

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077524.D
 Acq On : 29 Apr 2023 17:17
 Operator : JC\MD
 Sample : PB152434ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152434ZHE#08

Quant Time: May 01 01:24:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

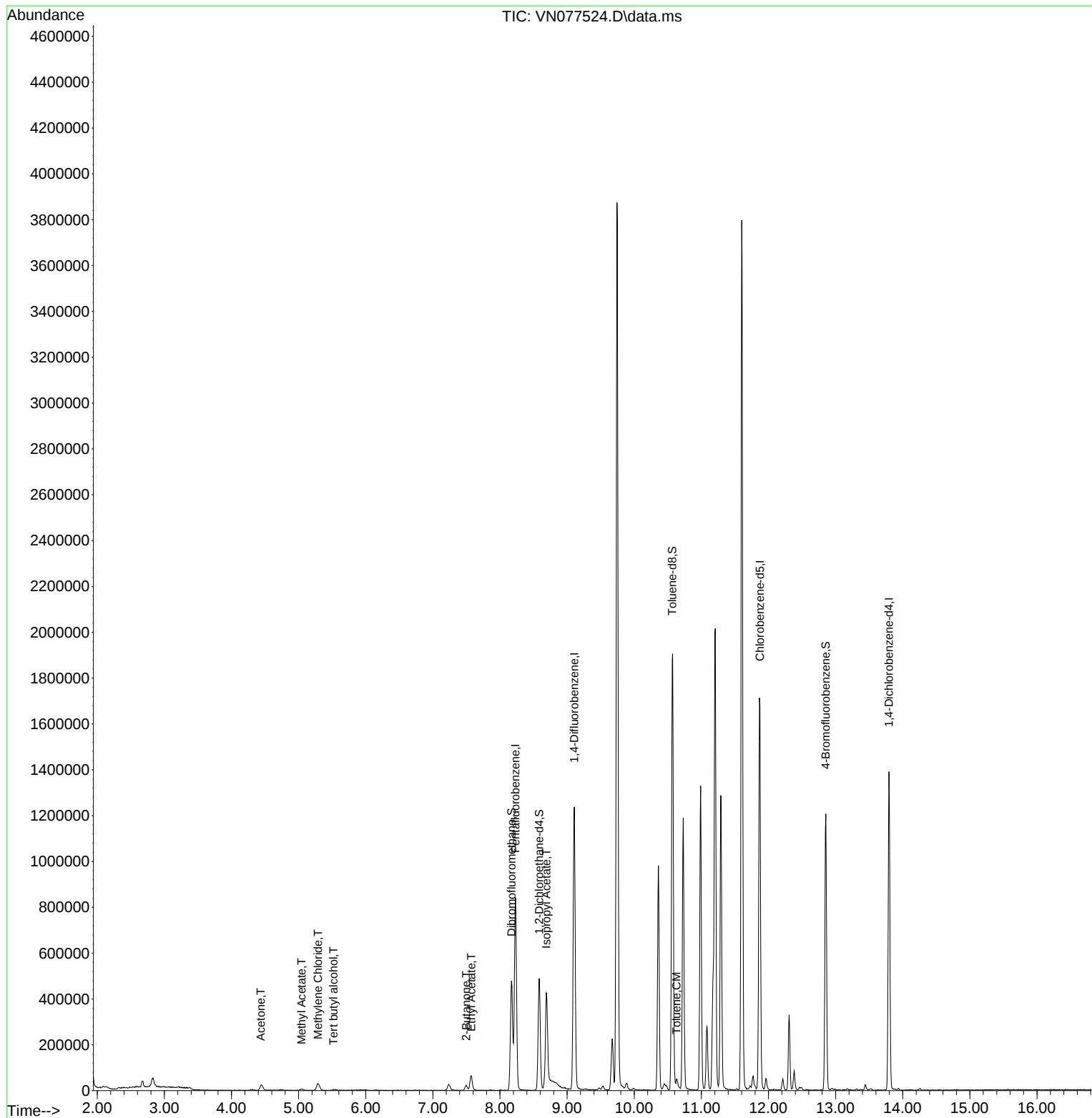
Internal Standards						
1) Pentafluorobenzene	8.231	168	591665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1132831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1052561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	379504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	400218	51.838	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.680%	
35) Dibromofluoromethane	8.172	113	350096	51.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	10.566	98	1404322	53.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.854	95	448812	52.568	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.140%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.519	59	7738m	6.243	ug/l	
16) Acetone	4.437	43	45520	18.533	ug/l	97
18) Methyl Acetate	5.043	43	10197	1.075	ug/l #	61
20) Methylene Chloride	5.290	84	25600	3.287	ug/l #	81
25) 2-Butanone	7.495	43	32848	9.429	ug/l #	80
37) Ethyl Acetate	7.572	43	90314	12.082	ug/l	97
43) Isopropyl Acetate	8.689	43	502835	38.885	ug/l #	85
52) Toluene	10.630	92	19956	1.017	ug/l	91

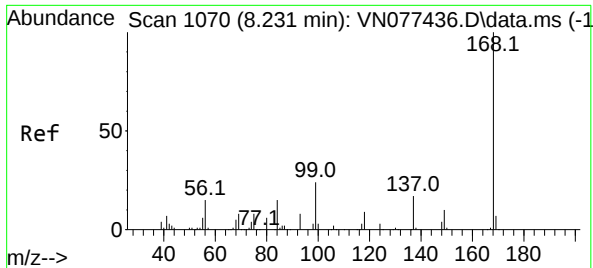
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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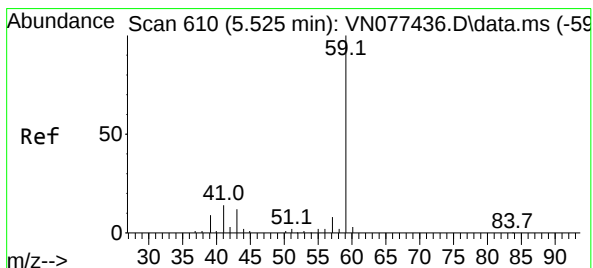
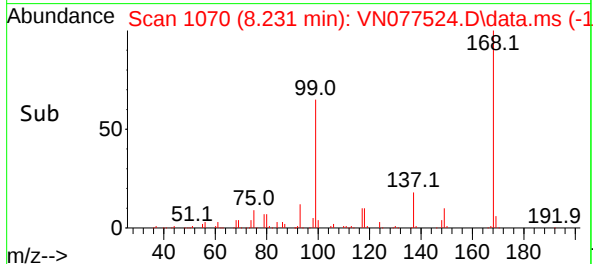
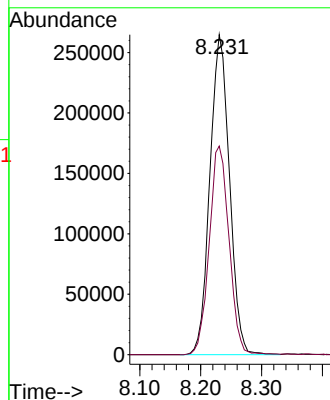
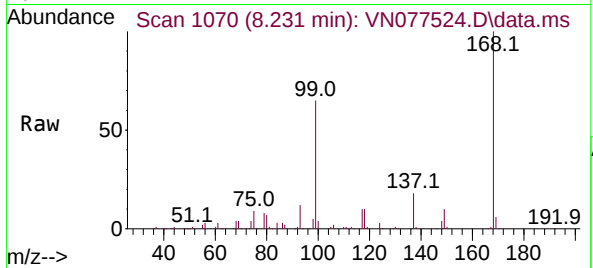




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

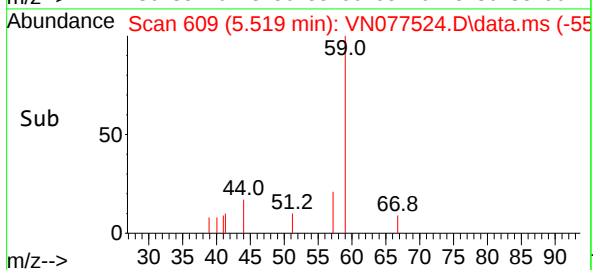
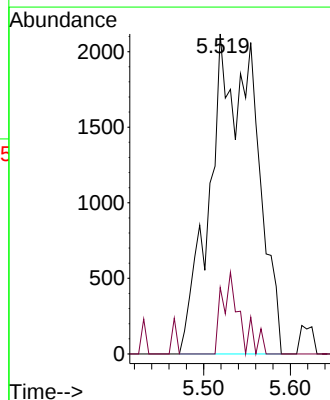
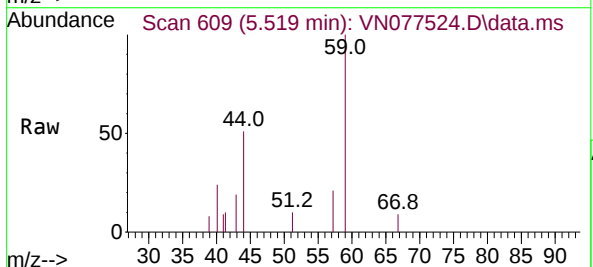
Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#08

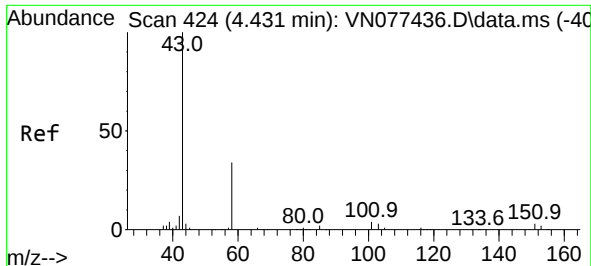
Tgt Ion:168 Resp: 591665
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6



#11
Tert butyl alcohol
Concen: 6.243 ug/l m
RT: 5.519 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

Tgt Ion: 59 Resp: 7738
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

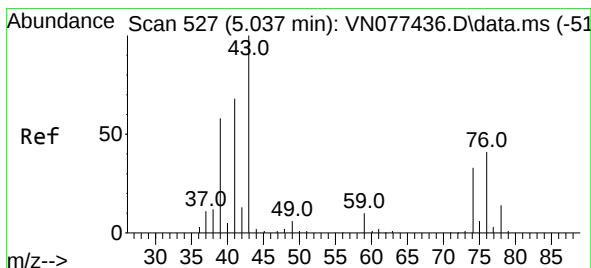
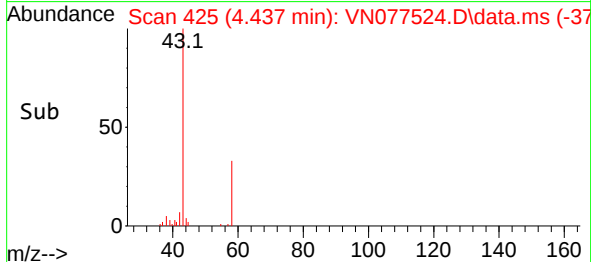
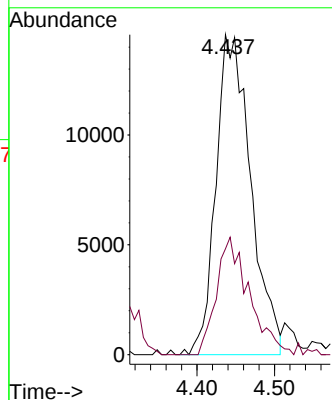
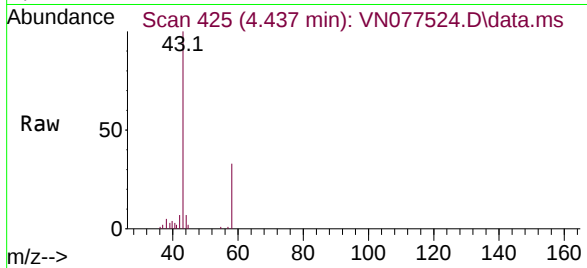




#16
Acetone
Concen: 18.533 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

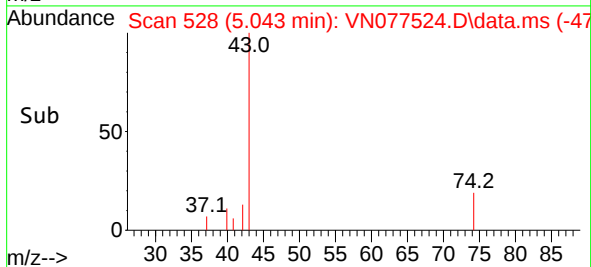
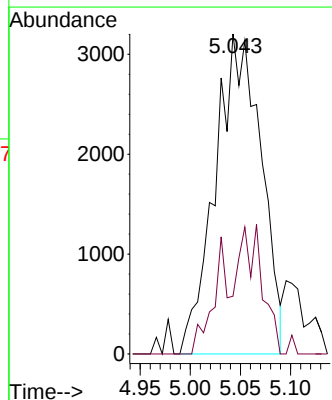
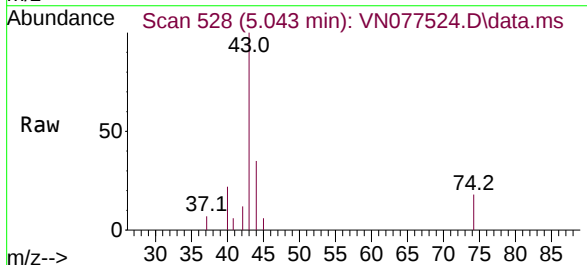
Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#08

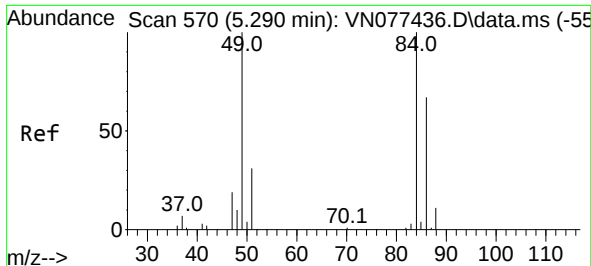
Tgt Ion: 43 Resp: 45520
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0



#18
Methyl Acetate
Concen: 1.075 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

Tgt Ion: 43 Resp: 10197
Ion Ratio Lower Upper
43 100
74 10.8 26.2 39.4#





#20

Methylene Chloride

Concen: 3.287 ug/l

RT: 5.290 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077524.D

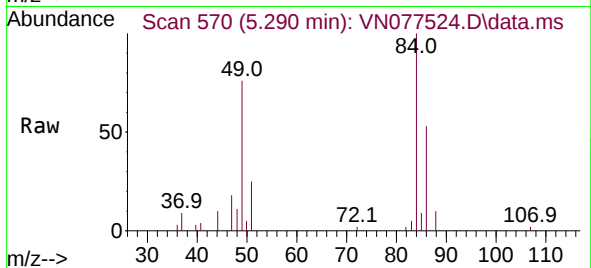
Acq: 29 Apr 2023 17:17

Instrument :

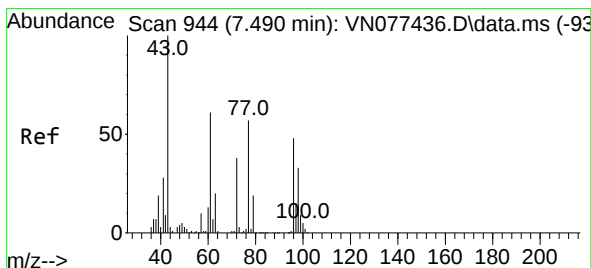
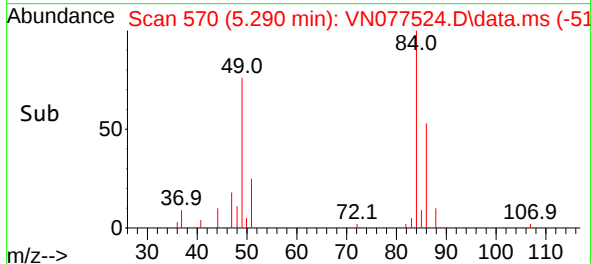
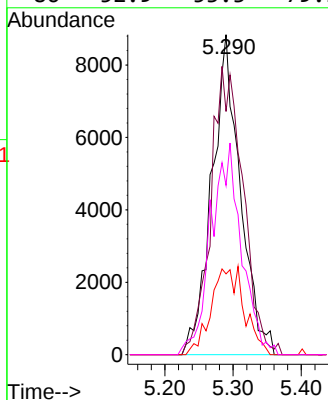
MSVOA_N

ClientSampleId :

PB152434ZHE#08



Tgt Ion:	84	Resp:	25600
Ion	Ratio	Lower	Upper
84	100		
49	76.0	79.7	119.5#
51	25.2	25.2	37.8
86	52.9	53.3	79.9#



#25

2-Butanone

Concen: 9.429 ug/l

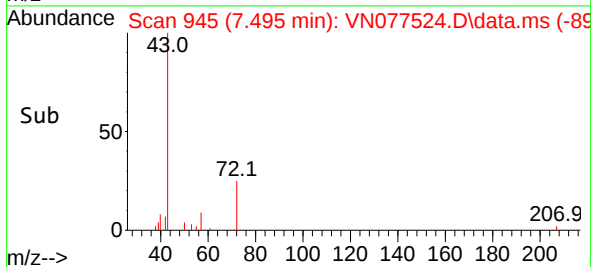
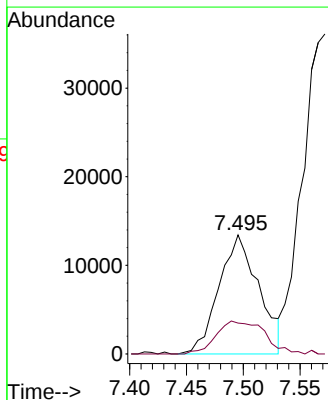
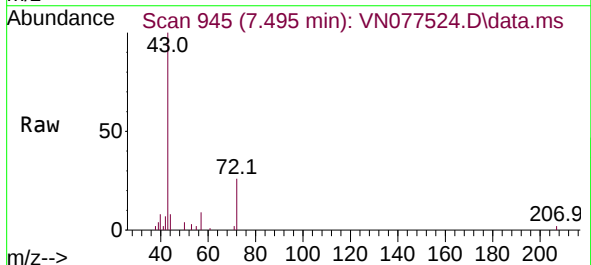
RT: 7.495 min Scan# 945

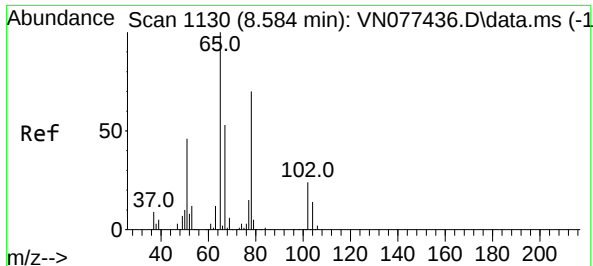
Delta R.T. 0.006 min

Lab File: VN077524.D

Acq: 29 Apr 2023 17:17

Tgt Ion:	43	Resp:	32848
Ion	Ratio	Lower	Upper
43	100		
72	26.0	30.2	45.2#

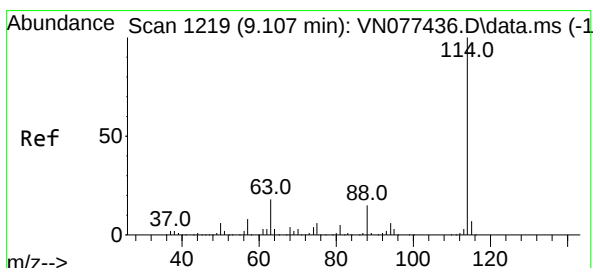
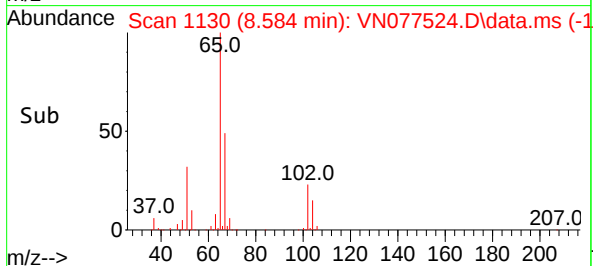
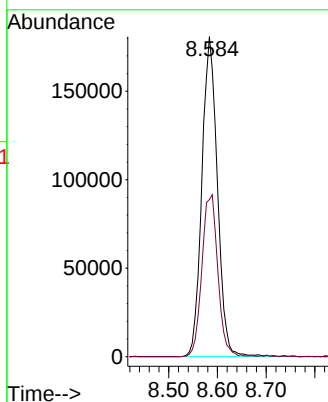
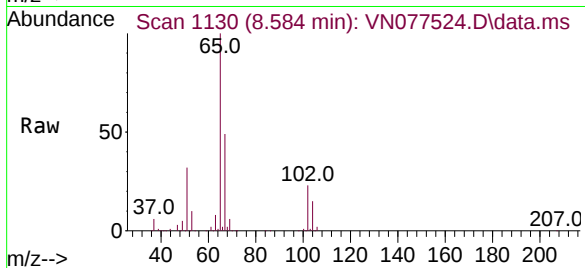




#33
1,2-Dichloroethane-d4
Concen: 51.838 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

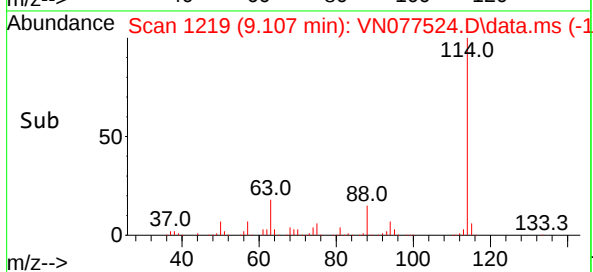
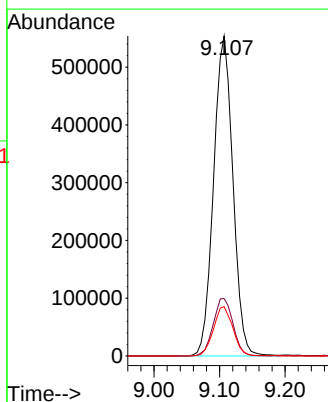
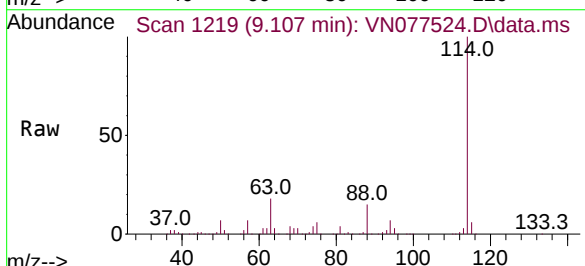
Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#08

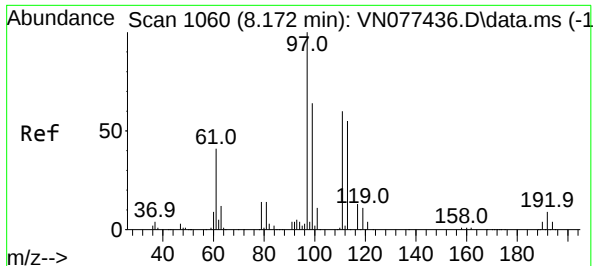
Tgt Ion: 65 Resp: 400218
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

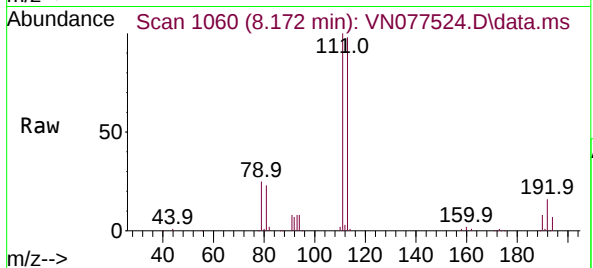
Tgt Ion: 114 Resp: 1132831
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.4
88 15.4 0.0 30.6





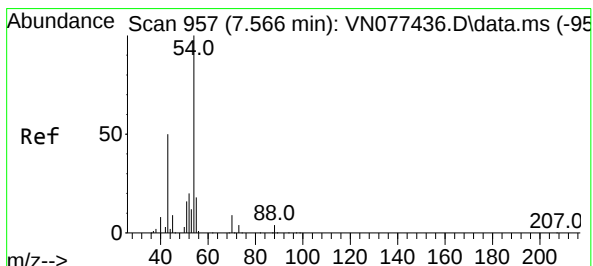
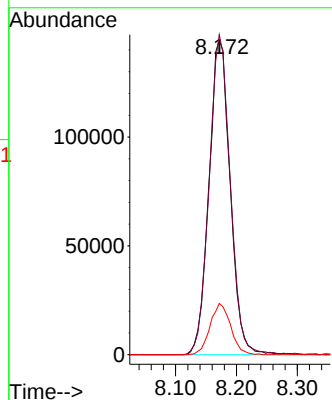
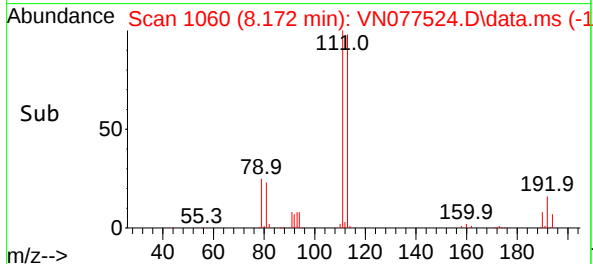
#35
Dibromofluoromethane
Concen: 51.418 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#08

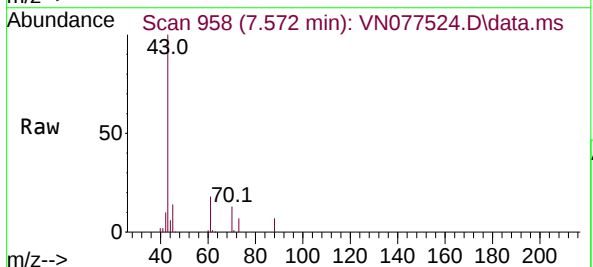


Tgt Ion: 113 Resp: 350096

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.6	123.8
192	15.8	12.7	19.1

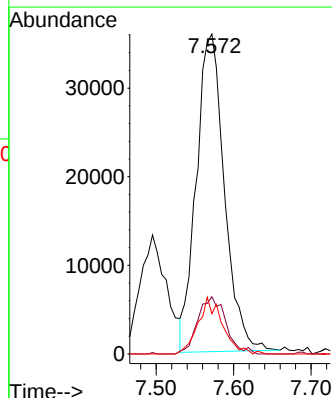
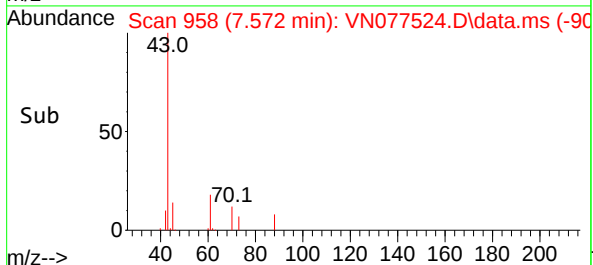


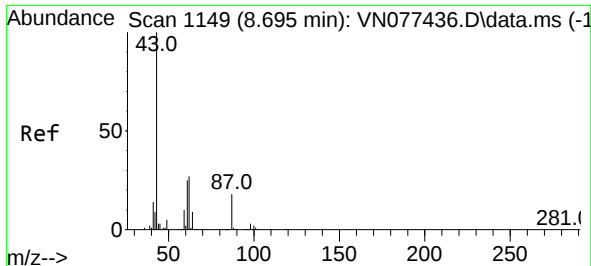
#37
Ethyl Acetate
Concen: 12.082 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17



Tgt Ion: 43 Resp: 90314

Ion	Ratio	Lower	Upper
43	100		
61	18.0	13.2	19.8
70	15.3	11.3	16.9

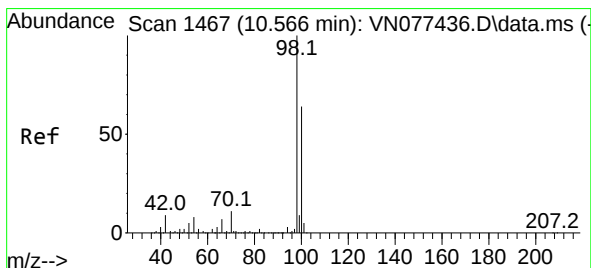
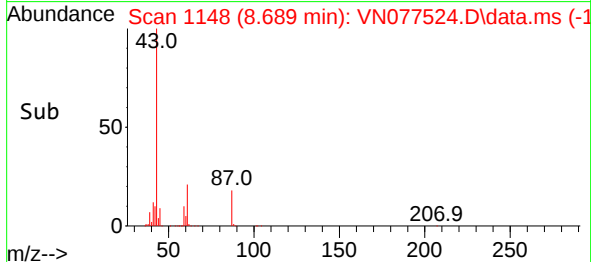
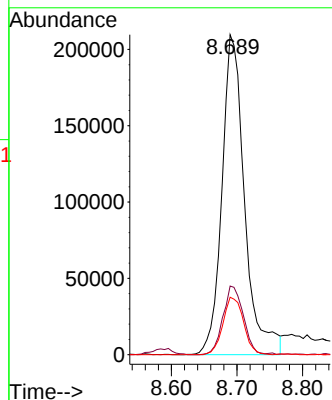
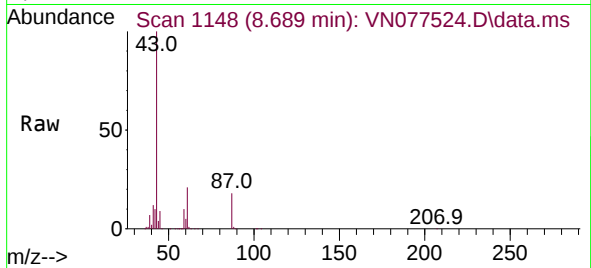




#43
Isopropyl Acetate
Concen: 38.885 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

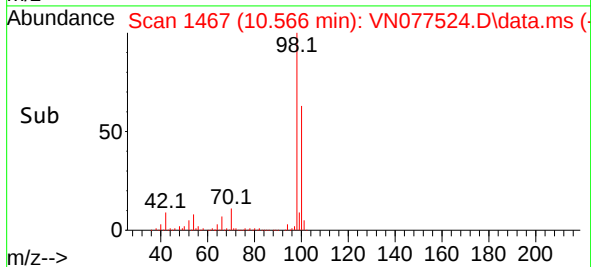
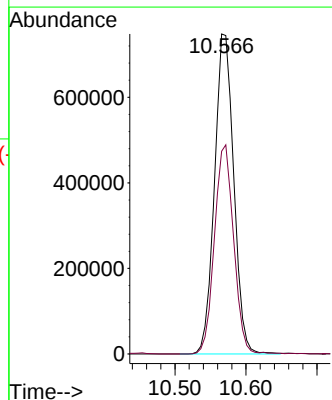
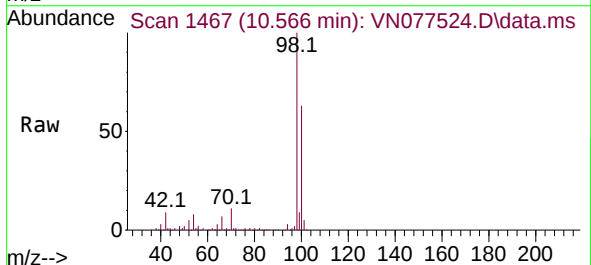
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MSVOA_N
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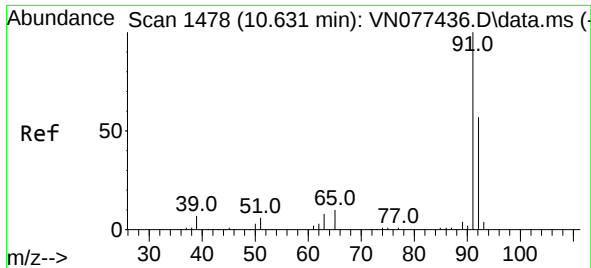
Tgt Ion: 43 Resp: 502835
Ion Ratio Lower Upper
43 100
61 19.2 24.7 37.1#
87 16.3 14.6 21.8



#50
Toluene-d8
Concen: 53.815 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

Tgt Ion: 98 Resp: 1404322
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

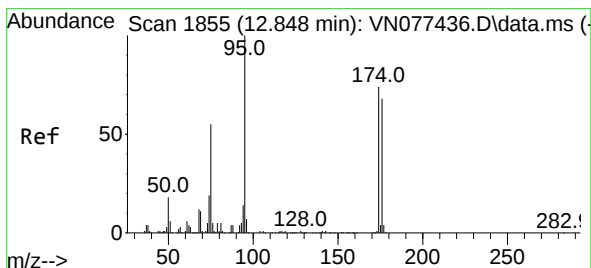
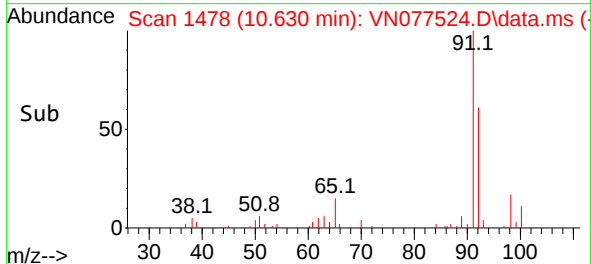
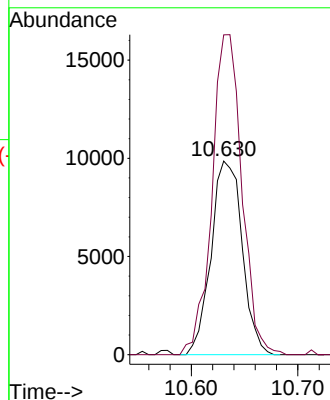
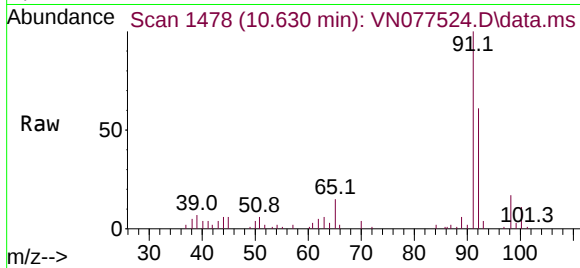




#52
Toluene
Concen: 1.017 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

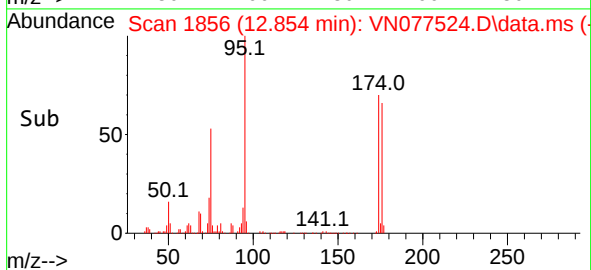
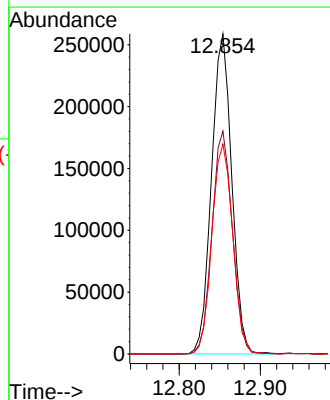
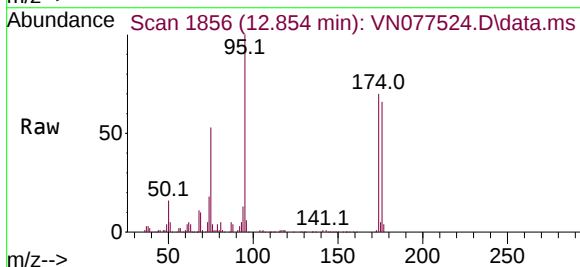
Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#08

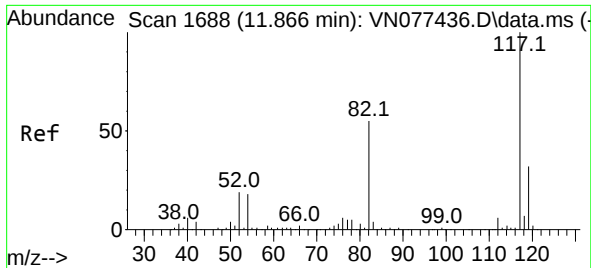
Tgt Ion: 92 Resp: 19956
Ion Ratio Lower Upper
92 100
91 159.1 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 52.568 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

Tgt Ion: 95 Resp: 448812
Ion Ratio Lower Upper
95 100
174 70.1 0.0 143.8
176 67.2 0.0 135.8

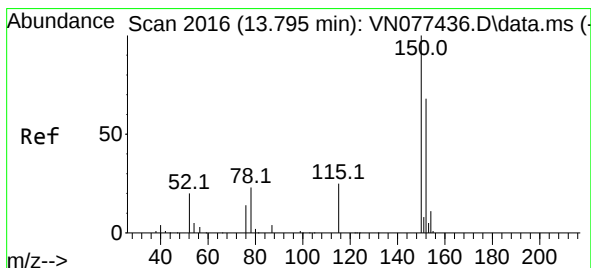
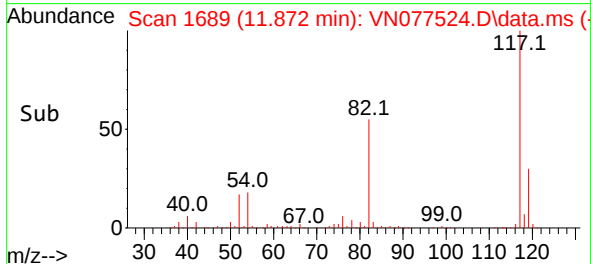
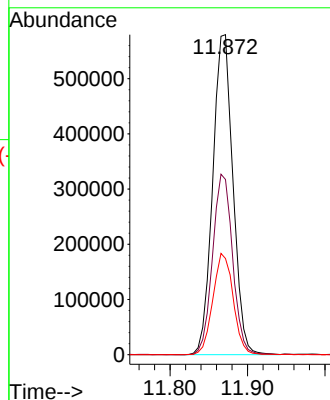
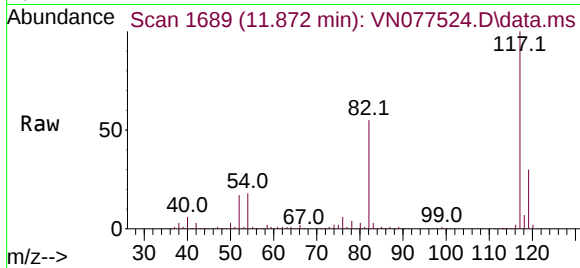




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077524.D
Acq: 29 Apr 2023 17:17

Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#08

Tgt Ion:117 Resp: 1052561
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 30.1 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: VN077524.D
Acq: 29 Apr 2023 17:17

Tgt Ion:152 Resp: 379504
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 155.5 0.0 355.8

