

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041734.D
 Acq On : 11 Dec 2024 22:37
 Operator : SY/MD
 Sample : P4368-13 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024

Quant Time: Dec 12 06:59:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 12 05:50:25 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

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

Internal Standards						
1) Bromochloromethane	2.784	49	258738	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.956	114	1264441	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.885	117	1119424	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	728238	9.896	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	667	0.045	ppbv #	86
32) 1,1,1-Trichloroethane	3.366	97	2074	0.034	ppbv	95
38) Trichloroethene	4.545	130	1797m	0.035	ppbv	
52) Tetrachloroethene	8.225	164	1986	0.038	ppbv #	79
63) 1,1,2,2-Tetrachloroethane	9.966	83	2401	0.033	ppbv	99

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

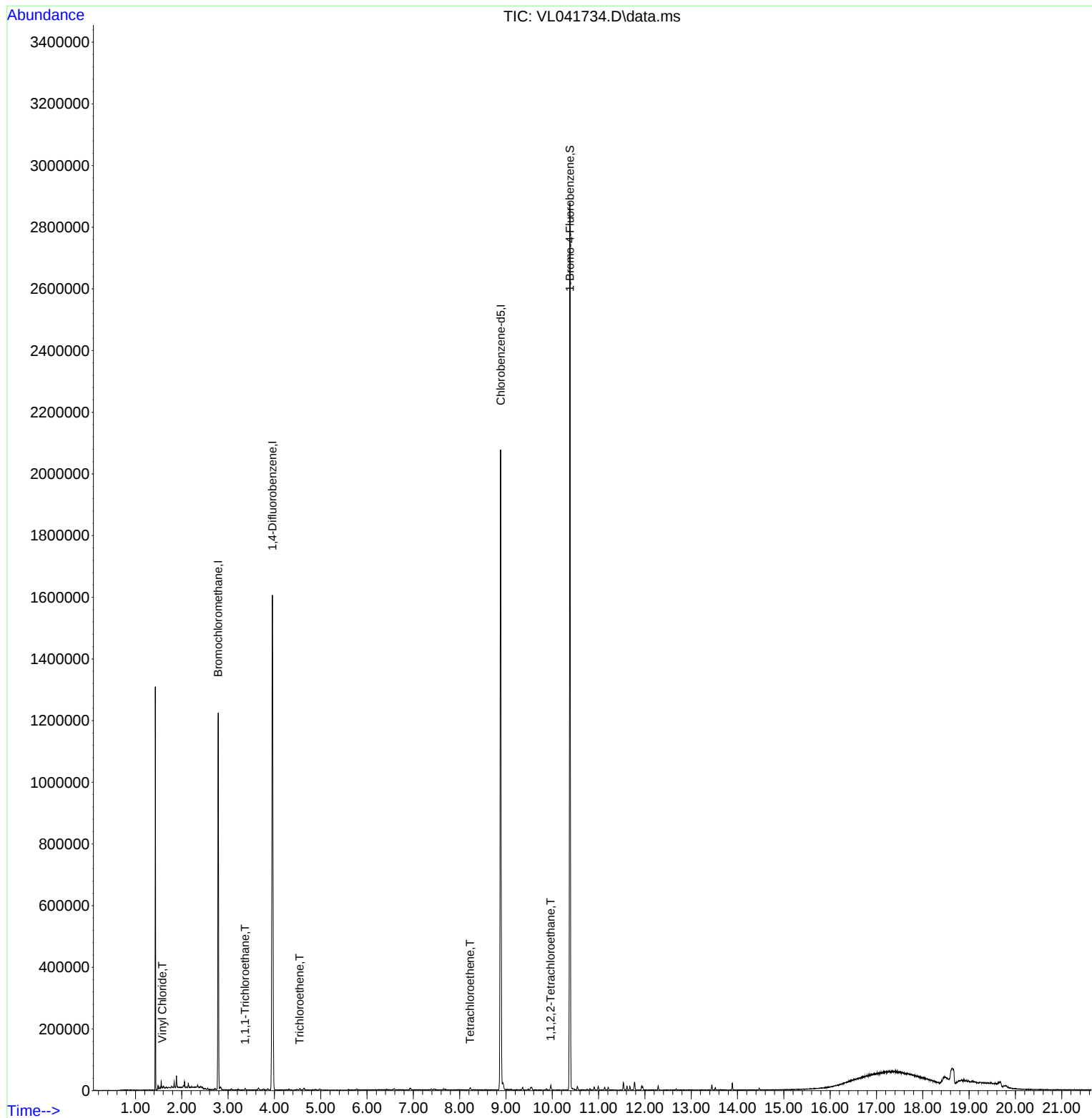
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
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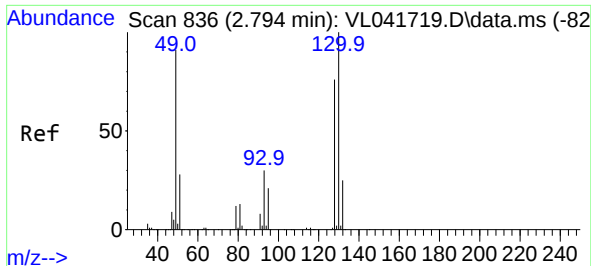
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

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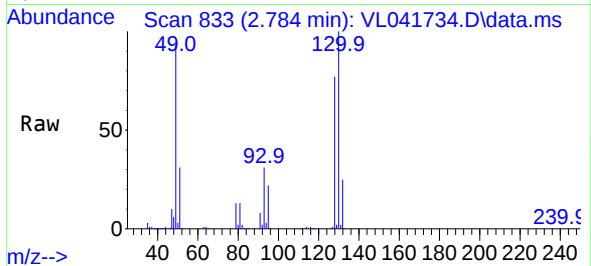
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL041734.D
Acq: 11 Dec 2024 22:37

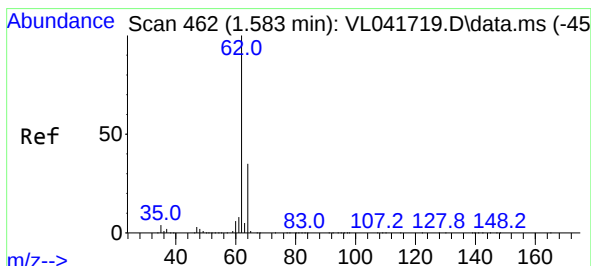
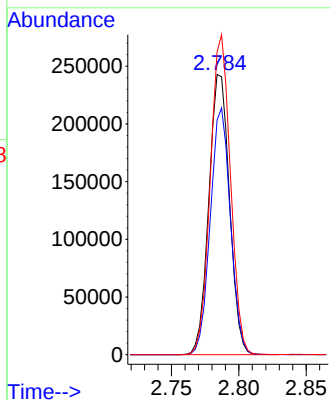
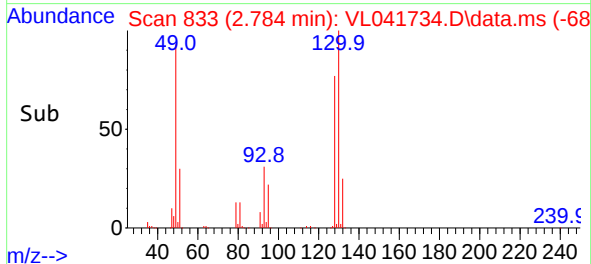
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 49 Resp: 258738
Ion Ratio Lower Upper
49 100
128 85.8 42.8 128.3
130 111.3 55.8 167.4

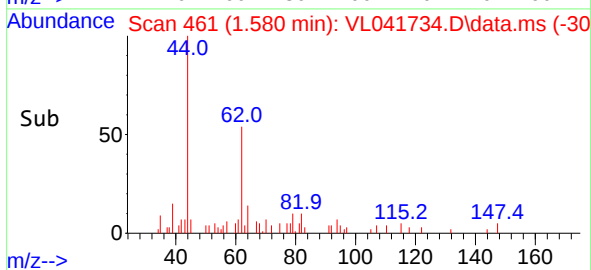
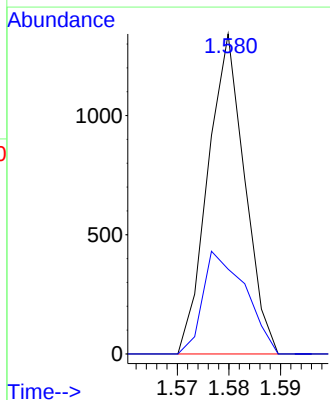
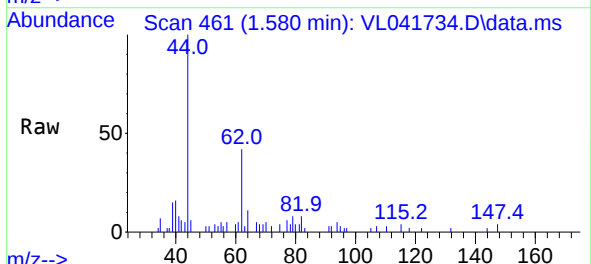
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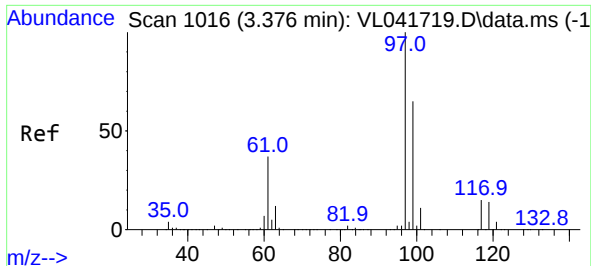
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#5
Vinyl Chloride
Concen: 0.045 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.003 min
Lab File: VL041734.D
Acq: 11 Dec 2024 22:37

Tgt Ion: 62 Resp: 667
Ion Ratio Lower Upper
62 100
64 26.5 27.6 41.4#





#32

1,1,1-Trichloroethane

Concen: 0.034 ppbv

RT: 3.366 min Scan# 1016

Delta R.T. -0.010 min

Lab File: VL041734.D

Acq: 11 Dec 2024 22:37

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

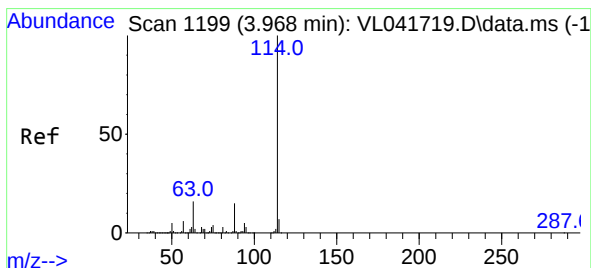
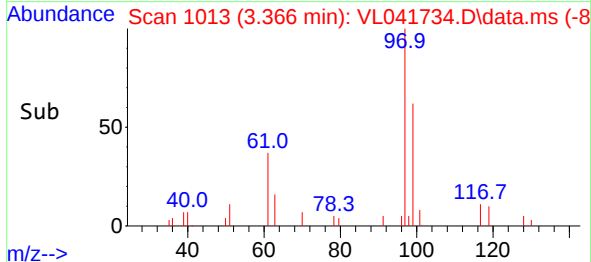
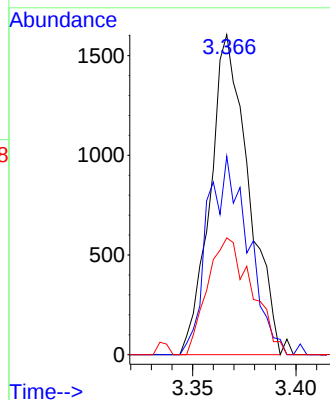
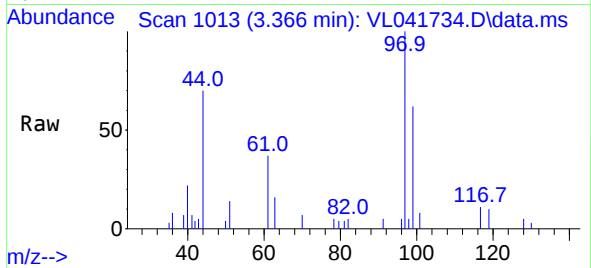
Tgt Ion: 97 Resp: 2074

Ion	Ratio	Lower	Upper
97	100		
99	66.4	52.2	78.2
61	43.4	29.8	44.8

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.956 min Scan# 1195

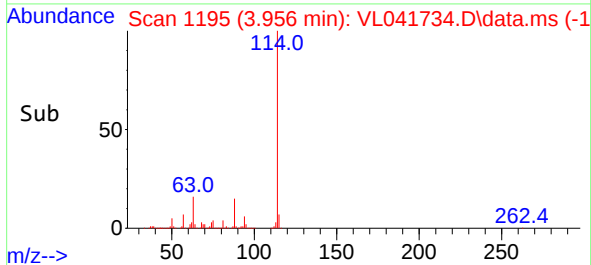
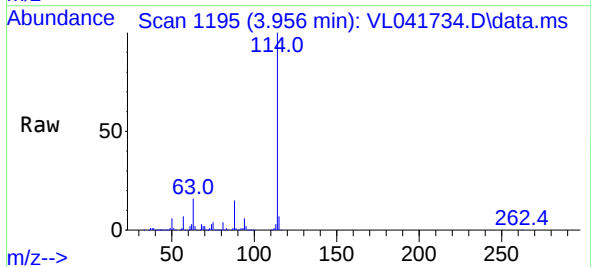
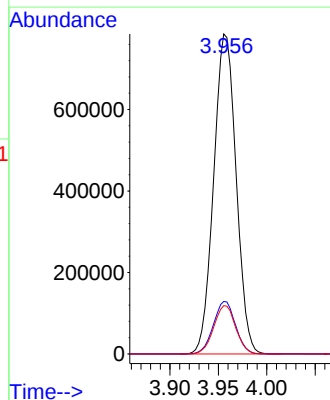
Delta R.T. -0.013 min

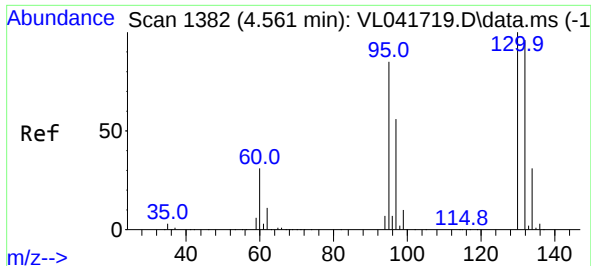
Lab File: VL041734.D

Acq: 11 Dec 2024 22:37

Tgt Ion:114 Resp: 1264441

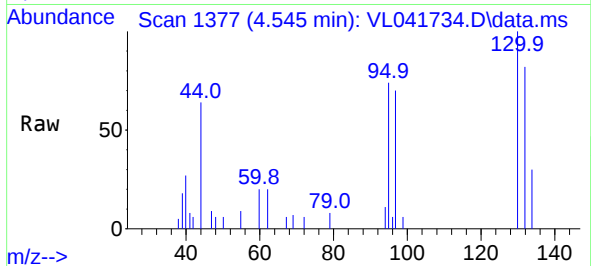
Ion	Ratio	Lower	Upper
114	100		
63	16.2	12.9	19.3
88	14.8	11.8	17.6





#38
Trichloroethene
Concen: 0.035 ppbv m
RT: 4.545 min Scan# 1377
Delta R.T. -0.016 min
Lab File: VL041734.D
Acq: 11 Dec 2024 22:37

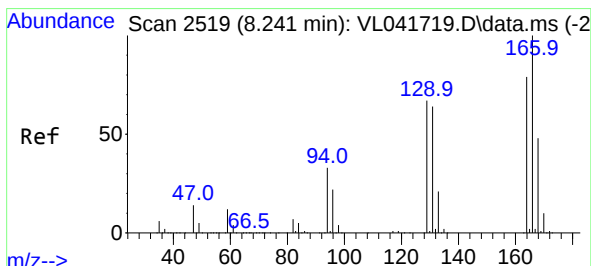
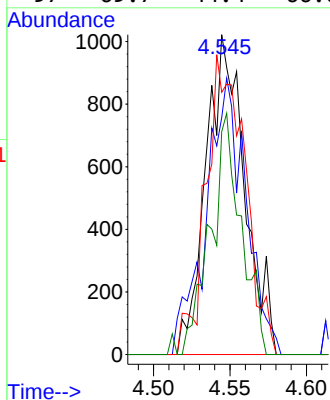
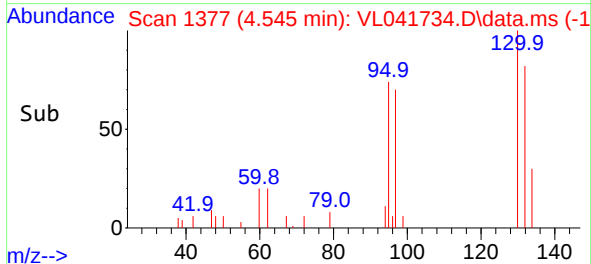
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:	130	Resp:	179
Ion	Ratio	Lower	Upper
130	100		
95	74.1	68.0	102.0
132	82.0	76.5	114.7
97	69.7	44.4	66.6

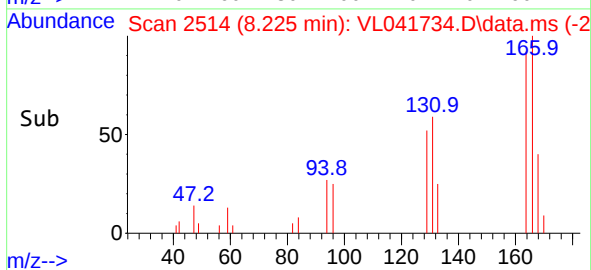
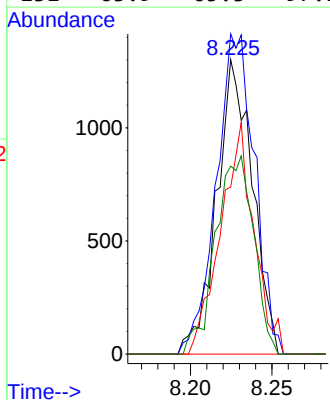
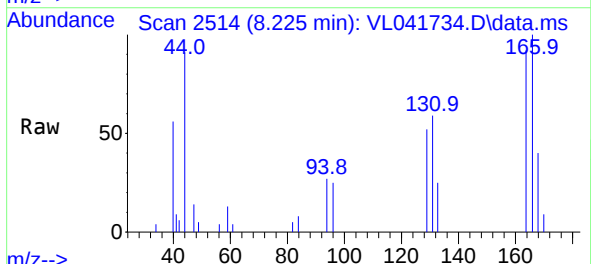
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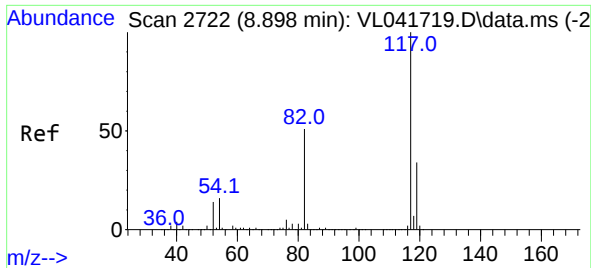
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 0.038 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. -0.016 min
Lab File: VL041734.D
Acq: 11 Dec 2024 22:37

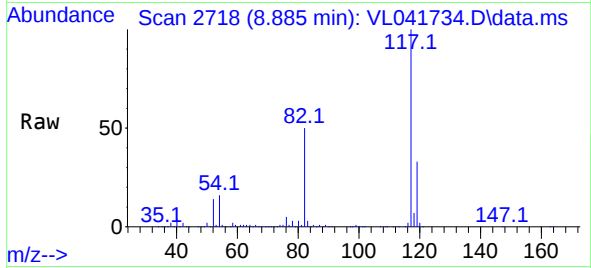
Tgt Ion:	164	Resp:	1986
Ion	Ratio	Lower	Upper
164	100		
166	108.8	101.4	152.0
129	56.7	67.6	101.4
131	63.9	65.3	97.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2119
Delta R.T. -0.013 min
Lab File: VL041734.D
Acq: 11 Dec 2024 22:37

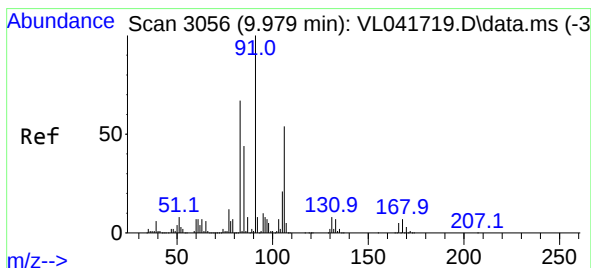
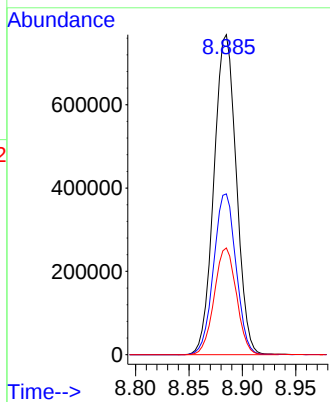
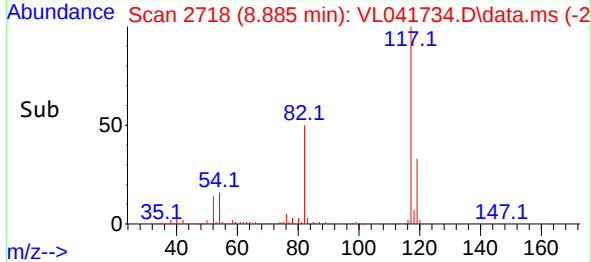
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:117 Resp: 1119424
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 33.2 25.8 38.8

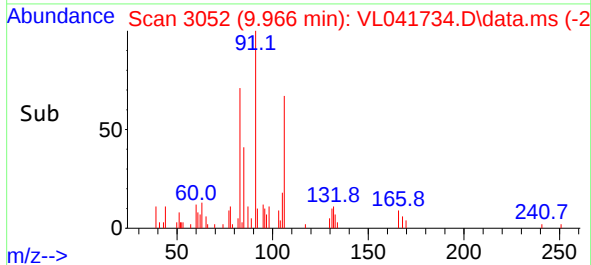
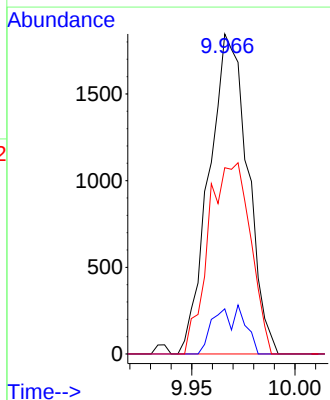
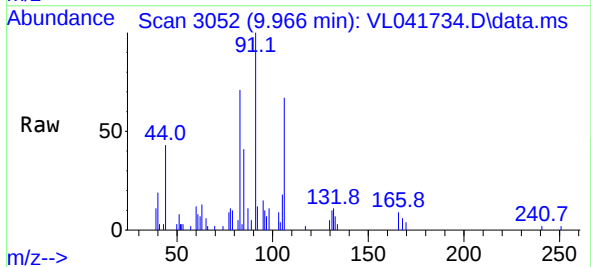
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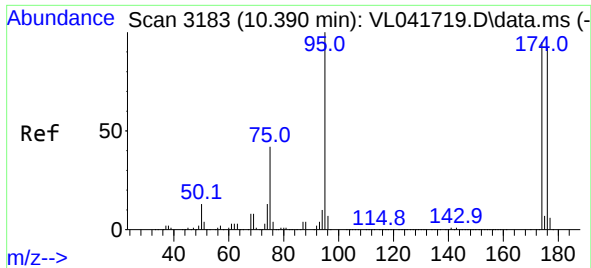
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#63
1,1,2,2-Tetrachloroethane
Concen: 0.033 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.013 min
Lab File: VL041734.D
Acq: 11 Dec 2024 22:37

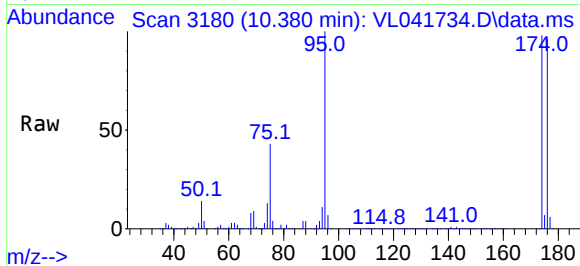
Tgt Ion: 83 Resp: 2401
Ion Ratio Lower Upper
83 100
131 11.8 5.9 17.6
85 65.1 32.8 98.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.896 ppbv
 RT: 10.380 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VL041734.D
 Acq: 11 Dec 2024 22:37

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 95 Resp: 728238
 Ion Ratio Lower Upper
 95 100
 174 97.5 76.7 115.1
 175 6.8 5.4 8.2

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