

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062184.D
 Acq On : 29 Jun 2020 13:32
 Operator : JC/MD
 Sample : VN0629WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Quant Time: Jun 30 04:24:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	243633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	171560	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.54	113	138185	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.06	98	546880	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.38	95	181678	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50213	18.234	ug/l	97
3) Chloromethane	2.03	50	63932	18.887	ug/l	100
4) Vinyl Chloride	2.16	62	75413	17.389	ug/l	98
5) Bromomethane	2.53	94	51880	18.510	ug/l	99
6) Chloroethane	2.67	64	52283	17.648	ug/l	100
7) Trichlorofluoromethane	2.98	101	94196	17.627	ug/l	100
8) Diethyl Ether	3.37	74	36473	19.546	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54242	19.384	ug/l	99
10) Methyl Iodide	3.90	142	63287	20.081	ug/l	100
11) Tert butyl alcohol	4.73	59	48766	99.342	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	54719	19.560	ug/l	98
13) Acrolein	3.56	56	37961	78.985	ug/l	95
14) Allyl chloride	4.27	41	77197	20.268	ug/l	98
15) Acrylonitrile	4.93	53	134869	100.822	ug/l	99
16) Acetone	3.77	43	119393	108.967	ug/l	100
17) Carbon Disulfide	4.01	76	147761	18.472	ug/l	99
18) Methyl Acetate	4.28	43	56101	20.641	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	178769	19.998	ug/l	100
20) Methylene Chloride	4.50	84	64409	20.393	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	58460	18.344	ug/l	92
22) Diisopropyl ether	5.90	45	173428	19.998	ug/l	96
23) Vinyl Acetate	5.84	43	717153	101.288	ug/l	97
24) 1,1-Dichloroethane	5.80	63	108584	19.444	ug/l	98
25) 2-Butanone	6.79	43	173290	103.695	ug/l	96
26) 2,2-Dichloropropane	6.78	77	90958	19.546	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	69246	19.310	ug/l	98
28) Bromochloromethane	7.15	49	45276	18.686	ug/l	98
29) Tetrahydrofuran	7.17	42	110489	100.932	ug/l	99
30) Chloroform	7.33	83	108439	19.086	ug/l	97
31) Cyclohexane	7.61	56	91675	19.408	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	91114	19.016	ug/l	99
36) 1,1-Dichloropropene	7.75	75	81998	18.903	ug/l	99
37) Ethyl Acetate	6.88	43	75005	20.882	ug/l	97
38) Carbon Tetrachloride	7.73	117	74937	18.324	ug/l	98

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Quant Time: Jun 30 04:24:23 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	95898	20.177	ug/l	98
40) Benzene	8.00	78	249743	18.889	ug/l	98
41) Methacrylonitrile	7.16	41	101579	61.000	ug/l #	26
42) 1,2-Dichloroethane	8.08	62	86425	19.347	ug/l	100
43) Isopropyl Acetate	8.12	43	118595	20.254	ug/l	99
44) Trichloroethene	8.80	130	62999	18.890	ug/l	99
45) 1,2-Dichloropropane	9.08	63	65324	20.027	ug/l	99
46) Dibromomethane	9.17	93	41663	18.839	ug/l	99
47) Bromodichloromethane	9.37	83	86335	19.335	ug/l	99
48) Methyl methacrylate	9.17	41	50699	19.311	ug/l	98
49) 1,4-Dioxane	9.17	88	22383	384.447	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	355145	103.812	ug/l	100
52) Toluene	10.12	92	157784	19.559	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	92709	18.871	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	103941	19.873	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	62925	19.843	ug/l	98
56) Ethyl methacrylate	10.40	69	83696	19.777	ug/l	97
57) 1,3-Dichloropropane	10.68	76	107065	19.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	159671	99.014	ug/l	98
59) 2-Hexanone	10.72	43	252470	102.201	ug/l	99
60) Dibromochloromethane	10.87	129	63059	18.783	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62003	19.029	ug/l	99
64) Tetrachloroethene	10.60	164	48570	17.861	ug/l	98
65) Chlorobenzene	11.41	112	166552	19.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	57650	19.071	ug/l	99
67) Ethyl Benzene	11.48	91	289600	19.615	ug/l	100
68) m/p-Xylenes	11.59	106	221293	38.752	ug/l	98
69) o-Xylene	11.92	106	104929	19.475	ug/l	98
70) Styrene	11.94	104	173561	19.315	ug/l	99
71) Bromoform	12.10	173	40021	18.621	ug/l #	98
73) Isopropylbenzene	12.22	105	279145	19.966	ug/l	100
74) N-amyl acetate	12.05	43	94478	20.473	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	91090	19.578	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	112110	26.367	ug/l #	100
77) Bromobenzene	12.50	156	64984	18.721	ug/l	95
78) n-propylbenzene	12.57	91	322068	20.139	ug/l	99
79) 2-Chlorotoluene	12.65	91	188554	19.502	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	228530	20.163	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28525	19.592	ug/l	97
82) 4-Chlorotoluene	12.75	91	193759	19.380	ug/l	99
83) tert-Butylbenzene	12.97	119	195503	20.156	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	228304	20.169	ug/l	100
85) sec-Butylbenzene	13.15	105	269958	21.063	ug/l	98
86) p-Isopropyltoluene	13.26	119	234265	20.862	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	115326	18.921	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	116058	18.472	ug/l	99
89) n-Butylbenzene	13.59	91	188646	20.207	ug/l	99
90) Hexachloroethane	13.85	117	43402	19.700	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	113155	19.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14358	19.264	ug/l	97

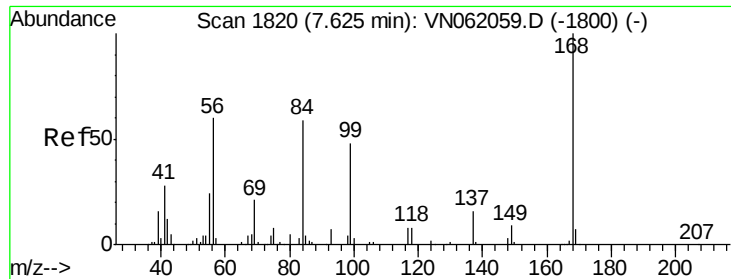
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	50123	19.412	ug/l	97
94) Hexachlorobutadiene	14.98	225	24109	21.498	ug/l	100
95) Naphthalene	15.10	128	137945	18.738	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	49652	18.806	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

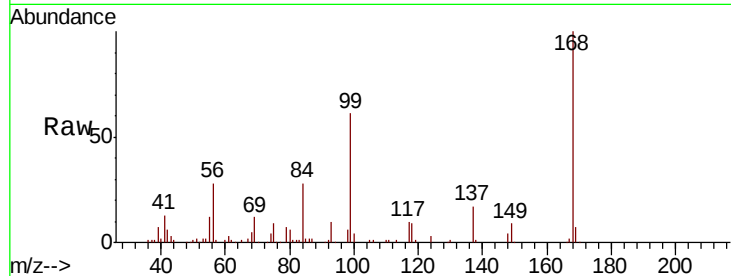
VN0629WBS01

Tot Ion:168 Resp: 243633

Ion Ratio Lower Upper

168 100

99 60.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062059.D (-1800) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1800) (-)

7.62

100000

80000

60000

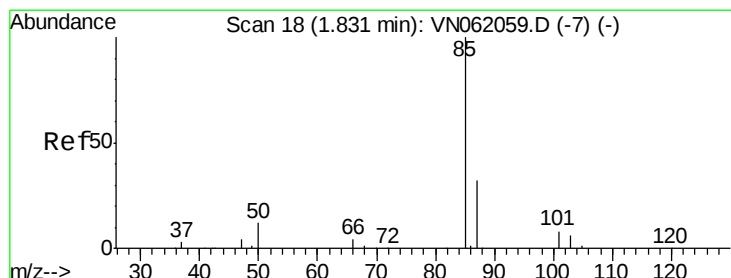
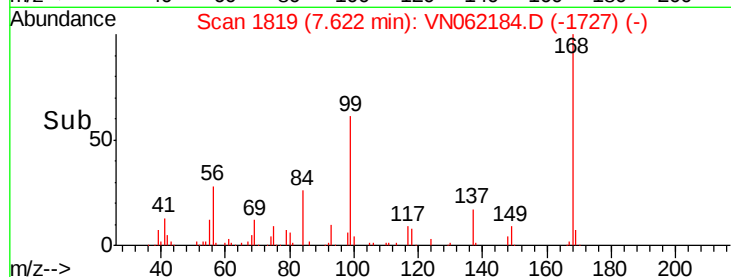
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.234 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062184.D

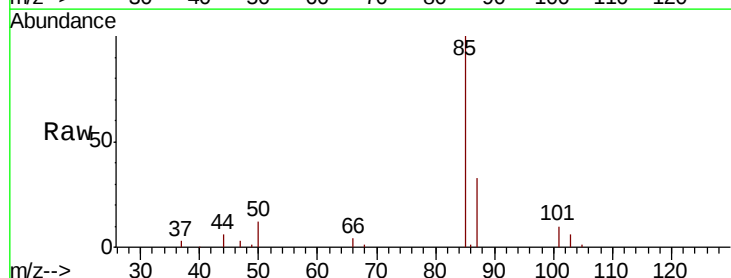
Acq: 29 Jun 2020 13:32

Tgt Ion: 85 Resp: 50213

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN062059.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VN062059.D (-7) (-)

1.83

40000

30000

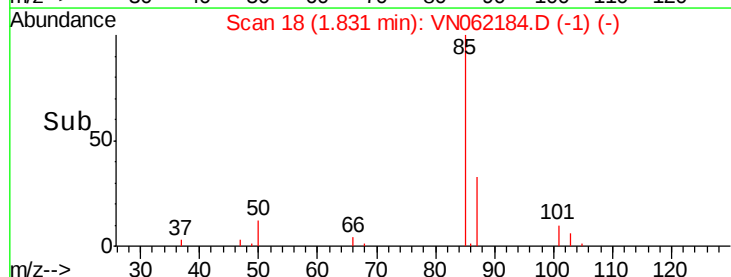
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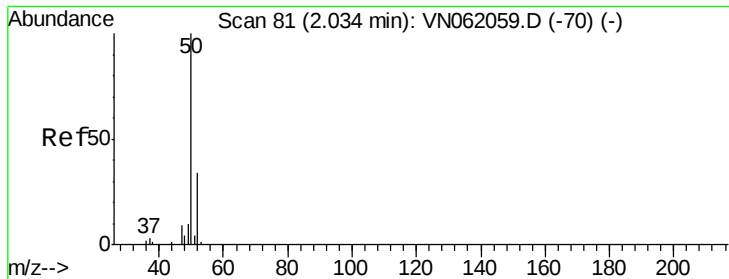
10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.887 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

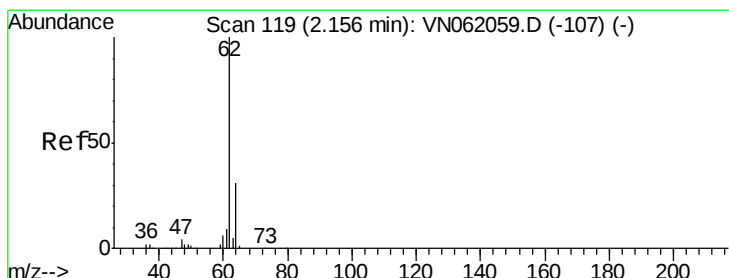
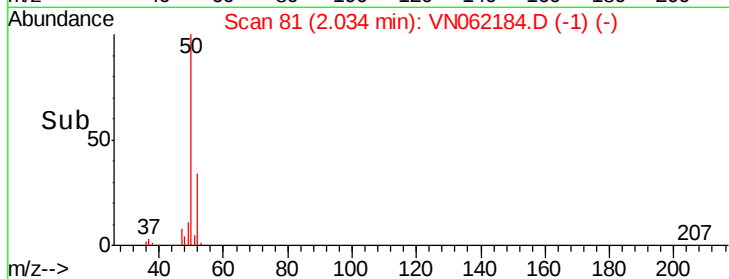
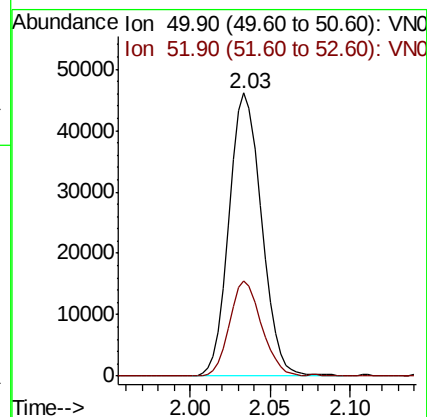
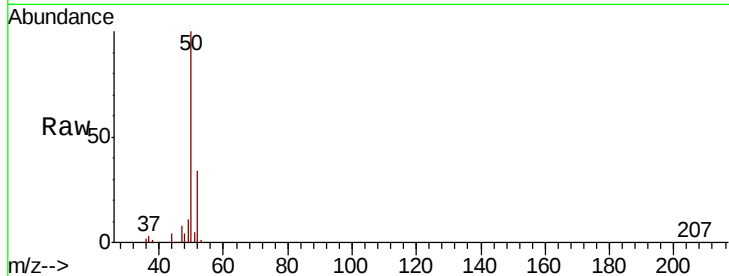
VN0629WBS01

Tot Ion: 50 Resp: 63932

Ion Ratio Lower Upper

50 100

52 33.9 27.0 40.6



#4

Vinyl Chloride

Concen: 17.389 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062184.D

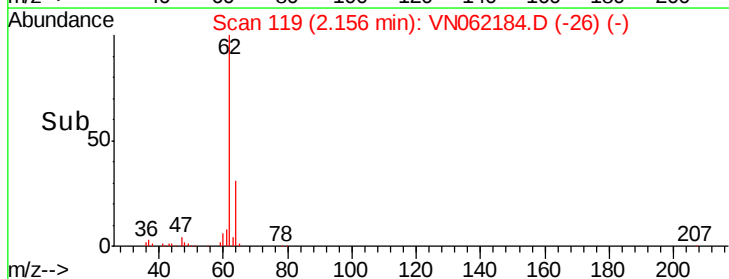
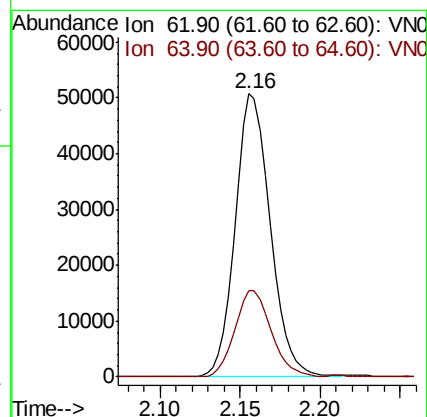
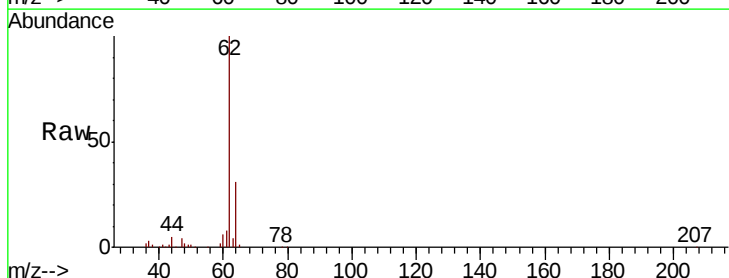
Acq: 29 Jun 2020 13:32

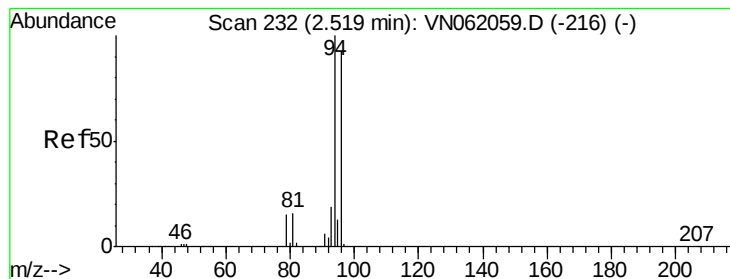
Tgt Ion: 62 Resp: 75413

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 18.510 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

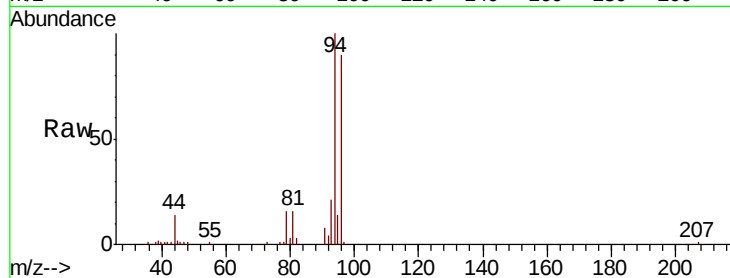
VN0629WBS01

Tot Ion: 94 Resp: 51880

Ion Ratio Lower Upper

94 100

96 90.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

25000

20000

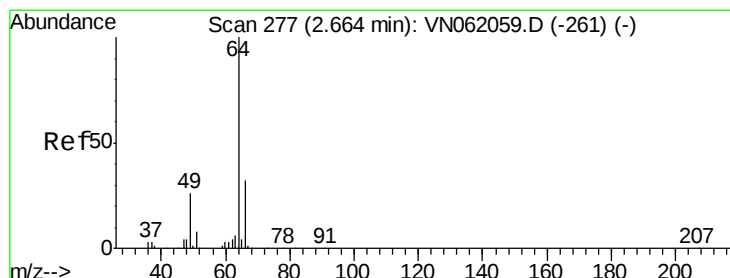
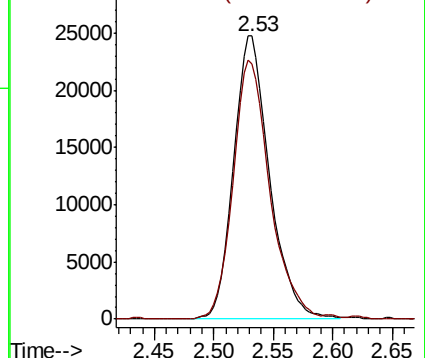
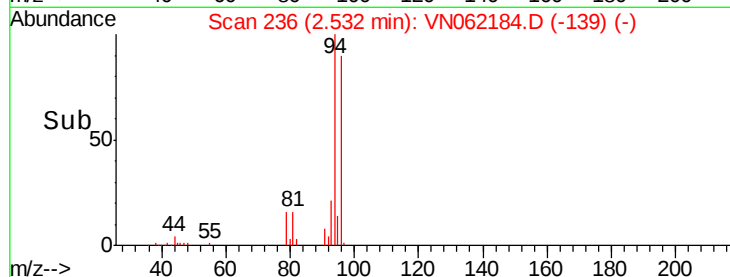
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.648 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062184.D

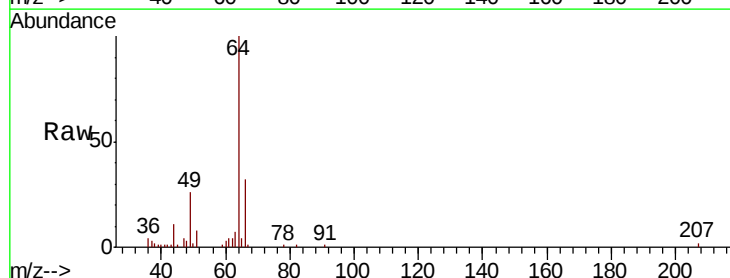
Acq: 29 Jun 2020 13:32

Tgt Ion: 64 Resp: 52283

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

30000

25000

20000

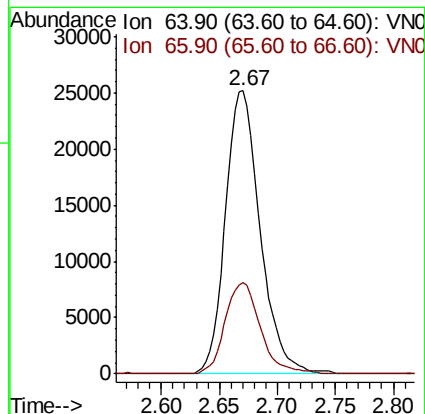
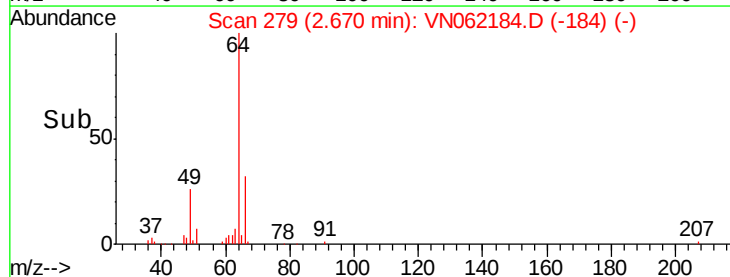
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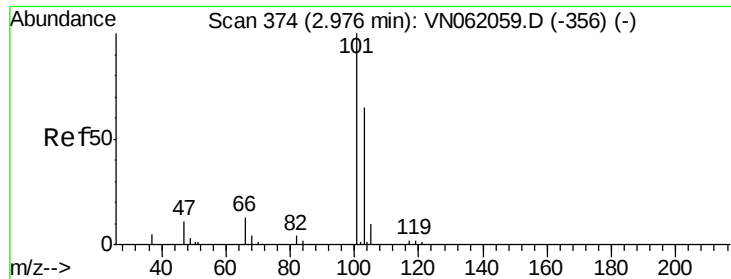
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5000

0

Time-->



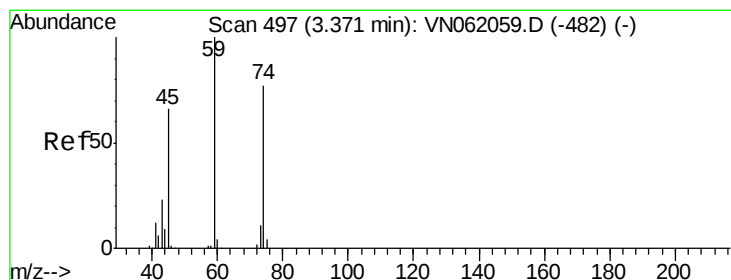
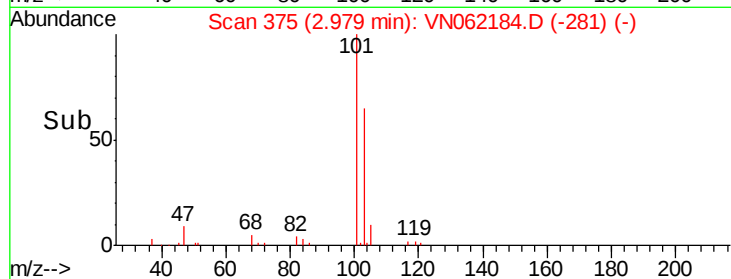
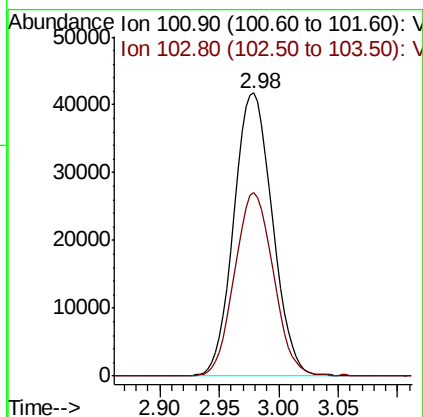
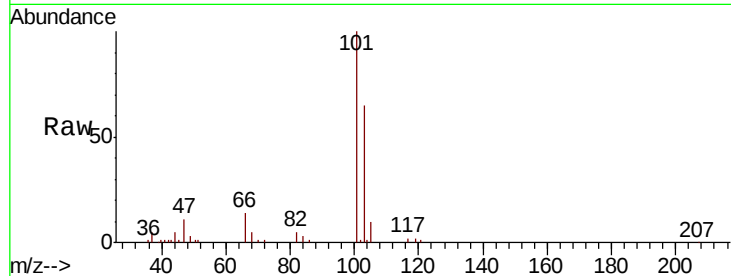


#7

Trichlorofluoromethane
Concen: 17.627 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
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VN0629WBS01

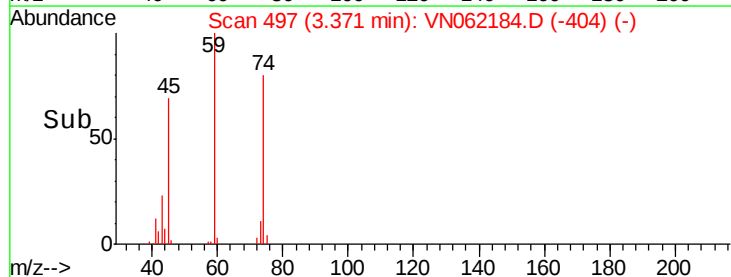
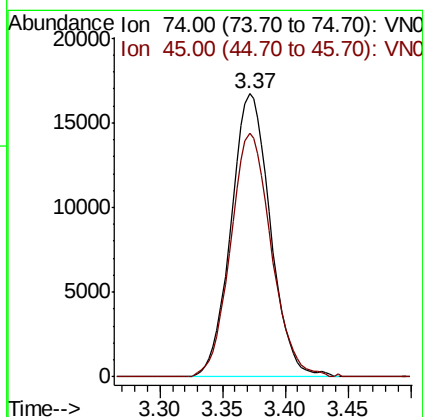
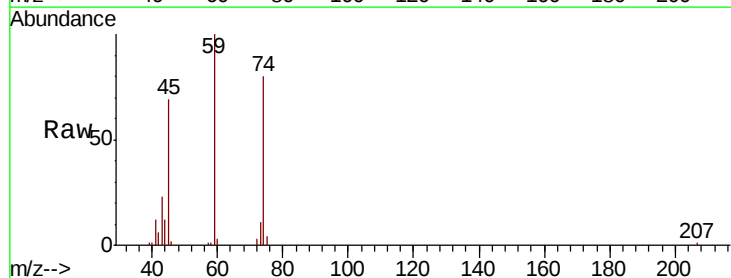
Tot Ion:101 Resp: 94196
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

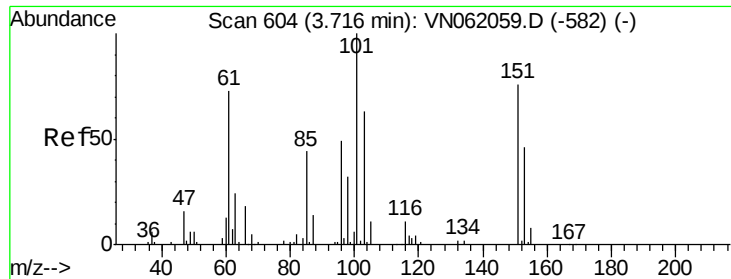


#8

Diethyl Ether
Concen: 19.546 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 74 Resp: 36473
Ion Ratio Lower Upper
74 100
45 88.8 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.384 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

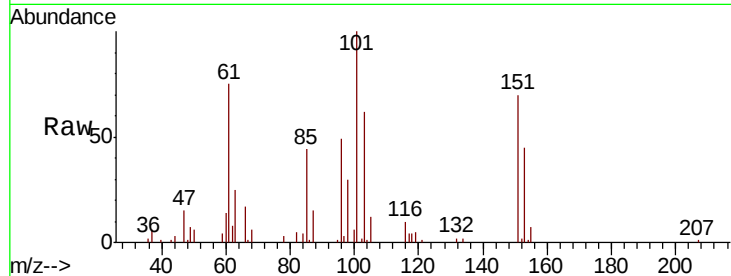
Tot Ion:101 Resp: 54242

Ion Ratio Lower Upper

101 100

85 44.3 34.5 51.7

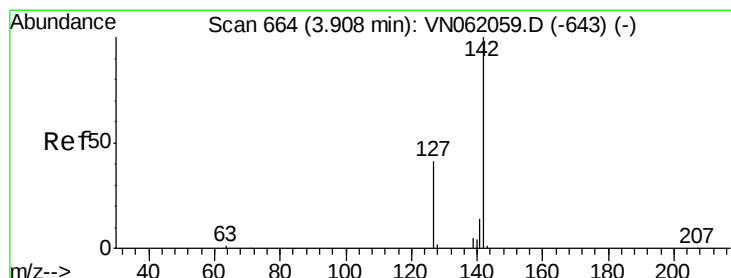
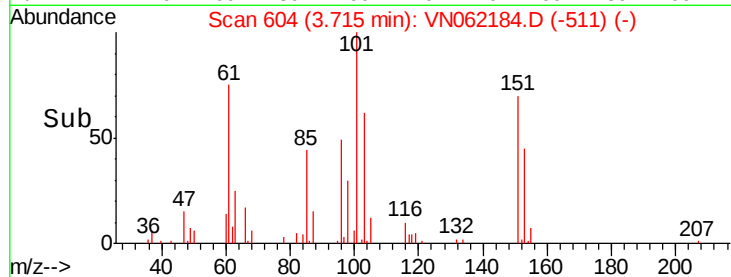
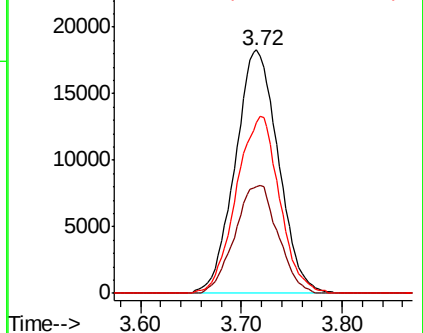
151 72.9 57.8 86.8



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: 20.081 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

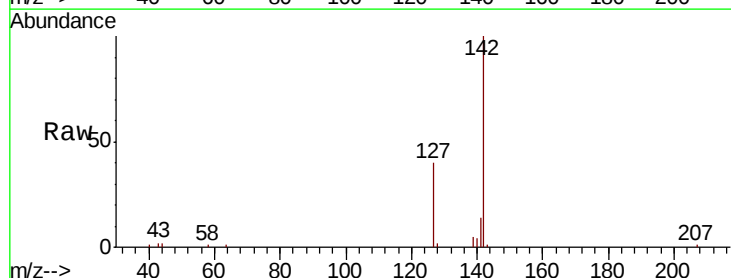
Tgt Ion:142 Resp: 63287

Ion Ratio Lower Upper

142 100

127 42.2 33.6 50.4

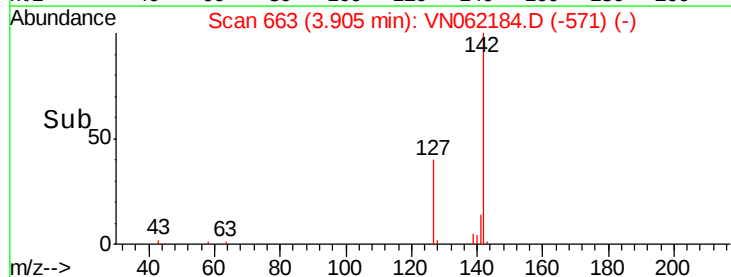
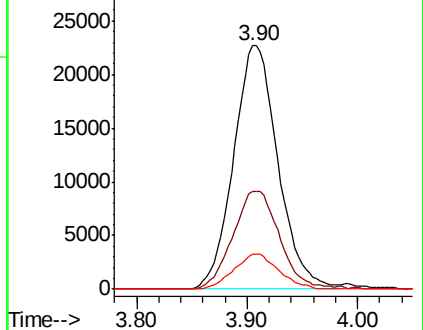
141 14.4 11.3 16.9



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



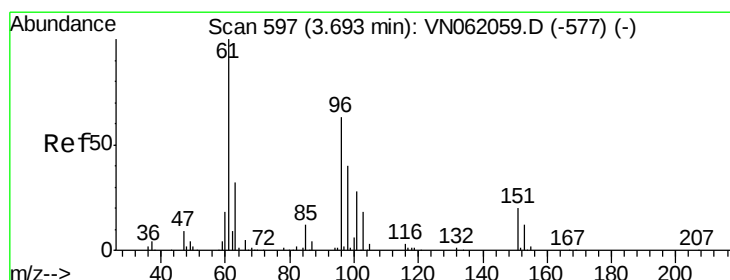
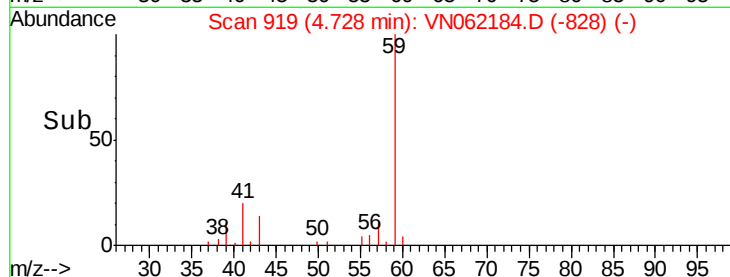
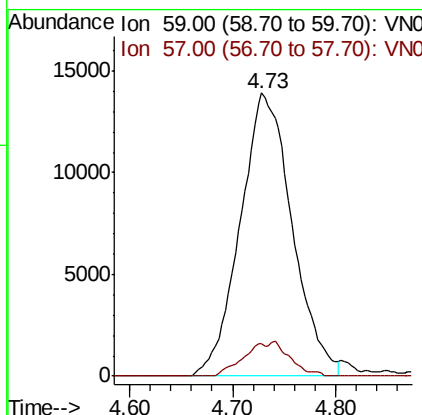
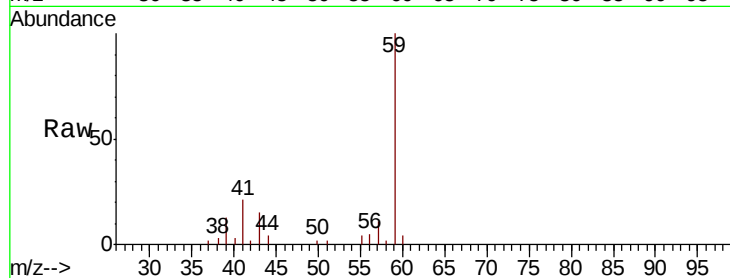


#11

Tert butyl alcohol
 Concen: 99.342 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

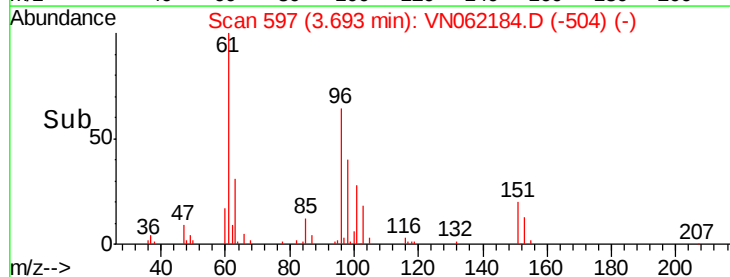
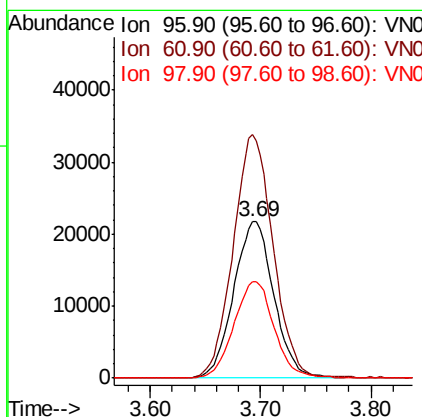
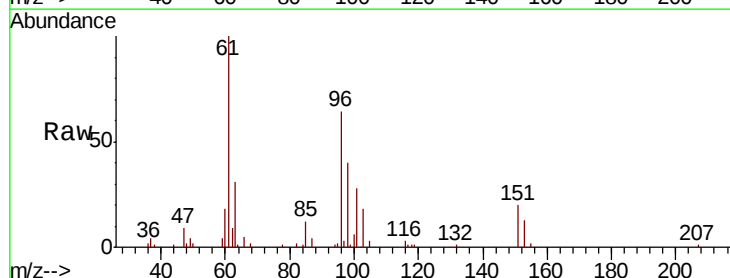
Tot Ion: 59 Resp: 48766
 Ion Ratio Lower Upper
 59 100
 57 5.9 8.3 12.5#

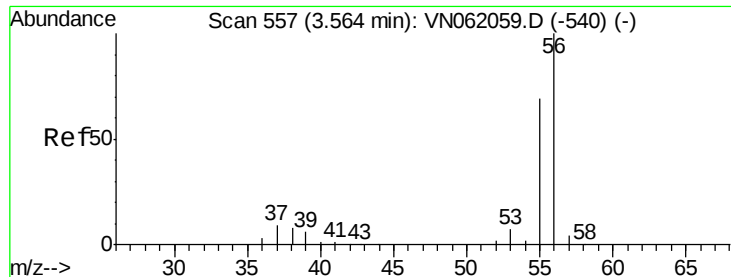


#12

1,1-Dichloroethene
 Concen: 19.560 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion: 96 Resp: 54719
 Ion Ratio Lower Upper
 96 100
 61 155.7 126.7 190.1
 98 61.7 51.0 76.4





#13

Acrolein

Concen: 78.985 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

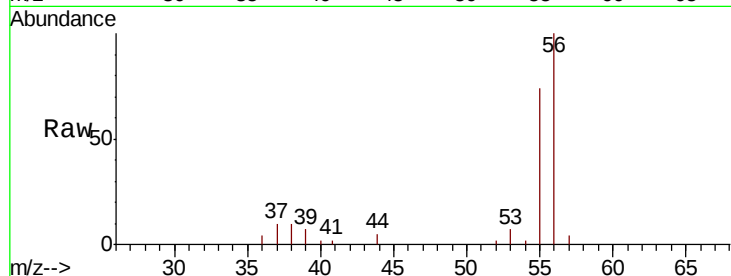
VN0629WBS01

Tot Ion: 56 Resp: 37961

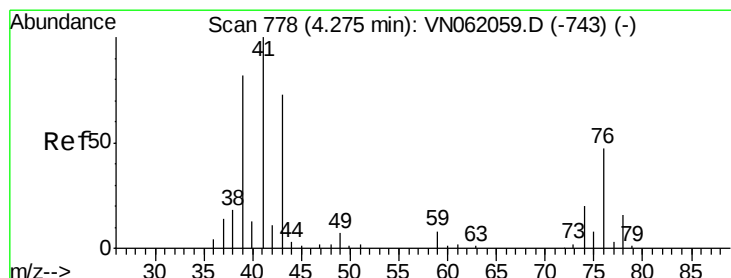
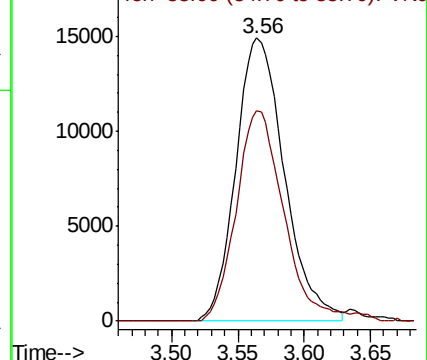
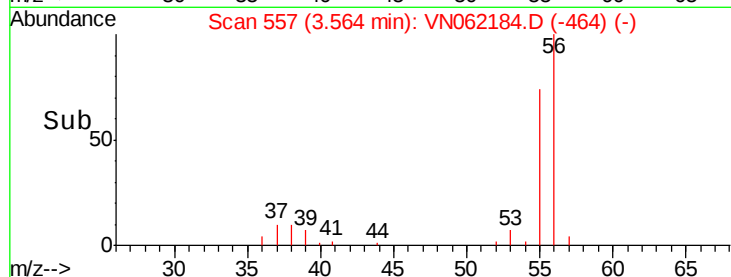
Ion Ratio Lower Upper

56 100

55 73.4 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062184.D (-464) (-)



#14

Allyl chloride

Concen: 20.268 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

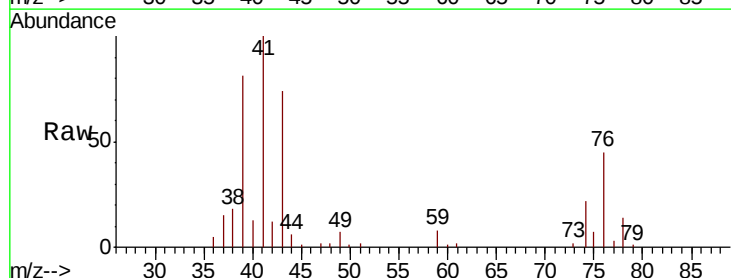
Tgt Ion: 41 Resp: 77197

Ion Ratio Lower Upper

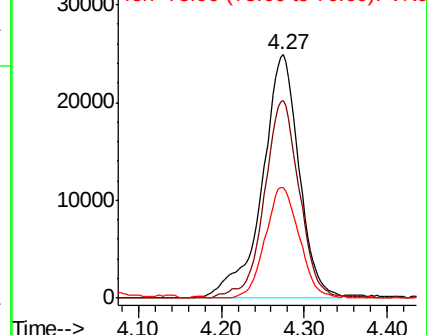
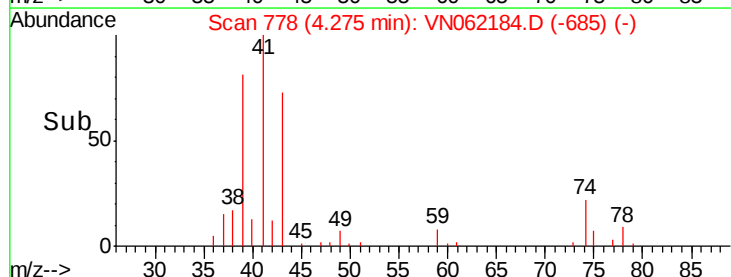
41 100

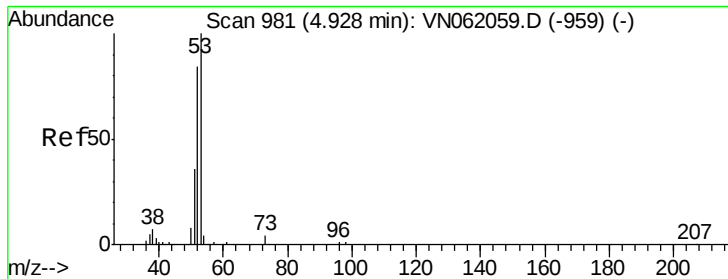
39 76.8 60.0 90.0

76 41.8 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062184.D (-685) (-)





#15

Acrylonitrile

Concen: 100.822 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS01

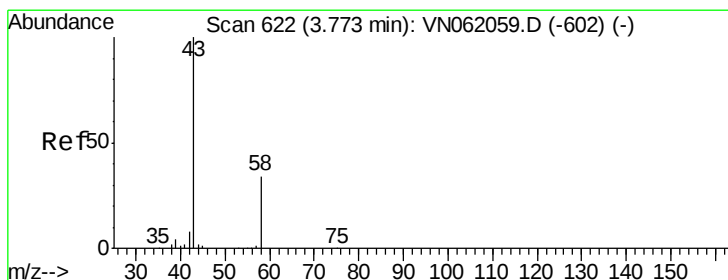
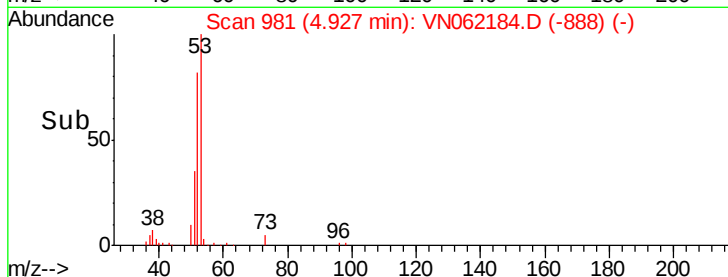
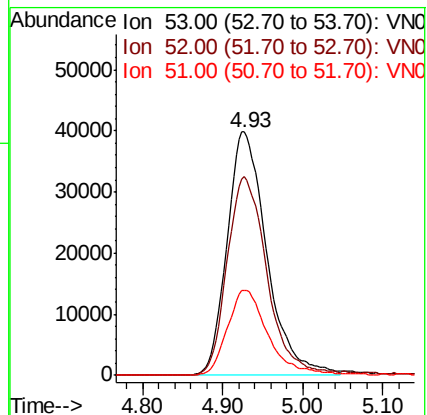
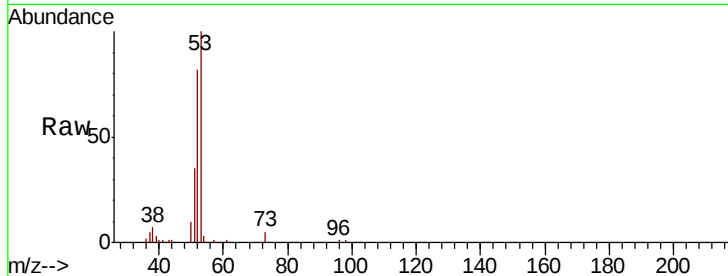
Tot Ion: 53 Resp: 134869

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.4

51 35.8 28.9 43.3



#16

Acetone

Concen: 108.967 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062184.D

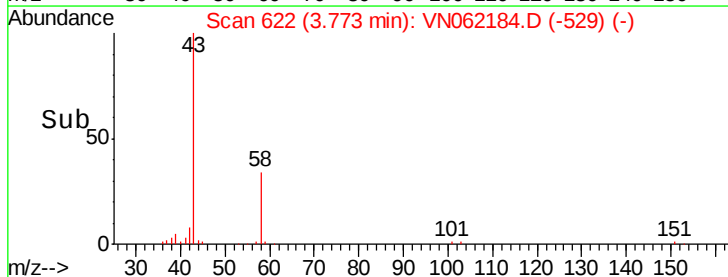
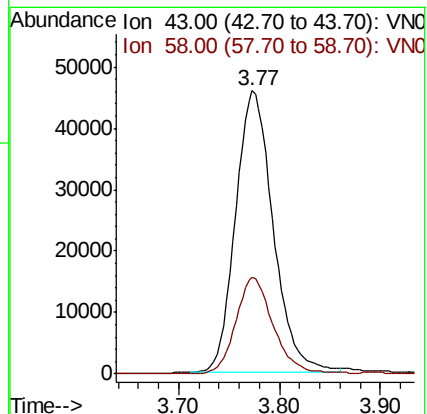
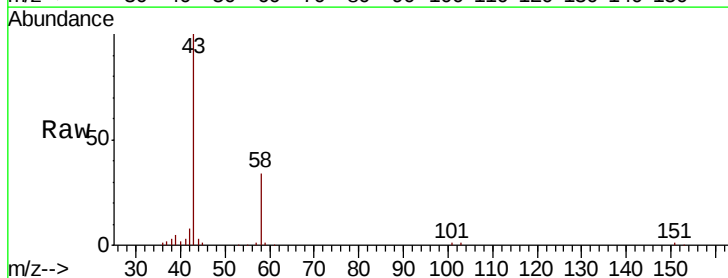
Acq: 29 Jun 2020 13:32

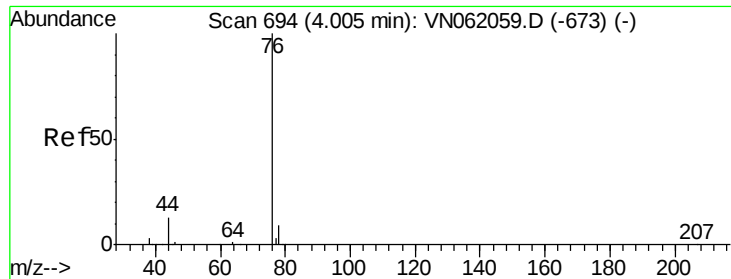
Tgt Ion: 43 Resp: 119393

Ion Ratio Lower Upper

43 100

58 34.4 27.5 41.3

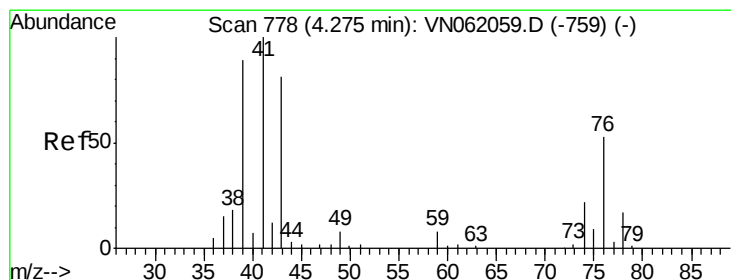
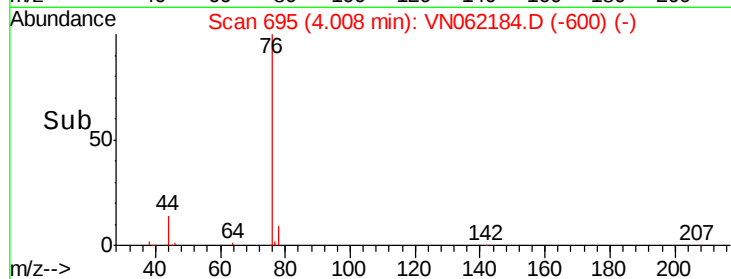
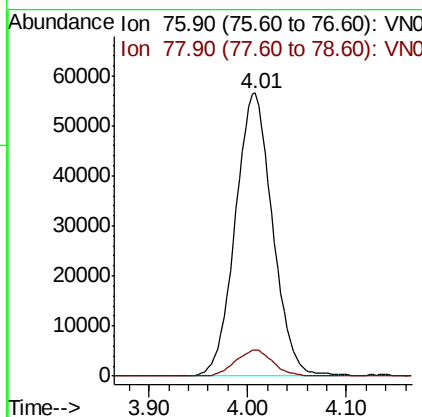
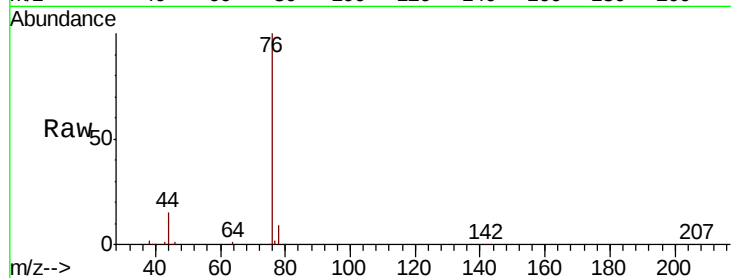




#17
Carbon Disulfide
Concen: 18.472 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

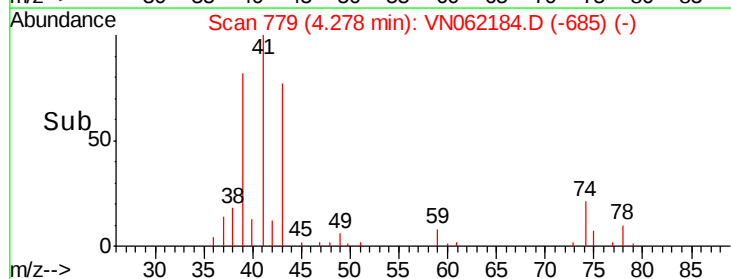
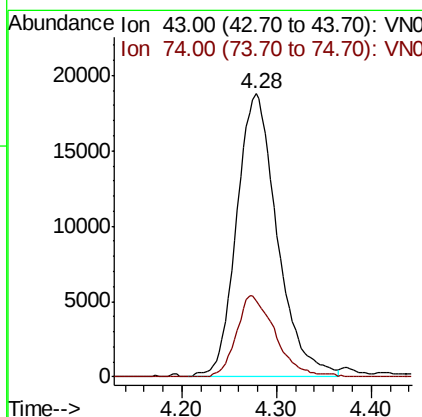
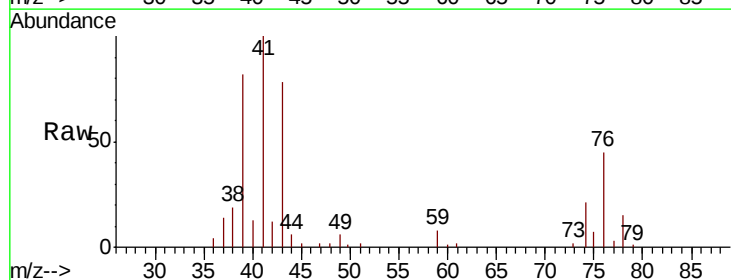
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion: 76 Resp: 147761
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.641 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 43 Resp: 56101
Ion Ratio Lower Upper
43 100
74 27.0 22.9 34.3

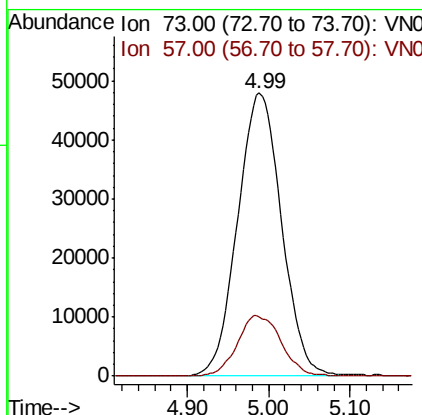
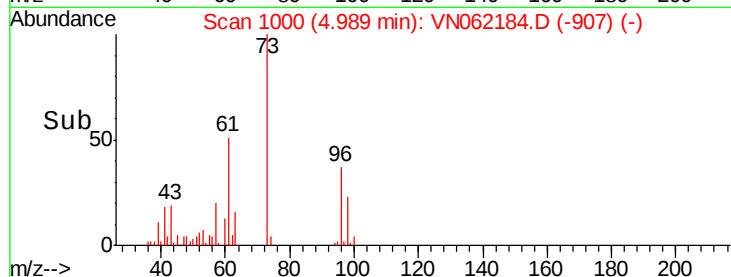
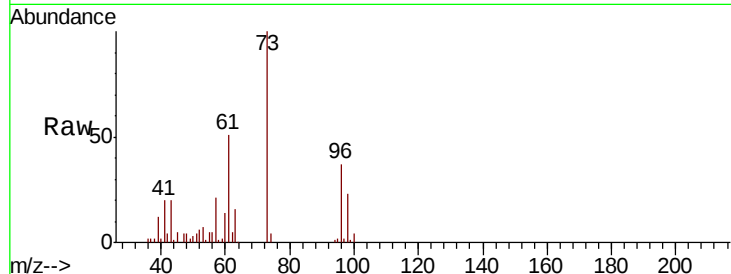




#19
Methvl tert-butvl Ether
Concen: 19.998 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

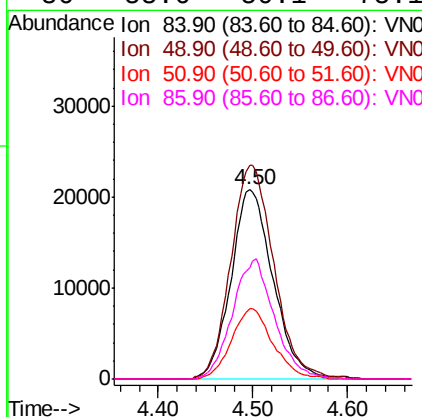
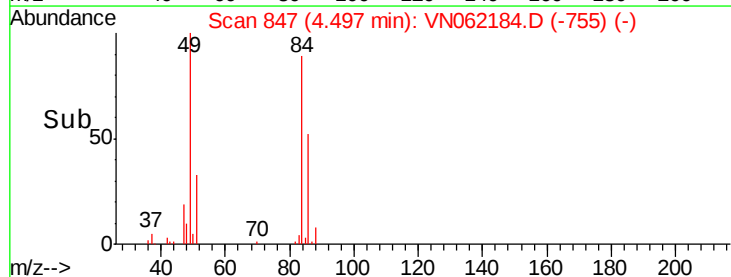
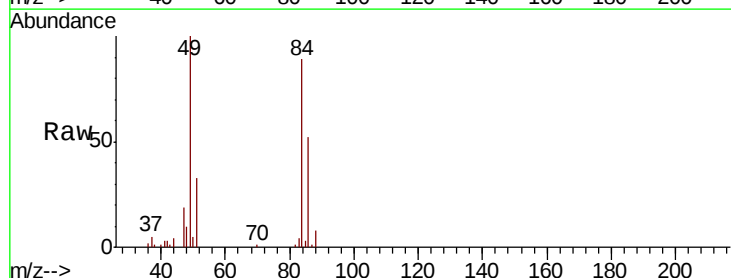
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion: 73 Resp: 178769
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8



#20
Methylene Chloride
Concen: 20.393 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 84 Resp: 64409
Ion Ratio Lower Upper
84 100
49 112.9 90.6 136.0
51 37.0 27.8 41.8
86 58.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.344 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

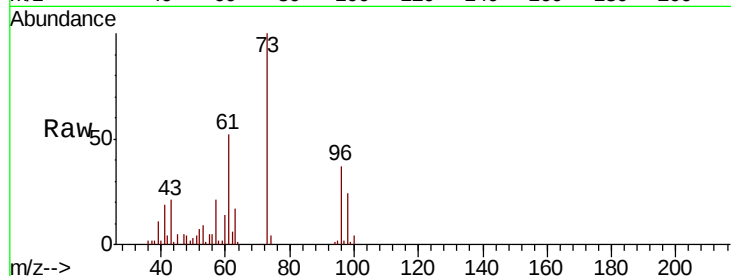
Tot Ion: 96 Resp: 58460

Ion Ratio Lower Upper

96 100

61 137.4 101.4 152.2

98 64.8 49.3 73.9

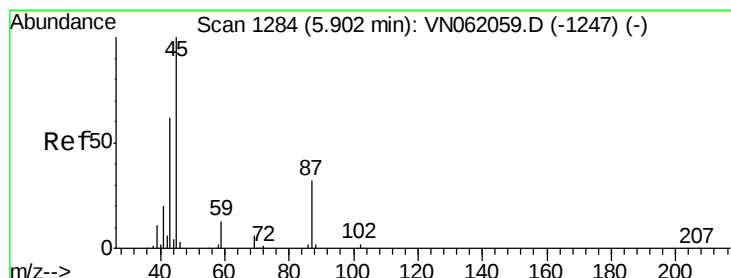
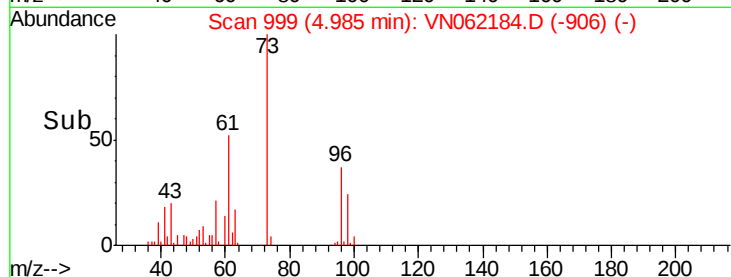
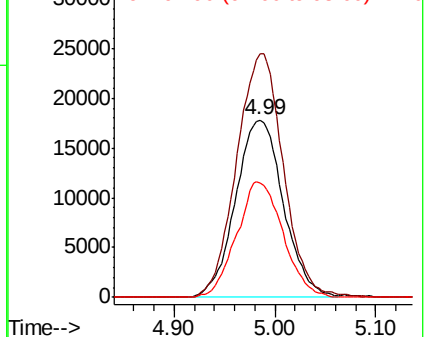


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.998 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion: 45 Resp: 173428

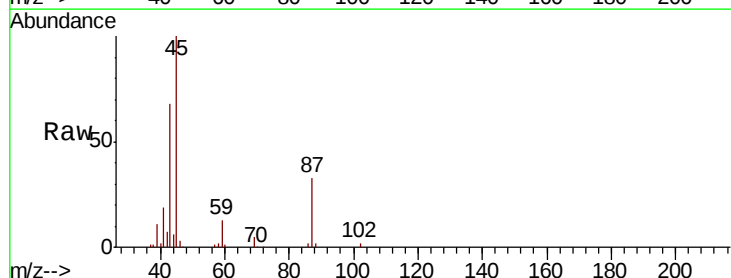
Ion Ratio Lower Upper

45 100

43 66.3 49.7 74.5

87 32.7 25.9 38.9

59 12.1 10.6 16.0



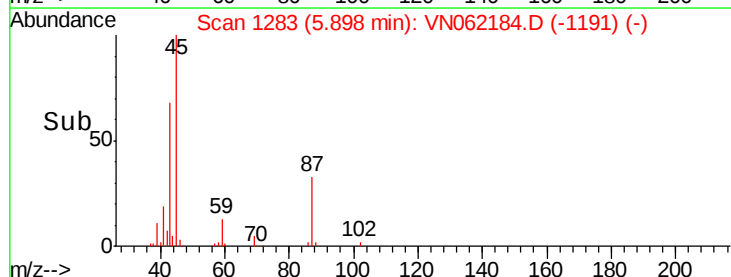
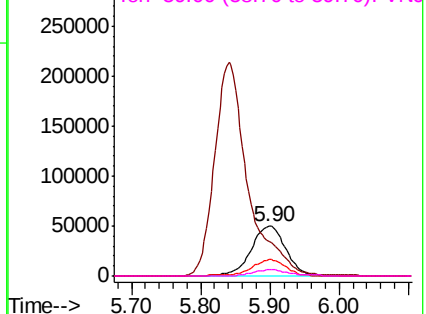
Abundance

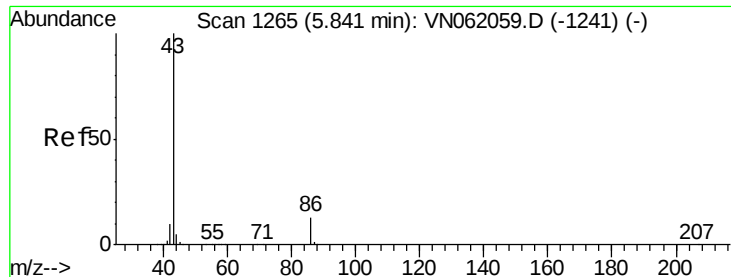
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 101.288 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

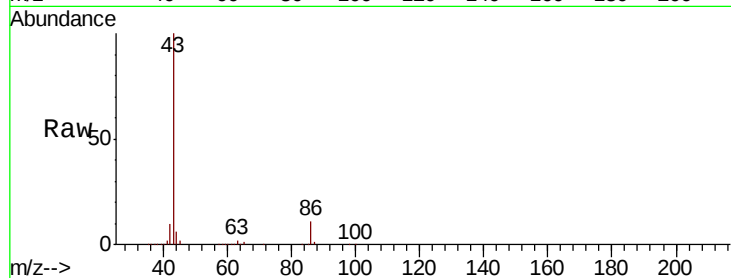
VN0629WBS01

Tot Ion: 43 Resp: 717153

Ion Ratio Lower Upper

43 100

86 11.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062184.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062184.D (-1172) (-)

250000

200000

150000

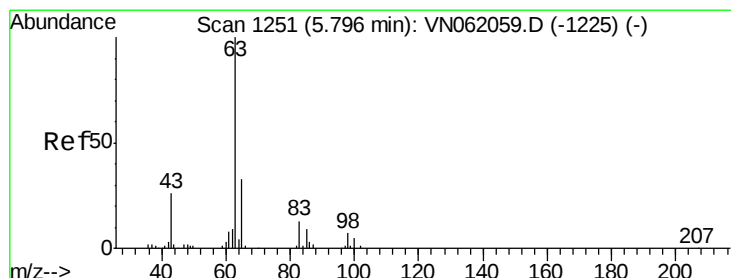
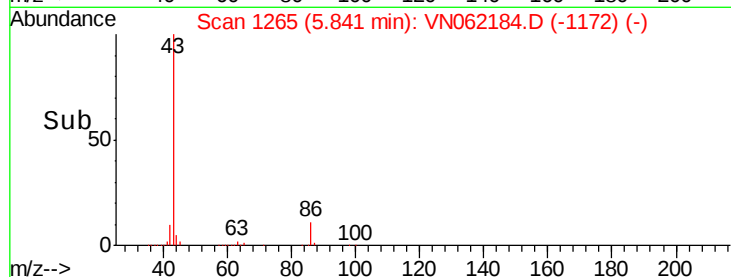
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.444 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

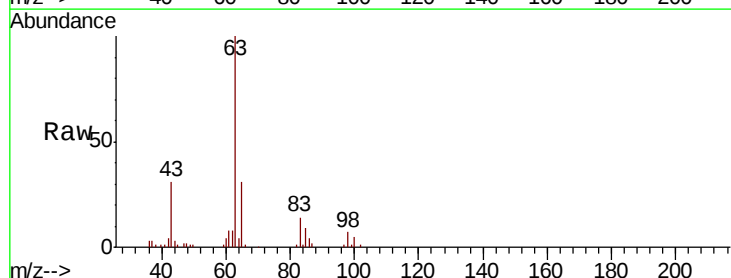
Tgt Ion: 63 Resp: 108584

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062184.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062184.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062184.D (-1158) (-)

40000

30000

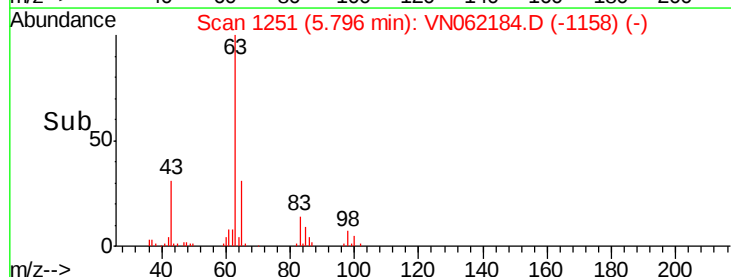
20000

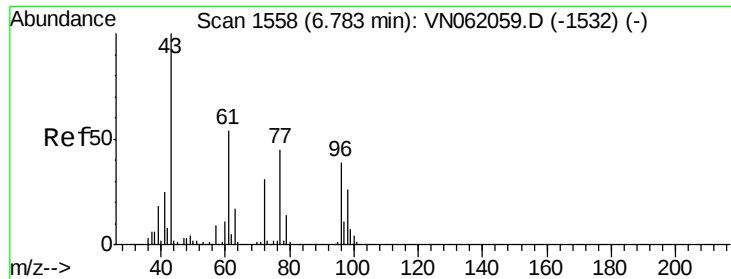
10000

0

5.70 5.80 5.90

Time-->

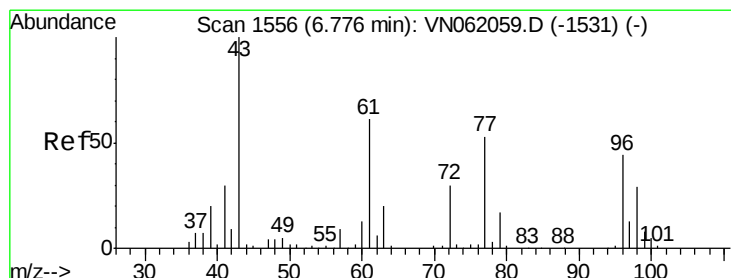
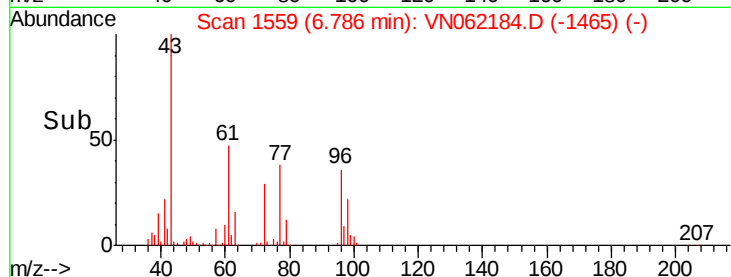
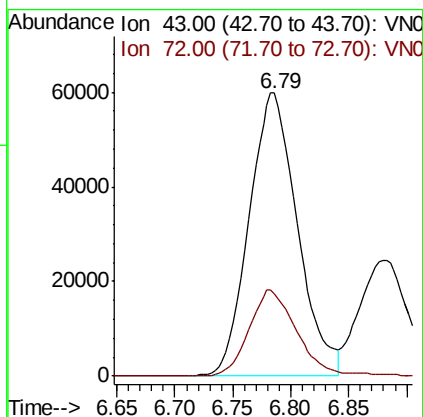
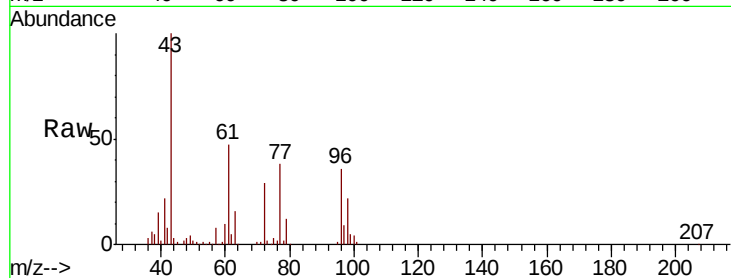




#25
2-Butanone
Concen: 103.695 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

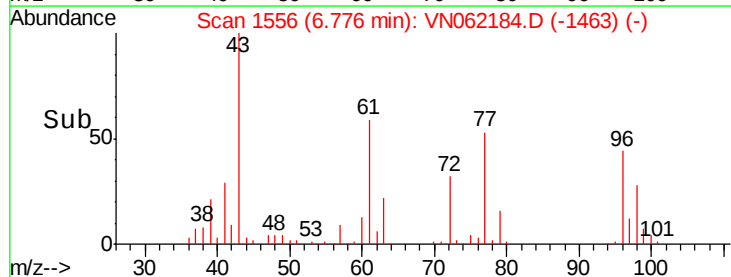
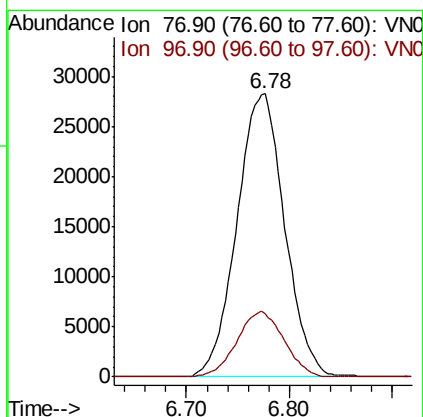
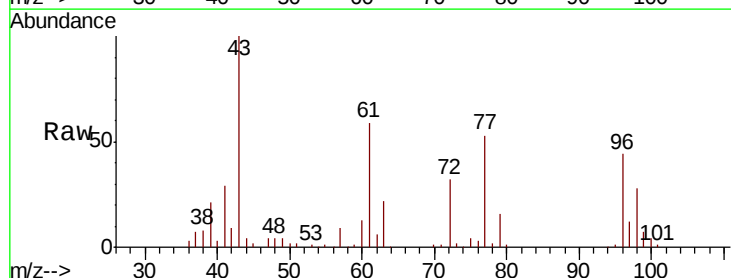
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

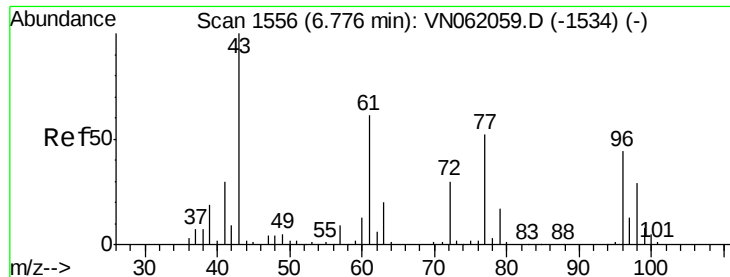
Tot Ion: 43 Resp: 173290
Ion Ratio Lower Upper
43 100
72 29.0 24.8 37.2



#26
2,2-Dichloropropane
Concen: 19.546 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 77 Resp: 90958
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.310 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

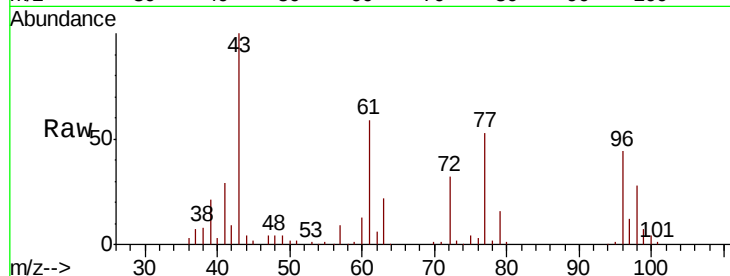
Tot Ion: 96 Resp: 69246

Ion Ratio Lower Upper

96 100

61 138.0 0.0 280.4

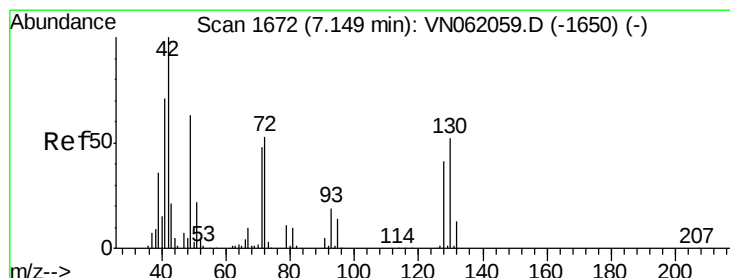
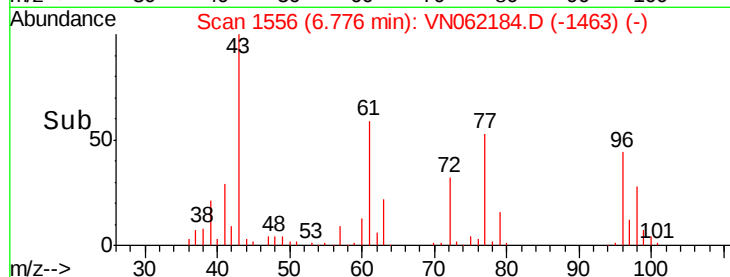
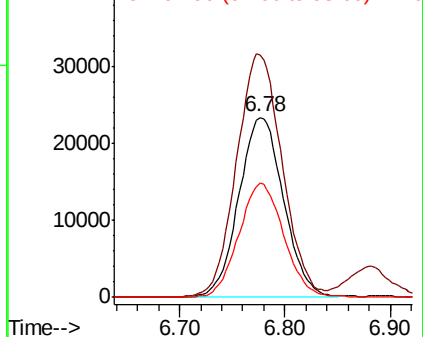
98 63.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 18.686 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

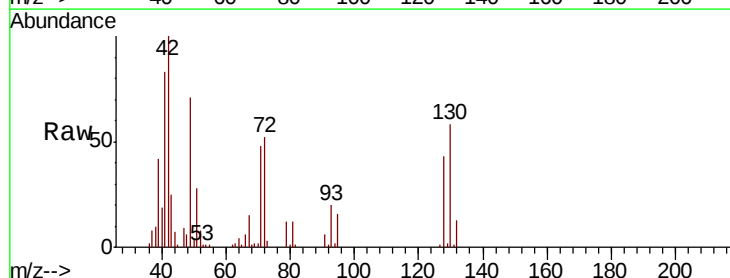
Tgt Ion: 49 Resp: 45276

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.4

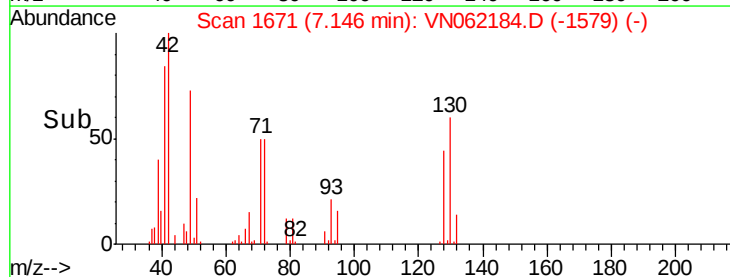
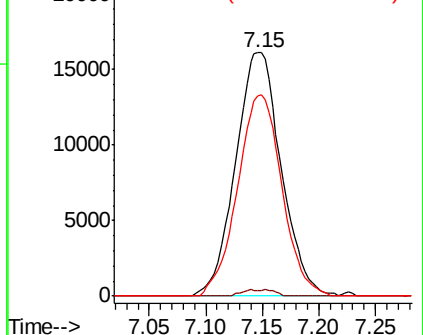
130 80.4 65.5 98.3

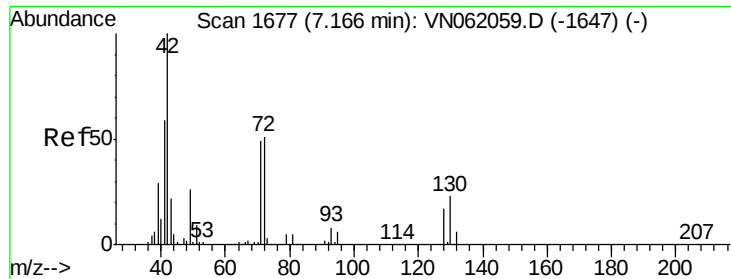


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

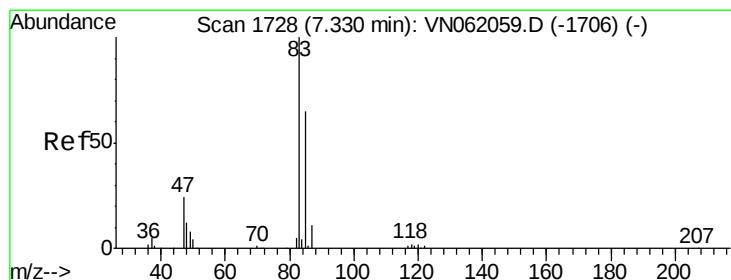
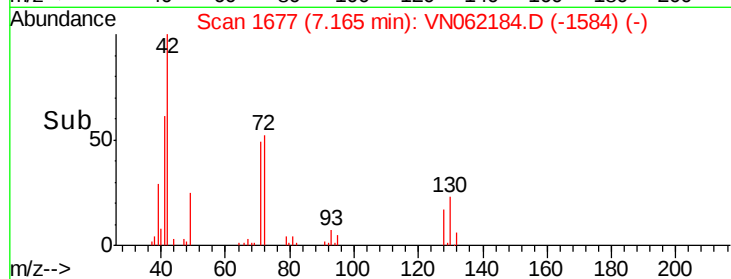
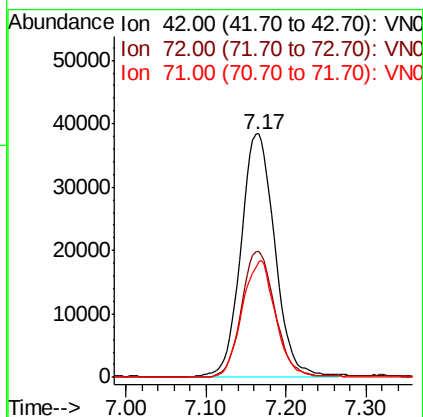
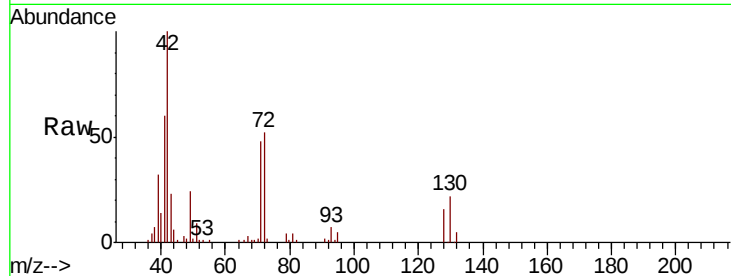




#29
Tetrahydrofuran
Concen: 100.932 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

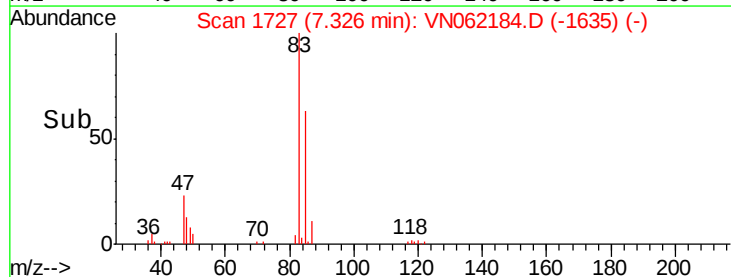
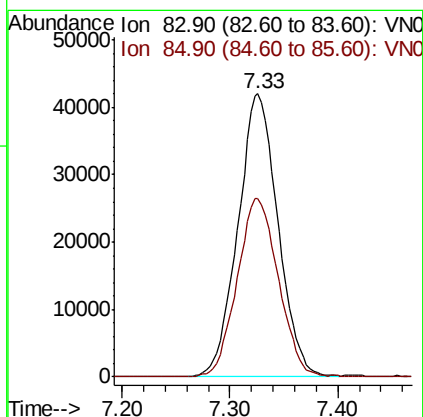
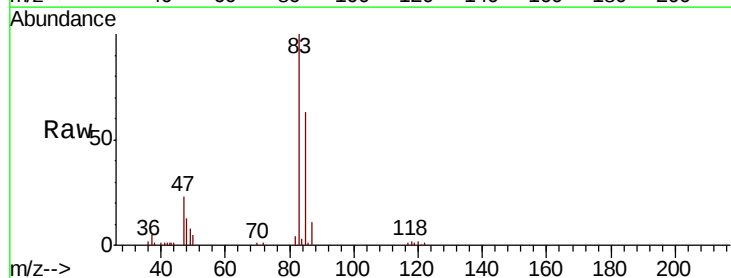
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

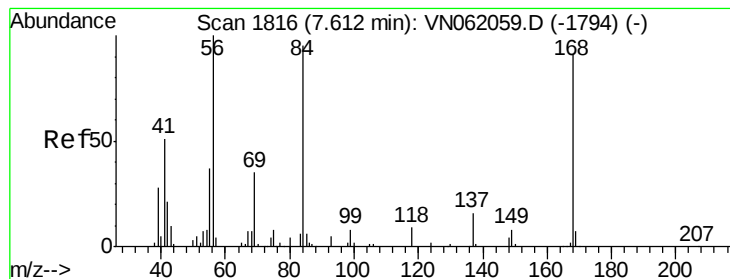
Tot Ion: 42 Resp: 110489
Ion Ratio Lower Upper
42 100
72 51.3 41.1 61.7
71 46.9 38.2 57.4



#30
Chloroform
Concen: 19.086 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 83 Resp: 108439
Ion Ratio Lower Upper
83 100
85 63.0 52.3 78.5





#31

Cyclohexane

Concen: 19.408 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

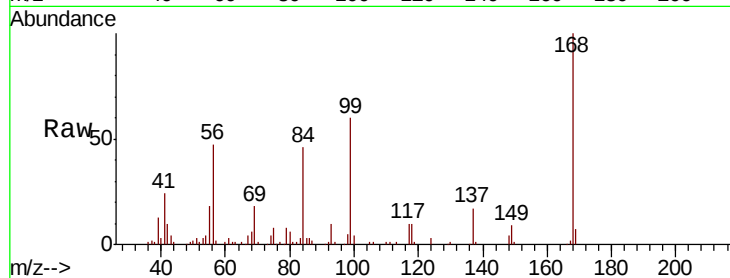
Tot Ion: 56 Resp: 91675

Ion Ratio Lower Upper

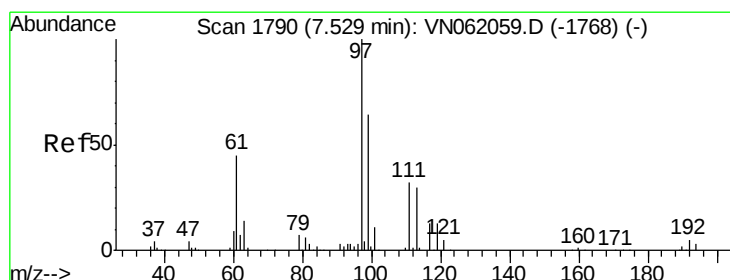
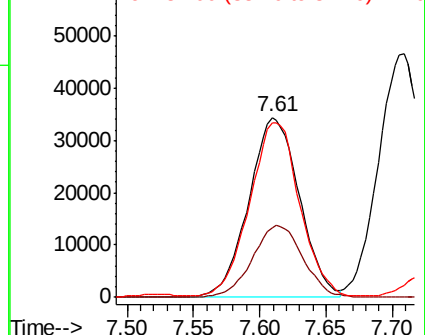
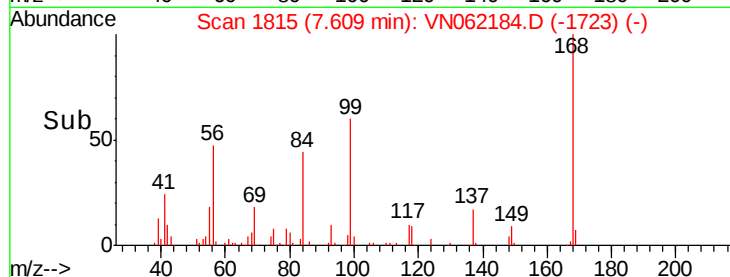
56 100

69 38.9 28.0 42.0

84 95.7 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062184.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 19.016 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

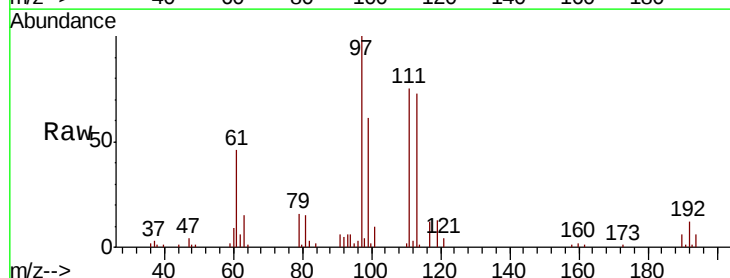
Tgt Ion: 97 Resp: 91114

Ion Ratio Lower Upper

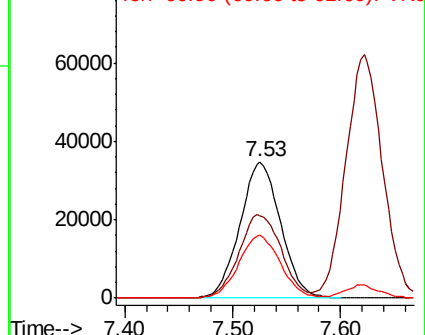
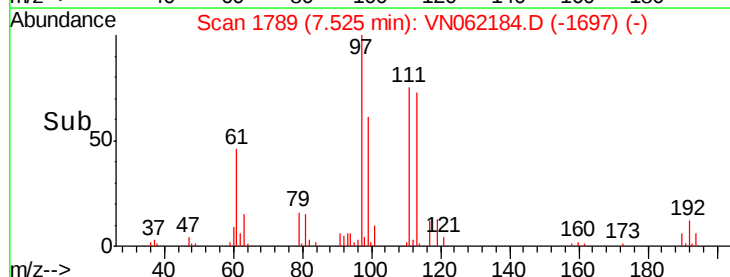
97 100

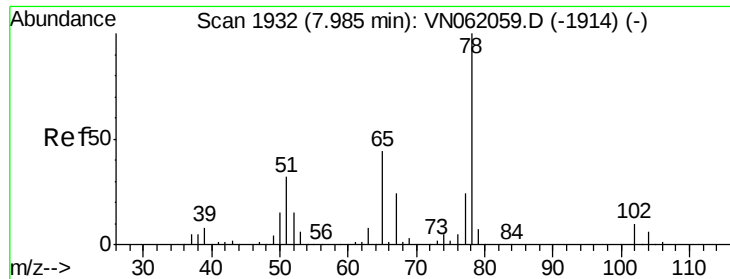
99 64.0 51.0 76.4

61 47.3 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VN062184.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.179 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

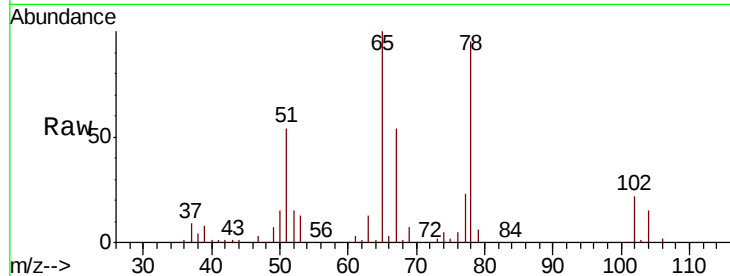
VN0629WBS01

Tot Ion: 65 Resp: 171560

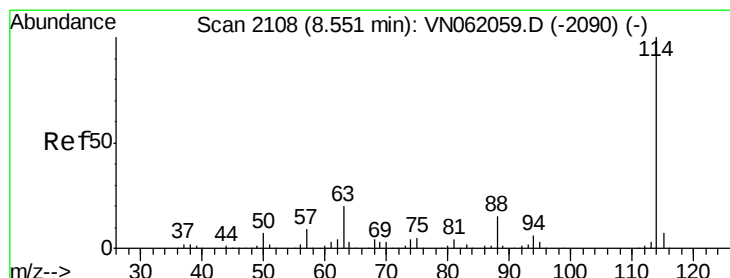
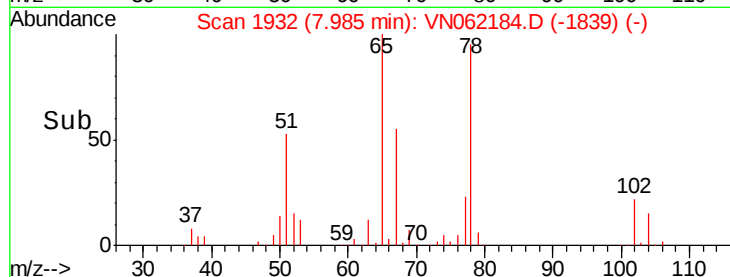
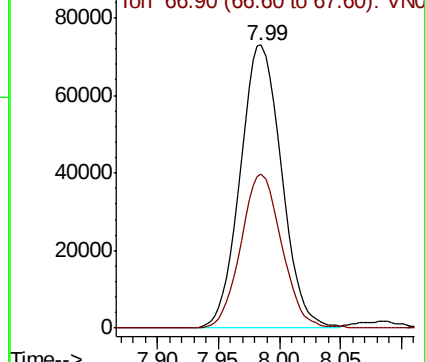
Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062184.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

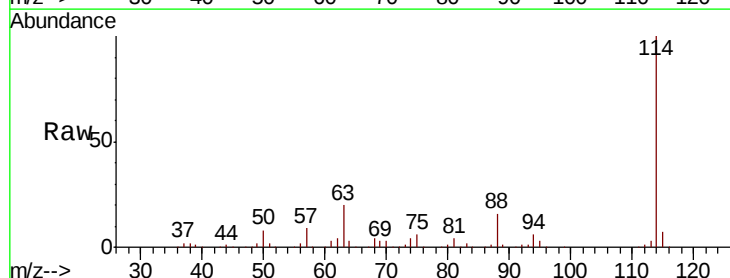
Tgt Ion: 114 Resp: 431554

Ion Ratio Lower Upper

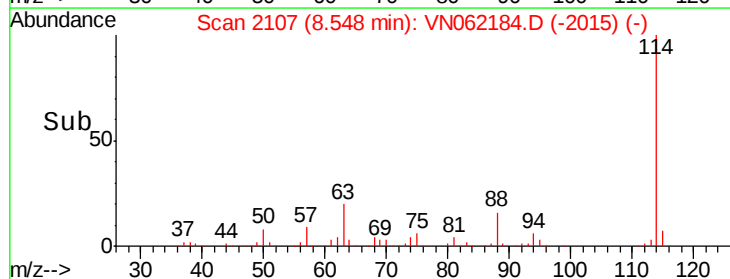
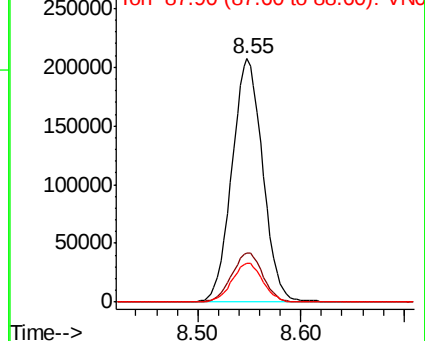
114 100

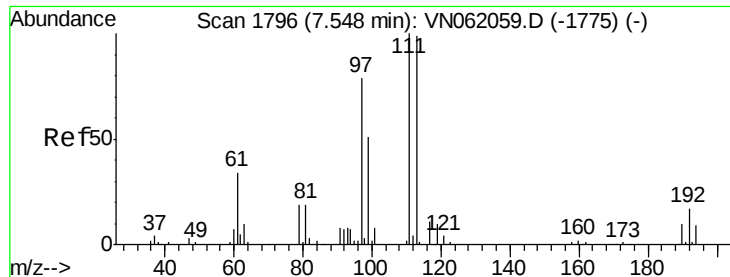
63 20.4 0.0 39.2

88 16.1 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062184.D (-2155) (-)

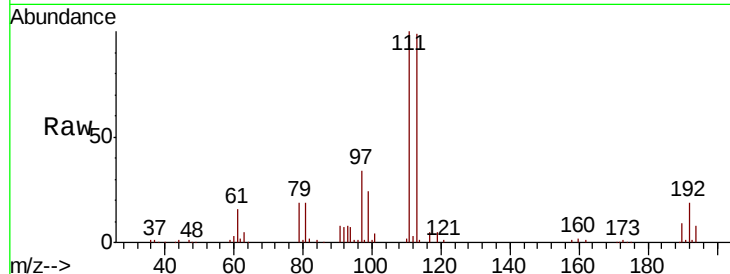




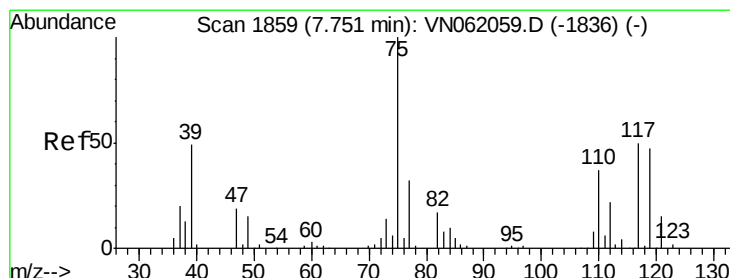
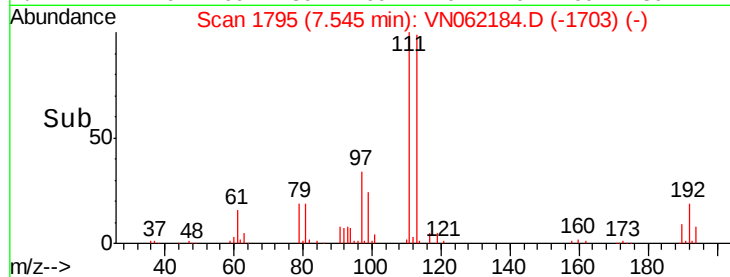
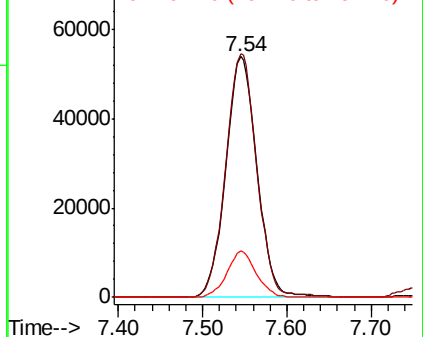
#35
 Dibromofluoromethane
 Concen: 49.911 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.2	123.4
192	18.0	14.0	21.0

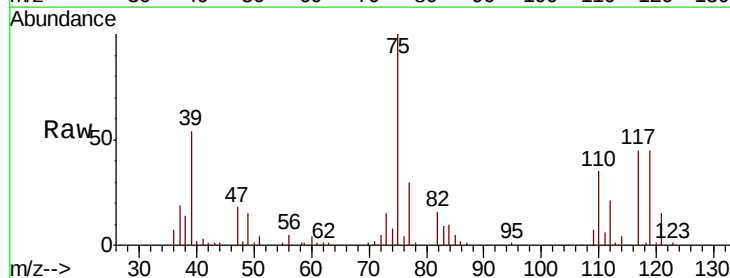


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

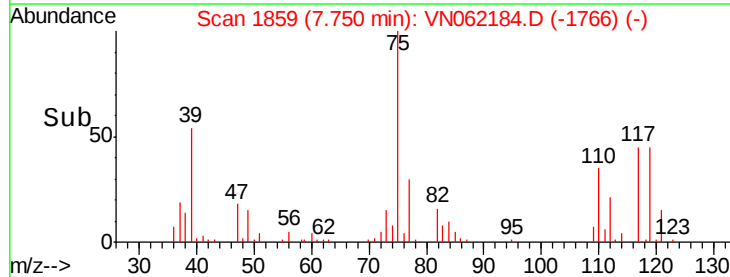
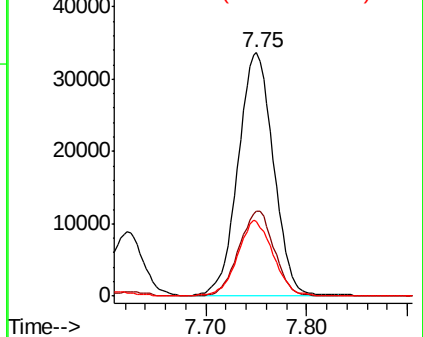


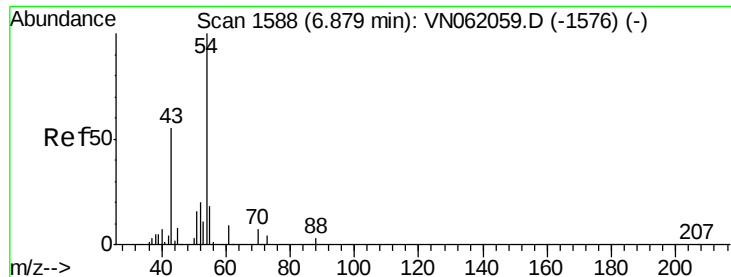
#36
 1,1-Dichloropropene
 Concen: 18.903 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.9	53.8
77	31.2	24.9	37.3



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

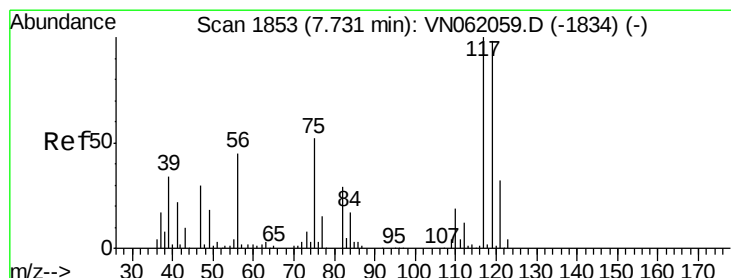
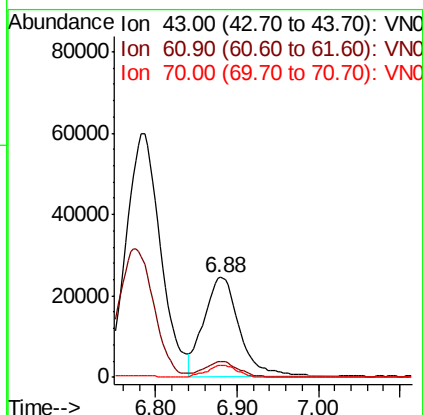
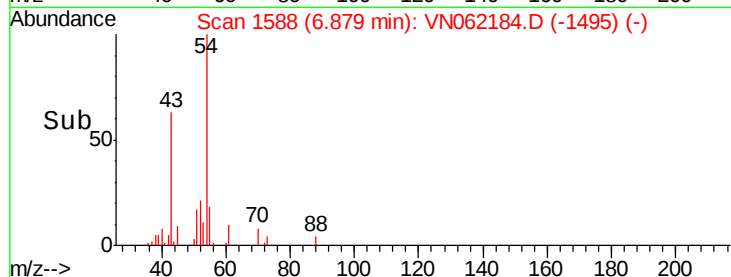
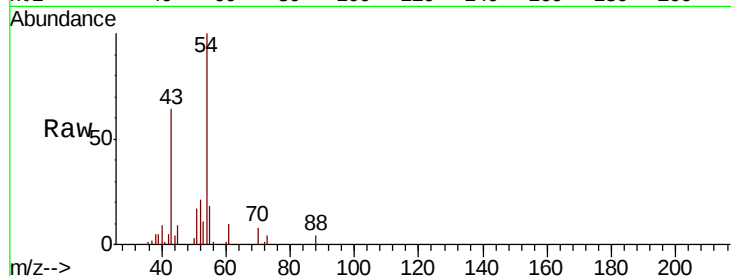




#37
Ethyl Acetate
Concen: 20.882 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

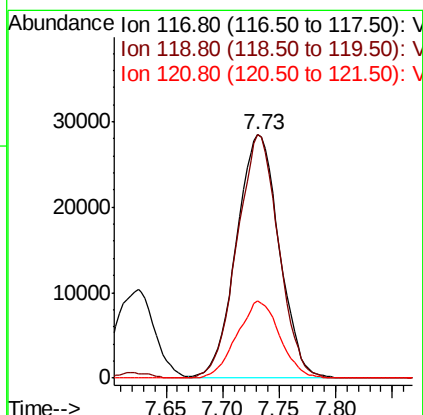
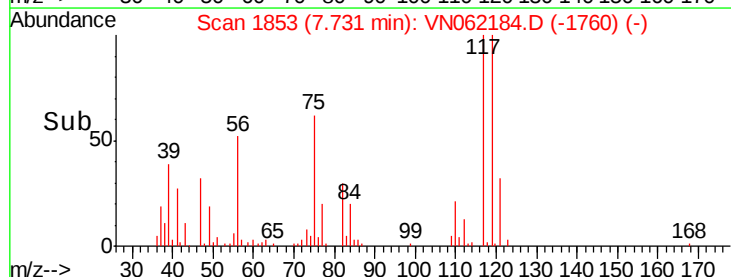
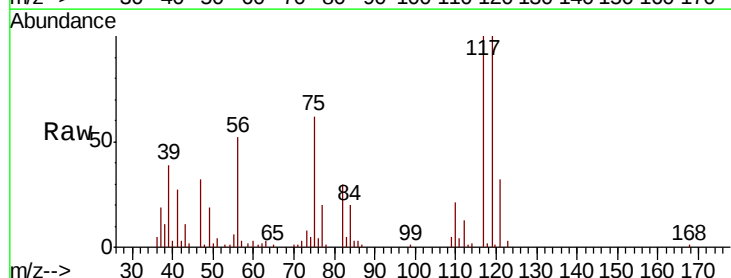
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

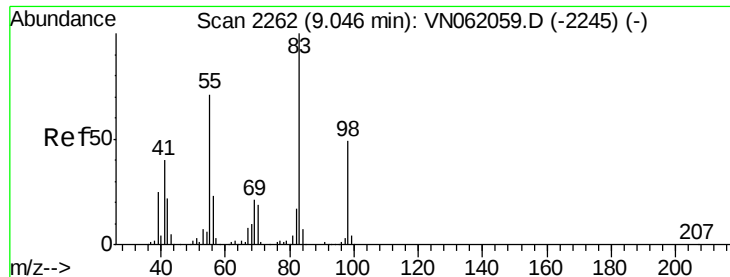
Tot Ion: 43 Resp: 75005
Ion Ratio Lower Upper
43 100
61 14.2 12.0 18.0
70 10.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 18.324 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 117 Resp: 74937
Ion Ratio Lower Upper
117 100
119 100.1 78.2 117.2
121 31.5 25.8 38.6

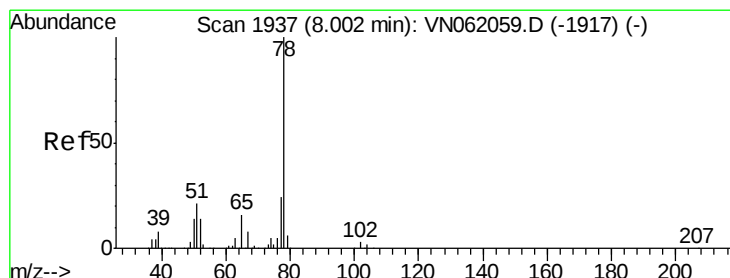
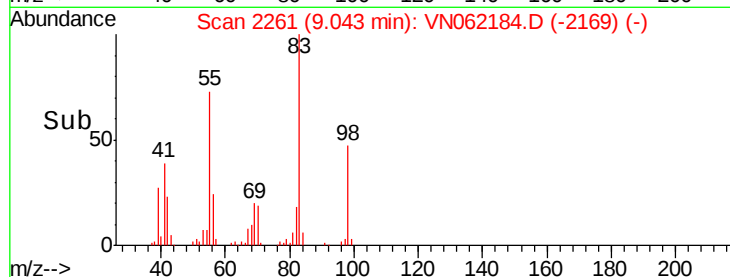
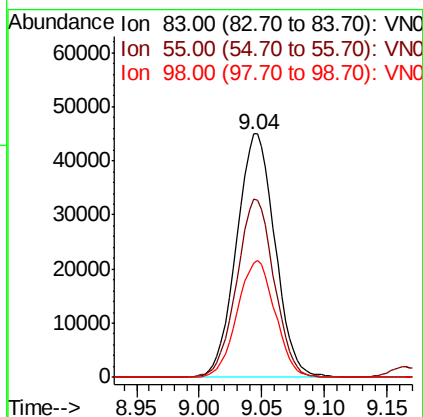
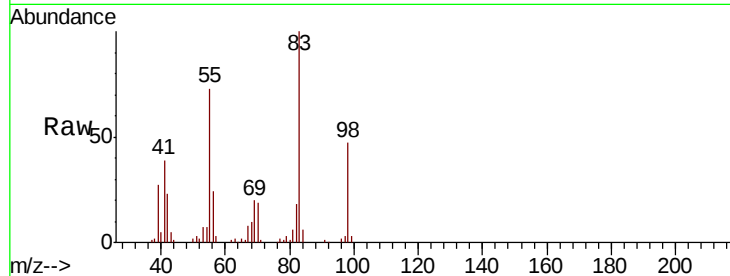




#39
Methvlcvclohexane
Concen: 20.177 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

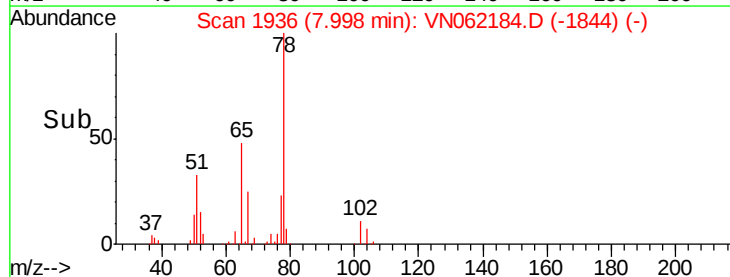
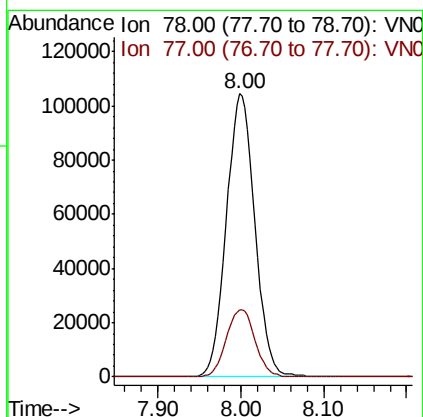
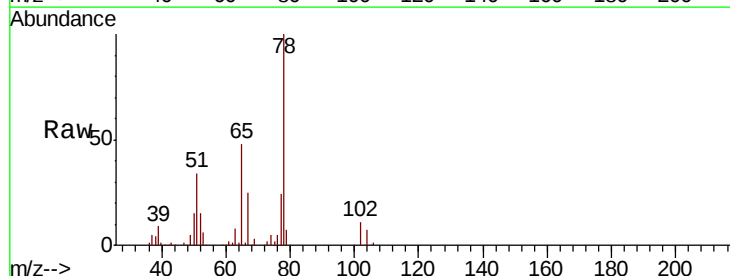
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

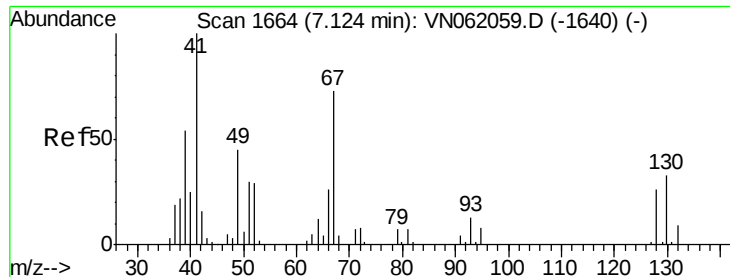
Tot Ion: 83 Resp: 95898
Ion Ratio Lower Upper
83 100
55 73.2 57.0 85.6
98 46.9 39.0 58.6



#40
Benzene
Concen: 18.889 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 78 Resp: 249743
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

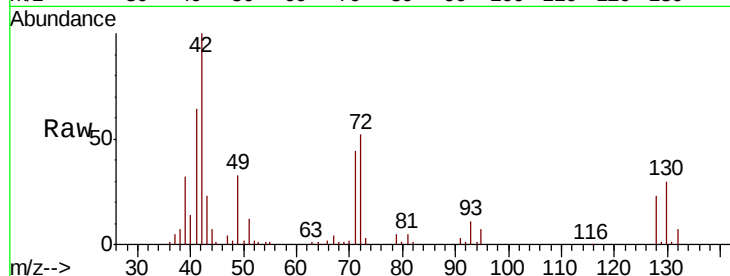




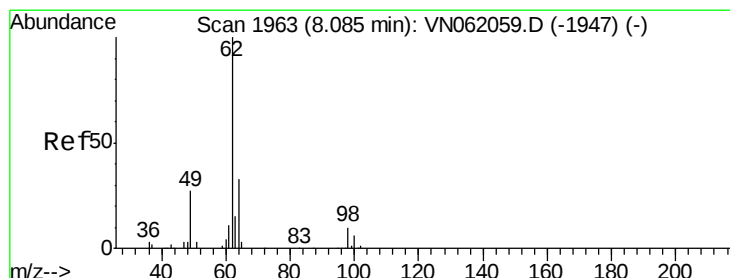
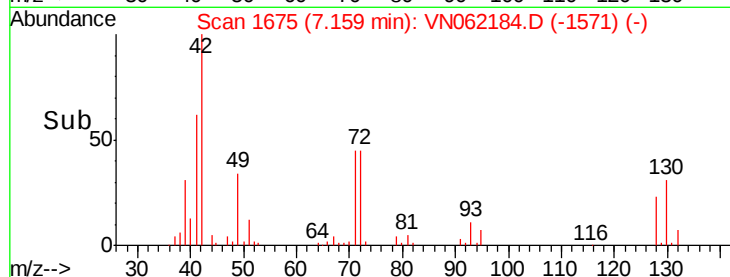
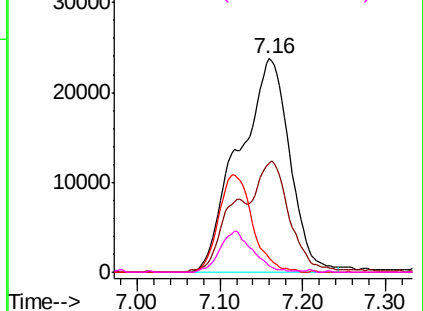
#41
Methacrylonitrile
Concen: 61.000 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion: 41 Resp: 101579
Ion Ratio Lower Upper
41 100
39 31.2 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#

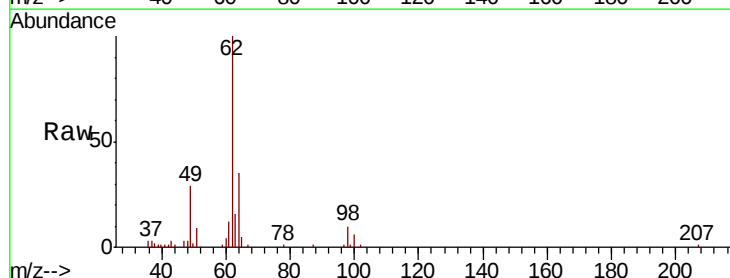


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

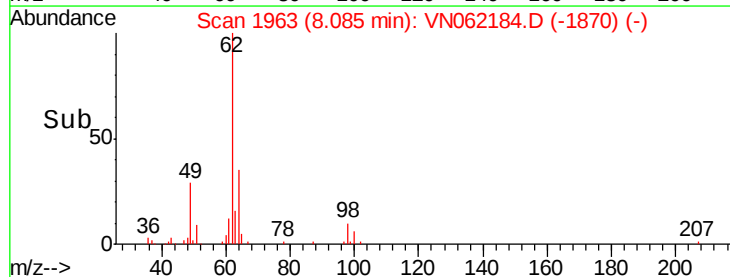
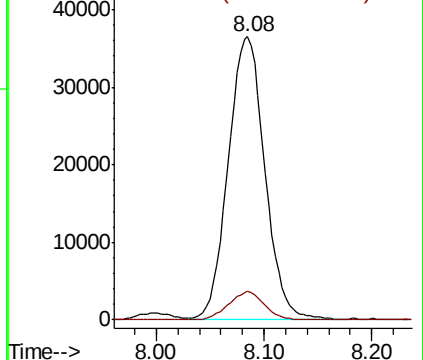


#42
1,2-Dichloroethane
Concen: 19.347 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 62 Resp: 86425
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 20.254 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

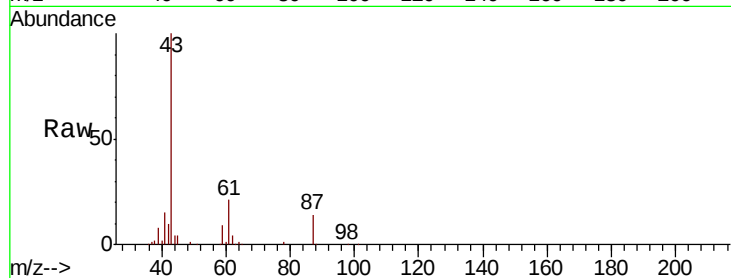
Tot Ion: 43 Resp: 118595

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

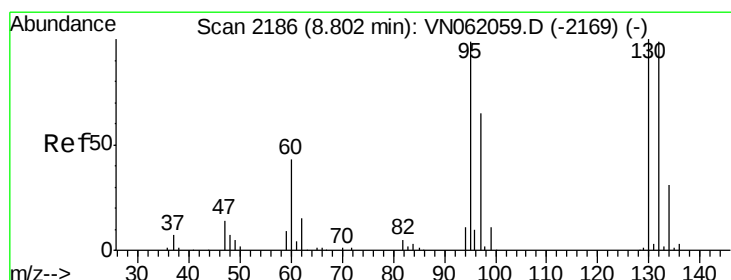
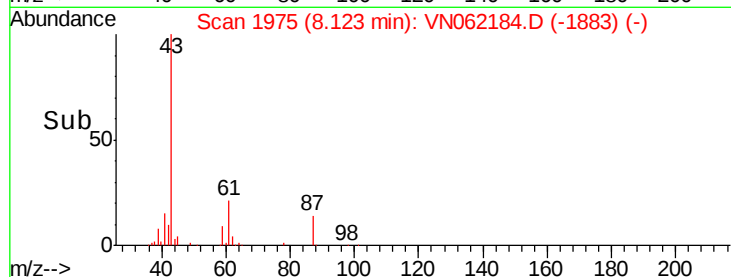
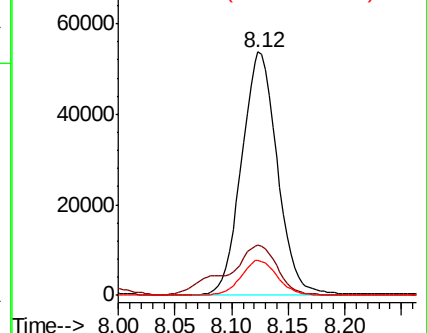
87 14.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 18.890 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062184.D

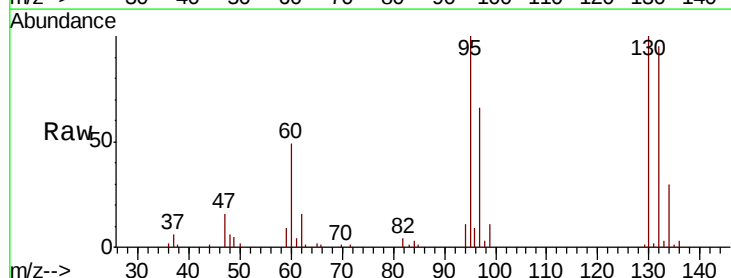
Acq: 29 Jun 2020 13:32

Tgt Ion:130 Resp: 62999

Ion Ratio Lower Upper

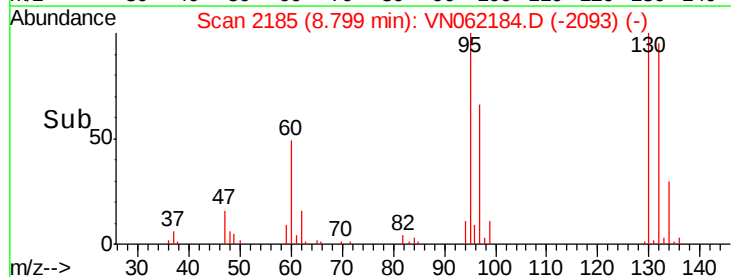
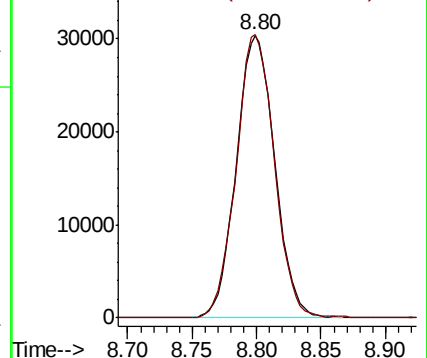
130 100

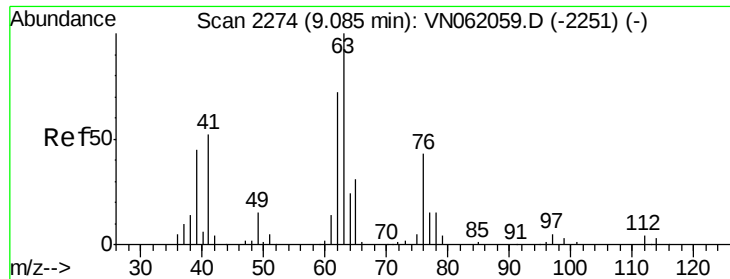
95 100.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 20.027 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

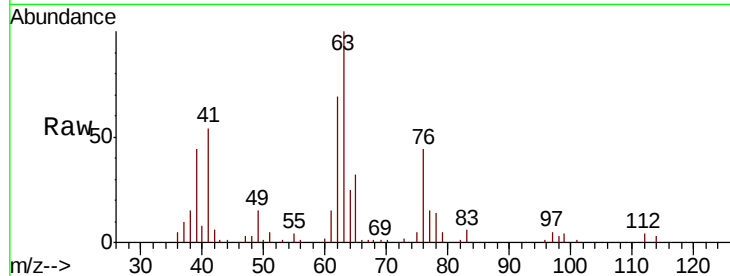
VN0629WBS01

Tot Ion: 63 Resp: 65324

Ion Ratio Lower Upper

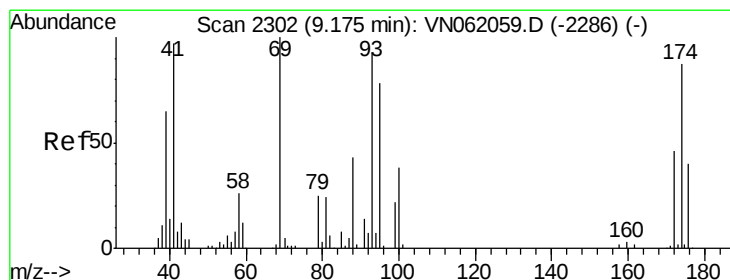
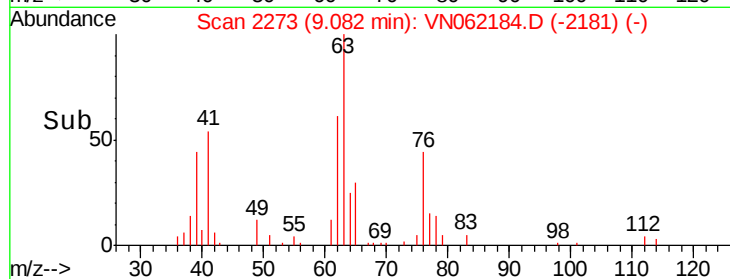
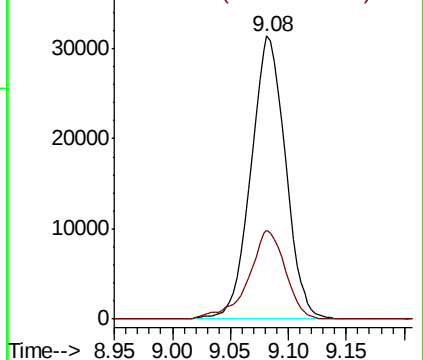
63 100

65 31.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-2251) (-)

Ion 64.90 (64.60 to 65.60): VN062059.D (-2251) (-)



#46

Dibromomethane

Concen: 18.839 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

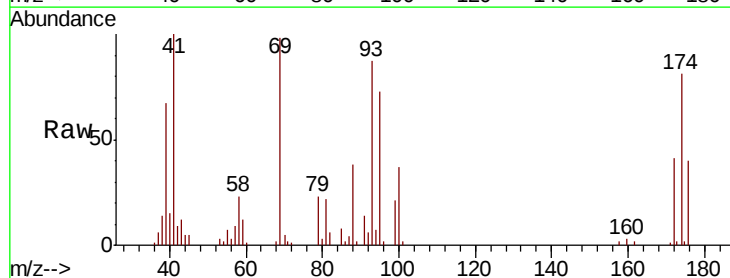
Tgt Ion: 93 Resp: 41663

Ion Ratio Lower Upper

93 100

95 84.7 67.0 100.6

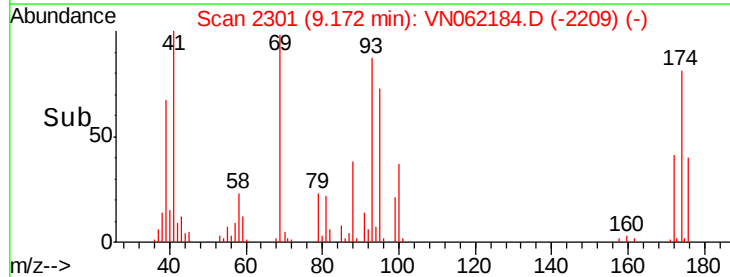
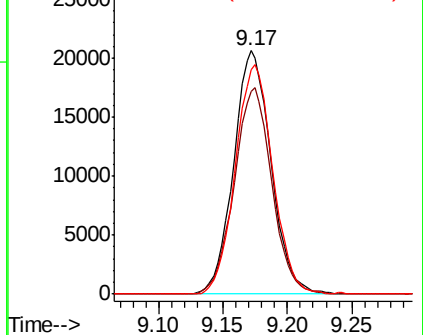
174 94.1 74.4 111.6

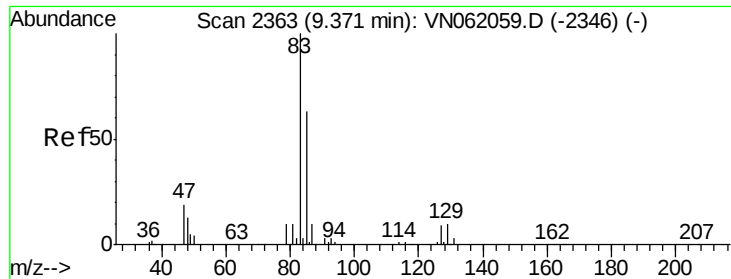


Abundance Ion 92.80 (92.50 to 93.50): VN062059.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN062059.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN062059.D (-2286) (-)

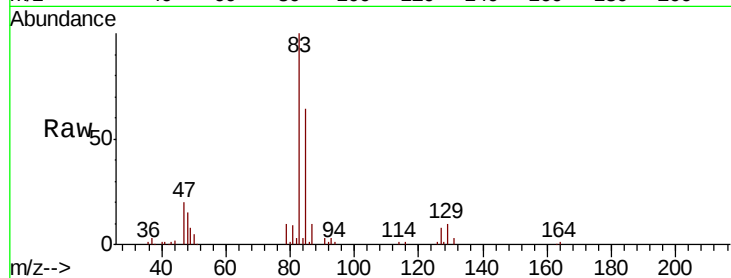




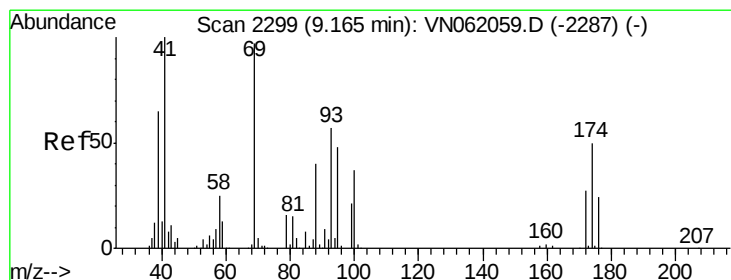
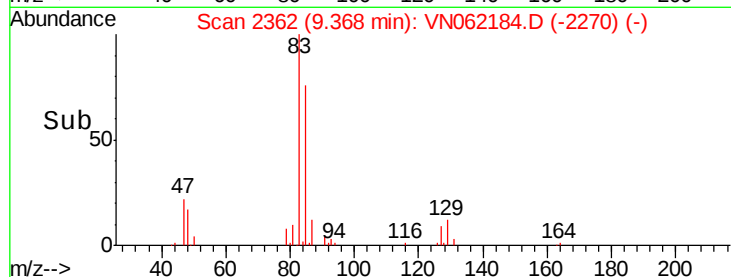
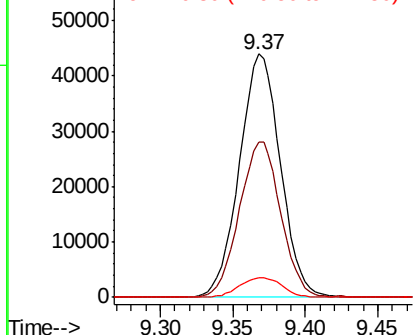
#47
Bromodichloromethane
Concen: 19.335 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion: 83 Resp: 86335
Ion Ratio Lower Upper
83 100
85 63.8 50.3 75.5
127 7.9 6.9 10.3

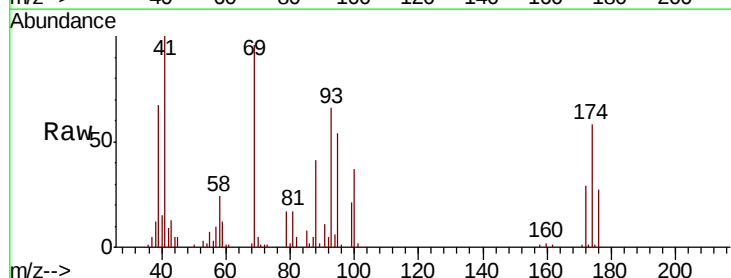


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

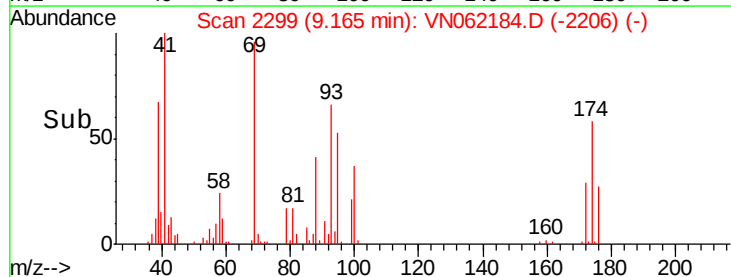
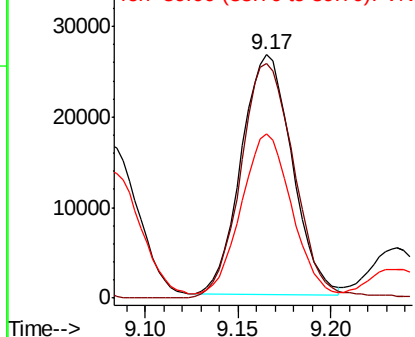


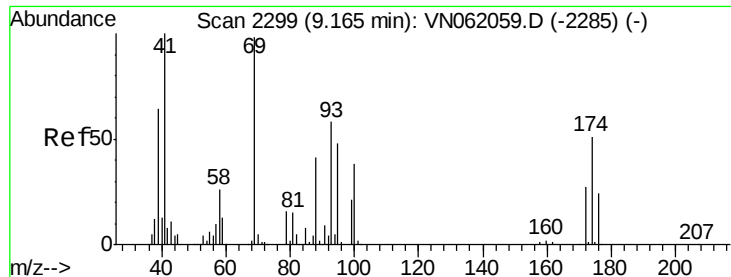
#48
Methyl methacrylate
Concen: 19.311 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 41 Resp: 50699
Ion Ratio Lower Upper
41 100
69 102.7 80.7 121.1
39 65.4 54.5 81.7



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

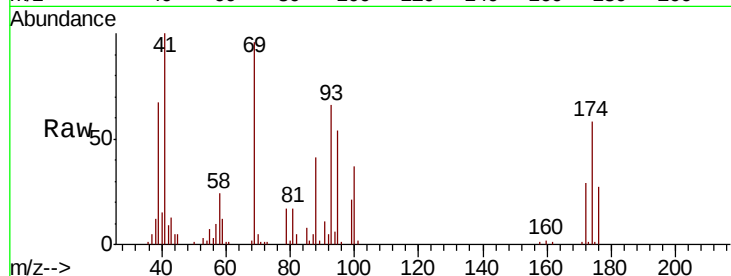




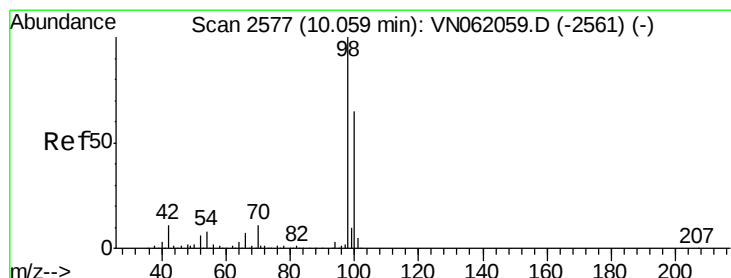
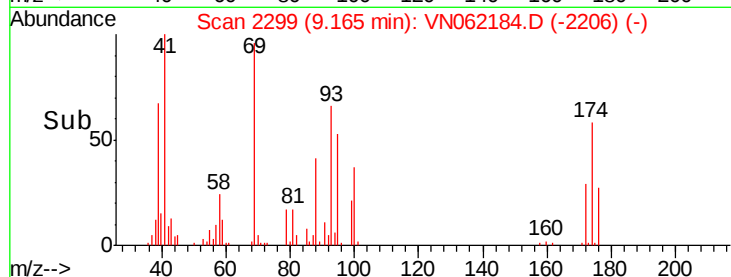
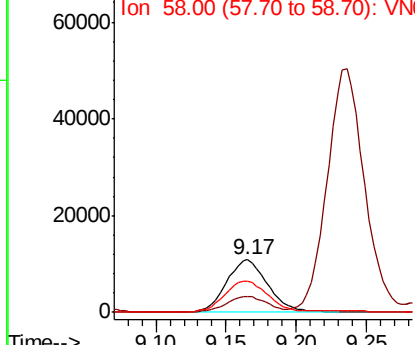
#49
1,4-Dioxane
Concen: 384.447 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion: 88 Resp: 22383
Ion Ratio Lower Upper
88 100
43 30.8 22.0 33.0
58 62.4 49.2 73.8

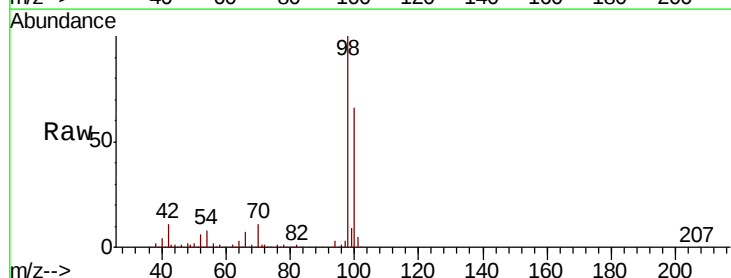


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

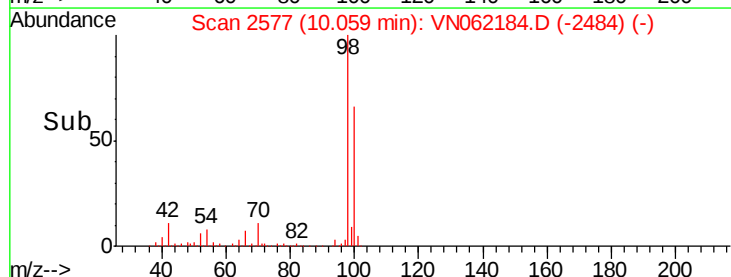
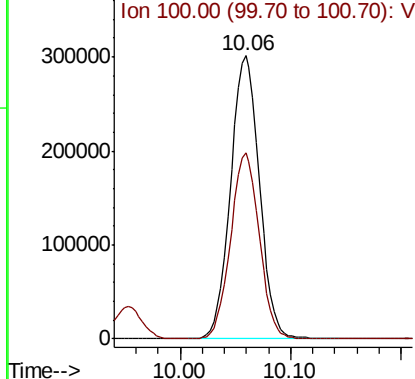


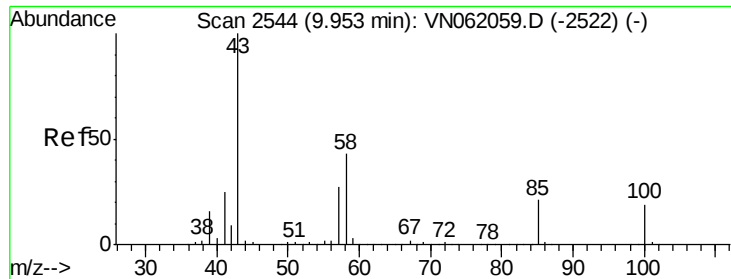
#50
Toluene-d8
Concen: 49.415 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 98 Resp: 546880
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



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

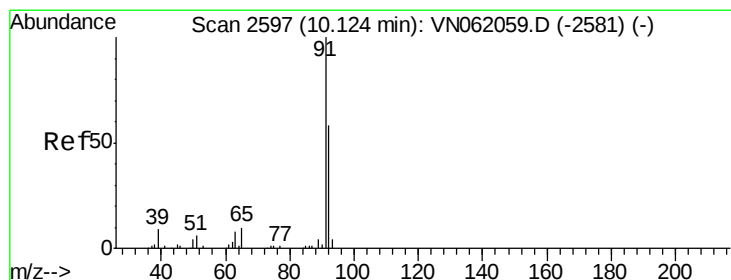
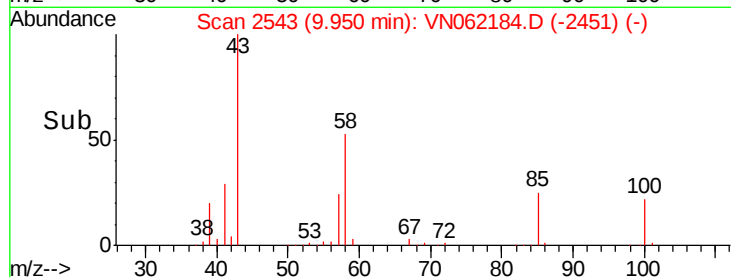
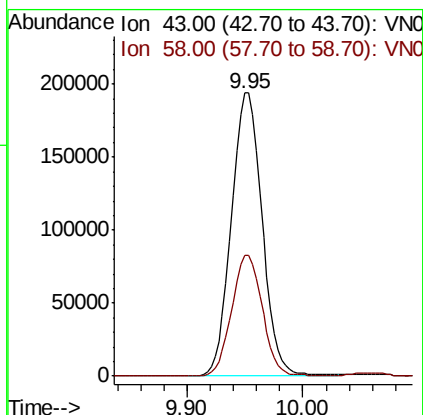
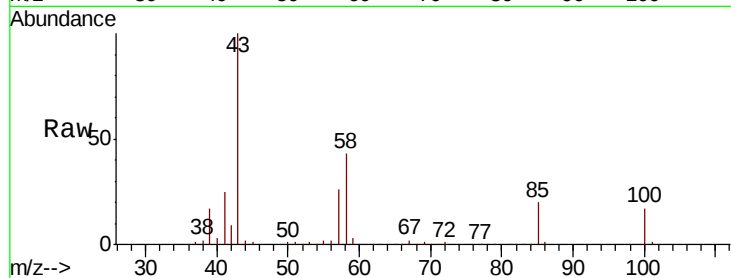




#51
4-Methyl-2-Pentanone
Concen: 103.812 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

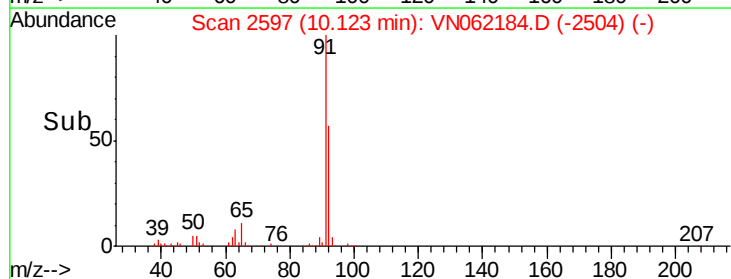
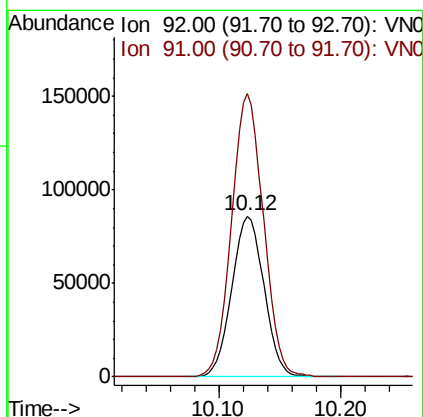
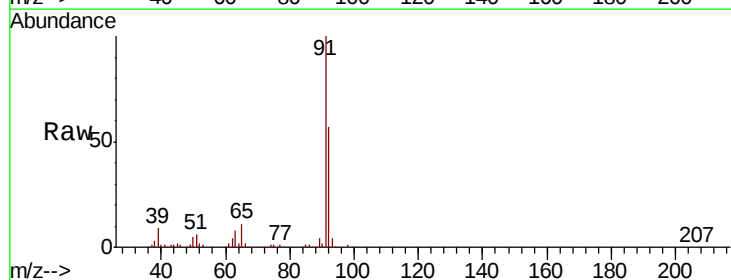
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

Tot Ion: 43 Resp: 355145
Ion Ratio Lower Upper
43 100
58 42.6 34.2 51.2



#52
Toluene
Concen: 19.559 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 92 Resp: 157784
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.871 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

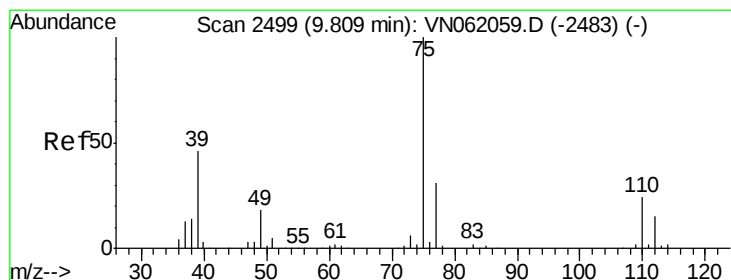
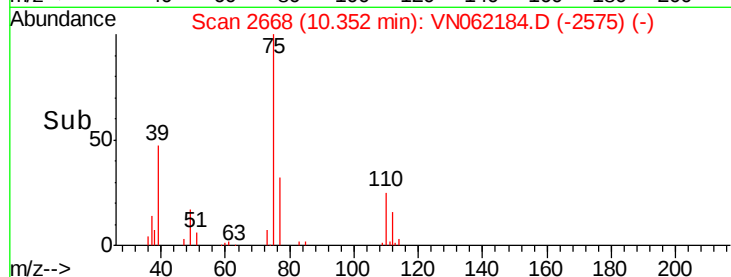
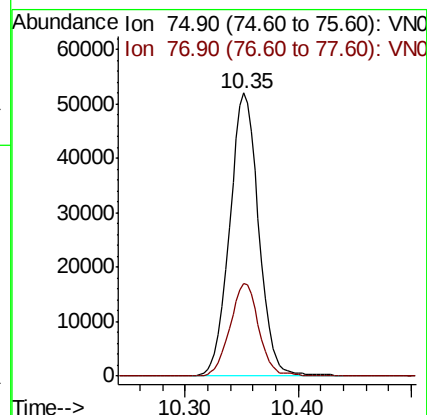
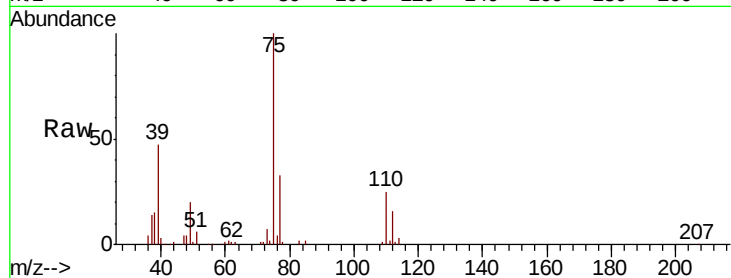
VN0629WBS01

Tot Ion: 75 Resp: 92709

Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.873 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

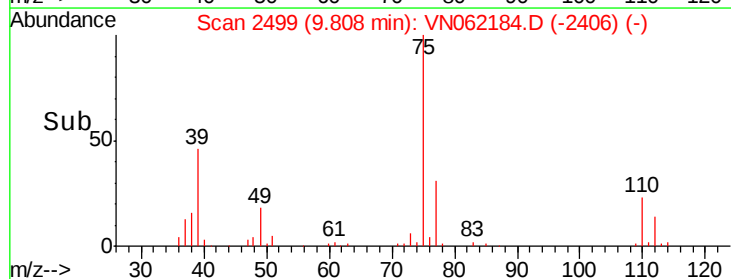
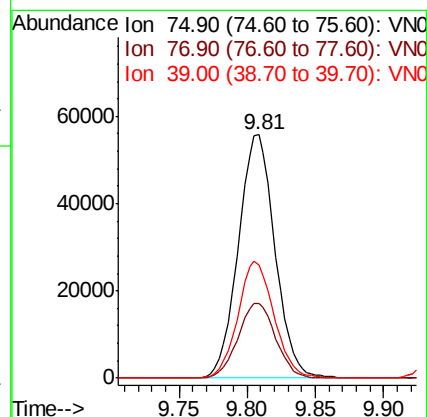
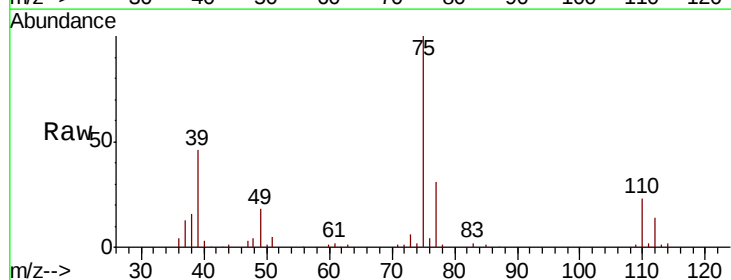
Tgt Ion: 75 Resp: 103941

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6

39 46.4 36.9 55.3

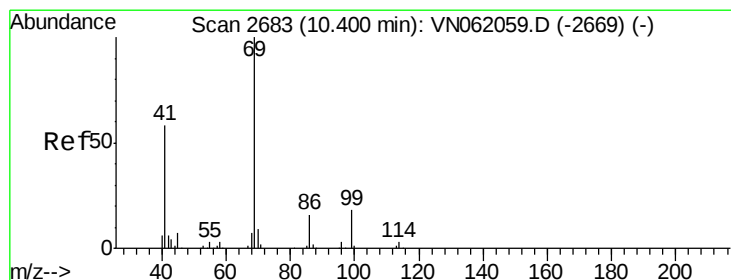
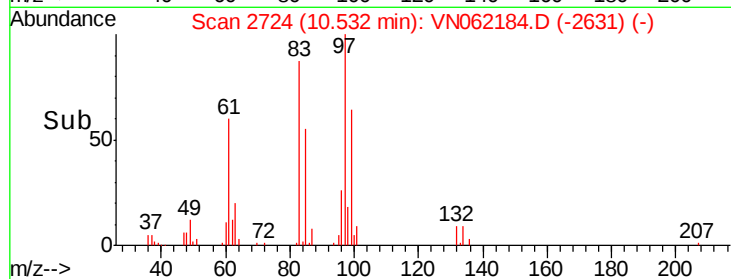
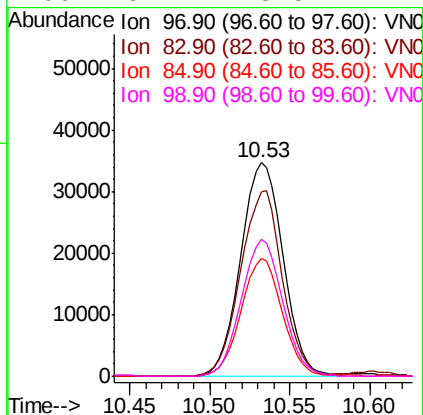
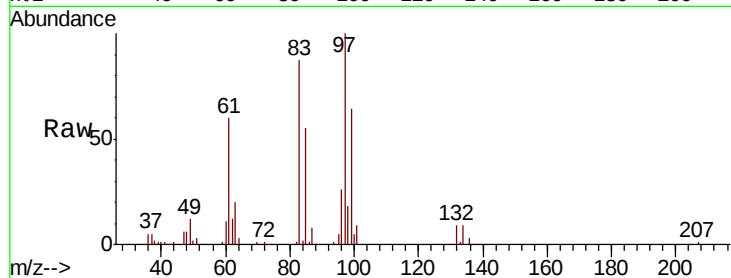




#55
 1,1,2-Trichloroethane
 Concen: 19.843 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

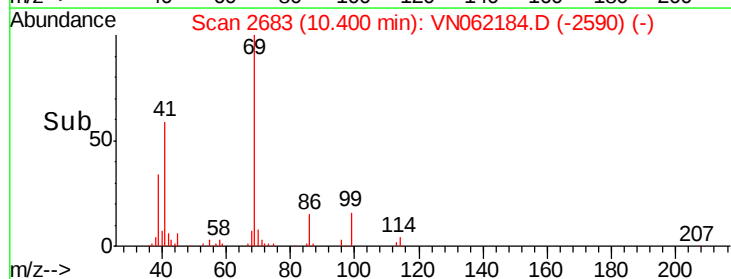
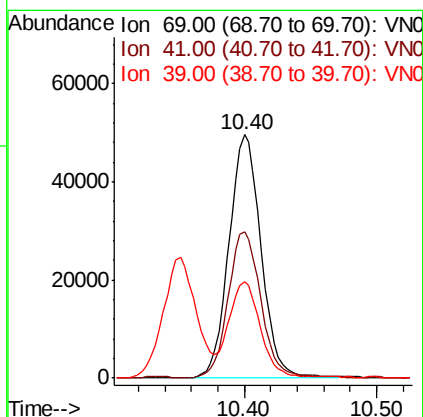
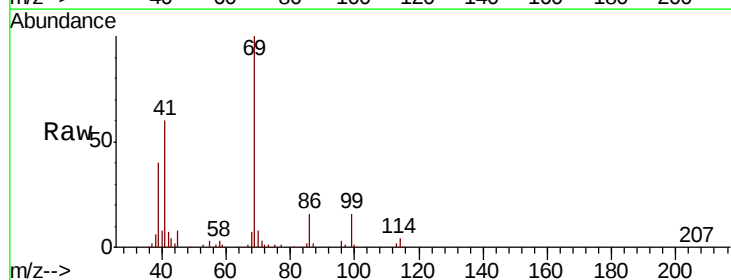
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBS01

Tot Ion:	97	Resp:	62925
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.2	102.2
85	54.9	43.2	64.8
99	64.1	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 19.777 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion:	69	Resp:	83696
Ion	Ratio	Lower	Upper
69	100		
41	61.9	46.6	70.0
39	37.9	31.0	46.4

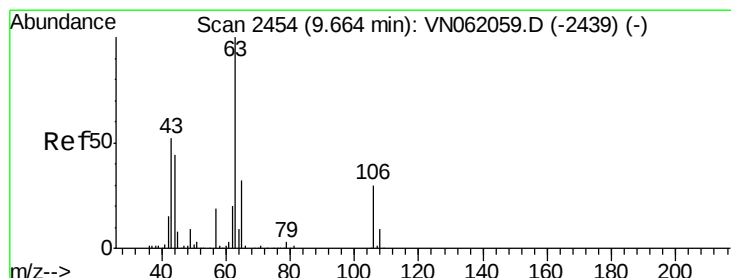
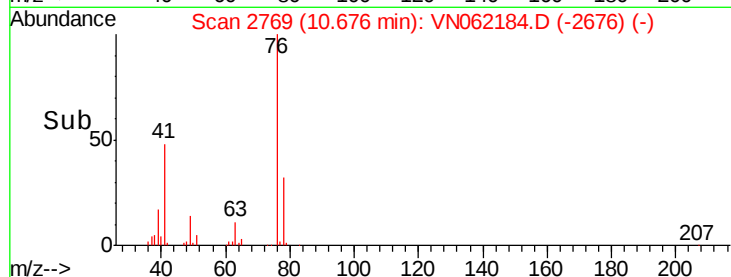
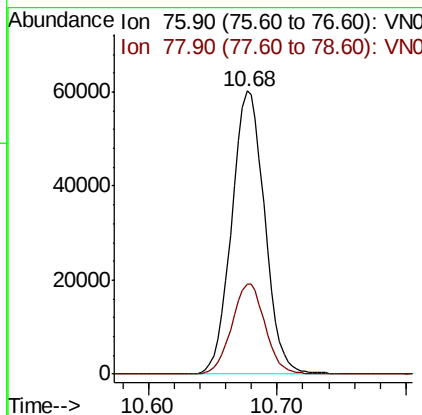
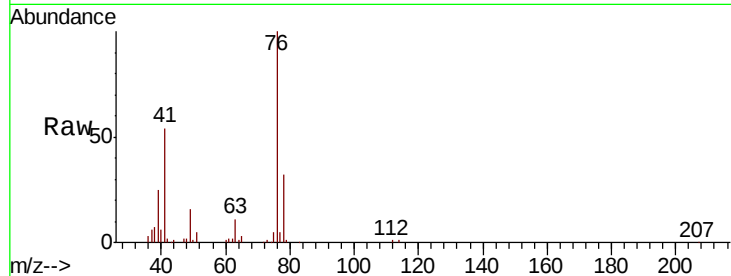




#57
 1,3-Dichloropropane
 Concen: 19.615 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

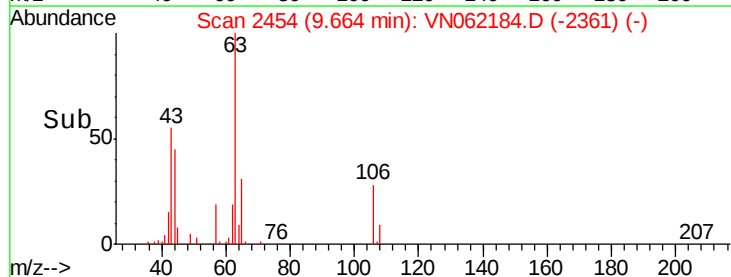
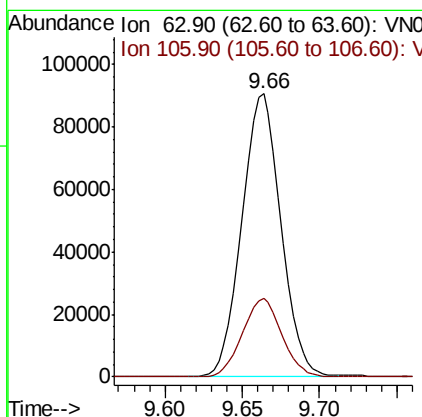
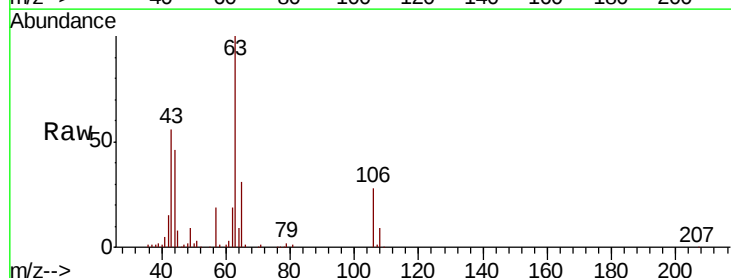
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBS01

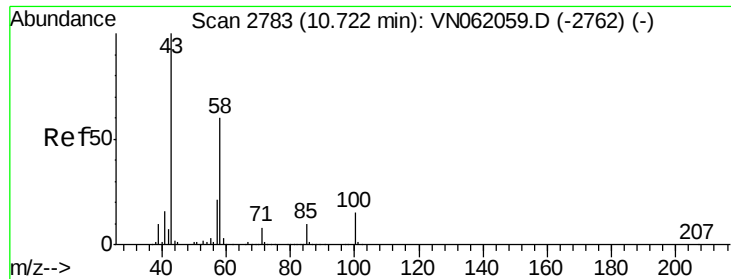
Tot Ion: 76 Resp: 107065
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.014 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion: 63 Resp: 159671
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.2 34.8

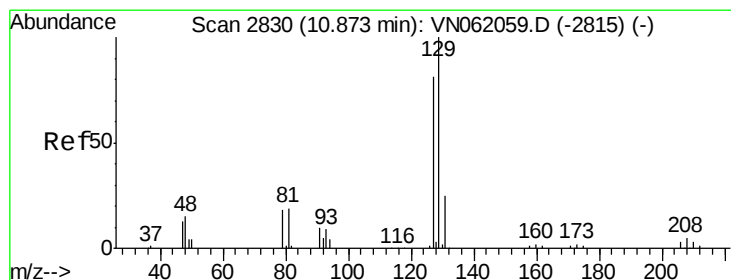
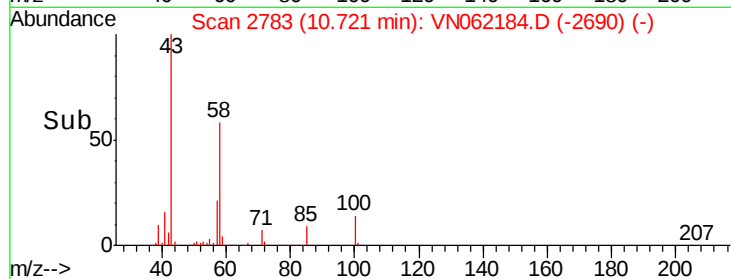
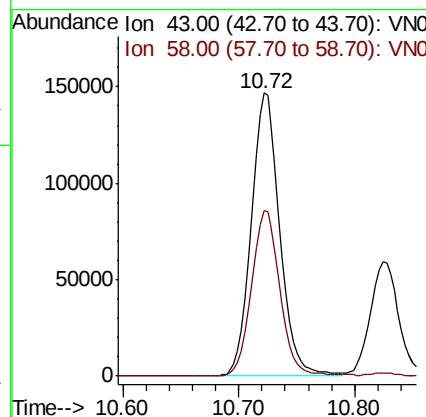
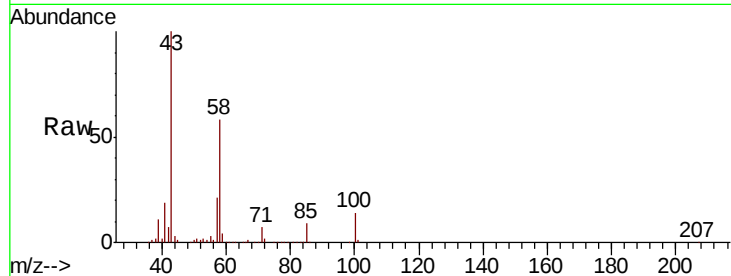




#59
2-Hexanone
Concen: 102.201 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

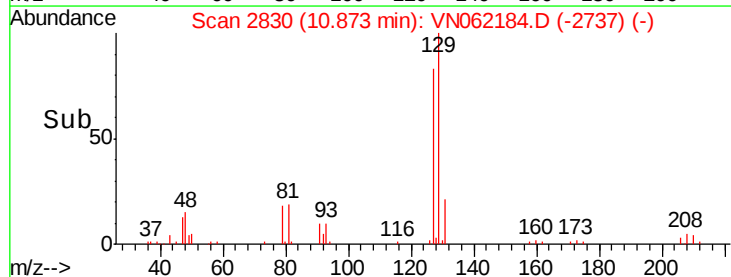
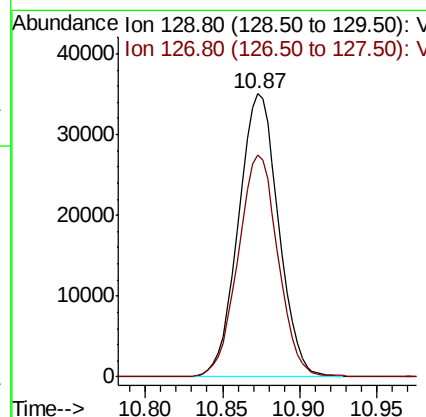
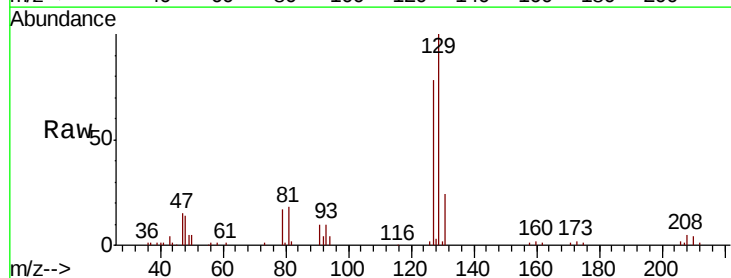
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

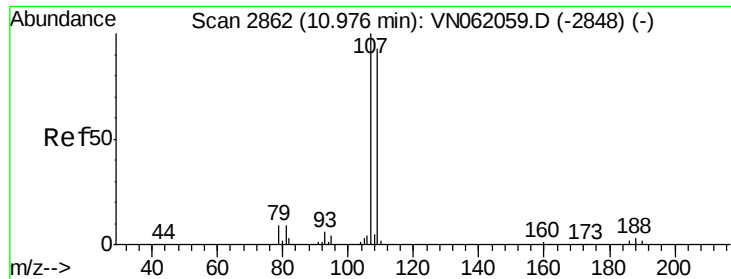
Tot Ion: 43 Resp: 252470
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.5



#60
Dibromochloromethane
Concen: 18.783 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 129 Resp: 63059
Ion Ratio Lower Upper
129 100
127 78.2 39.5 118.5

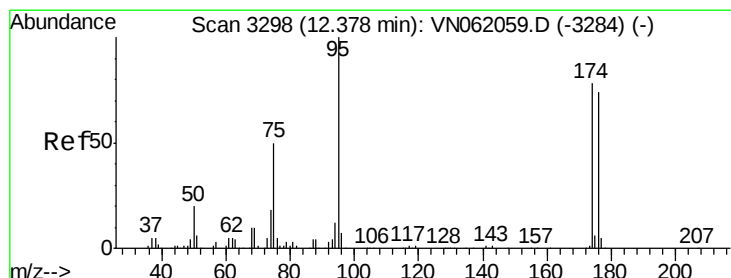
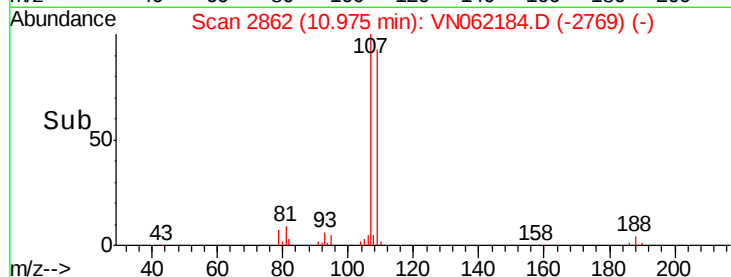
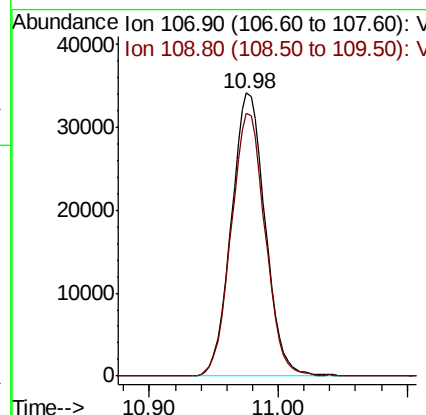
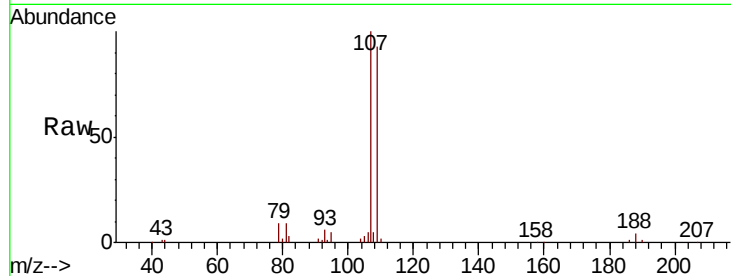




#61
 1,2-Dibromoethane
 Concen: 19.029 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

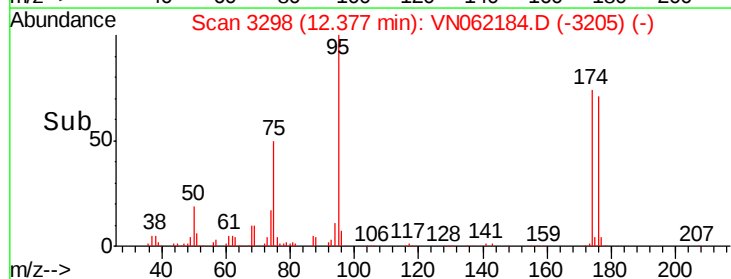
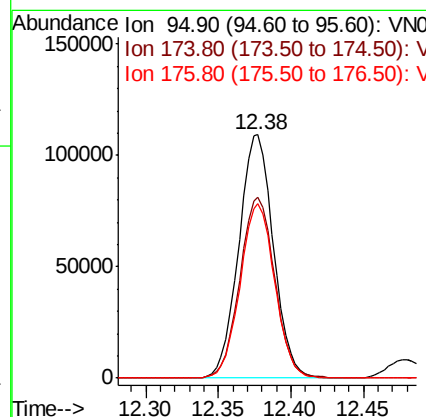
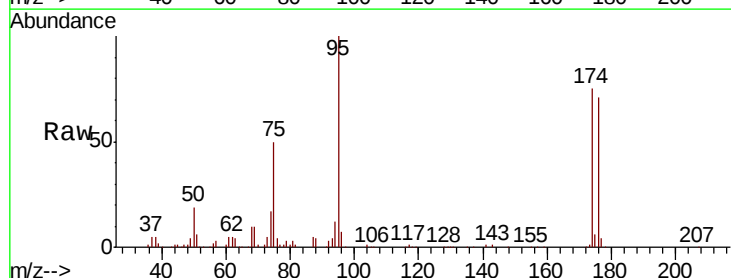
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

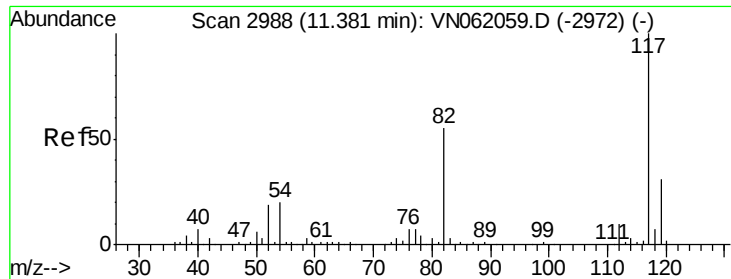
Tot Ion:107 Resp: 62003
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.589 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion: 95 Resp: 181678
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 154.8
 176 71.5 0.0 147.4

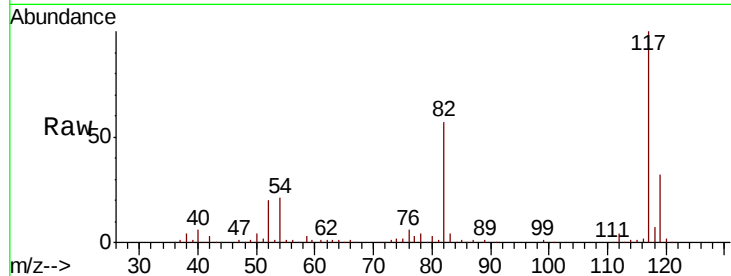




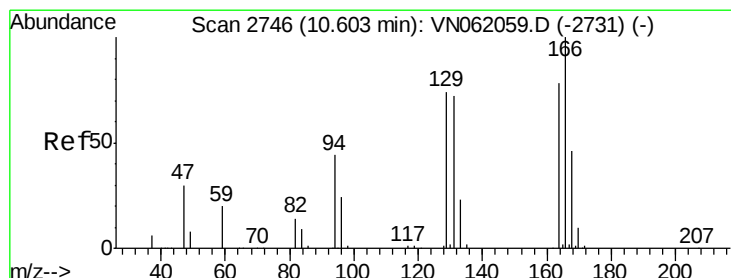
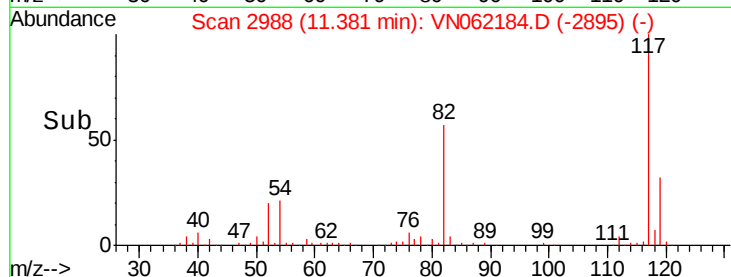
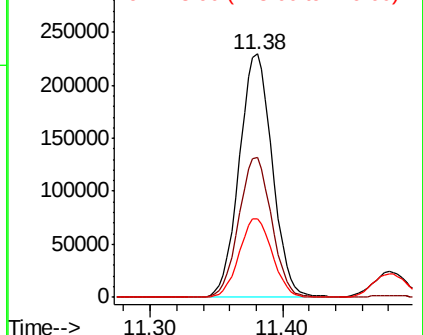
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion:117 Resp: 398084
Ion Ratio Lower Upper
117 100
82 57.3 43.8 65.8
119 32.5 25.2 37.8

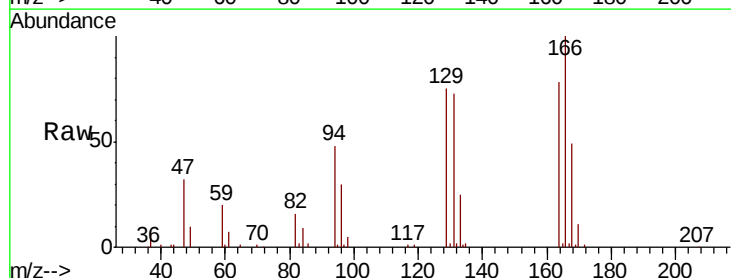


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

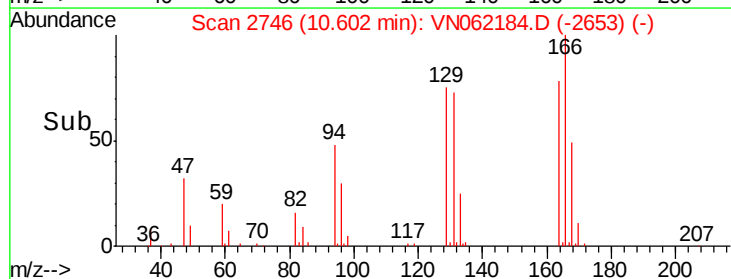
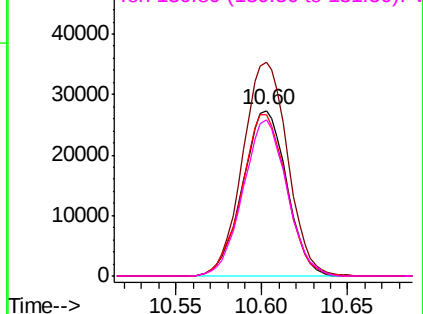


#64
Tetrachloroethene
Concen: 17.861 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion:164 Resp: 48570
Ion Ratio Lower Upper
164 100
166 129.0 102.9 154.3
129 97.4 75.8 113.8
131 94.3 73.8 110.6



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

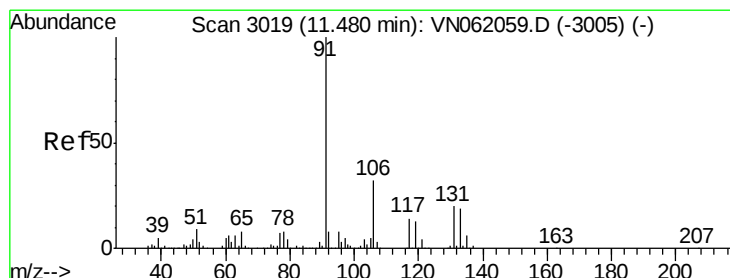
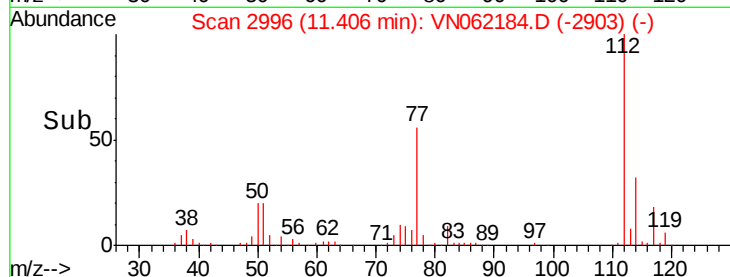
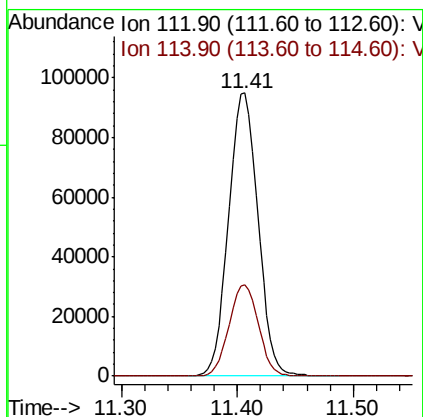
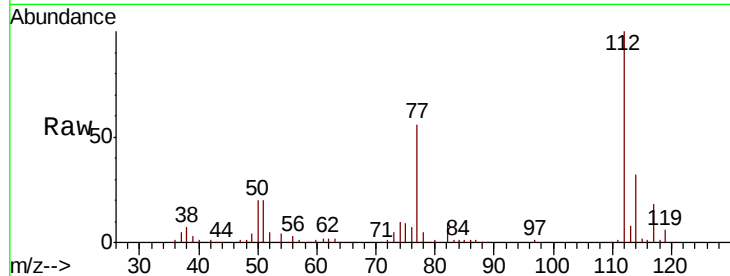




#65
Chlorobenzene
Concen: 19.052 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

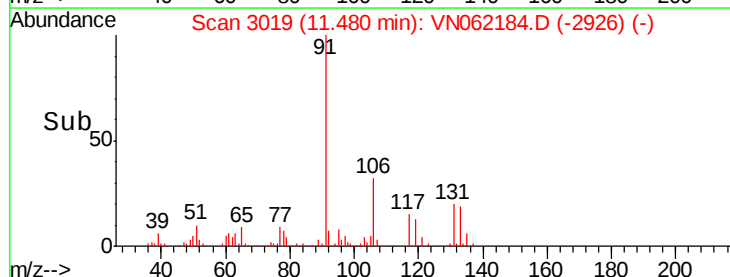
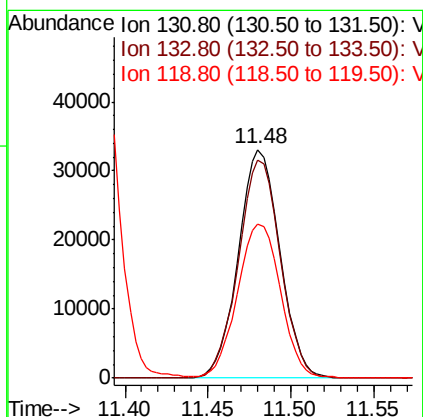
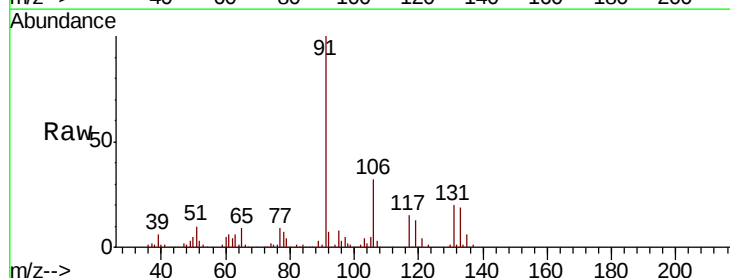
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

Tot Ion:112 Resp: 166552
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.071 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion:131 Resp: 57650
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 70.3 34.4 103.3

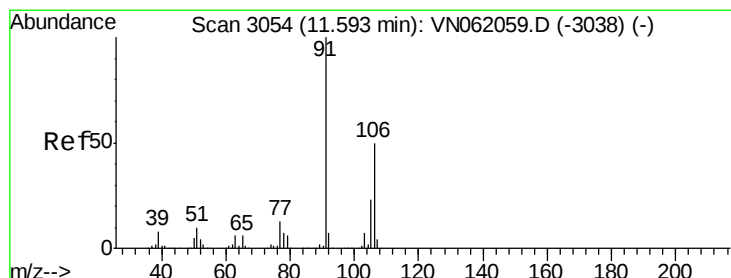
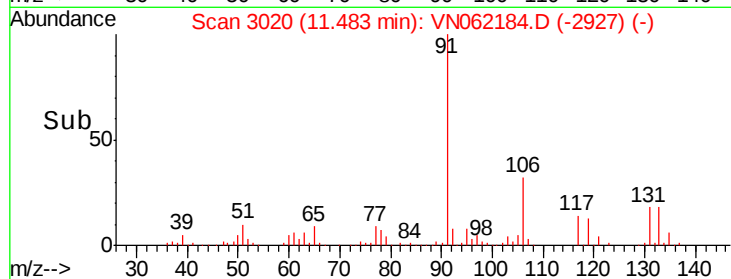
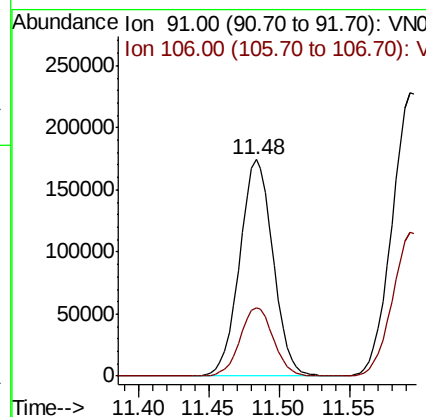
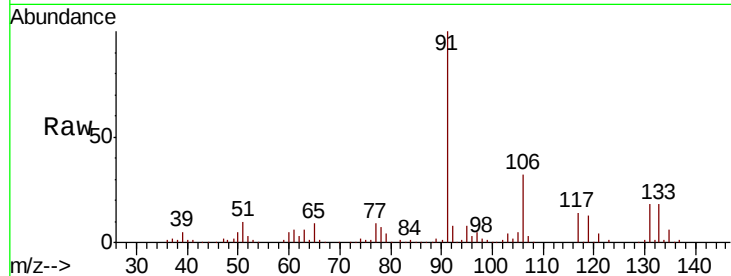




#67
Ethyl Benzene
Concen: 19.615 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

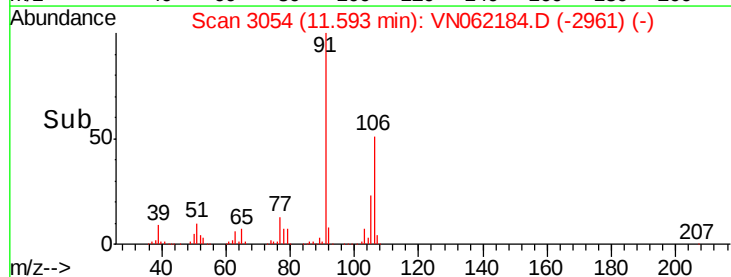
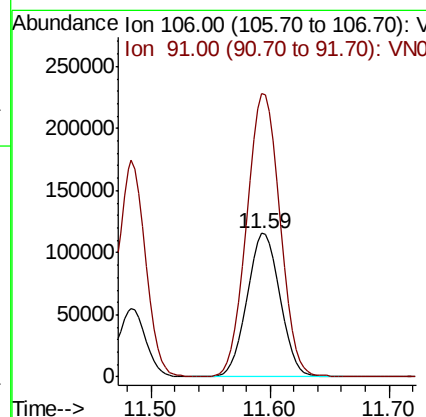
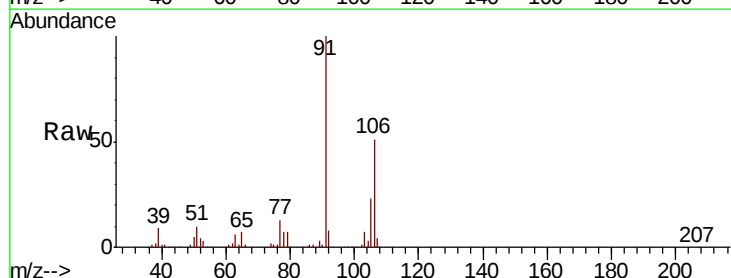
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

Tot Ion: 91 Resp: 289600
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 38.752 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 106 Resp: 221293
Ion Ratio Lower Upper
106 100
91 199.7 157.8 236.8

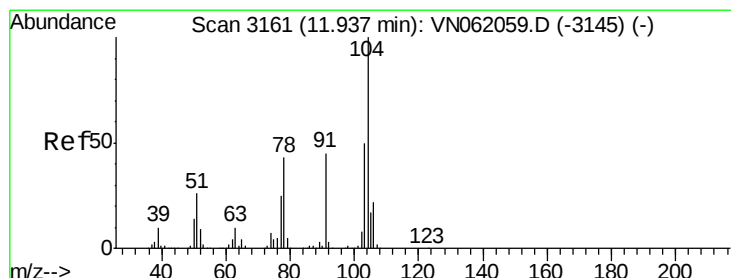
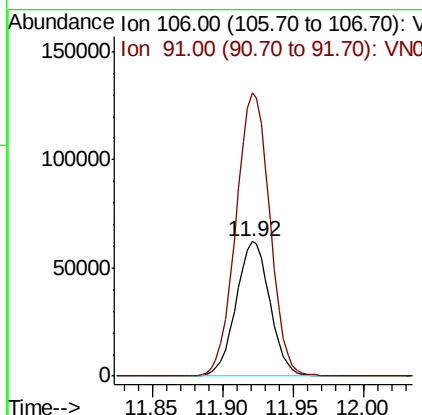
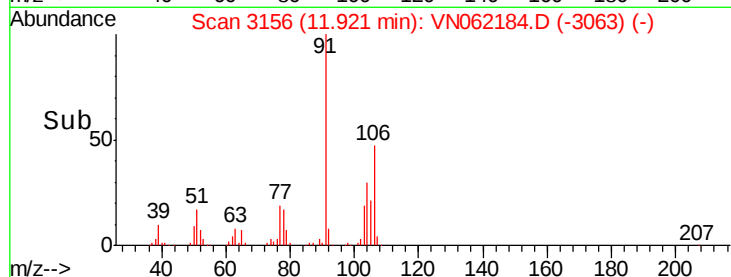
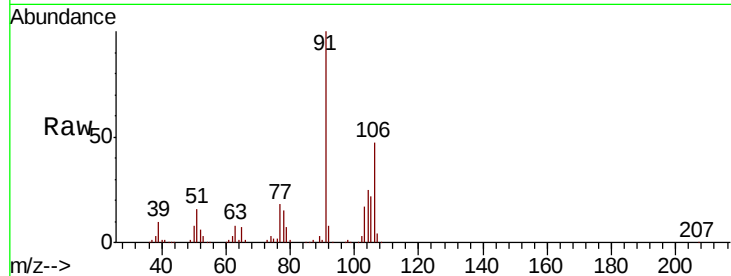




#69
o-Xylene
Concen: 19.475 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

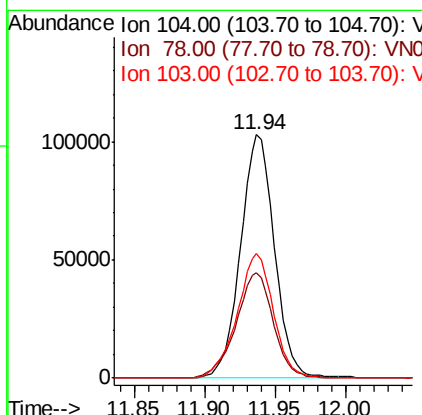
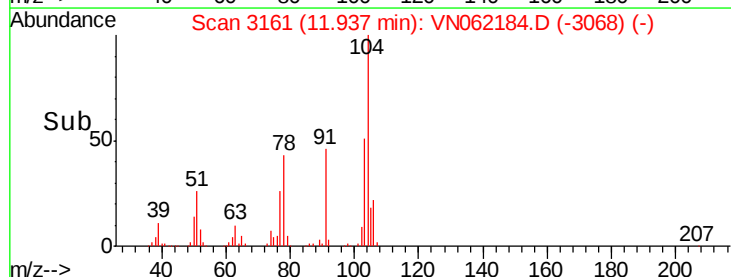
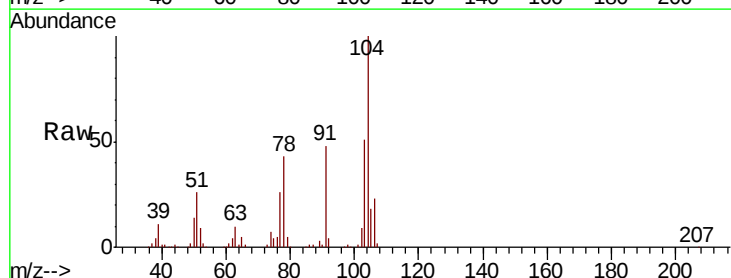
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

Tot Ion:106 Resp: 104929
Ion Ratio Lower Upper
106 100
91 210.7 104.0 311.9



#70
Styrene
Concen: 19.315 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion:104 Resp: 173561
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 54.5 43.0 64.6

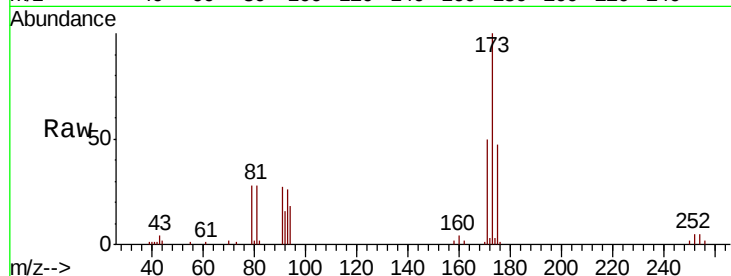




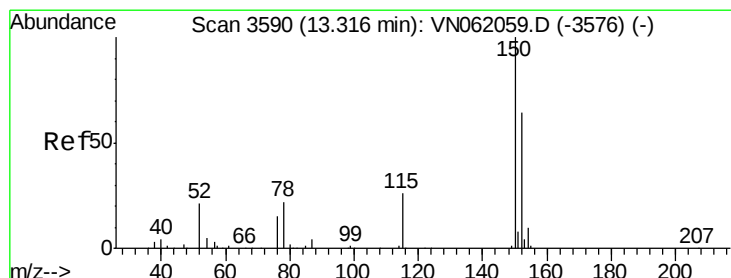
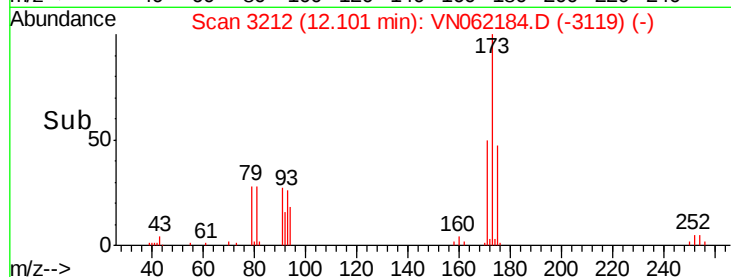
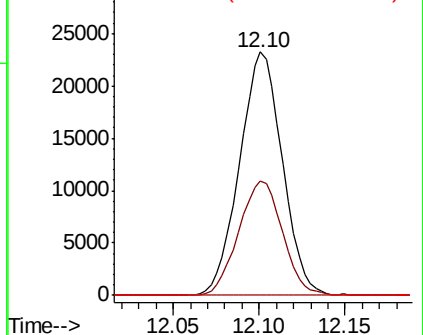
#71
Bromoform
Concen: 18.621 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion:173 Resp: 40021
Ion Ratio Lower Upper
173 100
175 47.9 24.7 74.1
254 0.0 0.0 0.0

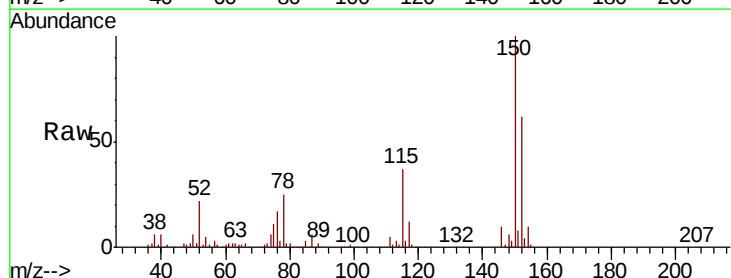


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

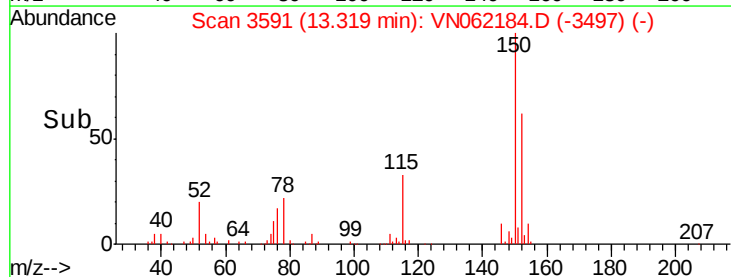
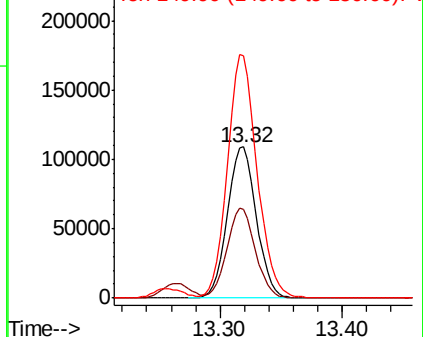


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion:152 Resp: 180618
Ion Ratio Lower Upper
152 100
115 58.4 29.5 88.5
150 165.2 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.966 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

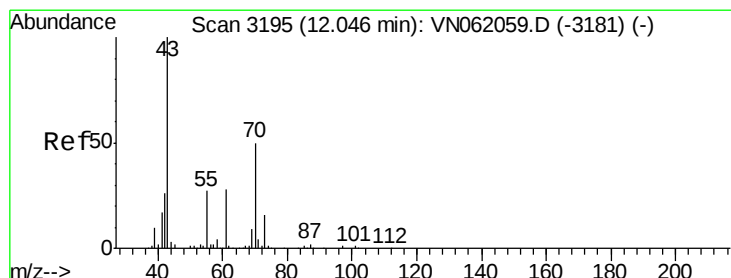
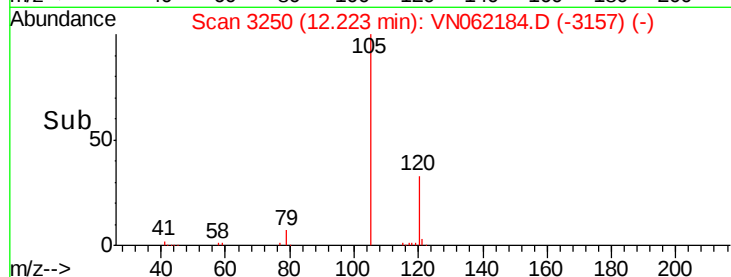
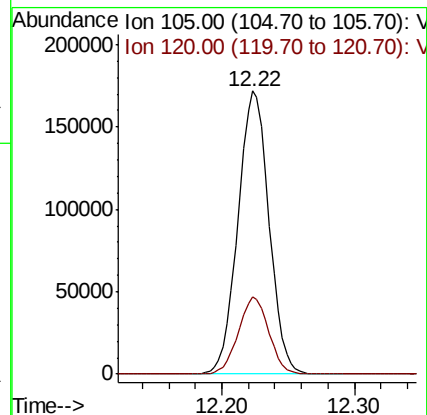
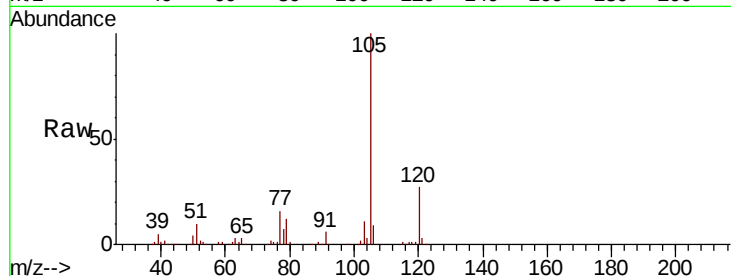
VN0629WBS01

Tot Ion:105 Resp: 279145

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 20.473 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion: 43 Resp: 94478

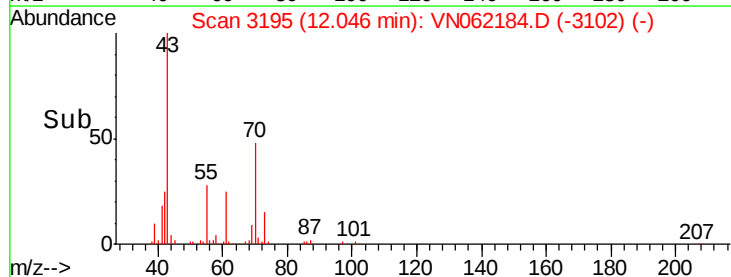
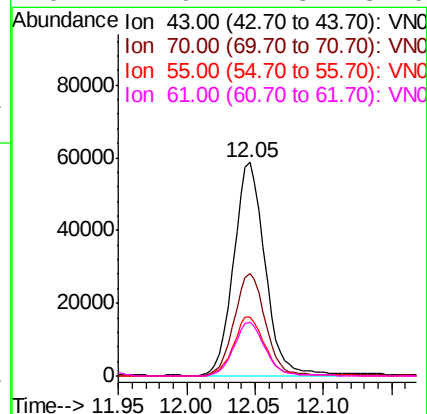
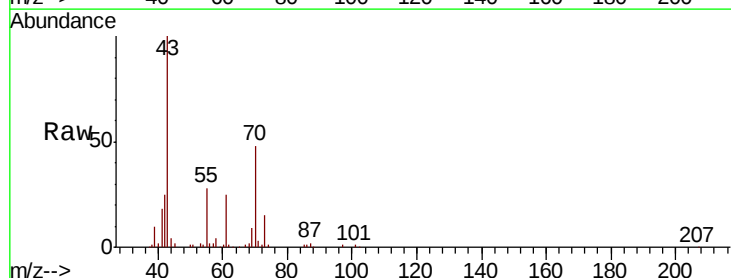
Ion Ratio Lower Upper

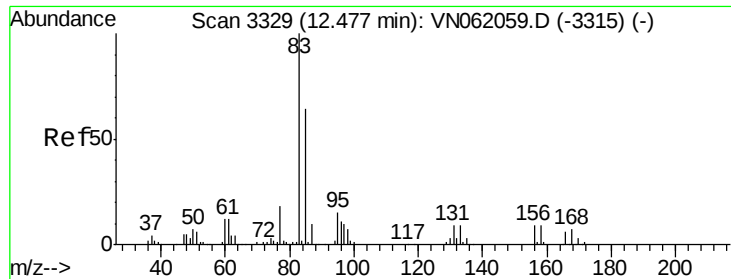
43 100

70 47.7 39.4 59.2

55 27.3 21.7 32.5

61 24.9 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.578 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

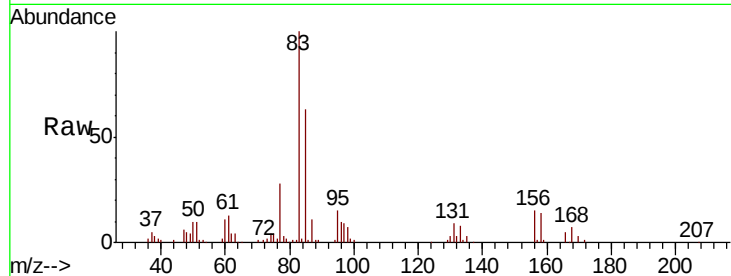
Tot Ion: 83 Resp: 91090

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.4

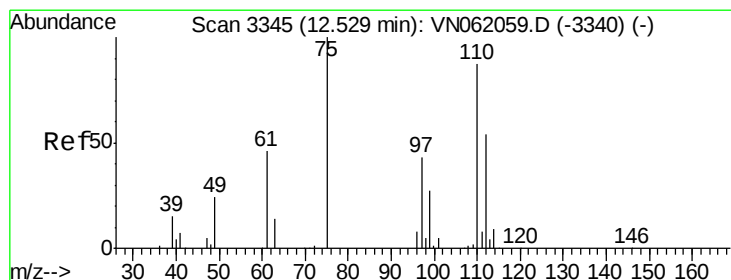
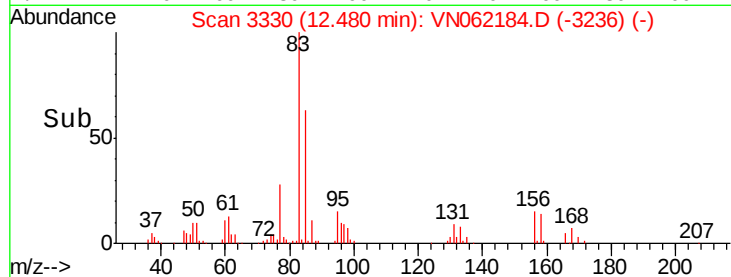
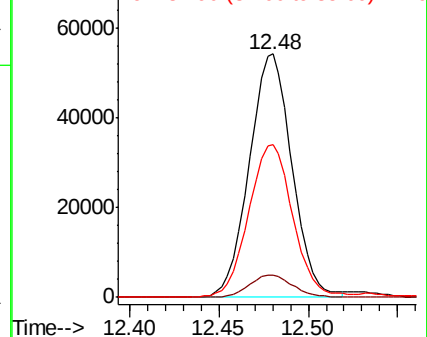
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.367 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062184.D

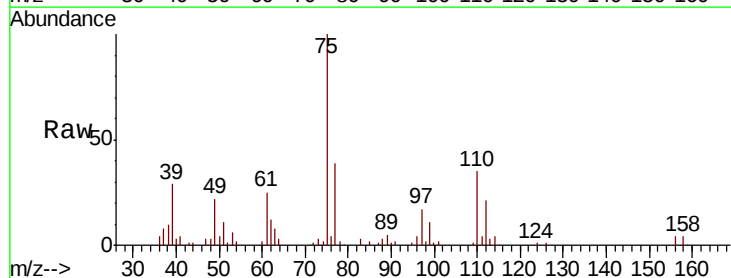
Acq: 29 Jun 2020 13:32

Tgt Ion: 75 Resp: 112110

Ion Ratio Lower Upper

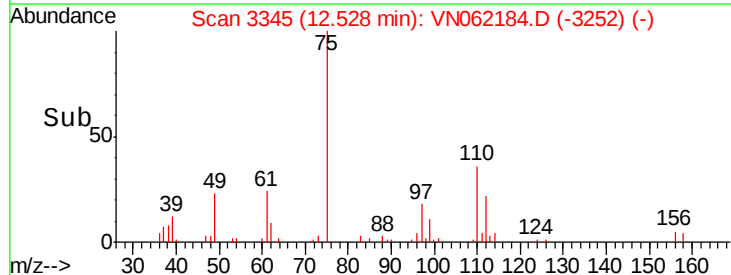
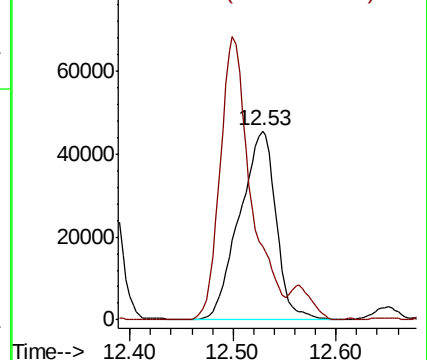
75 100

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: 18.721 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

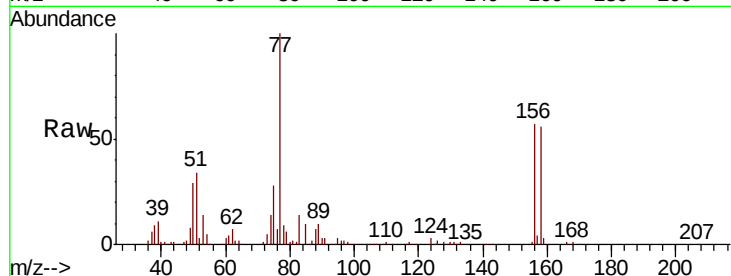
Tot Ion:156 Resp: 64984

Ion Ratio Lower Upper

156 100

77 218.2 104.6 313.8

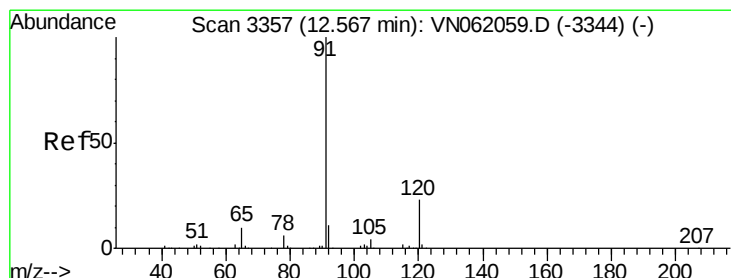
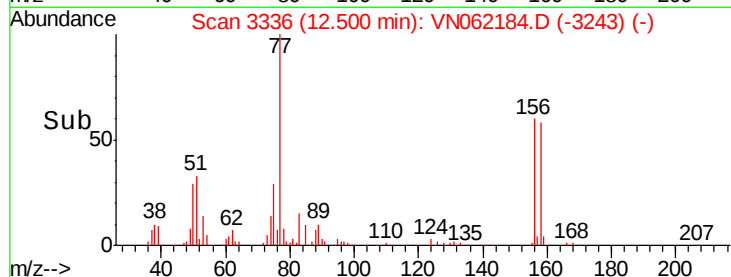
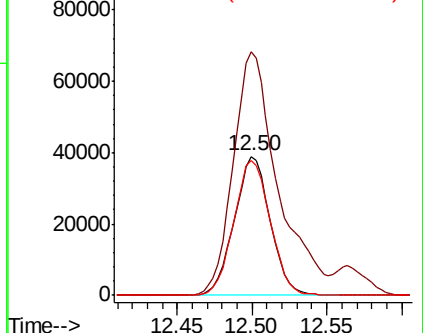
158 98.6 48.0 144.0



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: 20.139 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062184.D

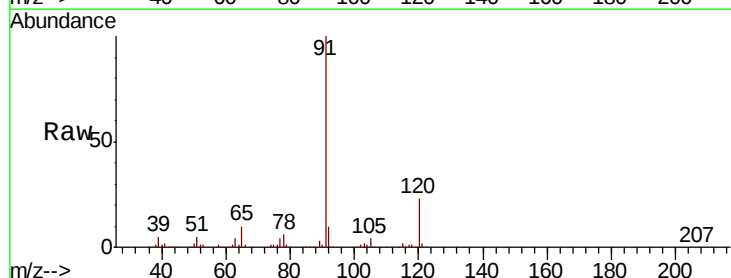
Acq: 29 Jun 2020 13:32

Tgt Ion: 91 Resp: 322068

Ion Ratio Lower Upper

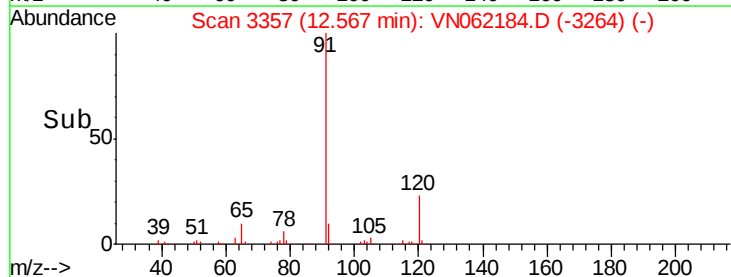
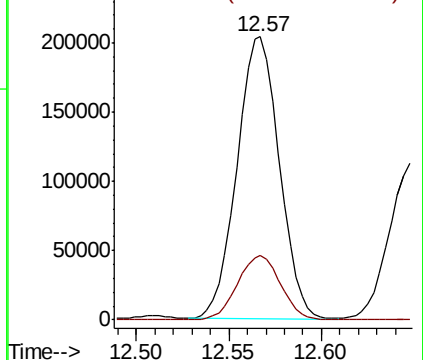
91 100

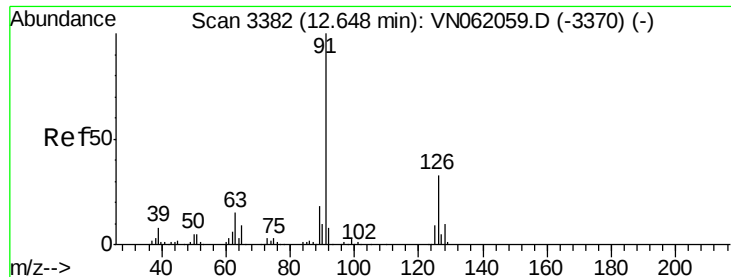
120 23.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

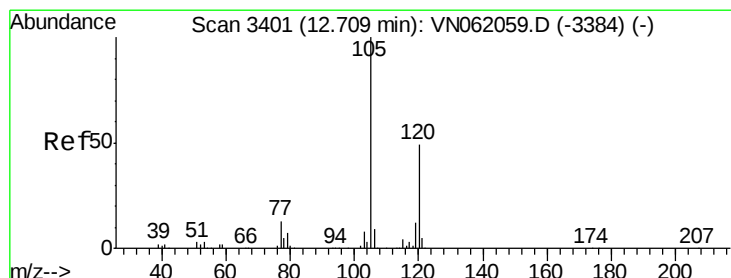
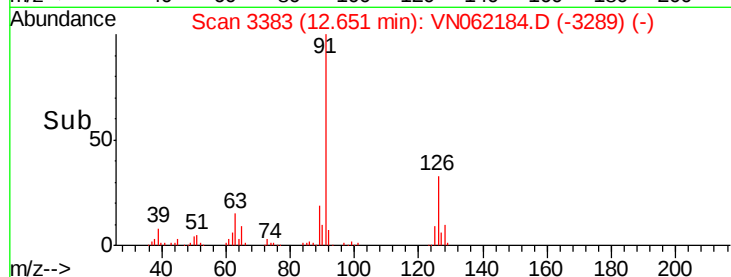
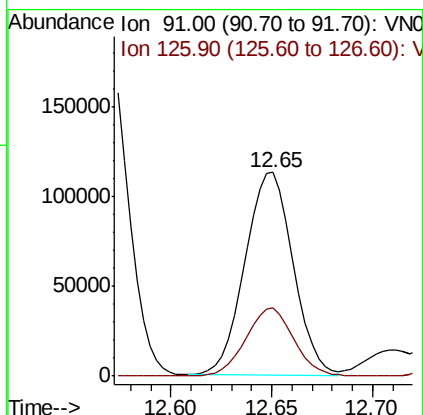
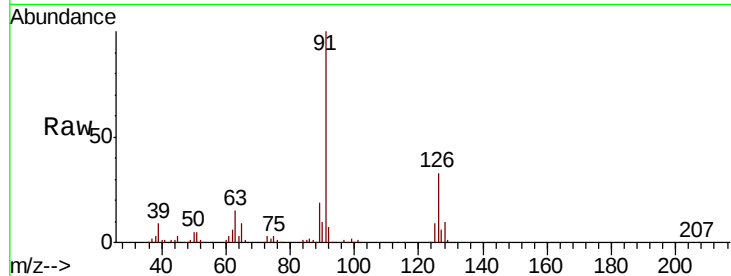




#79
 2-Chlorotoluene
 Concen: 19.502 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

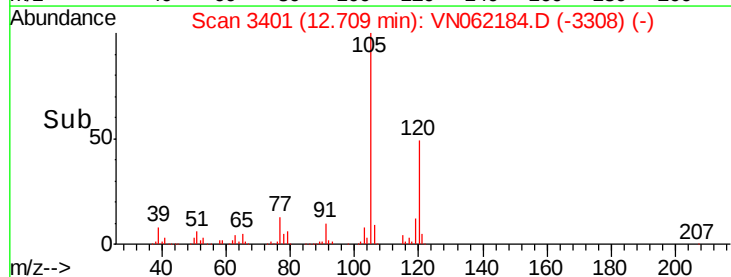
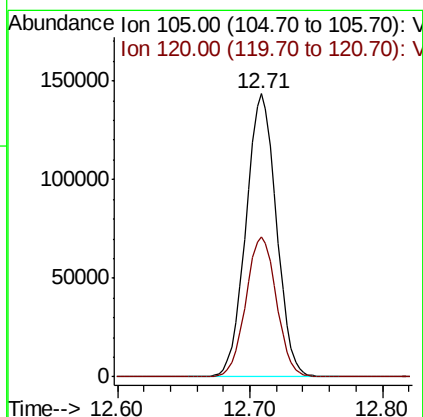
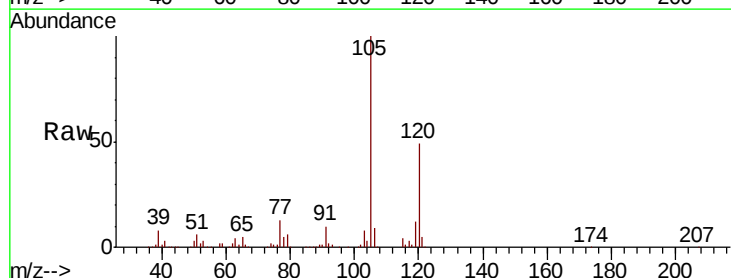
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

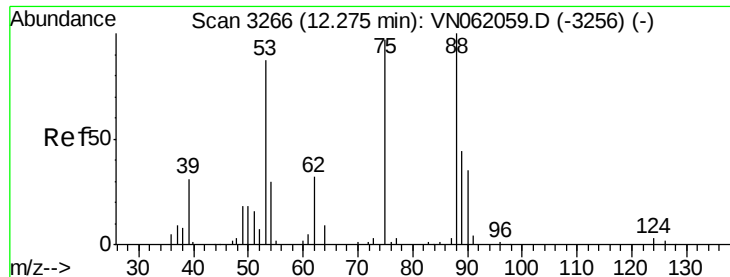
Tot Ion: 91 Resp: 188554
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.163 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion: 105 Resp: 228530
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.592 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

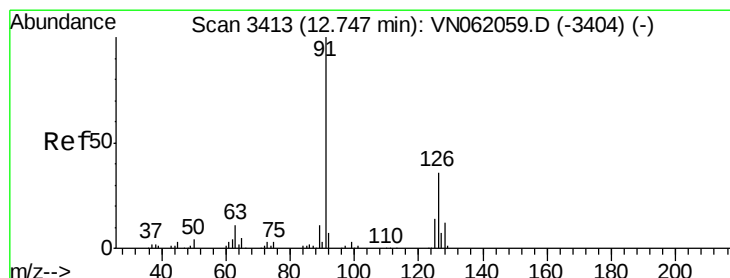
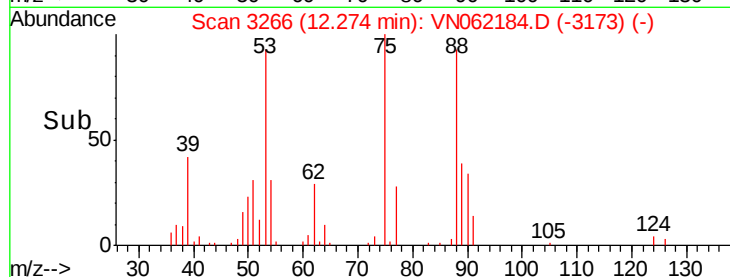
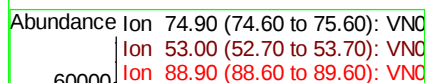
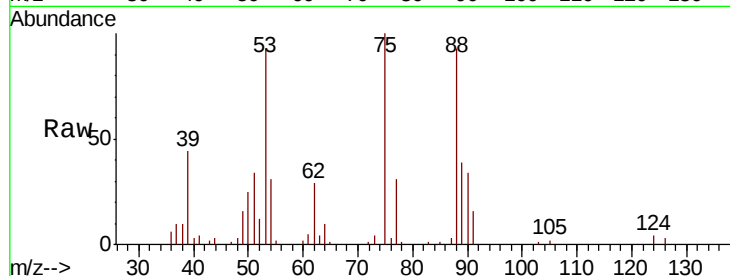
Tot Ion: 75 Resp: 28525

Ion Ratio Lower Upper

75 100

53 92.8 72.0 108.0

89 43.3 36.9 55.3



#82

4-Chlorotoluene

Concen: 19.380 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062184.D

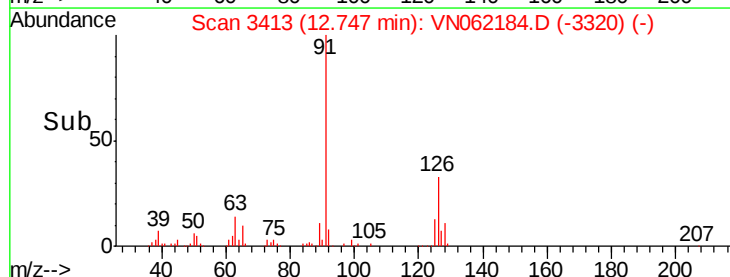
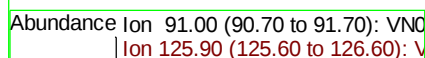
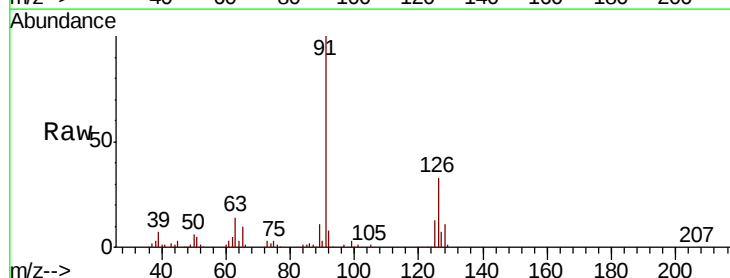
Acq: 29 Jun 2020 13:32

Tgt Ion: 91 Resp: 193759

Ion Ratio Lower Upper

91 100

126 32.8 16.7 50.1

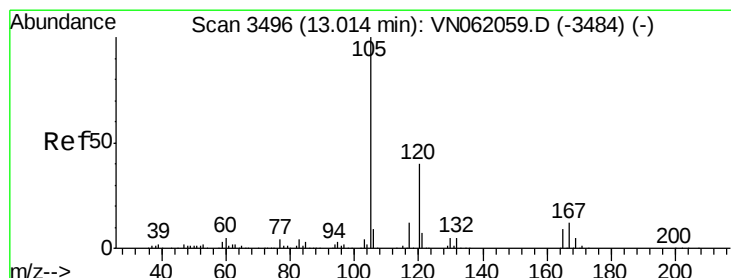
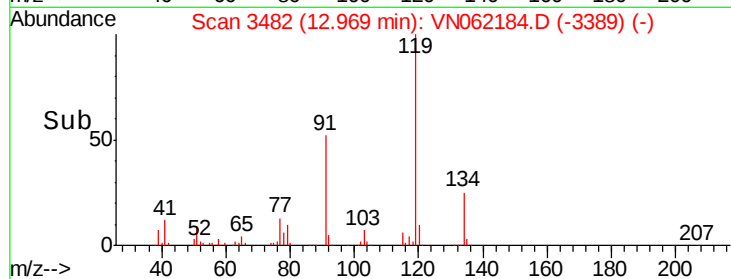
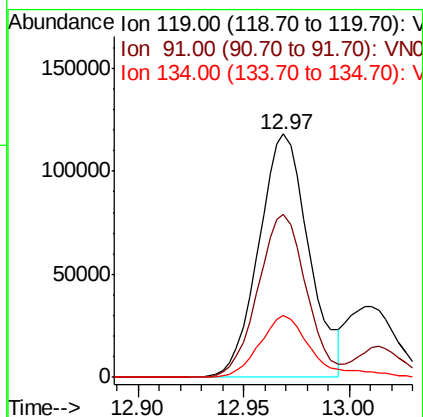
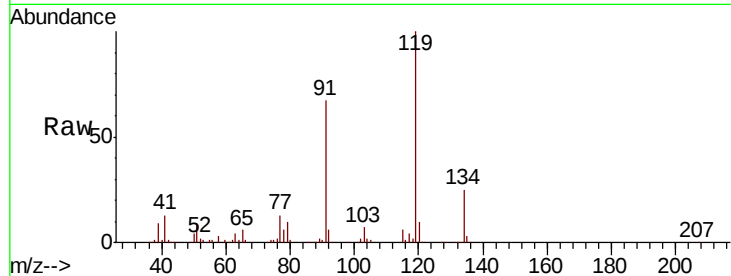




#83
 tert-Butylbenzene
 Concen: 20.156 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

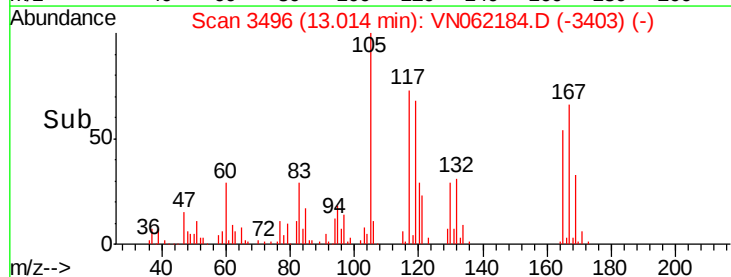
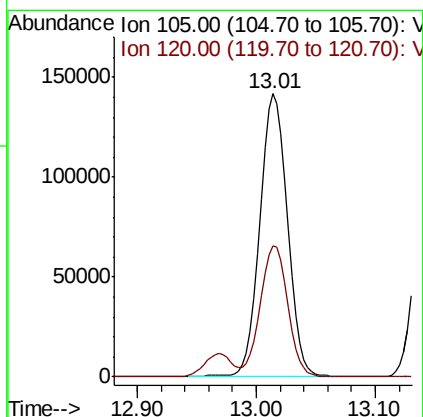
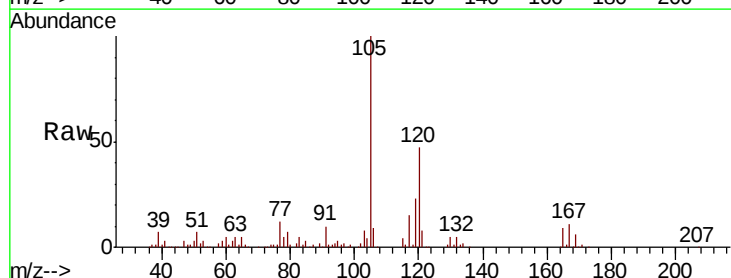
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion:119 Resp: 195503
 Ion Ratio Lower Upper
 119 100
 91 64.3 31.7 95.1
 134 26.6 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.169 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion:105 Resp: 228304
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 21.063 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

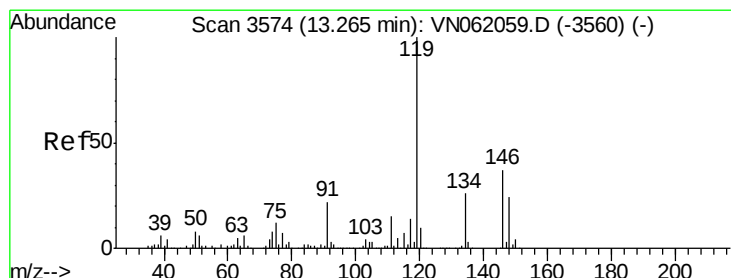
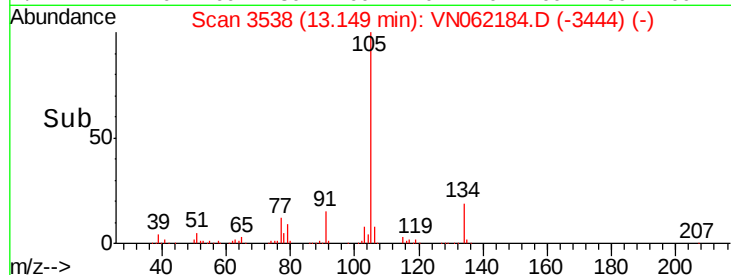
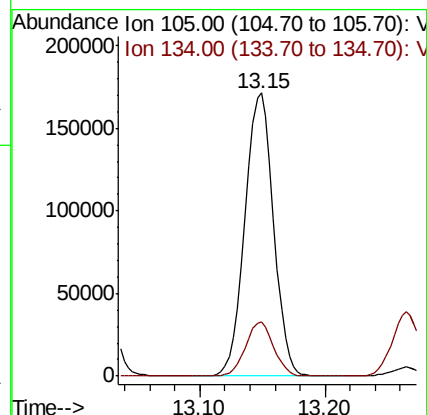
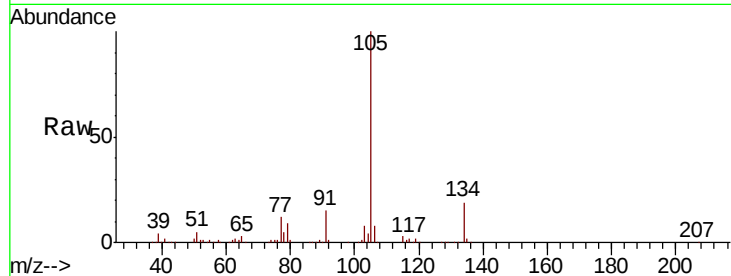
VN0629WBS01

Tot Ion:105 Resp: 269958

Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 20.862 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

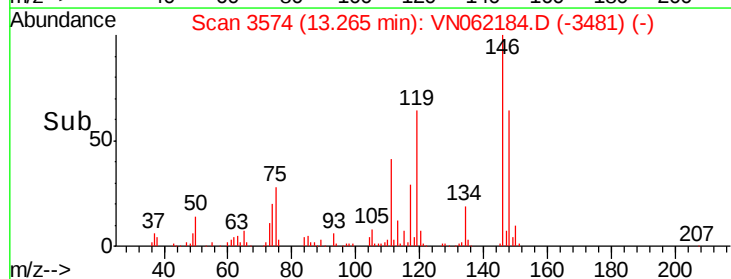
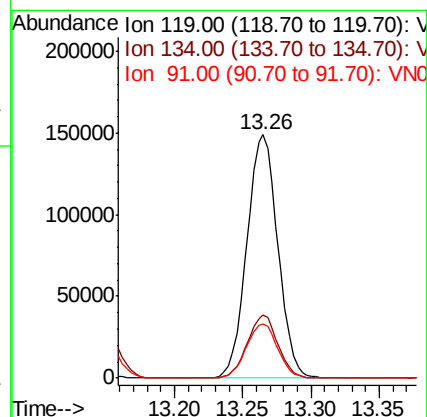
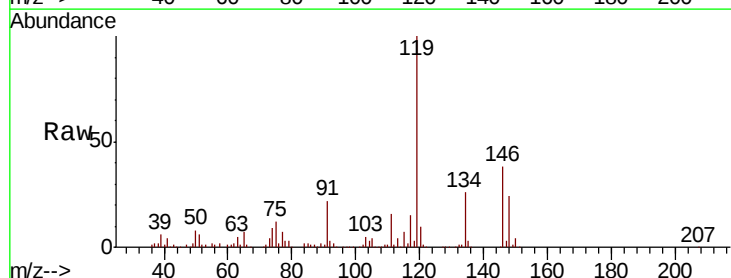
Tgt Ion:119 Resp: 234265

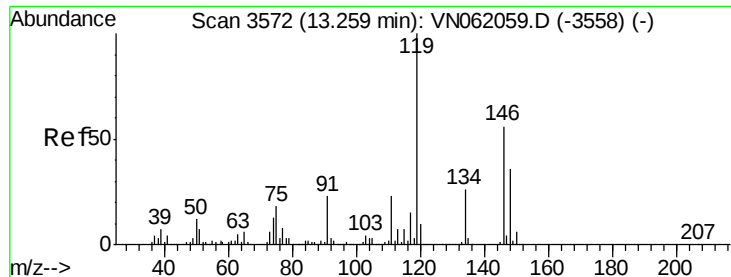
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.921 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

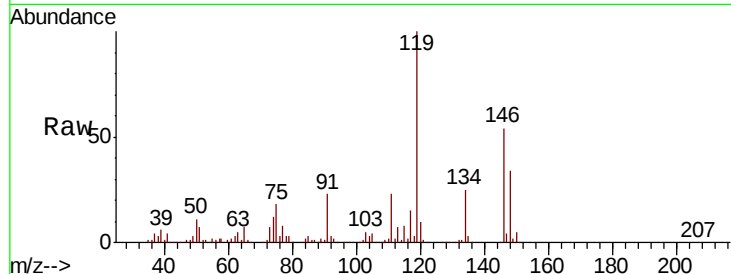
Tot Ion:146 Resp: 115326

Ion Ratio Lower Upper

146 100

111 41.9 20.3 61.0

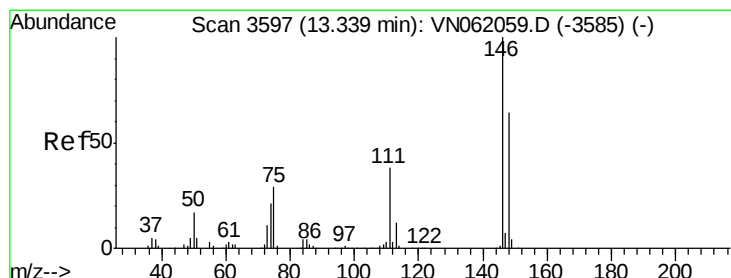
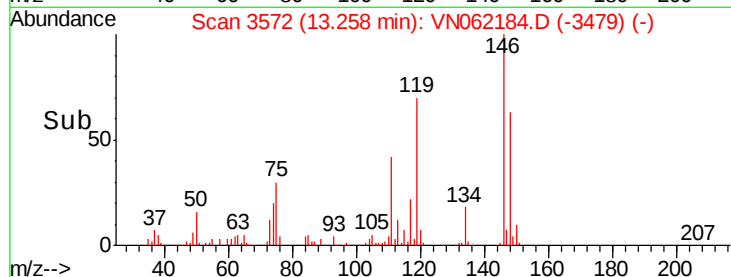
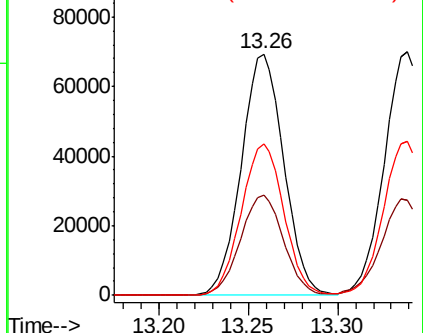
148 62.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.472 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

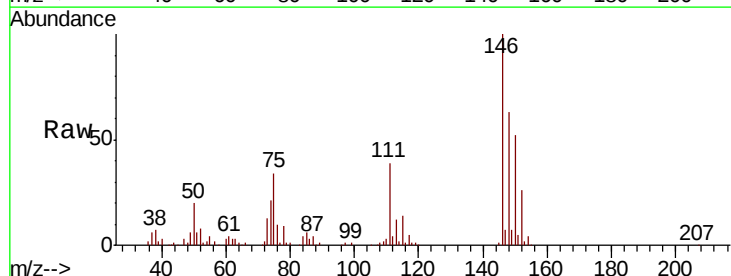
Tgt Ion:146 Resp: 116058

Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.6

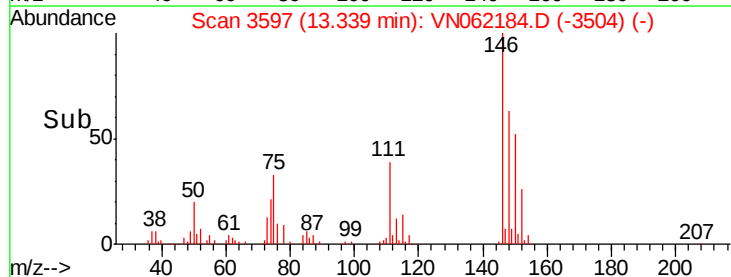
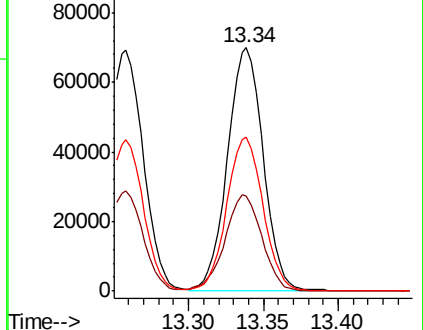
148 63.9 31.9 95.9

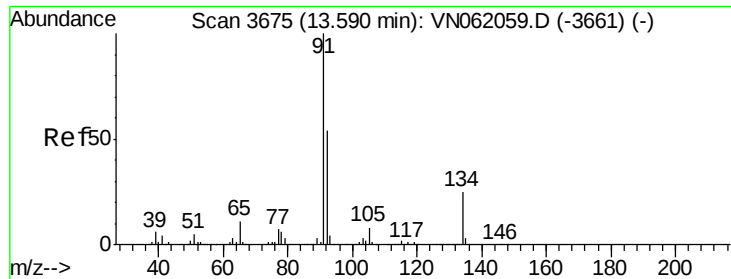


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

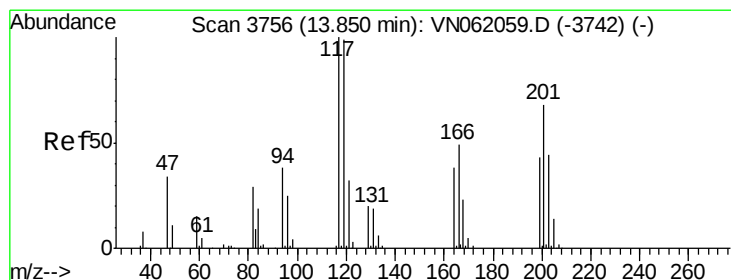
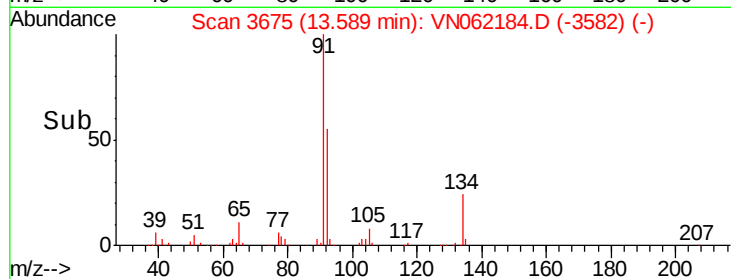
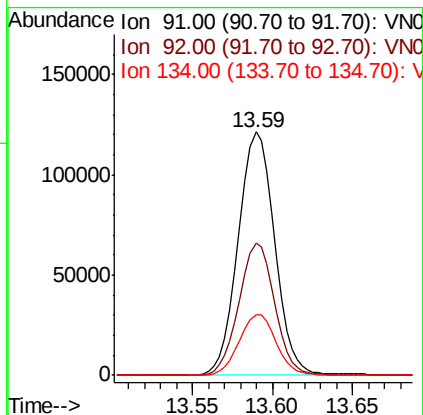
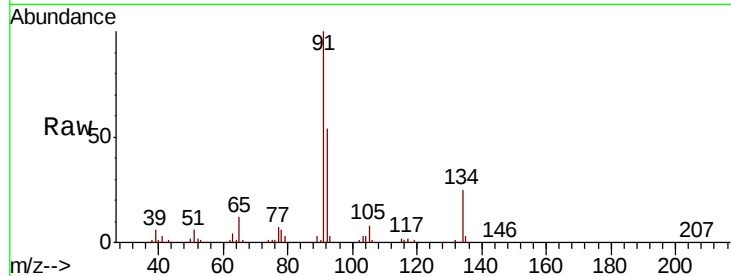




#89
n-Butylbenzene
Concen: 20.207 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

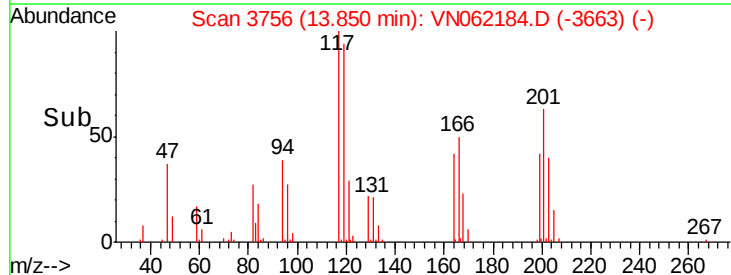
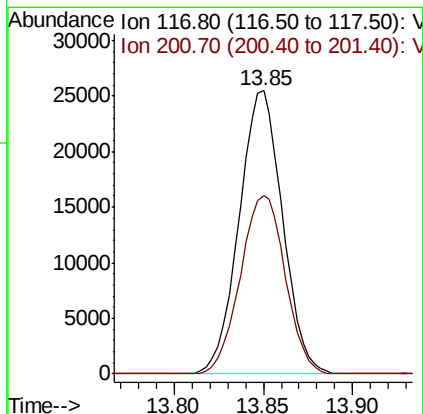
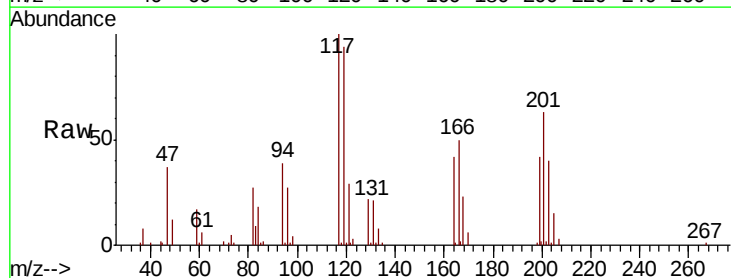
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

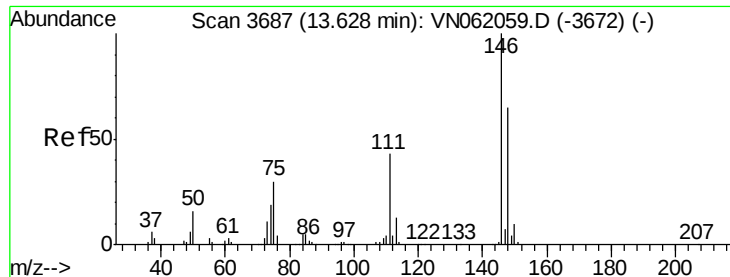
Tot Ion: 91 Resp: 188646
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.7
134 25.3 12.3 36.9



#90
Hexachloroethane
Concen: 19.700 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 117 Resp: 43402
Ion Ratio Lower Upper
117 100
201 65.0 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 19.144 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

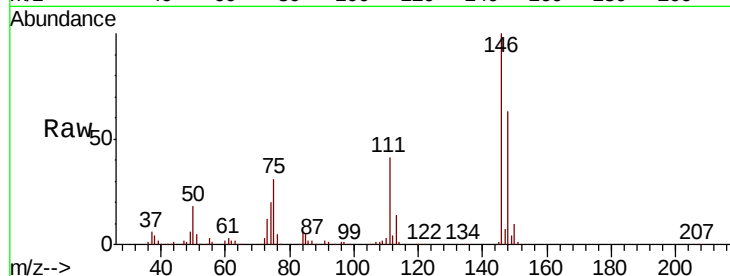
Tot Ion:146 Resp: 113155

Ion Ratio Lower Upper

146 100

111 41.8 21.2 63.6

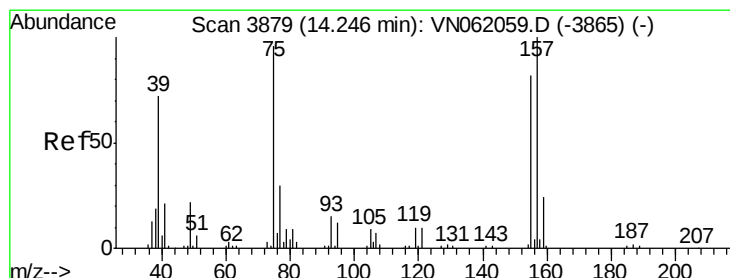
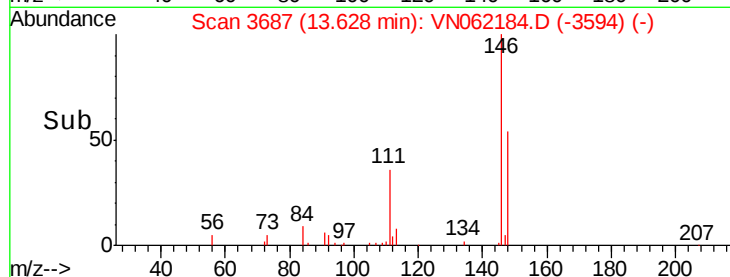
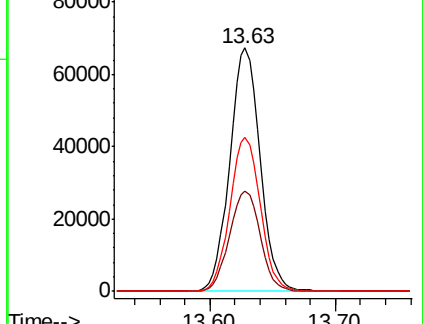
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.264 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

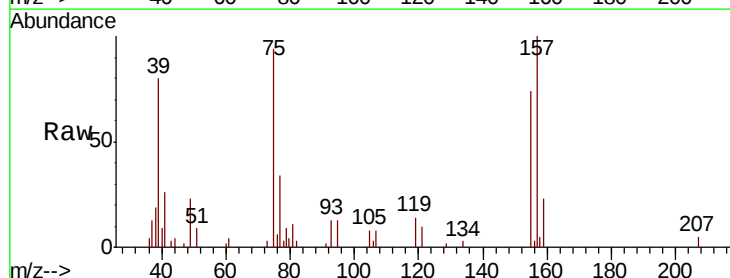
Tgt Ion: 75 Resp: 14358

Ion Ratio Lower Upper

75 100

155 78.0 40.8 122.4

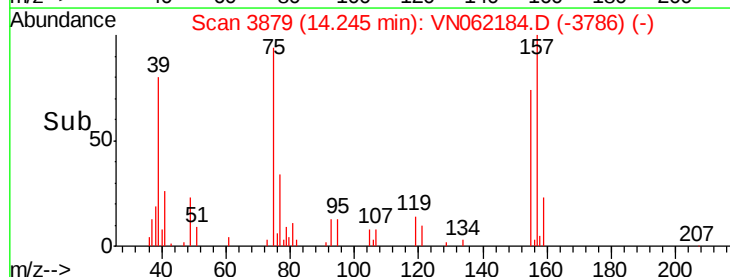
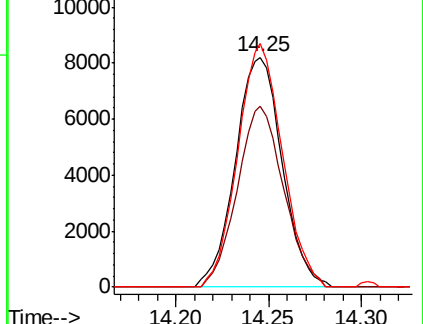
157 101.2 51.4 154.3

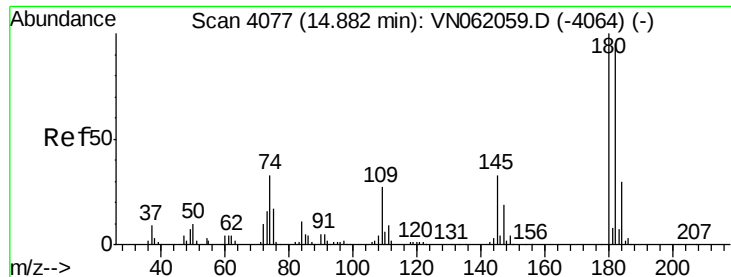


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

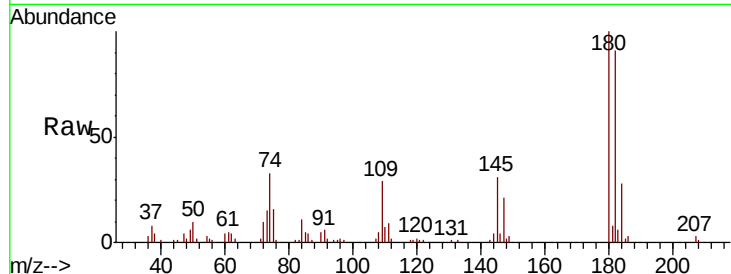




#93
 1,2,4-Trichlorobenzene
 Concen: 19.412 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.0	144.2
145	30.5	16.0	48.0

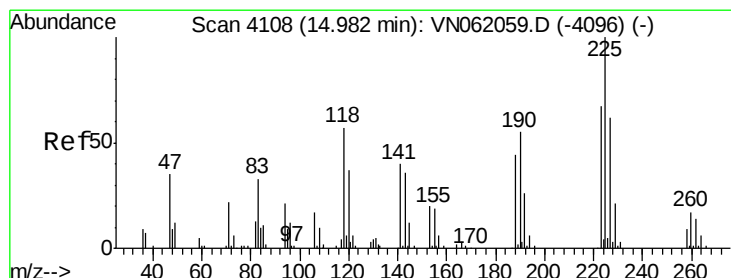
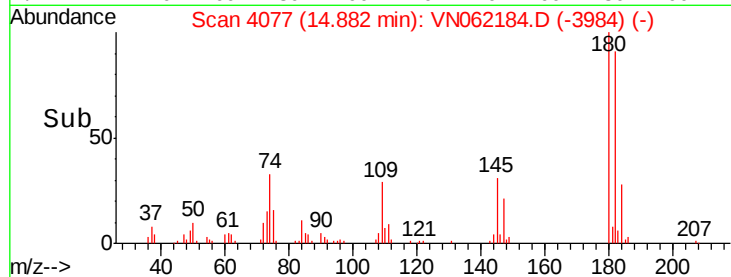
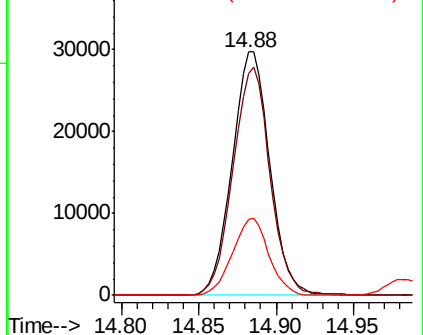


Abundance

Ion 179.80 (179.50 to 180.50): V

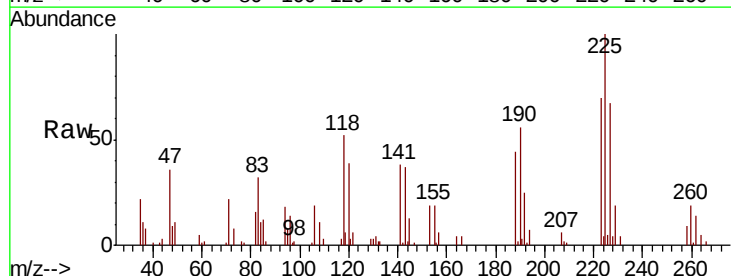
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.498 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.9	98.7
227	62.4	31.3	93.8

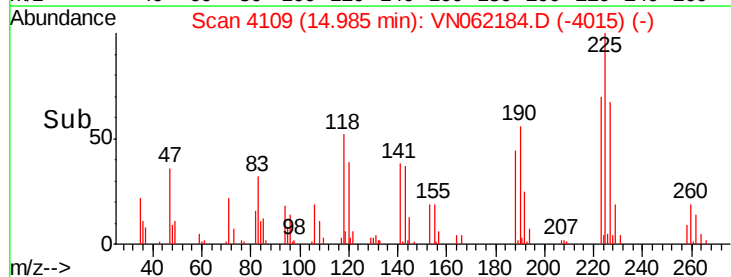
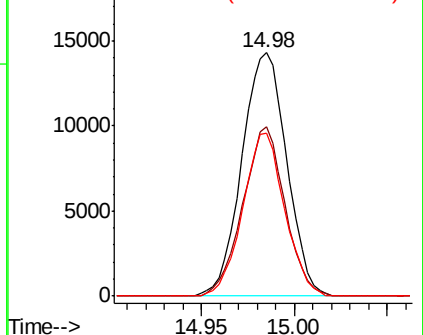


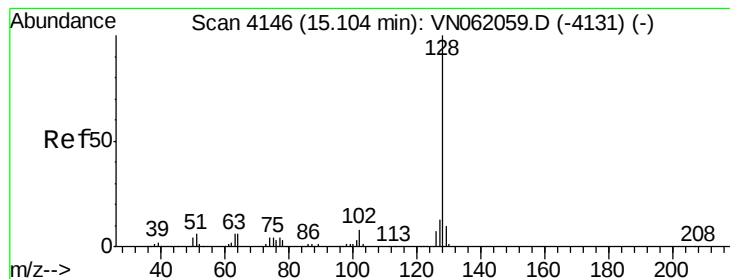
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.738 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS01

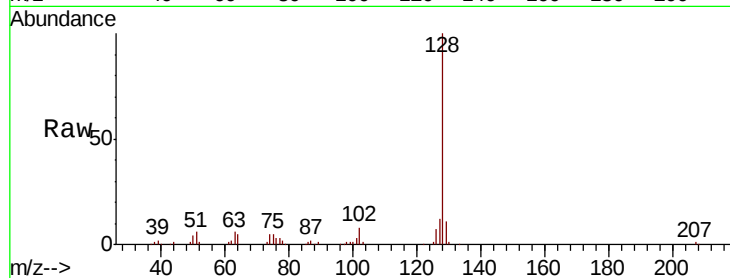
Tot Ion:128 Resp: 137945

Ion Ratio Lower Upper

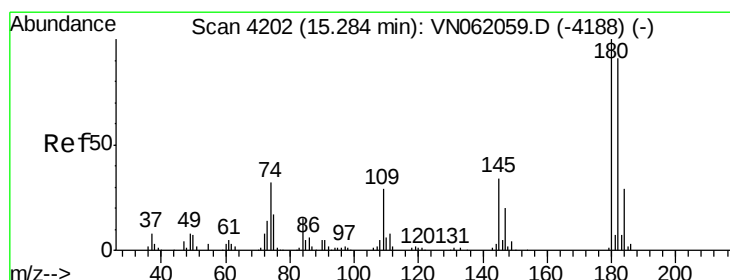
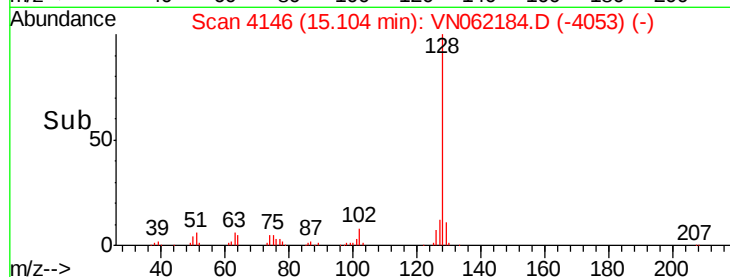
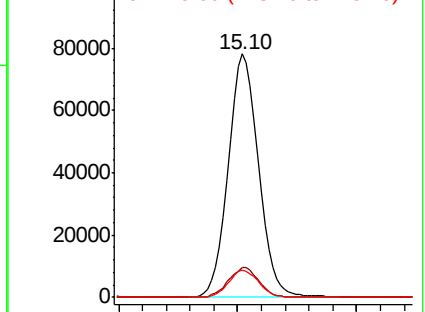
128 100

127 12.2 10.5 15.7

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.806 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

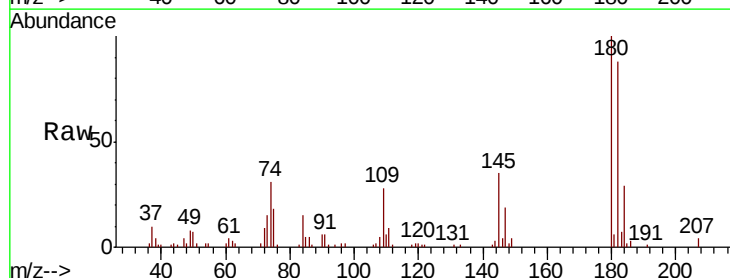
Tgt Ion:180 Resp: 49652

Ion Ratio Lower Upper

180 100

182 94.3 46.8 140.4

145 35.2 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

