

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063093.D
 Acq On : 24 Aug 2020 14:15
 Operator : JC/MD
 Sample : VN0824WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

Quant Time: Aug 25 00:53:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	169957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	261893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111159	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
35) Dibromofluoromethane	7.55	113	90513	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.06	98	346866	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.38	95	123617	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45096	20.473	ug/l	96
3) Chloromethane	2.03	50	50350	21.606	ug/l	99
4) Vinyl Chloride	2.16	62	48991	21.739	ug/l	96
5) Bromomethane	2.48	94	20250	15.138	ug/l	98
6) Chloroethane	2.59	64	29783	22.383	ug/l	99
7) Trichlorofluoromethane	2.93	101	59186	21.059	ug/l	98
8) Diethyl Ether	3.37	74	20202	20.319	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.69	101	29335	19.371	ug/l	98
10) Methyl Iodide	3.89	142	36186	18.851	ug/l	99
11) Tert butyl alcohol	4.78	59	17948	62.905	ug/l	98
12) 1,1-Dichloroethene	3.67	96	27456	19.032	ug/l	98
13) Acrolein	3.57	56	2125	23.774	ug/l #	73
14) Allyl chloride	4.26	41	49275	19.372	ug/l	97
15) Acrylonitrile	4.93	53	88223	105.202	ug/l	99
16) Acetone	3.78	43	64011	99.545	ug/l	96
17) Carbon Disulfide	3.99	76	69498	18.395	ug/l	97
18) Methyl Acetate	4.28	43	43196	21.579	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	109392	21.743	ug/l	100
20) Methylene Chloride	4.49	84	37648	20.409	ug/l	97
21) trans-1,2-Dichloroethene	4.97	96	29752	19.706	ug/l	98
22) Diisopropyl ether	5.90	45	126082	21.843	ug/l	95
23) Vinyl Acetate	5.84	43	394173	101.195	ug/l	100
24) 1,1-Dichloroethane	5.79	63	65970	20.452	ug/l	99
25) 2-Butanone	6.80	43	106527	99.614	ug/l	96
26) 2,2-Dichloropropane	6.77	77	51561	20.326	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37435	19.782	ug/l	98
28) Bromochloromethane	7.15	49	35410	20.981	ug/l	98
29) Tetrahydrofuran	7.17	42	71468	103.548	ug/l	99
30) Chloroform	7.33	83	66572	20.493	ug/l	97
31) Cyclohexane	7.61	56	57970	19.526	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	54428	20.522	ug/l	98
36) 1,1-Dichloropropene	7.75	75	43691	18.931	ug/l	99
37) Ethyl Acetate	6.88	43	42844	19.812	ug/l	98
38) Carbon Tetrachloride	7.73	117	45336	19.457	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48392	16.608	ug/l	97
40) Benzene	8.00	78	143992	19.671	ug/l	98
41) Methacrylonitrile	7.12	41	20225	19.629	ug/l #	93
42) 1,2-Dichloroethane	8.09	62	50899	20.709	ug/l	98
43) Isopropyl Acetate	8.13	43	71697	20.012	ug/l #	91
44) Trichloroethene	8.80	130	34610	19.008	ug/l	98
45) 1,2-Dichloropropane	9.09	63	42380	20.029	ug/l	99
46) Dibromomethane	9.18	93	24938	20.402	ug/l	98
47) Bromodichloromethane	9.37	83	53281	19.902	ug/l	100
48) Methyl methacrylate	9.17	41	34532	20.371	ug/l	97
49) 1,4-Dioxane	9.18	88	6287	181.256	ug/l #	88
51) 4-Methyl-2-Pentanone	9.96	43	244322	107.888	ug/l	98
52) Toluene	10.12	92	90122	20.410	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	56874	20.543	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	61840	20.362	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	39779	21.068	ug/l	98
56) Ethyl methacrylate	10.40	69	52869	19.239	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64439	20.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	65531	100.123	ug/l	99
59) 2-Hexanone	10.73	43	168481	106.660	ug/l	97
60) Dibromochloromethane	10.87	129	41831	20.020	ug/l	99
61) 1,2-Dibromoethane	10.98	107	38294	21.108	ug/l	99
64) Tetrachloroethene	10.60	164	30966	18.638	ug/l	98
65) Chlorobenzene	11.41	112	99942	19.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38570	19.535	ug/l	99
67) Ethyl Benzene	11.49	91	167404	19.517	ug/l	100
68) m/p-Xylenes	11.60	106	127877	40.114	ug/l	99
69) o-Xylene	11.92	106	61535	20.101	ug/l	100
70) Styrene	11.94	104	108211	19.051	ug/l	99
71) Bromoform	12.10	173	32035	20.384	ug/l #	100
73) Isopropylbenzene	12.23	105	164737	19.497	ug/l	99
74) N-amyl acetate	12.05	43	66423	21.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	60286	21.139	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	71342	29.747	ug/l #	100
77) Bromobenzene	12.50	156	46203	19.883	ug/l	98
78) n-propylbenzene	12.57	91	188780	19.602	ug/l	99
79) 2-Chlorotoluene	12.65	91	116754	19.274	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	137863	19.738	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	18221	20.866	ug/l	97
82) 4-Chlorotoluene	12.75	91	120199	19.487	ug/l	97
83) tert-Butylbenzene	12.97	119	115607	19.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	130380	19.161	ug/l	100
85) sec-Butylbenzene	13.15	105	151619	18.610	ug/l	99
86) p-Isopropyltoluene	13.26	119	129527	18.246	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	81136	20.316	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	81564	20.122	ug/l	99
89) n-Butylbenzene	13.59	91	100534	16.884	ug/l	99
90) Hexachloroethane	13.85	117	27247	18.058	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	79700	20.660	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9691	22.774	ug/l	99

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Misc : 5.00mL/MSVOA N/WATER
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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

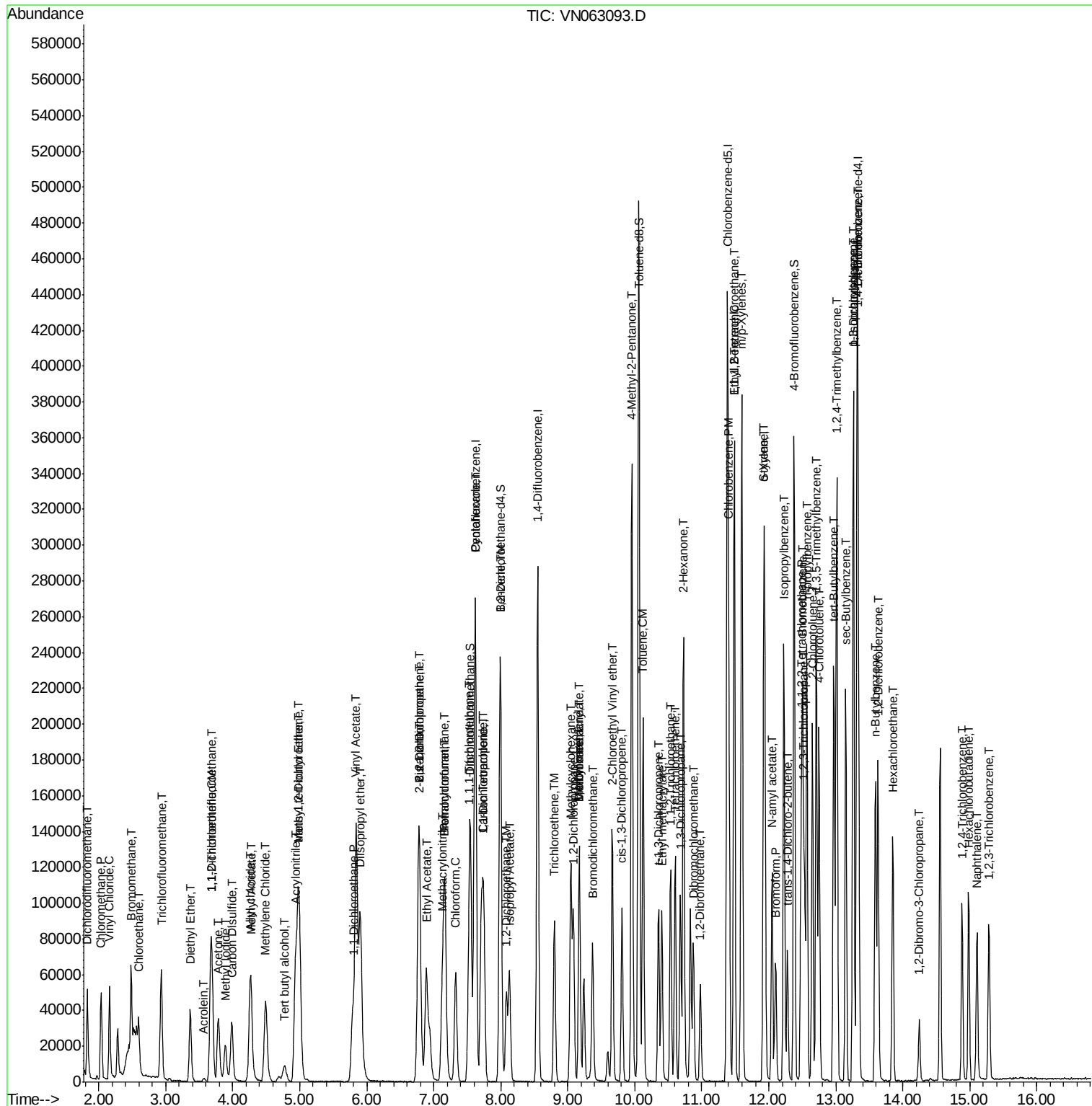
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	34605	19.257	ug/l	98
94) Hexachlorobutadiene	14.98	225	22809	16.001	ug/l	98
95) Naphthalene	15.11	128	76214	19.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31955	18.001	ug/l	97

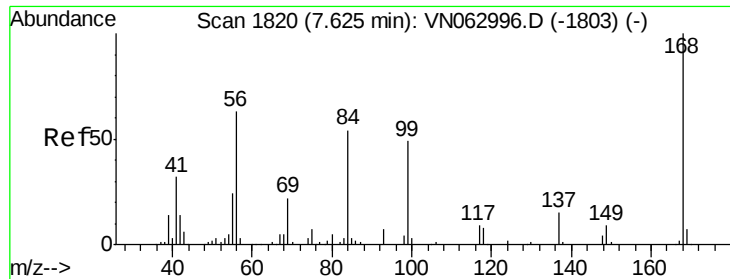
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

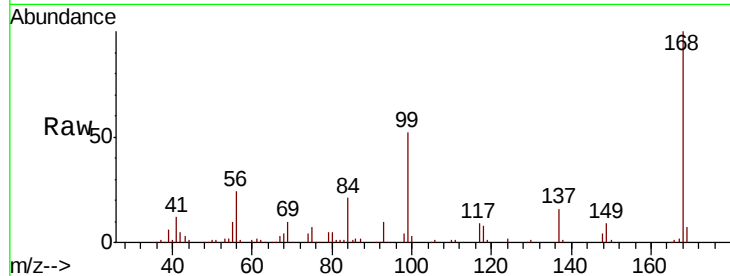
VN0824WBSD01

Tot Ion:168 Resp: 169957

Ion Ratio Lower Upper

168 100

99 52.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

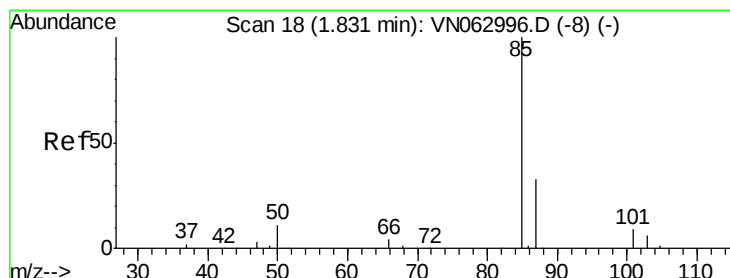
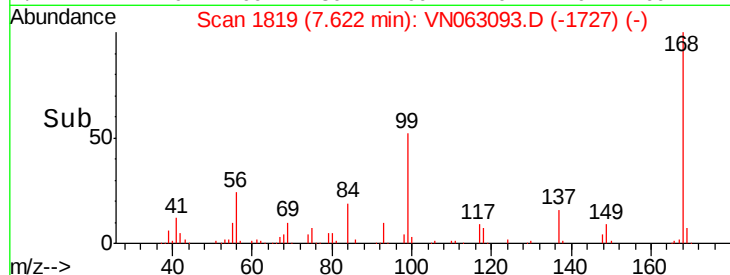
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.473 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN063093.D

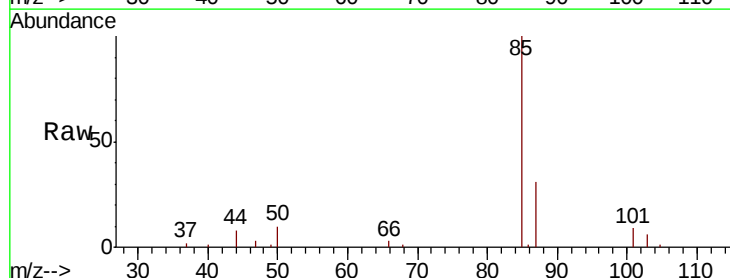
Acq: 24 Aug 2020 14:15

Tgt Ion: 85 Resp: 45096

Ion Ratio Lower Upper

85 100

87 30.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

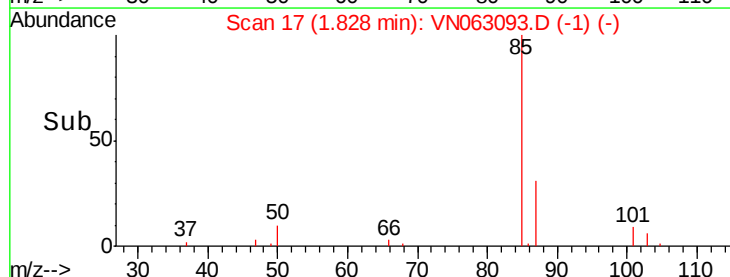
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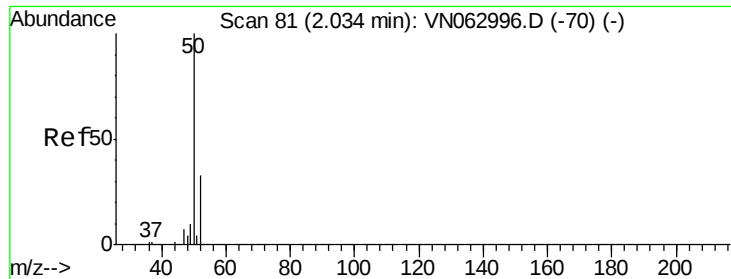
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0

1.75 1.80 1.85 1.90

Time-->

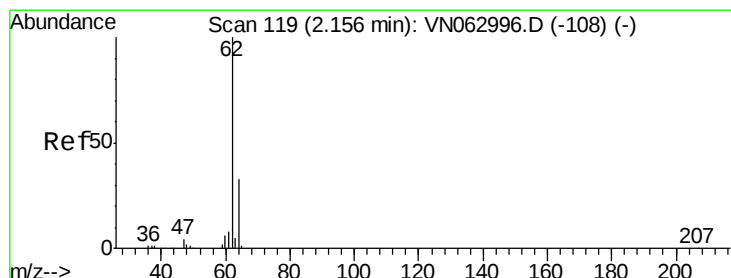
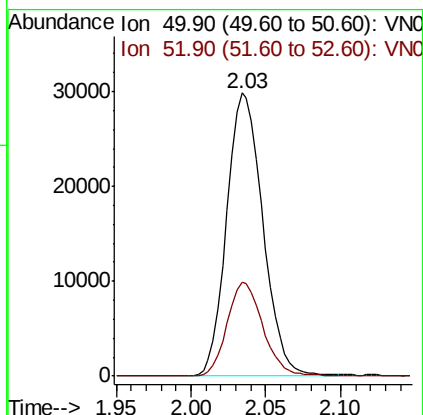
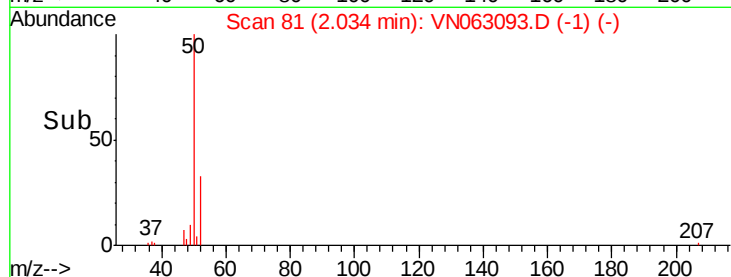
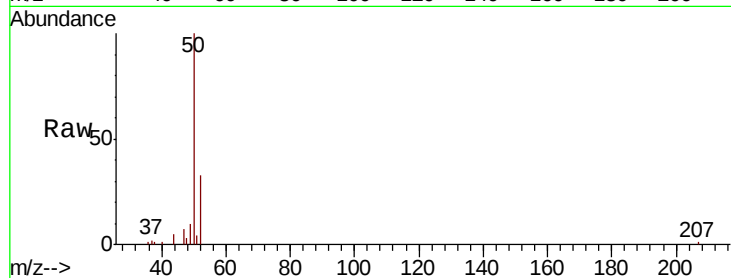




#3
Chloromethane
Concen: 21.606 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

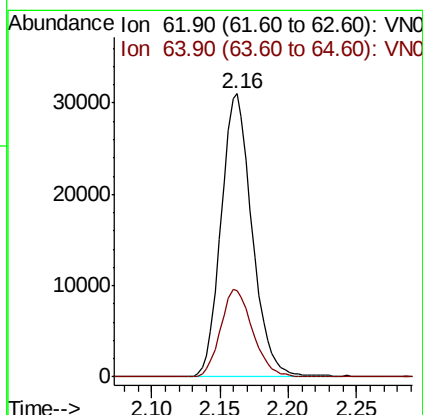
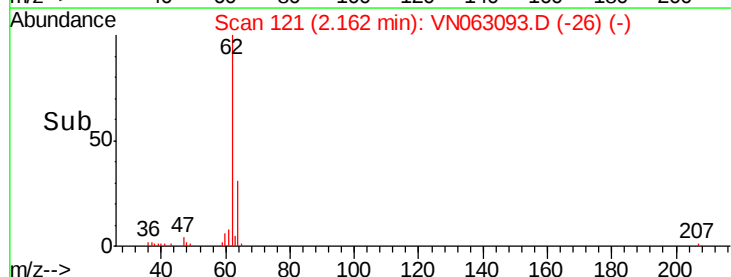
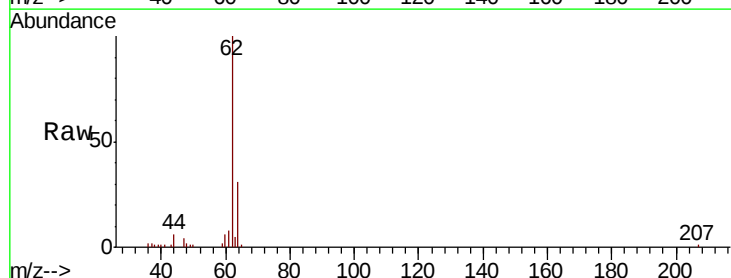
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

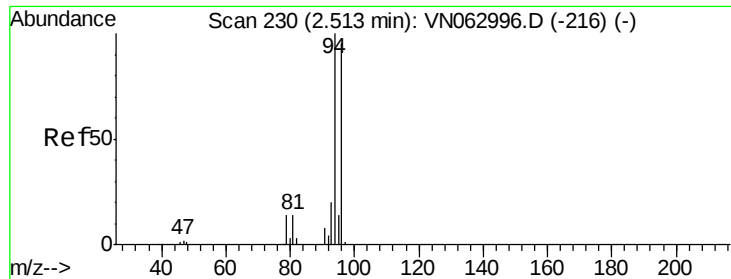
Tot Ion: 50 Resp: 50350
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 21.739 ug/l
RT: 2.16 min Scan# 121
Delta R.T. 0.01 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 62 Resp: 48991
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2

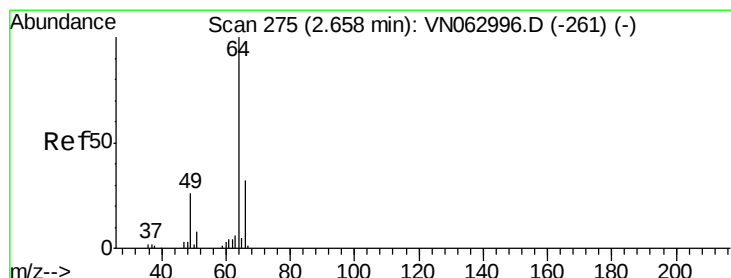
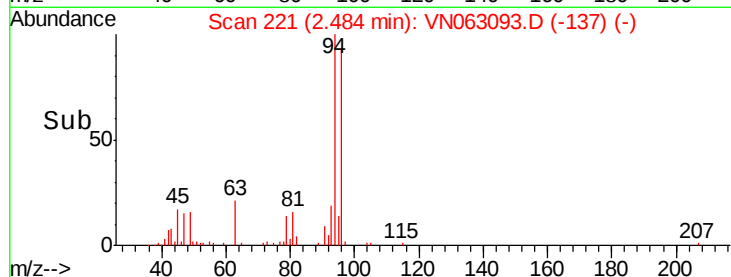
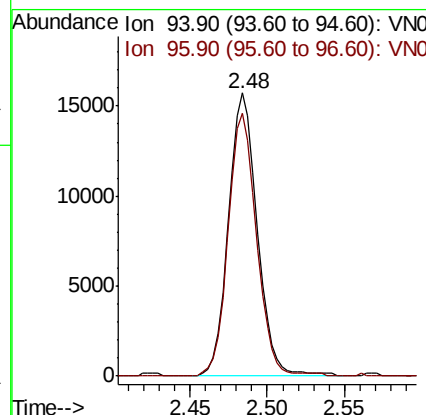
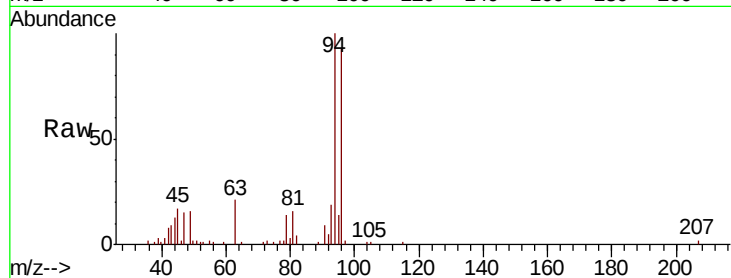




#5
Bromomethane
Concen: 15.138 ug/l
RT: 2.48 min Scan# 221
Delta R.T. -0.03 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

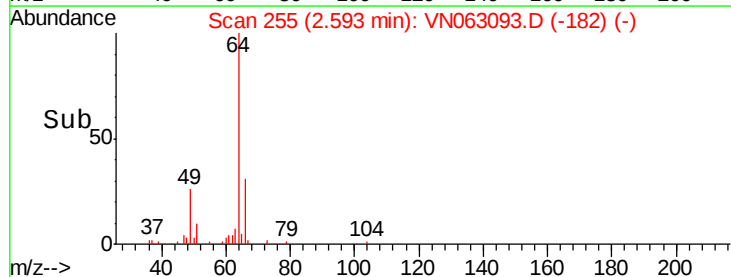
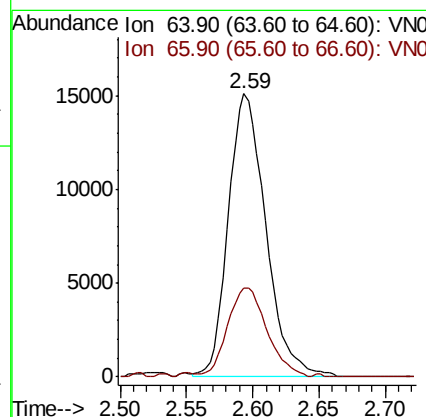
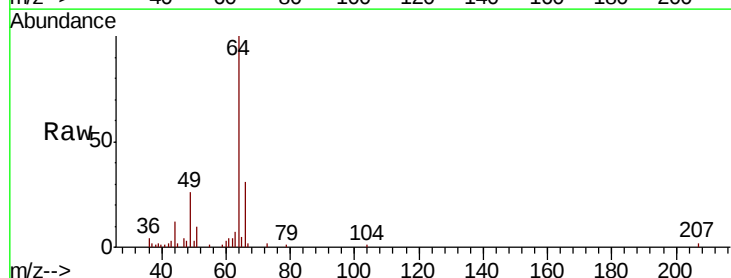
Instrument :
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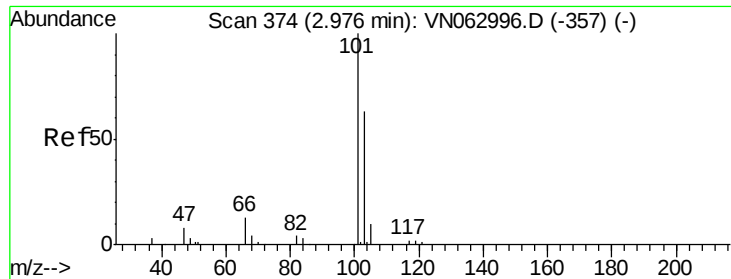
Tot Ion: 94 Resp: 20250
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.8



#6
Chloroethane
Concen: 22.383 ug/l
RT: 2.59 min Scan# 255
Delta R.T. -0.06 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 64 Resp: 29783
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0



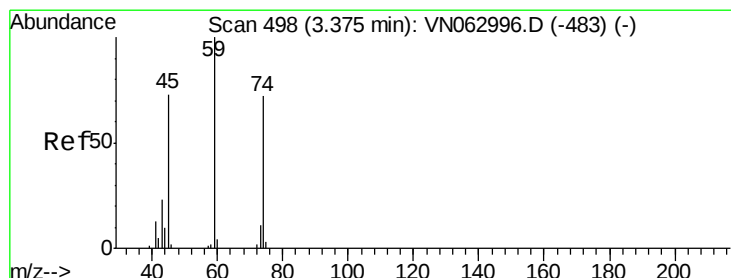
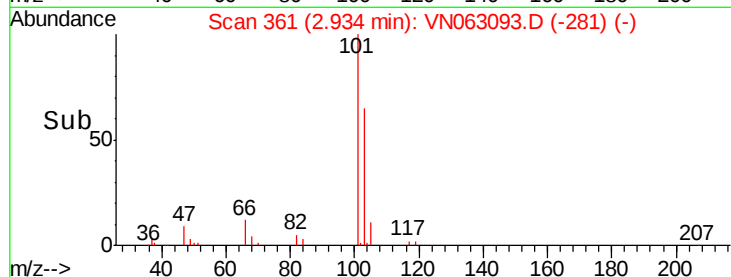
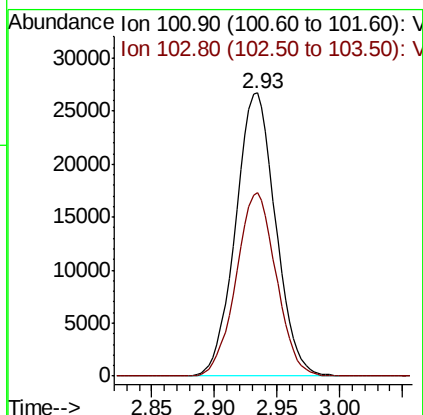
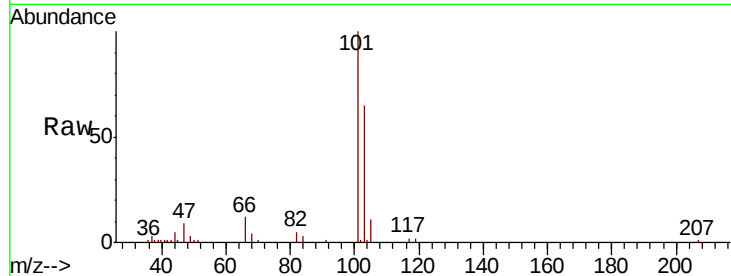


#7

Trichlorofluoromethane
 Concen: 21.059 ug/l
 RT: 2.93 min Scan# 361
 Delta R.T. -0.04 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Instrument :
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 ClientSampleId :
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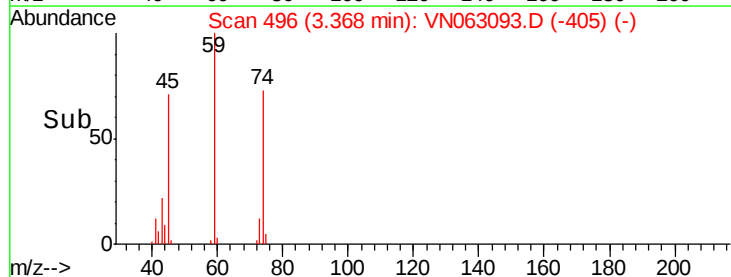
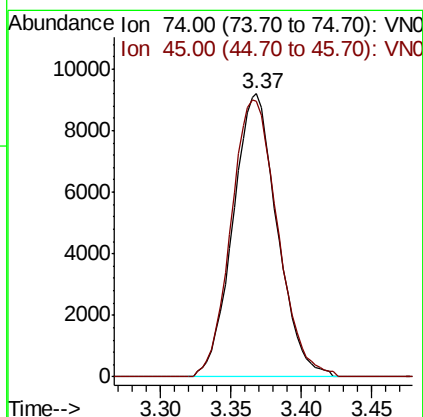
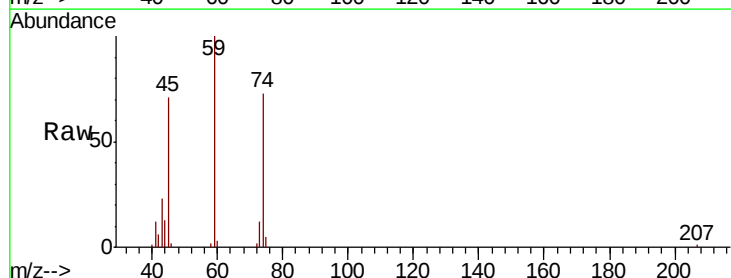
Tot Ion:101 Resp: 59186
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.5 75.7

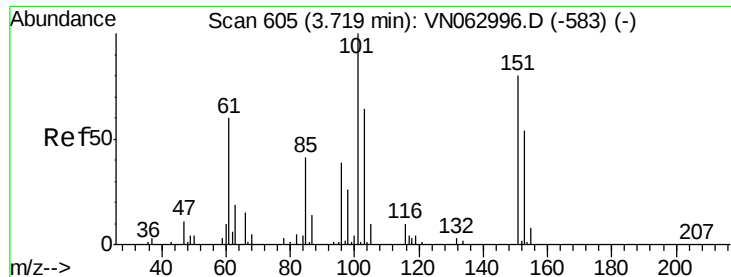


#8

Diethyl Ether
 Concen: 20.319 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion: 74 Resp: 20202
 Ion Ratio Lower Upper
 74 100
 45 102.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.371 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.03 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

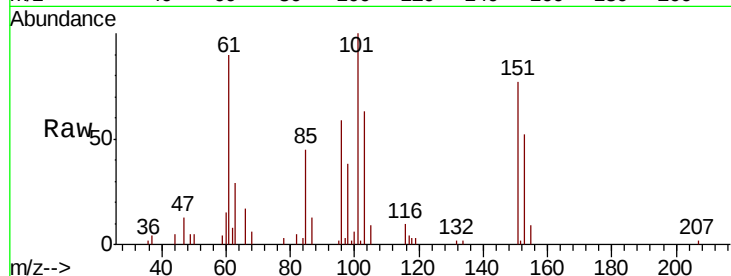
Tot Ion:101 Resp: 29335

Ion Ratio Lower Upper

101 100

85 44.3 34.0 51.0

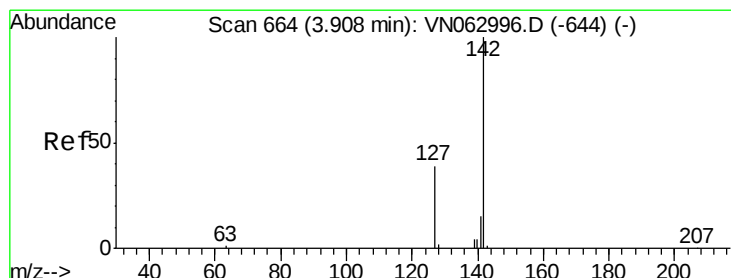
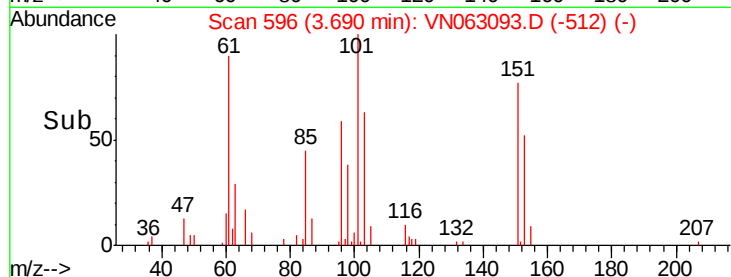
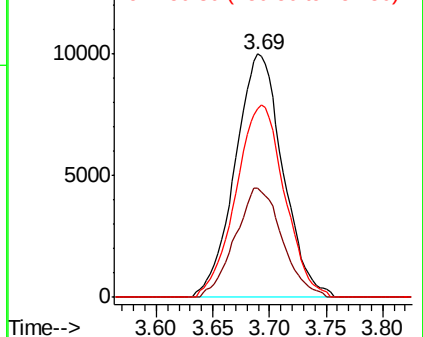
151 80.7 65.8 98.8



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: 18.851 ug/l

RT: 3.89 min Scan# 658

Delta R.T. -0.02 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

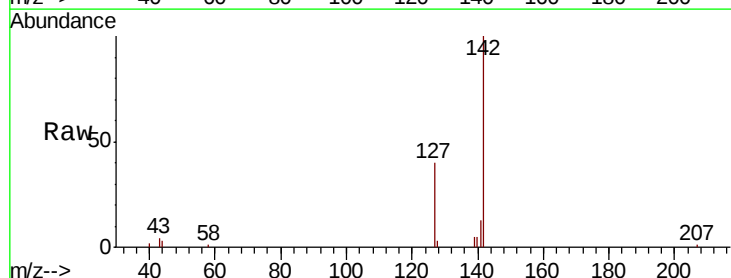
Tgt Ion:142 Resp: 36186

Ion Ratio Lower Upper

142 100

127 41.0 32.2 48.4

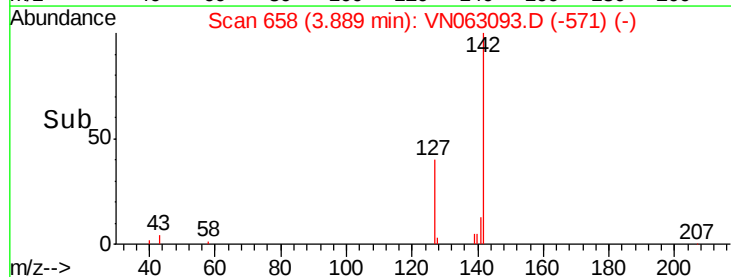
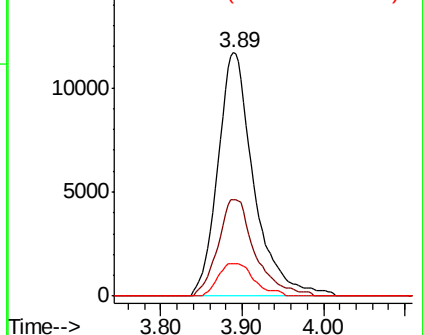
141 13.4 11.3 16.9

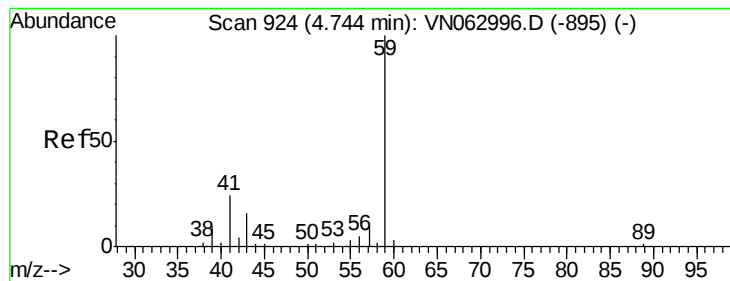


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



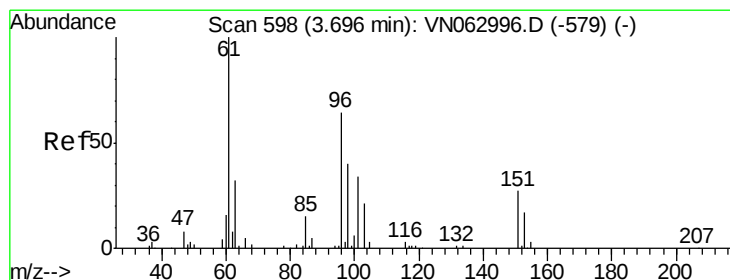
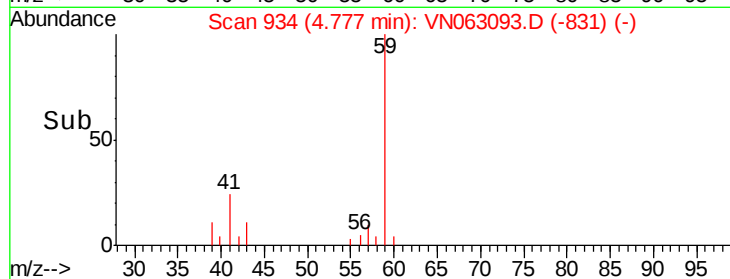
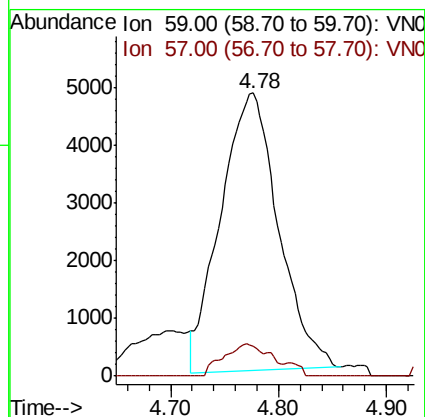
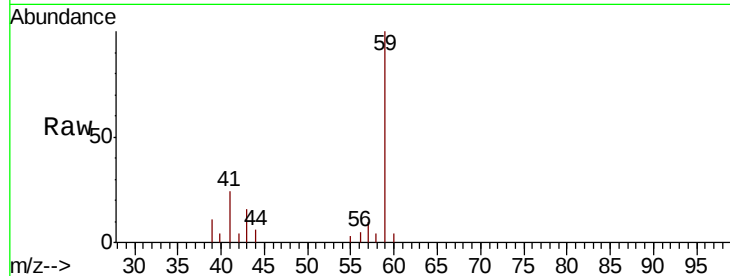


#11

Tert butyl alcohol
 Concen: 62.905 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.03 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Instrument :
 MSVOA_N
 ClientSampled :
 VN0824WBSD01

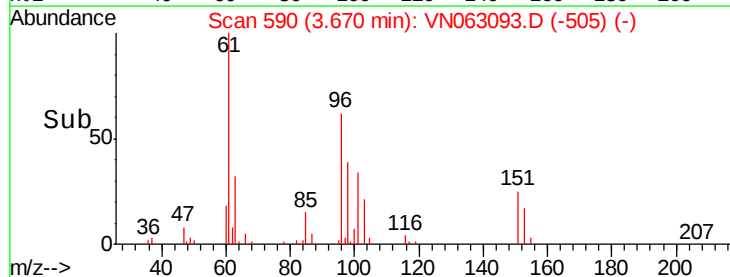
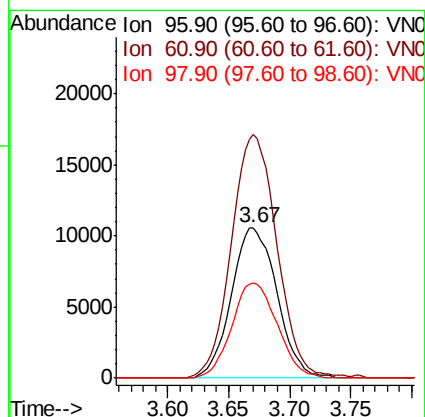
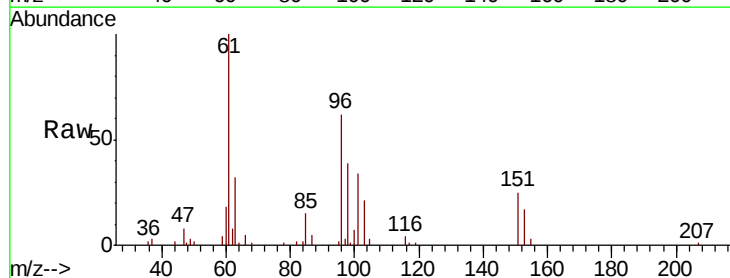
Tot Ion: 59 Resp: 17948
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.8 11.6

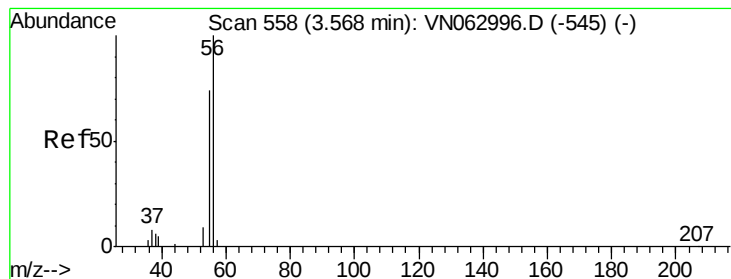


#12

1,1-Dichloroethene
 Concen: 19.032 ug/l
 RT: 3.67 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion: 96 Resp: 27456
 Ion Ratio Lower Upper
 96 100
 61 160.3 125.5 188.3
 98 63.2 50.4 75.6





#13

Acrolein

Concen: 23.774 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampled :

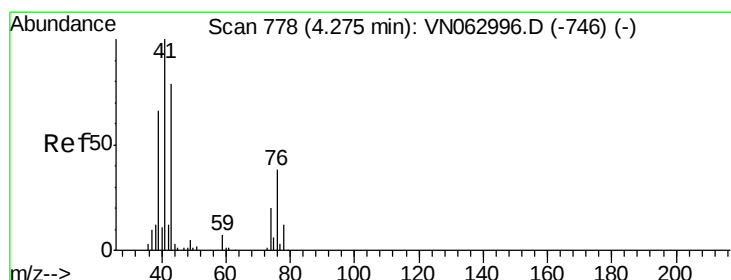
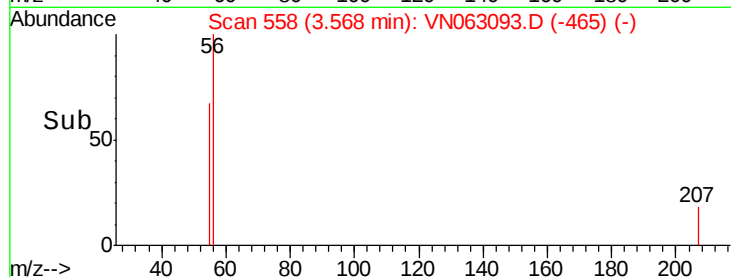
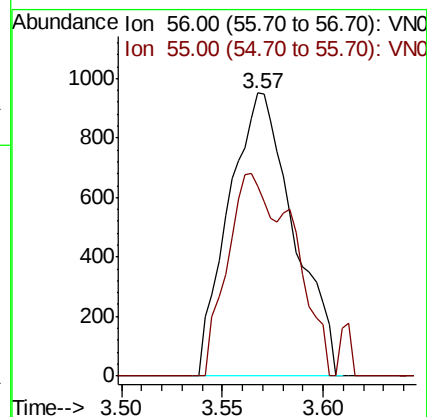
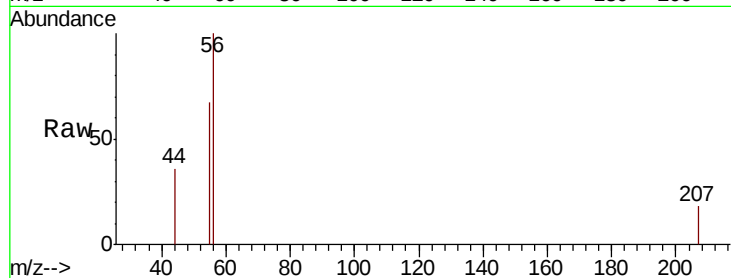
VN0824WBSD01

Tot Ion: 56 Resp: 2125

Ion Ratio Lower Upper

56 100

55 50.0 58.4 87.6#



#14

Allyl chloride

Concen: 19.372 ug/l

RT: 4.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

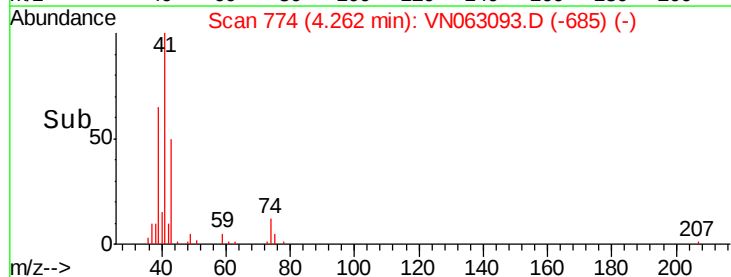
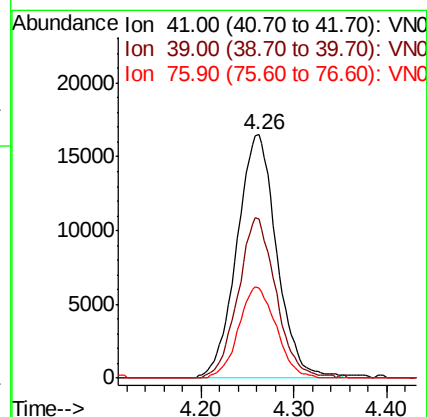
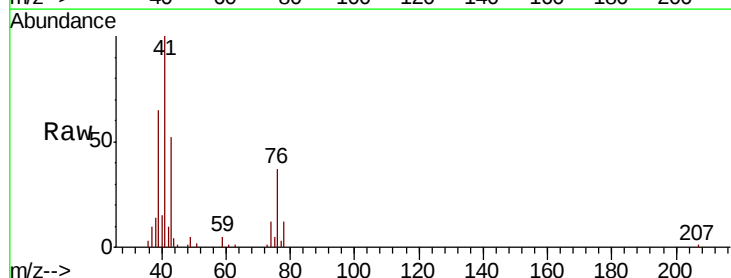
Tgt Ion: 41 Resp: 49275

Ion Ratio Lower Upper

41 100

39 62.4 47.9 71.9

76 35.3 27.0 40.6





#15

Acrylonitrile

Concen: 105.202 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

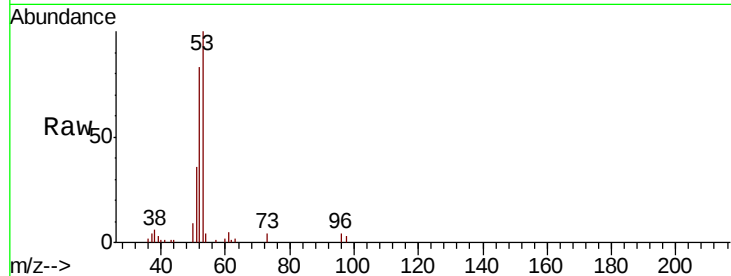
Tot Ion: 53 Resp: 88223

Ion Ratio Lower Upper

53 100

52 82.7 65.6 98.4

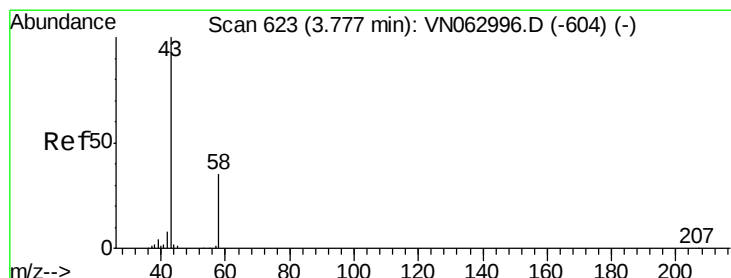
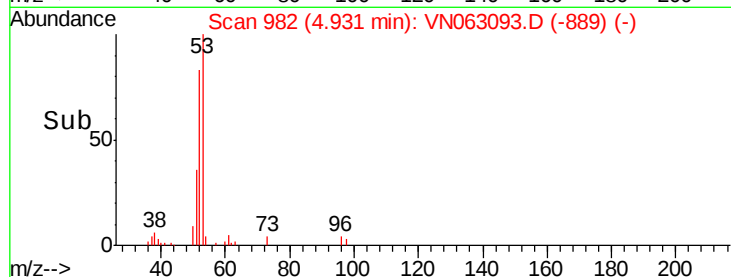
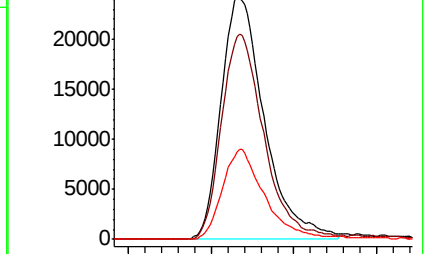
51 35.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN062996.D (-962) (-)

Ion 52.00 (51.70 to 52.70): VN062996.D (-962) (-)

Ion 51.00 (50.70 to 51.70): VN062996.D (-962) (-)



#16

Acetone

Concen: 99.545 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN063093.D

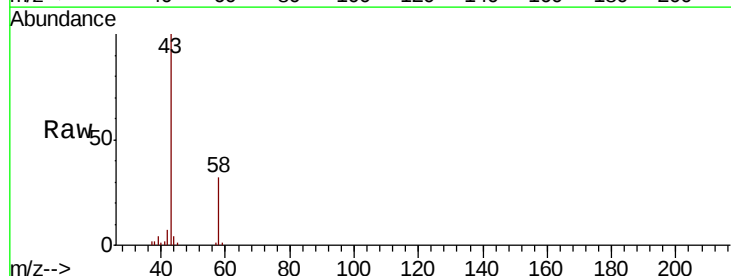
Acq: 24 Aug 2020 14:15

Tgt Ion: 43 Resp: 64011

Ion Ratio Lower Upper

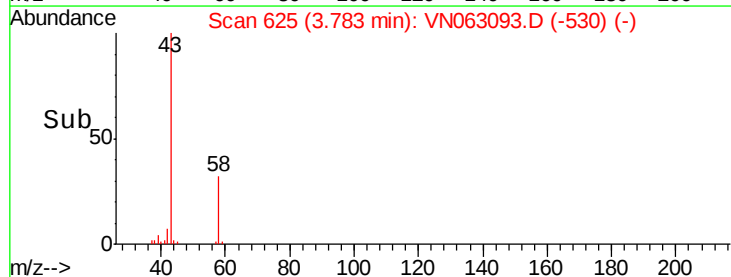
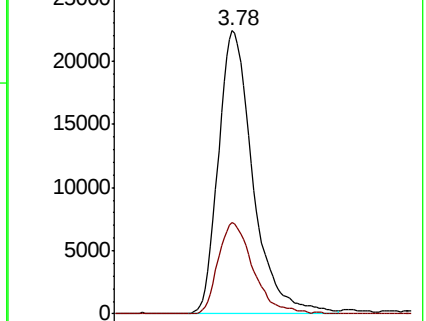
43 100

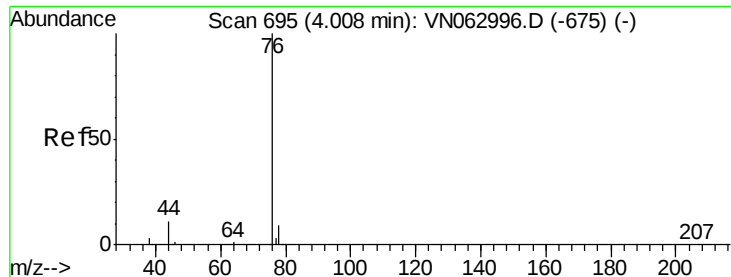
58 32.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-604) (-)

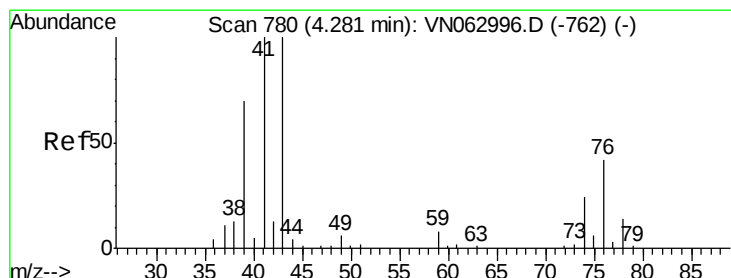
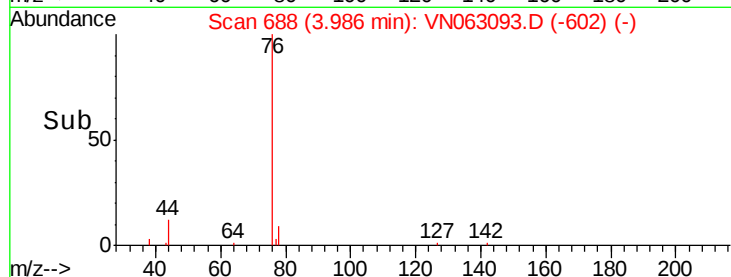
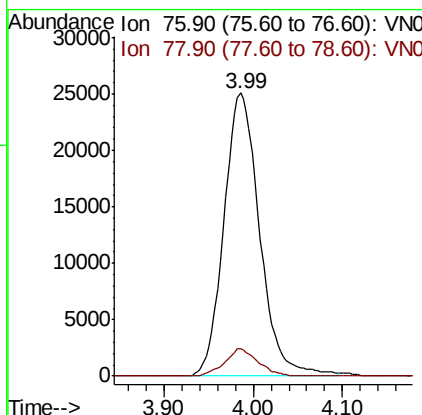
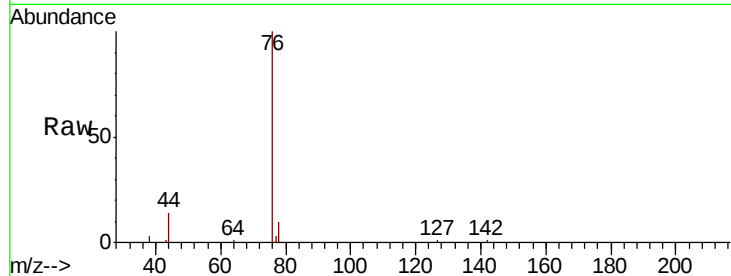




#17
Carbon Disulfide
Concen: 18.395 ug/l
RT: 3.99 min Scan# 688
Delta R.T. -0.02 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

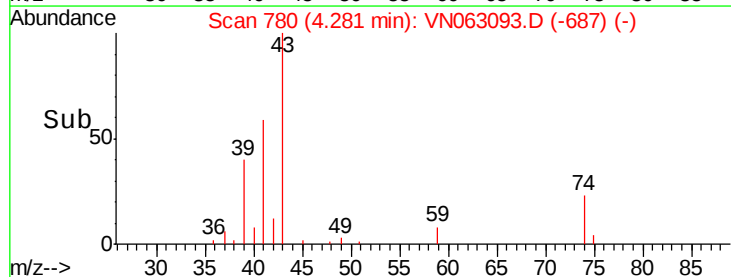
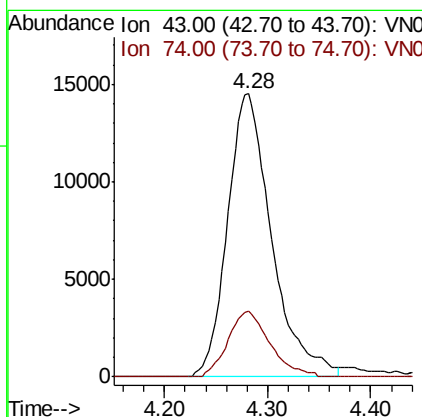
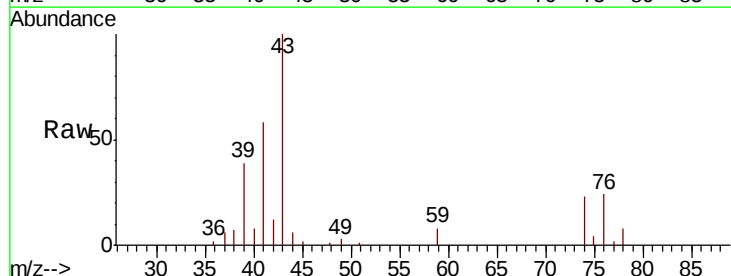
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

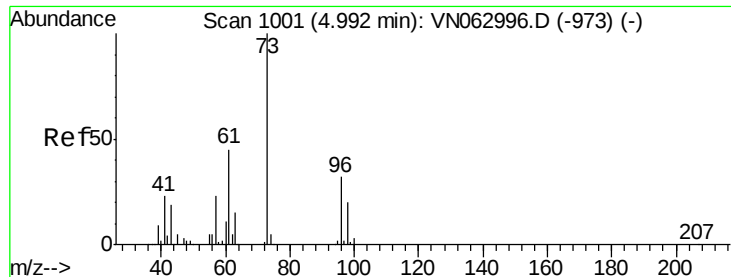
Tot Ion: 76 Resp: 69498
Ion Ratio Lower Upper
76 100
78 9.7 6.9 10.3



#18
Methyl Acetate
Concen: 21.579 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 43 Resp: 43196
Ion Ratio Lower Upper
43 100
74 22.1 18.6 28.0

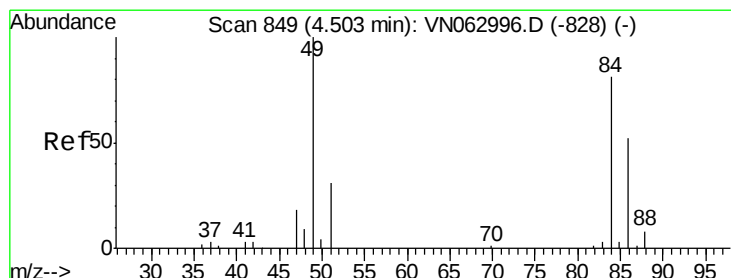
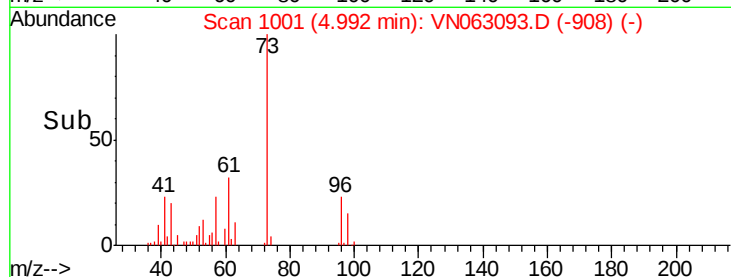
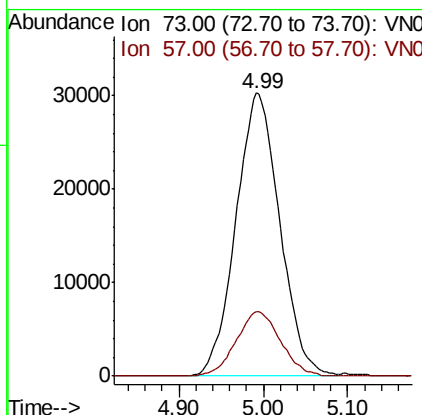
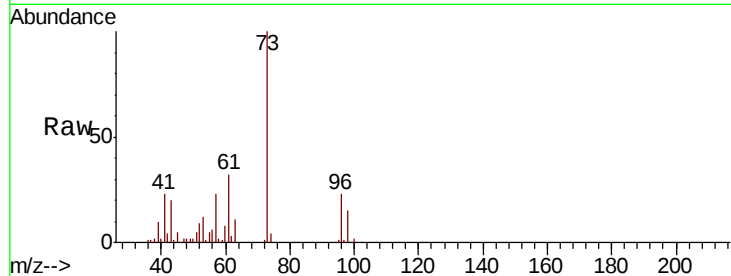




#19
Methyl tert-butyl Ether
Concen: 21.743 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

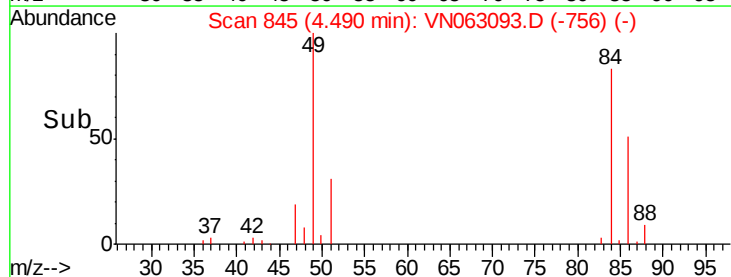
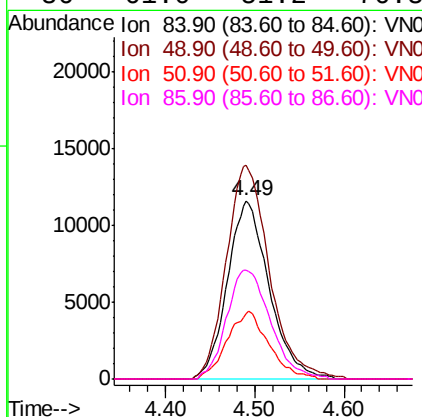
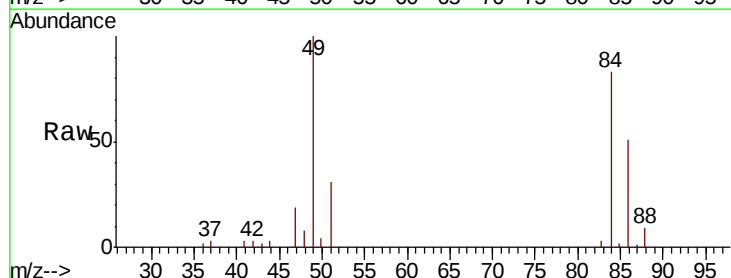
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

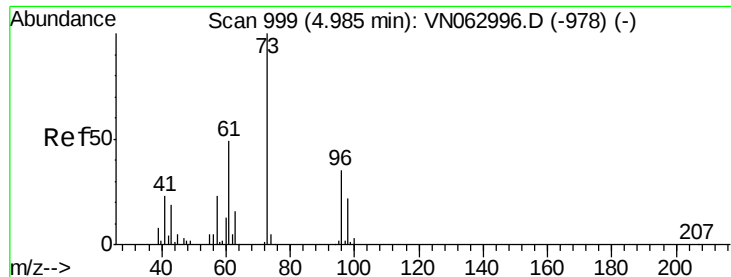
Tot Ion: 73 Resp: 109392
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 20.409 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 84 Resp: 37648
Ion Ratio Lower Upper
84 100
49 119.9 98.7 148.1
51 37.0 30.8 46.2
86 61.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.706 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

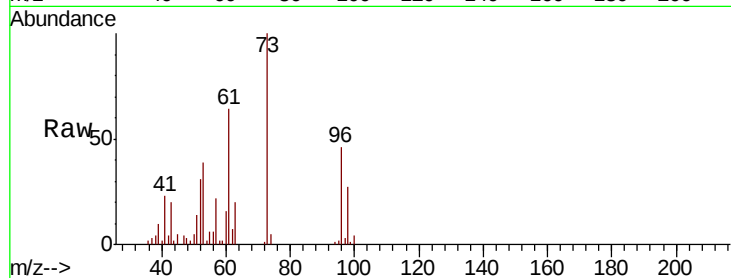
Tot Ion: 96 Resp: 29752

Ion Ratio Lower Upper

96 100

61 138.6 112.5 168.7

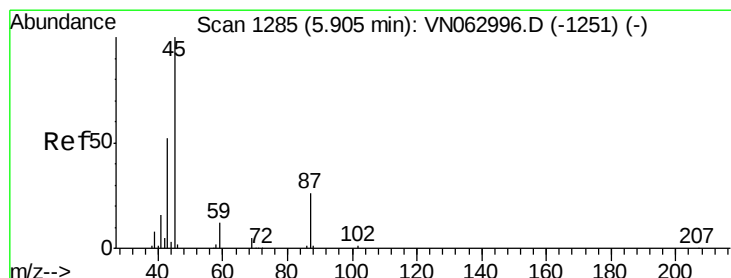
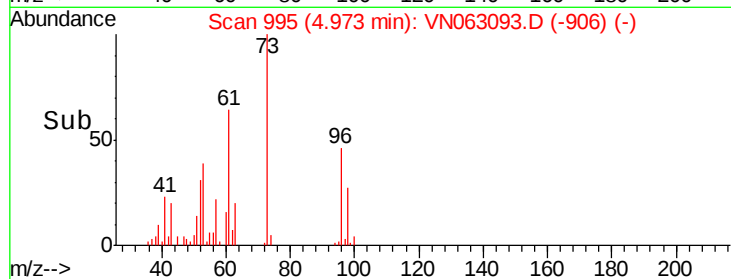
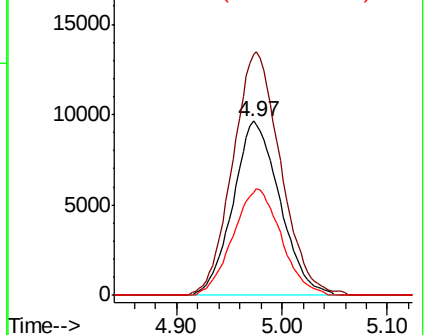
98 59.1 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN063093.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN063093.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN063093.D (-906) (-)



#22

Diisopropyl ether

Concen: 21.843 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Tgt Ion: 45 Resp: 126082

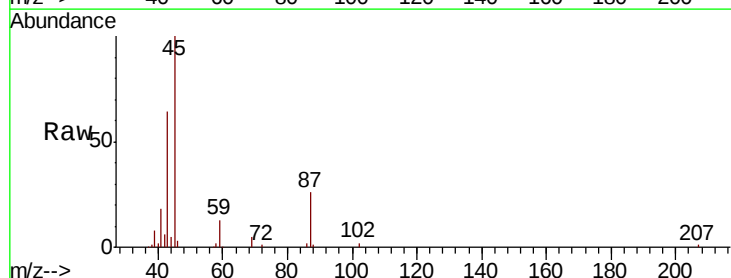
Ion Ratio Lower Upper

45 100

43 62.3 45.7 68.5

87 26.0 21.8 32.6

59 13.3 9.3 13.9

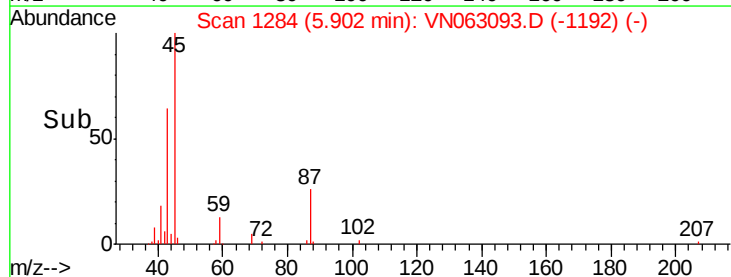
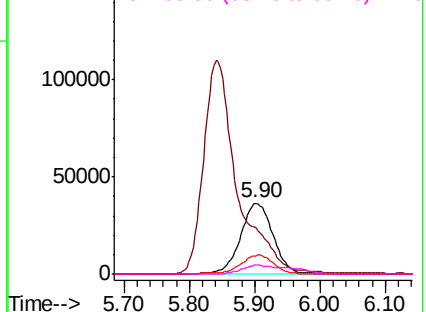


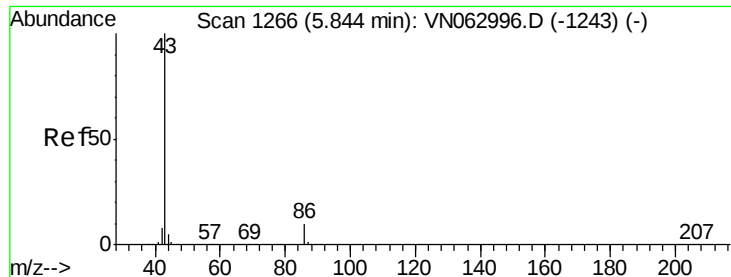
Abundance Ion 45.00 (44.70 to 45.70): VN063093.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN063093.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN063093.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN063093.D (-1192) (-)





#23

Vinyl Acetate

Concen: 101.195 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleID :

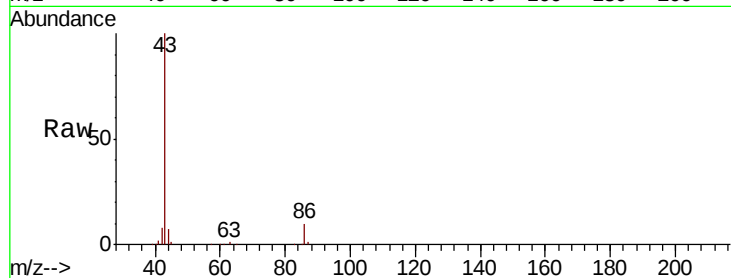
VN0824WBSD01

Tot Ion: 43 Resp: 394173

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.84

120000

100000

80000

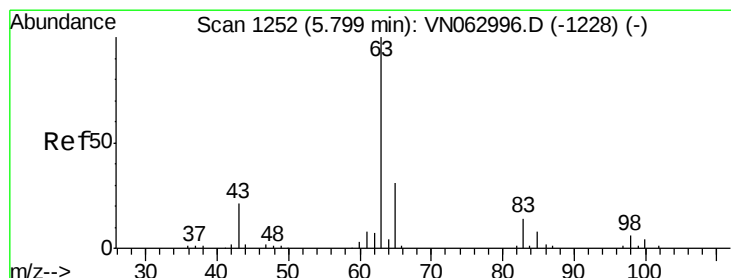
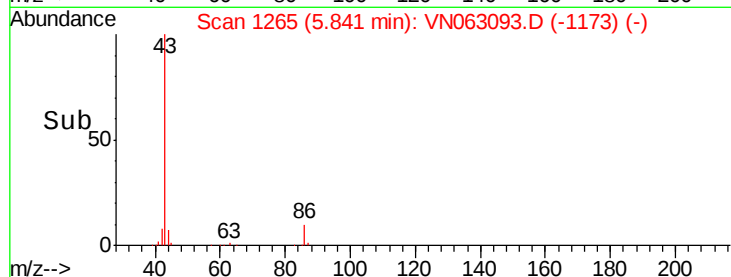
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.452 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

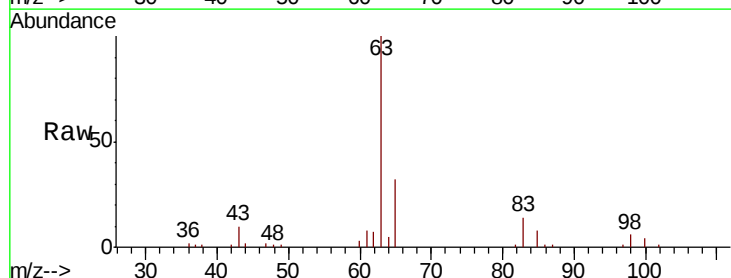
Tgt Ion: 63 Resp: 65970

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.79

25000

20000

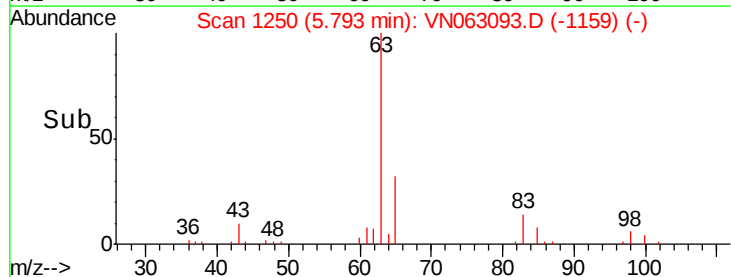
15000

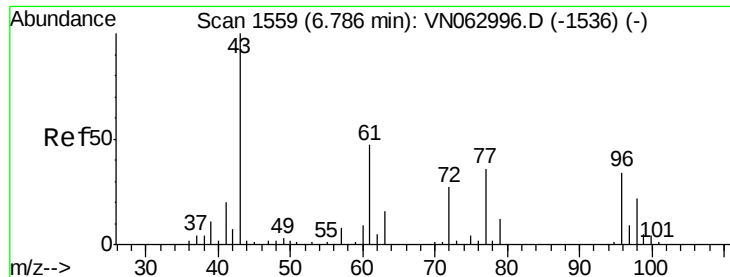
10000

5000

0

Time-->





#25

2-Butanone

Concen: 99.614 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

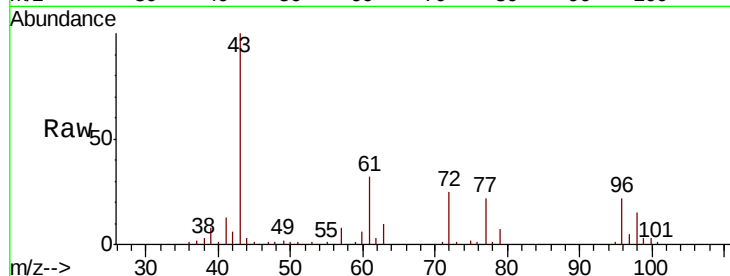
VN0824WBSD01

Tot Ion: 43 Resp: 106527

Ion Ratio Lower Upper

43 100

72 25.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1536) (-)

Ion 72.00 (71.70 to 72.70): VN062996.D (-1536) (-)

6.80

40000

30000

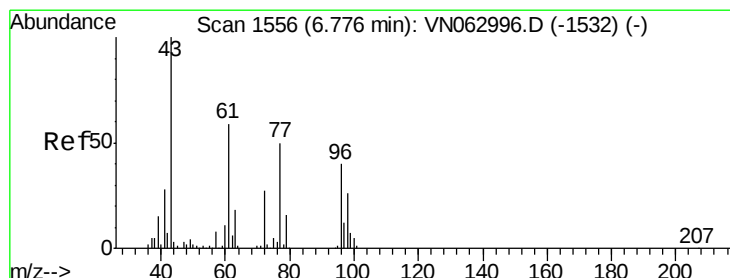
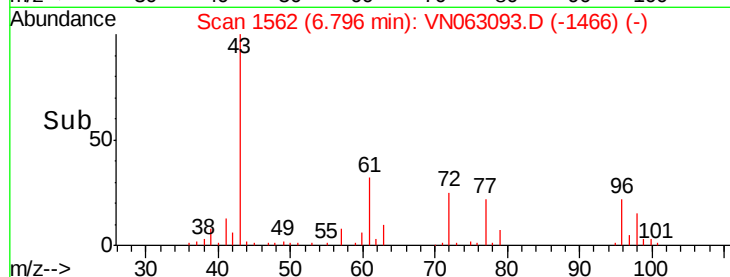
20000

10000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 20.326 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN063093.D

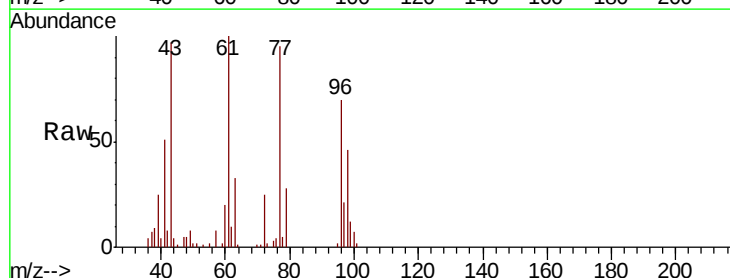
Acq: 24 Aug 2020 14:15

Tgt Ion: 77 Resp: 51561

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VN062996.D (-1532) (-)

Ion 96.90 (96.60 to 97.60): VN062996.D (-1532) (-)

6.77

20000

15000

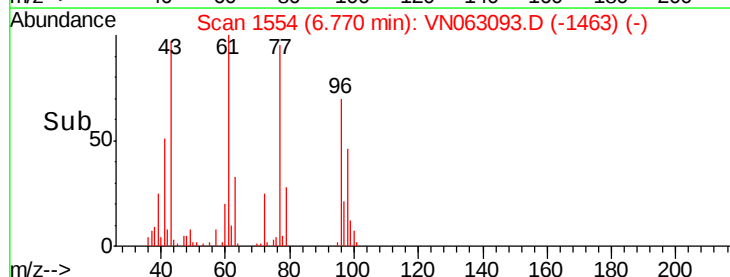
10000

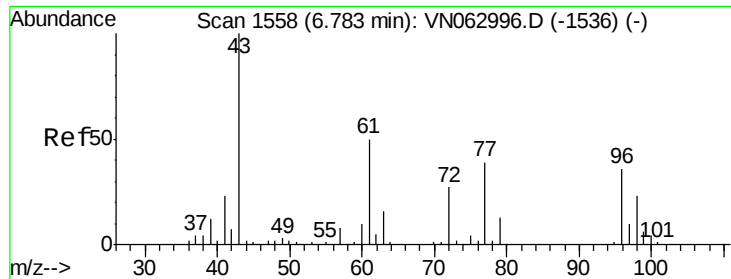
5000

0

6.70 6.75 6.80 6.85

Time-->

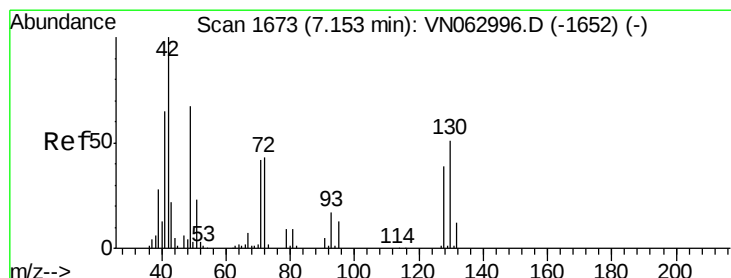
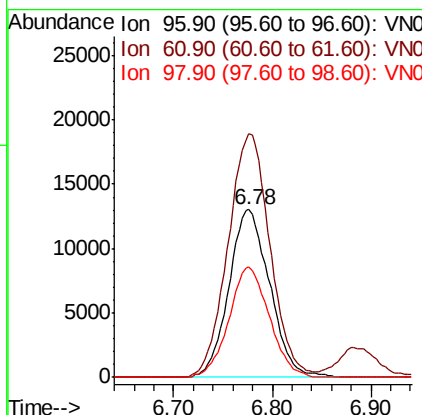
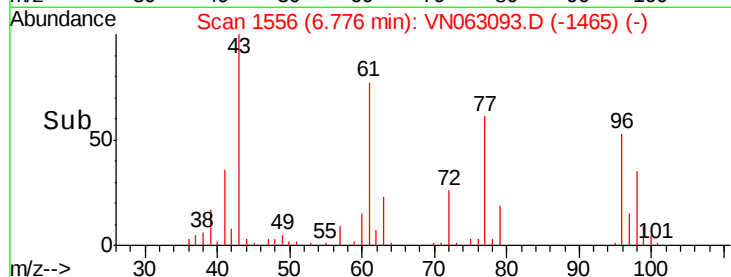
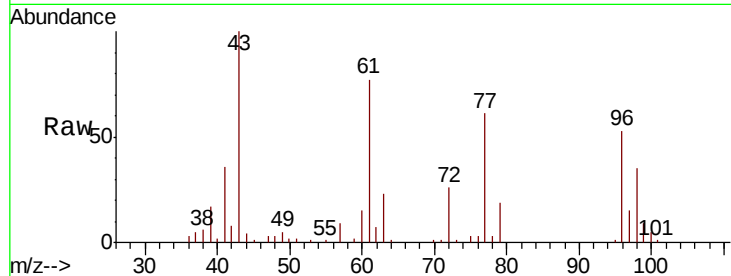




#27
 cis-1,2-Dichloroethene
 Concen: 19.782 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

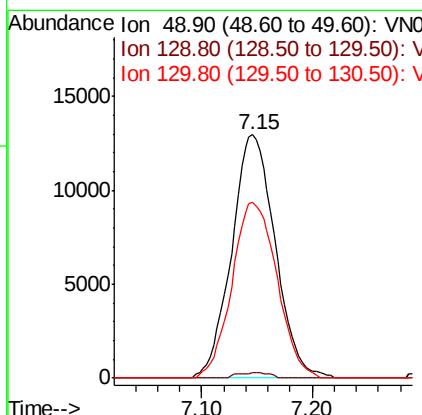
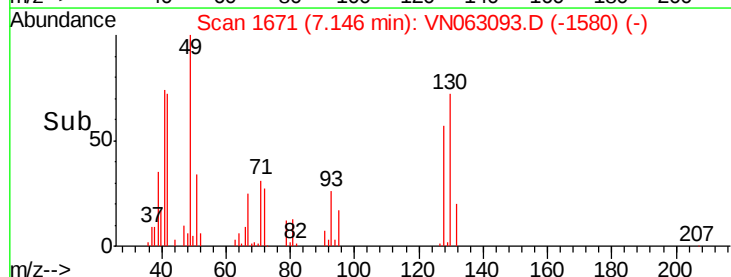
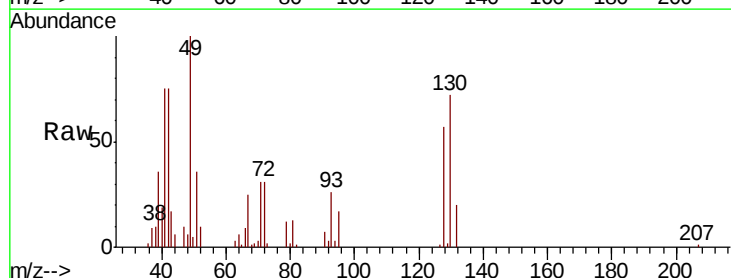
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0824WBSD01

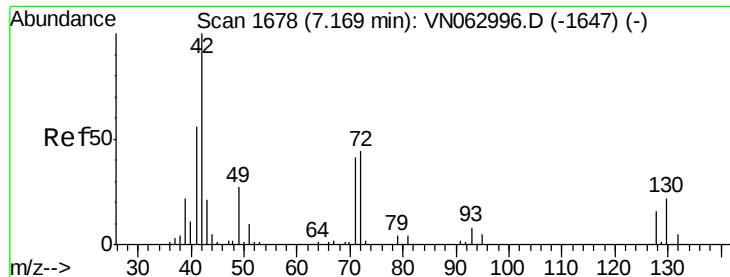
Tot Ion: 96 Resp: 37435
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 292.8
 98 65.2 0.0 130.6



#28
 Bromochloromethane
 Concen: 20.981 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion: 49 Resp: 35410
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 74.7 61.1 91.7

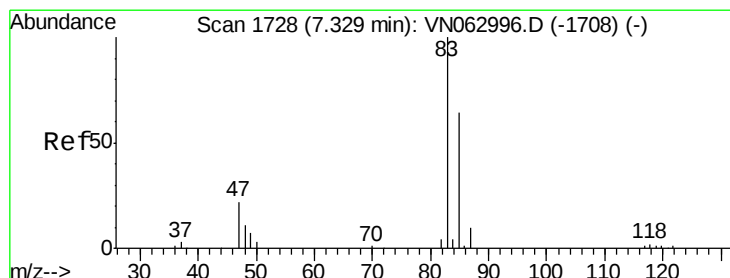
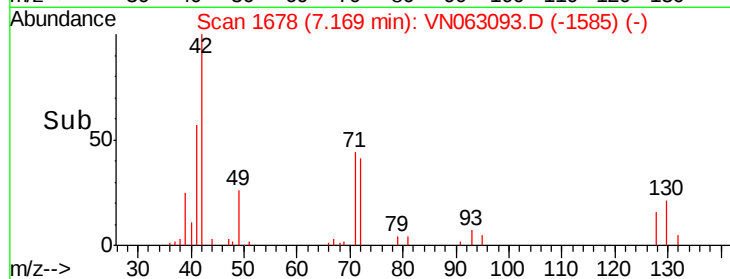
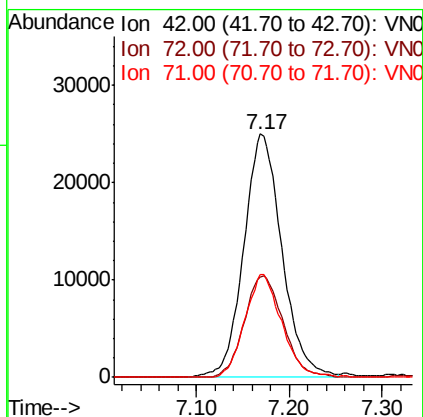
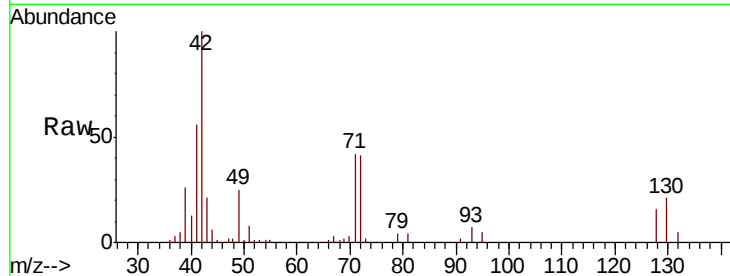




#29
Tetrahydrofuran
Concen: 103.548 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

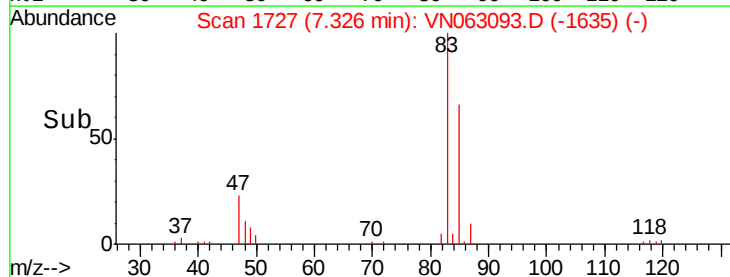
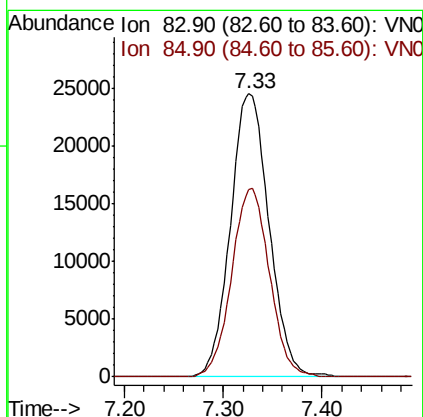
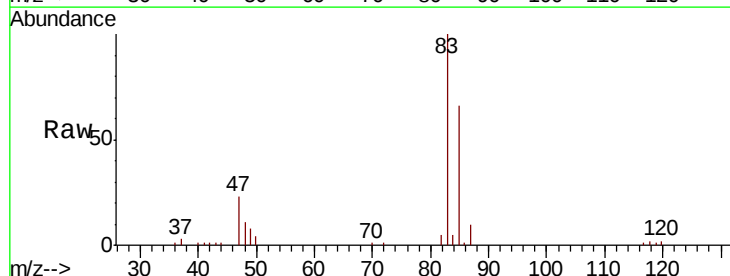
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

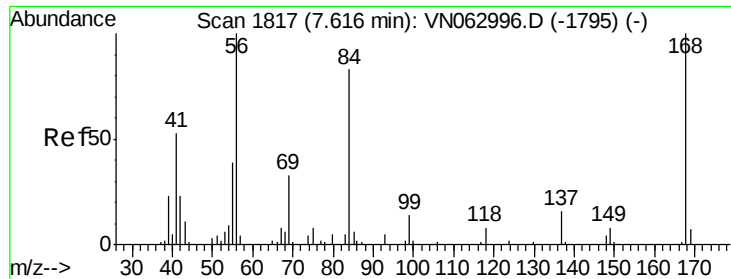
Tot Ion: 42 Resp: 71468
Ion Ratio Lower Upper
42 100
72 42.3 34.6 52.0
71 40.8 32.3 48.5



#30
Chloroform
Concen: 20.493 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 83 Resp: 66572
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3

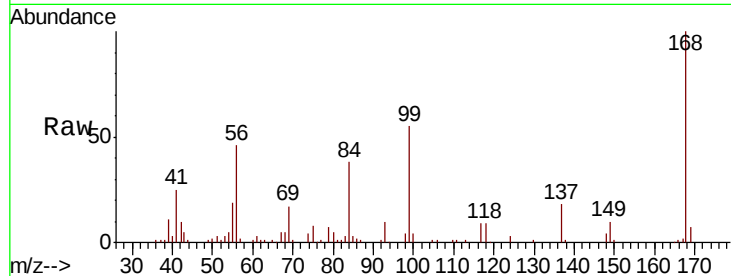




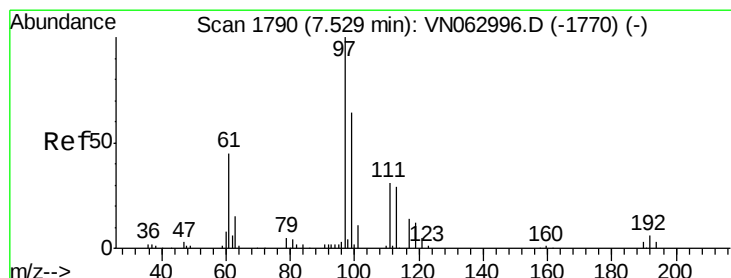
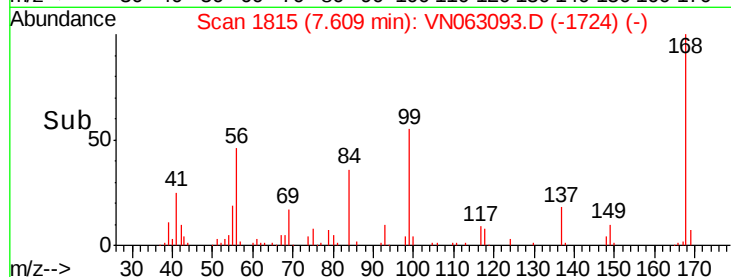
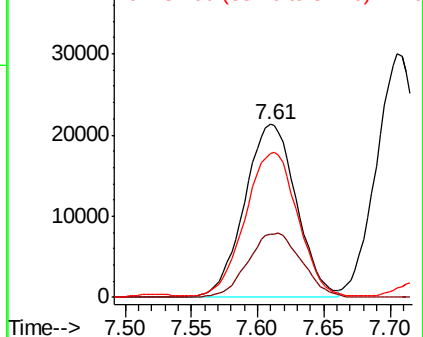
#31
Cyclohexane
Concen: 19.526 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

Tot Ion: 56 Resp: 57970
Ion Ratio Lower Upper
56 100
69 36.2 26.6 40.0
84 82.3 66.4 99.6

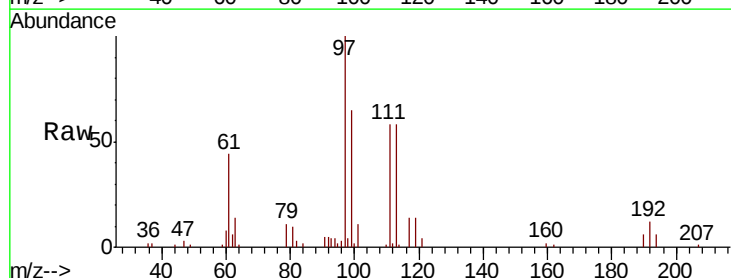


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

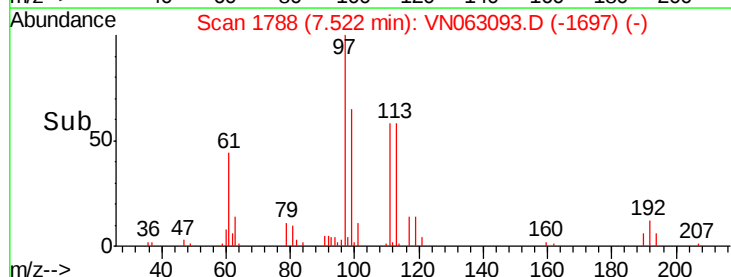
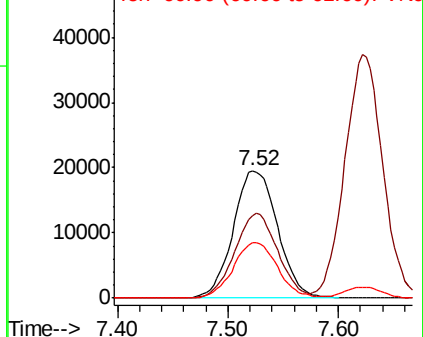


#32
1,1,1-Trichloroethane
Concen: 20.522 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 97 Resp: 54428
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 43.7 36.2 54.4



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





#33

1,2-Dichloroethane-d4

Concen: 55.185 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

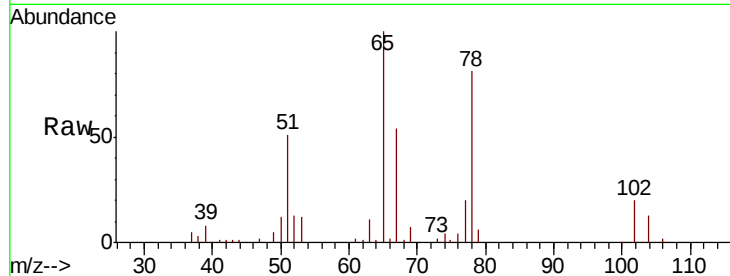
VN0824WBSD01

Tot Ion: 65 Resp: 111159

Ion Ratio Lower Upper

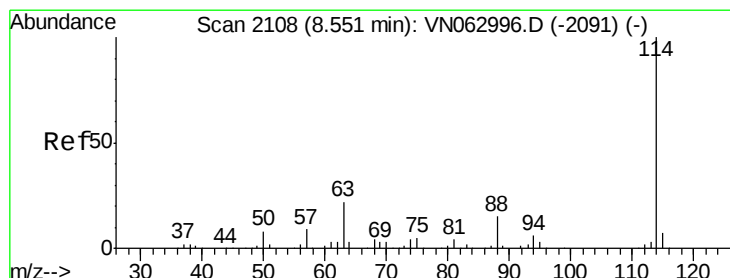
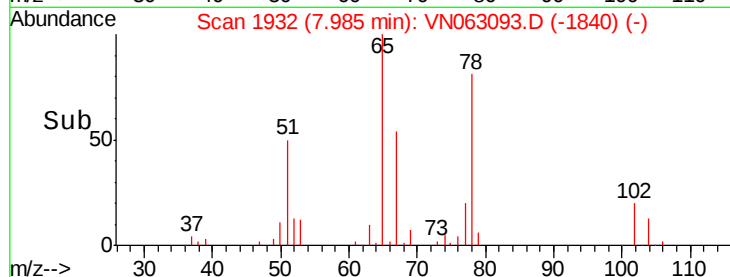
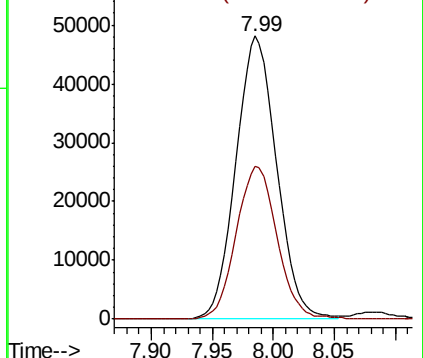
65 100

67 54.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

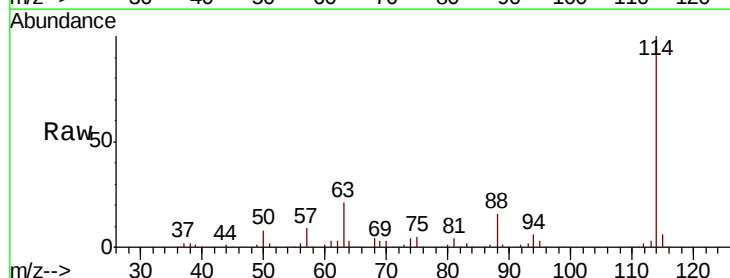
Tgt Ion: 114 Resp: 261893

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

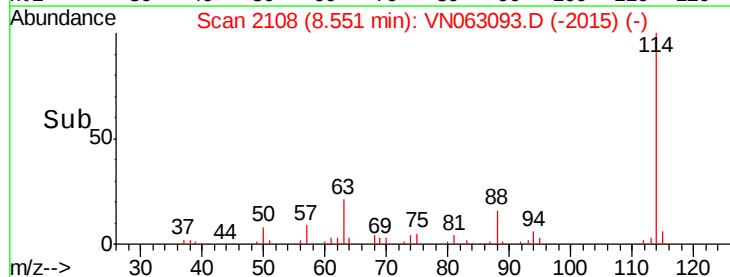
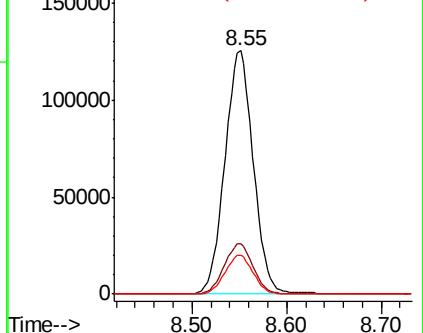
88 16.1 0.0 30.6

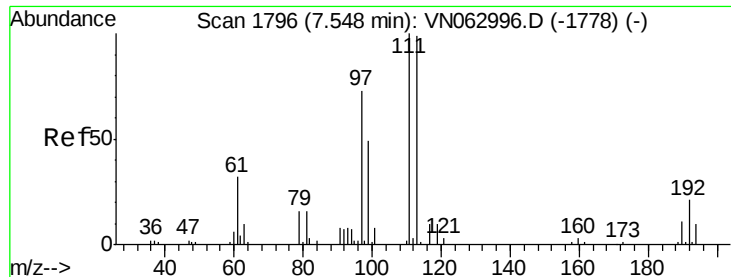


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

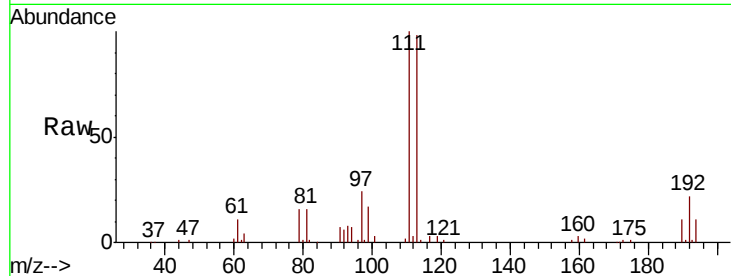




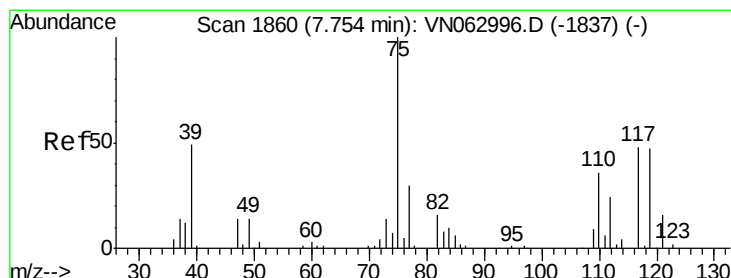
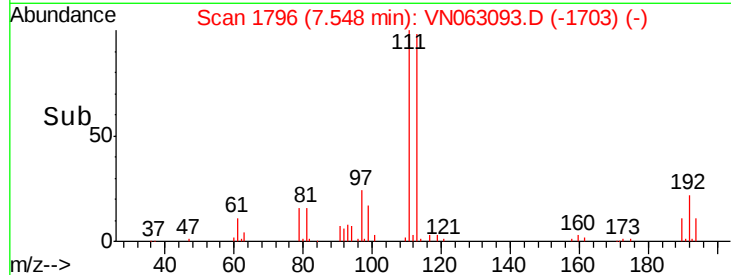
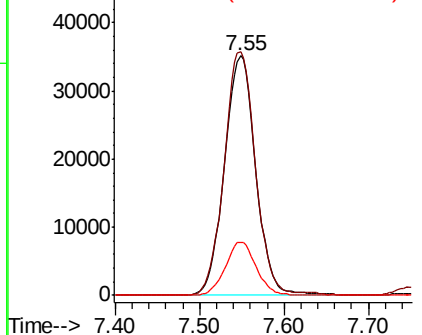
#35
 Dibromofluoromethane
 Concen: 53.041 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

Tot Ion:113 Resp: 90513
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 21.8 17.5 26.3

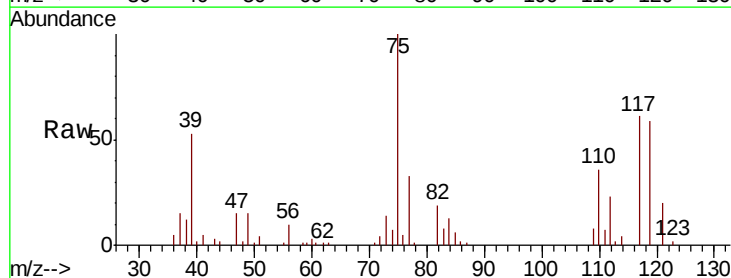


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

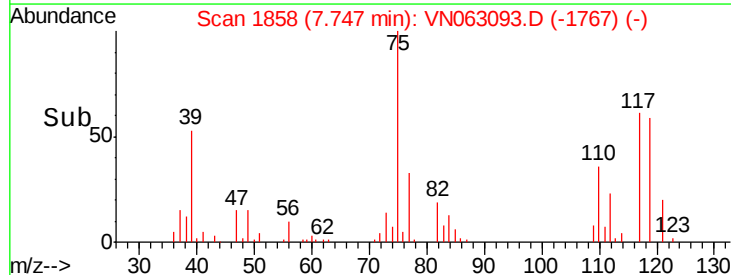
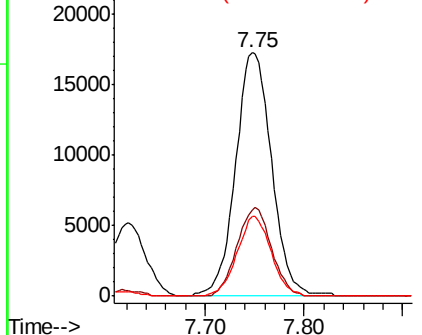


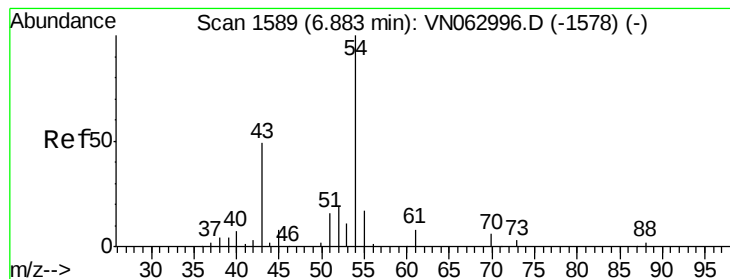
#36
 1,1-Dichloropropene
 Concen: 18.931 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion: 75 Resp: 43691
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.5 52.6
 77 30.8 24.2 36.4



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: 19.812 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

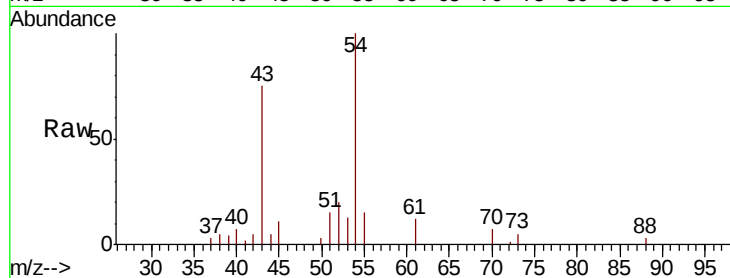
Tot Ion: 43 Resp: 42844

Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.8

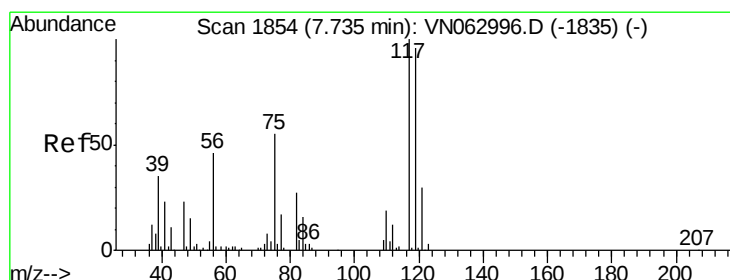
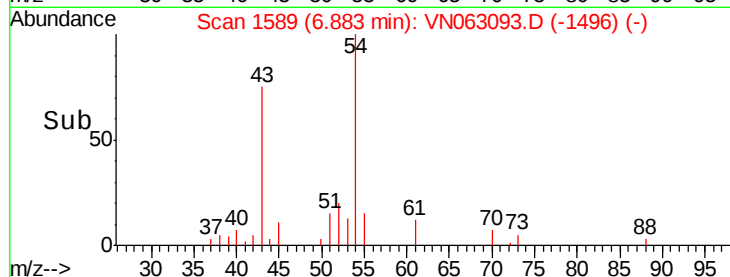
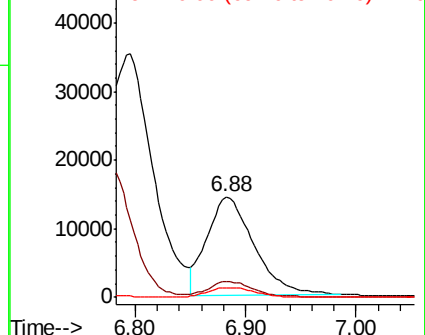
70 9.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VN063093.D (-1496) (-)

Ion 60.90 (60.60 to 61.60): VN063093.D (-1496) (-)

Ion 70.00 (69.70 to 70.70): VN063093.D (-1496) (-)



#38

Carbon Tetrachloride

Concen: 19.457 ug/l

RT: 7.73 min Scan# 1852

Delta R.T. -0.01 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

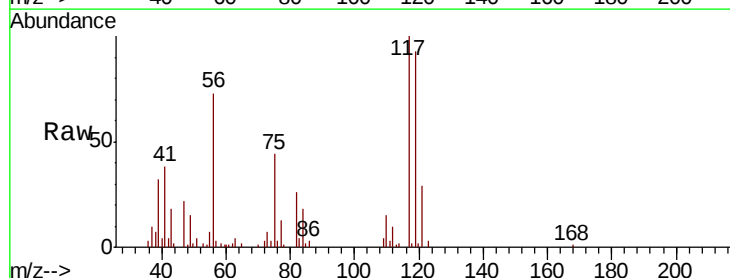
Tgt Ion: 117 Resp: 45336

Ion Ratio Lower Upper

117 100

119 92.5 76.2 114.4

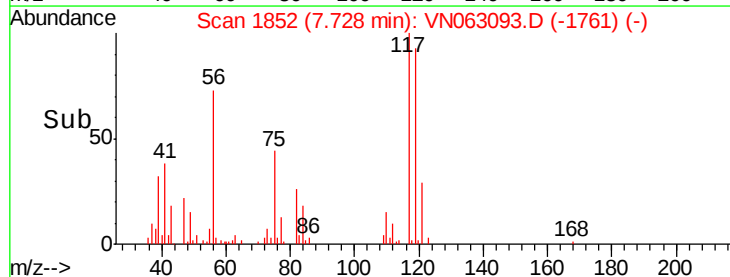
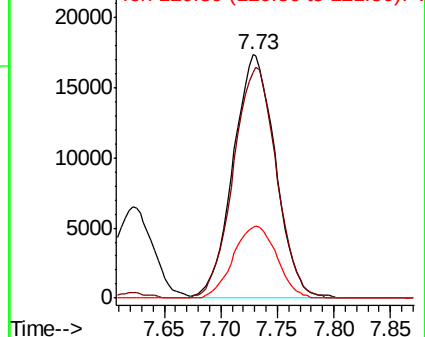
121 29.0 24.2 36.2

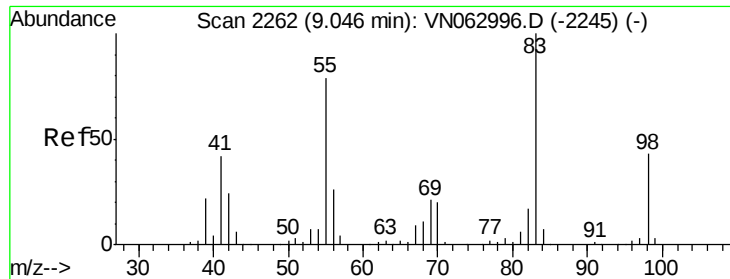


Abundance Ion 116.80 (116.50 to 117.50): VN063093.D (-1761) (-)

Ion 118.80 (118.50 to 119.50): VN063093.D (-1761) (-)

Ion 120.80 (120.50 to 121.50): VN063093.D (-1761) (-)

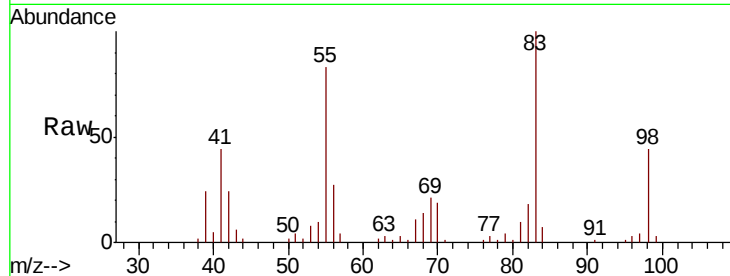




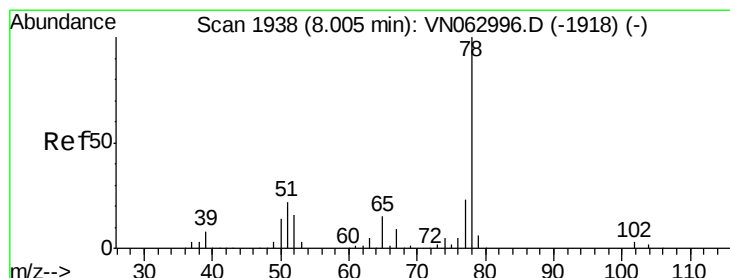
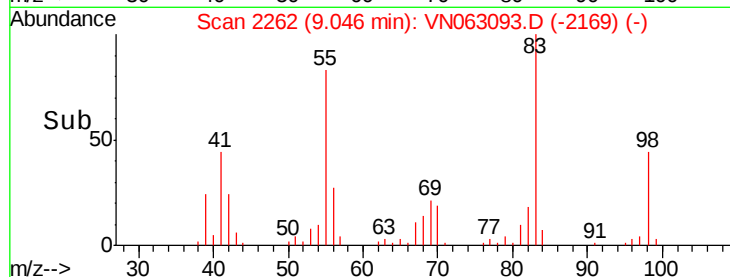
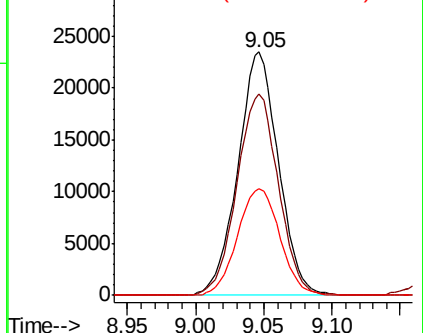
#39
Methvlcvclohexane
Concen: 16.608 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

Tot Ion: 83 Resp: 48392
Ion Ratio Lower Upper
83 100
55 82.8 63.3 94.9
98 43.6 34.2 51.4

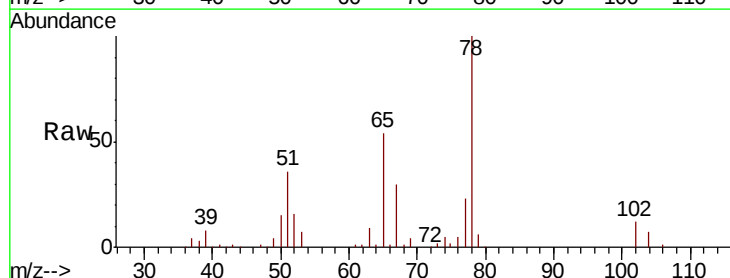


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

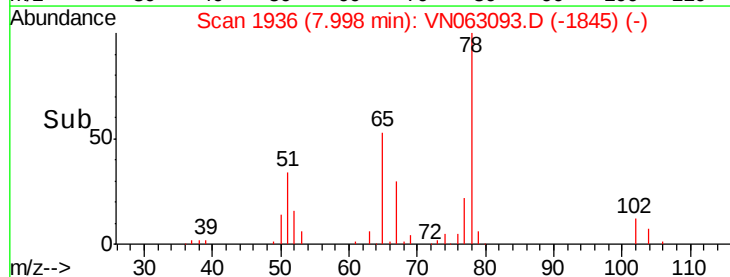
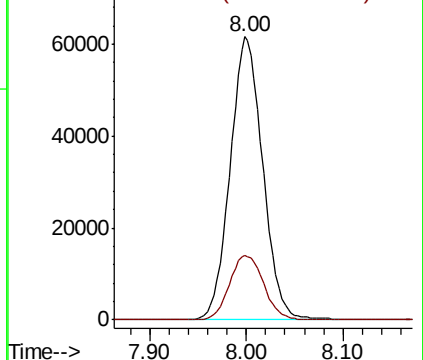


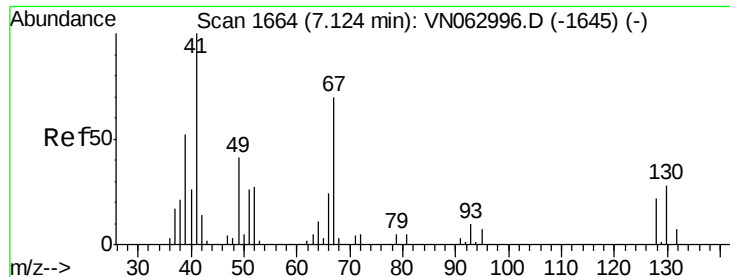
#40
Benzene
Concen: 19.671 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 78 Resp: 143992
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

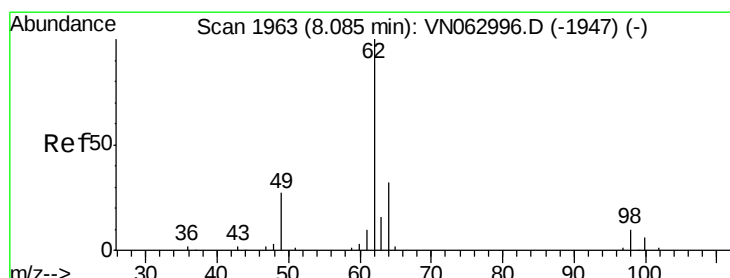
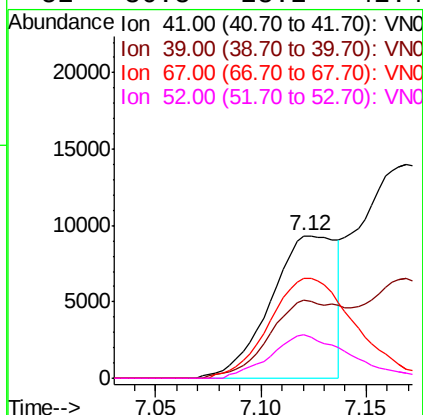
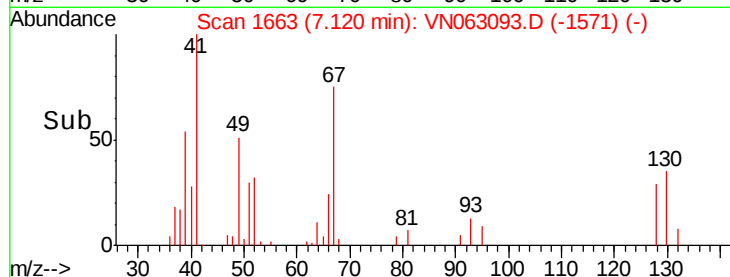
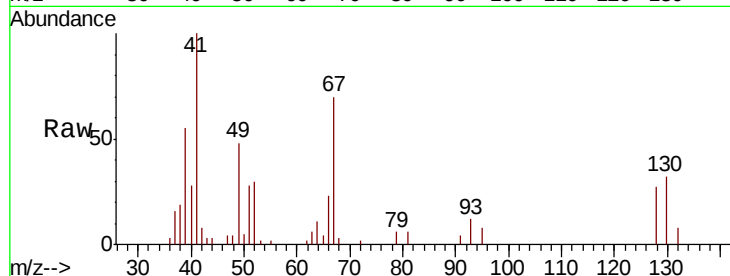




#41
Methacrylonitrile
Concen: 19.629 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

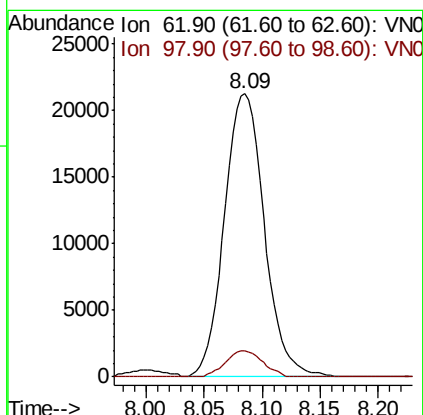
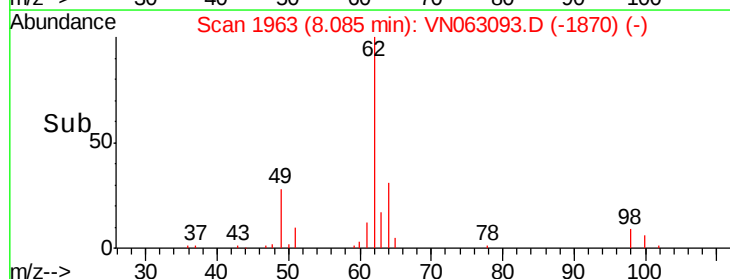
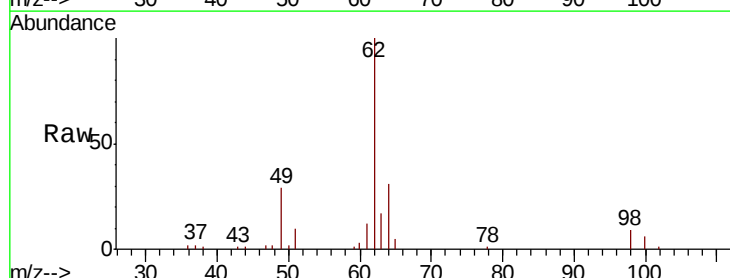
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

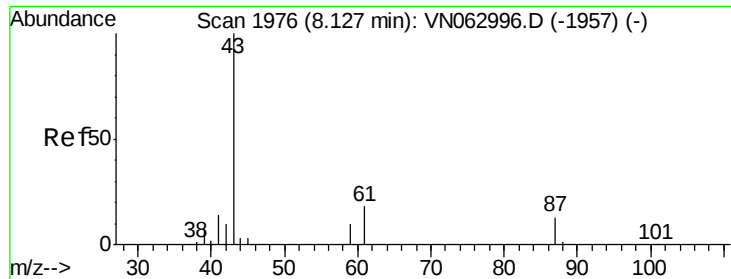
Tot Ion:	41	Resp:	20225
Ion	Ratio	Lower	Upper
41	100		
39	63.3	41.6	62.4#
67	92.4	71.8	107.8
52	36.8	28.2	42.4



#42
1,2-Dichloroethane
Concen: 20.709 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion:	62	Resp:	50899
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.012 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

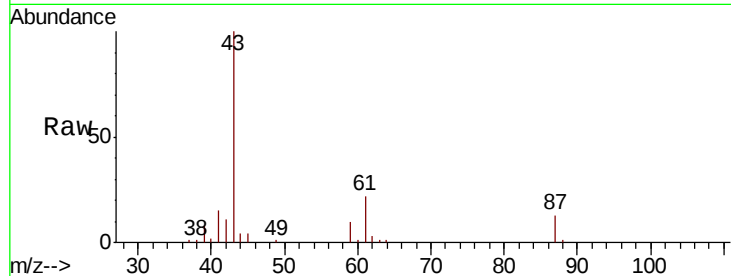
Tot Ion: 43 Resp: 71697

Ion Ratio Lower Upper

43 100

61 21.6 22.6 33.8#

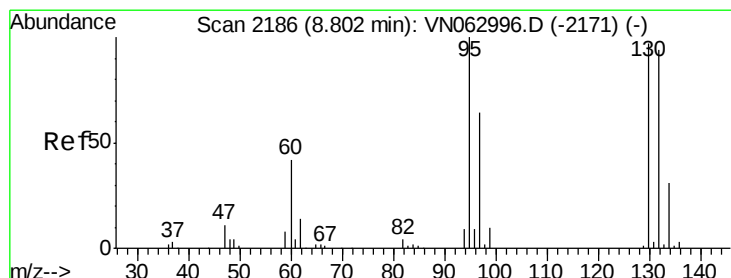
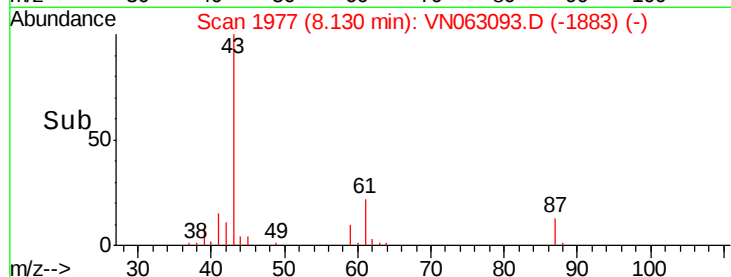
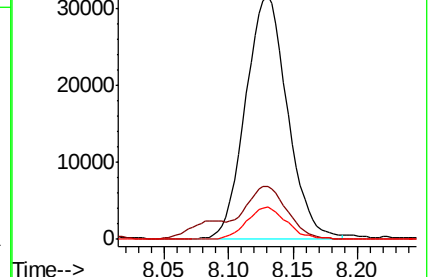
87 12.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 19.008 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063093.D

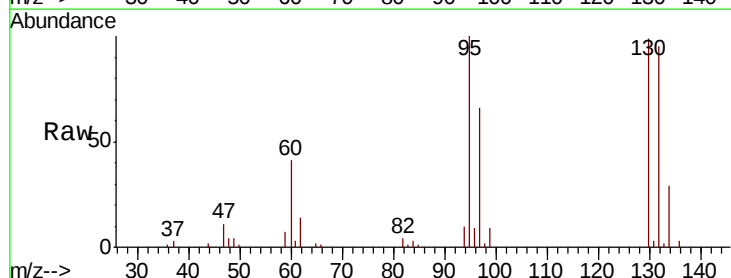
Acq: 24 Aug 2020 14:15

Tgt Ion: 130 Resp: 34610

Ion Ratio Lower Upper

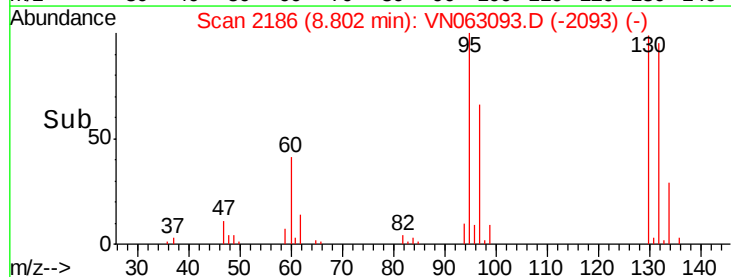
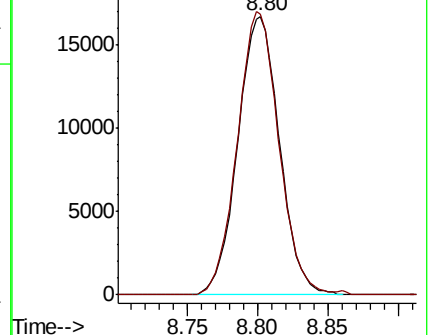
130 100

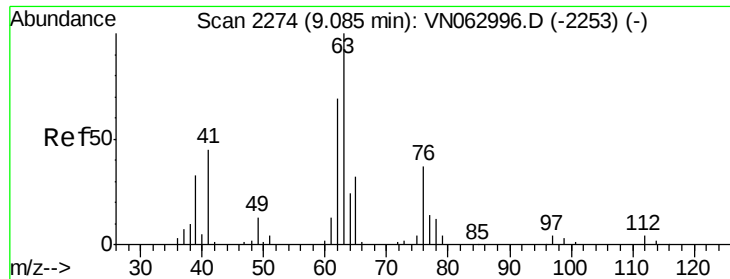
95 101.0 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 20.029 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

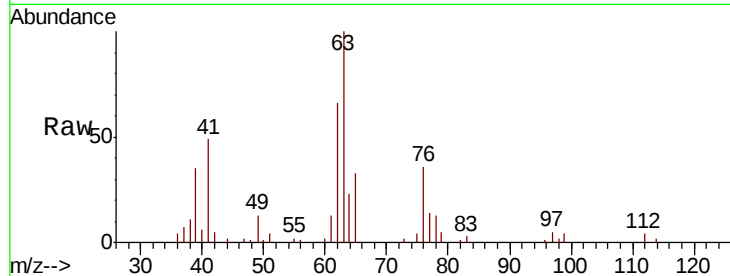
VN0824WBSD01

Tot Ion: 63 Resp: 42380

Ion Ratio Lower Upper

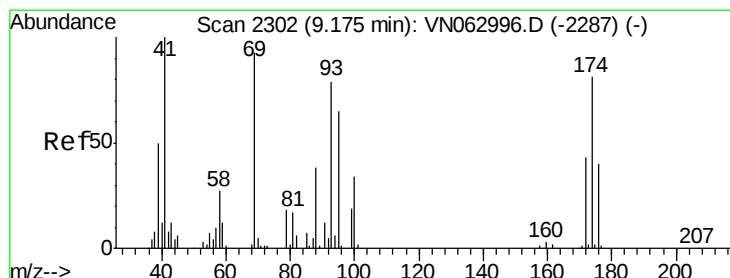
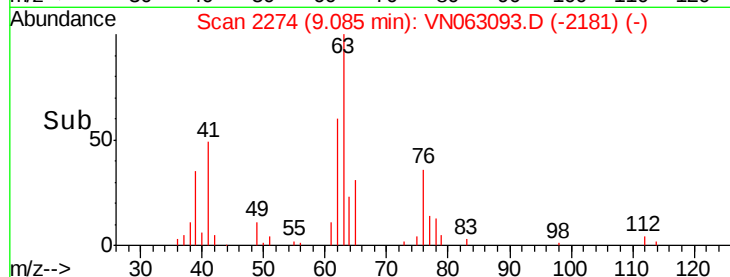
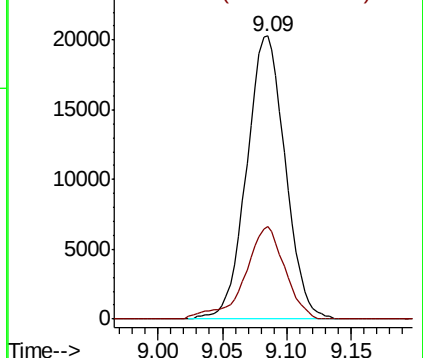
63 100

65 32.6 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.402 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

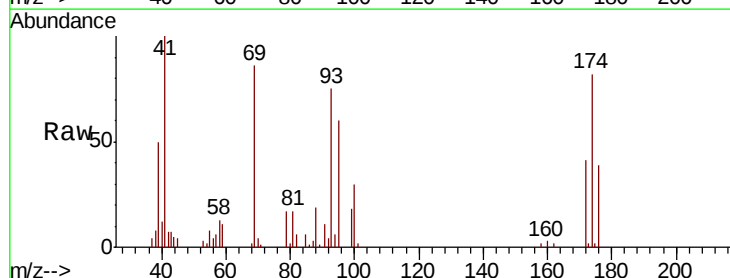
Tgt Ion: 93 Resp: 24938

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

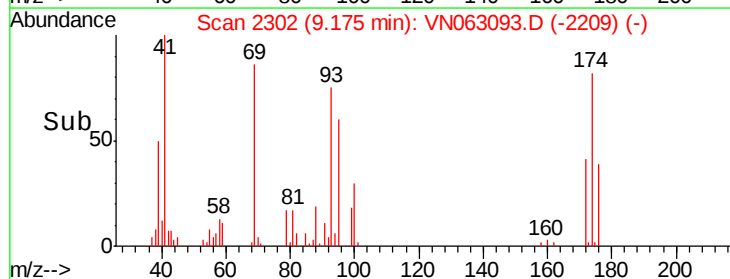
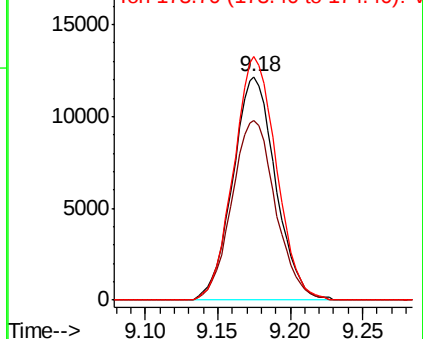
174 108.7 84.6 127.0

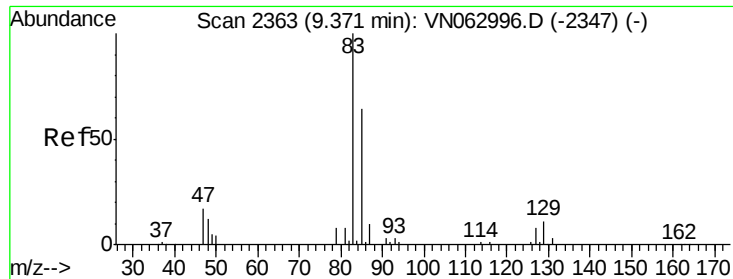


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

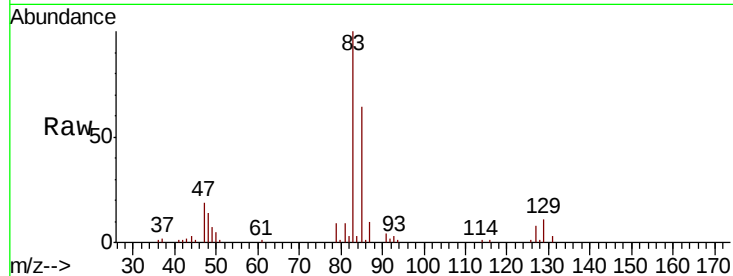




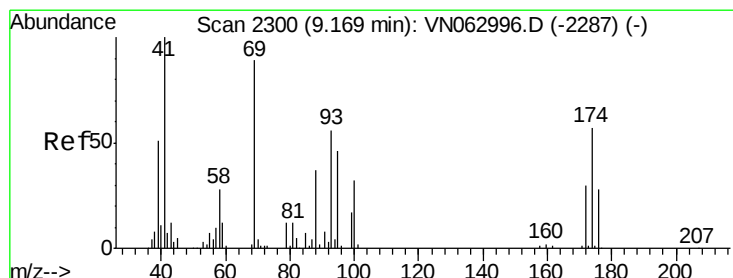
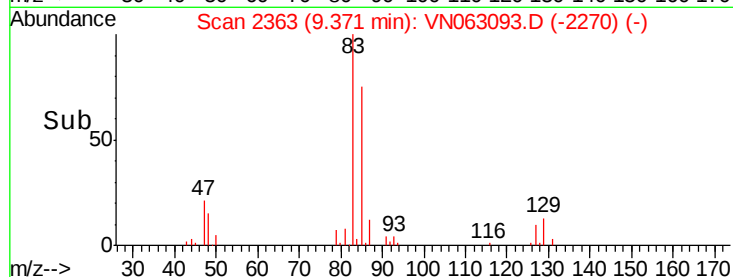
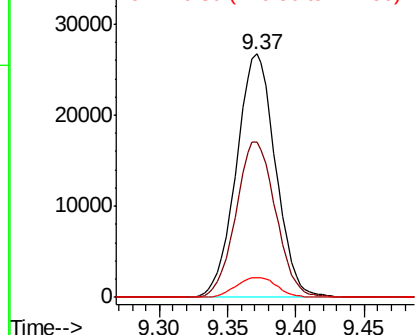
#47
Bromodichloromethane
Concen: 19.902 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampled :
VN0824WBSD01

Tot Ion: 83 Resp: 53281
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 8.1 6.6 9.8

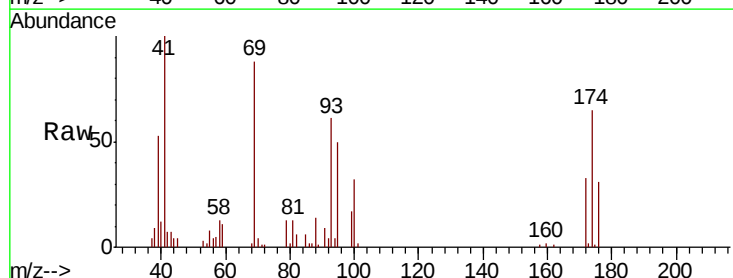


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

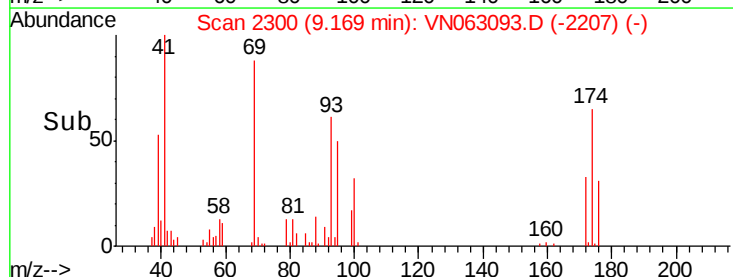
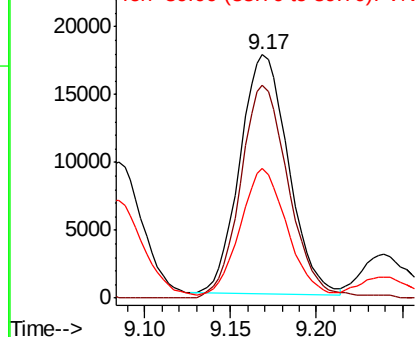


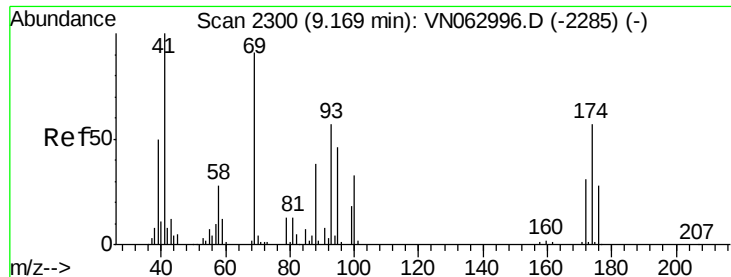
#48
Methyl methacrylate
Concen: 20.371 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 41 Resp: 34532
Ion Ratio Lower Upper
41 100
69 88.2 74.2 111.4
39 53.5 42.5 63.7



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

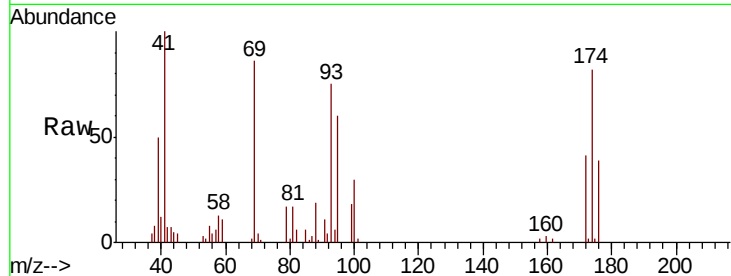




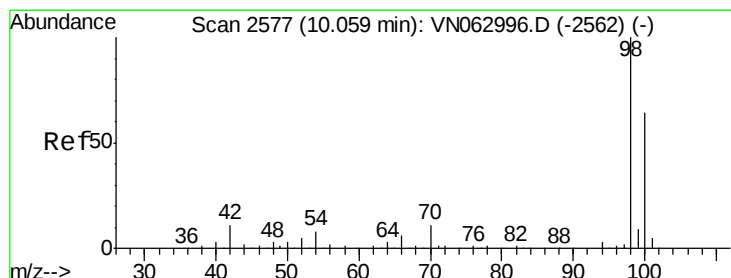
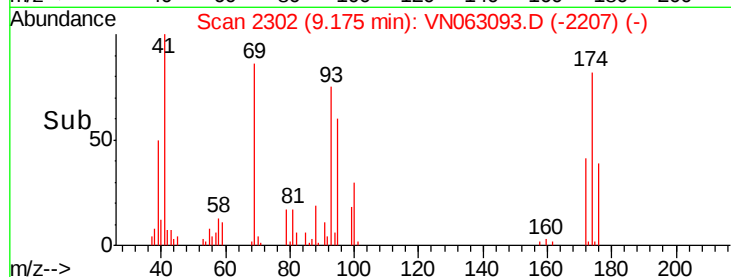
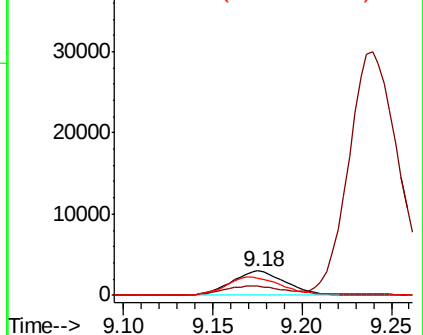
#49
1,4-Dioxane
Concen: 181.256 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. 0.01 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

Tot Ion: 88 Resp: 6287
Ion Ratio Lower Upper
88 100
43 41.5 25.2 37.8#
58 78.1 56.7 85.1

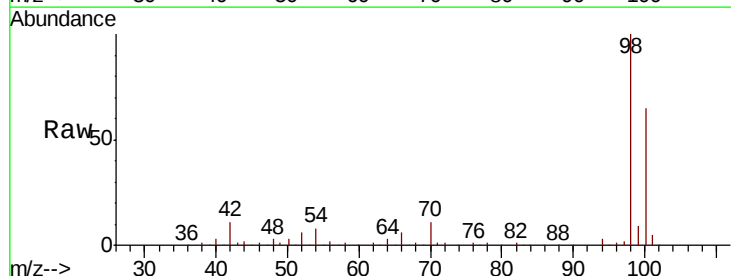


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

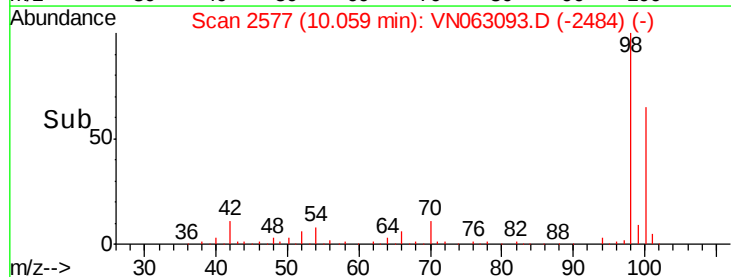
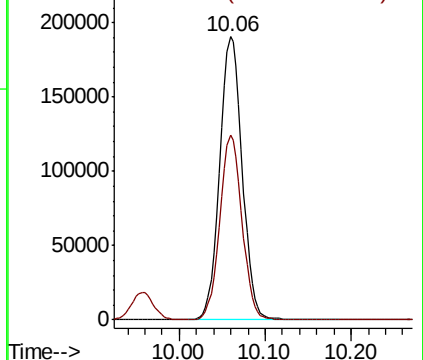


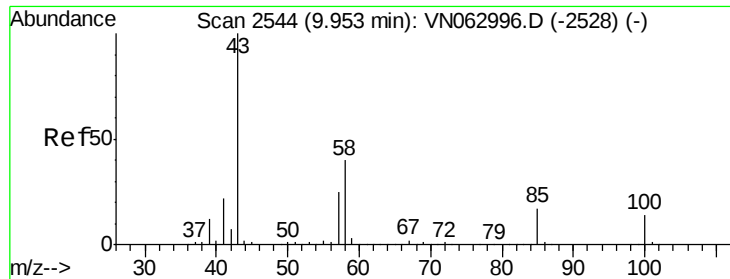
#50
Toluene-d8
Concen: 52.919 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 98 Resp: 346866
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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: 107.888 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampled :

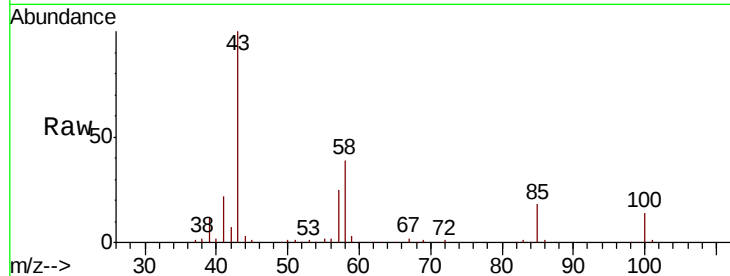
VN0824WBSD01

Tot Ion: 43 Resp: 244322

Ion Ratio Lower Upper

43 100

58 38.8 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

9.96

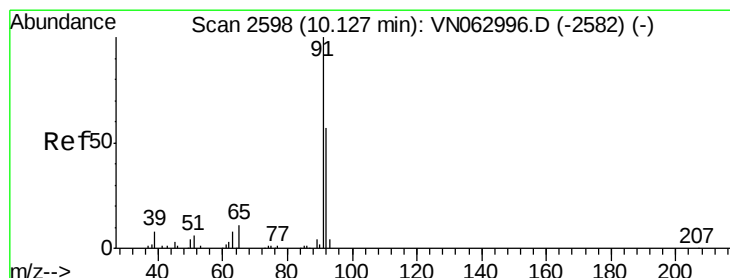
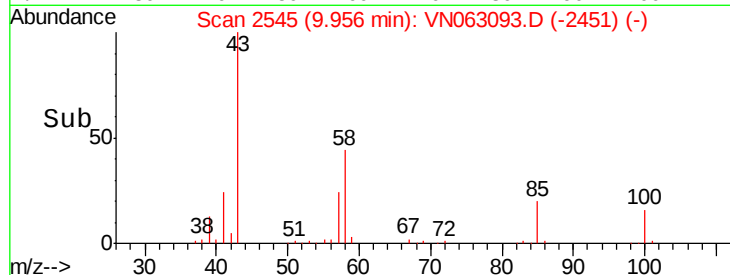
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.410 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063093.D

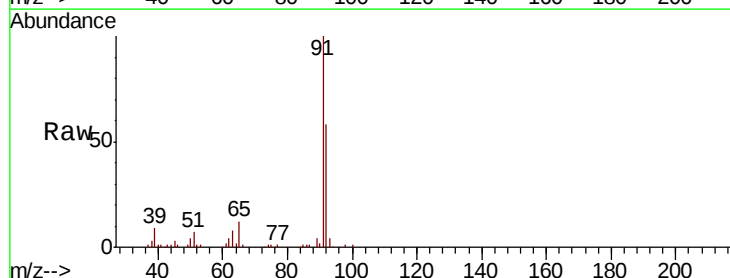
Acq: 24 Aug 2020 14:15

Tgt Ion: 92 Resp: 90122

Ion Ratio Lower Upper

92 100

91 176.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)

100000

80000

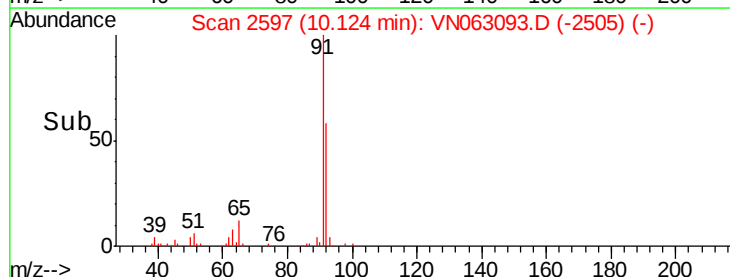
60000

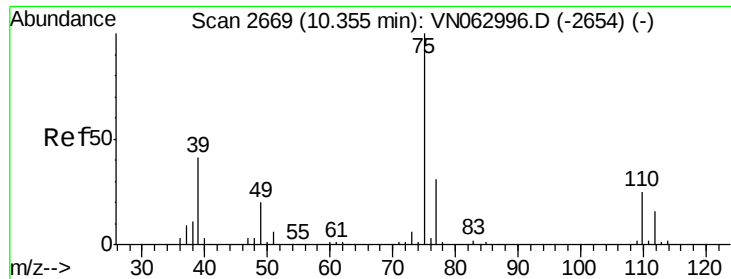
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.543 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

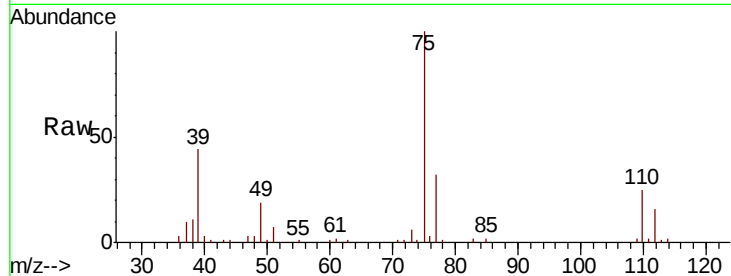
VN0824WBSD01

Tot Ion: 75 Resp: 56874

Ion Ratio Lower Upper

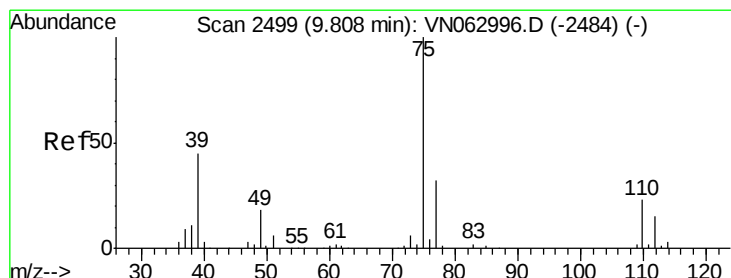
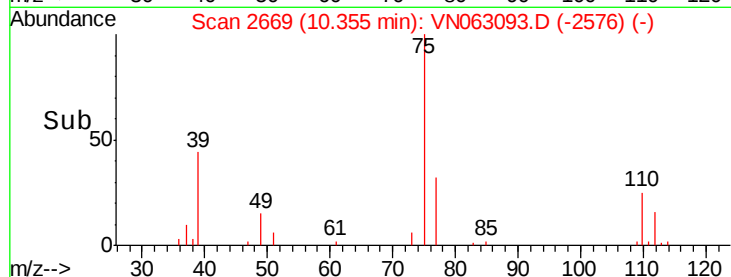
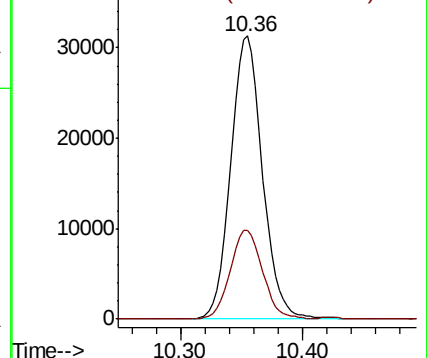
75 100

77 31.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.362 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

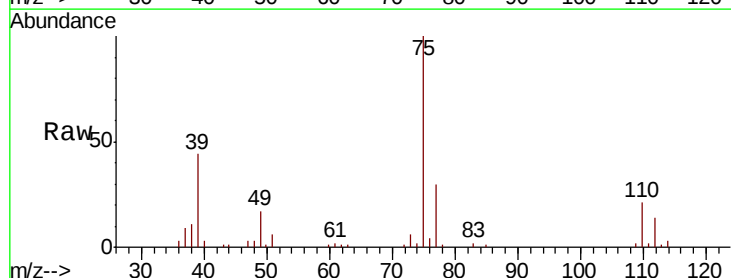
Tgt Ion: 75 Resp: 61840

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.2

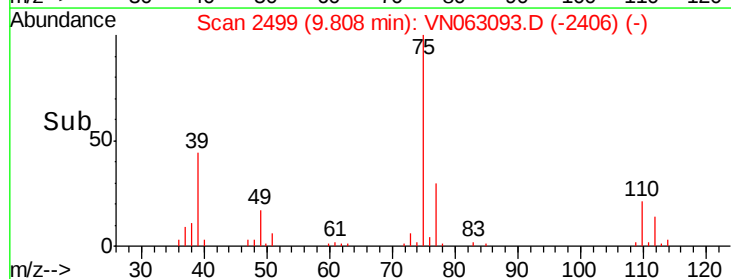
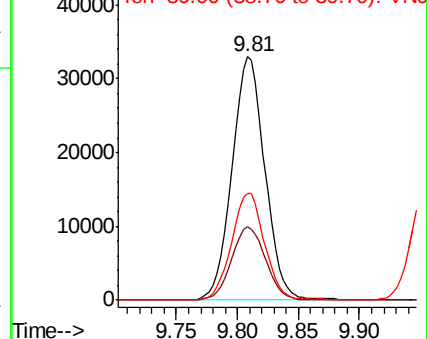
39 44.0 35.7 53.5

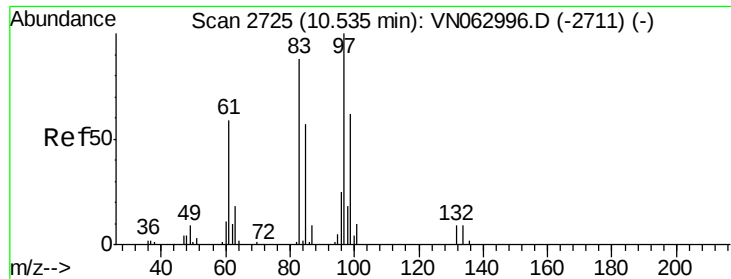


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

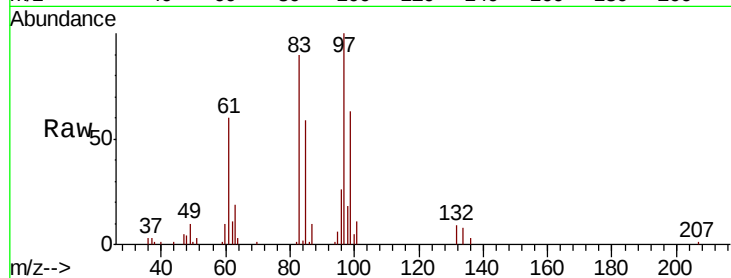




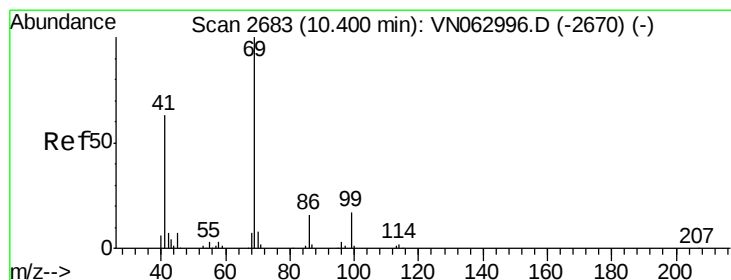
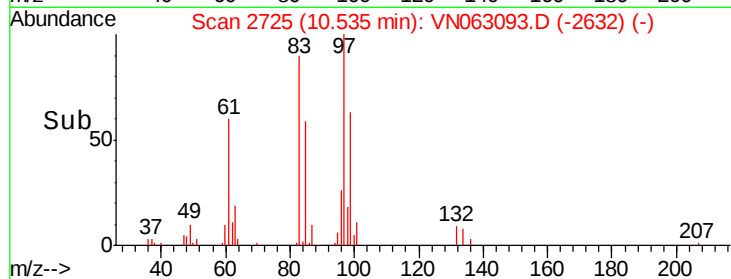
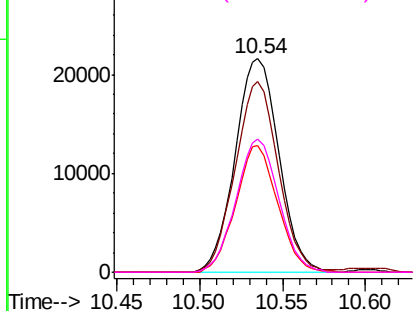
#55
 1,1,2-Trichloroethane
 Concen: 21.068 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

Tot Ion: 97 Resp: 39779
 Ion Ratio Lower Upper
 97 100
 83 89.6 70.5 105.7
 85 59.3 45.8 68.6
 99 62.6 49.7 74.5

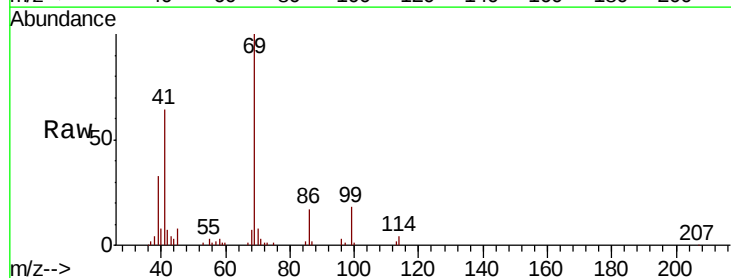


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

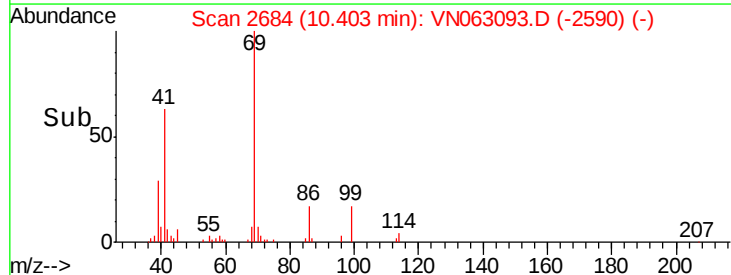
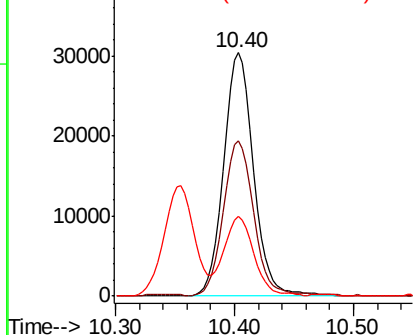


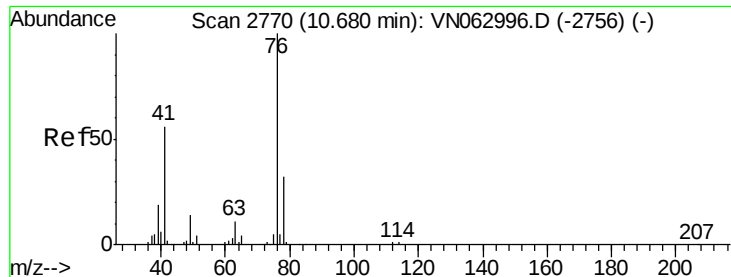
#56
 Ethyl methacrylate
 Concen: 19.239 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion: 69 Resp: 52869
 Ion Ratio Lower Upper
 69 100
 41 65.8 50.2 75.2
 39 33.0 24.2 36.4



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





#57

1,3-Dichloropropane

Concen: 20.553 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

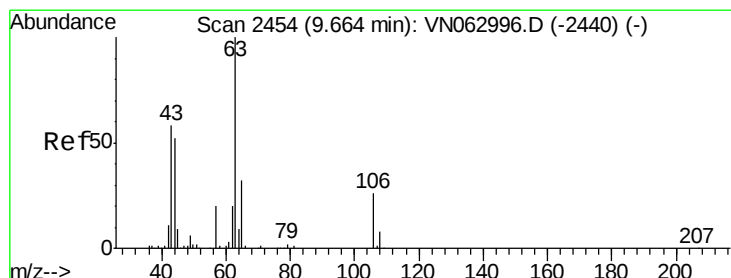
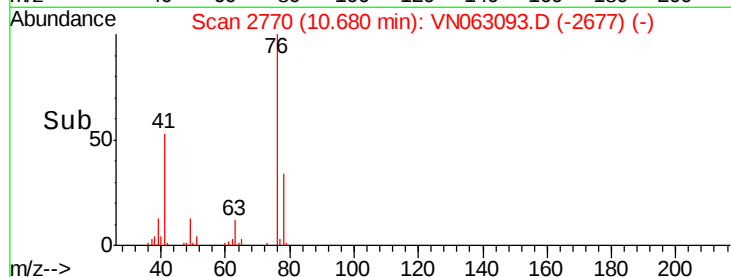
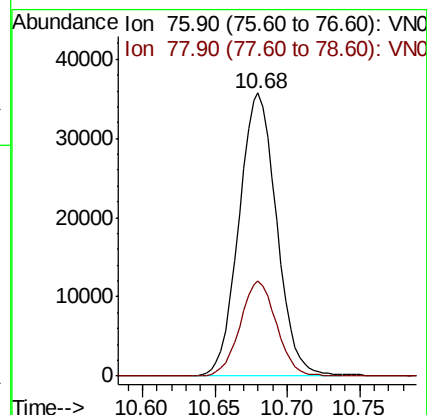
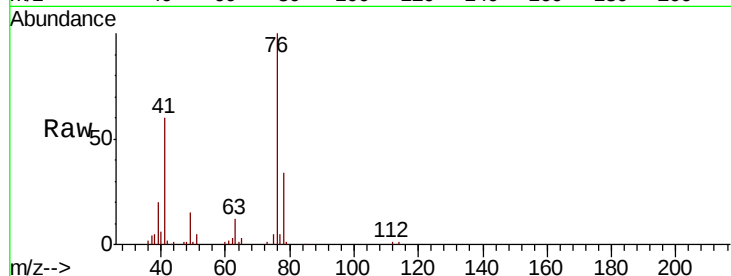
VN0824WBSD01

Tot Ion: 76 Resp: 64439

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 100.123 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063093.D

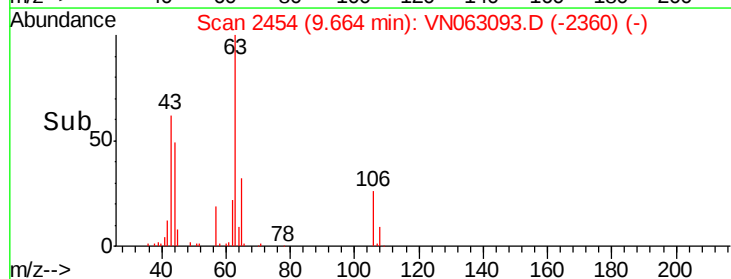
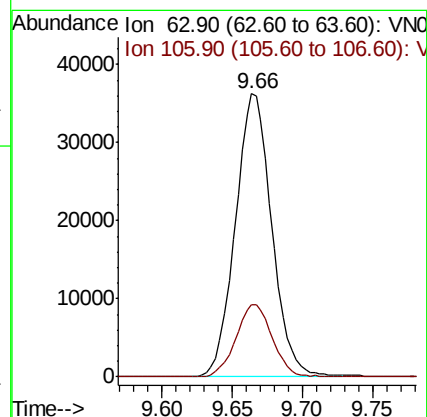
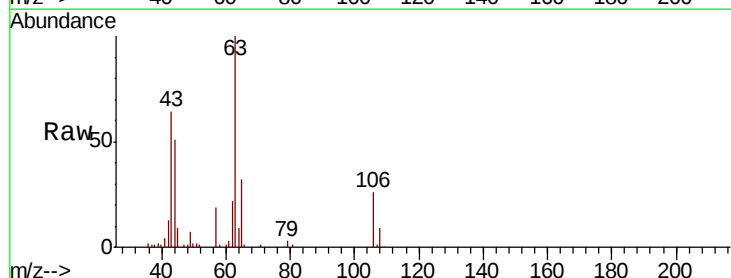
Acq: 24 Aug 2020 14:15

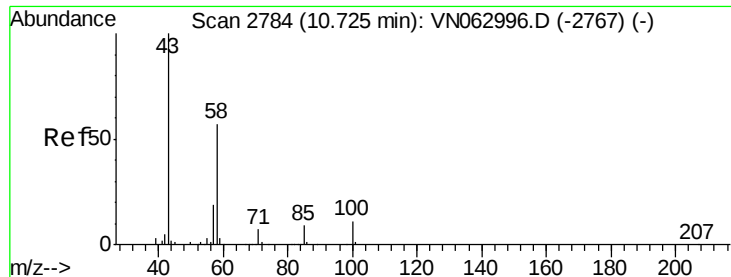
Tgt Ion: 63 Resp: 65531

Ion Ratio Lower Upper

63 100

106 25.4 20.7 31.1

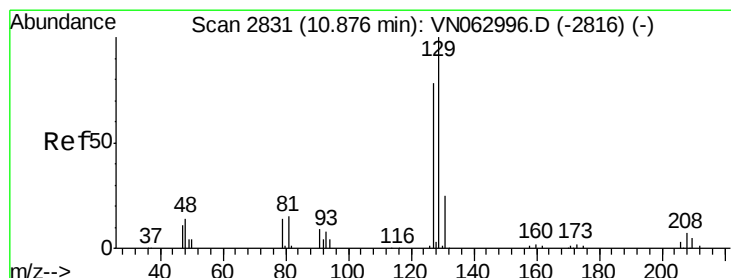
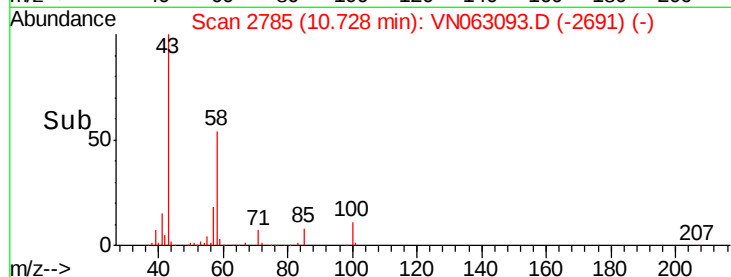
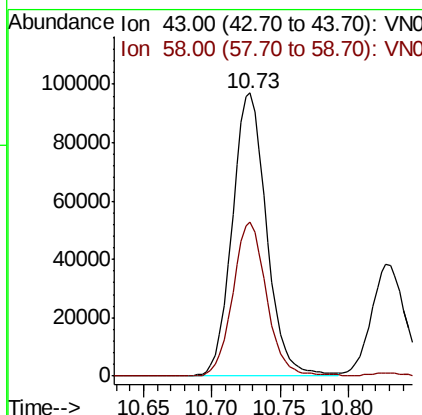
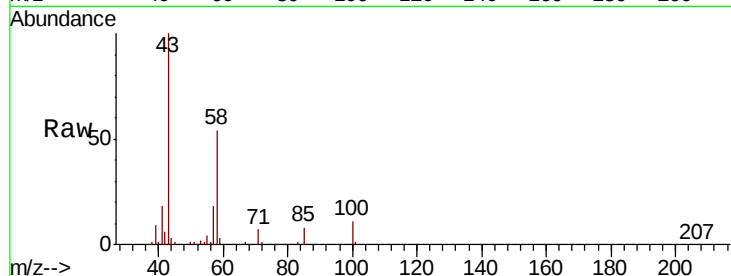




#59
2-Hexanone
Concen: 106.660 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

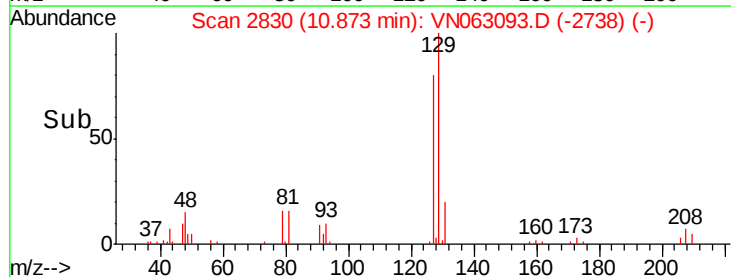
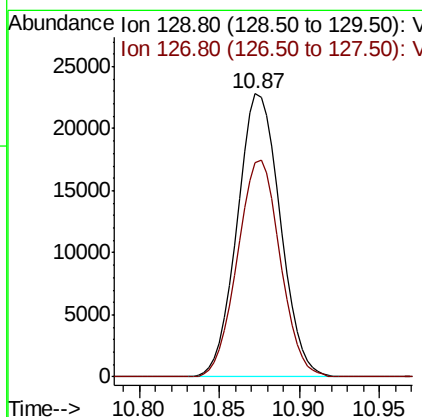
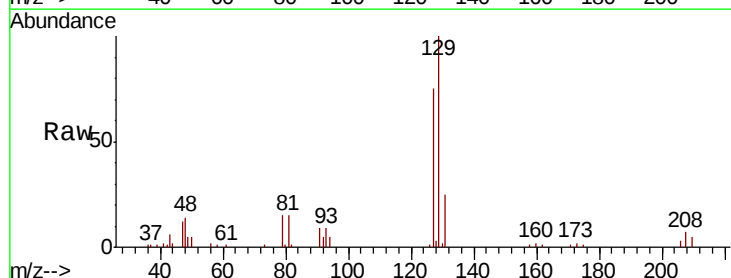
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

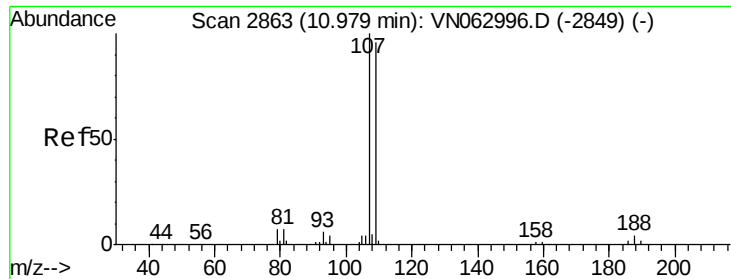
Tot Ion: 43 Resp: 168481
Ion Ratio Lower Upper
43 100
58 53.9 28.1 84.3



#60
Dibromochloromethane
Concen: 20.020 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 129 Resp: 41831
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2

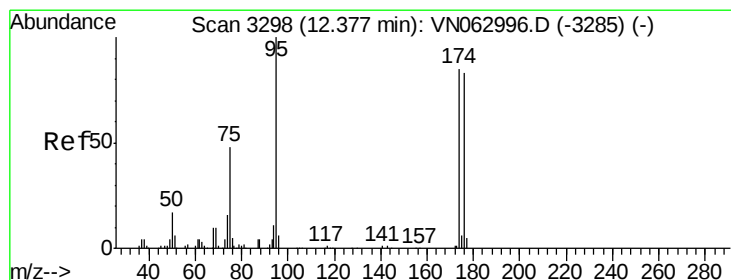
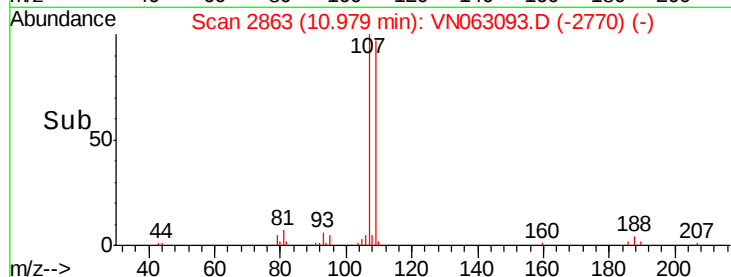
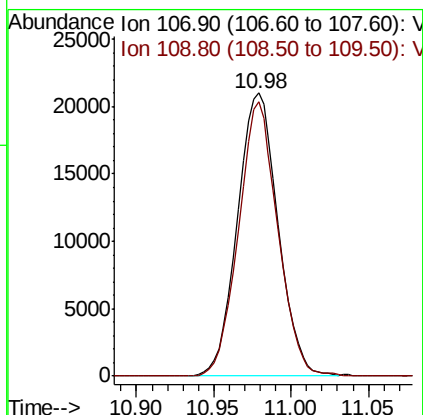
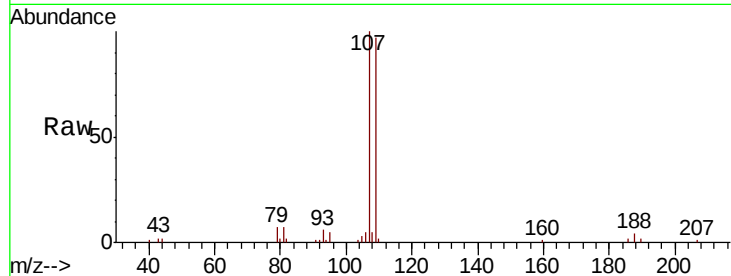




#61
 1,2-Dibromoethane
 Concen: 21.108 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

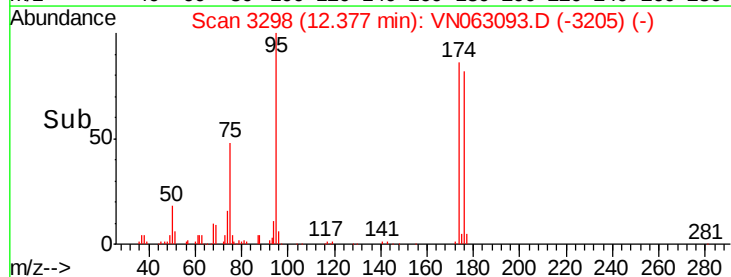
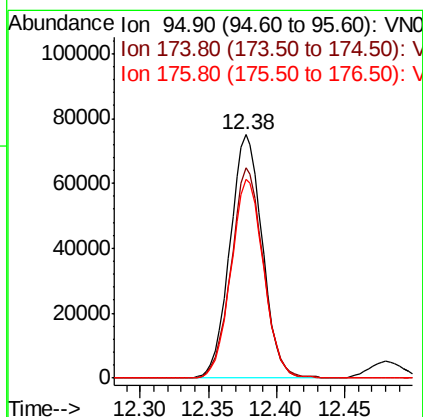
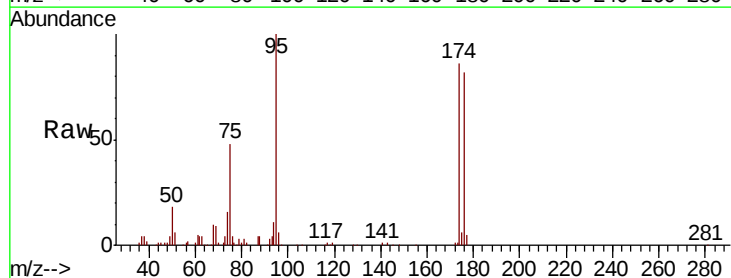
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

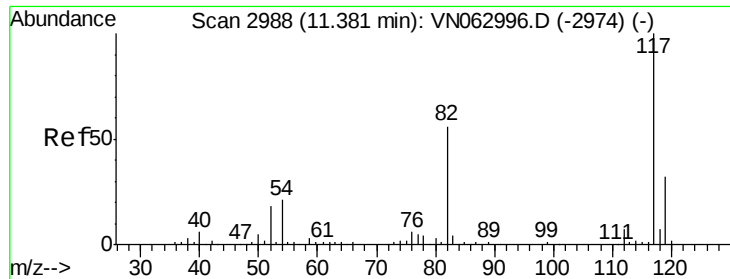
Tot Ion:107 Resp: 38294
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 53.443 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion: 95 Resp: 123617
 Ion Ratio Lower Upper
 95 100
 174 85.8 0.0 170.8
 176 82.3 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

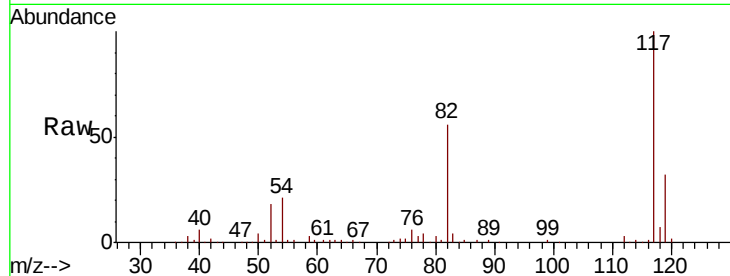
Tot Ion:117 Resp: 252750

Ion Ratio Lower Upper

117 100

82 55.9 44.5 66.7

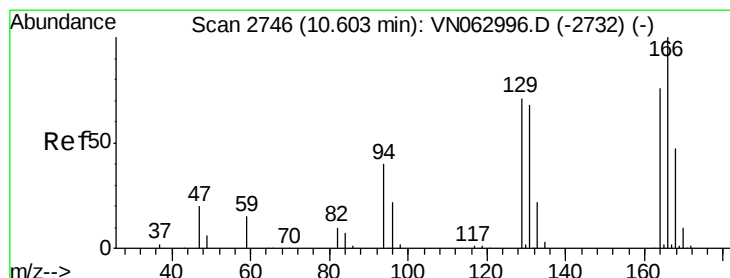
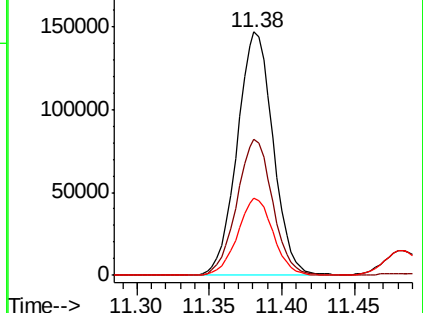
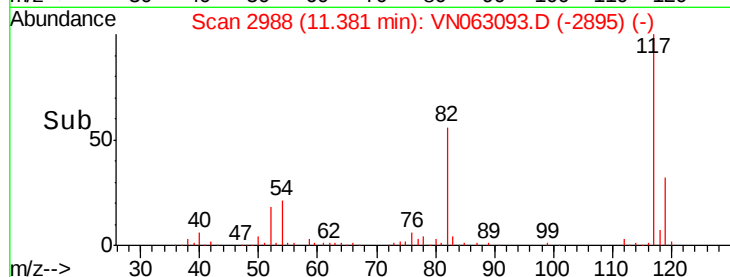
119 31.6 25.5 38.3



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: 18.638 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Tgt Ion:164 Resp: 30966

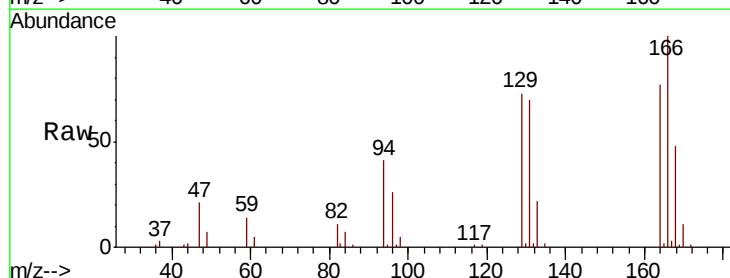
Ion Ratio Lower Upper

164 100

166 129.1 105.0 157.6

129 94.3 74.7 112.1

131 90.3 71.0 106.4

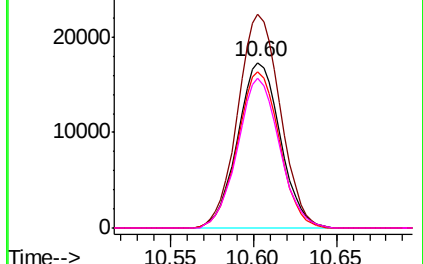
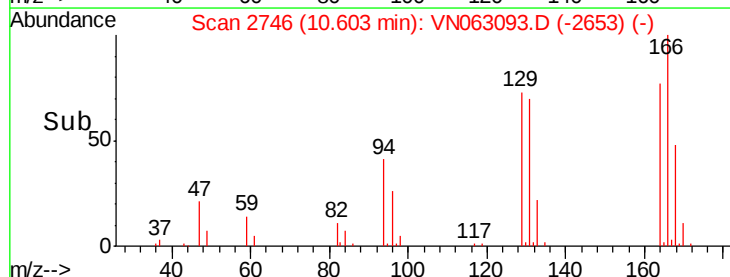


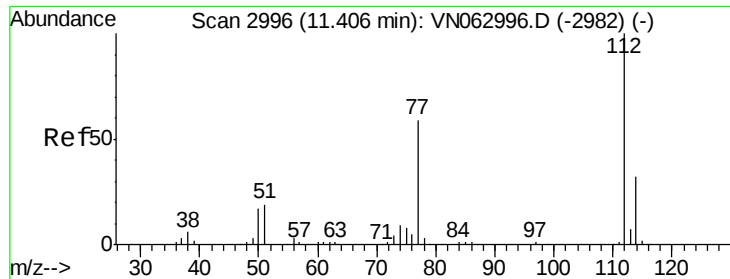
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

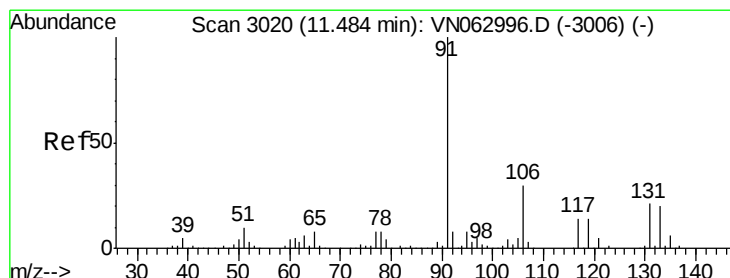
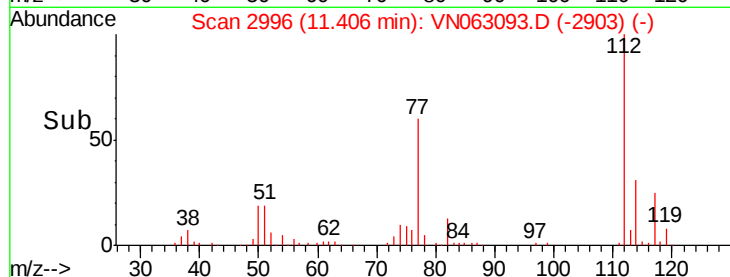
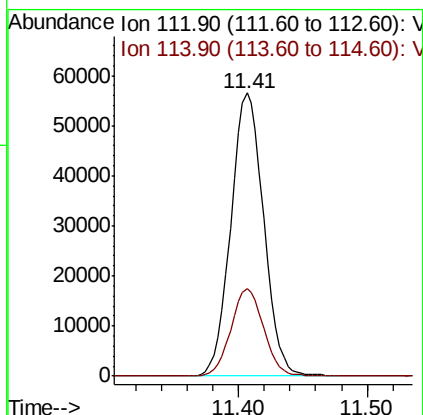
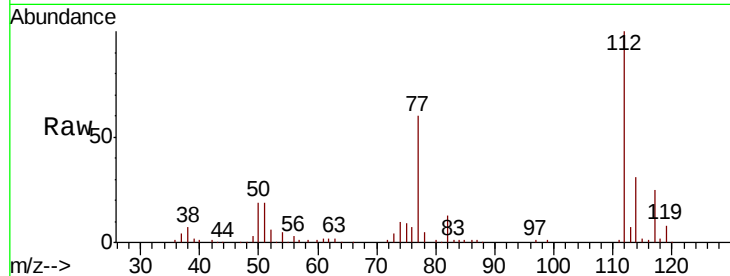




#65
Chlorobenzene
Concen: 19.689 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

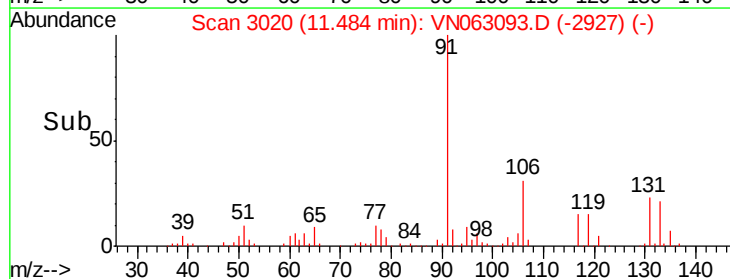
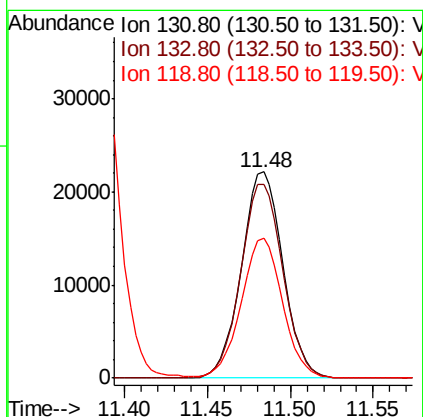
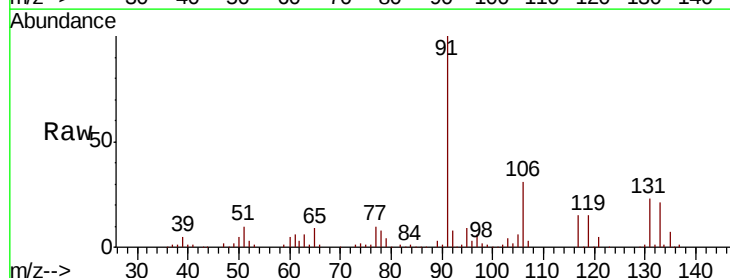
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

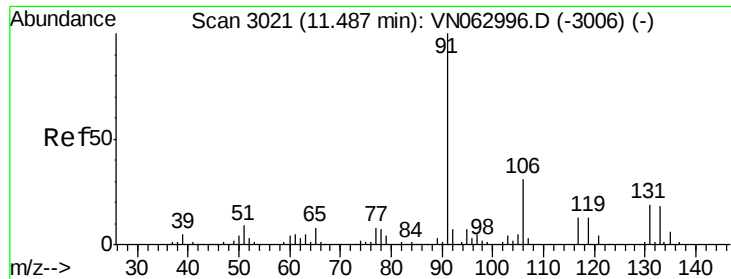
Tot Ion:112 Resp: 99942
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.535 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion:131 Resp: 38570
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 67.8 33.1 99.3

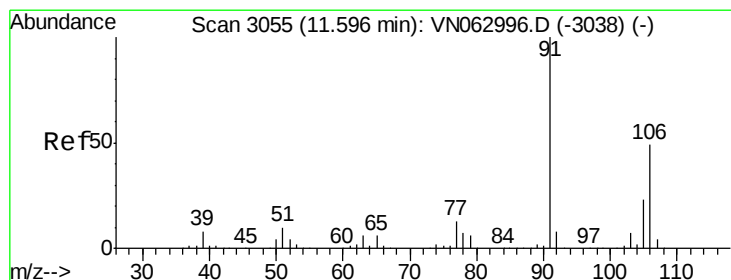
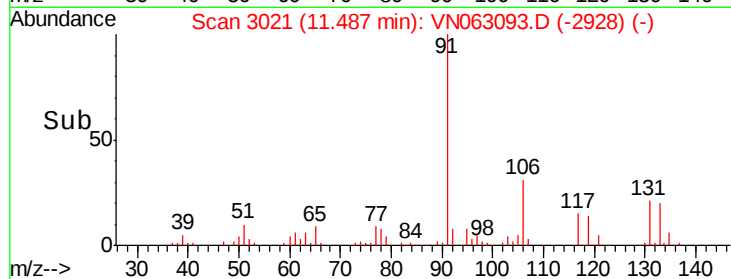
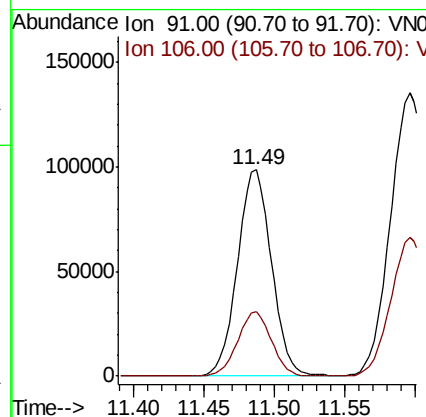
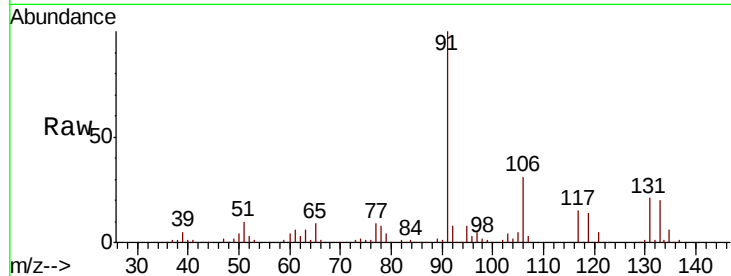




#67
Ethyl Benzene
Concen: 19.517 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

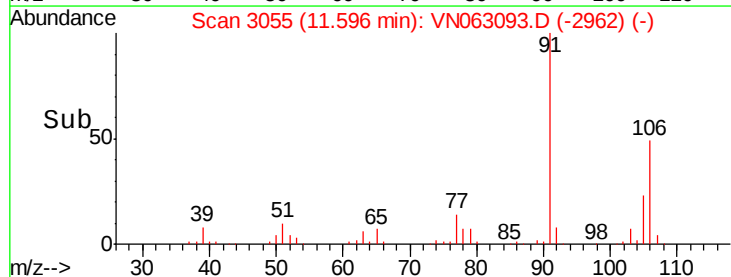
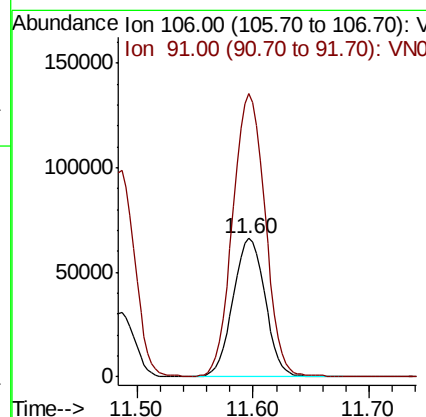
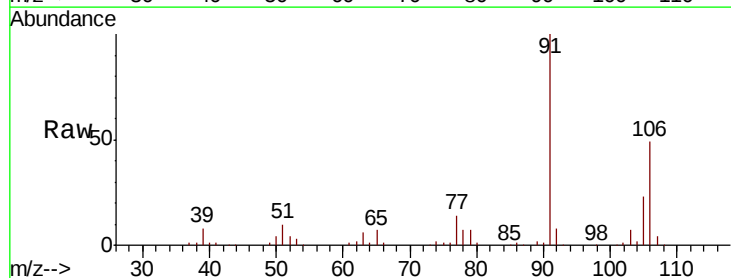
Instrument :
MSVOA_N
ClientSampled :
VN0824WBSD01

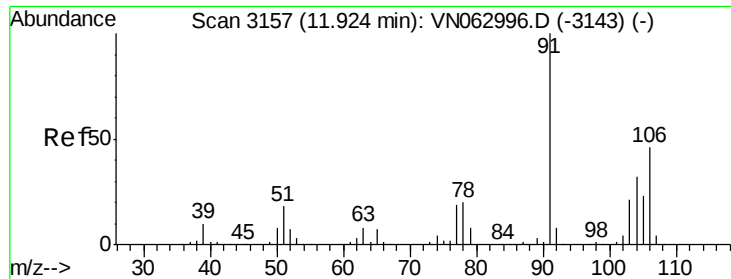
Tot Ion: 91 Resp: 167404
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



#68
m/p-Xylenes
Concen: 40.114 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 106 Resp: 127877
Ion Ratio Lower Upper
106 100
91 205.2 163.0 244.4

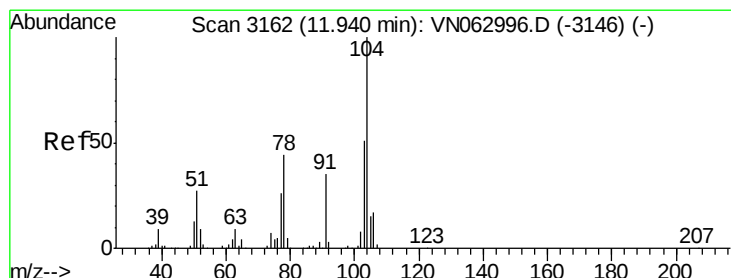
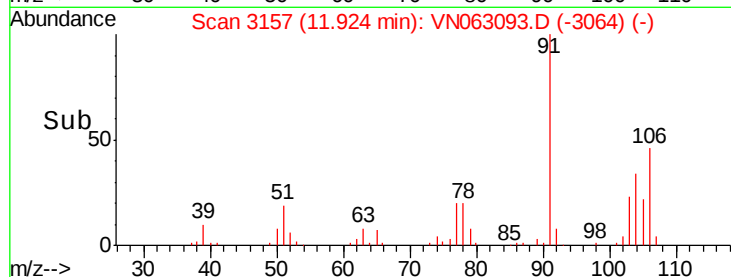
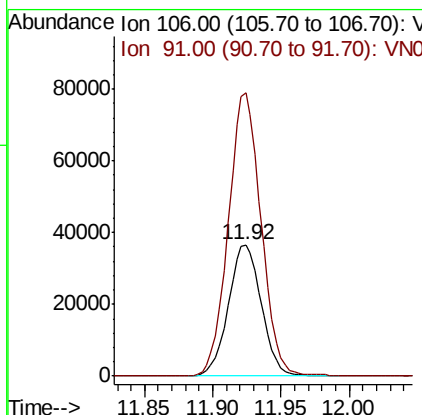
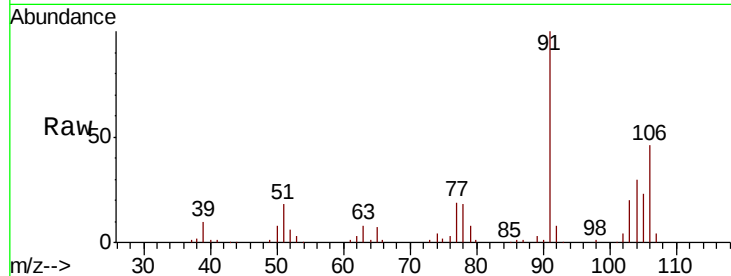




#69
o-Xylene
Concen: 20.101 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

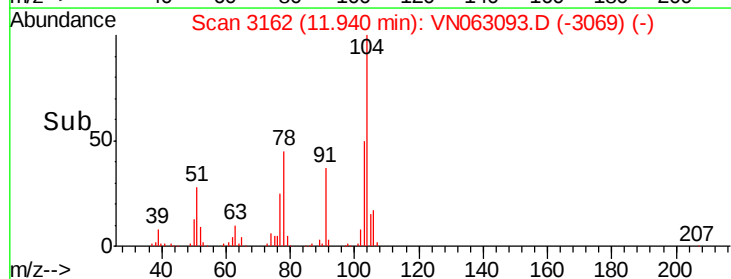
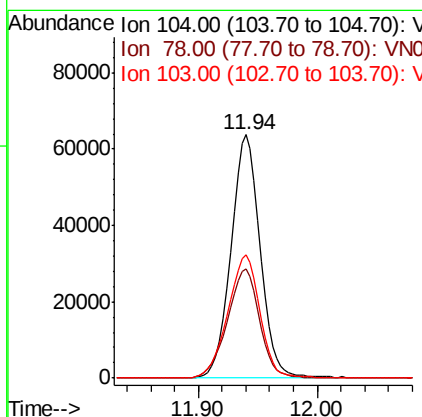
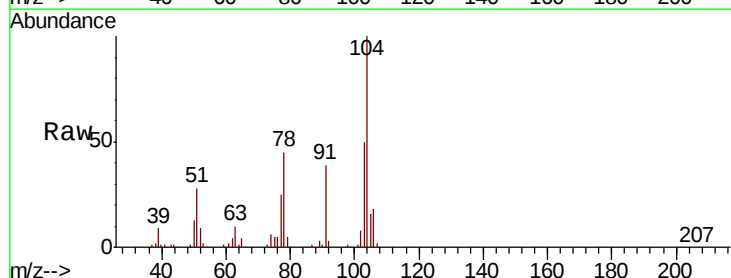
Instrument :
MSVOA_N
ClientSampled :
VN0824WBSD01

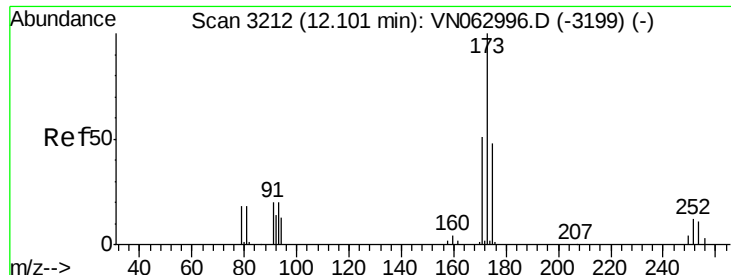
Tot Ion:106 Resp: 61535
Ion Ratio Lower Upper
106 100
91 213.9 107.3 321.9



#70
Styrene
Concen: 19.051 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion:104 Resp: 108211
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 55.6 44.3 66.5

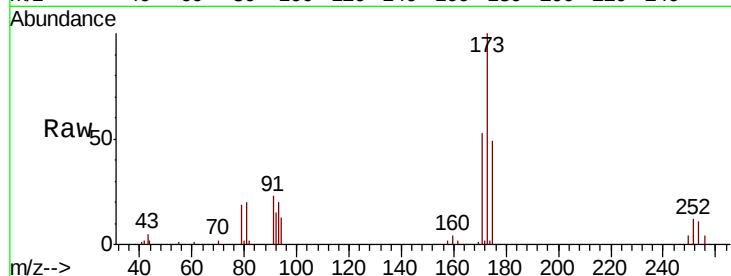




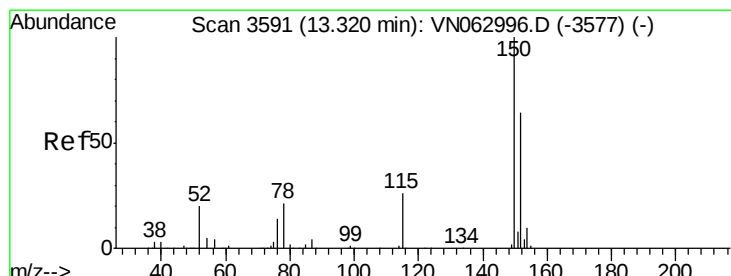
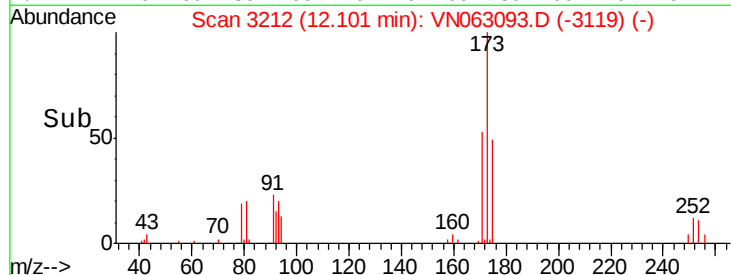
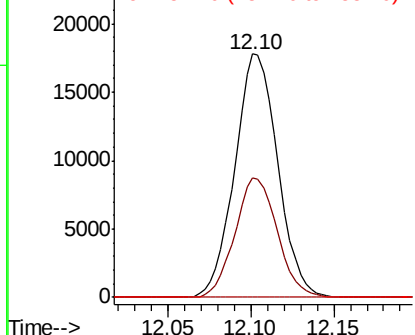
#71
Bromoform
Concen: 20.384 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

Tot Ion:173 Resp: 32035
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.0 0.0 0.0

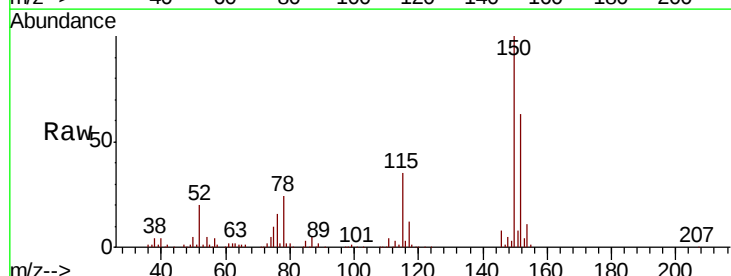


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

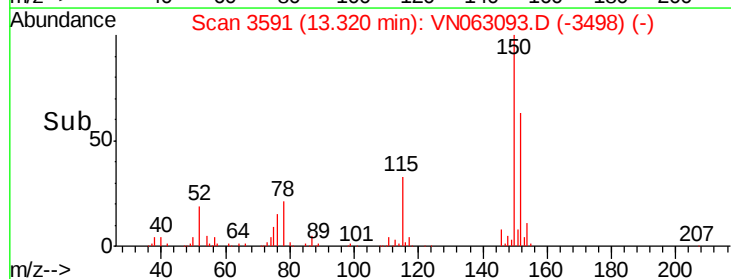
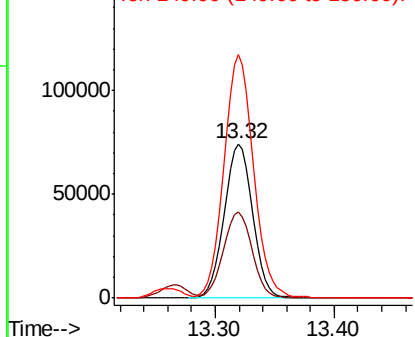


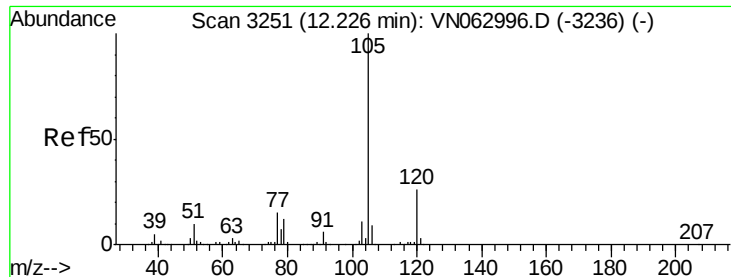
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion:152 Resp: 123383
Ion Ratio Lower Upper
152 100
115 55.7 28.7 86.3
150 163.5 0.0 348.8



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: 19.497 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

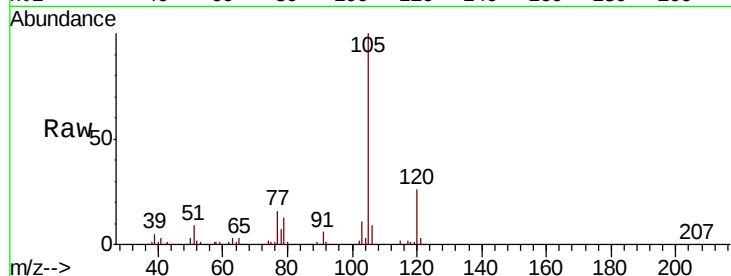
VN0824WBSD01

Tot Ion:105 Resp: 164737

Ion Ratio Lower Upper

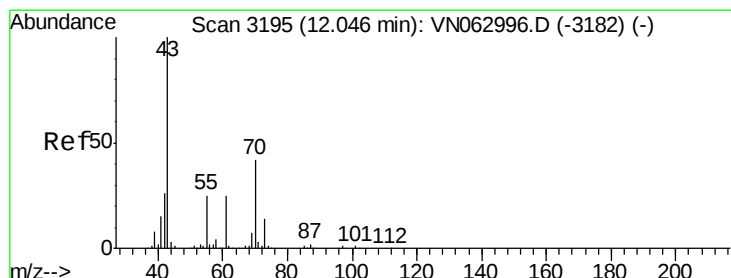
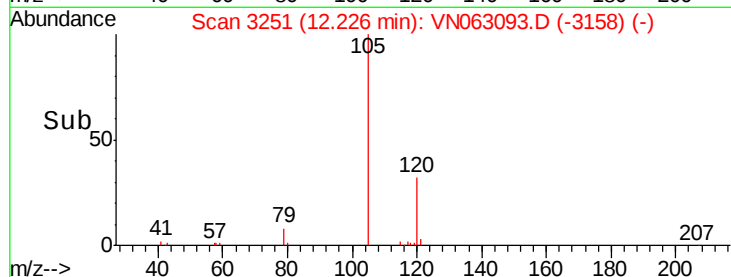
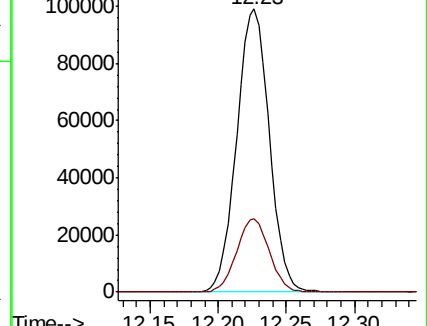
105 100

120 25.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.950 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Tgt Ion: 43 Resp: 66423

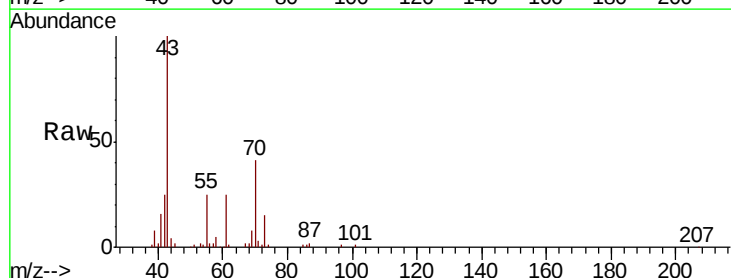
Ion Ratio Lower Upper

43 100

70 40.1 33.4 50.0

55 25.1 20.2 30.2

61 23.0 19.9 29.9

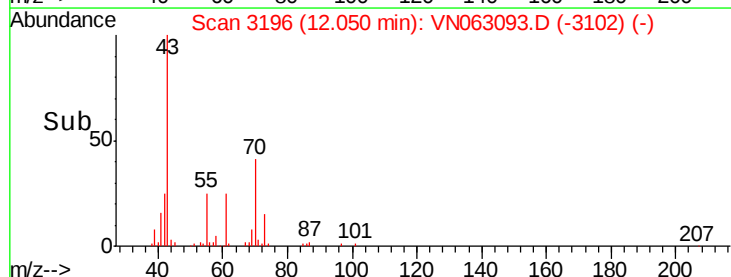
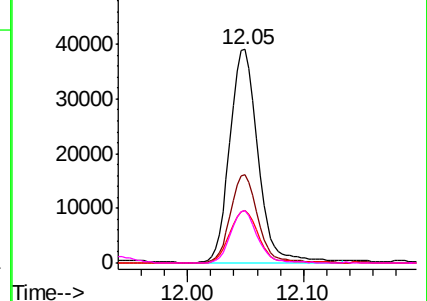


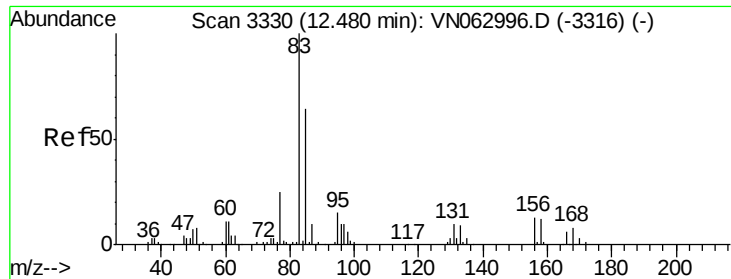
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.139 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

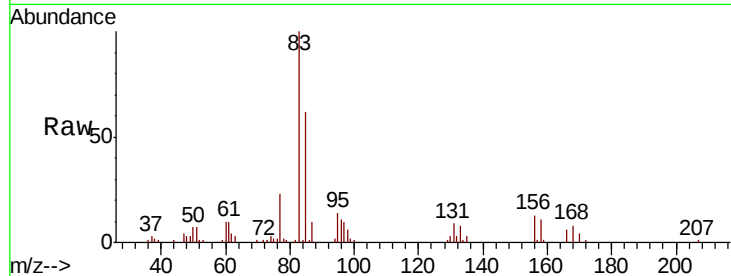
Tot Ion: 83 Resp: 60286

Ion Ratio Lower Upper

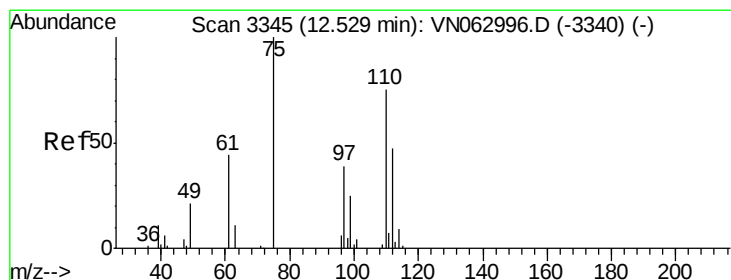
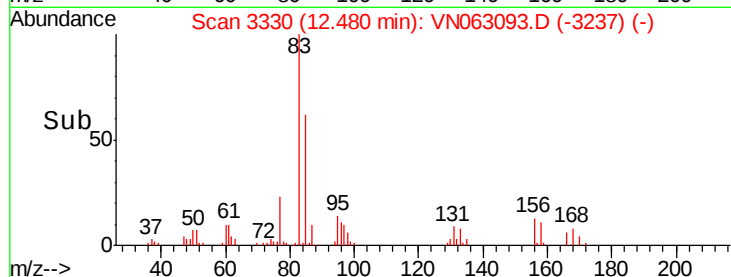
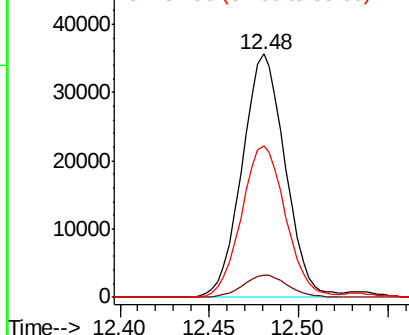
83 100

131 9.4 4.9 14.7

85 63.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.747 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063093.D

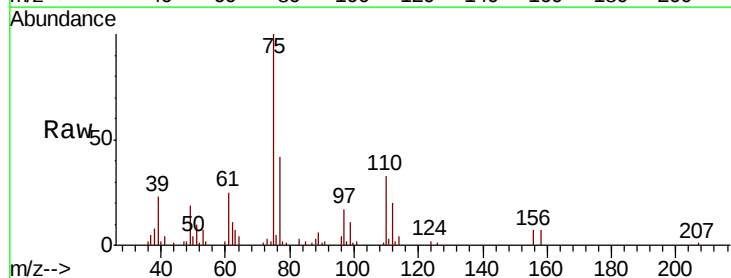
Acq: 24 Aug 2020 14:15

Tgt Ion: 75 Resp: 71342

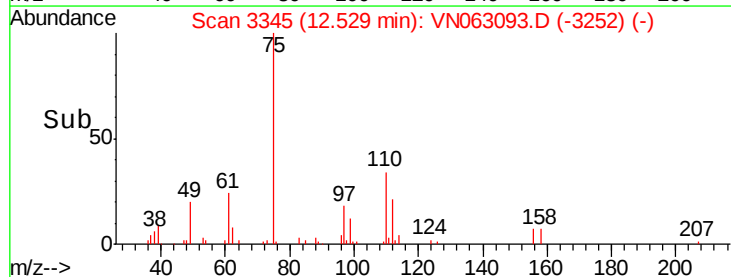
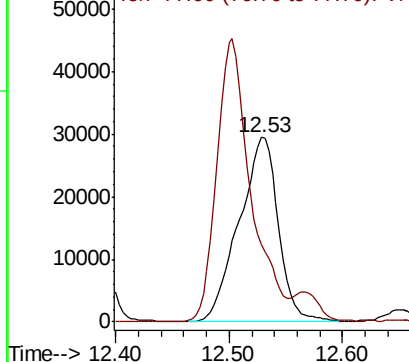
Ion Ratio Lower Upper

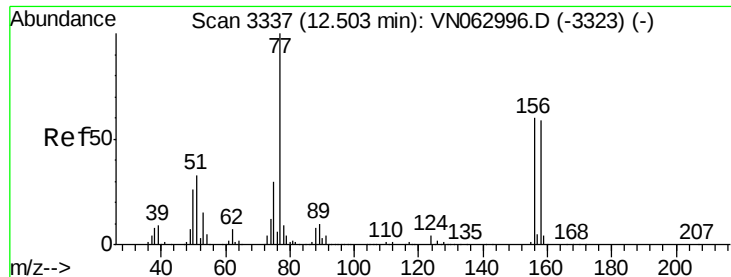
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.883 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

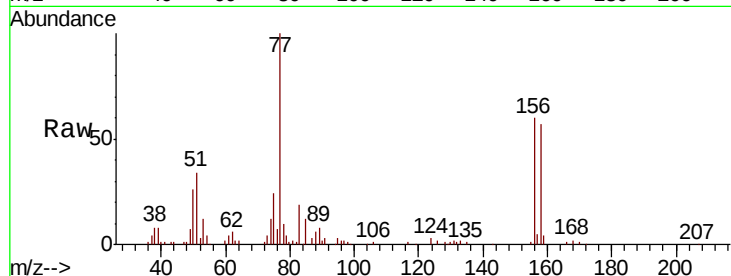
Tot Ion:156 Resp: 46203

Ion Ratio Lower Upper

156 100

77 204.1 101.0 302.9

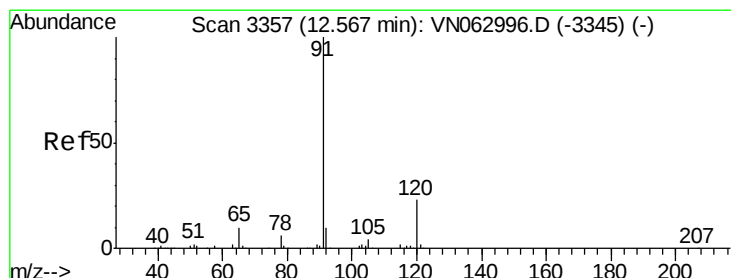
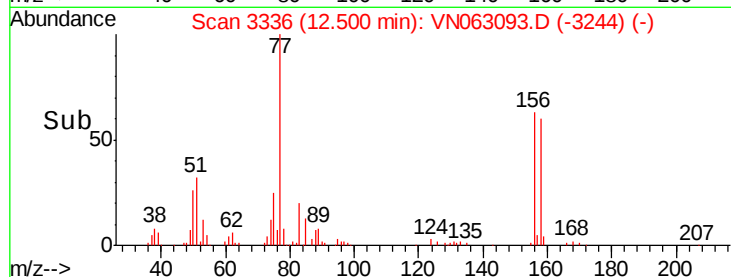
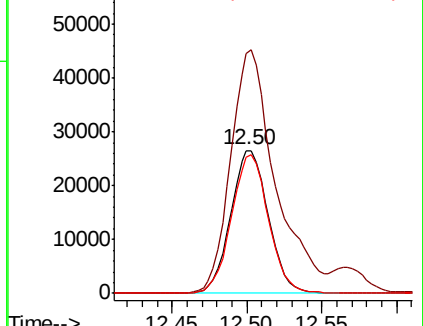
158 95.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.602 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063093.D

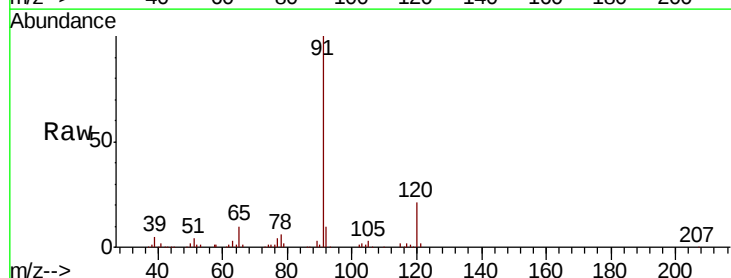
Acq: 24 Aug 2020 14:15

Tgt Ion: 91 Resp: 188780

Ion Ratio Lower Upper

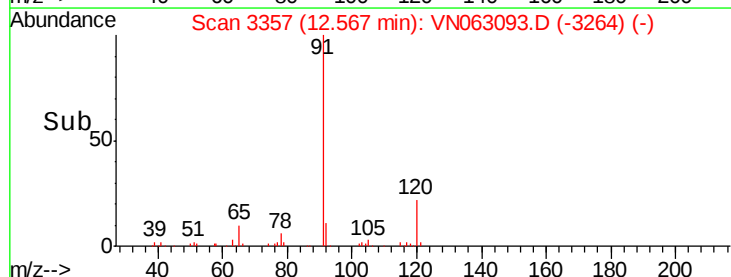
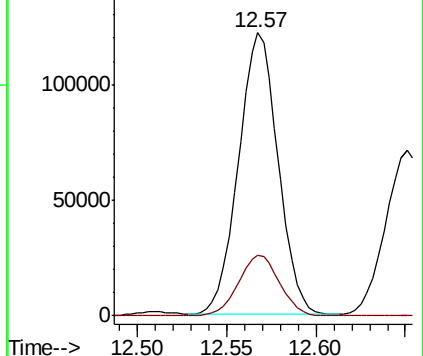
91 100

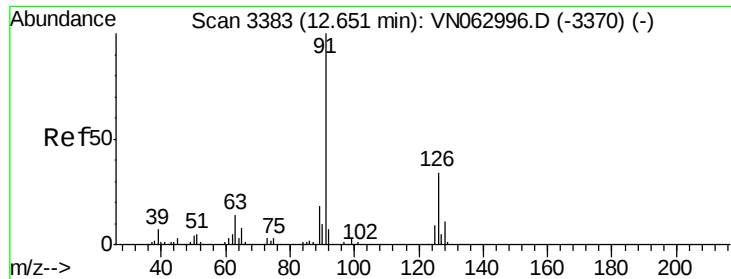
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

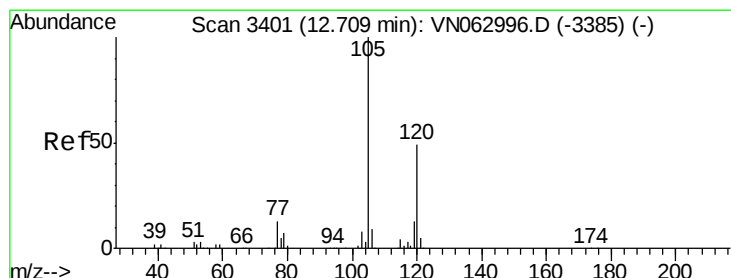
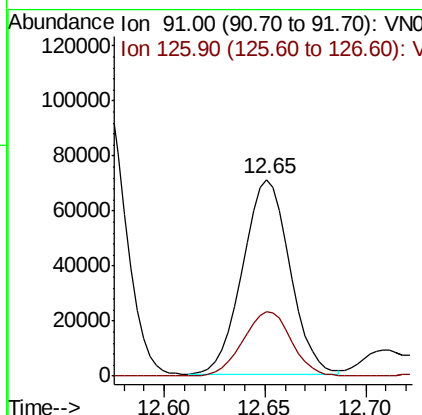
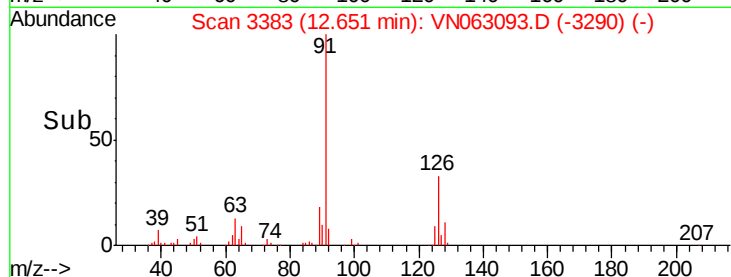
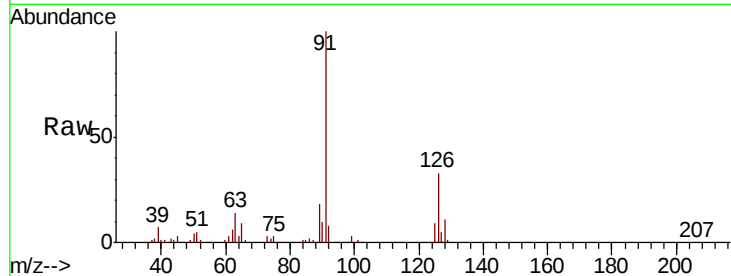




#79
 2-Chlorotoluene
 Concen: 19.274 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

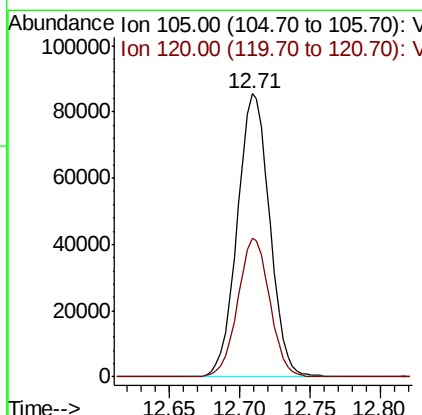
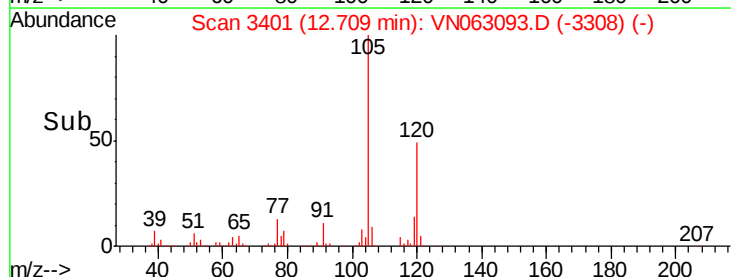
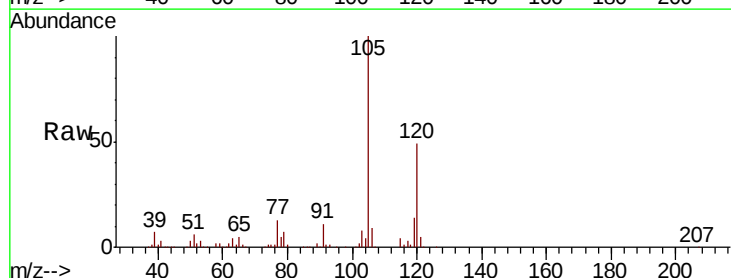
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

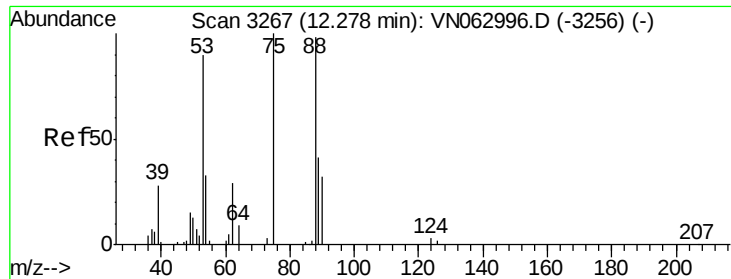
Tot Ion: 91 Resp: 116754
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.738 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion: 105 Resp: 137863
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.866 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN063093.D

Acq: 24 Aug 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBSD01

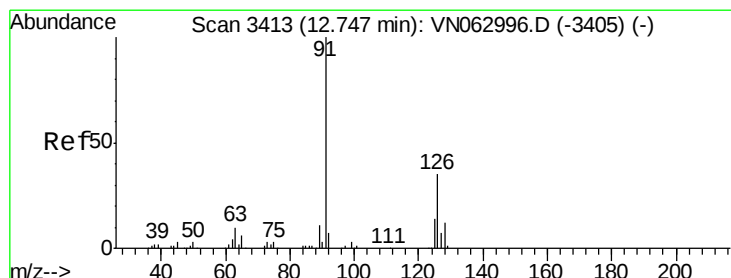
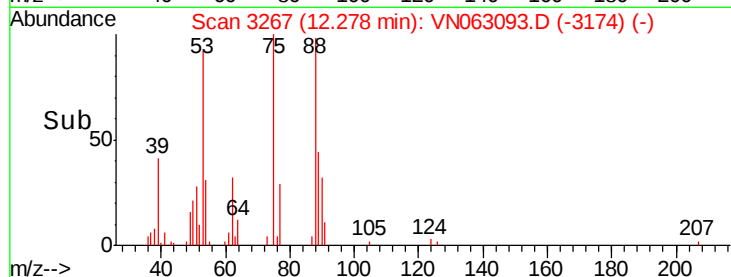
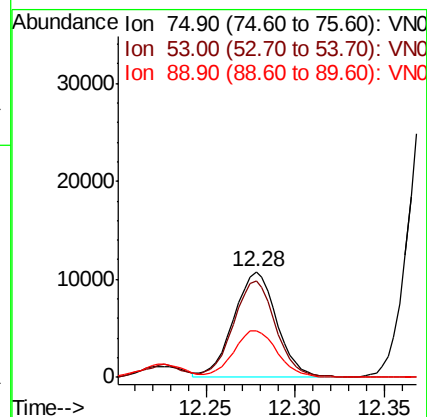
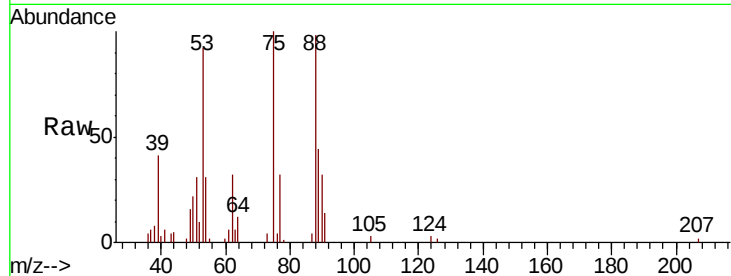
Tot Ion: 75 Resp: 18221

Ion Ratio Lower Upper

75 100

53 89.5 69.2 103.8

89 44.5 34.2 51.4



#82

4-Chlorotoluene

Concen: 19.487 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN063093.D

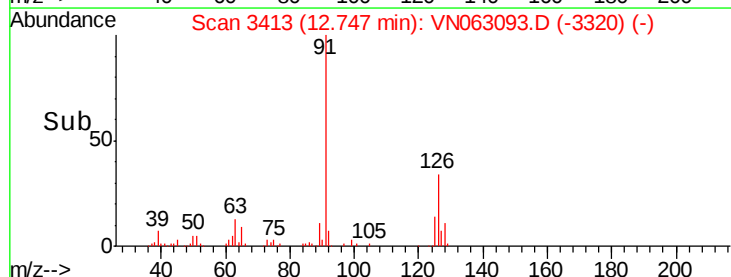
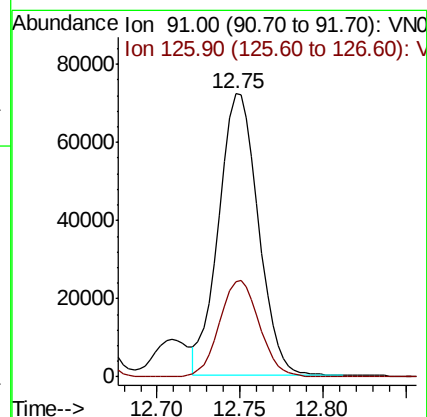
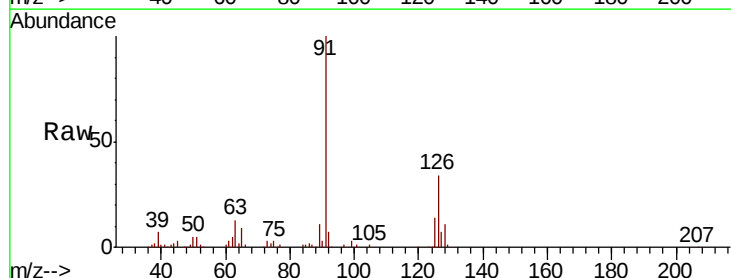
Acq: 24 Aug 2020 14:15

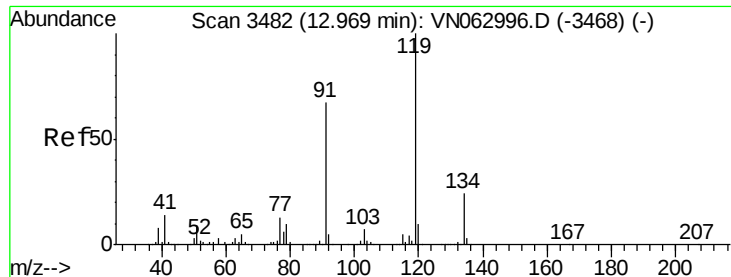
Tgt Ion: 91 Resp: 120199

Ion Ratio Lower Upper

91 100

126 34.6 16.5 49.5

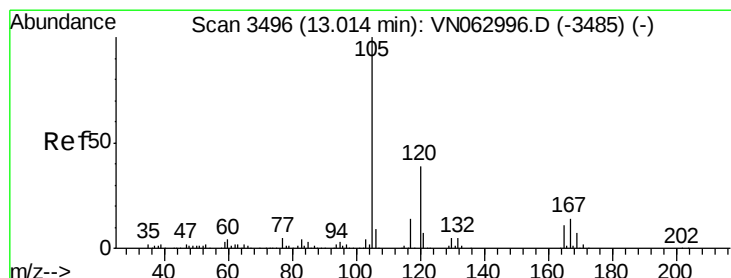
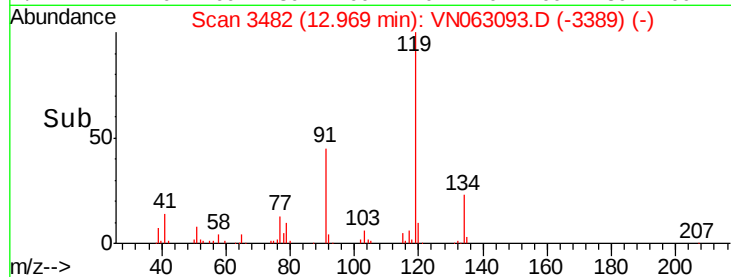
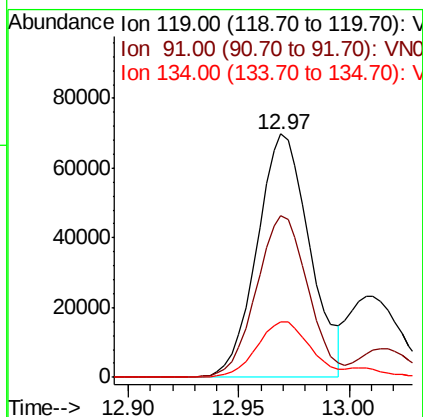
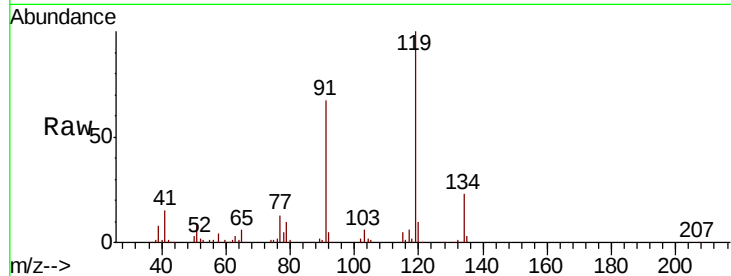




#83
tert-Butylbenzene
Concen: 19.177 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

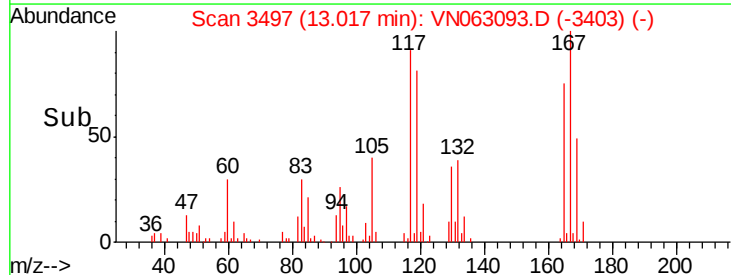
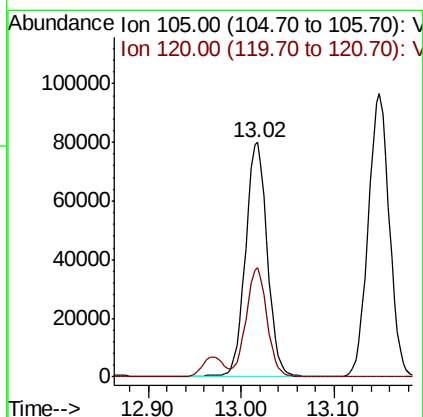
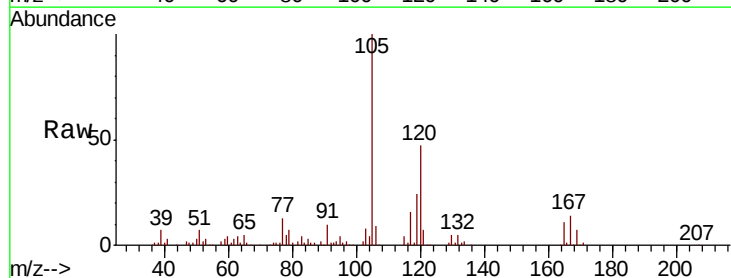
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

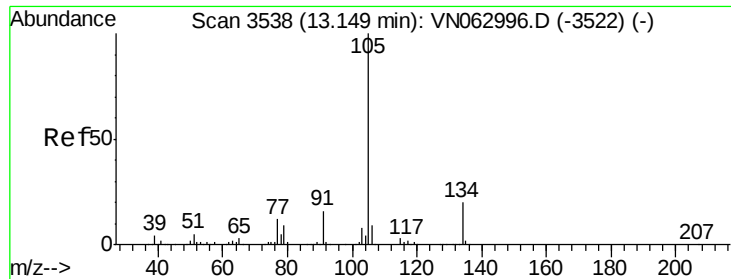
Tot Ion:119 Resp: 115607
Ion Ratio Lower Upper
119 100
91 65.3 32.5 97.4
134 23.2 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 19.161 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion:105 Resp: 130380
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5

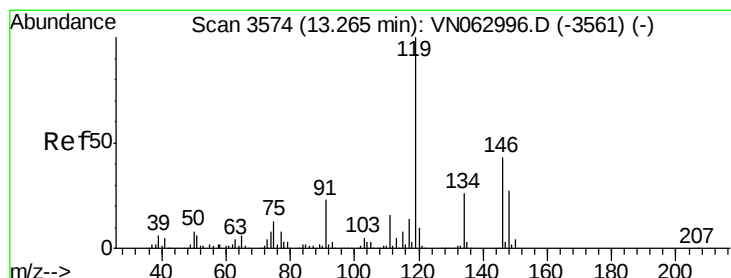
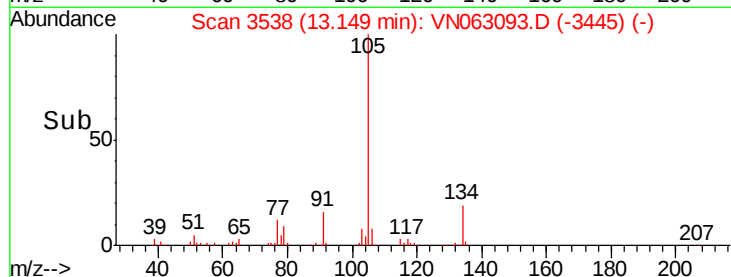
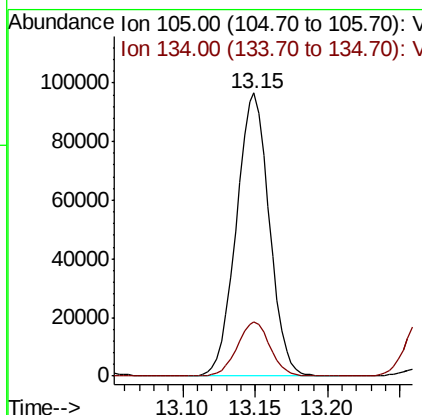
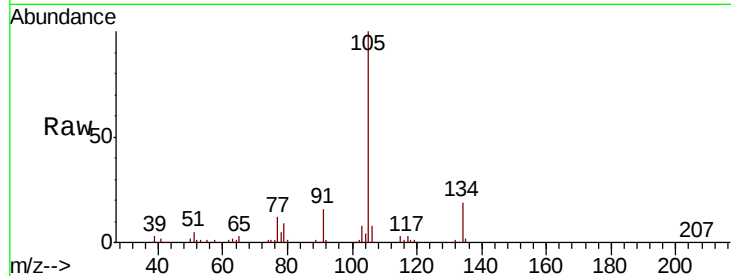




#85
 sec-Butylbenzene
 Concen: 18.610 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

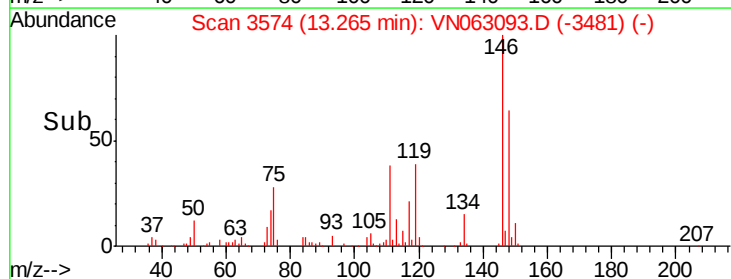
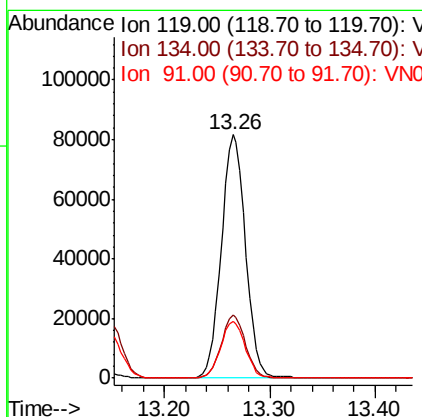
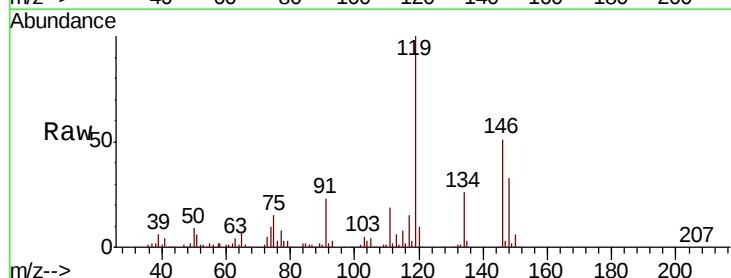
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

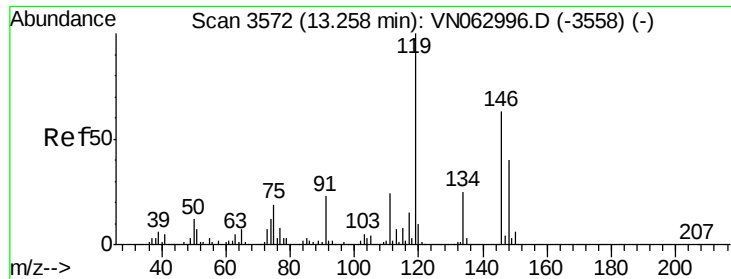
Tot Ion:105 Resp: 151619
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 18.246 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion:119 Resp: 129527
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 24.0 11.5 34.4

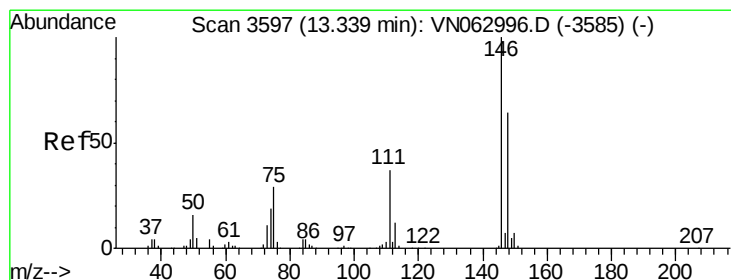
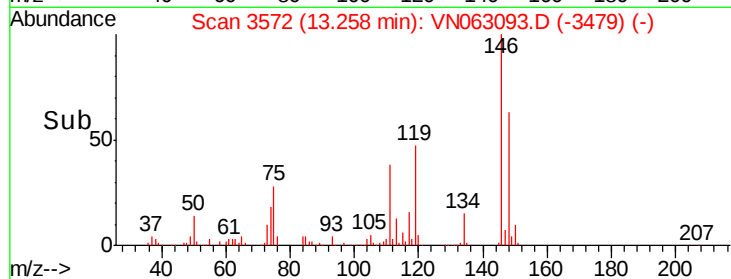
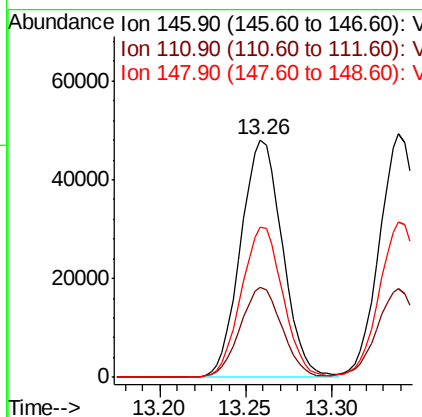
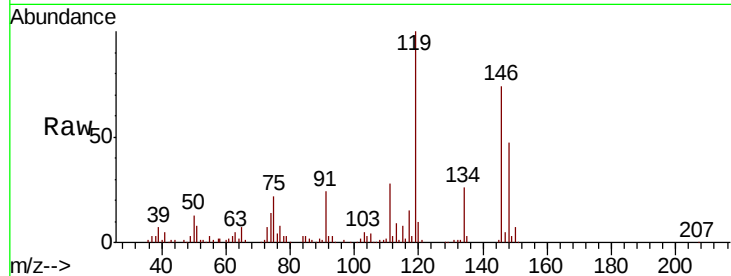




#87
 1,3-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

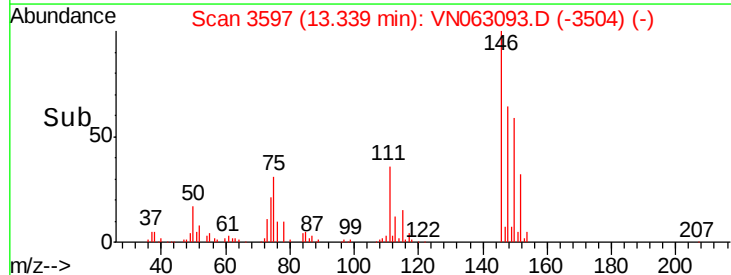
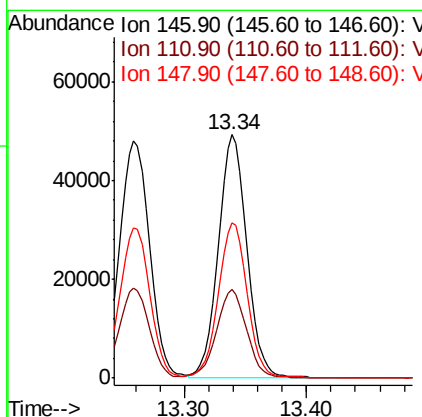
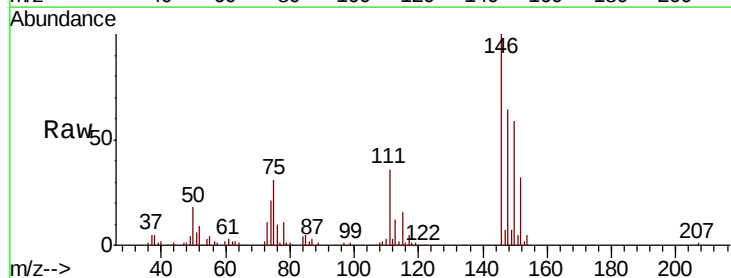
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

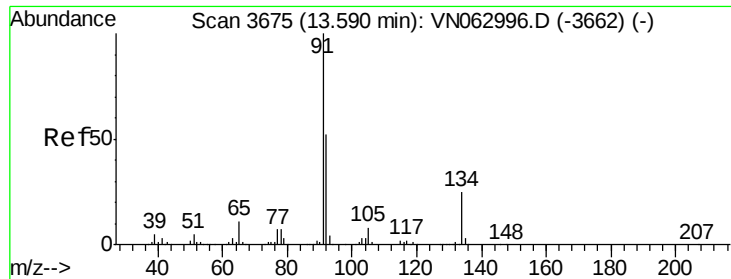
Tot Ion:146 Resp: 81136
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.1
 148 63.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.122 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion:146 Resp: 81564
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.8 56.4
 148 63.3 32.4 97.0

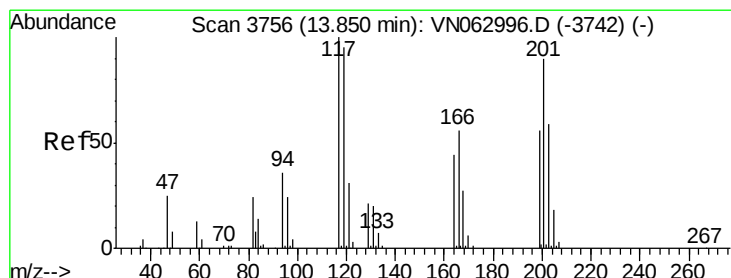
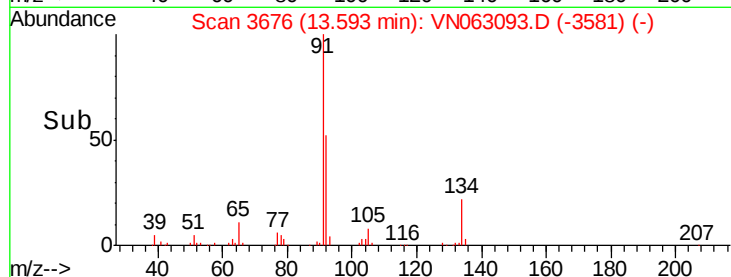
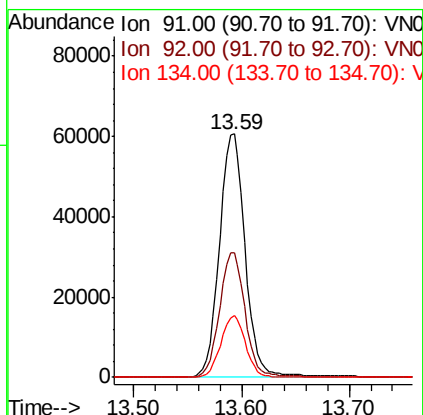
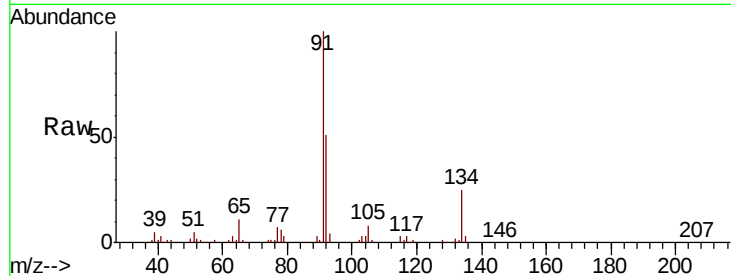




#89
n-Butylbenzene
Concen: 16.884 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

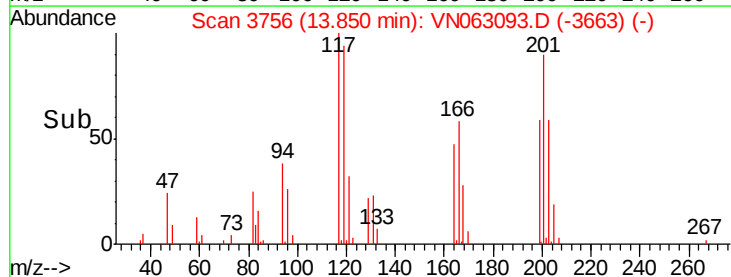
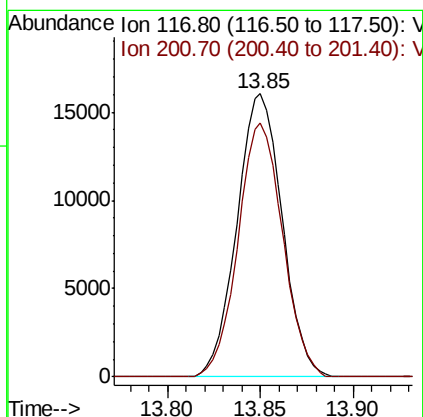
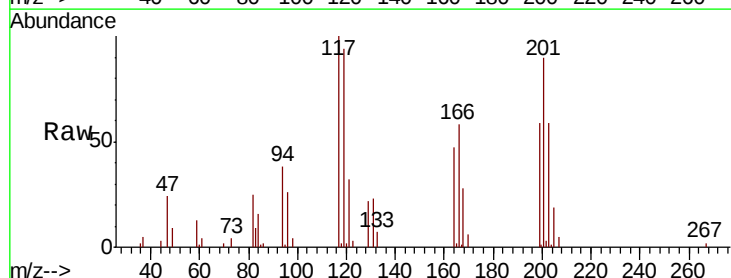
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

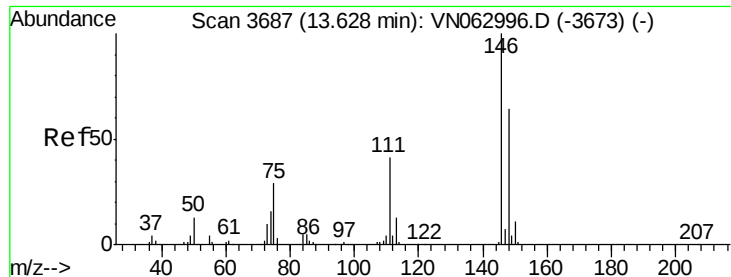
Tot Ion: 91 Resp: 100534
Ion Ratio Lower Upper
91 100
92 50.7 25.9 77.6
134 24.4 12.4 37.0



#90
Hexachloroethane
Concen: 18.058 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion: 117 Resp: 27247
Ion Ratio Lower Upper
117 100
201 88.5 44.1 132.4

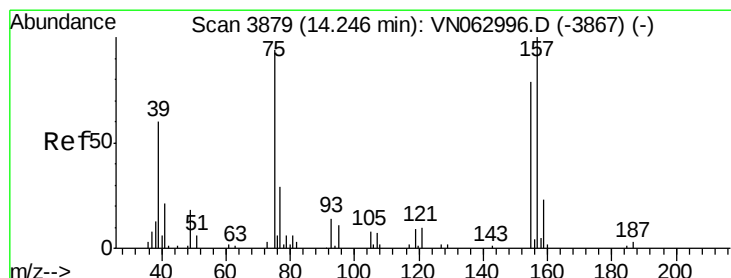
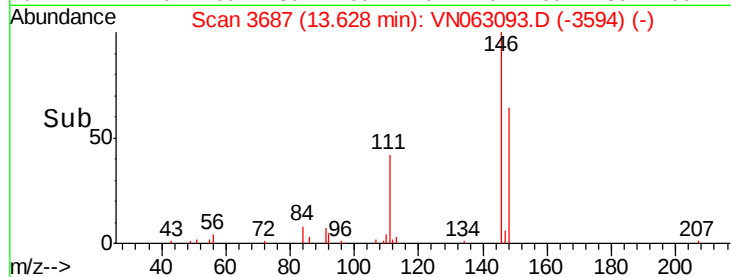
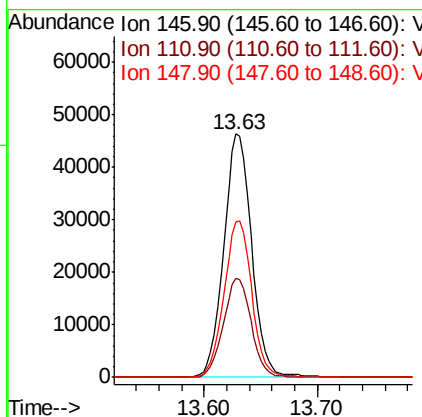
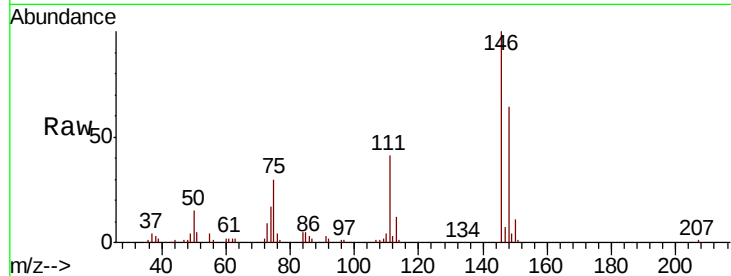




#91
 1,2-Dichlorobenzene
 Concen: 20.660 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

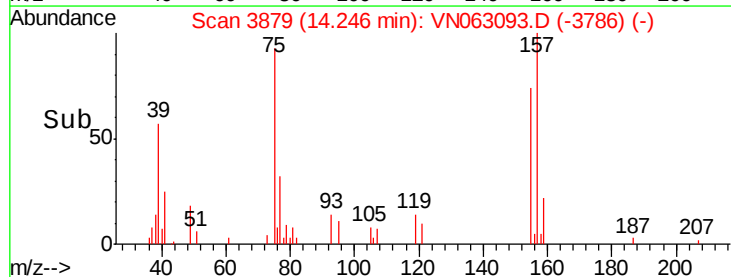
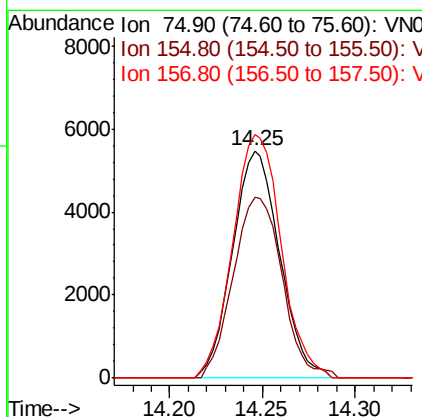
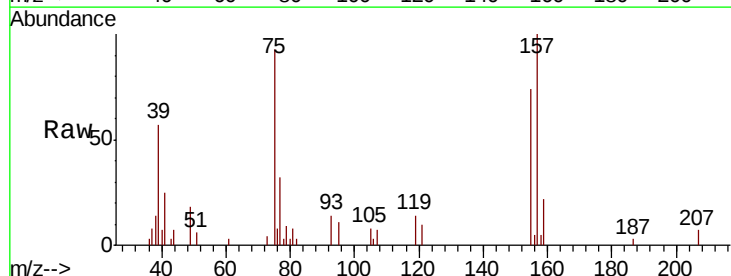
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

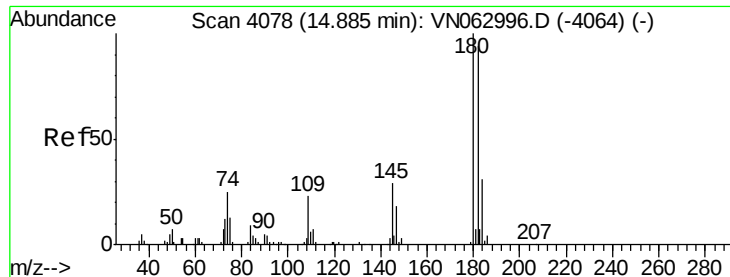
Tot Ion:146 Resp: 79700
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.774 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion: 75 Resp: 9691
 Ion Ratio Lower Upper
 75 100
 155 82.7 42.4 127.1
 157 110.0 55.2 165.6

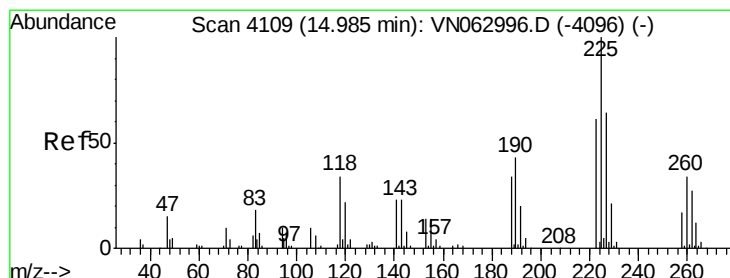
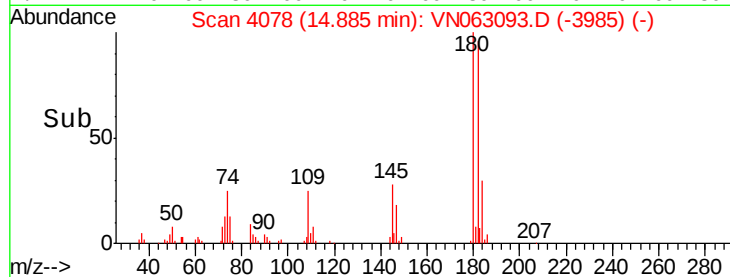
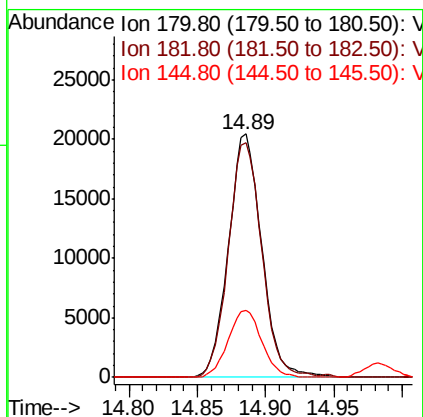
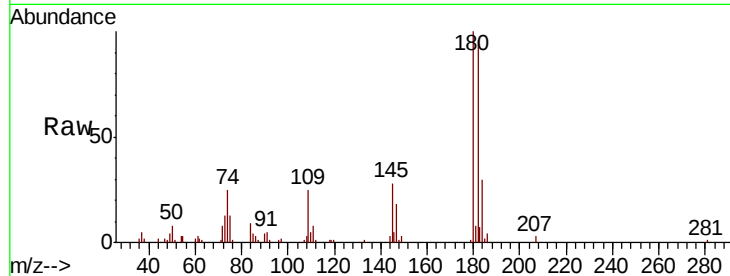




#93
 1,2,4-Trichlorobenzene
 Concen: 19.257 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

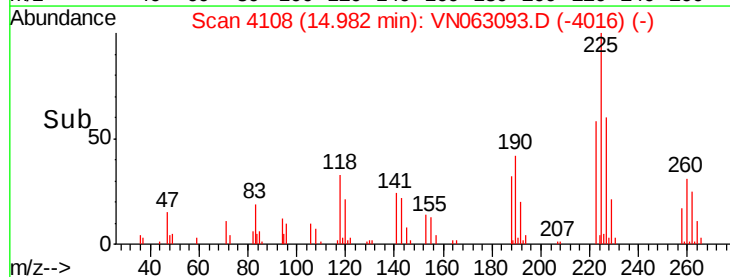
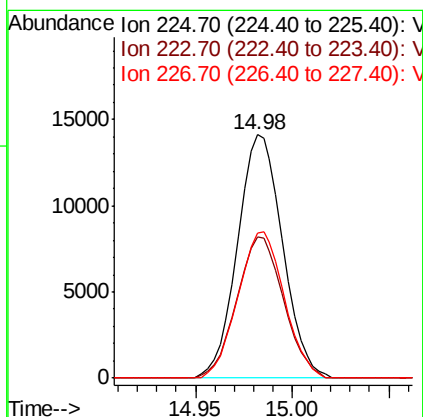
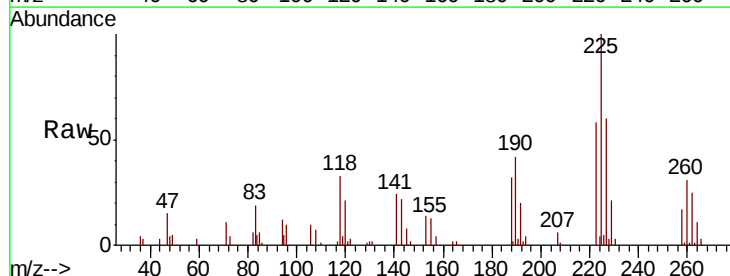
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

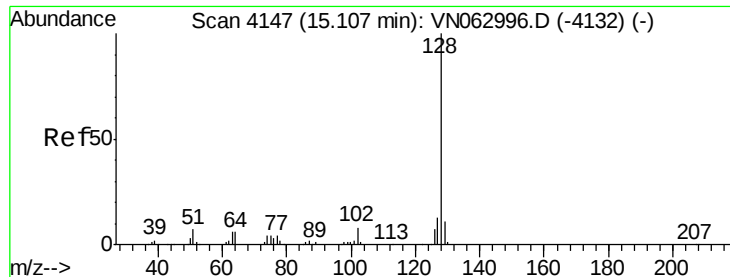
Tot Ion:180 Resp: 34605
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.0 141.2
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 16.001 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063093.D
 Acq: 24 Aug 2020 14:15

Tgt Ion:225 Resp: 22809
 Ion Ratio Lower Upper
 225 100
 223 60.3 30.9 92.5
 227 61.8 31.9 95.9

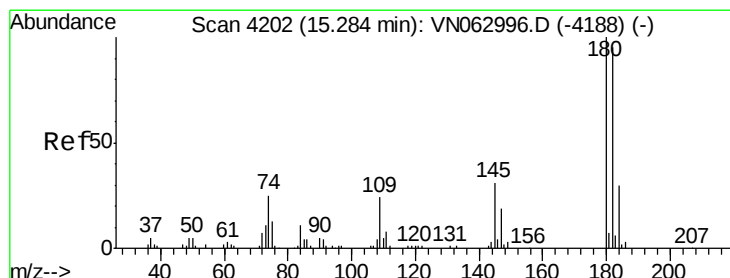
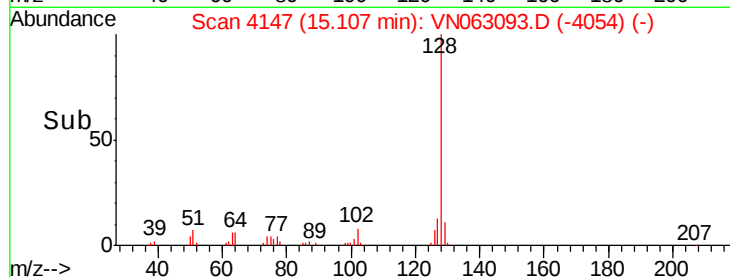
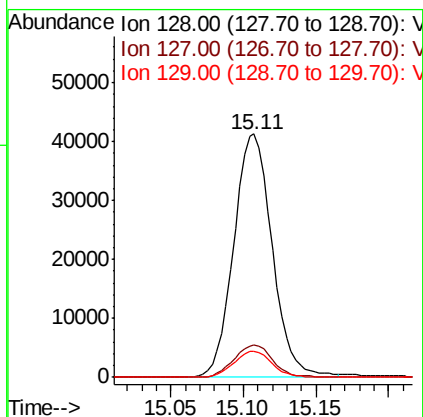
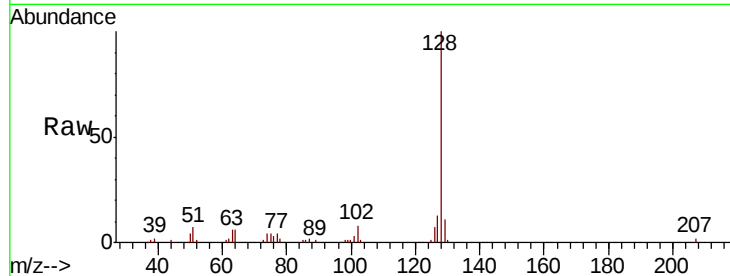




#95
Naphthalene
Concen: 19.377 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBSD01

Tot Ion:128 Resp: 76214
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.001 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063093.D
Acq: 24 Aug 2020 14:15

Tgt Ion:180 Resp: 31955
Ion Ratio Lower Upper
180 100
182 97.9 47.3 141.9
145 30.6 15.6 46.7

