

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064258.D
 Acq On : 22 Oct 2020 18:30
 Operator : JC/MD
 Sample : VN1022WBL04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL04

Quant Time: Oct 23 01:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 22 16:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	46073	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	262267	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	232257	30.00	ug/l	0.00

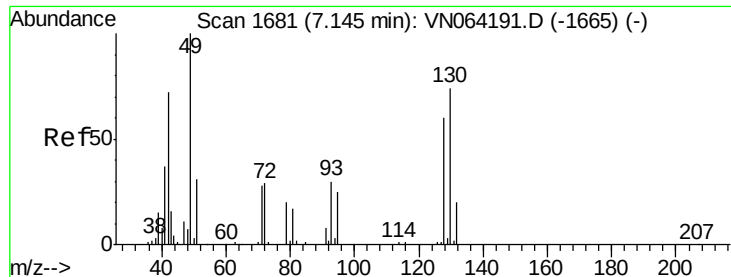
System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	128830	34.15	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	113.83%	#	
60) 4-Bromofluorobenzene	12.38	95	116648	28.03	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.43%		
63) Toluene-d8	10.06	98	312874	29.75	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.17%		

Target Compounds

					Ovalue	
13) Acrolein	3.46	56	63	0.208	ug/l #	1
18) Methylene Chloride	4.51	84	1051	0.350	ug/l #	38
36) 1,2-Dichloroethane	8.55	62	9390	1.914	ug/l #	78
50) 1,1,2-Trichloroethane	10.07	97	10746	3.562	ug/l #	1
51) Ethyl methacrylate	10.06	69	1410	0.296	ug/l	80
77) t-1,4-Dichloro-2-butene	12.38	75	65591	40.320	ug/l #	8

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN064258.D

Acq: 22 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL04

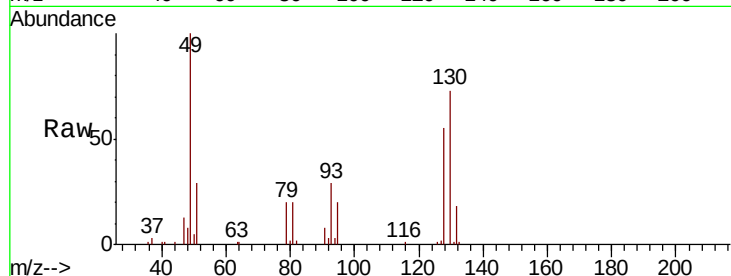
Tot Ion:128 Resp: 46073

Ion Ratio Lower Upper

128 100

49 173.1 0.0 433.3

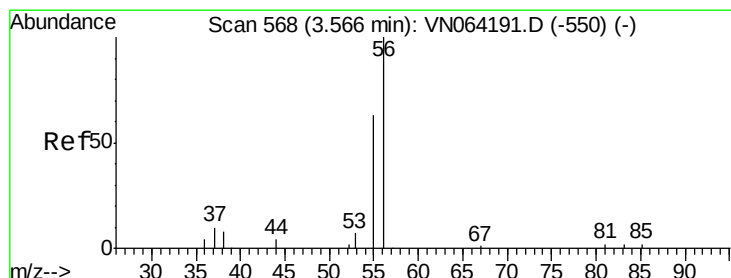
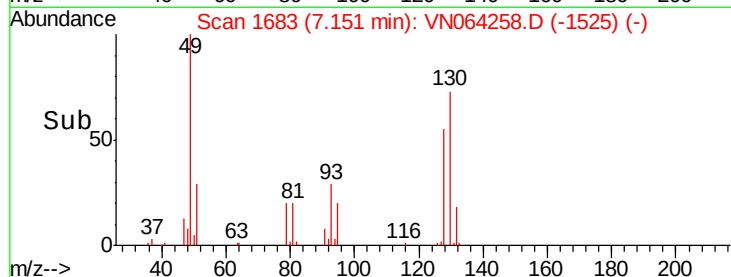
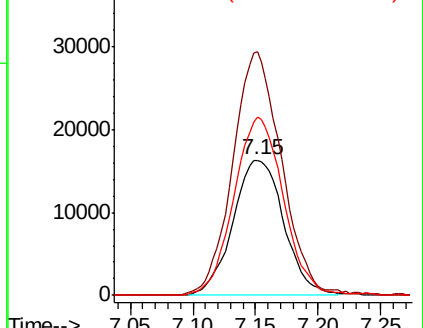
130 128.1 0.0 322.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#13

Acrolein

Concen: 0.208 ug/l

RT: 3.46 min Scan# 535

Delta R.T. -0.11 min

Lab File: VN064258.D

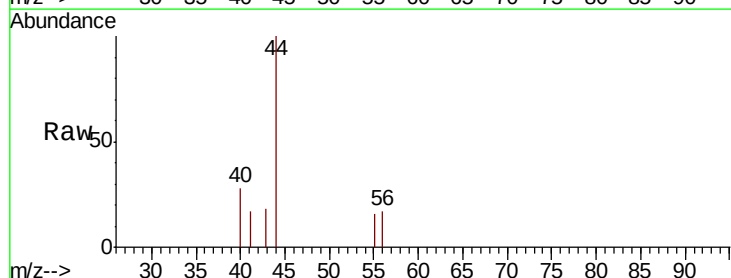
Acq: 22 Oct 2020 18:30

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

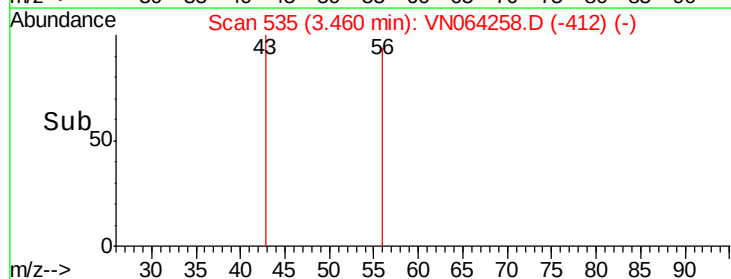
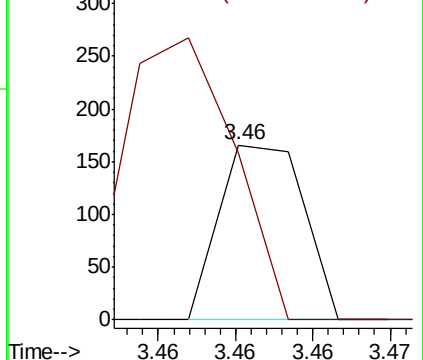
56 100

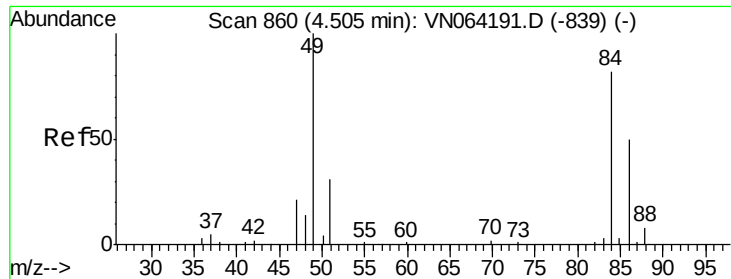
55 204.8 0.5 0.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

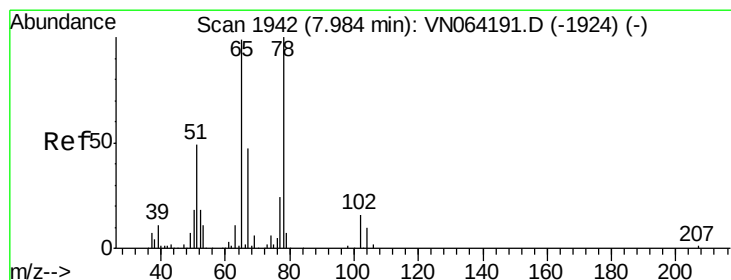
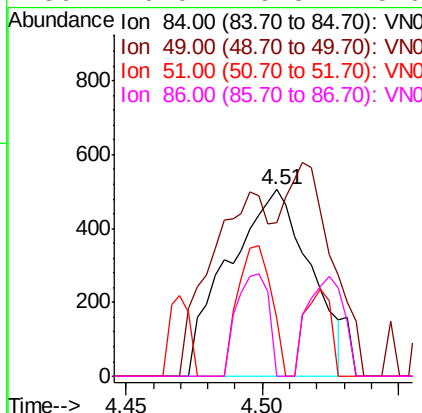
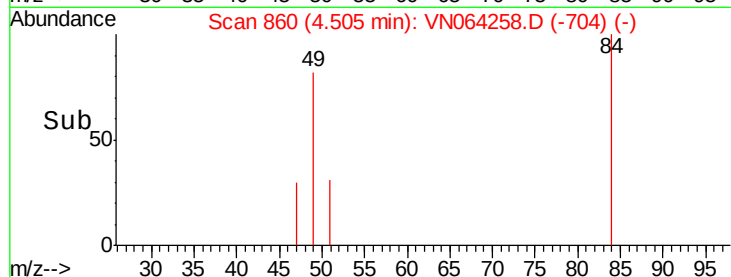
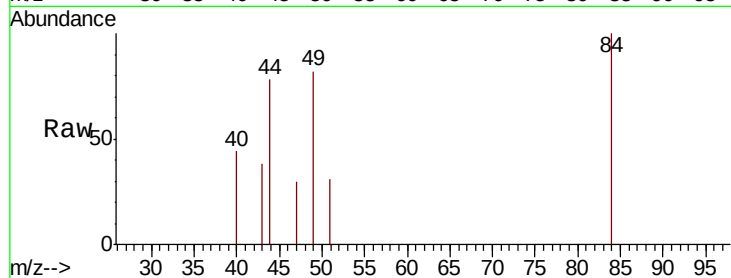




#18
Methylene Chloride
Concen: 0.350 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

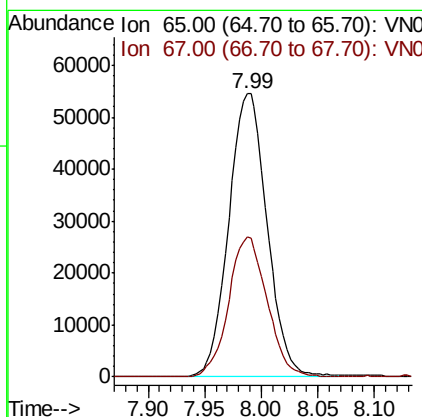
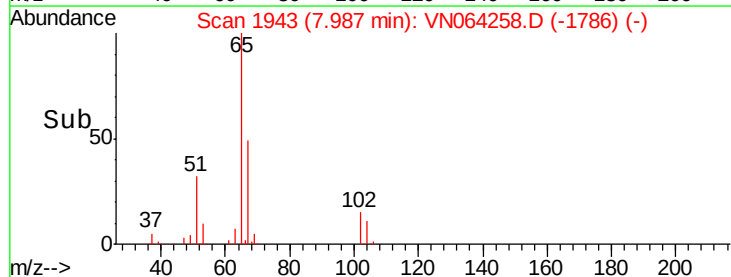
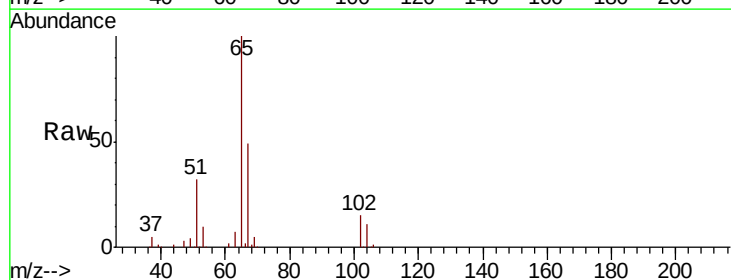
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL04

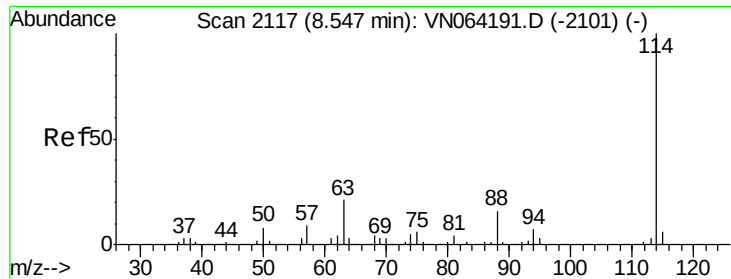
Tot Ion: 84 Resp: 1051
Ion Ratio Lower Upper
84 100
49 45.9 97.6 146.4#
51 30.7 31.1 46.7#
86 0.0 49.3 73.9#



#27
1,2-Dichloroethane-d4
Concen: 34.153 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

Tgt Ion: 65 Resp: 128830
Ion Ratio Lower Upper
65 100
67 49.6 39.8 59.6

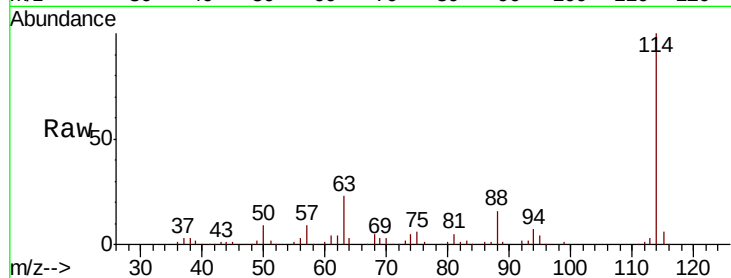




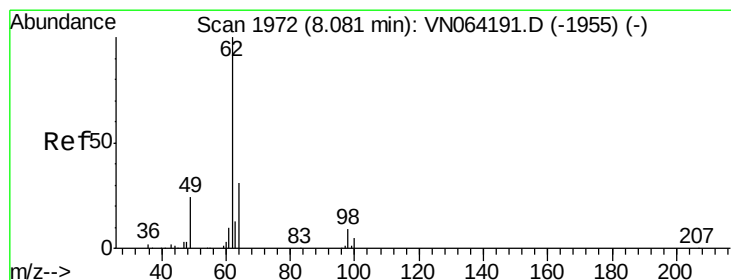
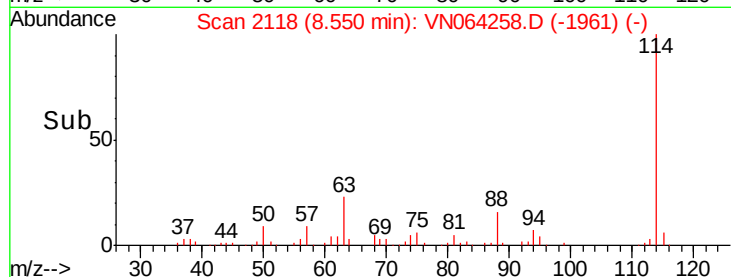
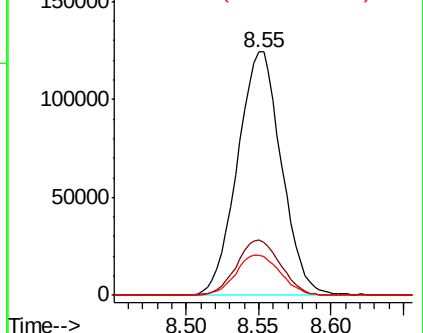
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064258.D
 Acq: 22 Oct 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL04

Tot Ion:114 Resp: 262267
 Ion Ratio Lower Upper
 114 100
 63 22.6 17.0 25.4
 88 16.8 13.0 19.4

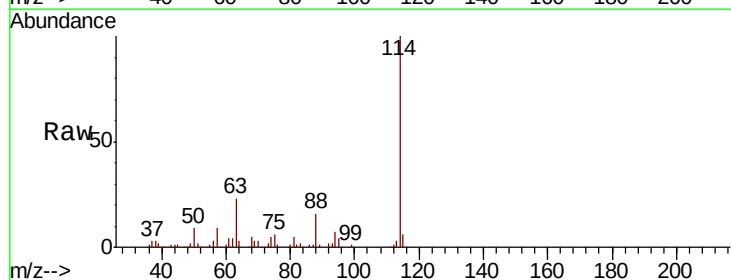


Abundance Ion 114.00 (113.70 to 114.70): VN064191.D (-2101) (-)
 Ion 63.00 (62.70 to 63.70): VN064191.D (-2101) (-)
 Ion 88.00 (87.70 to 88.70): VN064191.D (-2101) (-)

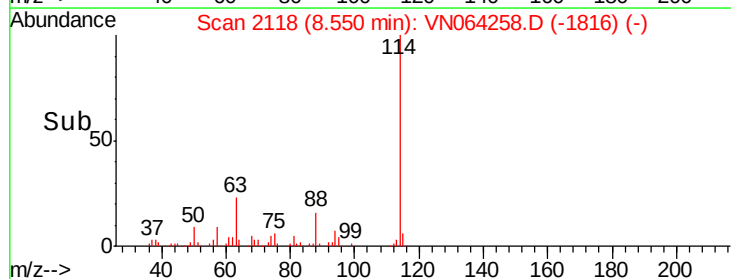
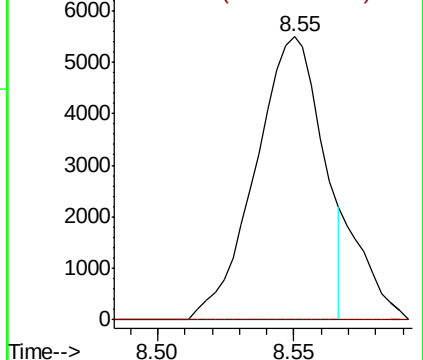


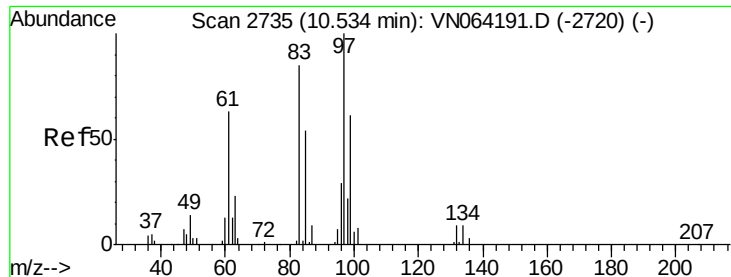
#36
 1,2-Dichloroethane
 Concen: 1.914 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.47 min
 Lab File: VN064258.D
 Acq: 22 Oct 2020 18:30

Tgt Ion: 62 Resp: 9390
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VN064191.D (-1955) (-)
 Ion 98.00 (97.70 to 98.70): VN064191.D (-1955) (-)

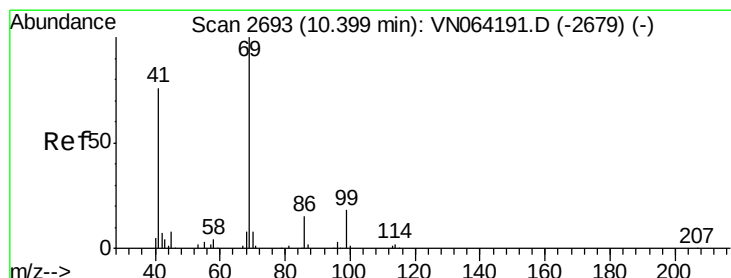
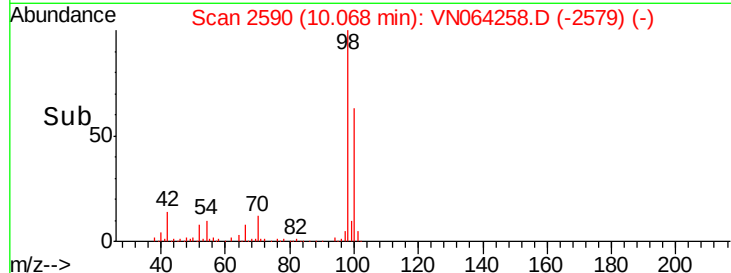
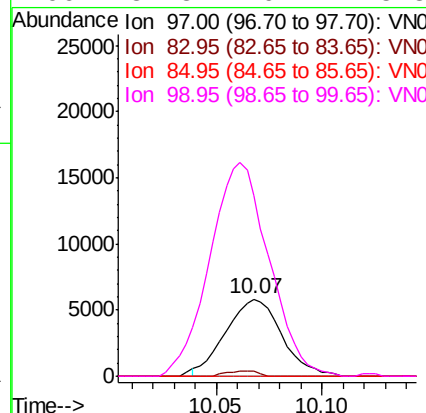
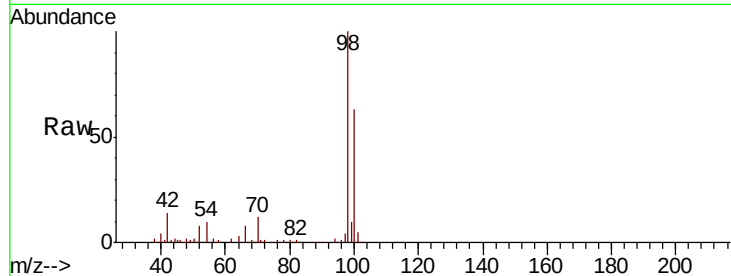




#50
 1,1,2-Trichloroethane
 Concen: 3.562 ug/l
 RT: 10.07 min Scan# 2590
 Delta R.T. -0.47 min
 Lab File: VN064258.D
 Acq: 22 Oct 2020 18:30

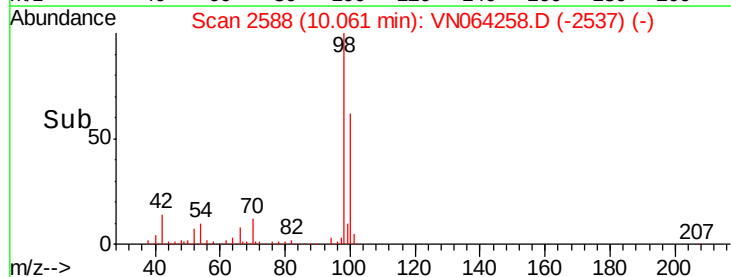
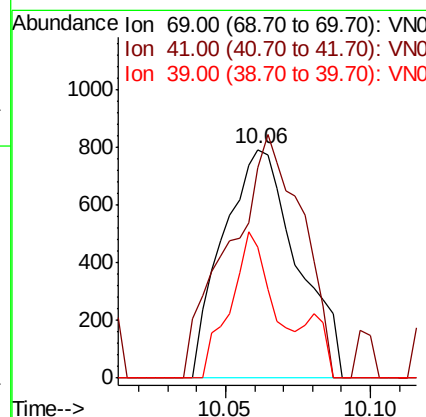
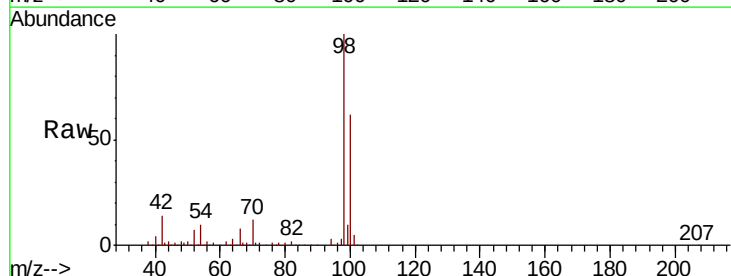
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 VN1022WBL04

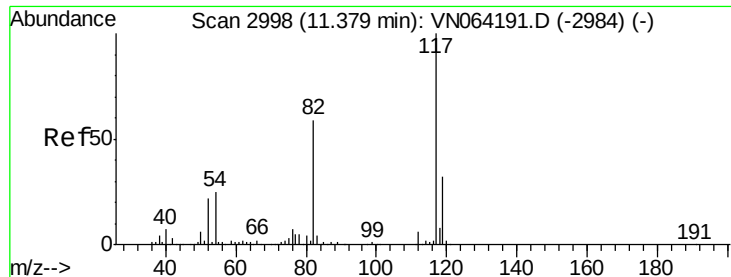
Tot Ion	97	Resp	10746
Ion Ratio	Lower	Upper	
97	100		
83	6.3	67.7	101.5#
85	0.0	43.2	64.8#
99	234.3	49.2	73.8#



#51
 Ethyl methacrylate
 Concen: 0.296 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.34 min
 Lab File: VN064258.D
 Acq: 22 Oct 2020 18:30

Tgt Ion	69	Resp	1410
Ion Ratio	Lower	Upper	
69	100		
41	91.7	38.0	114.1
39	57.6	21.4	64.3

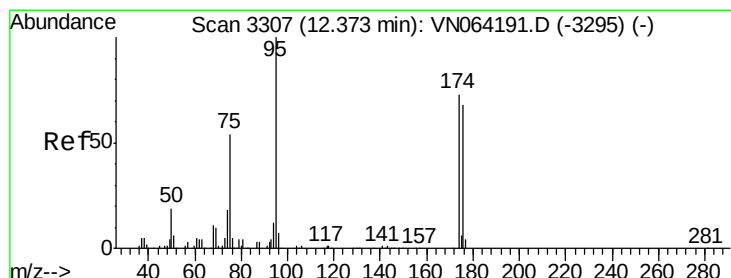
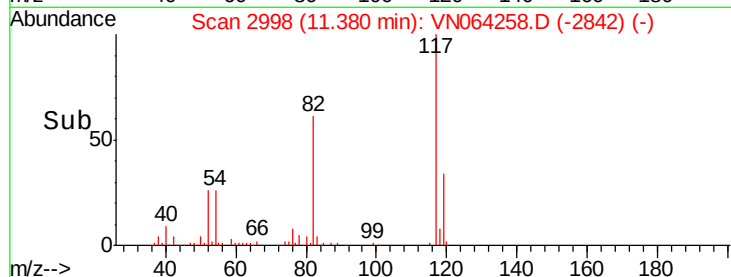
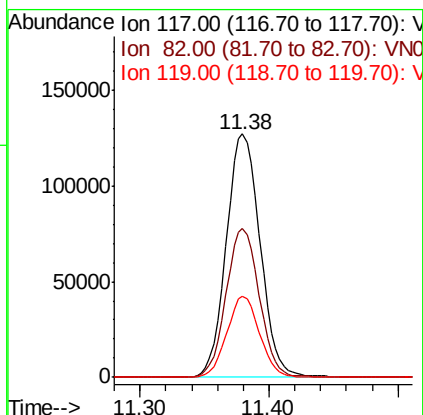
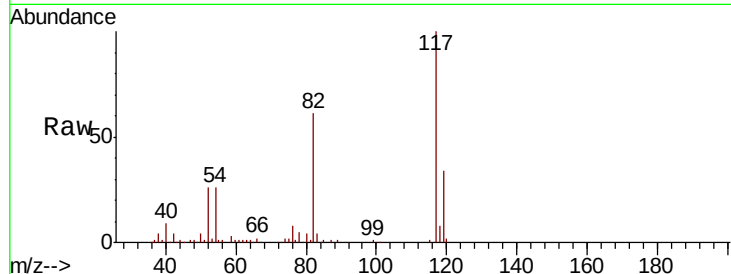




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

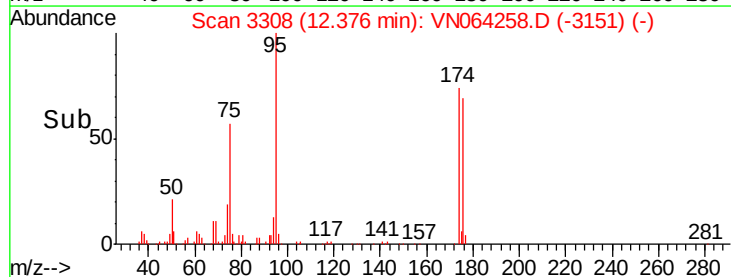
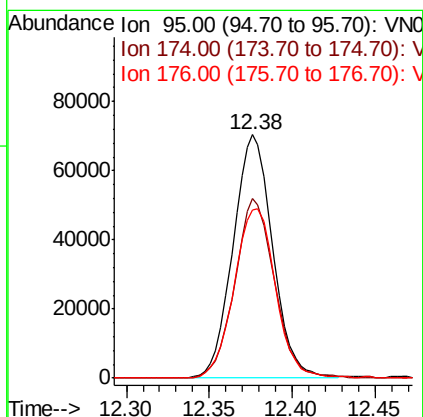
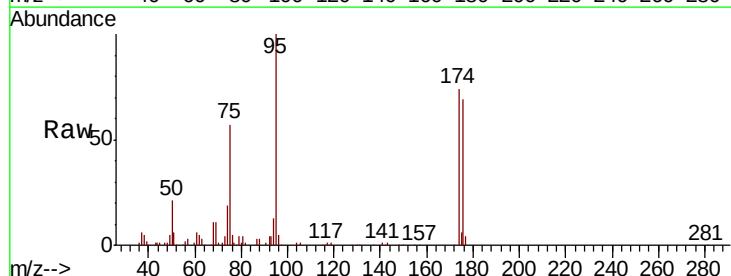
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL04

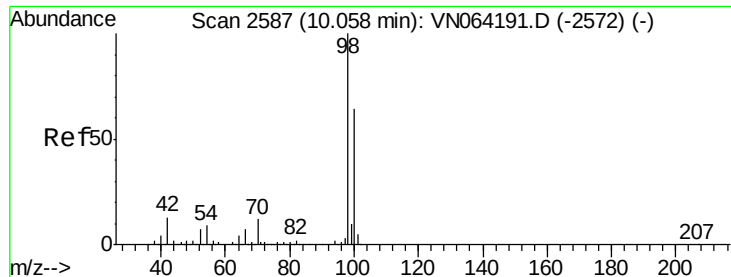
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.8	71.8
119	32.1	25.7	38.5



#60
4-Bromofluorobenzene
Concen: 28.026 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	57.6	86.4
176	72.9	54.9	82.3





#63

Toluene-d8

Concen: 29.755 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064258.D

Acq: 22 Oct 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

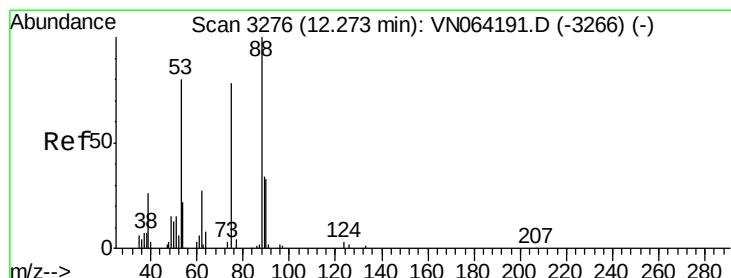
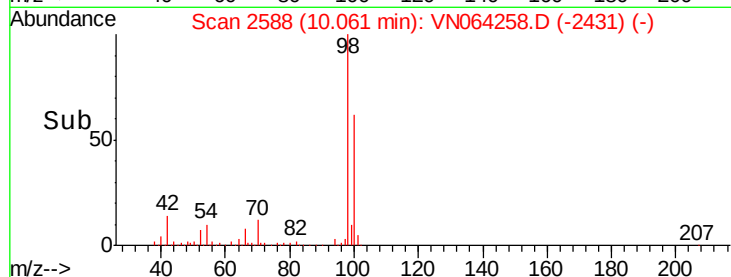
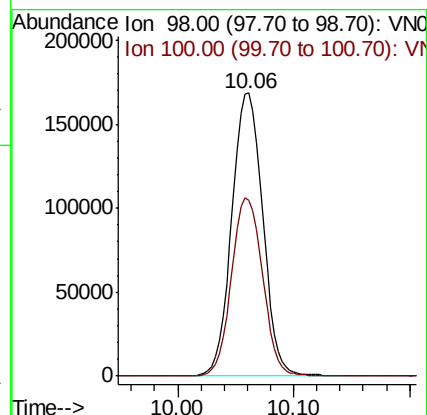
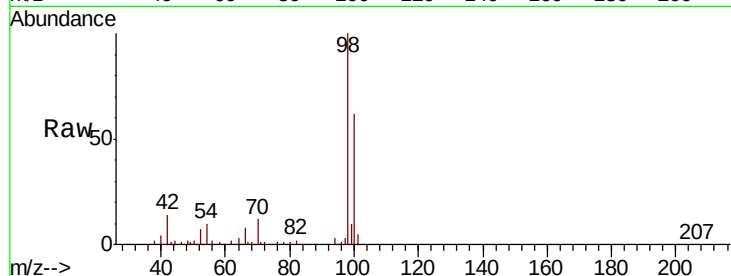
VN1022WBL04

Tot Ion: 98 Resp: 312874

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.2



#77

t-1,4-Dichloro-2-butene

Concen: 40.320 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064258.D

Acq: 22 Oct 2020 18:30

Tgt Ion: 75 Resp: 65591

Ion Ratio Lower Upper

75 100

53 0.0 51.4 154.2#

89 0.0 23.8 71.5#

