

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062410.D
 Acq On : 8 Jul 2020 16:14
 Operator : JC/MD
 Sample : VN0708WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Quant Time: Jul 09 02:21:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	185079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	298289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	147146	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.55	113	102642	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.06	98	408763	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.38	95	143638	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38007	20.161	ug/l	99
3) Chloromethane	2.04	50	58428	19.316	ug/l	96
4) Vinyl Chloride	2.16	62	50479	20.369	ug/l	98
5) Bromomethane	2.53	94	27439	20.615	ug/l	99
6) Chloroethane	2.67	64	29968	20.762	ug/l	99
7) Trichlorofluoromethane	2.98	101	64773	20.579	ug/l	98
8) Diethyl Ether	3.37	74	29000	20.605	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	38506	20.637	ug/l	99
10) Methyl Iodide	3.91	142	47257	19.182	ug/l	100
11) Tert butyl alcohol	4.73	59	46918	99.355	ug/l	98
12) 1,1-Dichloroethene	3.70	96	38388	20.208	ug/l	96
13) Acrolein	3.57	56	30271	88.861	ug/l	99
14) Allyl chloride	4.28	41	89026	19.926	ug/l	99
15) Acrylonitrile	4.93	53	131075	105.834	ug/l	100
16) Acetone	3.78	43	113374	93.806	ug/l	99
17) Carbon Disulfide	4.01	76	118772	19.953	ug/l	98
18) Methyl Acetate	4.28	43	62304	20.657	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	147069	20.420	ug/l	99
20) Methylene Chloride	4.50	84	49137	19.015	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	42427	20.616	ug/l	94
22) Diisopropyl ether	5.90	45	185462	21.011	ug/l	98
23) Vinyl Acetate	5.84	43	760551	104.014	ug/l	99
24) 1,1-Dichloroethane	5.80	63	94464	20.711	ug/l	99
25) 2-Butanone	6.79	43	181115	102.609	ug/l	100
26) 2,2-Dichloropropane	6.78	77	68978	19.723	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	50119	21.025	ug/l	98
28) Bromochloromethane	7.15	49	47224	19.057	ug/l	98
29) Tetrahydrofuran	7.17	42	125802	105.862	ug/l	99
30) Chloroform	7.33	83	86382	20.975	ug/l	98
31) Cyclohexane	7.61	56	85025	19.663	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	70019	20.440	ug/l	98
36) 1,1-Dichloropropene	7.75	75	65391	20.032	ug/l	99
37) Ethyl Acetate	6.89	43	78649	20.605	ug/l	99
38) Carbon Tetrachloride	7.73	117	60273	20.538	ug/l	98

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Quant Time: Jul 09 02:21:30 2020
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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	70414	20.205	ug/l	98
40) Benzene	8.00	78	197180	20.495	ug/l	100
41) Methacrylonitrile	7.13	41	35952	22.544	ug/l	92
42) 1,2-Dichloroethane	8.08	62	74571	21.169	ug/l	99
43) Isopropyl Acetate	8.13	43	123643	20.505	ug/l	98
44) Trichloroethene	8.80	130	43780	20.510	ug/l	99
45) 1,2-Dichloropropane	9.08	63	58169	20.828	ug/l	97
46) Dibromomethane	9.17	93	31967	20.283	ug/l	99
47) Bromodichloromethane	9.37	83	68330	20.278	ug/l	100
48) Methyl methacrylate	9.17	41	59802	20.218	ug/l	99
49) 1,4-Dioxane	9.17	88	18534	430.510	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	381721	105.990	ug/l	100
52) Toluene	10.12	92	113855	20.488	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	75029	19.875	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	83528	20.054	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	45494	20.815	ug/l	97
56) Ethyl methacrylate	10.40	69	75339	19.801	ug/l	98
57) 1,3-Dichloropropane	10.68	76	83183	20.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	127520	98.347	ug/l	99
59) 2-Hexanone	10.72	43	271038	103.664	ug/l	100
60) Dibromochloromethane	10.87	129	46771	19.736	ug/l	96
61) 1,2-Dibromoethane	10.98	107	45931	20.818	ug/l	97
64) Tetrachloroethene	10.60	164	36166	20.432	ug/l	98
65) Chlorobenzene	11.41	112	115543	19.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	42624	19.938	ug/l	99
67) Ethyl Benzene	11.48	91	216143	19.862	ug/l	99
68) m/p-Xylenes	11.60	106	155634	40.400	ug/l	100
69) o-Xylene	11.92	106	75443	20.114	ug/l	100
70) Styrene	11.94	104	126210	20.360	ug/l	100
71) Bromoform	12.10	173	31856	20.326	ug/l #	99
73) Isopropylbenzene	12.22	105	204479	20.400	ug/l	100
74) N-amyl acetate	12.05	43	102115	20.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	69515	20.626	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	90230	28.389	ug/l #	100
77) Bromobenzene	12.50	156	46251	20.297	ug/l	97
78) n-propylbenzene	12.57	91	238285	20.351	ug/l	99
79) 2-Chlorotoluene	12.65	91	143938	20.255	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170061	20.696	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23030	19.395	ug/l	98
82) 4-Chlorotoluene	12.75	91	146643	20.327	ug/l	99
83) tert-Butylbenzene	12.97	119	142695	20.463	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	162754	19.927	ug/l	98
85) sec-Butylbenzene	13.15	105	187518	20.293	ug/l	100
86) p-Isopropyltoluene	13.26	119	163718	20.528	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	78625	20.000	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	78936	19.514	ug/l	98
89) n-Butylbenzene	13.59	91	135320	19.217	ug/l	99
90) Hexachloroethane	13.85	117	31839	20.295	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	77498	20.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13069	21.249	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

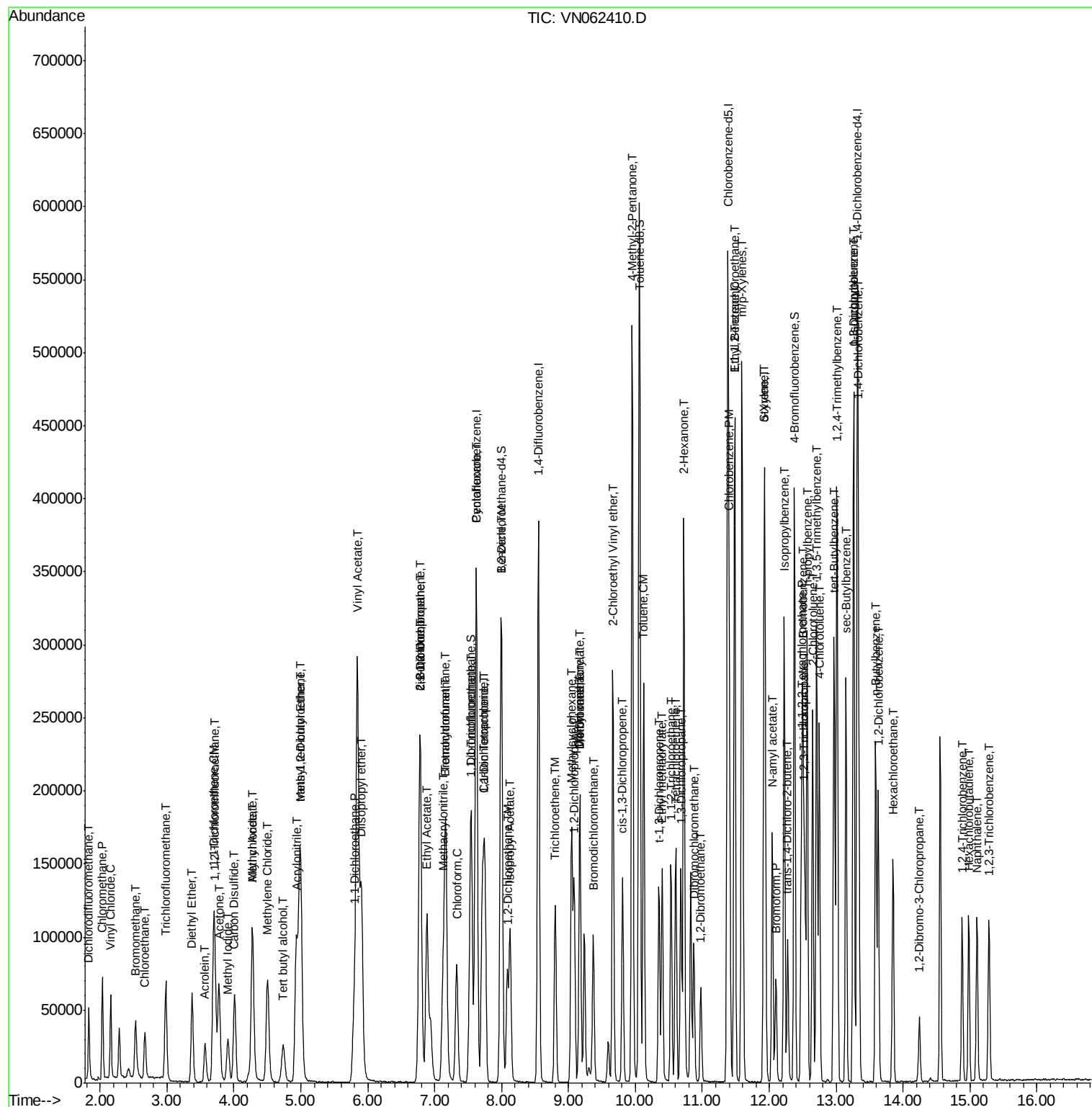
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	34442	20.255	ug/l	97
94) Hexachlorobutadiene	14.98	225	20400	20.214	ug/l	99
95) Naphthalene	15.10	128	91944	19.991	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	35425	19.414	ug/l	100

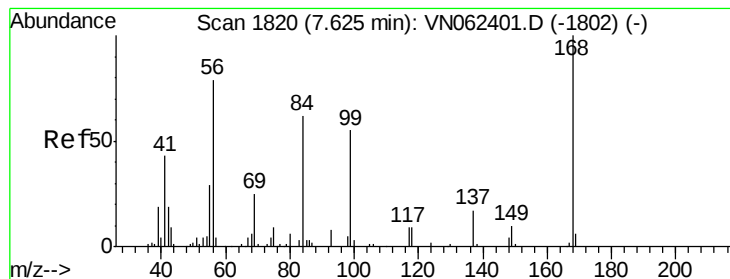
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062410.D
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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
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: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

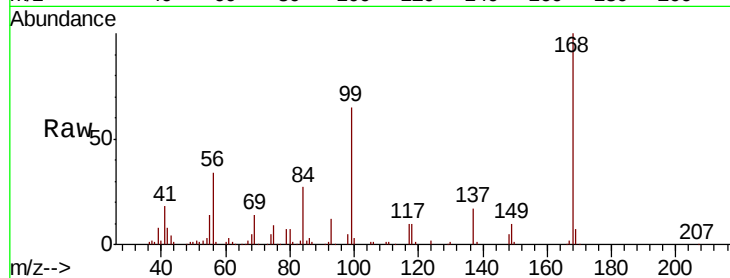
VN0708WBS01

Tot Ion:168 Resp: 185079

Ion Ratio Lower Upper

168 100

99 64.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

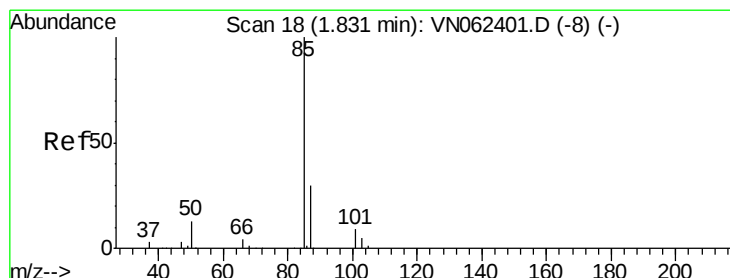
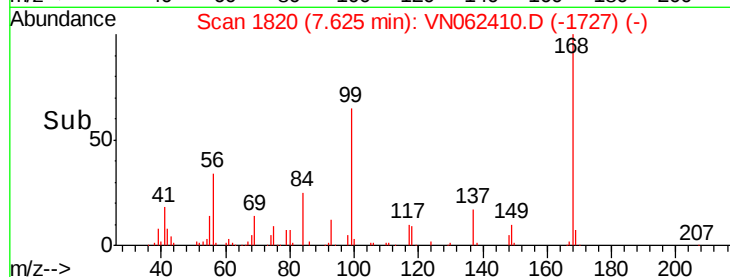
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.161 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062410.D

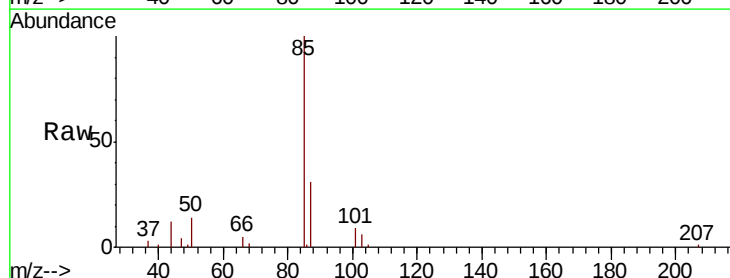
Acq: 8 Jul 2020 16:14

Tgt Ion: 85 Resp: 38007

Ion Ratio Lower Upper

85 100

87 30.6 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

15000

10000

5000

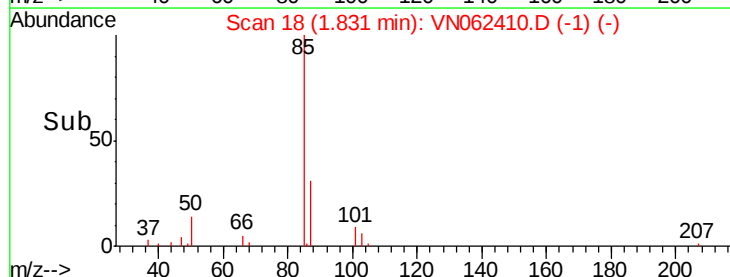
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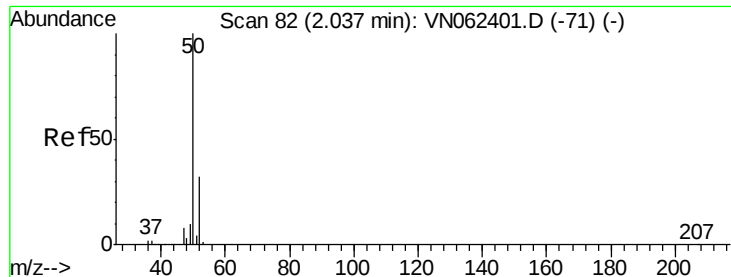
1.80

1.85

1.90

Time-->

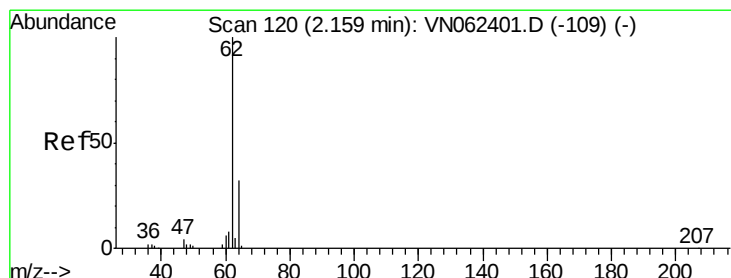
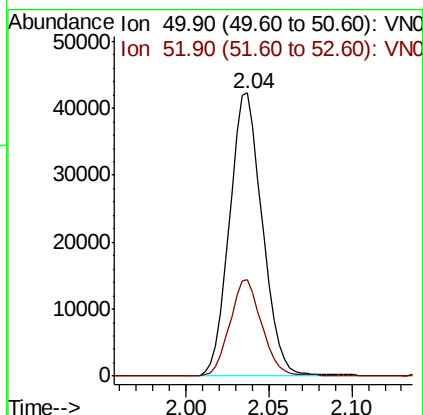
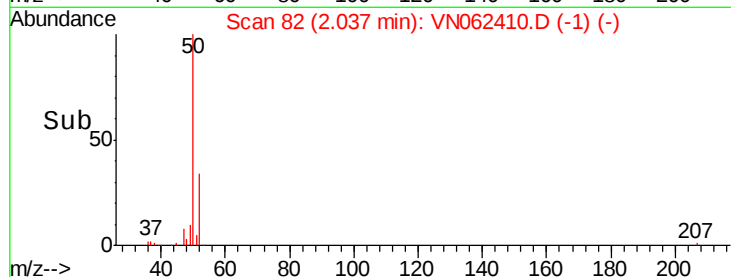
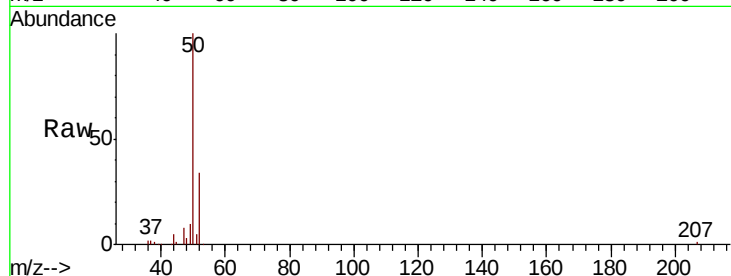




#3
Chloromethane
Concen: 19.316 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

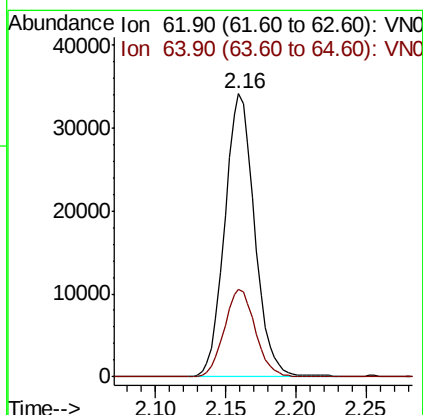
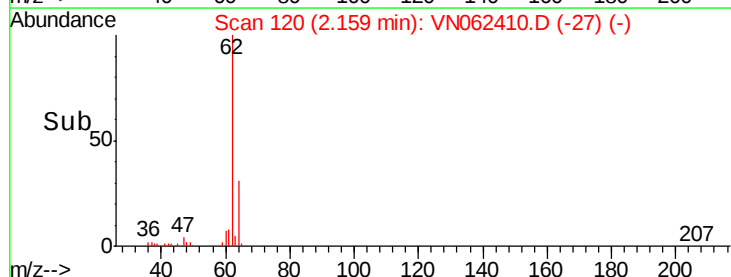
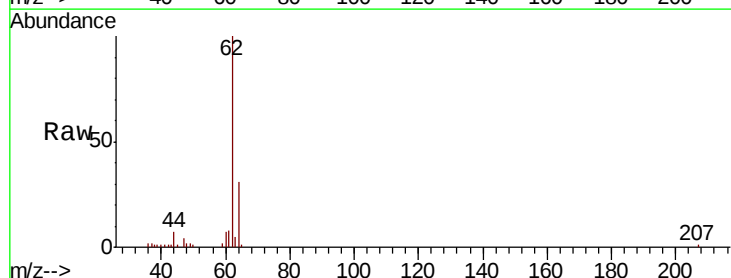
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

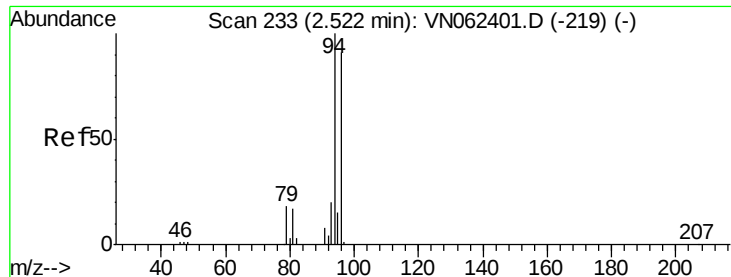
Tot Ion: 50 Resp: 58428
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3



#4
Vinyl Chloride
Concen: 20.369 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 62 Resp: 50479
Ion Ratio Lower Upper
62 100
64 31.0 25.7 38.5





#5

Bromomethane

Concen: 20.615 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

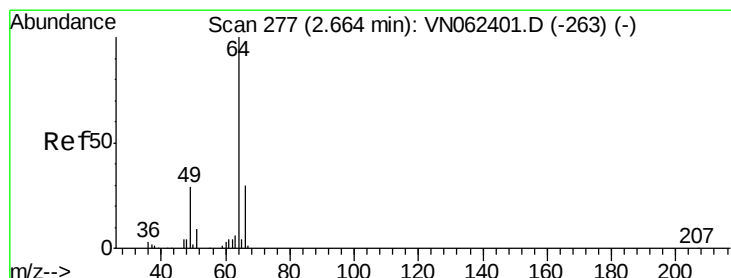
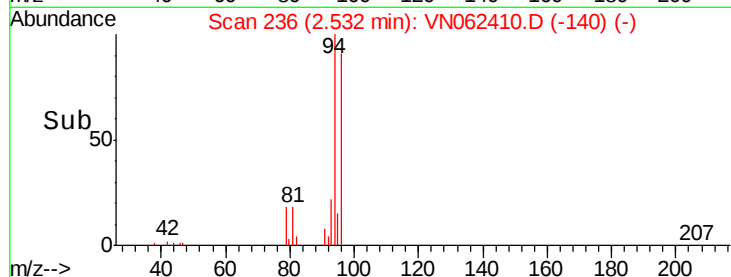
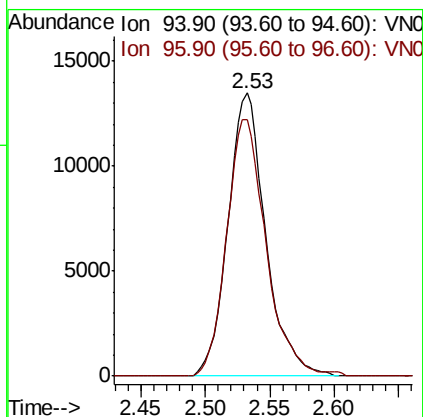
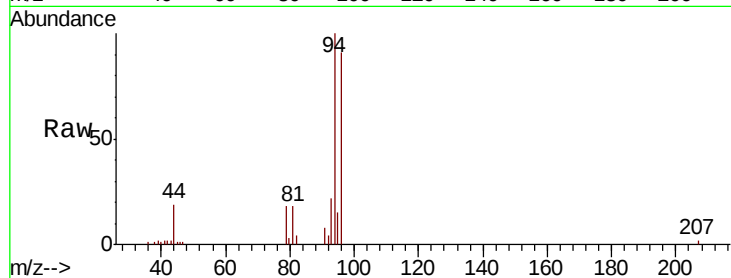
VN0708WBS01

Tot Ion: 94 Resp: 27439

Ion Ratio Lower Upper

94 100

96 90.6 73.2 109.8



#6

Chloroethane

Concen: 20.762 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062410.D

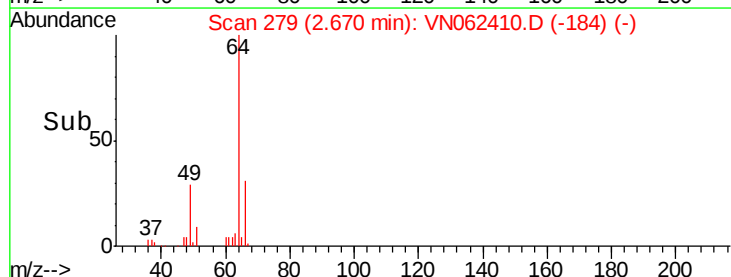
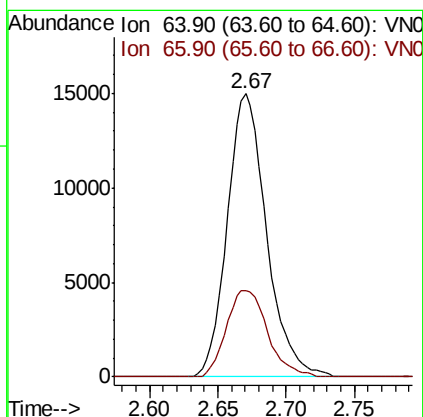
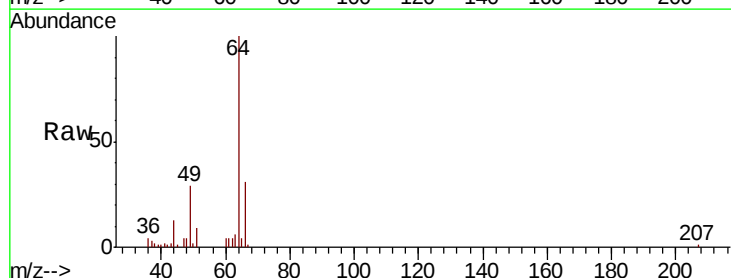
Acq: 8 Jul 2020 16:14

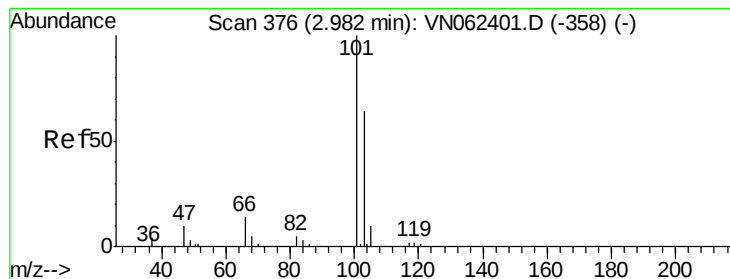
Tgt Ion: 64 Resp: 29968

Ion Ratio Lower Upper

64 100

66 30.7 24.2 36.2



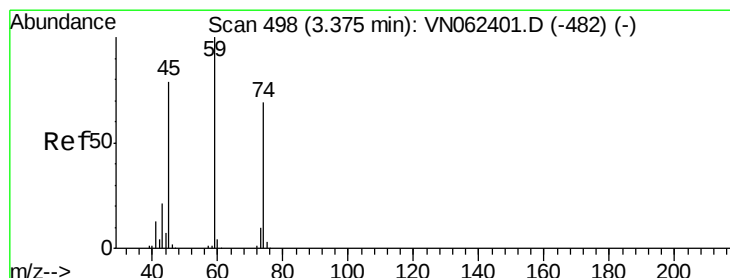
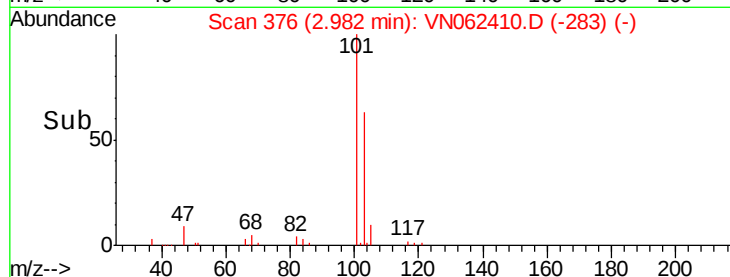
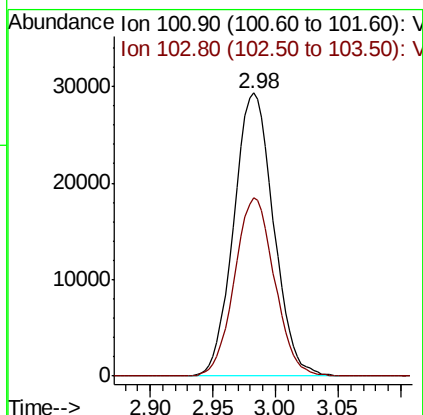
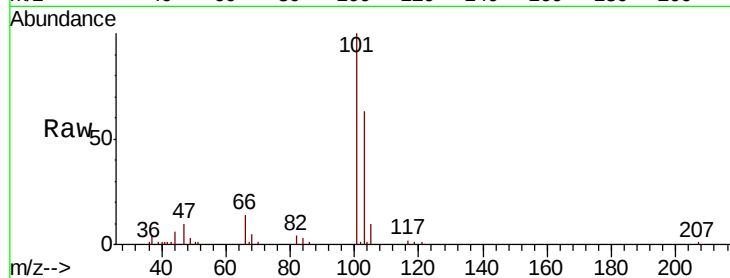


#7

Trichlorofluoromethane
 Concen: 20.579 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

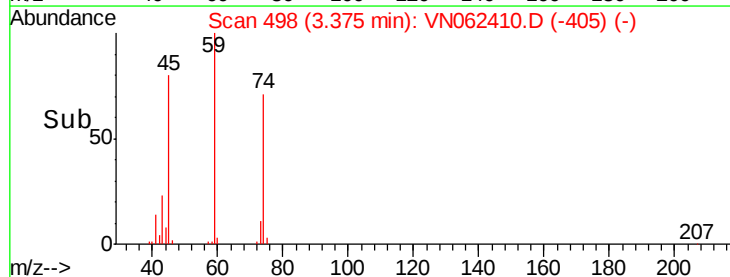
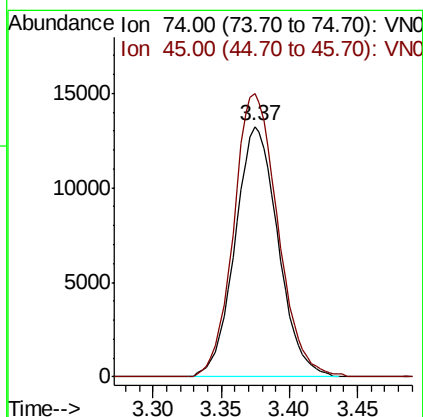
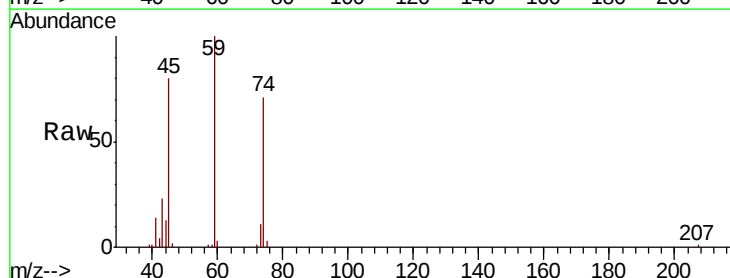
Tot Ion:101 Resp: 64773
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.6 77.4

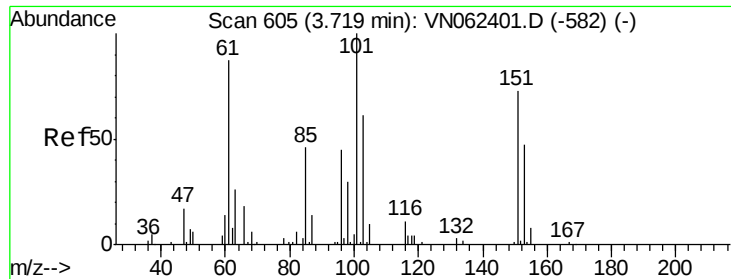


#8

Diethyl Ether
 Concen: 20.605 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 74 Resp: 29000
 Ion Ratio Lower Upper
 74 100
 45 116.0 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.637 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

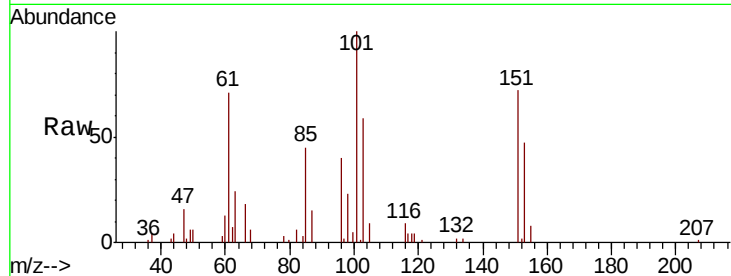
Tot Ion:101 Resp: 38506

Ion Ratio Lower Upper

101 100

85 46.8 36.7 55.1

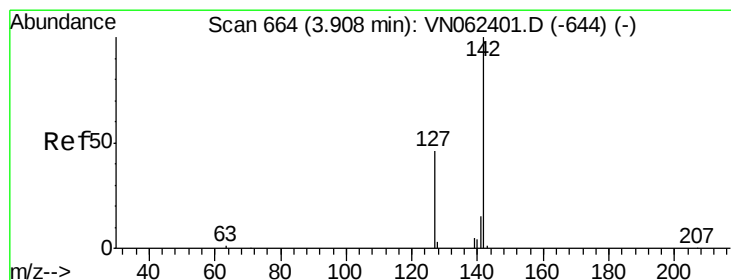
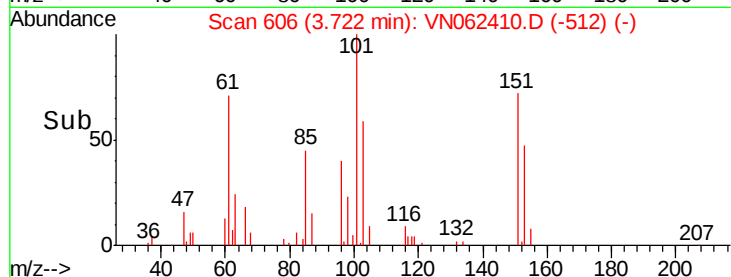
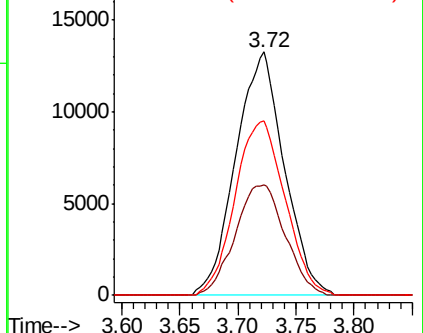
151 73.8 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.182 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

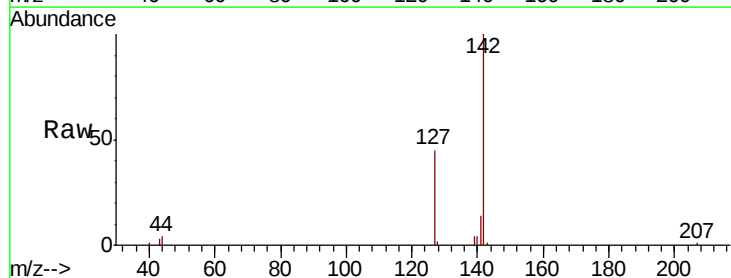
Tgt Ion:142 Resp: 47257

Ion Ratio Lower Upper

142 100

127 45.0 36.1 54.1

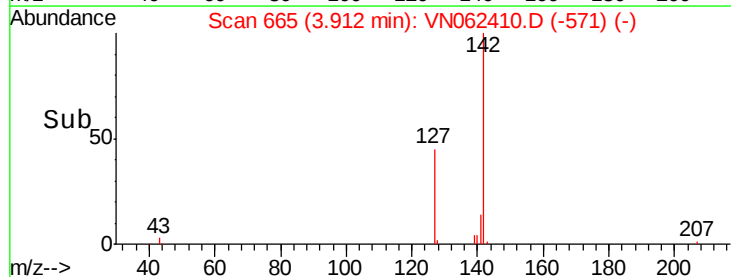
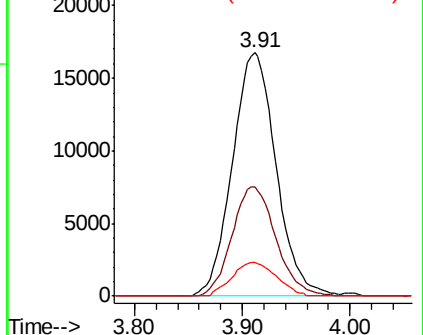
141 14.1 11.4 17.0

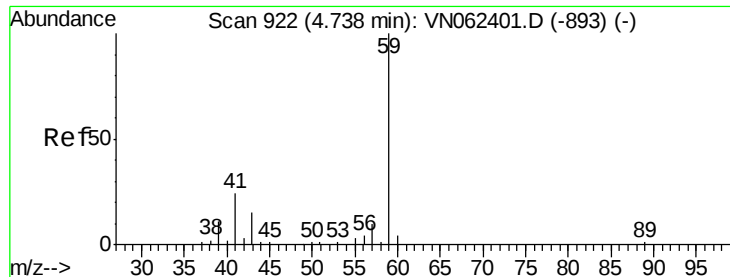


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

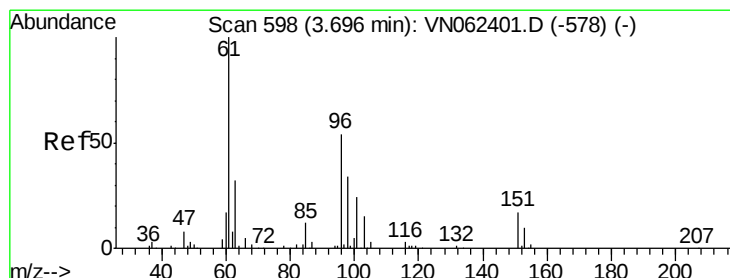
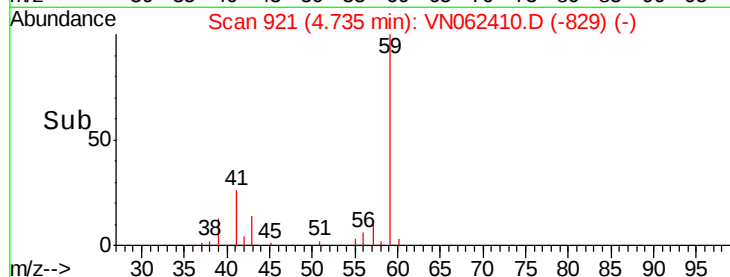
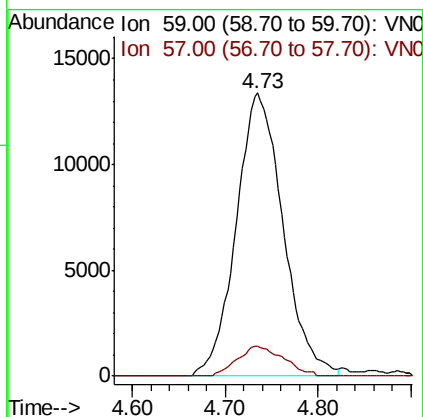
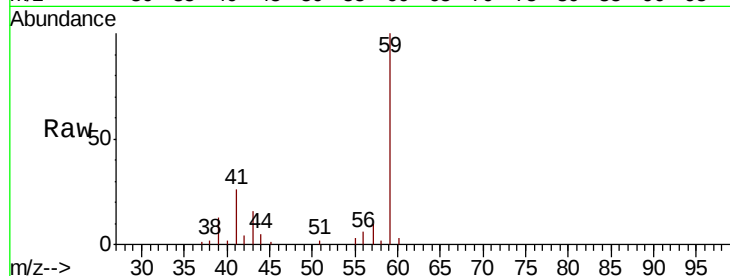




#11
Tert butyl alcohol
Concen: 99.355 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

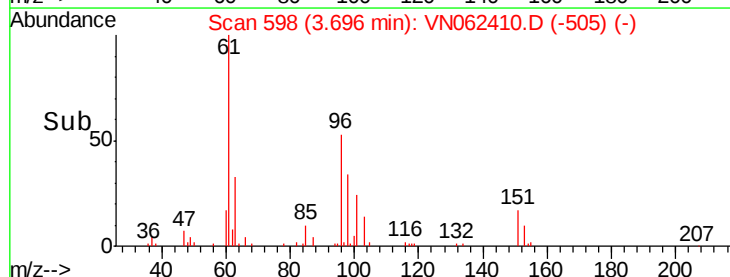
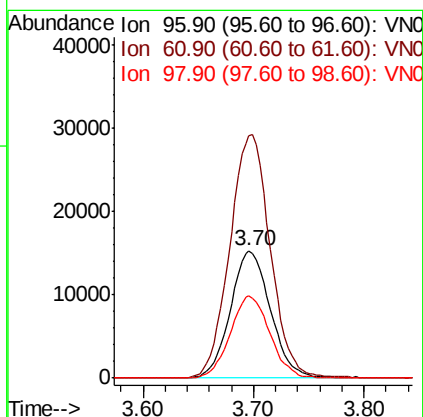
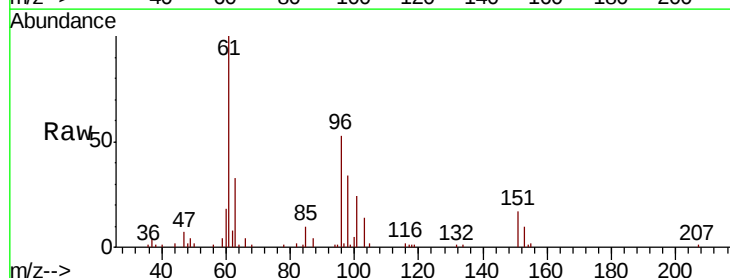
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

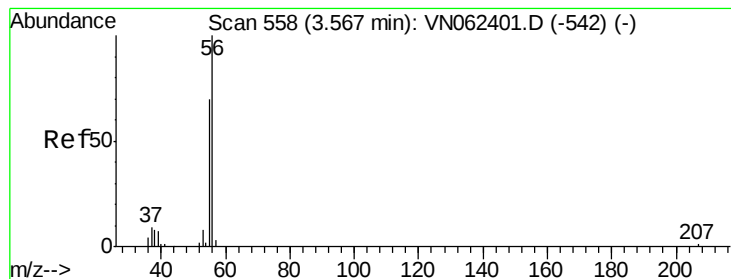
Tot Ion: 59 Resp: 46918
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.6



#12
1,1-Dichloroethene
Concen: 20.208 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 96 Resp: 38388
Ion Ratio Lower Upper
96 100
61 189.9 147.4 221.0
98 64.8 50.4 75.6





#13

Acrolein

Concen: 88.861 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

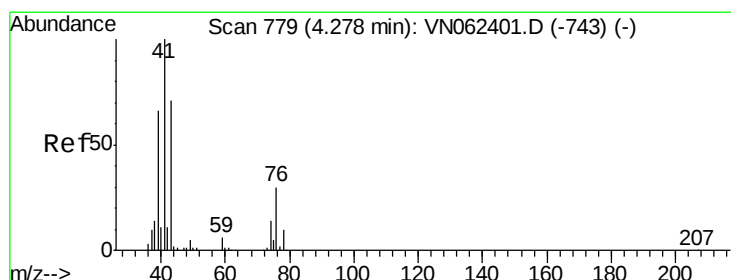
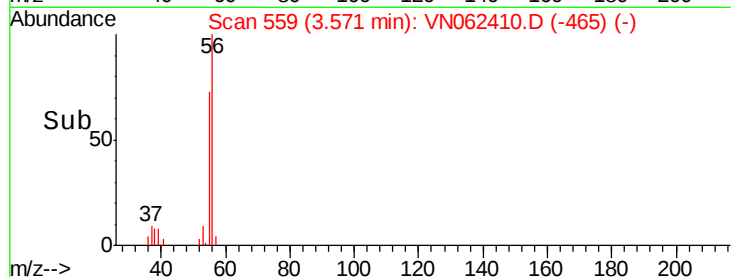
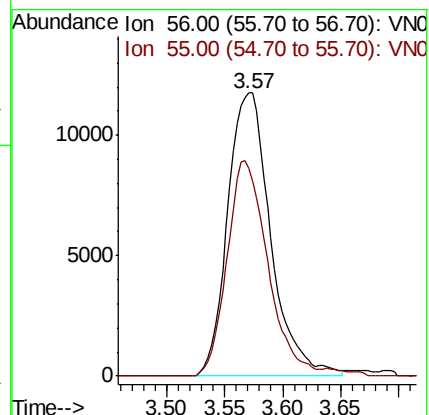
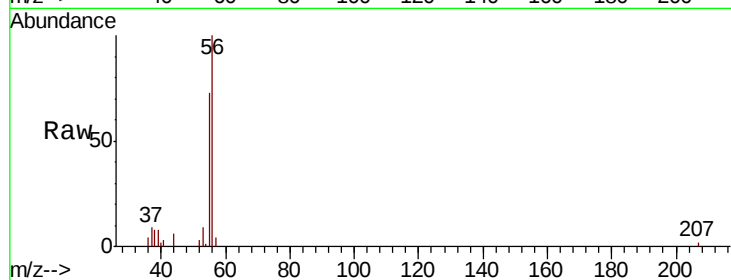
VN0708WBS01

Tot Ion: 56 Resp: 30271

Ion Ratio Lower Upper

56 100

55 72.0 57.2 85.8



#14

Allyl chloride

Concen: 19.926 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

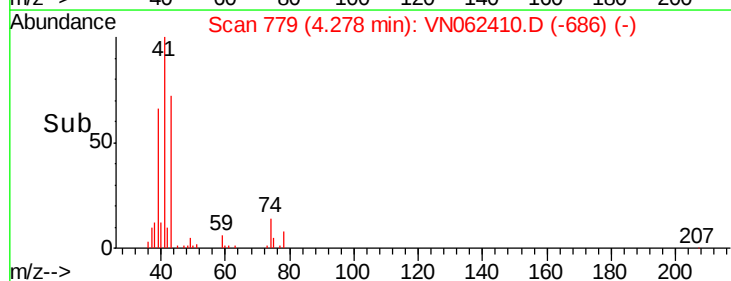
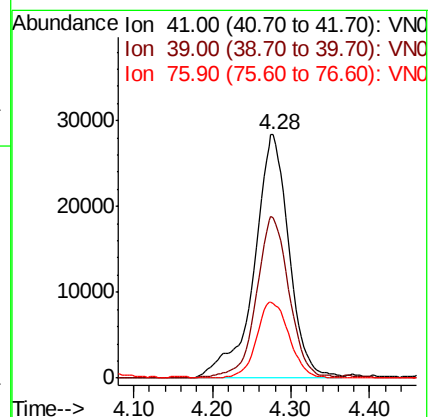
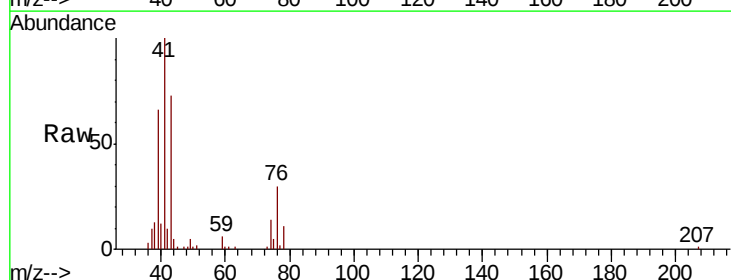
Tgt Ion: 41 Resp: 89026

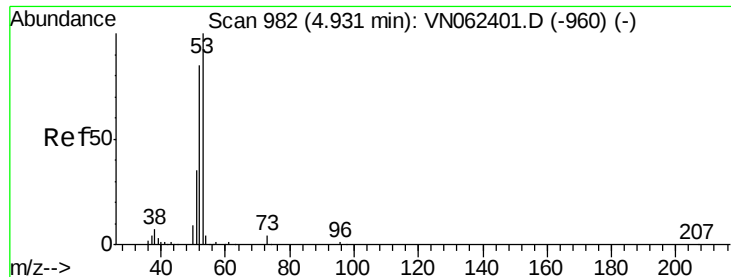
Ion Ratio Lower Upper

41 100

39 62.5 49.6 74.4

76 29.2 22.2 33.4





#15

Acrylonitrile

Concen: 105.834 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

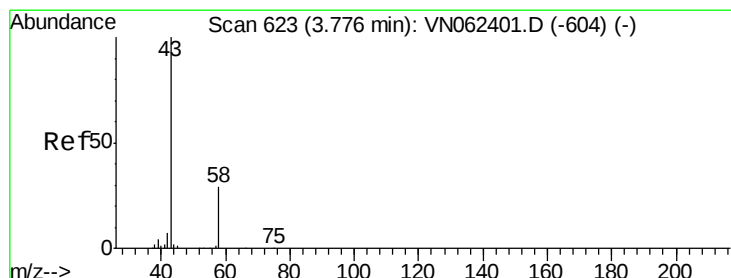
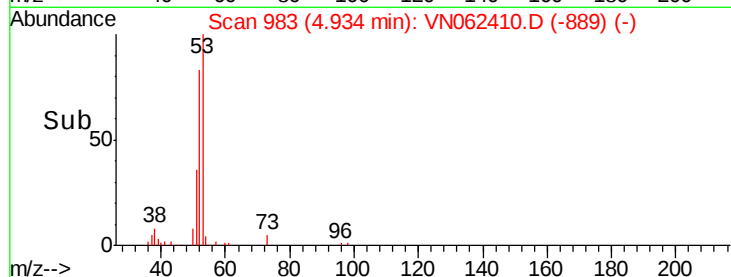
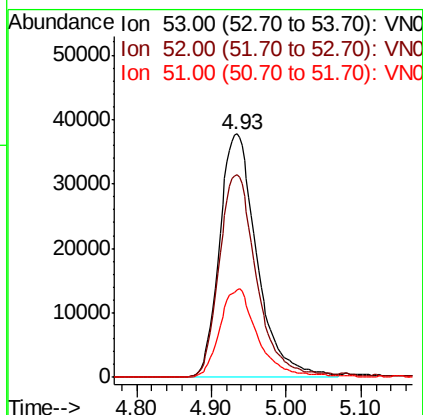
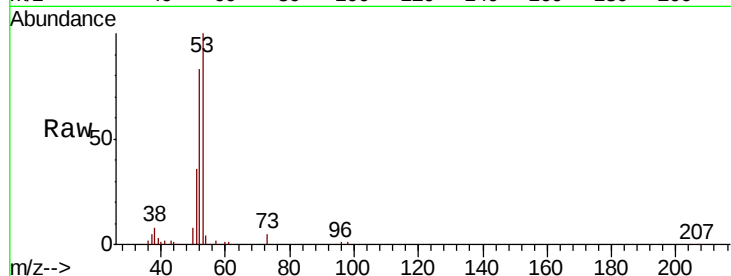
Tot Ion: 53 Resp: 131075

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

51 36.8 28.7 43.1



#16

Acetone

Concen: 93.806 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062410.D

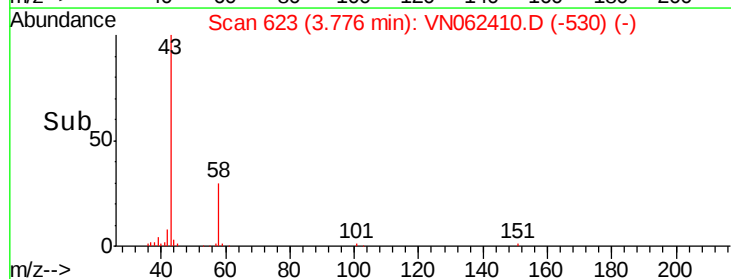
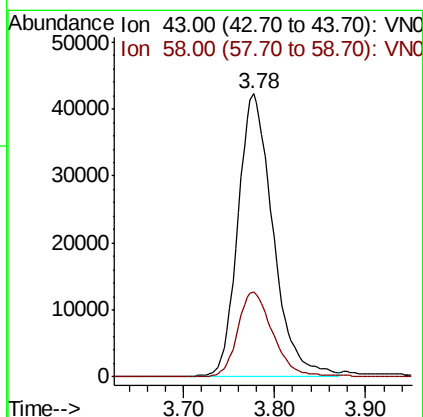
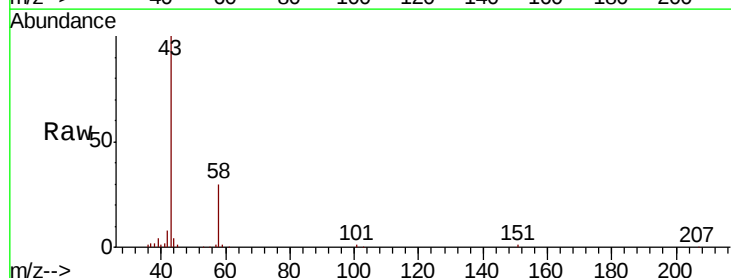
Acq: 8 Jul 2020 16:14

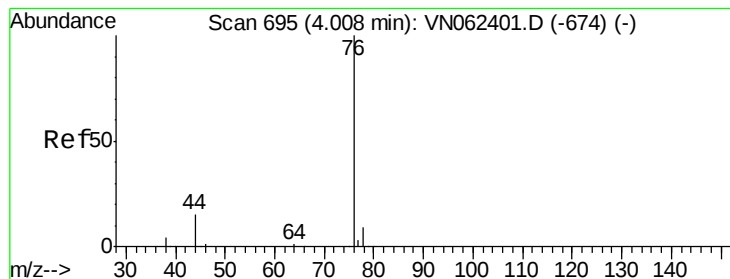
Tgt Ion: 43 Resp: 113374

Ion Ratio Lower Upper

43 100

58 29.8 23.5 35.3





#17

Carbon Disulfide

Concen: 19.953 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

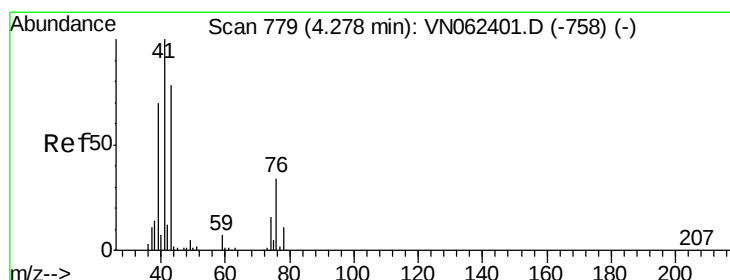
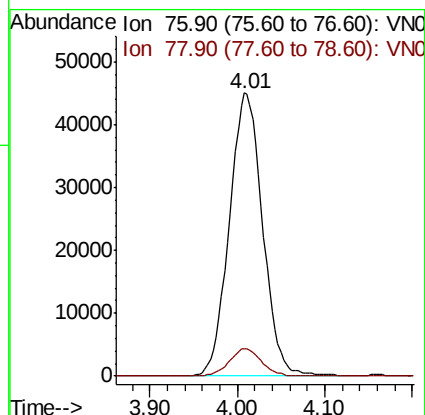
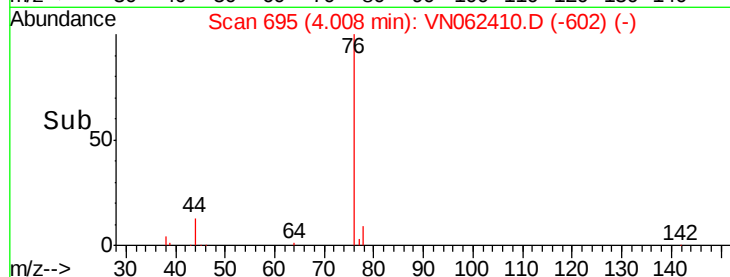
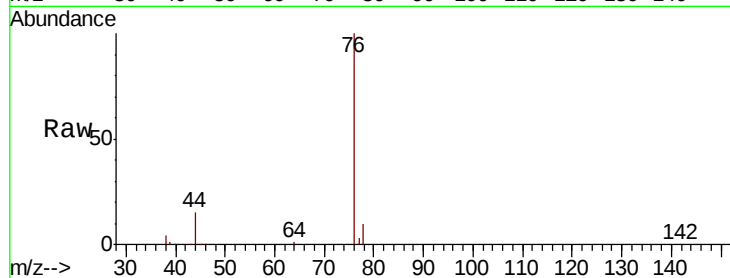
VN0708WBS01

Tot Ion: 76 Resp: 118772

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#18

Methyl Acetate

Concen: 20.657 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062410.D

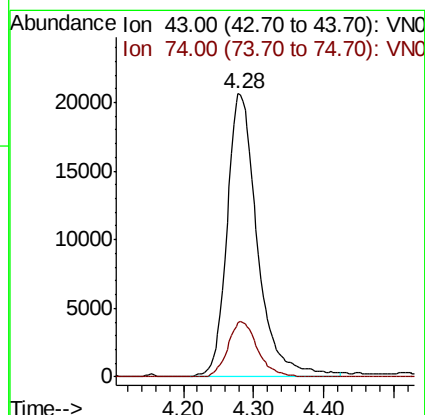
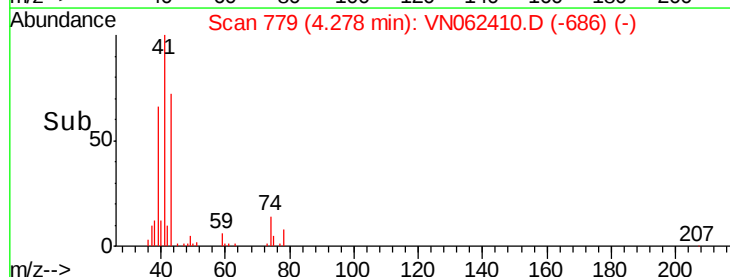
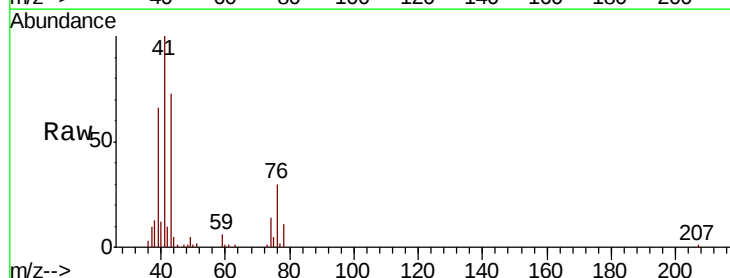
Acq: 8 Jul 2020 16:14

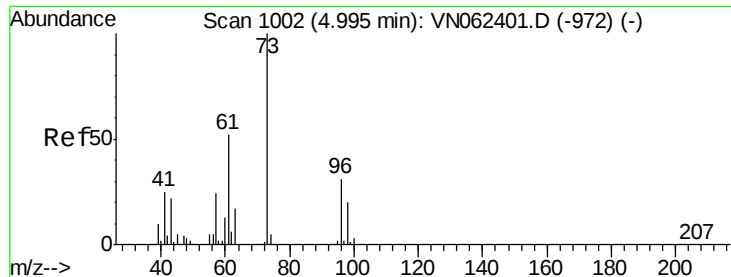
Tgt Ion: 43 Resp: 62304

Ion Ratio Lower Upper

43 100

74 19.0 16.0 24.0

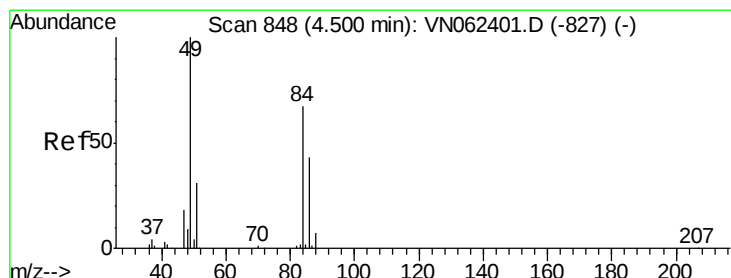
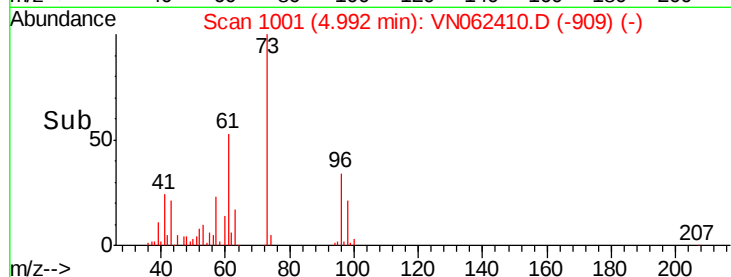
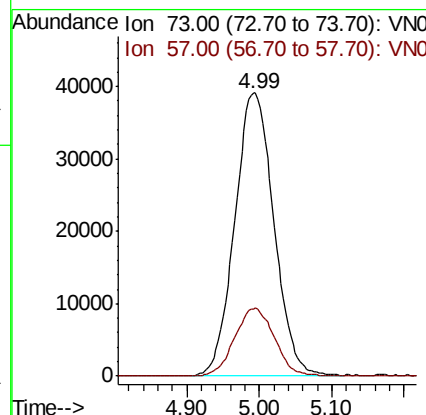
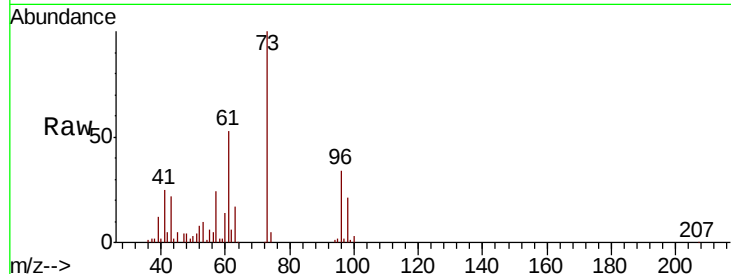




#19
Methvl tert-butvl Ether
Concen: 20.420 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

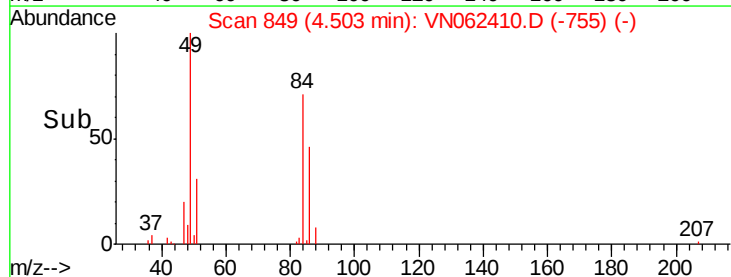
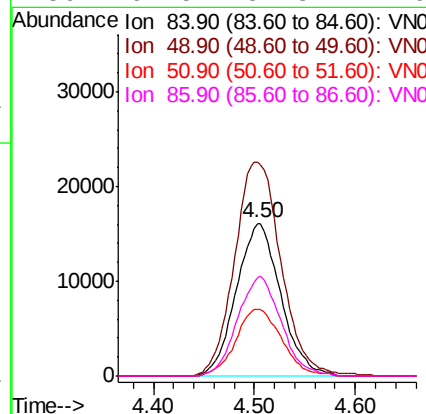
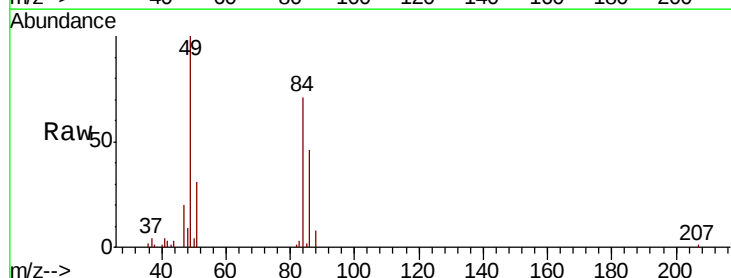
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

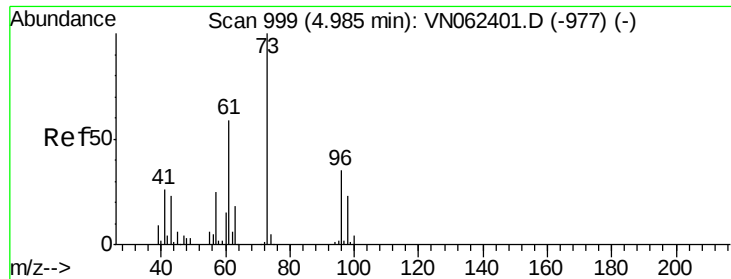
Tot Ion: 73 Resp: 147069
Ion Ratio Lower Upper
73 100
57 23.9 19.4 29.0



#20
Methylene Chloride
Concen: 19.015 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 84 Resp: 49137
Ion Ratio Lower Upper
84 100
49 139.9 120.0 180.0
51 43.8 37.0 55.6
86 64.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.616 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

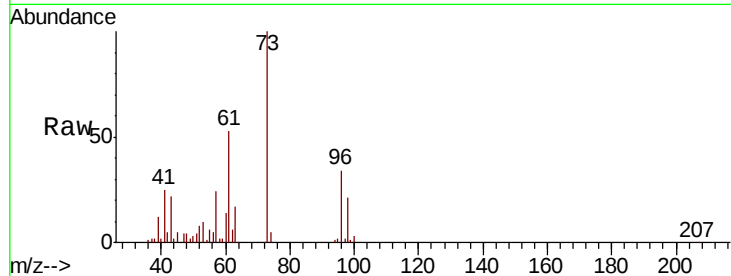
Tot Ion: 96 Resp: 42427

Ion Ratio Lower Upper

96 100

61 157.2 133.5 200.3

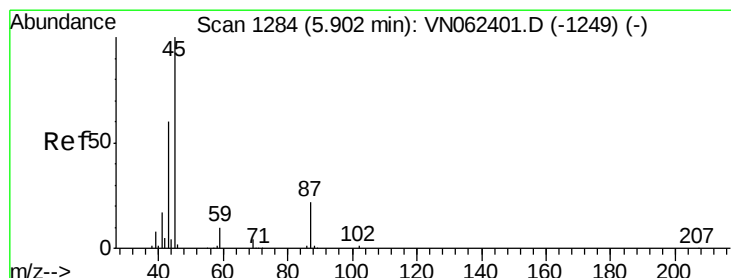
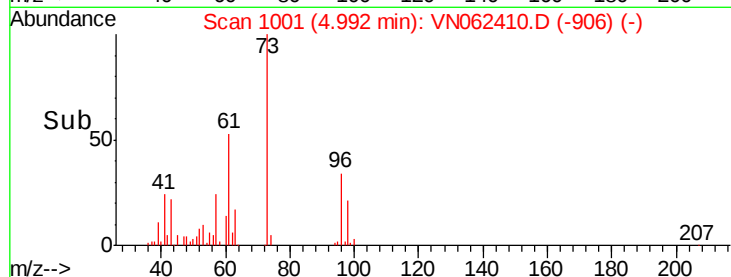
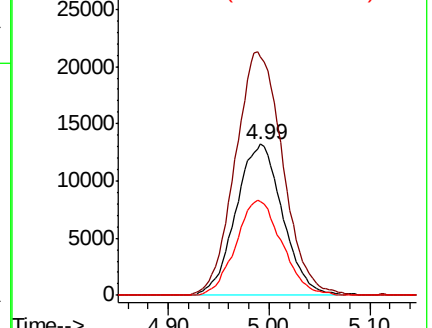
98 62.3 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.011 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Tgt Ion: 45 Resp: 185462

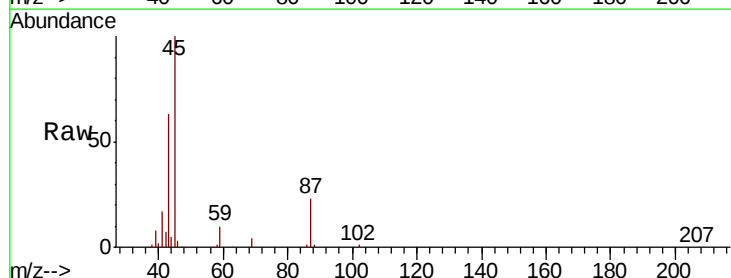
Ion Ratio Lower Upper

45 100

43 60.5 50.1 75.1

87 22.7 18.2 27.4

59 9.9 8.2 12.2

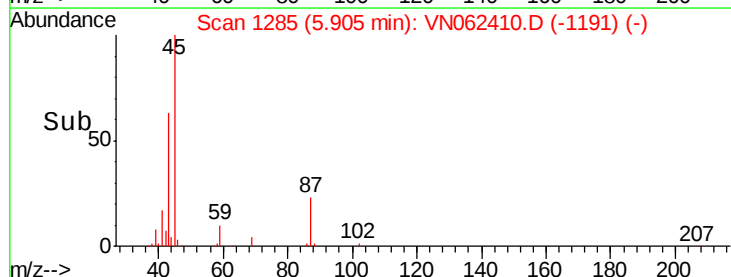
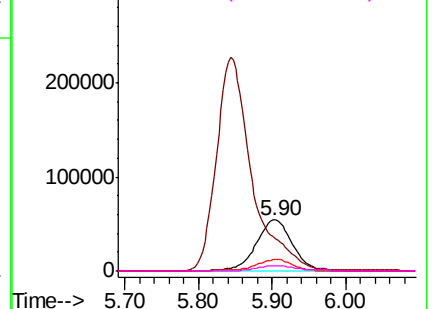


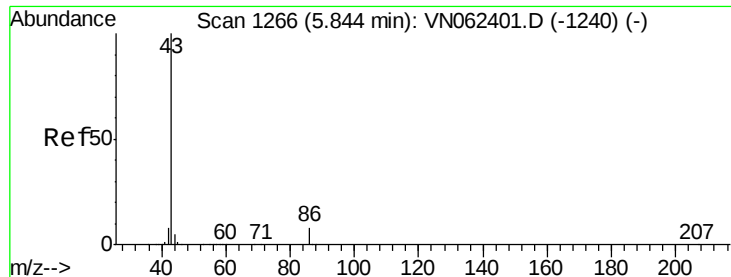
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 104.014 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

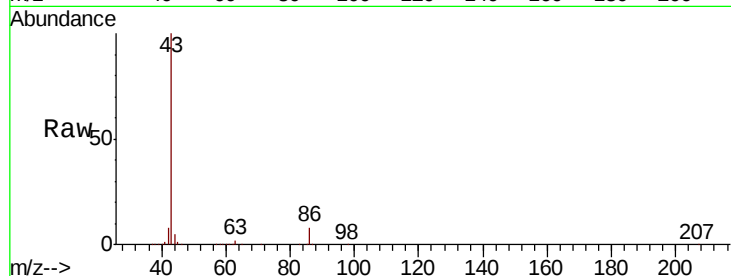
VN0708WBS01

Tot Ion: 43 Resp: 760551

Ion Ratio Lower Upper

43 100

86 7.9 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN062410.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN062410.D (-1240) (-)

5.84

250000

200000

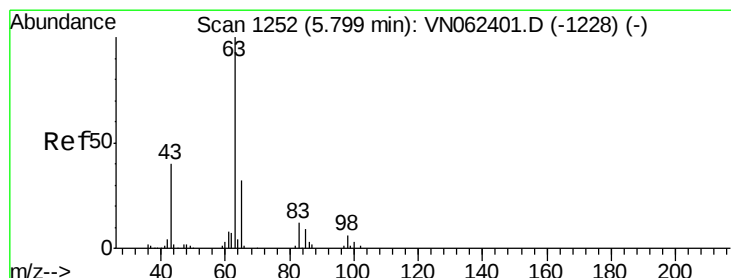
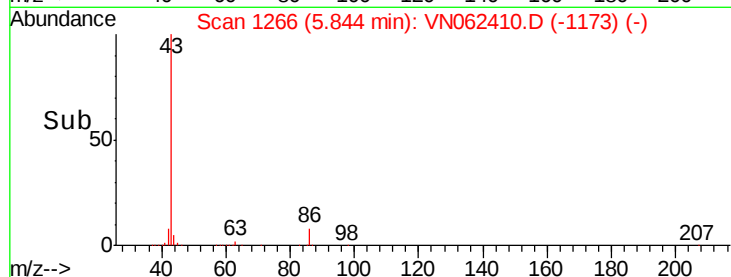
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.711 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

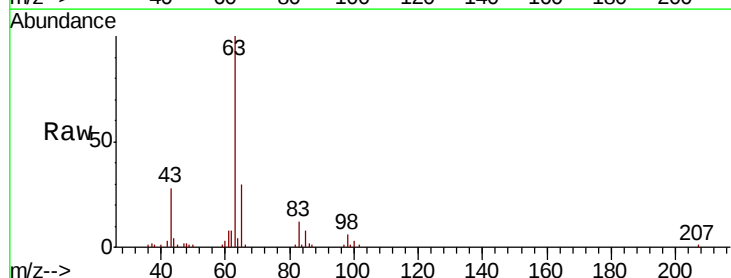
Tgt Ion: 63 Resp: 94464

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.4 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN062410.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062410.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062410.D (-1228) (-)

40000

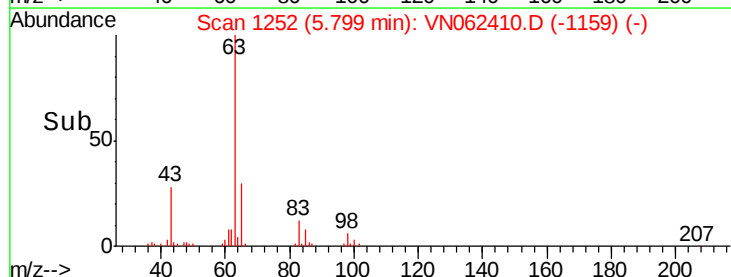
30000

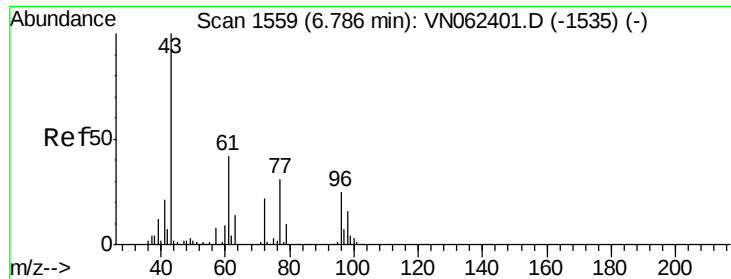
20000

10000

0

Time-->

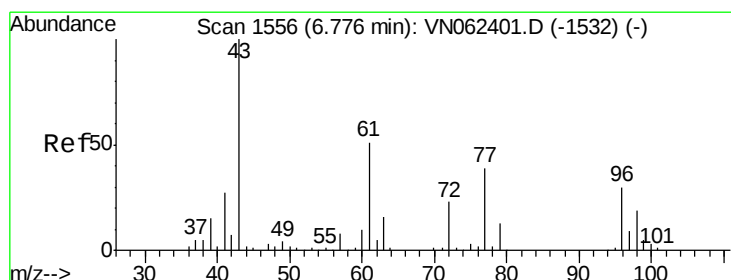
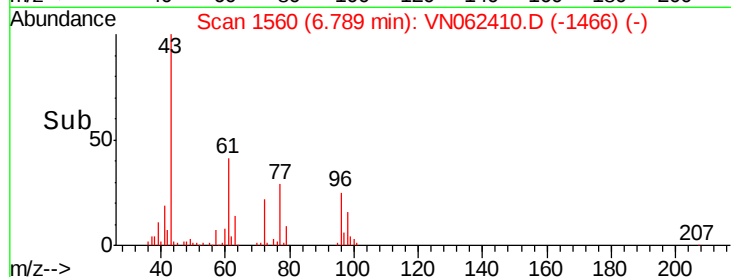
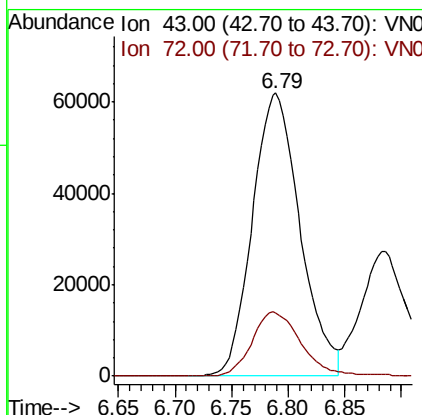
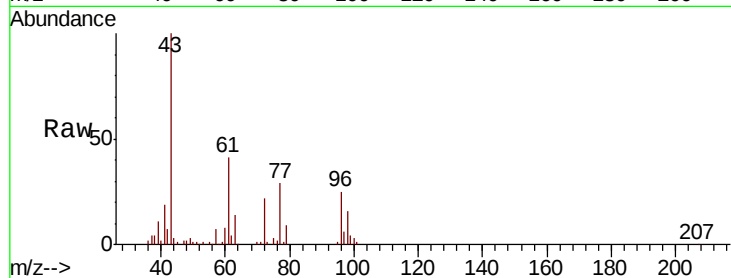




#25
2-Butanone
Concen: 102.609 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

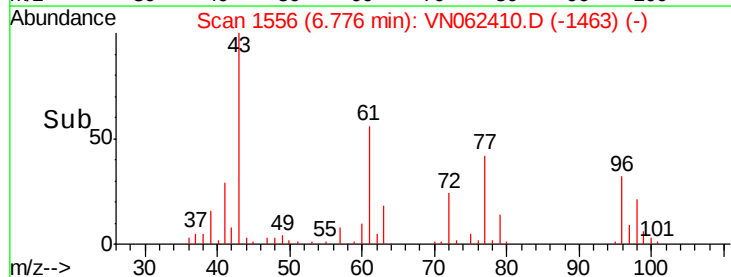
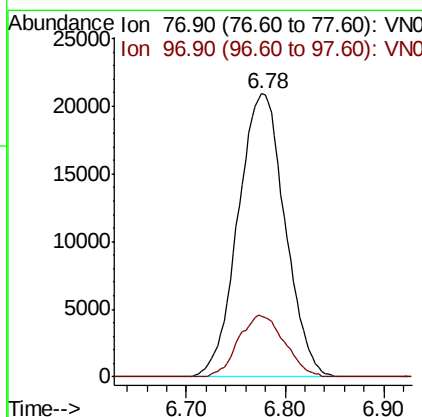
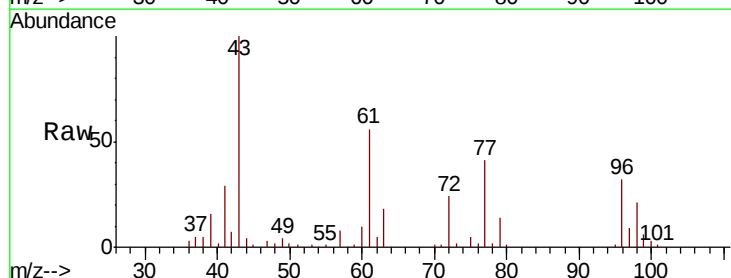
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

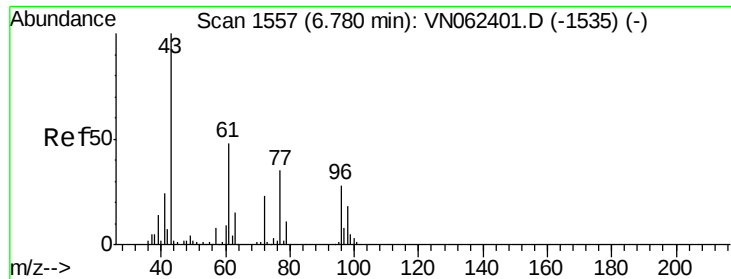
Tot Ion: 43 Resp: 181115
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9



#26
2,2-Dichloropropane
Concen: 19.723 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 77 Resp: 68978
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.025 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

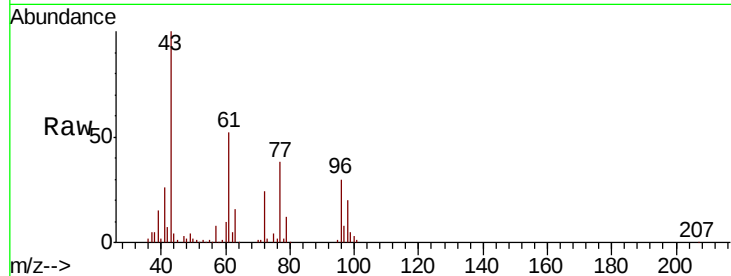
Tot Ion: 96 Resp: 50119

Ion Ratio Lower Upper

96 100

61 167.9 0.0 343.4

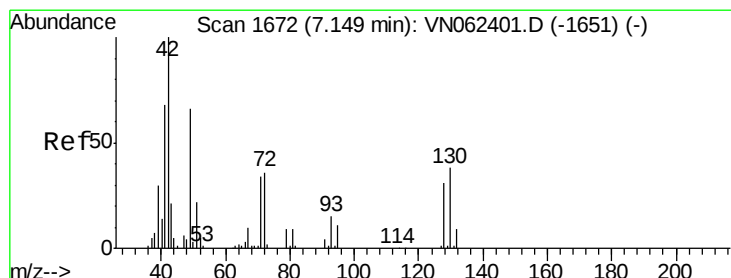
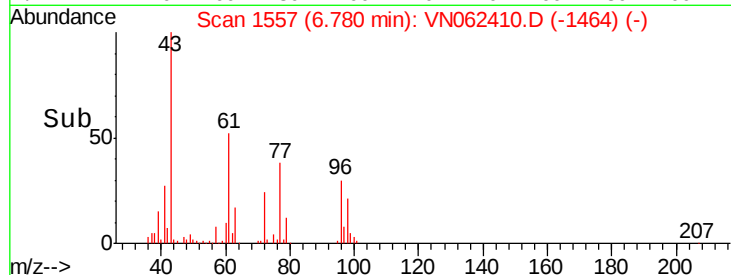
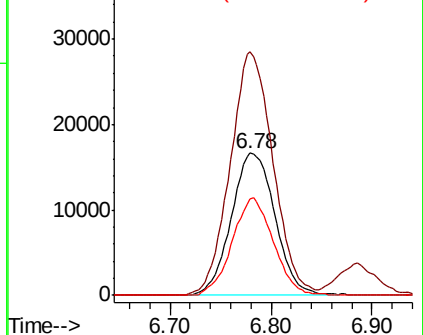
98 64.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.057 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

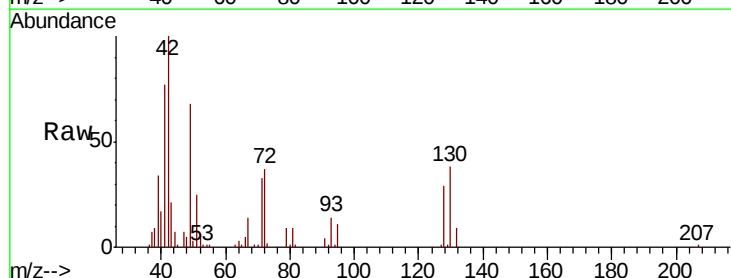
Tgt Ion: 49 Resp: 47224

Ion Ratio Lower Upper

49 100

129 0.7 0.0 2.8

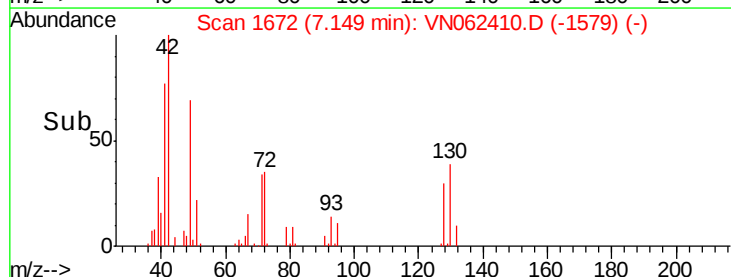
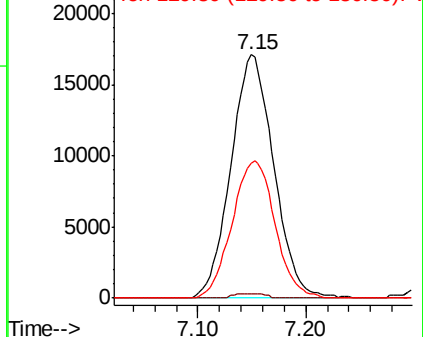
130 56.4 46.5 69.7

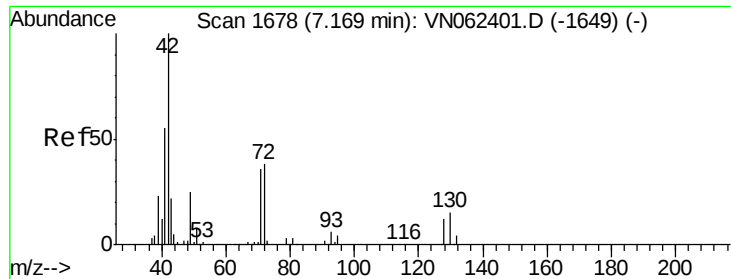


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

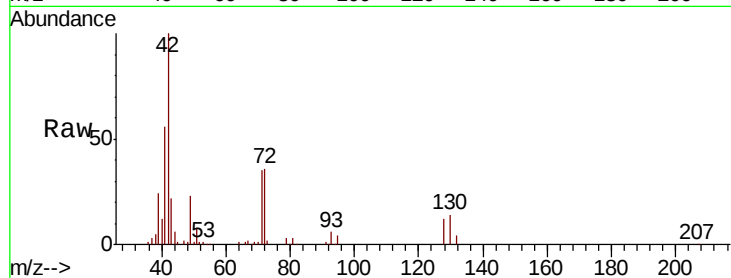




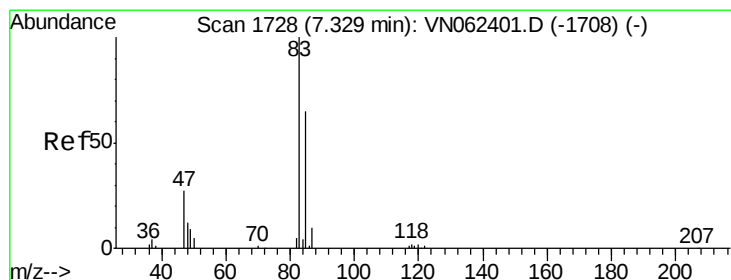
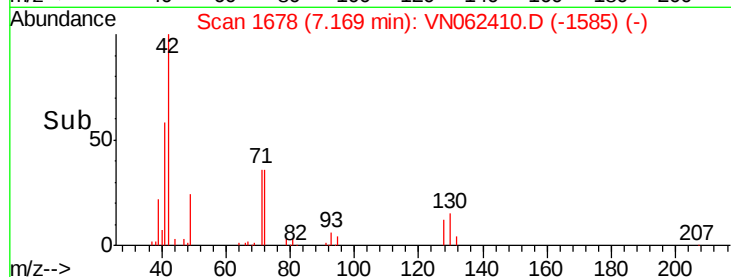
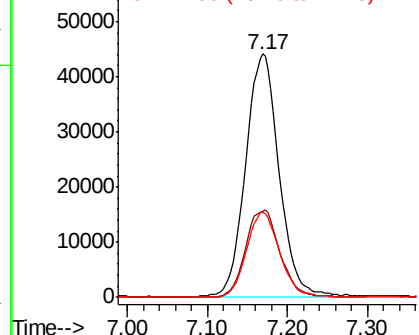
#29
Tetrahydrofuran
Concen: 105.862 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.6	29.1	43.7
71	34.3	28.1	42.1

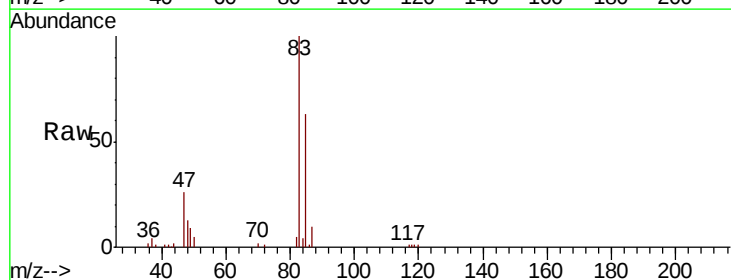


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

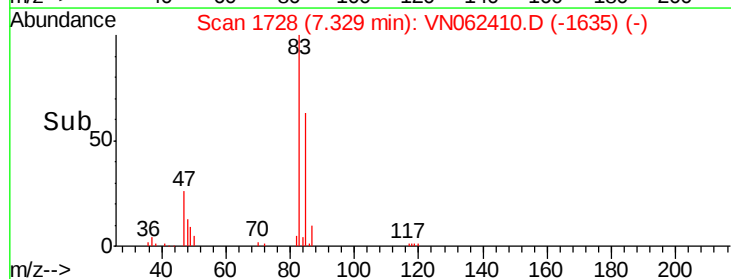
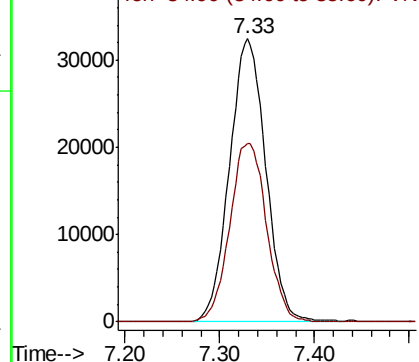


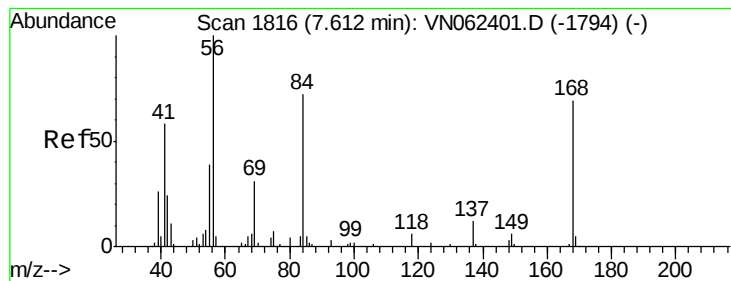
#30
Chloroform
Concen: 20.975 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	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: 19.663 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

VN0708WBS01

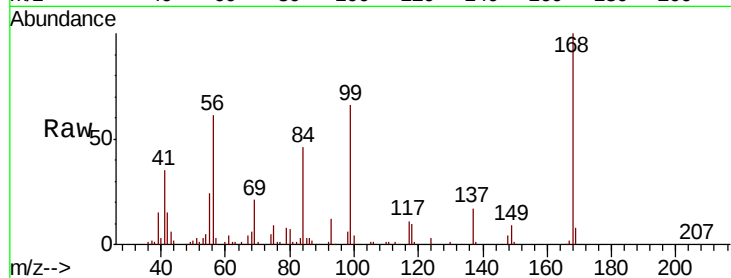
Tot Ion: 56 Resp: 85025

Ion Ratio Lower Upper

56 100

69 34.9 24.5 36.7

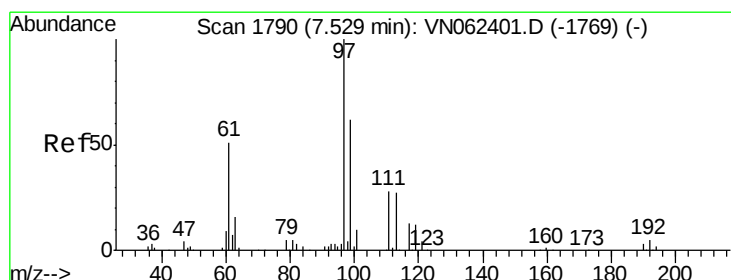
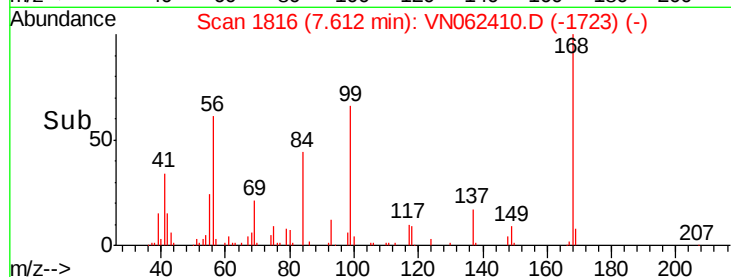
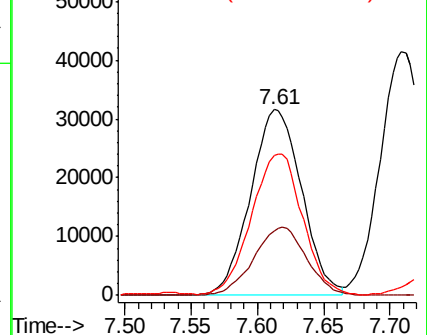
84 74.6 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.440 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

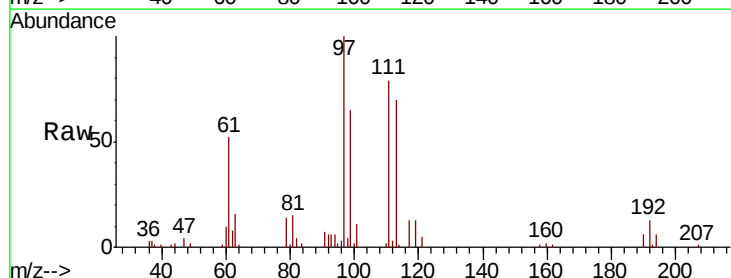
Tgt Ion: 97 Resp: 70019

Ion Ratio Lower Upper

97 100

99 64.5 50.4 75.6

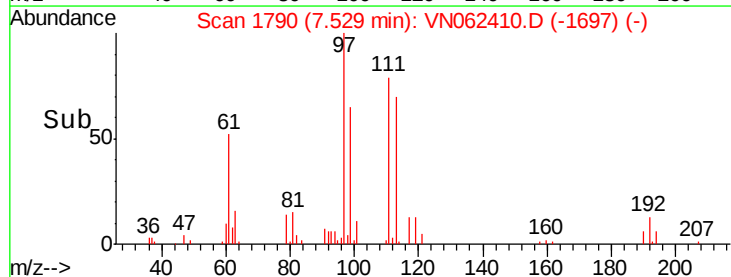
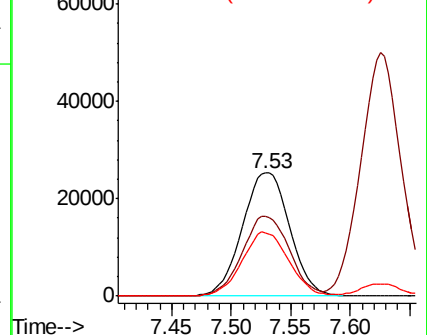
61 51.1 39.9 59.9

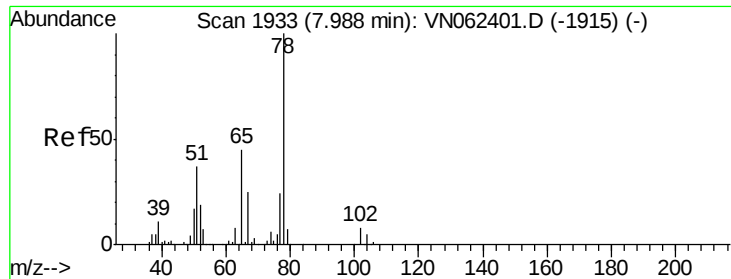


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

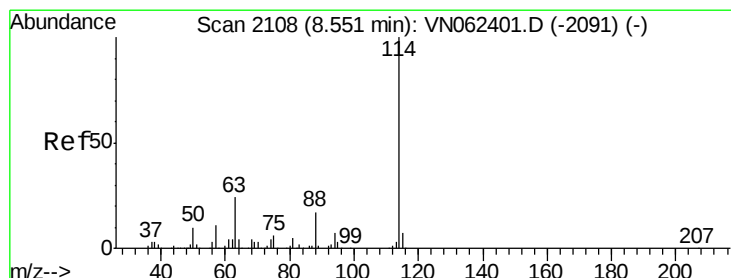
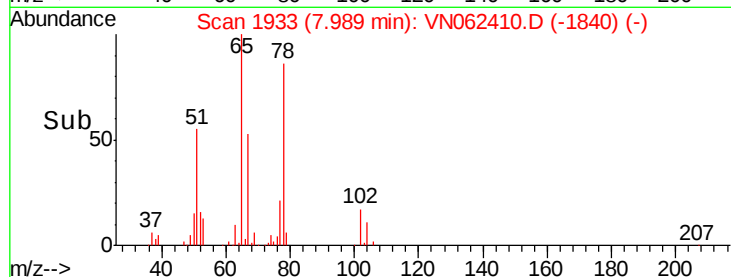
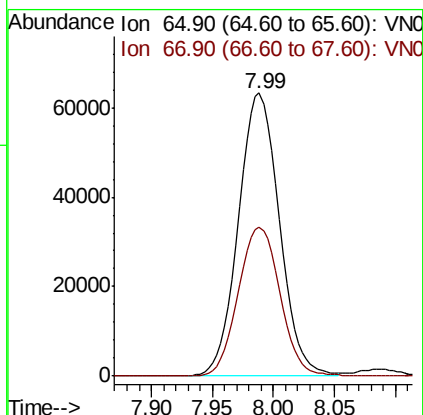
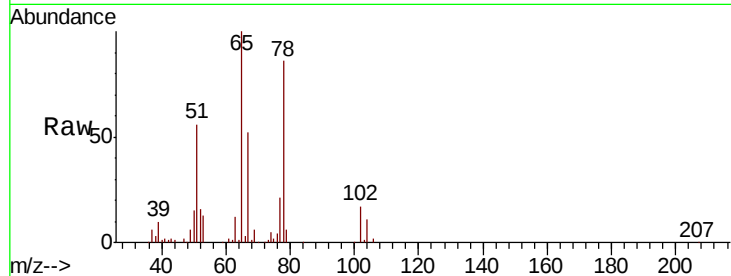




#33
 1,2-Dichloroethane-d4
 Concen: 51.689 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

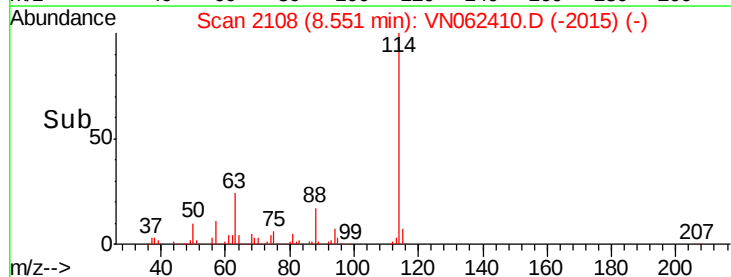
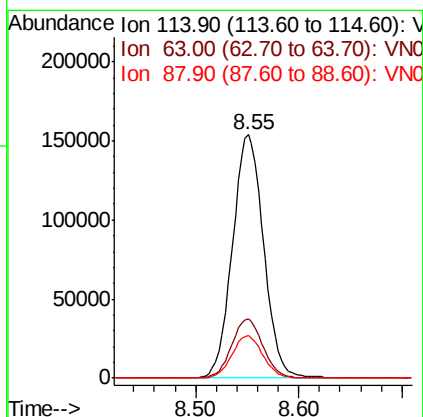
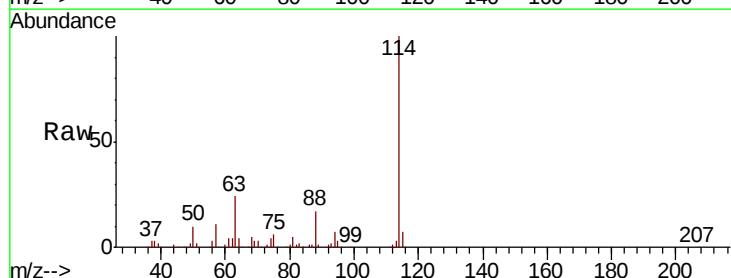
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

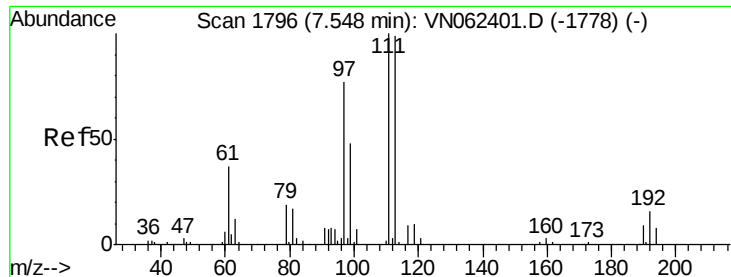
Tot Ion: 65 Resp: 147146
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 114 Resp: 324006
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 17.4 0.0 33.8

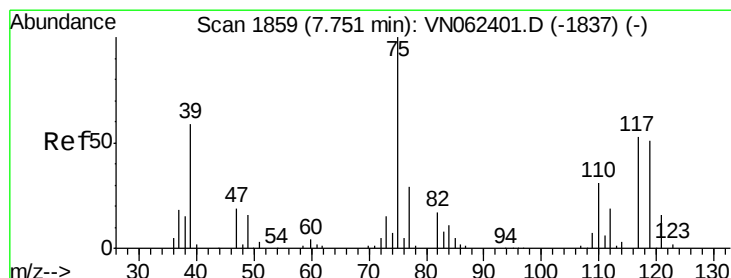
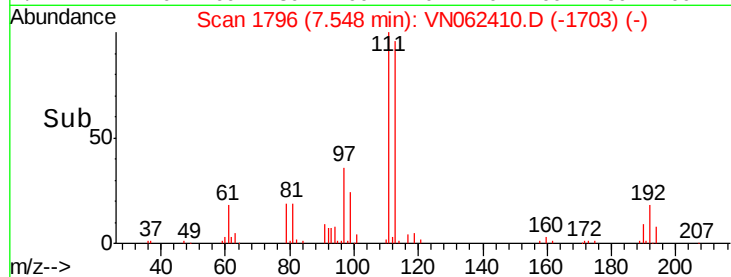
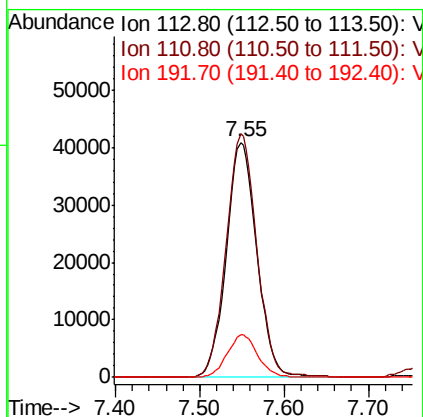
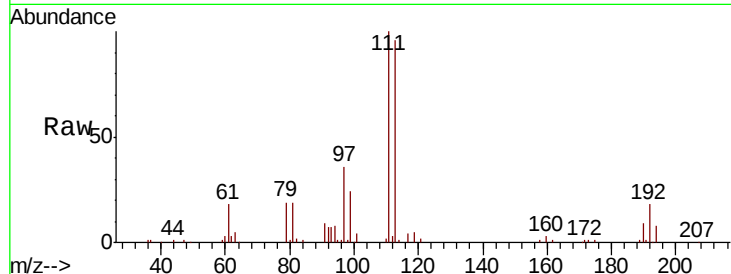




#35
 Dibromofluoromethane
 Concen: 51.249 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

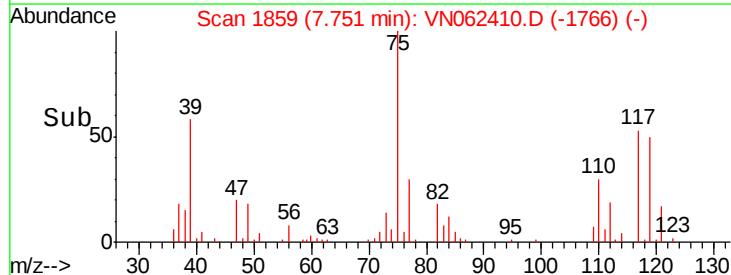
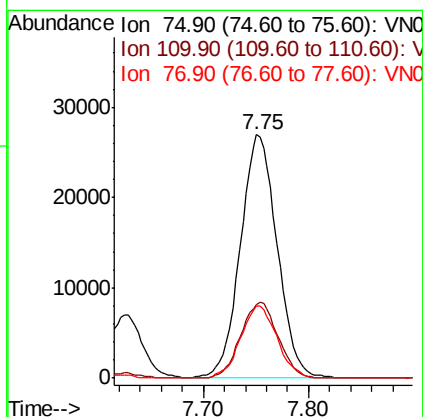
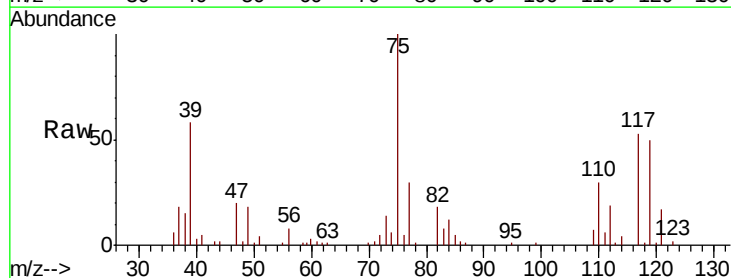
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

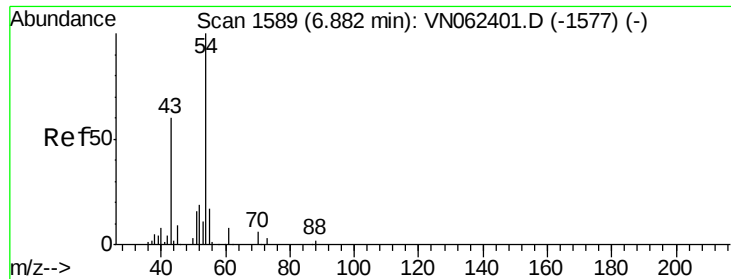
Tot Ion:113 Resp: 102642
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.1 124.7
 192 18.1 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 20.032 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 75 Resp: 65391
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.4 46.2
 77 29.4 24.1 36.1

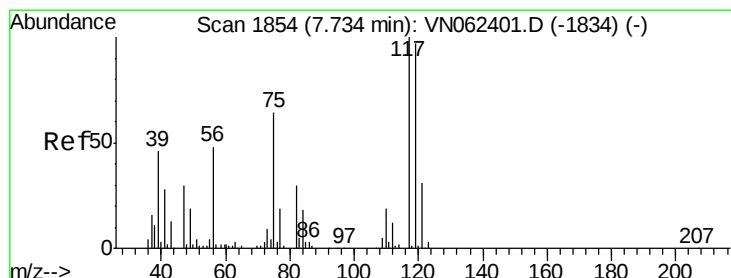
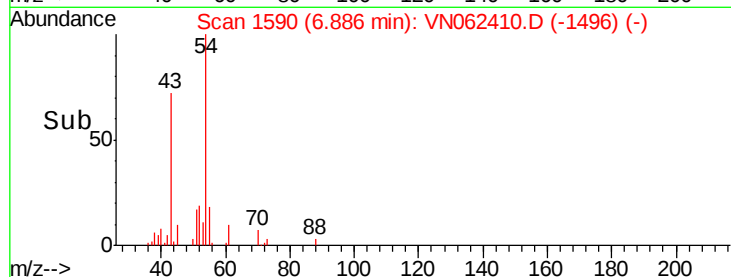
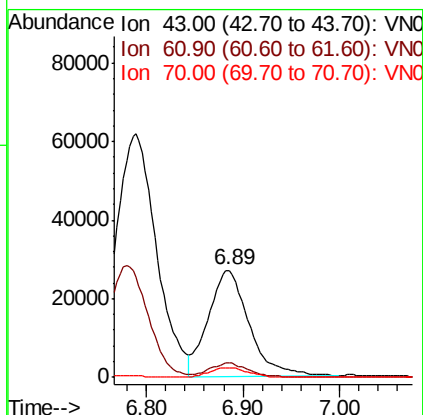
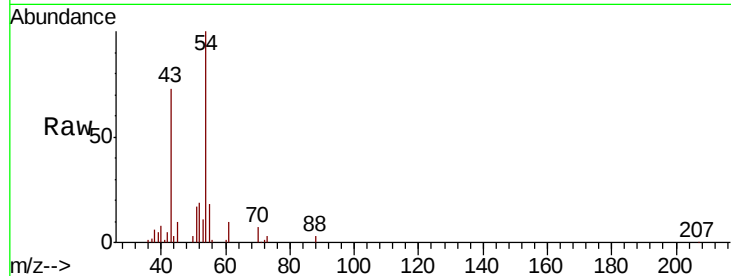




#37
Ethyl Acetate
Concen: 20.605 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

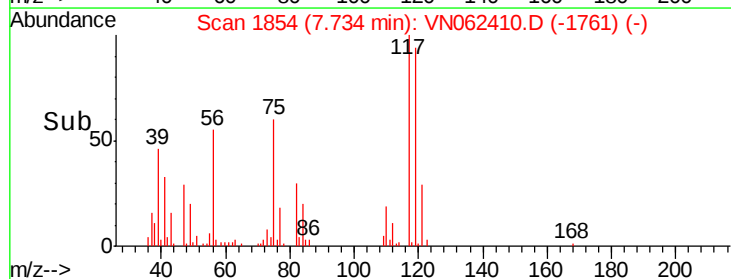
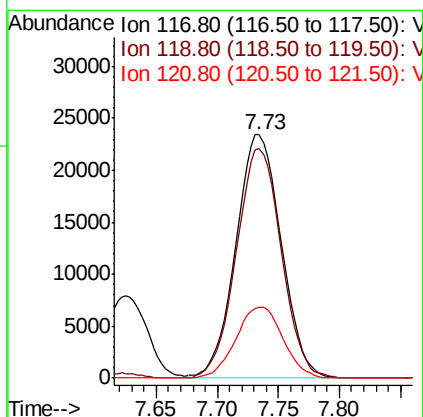
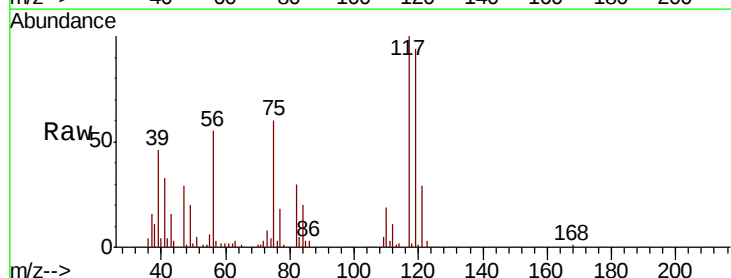
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

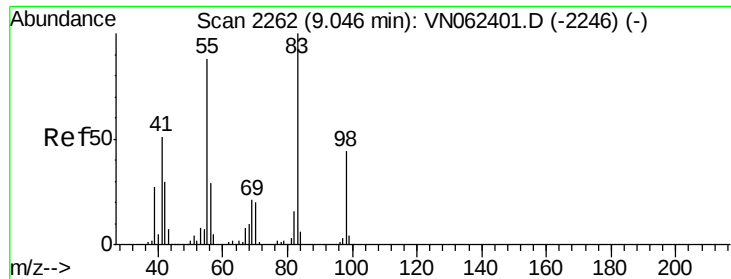
Tot Ion: 43 Resp: 78649
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 8.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.538 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 117 Resp: 60273
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8
121 29.2 24.8 37.2

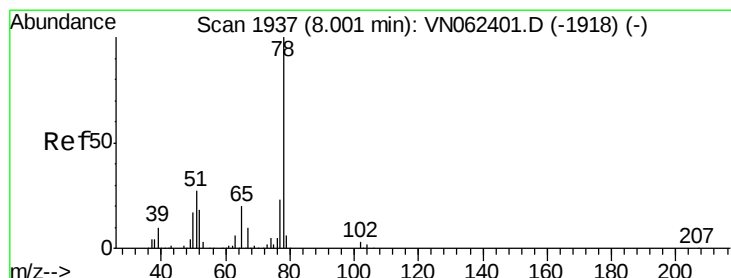
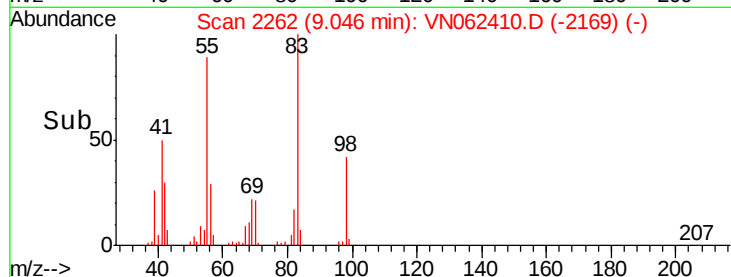
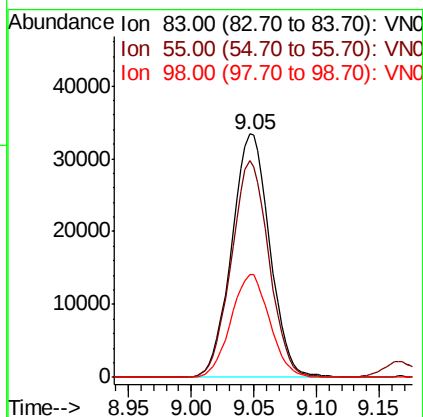
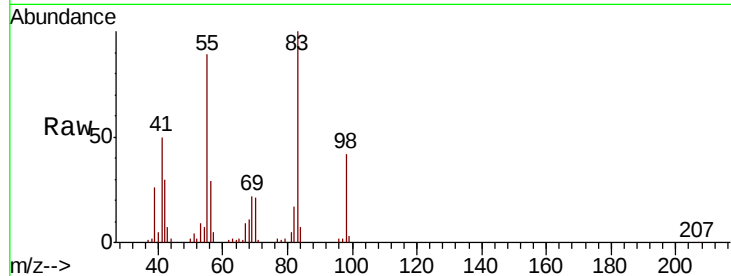




#39
Methvlcvclohexane
Concen: 20.205 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

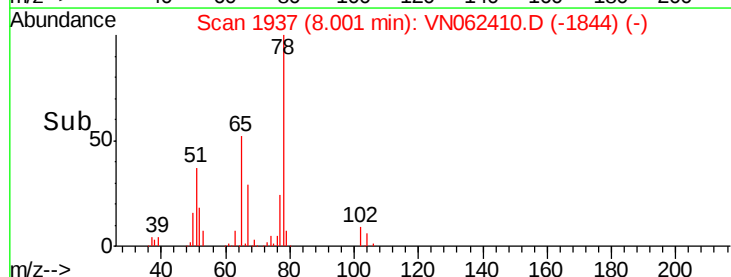
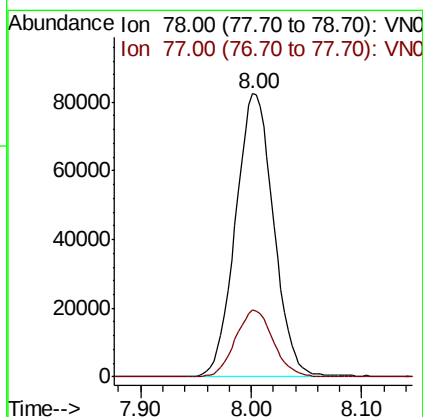
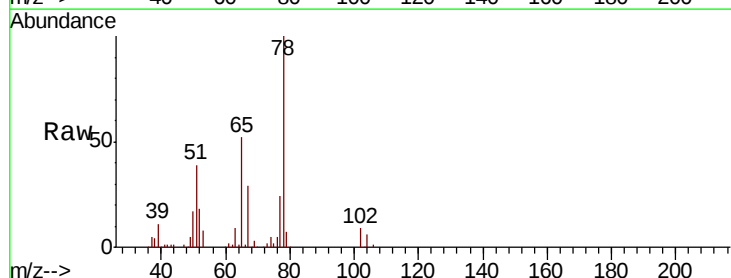
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

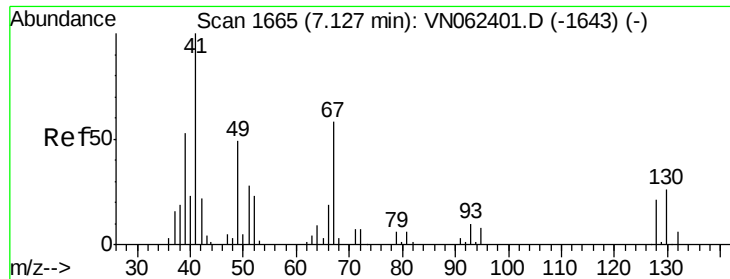
Tot Ion: 83 Resp: 70414
Ion Ratio Lower Upper
83 100
55 89.0 70.5 105.7
98 42.3 35.5 53.3



#40
Benzene
Concen: 20.495 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 78 Resp: 197180
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1

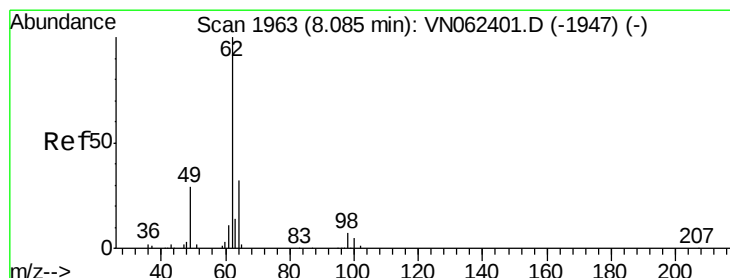
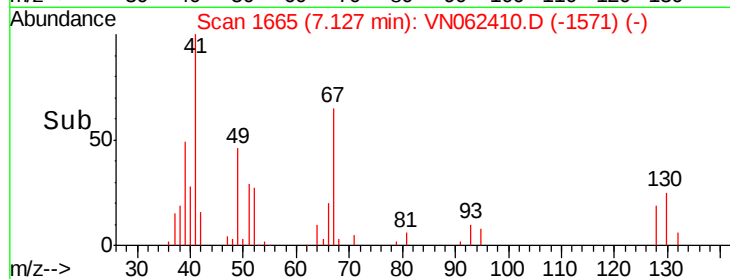
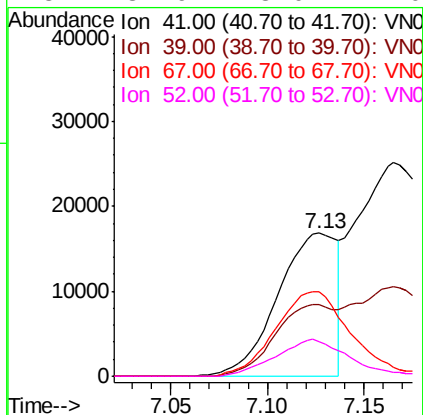
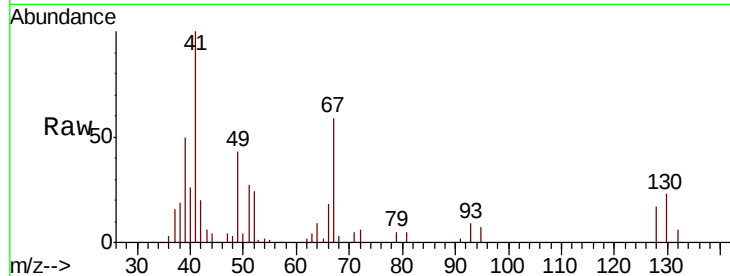




#41
Methacrylonitrile
Concen: 22.544 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

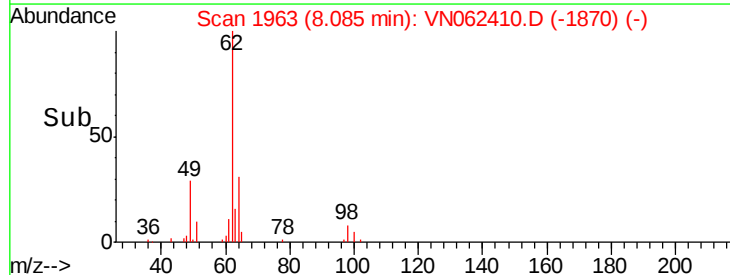
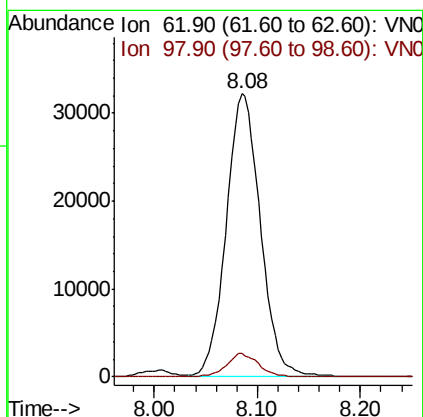
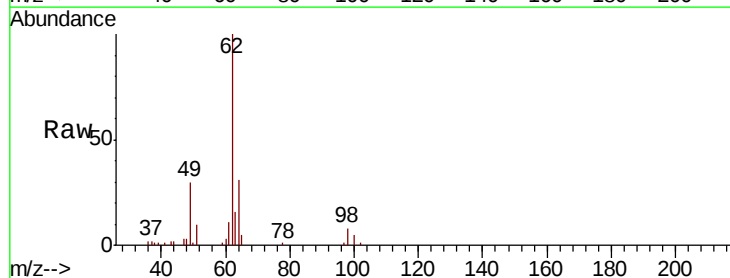
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

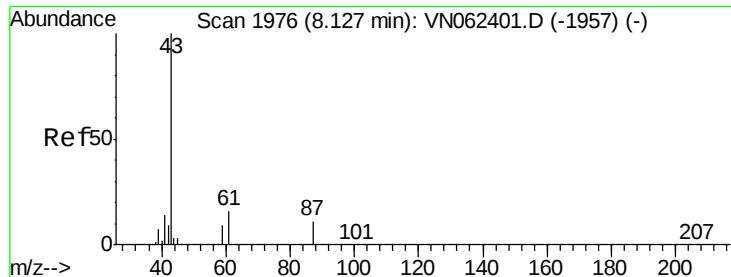
Tot Ion:	41	Resp:	35952
Ion	Ratio	Lower	Upper
41	100		
39	51.5	50.2	75.2
67	75.9	64.2	96.2
52	32.9	28.0	42.0



#42
1,2-Dichloroethane
Concen: 21.169 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion:	62	Resp:	74571
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.505 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

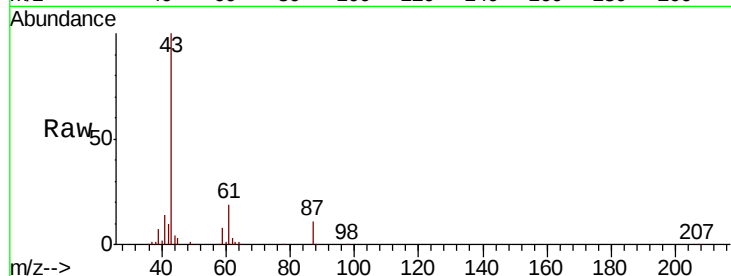
Tot Ion: 43 Resp: 123643

Ion Ratio Lower Upper

43 100

61 25.6 19.3 28.9

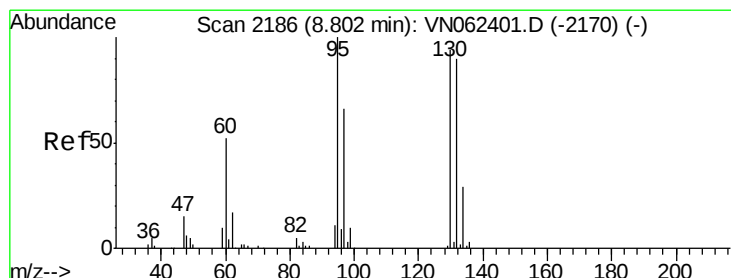
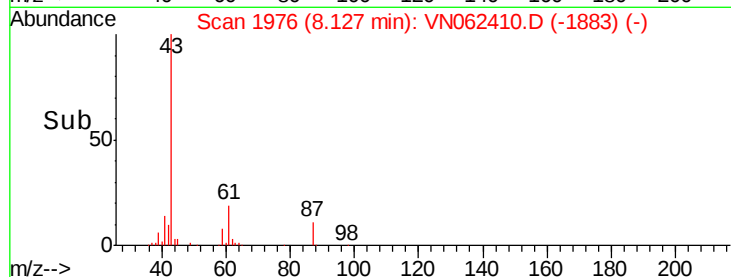
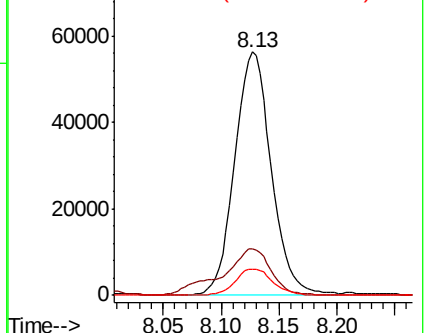
87 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062410.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062410.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062410.D (-1957) (-)



#44

Trichloroethene

Concen: 20.510 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062410.D

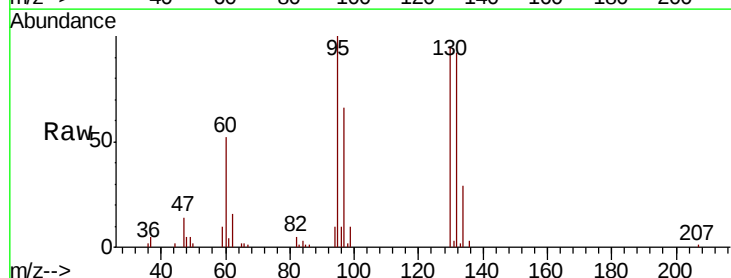
Acq: 8 Jul 2020 16:14

Tgt Ion:130 Resp: 43780

Ion Ratio Lower Upper

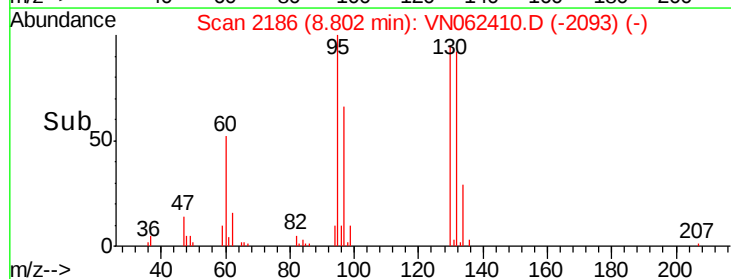
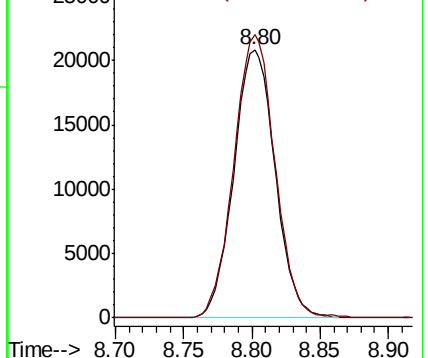
130 100

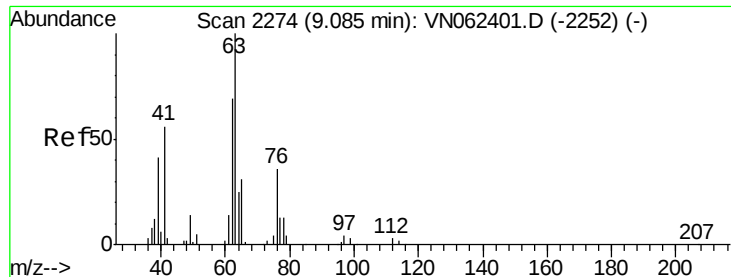
95 105.5 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062410.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062410.D (-2170) (-)

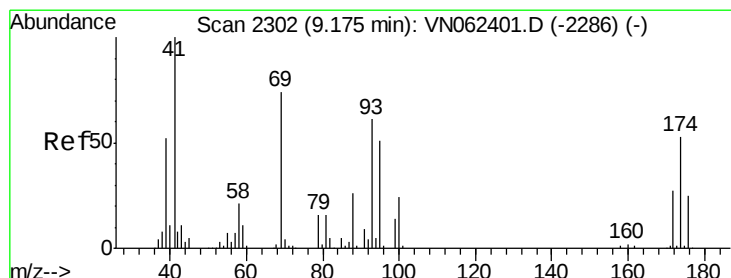
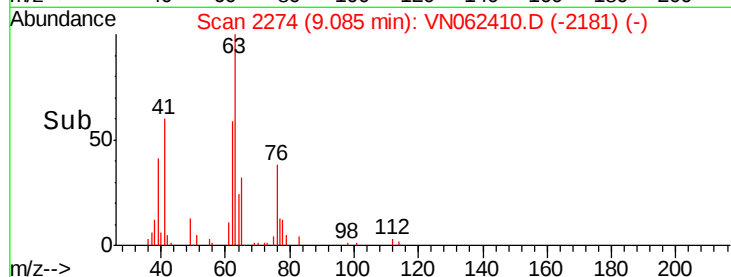
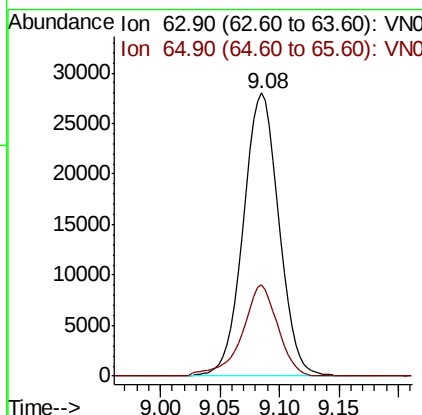
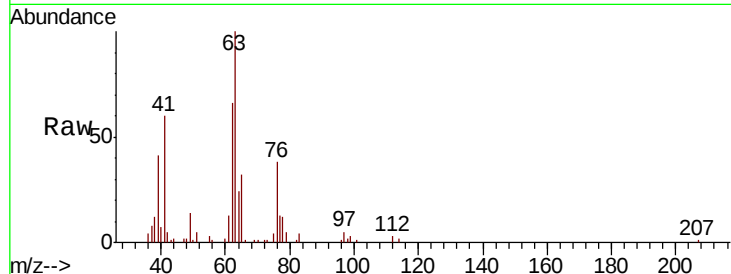




#45
 1,2-Dichloropropane
 Concen: 20.828 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

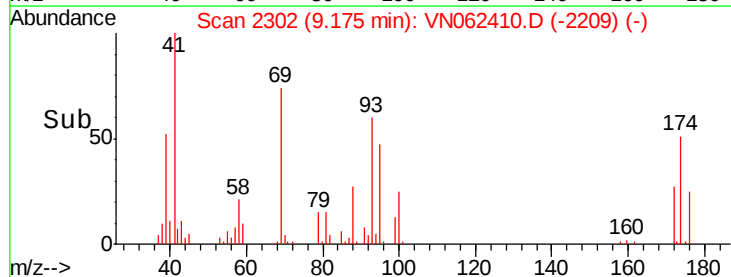
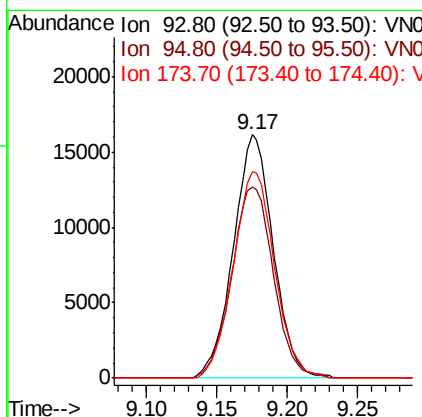
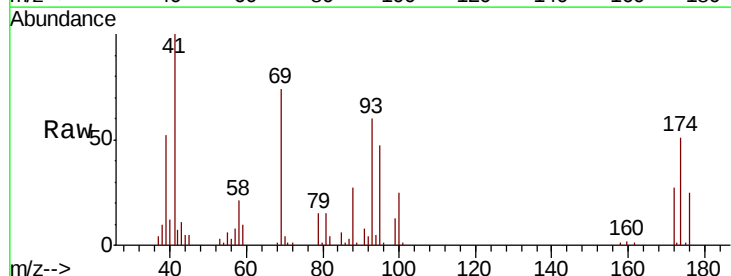
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

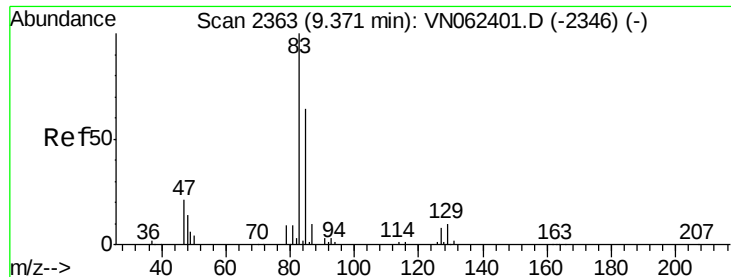
Tot Ion: 63 Resp: 58169
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.6 36.8



#46
 Dibromomethane
 Concen: 20.283 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 93 Resp: 31967
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.1 100.7
 174 87.9 70.4 105.6





#47

Bromodichloromethane

Concen: 20.278 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

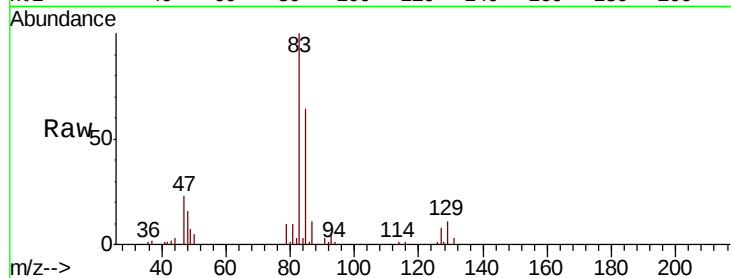
Tot Ion: 83 Resp: 68330

Ion Ratio Lower Upper

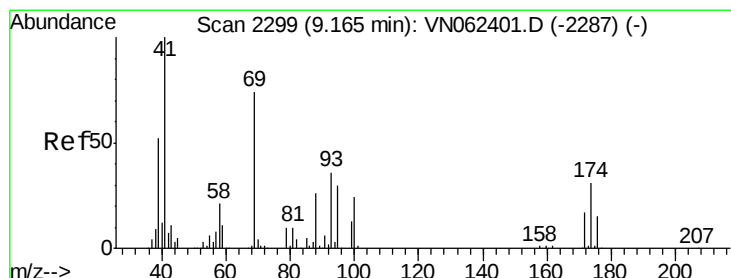
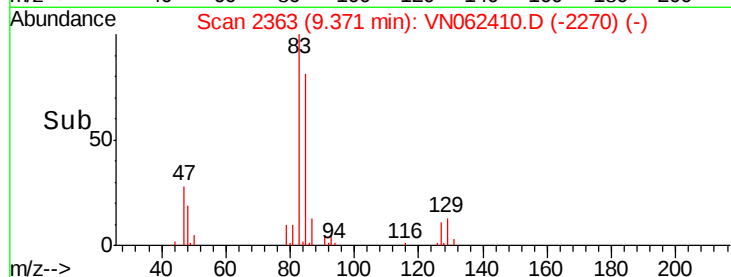
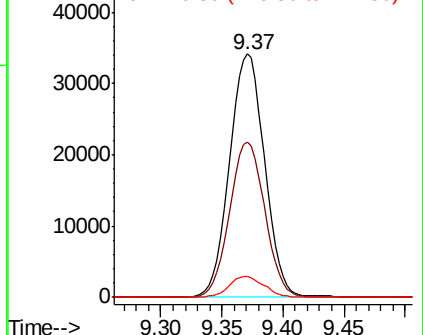
83 100

85 64.0 51.2 76.8

127 8.5 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.218 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

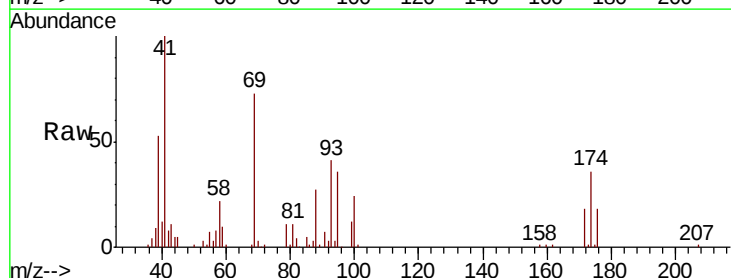
Tgt Ion: 41 Resp: 59802

Ion Ratio Lower Upper

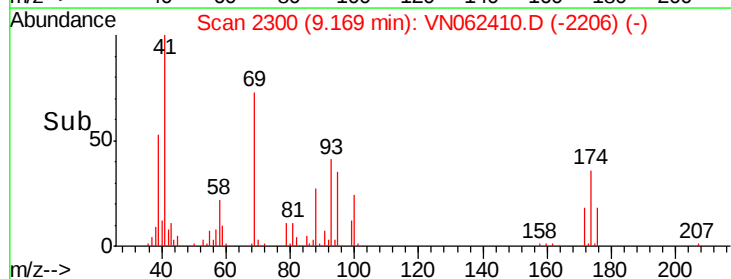
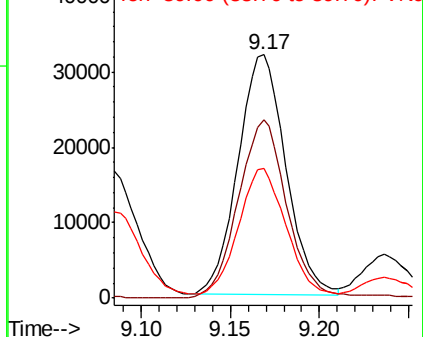
41 100

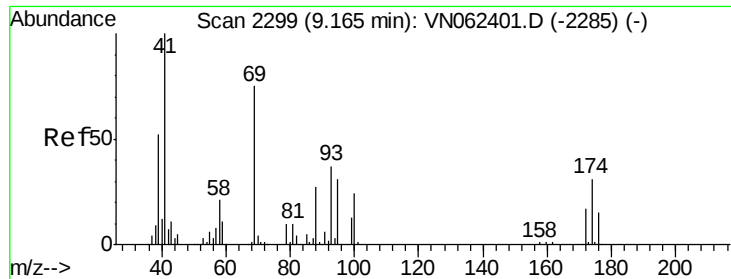
69 75.2 60.8 91.2

39 55.0 43.5 65.3



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

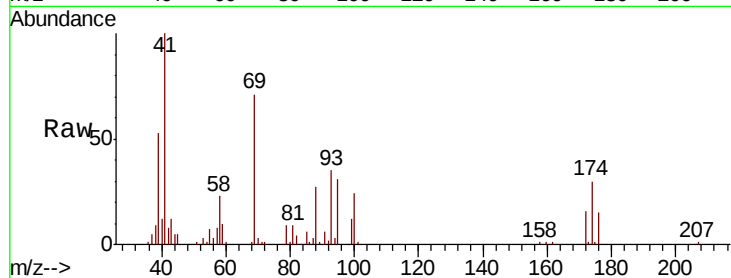




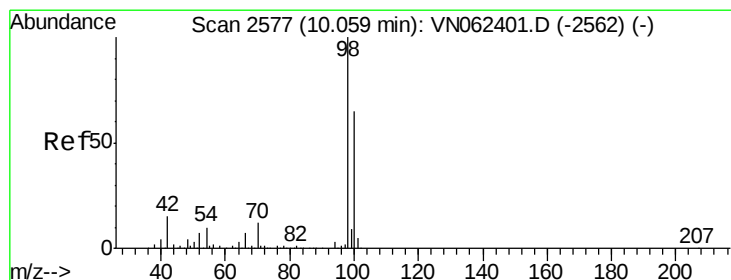
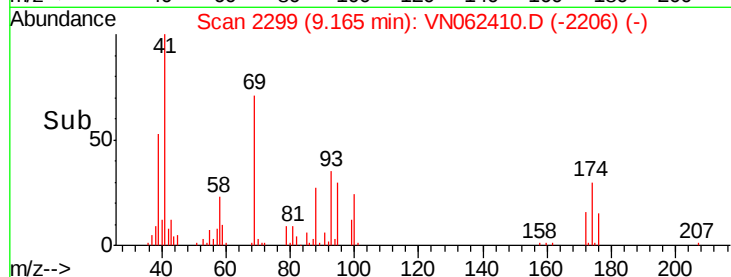
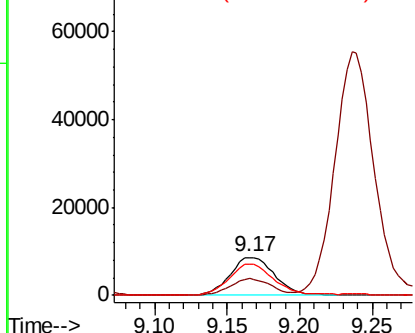
#49
1,4-Dioxane
Concen: 430.510 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion: 88 Resp: 18534
Ion Ratio Lower Upper
88 100
43 41.4 31.0 46.4
58 82.2 63.3 94.9

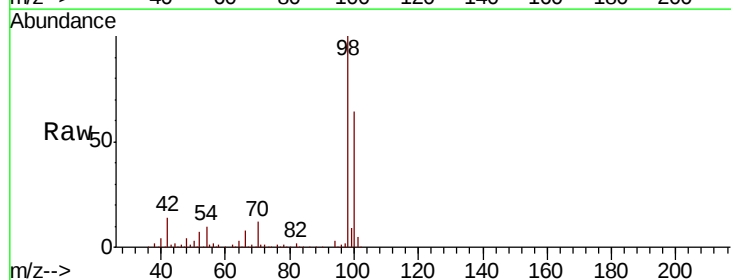


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

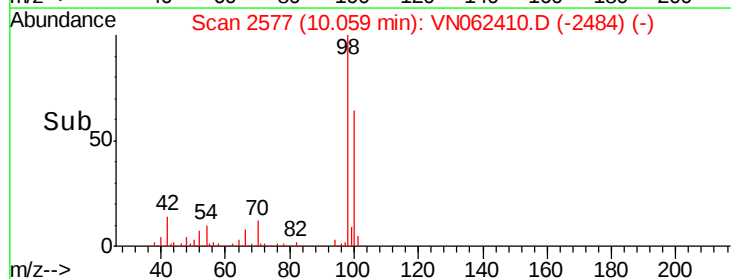
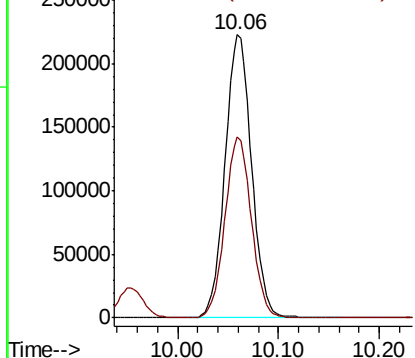


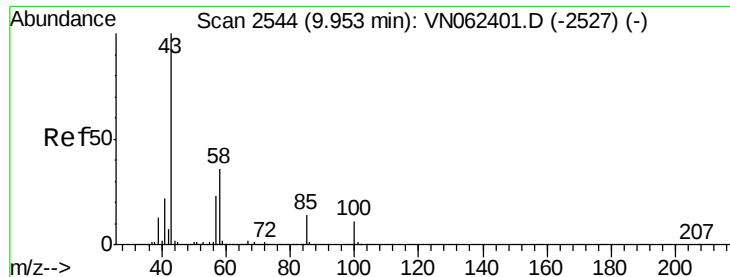
#50
Toluene-d8
Concen: 51.700 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 98 Resp: 408763
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



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

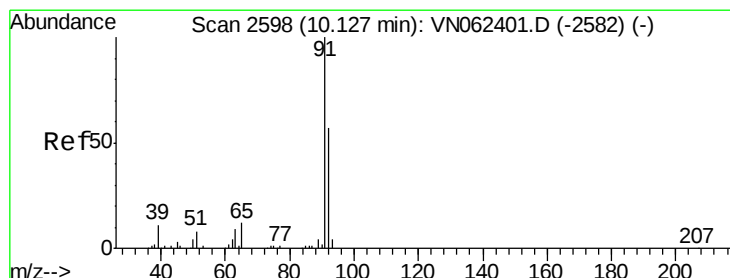
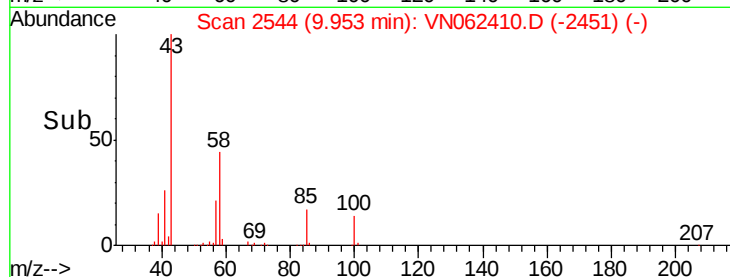
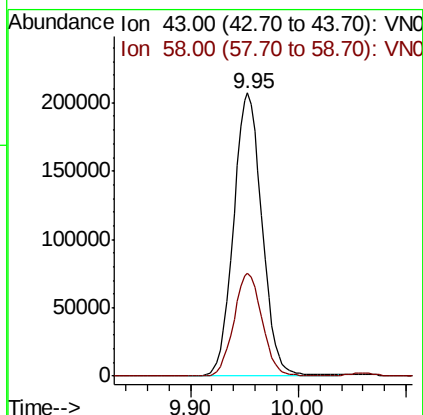
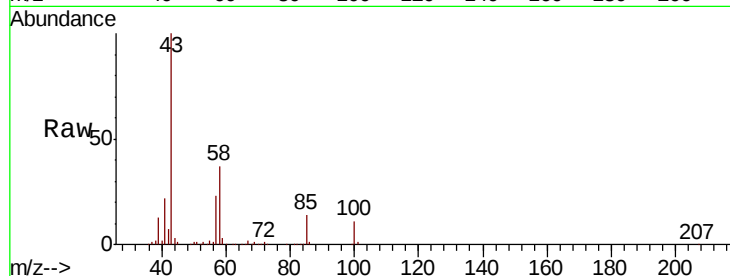




#51
 4-Methyl-2-Pentanone
 Concen: 105.990 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

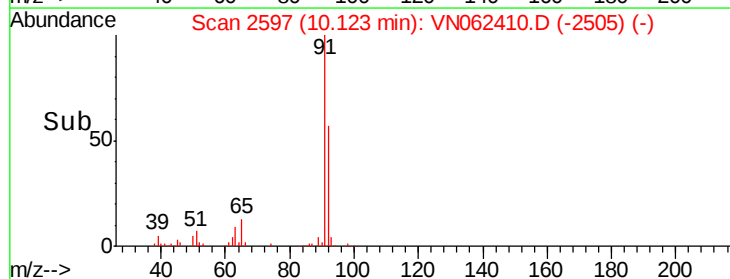
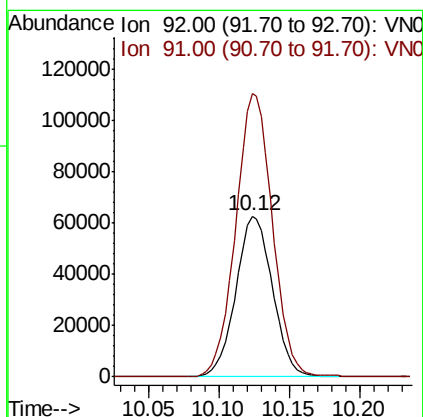
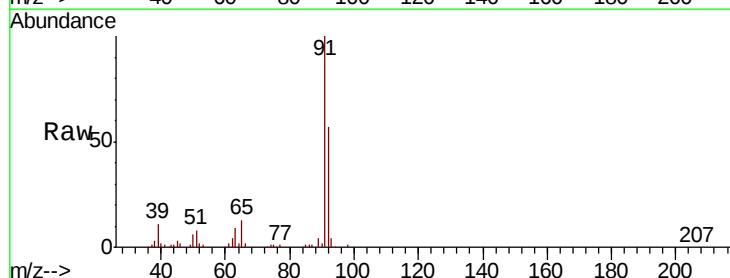
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

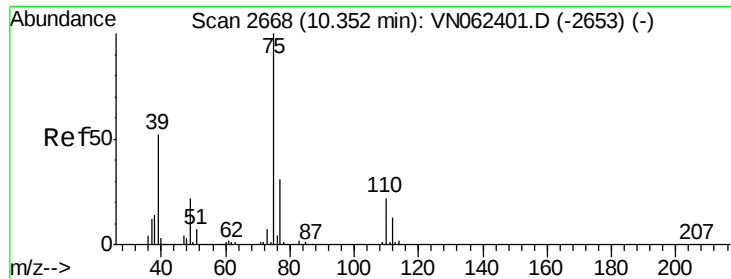
Tot Ion: 43 Resp: 381721
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.6



#52
 Toluene
 Concen: 20.488 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 92 Resp: 113855
 Ion Ratio Lower Upper
 92 100
 91 176.9 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 19.875 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

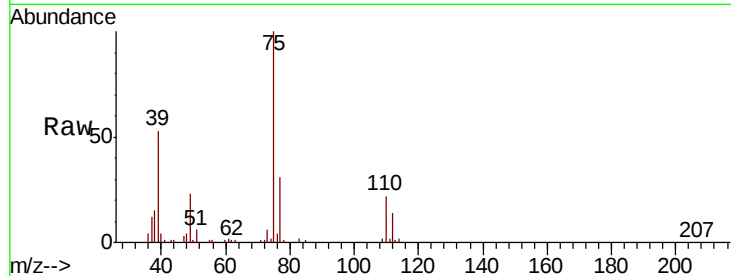
VN0708WBS01

Tot Ion: 75 Resp: 75029

Ion Ratio Lower Upper

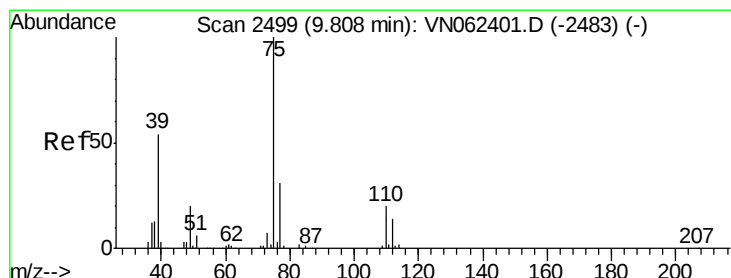
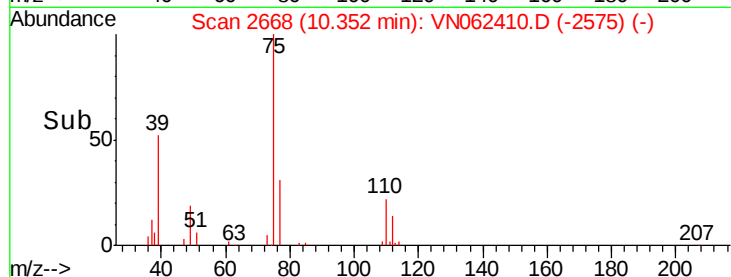
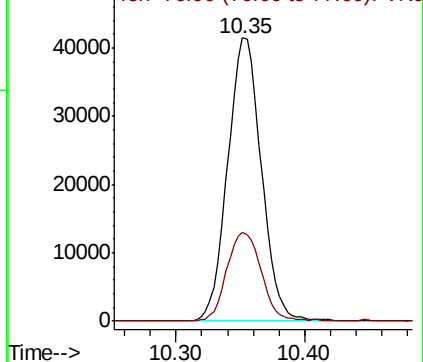
75 100

77 31.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.054 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

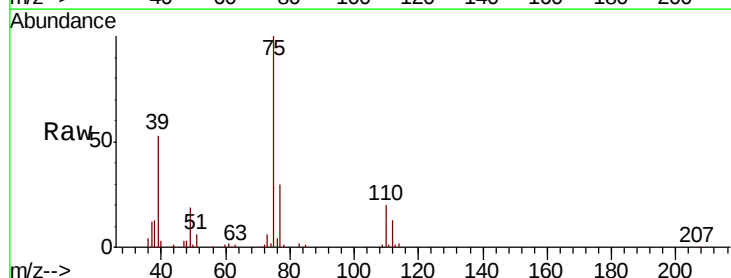
Tgt Ion: 75 Resp: 83528

Ion Ratio Lower Upper

75 100

77 30.1 24.5 36.7

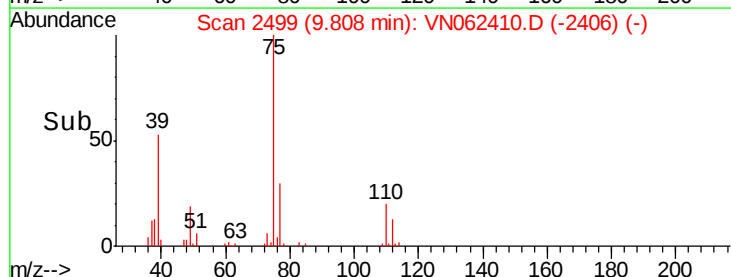
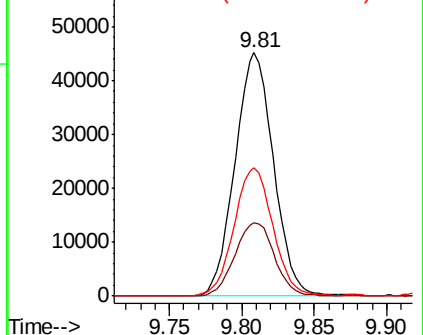
39 52.7 43.4 65.0

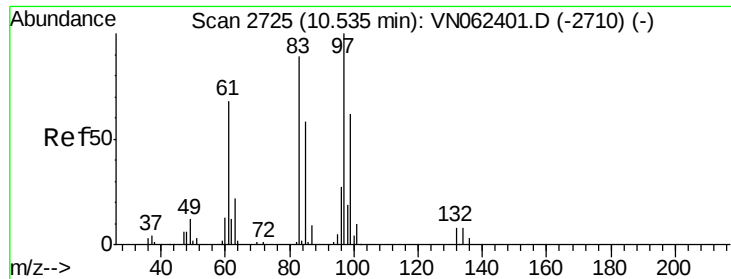


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

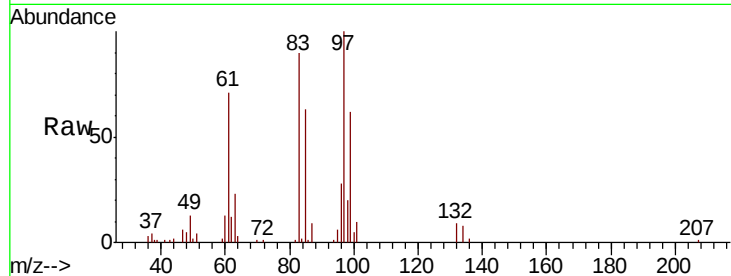




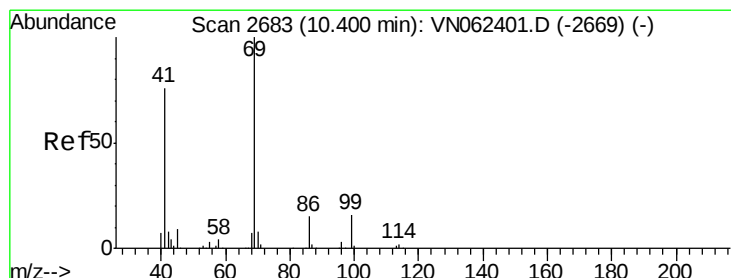
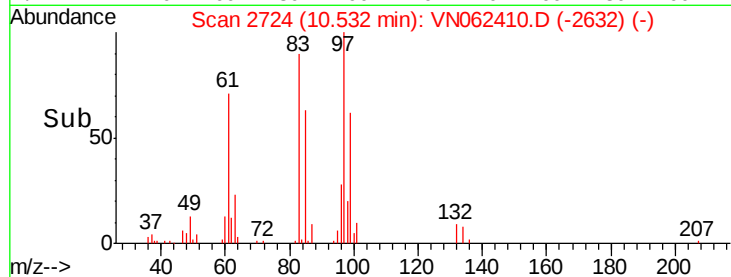
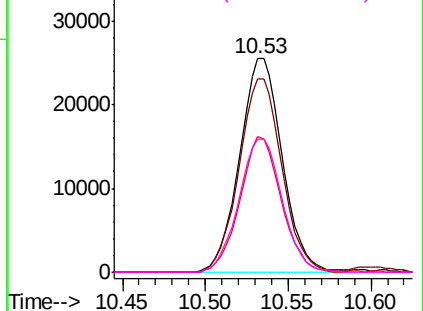
#55
 1,1,2-Trichloroethane
 Concen: 20.815 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion: 97 Resp: 45494
 Ion Ratio Lower Upper
 97 100
 83 90.4 71.0 106.4
 85 63.5 46.2 69.4
 99 62.4 49.7 74.5

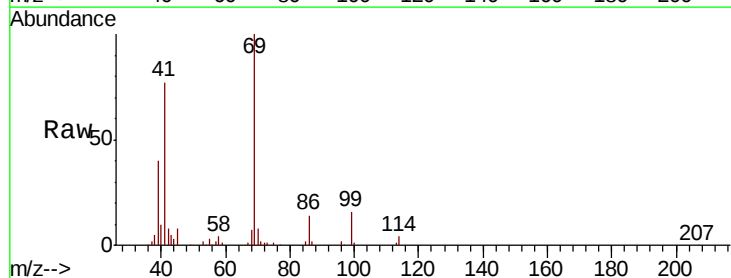


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

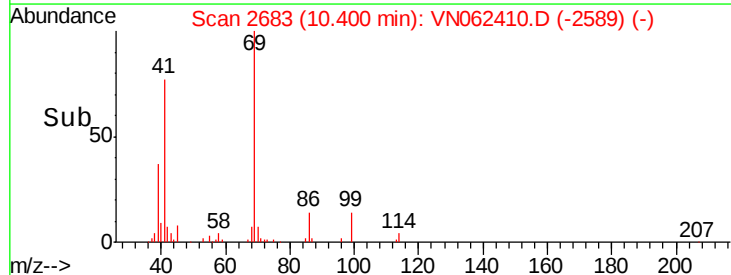
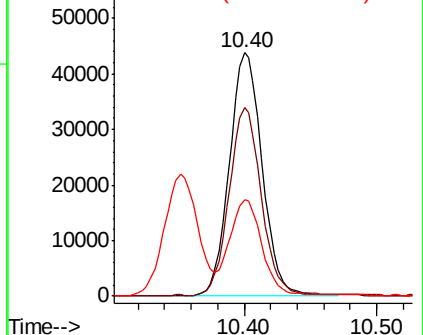


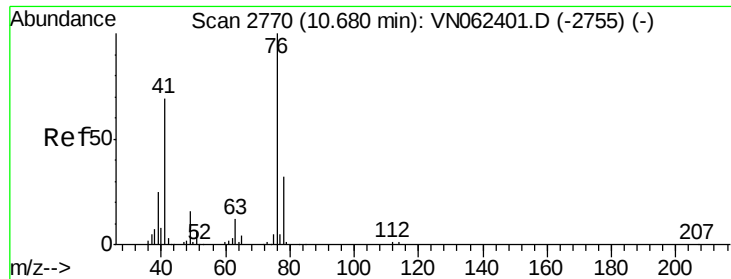
#56
 Ethyl methacrylate
 Concen: 19.801 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 69 Resp: 75339
 Ion Ratio Lower Upper
 69 100
 41 76.8 59.7 89.5
 39 38.0 30.6 45.8



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

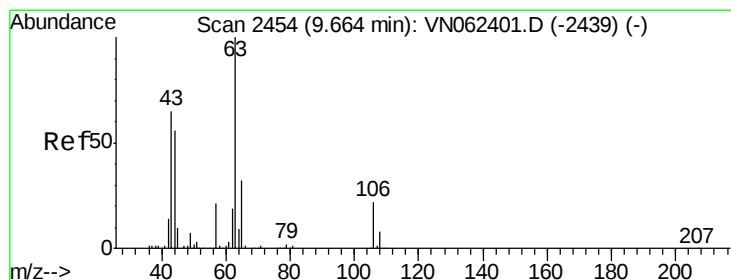
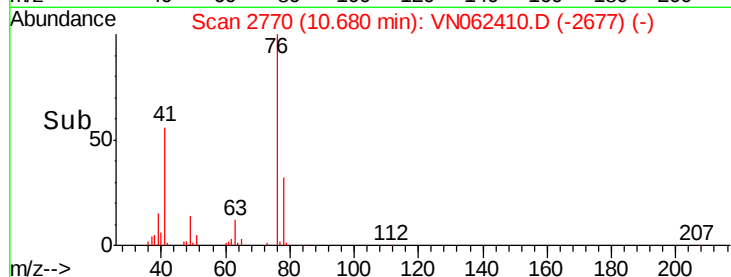
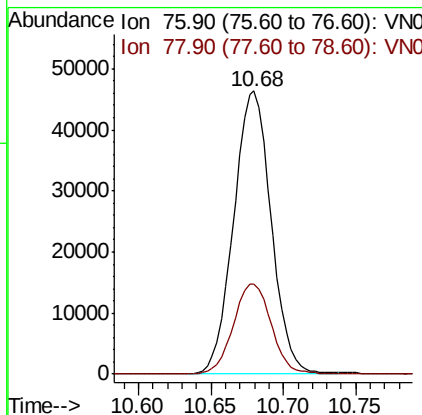
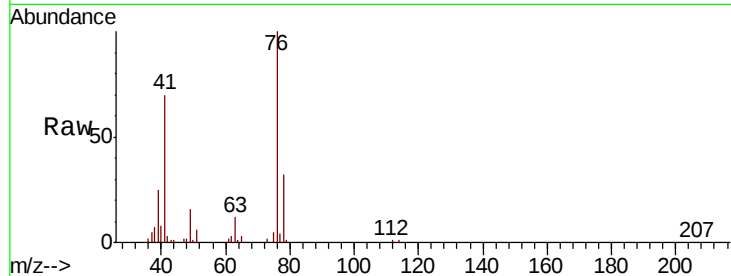




#57
 1,3-Dichloropropane
 Concen: 20.601 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

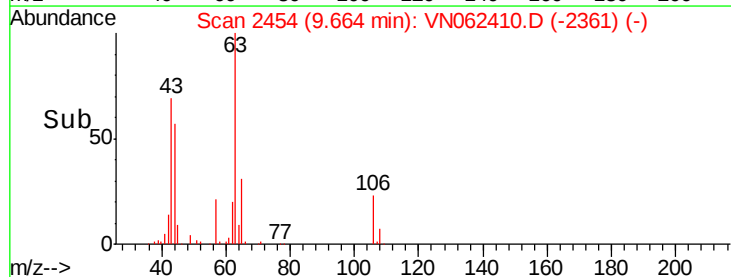
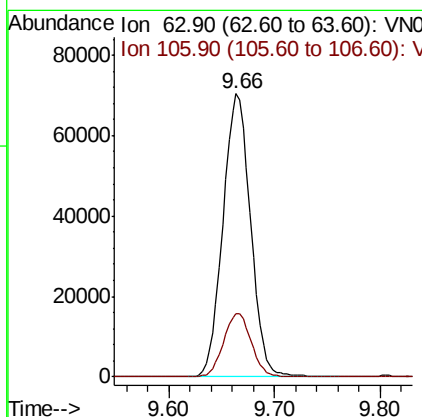
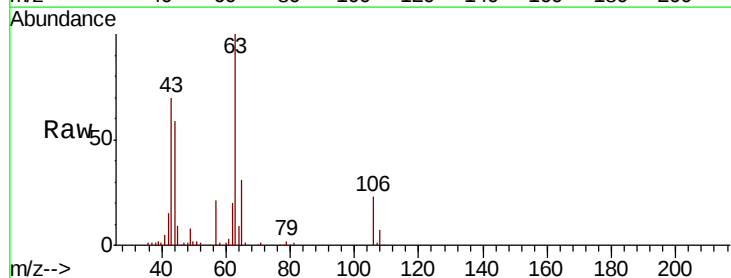
Instrument :
 MSVOA_N
 ClientSampled :
 VN0708WBS01

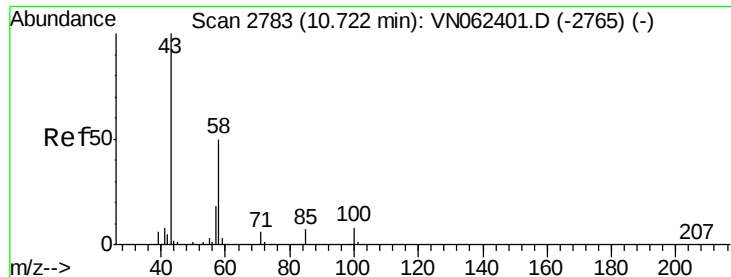
Tot Ion: 76 Resp: 83183
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.347 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 63 Resp: 127520
 Ion Ratio Lower Upper
 63 100
 106 22.4 17.6 26.4

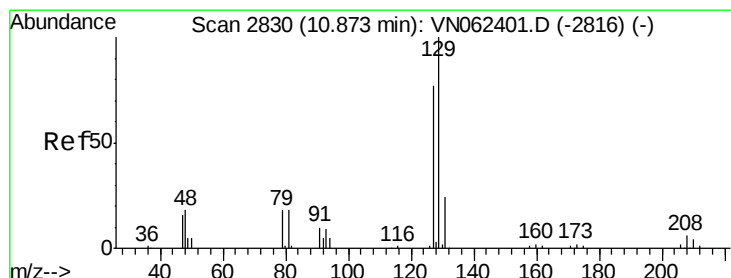
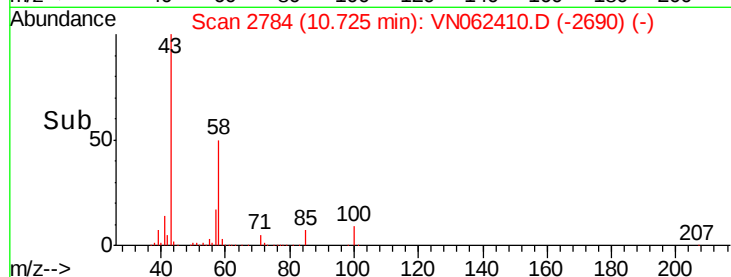
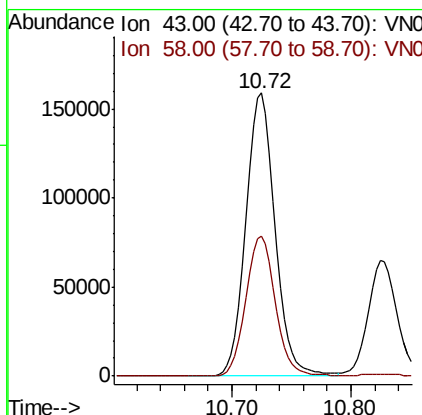
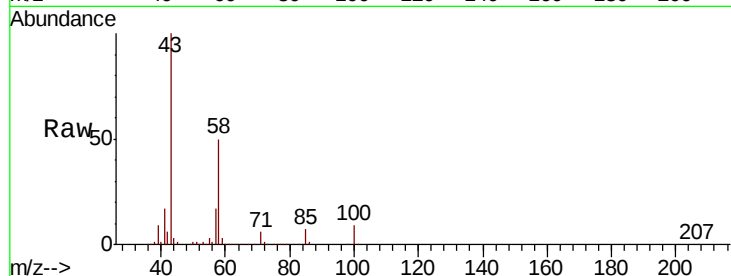




#59
2-Hexanone
Concen: 103.664 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

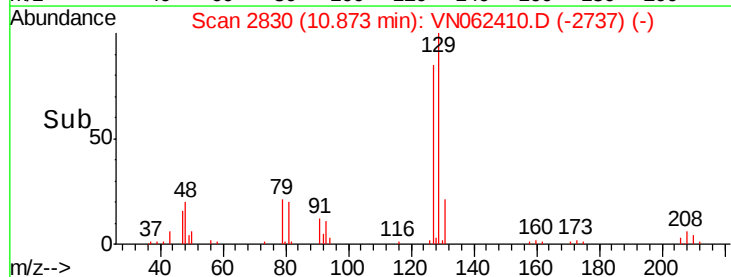
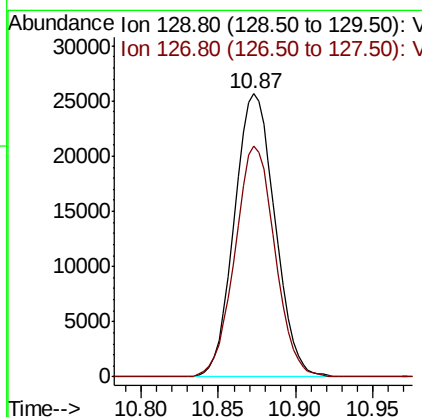
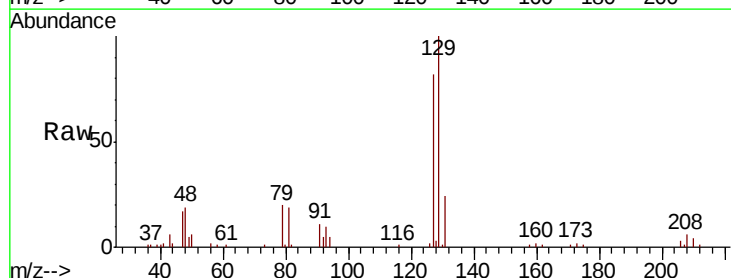
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

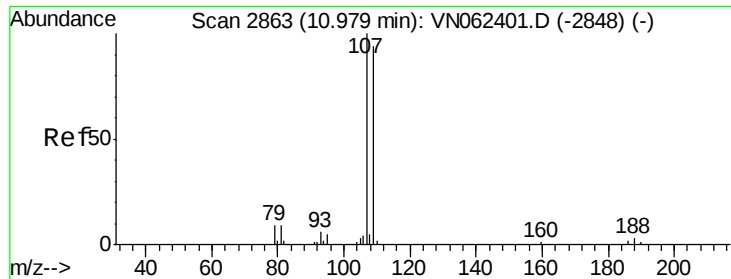
Tot Ion: 43 Resp: 271038
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.2



#60
Dibromochloromethane
Concen: 19.736 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 129 Resp: 46771
Ion Ratio Lower Upper
129 100
127 80.4 38.6 115.8

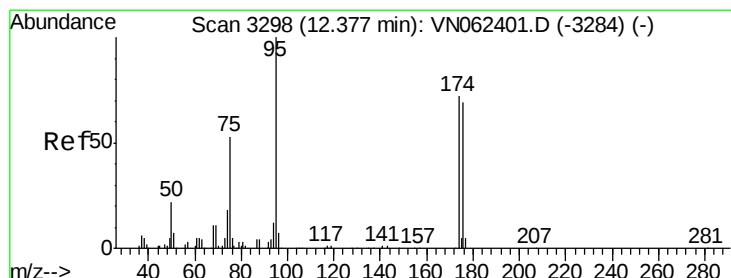
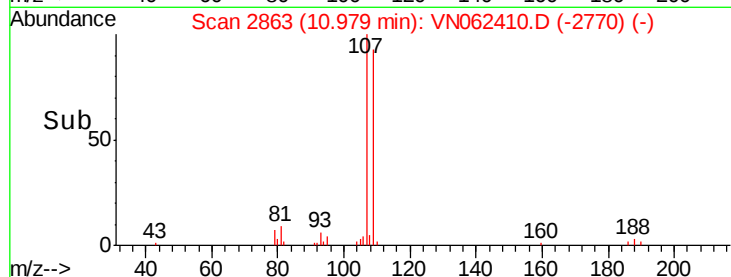
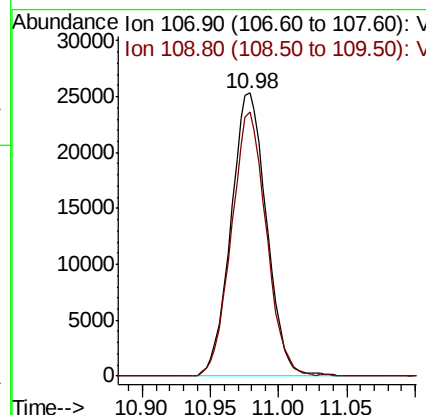
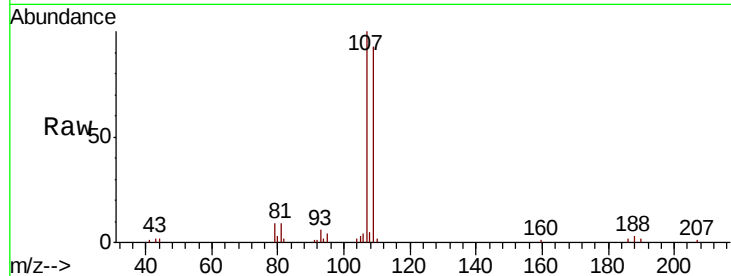




#61
 1,2-Dibromoethane
 Concen: 20.818 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

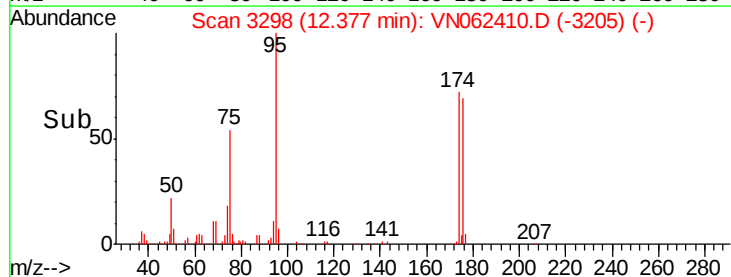
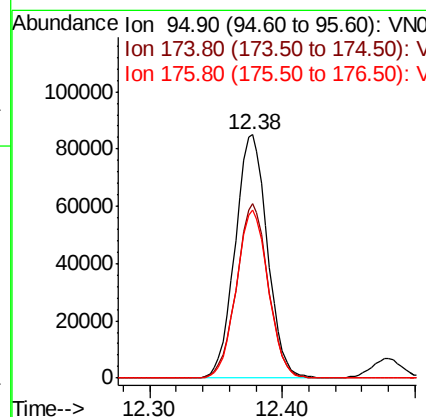
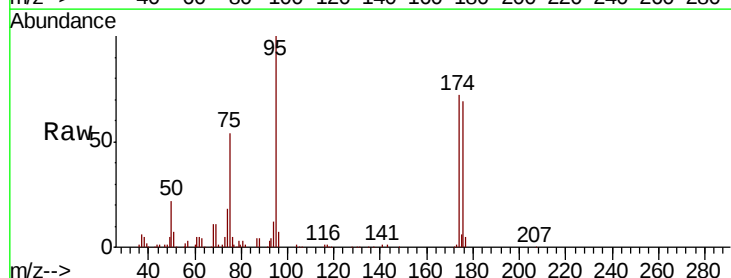
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

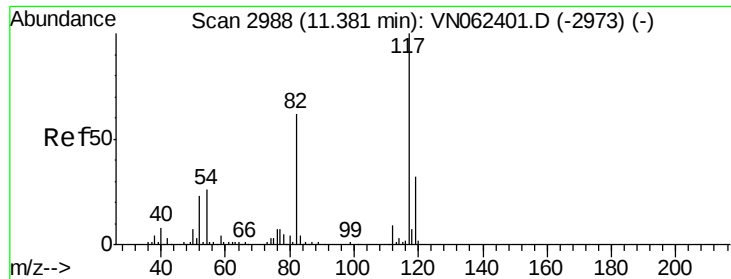
Tot Ion: 107 Resp: 45931
 Ion Ratio Lower Upper
 107 100
 109 91.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.714 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 95 Resp: 143638
 Ion Ratio Lower Upper
 95 100
 174 70.2 0.0 141.6
 176 68.3 0.0 137.2

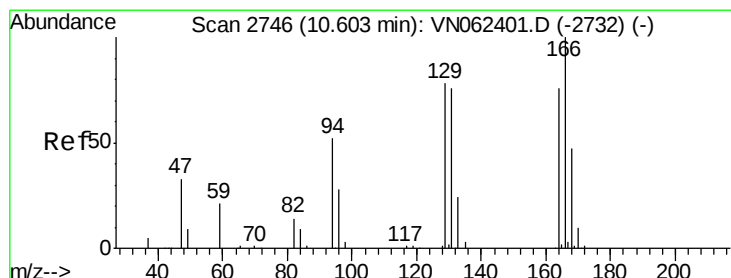
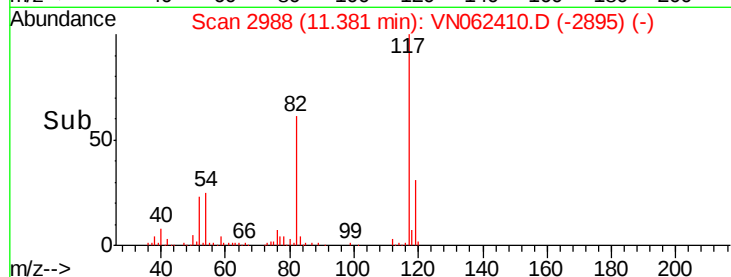
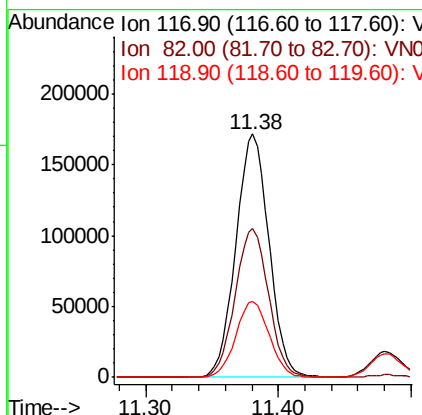
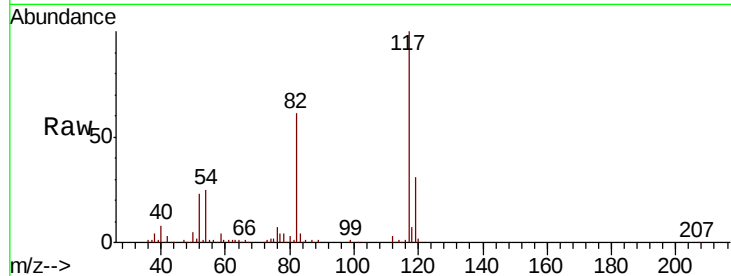




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

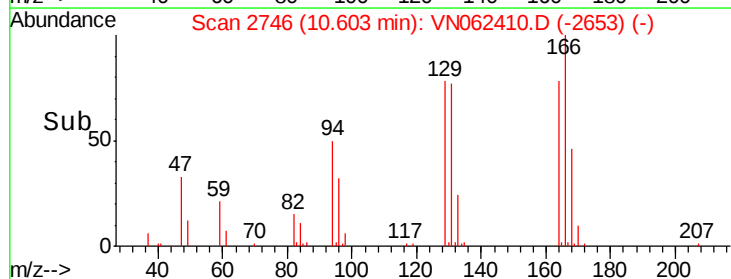
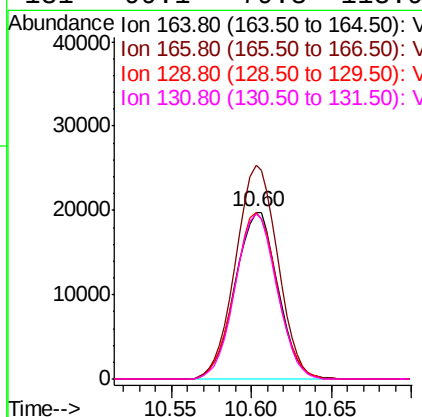
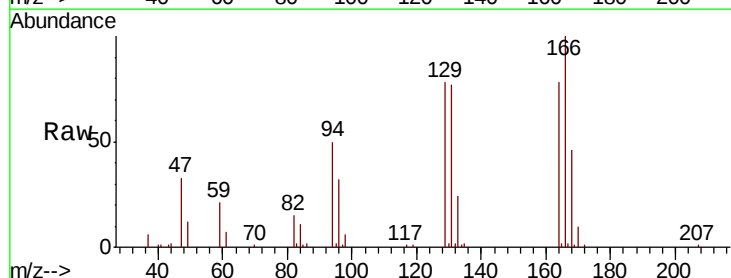
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

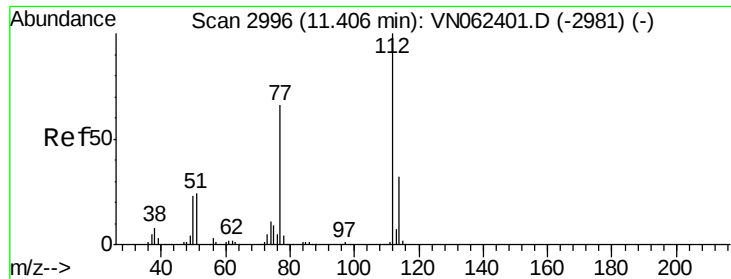
Tot Ion:117 Resp: 298289
Ion Ratio Lower Upper
117 100
82 61.0 49.6 74.4
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 20.432 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion:164 Resp: 36166
Ion Ratio Lower Upper
164 100
166 128.3 104.9 157.3
129 99.8 81.8 122.6
131 99.1 79.3 118.9

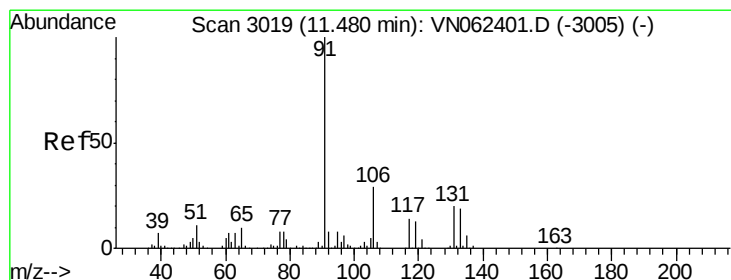
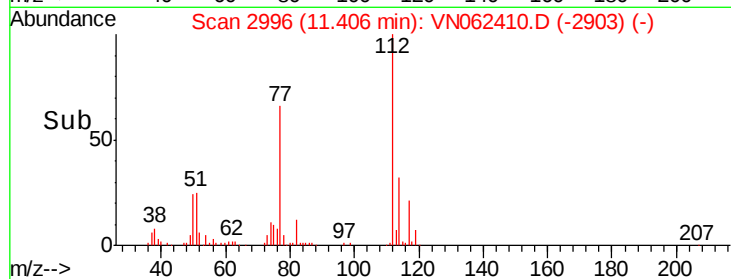
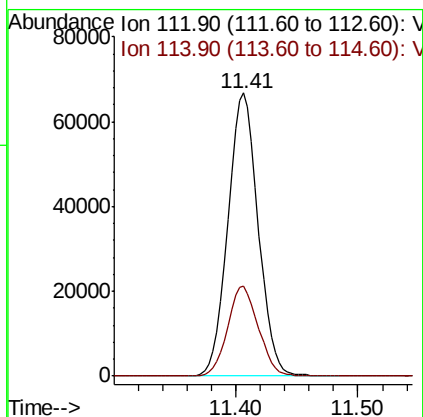
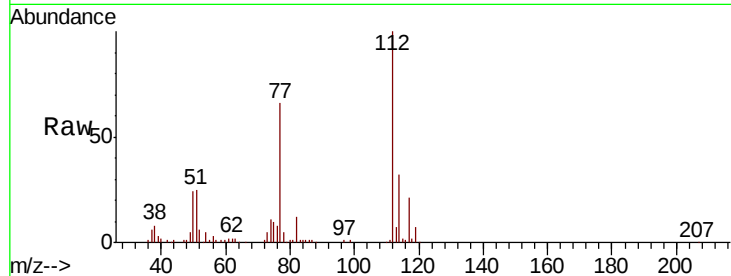




#65
Chlorobenzene
Concen: 19.930 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

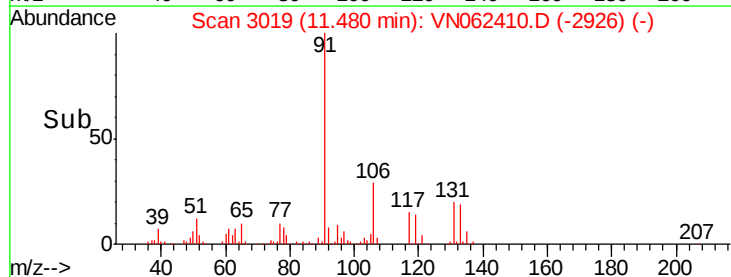
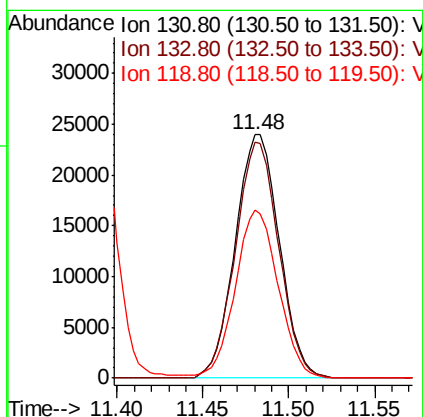
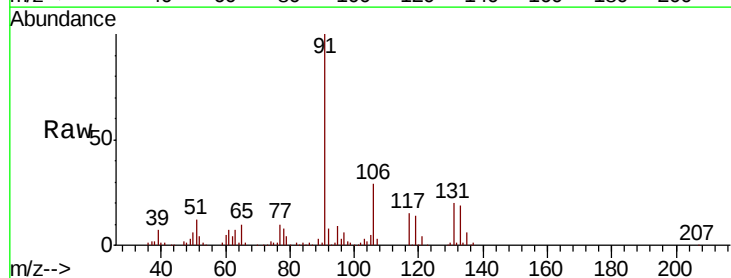
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

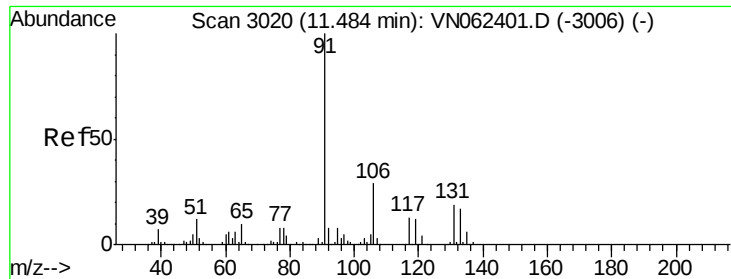
Tot Ion:112 Resp: 115543
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.938 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion:131 Resp: 42624
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.8
119 67.3 33.2 99.6

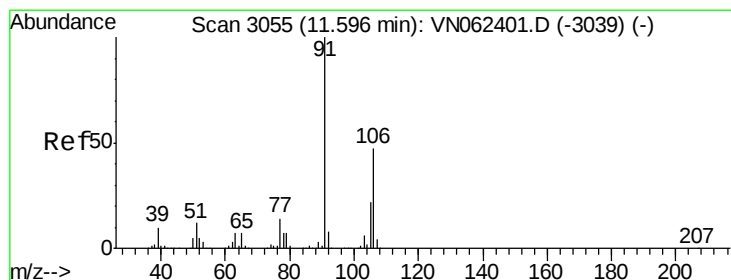
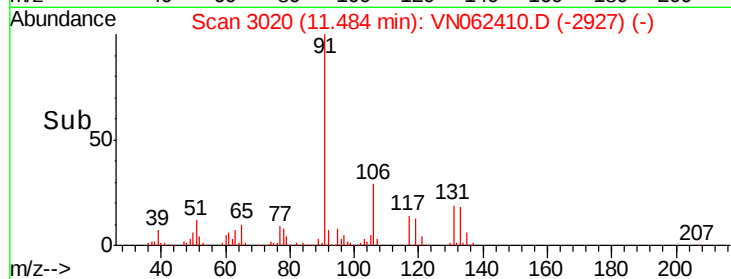
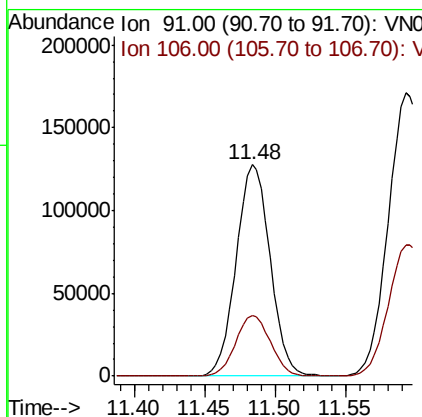
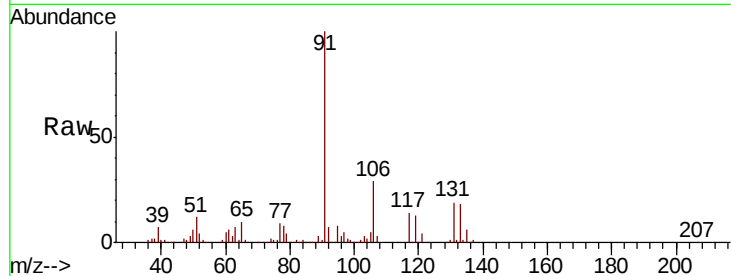




#67
Ethyl Benzene
Concen: 19.862 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

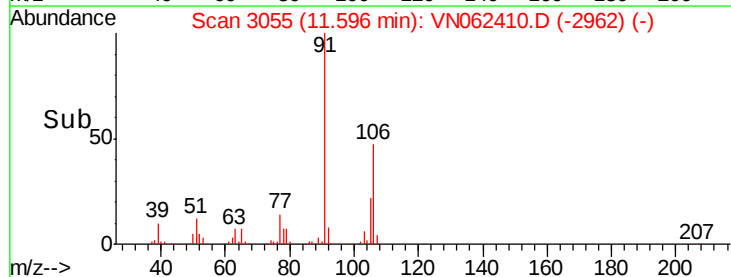
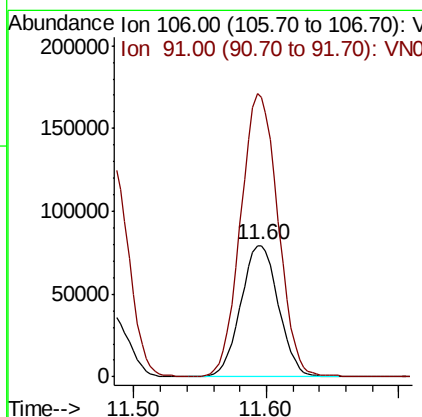
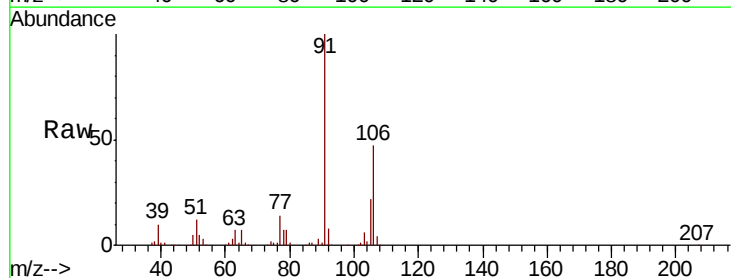
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

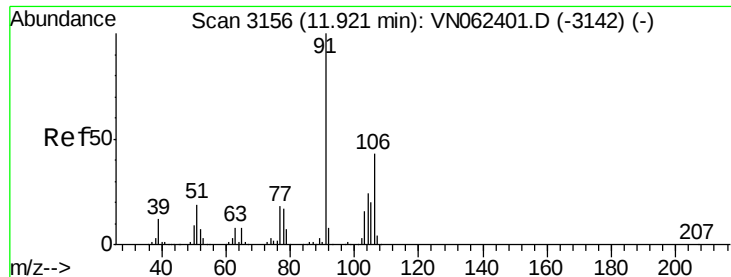
Tot Ion: 91 Resp: 216143
Ion Ratio Lower Upper
91 100
106 28.9 23.4 35.2



#68
m/p-Xylenes
Concen: 40.400 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 106 Resp: 155634
Ion Ratio Lower Upper
106 100
91 214.7 172.4 258.6

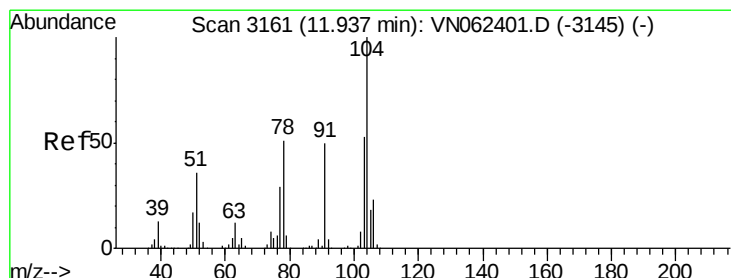
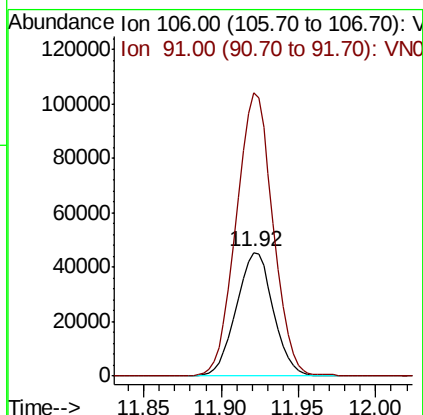
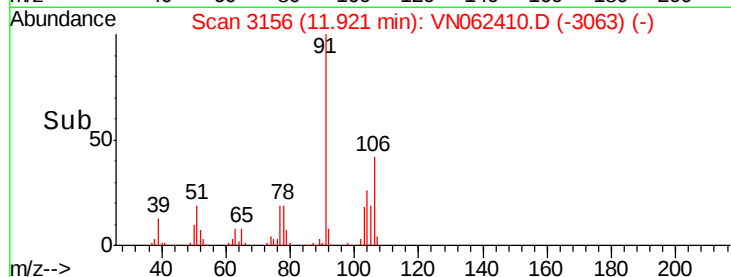
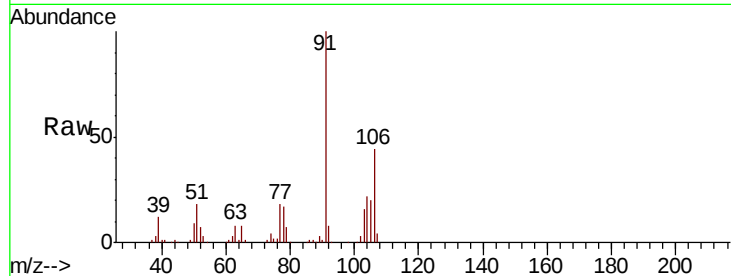




#69
o-Xylene
Concen: 20.114 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

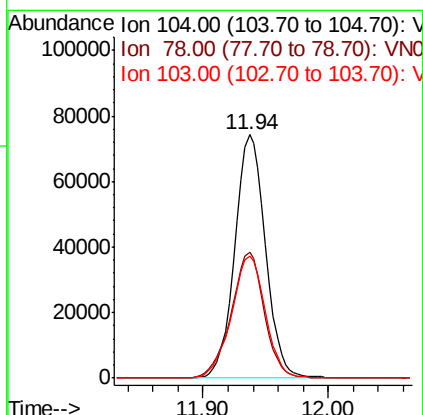
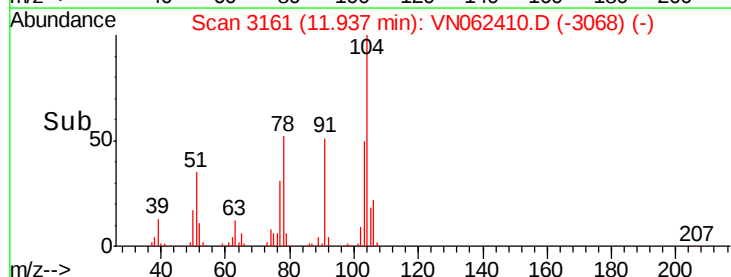
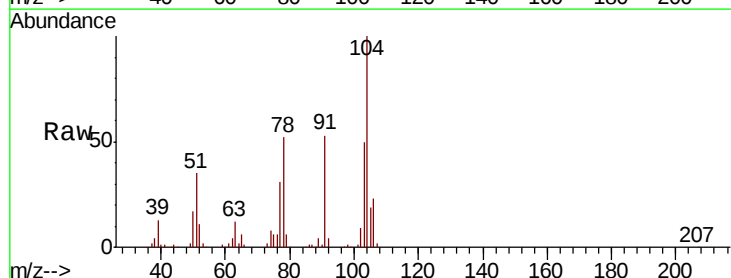
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

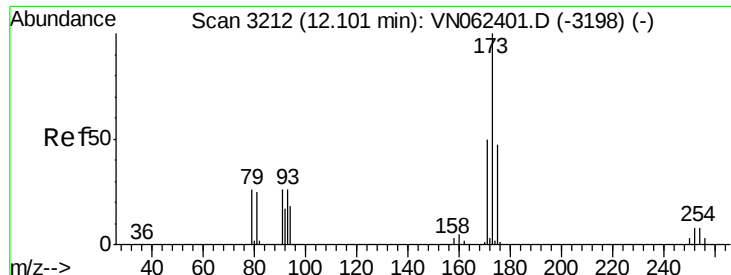
Tot Ion:106 Resp: 75443
Ion Ratio Lower Upper
106 100
91 228.1 113.8 341.4



#70
Styrene
Concen: 20.360 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion:104 Resp: 126210
Ion Ratio Lower Upper
104 100
78 55.8 44.2 66.4
103 55.5 44.4 66.6

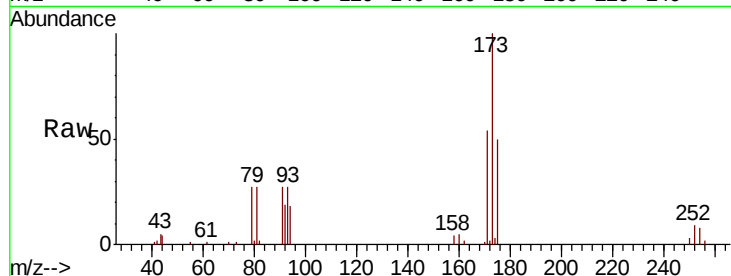




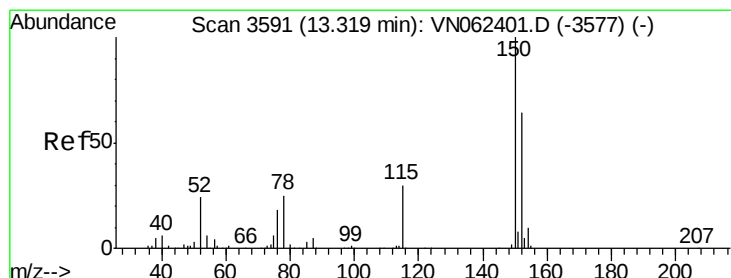
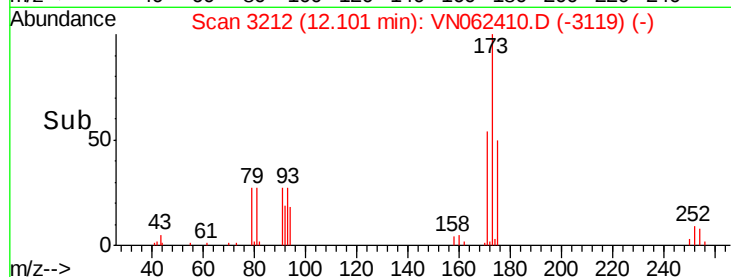
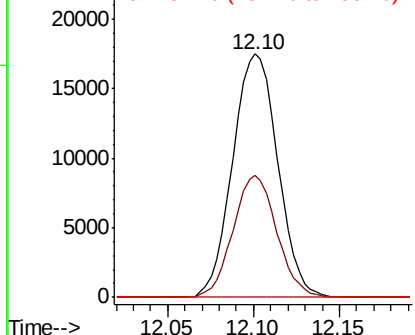
#71
Bromoform
Concen: 20.326 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion:173 Resp: 31856
Ion Ratio Lower Upper
173 100
175 48.4 23.7 71.1
254 0.0 0.0 0.0

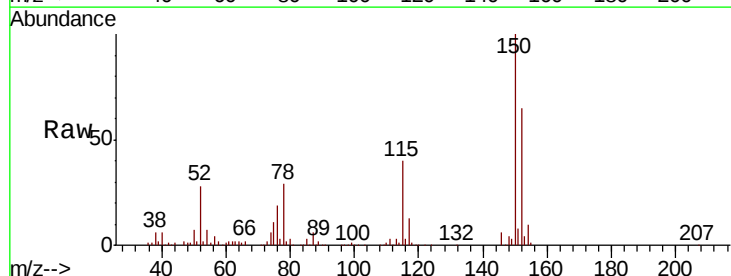


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

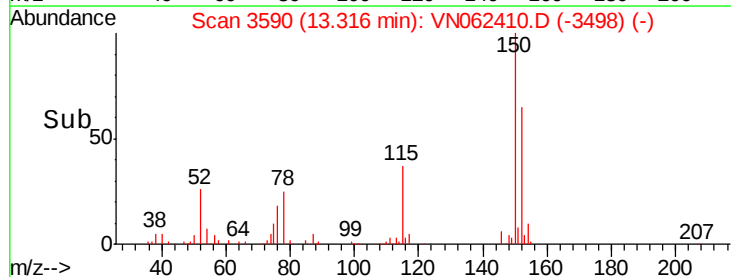
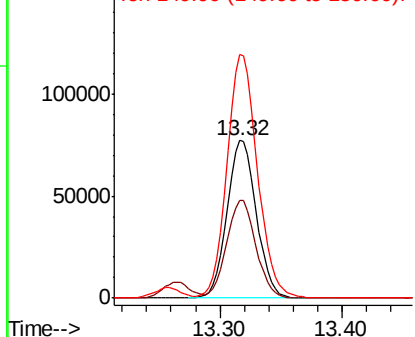


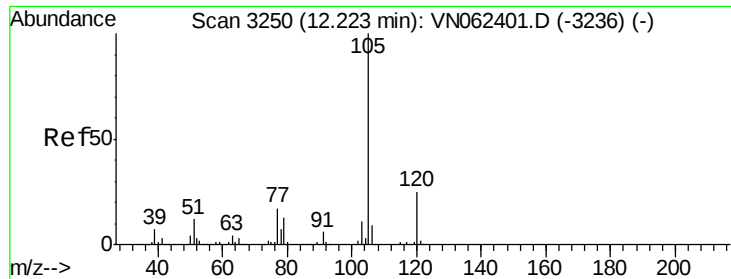
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion:152 Resp: 129533
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.2
150 159.8 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: 20.400 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

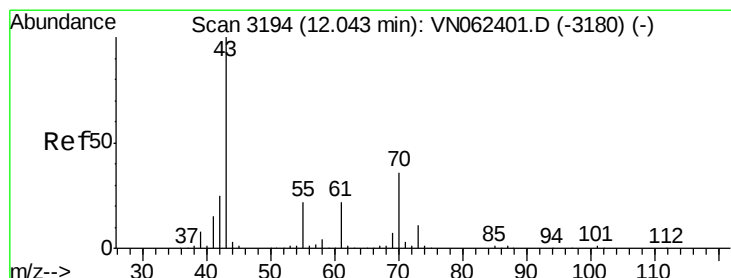
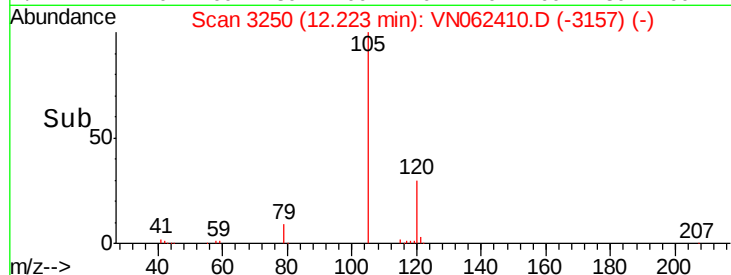
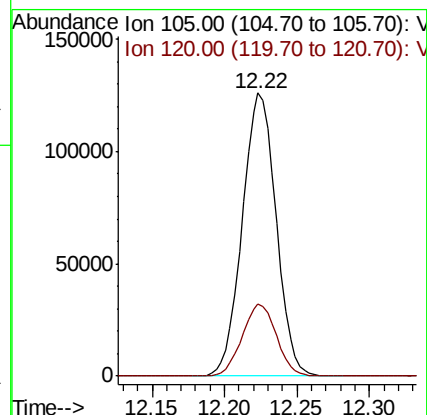
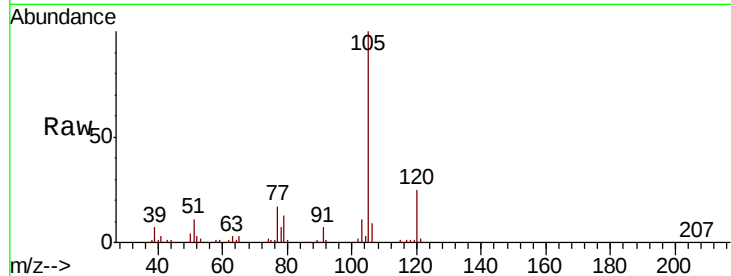
VN0708WBS01

Tot Ion:105 Resp: 204479

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.1



#74

N-ethyl acetate

Concen: 20.931 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Tgt Ion: 43 Resp: 102115

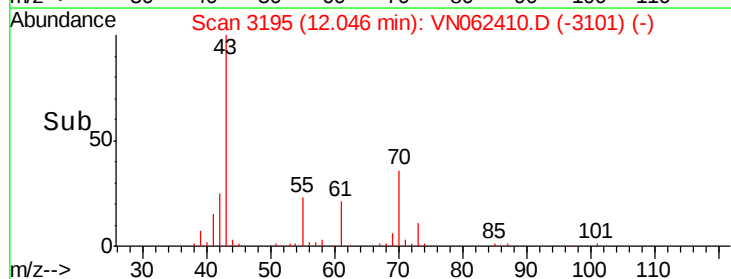
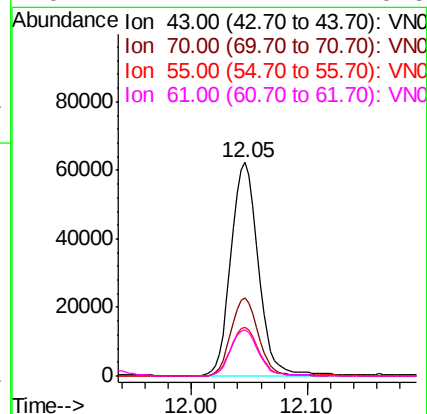
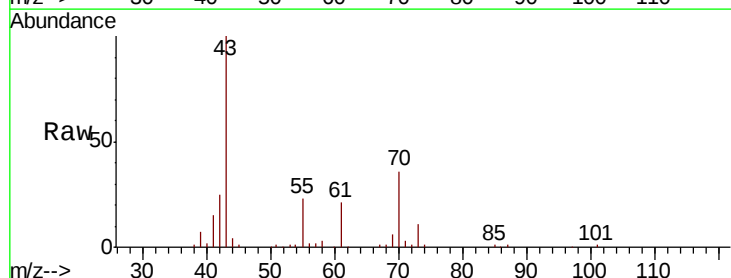
Ion Ratio Lower Upper

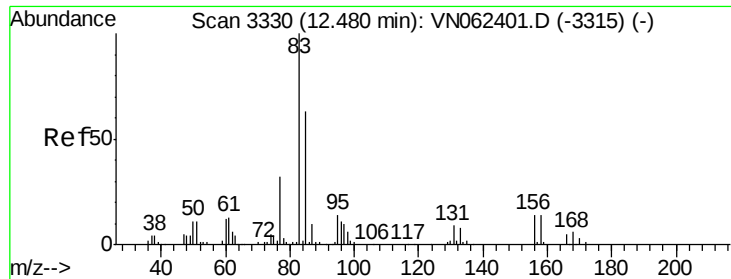
43 100

70 36.5 30.0 45.0

55 23.2 18.2 27.4

61 21.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.626 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

VN0708WBS01

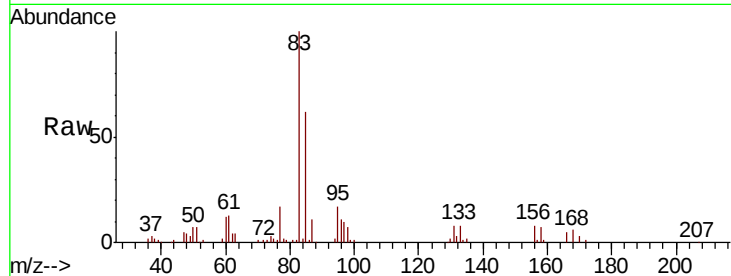
Tot Ion: 83 Resp: 69515

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

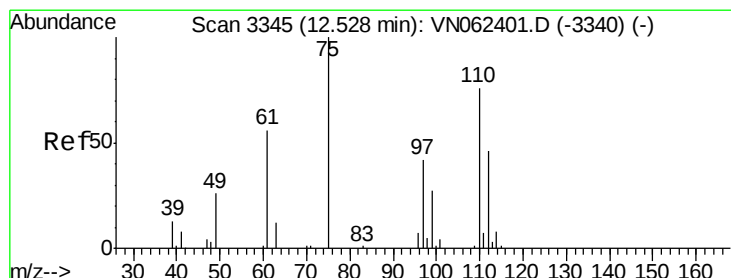
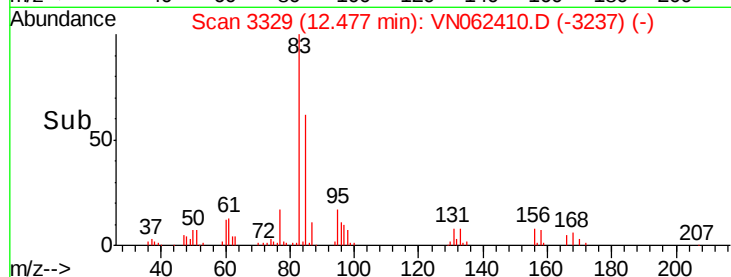
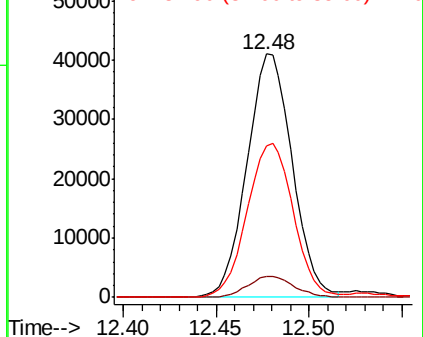
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.389 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062410.D

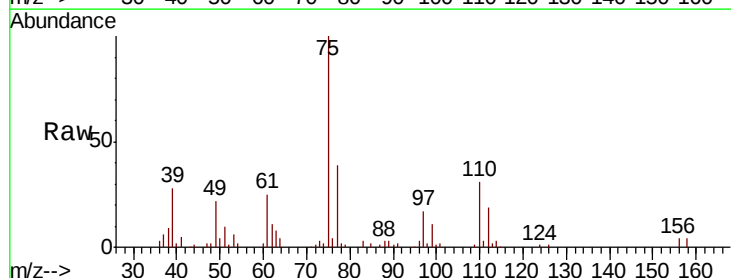
Acq: 8 Jul 2020 16:14

Tgt Ion: 75 Resp: 90230

Ion Ratio Lower Upper

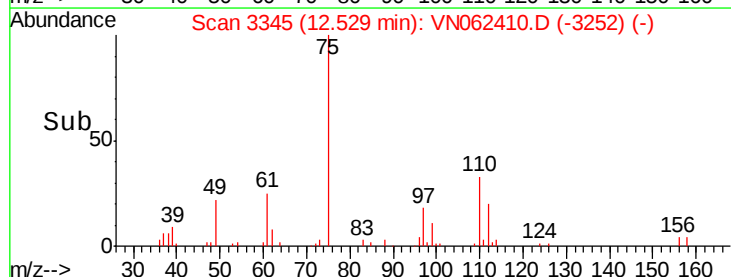
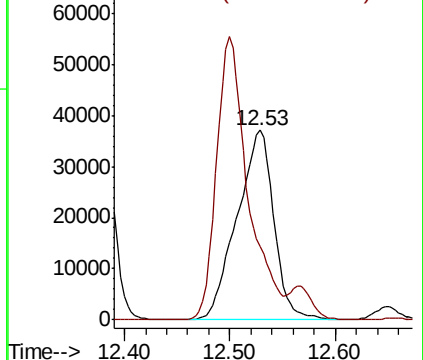
75 100

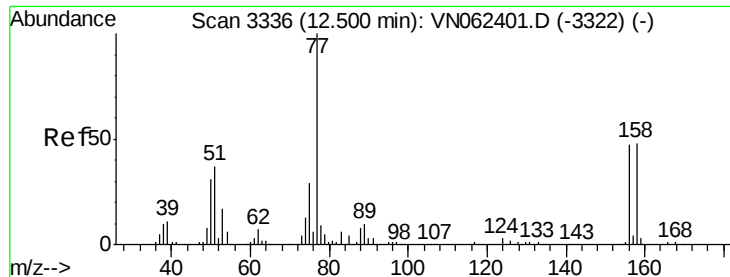
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.297 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

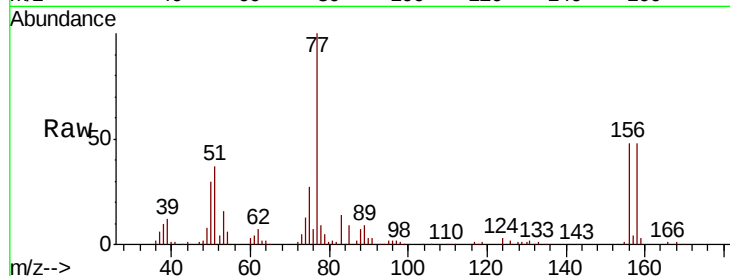
Tot Ion:156 Resp: 46251

Ion Ratio Lower Upper

156 100

77 247.8 126.4 379.3

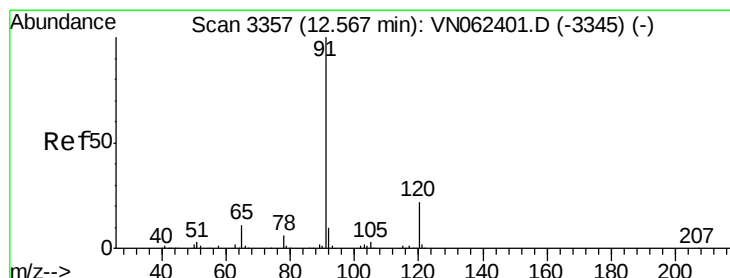
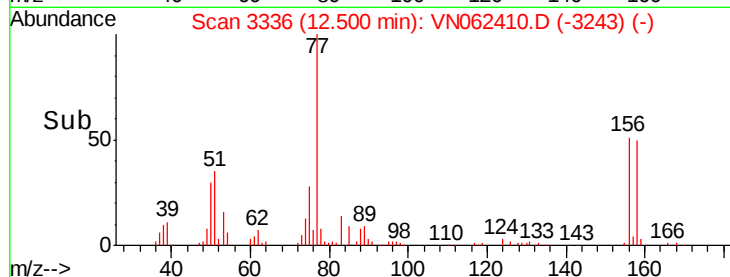
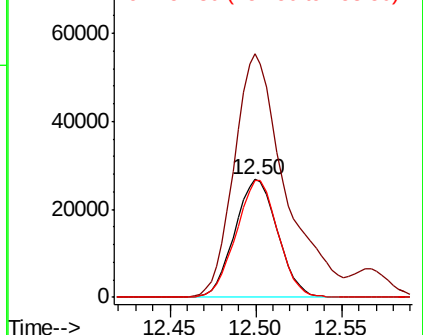
158 97.3 49.8 149.4



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: 20.351 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062410.D

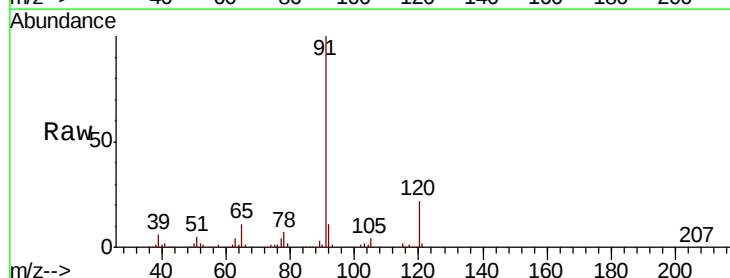
Acq: 8 Jul 2020 16:14

Tgt Ion: 91 Resp: 238285

Ion Ratio Lower Upper

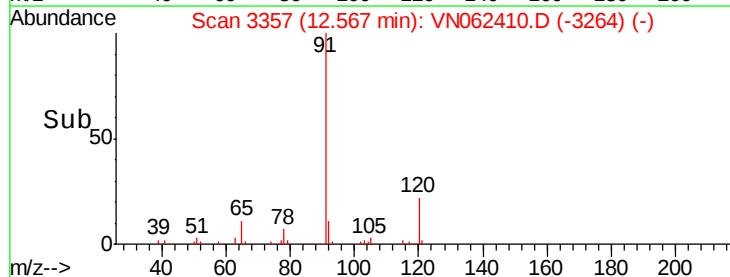
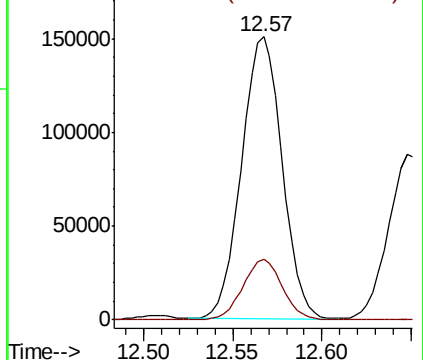
91 100

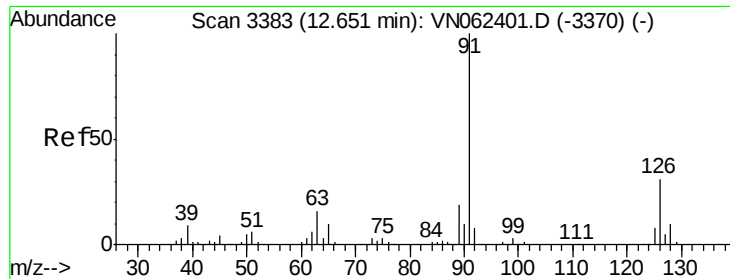
120 20.9 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

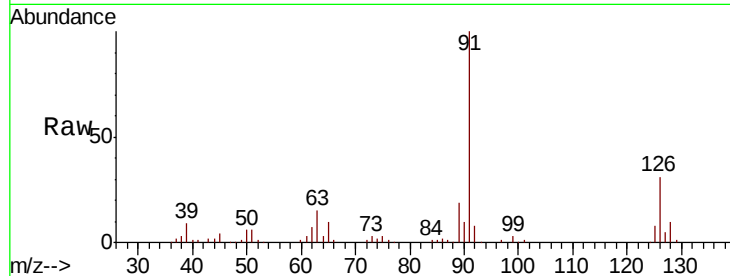




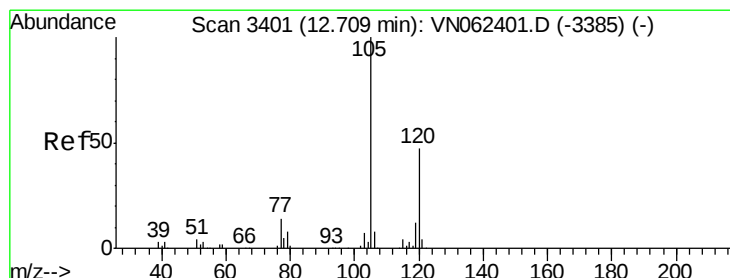
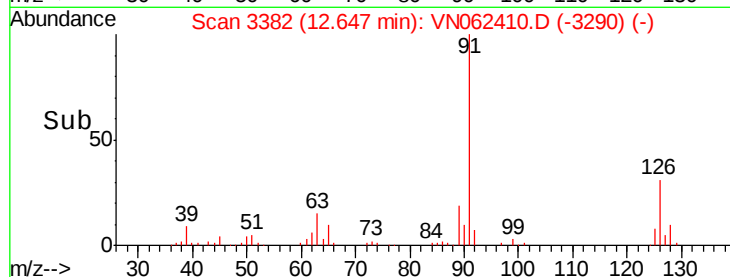
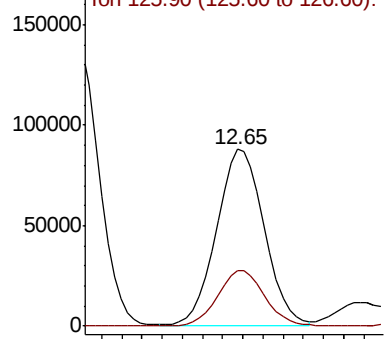
#79
 2-Chlorotoluene
 Concen: 20.255 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion: 91 Resp: 143938
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.6 46.7

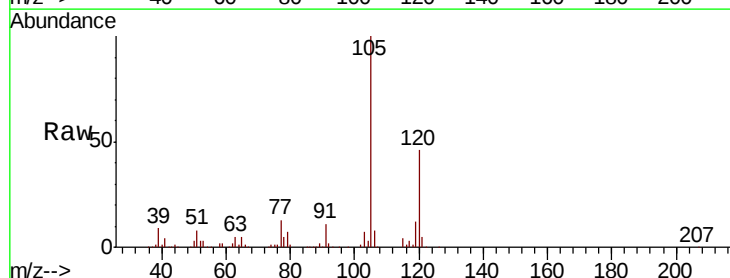


Abundance Ion 91.00 (90.70 to 91.70): VN062410.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062410.D (-3370) (-)

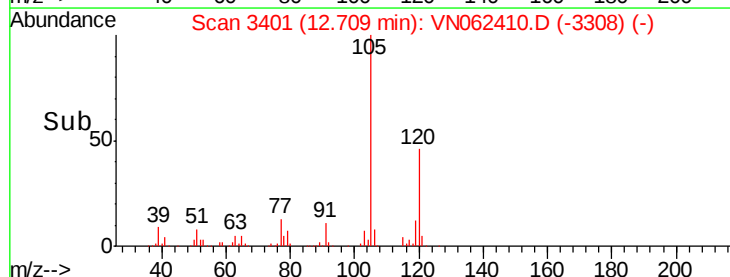
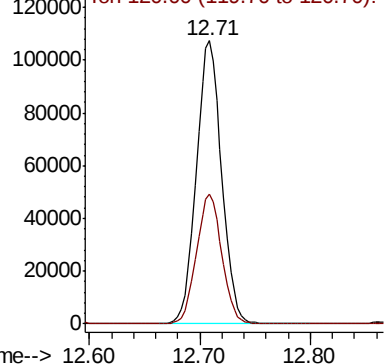


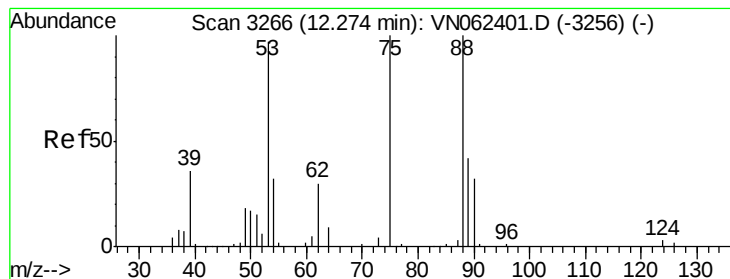
#80
 1,3,5-Trimethylbenzene
 Concen: 20.696 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 105 Resp: 170061
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062410.D (-3385) (-)
 Ion 120.00 (119.70 to 120.70): VN062410.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.395 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

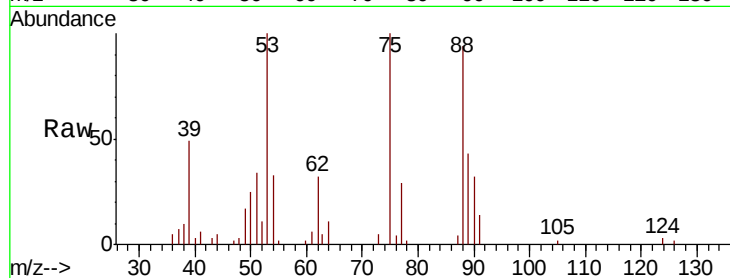
Tot Ion: 75 Resp: 23030

Ion Ratio Lower Upper

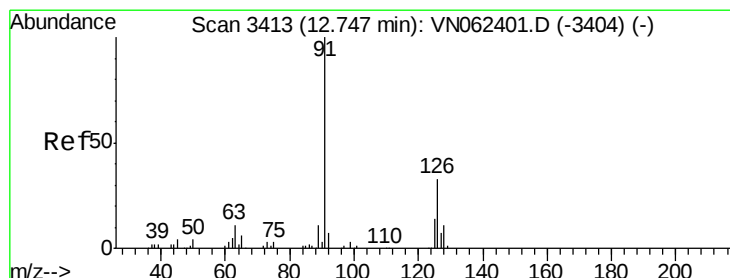
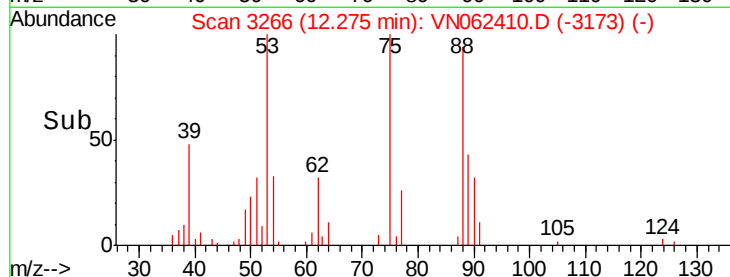
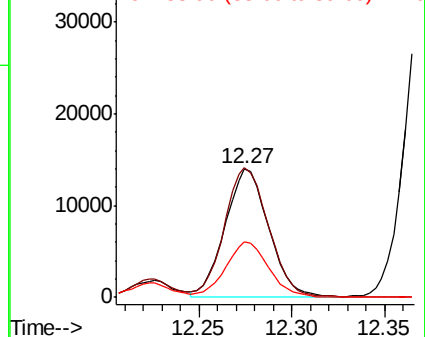
75 100

53 101.9 79.2 118.8

89 42.4 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.327 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062410.D

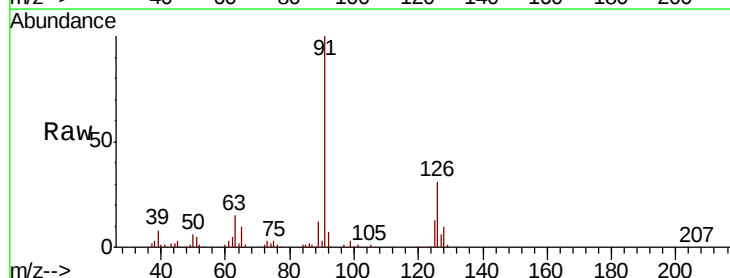
Acq: 8 Jul 2020 16:14

Tgt Ion: 91 Resp: 146643

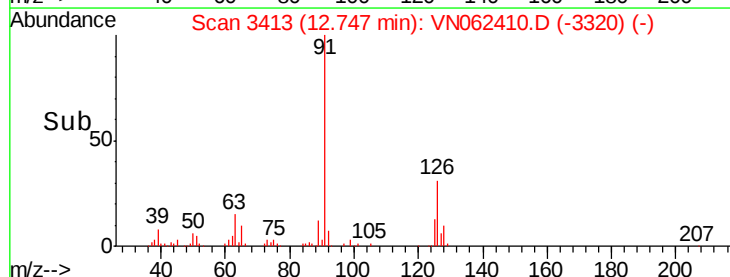
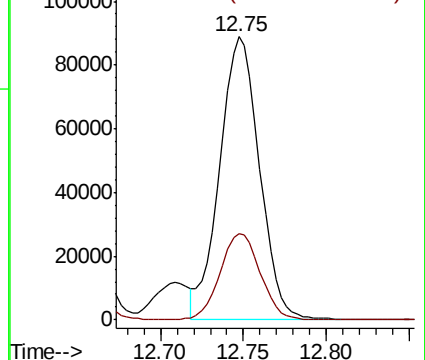
Ion Ratio Lower Upper

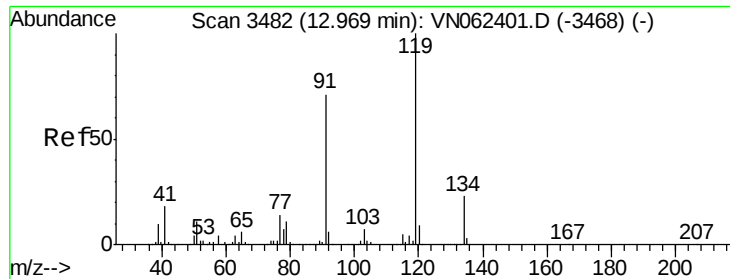
91 100

126 31.2 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

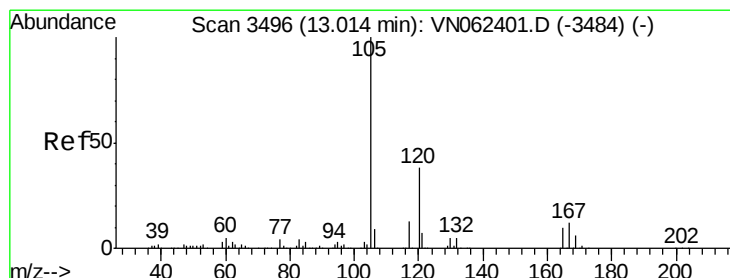
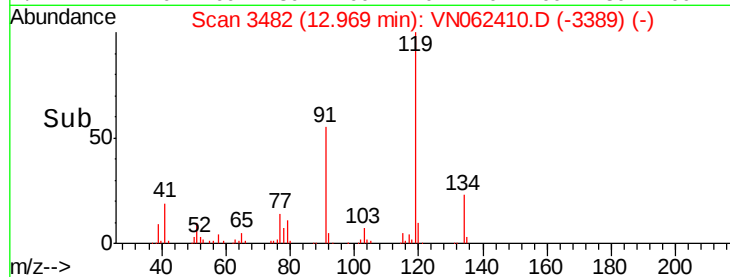
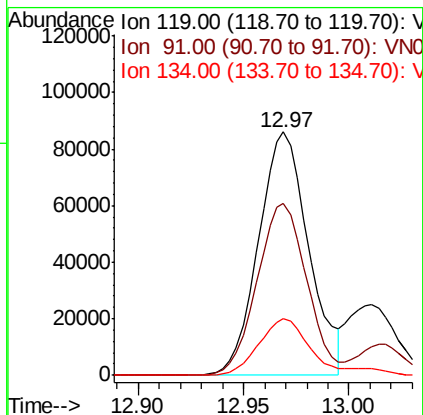
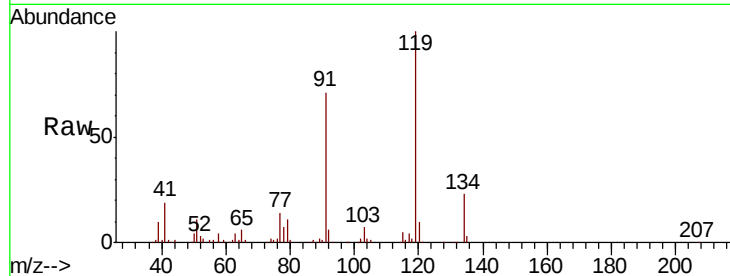




#83
tert-Butylbenzene
Concen: 20.463 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

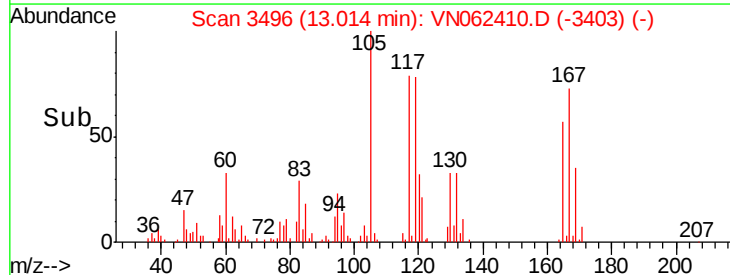
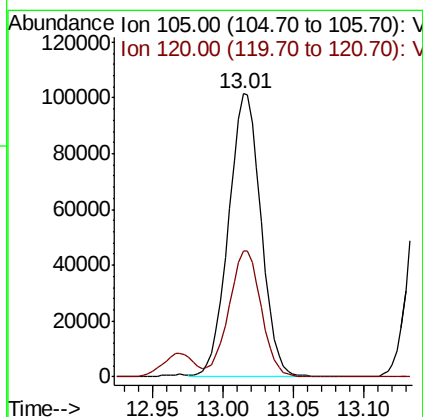
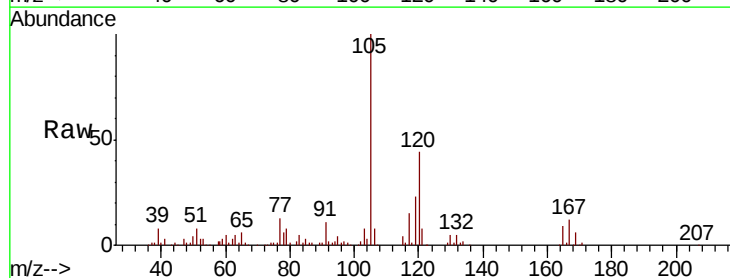
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

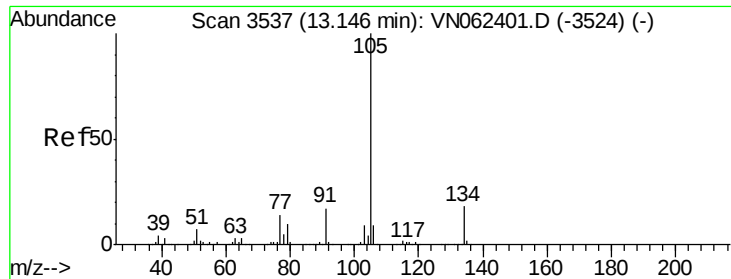
Tot Ion:119 Resp: 142695
Ion Ratio Lower Upper
119 100
91 70.1 34.8 104.3
134 25.0 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 19.927 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion:105 Resp: 162754
Ion Ratio Lower Upper
105 100
120 44.6 21.6 64.8





#85

sec-Butylbenzene

Concen: 20.293 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

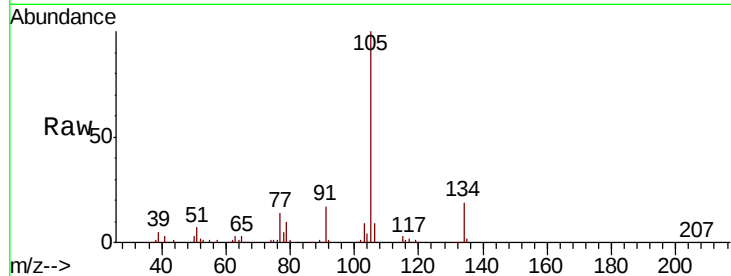
VN0708WBS01

Tot Ion:105 Resp: 187518

Ion Ratio Lower Upper

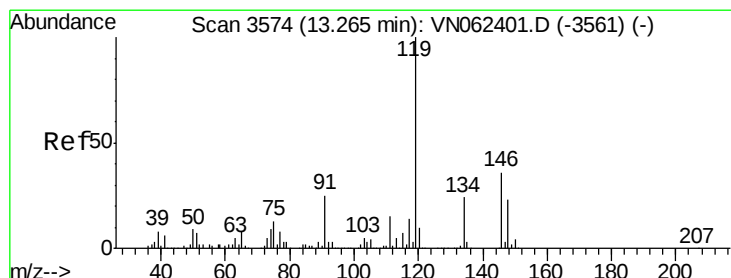
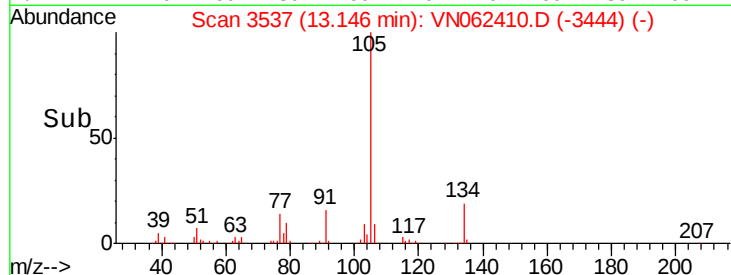
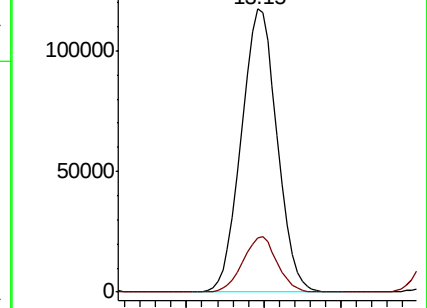
105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.528 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

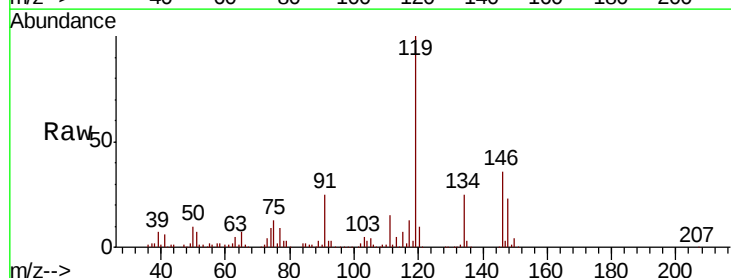
Tgt Ion:119 Resp: 163718

Ion Ratio Lower Upper

119 100

134 25.1 12.4 37.0

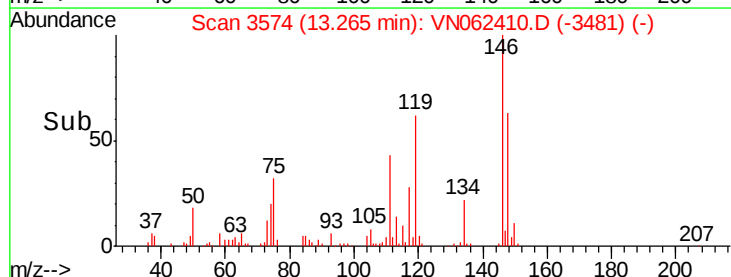
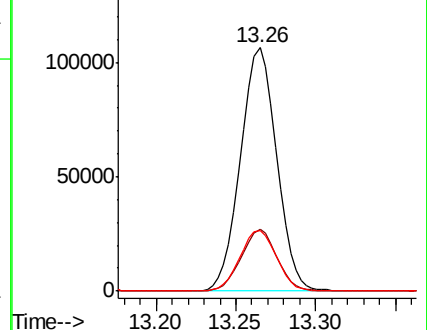
91 25.2 12.4 37.4

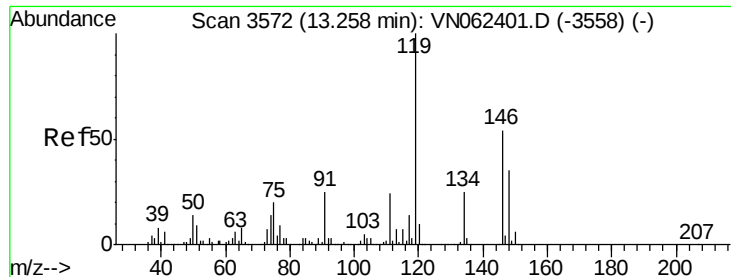


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

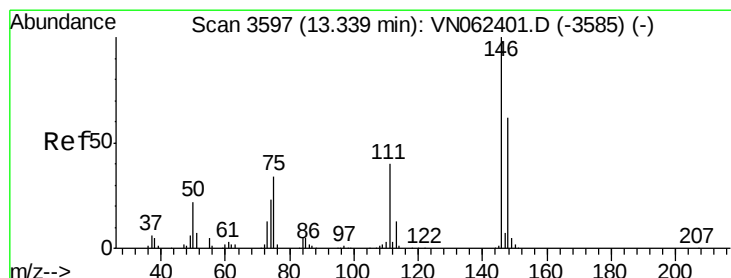
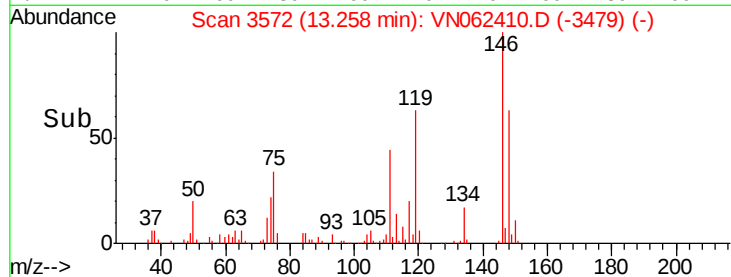
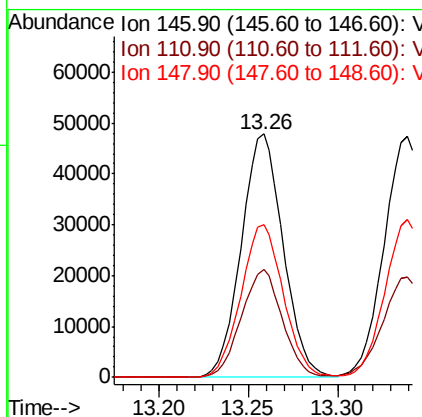
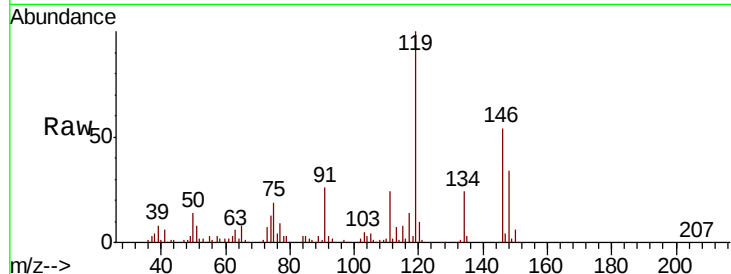




#87
 1,3-Dichlorobenzene
 Concen: 20.000 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

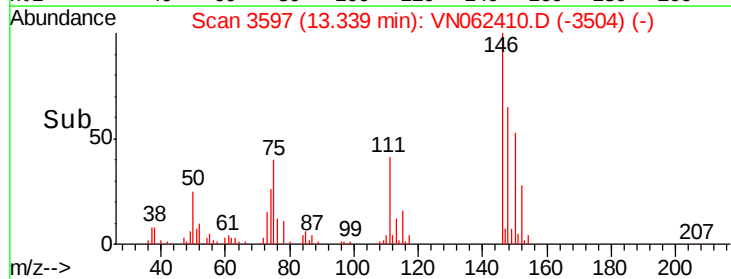
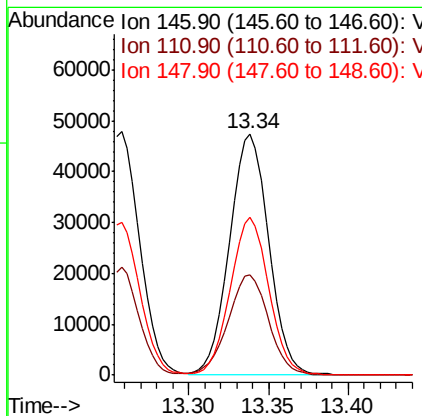
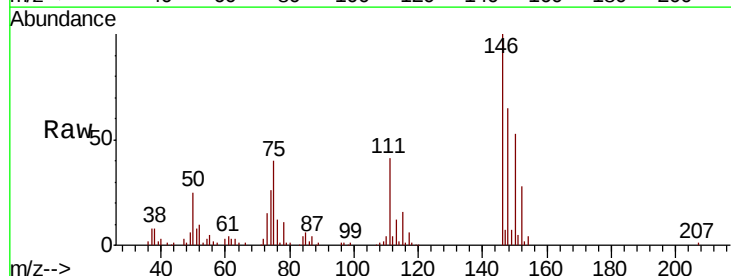
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

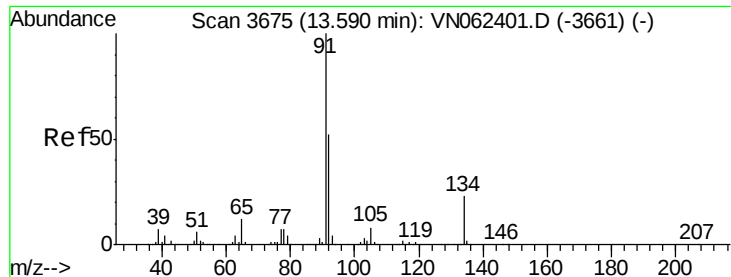
Tot Ion:146 Resp: 78625
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.6
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.514 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion:146 Resp: 78936
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.1
 148 64.8 31.4 94.2

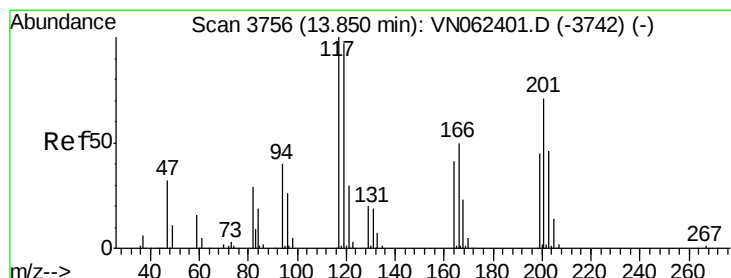
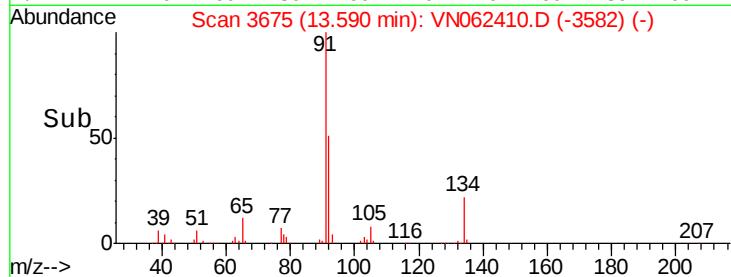
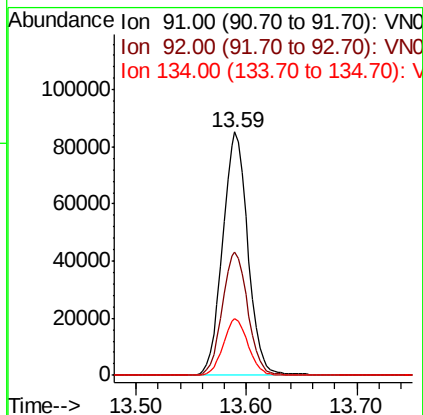
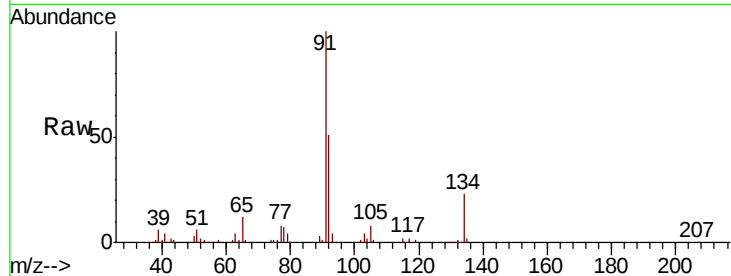




#89
n-Butylbenzene
Concen: 19.217 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

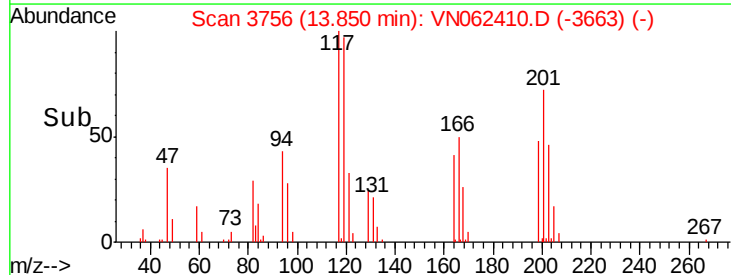
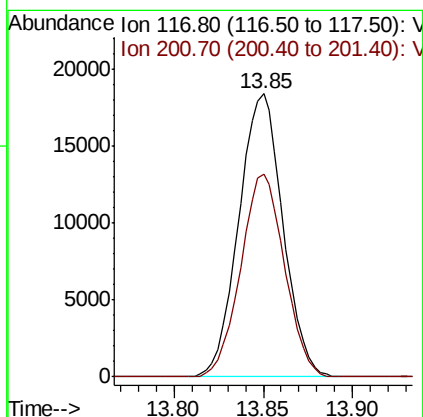
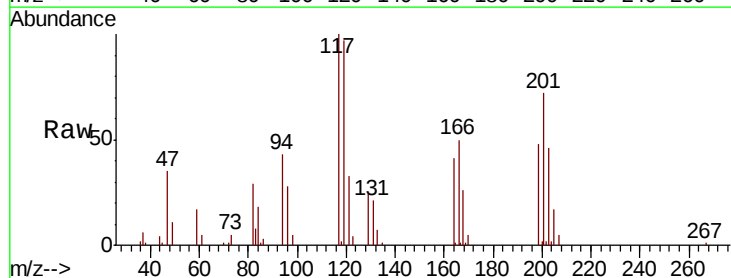
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

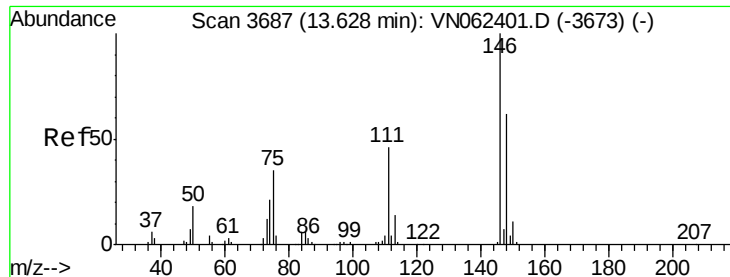
Tot Ion: 91 Resp: 135320
Ion Ratio Lower Upper
91 100
92 51.0 25.9 77.7
134 22.8 11.6 34.8



#90
Hexachloroethane
Concen: 20.295 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062410.D
Acq: 8 Jul 2020 16:14

Tgt Ion: 117 Resp: 31839
Ion Ratio Lower Upper
117 100
201 71.0 35.4 106.2

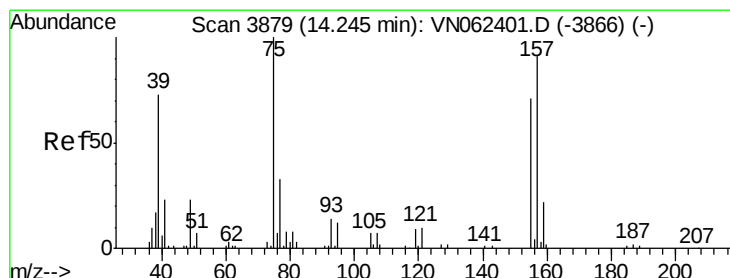
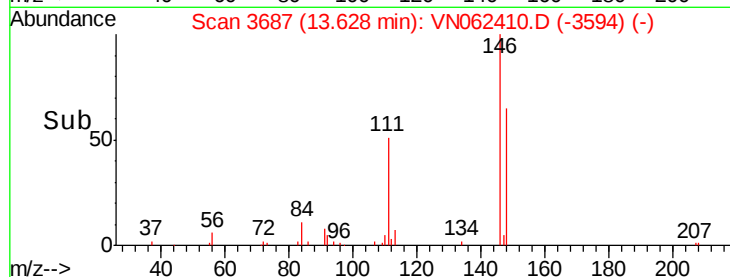
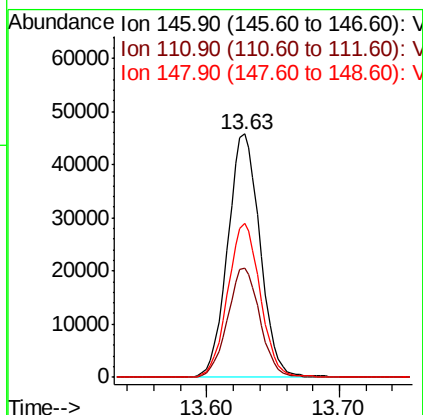
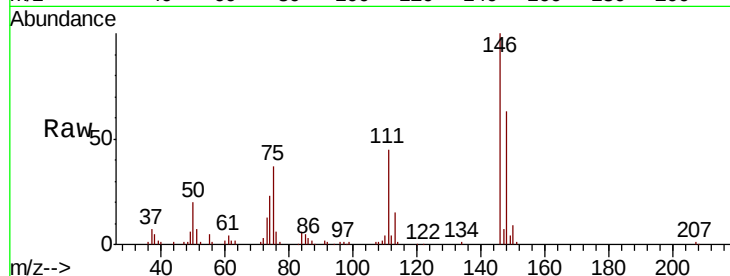




#91
 1,2-Dichlorobenzene
 Concen: 20.389 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

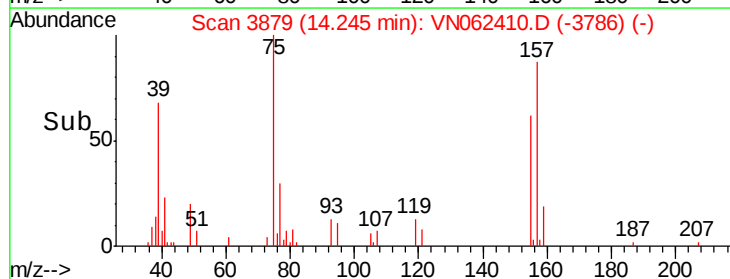
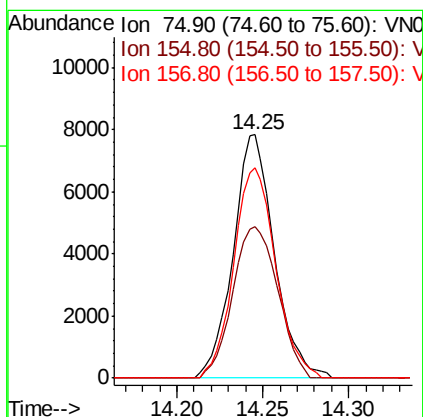
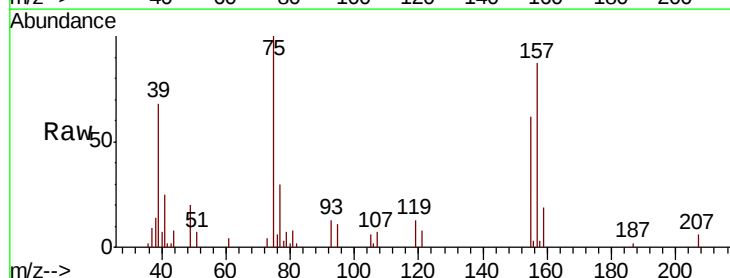
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

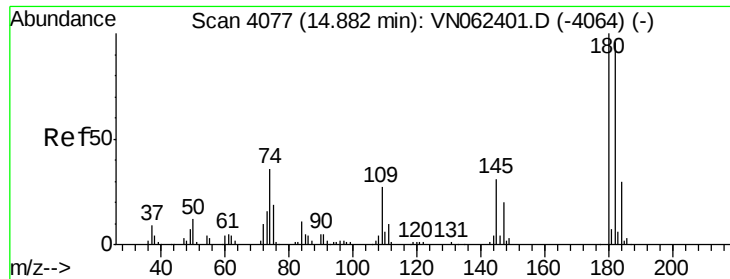
Tot Ion:146 Resp: 77498
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.5 67.5
 148 63.6 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.249 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion: 75 Resp: 13069
 Ion Ratio Lower Upper
 75 100
 155 68.1 35.2 105.6
 157 88.0 45.8 137.3

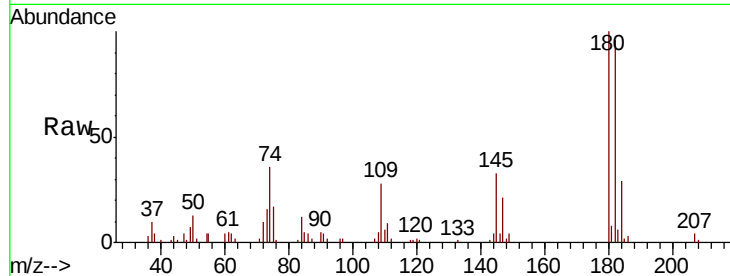




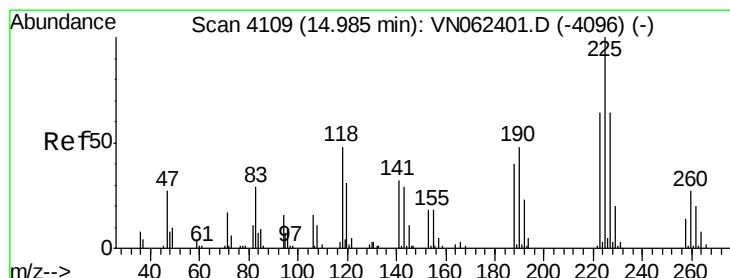
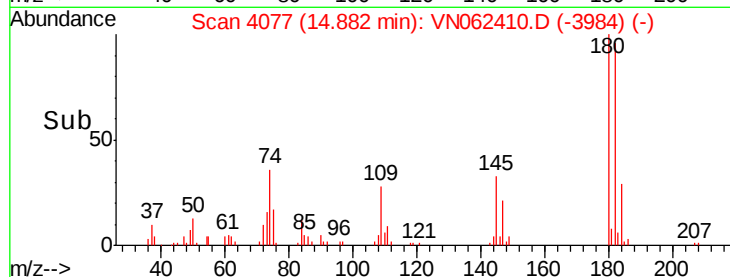
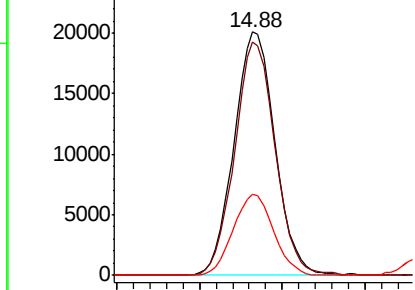
#93
 1,2,4-Trichlorobenzene
 Concen: 20.255 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0708WBS01

Tot Ion:180 Resp: 34442
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.4 145.2
 145 32.9 15.5 46.5

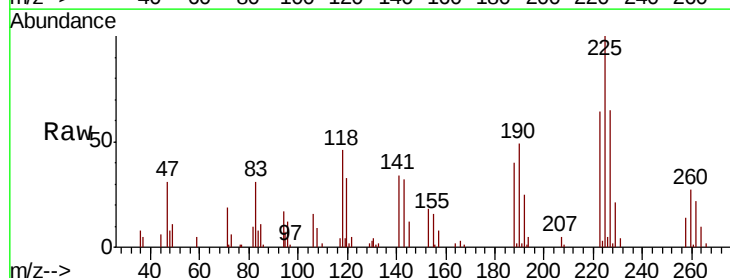


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

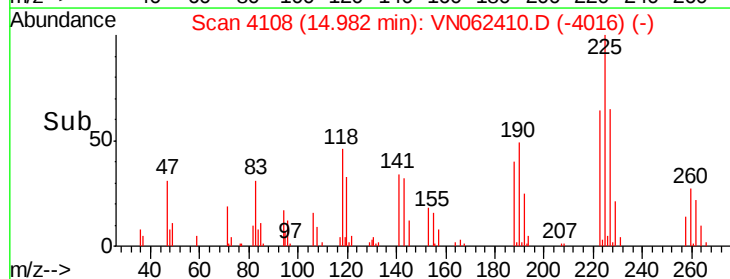
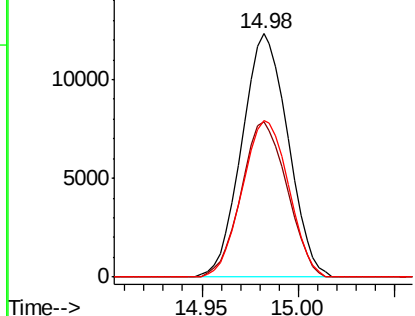


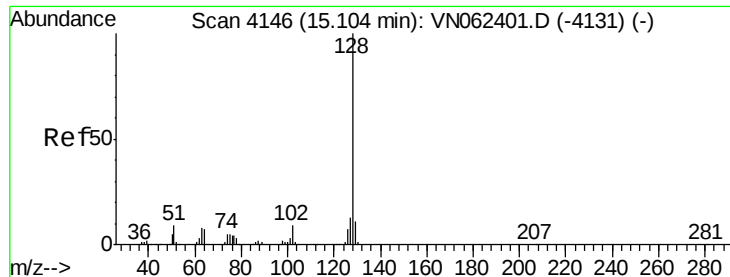
#94
 Hexachlorobutadiene
 Concen: 20.214 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062410.D
 Acq: 8 Jul 2020 16:14

Tgt Ion:225 Resp: 20400
 Ion Ratio Lower Upper
 225 100
 223 63.6 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: 19.991 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

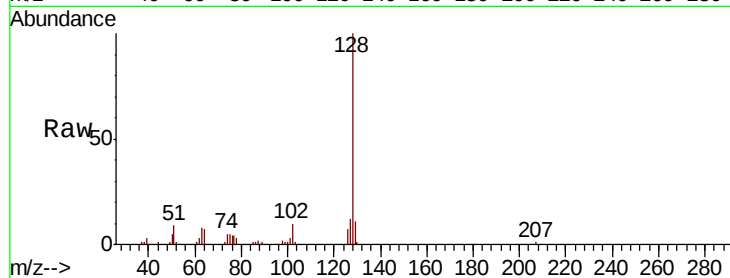
Tot Ion:128 Resp: 91944

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

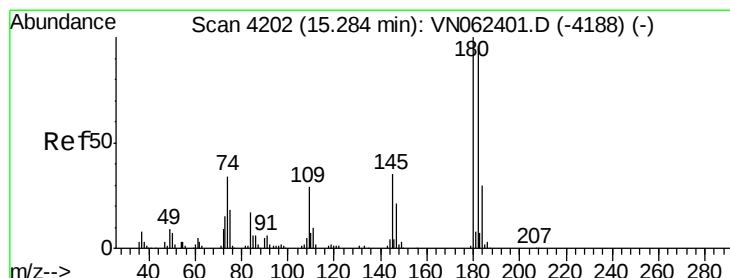
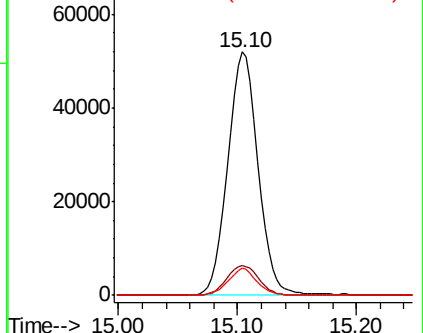
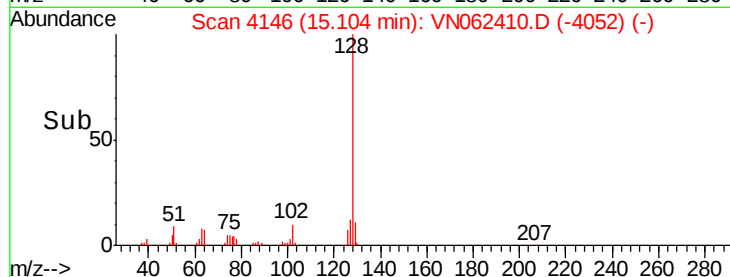
129 10.4 8.6 12.8



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: 19.414 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062410.D

Acq: 8 Jul 2020 16:14

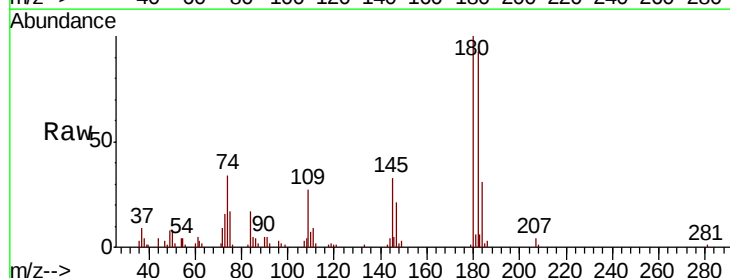
Tgt Ion:180 Resp: 35425

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.4

145 34.0 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

