

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079532.D
 Acq On : 01 Aug 2024 18:18
 Operator : RP/MD
 Sample : P3394-02
 Misc : 6.83G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-105-SB02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 07:06:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	22586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	41554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	44093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	18746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36127	157.449	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 314.900%#			
35) Dibromofluoromethane	7.811	113	22523	80.080	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 160.160%#			
50) Toluene-d8	10.269	98	53610	49.083	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.160%			
62) 4-Bromofluorobenzene	12.569	95	15757	49.853	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.700%			
Target Compounds						
16) Acetone	4.022	43	15603	349.904	ug/l	97
18) Methyl Acetate	4.564	43	25111	181.373	ug/l #	87
25) 2-Butanone	7.099	43	4080	64.537	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.210	105	32014	28.810	ug/l	99
85) sec-Butylbenzene	13.340	105	2931	2.110	ug/l #	42
86) p-Isopropyltoluene	13.457	119	2439m	5.598	ug/l	
89) n-Butylbenzene	13.781	91	19815	18.874	ug/l #	78

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

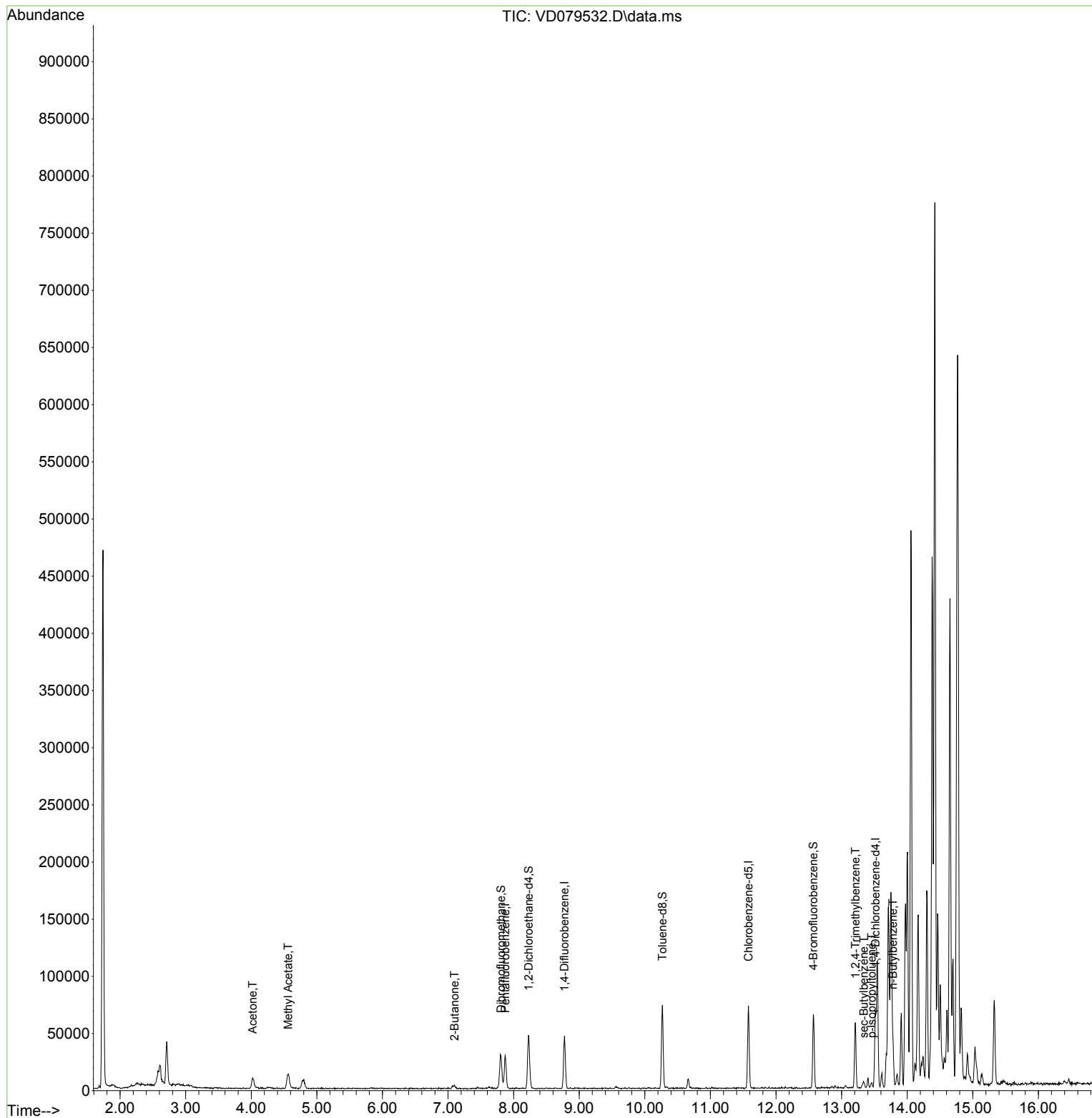
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
Data File : VD079532.D
Acq On : 01 Aug 2024 18:18
Operator : RP/MD
Sample : P3394-02
Misc : 6.83G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

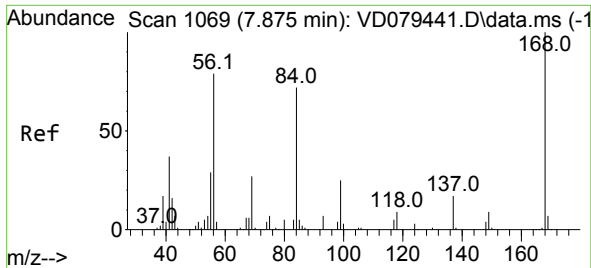
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02

Quant Time: Aug 02 07:06:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

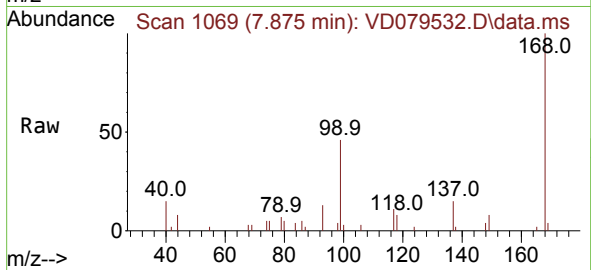
Reviewed By :Romaben Patel 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18

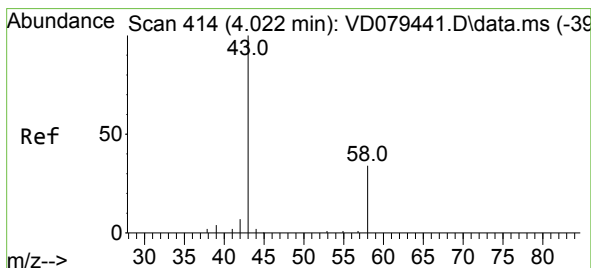
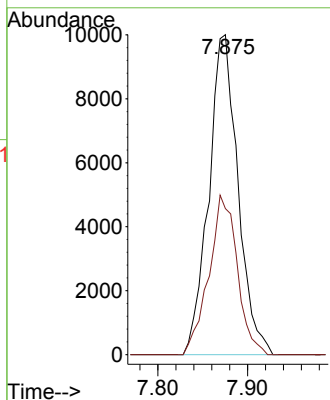
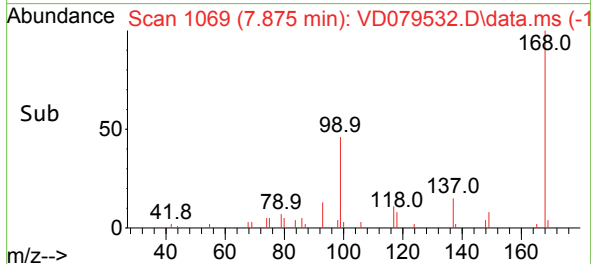
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02



Tgt Ion:168 Resp: 22580
Ion Ratio Lower Upper
168 100
99 45.6 41.1 61.7

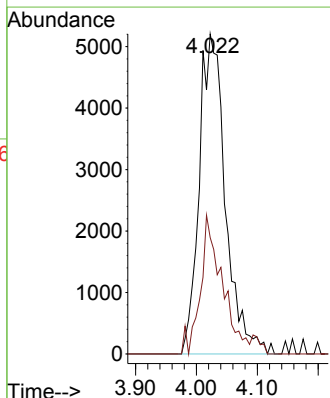
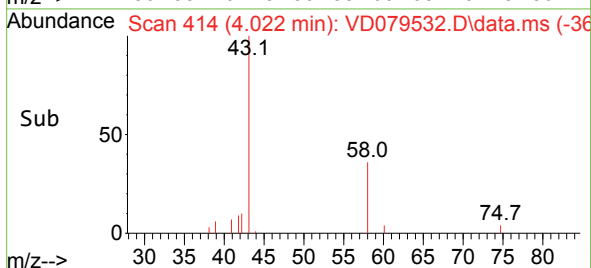
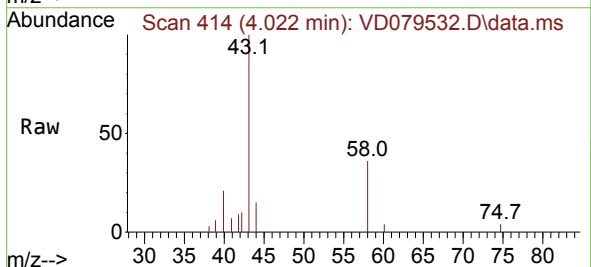
Manual Integrations
APPROVED

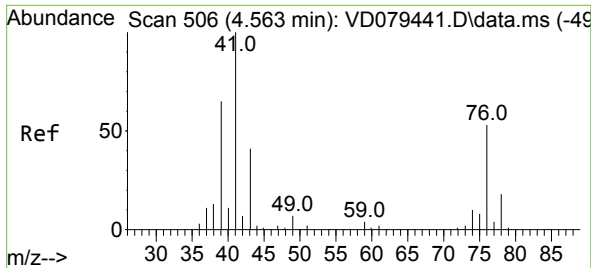
Reviewed By :Romaben Patel 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#16
Acetone
Concen: 349.904 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18

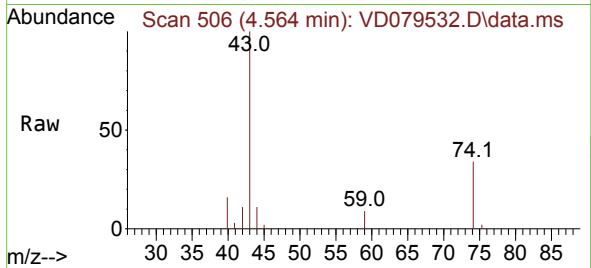
Tgt Ion: 43 Resp: 15603
Ion Ratio Lower Upper
43 100
58 36.3 30.4 45.6





#18
Methyl Acetate
Concen: 181.373 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18

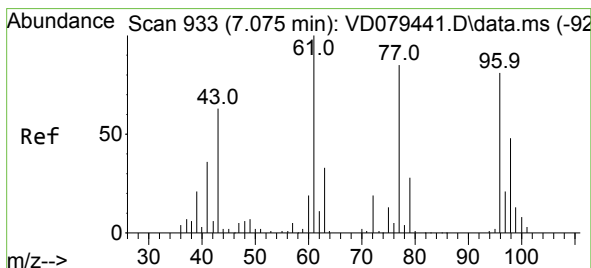
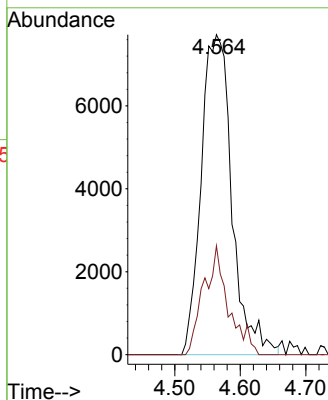
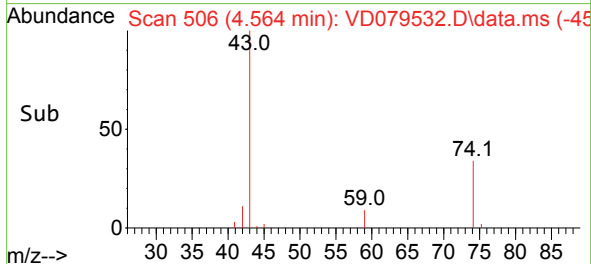
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02



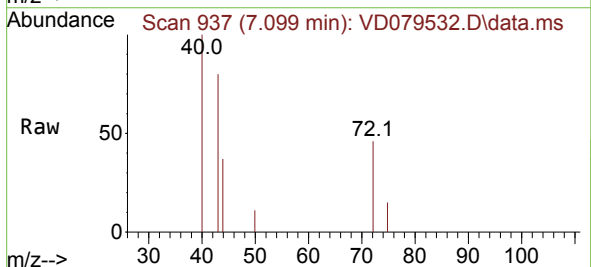
Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
74 27.5 28.1 42.1

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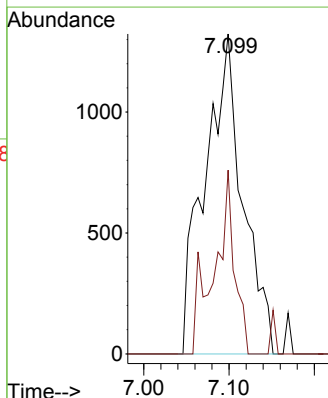
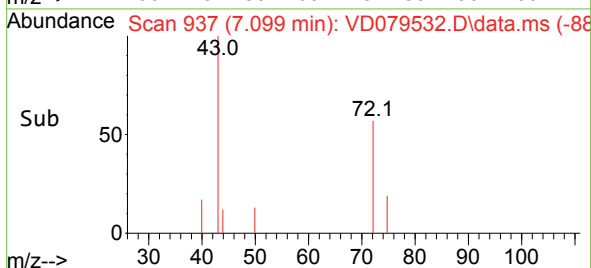
Reviewed By :Romaben Patel 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

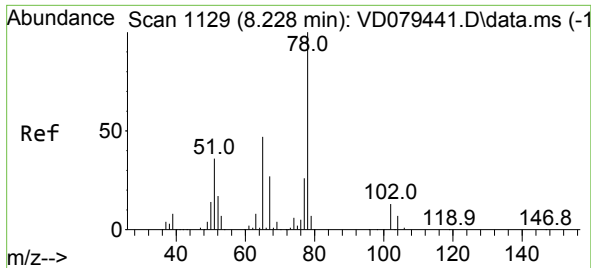


#25
2-Butanone
Concen: 64.537 ug/l
RT: 7.099 min Scan# 937
Delta R.T. 0.006 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18



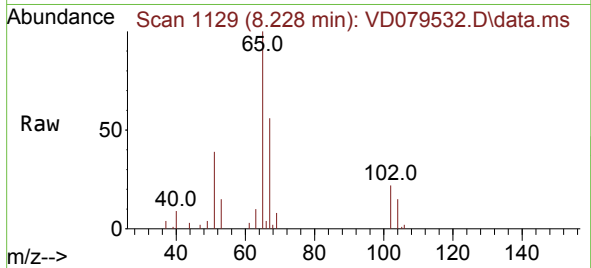
Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
72 57.4 26.4 39.6





#33
1,2-Dichloroethane-d4
Concen: 157.449 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18

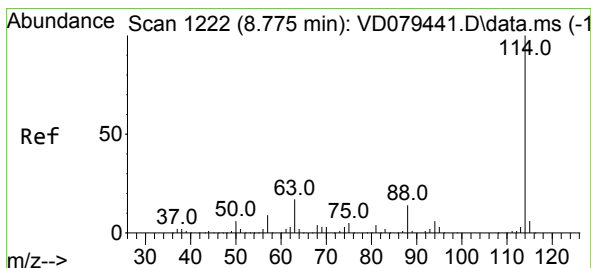
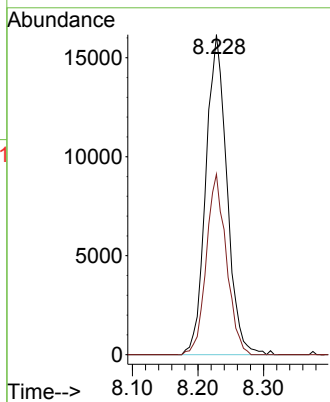
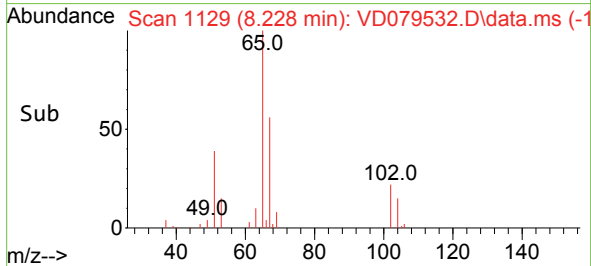
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02



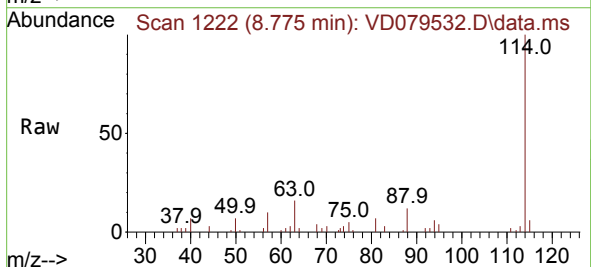
Tgt Ion: 65 Resp: 3612
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.0

Manual Integrations
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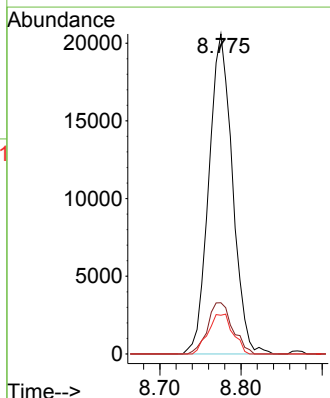
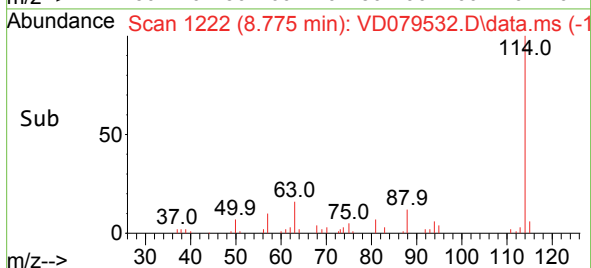
Reviewed By :Romaben Patel 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

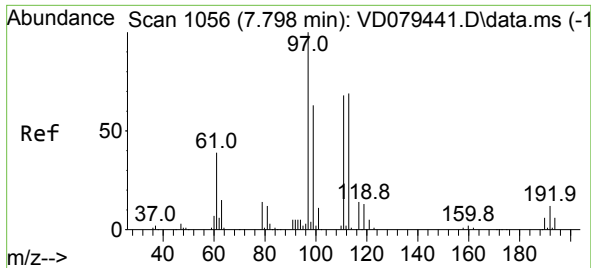


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18



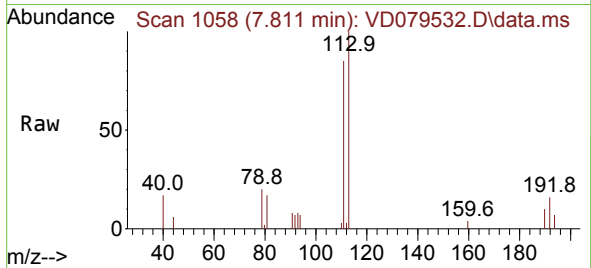
Tgt Ion:114 Resp: 41554
Ion Ratio Lower Upper
114 100
63 16.0 0.0 34.0
88 12.1 0.0 27.2





#35
Dibromofluoromethane
Concen: 80.080 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18

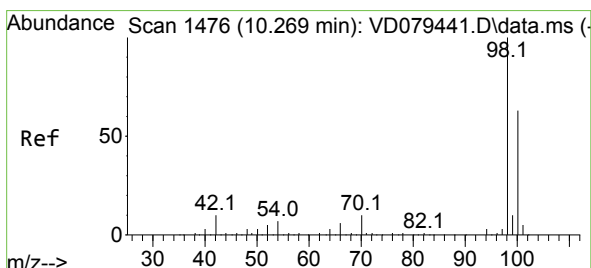
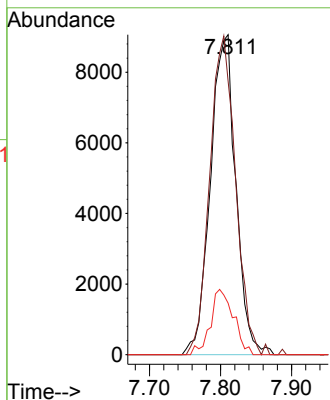
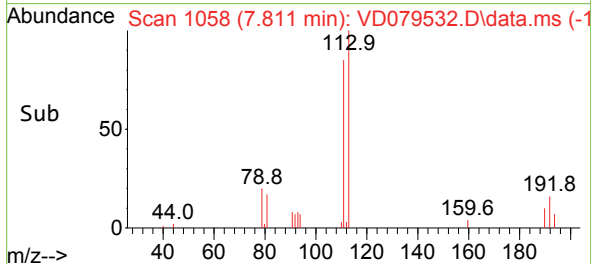
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02



Tgt Ion:113 Resp: 2252
Ion Ratio Lower Upper
113 100
111 100.9 84.0 126.0
192 18.5 15.4 23.0

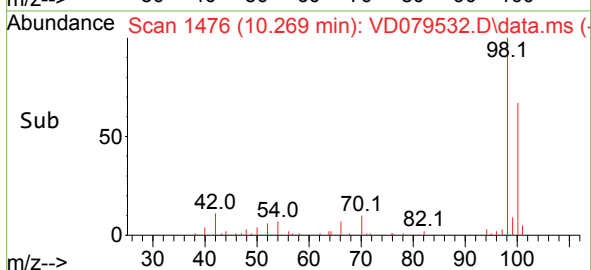
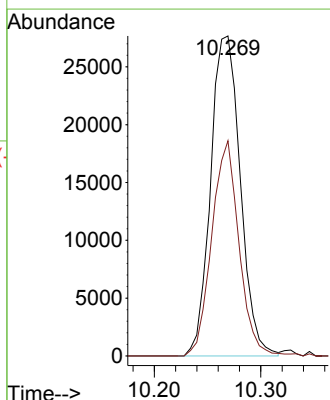
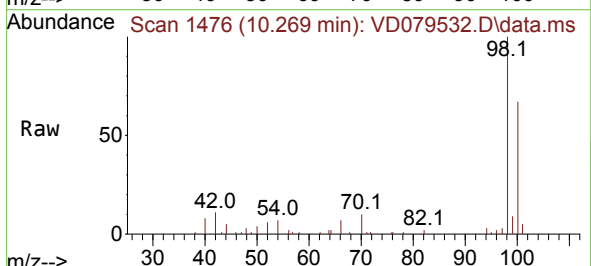
Manual Integrations
APPROVED

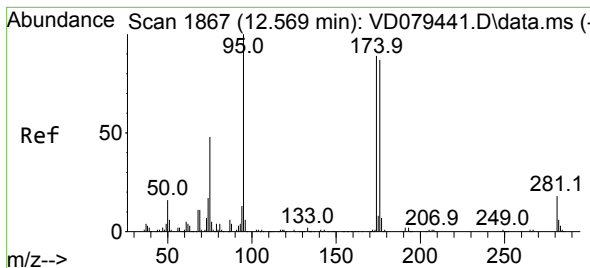
Reviewed By :Romaben Patel 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#50
Toluene-d8
Concen: 49.083 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18

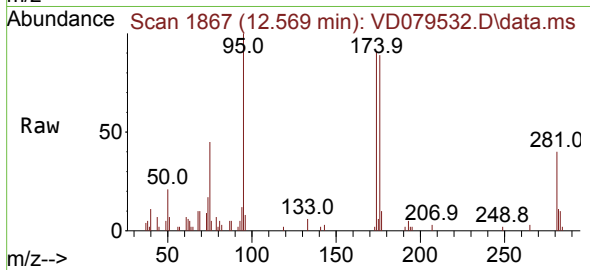
Tgt Ion: 98 Resp: 53610
Ion Ratio Lower Upper
98 100
100 61.9 51.6 77.4





#62
4-Bromofluorobenzene
Concen: 49.853 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18

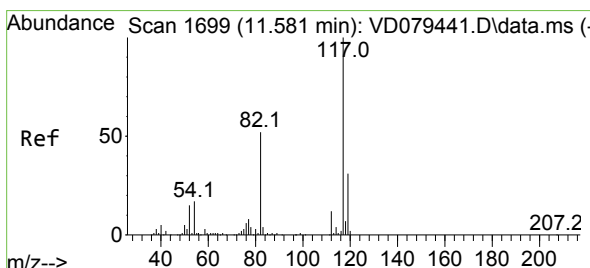
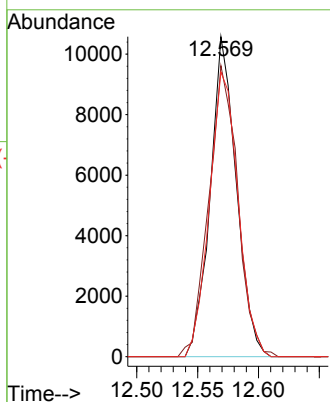
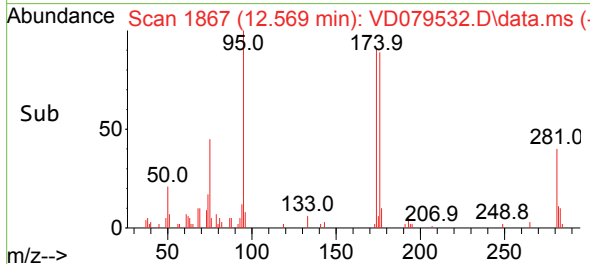
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02



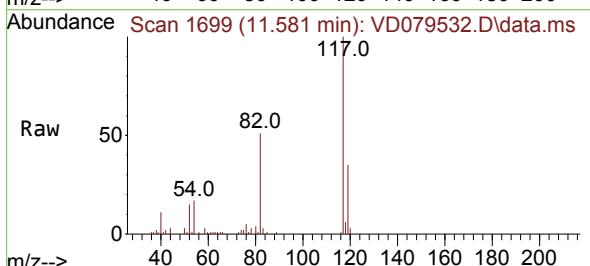
Tgt Ion:	95	Resp:	1575
Ion Ratio	Lower	Upper	
95	100		
174	100.7	0.0	195.4
176	97.9	0.0	192.6

Manual Integrations
APPROVED

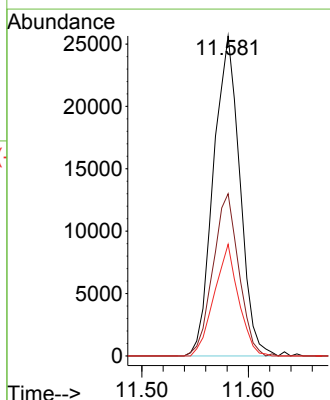
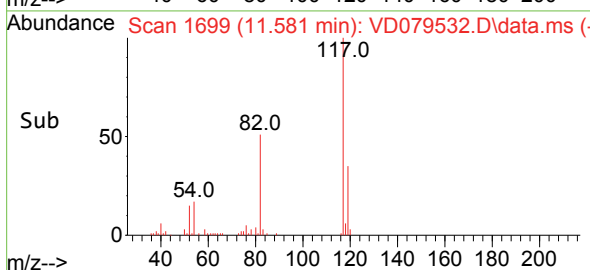
Reviewed By :Romaben Patel 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

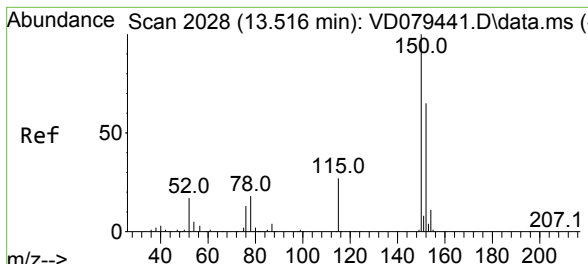


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18



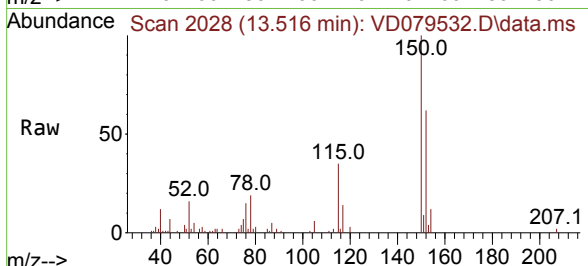
Tgt Ion:	117	Resp:	44093
Ion Ratio	Lower	Upper	
117	100		
82	50.7	39.8	59.6
119	34.9	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD079532.D
 Acq: 01 Aug 2024 18:18

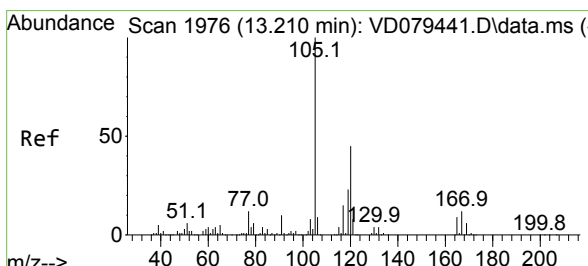
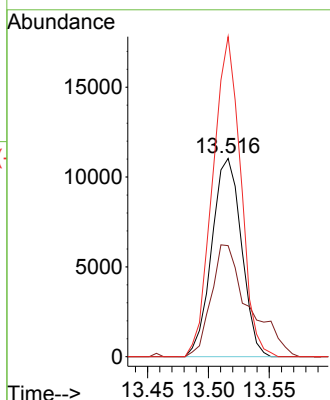
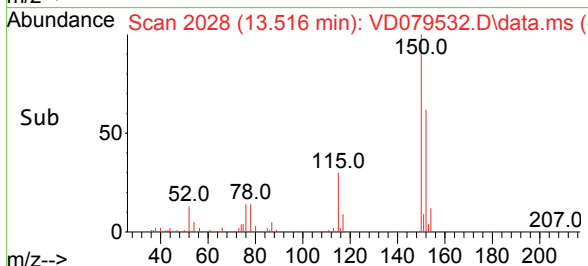
Instrument :
 MSVOA_D
 ClientSampleId :
 B-105-SB02



Tgt Ion:152 Resp: 18740
 Ion Ratio Lower Upper
 152 100
 115 71.3 26.5 79.5
 150 152.3 0.0 341.6

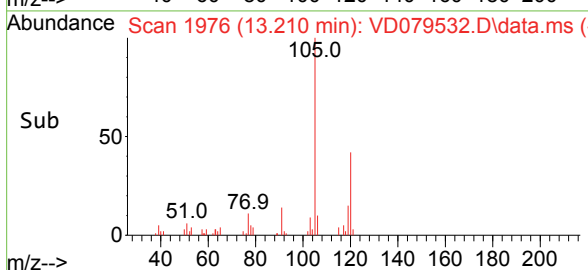
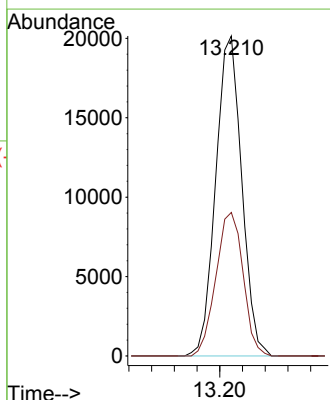
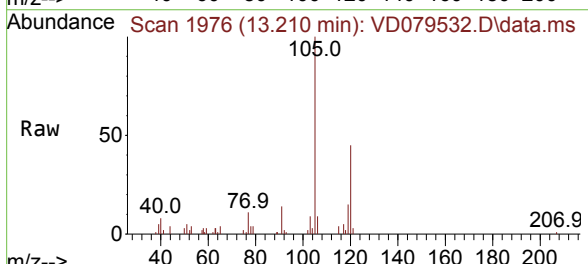
Manual Integrations
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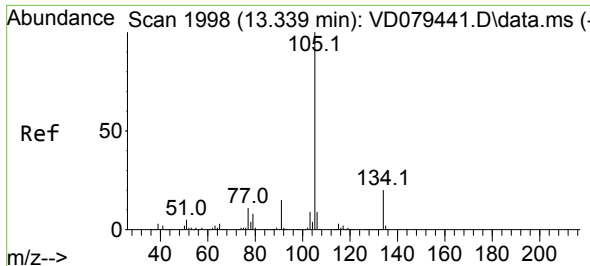
Reviewed By :Romaben Patel 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 28.810 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VD079532.D
 Acq: 01 Aug 2024 18:18

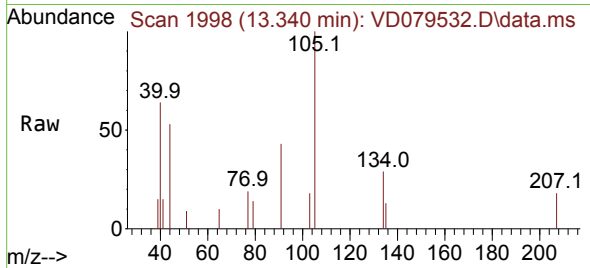
Tgt Ion:105 Resp: 32014
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 2.110 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD079532.D
 Acq: 01 Aug 2024 18:18

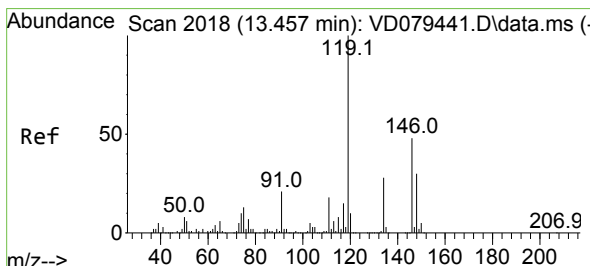
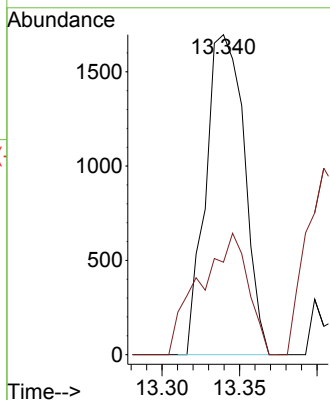
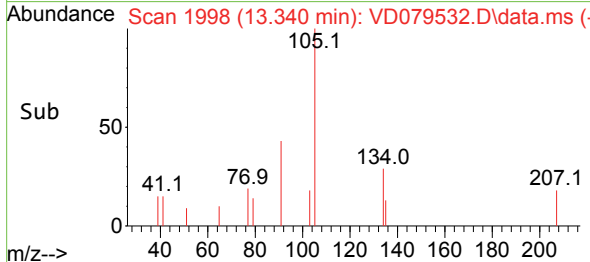
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 MSVOA_D
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 B-105-SB02



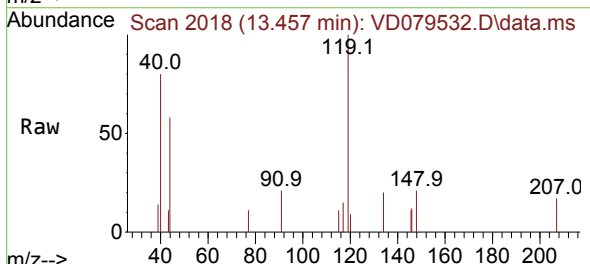
Tgt Ion:105 Resp: 293
 Ion Ratio Lower Upper
 105 100
 134 47.4 10.3 30.8

Manual Integrations
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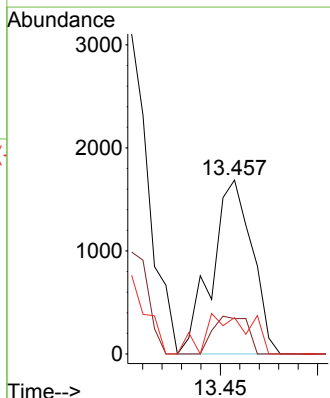
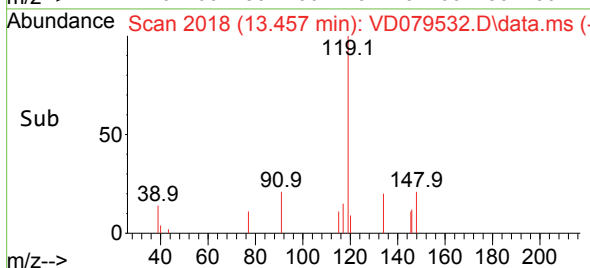
Reviewed By :Romaben Patel 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

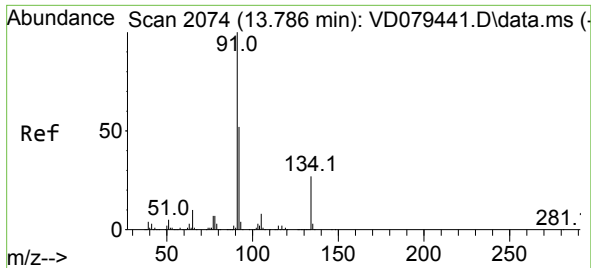


#86
 p-Isopropyltoluene
 Concen: 5.598 ug/l m
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079532.D
 Acq: 01 Aug 2024 18:18



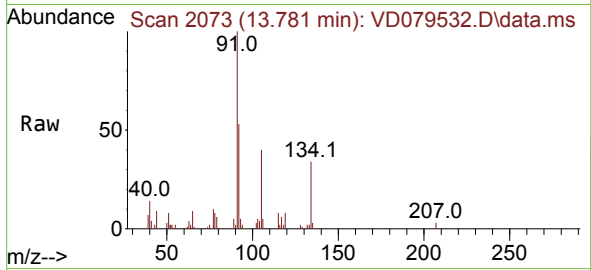
Tgt Ion:119 Resp: 2439
 Ion Ratio Lower Upper
 119 100
 134 56.2 13.7 41.1#
 91 40.8 10.7 32.1#





#89
n-Butylbenzene
Concen: 18.874 ug/l
RT: 13.781 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD079532.D
Acq: 01 Aug 2024 18:18

Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02



Tgt Ion: 91 Resp: 19815

Ion	Ratio	Lower	Upper
91	100		
92	55.7	25.7	77.0
134	0.0	13.6	40.8

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

