

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058952.D
 Acq On : 24 Oct 2019 11:54
 Operator : JC/SP
 Sample : K5504-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-22

Quant Time: Oct 25 01:17:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	54588	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	280749	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	251995	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	150231	32.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.10%
60) 4-Bromofluorobenzene	12.41	95	102476	23.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	77.50%
63) Toluene-d8	10.09	98	356634	29.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.90%

Target Compounds

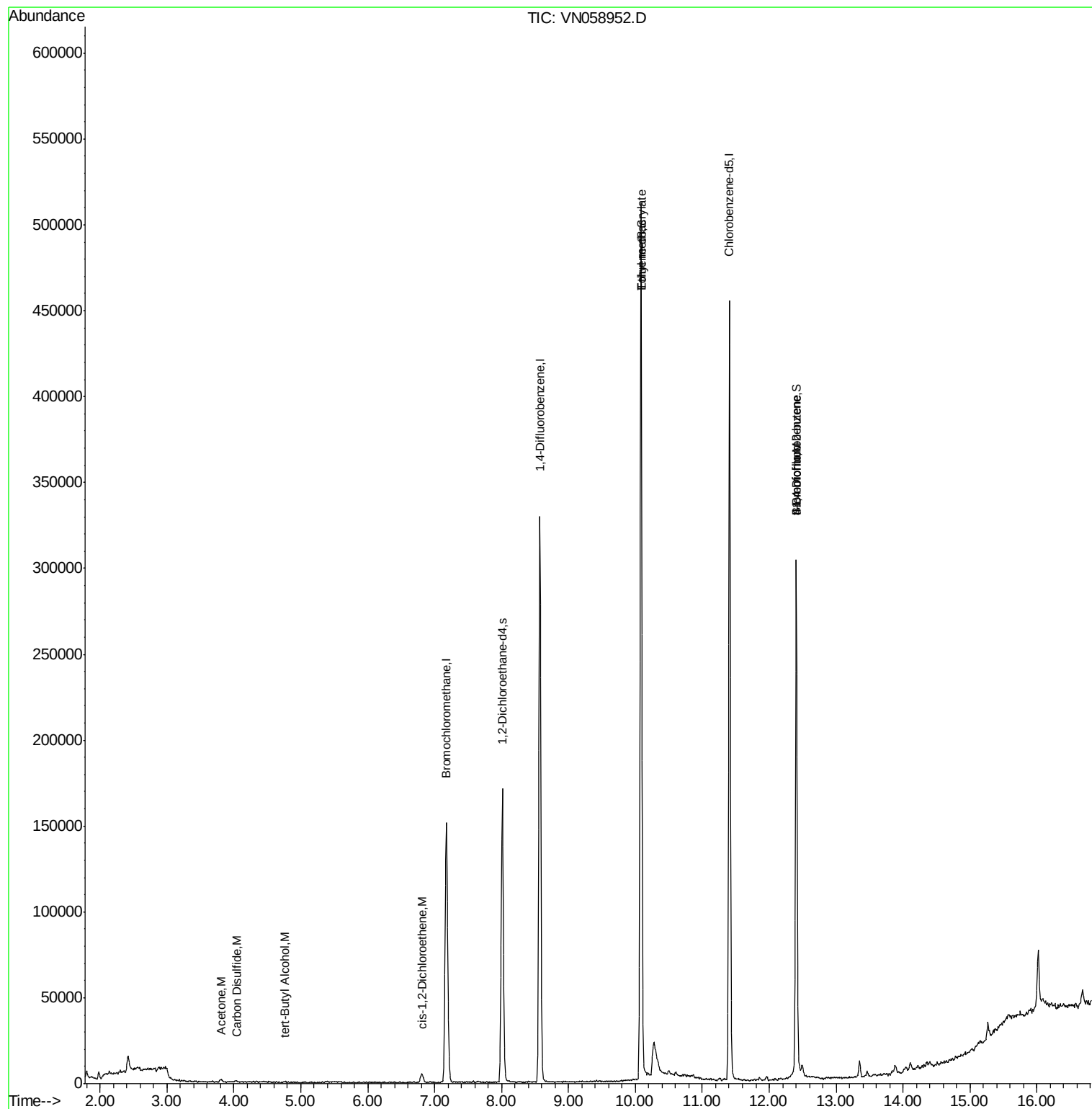
					Ovalue	
15) Acetone	3.80	58	179	0.335	ug/l #	1
16) Carbon Disulfide	4.04	76	1708	0.205	ug/l #	75
22) cis-1,2-Dichloroethene	6.81	96	2270	0.612	ug/l #	60
23) tert-Butyl Alcohol	4.75	59	158	0.215	ug/l #	100
51) Ethyl methacrylate	10.09	69	1448	0.283	ug/l	92
56) Bromoform	12.41	173	692	0.289	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.40	75	55575	32.584	ug/l #	10

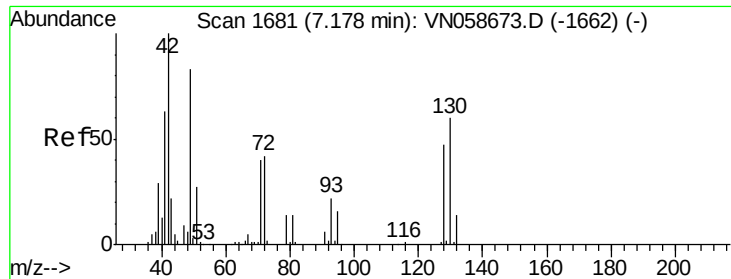
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058952.D

Acq: 24 Oct 2019 11:54

Instrument :

MSVOA_N

ClientSampled :

55-ST-22

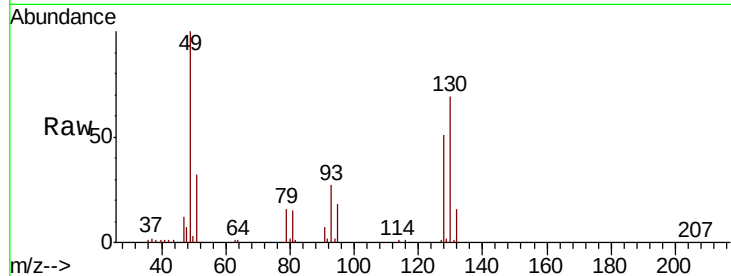
Tot Ion:128 Resp: 54588

Ion Ratio Lower Upper

128 100

49 189.4 0.0 453.5

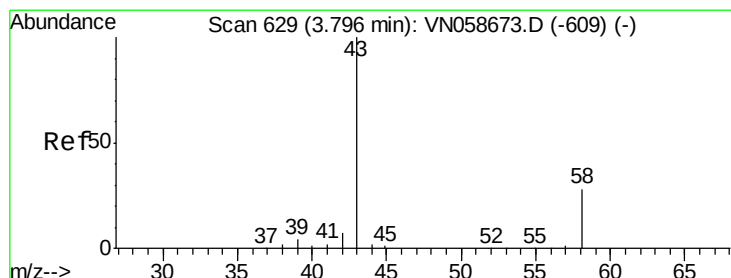
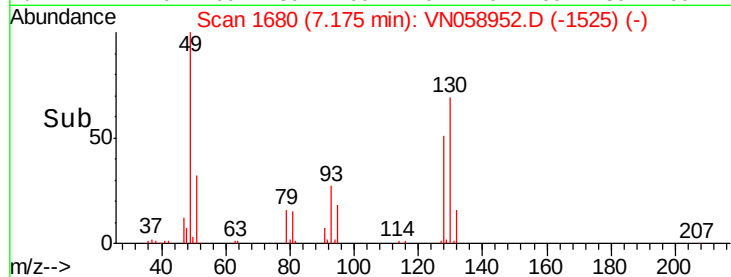
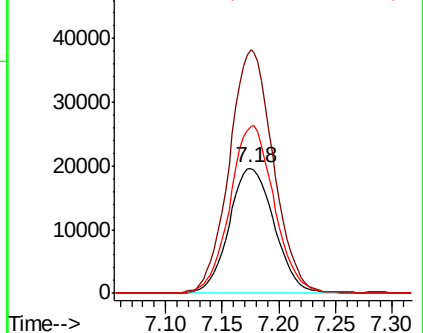
130 130.9 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.335 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058952.D

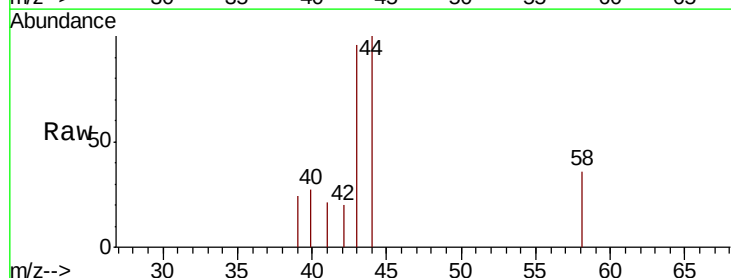
Acq: 24 Oct 2019 11:54

Tgt Ion: 58 Resp: 179

Ion Ratio Lower Upper

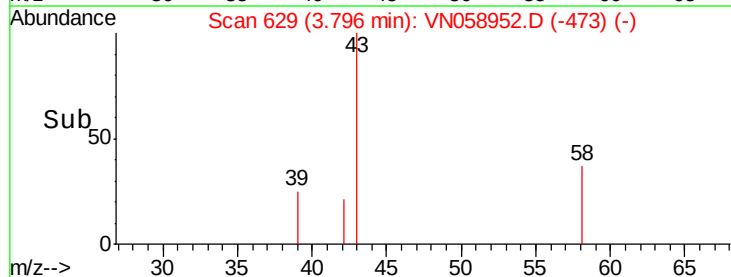
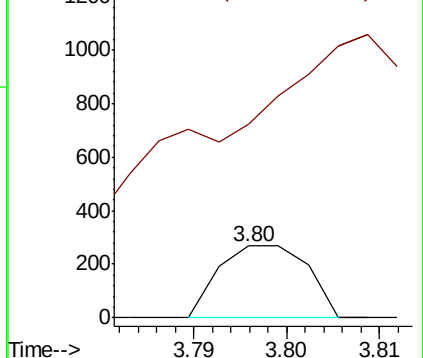
58 100

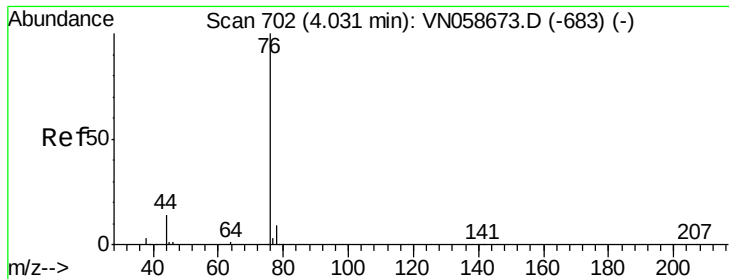
43 8.2 281.7 422.5#



Abundance Ion 58.00 (57.70 to 58.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

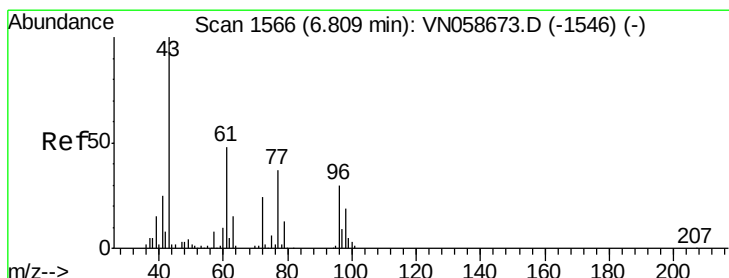
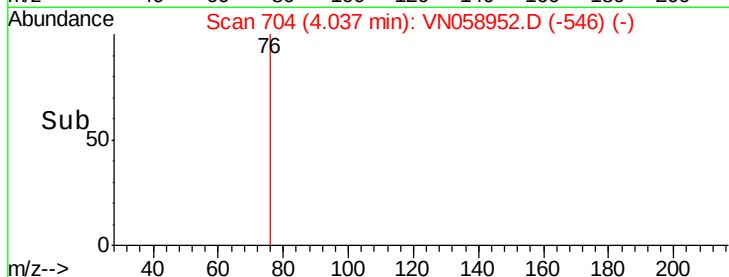
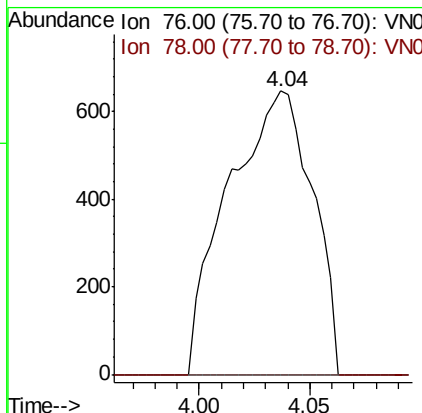
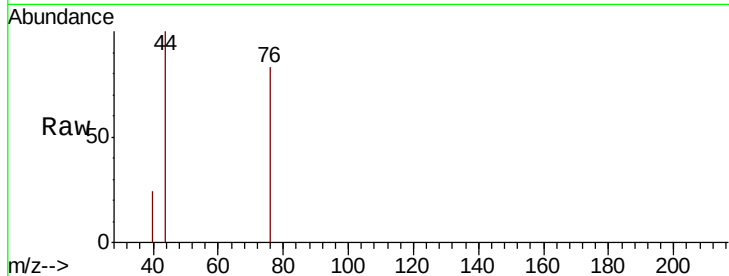




#16
Carbon Disulfide
Concen: 0.205 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

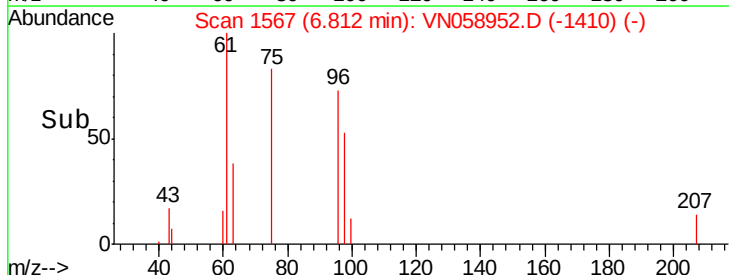
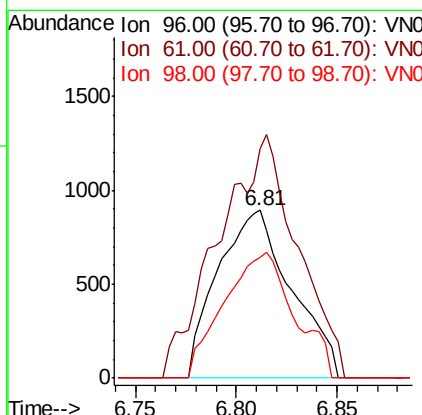
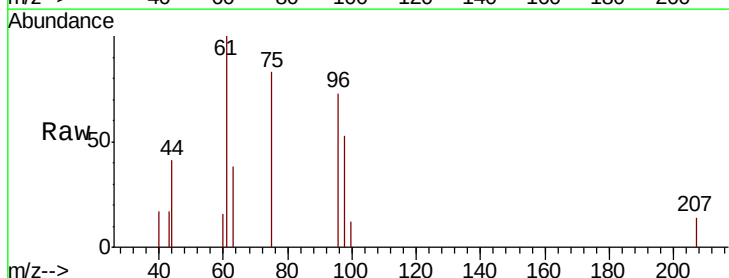
Instrument :
MSVOA_N
ClientSampleId :
55-ST-22

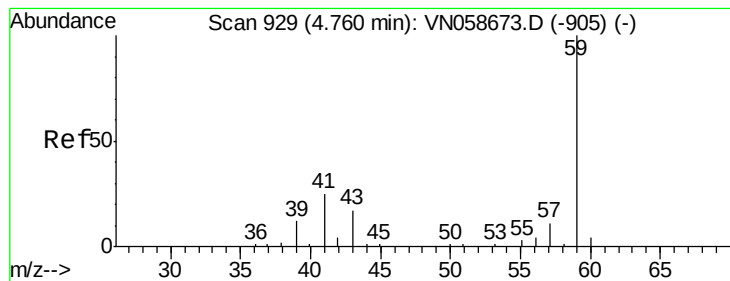
Tot Ion: 76 Resp: 1708
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#22
cis-1,2-Dichloroethene
Concen: 0.612 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

Tgt Ion: 96 Resp: 2270
Ion Ratio Lower Upper
96 100
61 87.8 127.2 190.8#
98 65.6 50.5 75.7



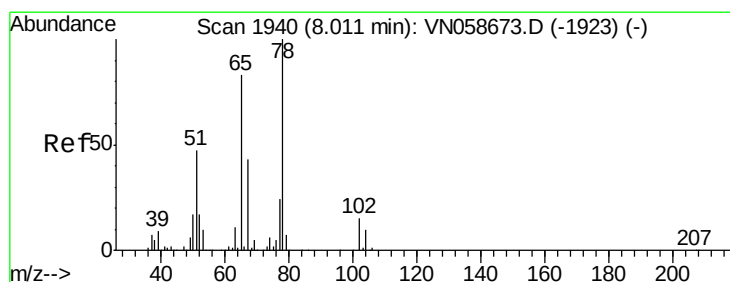
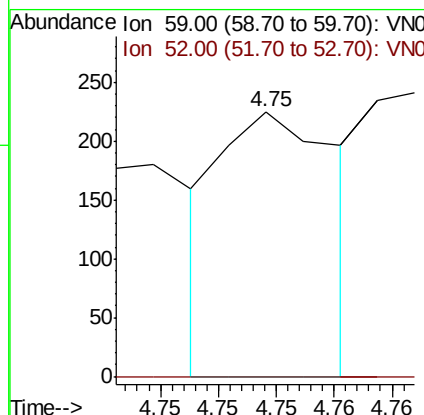
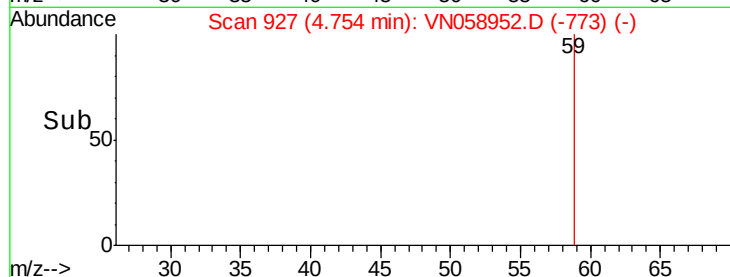
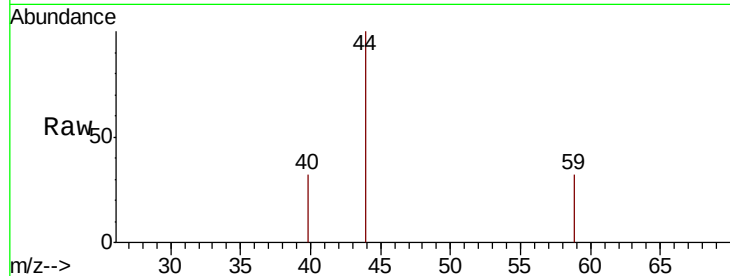


#23

tert-Butyl Alcohol
 Concen: 0.215 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN058952.D
 Acq: 24 Oct 2019 11:54

Instrument :
 MSVOA_N
 ClientSampled :
 55-ST-22

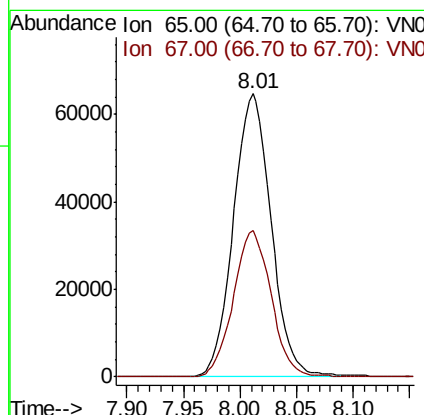
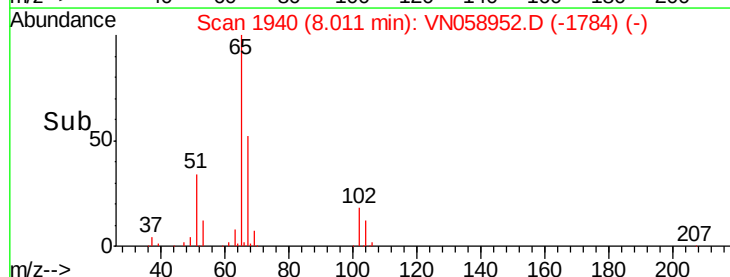
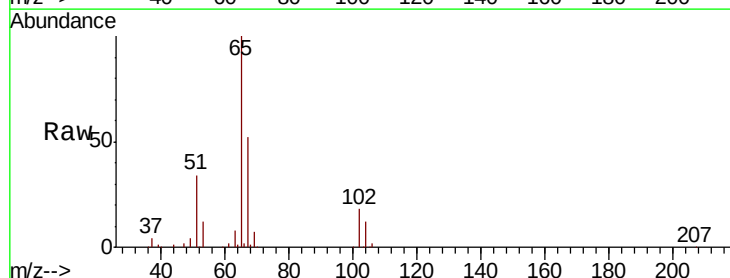
Tot Ion: 59 Resp: 158
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

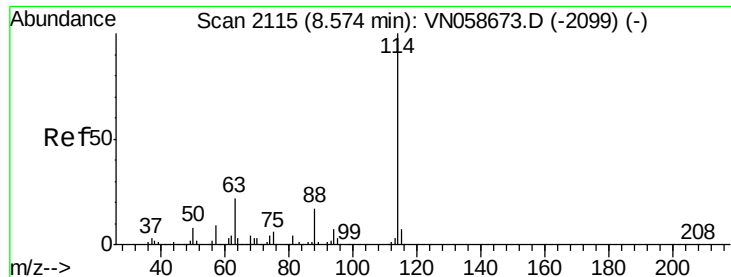


#27

1,2-Dichloroethane-d4
 Concen: 32.426 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058952.D
 Acq: 24 Oct 2019 11:54

Tgt Ion: 65 Resp: 150231
 Ion Ratio Lower Upper
 65 100
 67 51.6 41.5 62.3

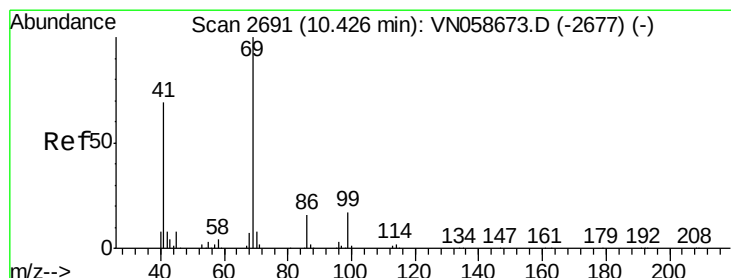
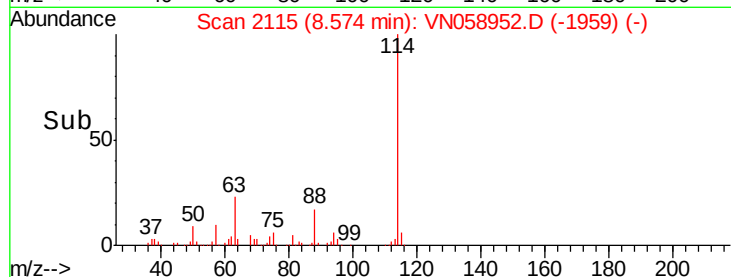
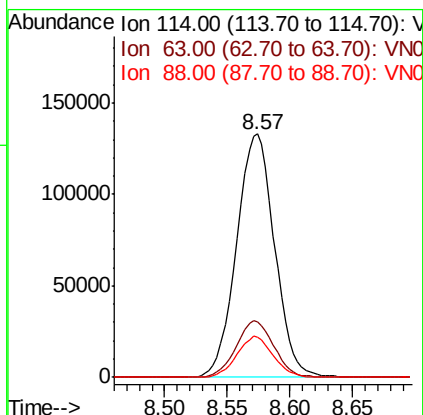
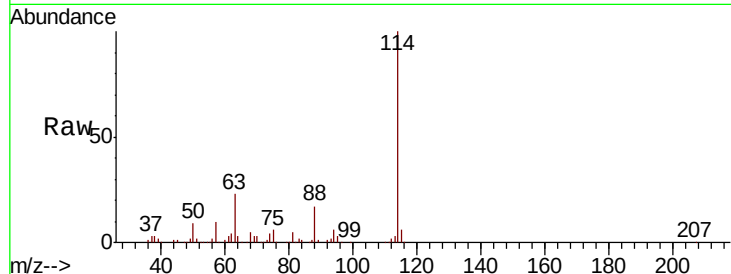




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058952.D
 Acq: 24 Oct 2019 11:54

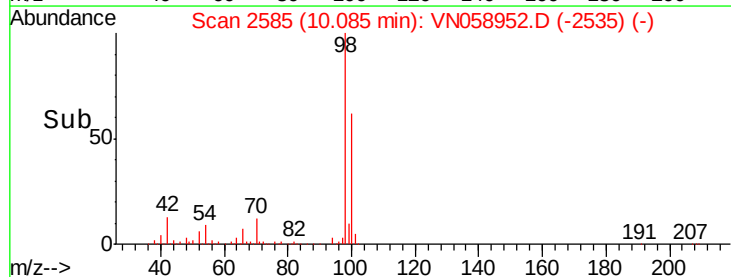
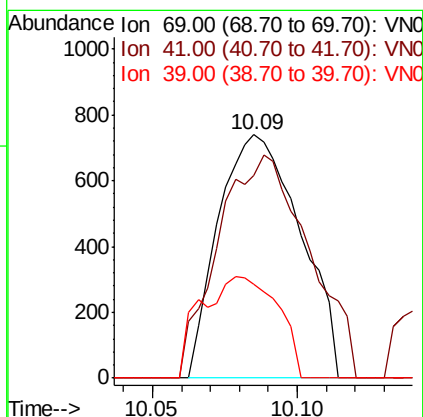
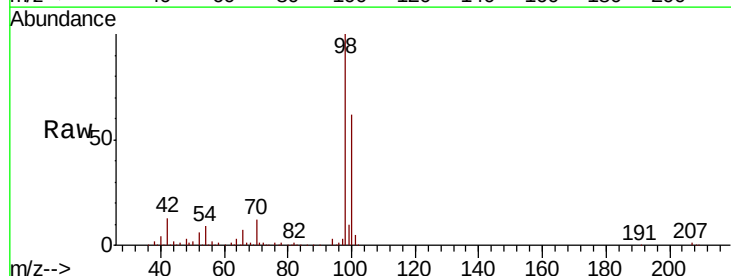
Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-22

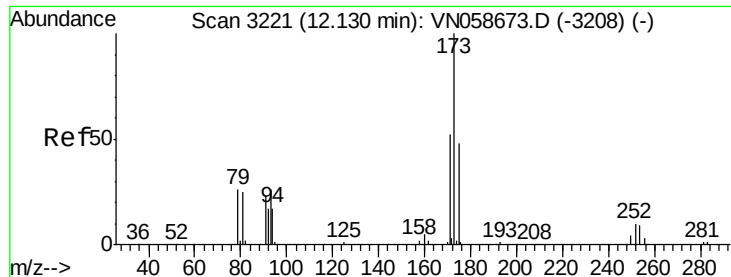
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	18.1	27.1
88	16.0	13.0	19.4



#51
 Ethyl methacrylate
 Concen: 0.283 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. -0.34 min
 Lab File: VN058952.D
 Acq: 24 Oct 2019 11:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.1	34.7	104.1
39	38.6	20.3	60.8

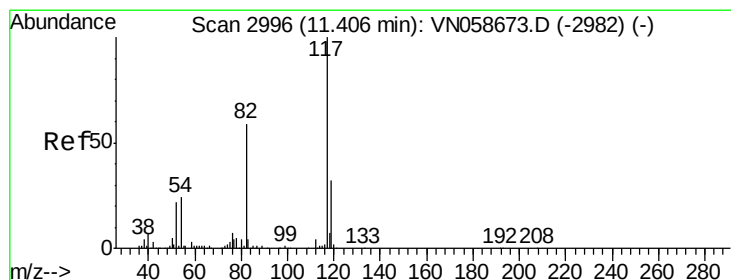
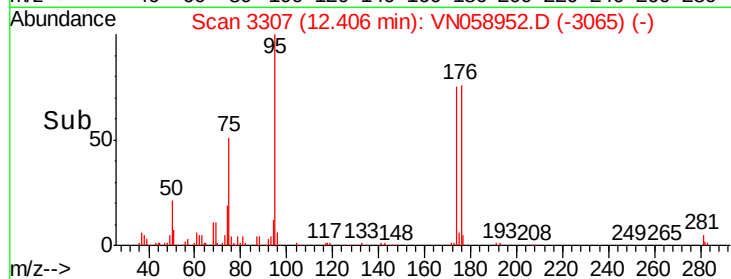
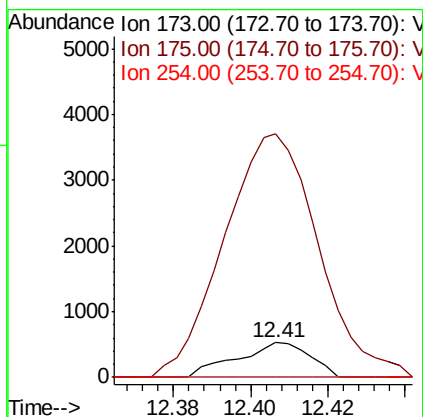
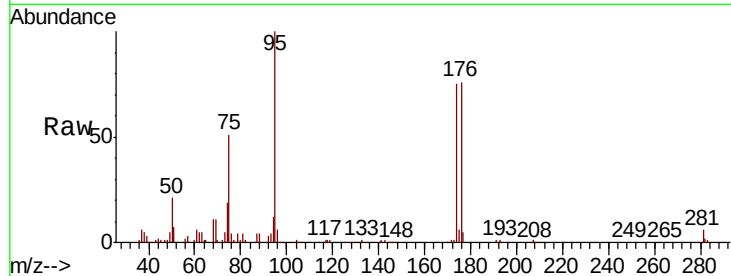




#56
Bromoform
Concen: 0.289 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

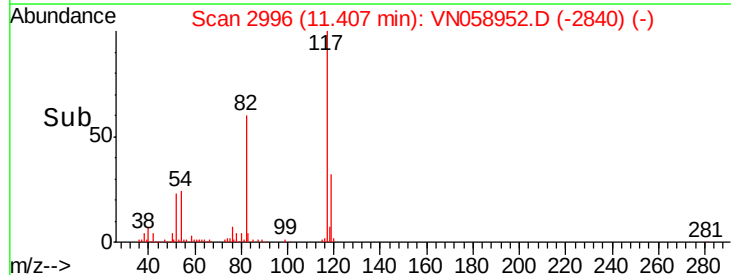
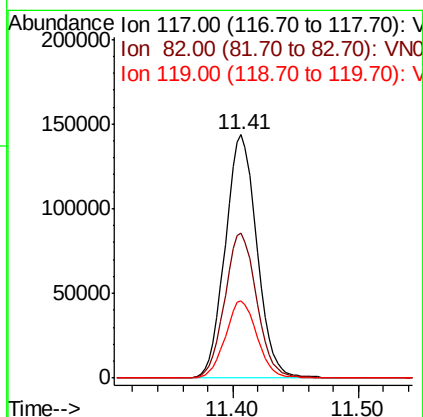
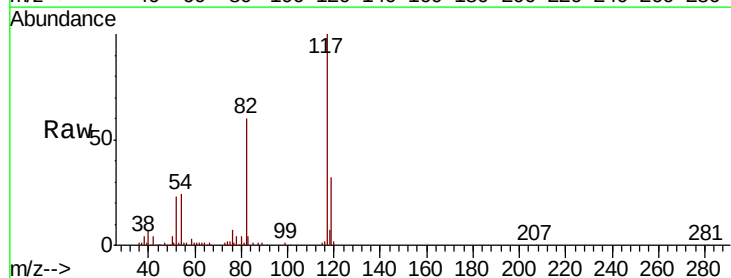
Instrument :
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55-ST-22

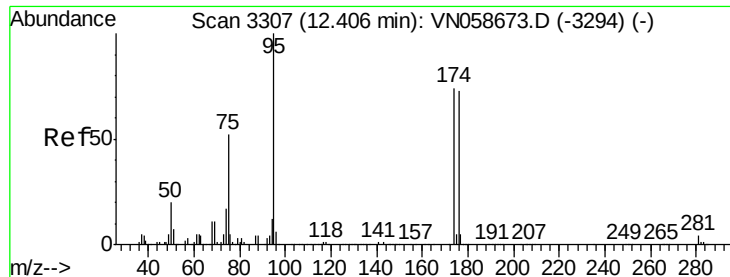
Tot Ion:173 Resp: 692
Ion Ratio Lower Upper
173 100
175 907.4 38.7 58.1#
254 0.0 7.4 11.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

Tgt Ion:117 Resp: 251995
Ion Ratio Lower Upper
117 100
82 60.3 46.9 70.3
119 31.8 25.8 38.6

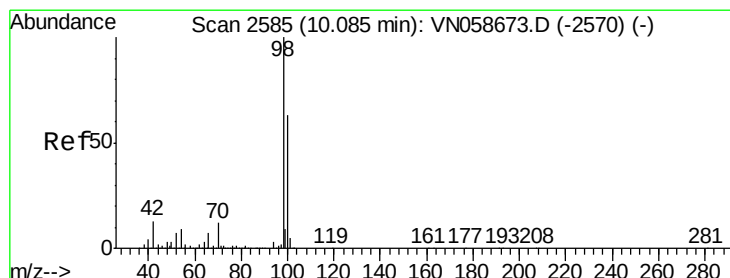
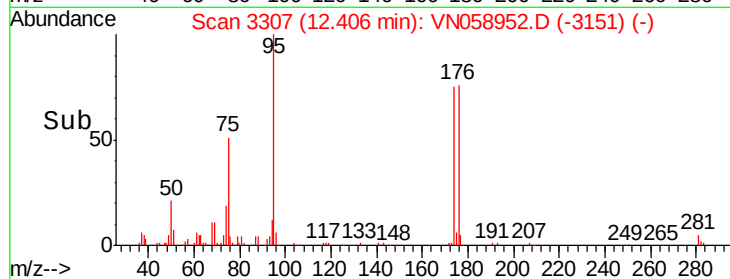
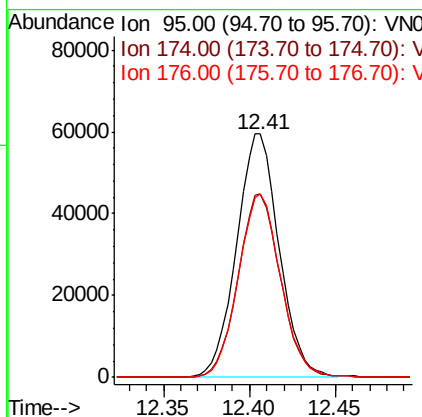
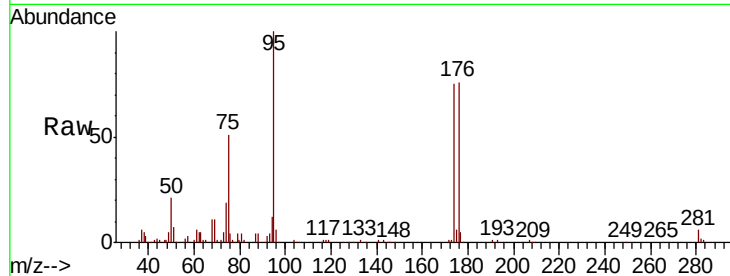




#60
4-Bromofluorobenzene
Concen: 23.247 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

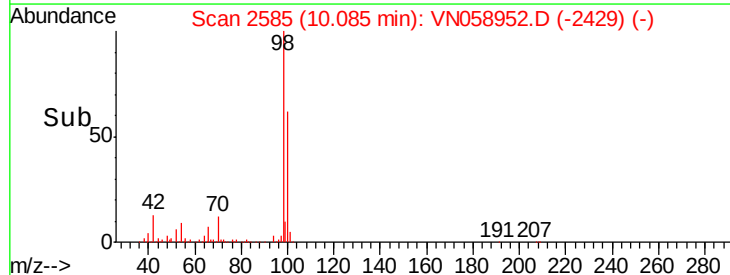
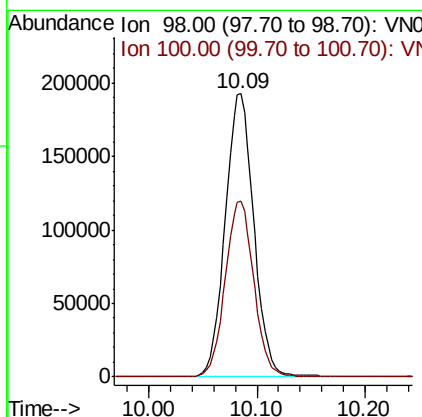
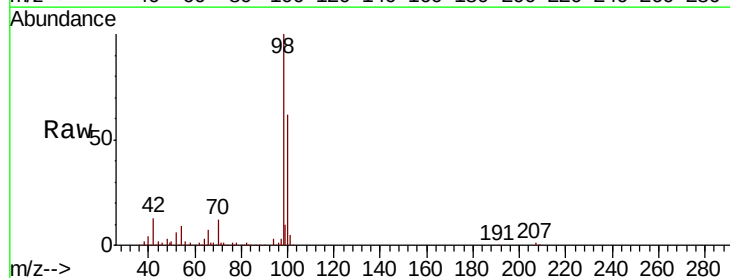
Instrument :
MSVOA_N
ClientSampleId :
55-ST-22

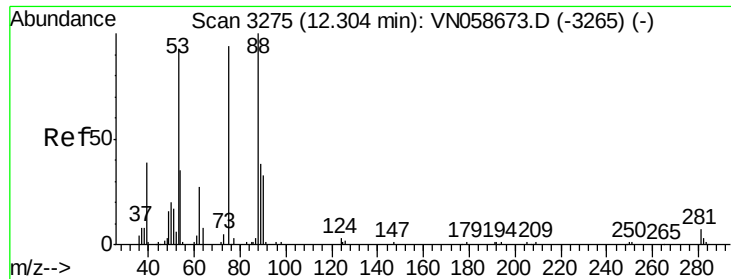
Tot Ion: 95 Resp: 102476
Ion Ratio Lower Upper
95 100
174 75.1 59.9 89.9
176 75.1 58.3 87.5



#63
Toluene-d8
Concen: 29.974 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

Tgt Ion: 98 Resp: 356634
Ion Ratio Lower Upper
98 100
100 61.9 50.6 75.8





#77
t-1,4-Dichloro-2-butene
Concen: 32.584 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

Instrument :
MSVOA_N
ClientSampleId :
55-ST-22

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.0	150.0#
89	0.0	20.7	62.1#

