

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064008.D
 Acq On : 9 Oct 2020 00:04
 Operator : JC/MD
 Sample : VN1008WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

Quant Time: Oct 09 04:09:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	268818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	445955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	212851	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.55	113	149600	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.06	98	541088	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.38	95	196035	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44855	15.814	ug/l	99
3) Chloromethane	2.04	50	56922	17.103	ug/l	99
4) Vinyl Chloride	2.16	62	57050	17.076	ug/l	100
5) Bromomethane	2.53	94	37318	17.759	ug/l	98
6) Chloroethane	2.67	64	37660	18.865	ug/l	97
7) Trichlorofluoromethane	2.98	101	91629	17.293	ug/l	95
8) Diethyl Ether	3.37	74	35113	19.595	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49320	17.415	ug/l	97
10) Methyl Iodide	3.91	142	53771	16.352	ug/l	97
11) Tert butyl alcohol	4.73	59	59004	120.341	ug/l	100
12) 1,1-Dichloroethene	3.70	96	47098	17.399	ug/l	99
13) Acrolein	3.57	56	35076	116.561	ug/l	96
14) Allyl chloride	4.28	41	102041	20.291	ug/l	86
15) Acrylonitrile	4.93	53	153718	109.527	ug/l	100
16) Acetone	3.78	43	141174	103.265	ug/l	98
17) Carbon Disulfide	4.01	76	122927	17.267	ug/l	100
18) Methyl Acetate	4.28	43	79149	22.298	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	187334	19.048	ug/l	100
20) Methylene Chloride	4.51	84	61207	19.606	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	52862	17.434	ug/l	95
22) Diisopropyl ether	5.90	45	215244	20.803	ug/l	93
23) Vinyl Acetate	5.85	43	851129	99.305	ug/l	98
24) 1,1-Dichloroethane	5.79	63	113942	19.260	ug/l	98
25) 2-Butanone	6.78	43	218637	112.803	ug/l	98
26) 2,2-Dichloropropane	6.78	77	80951	14.942	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	62989	18.063	ug/l	99
28) Bromochloromethane	7.15	49	55319	18.919	ug/l	96
29) Tetrahydrofuran	7.17	42	148033	113.876	ug/l	97
30) Chloroform	7.33	83	118646	19.234	ug/l	94
31) Cyclohexane	7.62	56	89900	17.437	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	102585	18.438	ug/l	98
36) 1,1-Dichloropropene	7.75	75	77551	17.165	ug/l	99
37) Ethyl Acetate	6.88	43	94292	21.007	ug/l	97
38) Carbon Tetrachloride	7.73	117	87248	17.222	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	68796	15.269	ug/l	94
40) Benzene	8.00	78	242065	18.758	ug/l	100
41) Methacrylonitrile	7.16	41	141072	70.715	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	101548	18.435	ug/l	100
43) Isopropyl Acetate	8.13	43	150248	20.293	ug/l	99
44) Trichloroethene	8.80	130	59860	17.704	ug/l	99
45) 1,2-Dichloropropane	9.08	63	68115	19.545	ug/l	99
46) Dibromomethane	9.17	93	44938	18.692	ug/l	97
47) Bromodichloromethane	9.37	83	94226	19.017	ug/l	99
48) Methyl methacrylate	9.17	41	75020	20.509	ug/l	90
49) 1,4-Dioxane	9.17	88	24391	469.168	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	486511	111.973	ug/l	100
52) Toluene	10.12	92	148984	18.665	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	92396	17.396	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	98904	17.805	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62142	19.413	ug/l	99
56) Ethyl methacrylate	10.40	69	87219	19.223	ug/l	94
57) 1,3-Dichloropropane	10.68	76	106673	19.698	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	235387	96.985	ug/l	97
59) 2-Hexanone	10.72	43	345256	106.967	ug/l	100
60) Dibromochloromethane	10.87	129	67704	18.162	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62559	19.106	ug/l	98
64) Tetrachloroethene	10.60	164	54775	16.979	ug/l	96
65) Chlorobenzene	11.41	112	155348	18.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	62868	19.171	ug/l	100
67) Ethyl Benzene	11.49	91	278482	17.892	ug/l	99
68) m/p-Xylenes	11.59	106	203503	35.081	ug/l	100
69) o-Xylene	11.92	106	96569	17.811	ug/l	99
70) Styrene	11.94	104	164771	17.903	ug/l	100
71) Bromoform	12.10	173	46663	18.606	ug/l #	99
73) Isopropylbenzene	12.22	105	256058	18.650	ug/l	99
74) N-amyl acetate	12.05	43	123821	20.759	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	90107	21.462	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	119264	28.742	ug/l #	100
77) Bromobenzene	12.50	156	66546	19.753	ug/l	97
78) n-propylbenzene	12.57	91	287995	18.023	ug/l	100
79) 2-Chlorotoluene	12.65	91	183812	18.704	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	214684	18.638	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25680	17.824	ug/l	94
82) 4-Chlorotoluene	12.75	91	187043	18.334	ug/l	98
83) tert-Butylbenzene	12.97	119	171750	18.229	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	217325	18.897	ug/l	99
85) sec-Butylbenzene	13.15	105	225829	18.248	ug/l	100
86) p-Isopropyltoluene	13.26	119	194154	17.734	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108969	17.879	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	113065	17.816	ug/l	99
89) n-Butylbenzene	13.59	91	154309	15.271	ug/l	99
90) Hexachloroethane	13.85	117	38854	18.315	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	111546	18.477	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	18201	18.485	ug/l	91

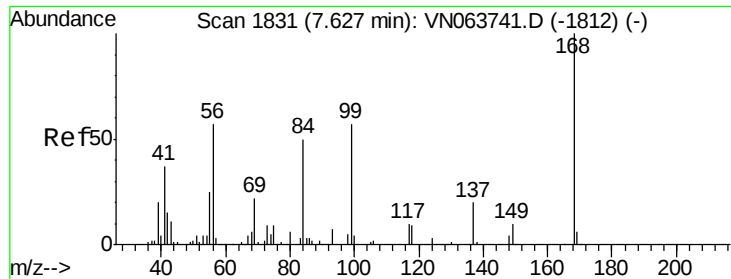
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	45256	15.044	ug/l	99
94) Hexachlorobutadiene	14.98	225	28961	17.737	ug/l	96
95) Naphthalene	15.10	128	137787	14.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46707	15.778	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

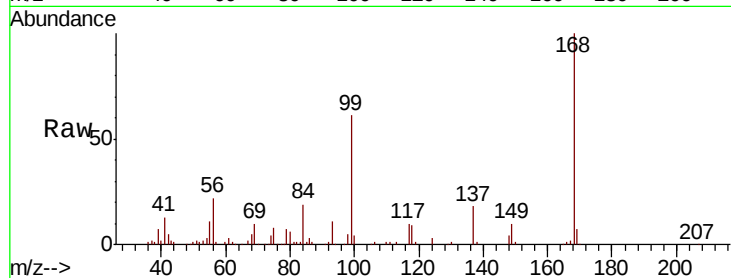
VN1008WBS02

Tot Ion:168 Resp: 268818

Ion Ratio Lower Upper

168 100

99 60.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

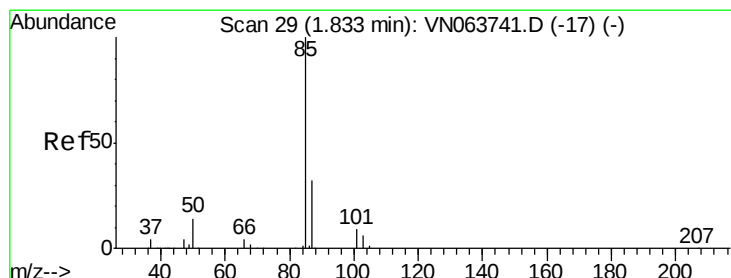
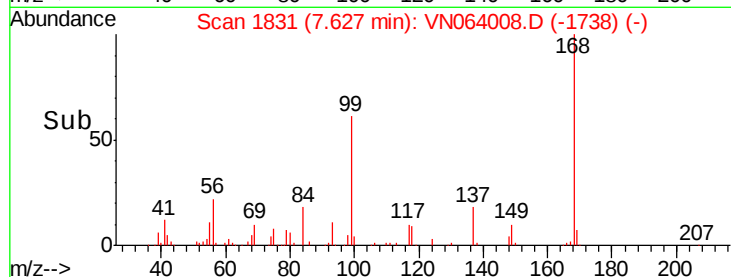
60000

40000

20000

0

Time--> 7.55 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 15.814 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064008.D

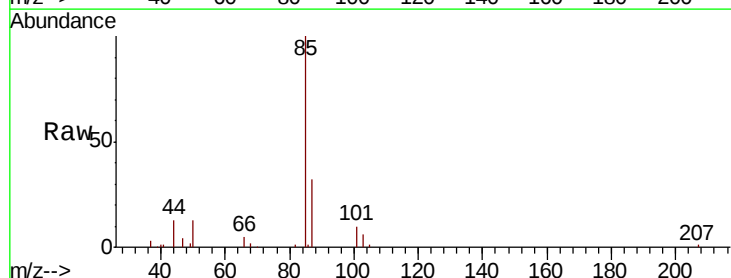
Acq: 9 Oct 2020 00:04

Tgt Ion: 85 Resp: 44855

Ion Ratio Lower Upper

85 100

87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

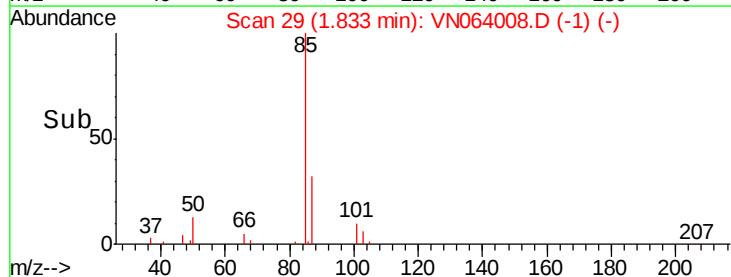
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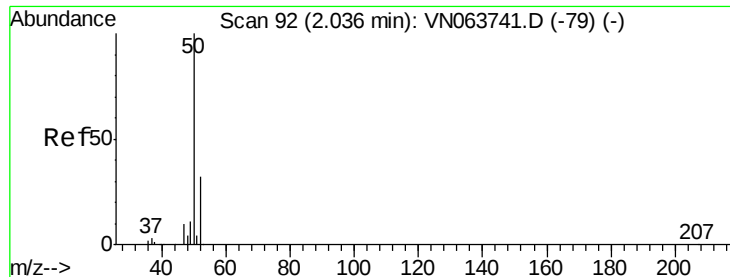
20000

10000

0

Time--> 1.75 1.80 1.85 1.90

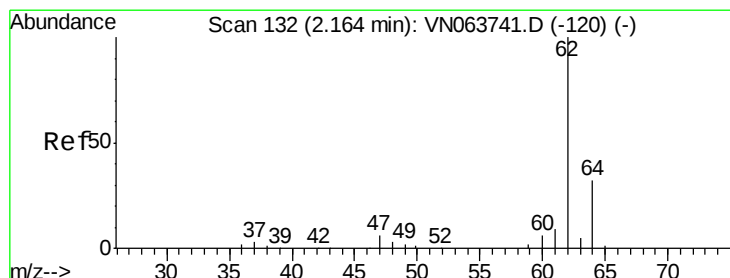
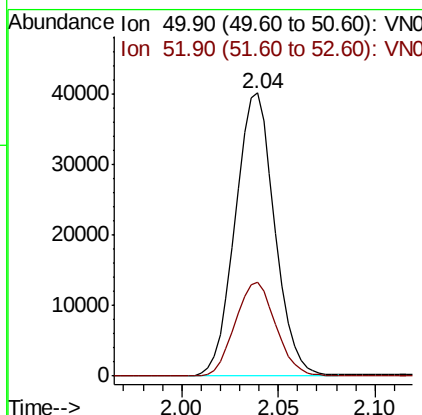
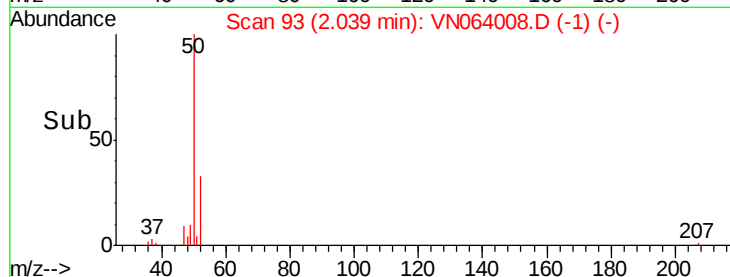
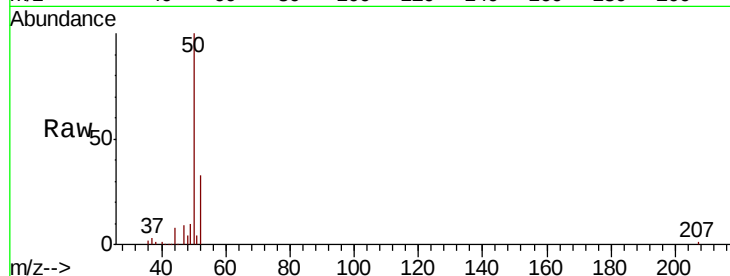




#3
Chloromethane
Concen: 17.103 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

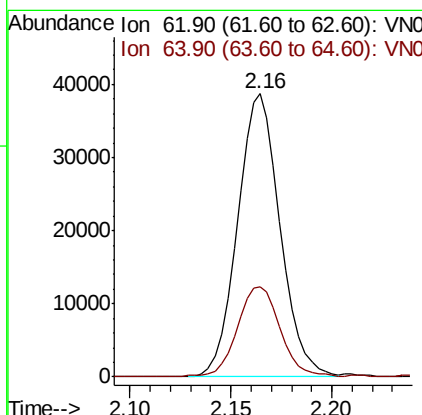
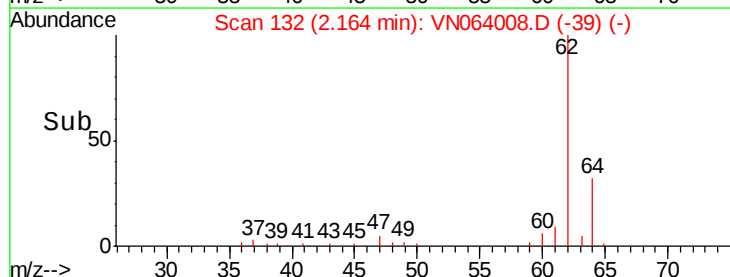
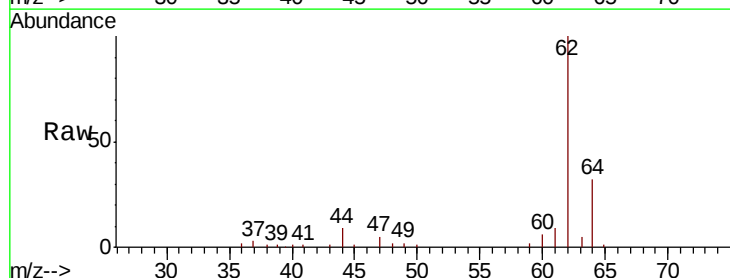
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

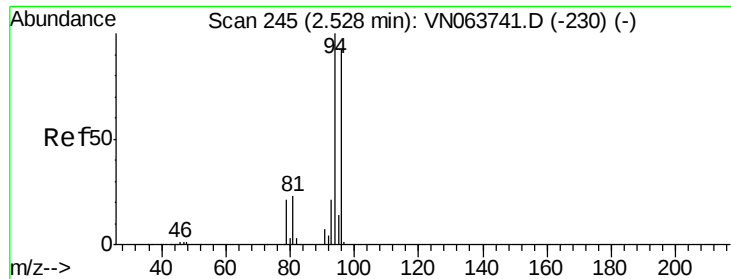
Tot Ion: 50 Resp: 56922
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.8



#4
Vinyl Chloride
Concen: 17.076 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 62 Resp: 57050
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4





#5

Bromomethane

Concen: 17.759 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

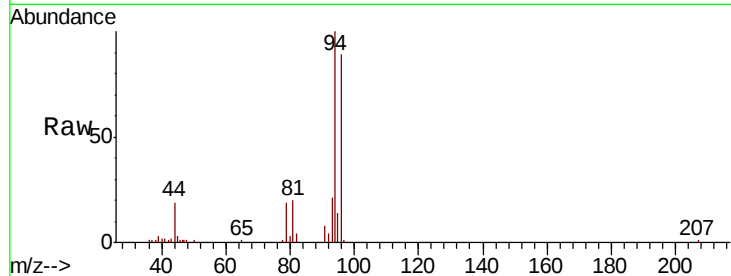
VN1008WBS02

Tot Ion: 94 Resp: 37318

Ion Ratio Lower Upper

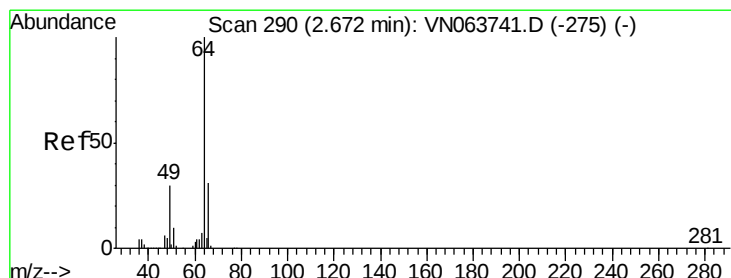
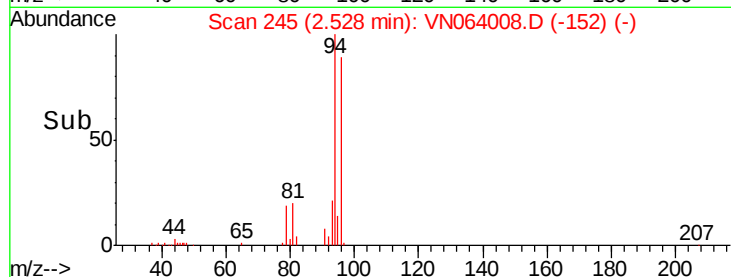
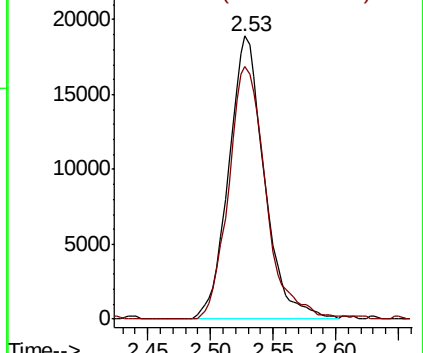
94 100

96 89.3 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.865 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064008.D

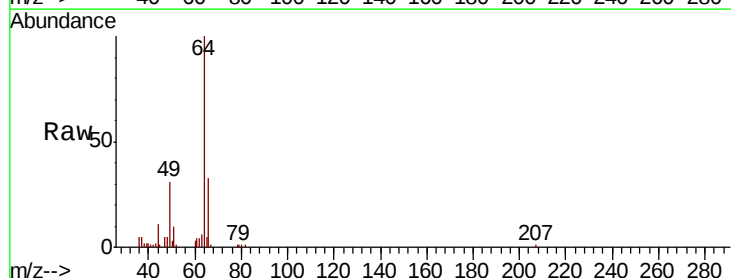
Acq: 9 Oct 2020 00:04

Tgt Ion: 64 Resp: 37660

Ion Ratio Lower Upper

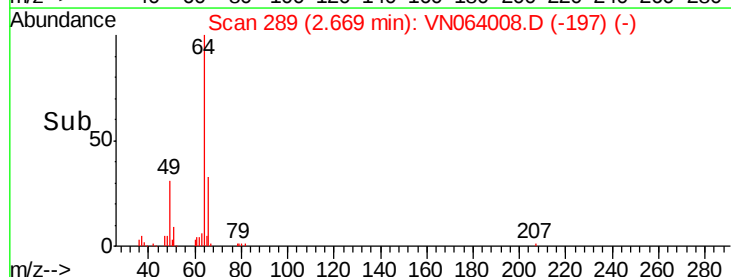
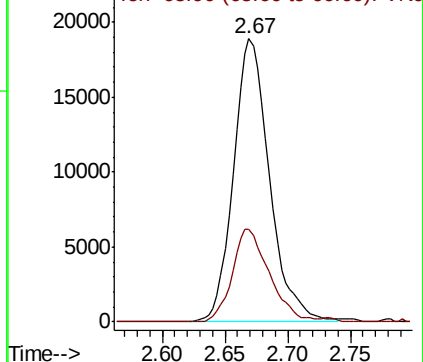
64 100

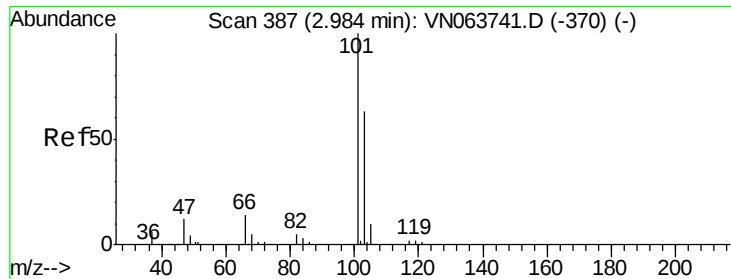
66 32.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



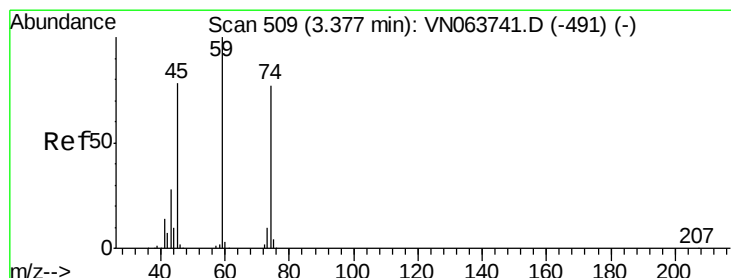
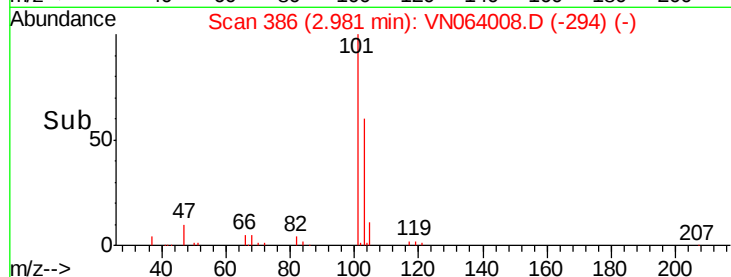
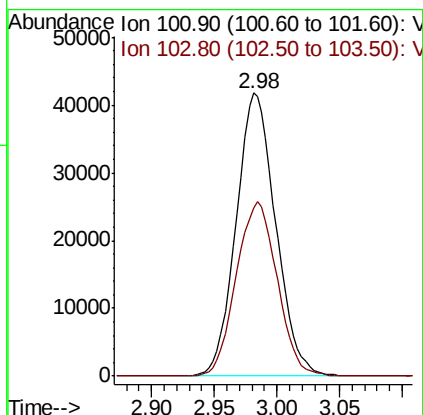
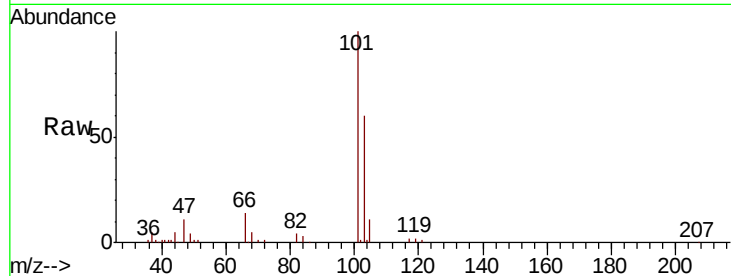


#7

Trichlorofluoromethane
 Concen: 17.293 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Instrument :
 MSVOA_N
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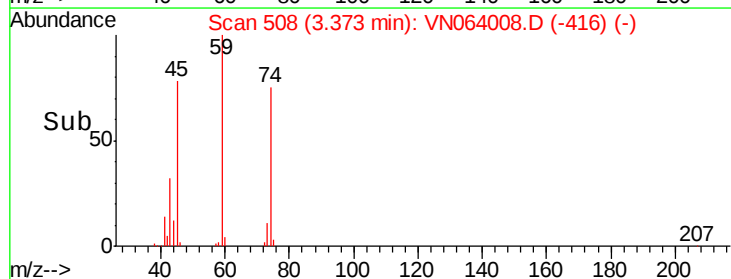
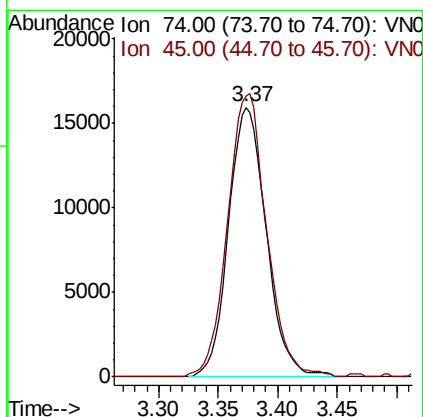
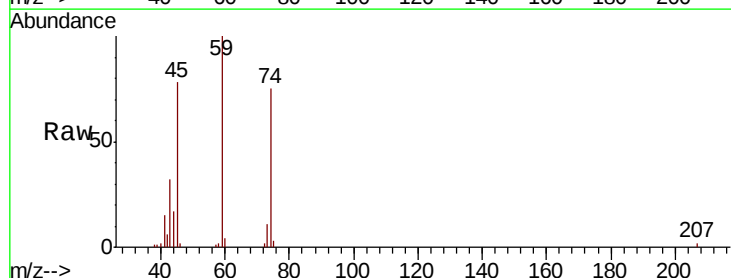
Tot Ion:101 Resp: 91629
 Ion Ratio Lower Upper
 101 100
 103 59.6 50.7 76.1

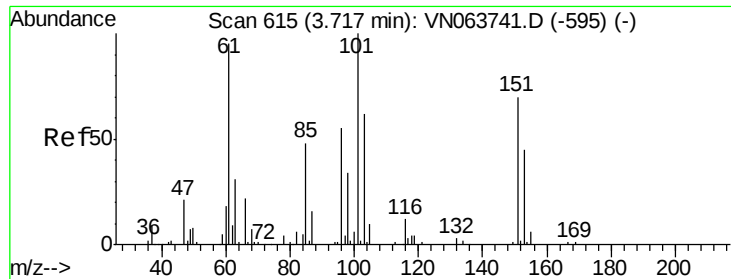


#8

Diethyl Ether
 Concen: 19.595 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion: 74 Resp: 35113
 Ion Ratio Lower Upper
 74 100
 45 108.3 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.415 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS02

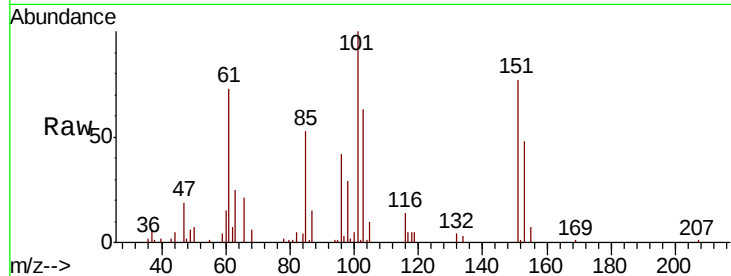
Tot Ion:101 Resp: 49320

Ion Ratio Lower Upper

101 100

85 47.6 38.6 58.0

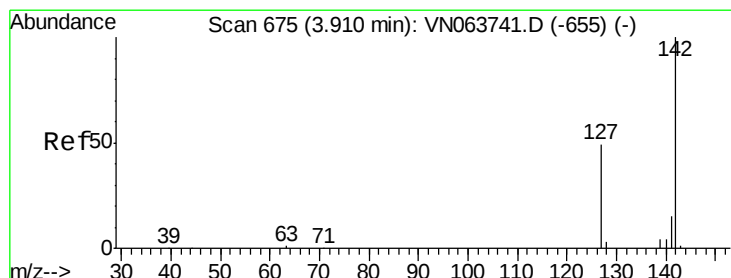
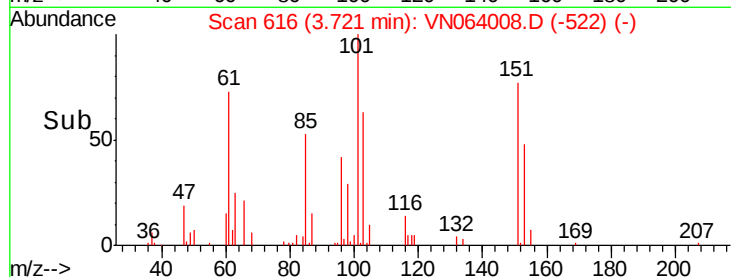
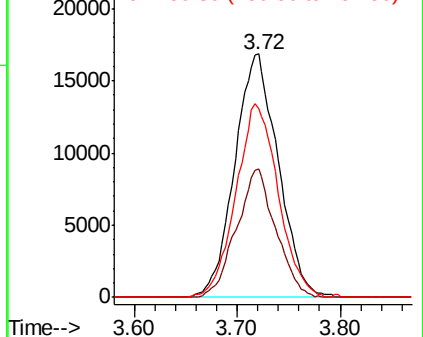
151 77.3 58.7 88.1



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: 16.352 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

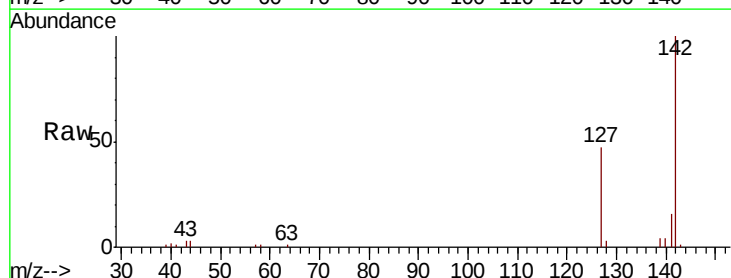
Tgt Ion:142 Resp: 53771

Ion Ratio Lower Upper

142 100

127 48.3 40.5 60.7

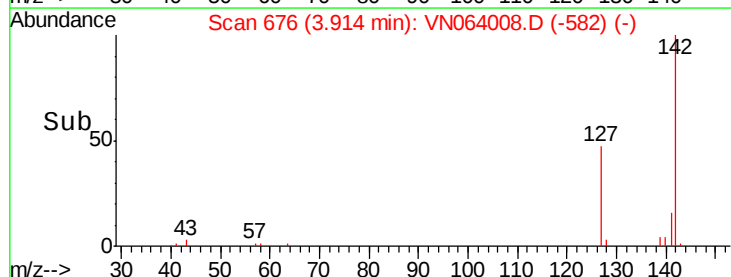
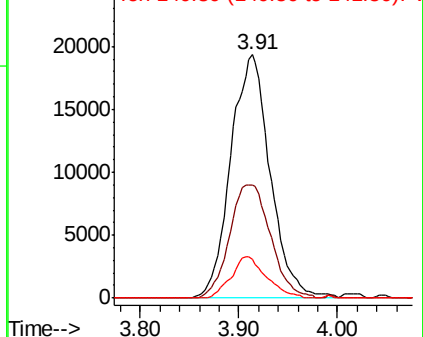
141 15.2 11.7 17.5

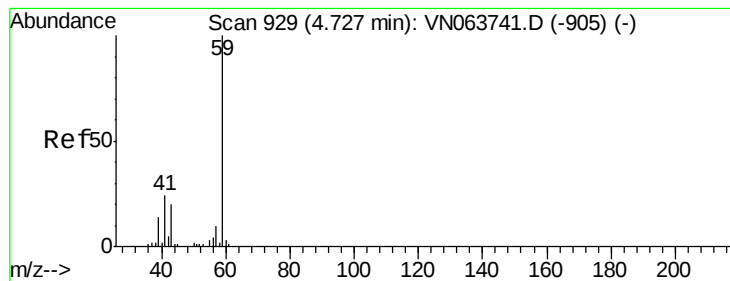


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



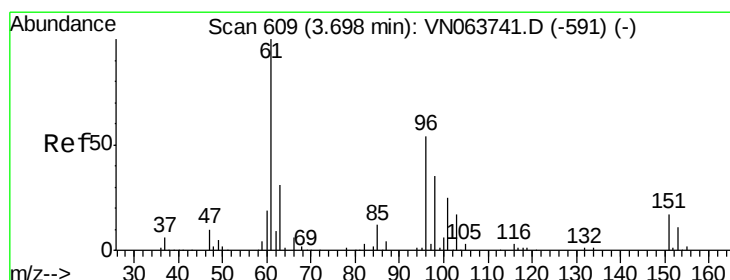
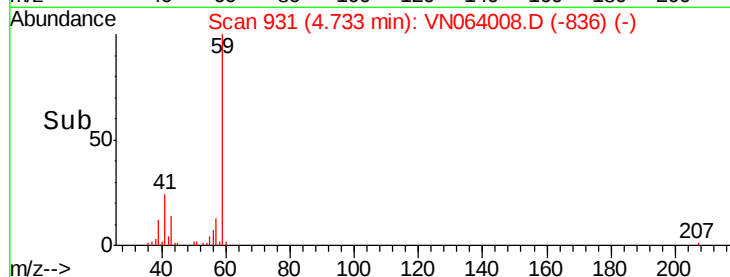
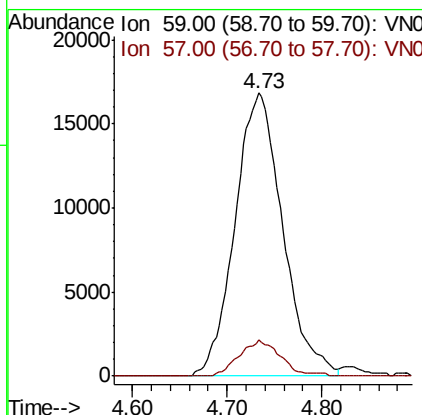
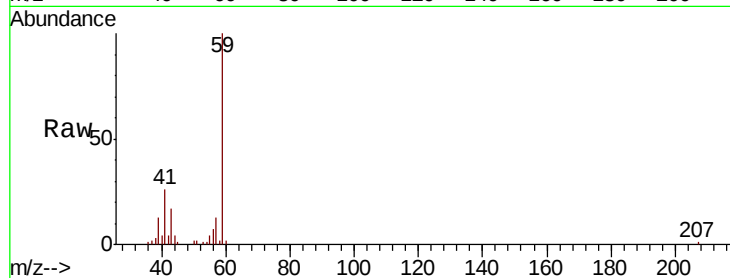


#11

Tert butyl alcohol
Concen: 120.341 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

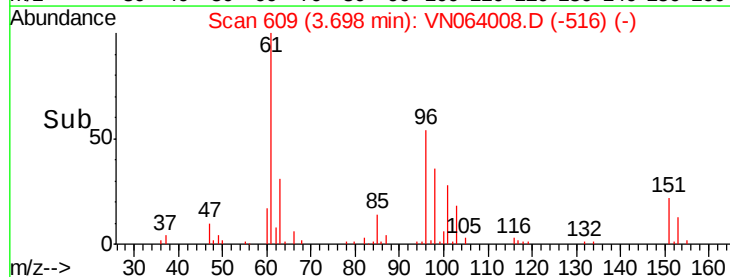
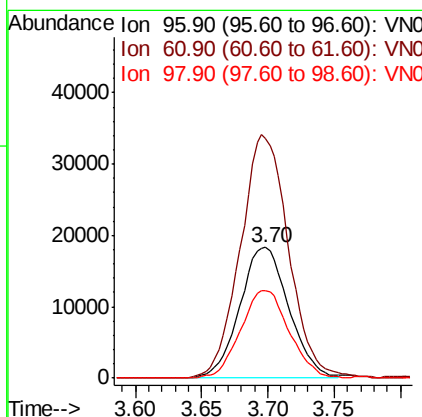
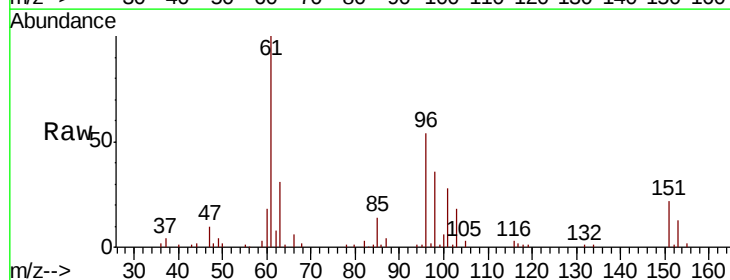
Tot Ion: 59 Resp: 59004
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

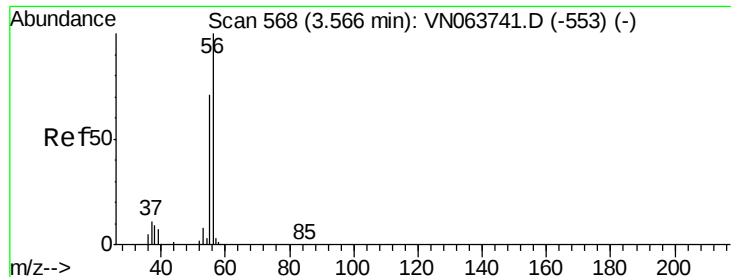


#12

1,1-Dichloroethene
Concen: 17.399 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 96 Resp: 47098
Ion Ratio Lower Upper
96 100
61 183.5 147.7 221.5
98 66.6 51.9 77.9

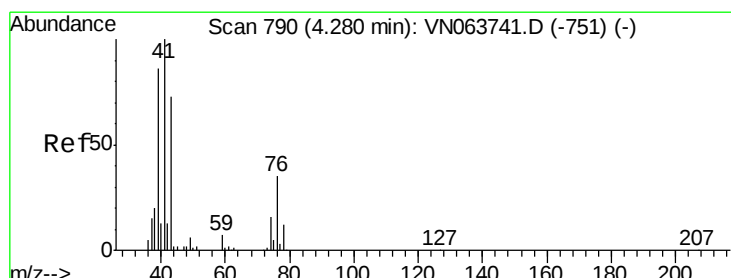
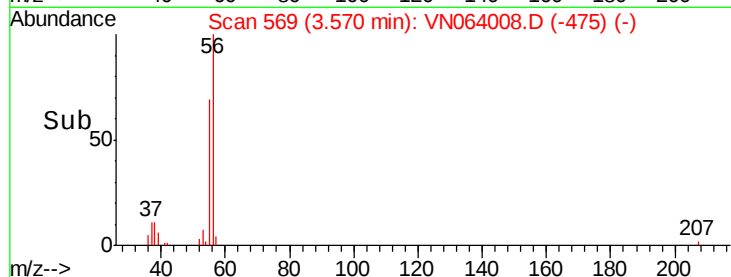
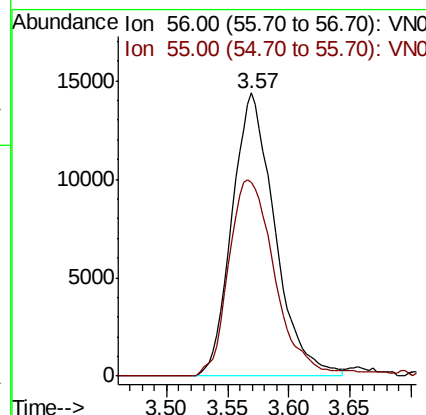
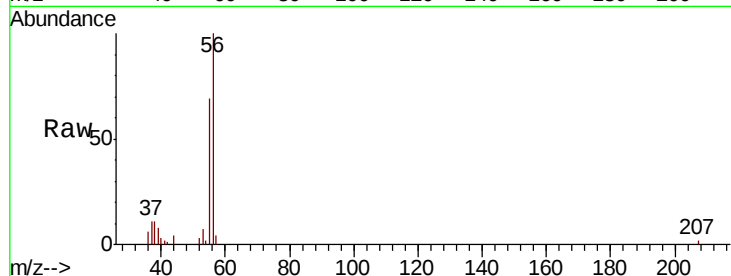




#13
 Acrolein
 Concen: 116.561 ug/l
 RT: 3.57 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

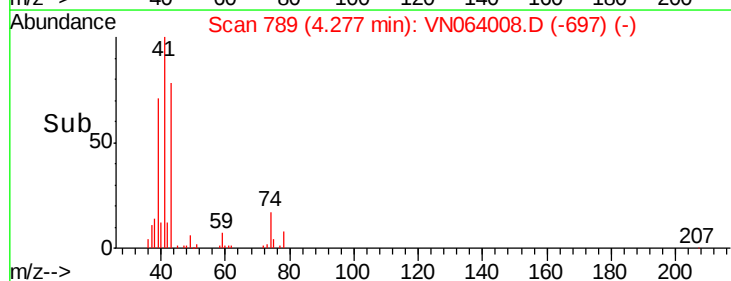
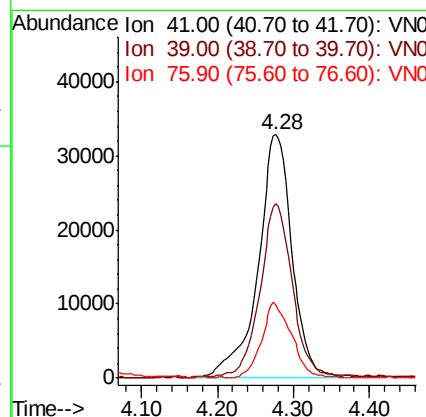
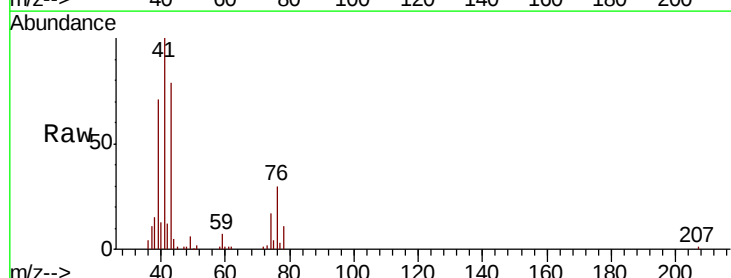
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

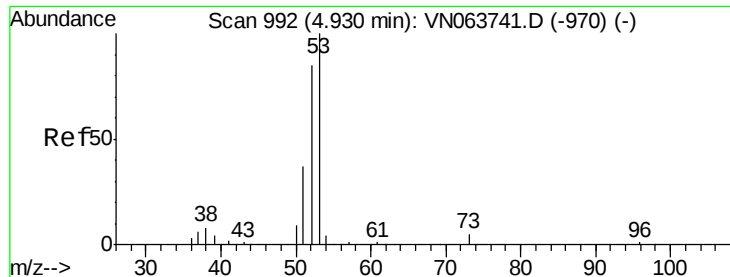
Tot Ion: 56 Resp: 35076
 Ion Ratio Lower Upper
 56 100
 55 74.1 56.9 85.3



#14
 Allyl chloride
 Concen: 20.291 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion: 41 Resp: 102041
 Ion Ratio Lower Upper
 41 100
 39 66.4 64.5 96.7
 76 27.4 25.9 38.9





#15

Acrylonitrile

Concen: 109.527 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS02

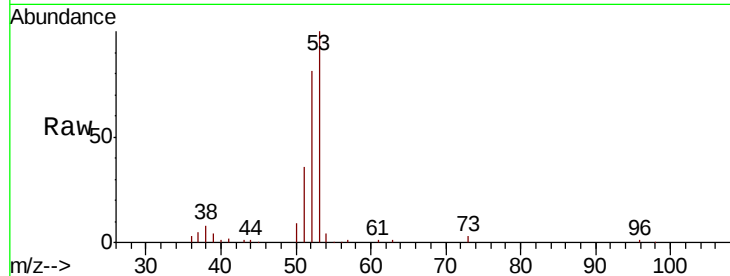
Tot Ion: 53 Resp: 153718

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

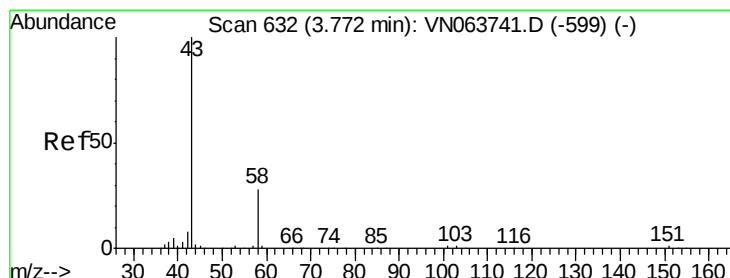
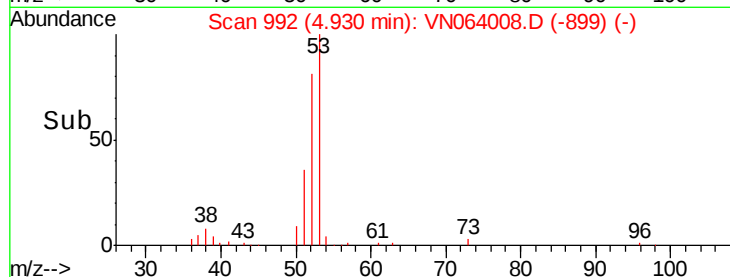
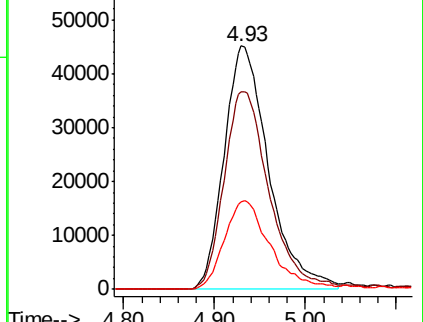
51 37.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064008.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN064008.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN064008.D (-899) (-)



#16

Acetone

Concen: 103.265 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064008.D

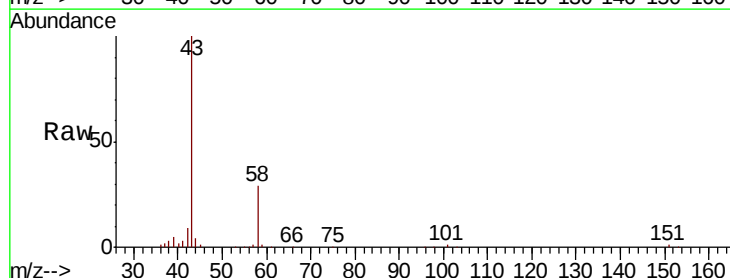
Acq: 9 Oct 2020 00:04

Tgt Ion: 43 Resp: 141174

Ion Ratio Lower Upper

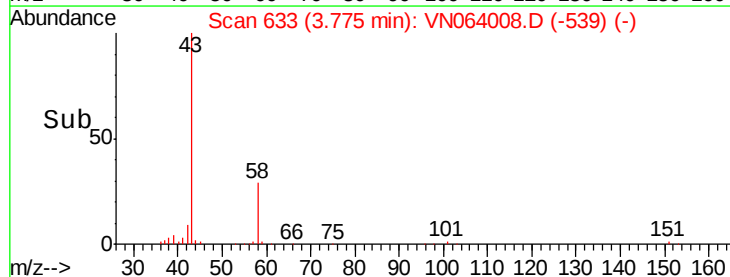
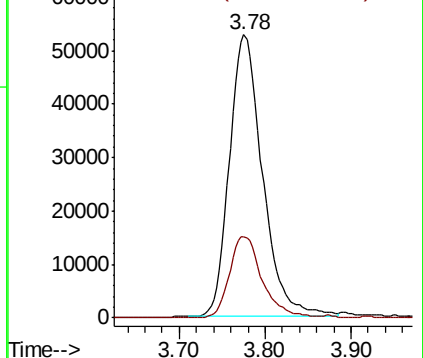
43 100

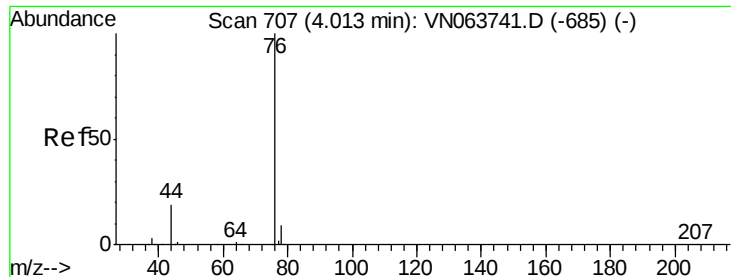
58 28.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN064008.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN064008.D (-539) (-)

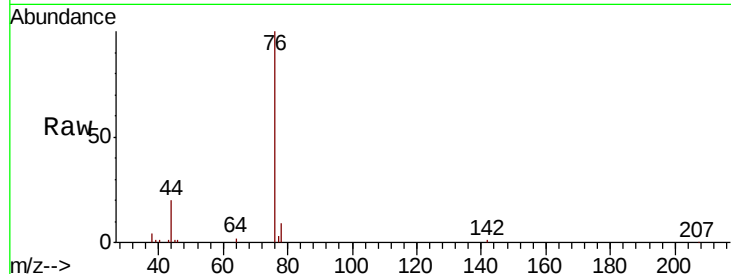




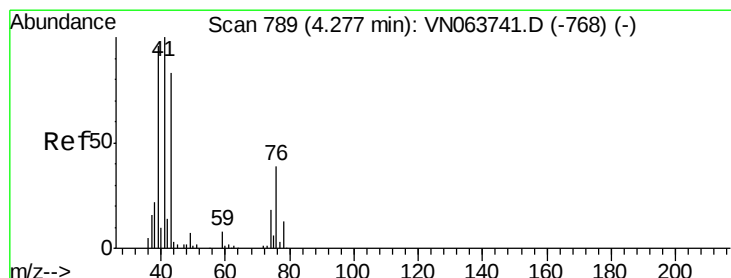
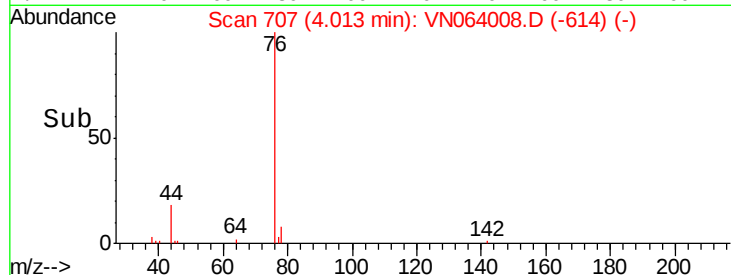
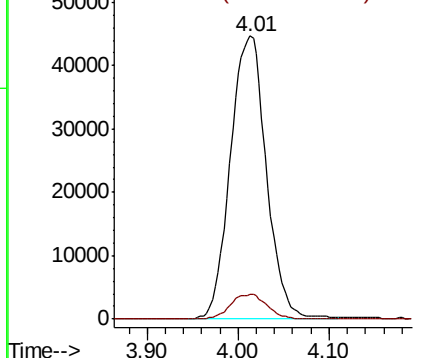
#17
Carbon Disulfide
Concen: 17.267 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

Tot Ion: 76 Resp: 122927
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

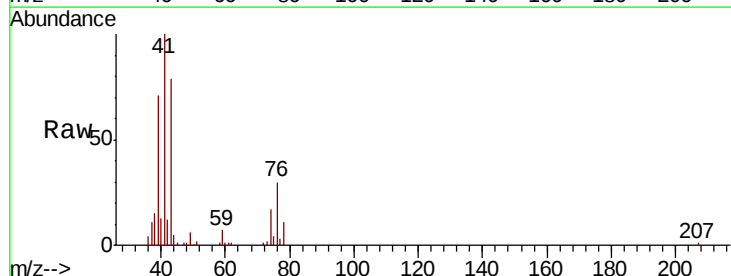


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

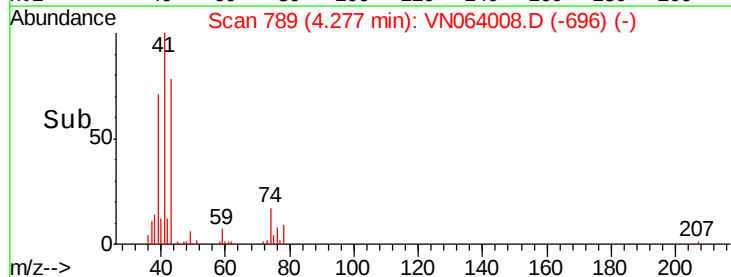
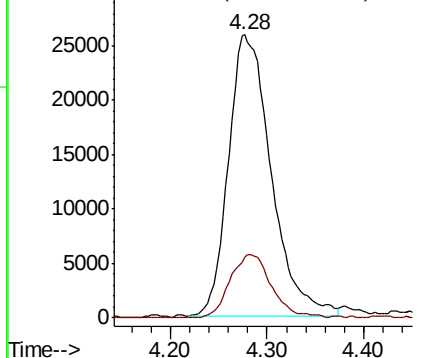


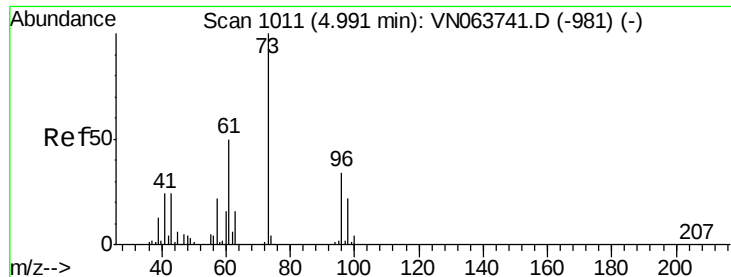
#18
Methyl Acetate
Concen: 22.298 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 43 Resp: 79149
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



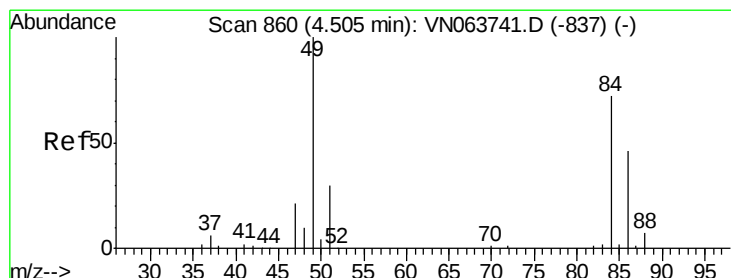
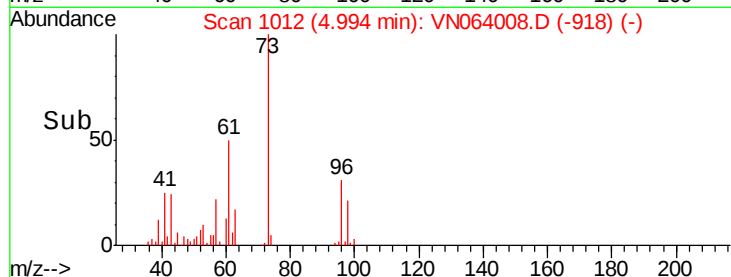
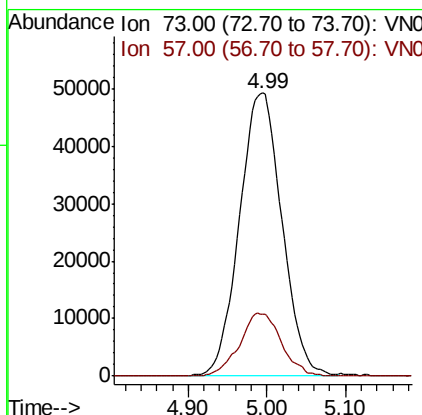
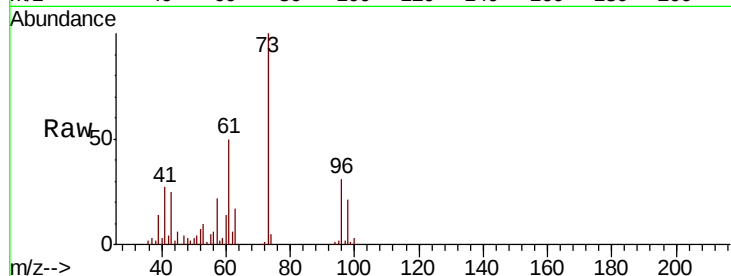


#19

Methyl tert-butyl Ether
 Concen: 19.048 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Instrument :
 MSVOA_N
 ClientSampled :
 VN1008WBS02

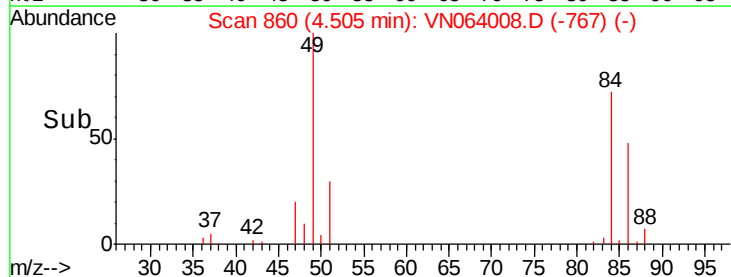
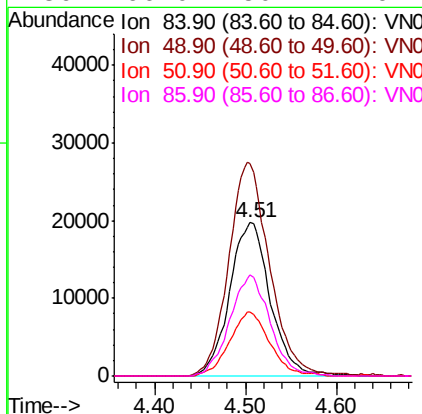
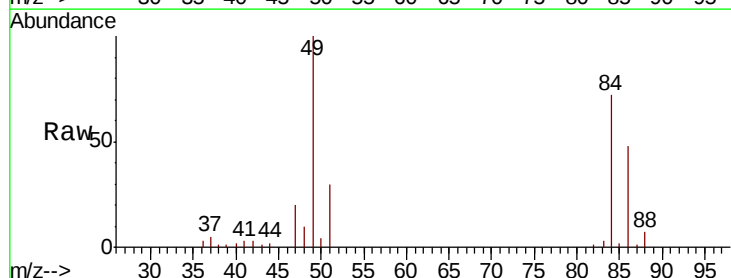
Tot Ion: 73 Resp: 187334
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4

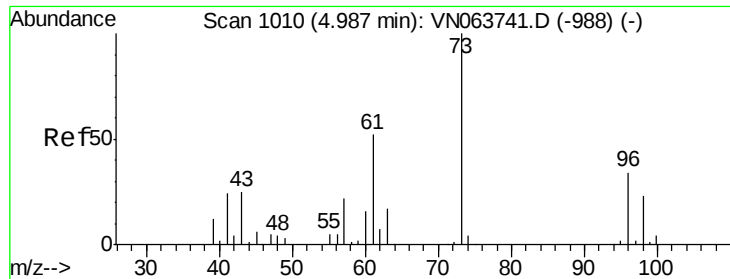


#20

Methylene Chloride
 Concen: 19.606 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion: 84 Resp: 61207
 Ion Ratio Lower Upper
 84 100
 49 138.6 110.4 165.6
 51 42.1 33.3 49.9
 86 66.0 50.7 76.1

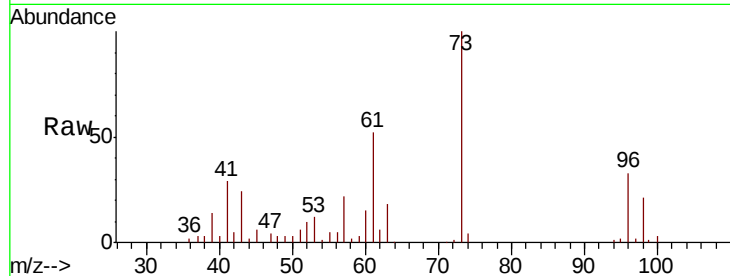




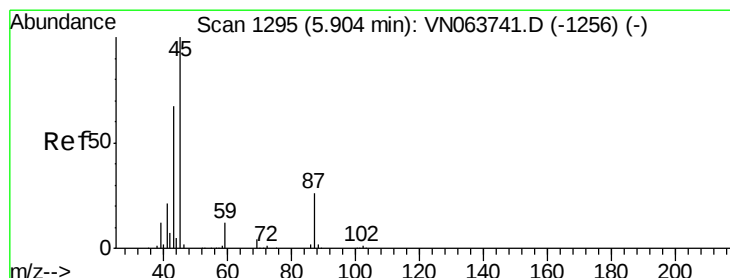
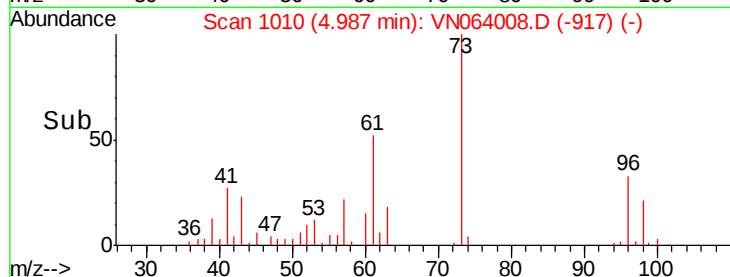
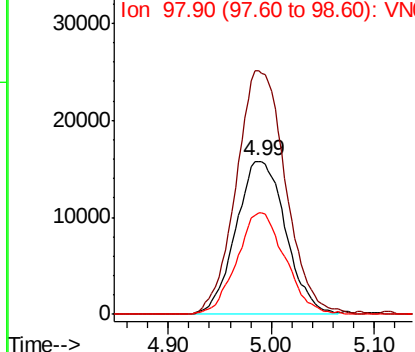
#21
trans-1,2-Dichloroethene
Concen: 17.434 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

Tot Ion: 96 Resp: 52862
Ion Ratio Lower Upper
96 100
61 158.8 120.2 180.2
98 65.8 52.6 79.0

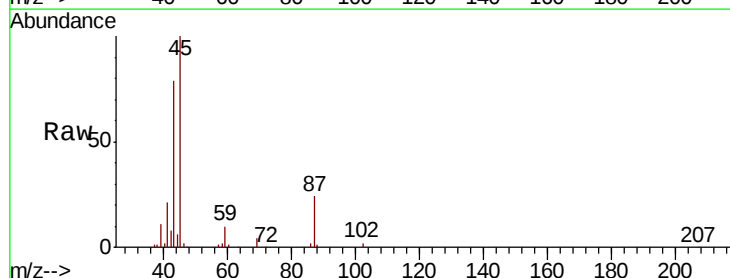


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

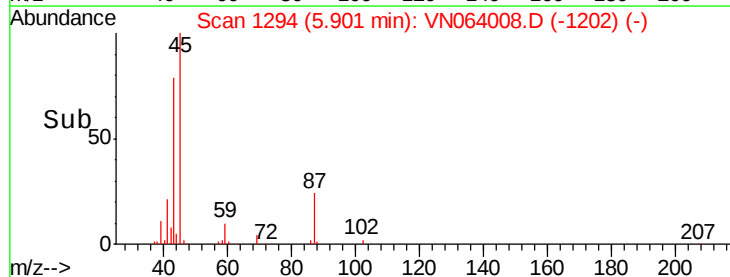
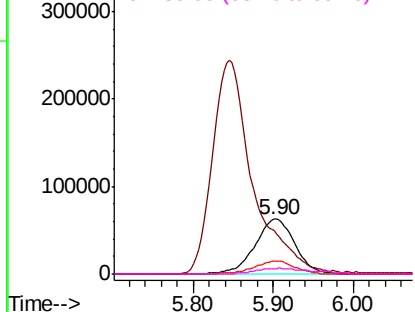


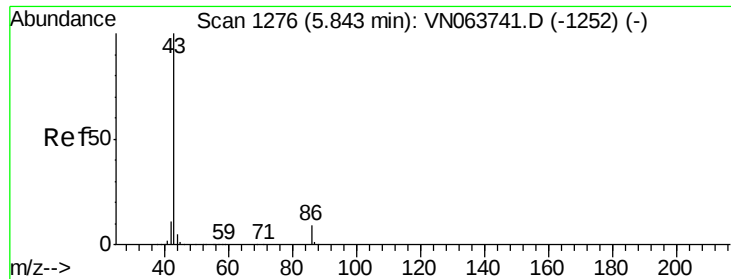
#22
Diisopropyl ether
Concen: 20.803 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 45 Resp: 215244
Ion Ratio Lower Upper
45 100
43 74.6 53.7 80.5
87 24.4 21.1 31.7
59 10.1 9.2 13.8



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: 99.305 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampled :

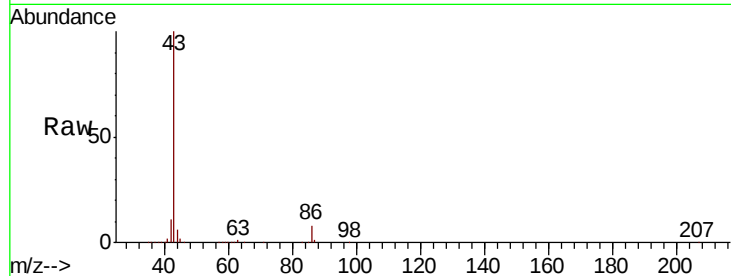
VN1008WBS02

Tot Ion: 43 Resp: 851129

Ion Ratio Lower Upper

43 100

86 8.4 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN063741.D (-1252) (-)

5.85

250000

200000

150000

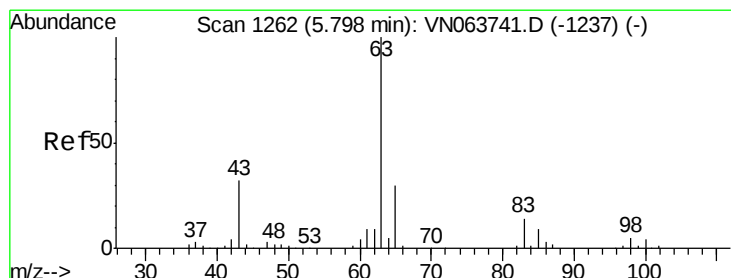
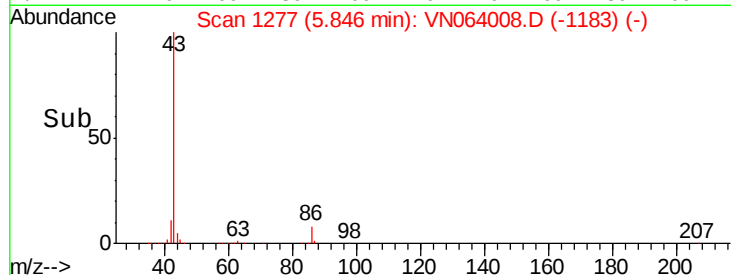
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.260 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

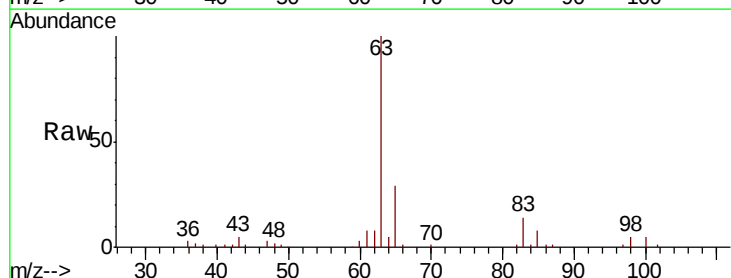
Tgt Ion: 63 Resp: 113942

Ion Ratio Lower Upper

63 100

98 4.7 2.7 8.1

100 4.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN063741.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN063741.D (-1237) (-)

5.79

40000

30000

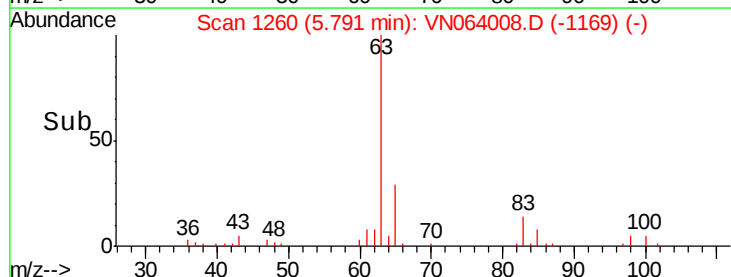
20000

10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 112.803 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

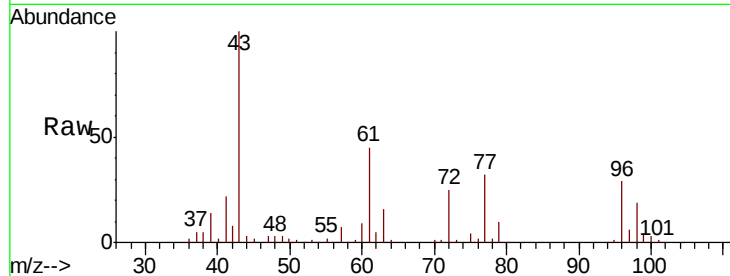
VN1008WBS02

Tot Ion: 43 Resp: 218637

Ion Ratio Lower Upper

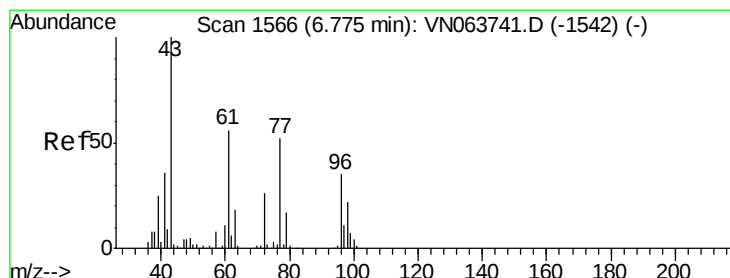
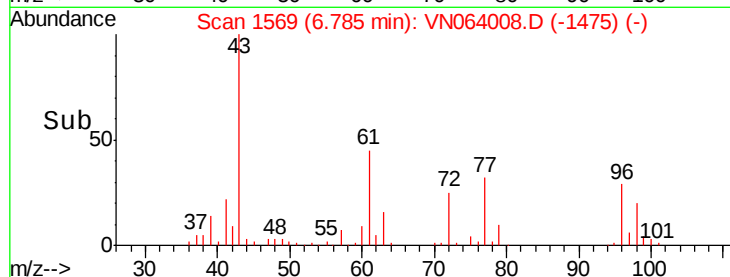
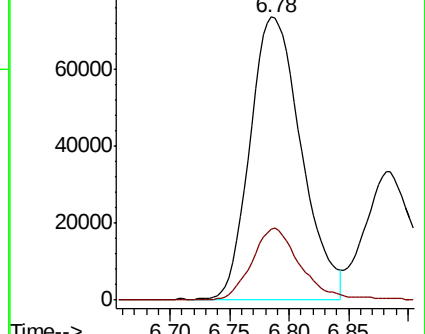
43 100

72 25.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1547) (-)



#26

2,2-Dichloropropane

Concen: 14.942 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064008.D

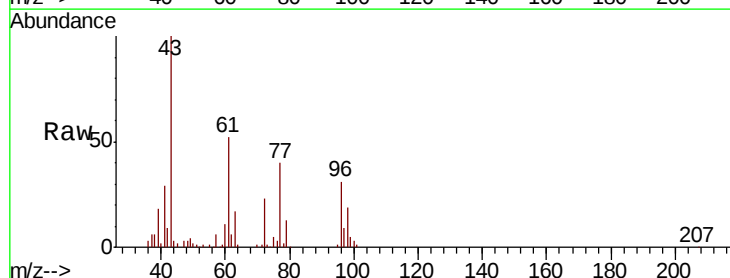
Acq: 9 Oct 2020 00:04

Tgt Ion: 77 Resp: 80951

Ion Ratio Lower Upper

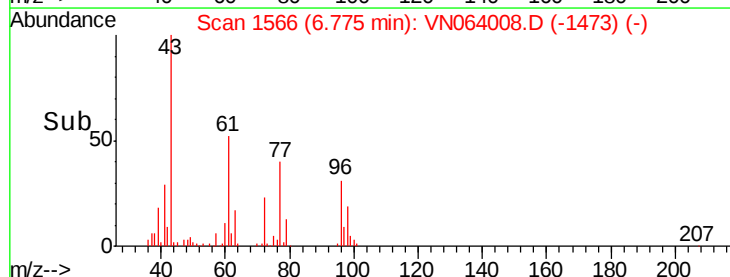
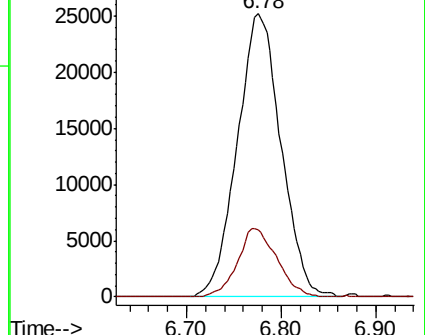
77 100

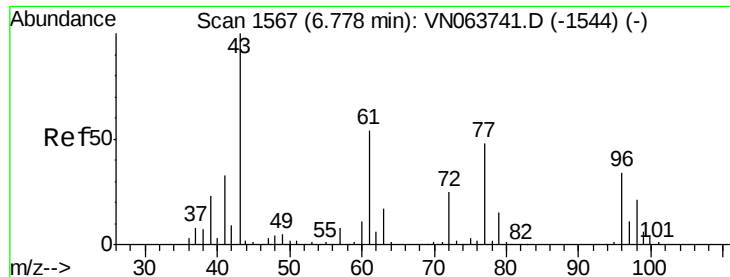
97 21.7 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN063741.D (-1542) (-)

Ion 96.90 (96.60 to 97.60): VN063741.D (-1542) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.063 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

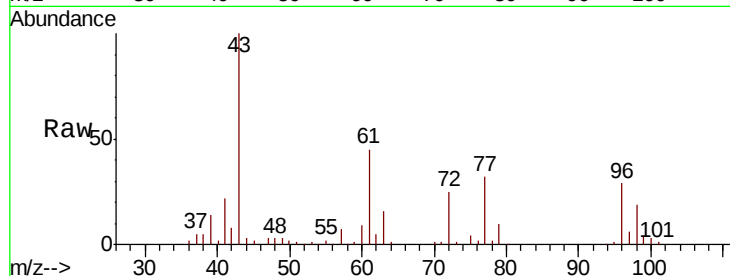
MSVOA_N

ClientSampleId :

VN1008WBS02

Tot Ion: 96 Resp: 62989

Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	321.2
98	63.6	0.0	124.4

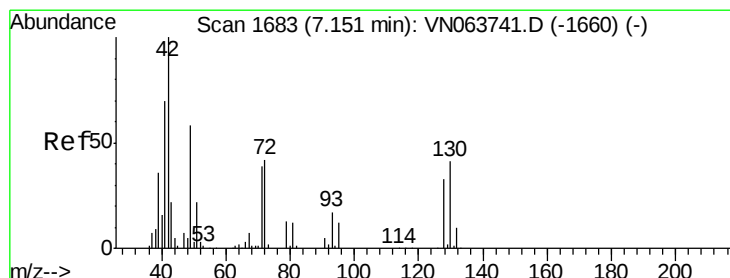
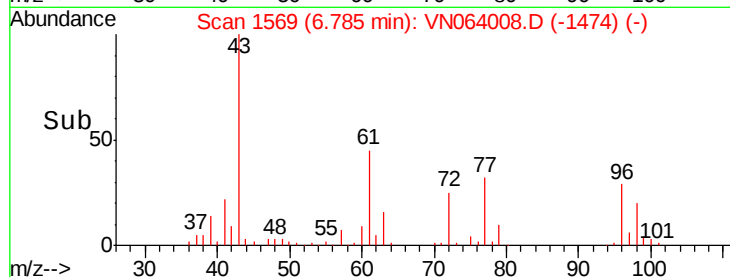
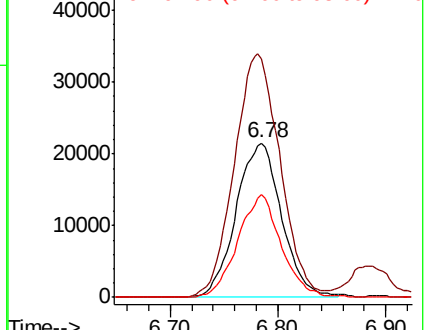


Abundance

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: 18.919 ug/l

RT: 7.15 min Scan# 1683

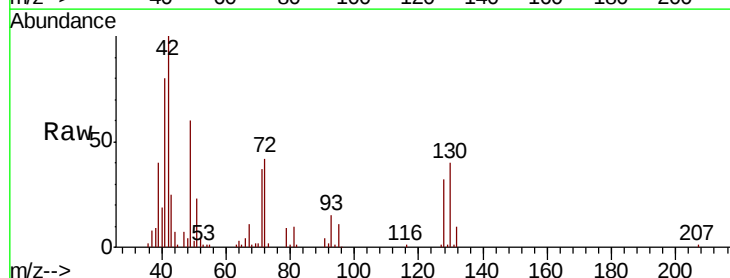
Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Tgt Ion: 49 Resp: 55319

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	65.9	55.6	83.4

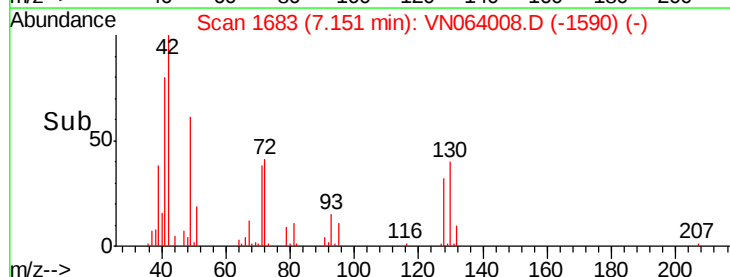
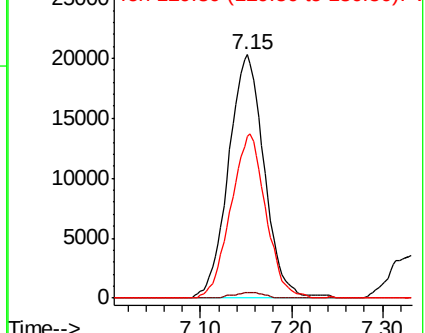


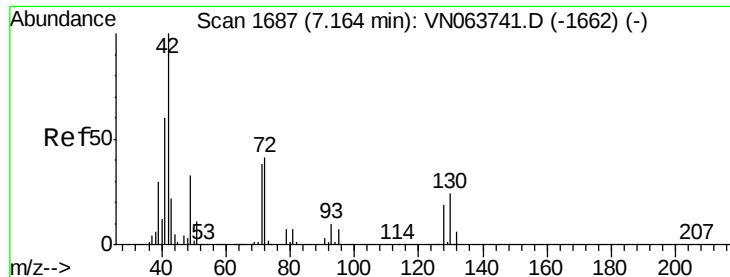
Abundance

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

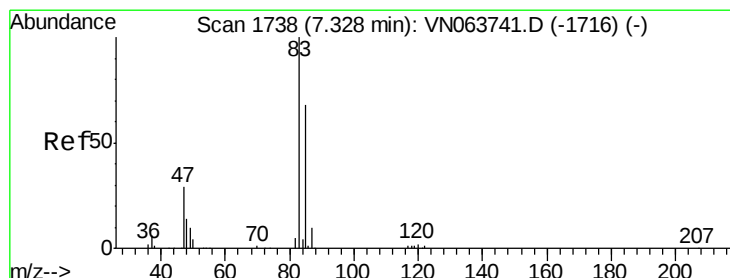
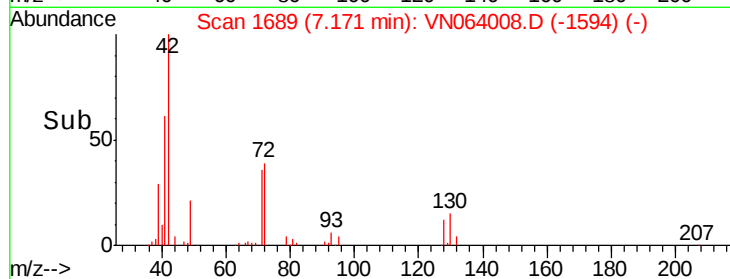
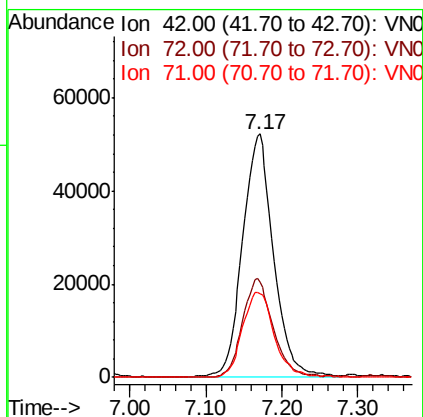
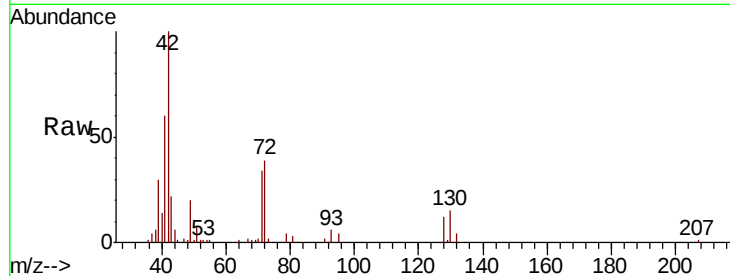




#29
Tetrahydrofuran
Concen: 113.876 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

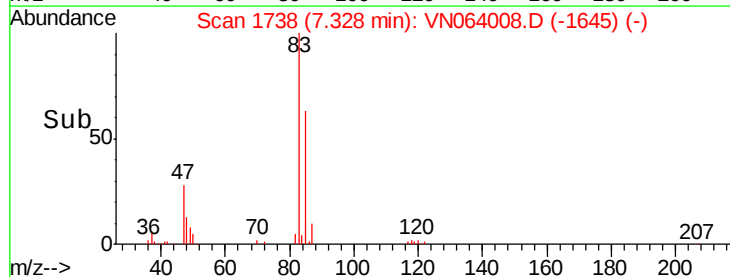
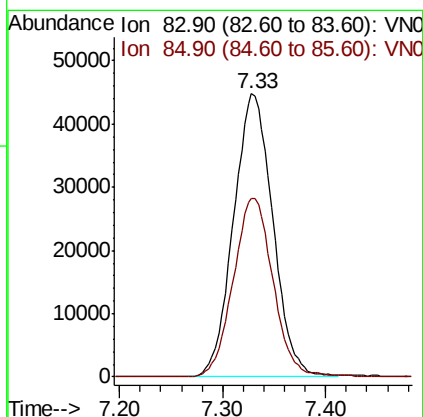
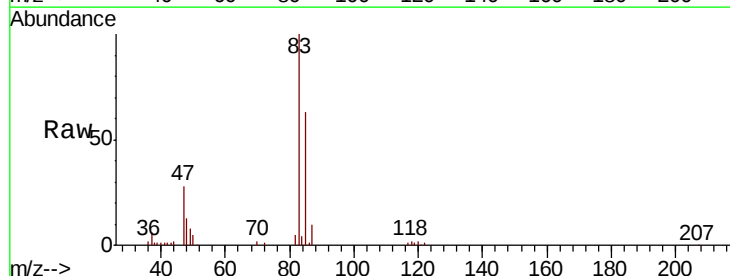
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

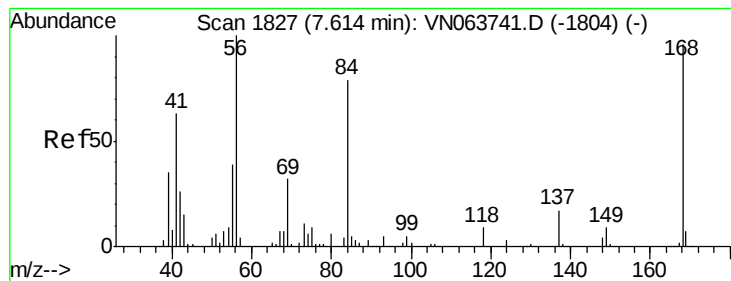
Tot Ion: 42 Resp: 148033
Ion Ratio Lower Upper
42 100
72 39.4 32.8 49.2
71 35.7 30.6 45.8



#30
Chloroform
Concen: 19.234 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 83 Resp: 118646
Ion Ratio Lower Upper
83 100
85 63.2 54.6 82.0





#31

Cyclohexane

Concen: 17.437 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS02

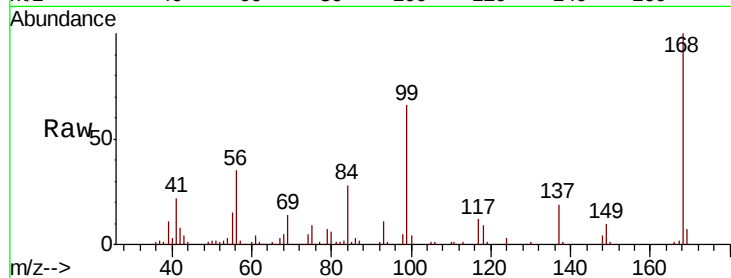
Tot Ion: 56 Resp: 89900

Ion Ratio Lower Upper

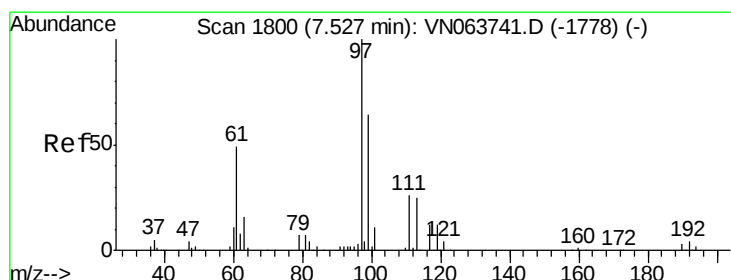
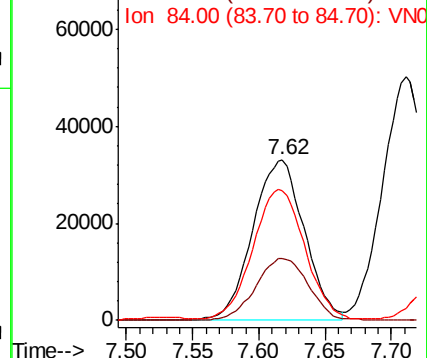
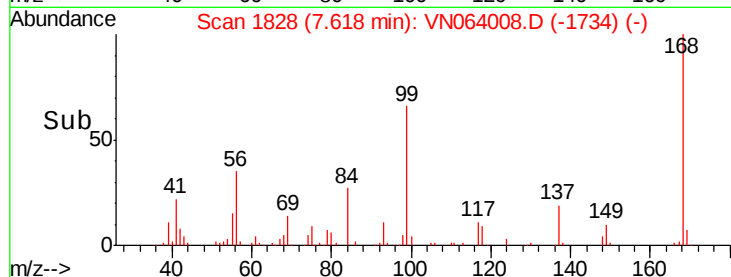
56 100

69 38.4 25.4 38.2#

84 79.4 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN064008.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 18.438 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

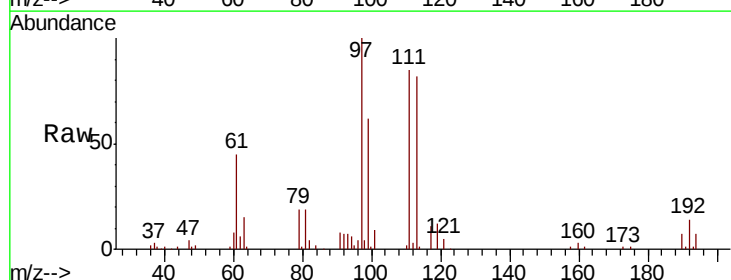
Tgt Ion: 97 Resp: 102585

Ion Ratio Lower Upper

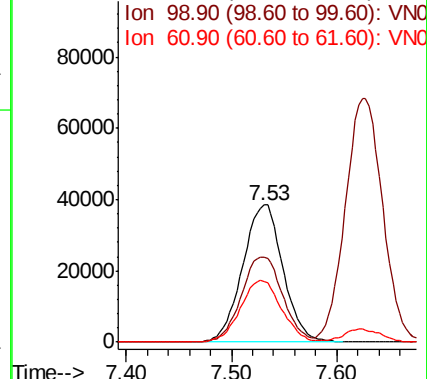
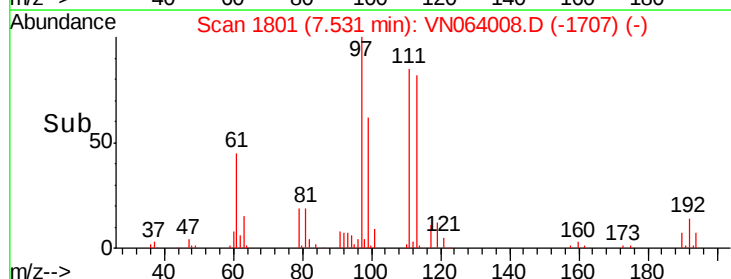
97 100

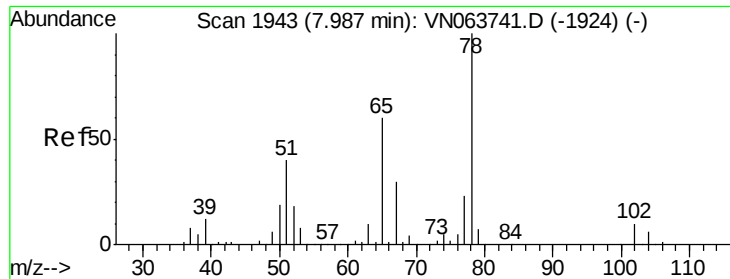
99 63.2 51.0 76.6

61 45.7 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VN064008.D (-1707) (-)

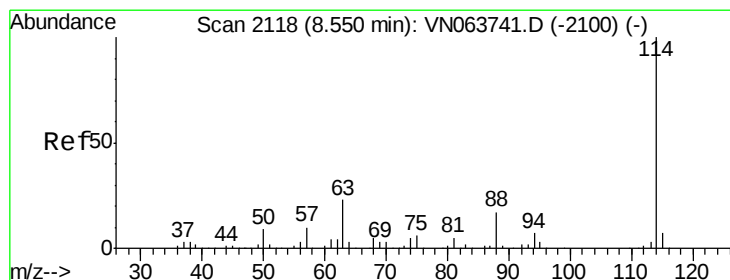
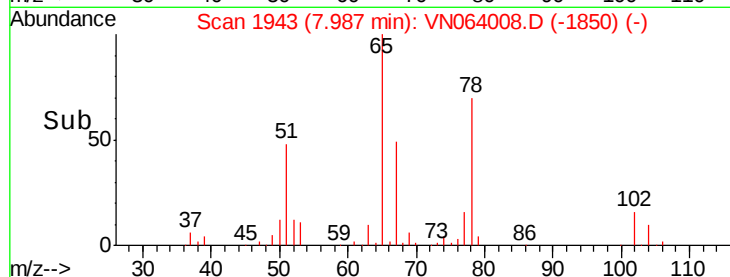
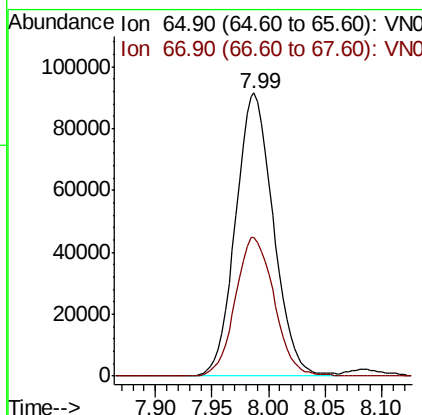
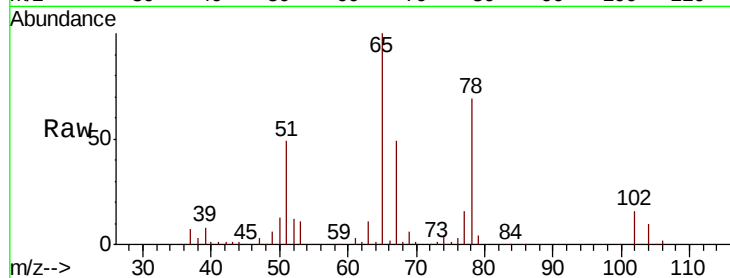




#33
 1,2-Dichloroethane-d4
 Concen: 47.928 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

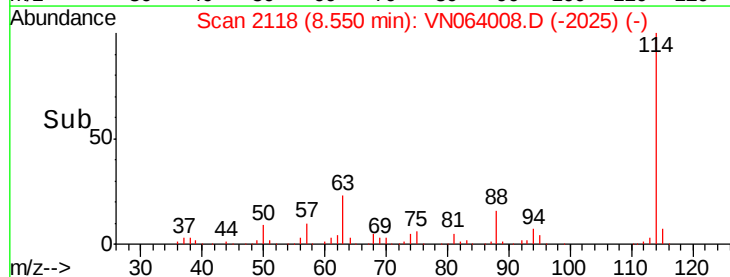
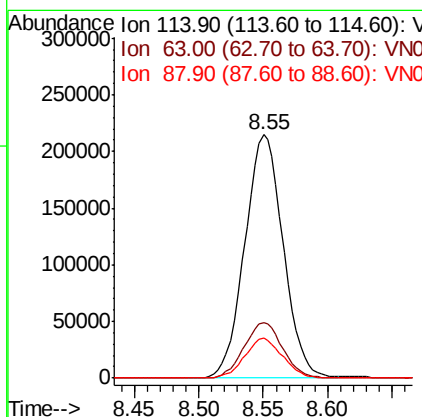
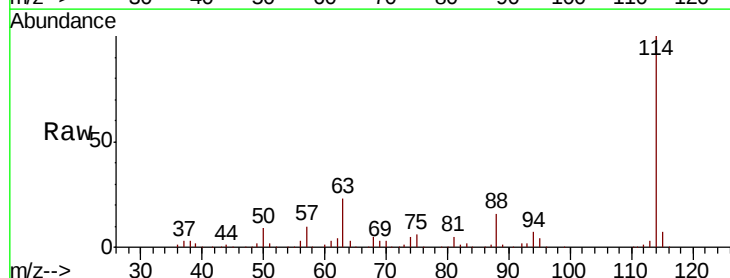
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

Tot Ion: 65 Resp: 212851
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion: 114 Resp: 445955
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.4 0.0 34.0

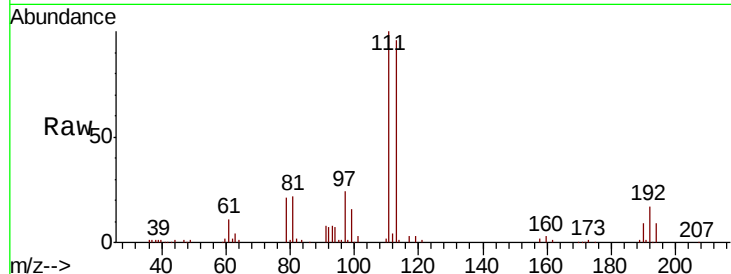




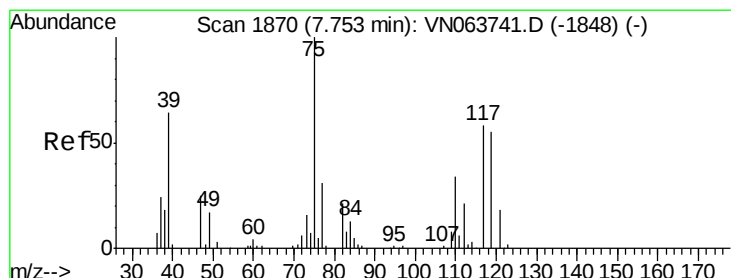
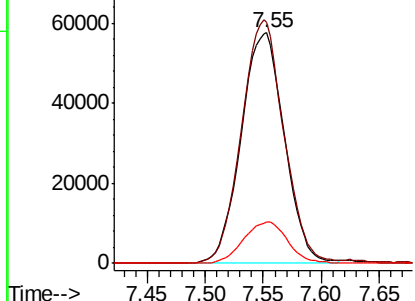
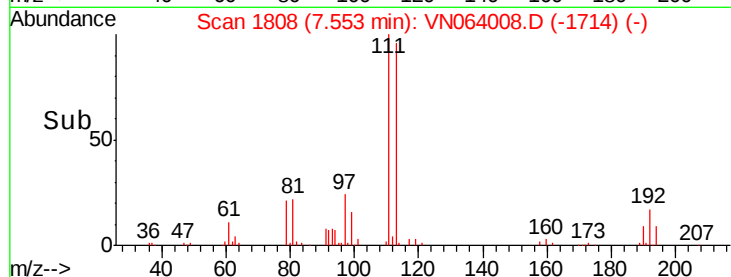
#35
Dibromofluoromethane
Concen: 48.346 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

Tot Ion:113 Resp: 149600
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 18.3 14.2 21.2

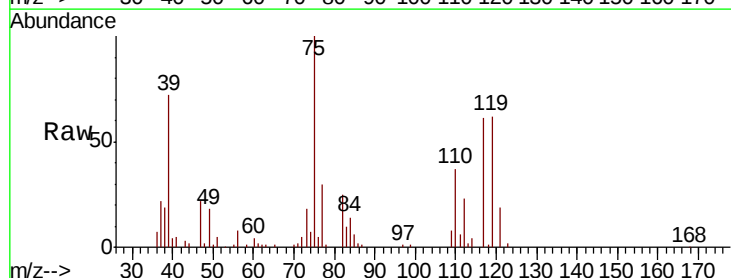


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

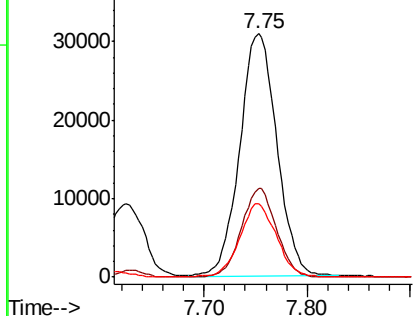
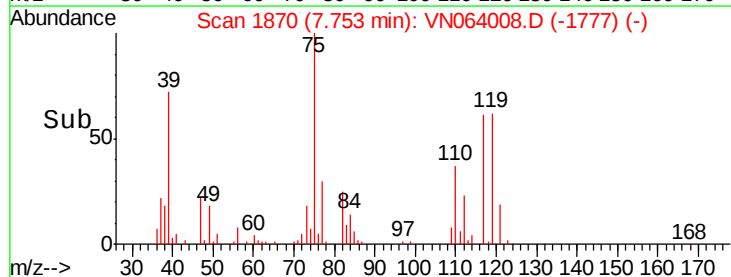


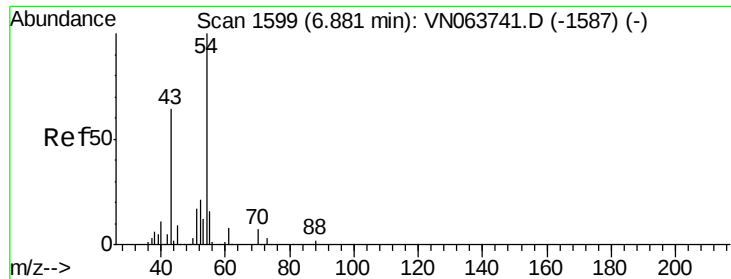
#36
1,1-Dichloropropene
Concen: 17.165 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 75 Resp: 77551
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.6
77 29.8 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

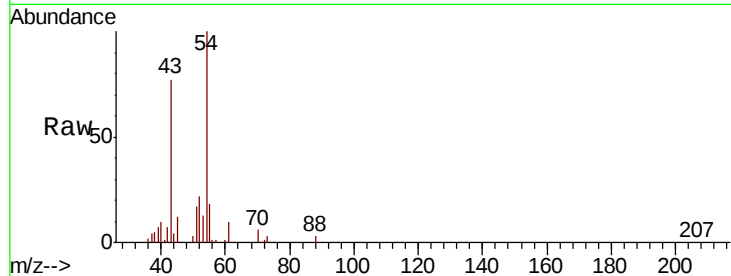




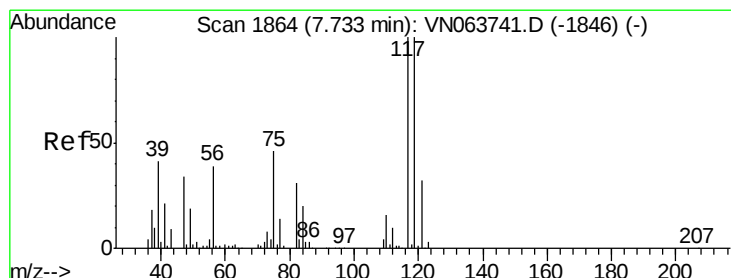
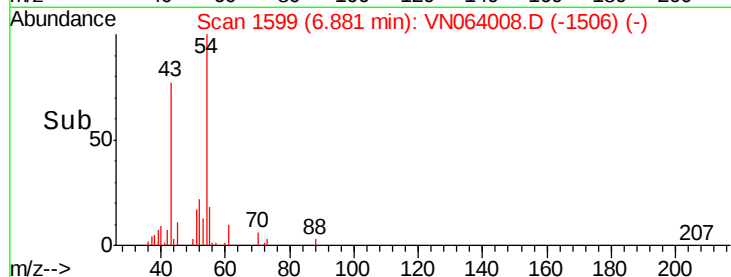
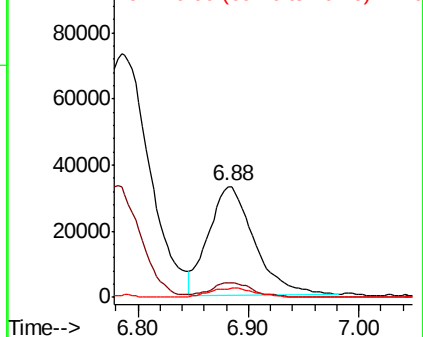
#37
Ethyl Acetate
Concen: 21.007 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Instrument :
MSVOA_N
ClientSampled :
VN1008WBS02

Tot Ion: 43 Resp: 94292
Ion Ratio Lower Upper
43 100
61 11.5 10.4 15.6
70 8.5 7.3 10.9

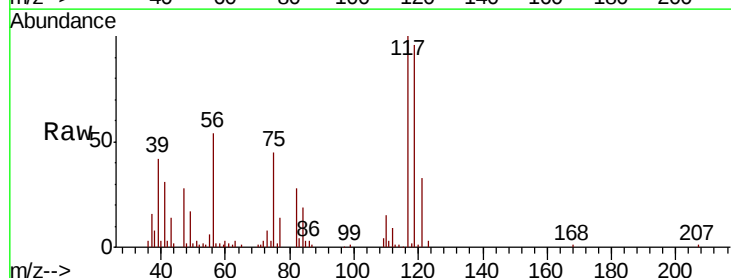


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

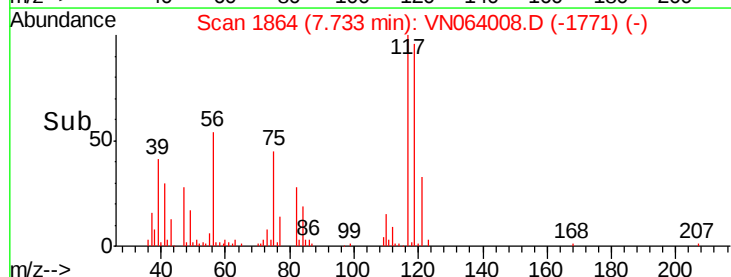
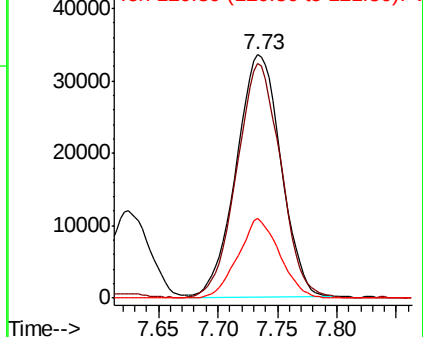


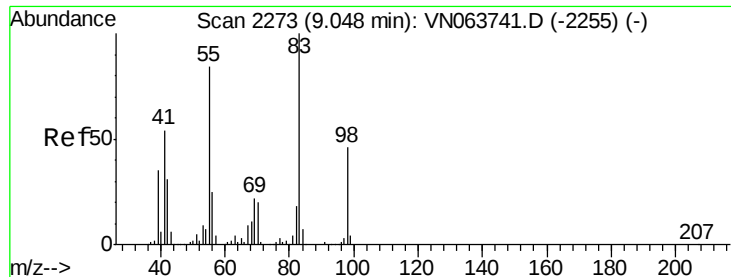
#38
Carbon Tetrachloride
Concen: 17.222 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 117 Resp: 87248
Ion Ratio Lower Upper
117 100
119 96.4 80.1 120.1
121 32.8 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

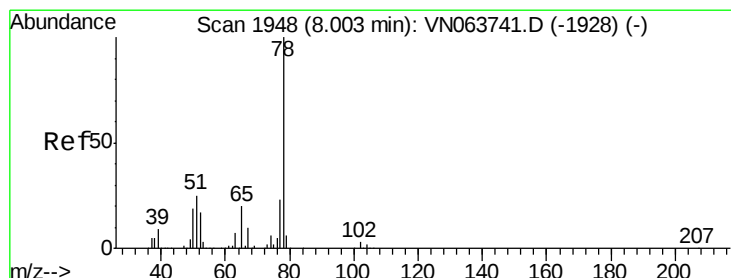
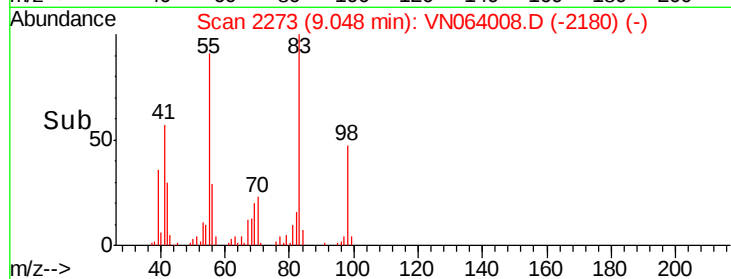
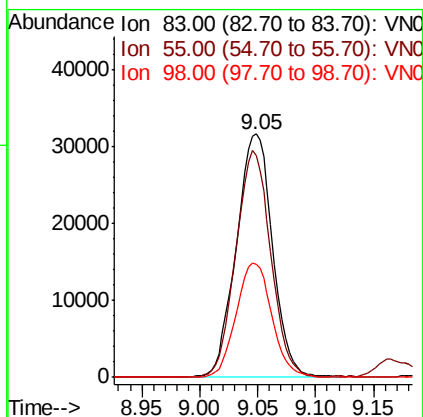
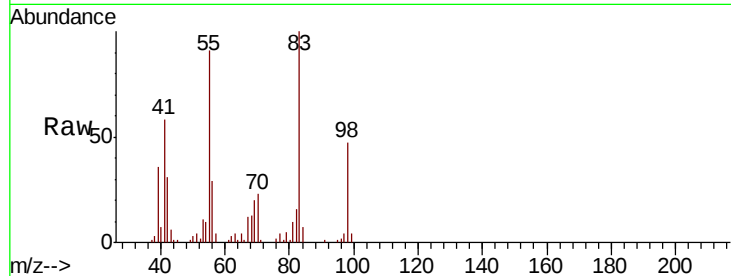




#39
Methvlcvclohexane
Concen: 15.269 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

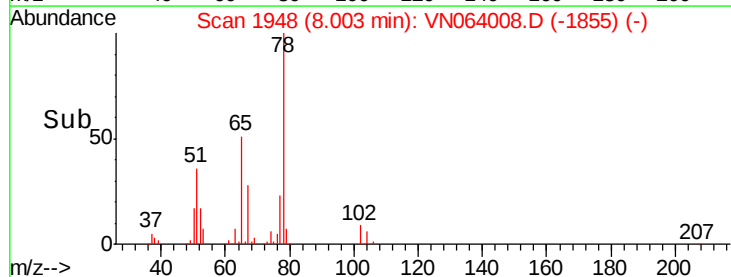
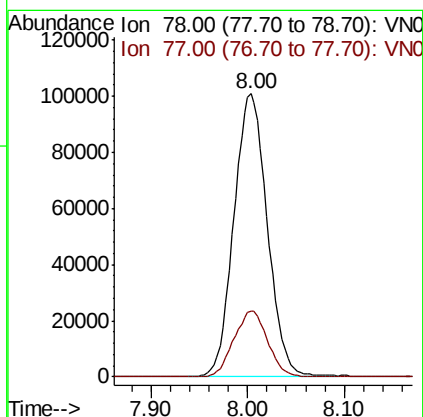
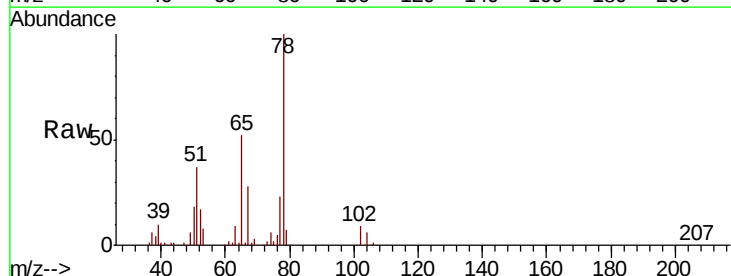
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

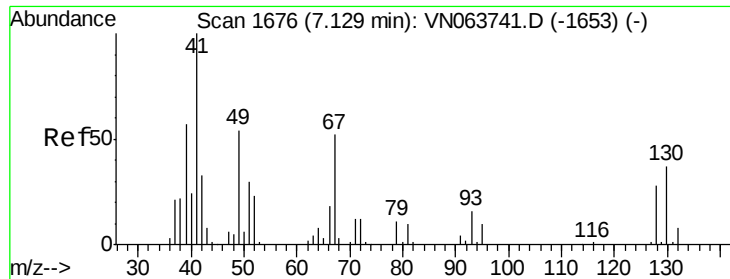
Tot Ion: 83 Resp: 68796
Ion Ratio Lower Upper
83 100
55 91.2 67.1 100.7
98 46.6 36.6 54.8



#40
Benzene
Concen: 18.758 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 78 Resp: 242065
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

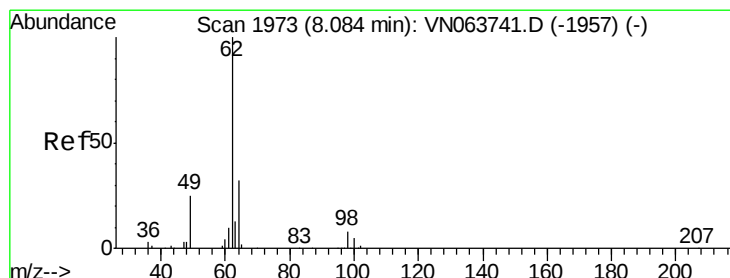
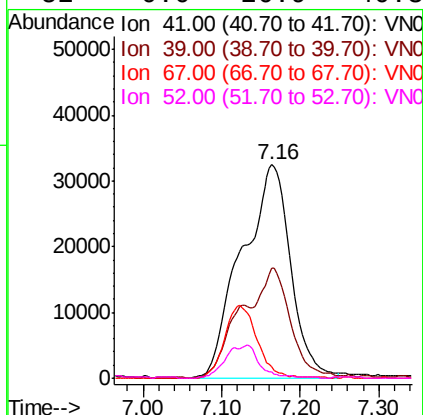
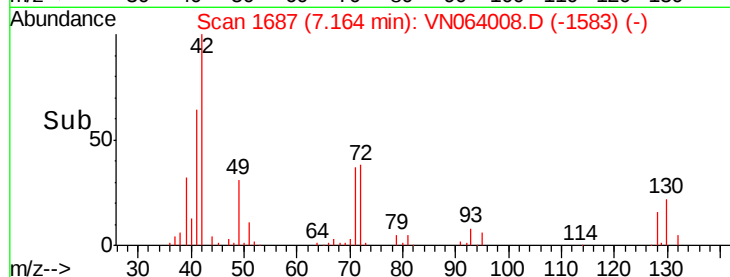
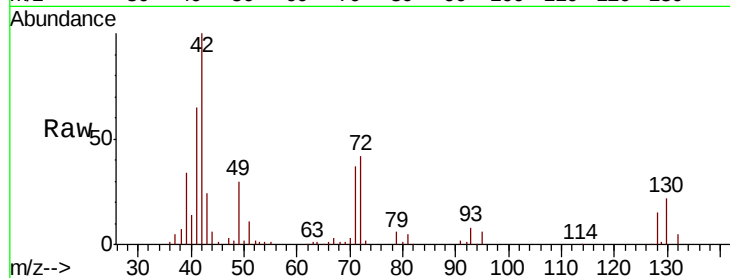




#41
Methacrylonitrile
Concen: 70.715 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

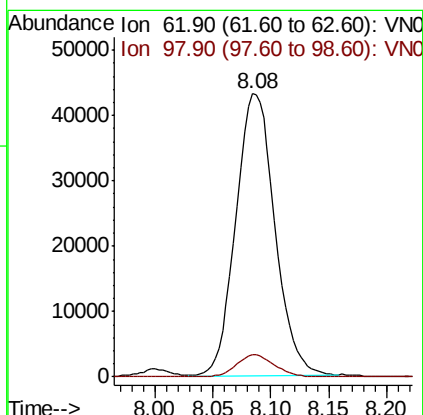
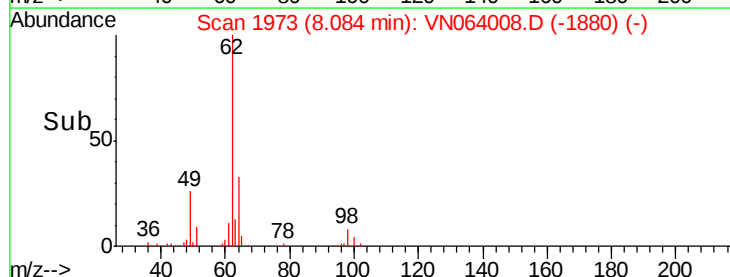
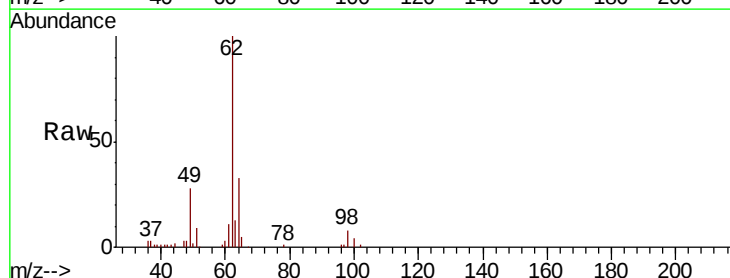
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

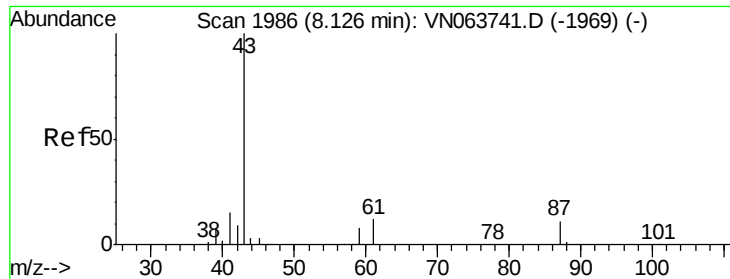
Tot Ion: 41 Resp: 141072
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 18.435 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 62 Resp: 101548
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.0





#43

Isopropyl Acetate

Concen: 20.293 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS02

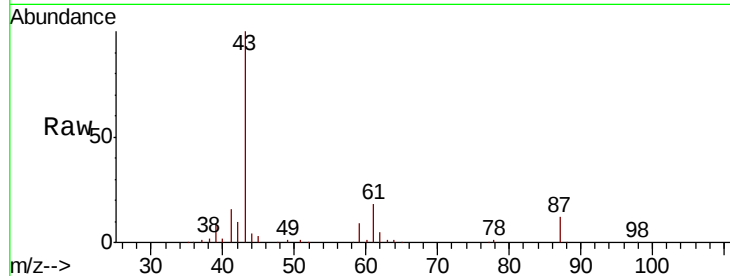
Tot Ion: 43 Resp: 150248

Ion Ratio Lower Upper

43 100

61 18.7 14.2 21.4

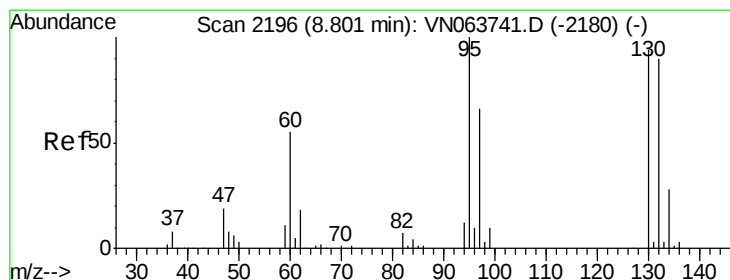
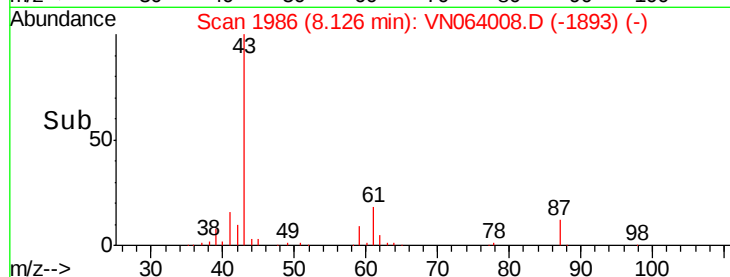
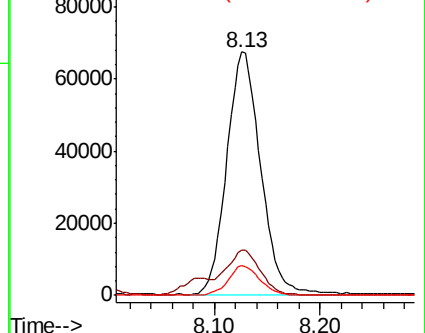
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 17.704 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064008.D

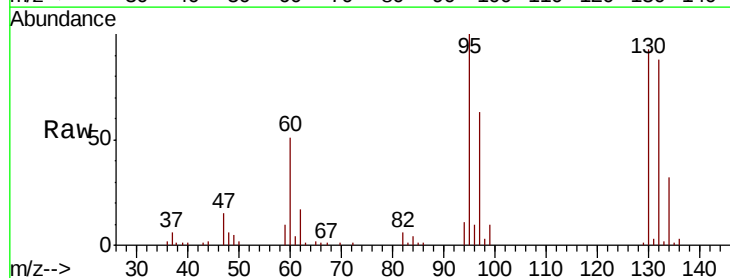
Acq: 9 Oct 2020 00:04

Tgt Ion:130 Resp: 59860

Ion Ratio Lower Upper

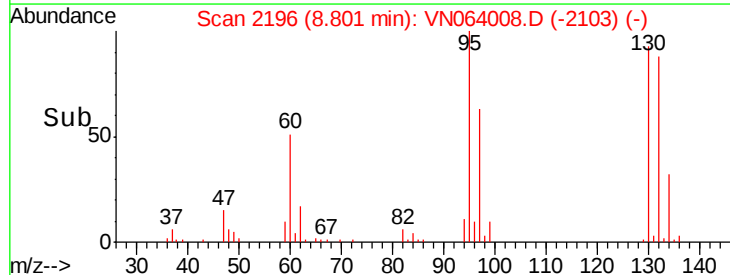
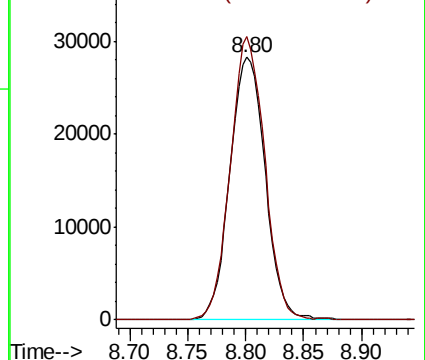
130 100

95 107.8 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

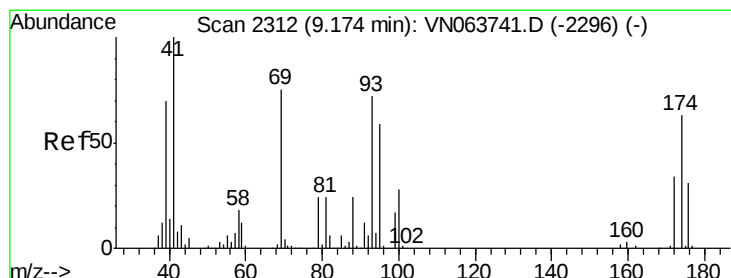
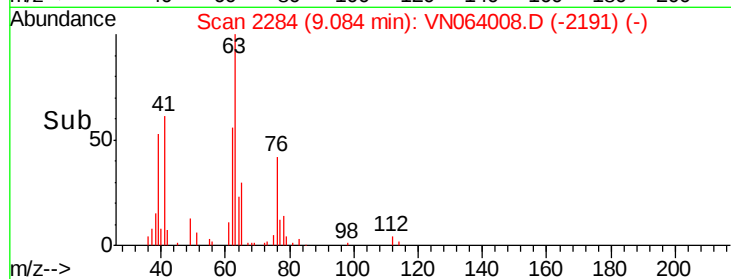
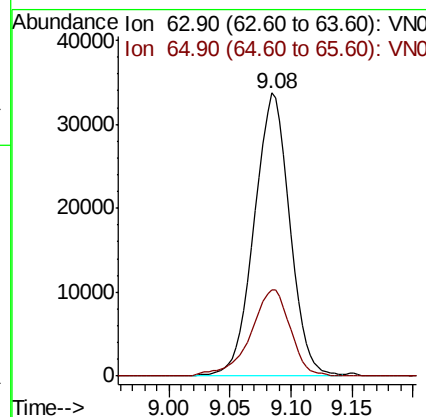
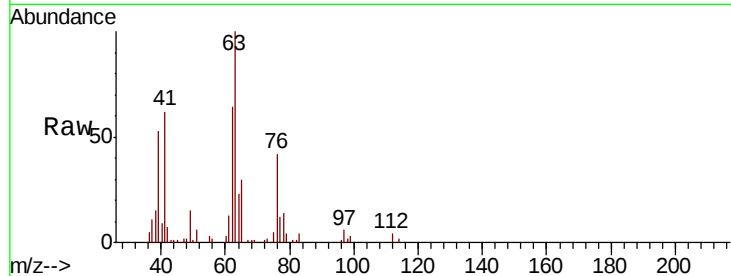




#45
 1,2-Dichloropropane
 Concen: 19.545 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

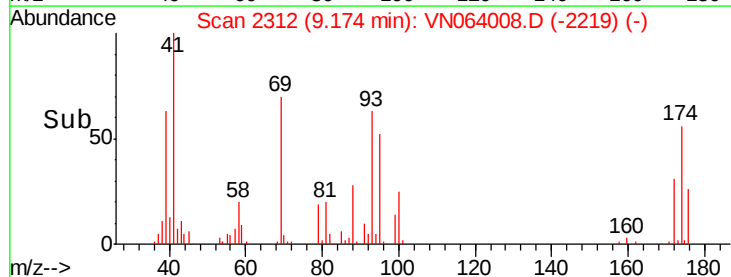
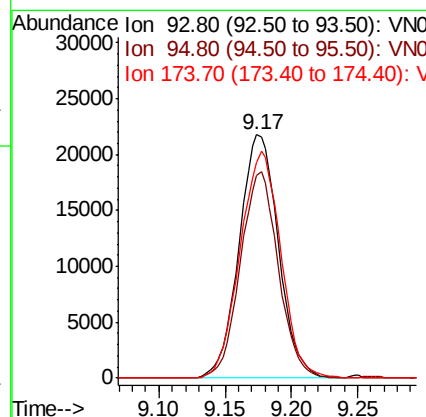
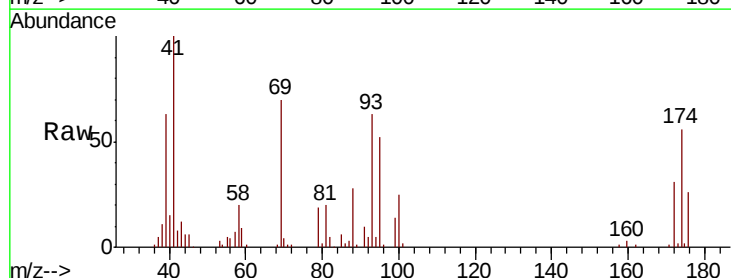
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

Tot Ion: 63 Resp: 68115
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 18.692 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion: 93 Resp: 44938
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.3 99.5
 174 96.2 72.7 109.1

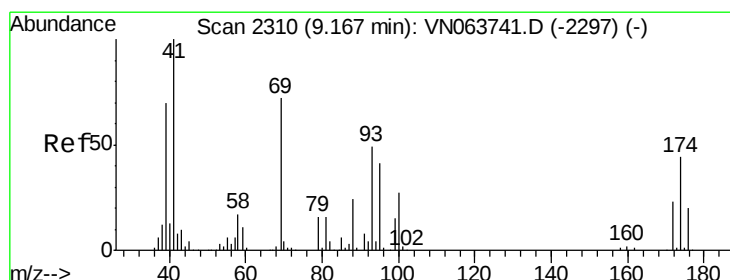
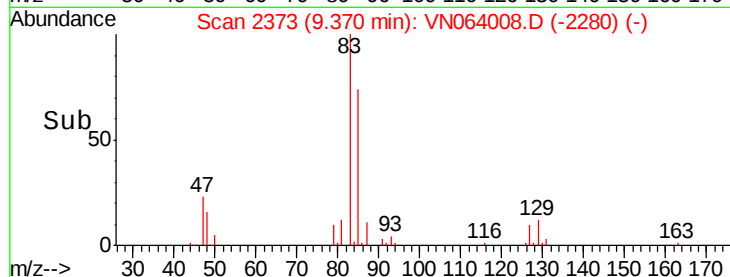
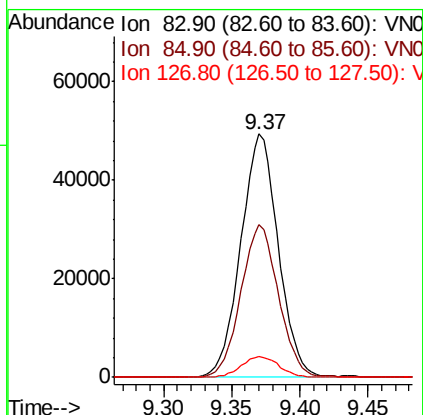
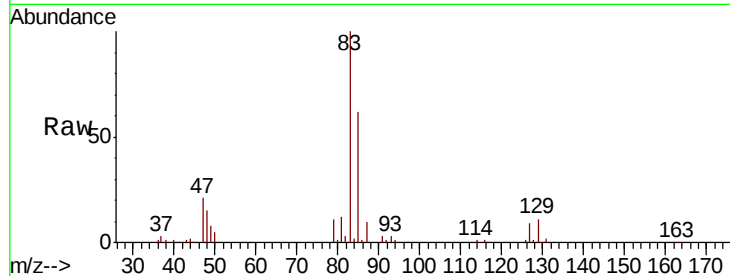




#47
Bromodichloromethane
Concen: 19.017 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

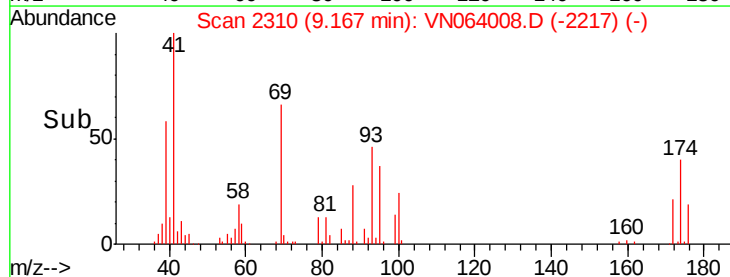
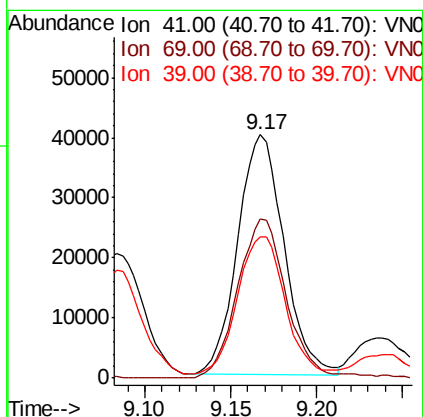
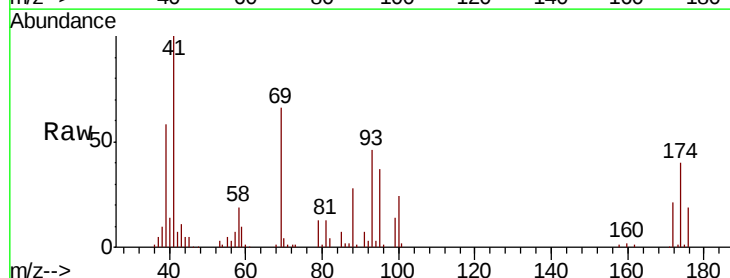
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

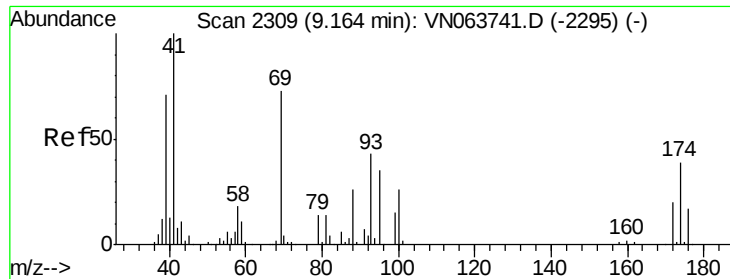
Tot Ion: 83 Resp: 94226
Ion Ratio Lower Upper
83 100
85 62.5 50.6 75.8
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 20.509 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 41 Resp: 75020
Ion Ratio Lower Upper
41 100
69 70.5 60.9 91.3
39 60.7 57.5 86.3

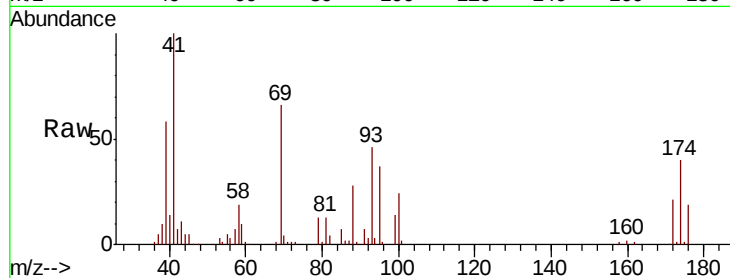




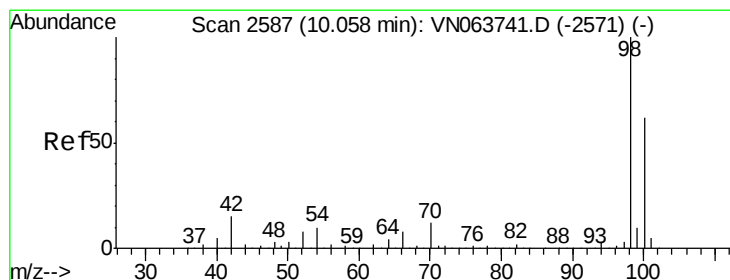
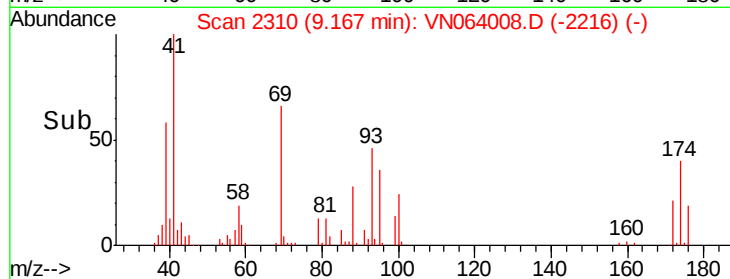
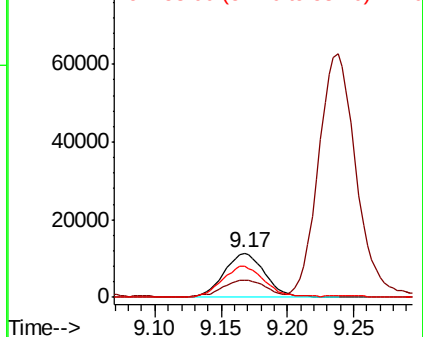
#49
1,4-Dioxane
Concen: 469.168 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

Tot Ion: 88 Resp: 24391
Ion Ratio Lower Upper
88 100
43 41.6 33.1 49.7
58 72.6 58.9 88.3

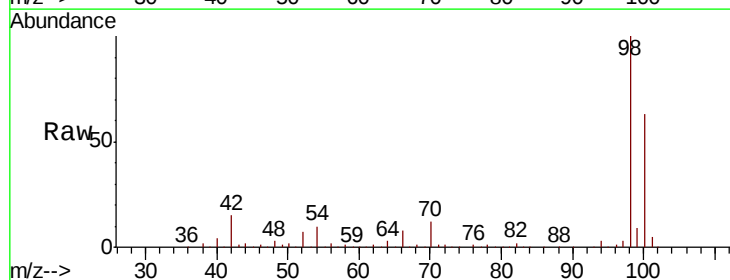


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

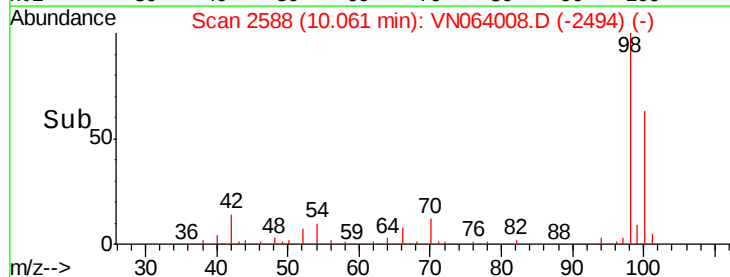
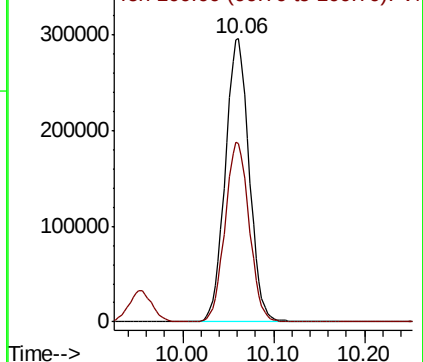


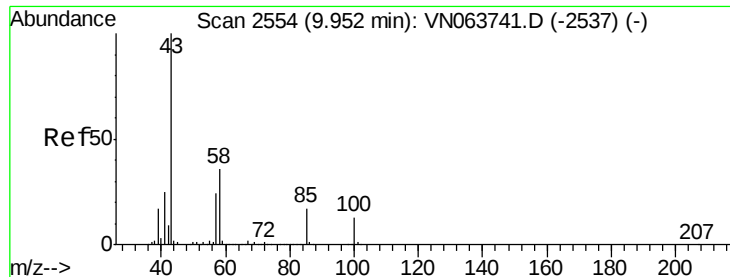
#50
Toluene-d8
Concen: 46.127 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 98 Resp: 541088
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.6



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: 111.973 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

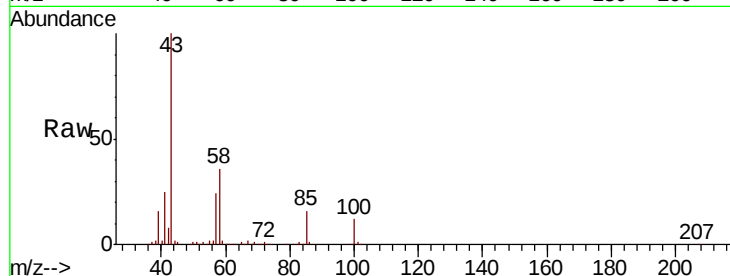
VN1008WBS02

Tot Ion: 43 Resp: 486511

Ion Ratio Lower Upper

43 100

58 35.5 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

250000

200000

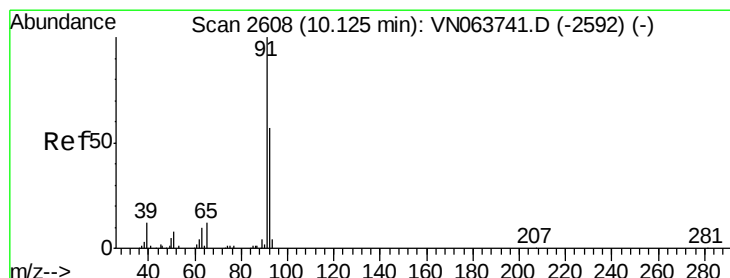
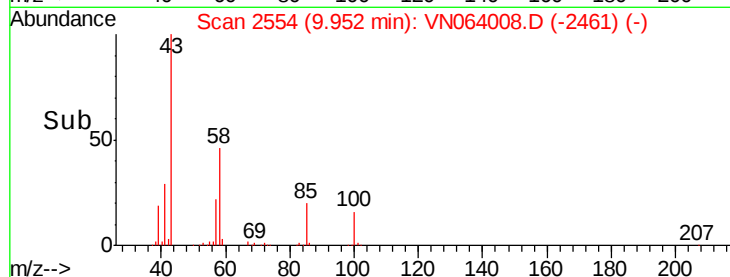
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.665 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064008.D

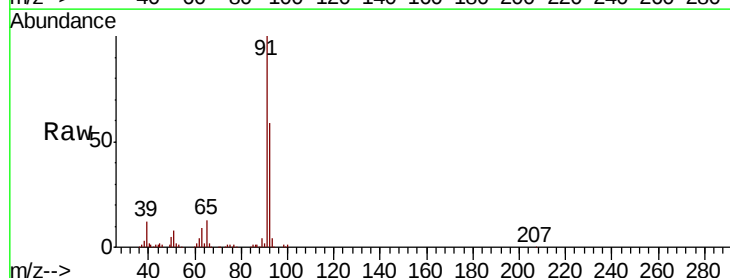
Acq: 9 Oct 2020 00:04

Tgt Ion: 92 Resp: 148984

Ion Ratio Lower Upper

92 100

91 171.3 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

10.12

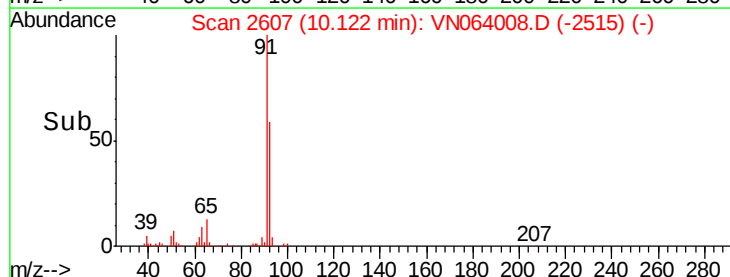
150000

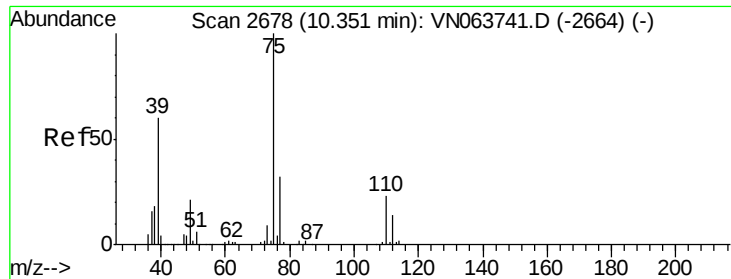
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.396 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

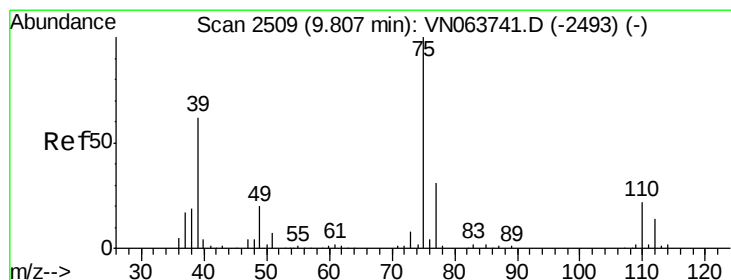
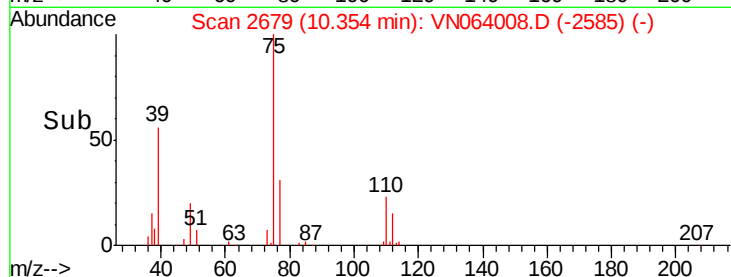
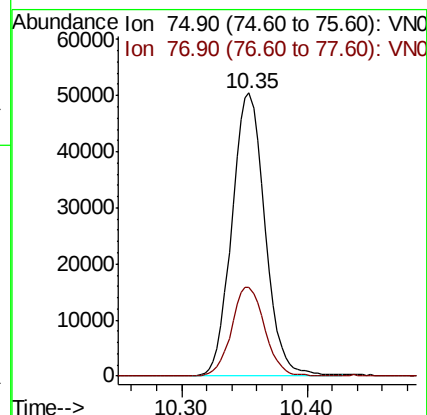
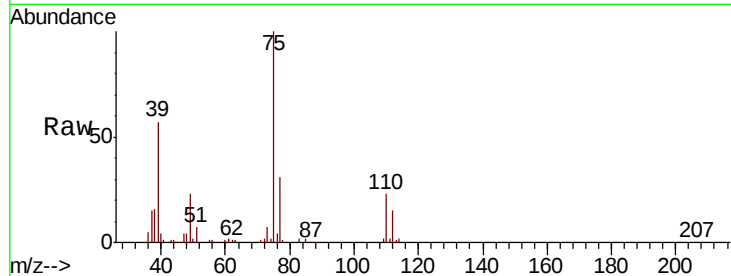
VN1008WBS02

Tot Ion: 75 Resp: 92396

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.805 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

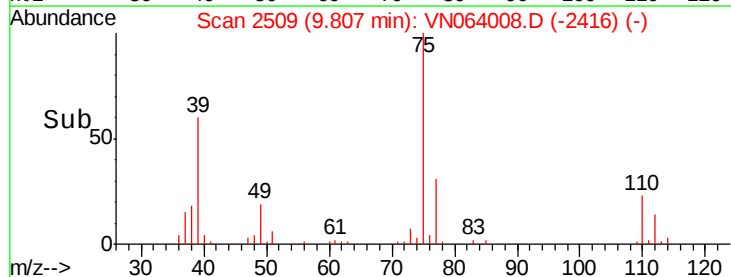
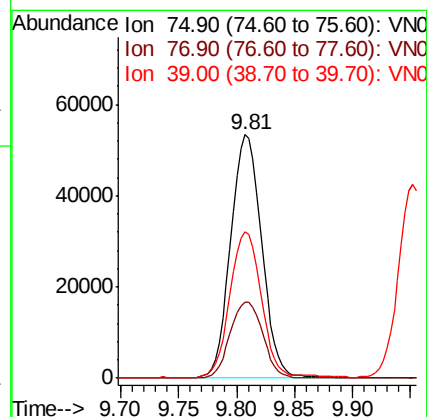
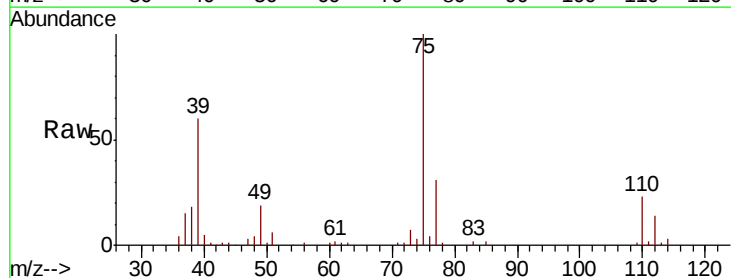
Tgt Ion: 75 Resp: 98904

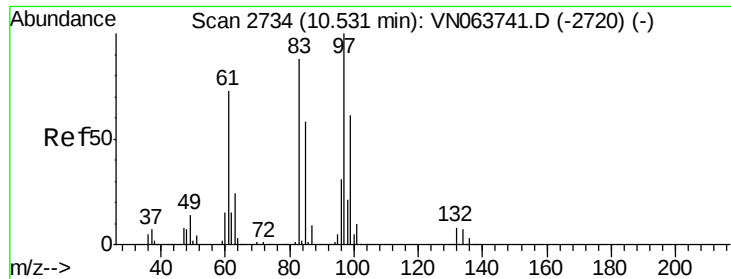
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 60.2 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 19.413 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampled :

VN1008WBS02

Tot Ion: 97 Resp: 62142

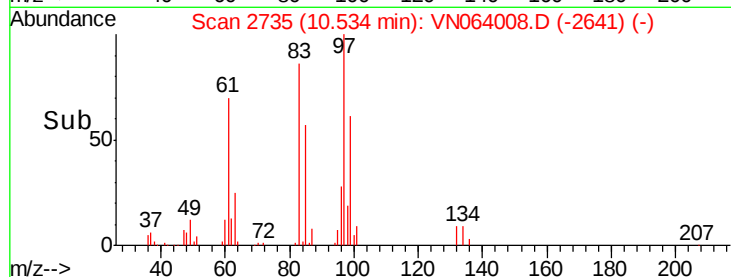
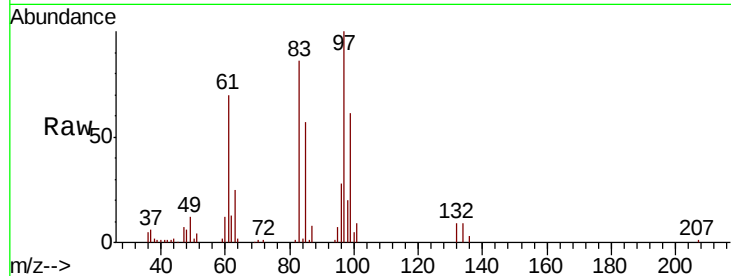
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.7	106.1
85	57.4	46.1	69.1
99	60.7	48.8	73.2

97 100

83 86.1 70.7 106.1

85 57.4 46.1 69.1

99 60.7 48.8 73.2

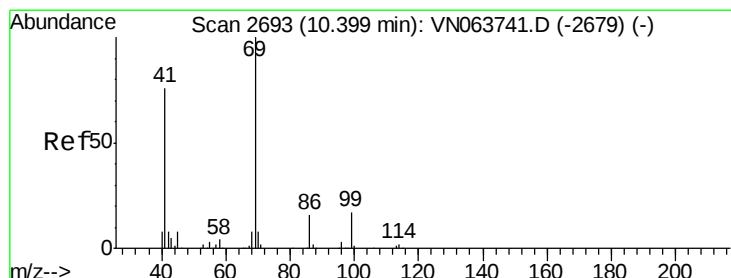
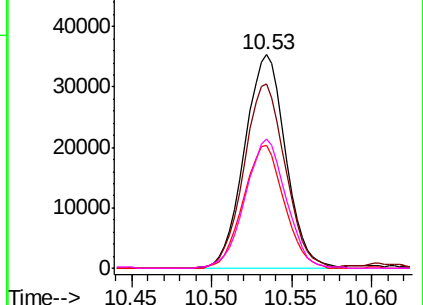


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.223 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

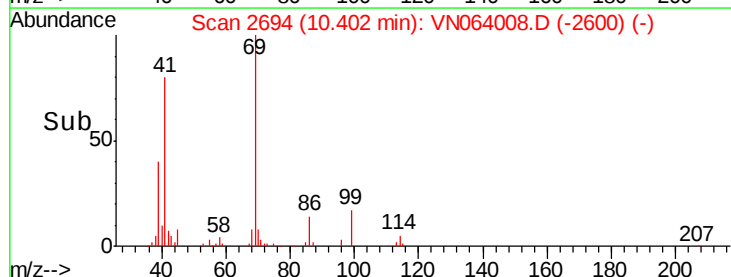
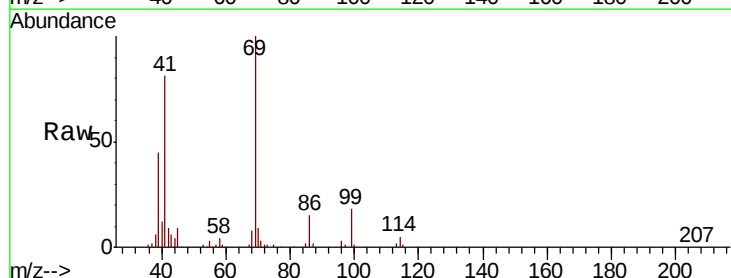
Tgt Ion: 69 Resp: 87219

Ion	Ratio	Lower	Upper
69	100		
41	80.0	61.1	91.7
39	47.1	42.2	63.4

69 100

41 80.0 61.1 91.7

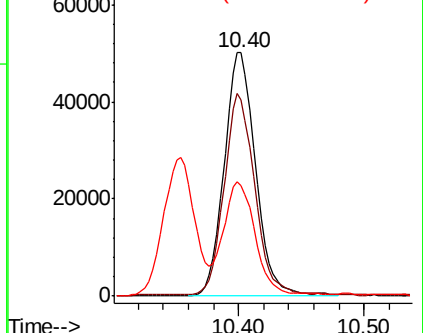
39 47.1 42.2 63.4

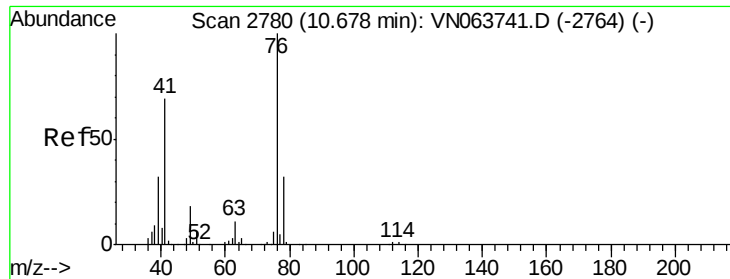


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

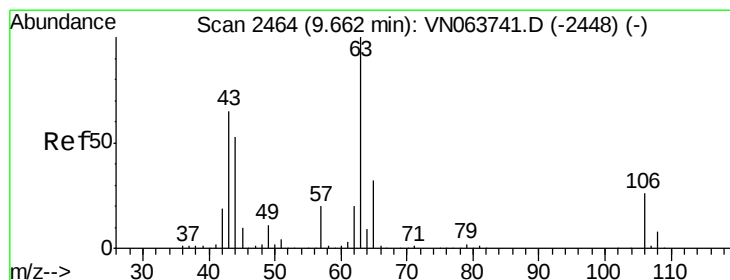
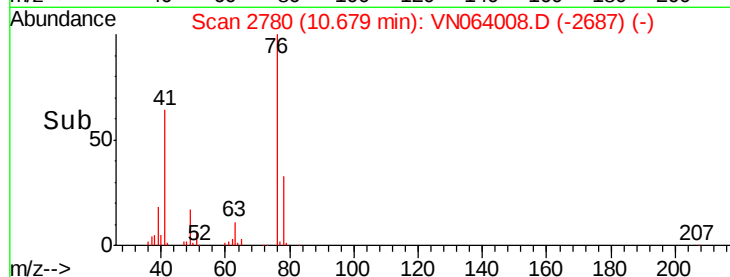
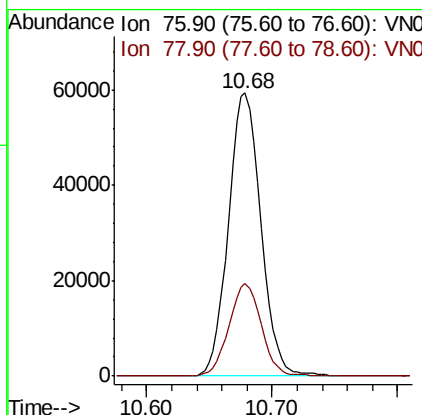
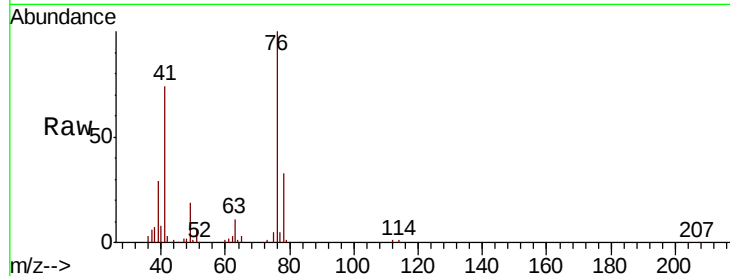




#57
 1,3-Dichloropropane
 Concen: 19.698 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

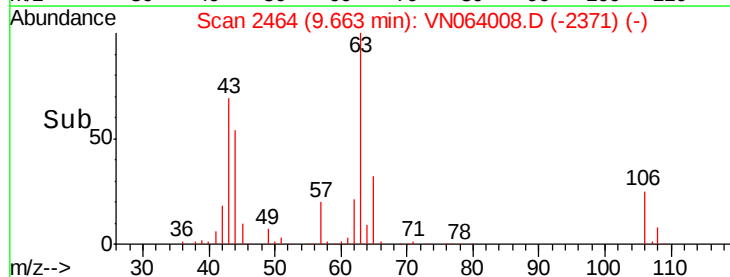
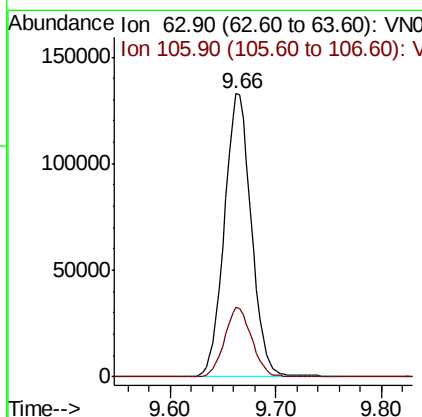
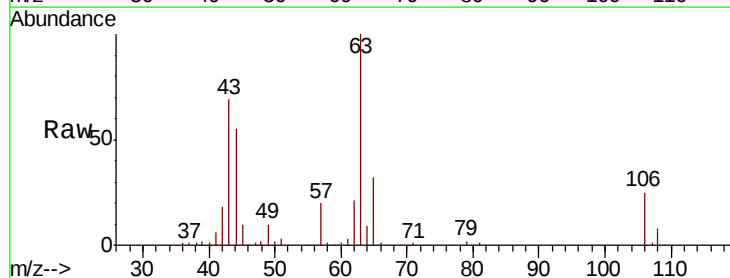
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

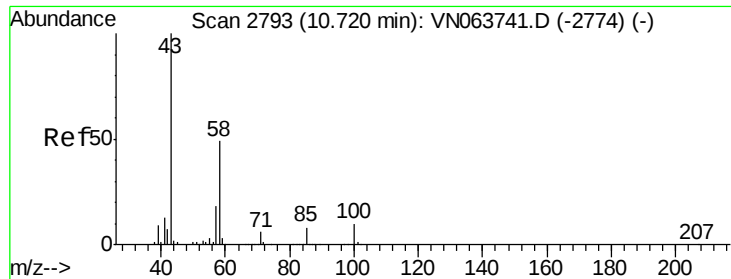
Tot Ion: 76 Resp: 106673
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.985 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion: 63 Resp: 235387
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.7 31.1

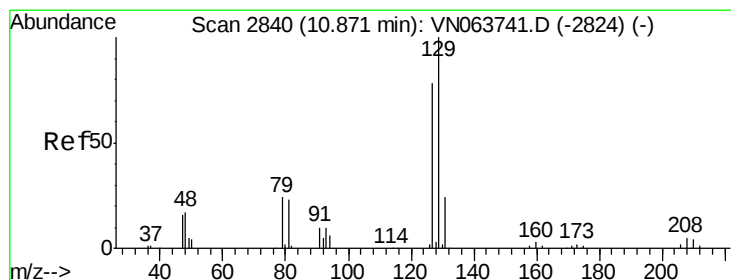
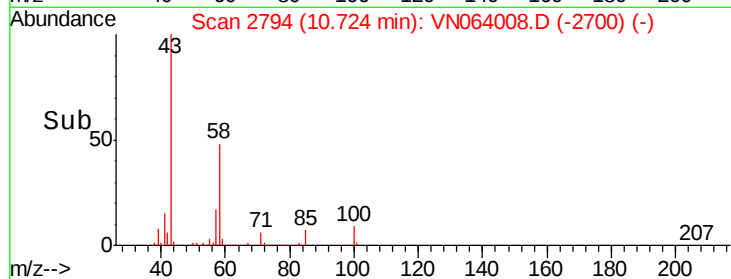
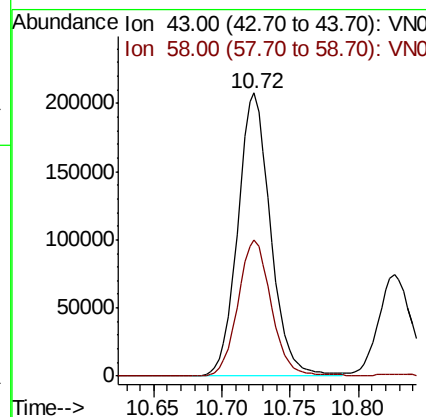
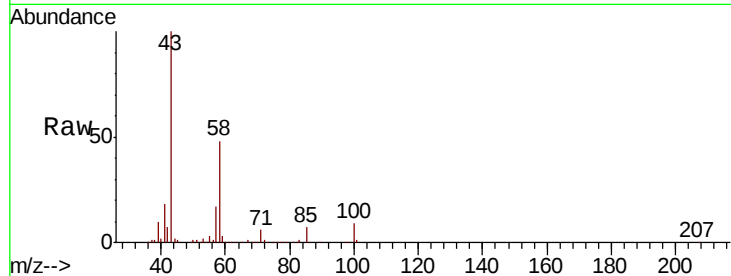




#59
2-Hexanone
Concen: 106.967 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

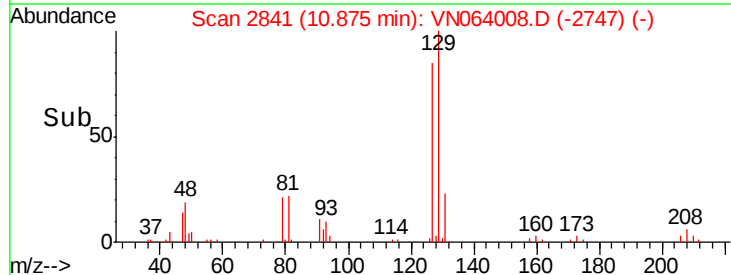
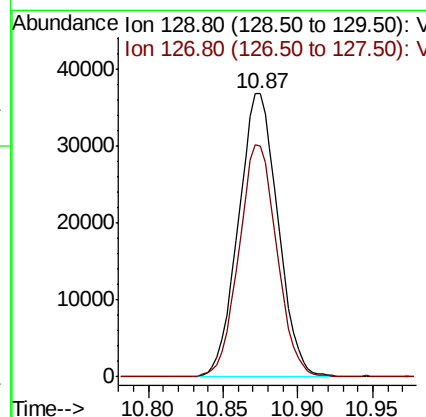
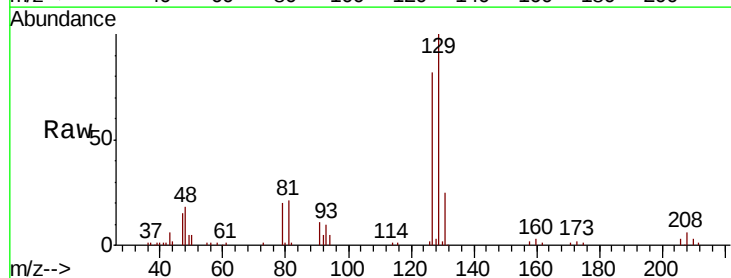
Instrument :
MSVOA_N
ClientSampled :
VN1008WBS02

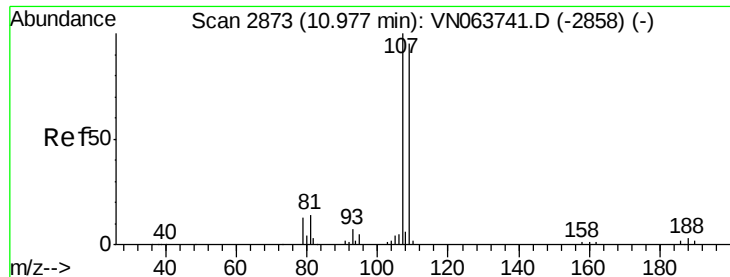
Tot Ion: 43 Resp: 345256
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.8



#60
Dibromochloromethane
Concen: 18.162 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 129 Resp: 67704
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.106 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

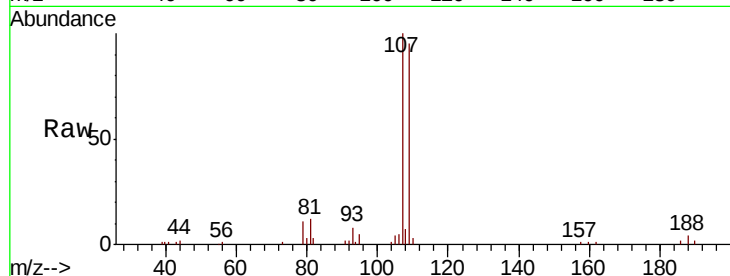
VN1008WBS02

Tot Ion: 107 Resp: 62559

Ion Ratio Lower Upper

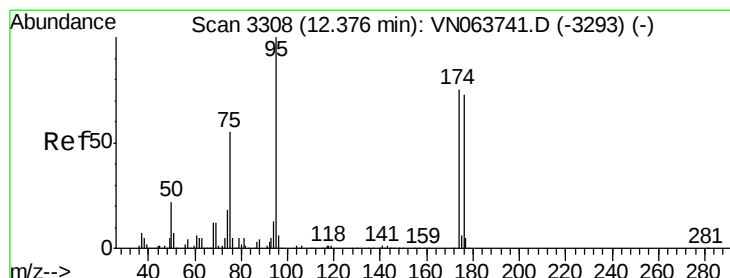
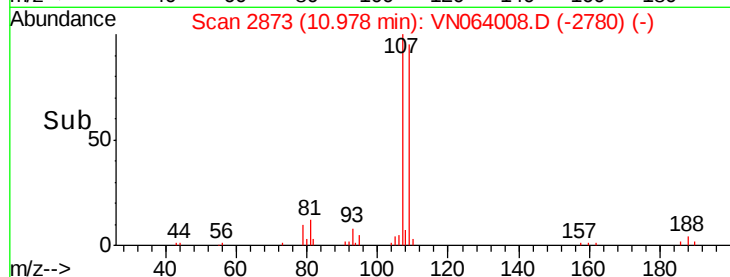
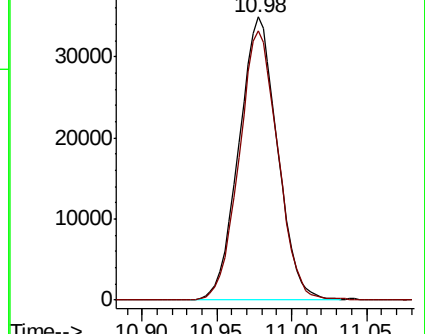
107 100

109 95.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.456 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

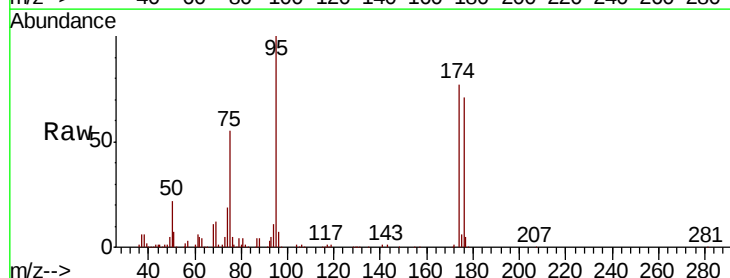
Tgt Ion: 95 Resp: 196035

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.6

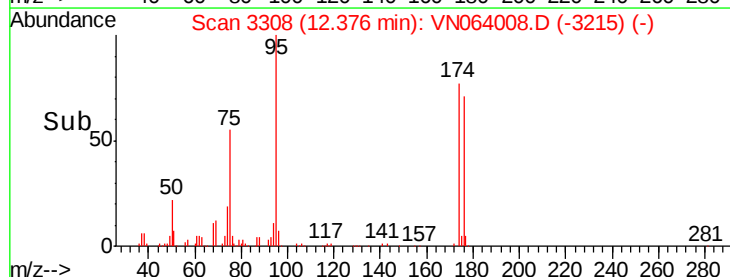
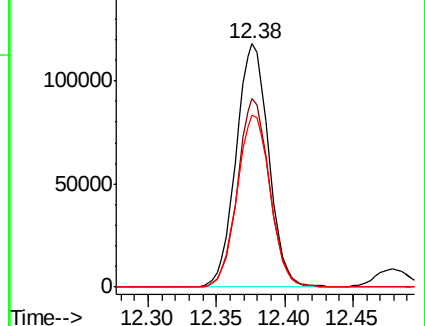
176 72.2 0.0 145.4

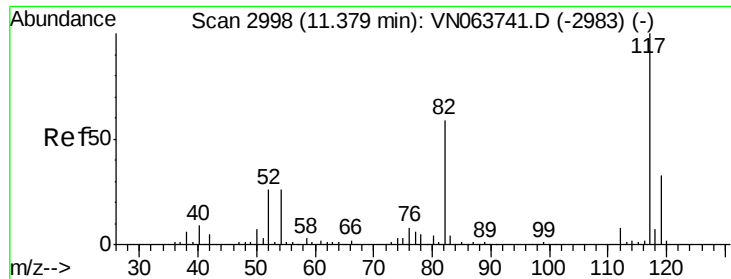


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

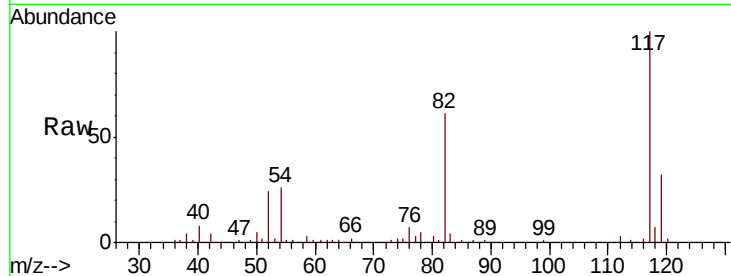




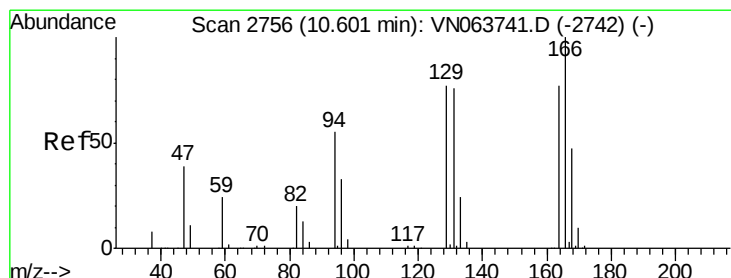
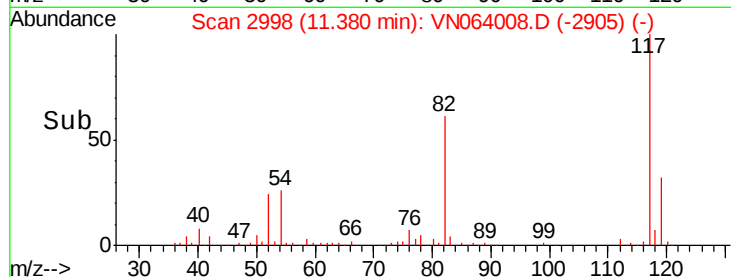
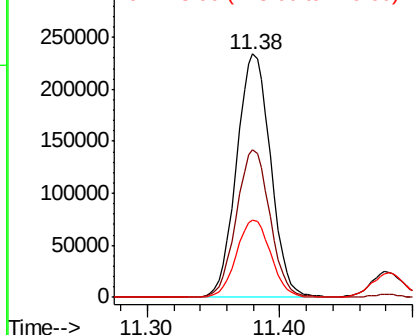
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

Tot Ion:117 Resp: 416990
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.8 26.4 39.6

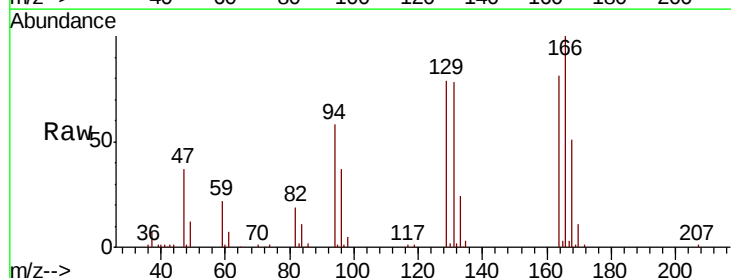


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

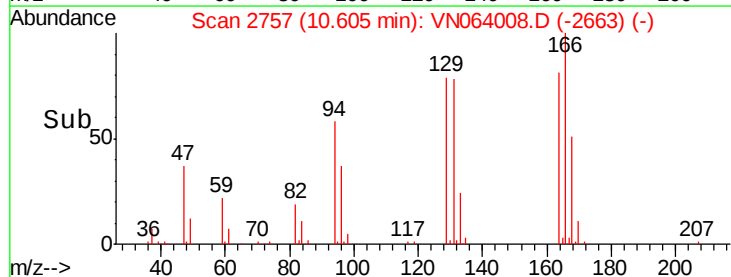
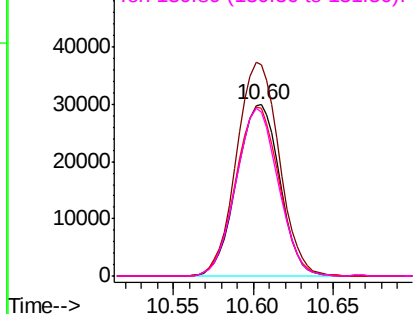


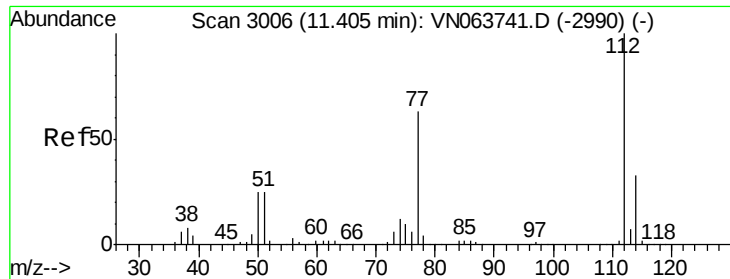
#64
Tetrachloroethene
Concen: 16.979 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion:164 Resp: 54775
Ion Ratio Lower Upper
164 100
166 123.1 103.9 155.9
129 97.6 80.3 120.5
131 95.7 78.9 118.3



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

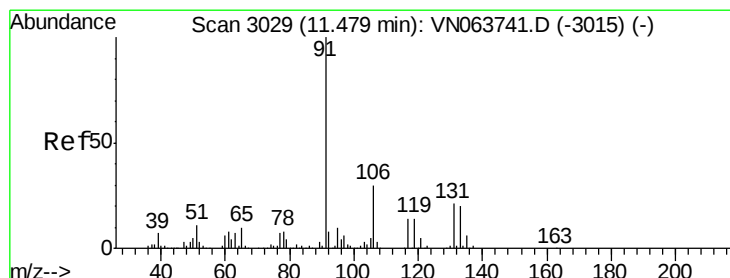
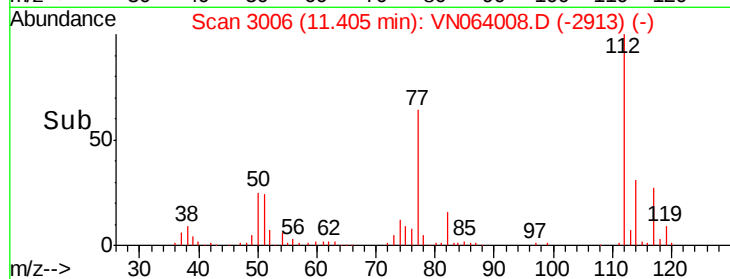
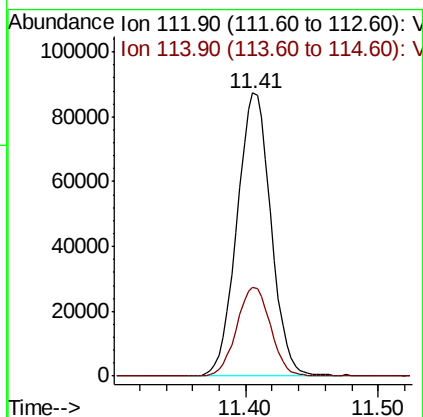
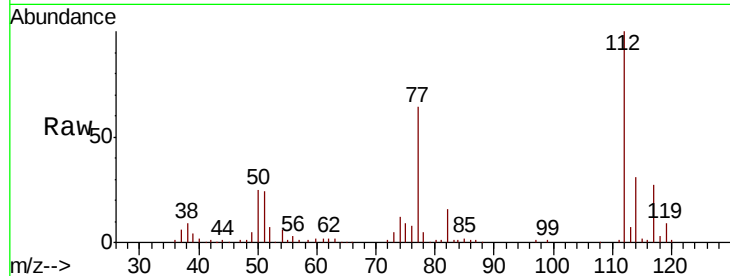




#65
Chlorobenzene
Concen: 18.161 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

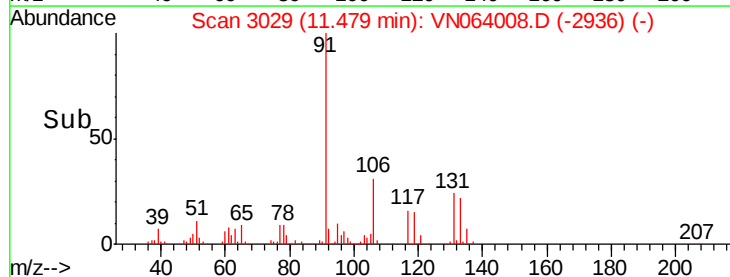
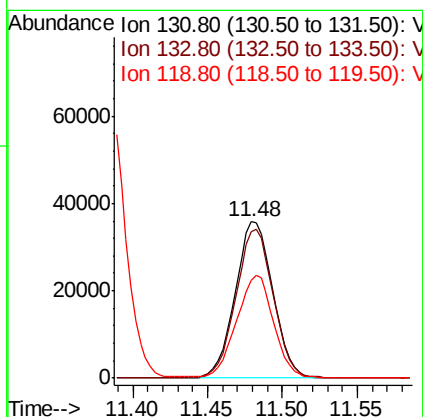
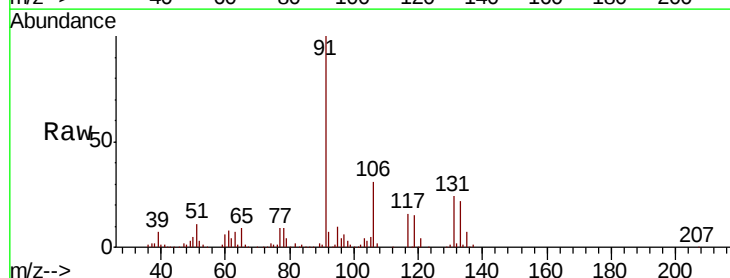
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

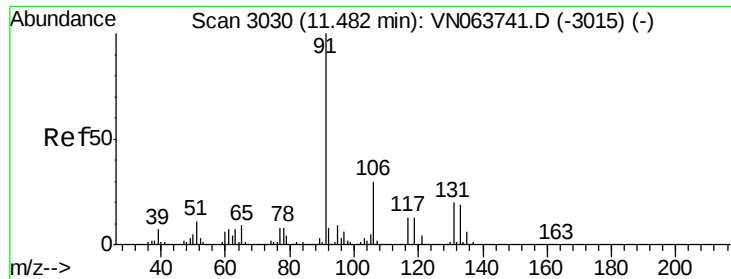
Tot Ion:112 Resp: 155348
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.171 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion:131 Resp: 62868
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.8
119 64.7 32.6 97.7

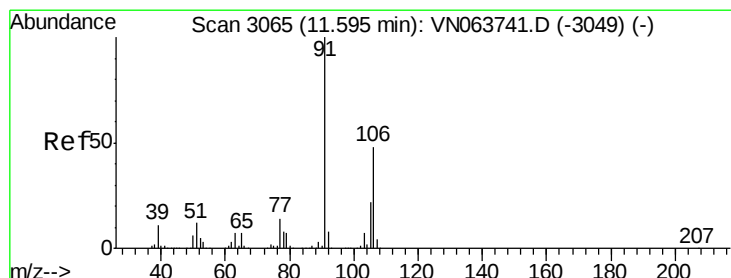
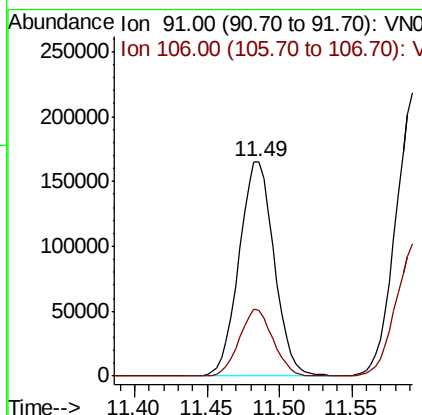
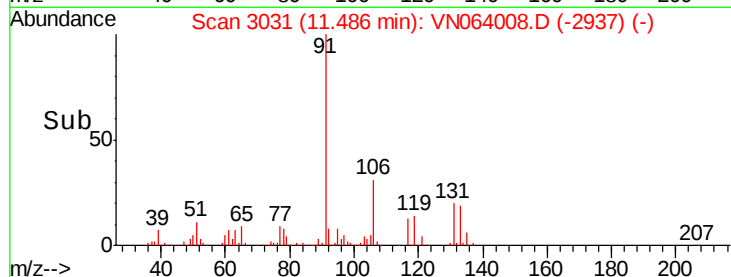
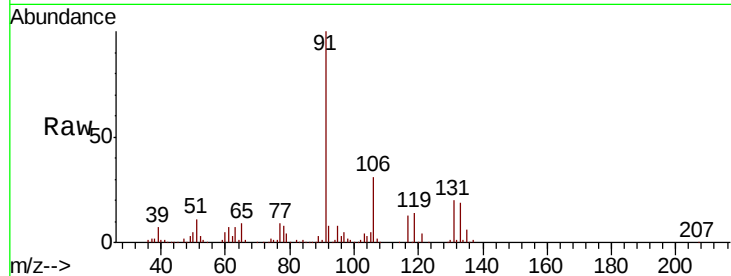




#67
Ethyl Benzene
Concen: 17.892 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

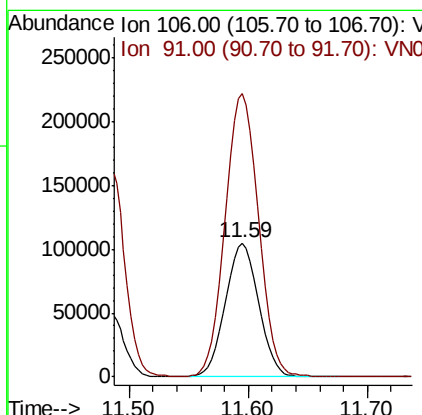
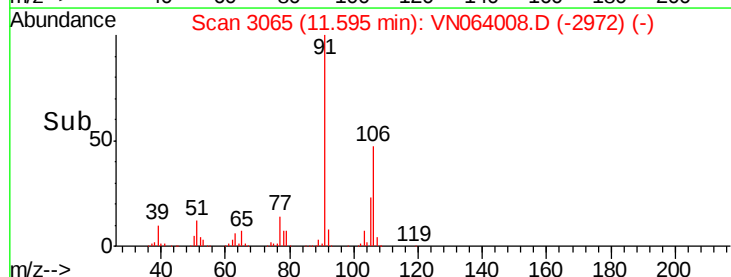
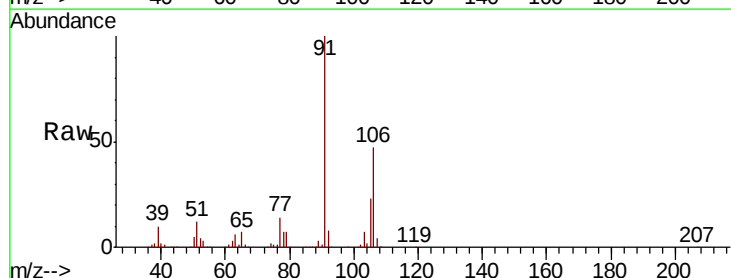
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS02

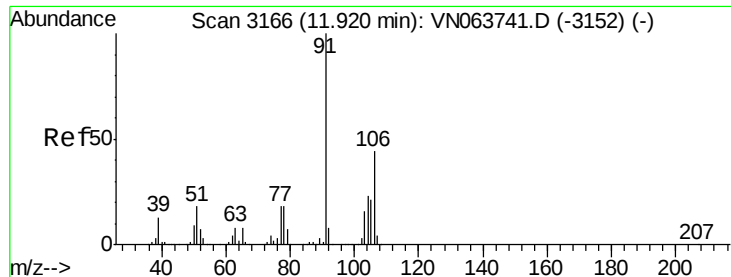
Tot Ion: 91 Resp: 278482
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2



#68
m/p-Xylenes
Concen: 35.081 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion: 106 Resp: 203503
Ion Ratio Lower Upper
106 100
91 210.6 168.0 252.0

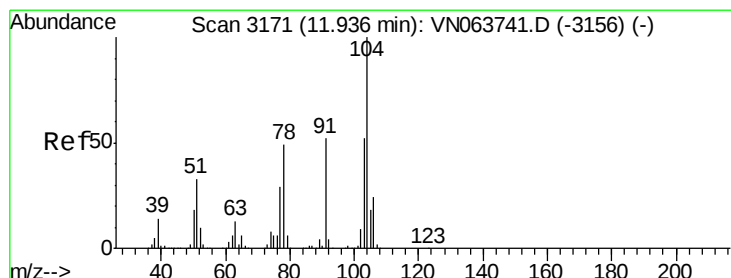
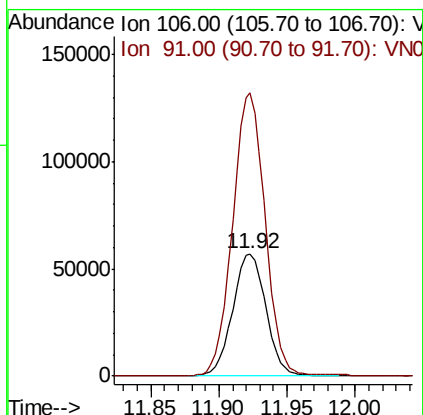
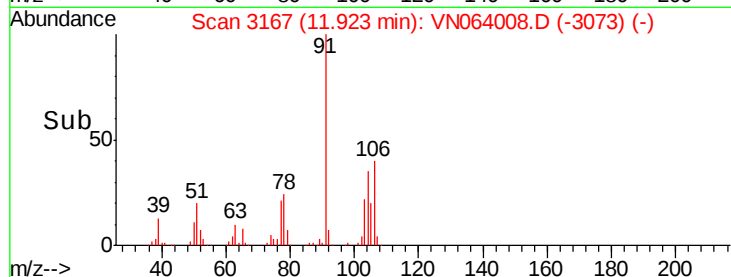
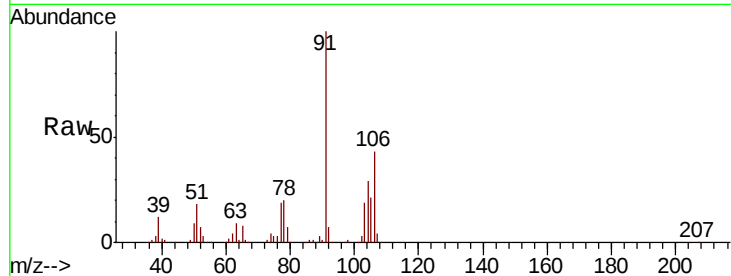




#69
o-Xylene
Concen: 17.811 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

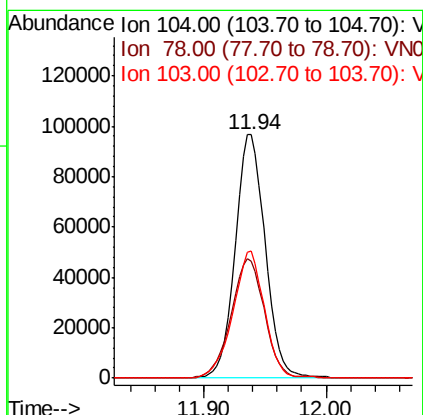
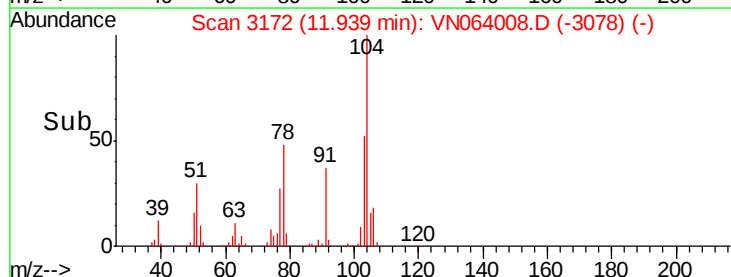
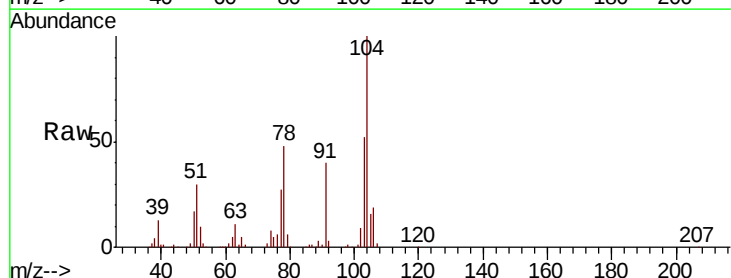
Instrument :
MSVOA_N
ClientSampled :
VN1008WBS02

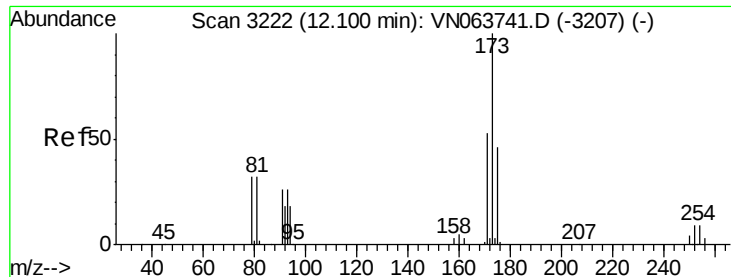
Tot Ion:106 Resp: 96569
Ion Ratio Lower Upper
106 100
91 226.4 112.7 338.0



#70
Styrene
Concen: 17.903 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion:104 Resp: 164771
Ion Ratio Lower Upper
104 100
78 54.7 44.1 66.1
103 55.2 44.3 66.5





#71

Bromoform

Concen: 18.606 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS02

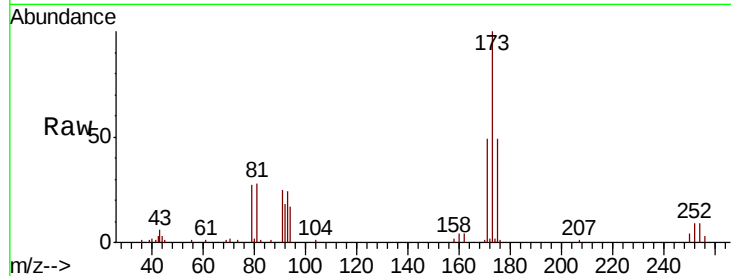
Tot Ion:173 Resp: 46663

Ion Ratio Lower Upper

173 100

175 47.7 23.5 70.5

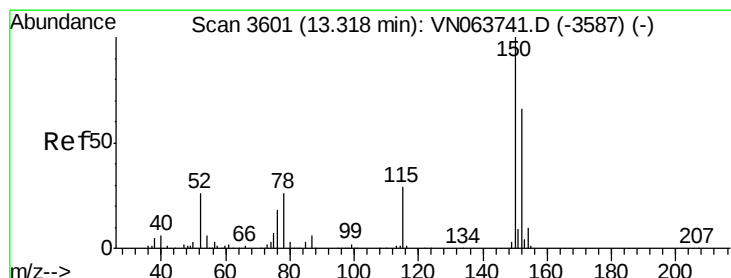
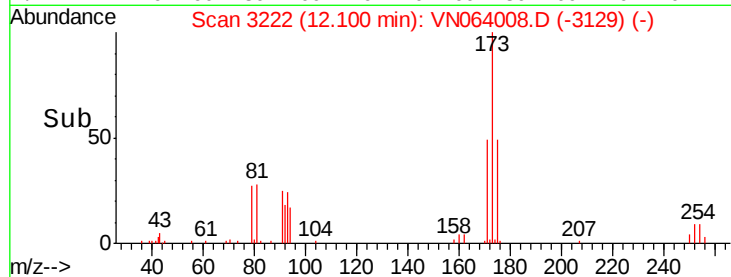
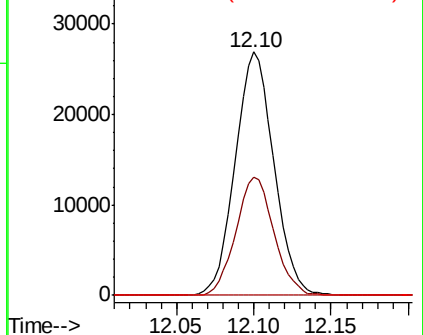
254 0.0 0.0 0.0



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# 3601

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

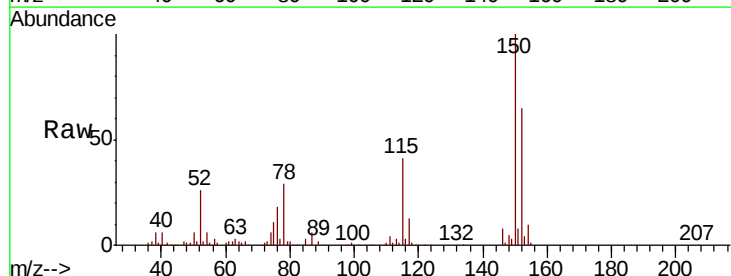
Tgt Ion:152 Resp: 188238

Ion Ratio Lower Upper

152 100

115 62.4 31.3 93.8

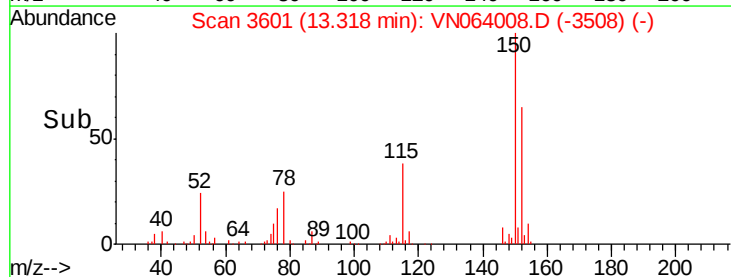
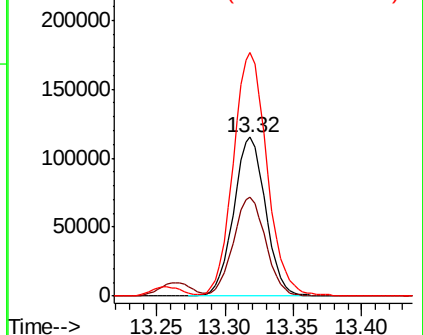
150 160.1 0.0 341.8

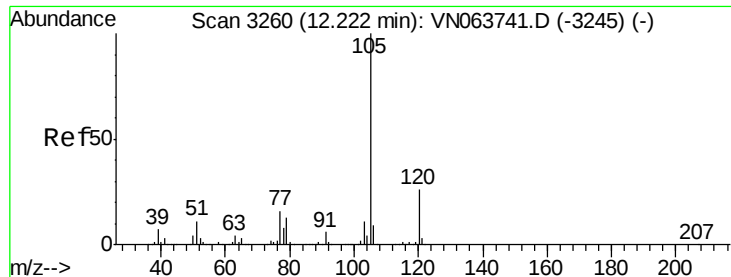


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.650 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

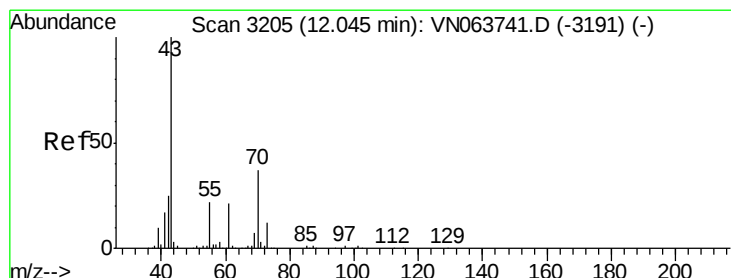
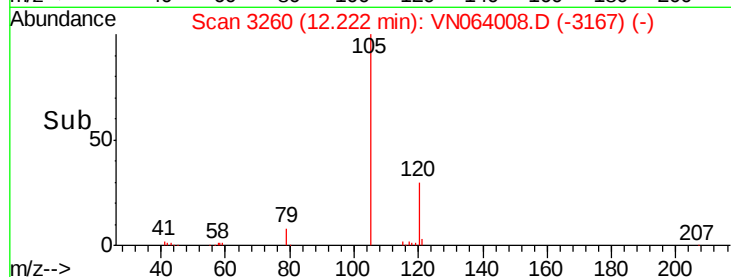
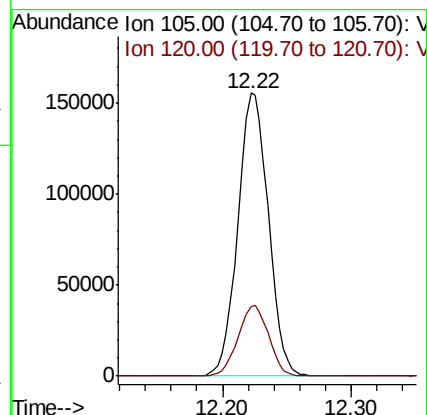
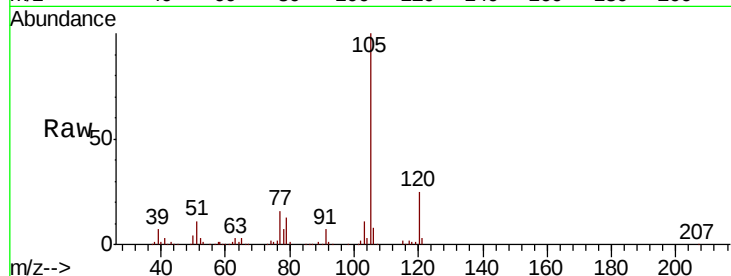
VN1008WBS02

Tot Ion:105 Resp: 256058

Ion Ratio Lower Upper

105 100

120 24.9 12.6 37.8



#74

N-ethyl acetate

Concen: 20.759 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Tgt Ion: 43 Resp: 123821

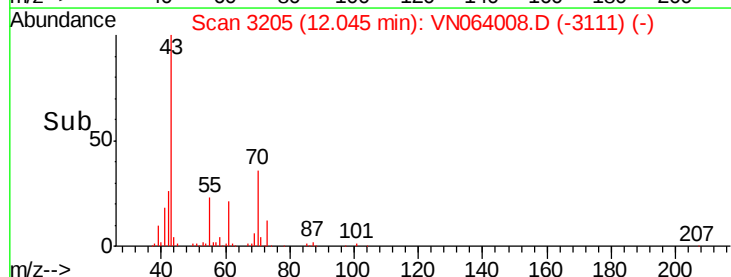
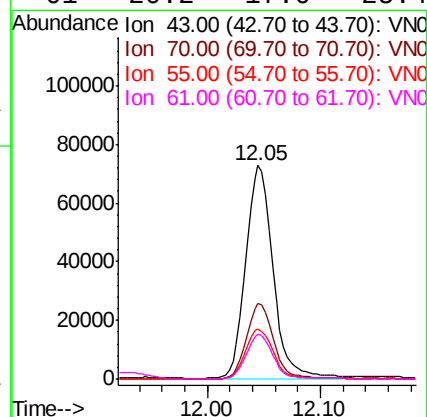
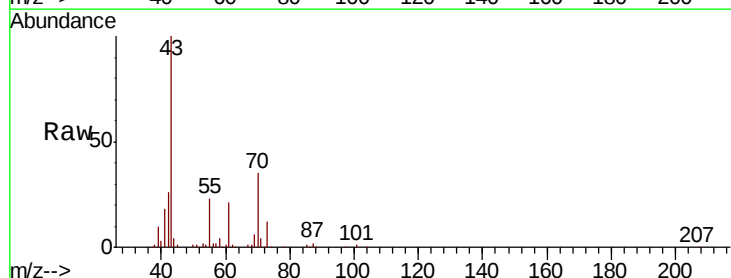
Ion Ratio Lower Upper

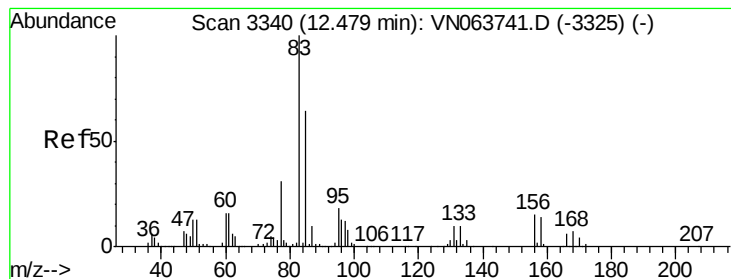
43 100

70 34.8 29.8 44.8

55 23.5 17.9 26.9

61 20.2 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.462 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

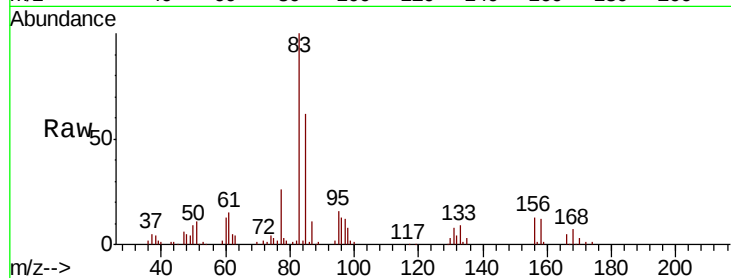
MSVOA_N

ClientSampleId :

VN1008WBS02

Tot Ion: 83 Resp: 90107

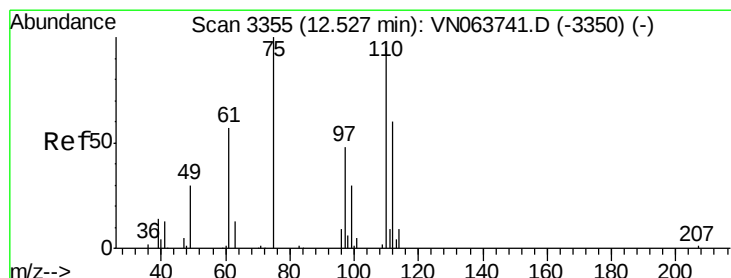
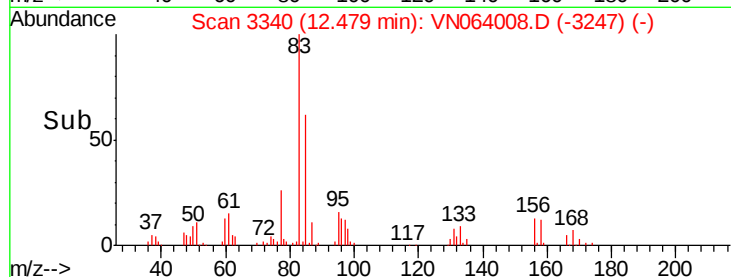
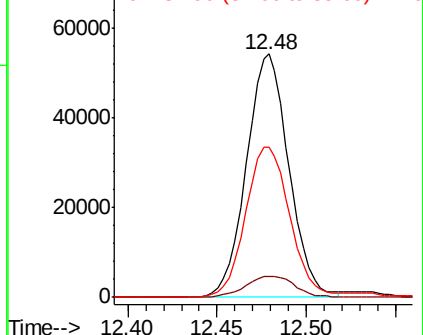
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	15.8
85	64.8	31.3	93.8



Abundance Ion 82.90 (82.60 to 83.60): VN064008.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064008.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064008.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 28.742 ug/l

RT: 12.53 min Scan# 3355

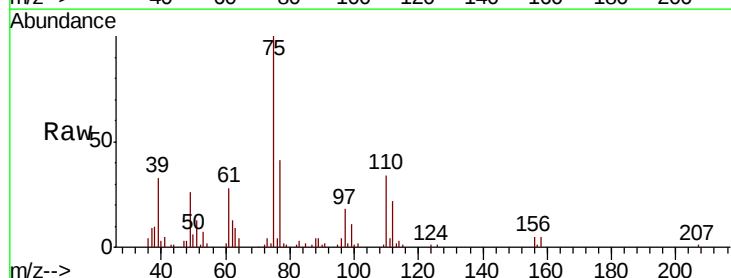
Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

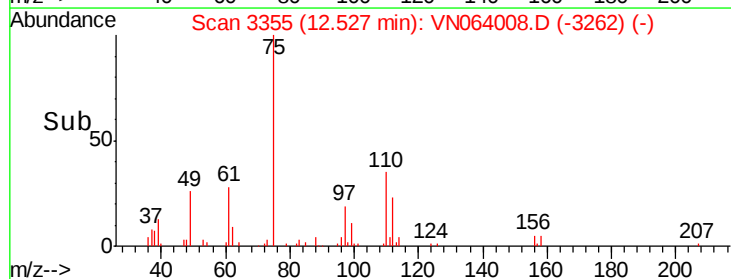
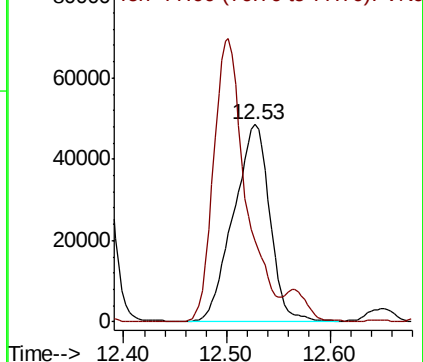
Tgt Ion: 75 Resp: 119264

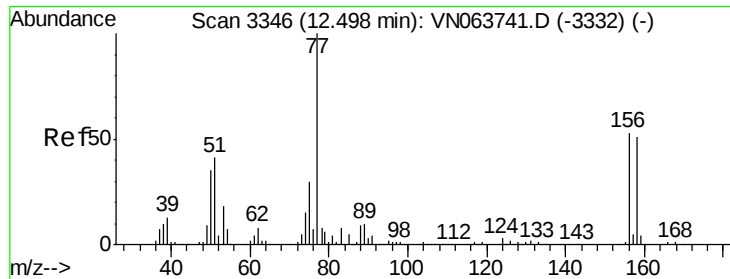
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064008.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064008.D (-3262) (-)





#77

Bromobenzene

Concen: 19.753 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS02

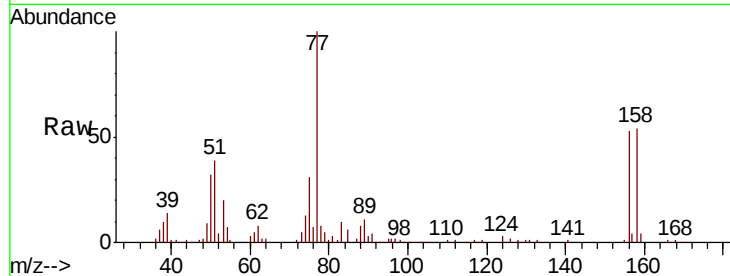
Tot Ion:156 Resp: 66546

Ion Ratio Lower Upper

156 100

77 225.8 110.9 332.7

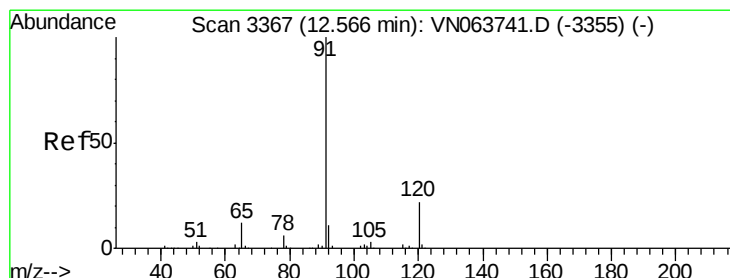
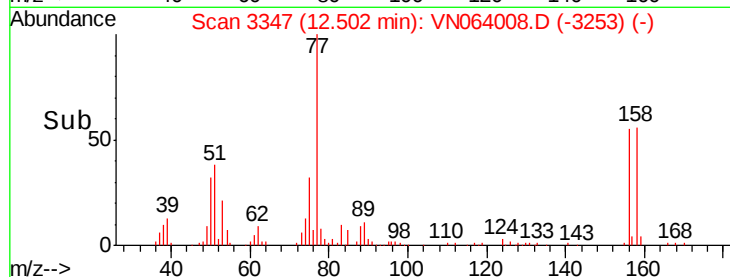
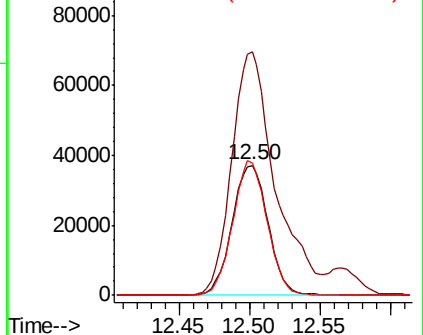
158 98.7 47.7 143.1



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: 18.023 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064008.D

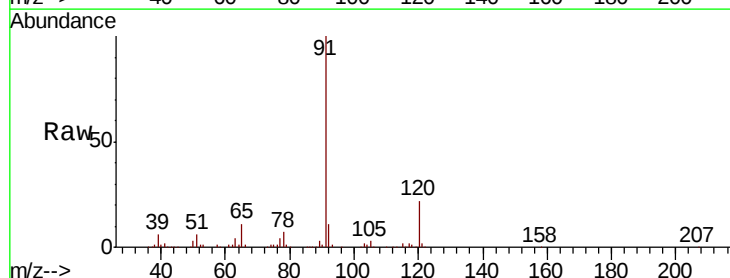
Acq: 9 Oct 2020 00:04

Tgt Ion: 91 Resp: 287995

Ion Ratio Lower Upper

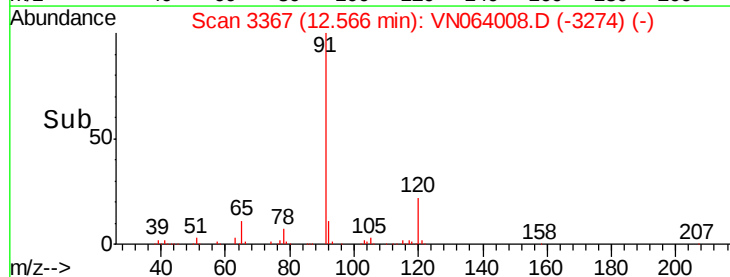
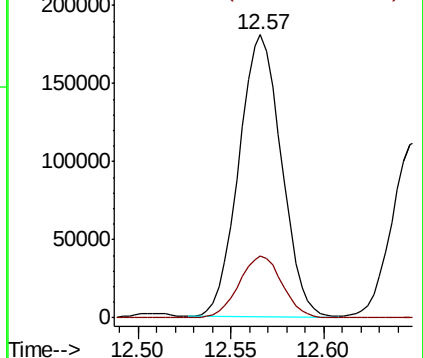
91 100

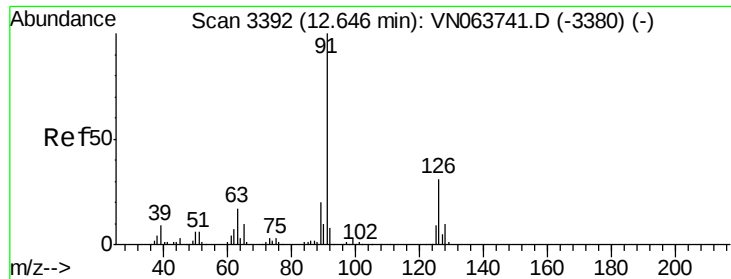
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

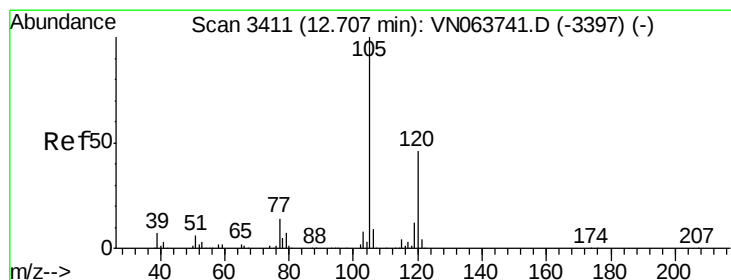
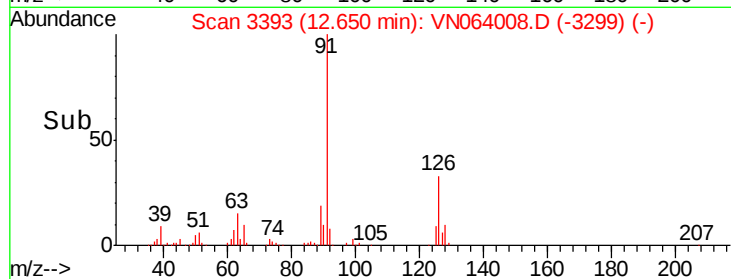
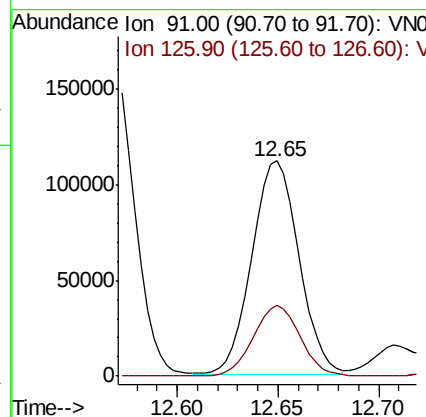
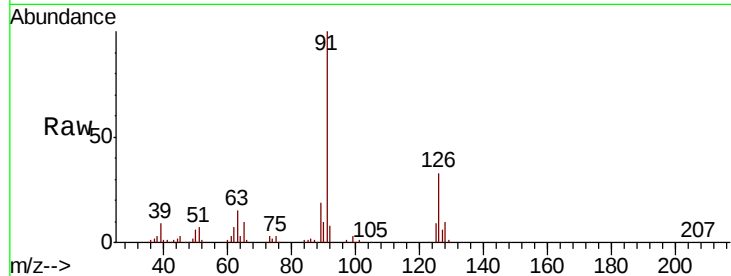




#79
 2-Chlorotoluene
 Concen: 18.704 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

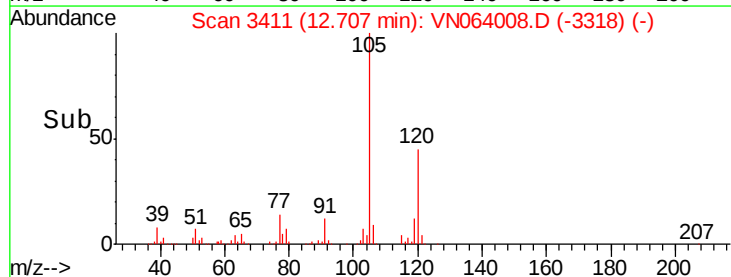
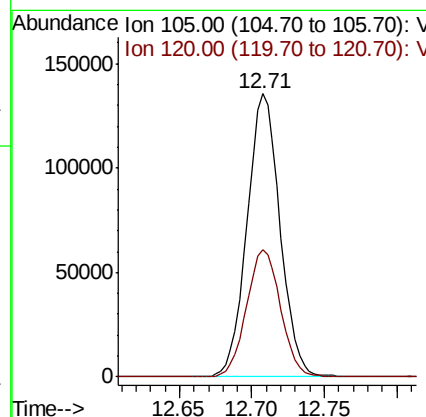
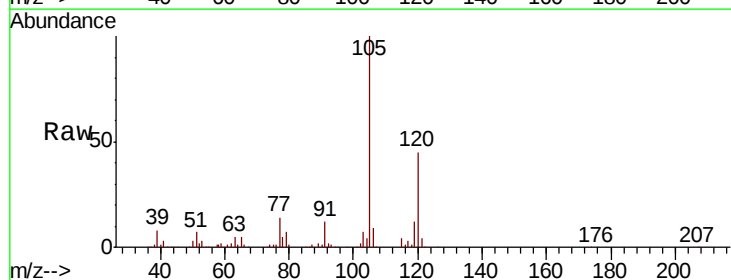
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

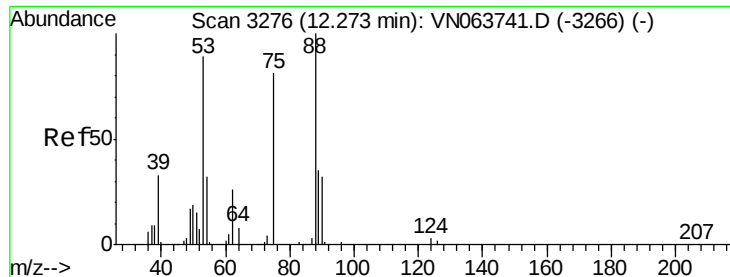
Tot Ion: 91 Resp: 183812
 Ion Ratio Lower Upper
 91 100
 126 32.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.638 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion: 105 Resp: 214684
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.824 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampled :

VN1008WBS02

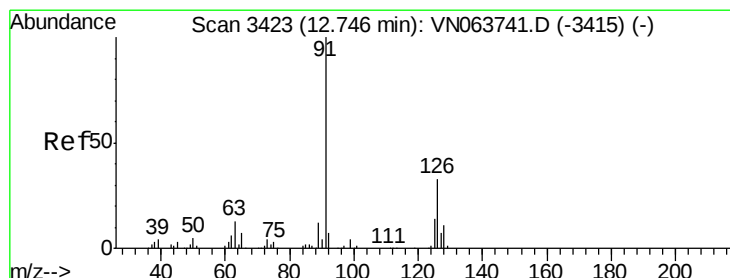
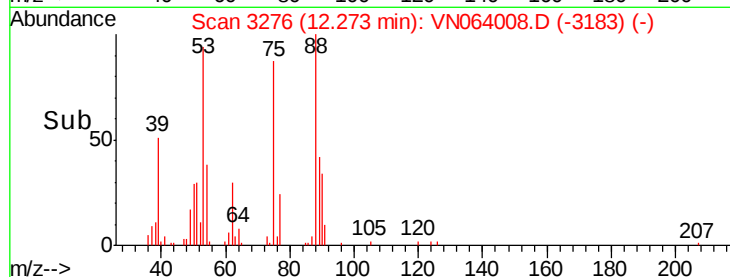
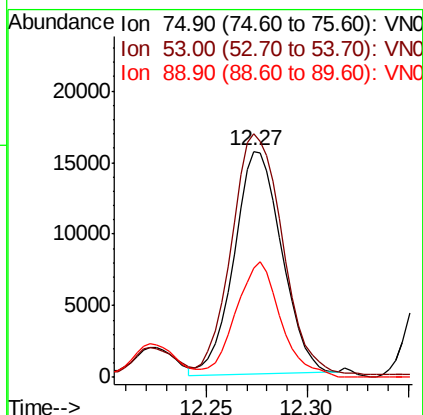
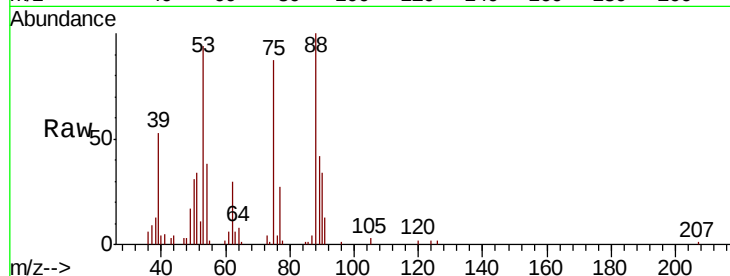
Tot Ion: 75 Resp: 25680

Ion Ratio Lower Upper

75 100

53 116.8 88.2 132.2

89 49.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 18.334 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064008.D

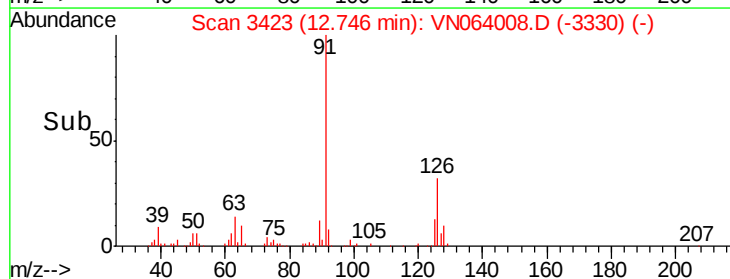
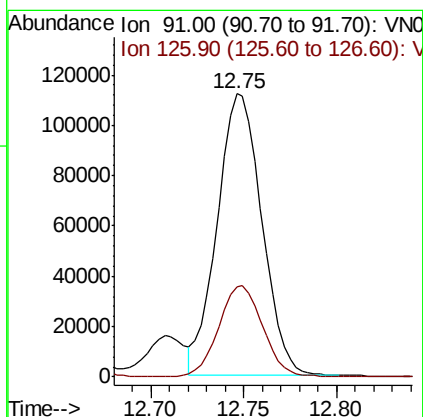
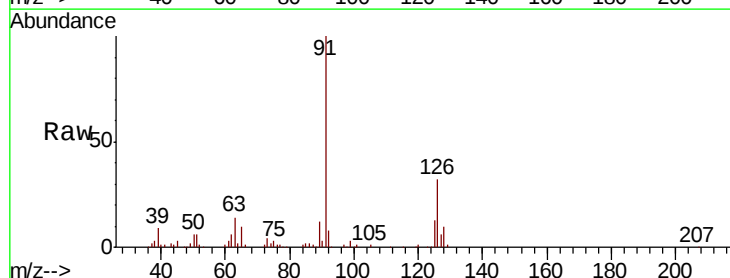
Acq: 9 Oct 2020 00:04

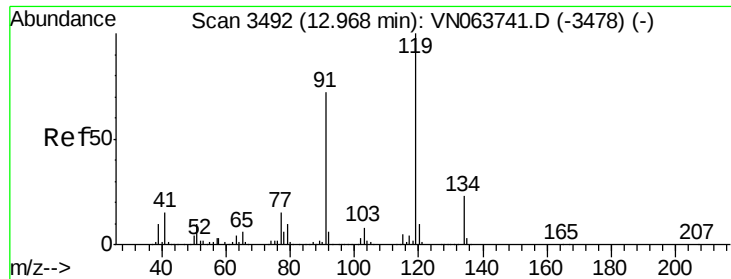
Tgt Ion: 91 Resp: 187043

Ion Ratio Lower Upper

91 100

126 31.9 15.4 46.2

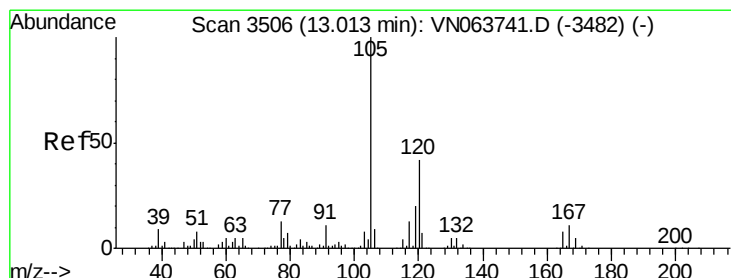
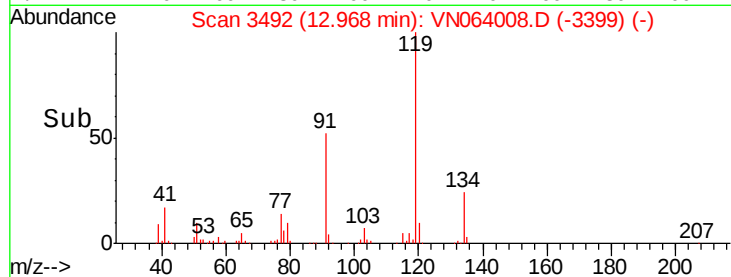
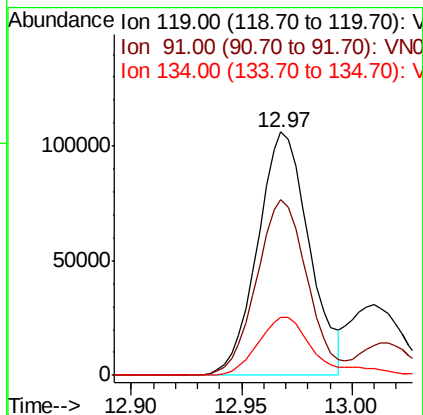
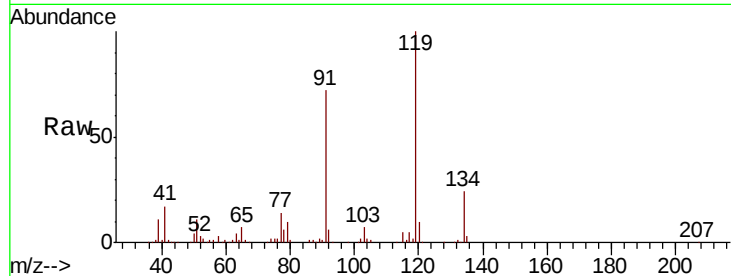




#83
 tert-Butylbenzene
 Concen: 18.229 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

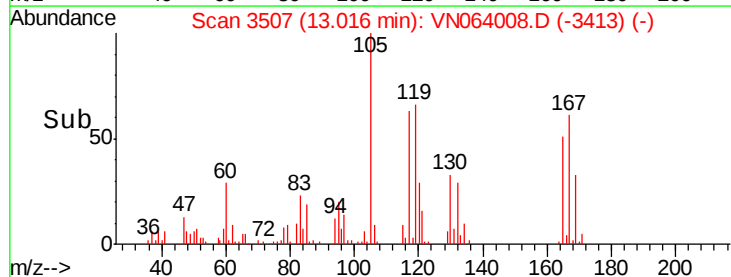
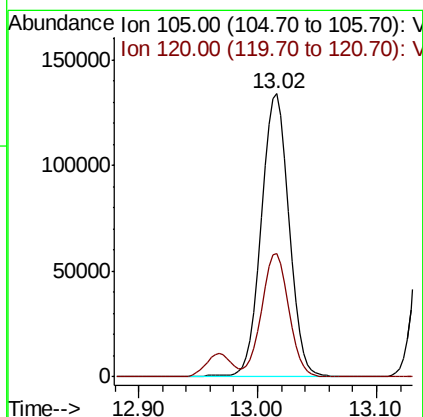
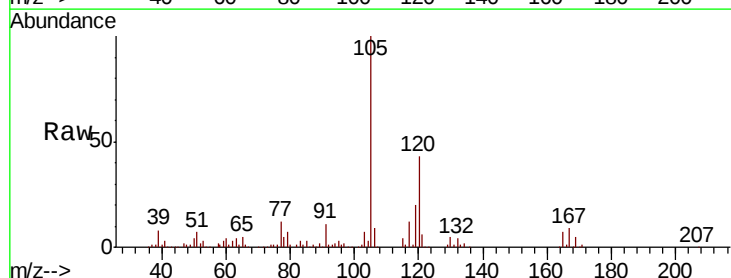
Instrument :
 MSVOA_N
 ClientSampled :
 VN1008WBS02

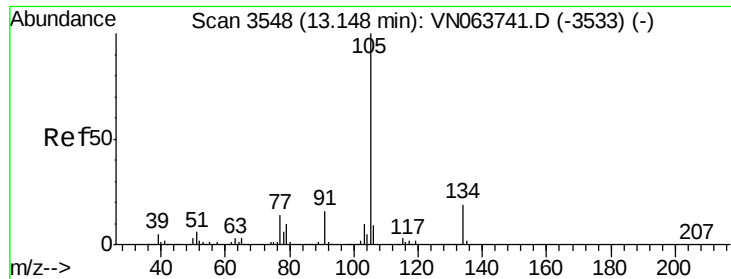
Tot Ion:119 Resp: 171750
 Ion Ratio Lower Upper
 119 100
 91 70.8 35.5 106.5
 134 26.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.897 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion:105 Resp: 217325
 Ion Ratio Lower Upper
 105 100
 120 42.6 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.248 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

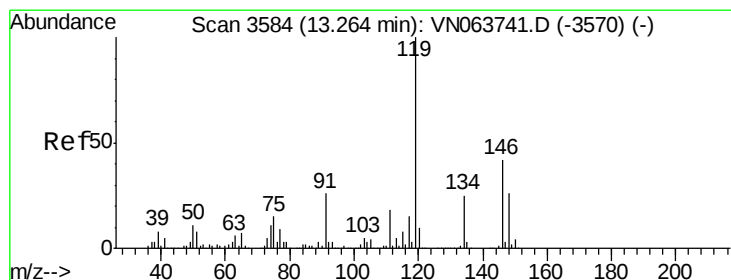
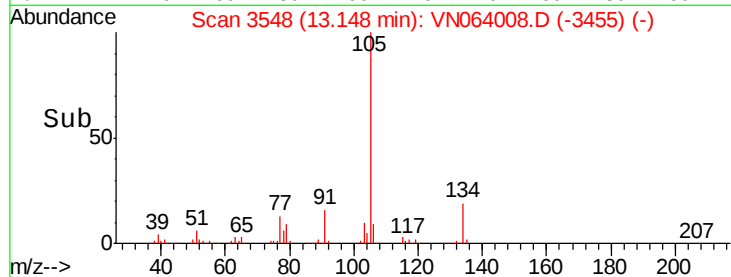
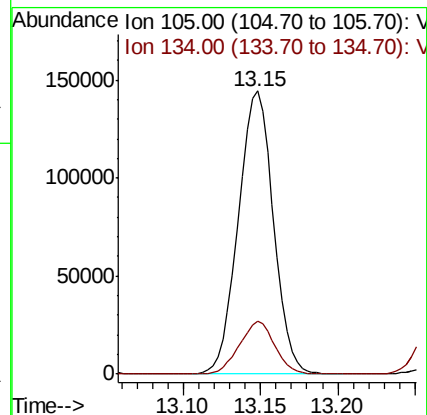
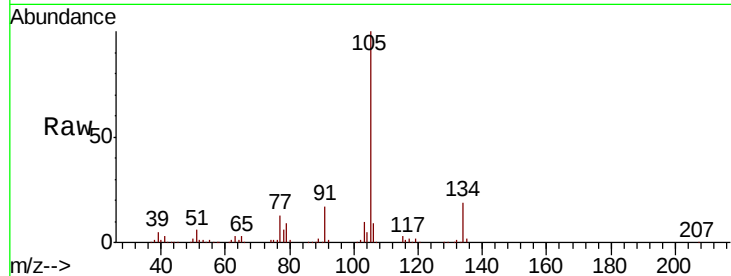
VN1008WBS02

Tot Ion:105 Resp: 225829

Ion Ratio Lower Upper

105 100

134 18.9 9.5 28.5



#86

p-Isopropyltoluene

Concen: 17.734 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

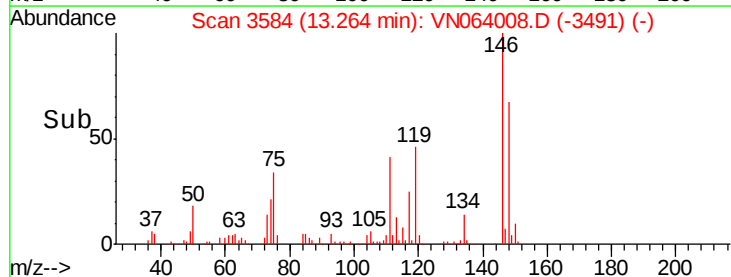
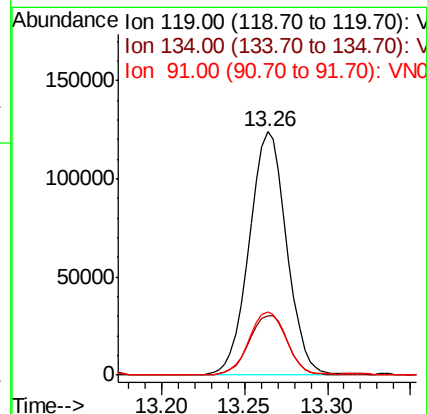
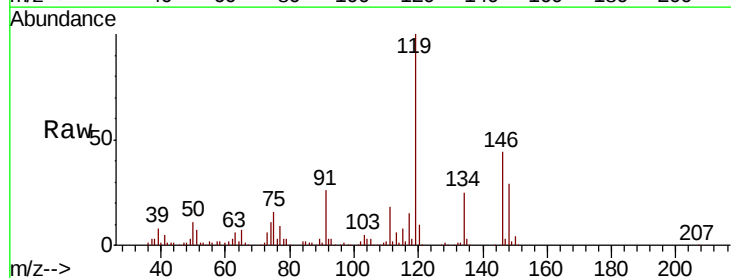
Tgt Ion:119 Resp: 194154

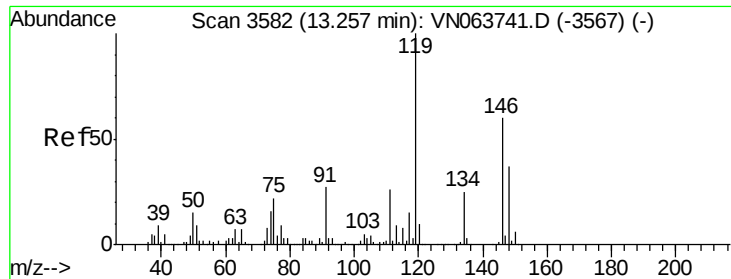
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 25.8 13.4 40.2

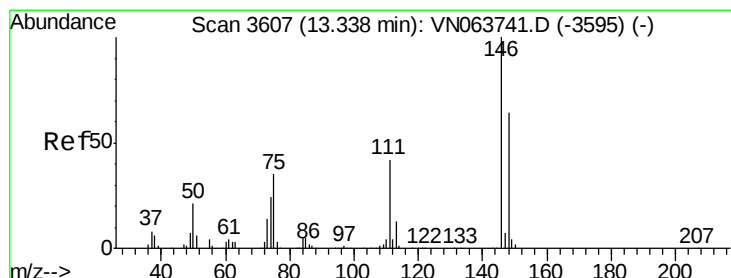
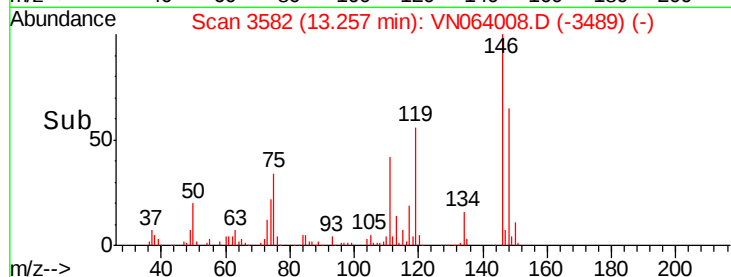
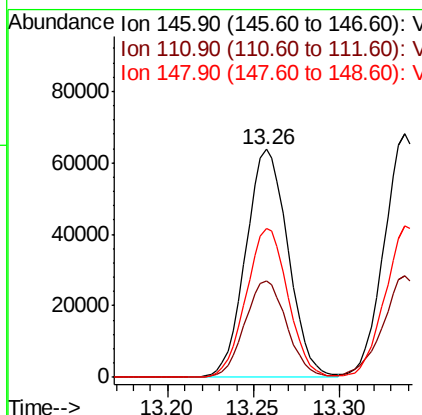
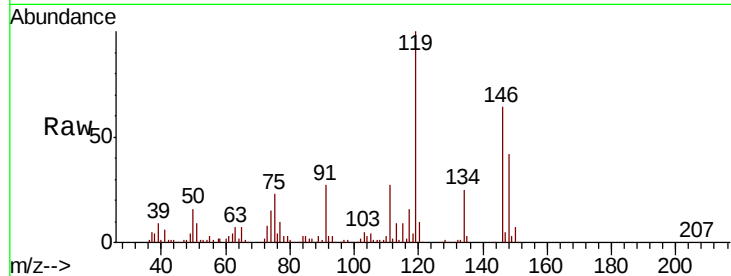




#87
 1,3-Dichlorobenzene
 Concen: 17.879 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

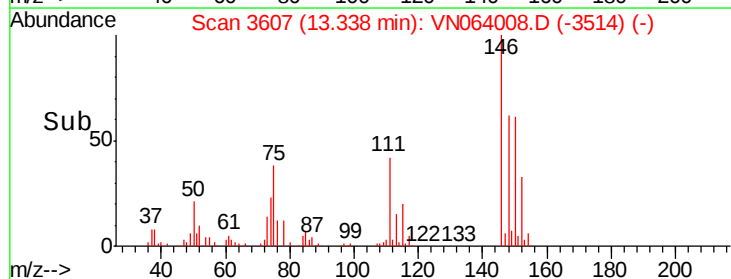
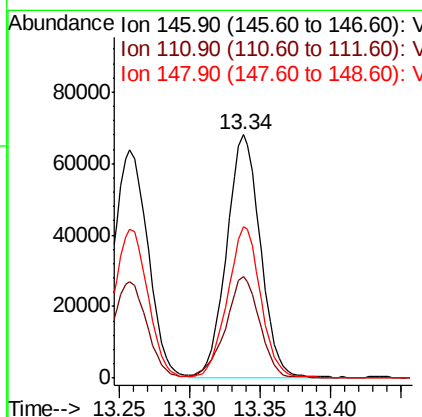
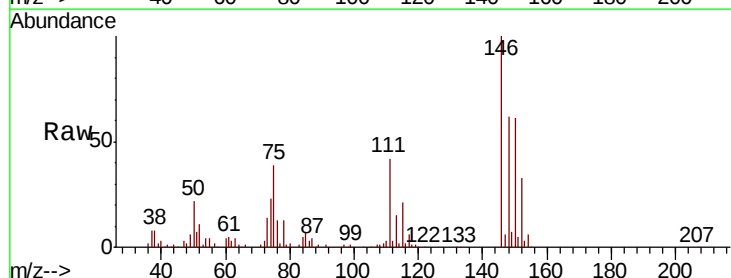
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

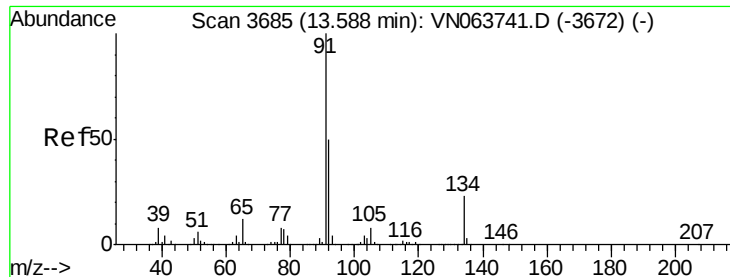
Tot Ion:146 Resp: 108969
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.5 64.5
 148 64.5 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 17.816 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion:146 Resp: 113065
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.7
 148 62.3 32.0 96.0





#89

n-Butylbenzene

Concen: 15.271 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064008.D

Acq: 9 Oct 2020 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS02

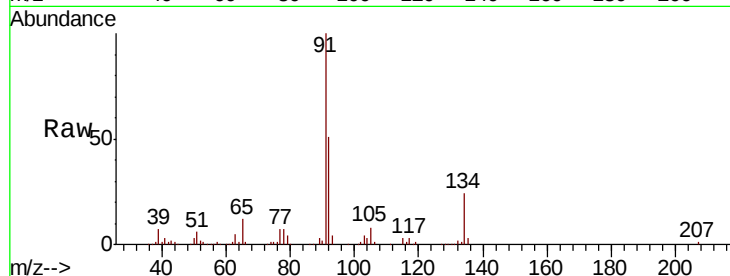
Tot Ion: 91 Resp: 154309

Ion Ratio Lower Upper

91 100

92 50.3 25.4 76.4

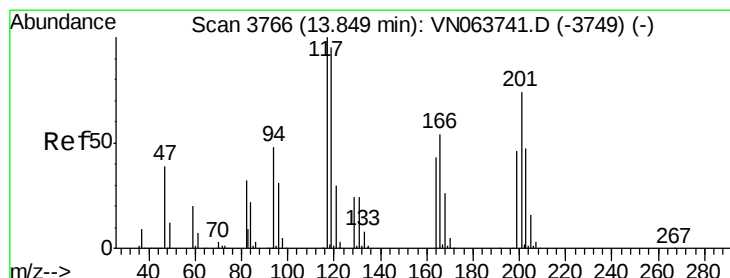
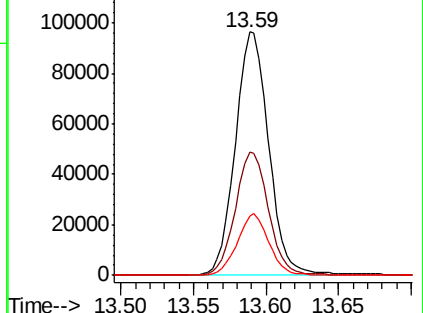
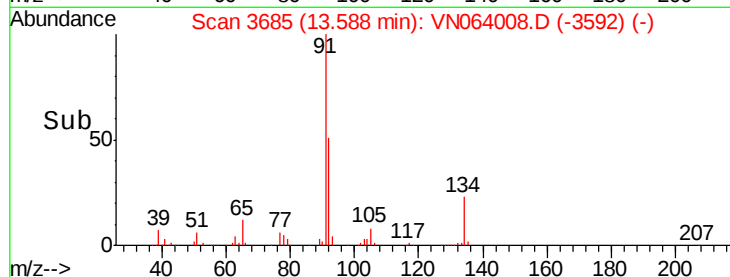
134 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 18.315 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064008.D

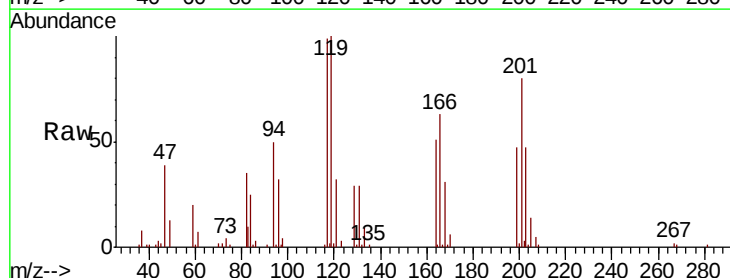
Acq: 9 Oct 2020 00:04

Tgt Ion: 117 Resp: 38854

Ion Ratio Lower Upper

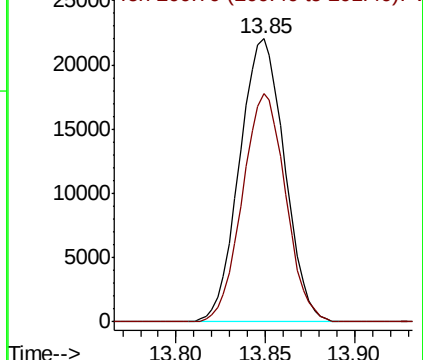
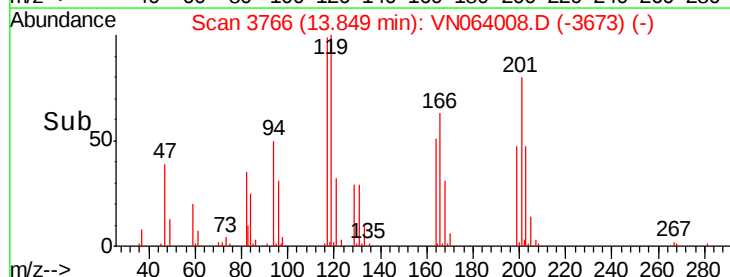
117 100

201 77.6 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

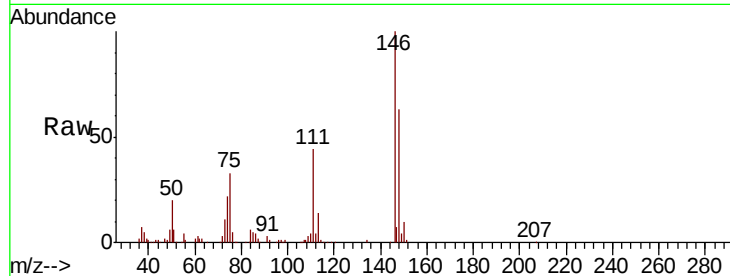




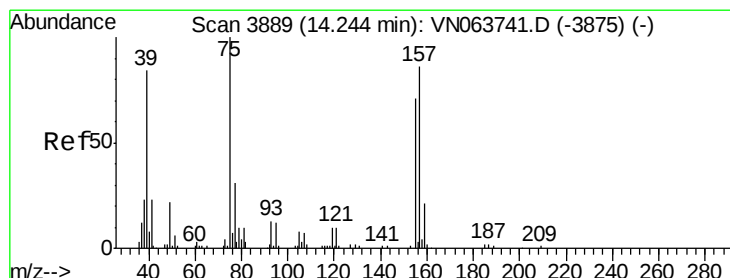
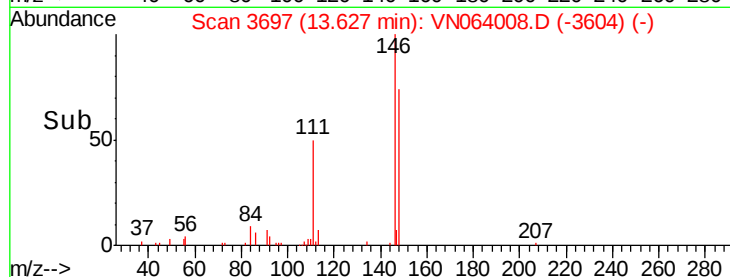
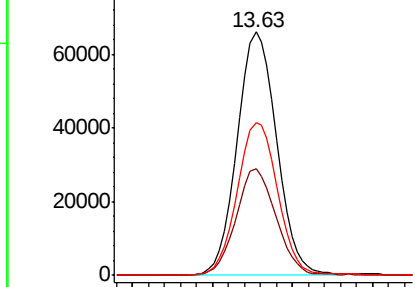
#91
 1,2-Dichlorobenzene
 Concen: 18.477 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

Tot Ion:146 Resp: 111546
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.2 66.6
 148 64.6 32.5 97.4

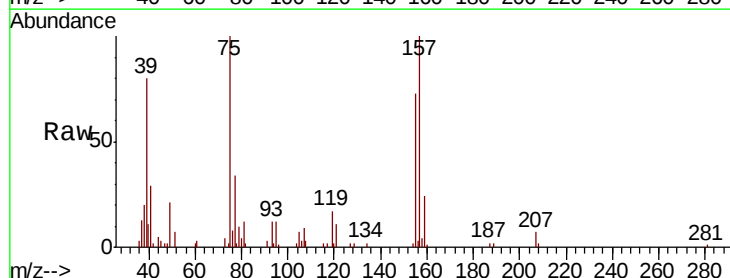


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

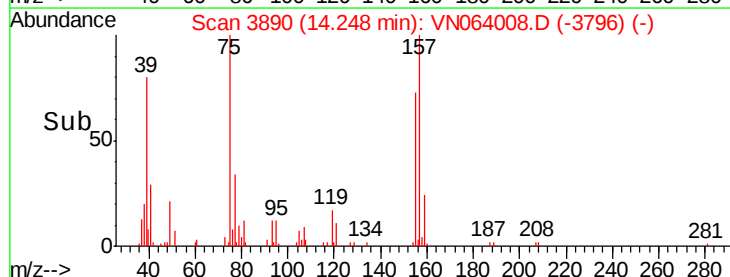
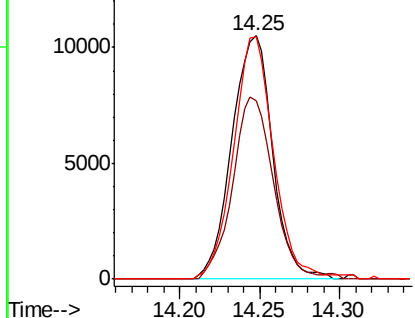


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.485 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion: 75 Resp: 18201
 Ion Ratio Lower Upper
 75 100
 155 74.4 34.8 104.5
 157 97.8 43.7 131.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

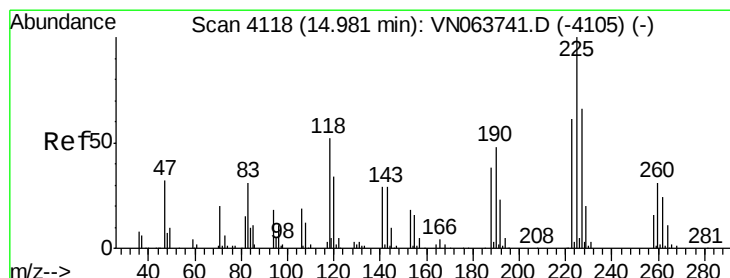
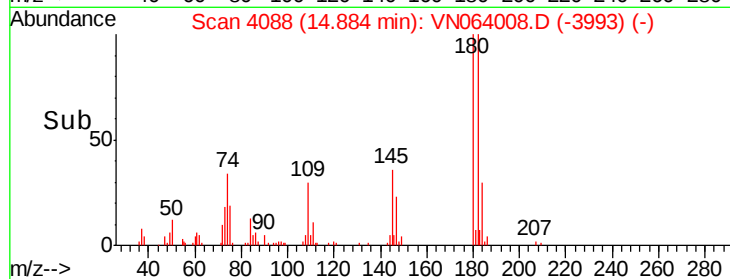
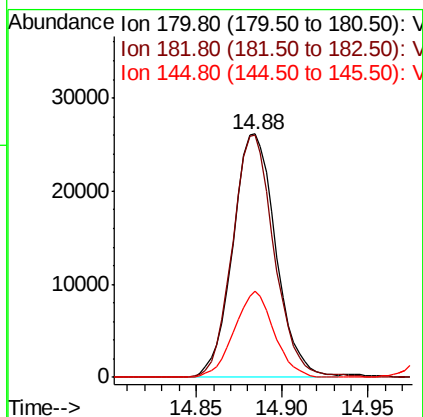
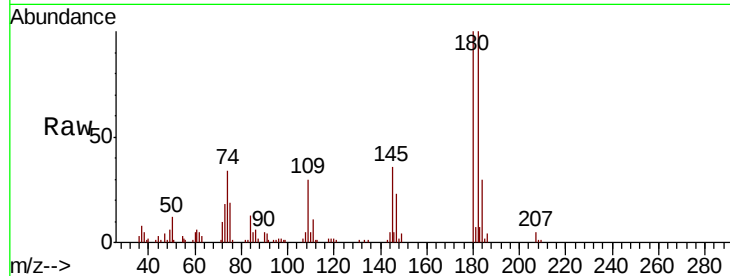




#93
 1,2,4-Trichlorobenzene
 Concen: 15.044 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

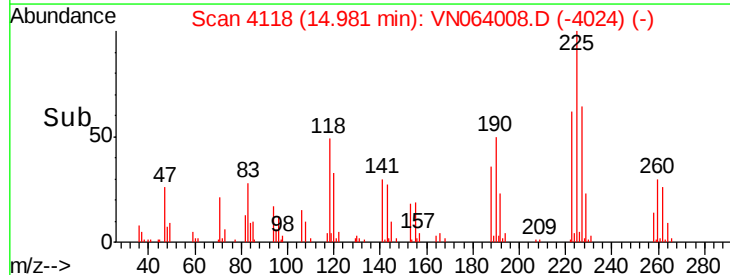
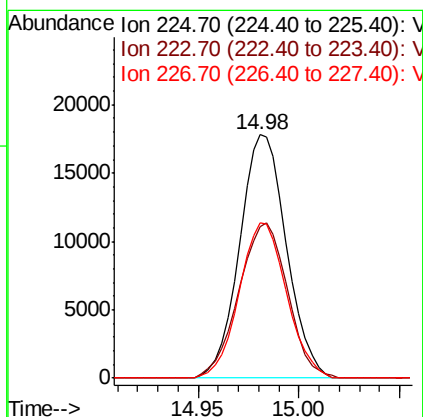
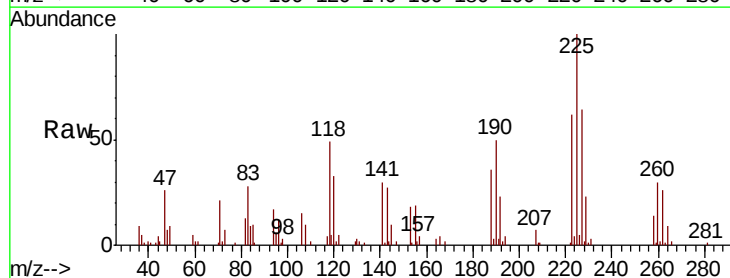
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

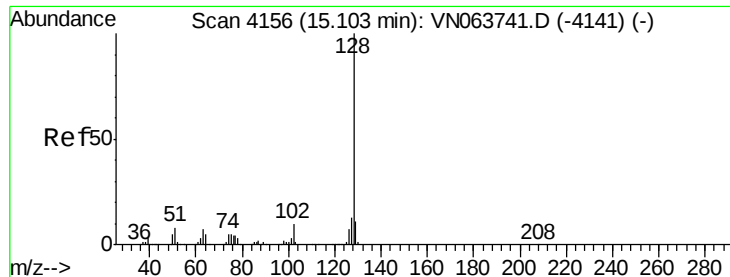
Tot Ion:180 Resp: 45256
 Ion Ratio Lower Upper
 180 100
 182 97.0 48.2 144.6
 145 32.7 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 17.737 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064008.D
 Acq: 9 Oct 2020 00:04

Tgt Ion:225 Resp: 28961
 Ion Ratio Lower Upper
 225 100
 223 66.3 30.3 91.0
 227 64.4 31.9 95.5

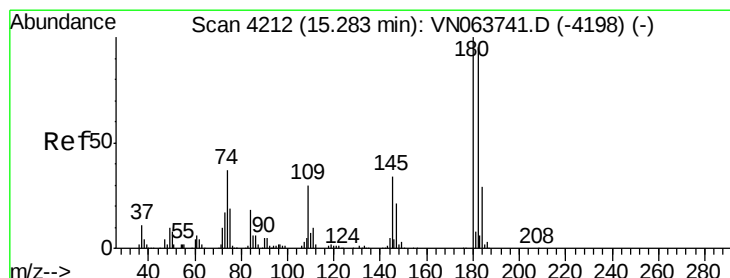
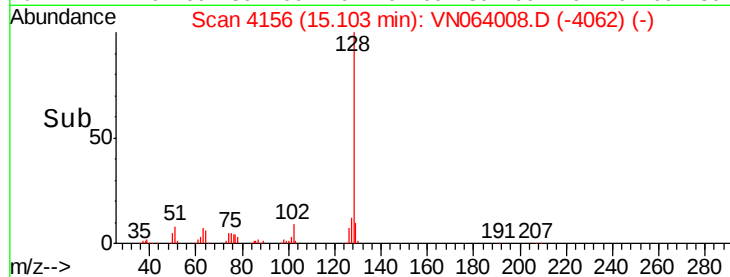
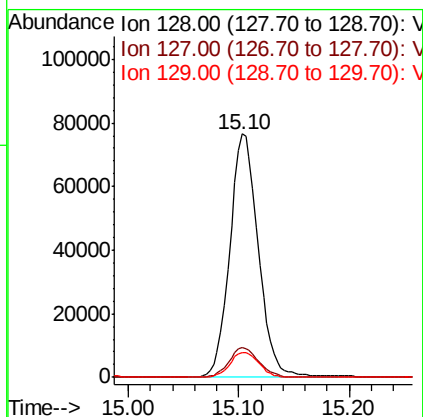
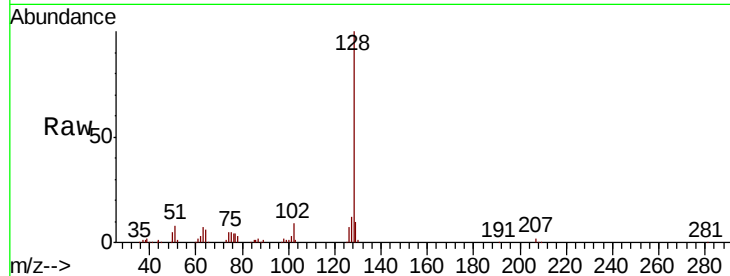




#95
Naphthalene
Concen: 14.968 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Instrument :
MSVOA_N
ClientSampled :
VN1008WBS02

Tot Ion:128 Resp: 137787
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.778 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064008.D
Acq: 9 Oct 2020 00:04

Tgt Ion:180 Resp: 46707
Ion Ratio Lower Upper
180 100
182 97.8 47.9 143.6
145 31.1 17.2 51.5

