

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041287.D
 Acq On : 24 May 2024 12:22
 Operator : SY/MD
 Sample : P2599-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/28/2024
 Supervised By : Mahesh Dadoda 05/28/2024

Quant Time: May 24 23:20:24 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 24 23:11:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1021934	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2690644	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2451037	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1924249	10.399	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%
Target Compounds						Qvalue
9) Propene	2.722	41	38112	0.627	ppbv	99
11) Trichlorofluoromethane	3.584	101	621973	4.427	ppbv	100
13) Ethanol	3.279	45	9336m	0.686	ppbv	
15) Acetone	3.497	43	363027	3.010	ppbv #	89
20) Methylene Chloride	3.951	84	51698	1.233	ppbv	98
25) Ethyl Acetate	5.227	43	77219	0.321	ppbv #	77
26) Hexane	5.224	57	102371m	0.953	ppbv	
27) Carbon Disulfide	4.147	76	23077	0.181	ppbv #	68
34) 2-Butanone	4.812	43	379057	2.768	ppbv	98
51) 2-Hexanone	9.590	43	32485m	0.178	ppbv	
52) Tetrachloroethene	10.622	164	57429	0.724	ppbv	87
53) Toluene	9.227	91	47073	0.180	ppbv	100
74) 1,2,4-Trimethylbenzene	16.114	105	44204m	0.149	ppbv	

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

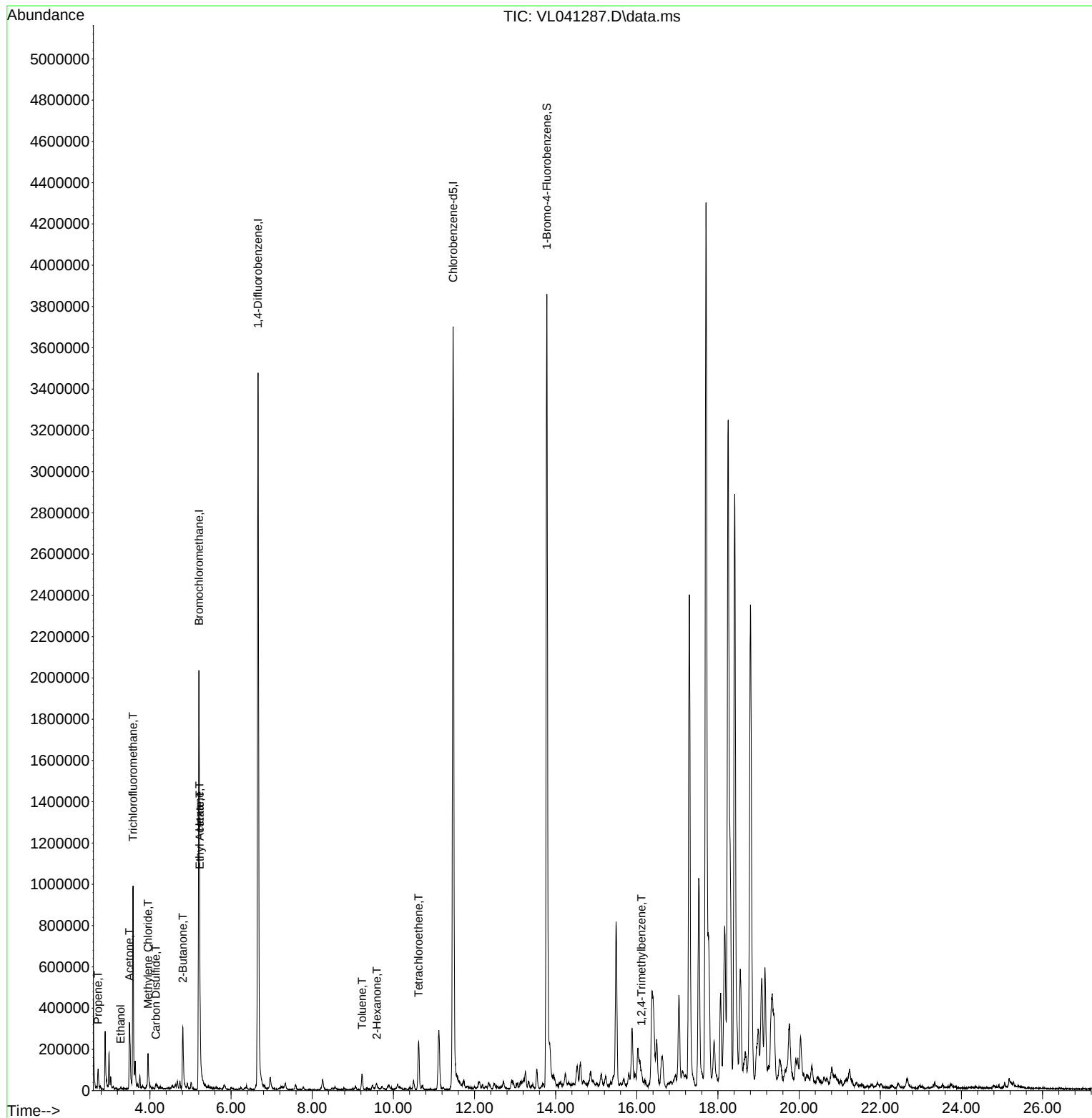
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
Data File : VL041287.D
Acq On : 24 May 2024 12:22
Operator : SY/MD
Sample : P2599-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

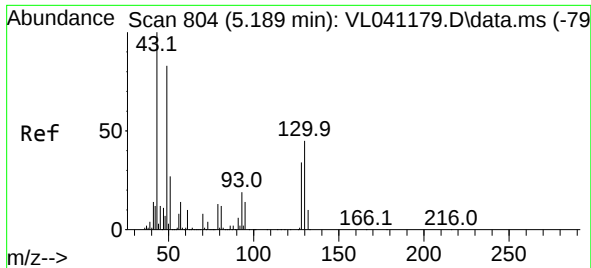
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

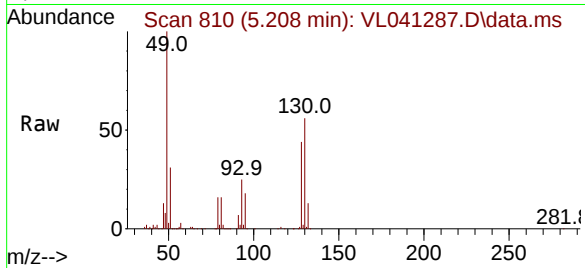
Quant Time: May 24 23:20:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 24 23:11:50 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

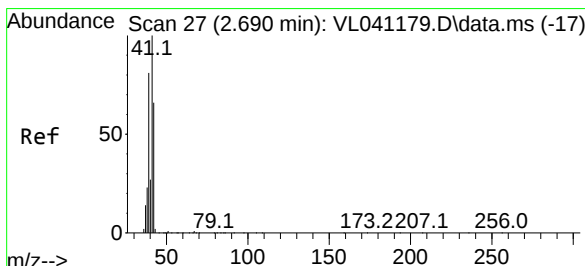
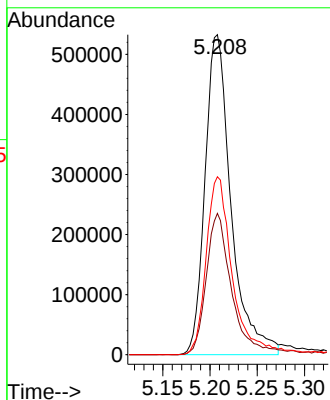
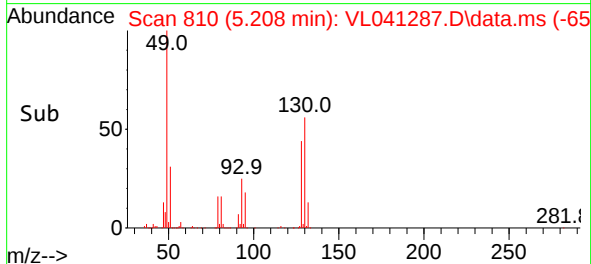
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 1021934
Ion Ratio Lower Upper
49 100
128 45.0 21.5 64.5
130 57.6 27.2 81.6

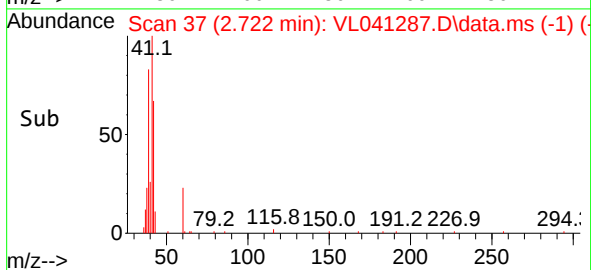
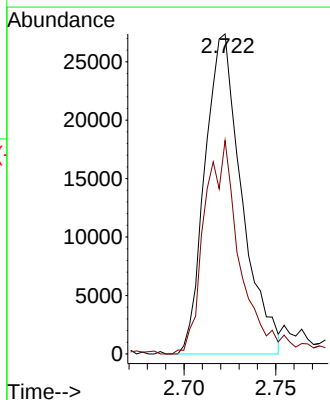
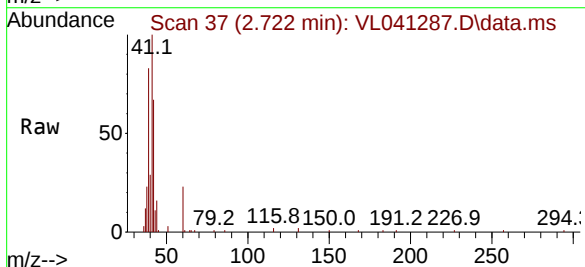
Manual Integrations
APPROVED

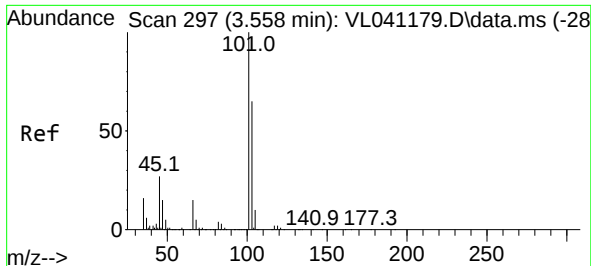
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#9
Propene
Concen: 0.627 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.003 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

Tgt Ion: 41 Resp: 38112
Ion Ratio Lower Upper
41 100
42 68.0 55.3 82.9





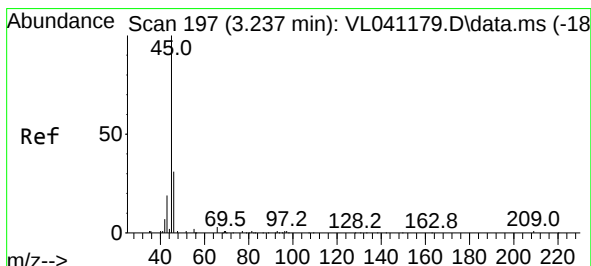
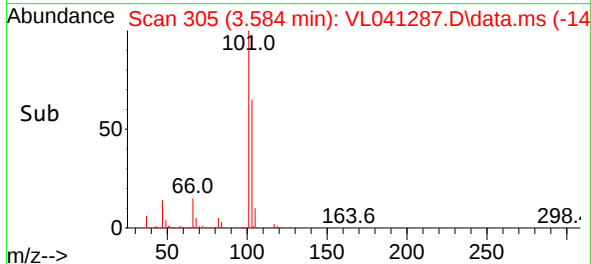
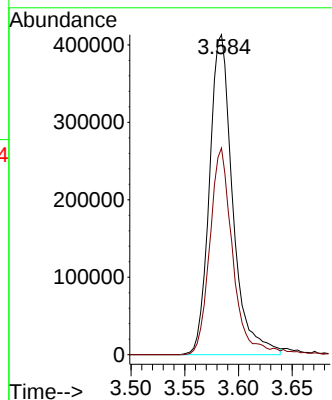
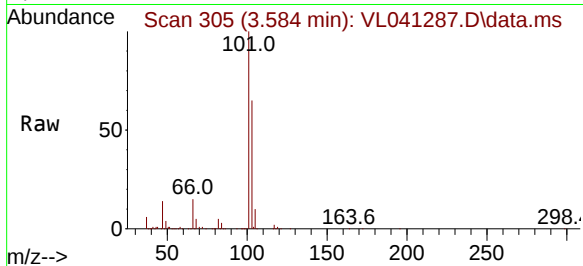
#11
Trichlorofluoromethane
Concen: 4.427 ppbv
RT: 3.584 min Scan# 305
Delta R.T. -0.000 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:101 Resp: 62197
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

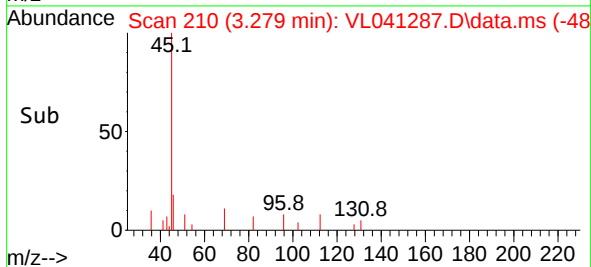
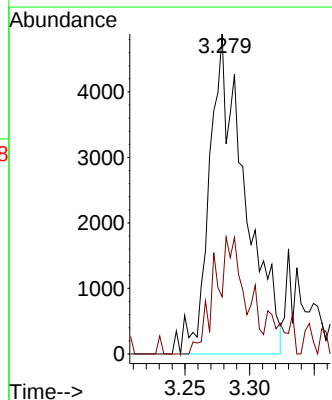
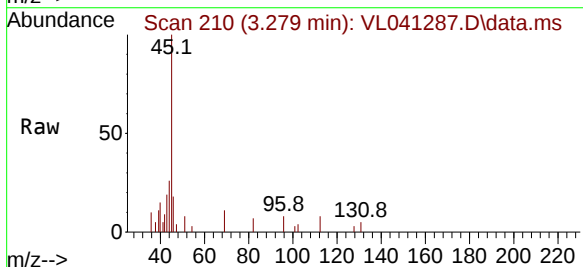
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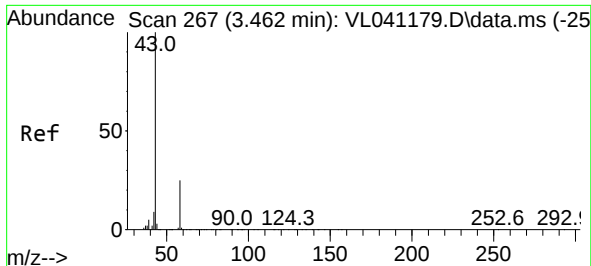
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#13
Ethanol
Concen: 0.686 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.019 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

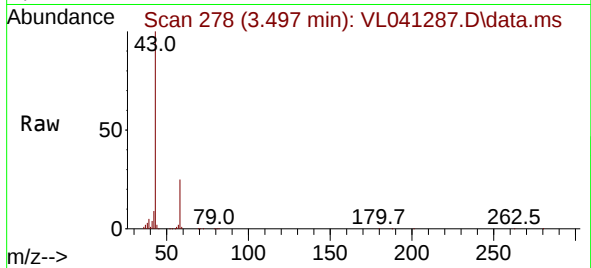
Tgt Ion: 45 Resp: 9336
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0#





#15
Acetone
Concen: 3.010 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

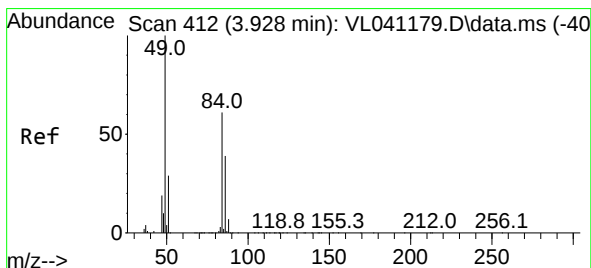
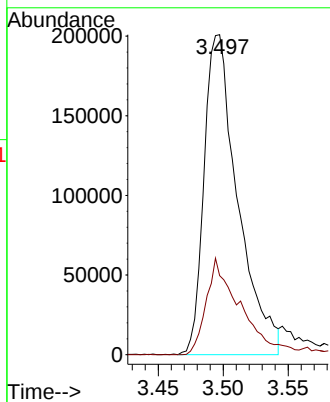
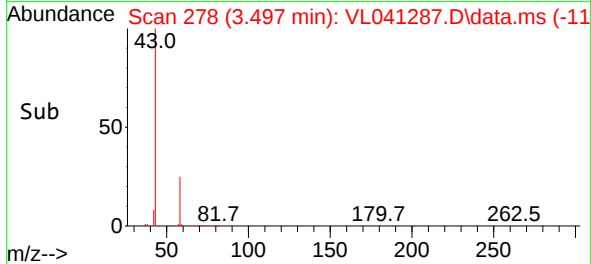
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 36302
Ion Ratio Lower Upper
43 100
58 32.2 21.4 32.0

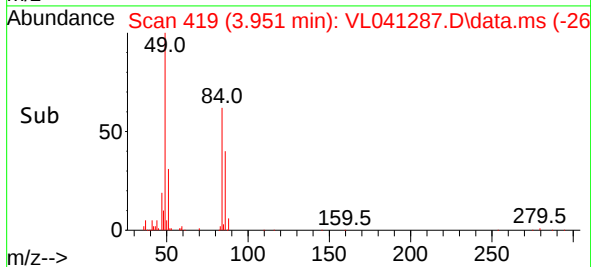
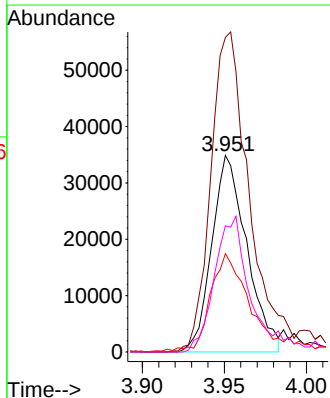
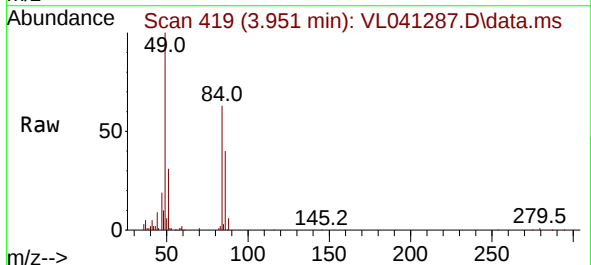
Manual Integrations
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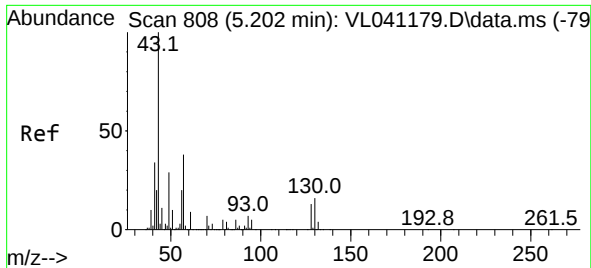
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#20
Methylene Chloride
Concen: 1.233 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.000 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

Tgt Ion: 84 Resp: 51698
Ion Ratio Lower Upper
84 100
49 159.5 130.4 195.6
51 47.9 38.0 57.0
86 64.1 50.3 75.5





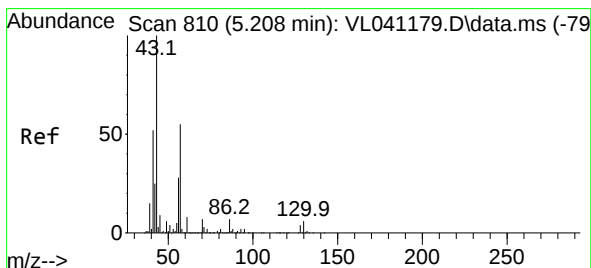
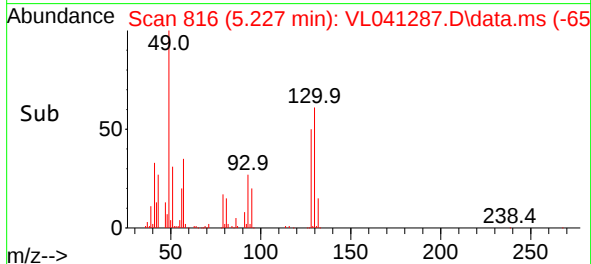
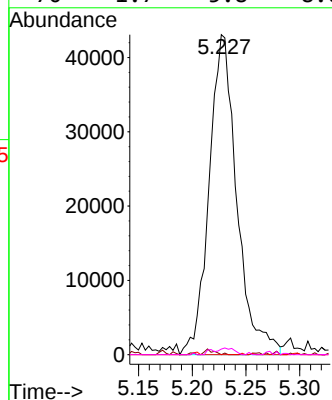
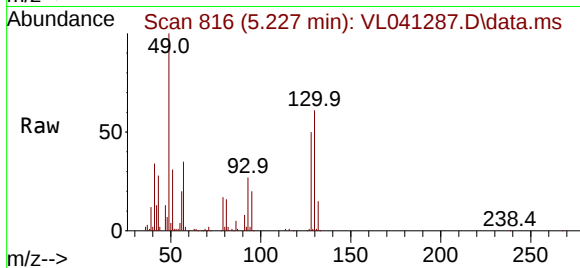
#25
Ethyl Acetate
Concen: 0.321 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 77219
Ion Ratio Lower Upper
43 100
45 0.6 8.2 12.2
61 0.0 7.7 11.5
70 1.7 5.8 8.6#

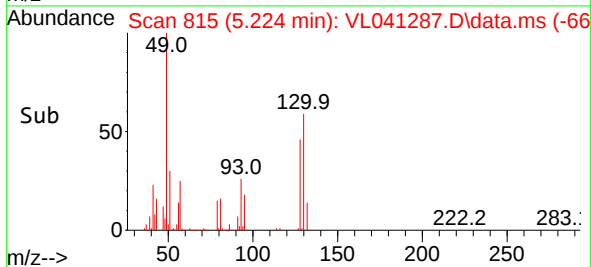
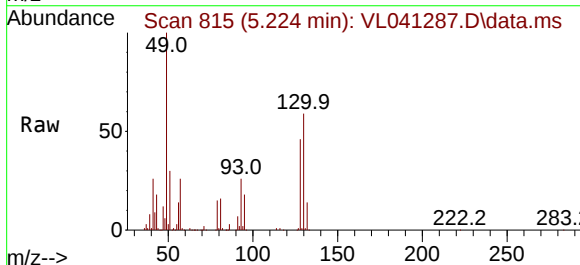
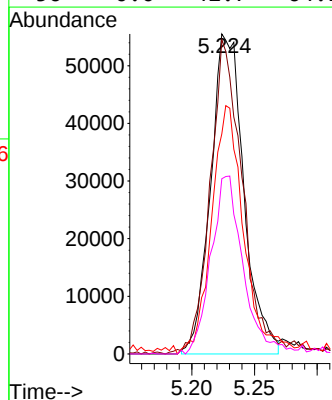
Manual Integrations
APPROVED

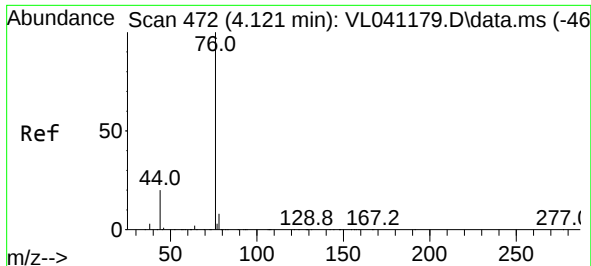
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#26
Hexane
Concen: 0.953 ppbv m
RT: 5.224 min Scan# 815
Delta R.T. -0.003 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

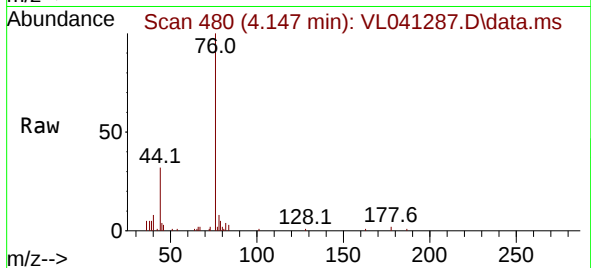
Tgt Ion: 57 Resp: 102371
Ion Ratio Lower Upper
57 100
41 97.0 75.8 113.8
43 74.3 187.0 280.4#
56 0.0 42.7 64.1#





#27
Carbon Disulfide
Concen: 0.181 ppbv
RT: 4.147 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

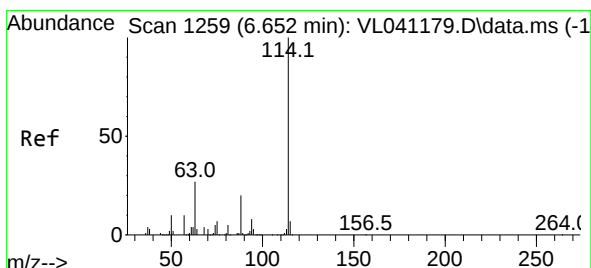
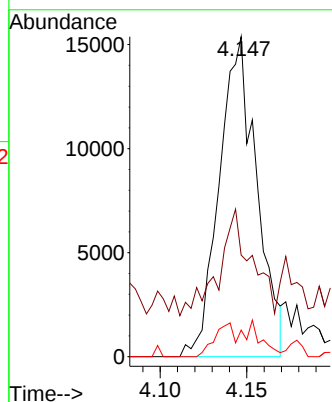
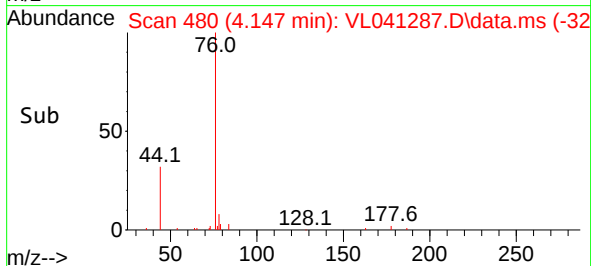
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



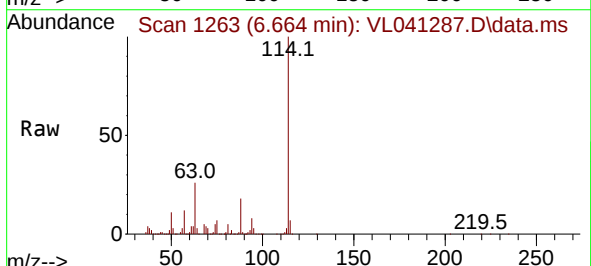
Tgt Ion: 76 Resp: 2307
Ion Ratio Lower Upper
76 100
44 39.5 16.3 24.5
78 13.0 7.3 10.9

Manual Integrations
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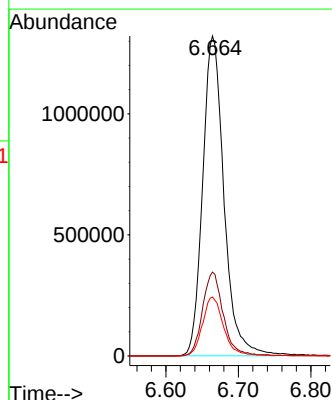
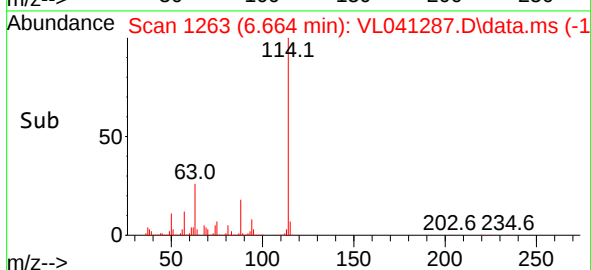
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

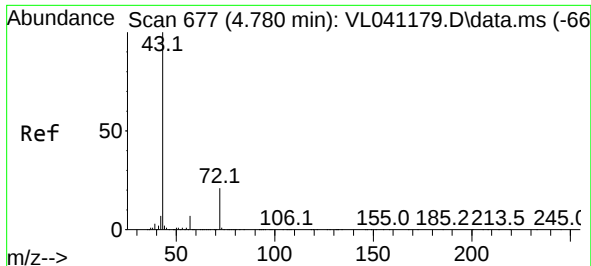


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22



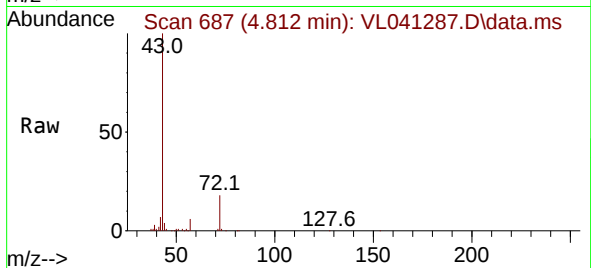
Tgt Ion:114 Resp: 2690644
Ion Ratio Lower Upper
114 100
63 25.8 21.8 32.6
88 18.4 15.2 22.8





#34
2-Butanone
Concen: 2.768 ppbv
RT: 4.812 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

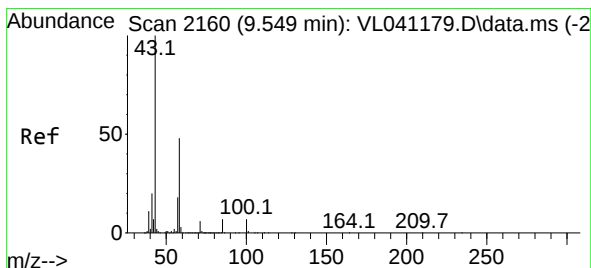
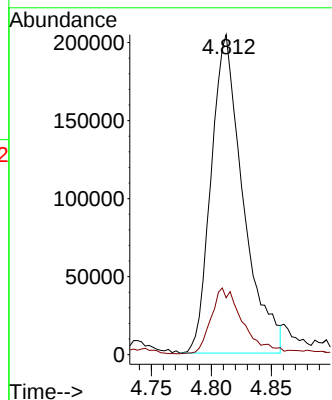
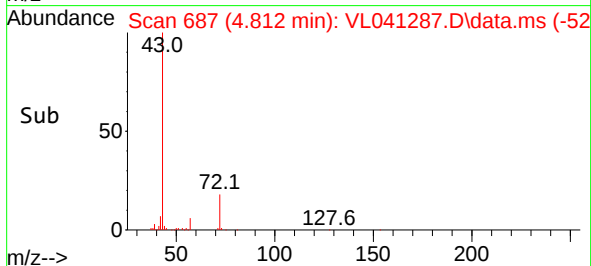
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 37905
Ion Ratio Lower Upper
43 100
72 22.5 17.3 25.9

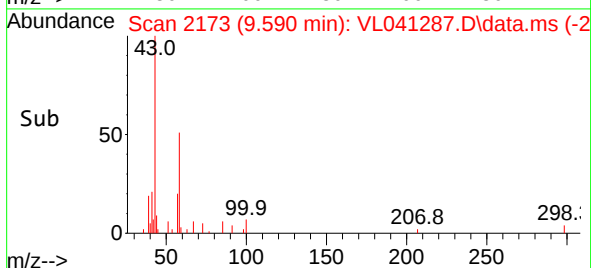
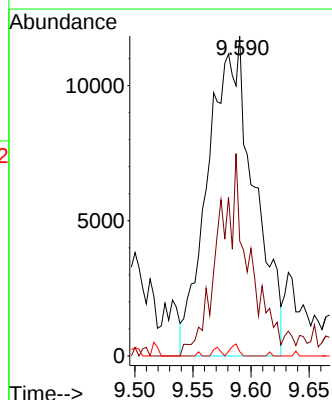
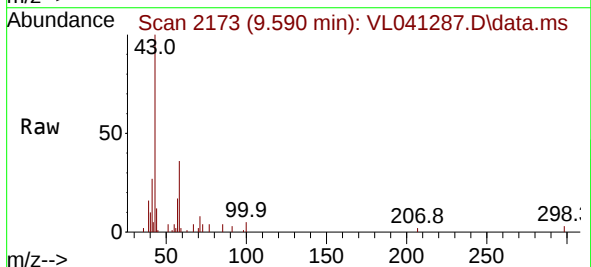
Manual Integrations
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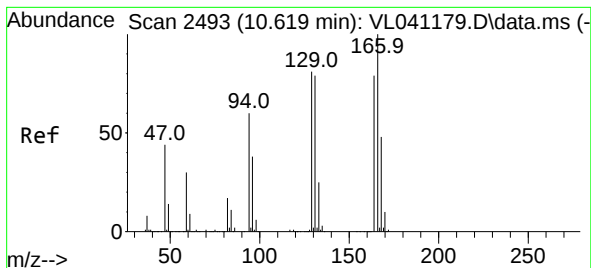
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#51
2-Hexanone
Concen: 0.178 ppbv m
RT: 9.590 min Scan# 2173
Delta R.T. 0.032 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

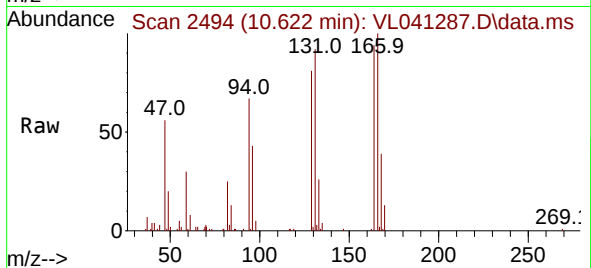
Tgt Ion: 43 Resp: 32485
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.0 0.0





#52
Tetrachloroethene
Concen: 0.724 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.000 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

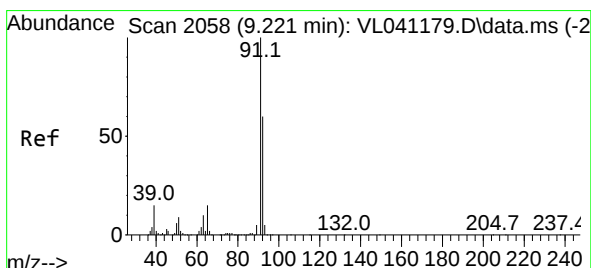
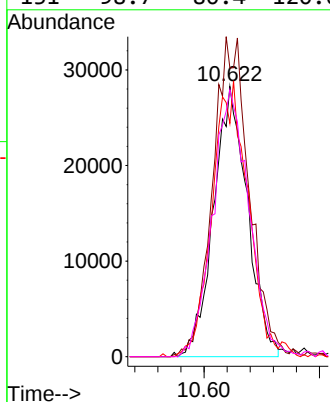
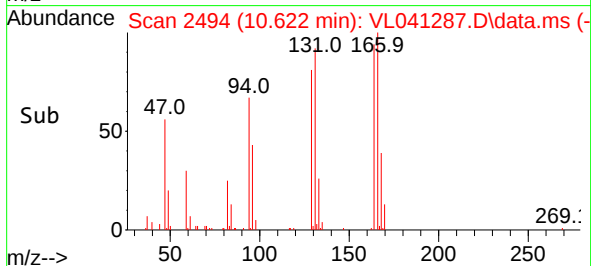
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:164 Resp: 57429
Ion Ratio Lower Upper
164 100
166 105.8 101.1 151.7
129 85.2 81.7 122.5
131 98.7 80.4 120.6

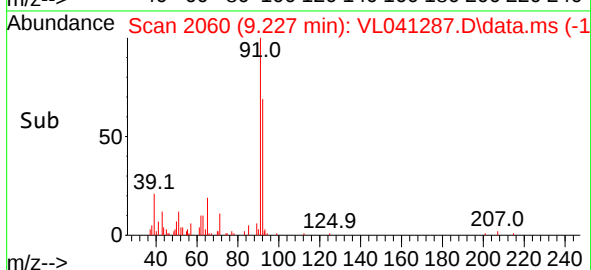
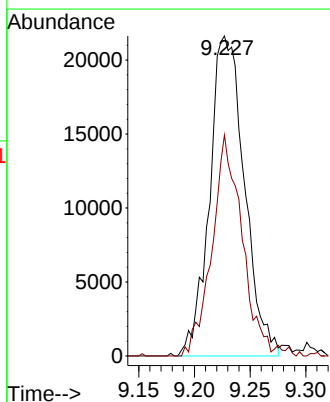
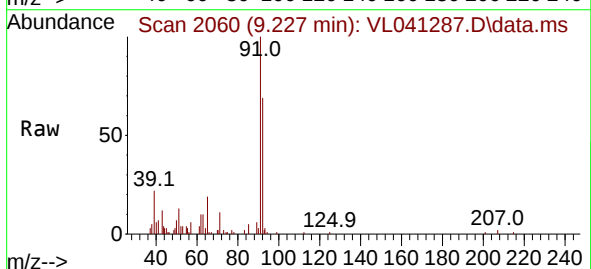
Manual Integrations
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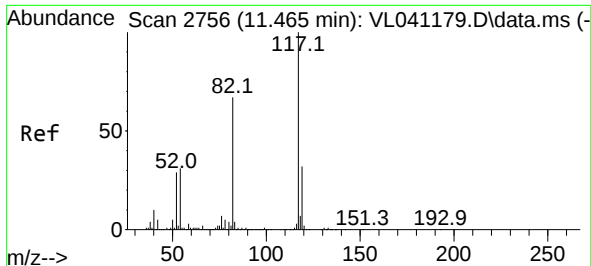
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#53
Toluene
Concen: 0.180 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

Tgt Ion: 91 Resp: 47073
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.4





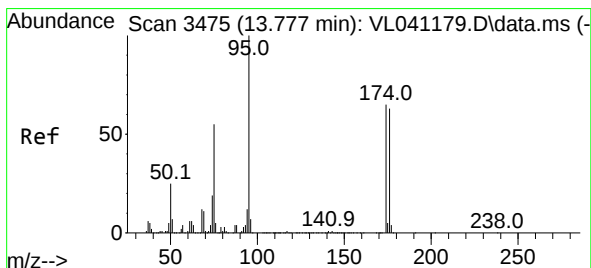
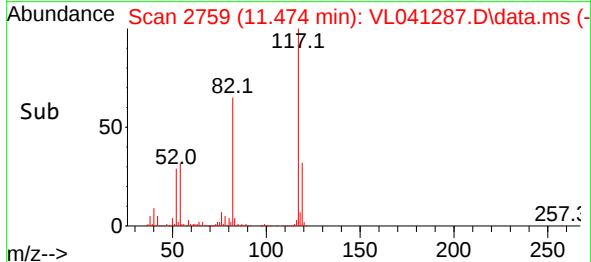
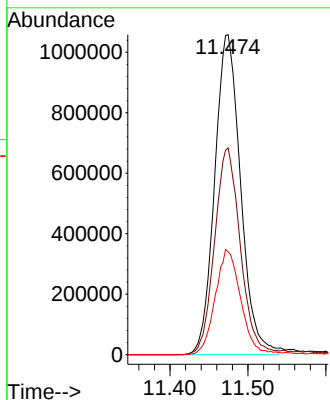
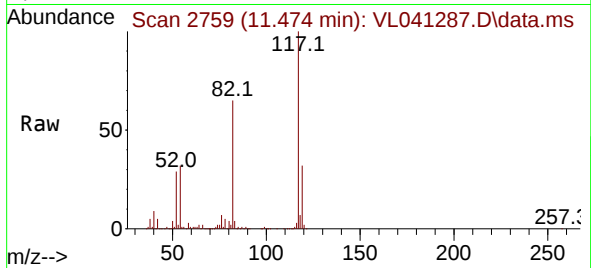
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 245103
Ion Ratio Lower Upper
117 100
82 66.4 53.6 80.4
119 32.6 27.2 40.8

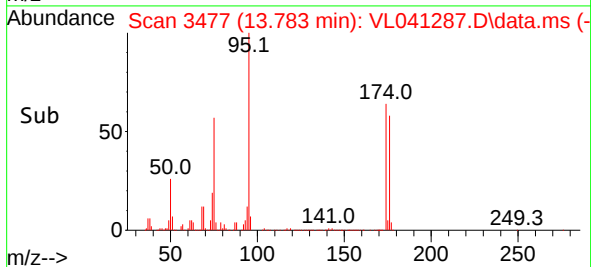
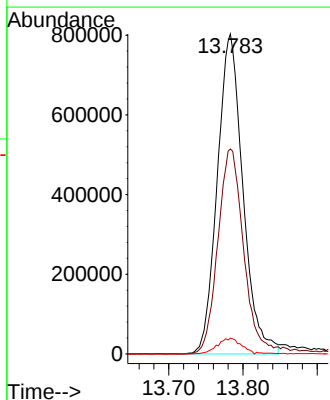
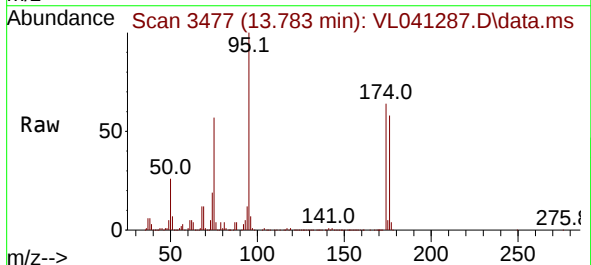
Manual Integrations
APPROVED

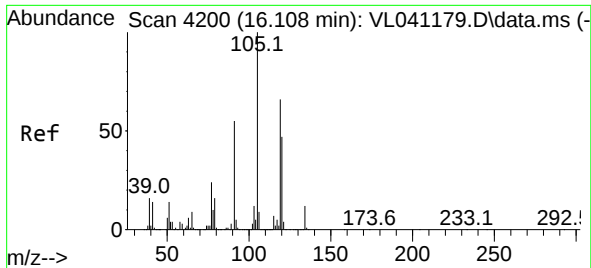
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.399 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.003 min
Lab File: VL041287.D
Acq: 24 May 2024 12:22

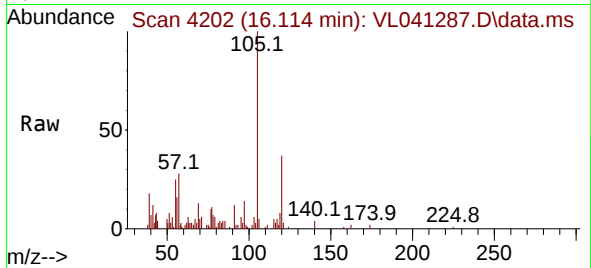
Tgt Ion: 95 Resp: 1924249
Ion Ratio Lower Upper
95 100
174 67.3 53.6 80.4
175 5.0 4.2 6.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.149 ppbv m
 RT: 16.114 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041287.D
 Acq: 24 May 2024 12:22

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion:	105	Resp:	44204
Ion	Ratio	Lower	Upper
105	100		
120	37.4	37.8	56.6
91	12.3	44.3	66.5
77	10.7	19.0	28.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

