

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063041.D
 Acq On : 20 Aug 2020 17:12
 Operator : JC/MD
 Sample : L3741-02 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002DL

Quant Time: Aug 21 05:43:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	34883	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	164116	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	152979	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	75340	30.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.60%
60) 4-Bromofluorobenzene	12.38	95	56195	23.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	77.50%
63) Toluene-d8	10.06	98	207232	29.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.40%

Target Compounds

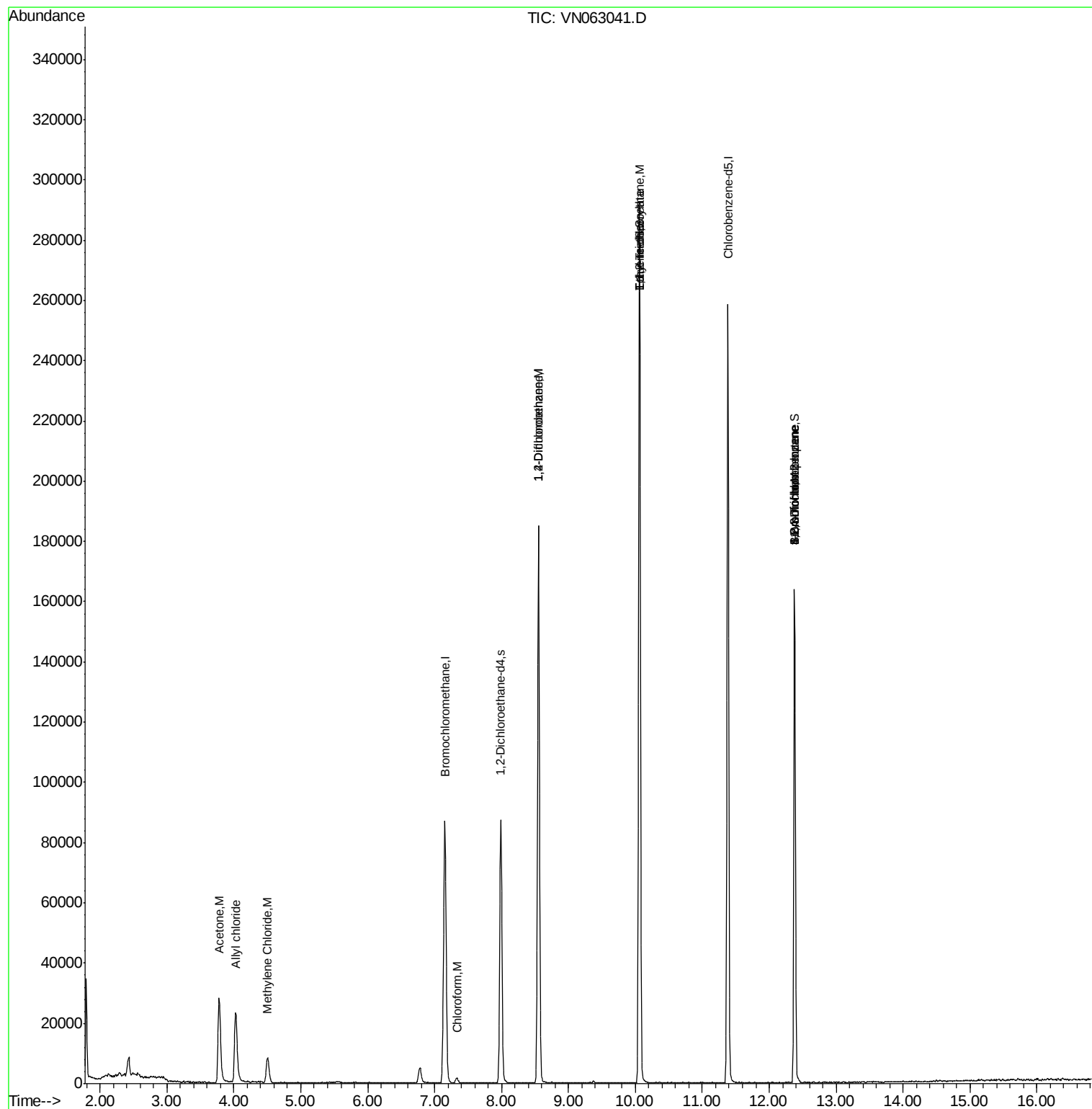
					Ovalue
15) Acetone	3.78	58	16117	58.613	ug/l 98
17) Allyl chloride	4.03	41	3911	1.309	ug/l # 70
18) Methylene Chloride	4.51	84	6774	2.974	ug/l 96
25) Chloroform	7.33	83	2264	0.592	ug/l 85
36) 1,2-Dichloroethane	8.55	62	5316	2.040	ug/l # 74
50) 1,1,2-Trichloroethane	10.07	97	8104	4.073	ug/l # 1
51) Ethyl methacrylate	10.07	69	769	0.284	ug/l 75
56) Bromoform	12.38	173	570	0.356	ug/l # 1
72) 1,2,3-Trichloropropane	12.38	75	27887	11.328	ug/l # 1
77) t-1,4-Dichloro-2-butene	12.38	75	27887	32.050	ug/l # 12

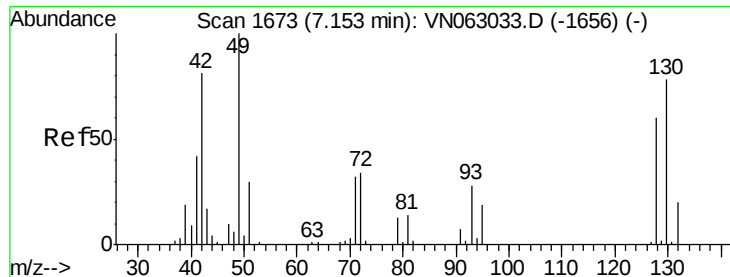
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082020\
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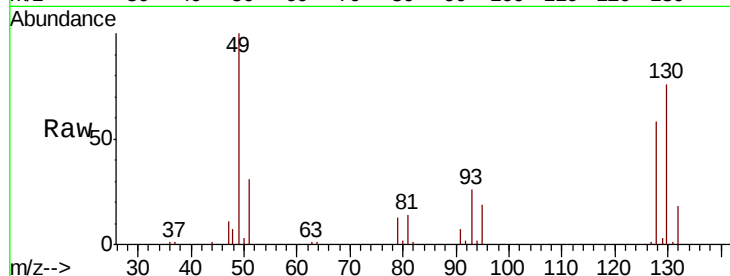




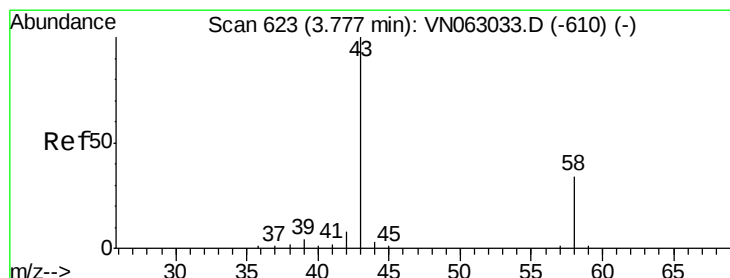
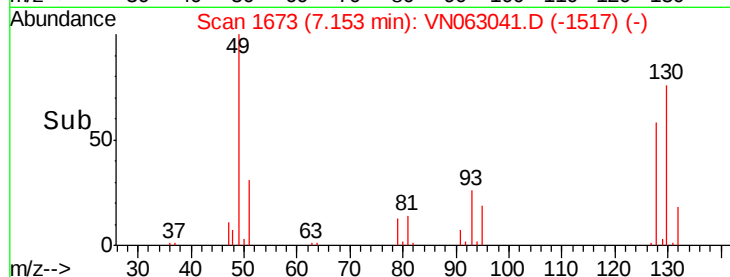
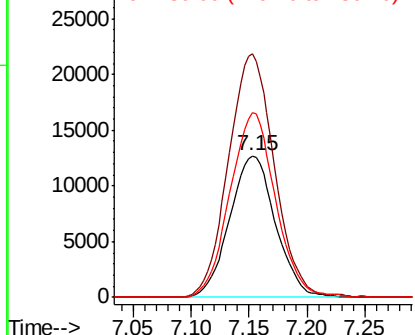
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN063041.D
 Acq: 20 Aug 2020 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002DL

Tot Ion:128 Resp: 34883
 Ion Ratio Lower Upper
 128 100
 49 172.2 0.0 437.5
 130 129.9 0.0 327.3

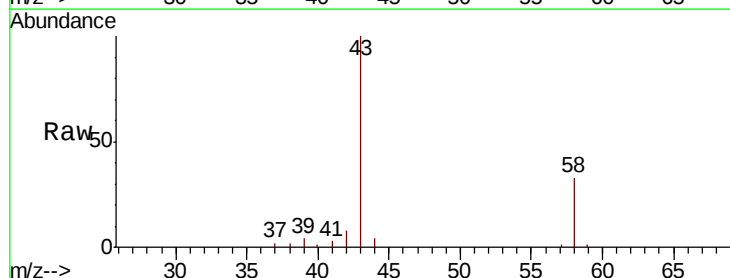


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

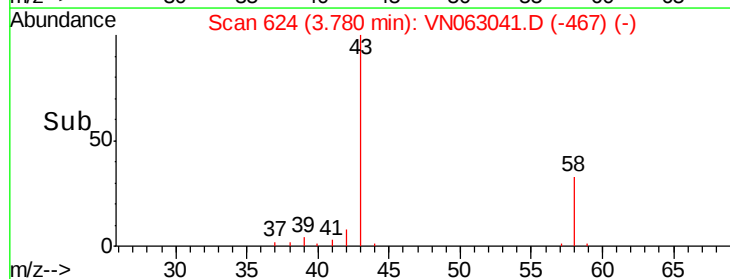
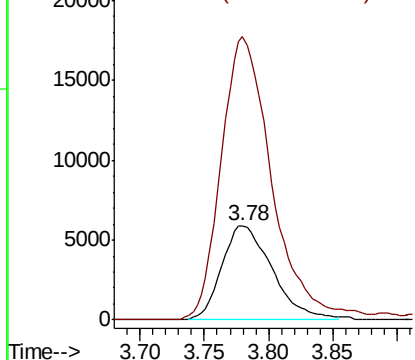


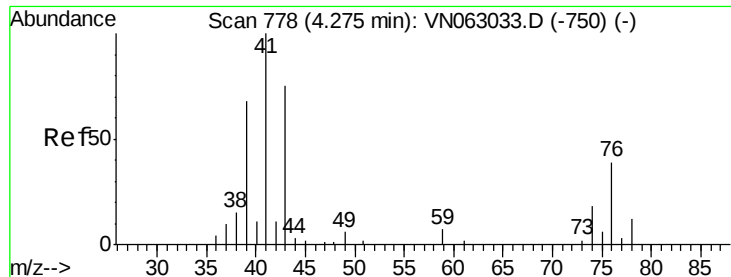
#15
 Acetone
 Concen: 58.613 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN063041.D
 Acq: 20 Aug 2020 17:12

Tgt Ion: 58 Resp: 16117
 Ion Ratio Lower Upper
 58 100
 43 294.8 233.2 349.8



Abundance Ion 58.00 (57.70 to 58.70): VN
 Ion 43.00 (42.70 to 43.70): VN

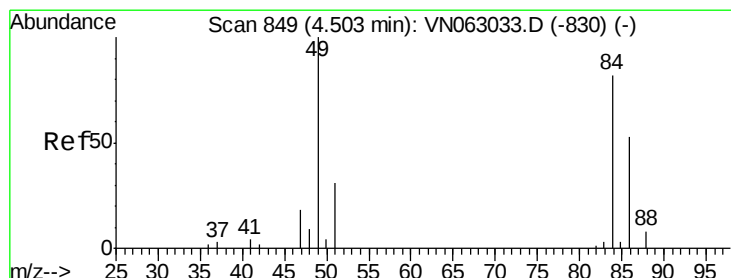
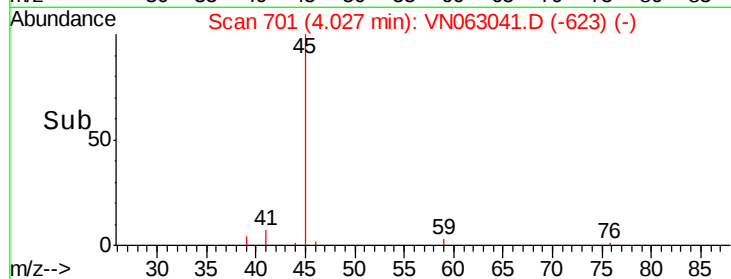
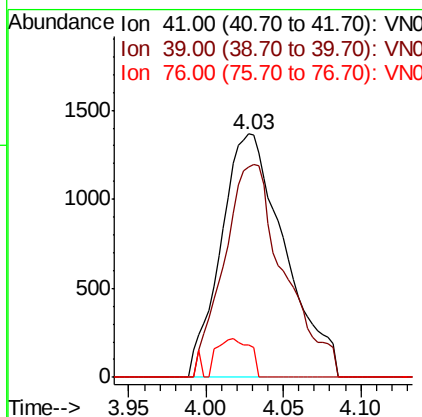
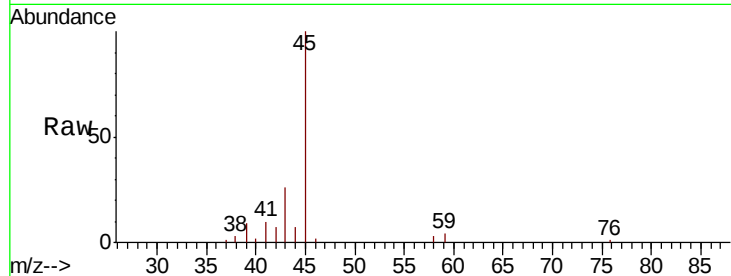




#17
Allvl chloride
Concen: 1.309 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.25 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

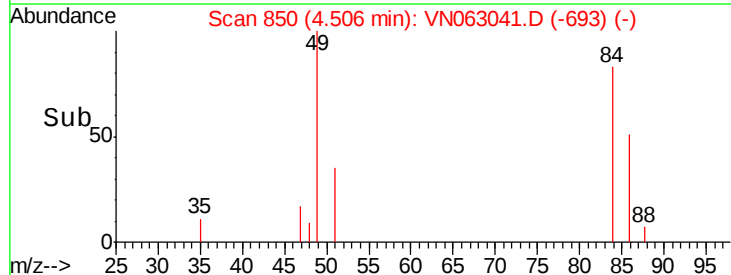
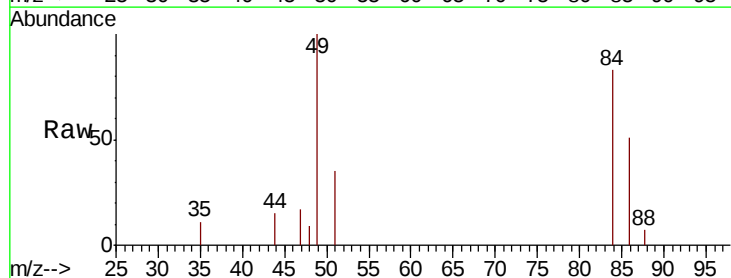
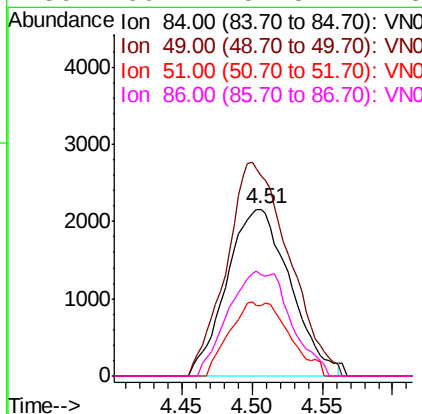
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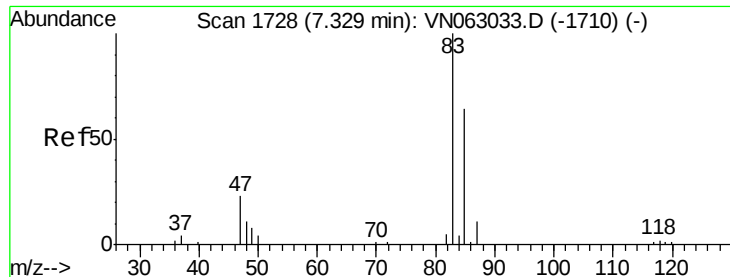
Tot Ion: 41 Resp: 3911
Ion Ratio Lower Upper
41 100
39 86.2 33.8 101.4
76 13.2 19.4 58.4#



#18
Methylene Chloride
Concen: 2.974 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

Tgt Ion: 84 Resp: 6774
Ion Ratio Lower Upper
84 100
49 119.9 97.8 146.8
51 42.4 30.7 46.1
86 60.7 51.5 77.3

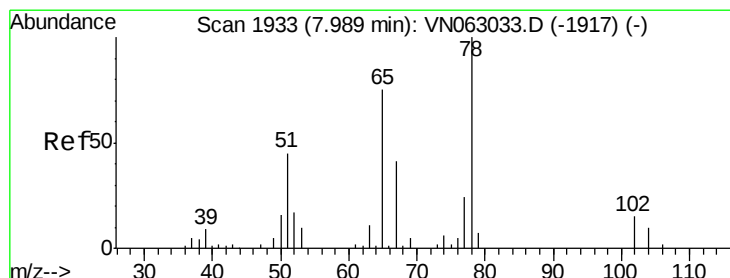
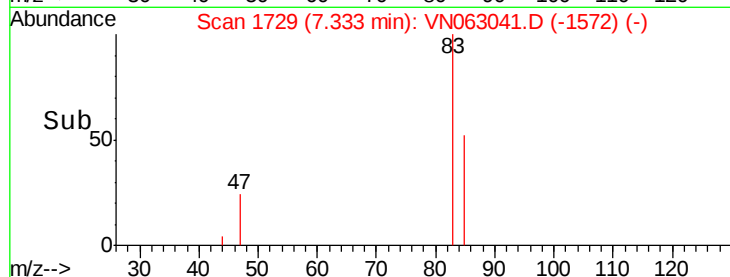
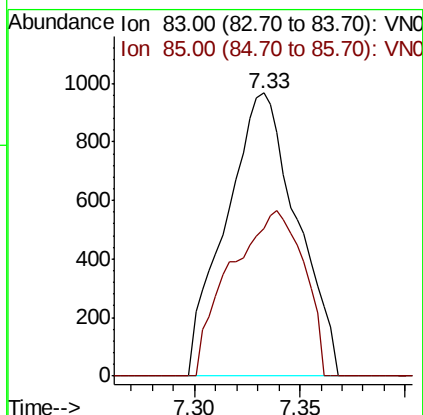
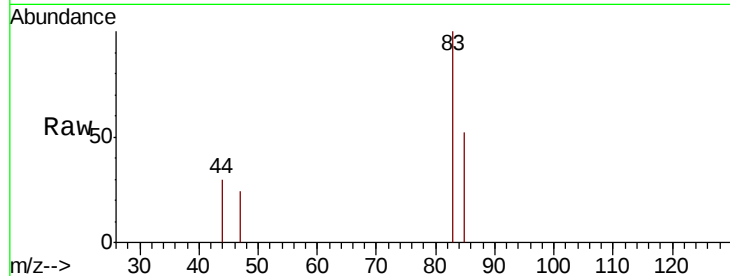




#25
Chloroform
Concen: 0.592 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

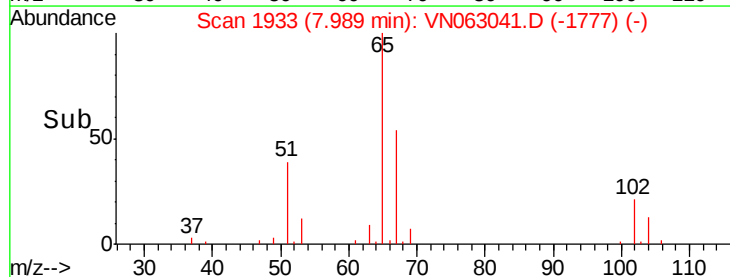
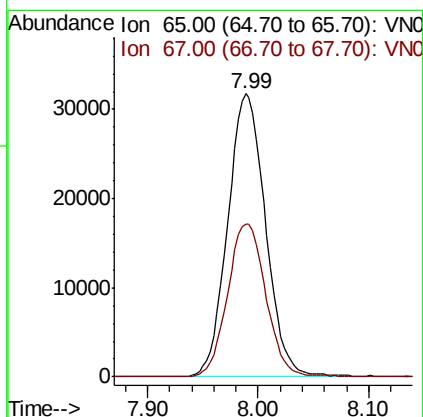
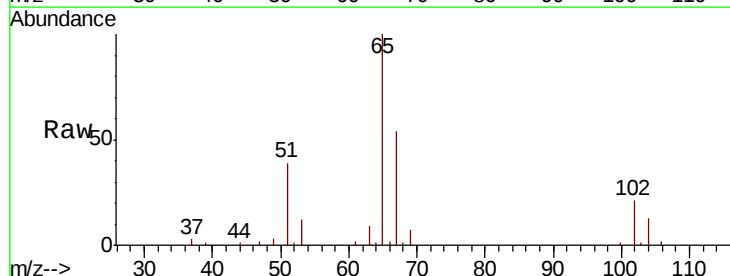
Instrument :
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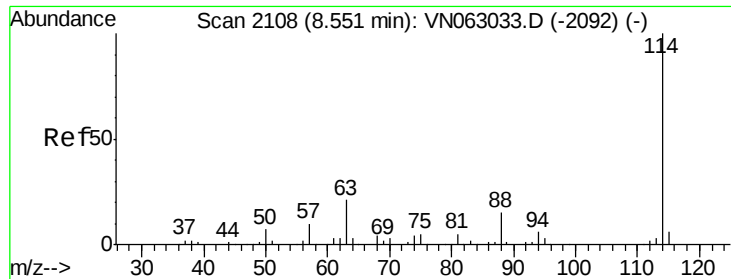
Tot Ion: 83 Resp: 2264
Ion Ratio Lower Upper
83 100
85 52.3 51.0 76.4



#27
1,2-Dichloroethane-d4
Concen: 30.483 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

Tgt Ion: 65 Resp: 75340
Ion Ratio Lower Upper
65 100
67 54.6 43.8 65.6

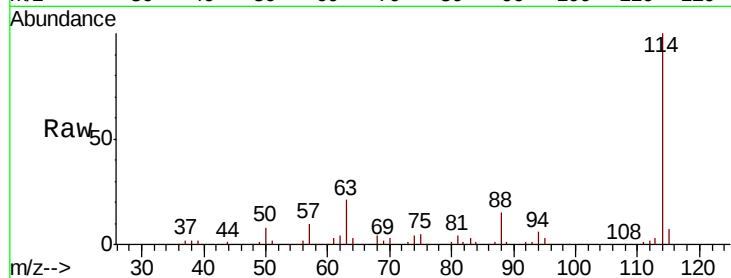




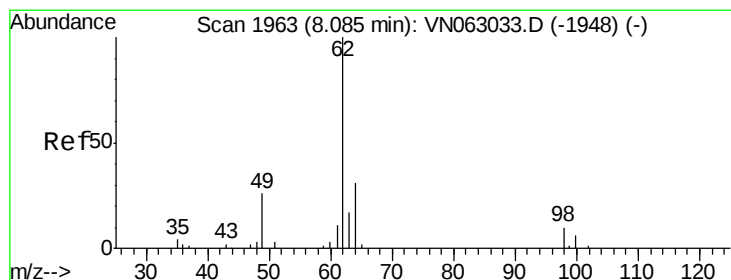
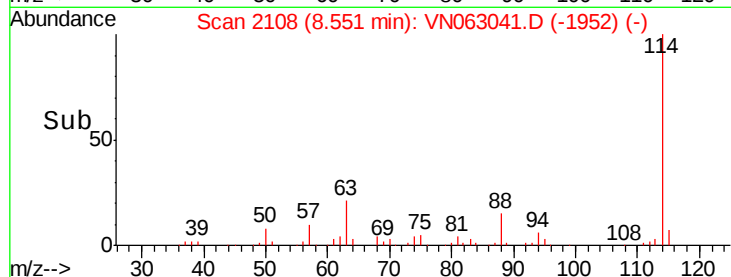
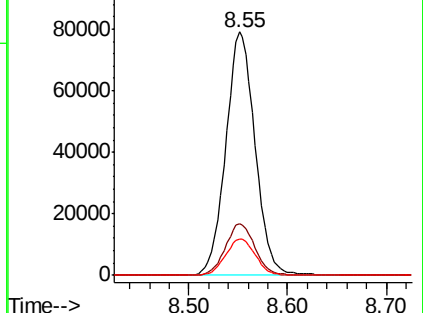
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063041.D
 Acq: 20 Aug 2020 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002DL

Tot Ion:114 Resp: 164116
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.0 25.6
 88 15.3 12.6 18.8

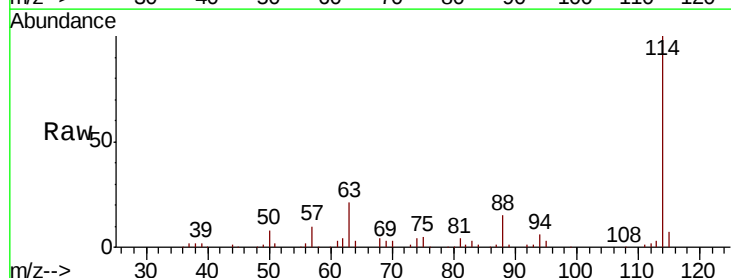


Abundance Ion 114.00 (113.70 to 114.70): VN063033.D (-2092) (-)
 Ion 63.00 (62.70 to 63.70): VN063033.D (-2092) (-)
 Ion 88.00 (87.70 to 88.70): VN063033.D (-2092) (-)

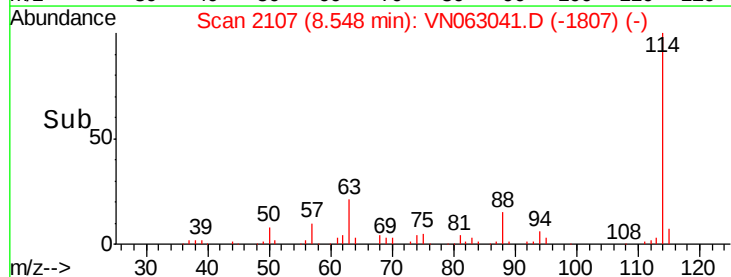
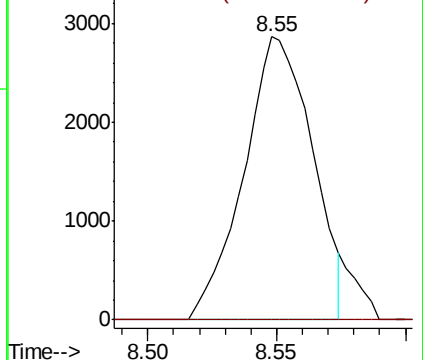


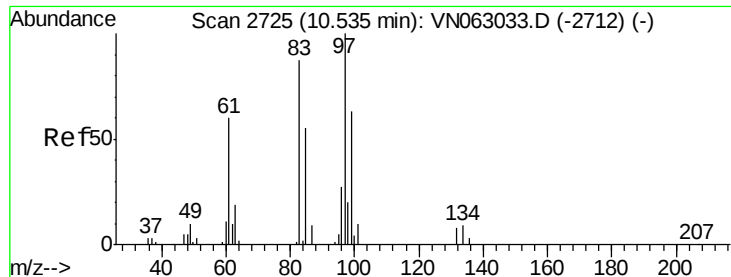
#36
 1,2-Dichloroethane
 Concen: 2.040 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. 0.46 min
 Lab File: VN063041.D
 Acq: 20 Aug 2020 17:12

Tgt Ion: 62 Resp: 5316
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VN063033.D (-1948) (-)
 Ion 98.00 (97.70 to 98.70): VN063033.D (-1948) (-)

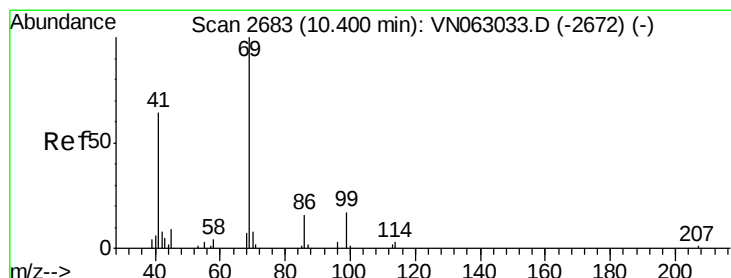
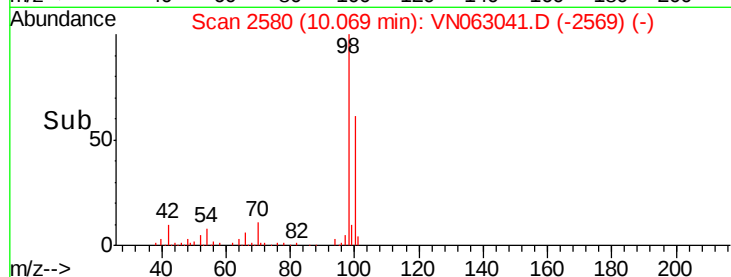
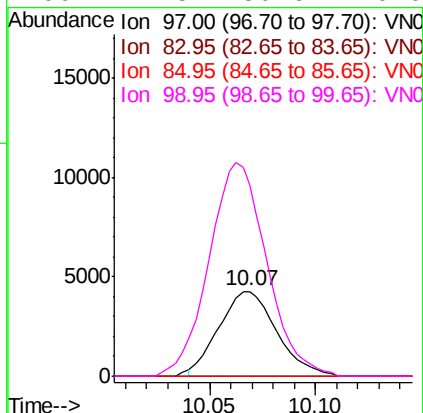
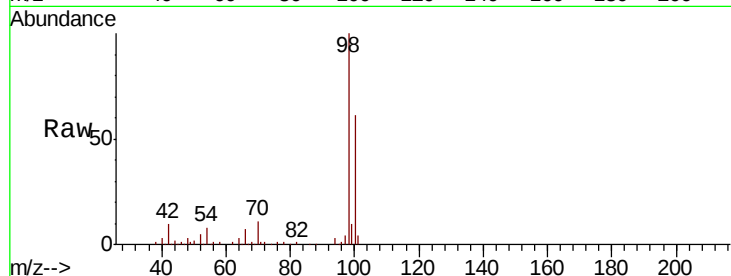




#50
 1,1,2-Trichloroethane
 Concen: 4.073 ug/l
 RT: 10.07 min Scan# 2580
 Delta R.T. -0.47 min
 Lab File: VN063041.D
 Acq: 20 Aug 2020 17:12

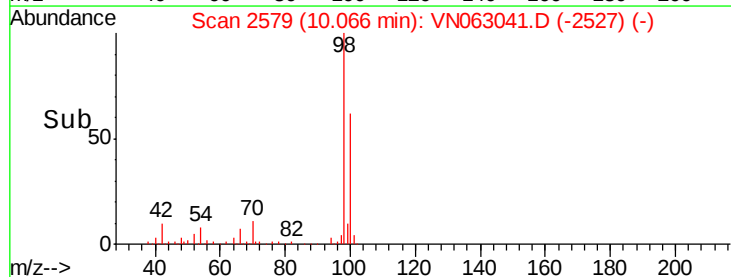
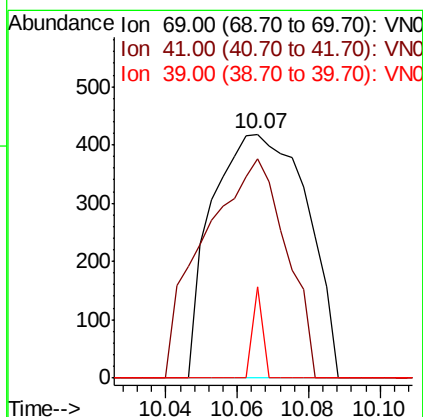
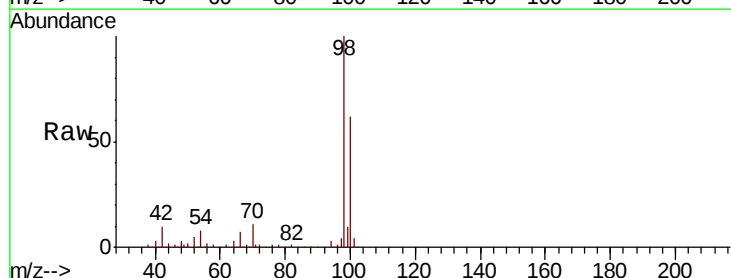
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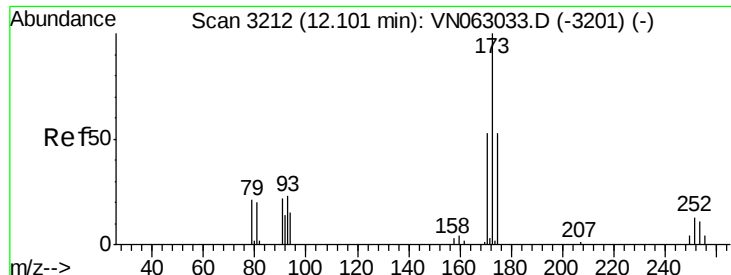
Tot Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.9	104.9#
85	0.0	44.0	66.0#
99	224.5	50.6	76.0#



#51
 Ethyl methacrylate
 Concen: 0.284 ug/l
 RT: 10.07 min Scan# 2579
 Delta R.T. -0.33 min
 Lab File: VN063041.D
 Acq: 20 Aug 2020 17:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	90.0	32.1	96.5
39	37.3	16.1	48.3

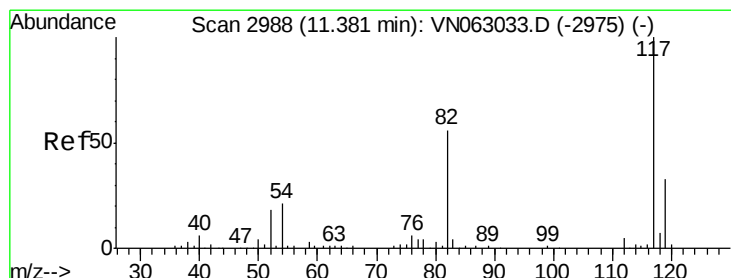
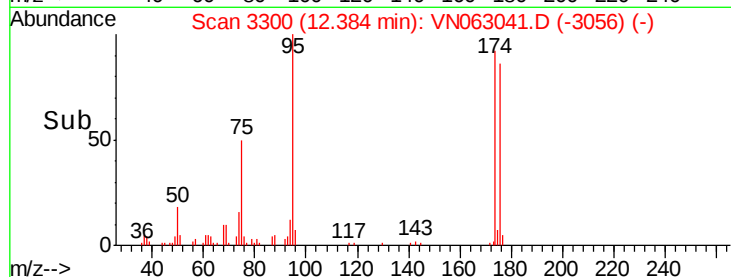
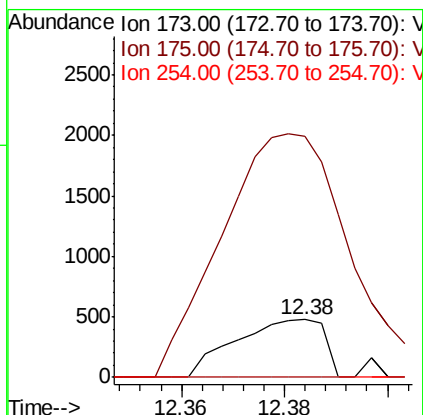
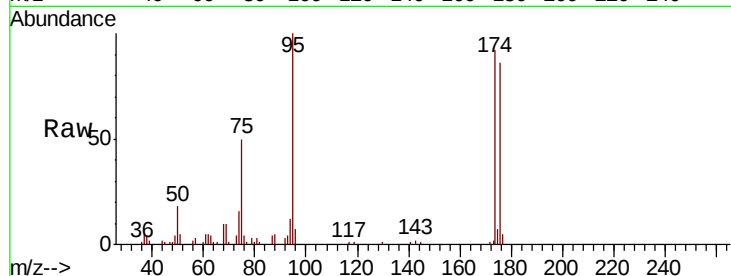




#56
Bromoform
Concen: 0.356 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.28 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

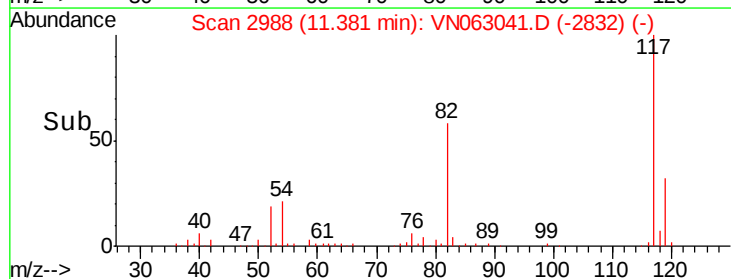
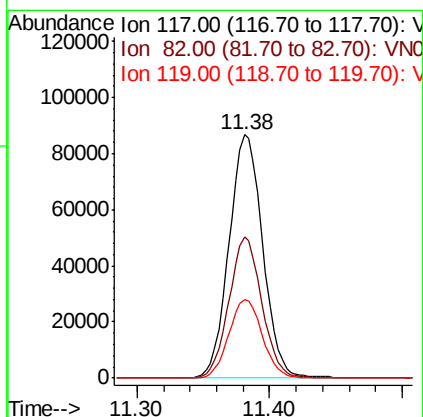
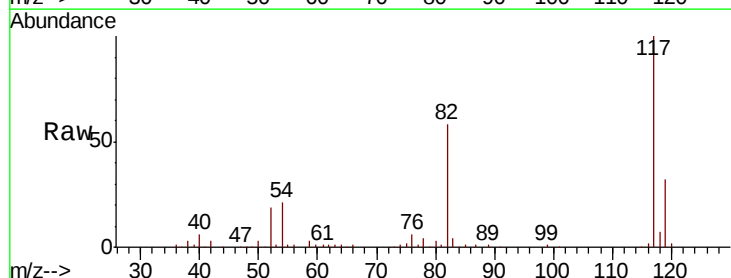
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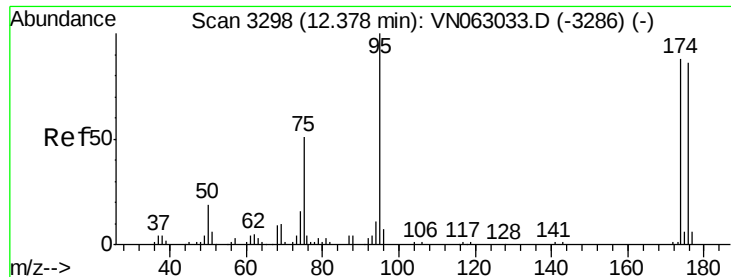
Tot Ion:173 Resp: 570
Ion Ratio Lower Upper
173 100
175 600.7 41.2 61.8#
254 0.0 9.0 13.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

Tgt Ion:117 Resp: 152979
Ion Ratio Lower Upper
117 100
82 56.8 44.9 67.3
119 32.1 26.0 39.0

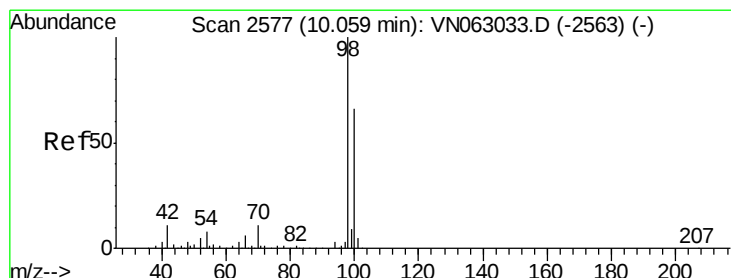
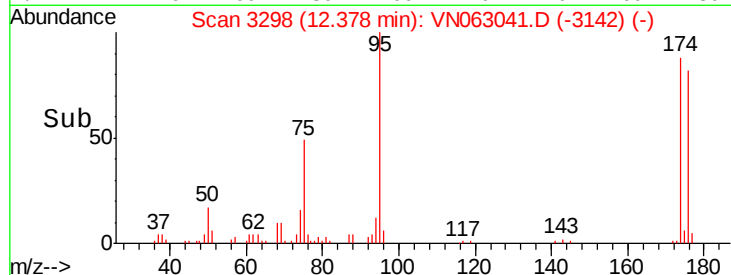
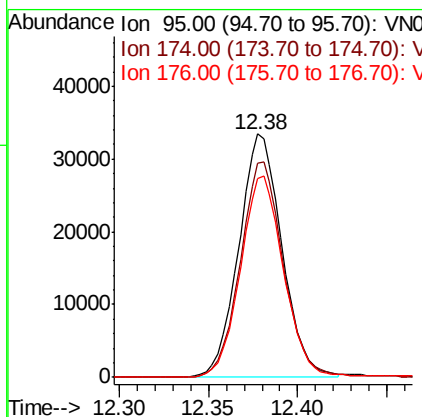
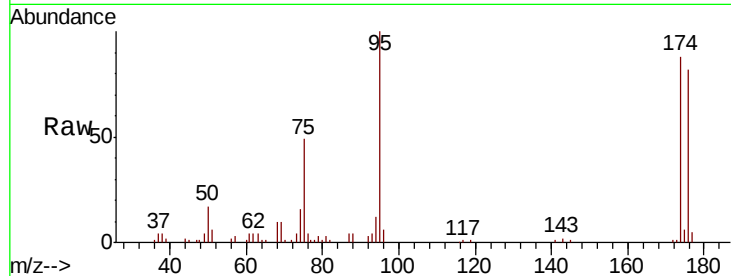




#60
4-Bromofluorobenzene
Concen: 23.246 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

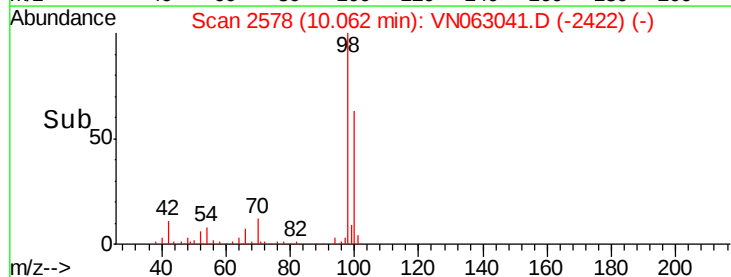
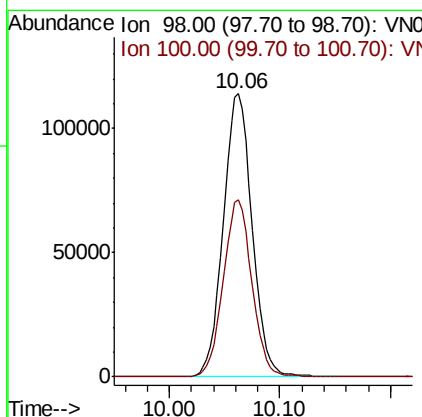
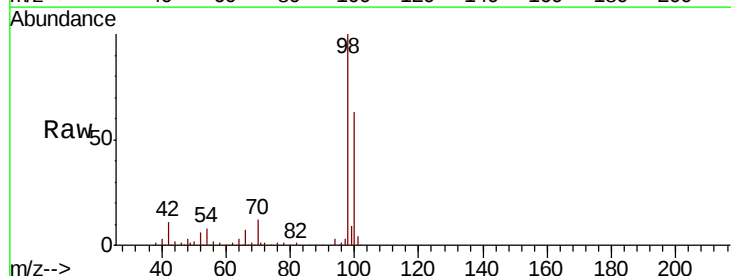
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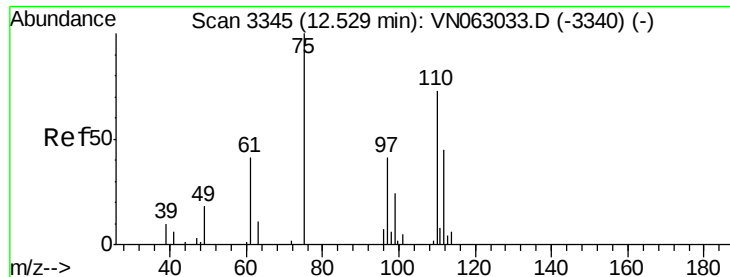
Tot Ion: 95 Resp: 56195
Ion Ratio Lower Upper
95 100
174 88.3 70.1 105.1
176 83.3 66.8 100.2



#63
Toluene-d8
Concen: 29.517 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

Tgt Ion: 98 Resp: 207232
Ion Ratio Lower Upper
98 100
100 62.0 51.4 77.2





#72

1,2,3-Trichloropropane

Concen: 11.328 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063041.D

Acq: 20 Aug 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

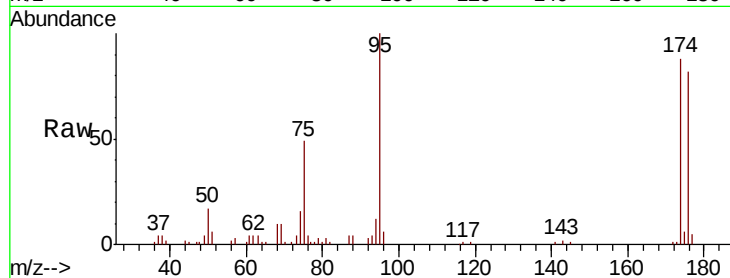
DSN-002-SEWER-OUTLET-002DL

Tot Ion: 75 Resp: 27887

Ion Ratio Lower Upper

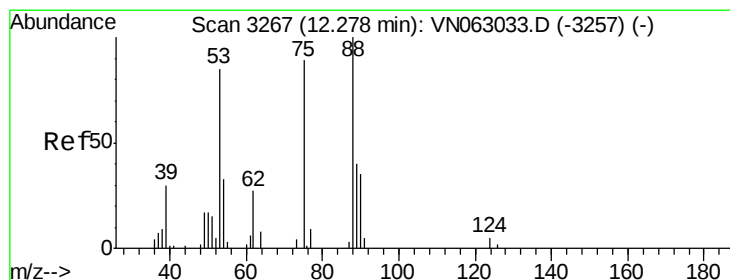
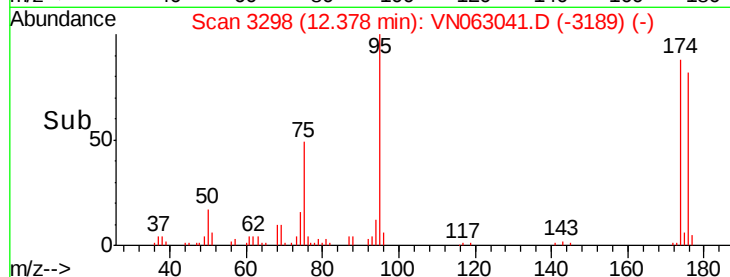
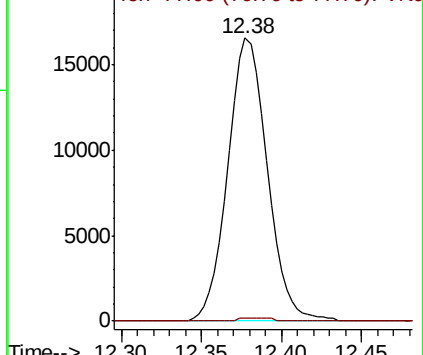
75 100

77 0.0 0.0 387.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

t-1,4-Dichloro-2-butene

Concen: 32.050 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063041.D

Acq: 20 Aug 2020 17:12

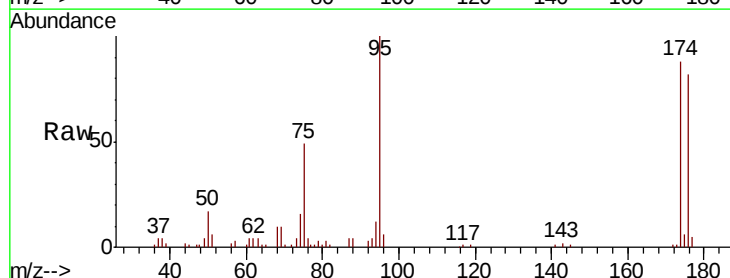
Tgt Ion: 75 Resp: 27887

Ion Ratio Lower Upper

75 100

53 0.0 47.0 141.0#

89 0.0 22.9 68.7#



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

