

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041573.D
 Acq On : 21 Aug 2024 19:02
 Operator : SY/MD
 Sample : P3709-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:15:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 22 2024
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		5.198	49	961874	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.655	114	2520166	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.458	117	2301291	10.000	ppbv	# 0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.770	95	1773743	10.016	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 100.200%	
Target Compounds							
							Qvalue
9) Propene		2.729	41	14173m	0.269	ppbv	
13) Ethanol		3.275	45	12298	2.616	ppbv	67
15) Acetone		3.504	43	77049	0.705	ppbv	# 82
20) Methylene Chloride		3.944	84	29902	0.734	ppbv	96
26) Hexane		5.217	57	44675	0.496	ppbv	# 36
29) Chloroform		5.282	83	37462	0.255	ppbv	# 81
34) 2-Butanone		4.812	43	41221m	0.338	ppbv	
38) Trichloroethene		7.291	130	5104m	0.060	ppbv	
52) Tetrachloroethene		10.610	164	90185	1.267	ppbv	95
53) Toluene		9.217	91	26102m	0.127	ppbv	

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

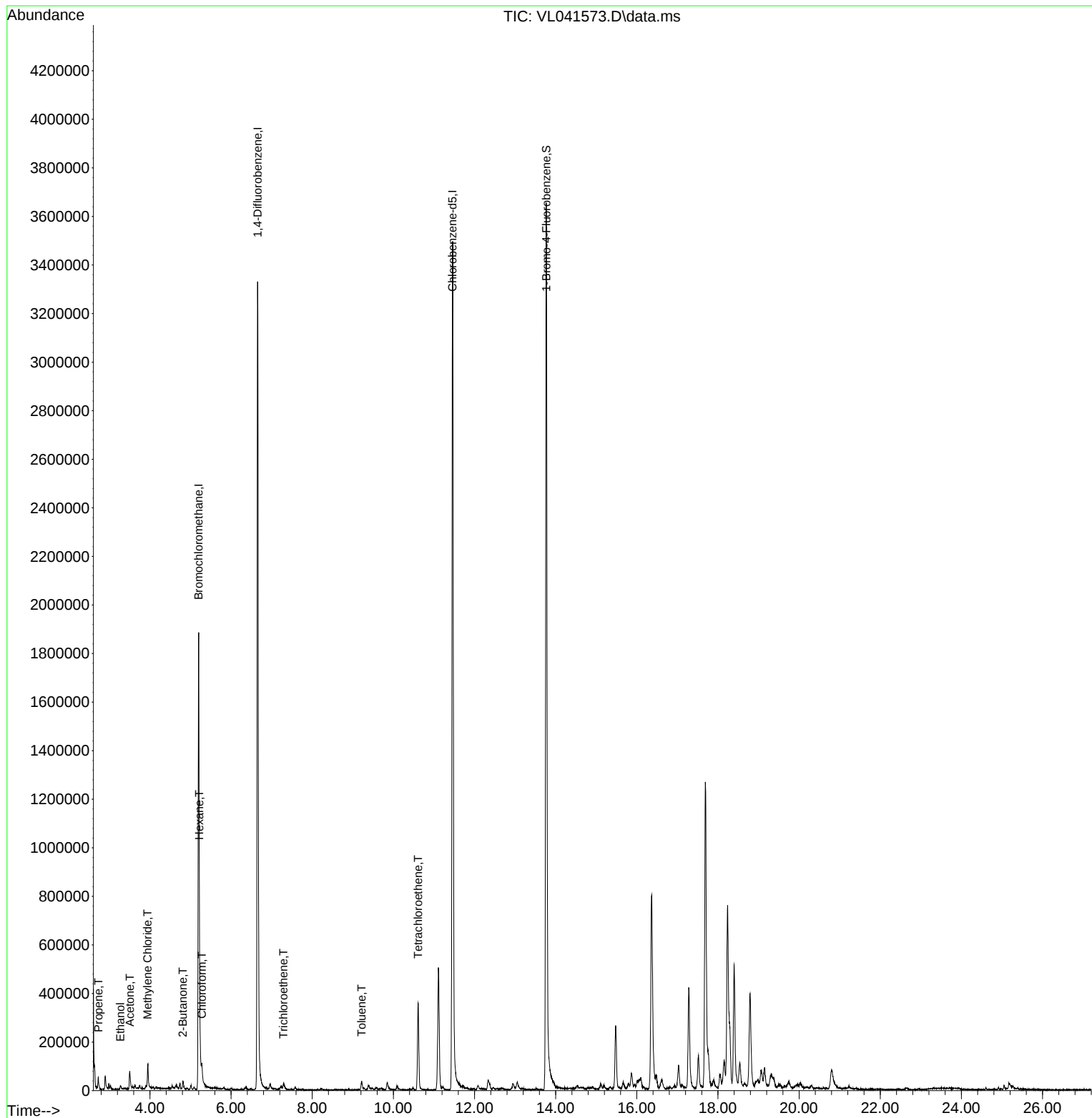
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041573.D
Acq On : 21 Aug 2024 19:02
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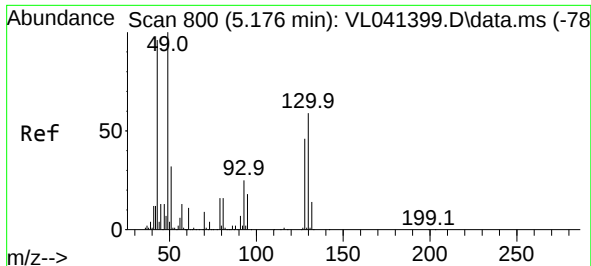
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

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Quant Time: Aug 22 01:15:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration





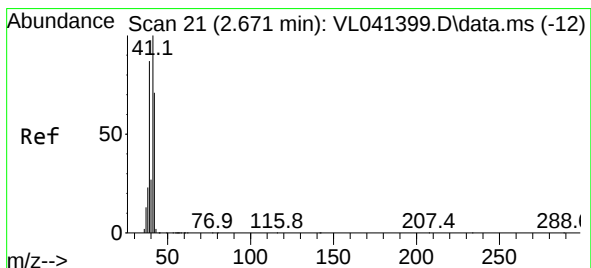
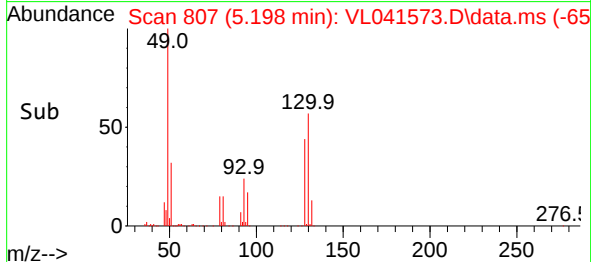
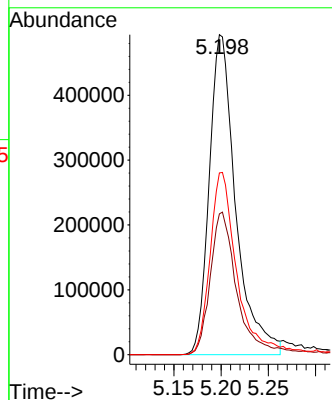
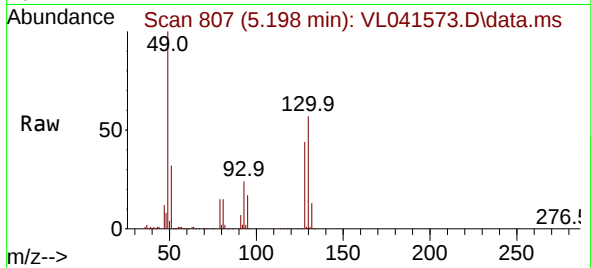
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 961874
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.4
130 59.5 30.8 92.4

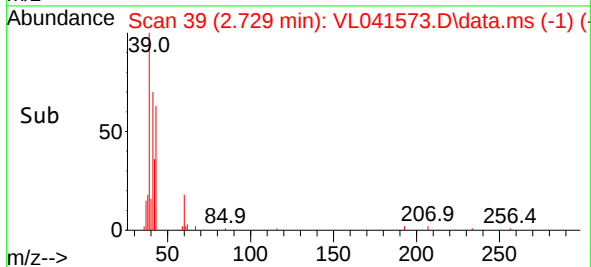
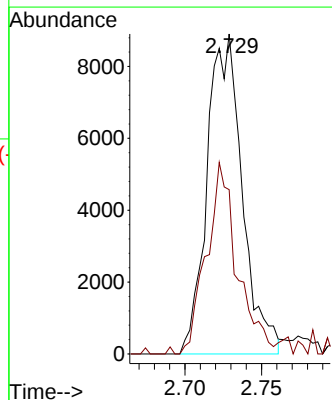
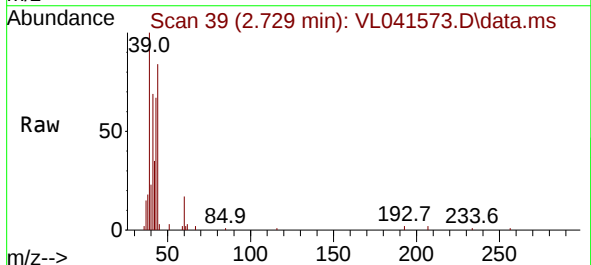
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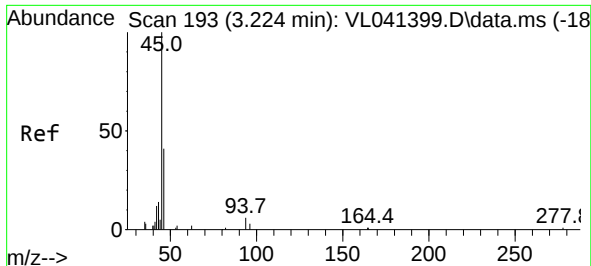
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#9
Propene
Concen: 0.269 ppbv m
RT: 2.729 min Scan# 39
Delta R.T. 0.022 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

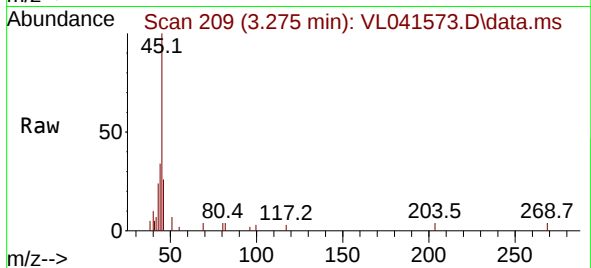
Tgt Ion: 41 Resp: 14173
Ion Ratio Lower Upper
41 100
42 18.2 55.9 83.9#





#13
Ethanol
Concen: 2.616 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.016 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

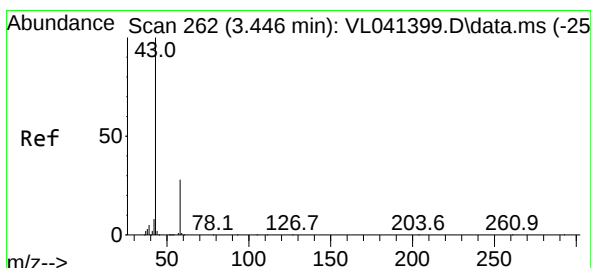
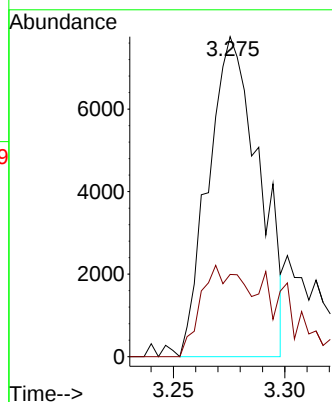
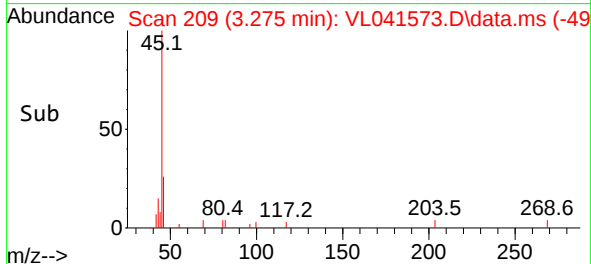
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



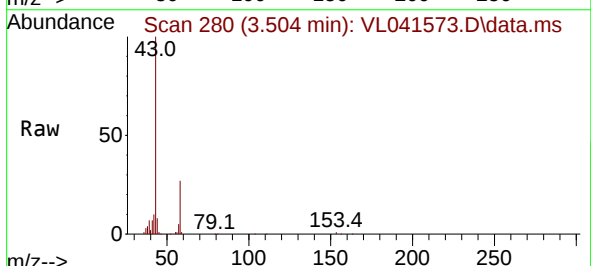
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Ion Ratio Lower Upper
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46 52.2 13.4 53.4

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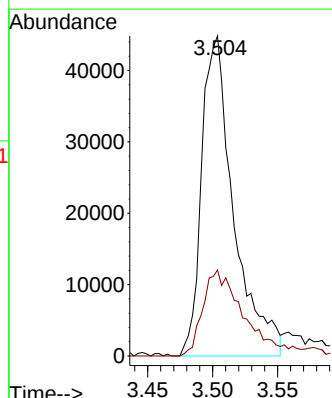
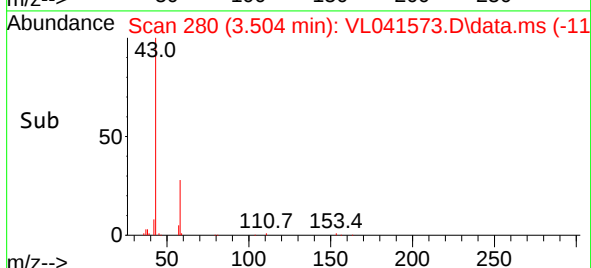
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

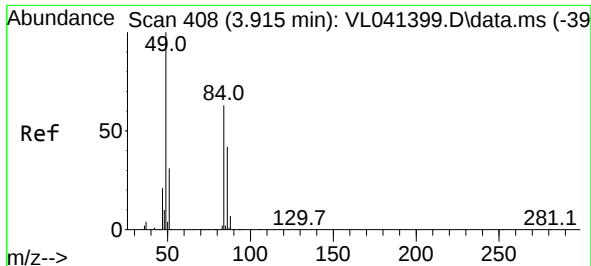


#15
Acetone
Concen: 0.705 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.026 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02



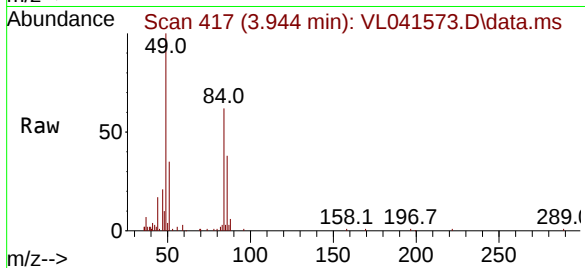
Tgt Ion: 43 Resp: 77049
Ion Ratio Lower Upper
43 100
58 36.1 21.4 32.2#





#20
Methylene Chloride
Concen: 0.734 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.003 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

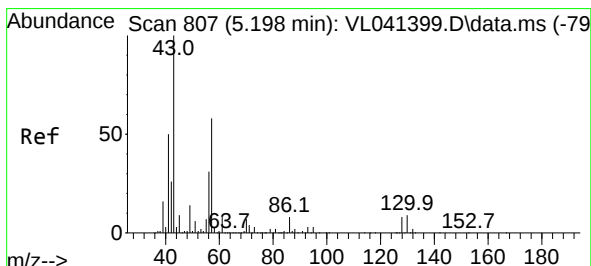
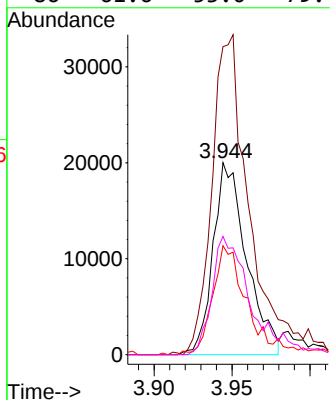
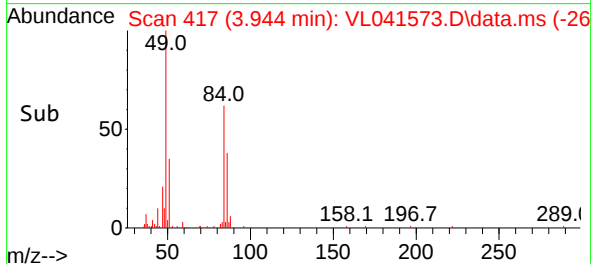
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:	84	Resp:	2990
Ion	Ratio	Lower	Upper
84	100		
49	158.8	126.6	190.0
51	56.7	38.6	58.0
86	61.6	53.0	79.4

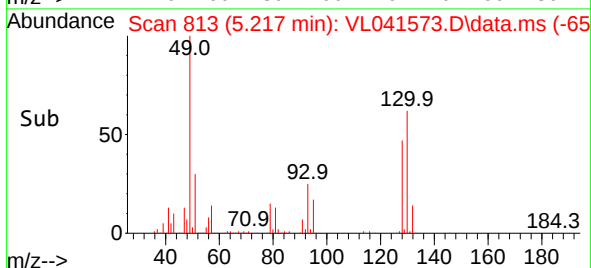
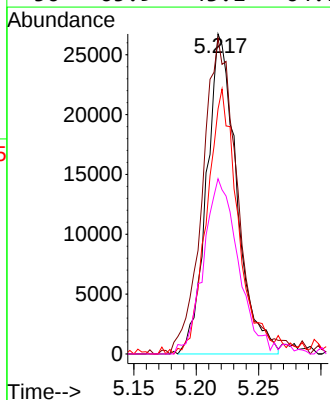
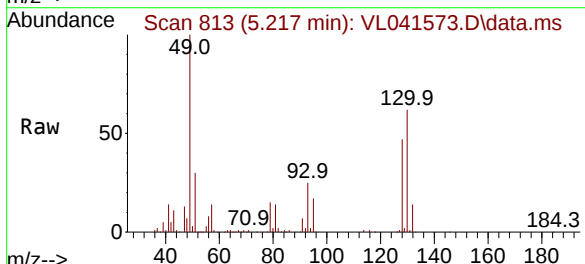
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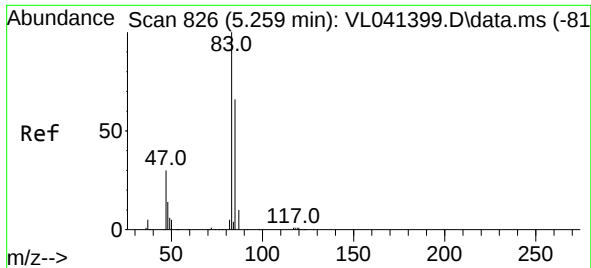
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#26
Hexane
Concen: 0.496 ppbv
RT: 5.217 min Scan# 813
Delta R.T. -0.000 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

Tgt Ion:	57	Resp:	44675
Ion	Ratio	Lower	Upper
57	100		
41	118.0	74.0	111.0#
43	89.1	193.6	290.4#
56	65.9	43.1	64.7#





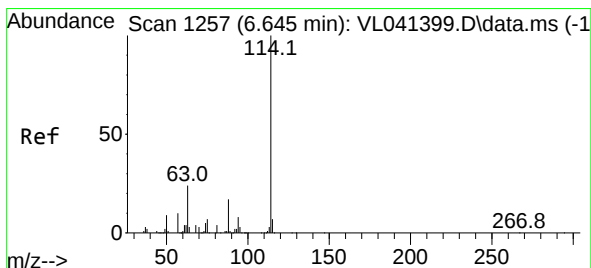
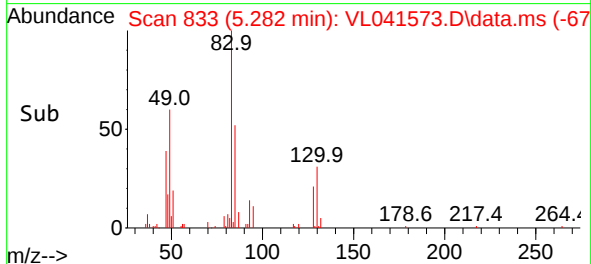
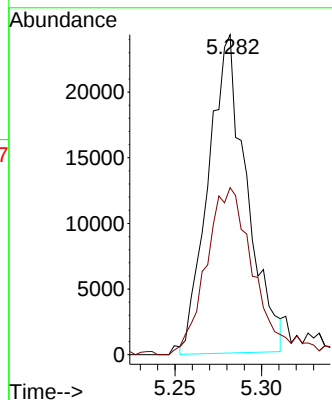
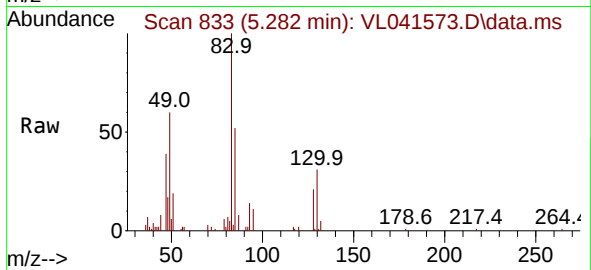
#29
Chloroform
Concen: 0.255 ppbv
RT: 5.282 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 83 Resp: 37462
Ion Ratio Lower Upper
83 100
85 50.9 53.1 79.7

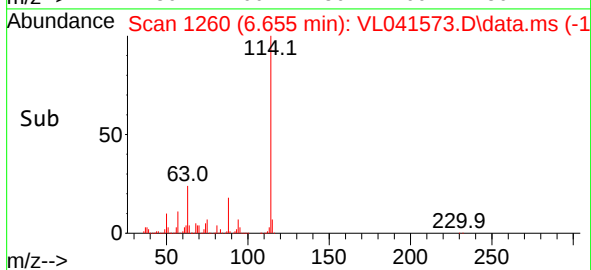
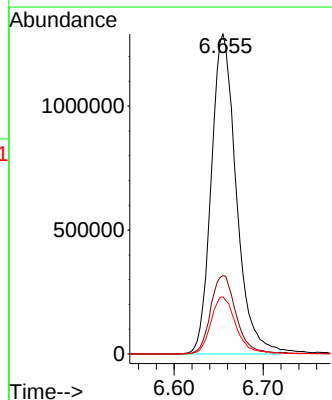
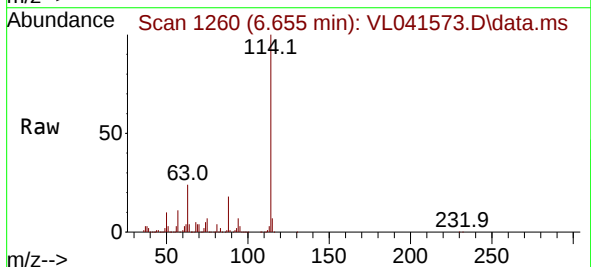
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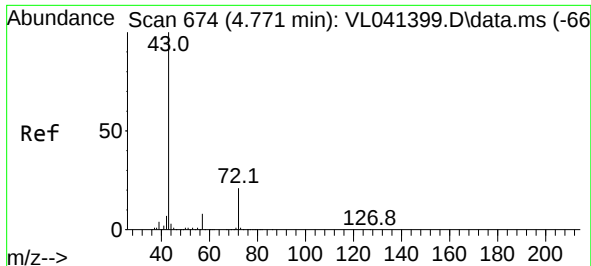
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

Tgt Ion:114 Resp: 2520166
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 18.1 14.3 21.5





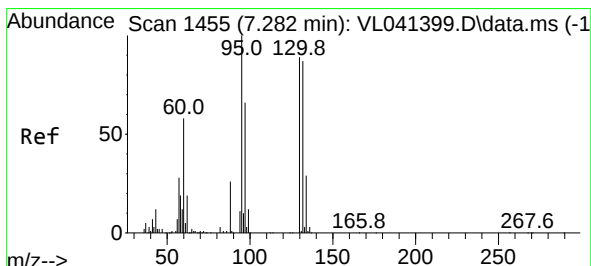
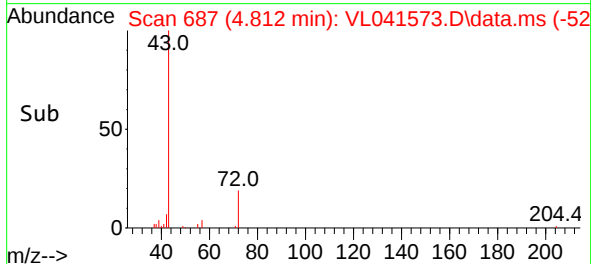
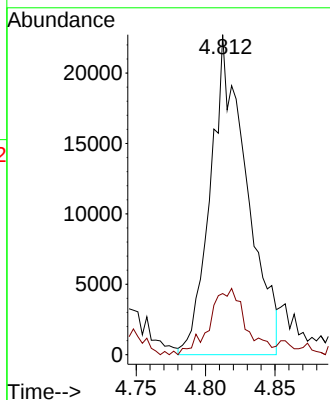
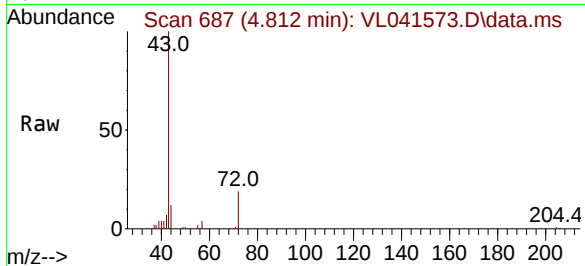
#34
2-Butanone
Concen: 0.338 ppbv m
RT: 4.812 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 4122
Ion Ratio Lower Upper
43 100
72 0.0 17.3 25.9

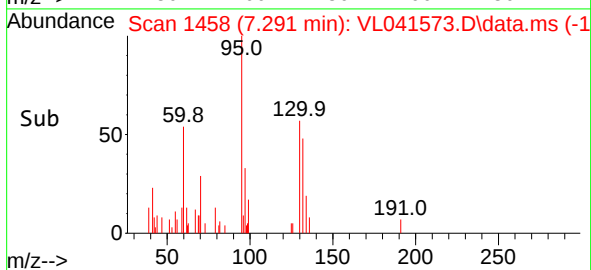
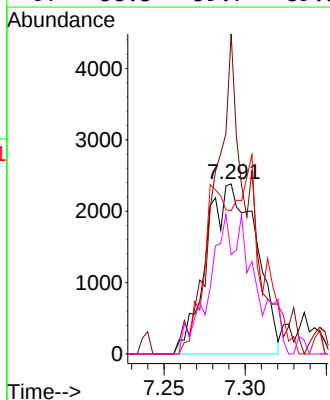
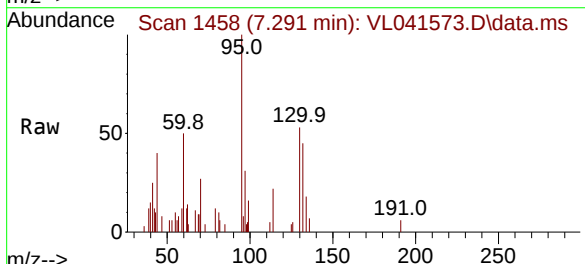
Manual Integrations
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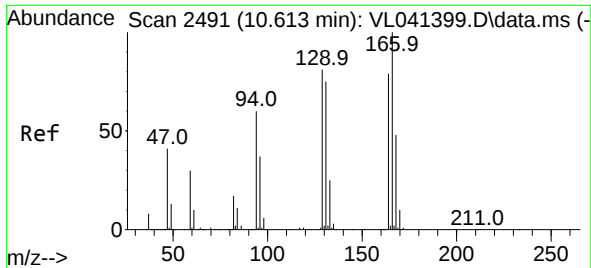
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#38
Trichloroethene
Concen: 0.060 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

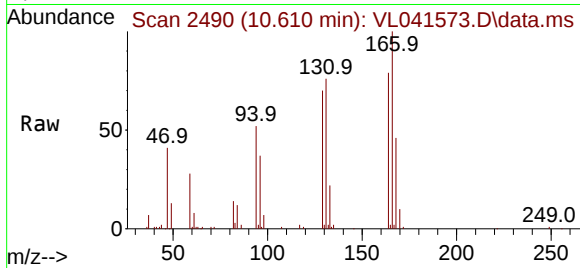
Tgt Ion:130 Resp: 5104
Ion Ratio Lower Upper
130 100
95 188.1 90.2 135.2#
132 84.2 78.1 117.1
97 58.3 59.7 89.5#





#52
Tetrachloroethene
Concen: 1.267 ppbv
RT: 10.610 min Scan# 2491
Delta R.T. -0.006 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

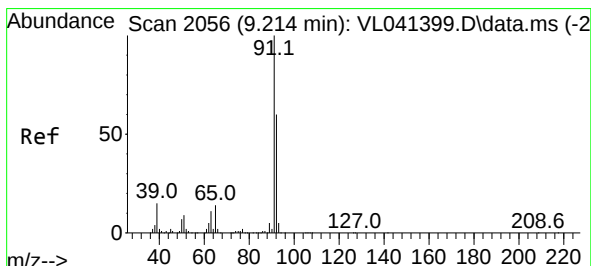
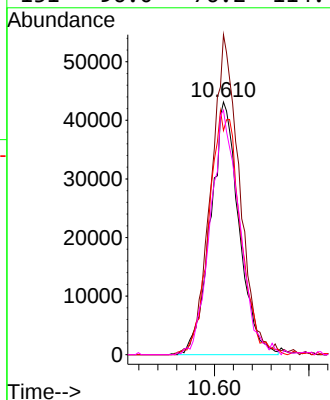
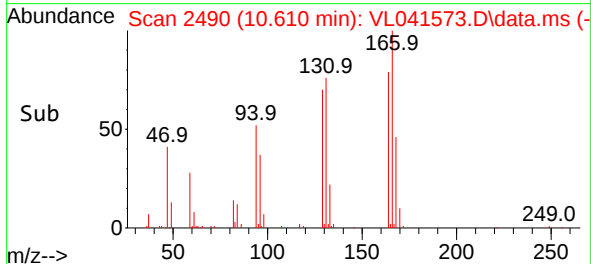
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:164 Resp: 9018
Ion Ratio Lower Upper
164 100
166 126.0 101.1 151.7
129 87.6 81.7 122.5
131 96.0 76.2 114.4

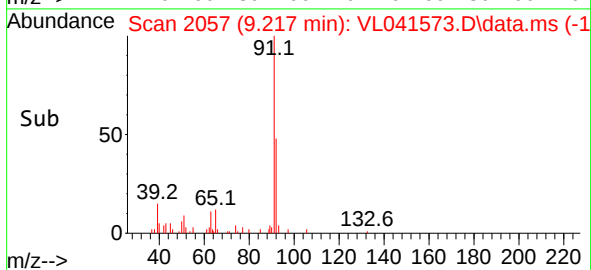
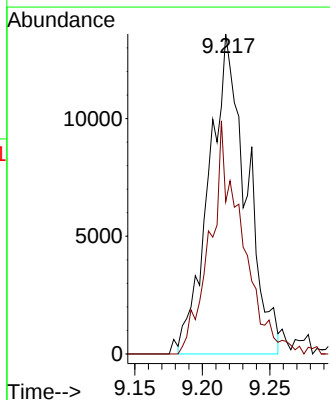
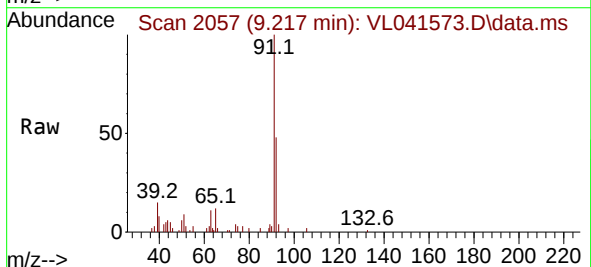
Manual Integrations
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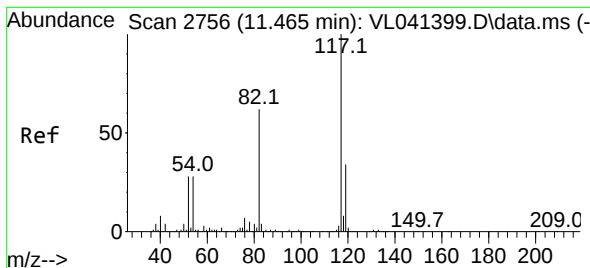
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#53
Toluene
Concen: 0.127 ppbv m
RT: 9.217 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

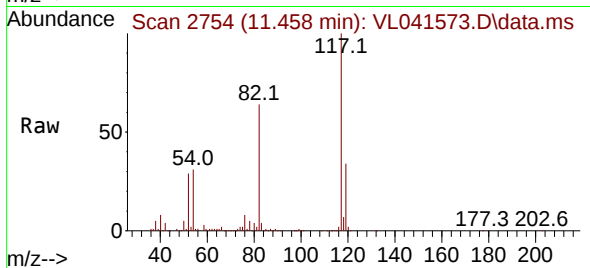
Tgt Ion: 91 Resp: 26102
Ion Ratio Lower Upper
91 100
92 62.4 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

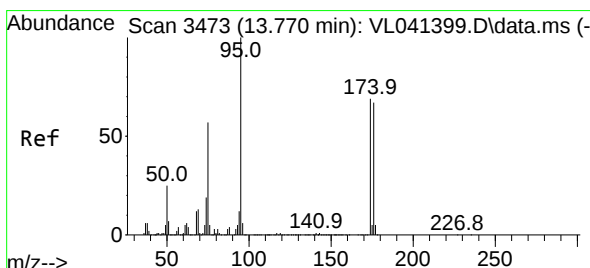
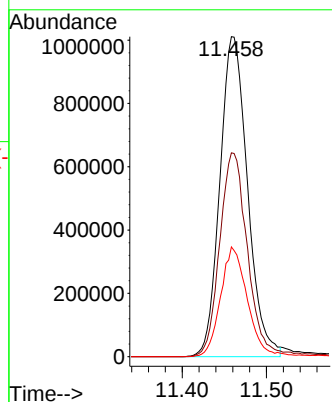
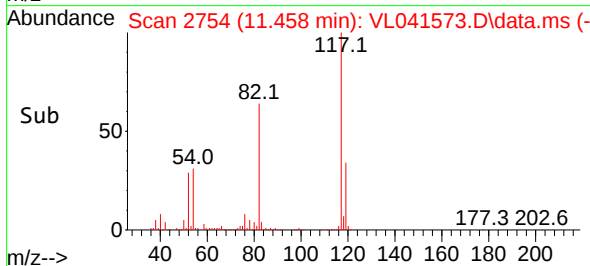
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 117 Resp: 230129
Ion Ratio Lower Upper
117 100
82 65.7 51.0 76.6
119 33.4 45.2 67.8

Manual Integrations
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Supervised By :Mahesh Dadoda 08/23/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.016 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041573.D
Acq: 21 Aug 2024 19:02

Tgt Ion: 95 Resp: 1773743
Ion Ratio Lower Upper
95 100
174 70.1 56.3 84.5
175 5.1 4.0 6.0

