

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079602.D
 Acq On : 06 Aug 2024 02:50
 Operator : RP/MD
 Sample : P3374-22
 Misc : 6.97G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-12-12.5-072024

Quant Time: Aug 06 05:12:43 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 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	62796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	135321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	86790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78453	122.977	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 245.960%#			
35) Dibromofluoromethane	7.811	113	73989	80.782	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 161.560%#			
50) Toluene-d8	10.269	98	156066	43.878	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 87.760%			
62) 4-Bromofluorobenzene	12.569	95	23254	22.593	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 45.180%			
Target Compounds					Qvalue	
4) Vinyl Chloride	2.281	62	20747	19.247	ug/l	98
12) 1,1-Dichloroethene	3.940	96	28531	42.050	ug/l	93
16) Acetone	4.022	43	73057	589.264	ug/l	91
17) Carbon Disulfide	4.270	76	14110	6.300	ug/l	99
18) Methyl Acetate	4.575	43	2927m	7.604	ug/l	
20) Methylene Chloride	4.799	84	20557	10.614	ug/l #	83
21) trans-1,2-Dichloroethene	5.311	96	100460	131.800	ug/l	91
24) 1,1-Dichloroethane	6.111	63	76961	57.609	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	19639994	22542.647	ug/l	98
40) Benzene	8.252	78	18138	4.568	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	5232	5.530	ug/l	95
44) Trichloroethene	9.028	130	517607	523.671	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	1470	2.083	ug/l #	72
64) Tetrachloroethene	10.810	164	24372	41.645	ug/l	95
65) Chlorobenzene	11.604	112	6917	3.599	ug/l	99

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

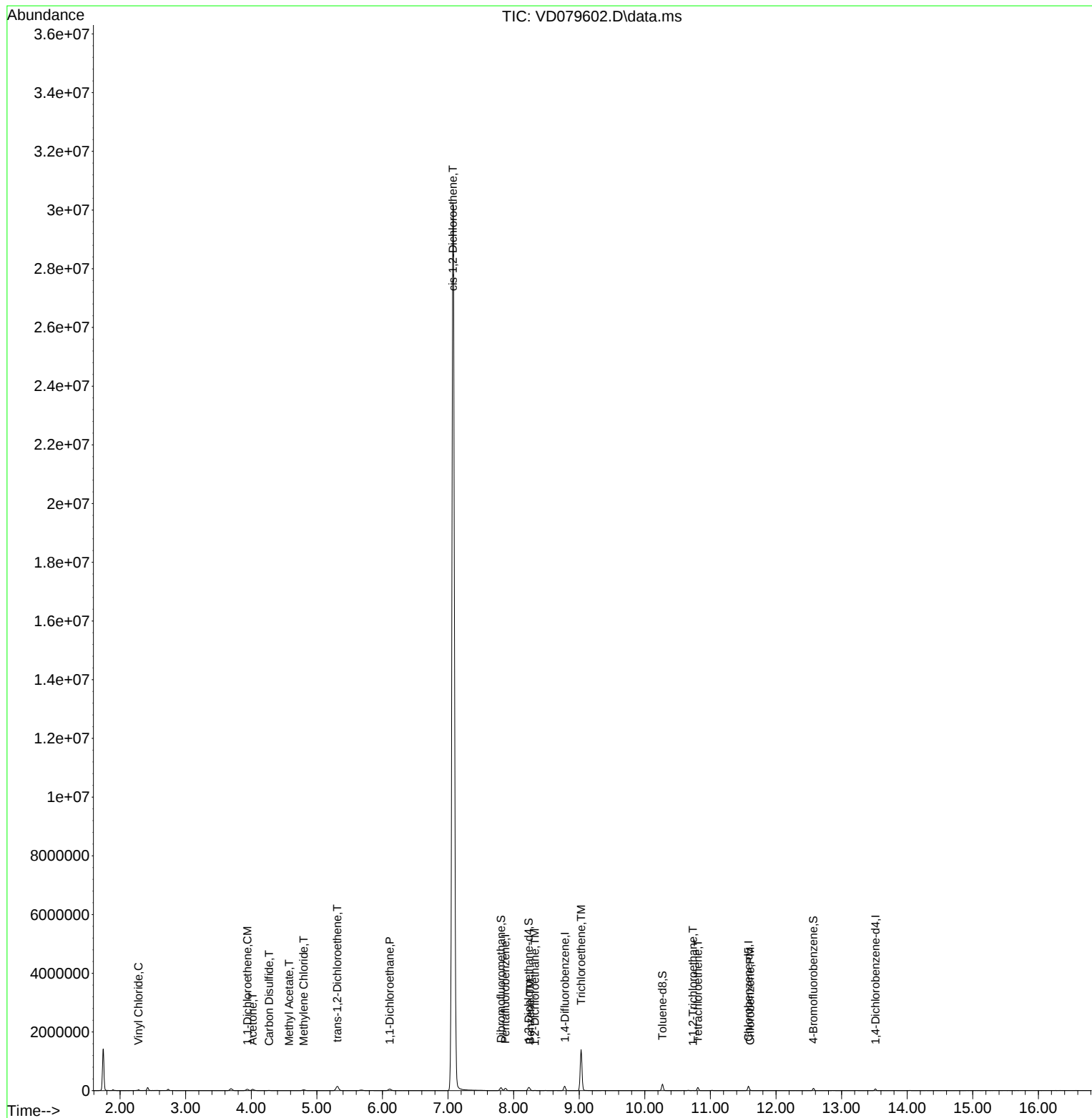
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079602.D
Acq On : 06 Aug 2024 02:50
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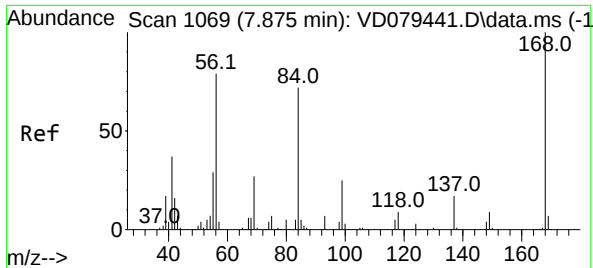
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12-12.5-072024

Quant Time: Aug 06 05:12:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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APPROVED

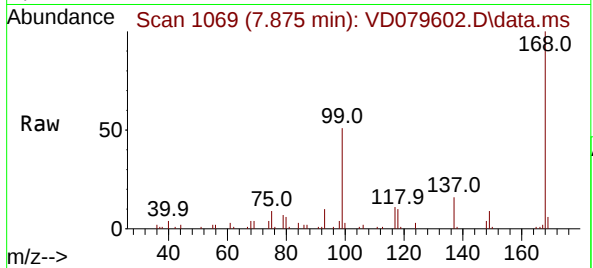
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

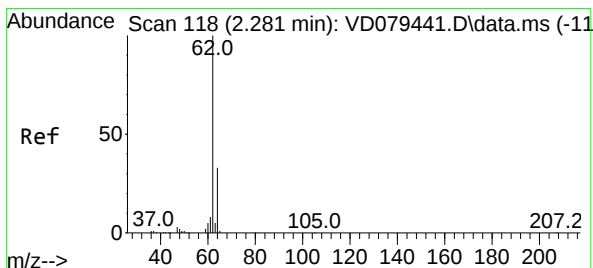
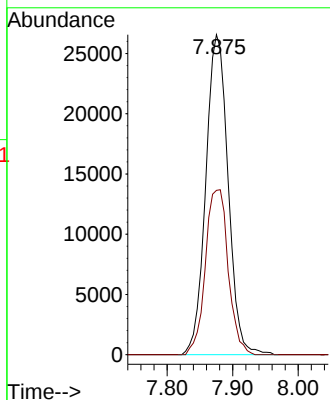
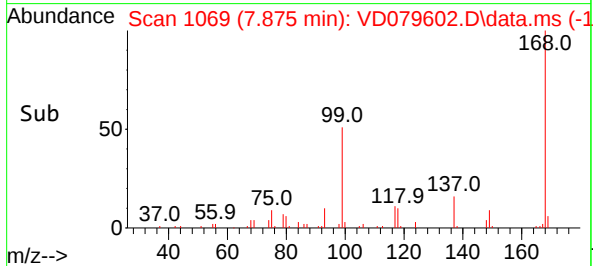
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12-12.5-072024



Tgt Ion:168 Resp: 62790
Ion Ratio Lower Upper
168 100
99 51.3 41.1 61.7

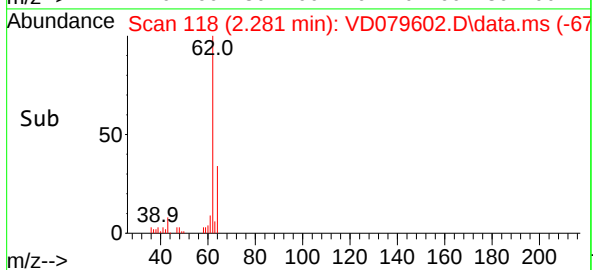
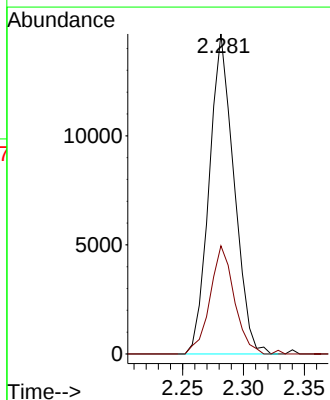
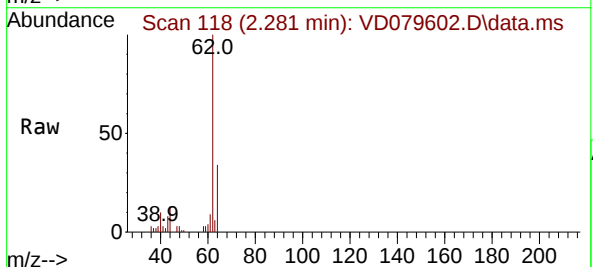
Manual Integrations
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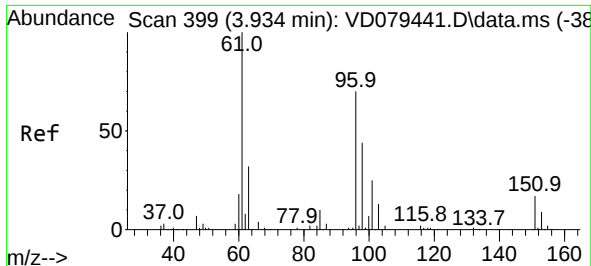
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#4
Vinyl Chloride
Concen: 19.247 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

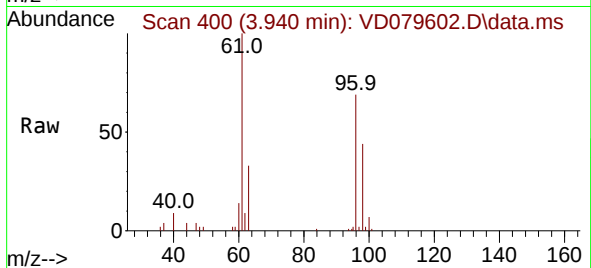
Tgt Ion: 62 Resp: 20747
Ion Ratio Lower Upper
62 100
64 33.8 26.3 39.5





#12
1,1-Dichloroethene
Concen: 42.050 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

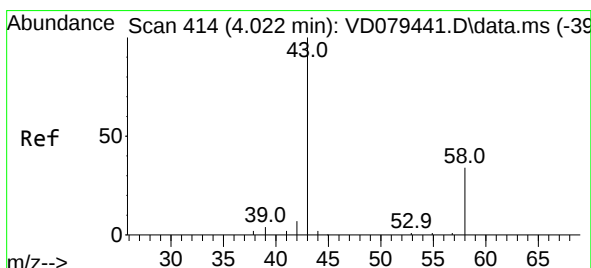
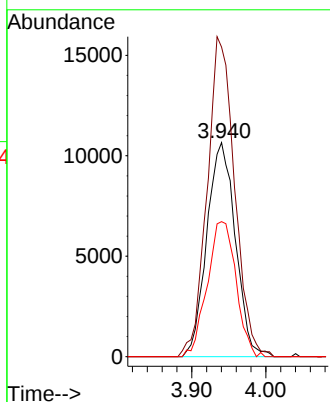
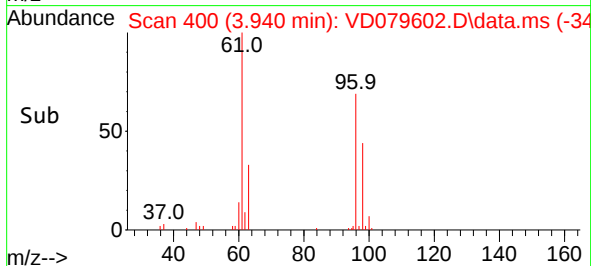
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12-12.5-072024



Tgt Ion: 96 Resp: 2853
Ion Ratio Lower Upper
96 100
61 144.6 107.3 160.9
98 63.1 51.7 77.5

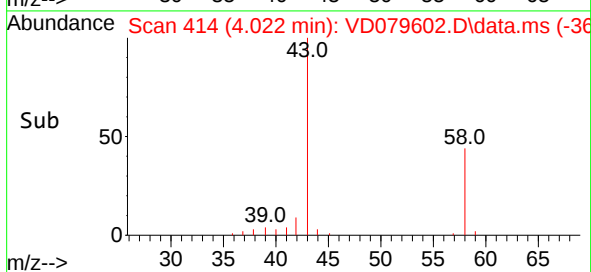
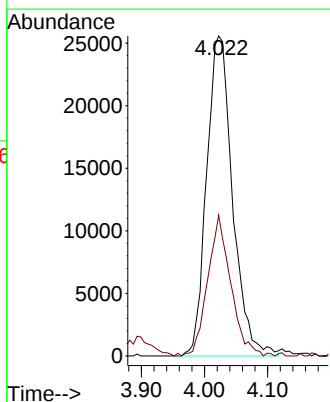
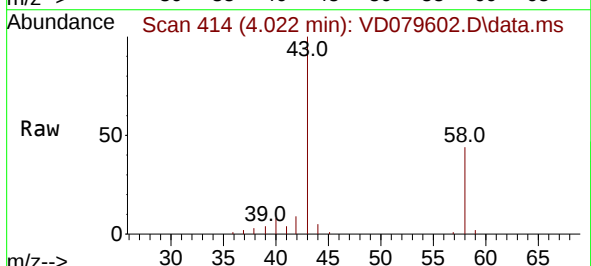
Manual Integrations
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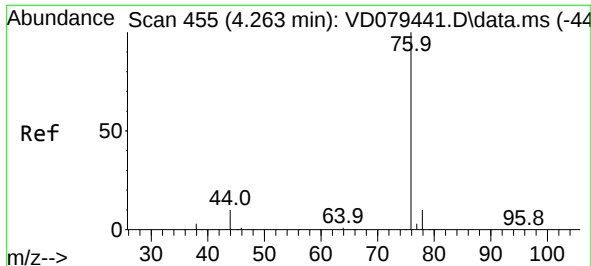
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#16
Acetone
Concen: 589.264 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

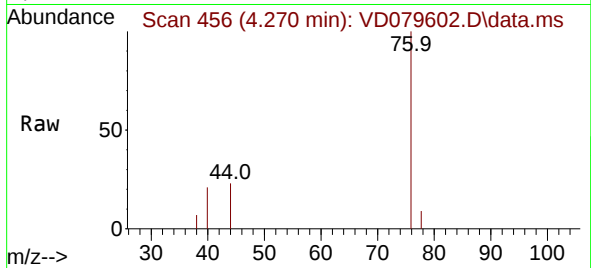
Tgt Ion: 43 Resp: 73057
Ion Ratio Lower Upper
43 100
58 43.3 30.4 45.6





#17
Carbon Disulfide
Concen: 6.300 ug/l
RT: 4.270 min Scan# 411
Delta R.T. 0.006 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

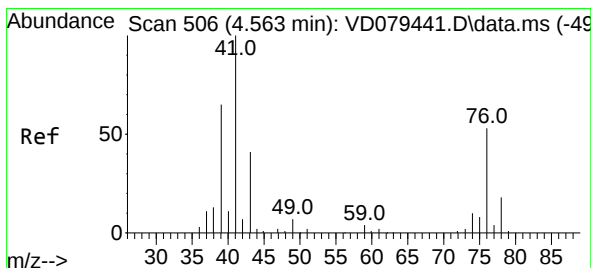
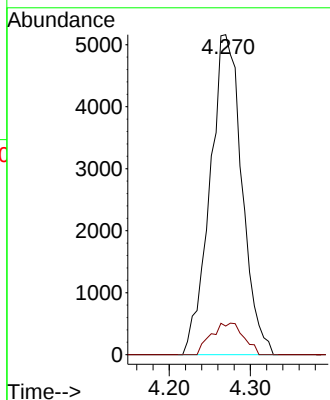
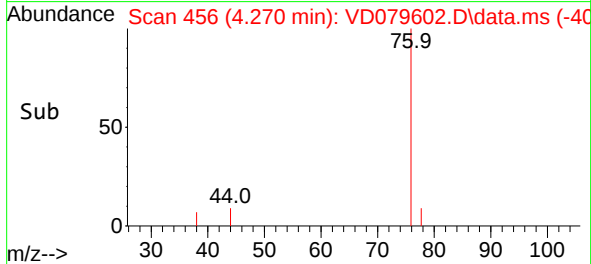
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12-12.5-072024



Tgt Ion: 76 Resp: 14110
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3

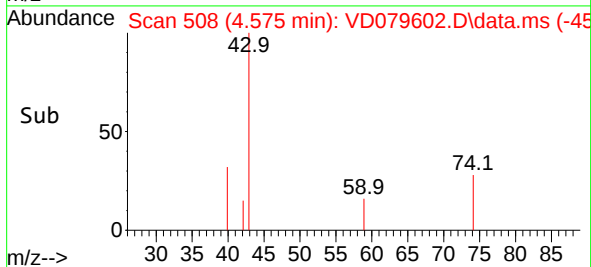
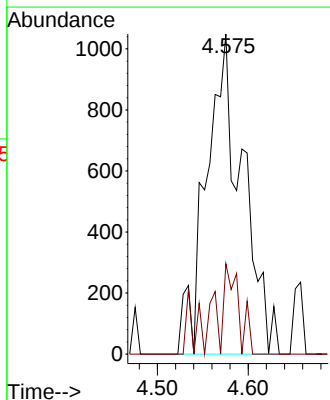
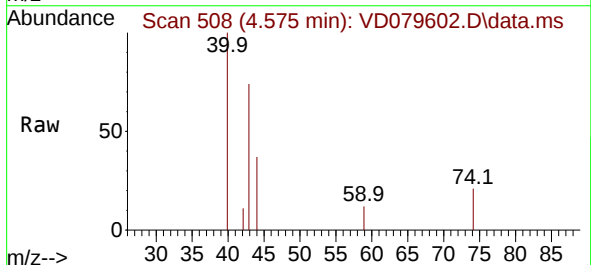
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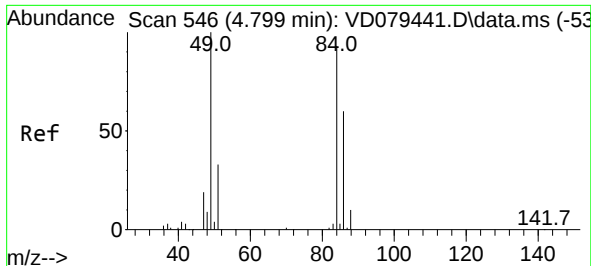
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#18
Methyl Acetate
Concen: 7.604 ug/l m
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

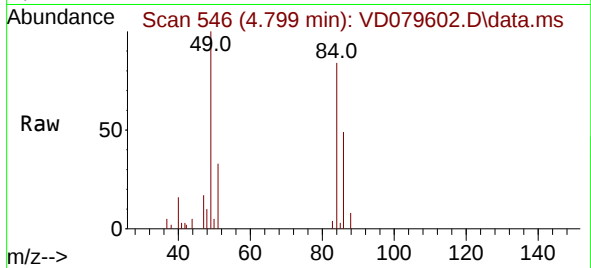
Tgt Ion: 43 Resp: 2927
Ion Ratio Lower Upper
43 100
74 11.4 28.1 42.1#





#20
Methylene Chloride
Concen: 10.614 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

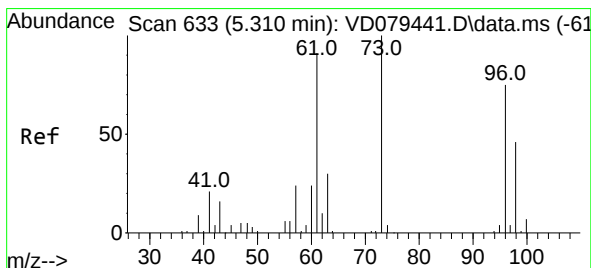
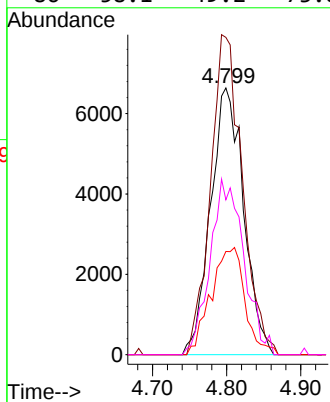
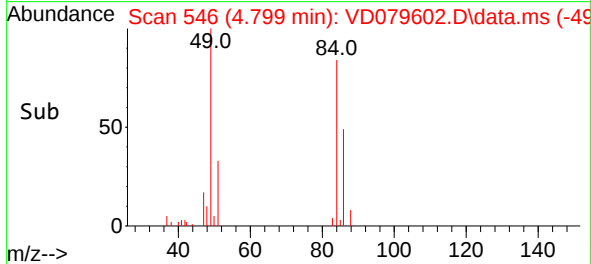
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12-12.5-072024



Tgt Ion: 84	Resp: 2055
Ion Ratio	Lower Upper
84	100
49	119.0 75.6 113.4
51	38.7 24.2 36.2
86	58.1 49.2 73.8

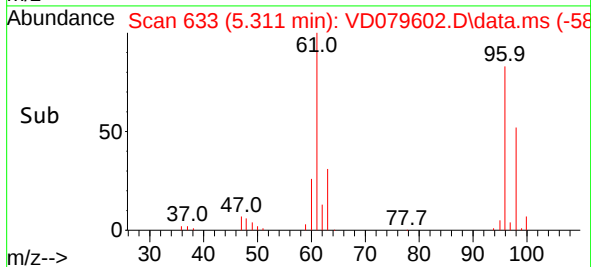
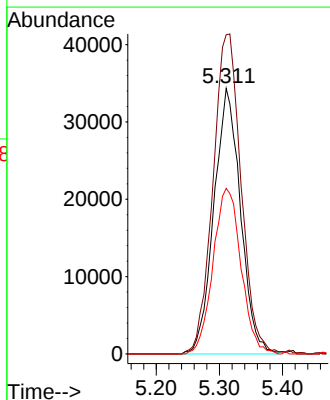
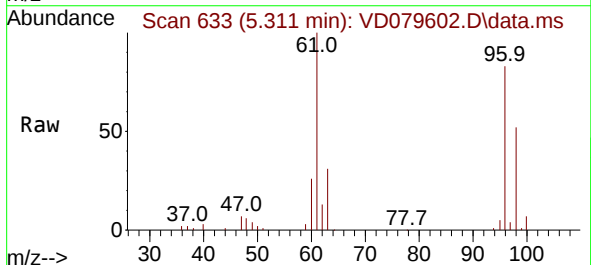
Manual Integrations
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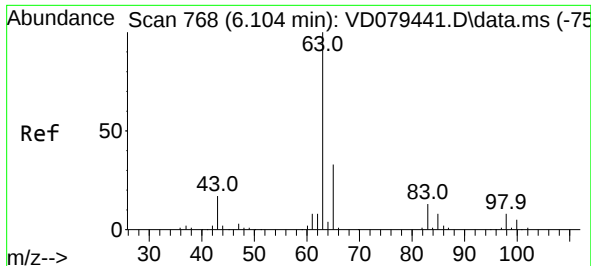
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#21
trans-1,2-Dichloroethene
Concen: 131.800 ug/l
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

Tgt Ion: 96	Resp: 100460
Ion Ratio	Lower Upper
96	100
61	120.2 84.5 126.7
98	62.3 50.5 75.7





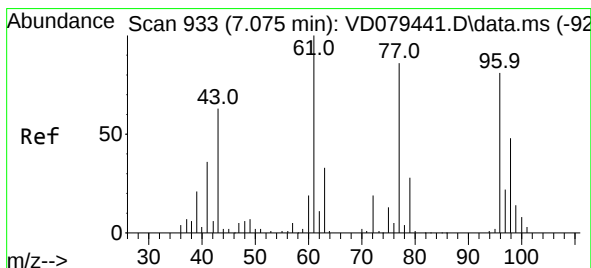
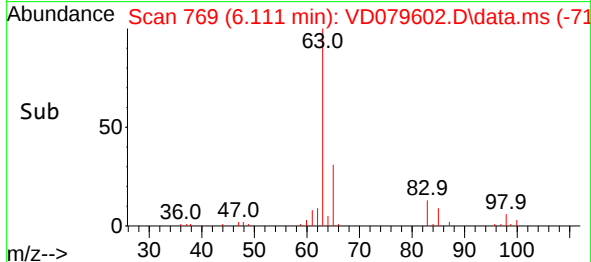
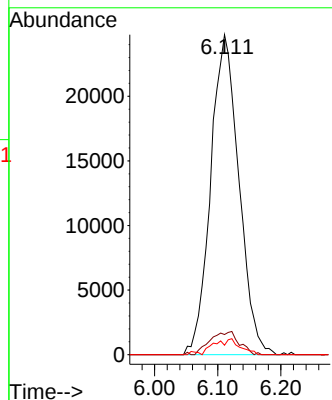
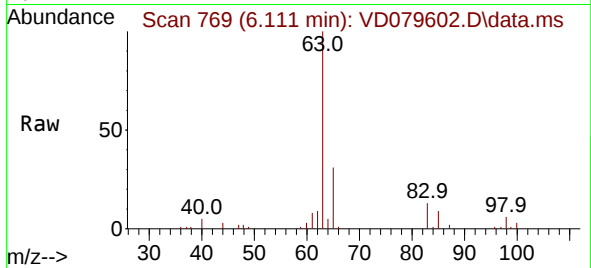
#24
1,1-Dichloroethane
Concen: 57.609 ug/l
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12-12.5-072024

Tgt Ion: 63 Resp: 7696
Ion Ratio Lower Upper
63 100
98 6.3 4.7 14.0
100 3.0 2.9 8.6

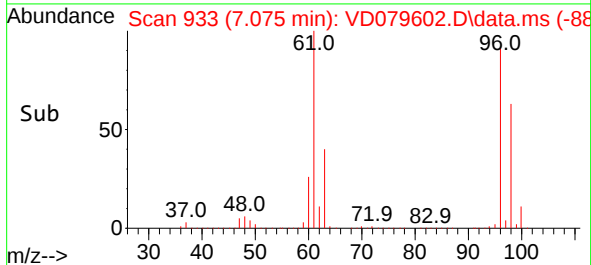
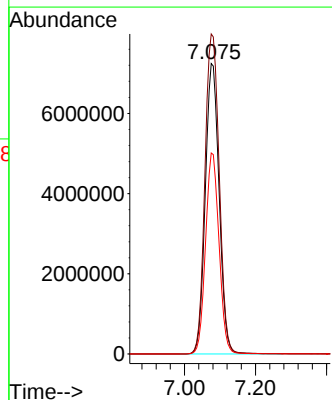
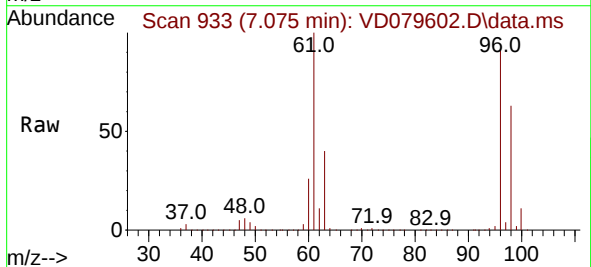
Manual Integrations
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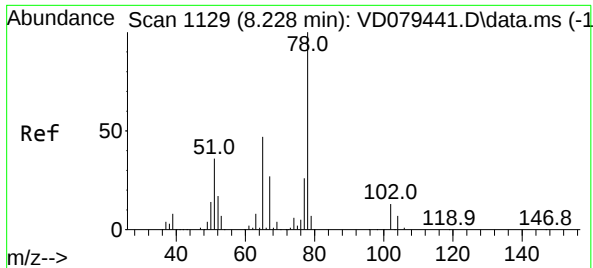
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#27
cis-1,2-Dichloroethene
Concen: 22542.647 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

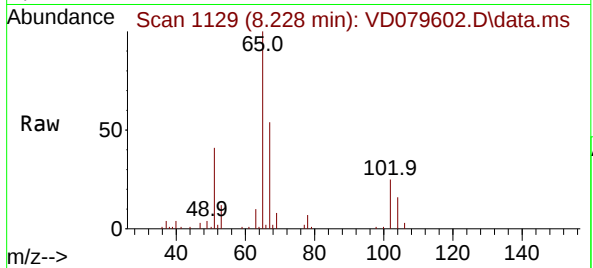
Tgt Ion: 96 Resp:19639994
Ion Ratio Lower Upper
96 100
61 114.3 0.0 229.0
98 67.5 0.0 127.2





#33
 1,2-Dichloroethane-d4
 Concen: 122.977 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079602.D
 Acq: 06 Aug 2024 02:50

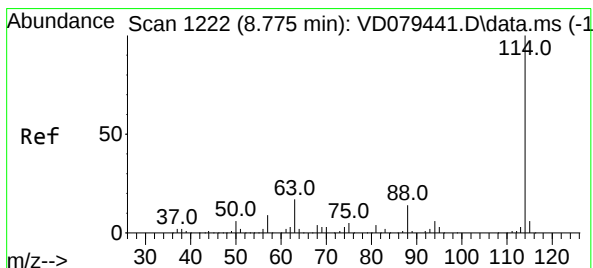
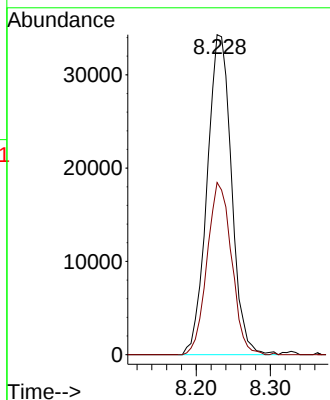
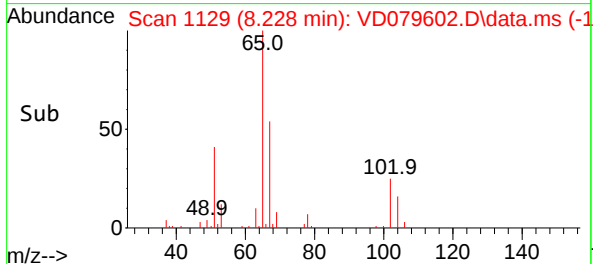
Instrument : MSVOA_D
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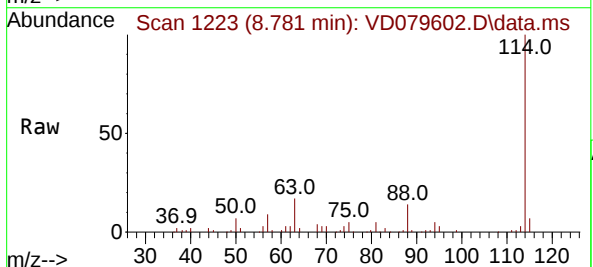
Tgt Ion: 65 Resp: 7845
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0

Manual Integrations
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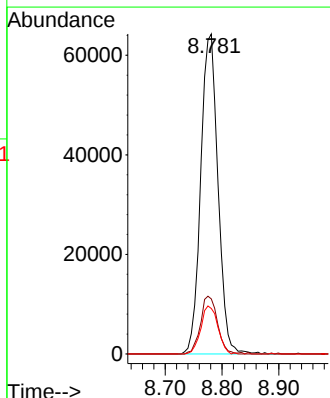
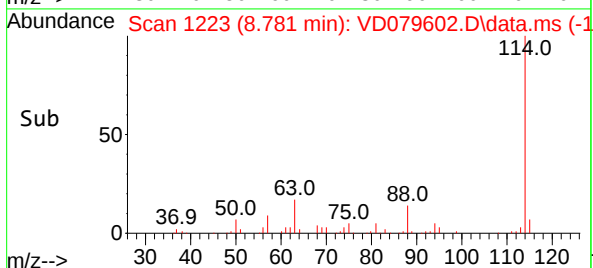
Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

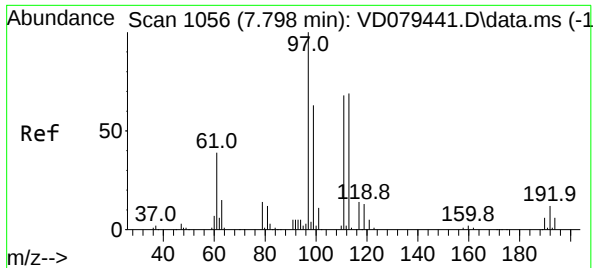


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD079602.D
 Acq: 06 Aug 2024 02:50



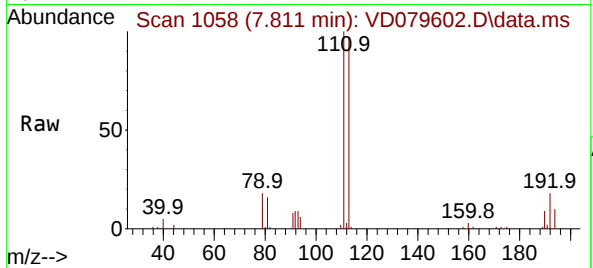
Tgt Ion:114 Resp: 135321
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.0
 88 14.2 0.0 27.2





#35
Dibromofluoromethane
Concen: 80.782 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

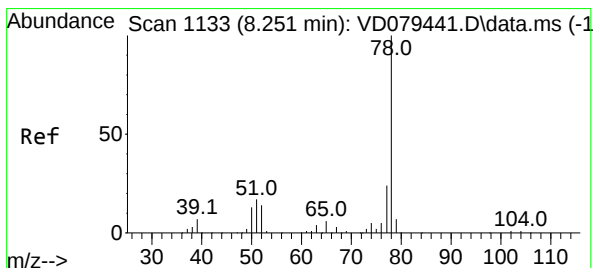
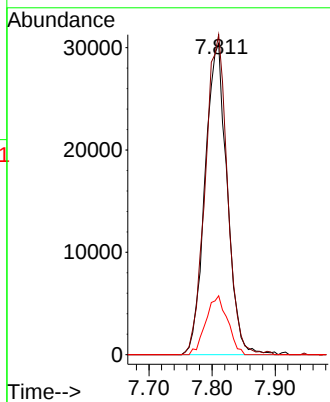
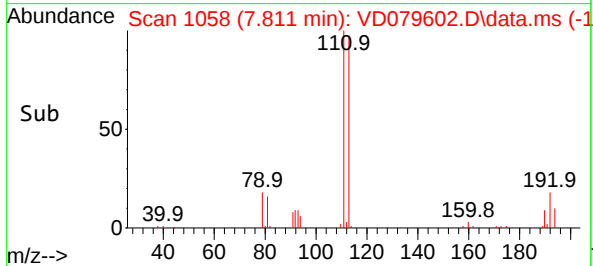
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12-12.5-072024



Tgt Ion:113 Resp: 73989
Ion Ratio Lower Upper
113 100
111 103.2 84.0 126.0
192 18.6 15.4 23.0

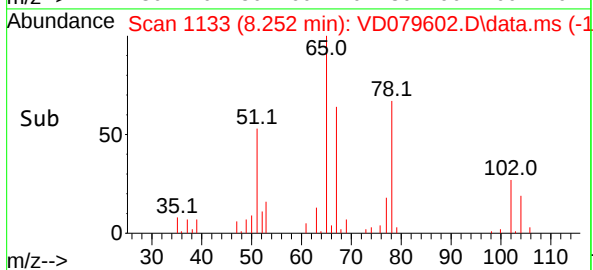
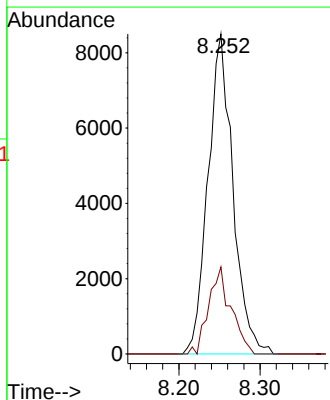
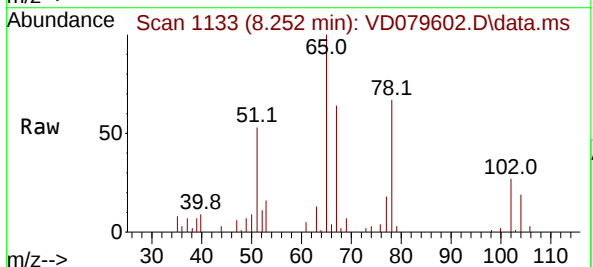
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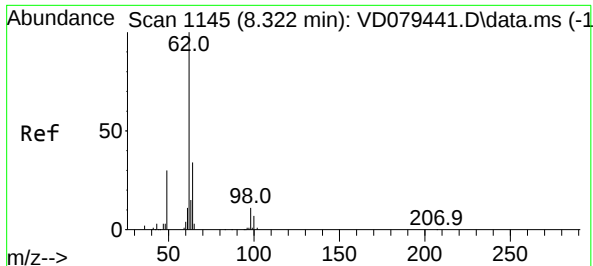
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#40
Benzene
Concen: 4.568 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

Tgt Ion: 78 Resp: 18138
Ion Ratio Lower Upper
78 100
77 27.2 18.1 27.1#





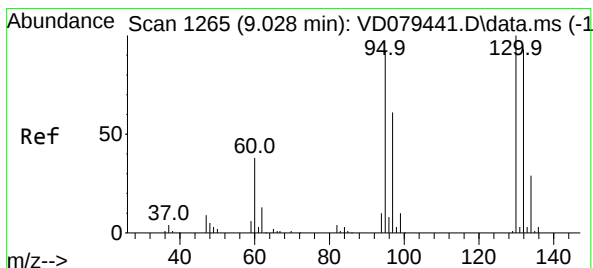
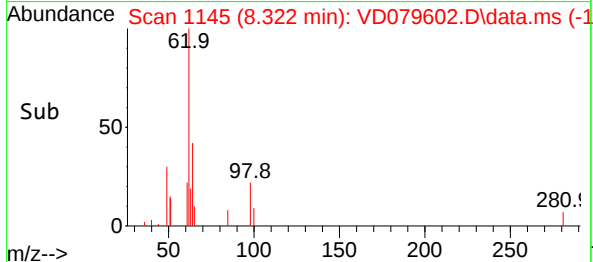
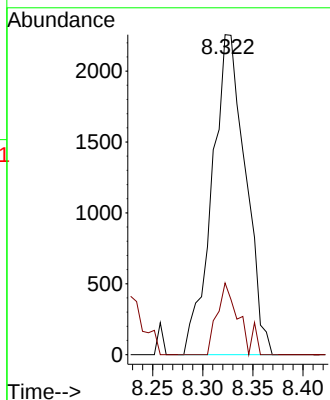
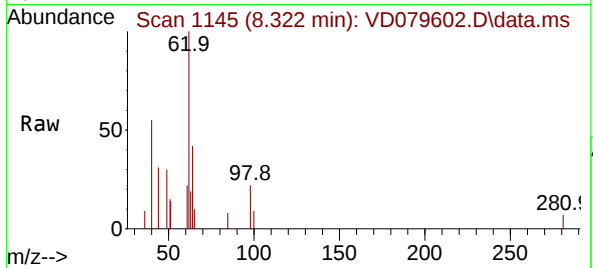
#42
1,2-Dichloroethane
Concen: 5.530 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12-12.5-072024

Tgt Ion: 62 Resp: 523
Ion Ratio Lower Upper
62 100
98 14.7 0.0 25.8

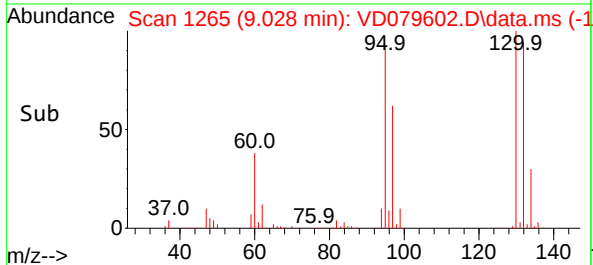
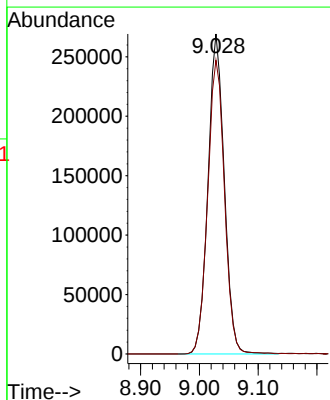
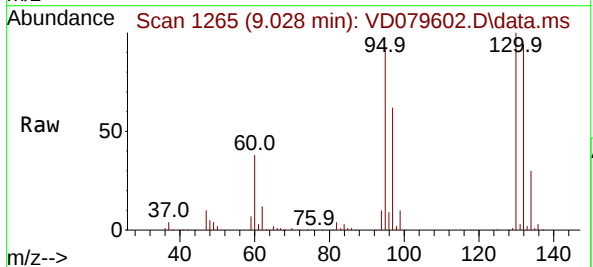
Manual Integrations
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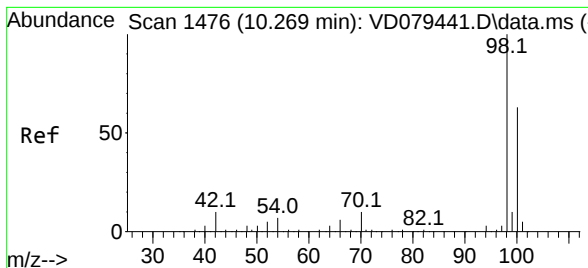
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#44
Trichloroethene
Concen: 523.671 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

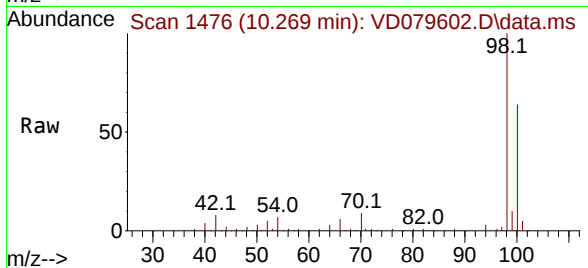
Tgt Ion:130 Resp: 517607
Ion Ratio Lower Upper
130 100
95 91.8 0.0 177.8





#50
Toluene-d8
Concen: 43.878 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

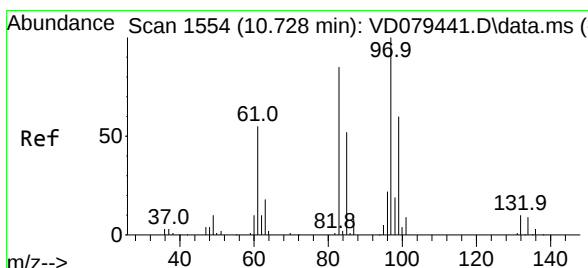
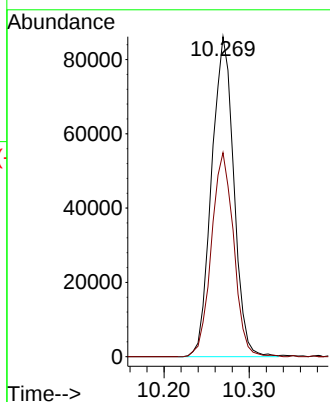
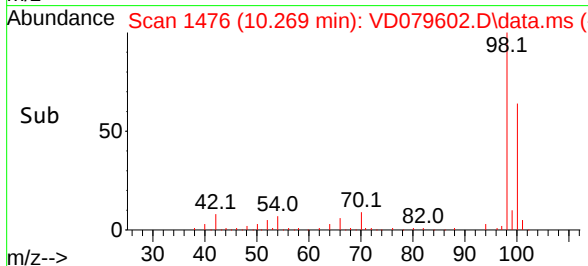
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12-12.5-072024



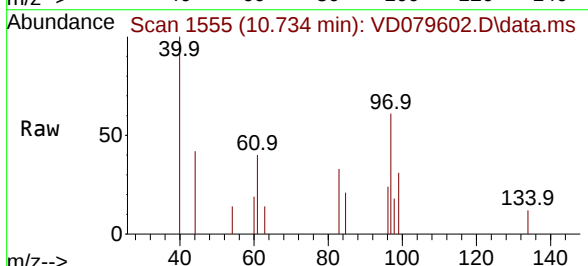
Tgt Ion: 98 Resp: 156060
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

Manual Integrations
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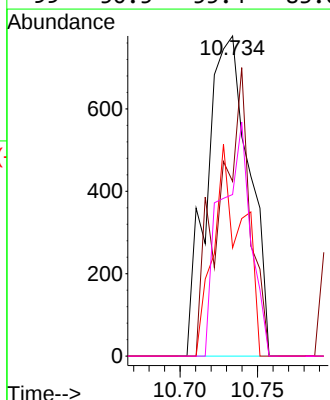
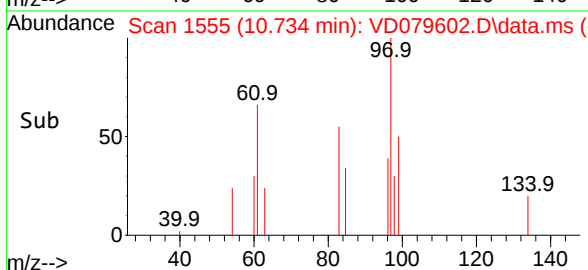
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024

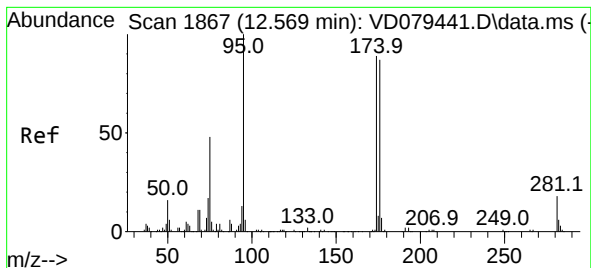


#55
1,1,2-Trichloroethane
Concen: 2.083 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50



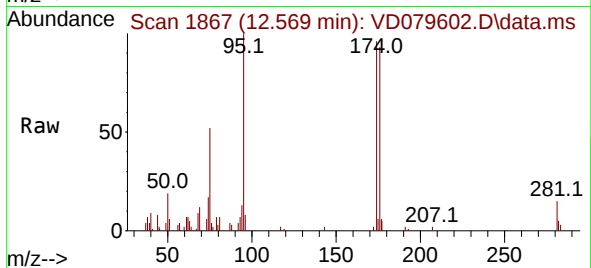
Tgt Ion: 97 Resp: 1470
Ion Ratio Lower Upper
97 100
83 54.6 65.8 98.8#
85 33.8 43.8 65.8#
99 50.5 55.4 83.0#





#62
4-Bromofluorobenzene
Concen: 22.593 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

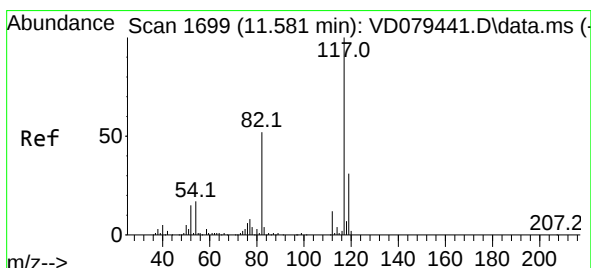
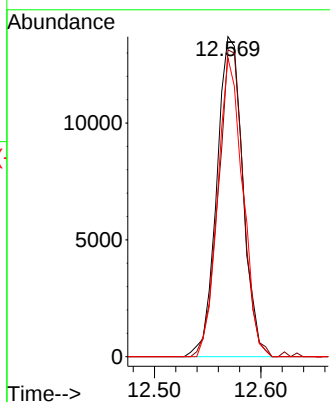
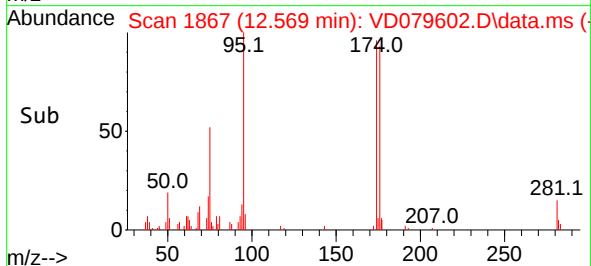
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12-12.5-072024



Tgt Ion: 95 Resp: 23254
Ion Ratio Lower Upper
95 100
174 92.5 0.0 195.4
176 89.6 0.0 192.6

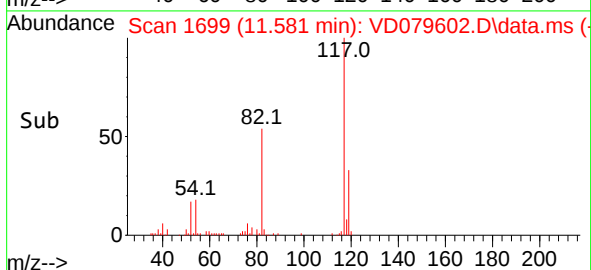
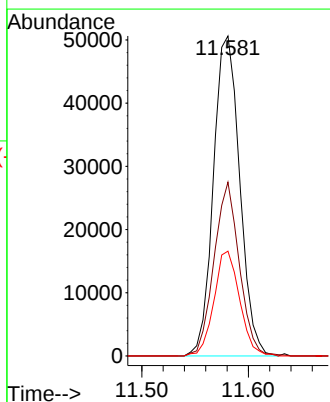
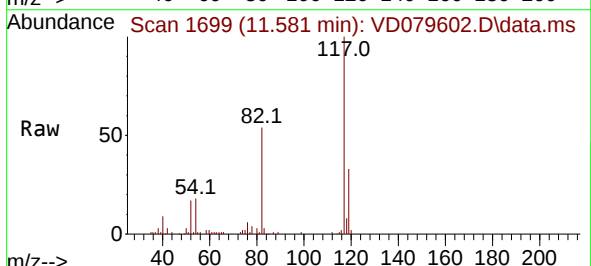
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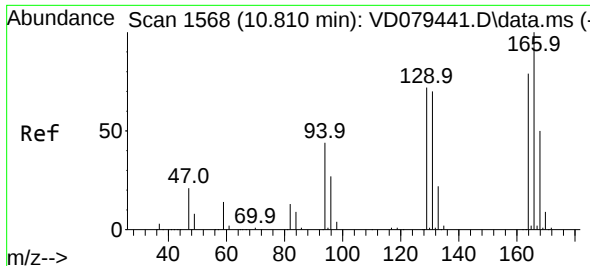
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

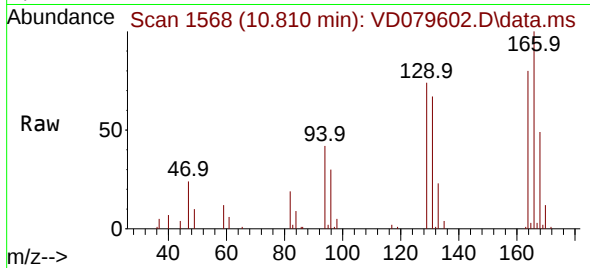
Tgt Ion:117 Resp: 86790
Ion Ratio Lower Upper
117 100
82 54.3 39.8 59.6
119 32.8 25.7 38.5





#64
Tetrachloroethene
Concen: 41.645 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

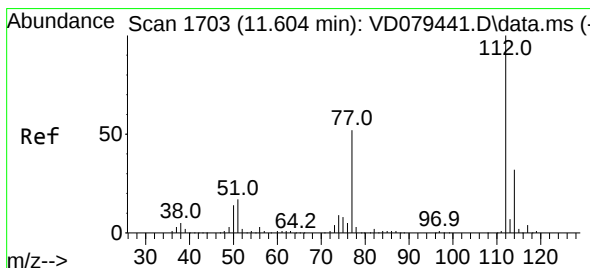
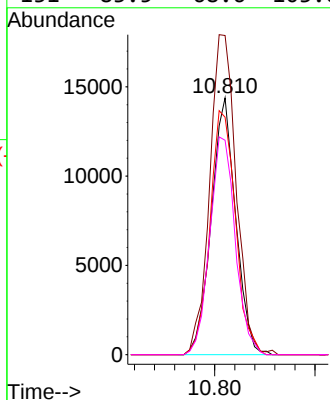
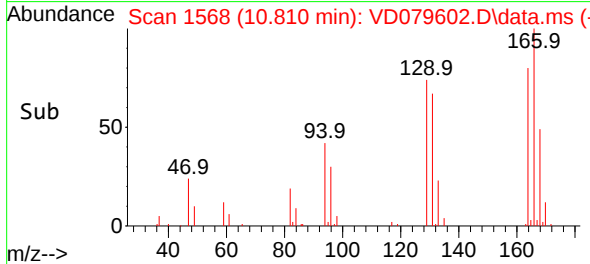
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12-12.5-072024



Tgt Ion:164 Resp: 24372
Ion Ratio Lower Upper
164 100
166 124.3 108.6 163.0
129 92.5 74.6 112.0
131 83.5 68.6 103.0

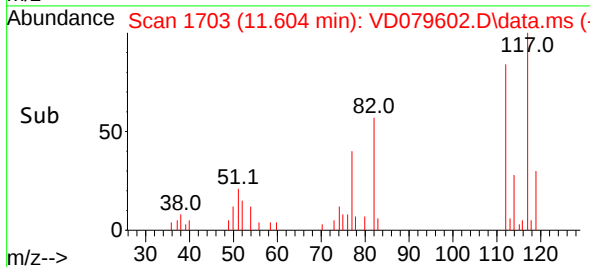
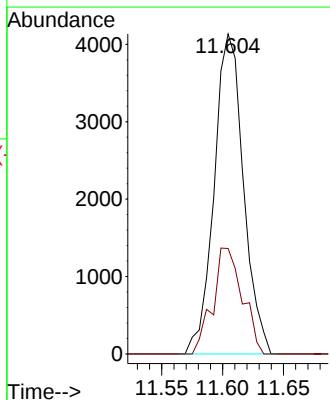
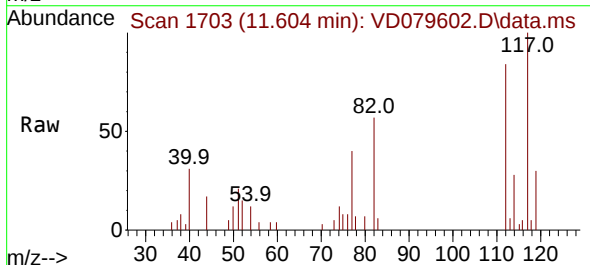
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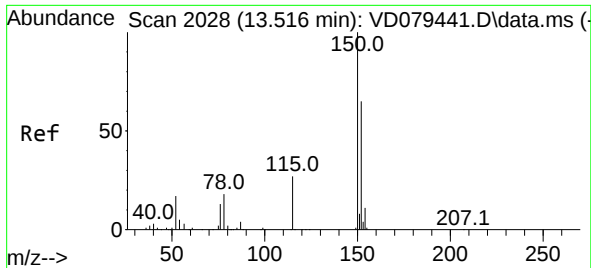
Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024



#65
Chlorobenzene
Concen: 3.599 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079602.D
Acq: 06 Aug 2024 02:50

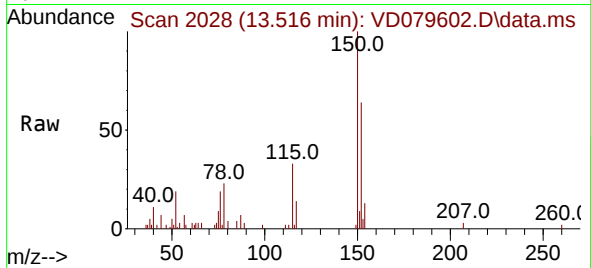
Tgt Ion:112 Resp: 6917
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079602.D
 Acq: 06 Aug 2024 02:50

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-12-12.5-072024



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	26.5	79.5
150	161.2	0.0	341.6

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Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

