

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063774.D
 Acq On : 1 Oct 2020 16:10
 Operator : JC/MD
 Sample : L4190-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Oct 02 02:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	188487	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
35) Dibromofluoromethane	7.55	113	135075	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	10.06	98	517123	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.38	95	204821	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	

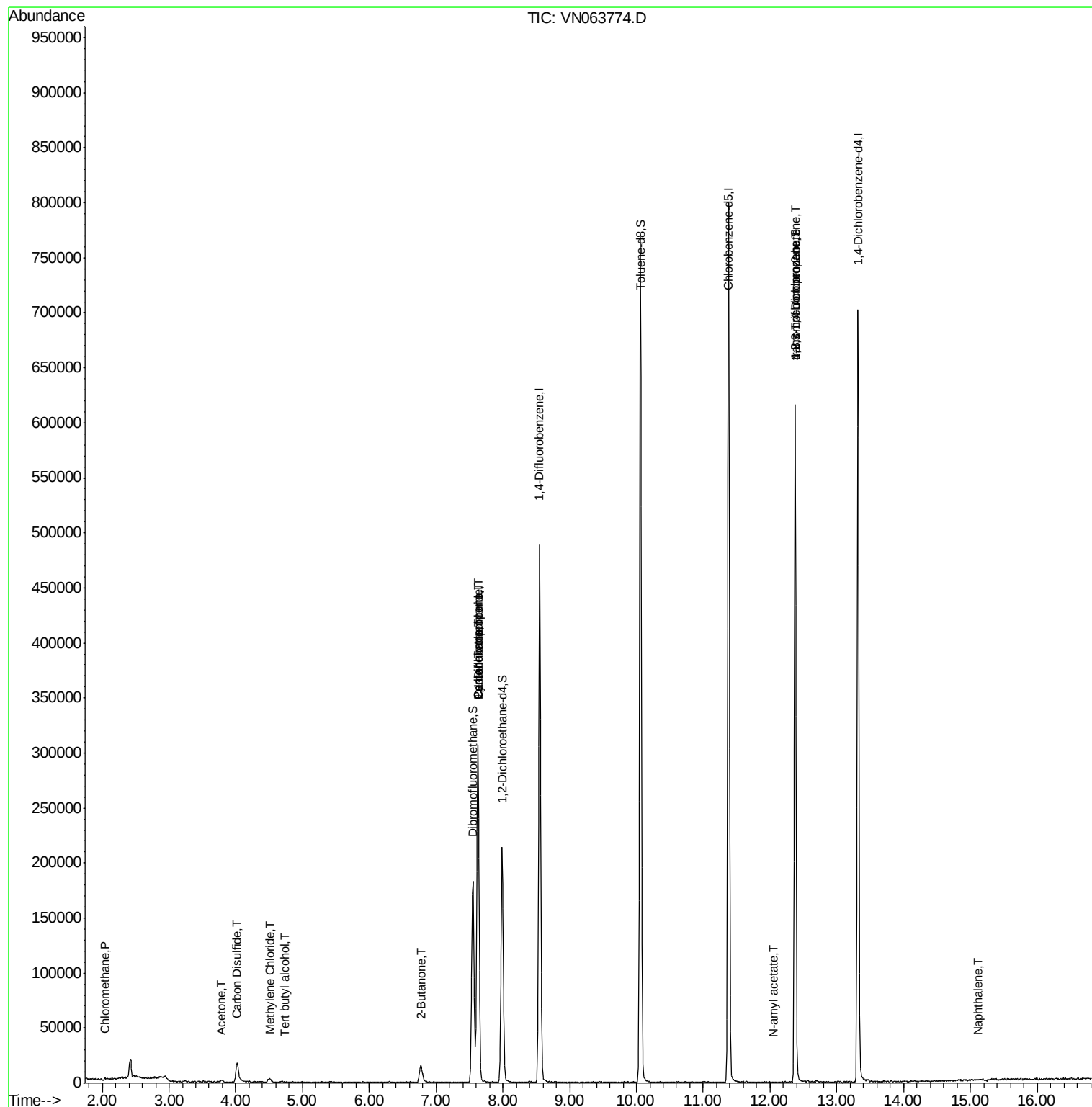
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1598	0.586	ug/l	92
11) Tert butyl alcohol	4.73	59	179	0.445	ug/l #	71
16) Acetone	3.79	43	1966	1.754	ug/l #	82
17) Carbon Disulfide	4.02	76	152	0.726	ug/l #	76
20) Methylene Chloride	4.50	84	2368	1.018	ug/l #	77
25) 2-Butanone	6.76	43	506	0.318	ug/l #	51
31) Cyclohexane	7.62	56	6794	1.607	ug/l #	42
36) 1,1-Dichloropropene	7.62	75	20282	4.932	ug/l #	51
38) Carbon Tetrachloride	7.63	117	25968	5.631	ug/l #	13
74) N-amyl acetate	12.05	43	60	2.226	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	118092	31.334	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118092	90.246	ug/l #	6
95) Naphthalene	15.11	128	33	1.928	ug/l #	69

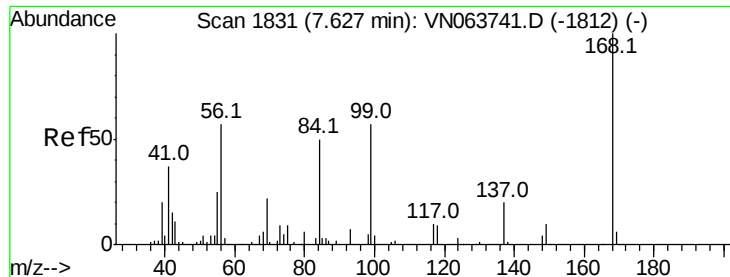
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063774.D

Acq: 1 Oct 2020 16:10

Instrument :

MSVOA_N

ClientSampled :

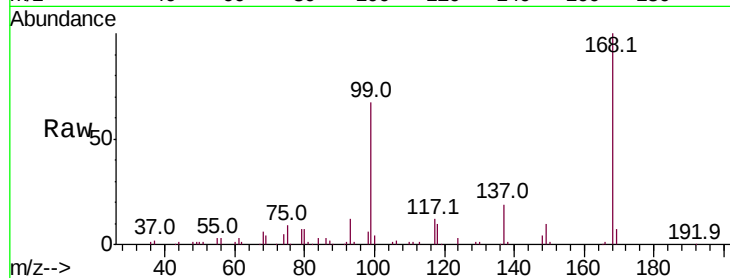
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Tot Ion:168 Resp: 220426

Ion Ratio Lower Upper

168 100

99 67.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

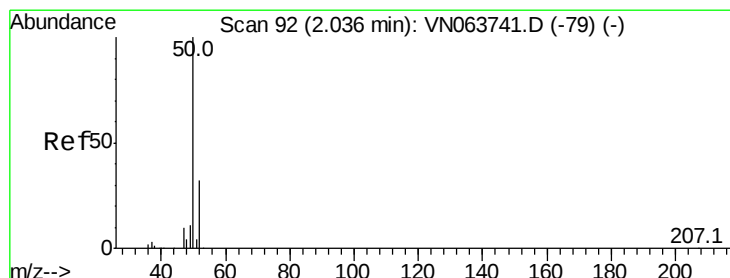
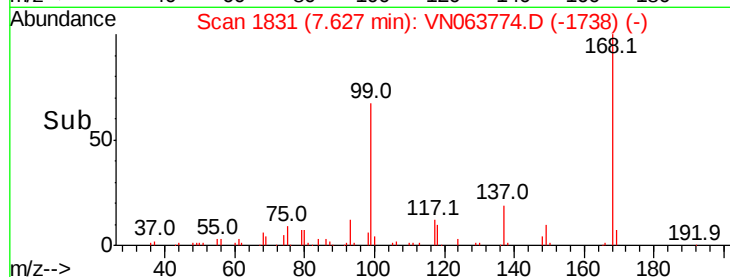
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.586 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063774.D

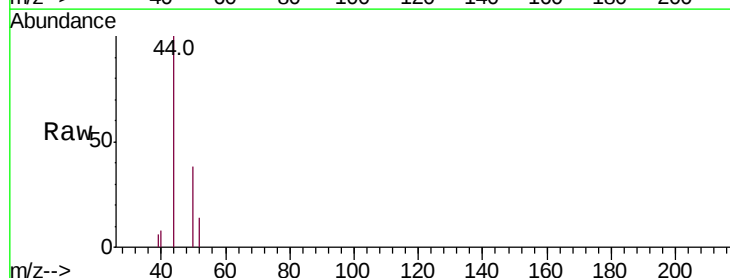
Acq: 1 Oct 2020 16:10

Tgt Ion: 50 Resp: 1598

Ion Ratio Lower Upper

50 100

52 36.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

1000

800

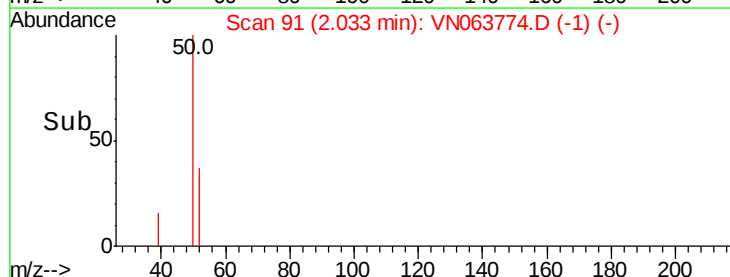
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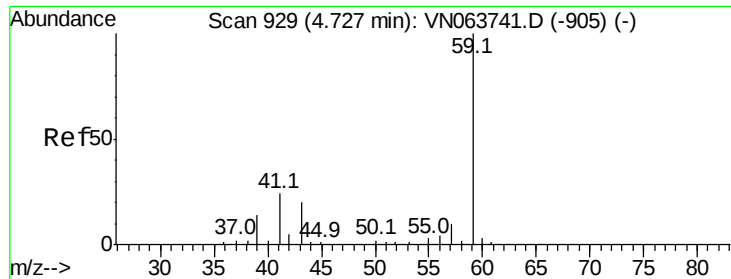
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08

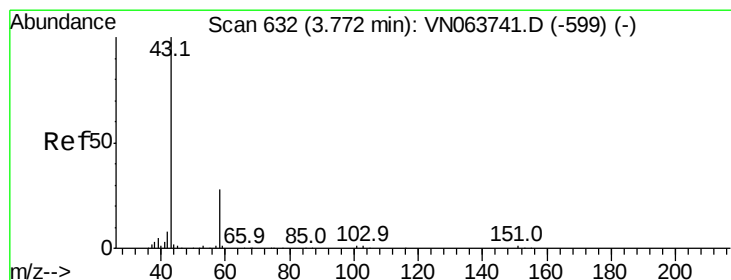
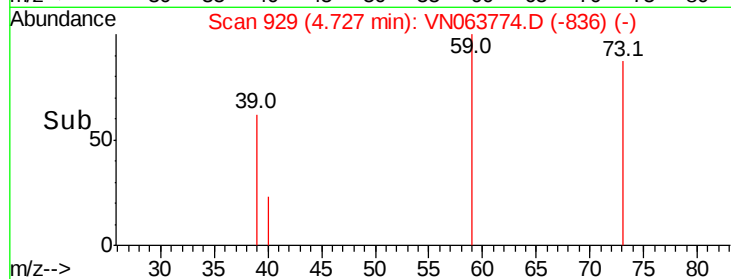
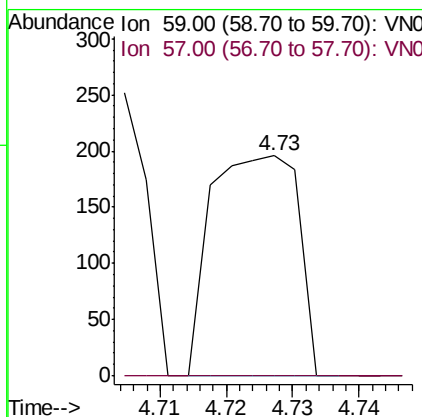
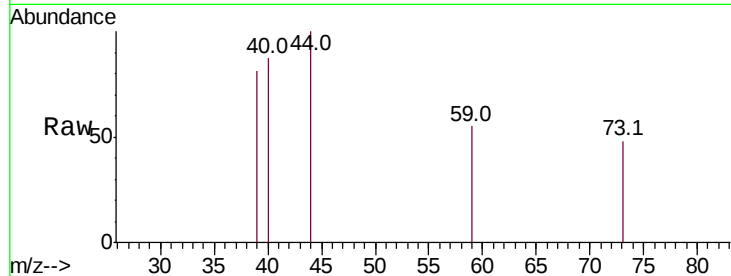




#11
Tert butyl alcohol
Concen: 0.445 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

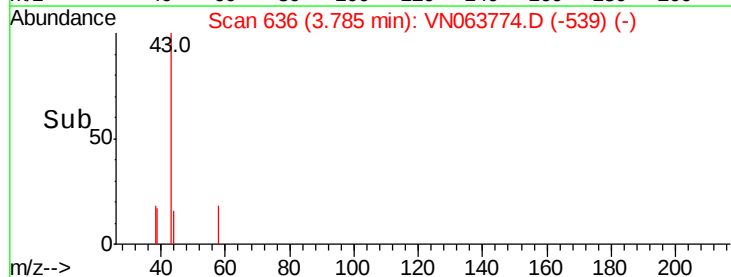
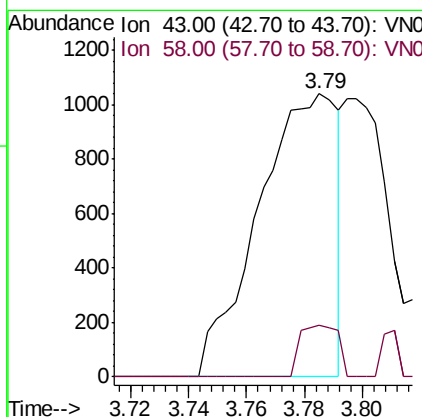
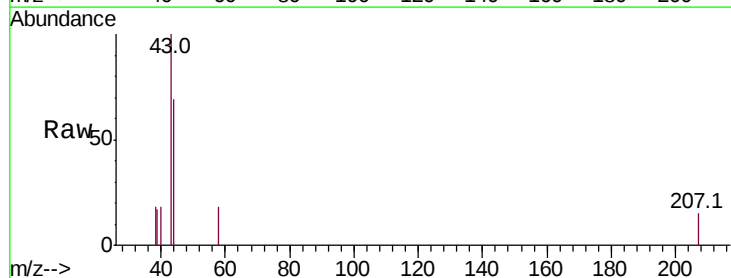
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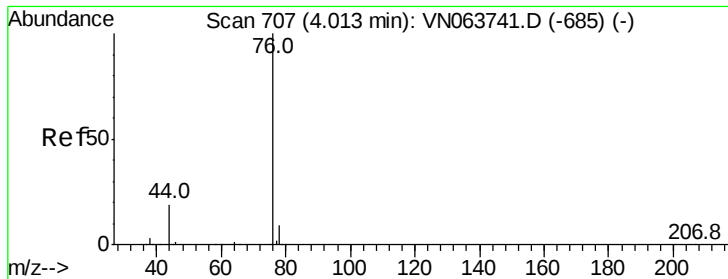
Tot Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 1.754 ug/l
RT: 3.79 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Tgt Ion: 43 Resp: 1966
Ion Ratio Lower Upper
43 100
58 18.2 22.3 33.5#

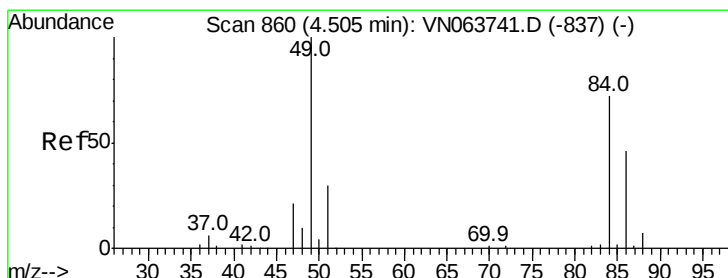
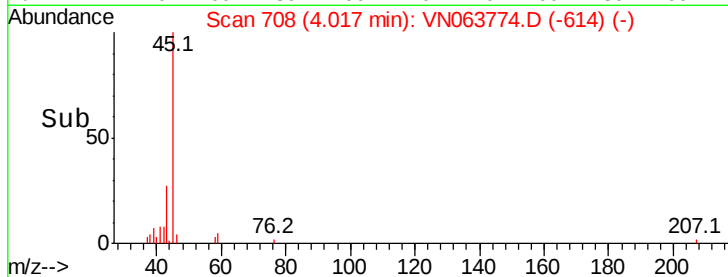
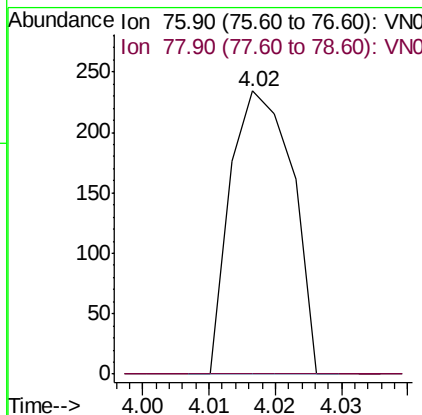
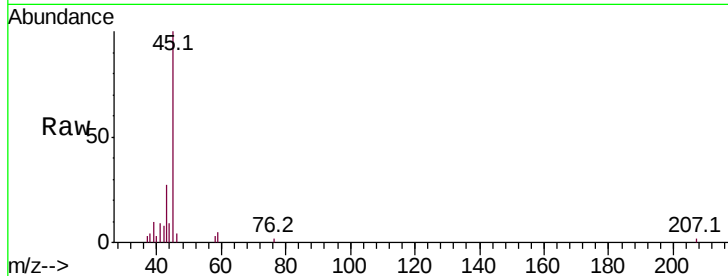




#17
Carbon Disulfide
Concen: 0.726 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

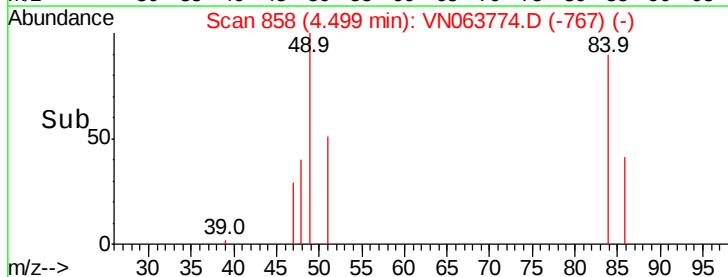
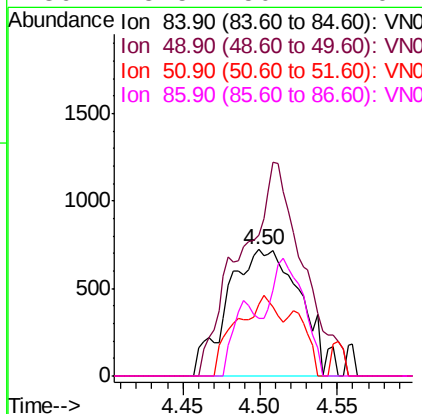
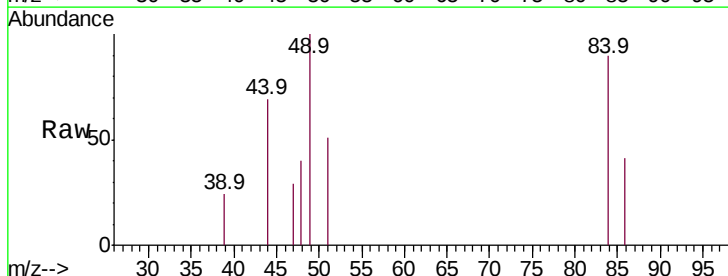
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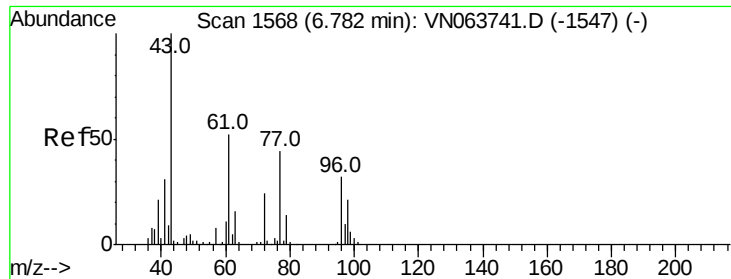
Tot Ion: 76 Resp: 152
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 1.018 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Tgt Ion: 84 Resp: 2368
Ion Ratio Lower Upper
84 100
49 111.5 110.4 165.6
51 57.0 33.3 49.9#
86 45.5 50.7 76.1#

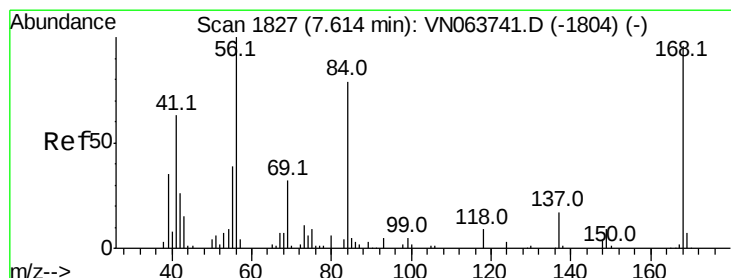
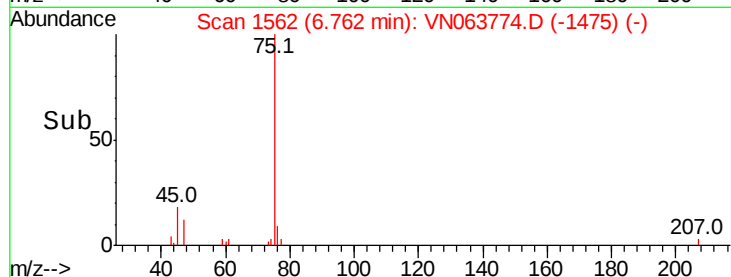
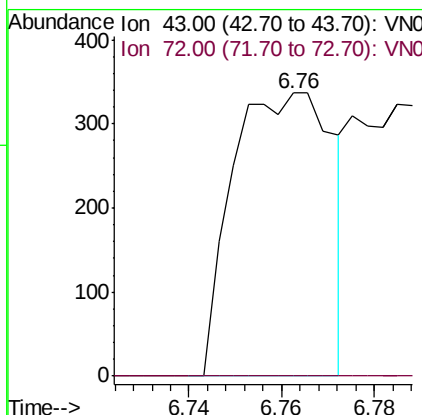
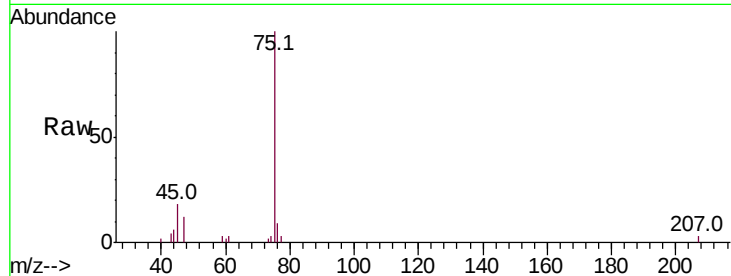




#25
2-Butanone
Concen: 0.318 ug/l
RT: 6.76 min Scan# 1562
Delta R.T. -0.02 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

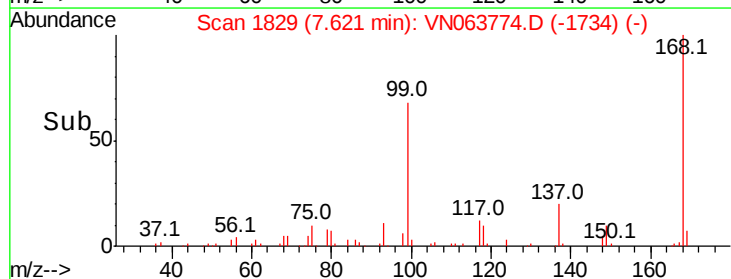
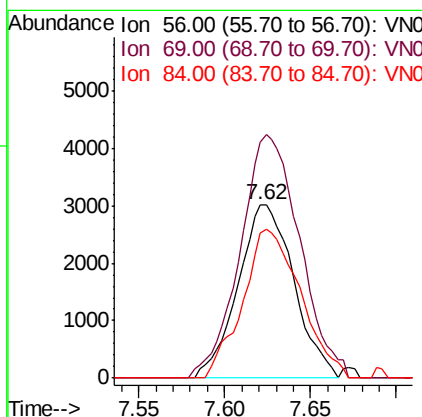
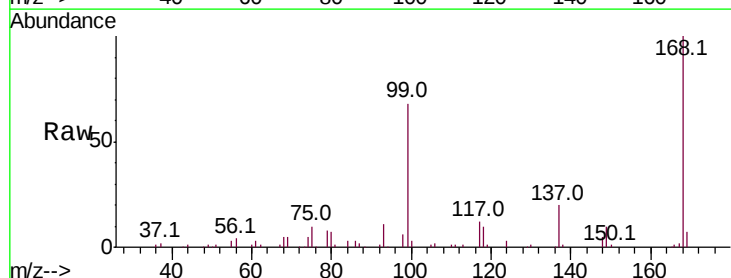
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ClientSampled :
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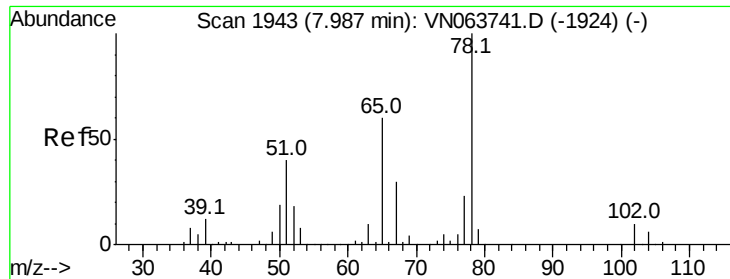
Tot Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 1.607 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Tgt Ion: 56 Resp: 6794
Ion Ratio Lower Upper
56 100
69 136.1 25.4 38.2#
84 83.9 63.3 94.9

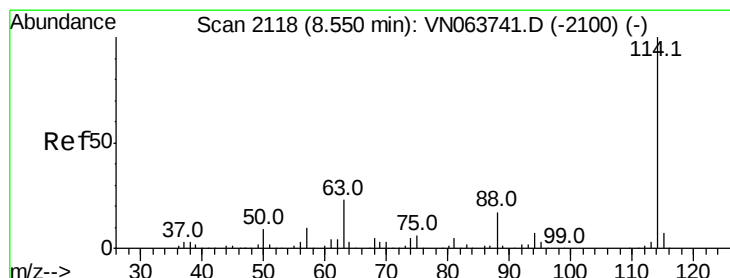
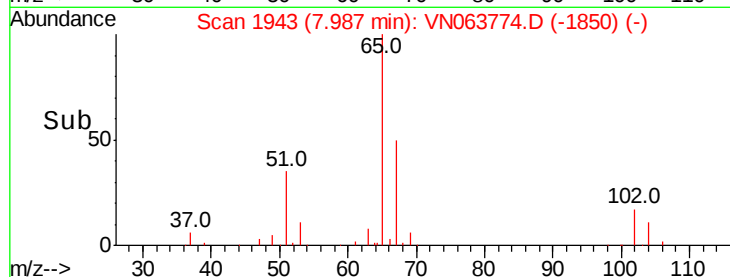
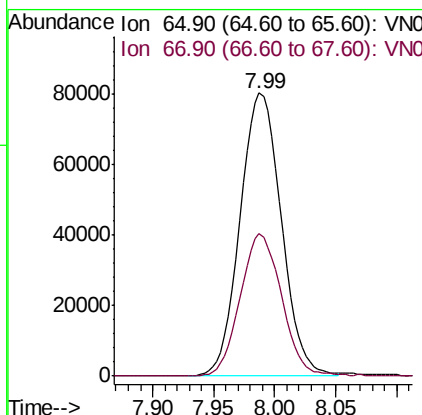
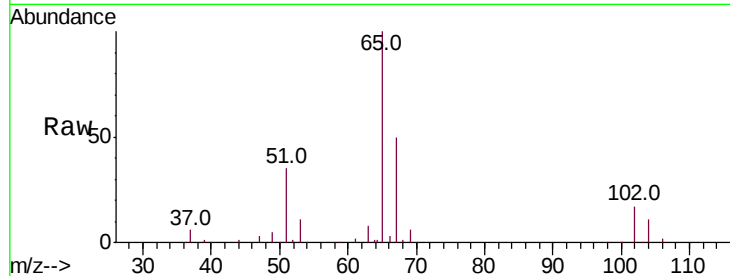




#33
 1,2-Dichloroethane-d4
 Concen: 51.760 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063774.D
 Acq: 1 Oct 2020 16:10

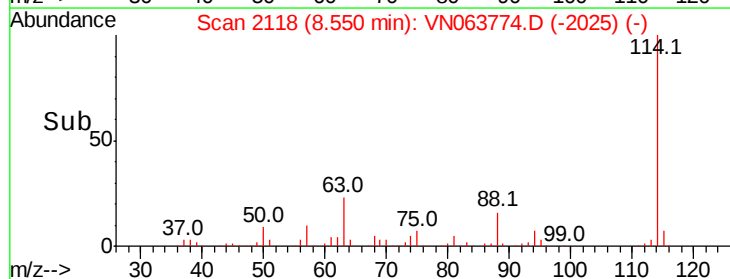
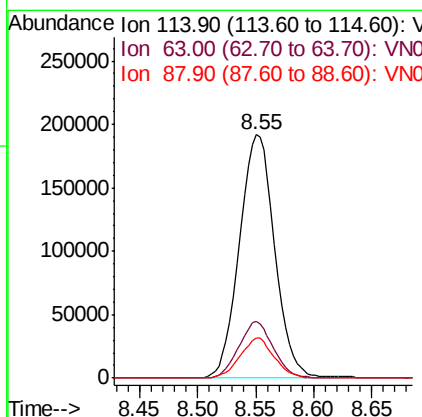
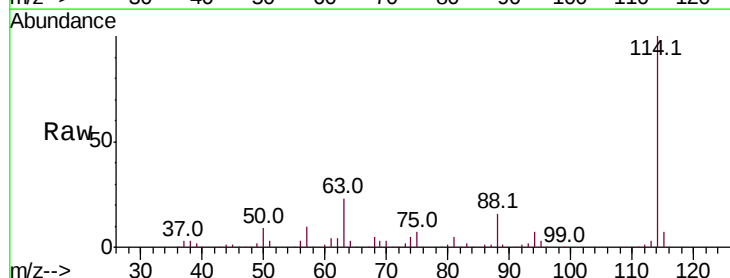
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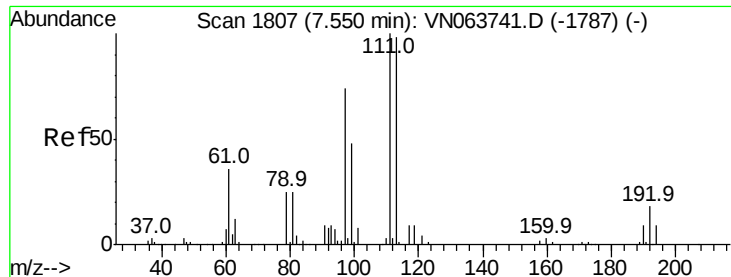
Tot Ion: 65 Resp: 188487
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063774.D
 Acq: 1 Oct 2020 16:10

Tgt Ion: 114 Resp: 405918
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 16.4 0.0 34.0

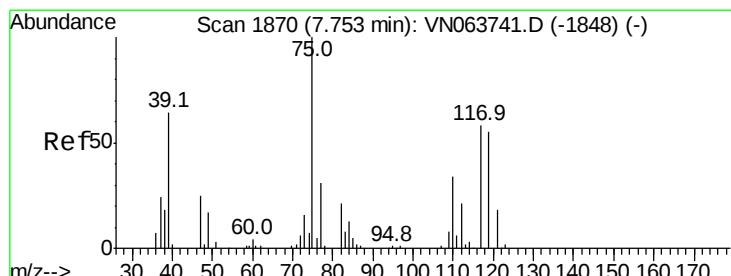
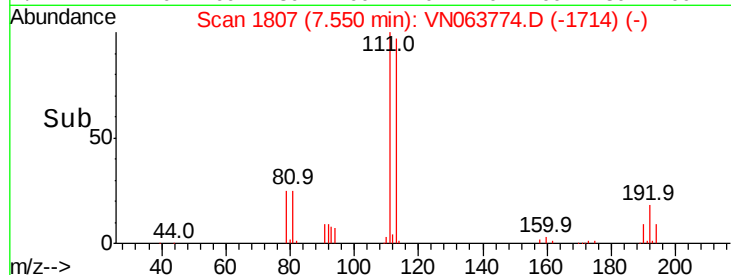
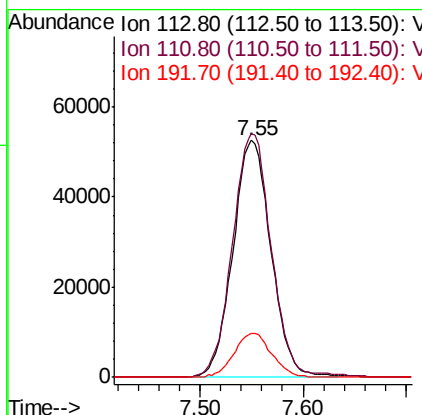
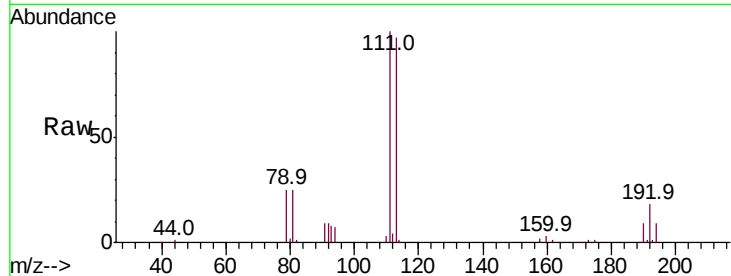




#35
 Dibromofluoromethane
 Concen: 47.957 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063774.D
 Acq: 1 Oct 2020 16:10

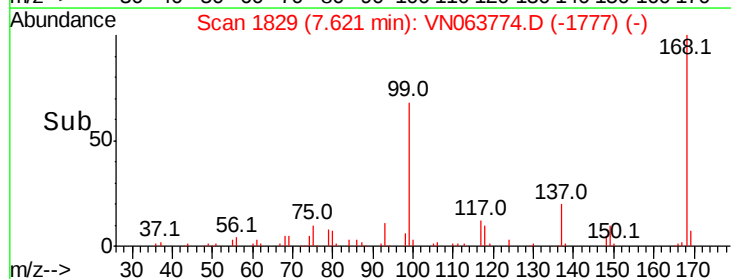
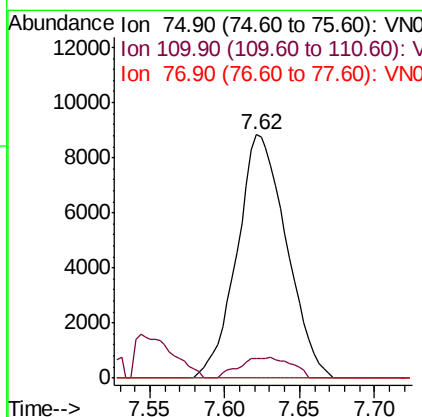
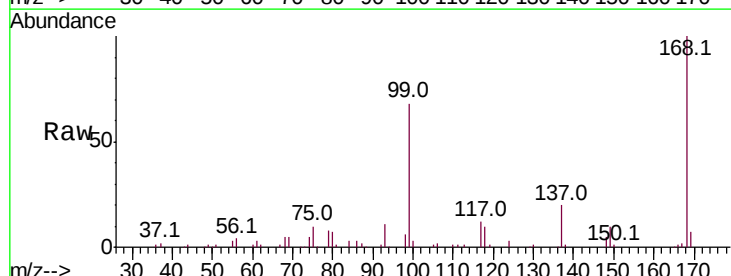
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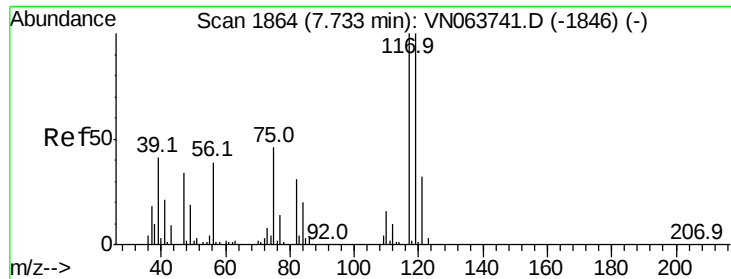
Tot Ion:113 Resp: 135075
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.8
 192 18.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.932 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN063774.D
 Acq: 1 Oct 2020 16:10

Tgt Ion: 75 Resp: 20282
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.9 50.6#
 77 0.0 24.5 36.7#

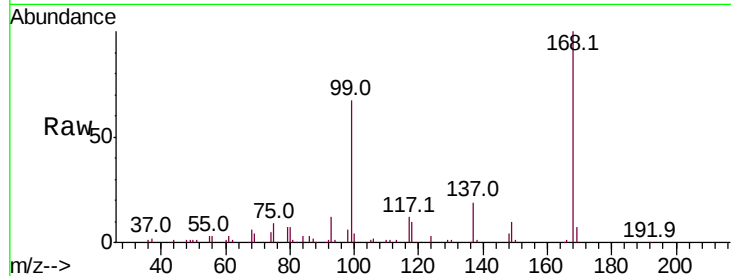




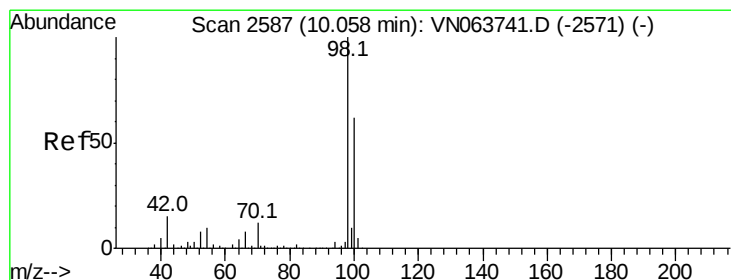
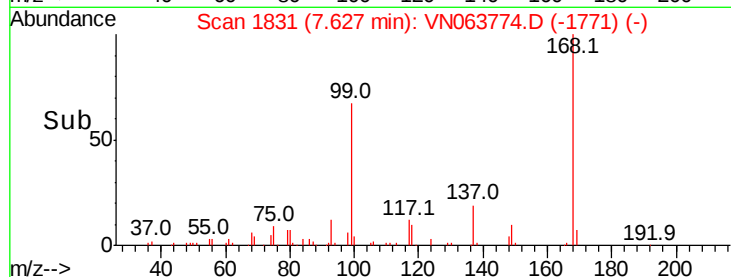
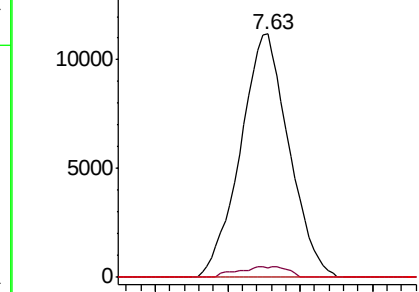
#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Instrument :
MSVOA_N
ClientSampled :
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Tot Ion:117 Resp: 25968
Ion Ratio Lower Upper
117 100
119 4.0 80.1 120.1#
121 0.0 25.7 38.5#

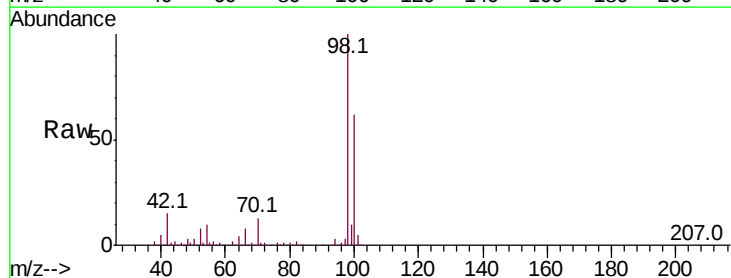


Abundance Ion 116.80 (116.50 to 117.50): V
15000 Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

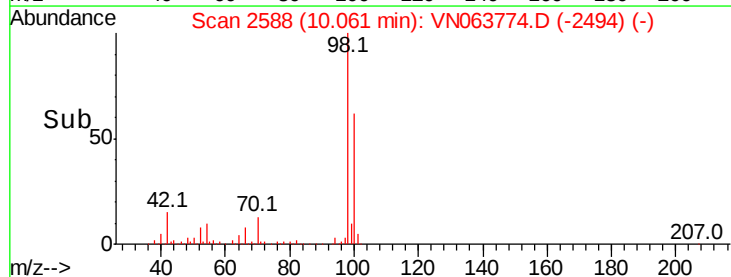
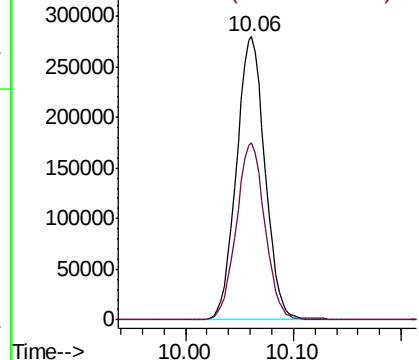


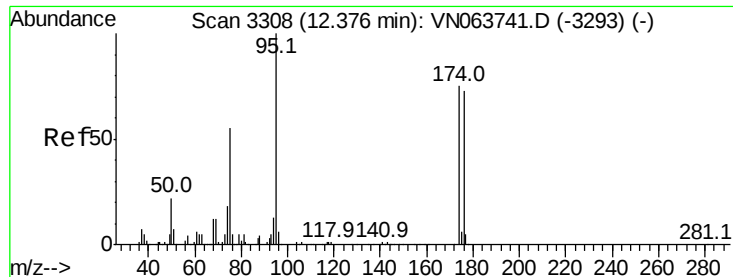
#50
Toluene-d8
Concen: 48.432 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Tgt Ion: 98 Resp: 517123
Ion Ratio Lower Upper
98 100
100 62.8 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN
300000 Ion 100.00 (99.70 to 100.70): VN

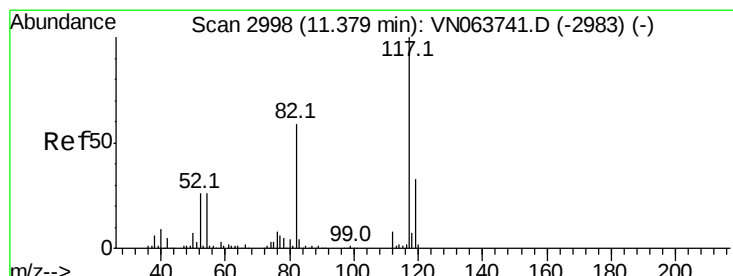
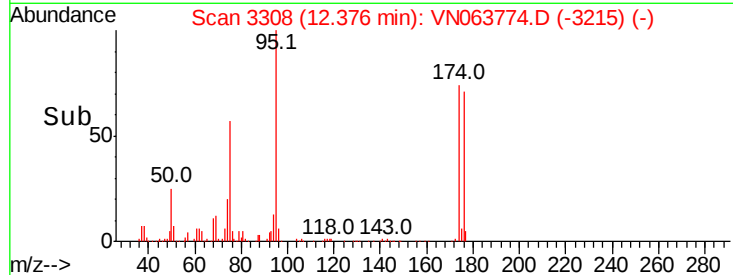
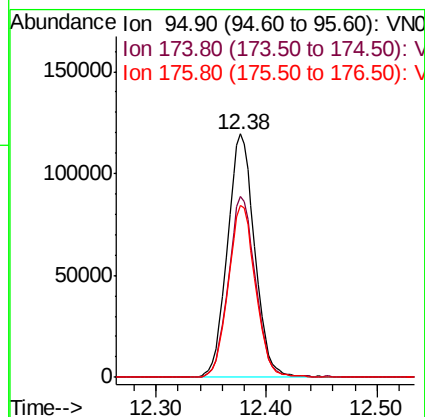
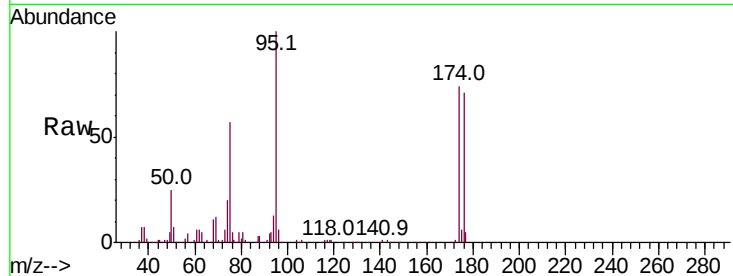




#62
4-Bromofluorobenzene
Concen: 51.030 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

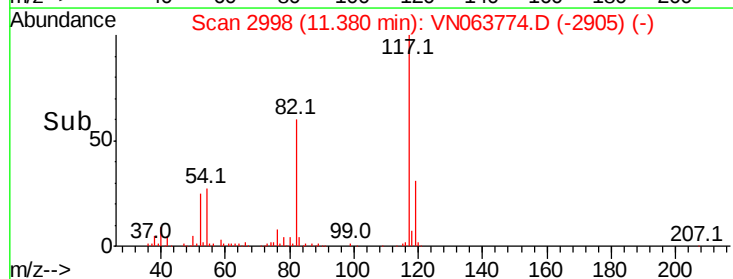
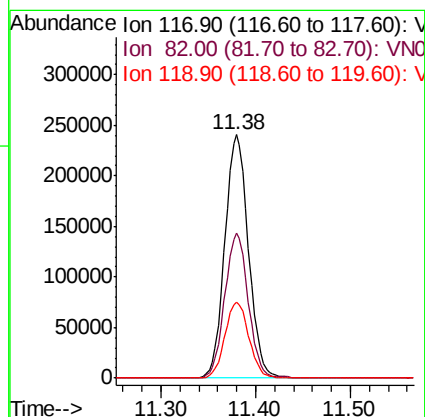
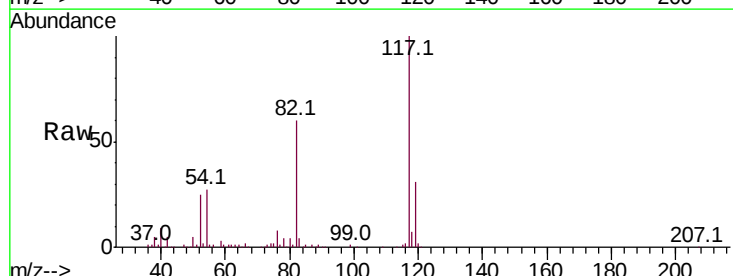
Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

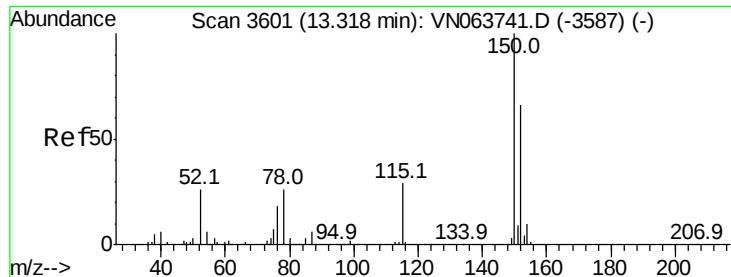
Tot Ion: 95 Resp: 204821
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.6
176 70.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063774.D
Acq: 1 Oct 2020 16:10

Tgt Ion: 117 Resp: 417725
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063774.D

Acq: 1 Oct 2020 16:10

Instrument :

MSVOA_N

ClientSampled :

FIELD-BLANK

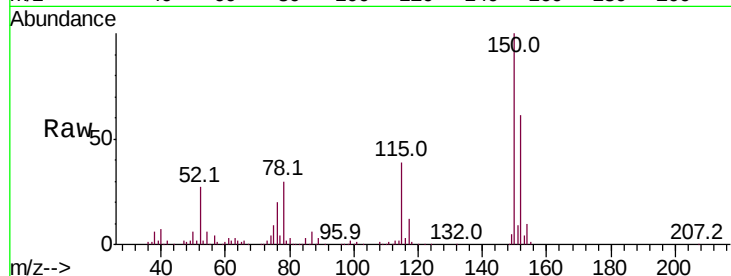
Tot Ion:152 Resp: 170970

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.8

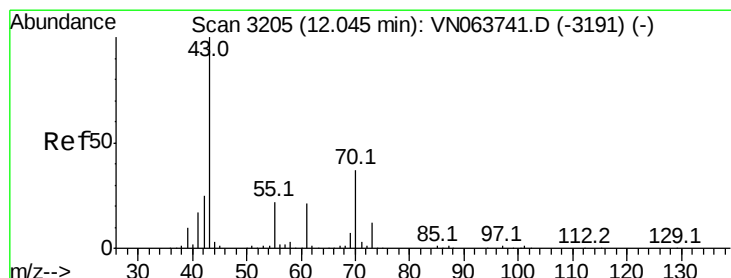
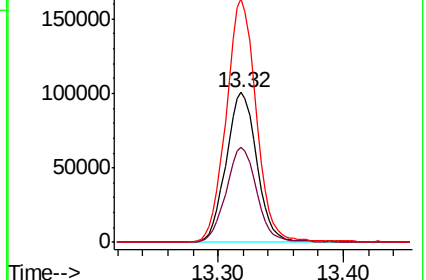
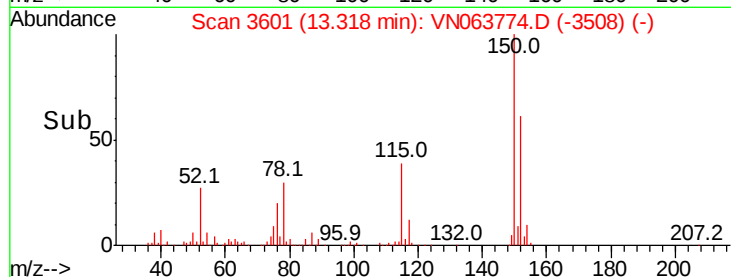
150 159.1 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 2.226 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063774.D

Acq: 1 Oct 2020 16:10

Tgt Ion: 43 Resp: 60

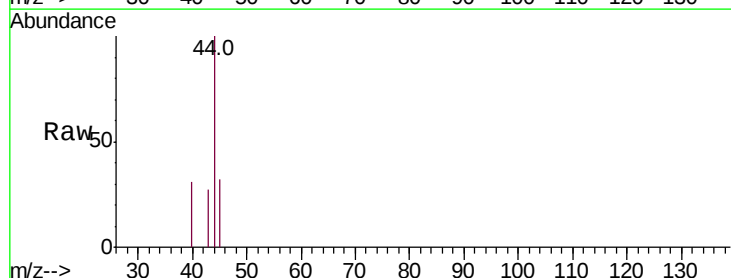
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

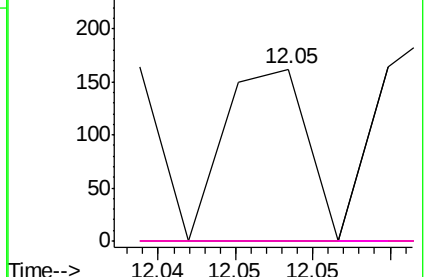
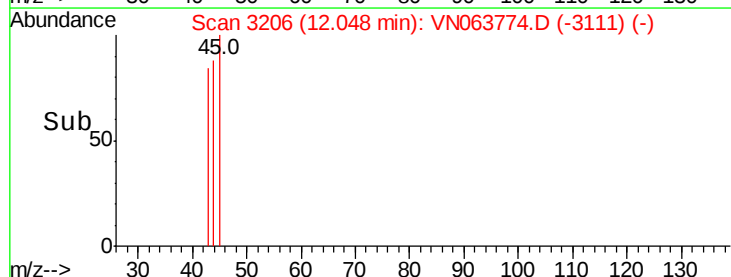


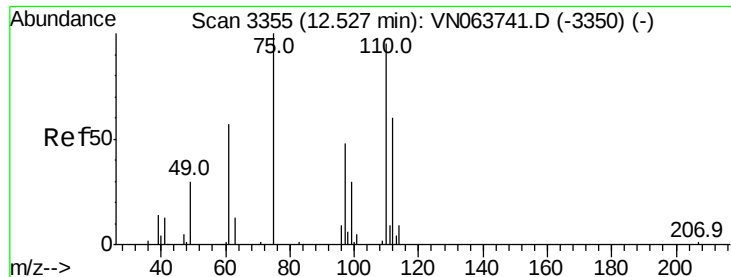
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 31.334 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063774.D

Acq: 1 Oct 2020 16:10

Instrument :

MSVOA_N

ClientSampled :

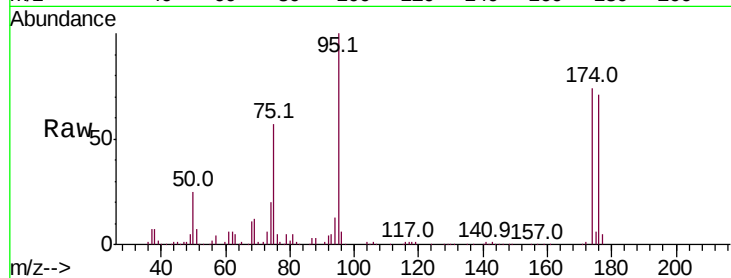
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Tot Ion: 75 Resp: 118092

Ion Ratio Lower Upper

75 100

77 0.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.38

80000

60000

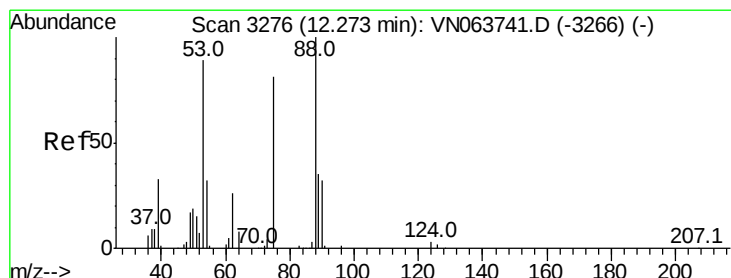
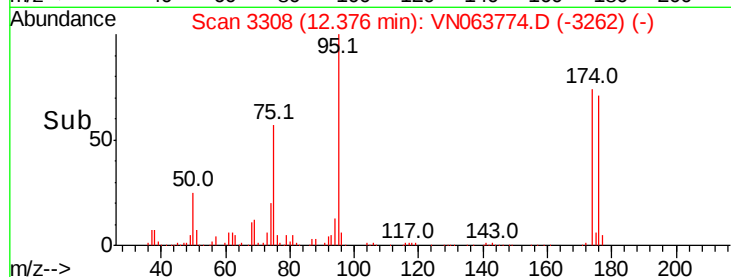
40000

20000

0

Time-->

12.30 12.40



#81

trans-1,4-Dichloro-2-butene

Concen: 90.246 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063774.D

Acq: 1 Oct 2020 16:10

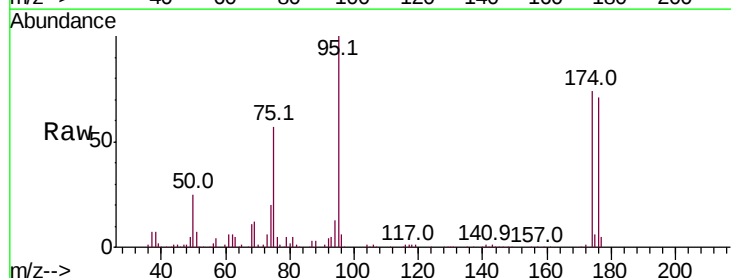
Tgt Ion: 75 Resp: 118092

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.38

80000

60000

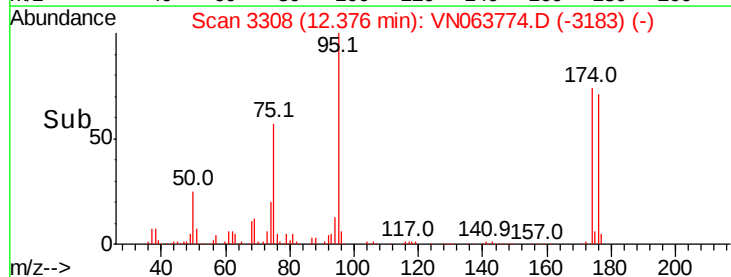
40000

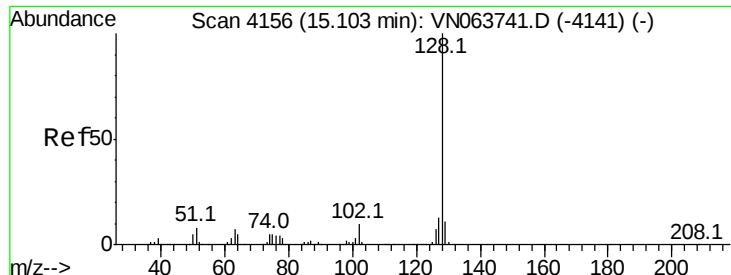
20000

0

Time-->

12.30 12.40





#95

Naphthalene

Concen: 1.928 ug/l

RT: 15.11 min Scan# 4159

Delta R.T. 0.01 min

Lab File: VN063774.D

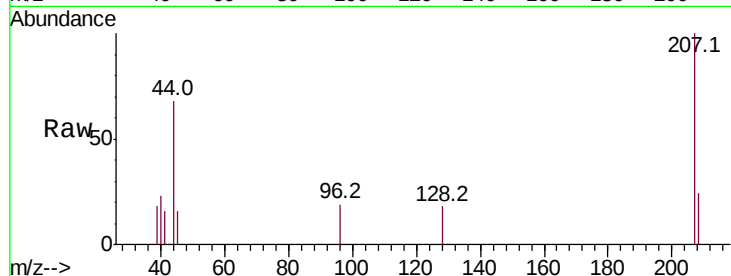
Acq: 1 Oct 2020 16:10

Instrument :

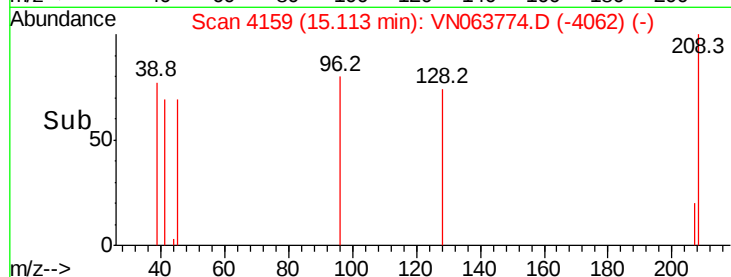
MSVOA_N

ClientSampleId :

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Tot Ion:	128	Resp:	33
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#



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

