

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077643.D
 Acq On : 09 May 2023 19:44
 Operator : JC\MD
 Sample : 02665-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-612-VOC-02

Quant Time: May 10 04:51:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

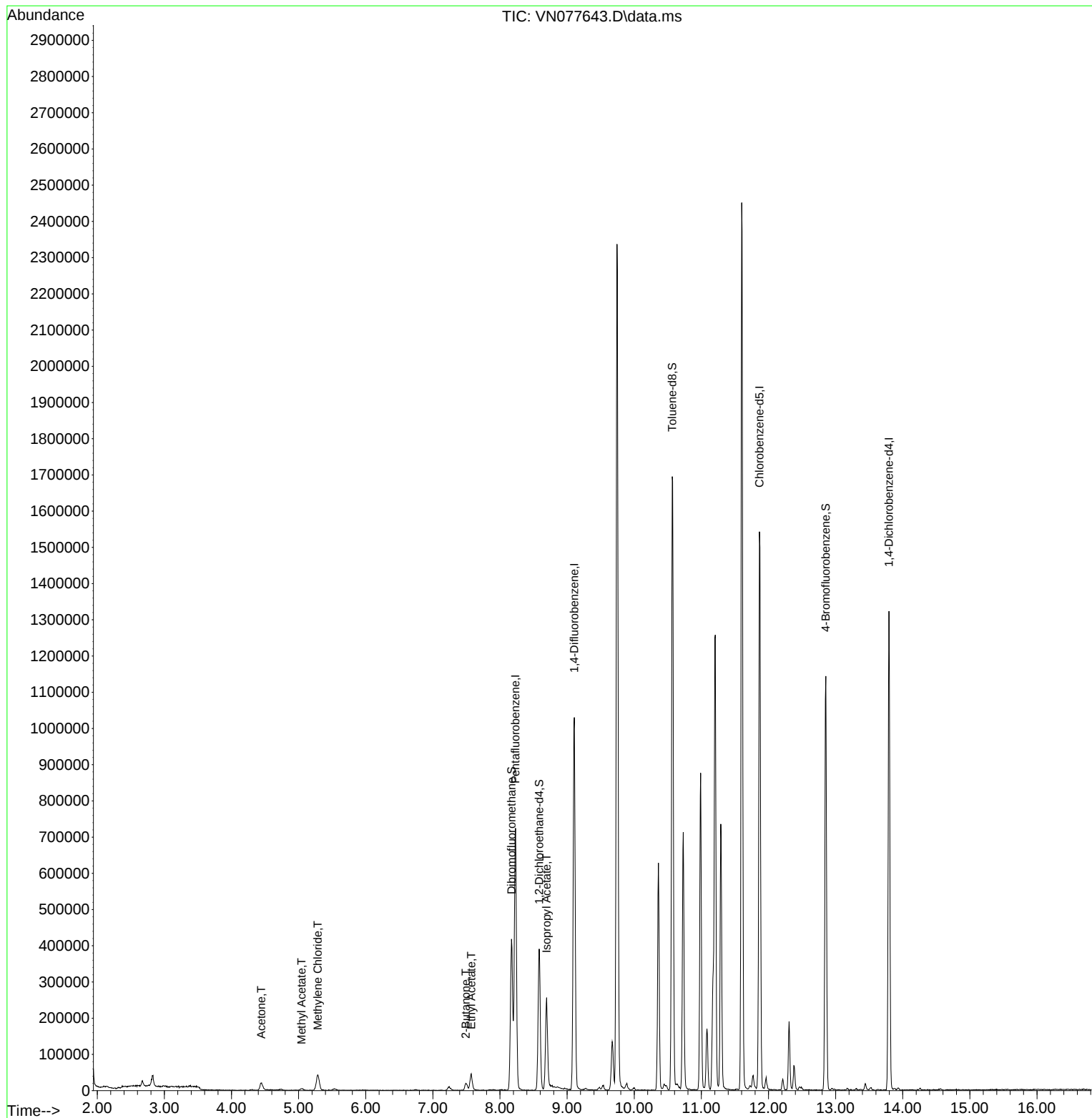
Internal Standards						
1) Pentafluorobenzene	8.231	168	532647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	964383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	984634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	364452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	325201	48.141	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.280%
35) Dibromofluoromethane	8.172	113	297314	49.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.860%
50) Toluene-d8	10.566	98	1252480	55.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.000%
62) 4-Bromofluorobenzene	12.854	95	425392	55.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.460%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	36002	22.443	ug/l #	85
18) Methyl Acetate	5.043	43	9863	1.551	ug/l #	73
20) Methylene Chloride	5.284	84	37732	5.676	ug/l	91
25) 2-Butanone	7.489	43	29773	12.698	ug/l #	86
37) Ethyl Acetate	7.572	43	61503	12.959	ug/l	98
43) Isopropyl Acetate	8.695	43	279639	33.605	ug/l #	88

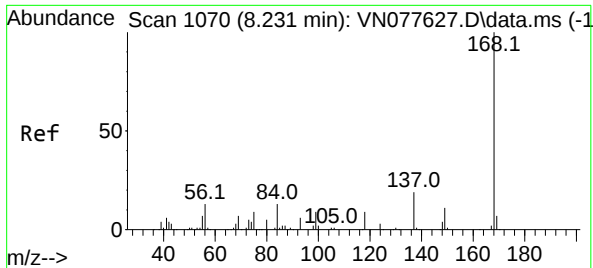
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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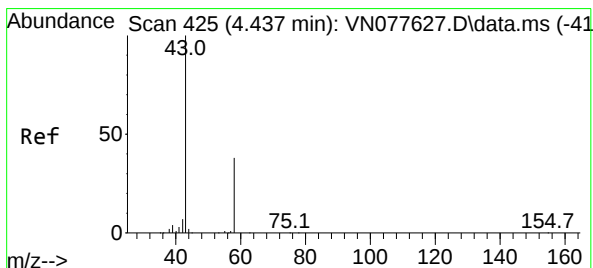
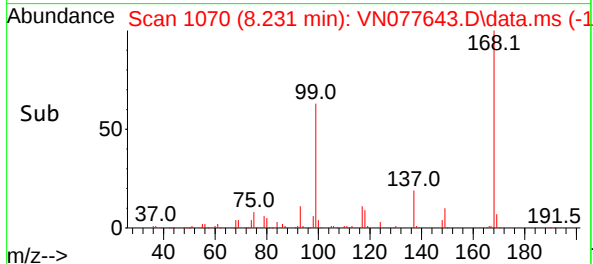
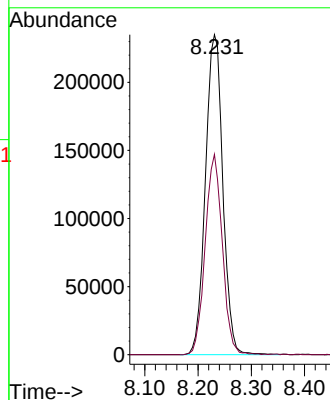
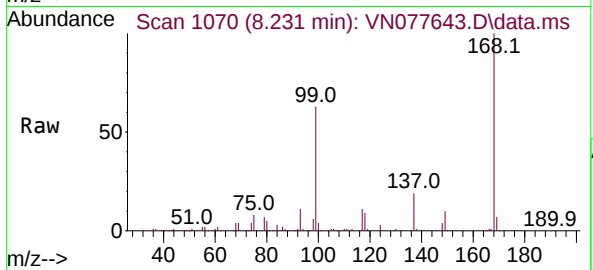




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

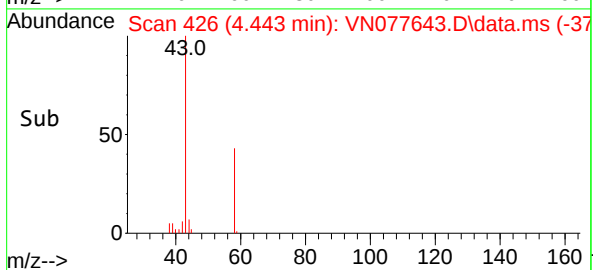
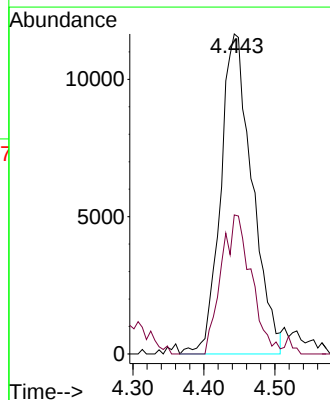
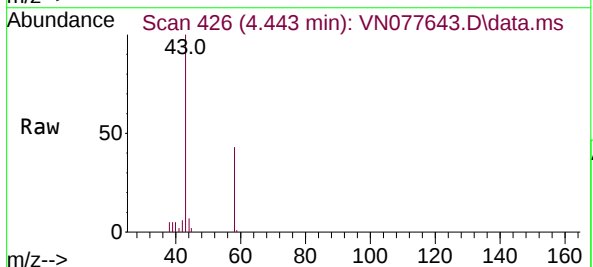
Instrument :
MSVOA_N
ClientSampleId :
TR-612-VOC-02

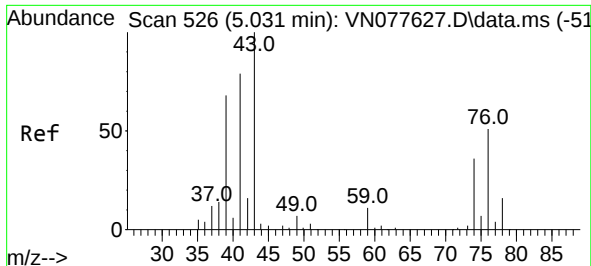
Tgt Ion:168 Resp: 532647
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#16
Acetone
Concen: 22.443 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

Tgt Ion: 43 Resp: 36002
Ion Ratio Lower Upper
43 100
58 43.4 28.0 42.0#

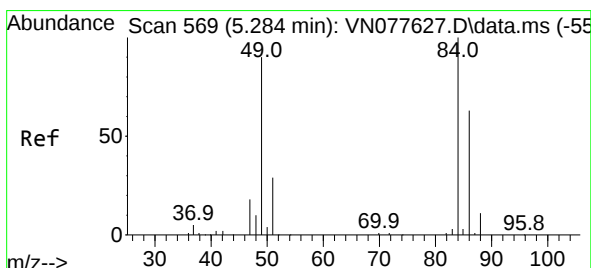
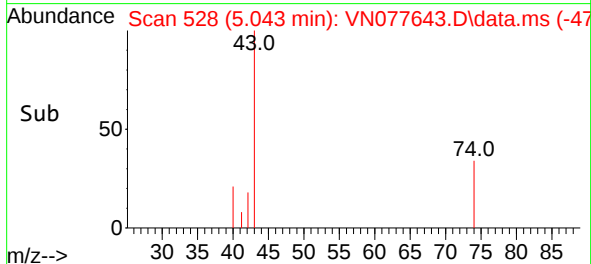
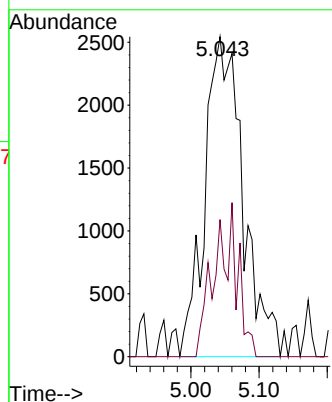
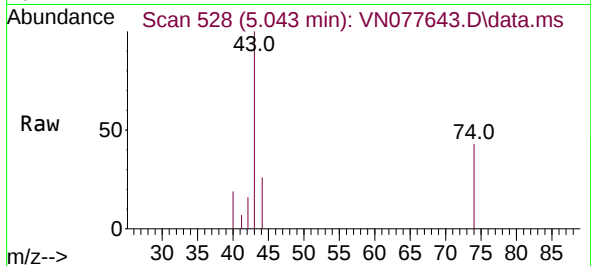




#18
Methyl Acetate
Concen: 1.551 ug/l
RT: 5.043 min Scan# 518
Delta R.T. 0.012 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

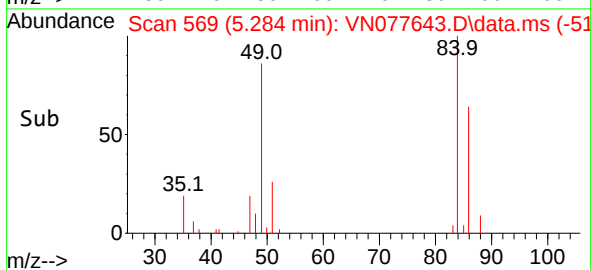
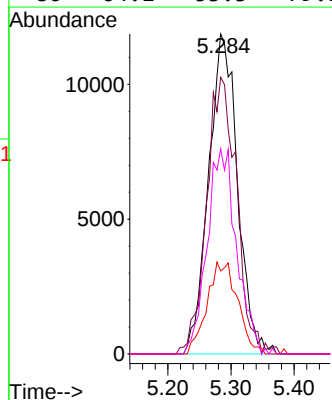
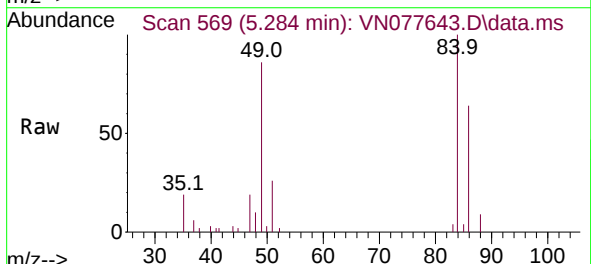
Instrument :
MSVOA_N
ClientSampleId :
TR-612-VOC-02

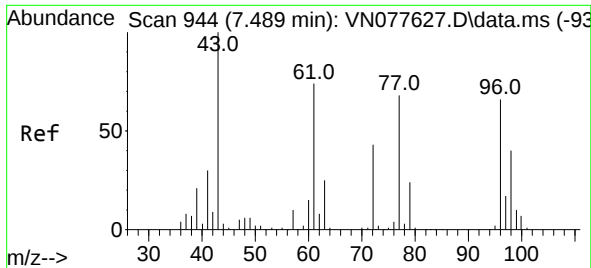
Tgt Ion: 43 Resp: 9863
Ion Ratio Lower Upper
43 100
74 17.5 26.2 39.4#



#20
Methylene Chloride
Concen: 5.676 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.000 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

Tgt Ion: 84 Resp: 37732
Ion Ratio Lower Upper
84 100
49 86.4 79.7 119.5
51 25.9 25.2 37.8
86 64.1 53.3 79.9

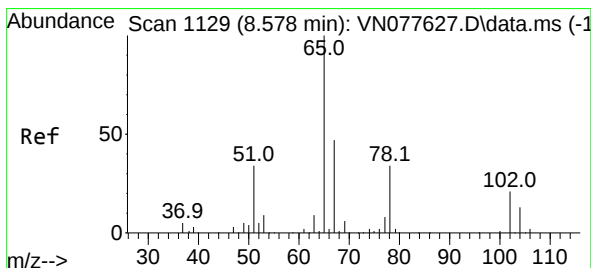
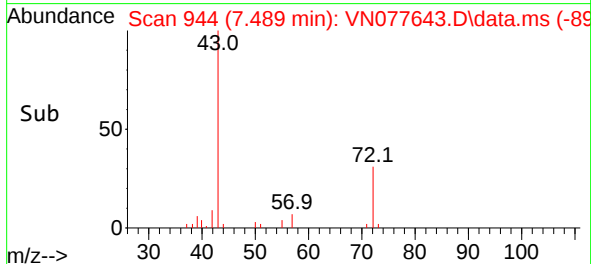
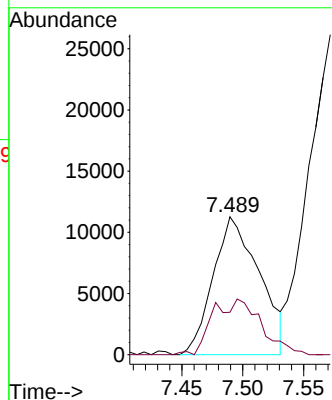
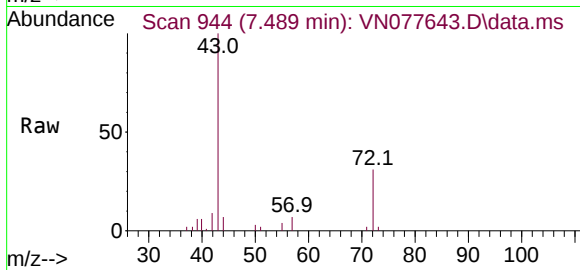




#25
2-Butanone
Concen: 12.698 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

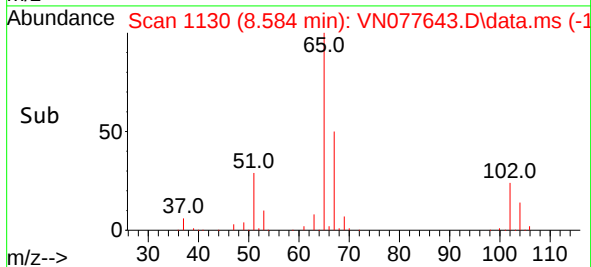
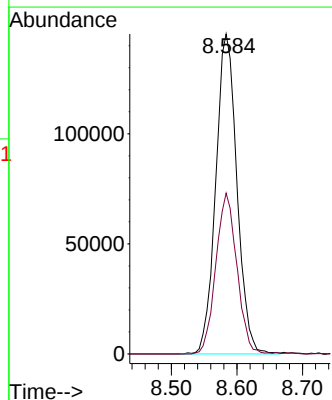
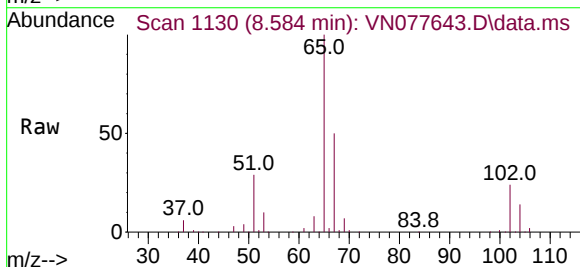
Instrument :
MSVOA_N
ClientSampleId :
TR-612-VOC-02

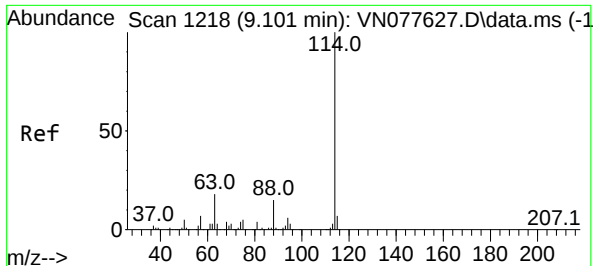
Tgt Ion: 43 Resp: 29773
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 48.141 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

Tgt Ion: 65 Resp: 325201
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077643.D

Acq: 09 May 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :

TR-612-VOC-02

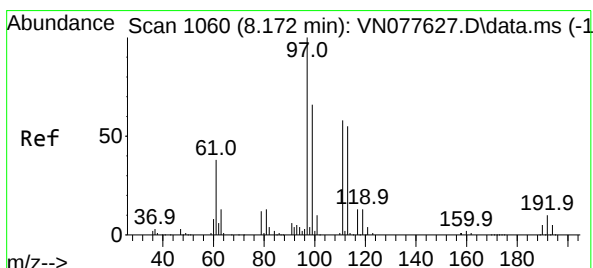
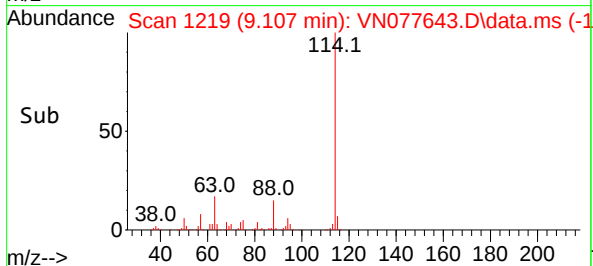
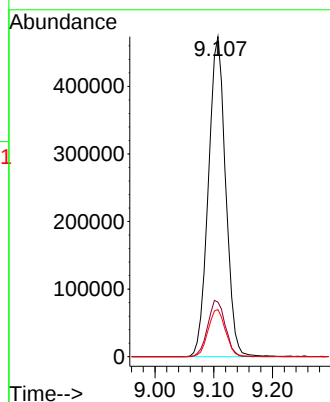
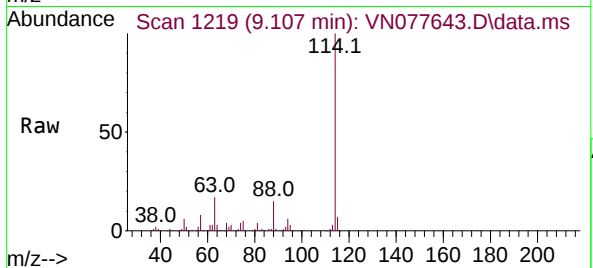
Tgt Ion:114 Resp: 964383

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.432 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077643.D

Acq: 09 May 2023 19:44

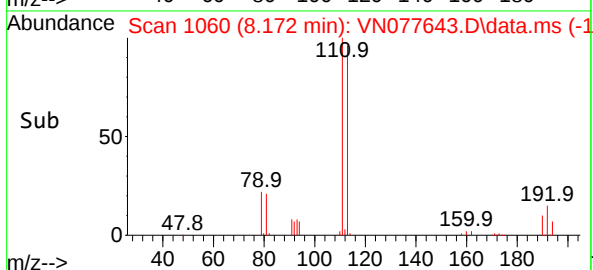
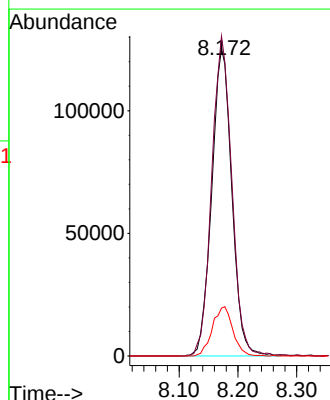
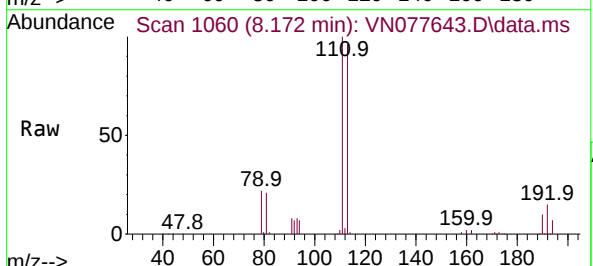
Tgt Ion:113 Resp: 297314

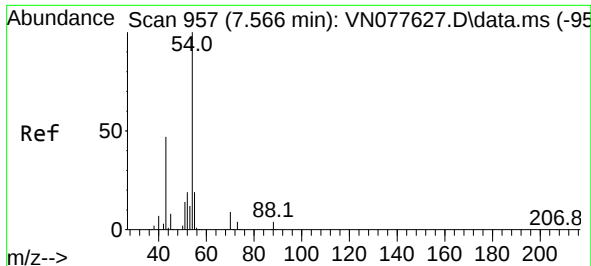
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 16.4 12.7 19.1





#37

Ethyl Acetate

Concen: 12.959 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077643.D

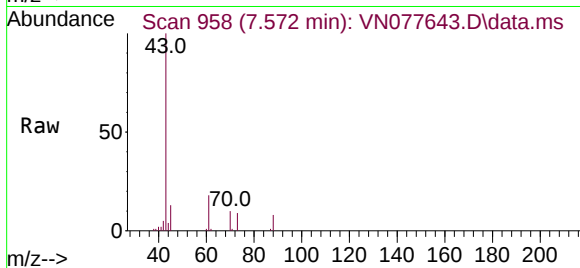
Acq: 09 May 2023 19:44

Instrument :

MSVOA_N

ClientSampleId :

TR-612-VOC-02



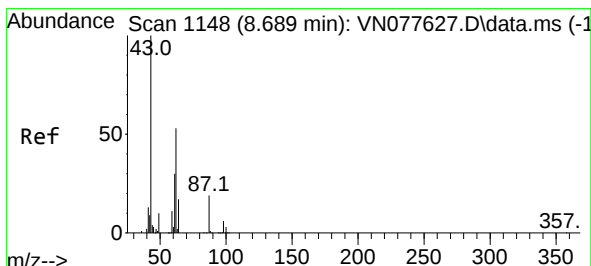
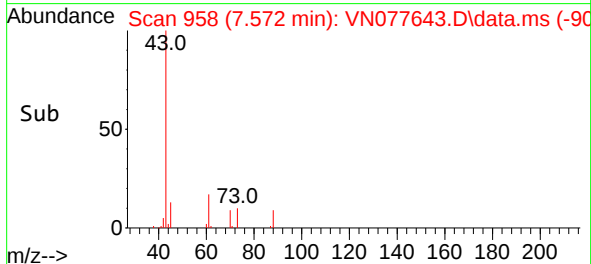
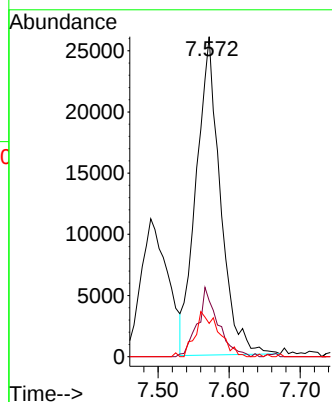
Tgt Ion: 43 Resp: 61503

Ion Ratio Lower Upper

43 100

61 18.3 13.2 19.8

70 13.9 11.3 16.9



#43

Isopropyl Acetate

Concen: 33.605 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077643.D

Acq: 09 May 2023 19:44

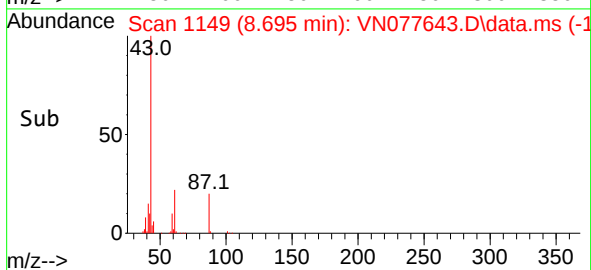
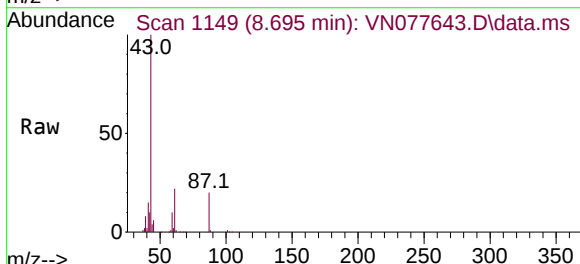
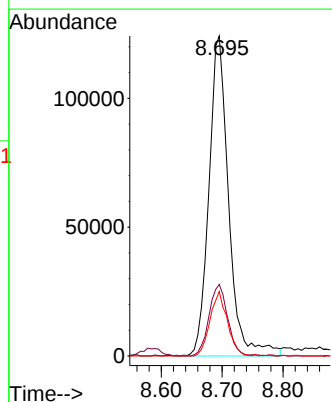
Tgt Ion: 43 Resp: 279639

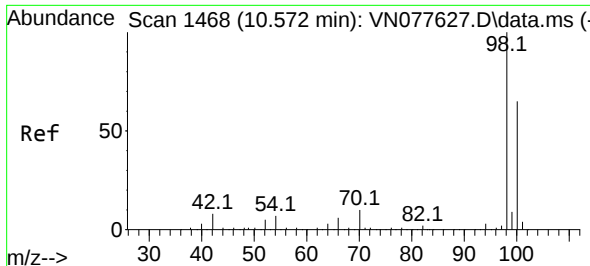
Ion Ratio Lower Upper

43 100

61 21.0 24.7 37.1#

87 17.7 14.6 21.8

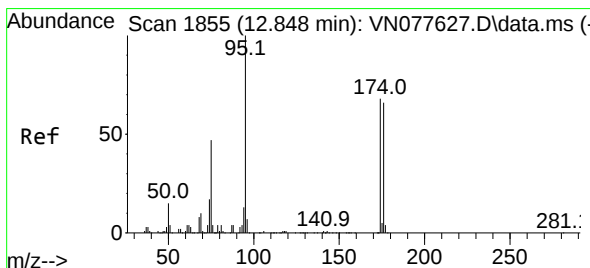
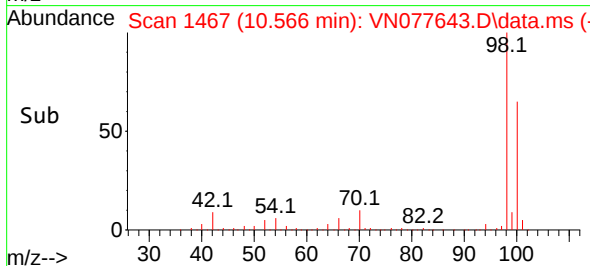
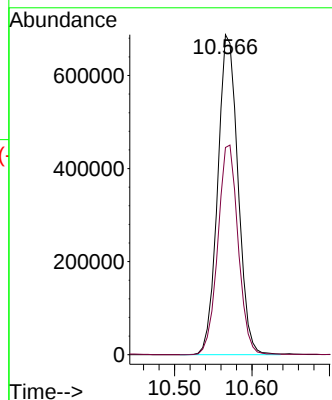
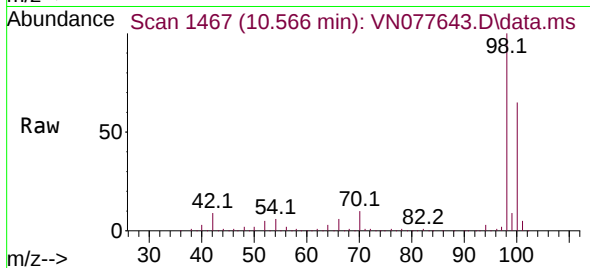




#50
Toluene-d8
Concen: 55.002 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

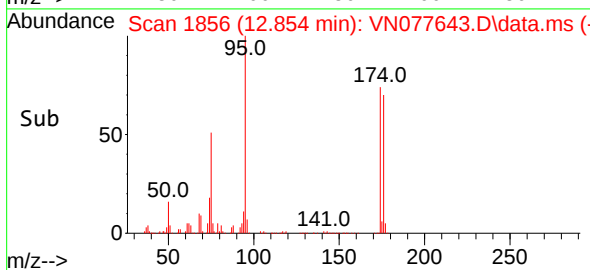
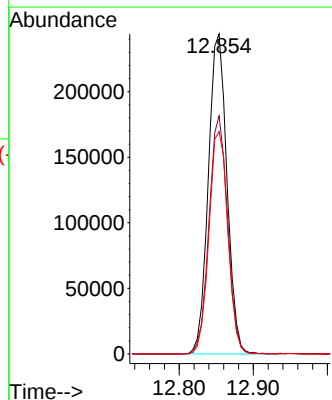
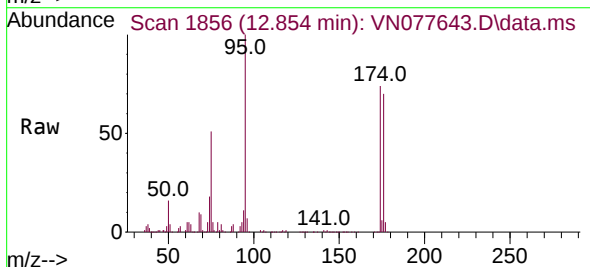
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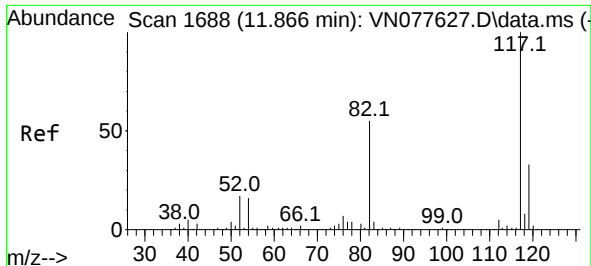
Tgt Ion: 98 Resp: 1252480
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.232 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

Tgt Ion: 95 Resp: 425392
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 70.2 0.0 135.8

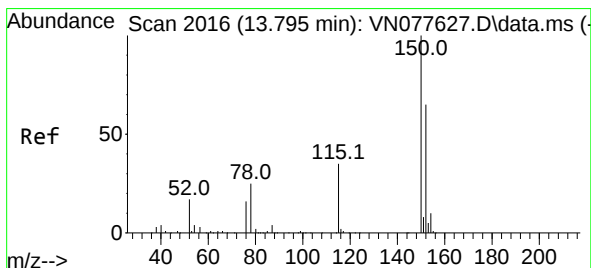
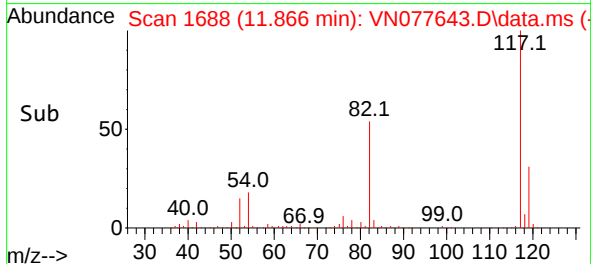
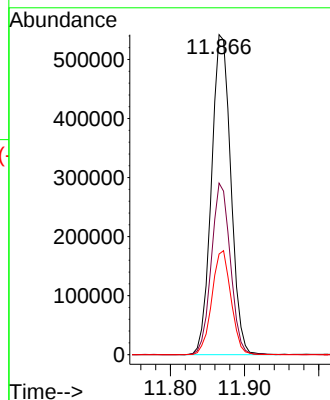
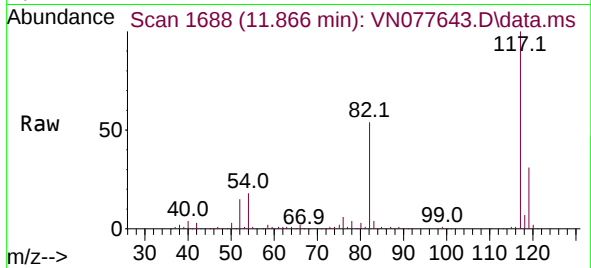




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

Instrument :
MSVOA_N
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TR-612-VOC-02

Tgt Ion:117 Resp: 984634
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077643.D
Acq: 09 May 2023 19:44

Tgt Ion:152 Resp: 364452
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 155.6 0.0 355.8

