

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040325.D
 Acq On : 10 Apr 2023 15:09
 Operator : SY/MD
 Sample : 02229-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:07:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	976596	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.626	114	2477399	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.439	117	2232817	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1833617	9.806	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						Qvalue
9) Propene	2.665	41	40863	0.869	ppbv	88
13) Ethanol	3.224	45	26586m	7.705	ppbv	
15) Acetone	3.439	43	985688	8.290	ppbv	99
20) Methylene Chloride	3.902	84	92787	1.855	ppbv	96
26) Hexane	5.185	57	57266	0.627	ppbv #	38
34) 2-Butanone	4.764	43	216952	1.774	ppbv	99
41) Tetrahydrofuran	5.549	42	86155m	1.221	ppbv	
52) Tetrachloroethene	10.590	164	106882	1.871	ppbv	97

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

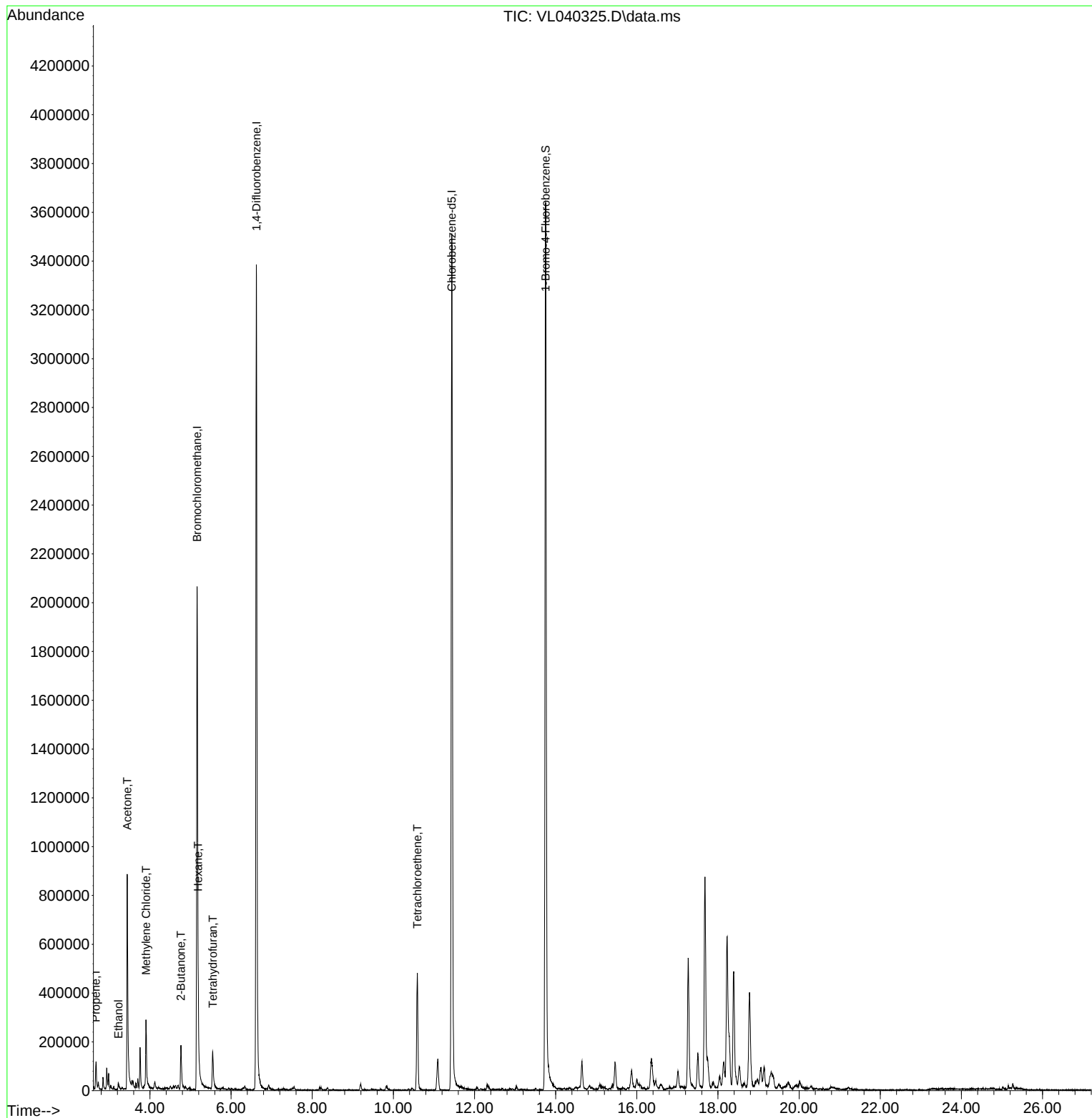
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
Data File : VL040325.D
Acq On : 10 Apr 2023 15:09
Operator : SY/MD
Sample : 02229-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

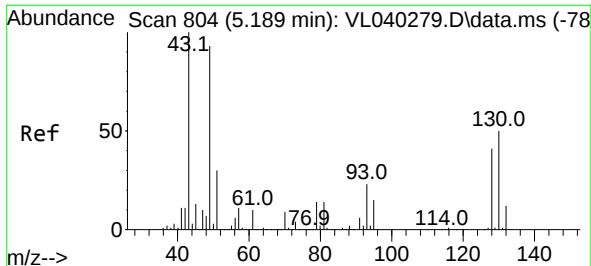
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Quant Time: Apr 11 02:07:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

Manual Integrations
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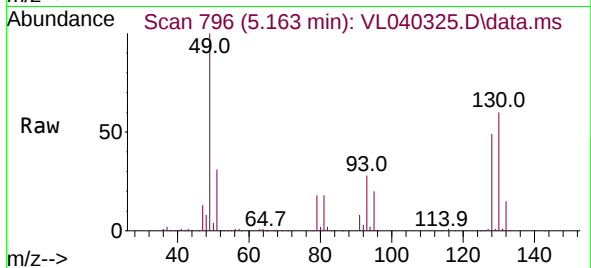
Reviewed By : Semsettin Yesilyurt 04/11/2023
Supervised By : Mahesh Dadoda 04/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. -0.026 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09

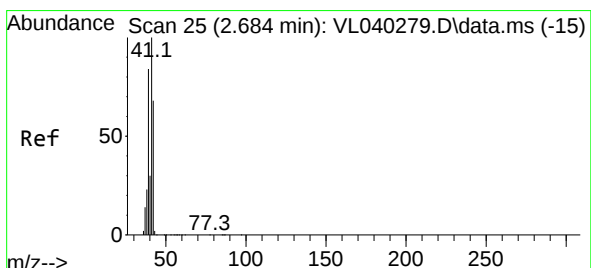
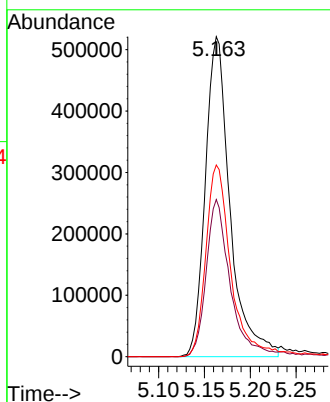
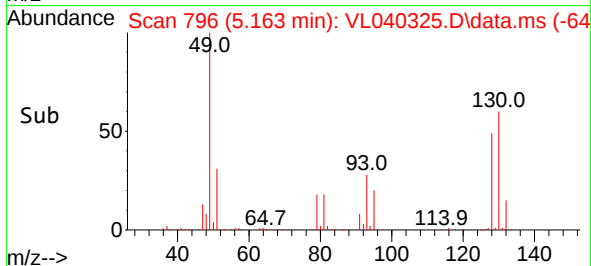
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 49 Resp: 976590
Ion Ratio Lower Upper
49 100
128 49.4 22.4 67.3
130 62.3 28.7 86.1

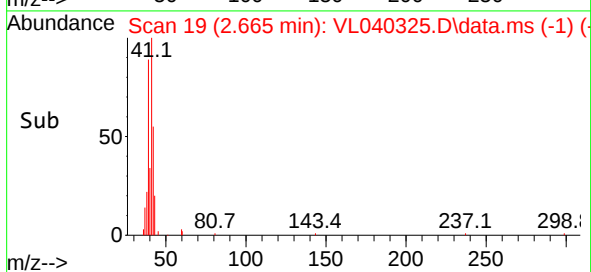
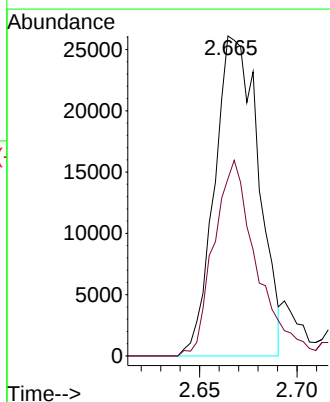
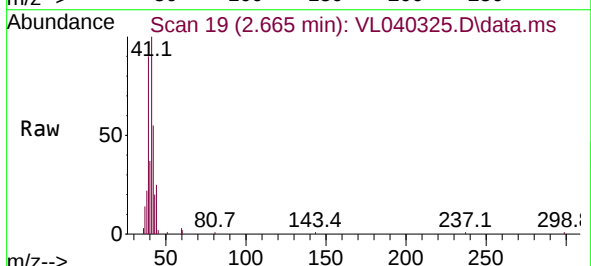
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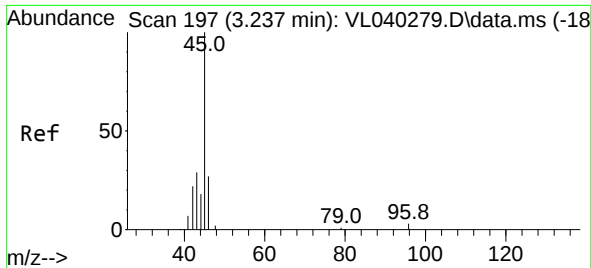
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#9
Propene
Concen: 0.869 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.019 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09

Tgt Ion: 41 Resp: 40863
Ion Ratio Lower Upper
41 100
42 64.0 59.0 88.4





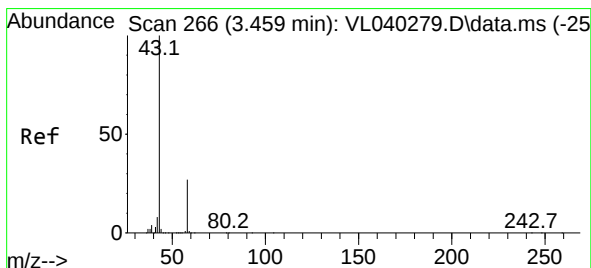
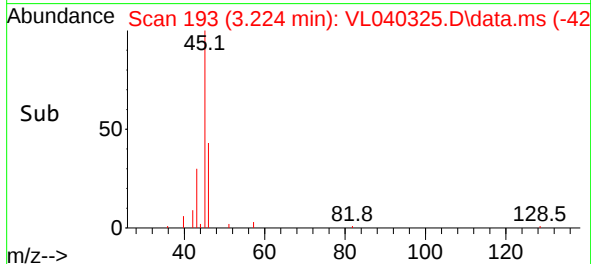
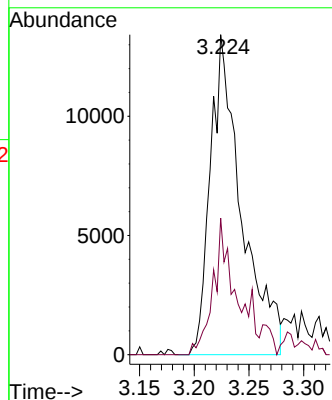
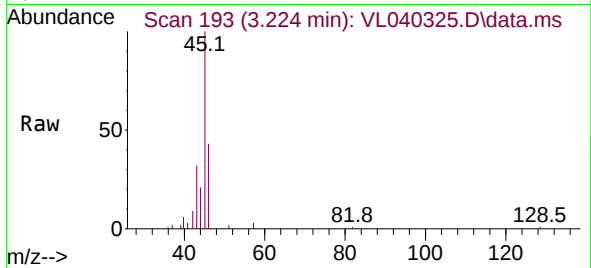
#13
Ethanol
Concen: 7.705 ppbv m
RT: 3.224 min Scan# 197
Delta R.T. -0.013 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 45 Resp: 26580
Ion Ratio Lower Upper
45 100
46 39.5 15.0 60.2

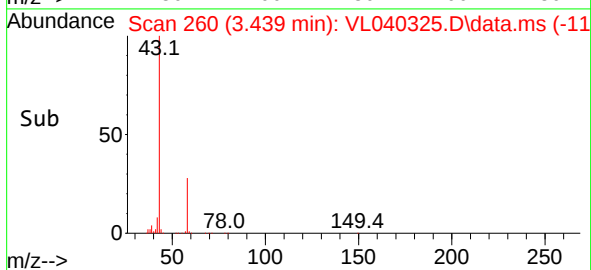
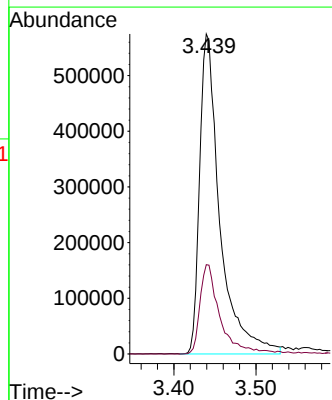
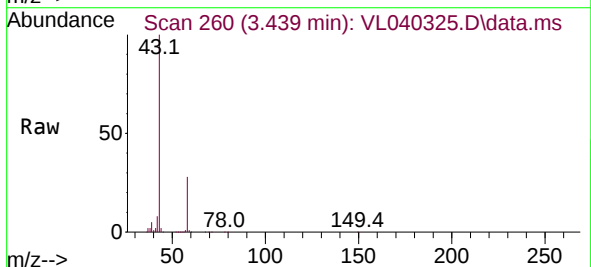
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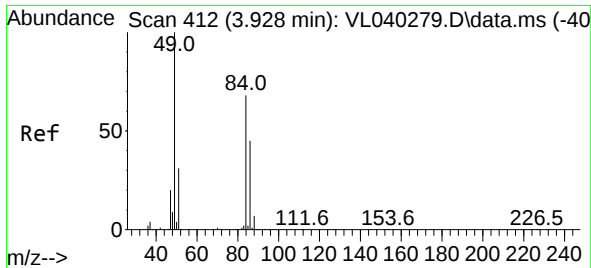
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#15
Acetone
Concen: 8.290 ppbv
RT: 3.439 min Scan# 260
Delta R.T. -0.020 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09

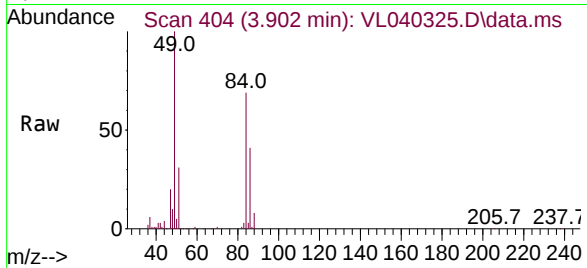
Tgt Ion: 43 Resp: 985688
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.8





#20
Methylene Chloride
Concen: 1.855 ppbv
RT: 3.902 min Scan# 404
Delta R.T. -0.026 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09

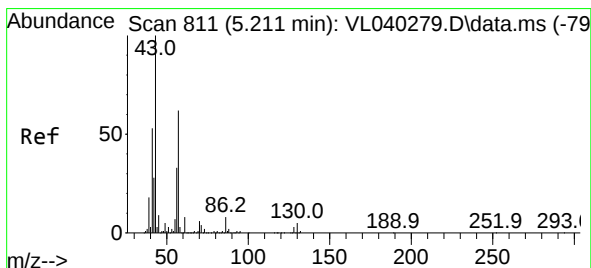
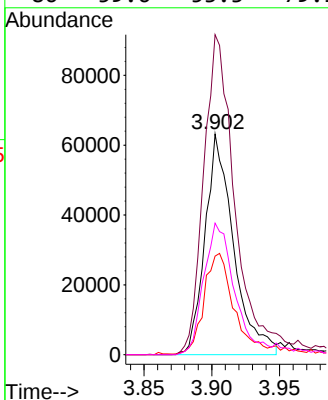
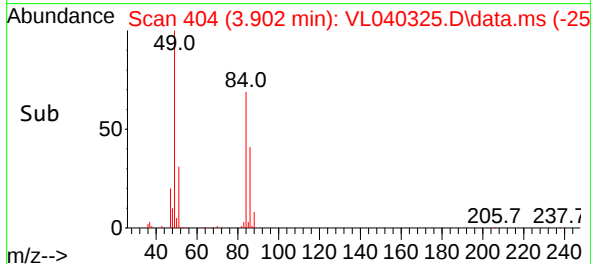
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



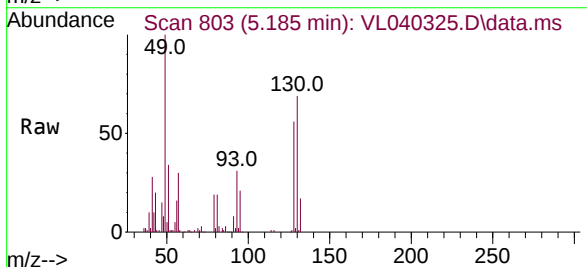
Tgt Ion:	84	Resp:	9278
Ion	Ratio	Lower	Upper
84	100		
49	144.8	117.5	176.3
51	44.4	36.9	55.3
86	59.6	53.3	79.9

Manual Integrations
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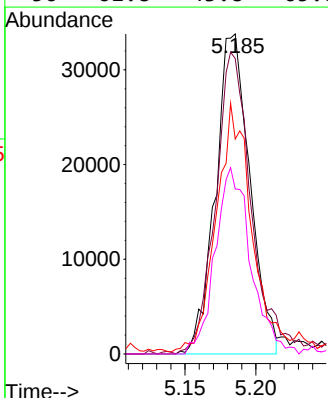
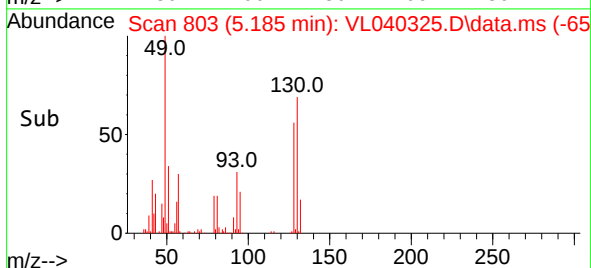
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

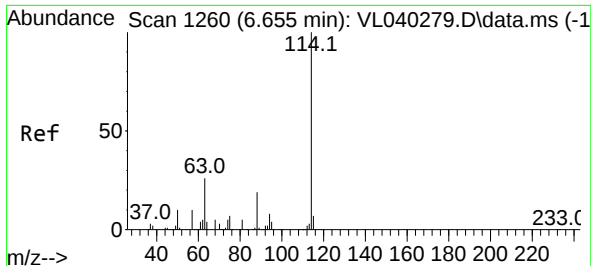


#26
Hexane
Concen: 0.627 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.026 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09



Tgt Ion:	57	Resp:	57266
Ion	Ratio	Lower	Upper
57	100		
41	99.4	73.5	110.3
43	82.5	196.3	294.5#
56	61.8	43.8	65.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 114

Delta R.T. -0.029 min

Lab File: VL040325.D

Acq: 10 Apr 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tgt Ion:114 Resp: 247739

Ion Ratio Lower Upper

114 100

63 25.8 21.2 31.8

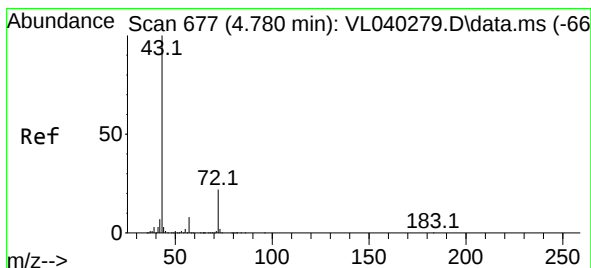
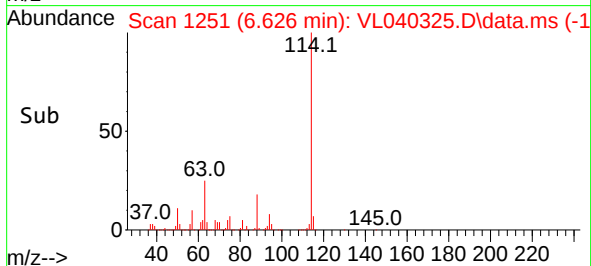
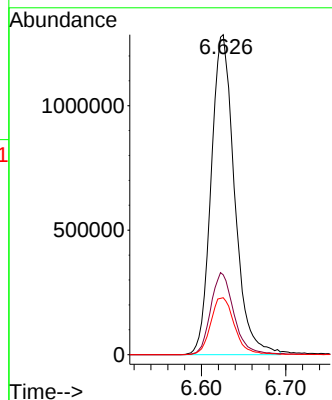
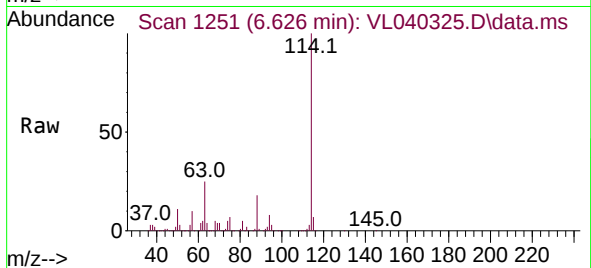
88 18.3 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#34

2-Butanone

Concen: 1.774 ppbv

RT: 4.764 min Scan# 672

Delta R.T. -0.016 min

Lab File: VL040325.D

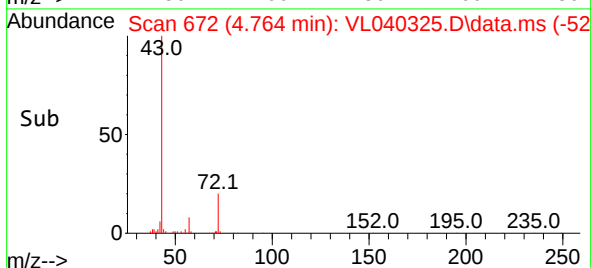
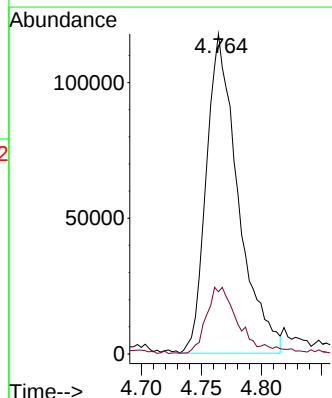
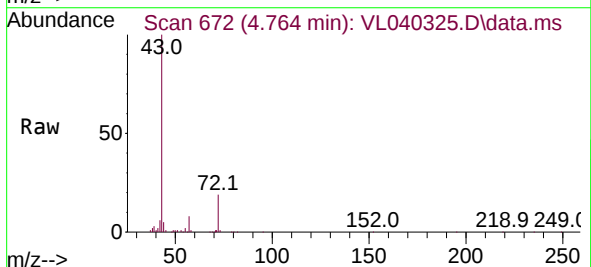
Acq: 10 Apr 2023 15:09

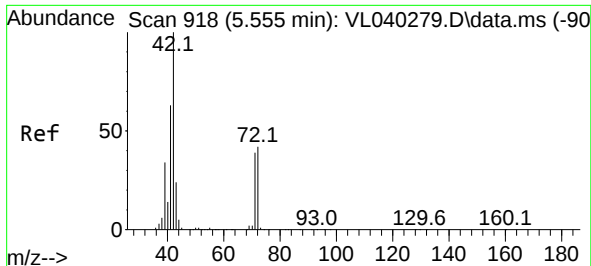
Tgt Ion: 43 Resp: 216952

Ion Ratio Lower Upper

43 100

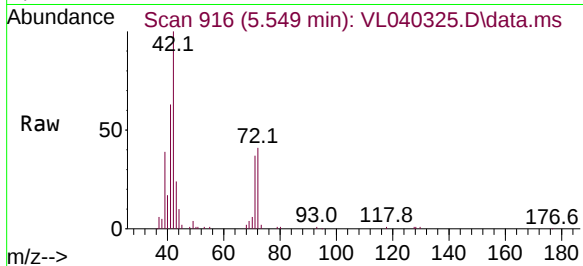
72 23.4 18.3 27.5





#41
Tetrahydrofuran
Concen: 1.221 ppbv m
RT: 5.549 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09

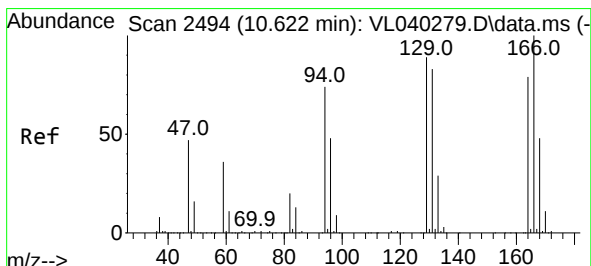
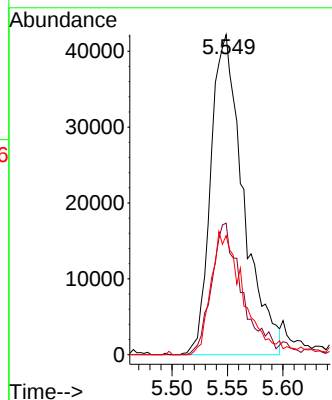
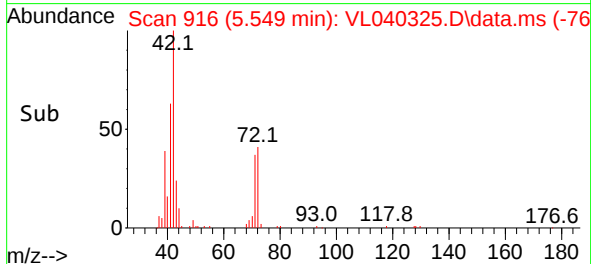
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



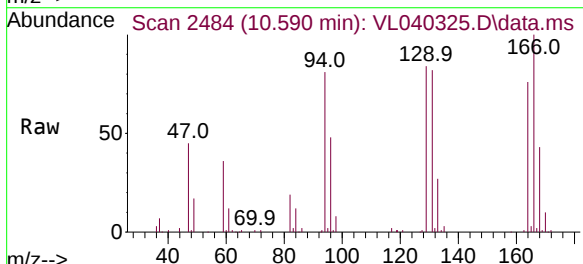
Tgt Ion: 42 Resp: 8615
Ion Ratio Lower Upper
42 100
72 41.0 32.6 49.0
71 40.3 31.0 46.4

Manual Integrations
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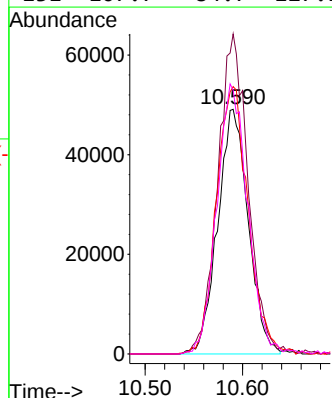
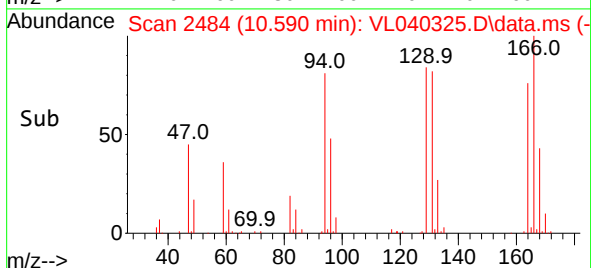
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

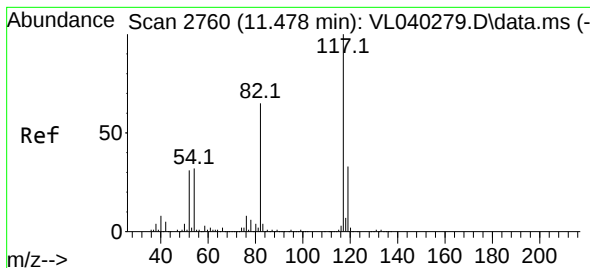


#52
Tetrachloroethene
Concen: 1.871 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.032 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09



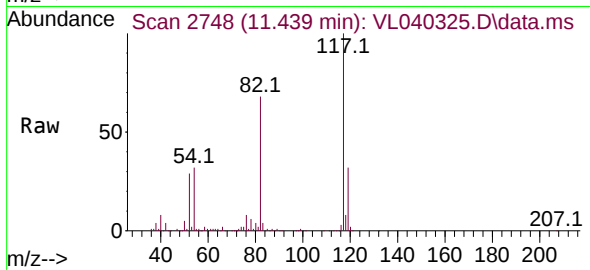
Tgt Ion:164 Resp: 106882
Ion Ratio Lower Upper
164 100
166 130.8 101.8 152.6
129 109.0 90.2 135.2
131 107.7 84.7 127.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 211
Delta R.T. -0.039 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09

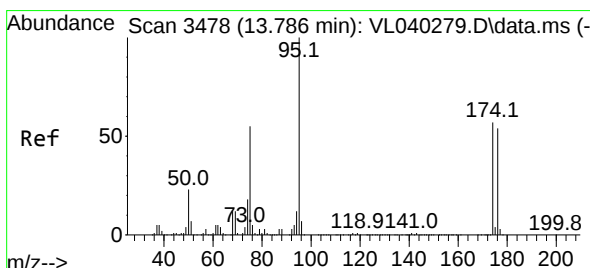
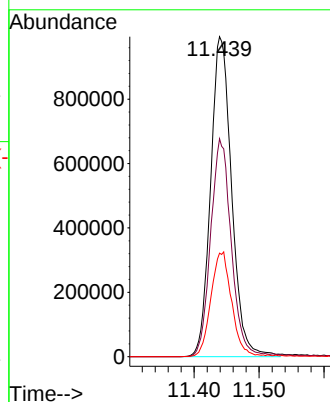
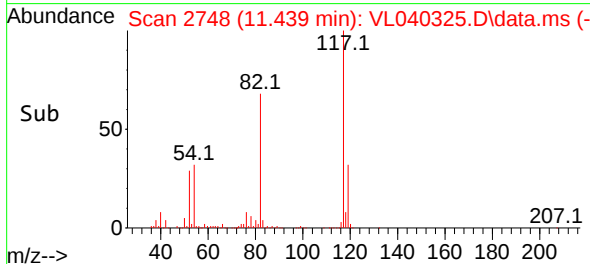
Instrument :
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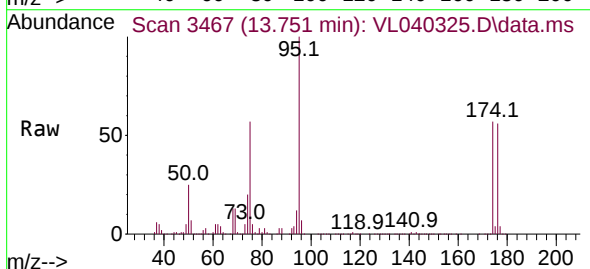
Tgt Ion: 117 Resp: 223281
Ion Ratio Lower Upper
117 100
82 67.9 51.4 77.2
119 32.8 24.0 36.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.806 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.035 min
Lab File: VL040325.D
Acq: 10 Apr 2023 15:09



Tgt Ion: 95 Resp: 1833617
Ion Ratio Lower Upper
95 100
174 59.4 47.0 70.6
175 4.2 3.4 5.2

