

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
 Data File : VL041045.D
 Acq On : 7 Feb 2024 17:58
 Operator : SY/MD
 Sample : P1393-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 02:46:25 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Thu Feb 08 02:04:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1212729	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3070048	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2741360	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2101918	10.151	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	35848	0.536	ppbv	91
13) Ethanol	3.237	45	15418m	0.967	ppbv	
15) Acetone	3.465	43	53379	0.344	ppbv #	78
20) Methylene Chloride	3.915	84	64732	1.085	ppbv	97
25) Ethyl Acetate	5.195	43	37217	0.132	ppbv #	79
26) Hexane	5.195	57	49415m	0.412	ppbv	
34) 2-Butanone	4.796	43	15781m	0.108	ppbv	

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

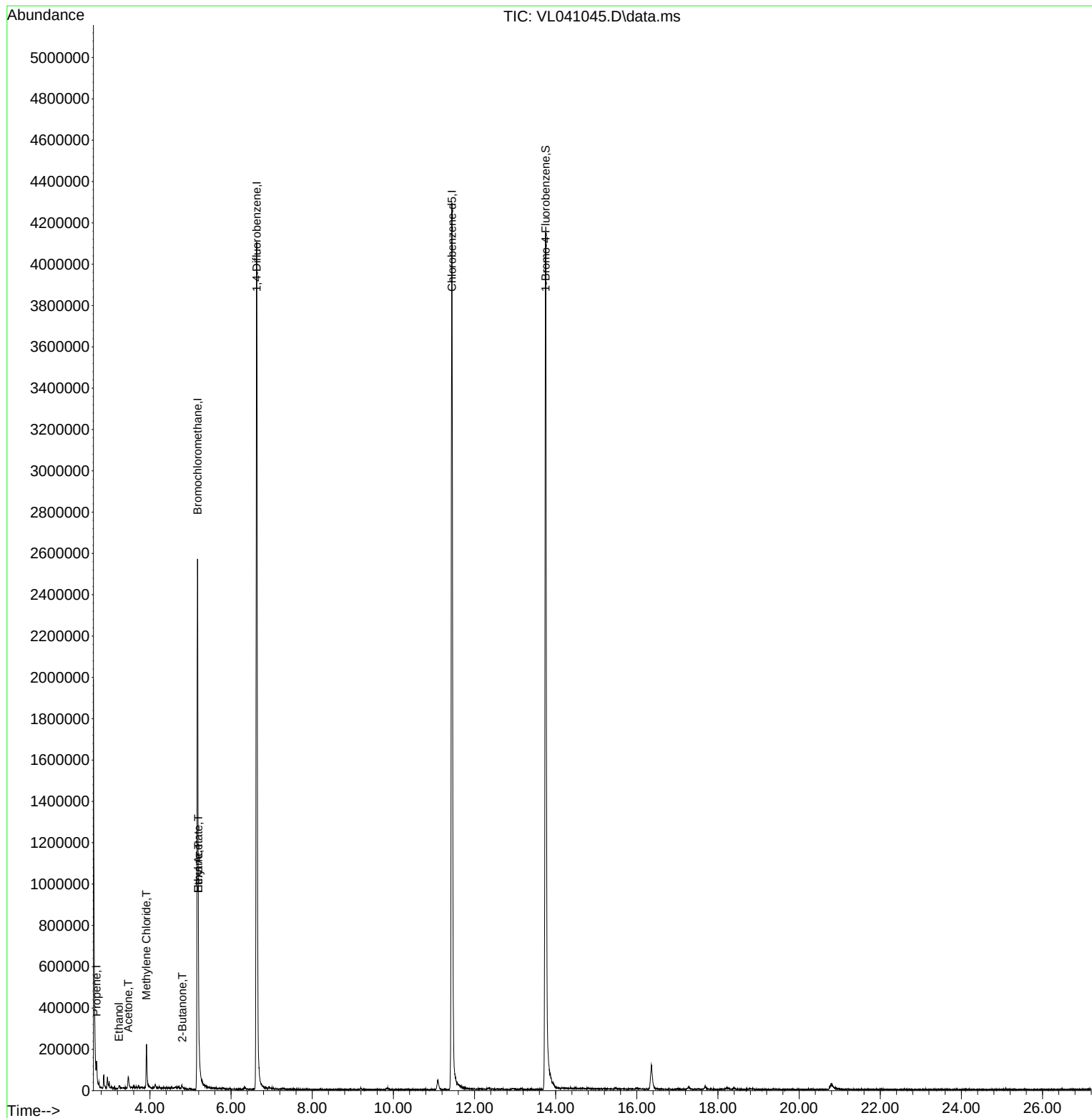
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
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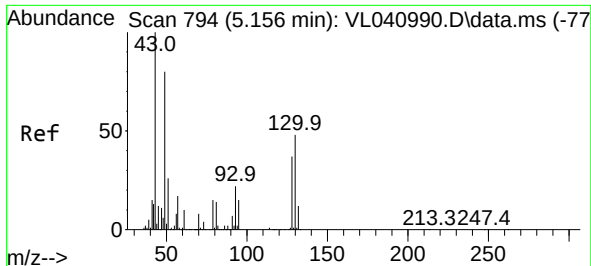
Instrument :
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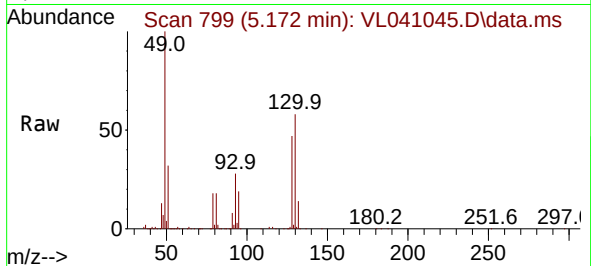
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 794
Delta R.T. 0.006 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

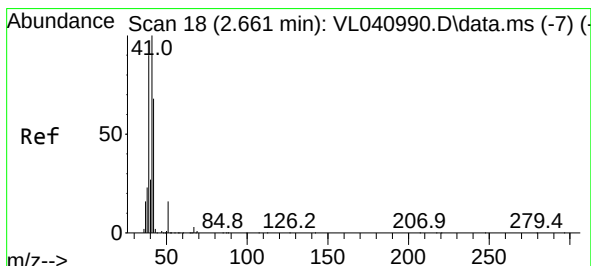
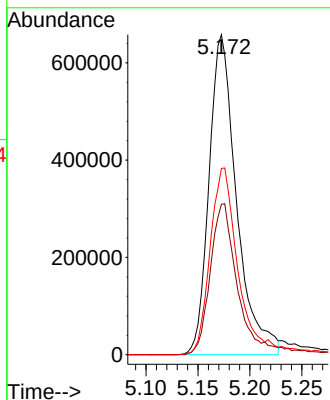
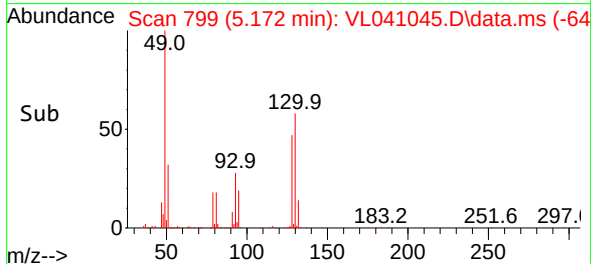
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



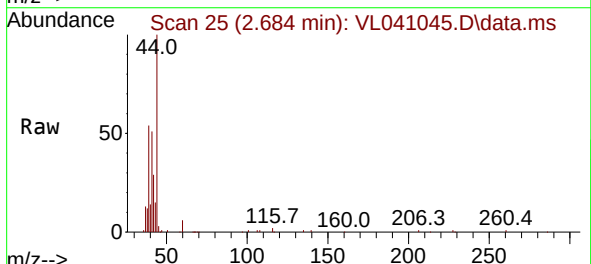
Tgt Ion: 49 Resp: 1212729
Ion Ratio Lower Upper
49 100
128 48.8 23.9 71.7
130 61.7 31.1 93.5

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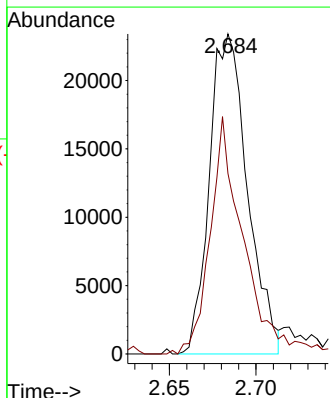
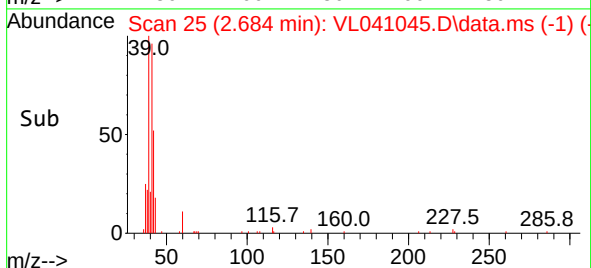
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Supervised By :Mahesh Dadoda 02/08/2024

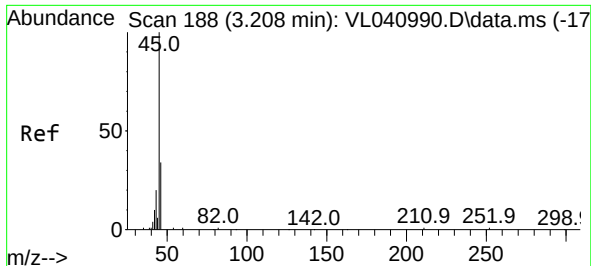


#9
Propene
Concen: 0.536 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.016 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58



Tgt Ion: 41 Resp: 35848
Ion Ratio Lower Upper
41 100
42 66.0 59.0 88.4





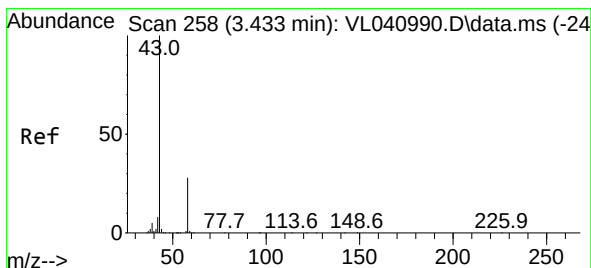
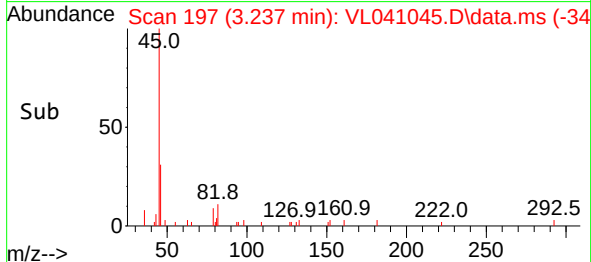
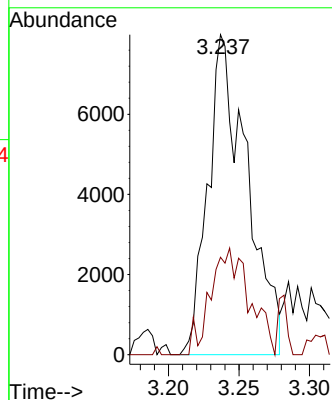
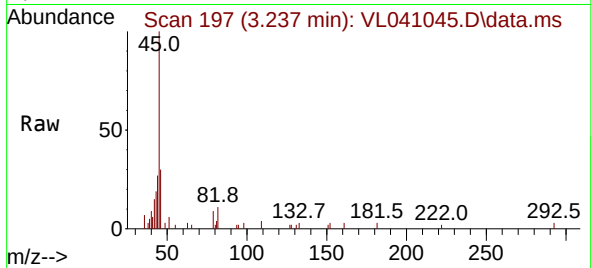
#13
Ethanol
Concen: 0.967 ppbv m
RT: 3.237 min Scan# 197
Delta R.T. 0.023 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 45 Resp: 15418
Ion Ratio Lower Upper
45 100
46 0.0 16.2 64.8

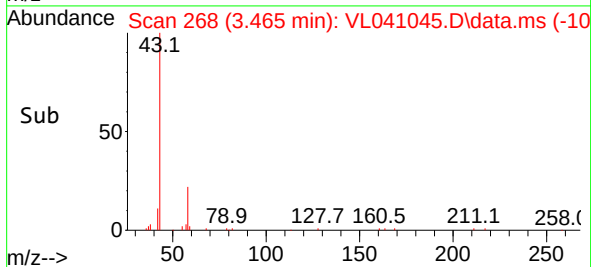
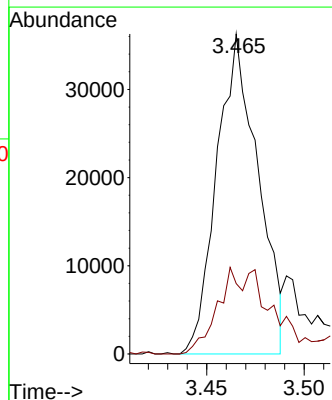
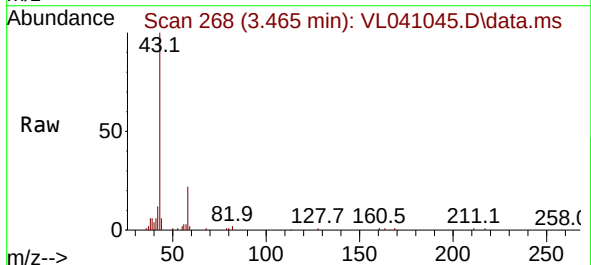
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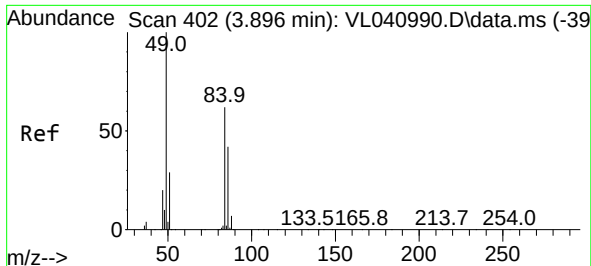
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#15
Acetone
Concen: 0.344 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.026 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

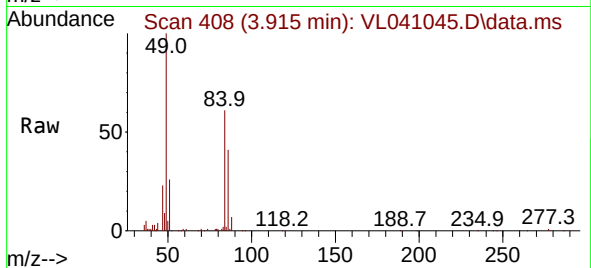
Tgt Ion: 43 Resp: 53379
Ion Ratio Lower Upper
43 100
58 39.4 22.2 33.2





#20
Methylene Chloride
Concen: 1.085 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.010 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

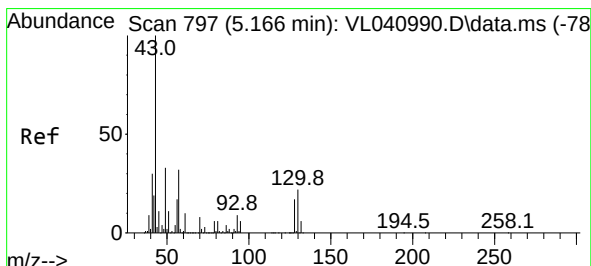
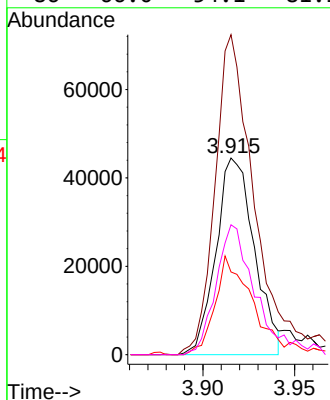
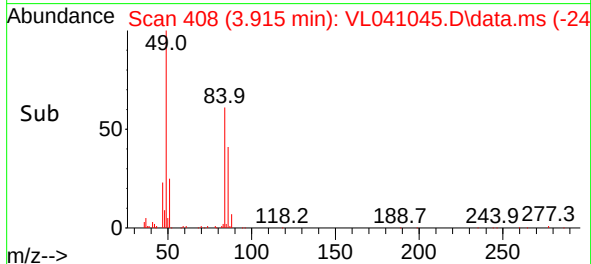
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion:	84	Resp:	6473
Ion	Ratio	Lower	Upper
84	100		
49	162.7	128.1	192.1
51	42.0	36.5	54.7
86	66.0	54.1	81.1

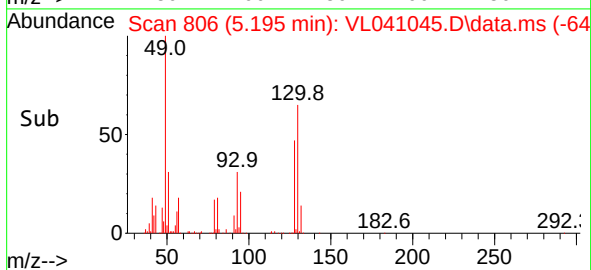
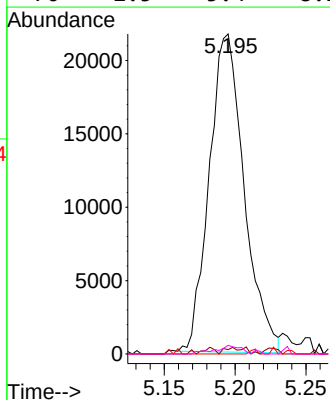
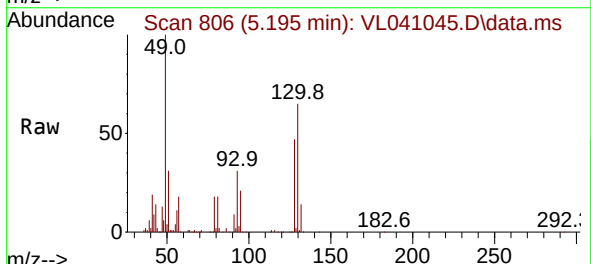
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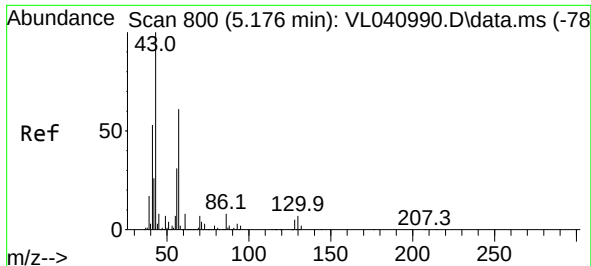
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#25
Ethyl Acetate
Concen: 0.132 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.016 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

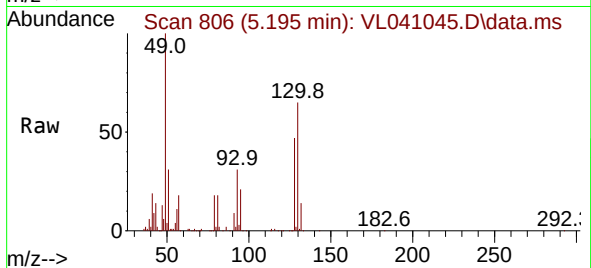
Tgt Ion:	43	Resp:	37217
Ion	Ratio	Lower	Upper
43	100		
45	2.6	8.2	12.4#
61	0.0	7.9	11.9#
70	2.5	5.4	8.2#





#26
Hexane
Concen: 0.412 ppbv m
RT: 5.195 min Scan# 806
Delta R.T. 0.010 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

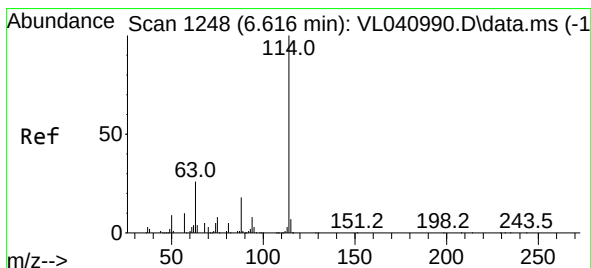
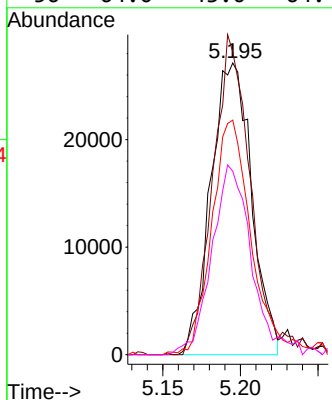
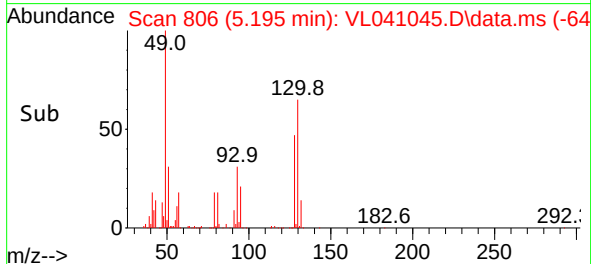
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion: 57 Resp: 49415
Ion Ratio Lower Upper
57 100
41 104.8 74.4 111.6
43 82.0 190.6 285.8
56 64.0 43.0 64.4

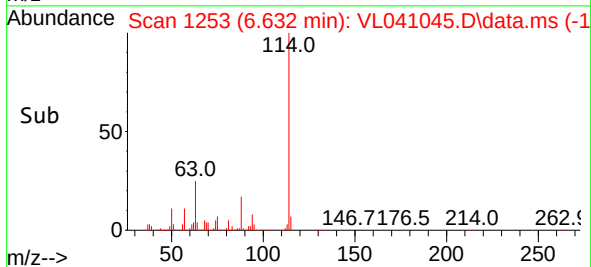
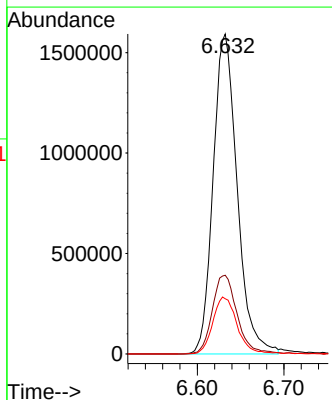
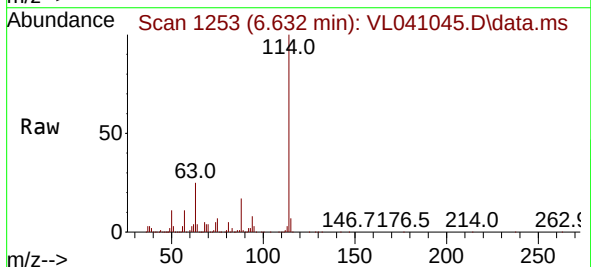
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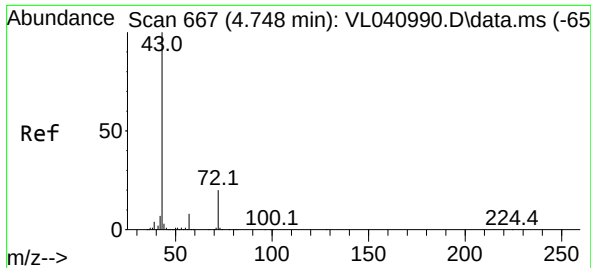
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.007 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Tgt Ion:114 Resp: 3070048
Ion Ratio Lower Upper
114 100
63 25.8 20.8 31.2
88 18.2 14.3 21.5





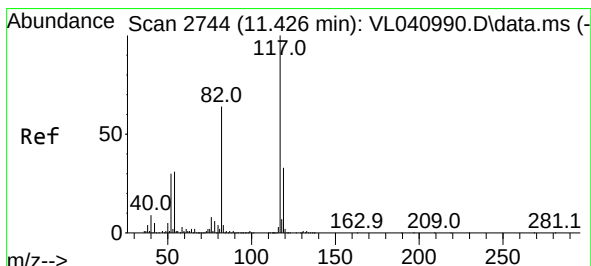
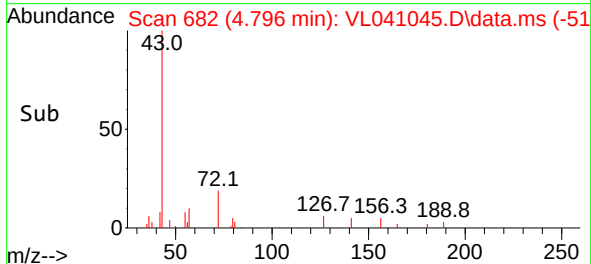
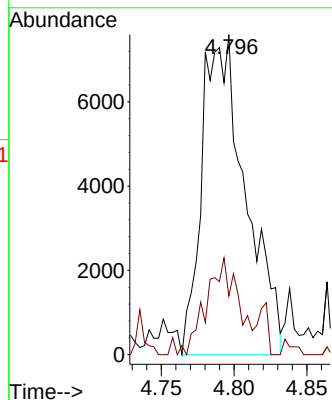
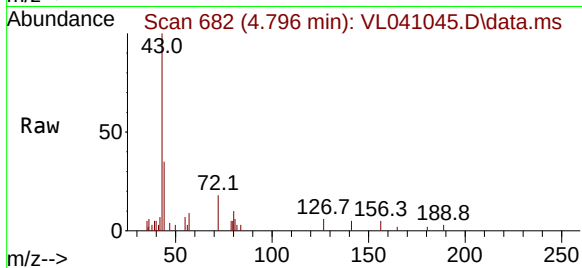
#34
2-Butanone
Concen: 0.108 ppbv m
RT: 4.796 min Scan# 61
Delta R.T. 0.039 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
72 0.0 17.5 26.3

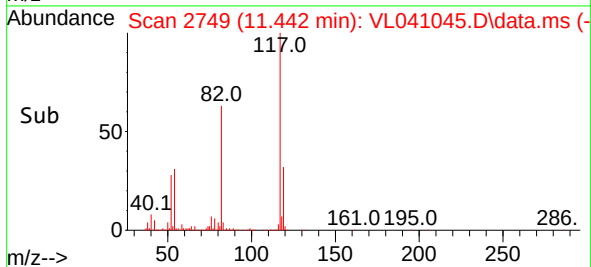
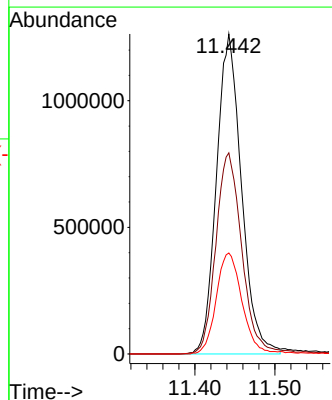
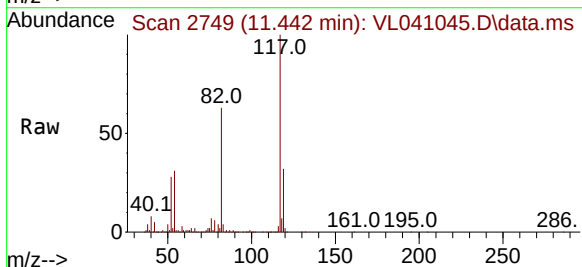
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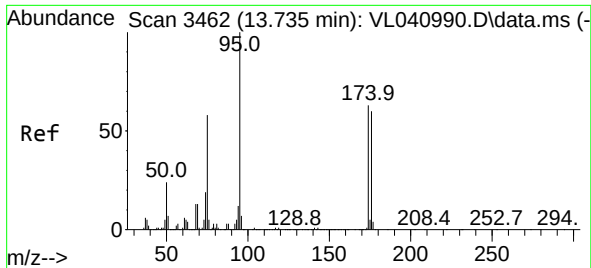
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. 0.003 min
Lab File: VL041045.D
Acq: 7 Feb 2024 17:58

Tgt Ion:117 Resp: 2741360
Ion Ratio Lower Upper
117 100
82 66.1 51.7 77.5
119 33.1 23.8 35.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.151 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.003 min
 Lab File: VL041045.D
 Acq: 7 Feb 2024 17:58

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Tgt Ion: 95 Resp: 2101918
 Ion Ratio Lower Upper
 95 100
 174 62.4 49.1 73.7
 175 4.6 3.7 5.5

Manual Integrations
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