

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041575.D
 Acq On : 21 Aug 2024 20:24
 Operator : SY/MD
 Sample : P3709-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 01:15:54 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 01:15:54 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	5.195	49	960383	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2561931	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2337718	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1793518	9.969	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						Qvalue
9) Propene	2.713	41	15283	0.291	ppbv	93
13) Ethanol	3.272	45	3462m	0.738	ppbv	
15) Acetone	3.494	43	80127	0.734	ppbv #	75
20) Methylene Chloride	3.941	84	11077m	0.272	ppbv	
23) Vinyl Acetate	4.645	43	45635	0.548	ppbv #	85
26) Hexane	5.214	57	38563	0.429	ppbv #	35
29) Chloroform	5.275	83	55418	0.378	ppbv	92
34) 2-Butanone	4.812	43	69821m	0.563	ppbv	
52) Tetrachloroethene	10.606	164	199406	2.757	ppbv	95
53) Toluene	9.217	91	27103m	0.130	ppbv	

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

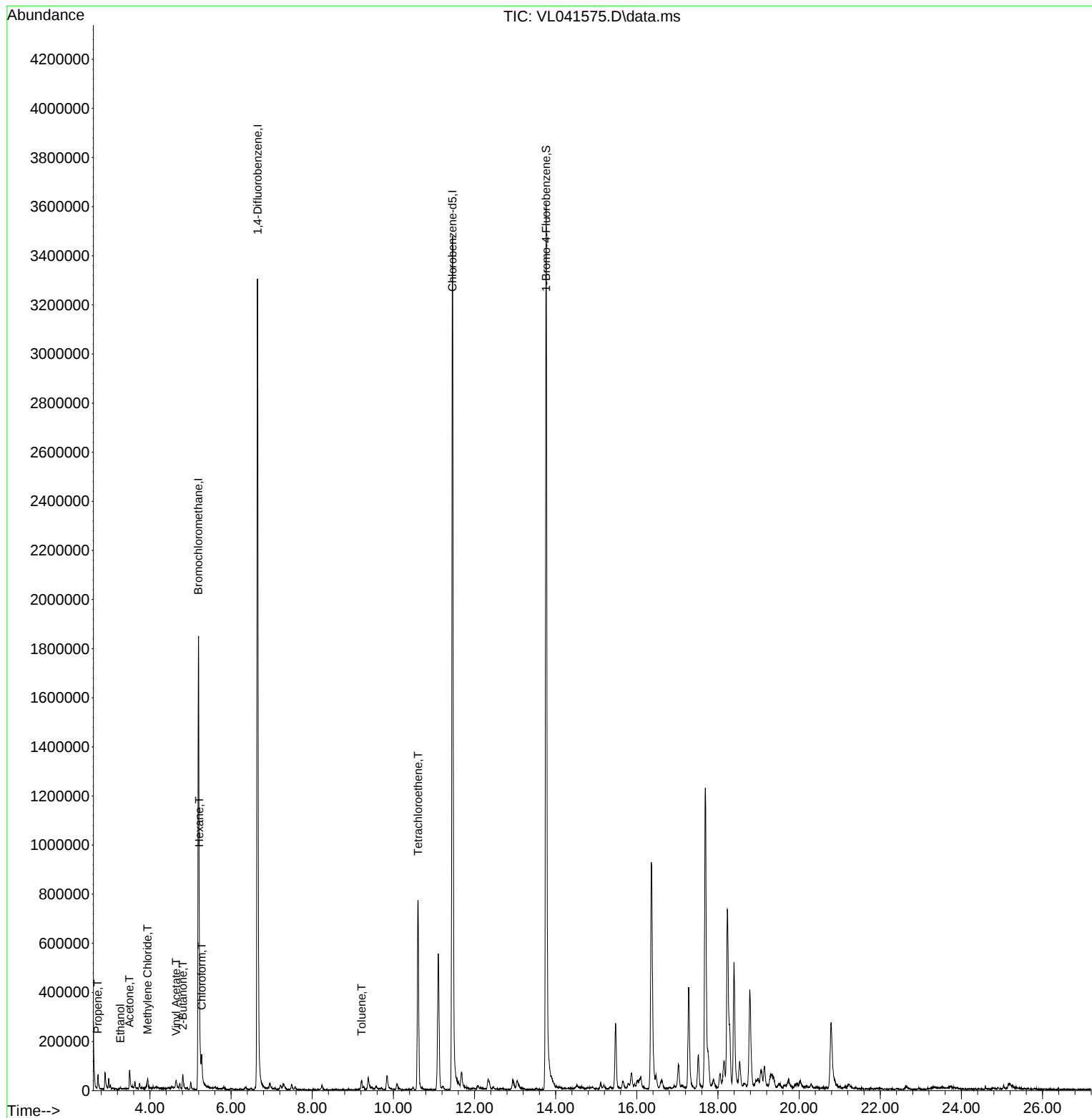
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041575.D
Acq On : 21 Aug 2024 20:24
Operator : SY/MD
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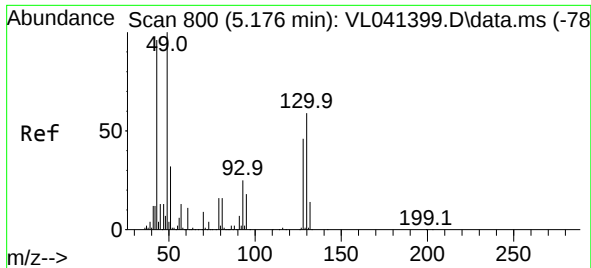
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Aug 22 01:15:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration





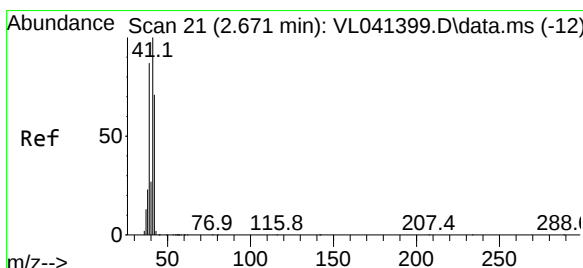
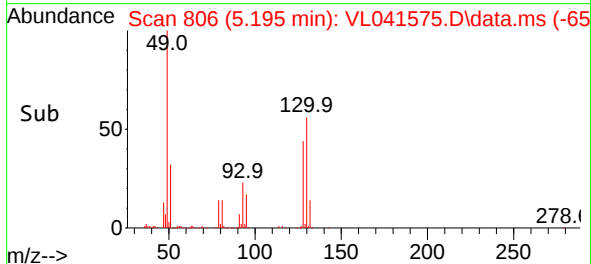
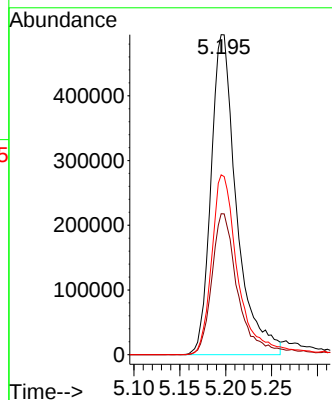
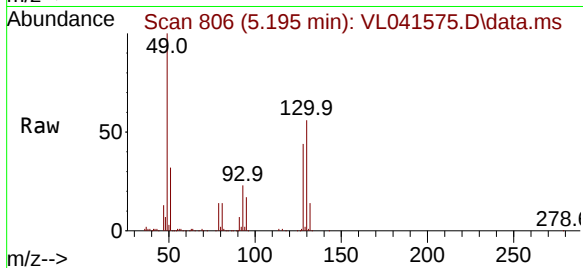
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 49 Resp: 96038
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.4
130 58.6 30.8 92.4

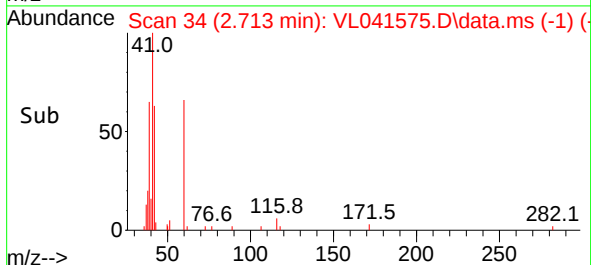
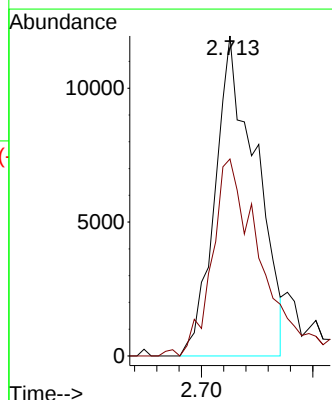
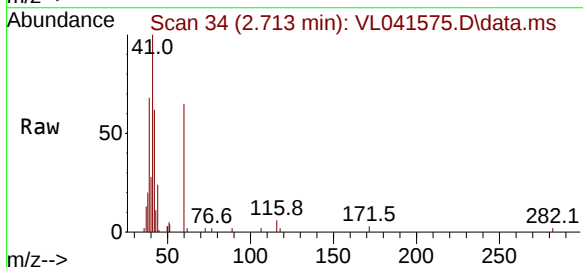
Manual Integrations
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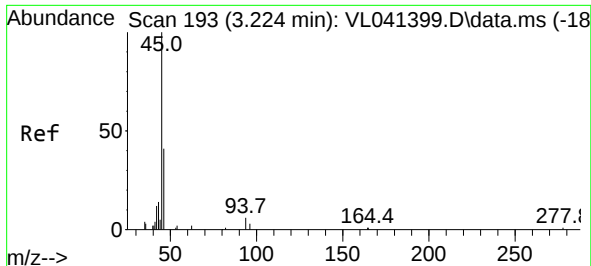
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#9
Propene
Concen: 0.291 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.006 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

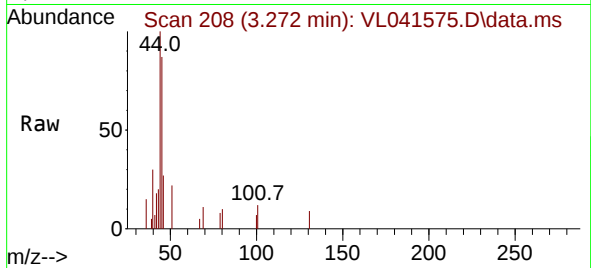
Tgt Ion: 41 Resp: 15283
Ion Ratio Lower Upper
41 100
42 75.9 55.9 83.9





#13
Ethanol
Concen: 0.738 ppbv m
RT: 3.272 min Scan# 208
Delta R.T. 0.013 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

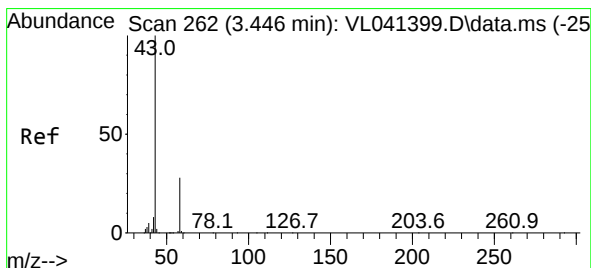
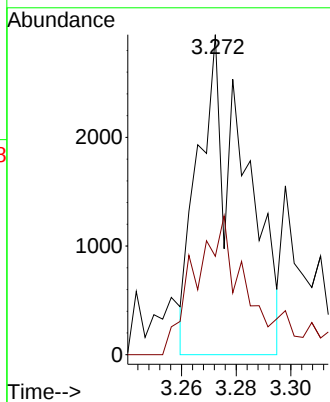
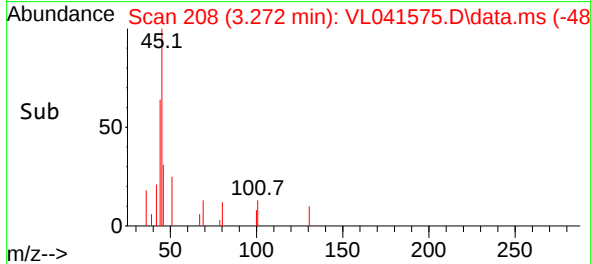
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



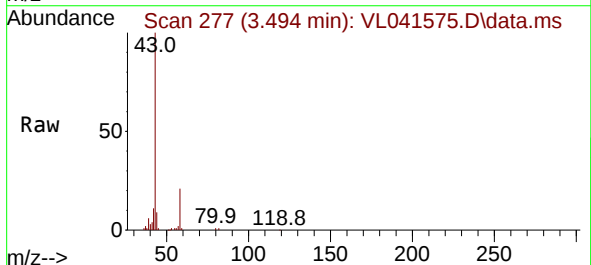
Tgt Ion: 45 Resp: 3462
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4

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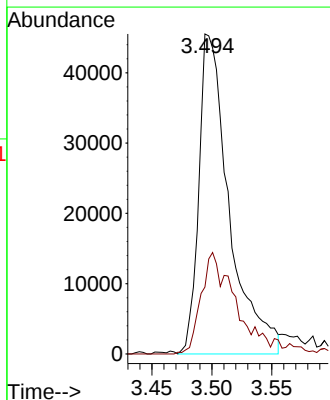
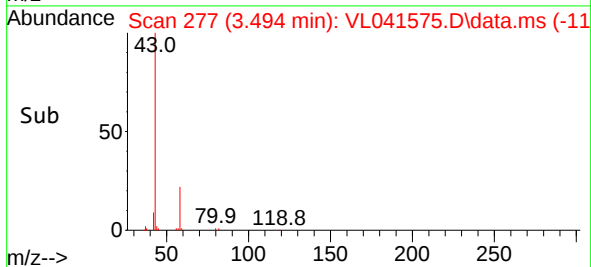
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

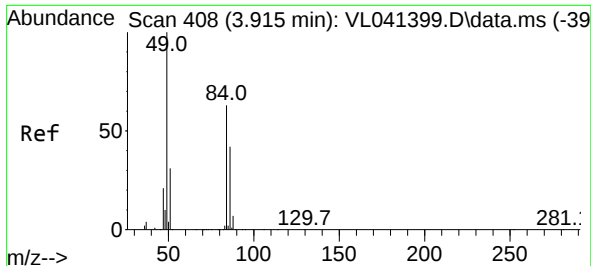


#15
Acetone
Concen: 0.734 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.016 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24



Tgt Ion: 43 Resp: 80127
Ion Ratio Lower Upper
43 100
58 39.5 21.4 32.2





#20

Methylene Chloride

Concen: 0.272 ppbv m

RT: 3.941 min Scan# 416

Delta R.T. 0.000 min

Lab File: VL041575.D

Acq: 21 Aug 2024 20:24

Instrument :

MSVOA_L

ClientSampleId :

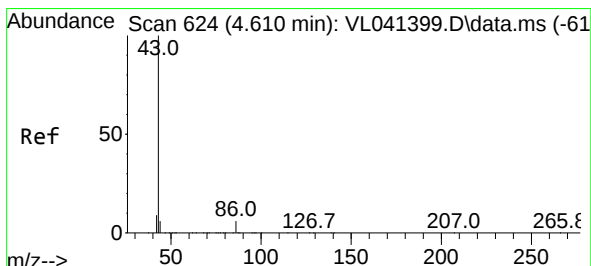
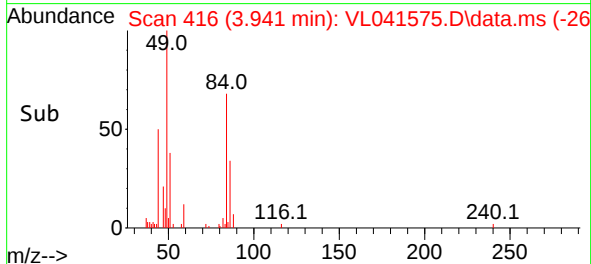
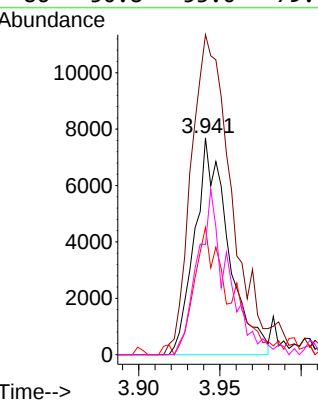
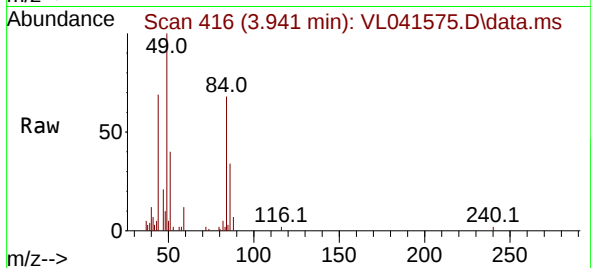
SV2DL

Tgt Ion:	84	Resp:	1107
Ion	Ratio	Lower	Upper
84	100		
49	147.6	126.6	190.0
51	58.8	38.6	58.0
86	50.8	53.0	79.4

Manual Integrations

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#23

Vinyl Acetate

Concen: 0.548 ppbv

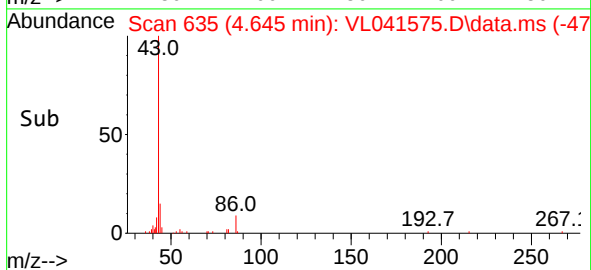
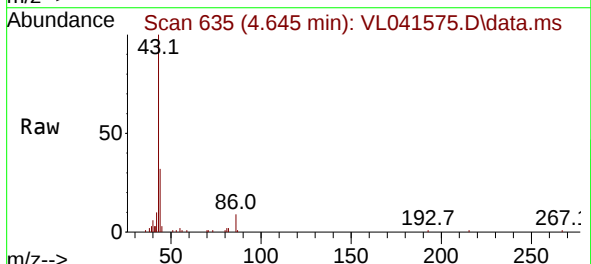
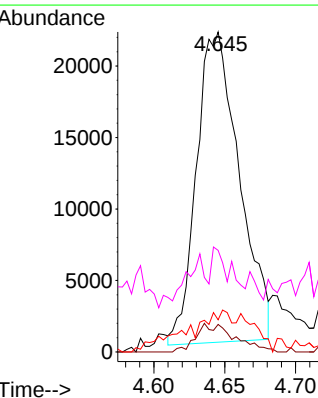
RT: 4.645 min Scan# 635

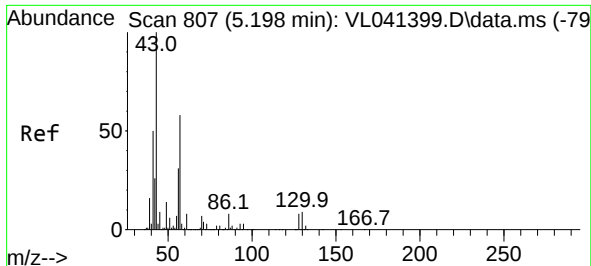
Delta R.T. 0.013 min

Lab File: VL041575.D

Acq: 21 Aug 2024 20:24

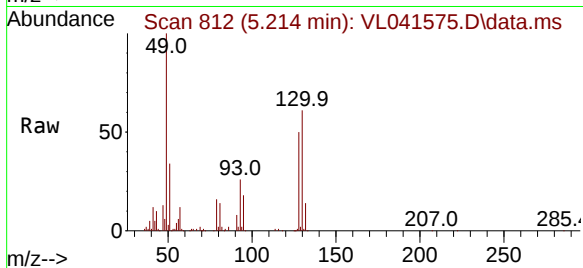
Tgt Ion:	43	Resp:	45635
Ion	Ratio	Lower	Upper
43	100		
86	9.1	4.6	6.8
42	6.2	7.9	11.9
44	15.5	4.2	6.4





#26
Hexane
Concen: 0.429 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

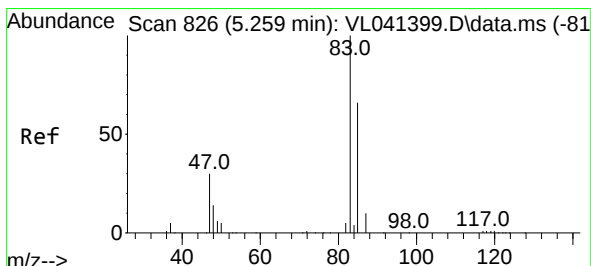
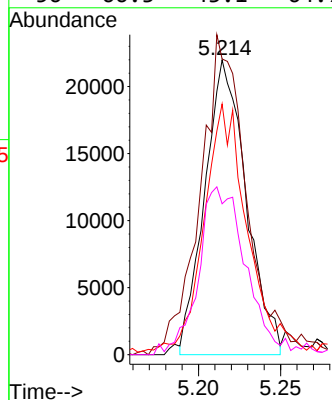
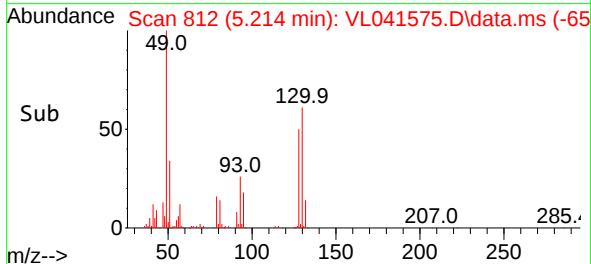
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 57 Resp: 3856
Ion Ratio Lower Upper
57 100
41 126.0 74.0 111.0
43 94.5 193.6 290.4
56 66.3 43.1 64.7

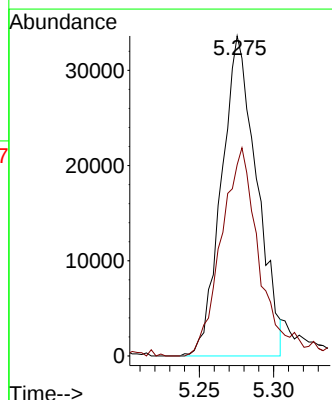
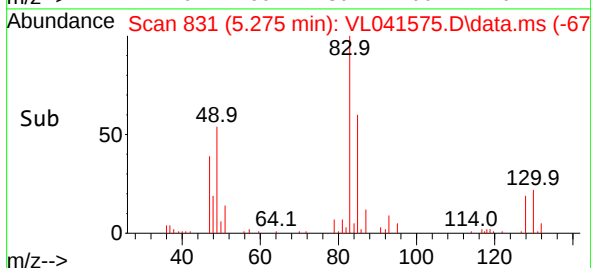
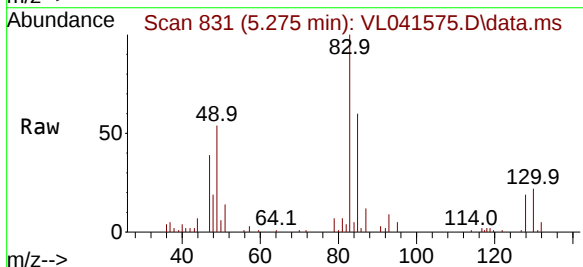
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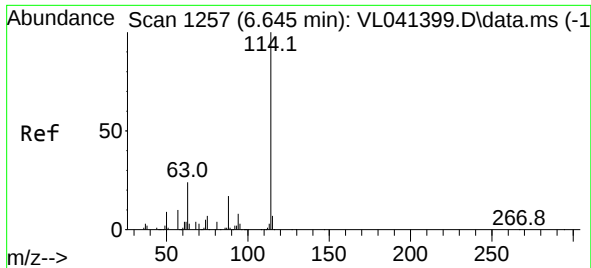
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#29
Chloroform
Concen: 0.378 ppbv
RT: 5.275 min Scan# 831
Delta R.T. -0.003 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

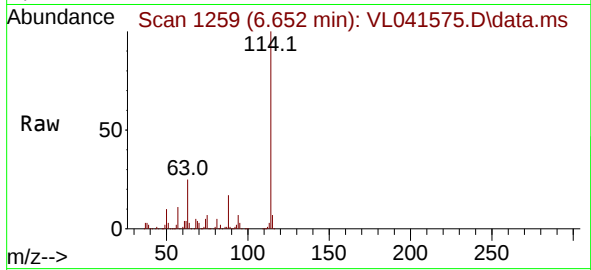
Tgt Ion: 83 Resp: 55418
Ion Ratio Lower Upper
83 100
85 59.8 53.1 79.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

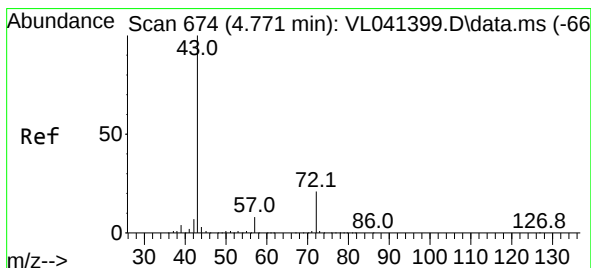
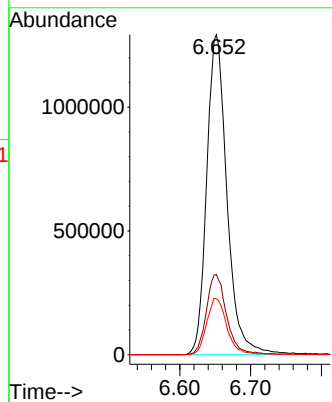
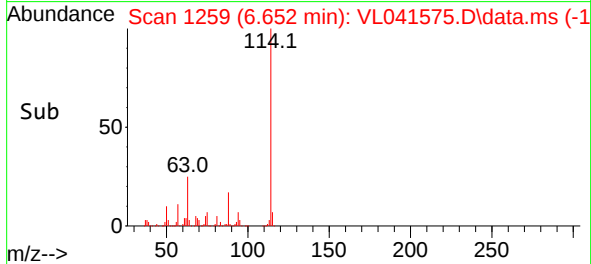
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:114 Resp: 256193
Ion Ratio Lower Upper
114 100
63 25.3 20.3 30.5
88 17.7 14.3 21.5

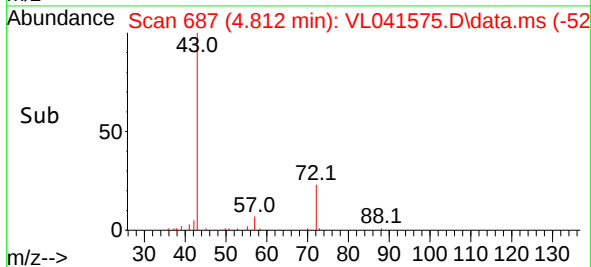
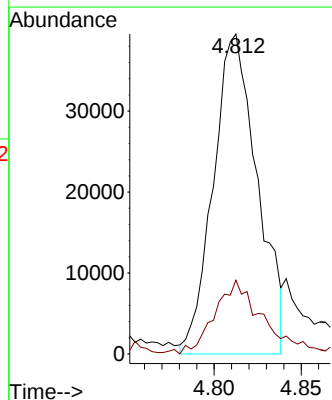
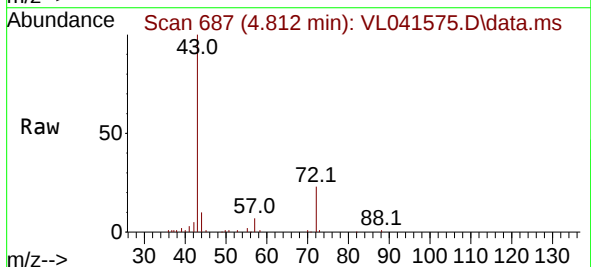
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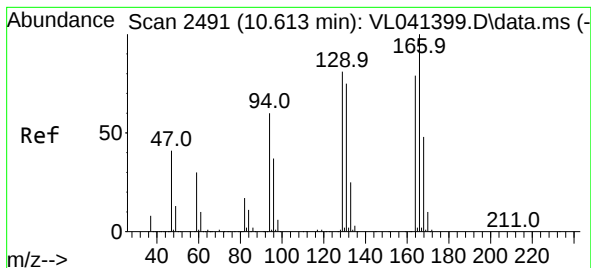
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#34
2-Butanone
Concen: 0.563 ppbv m
RT: 4.812 min Scan# 687
Delta R.T. 0.019 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

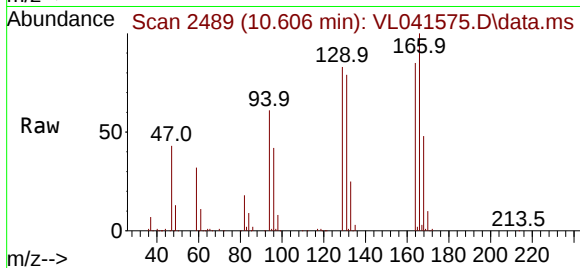
Tgt Ion: 43 Resp: 69821
Ion Ratio Lower Upper
43 100
72 26.0 17.3 25.9#





#52
Tetrachloroethene
Concen: 2.757 ppbv
RT: 10.606 min Scan# 2491
Delta R.T. -0.010 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

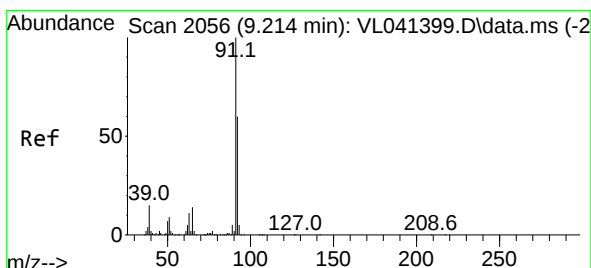
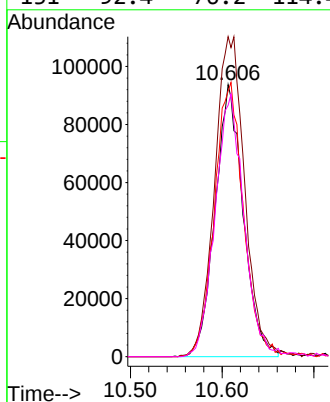
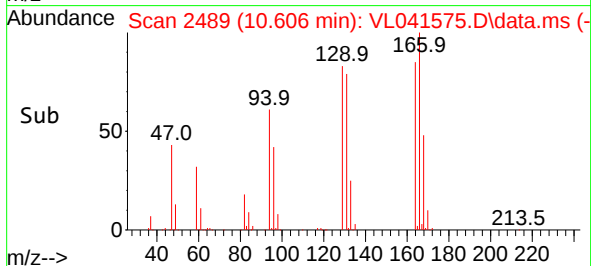
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:164 Resp: 199400
Ion Ratio Lower Upper
164 100
166 117.6 101.1 151.7
129 97.7 81.7 122.5
131 92.4 76.2 114.4

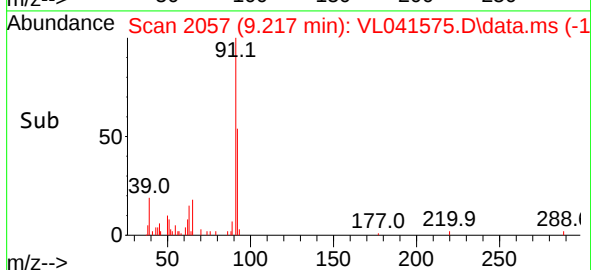
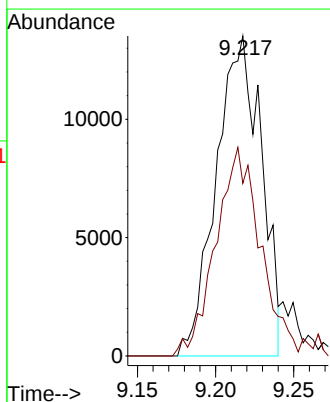
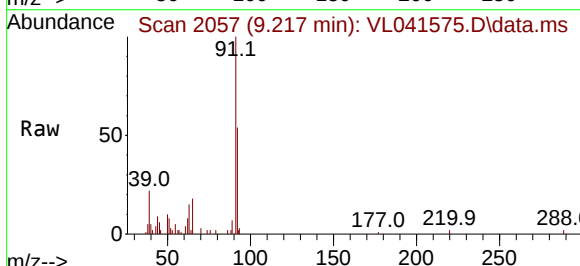
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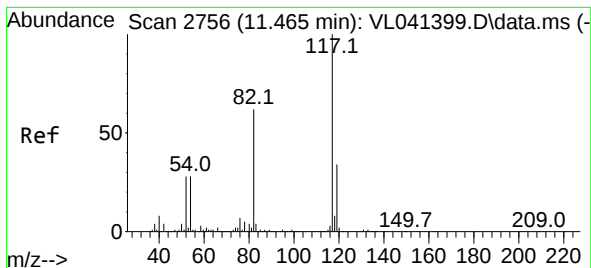
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#53
Toluene
Concen: 0.130 ppbv m
RT: 9.217 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

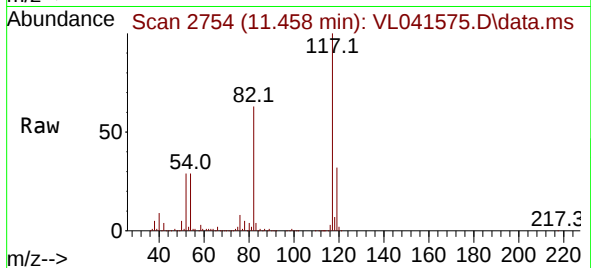
Tgt Ion: 91 Resp: 27103
Ion Ratio Lower Upper
91 100
92 67.3 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

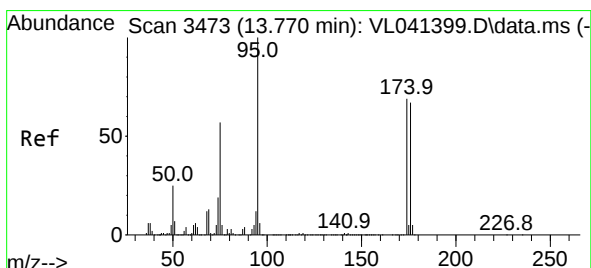
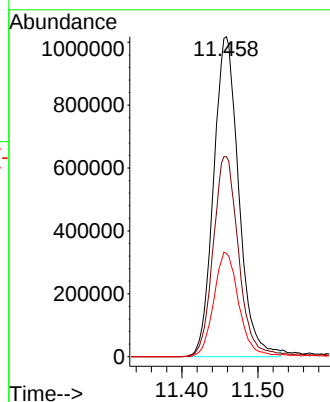
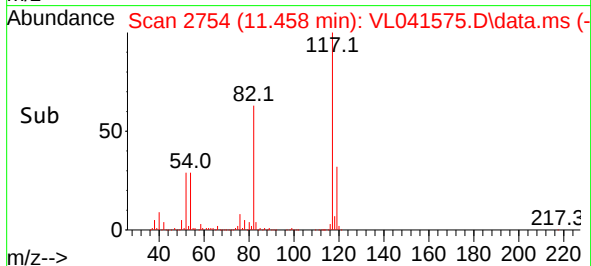
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:117 Resp: 2337718
Ion Ratio Lower Upper
117 100
82 64.0 51.0 76.6
119 32.8 45.2 67.8

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.969 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.010 min
Lab File: VL041575.D
Acq: 21 Aug 2024 20:24

Tgt Ion: 95 Resp: 1793518
Ion Ratio Lower Upper
95 100
174 71.2 56.3 84.5
175 5.0 4.0 6.0

