

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041404.D
 Acq On : 25 Jul 2024 17:24
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 02:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Jul 25 14:31:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1173154	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3272729	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3056197	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2360153	10.303	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.899	62	2531m	0.030	ppbv	
32) 1,1,1-Trichloroethane	5.983	97	6029m	0.029	ppbv	
35) Carbon Tetrachloride	6.478	117	5730m	0.027	ppbv	
38) Trichloroethene	7.275	130	3872m	0.033	ppbv	
52) Tetrachloroethene	10.610	164	3020m	0.028	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.037	83	5269m	0.020	ppbv	

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

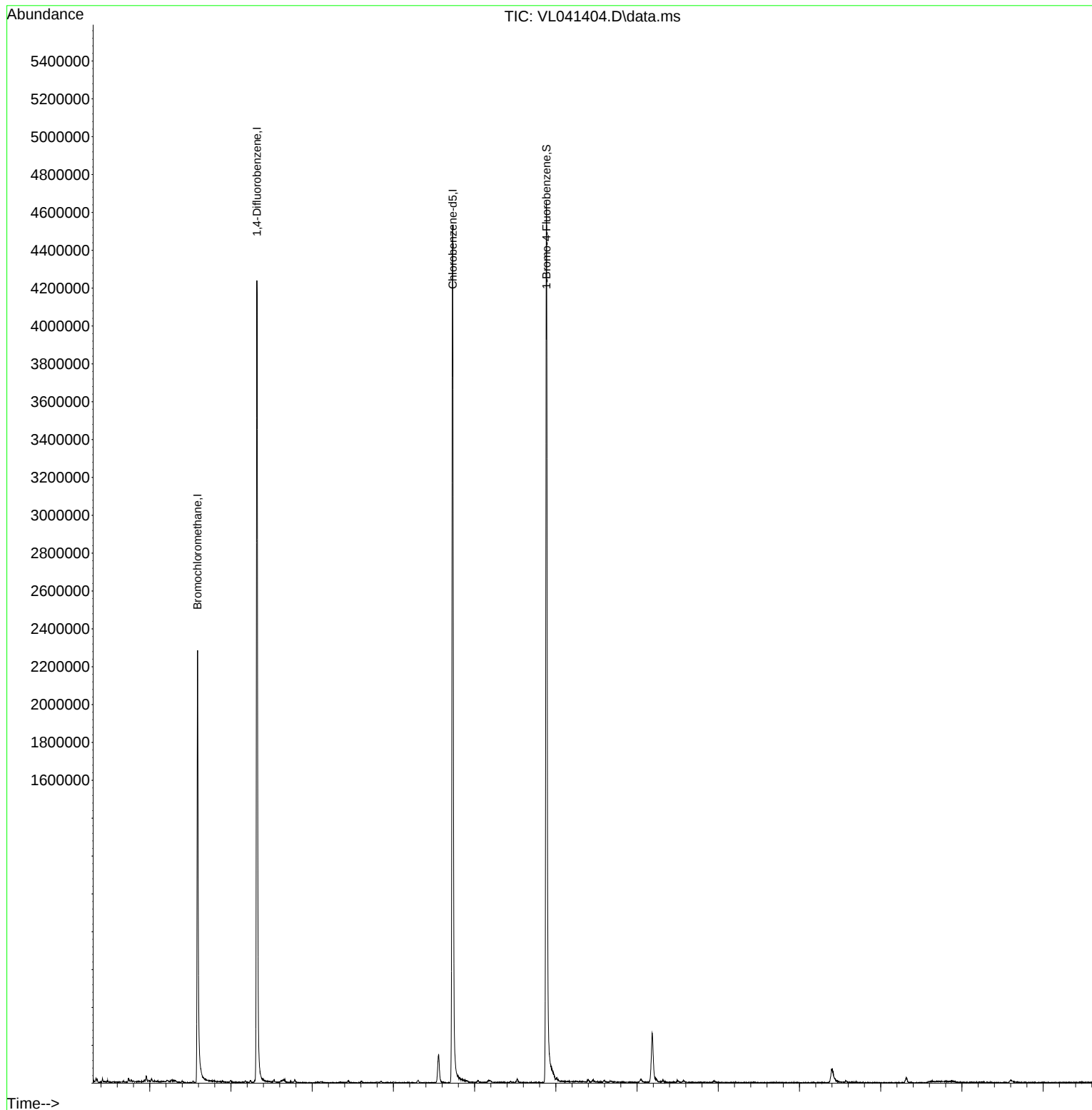
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
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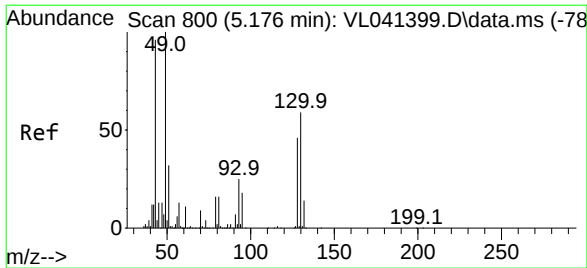
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

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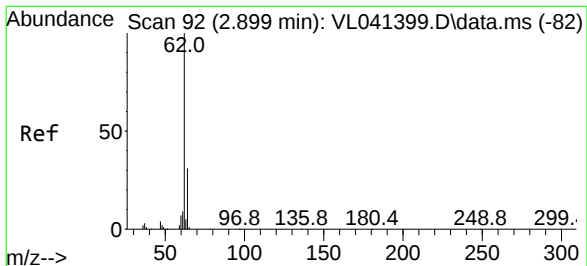
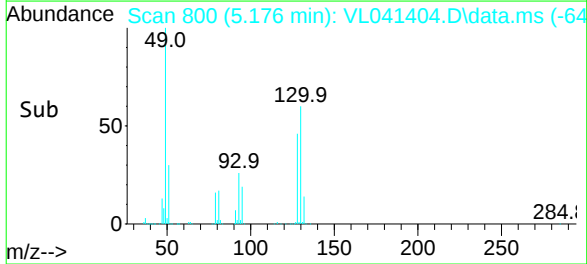
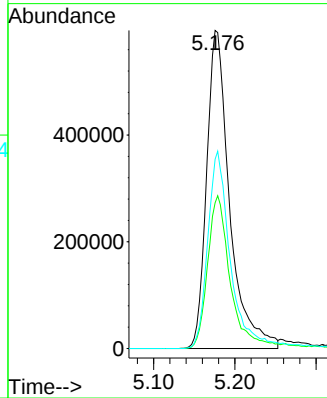
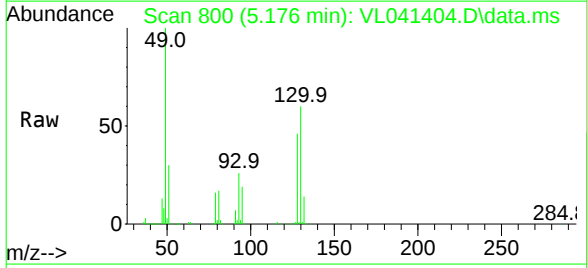
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 1173154
Ion Ratio Lower Upper
49 100
128 48.8 23.8 71.4
130 63.1 30.8 92.4

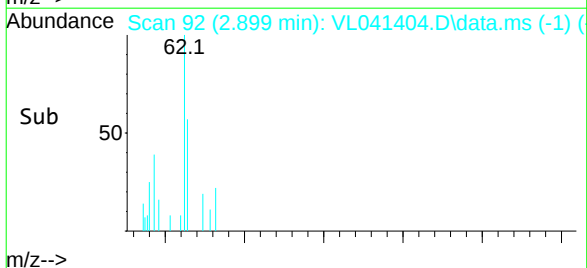
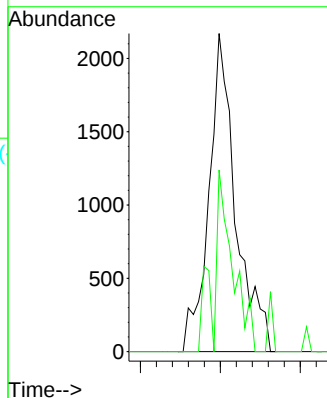
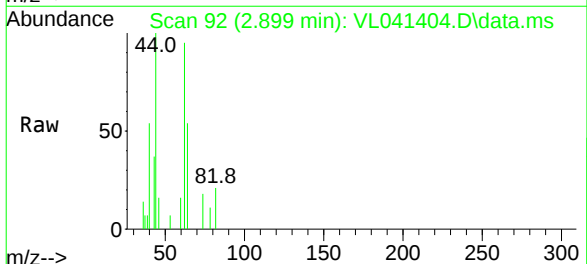
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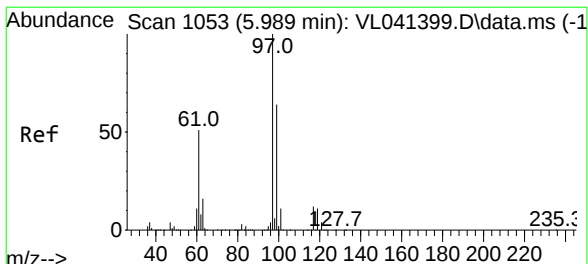
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#5
Vinyl Chloride
Concen: 0.030 ppbv m
RT: 2.899 min Scan# 92
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 62 Resp: 2531
Ion Ratio Lower Upper
62 100
64 57.1 25.0 37.4#





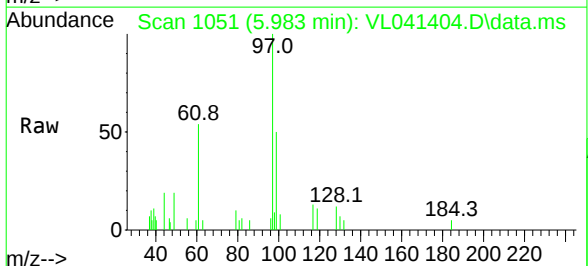
#32
 1,1,1-Trichloroethane
 Concen: 0.029 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.006 min
 Lab File: VL041404.D
 Acq: 25 Jul 2024 17:24

Instrument :

MSVOA_L

ClientSampleId :

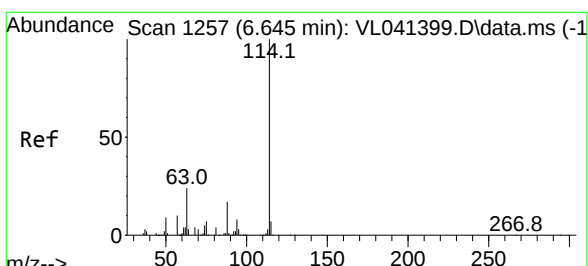
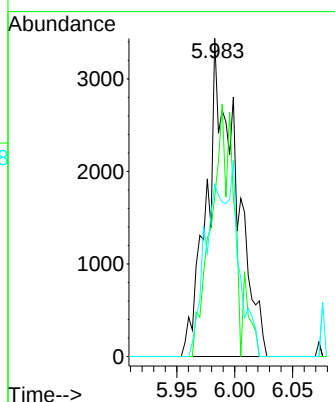
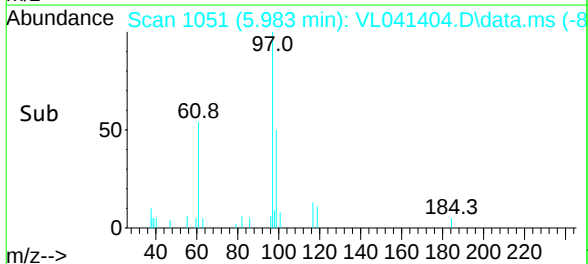
VSTDICC0.03



Tgt Ion:	97	Resp:	6029
Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.0	78.0
61	0.0	41.8	62.8

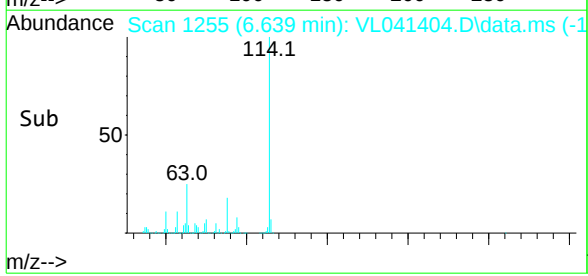
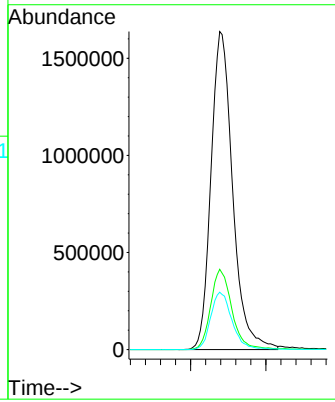
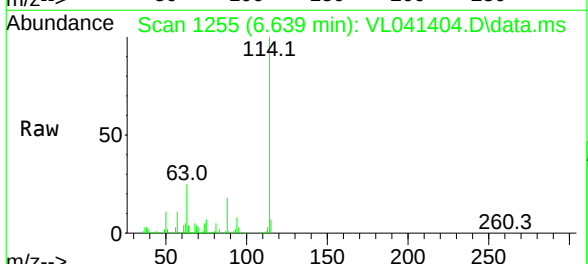
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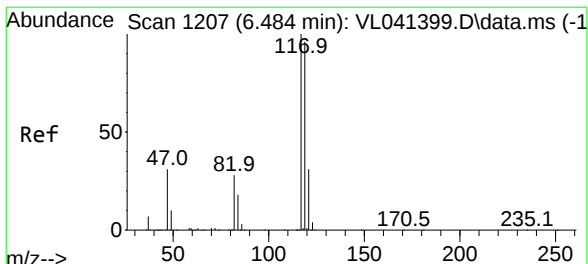
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.639 min Scan# 1255
 Delta R.T. -0.006 min
 Lab File: VL041404.D
 Acq: 25 Jul 2024 17:24

Tgt Ion:	114	Resp:	3272729
Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.3	30.5
88	18.0	14.3	21.5





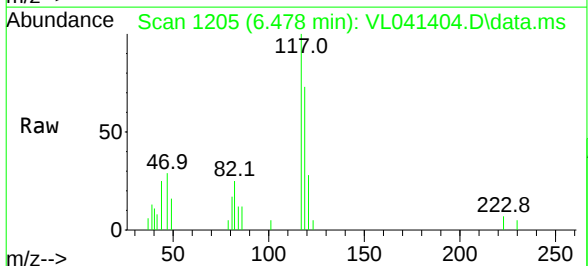
#35
Carbon Tetrachloride
Concen: 0.027 ppbv m
RT: 6.478 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

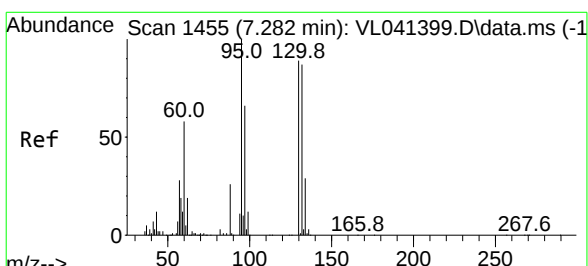
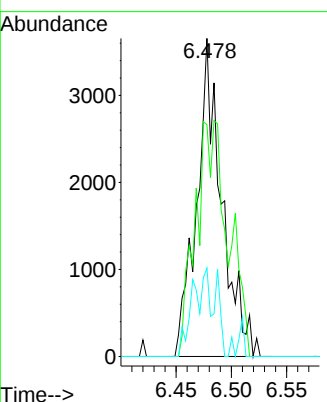
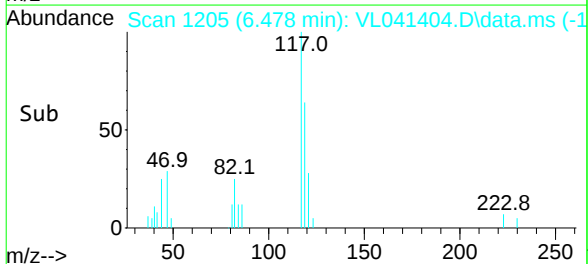


Tgt Ion:117 Resp: 5730

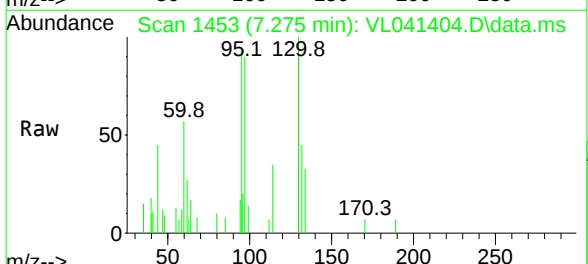
Ion	Ratio	Lower	Upper
117	100		
119	72.9	76.6	115.0#
121	27.8	25.1	37.7

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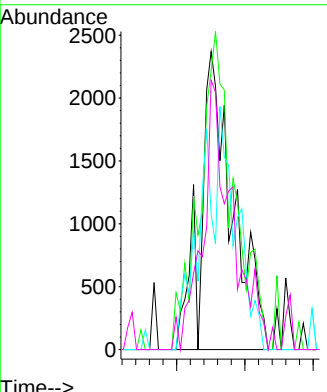
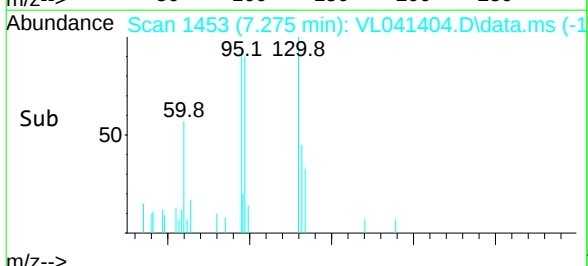


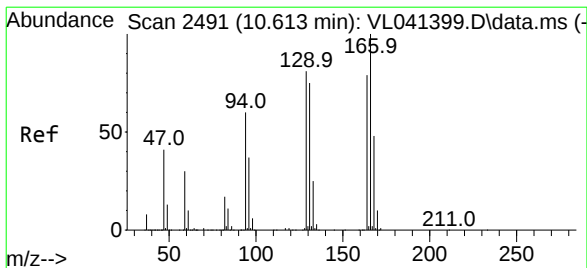
#38
Trichloroethene
Concen: 0.033 ppbv m
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24



Tgt Ion:130 Resp: 3872

Ion	Ratio	Lower	Upper
130	100		
95	93.6	90.2	135.2
132	45.5	78.1	117.1#
97	90.4	59.7	89.5#





#52

Tetrachloroethene

Concen: 0.028 ppbv m

RT: 10.610 min Scan# 2491

Delta R.T. -0.003 min

Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

Instrument :

MSVOA_L

ClientSampleId :

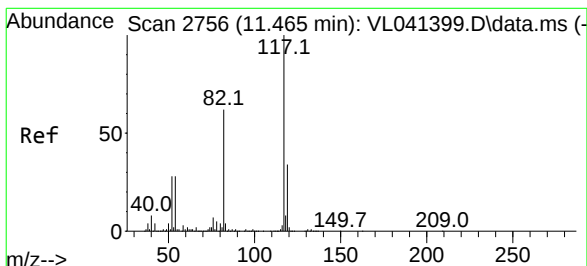
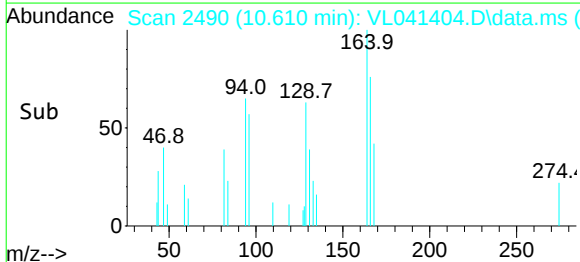
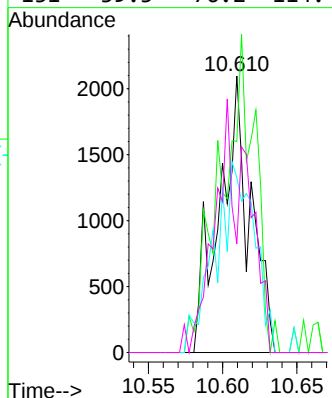
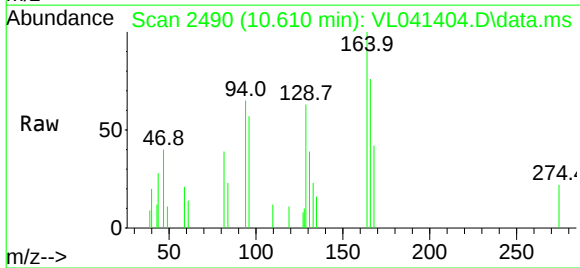
VSTDICC0.03

Tgt Ion:	164	Resp:	3020
Ion	Ratio	Lower	Upper
164	100		
166	76.3	101.1	151.7#
129	63.3	81.7	122.5#
131	39.3	76.2	114.4#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

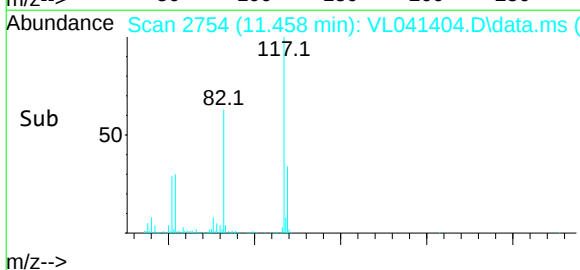
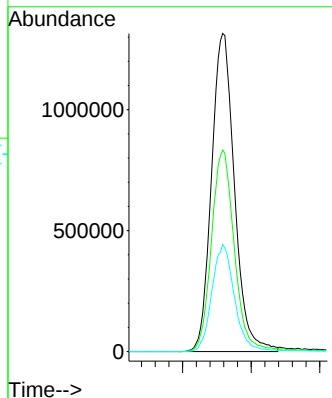
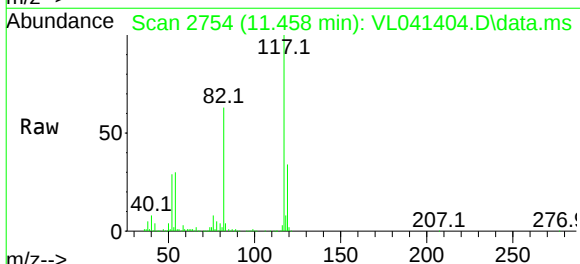
RT: 11.458 min Scan# 2754

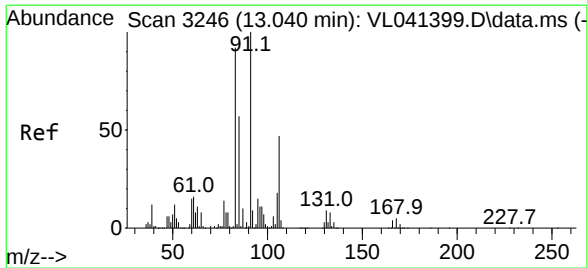
Delta R.T. -0.006 min

Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

Tgt Ion:	117	Resp:	3056197
Ion	Ratio	Lower	Upper
117	100		
82	64.0	51.0	76.6
119	33.7	45.2	67.8#





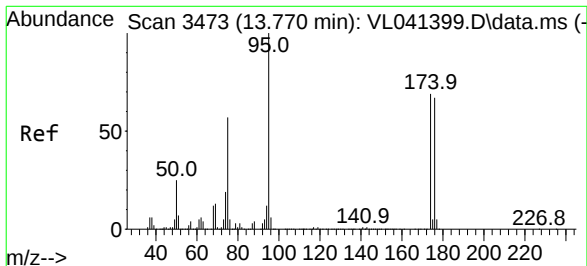
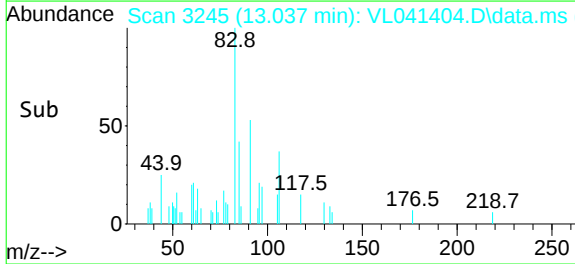
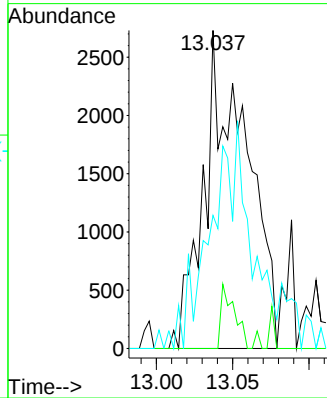
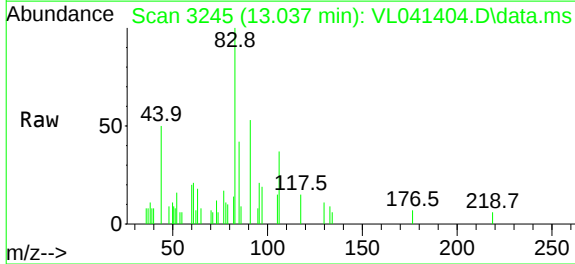
#63
1,1,2,2-Tetrachloroethane
Concen: 0.020 ppbv m
RT: 13.037 min Scan# 3246
Delta R.T. -0.003 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.03

Tgt Ion: 83	Resp: 5269
Ion Ratio Lower Upper	
83 100	
131 7.0 4.8 14.4	
85 0.0 32.6 98.0	

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.303 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.003 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 95	Resp: 2360153
Ion Ratio Lower Upper	
95 100	
174 71.0 56.3 84.5	
175 5.3 4.0 6.0	

