

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037453.D
 Acq On : 21 Sep 2024 00:31
 Operator : SY/MD
 Sample : P4107-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:53:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

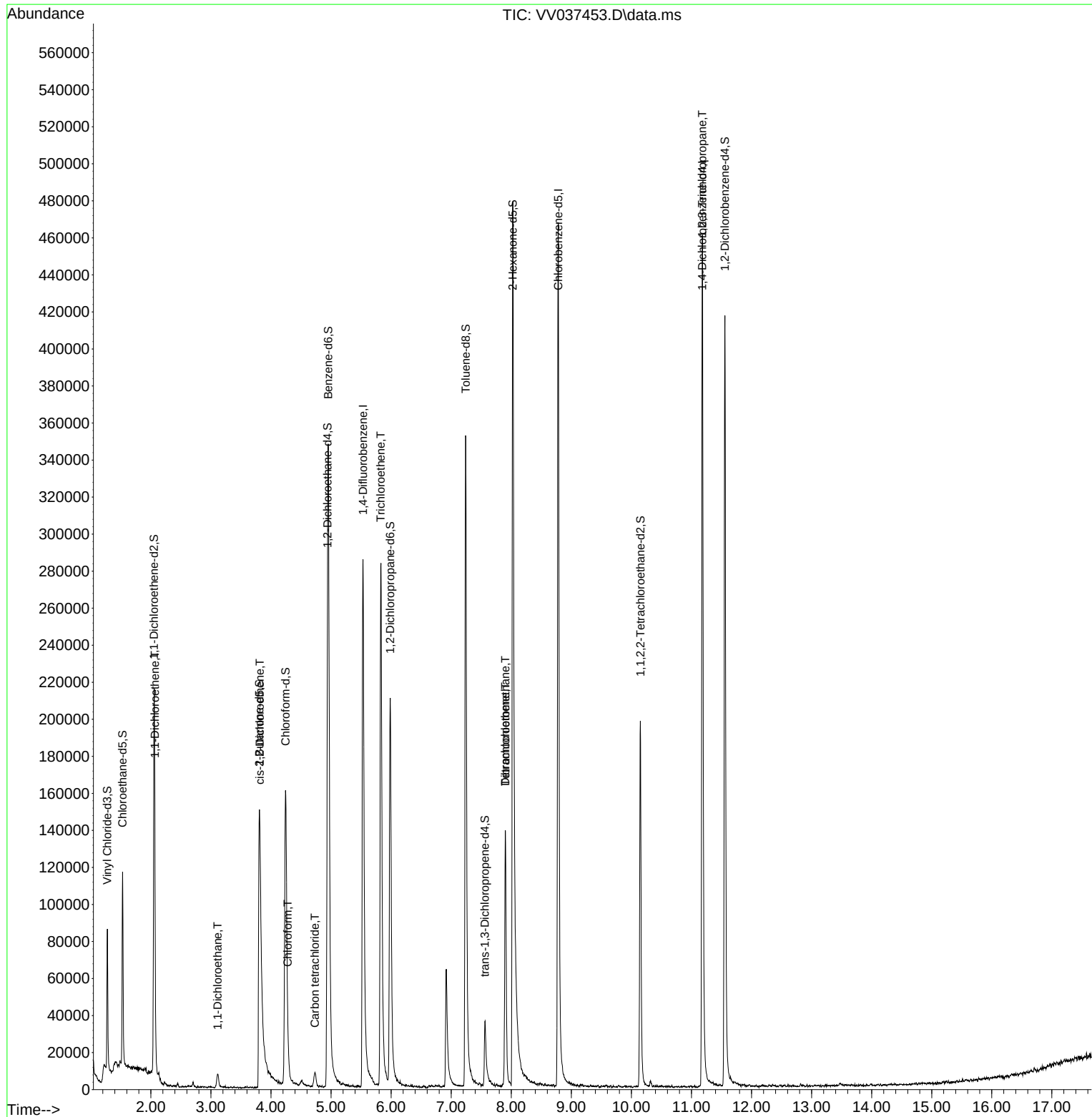
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	274225	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	130205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49512	3.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.529	69	66782	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.053	65	28102	3.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.806	46	237817	49.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.920%
24) Chloroform-d	4.243	84	181155	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.941	65	89757	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.953	84	320804	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.986	67	114791	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.243	98	260358	3.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.561	79	26387	3.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.024	63	196864	51.564	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	100334	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	113166	4.889	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	18897	0.983	ug/L #	38
19) 1,1-Dichloroethane	3.111	63	8361	0.217	ug/L #	87
22) cis-1,2-Dichloroethene	3.815	96	21049	0.963	ug/L	97
25) Chloroform	4.278	83	6030	0.155	ug/L	87
31) Carbon tetrachloride	4.732	117	5748	0.200	ug/L	93
34) Trichloroethene	5.828	95	109604	4.738	ug/L	99
47) Tetrachloroethene	7.902	164	31442	1.899	ug/L	98
49) Dibromochloromethane	7.902	129	30732	1.877	ug/L #	10
61) 1,2,3-Trichloropropane	11.178	75	15947	1.346	ug/L #	65

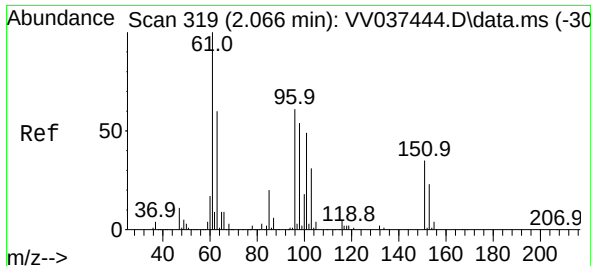
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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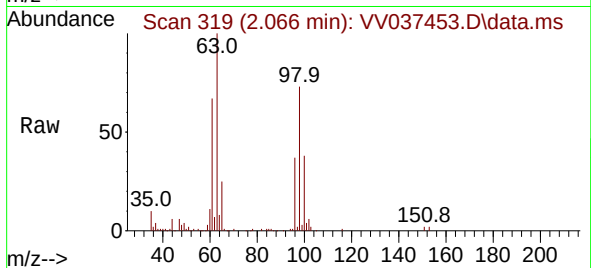
Quant Time: Sep 21 04:53:54 2024
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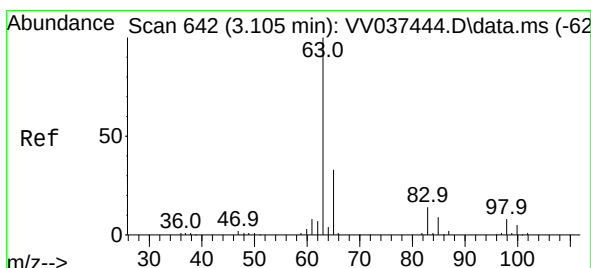
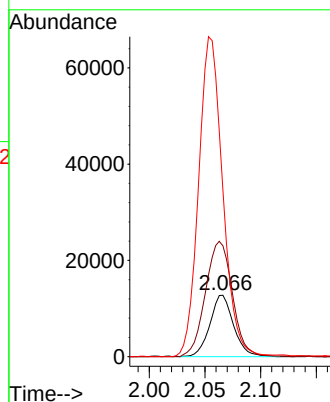
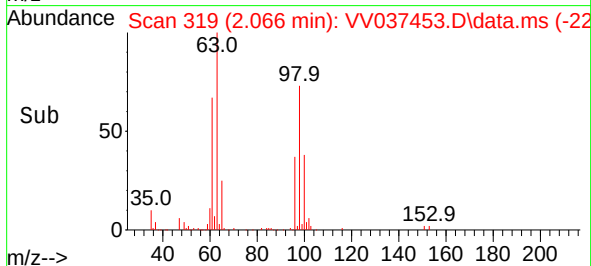


#12
1,1-Dichloroethene
Concen: 0.983 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037453.D
Acq: 21 Sep 2024 00:31

Instrument :
MSVOA_V
ClientSampleId :

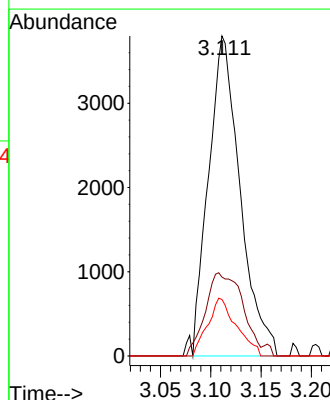
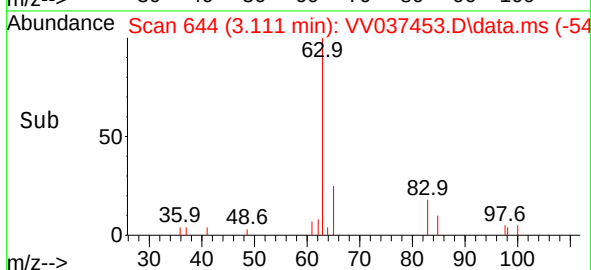
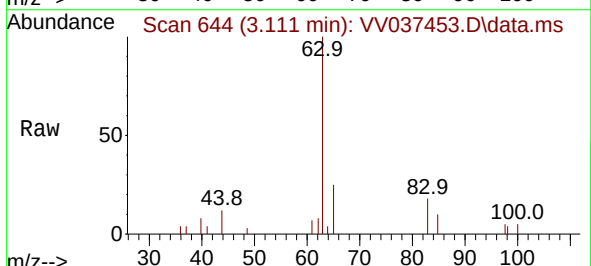


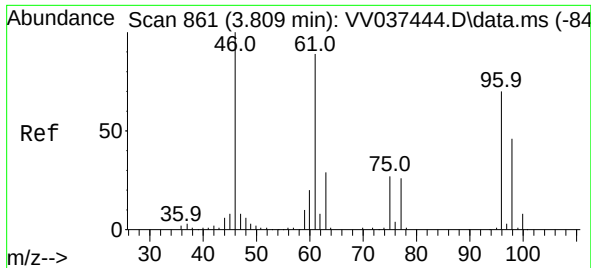
Tgt Ion: 96 Resp: 18897
Ion Ratio Lower Upper
96 100
61 180.6 119.9 222.7
63 271.4 81.4 151.2#



#19
1,1-Dichloroethane
Concen: 0.217 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.007 min
Lab File: VV037453.D
Acq: 21 Sep 2024 00:31

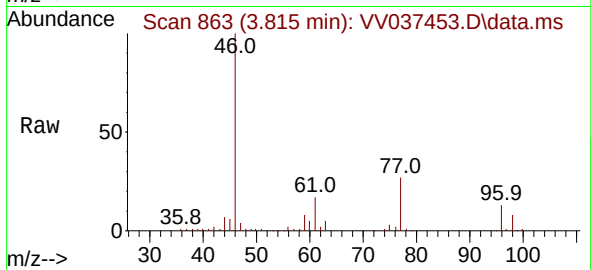
Tgt Ion: 63 Resp: 8361
Ion Ratio Lower Upper
63 100
65 24.6 22.5 41.7
83 17.6 8.9 16.5#



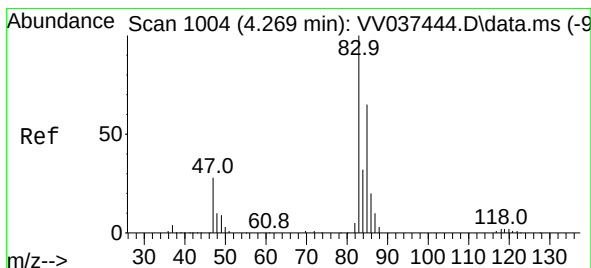
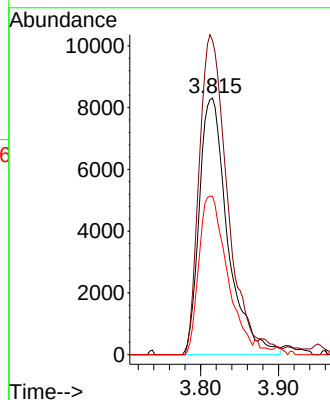
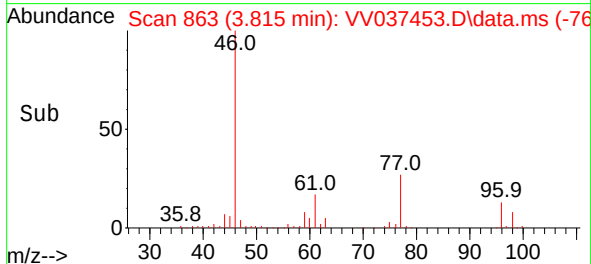


#22
cis-1,2-Dichloroethene
Concen: 0.963 ug/L
RT: 3.815 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV037453.D
Acq: 21 Sep 2024 00:31

Instrument :
MSVOA_V
ClientSampleId :

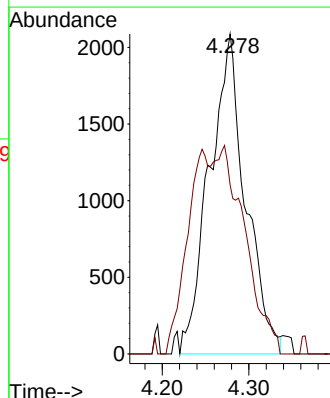
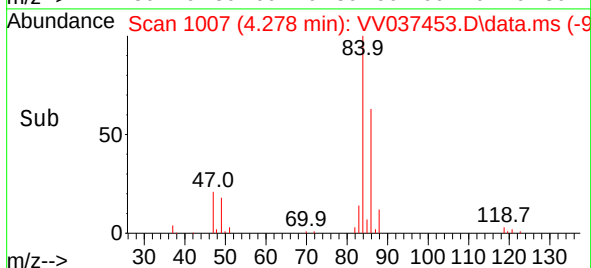
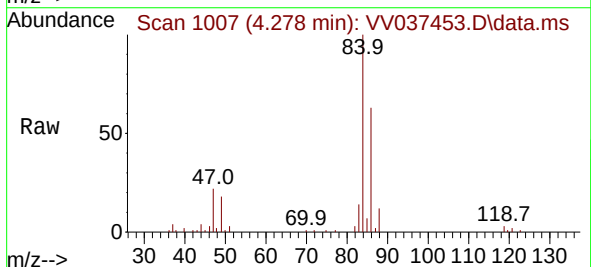


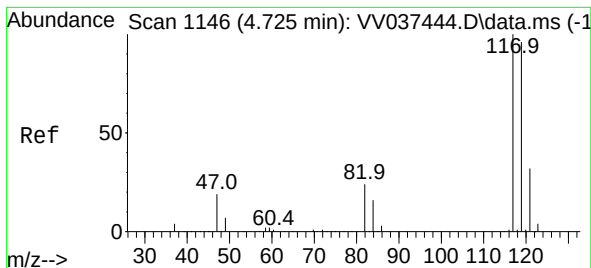
Tgt Ion:	96	Resp:	21049
Ion	Ratio	Lower	Upper
96	100		
61	122.5	87.6	162.6
98	61.7	44.9	83.5



#25
Chloroform
Concen: 0.155 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.010 min
Lab File: VV037453.D
Acq: 21 Sep 2024 00:31

Tgt Ion:	83	Resp:	6030
Ion	Ratio	Lower	Upper
83	100		
85	52.8	43.8	81.4





#31

Carbon tetrachloride

Concen: 0.200 ug/L

RT: 4.732 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VV037453.D

Acq: 21 Sep 2024 00:31

Instrument :

MSVOA_V

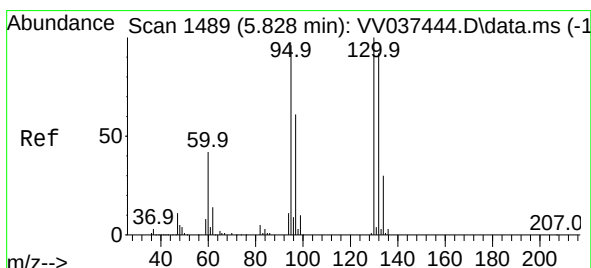
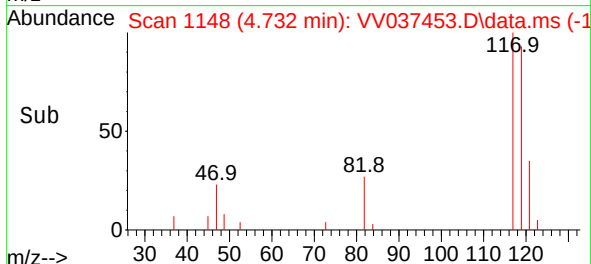
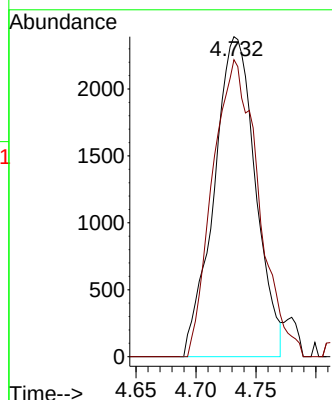
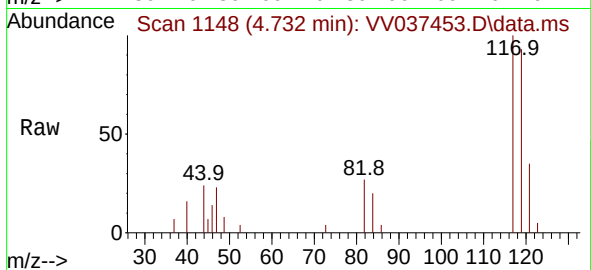
ClientSampleId :

Tgt Ion:117 Resp: 5748

Ion Ratio Lower Upper

117 100

119 102.5 76.2 114.4



#34

Trichloroethene

Concen: 4.738 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037453.D

Acq: 21 Sep 2024 00:31

Tgt Ion: 95 Resp: 109604

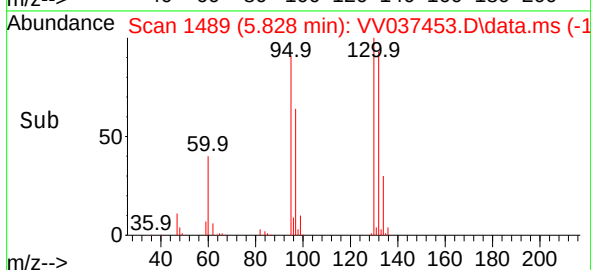
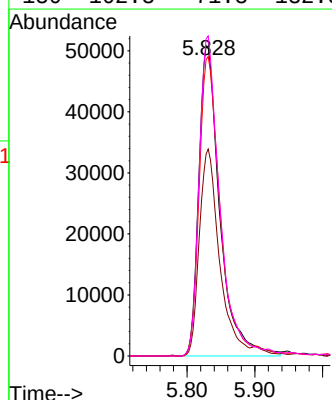
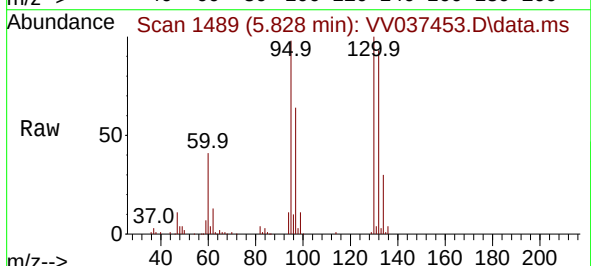
Ion Ratio Lower Upper

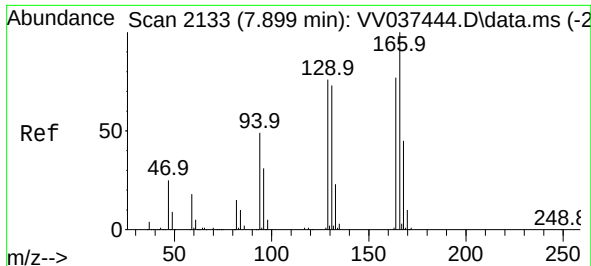
95 100

97 65.1 46.5 86.5

132 95.6 65.5 121.7

130 102.3 71.3 132.3

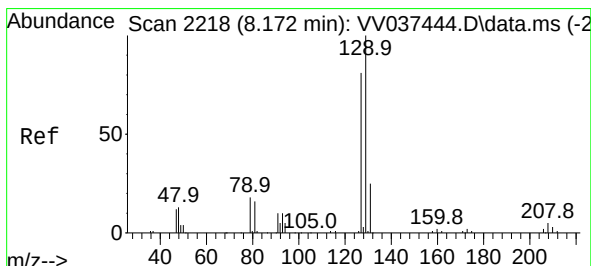
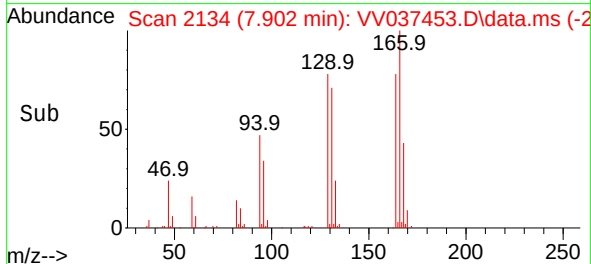
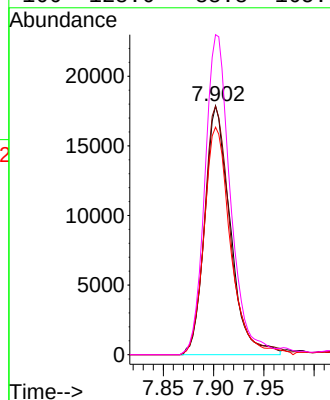
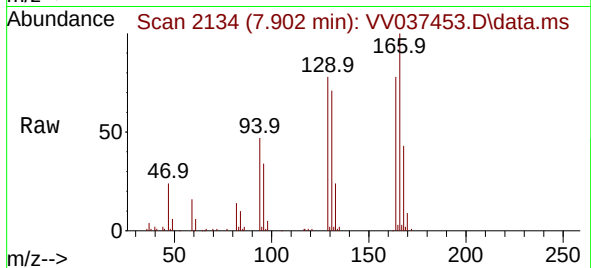




#47
Tetrachloroethene
Concen: 1.899 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037453.D
Acq: 21 Sep 2024 00:31

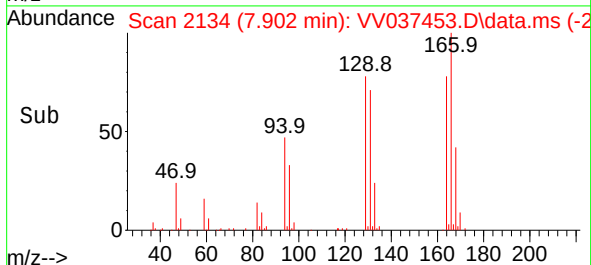
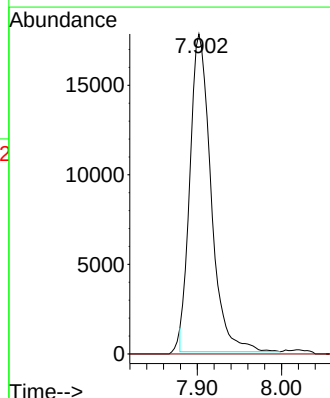
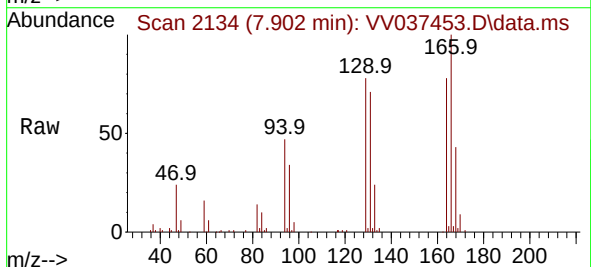
Instrument :
MSVOA_V
ClientSampleId :

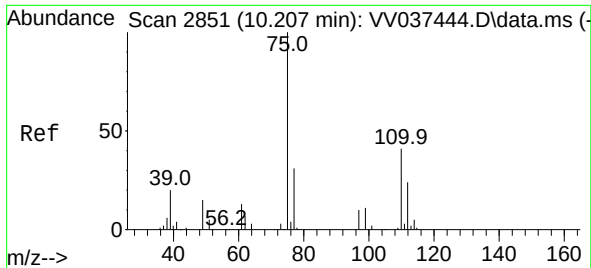
Tgt Ion:164 Resp: 31442
Ion Ratio Lower Upper
164 100
129 100.0 69.2 128.4
131 91.4 66.6 123.8
166 128.6 88.8 165.0



#49
Dibromochloromethane
Concen: 1.877 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.270 min
Lab File: VV037453.D
Acq: 21 Sep 2024 00:31

Tgt Ion:129 Resp: 30732
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.346 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.971 min

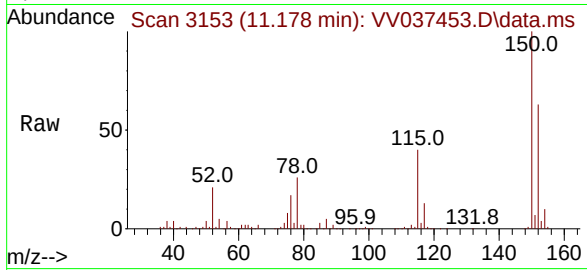
Lab File: VV037453.D

Acq: 21 Sep 2024 00:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 15947

Ion Ratio Lower Upper

75 100

77 35.2 25.6 38.4

110 2.4 31.0 46.4#

