

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037351.D
 Acq On : 18 Sep 2024 23:06
 Operator : SY/MD
 Sample : P3988-12 50X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 03:59:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

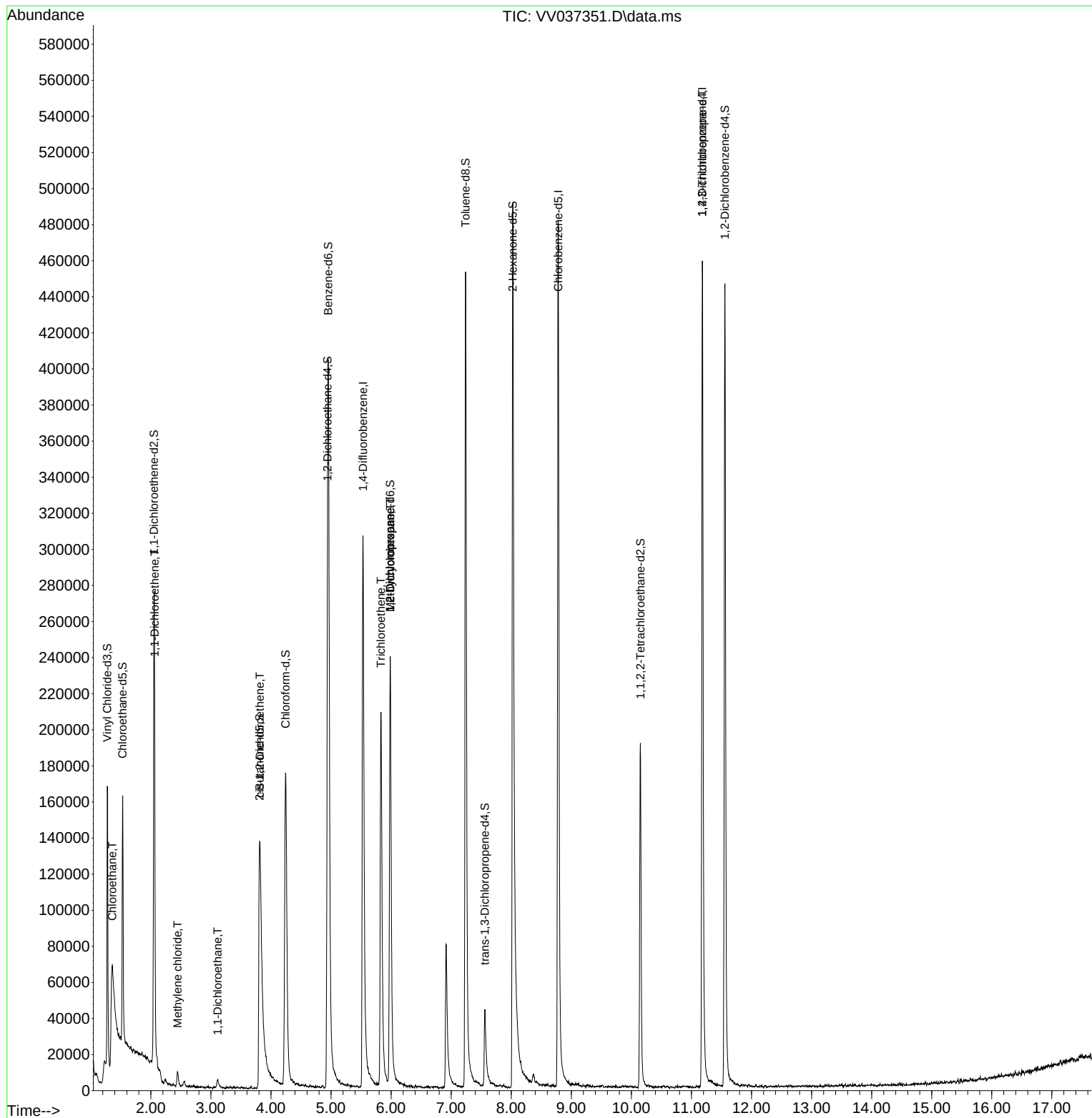
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	281389	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	291470	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	128468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	101352	6.139	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.800%
7) Chloroethane-d5	1.529	69	86610	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.053	65	42604	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.809	46	231547	46.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.860%
24) Chloroform-d	4.243	84	198655	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.940	65	96852	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.953	84	384865	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	5.985	67	122362	5.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.239	98	327216	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.561	79	29979	3.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.024	63	198330	50.779	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	101358	5.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	120973	5.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
8) Chloroethane	1.359	64	174310	10.575	ug/L #	51
12) 1,1-Dichloroethene	2.063	96	6001	0.304	ug/L #	1
16) Methylene chloride	2.445	84	3476	0.153	ug/L	98
19) 1,1-Dichloroethane	3.114	63	5052	0.128	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	8518	0.380	ug/L	94
34) Trichloroethene	5.831	95	80571	3.405	ug/L	96
35) Methylcyclohexane	5.985	83	29855	0.830	ug/L #	19
37) 1,2-Dichloropropane	5.985	63	13158	0.589	ug/L #	87
61) 1,2,3-Trichloropropane	11.181	75	16614	1.421	ug/L #	67

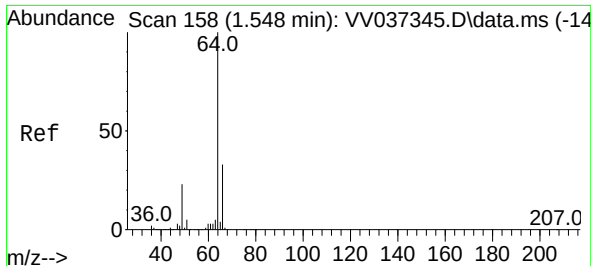
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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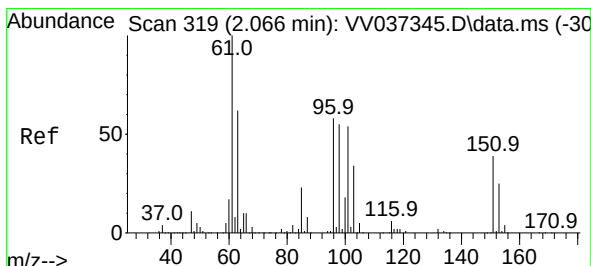
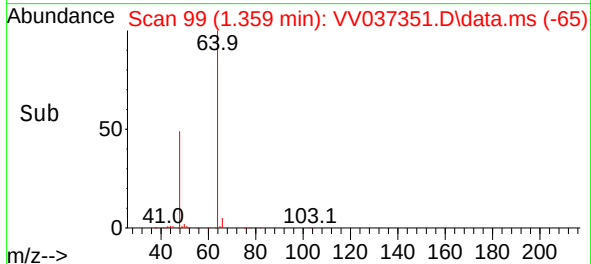
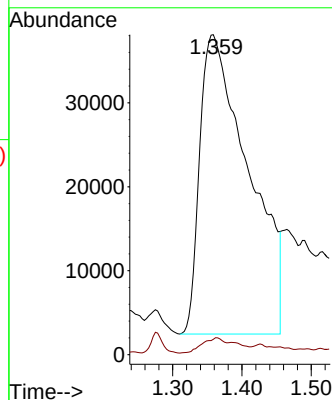
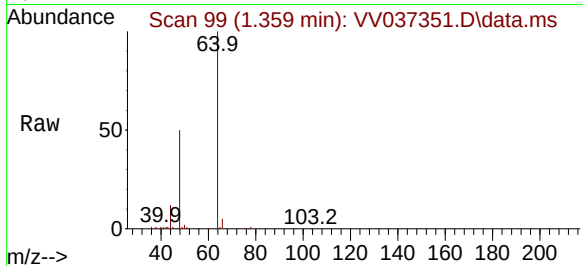




#8
Chloroethane
Concen: 10.575 ug/L
RT: 1.359 min Scan# 90
Delta R.T. -0.190 min
Lab File: VV037351.D
Acq: 18 Sep 2024 23:06

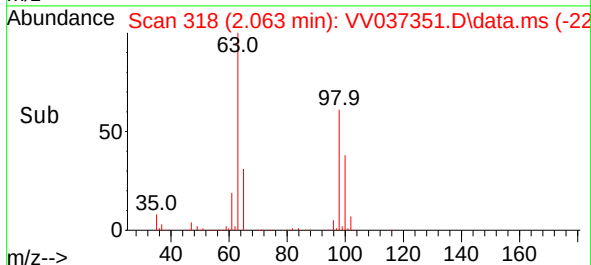
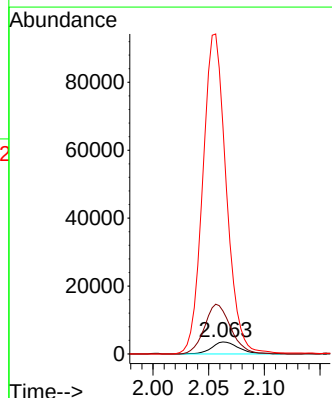
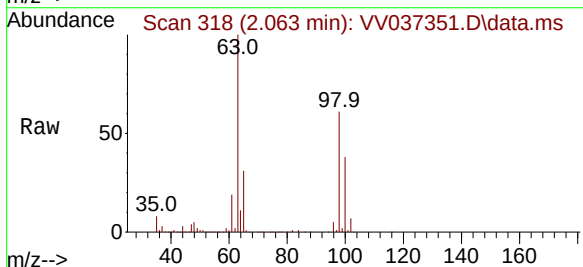
Instrument :
MSVOA_V
ClientSampleId :

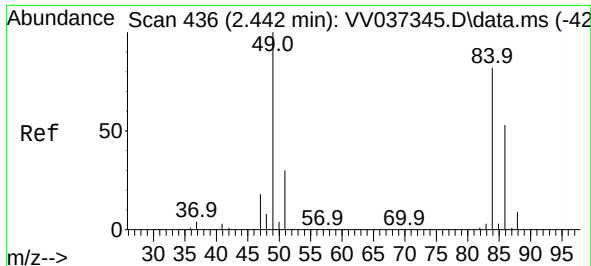
Tgt Ion: 64 Resp: 174310
Ion Ratio Lower Upper
64 100
66 4.8 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 0.304 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037351.D
Acq: 18 Sep 2024 23:06

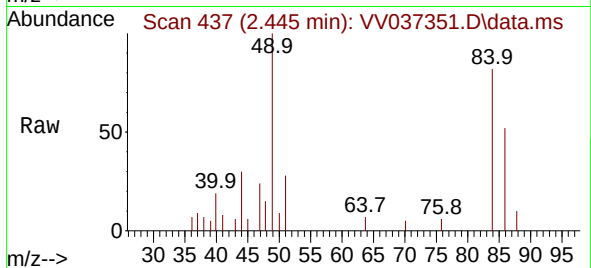
Tgt Ion: 96 Resp: 6001
Ion Ratio Lower Upper
96 100
61 357.3 119.9 222.7#
63 1895.2 81.4 151.2#



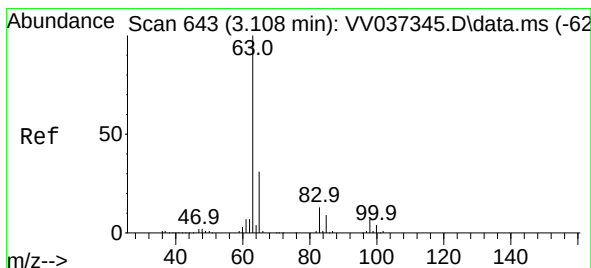
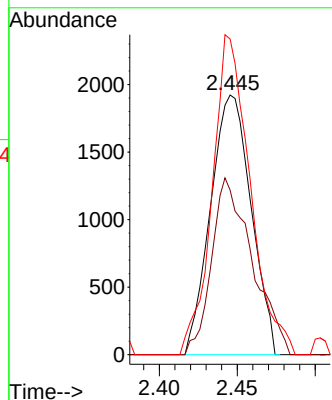
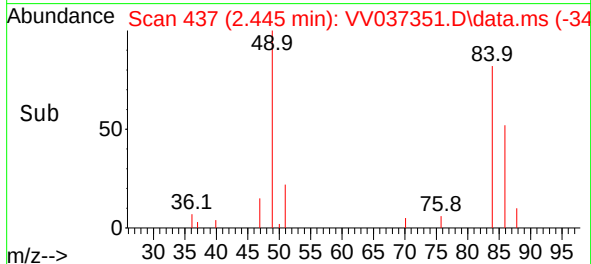


#16
Methylene chloride
Concen: 0.153 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV037351.D
Acq: 18 Sep 2024 23:06

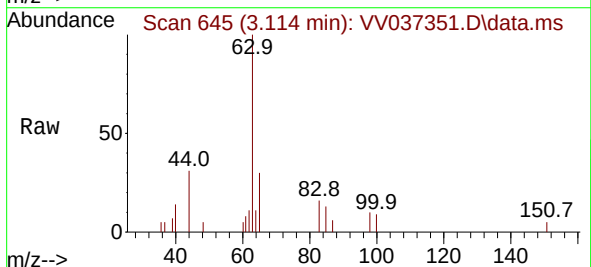
Instrument :
MSVOA_V
ClientSampleId :



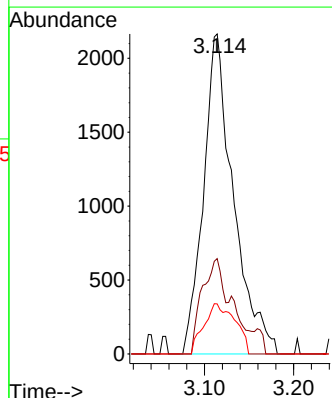
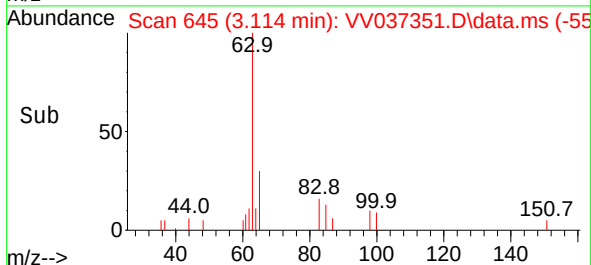
Tgt Ion: 84 Resp: 3476
Ion Ratio Lower Upper
84 100
86 63.3 44.0 81.8
49 121.5 83.0 154.1

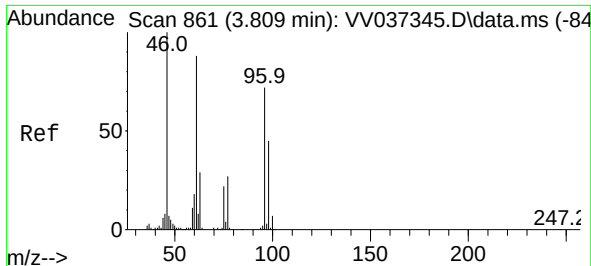


#19
1,1-Dichloroethane
Concen: 0.128 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.006 min
Lab File: VV037351.D
Acq: 18 Sep 2024 23:06



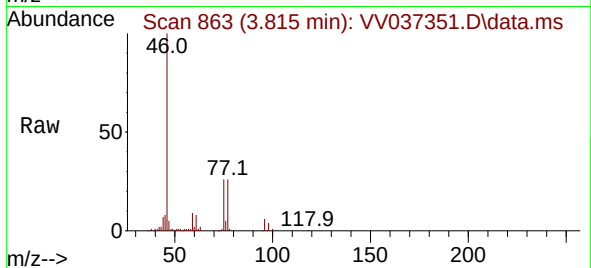
Tgt Ion: 63 Resp: 5052
Ion Ratio Lower Upper
63 100
65 29.8 22.5 41.7
83 15.7 8.9 16.5



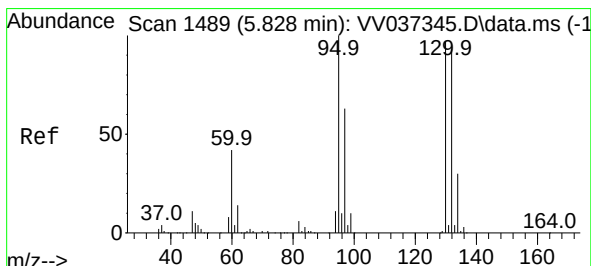
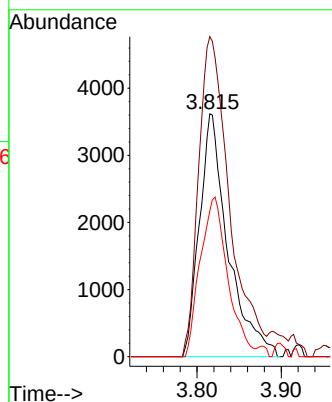
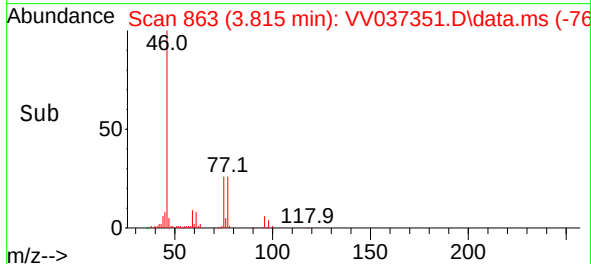


#22
cis-1,2-Dichloroethene
Concen: 0.380 ug/L
RT: 3.815 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV037351.D
Acq: 18 Sep 2024 23:06

Instrument :
MSVOA_V
ClientSampleId :

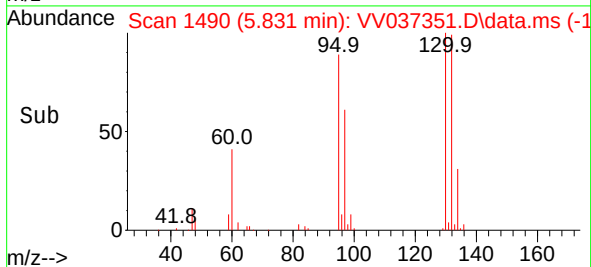
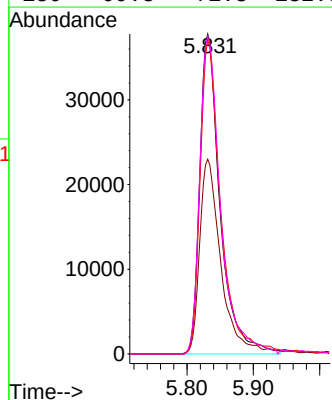
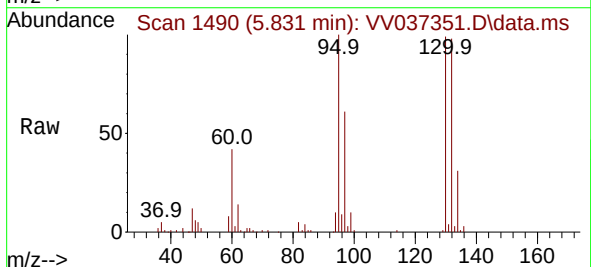


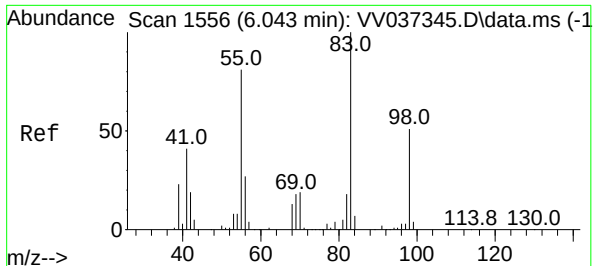
Tgt Ion: 96 Resp: 8518
Ion Ratio Lower Upper
96 100
61 131.8 87.6 162.6
98 60.0 44.9 83.5



#34
Trichloroethene
Concen: 3.405 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV037351.D
Acq: 18 Sep 2024 23:06

Tgt Ion: 95 Resp: 80571
Ion Ratio Lower Upper
95 100
97 60.9 46.5 86.5
132 98.2 65.5 121.7
130 99.3 71.3 132.3





#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037351.D

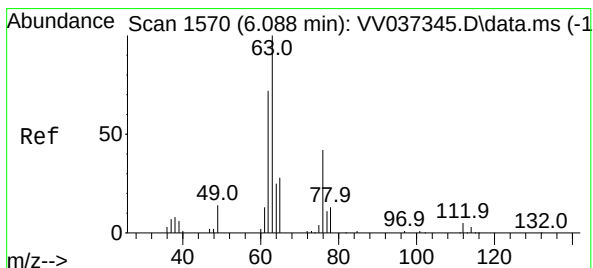
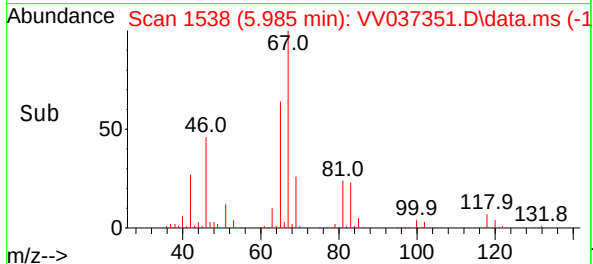
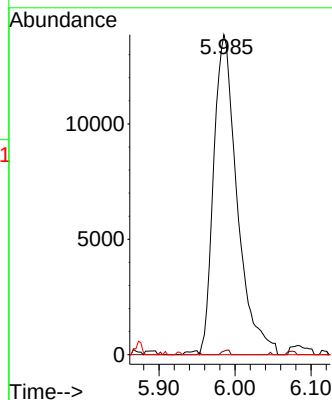
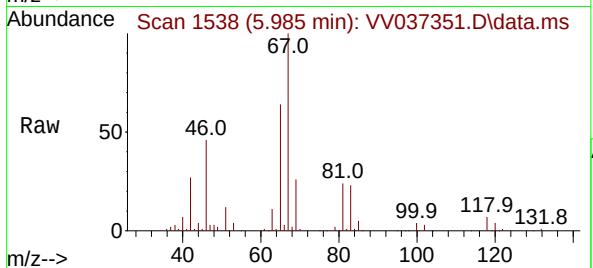
Acq: 18 Sep 2024 23:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	29855
Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.3	90.5#
98	0.0	38.2	57.4#



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

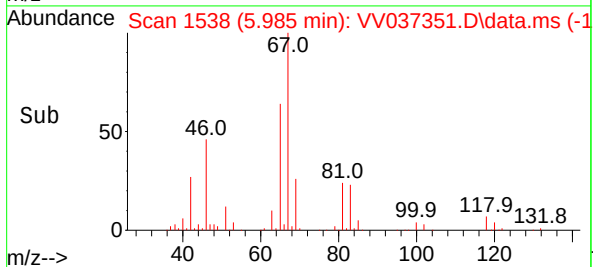
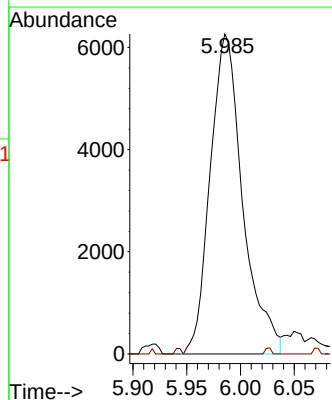
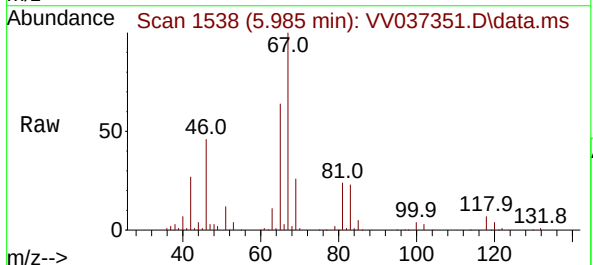
RT: 5.985 min Scan# 1538

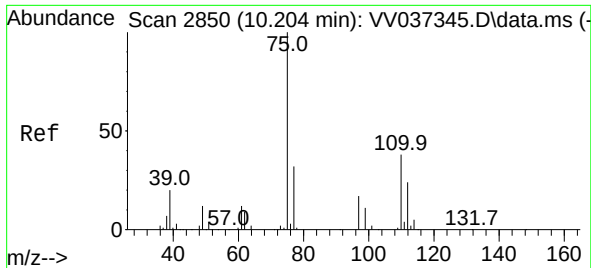
Delta R.T. -0.103 min

Lab File: VV037351.D

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Tgt Ion:	63	Resp:	13158
Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.7	5.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.421 ug/L
 RT: 11.181 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV037351.D
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Tgt Ion: 75	Resp:	16614
Ion Ratio	Lower	Upper
75	100	
77	30.8	25.6 38.4
110	2.6	31.0 46.4#

