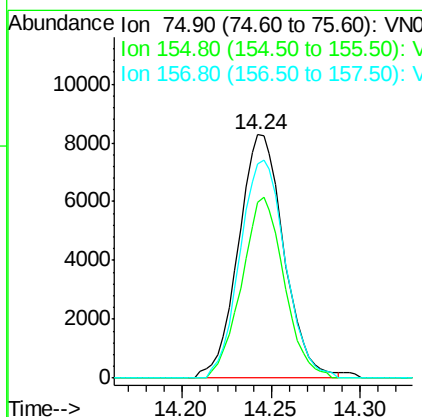
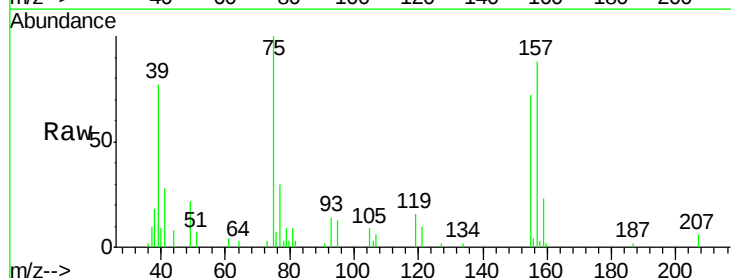
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

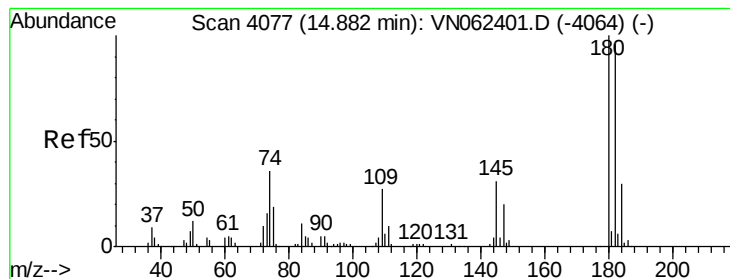
Tot Ion:146 Resp: 91596
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.5 67.5
 148 63.1 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.917 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062459.D
 Acq: 9 Jul 2020 16:58

Tgt Ion: 75 Resp: 14708
 Ion Ratio Lower Upper
 75 100
 155 69.3 35.2 105.6
 157 89.4 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 18.977 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS02

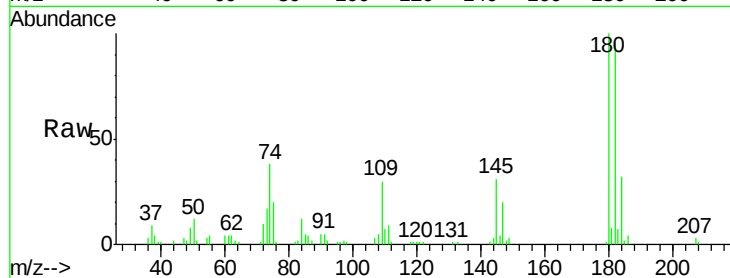
Tot Ion:180 Resp: 41047

Ion Ratio Lower Upper

180 100

182 95.1 48.4 145.2

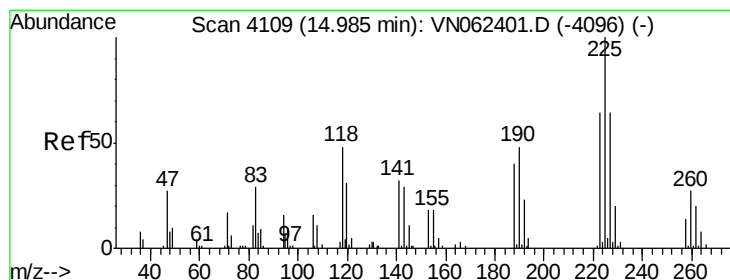
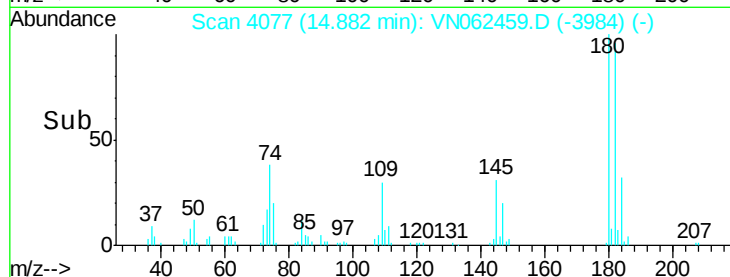
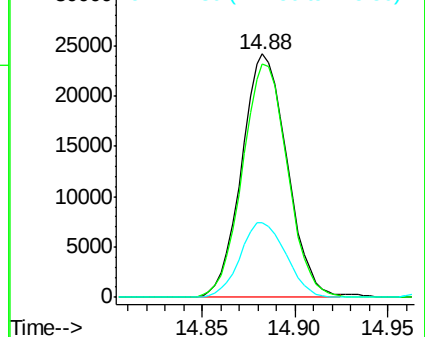
145 30.9 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.174 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

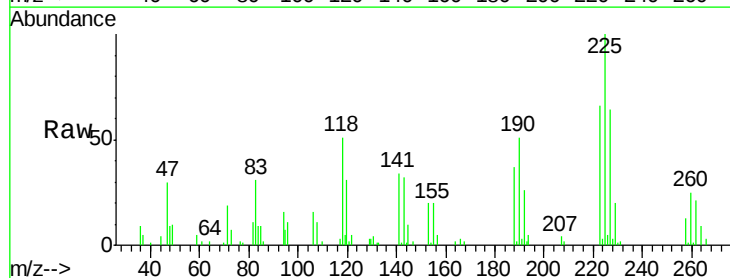
Tgt Ion:225 Resp: 24445

Ion Ratio Lower Upper

225 100

223 64.6 32.3 96.8

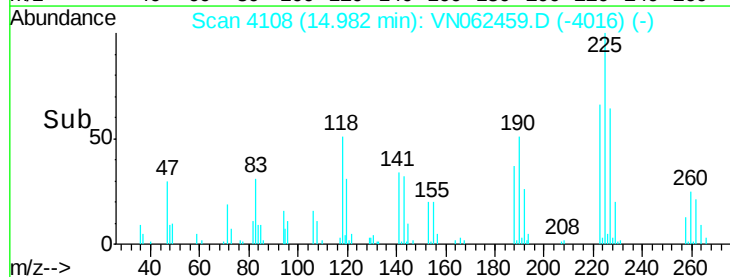
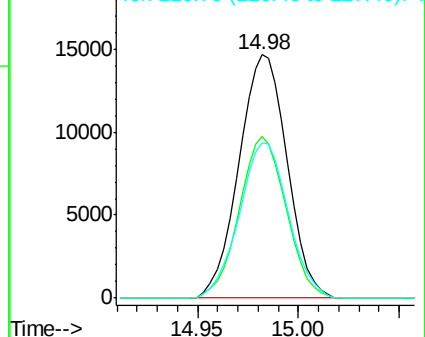
227 64.8 31.9 95.7

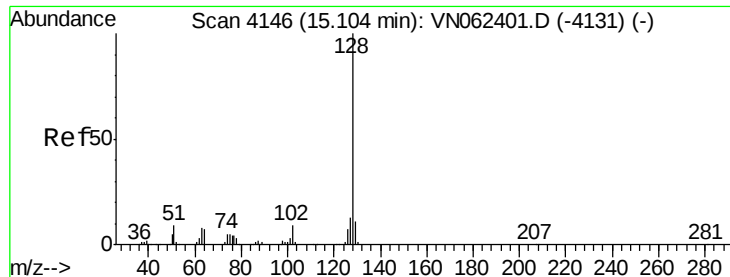


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.129 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

Instrument :

MSVOA_N

ClientSampled :

VN0709WBS02

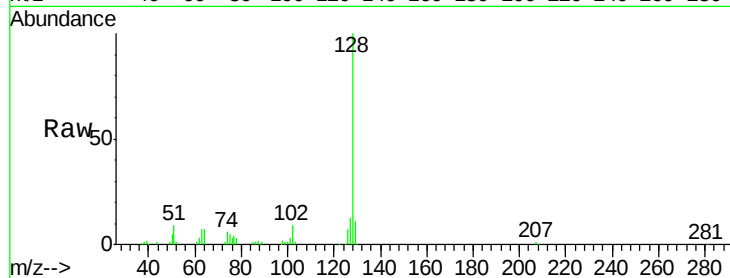
Tot Ion:128 Resp: 111174

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

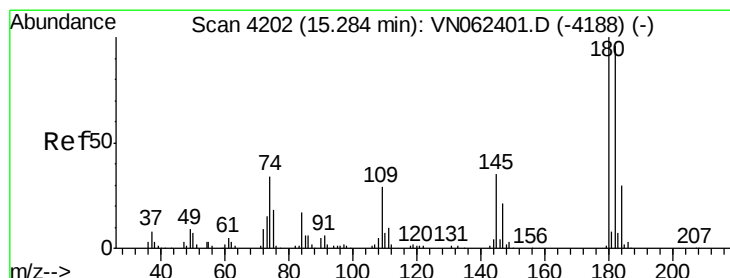
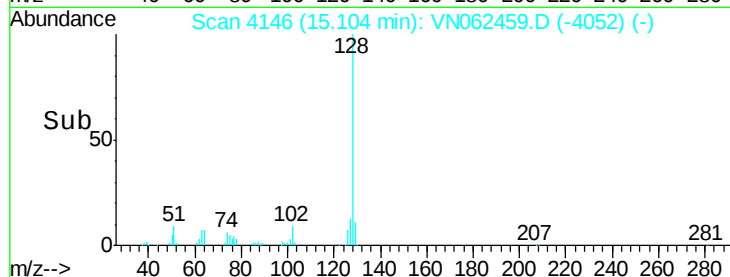
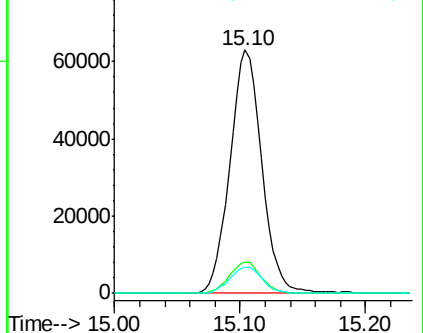
129 10.9 8.6 12.8



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: 19.406 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062459.D

Acq: 9 Jul 2020 16:58

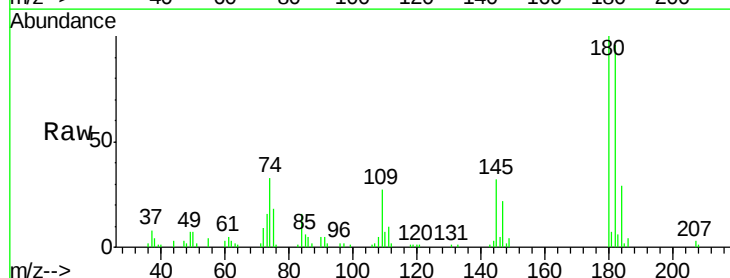
Tgt Ion:180 Resp: 42513

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.4

145 31.6 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

