

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031054.D
 Acq On : 16 May 2023 15:42
 Operator : SY/MD
 Sample : 02768-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:44:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

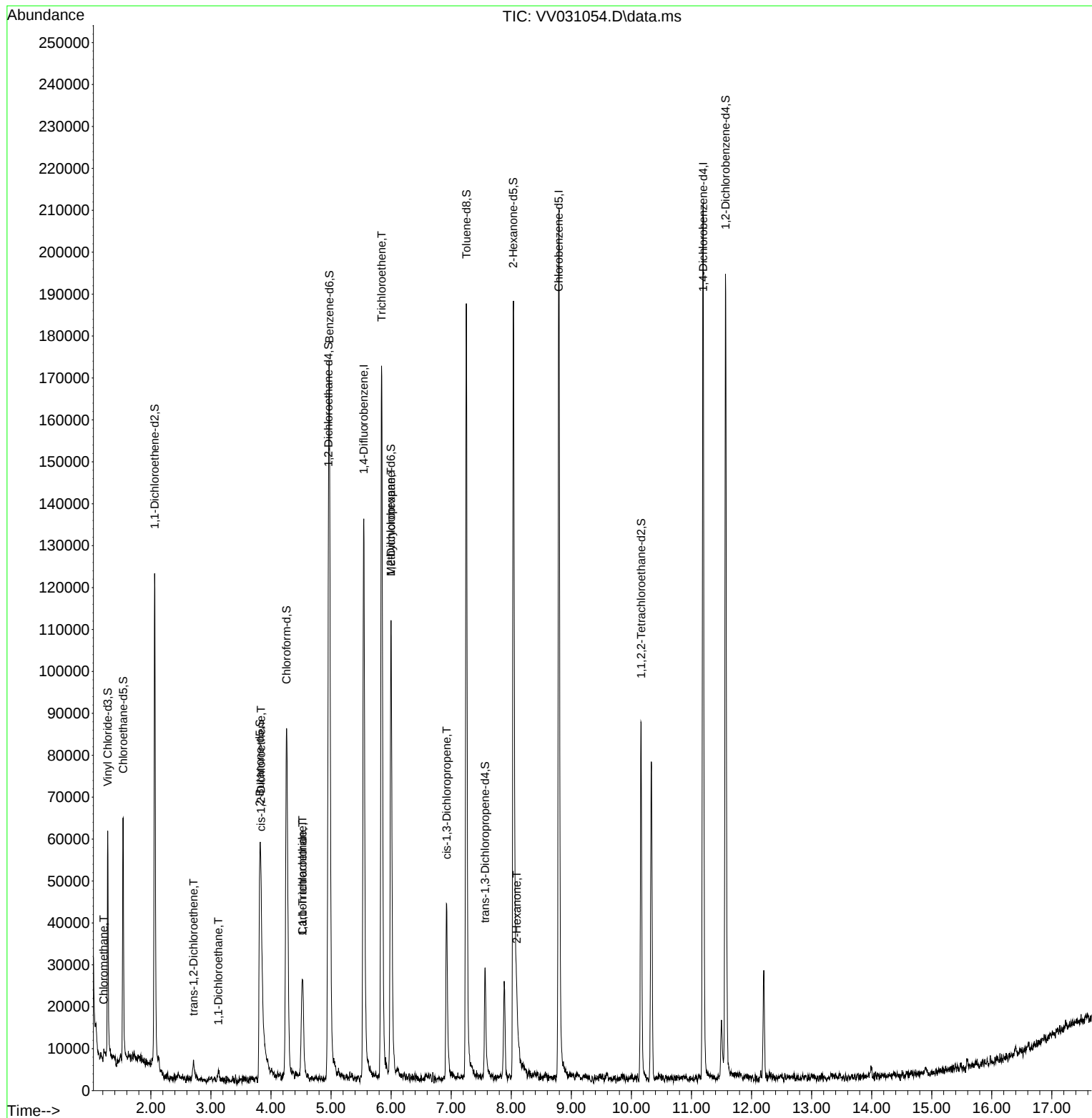
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	117538	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	115762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	35308	3.646	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.539	69	35006	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.063	65	19791	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.815	46	95691	55.723	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.440%
24) Chloroform-d	4.259	84	87667	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	4.957	65	48126	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.973	84	150924	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.998	67	45413	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.252	98	122567	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.564	79	15145	4.095	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.034	63	64385	49.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35274	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	51747	4.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1225	0.112	ug/L	91
18) trans-1,2-Dichloroethene	2.709	96	1075	0.149	ug/L	73
19) 1,1-Dichloroethane	3.124	63	1666	0.119	ug/L #	94
22) cis-1,2-Dichloroethene	3.835	96	7436	0.975	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	20373	1.401	ug/L	98
31) Carbon tetrachloride	4.523	117	2315	0.177	ug/L #	53
34) Trichloroethene	5.841	95	57924	7.462	ug/L	97
35) Methylcyclohexane	5.998	83	12378	1.029	ug/L #	18
39) cis-1,3-Dichloropropene	6.924	75	1488	0.144	ug/L #	34
48) 2-Hexanone	8.092	43	7152	2.606	ug/L #	84

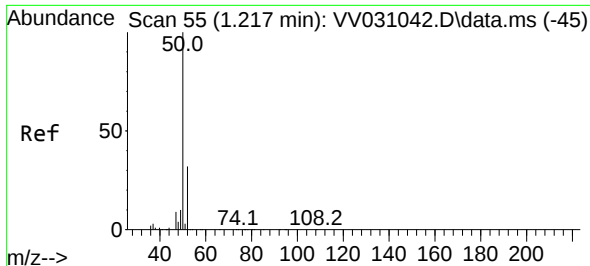
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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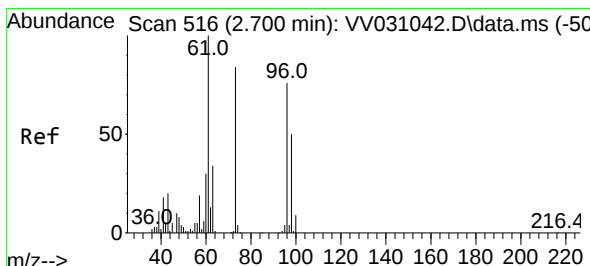
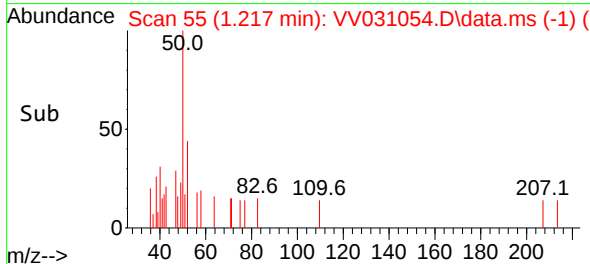
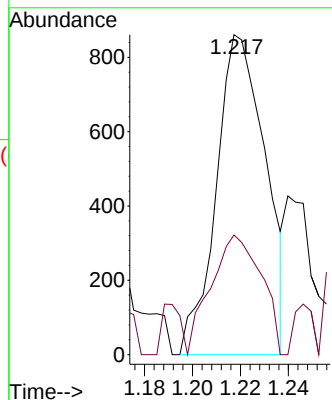
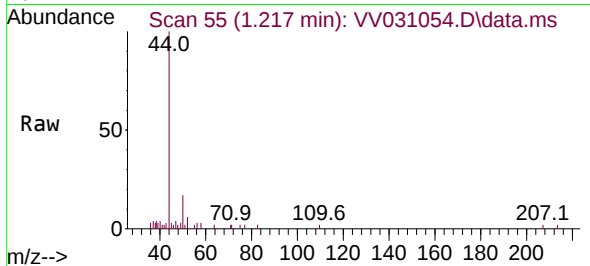




#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031054.D
Acq: 16 May 2023 15:42

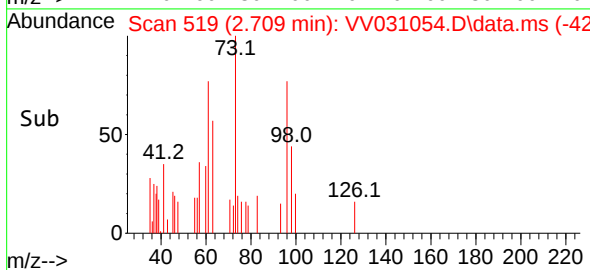
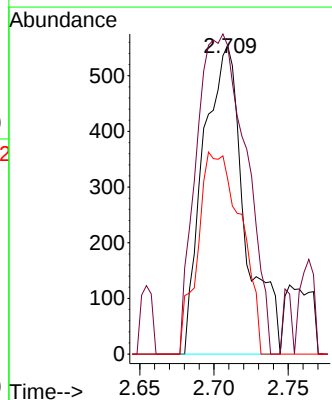
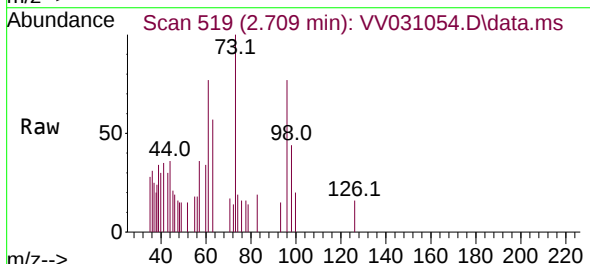
Instrument :
MSVOA_V
ClientSampleId :

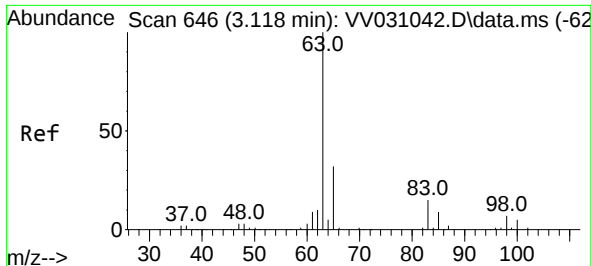
Tgt Ion: 50 Resp: 1225
Ion Ratio Lower Upper
50 100
52 37.4 22.8 42.4



#18
trans-1,2-Dichloroethene
Concen: 0.149 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.010 min
Lab File: VV031054.D
Acq: 16 May 2023 15:42

Tgt Ion: 96 Resp: 1075
Ion Ratio Lower Upper
96 100
61 100.0 98.9 183.7
98 56.7 46.0 85.4

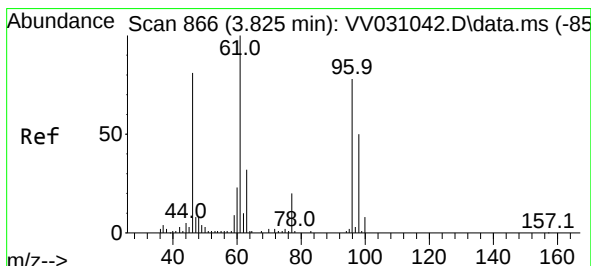
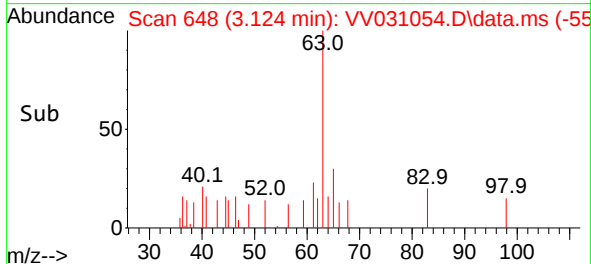
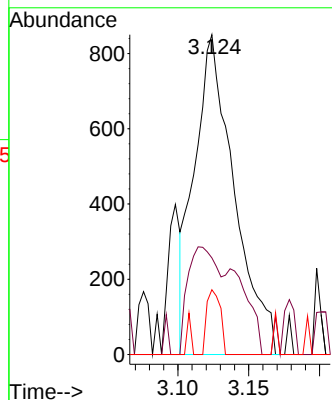
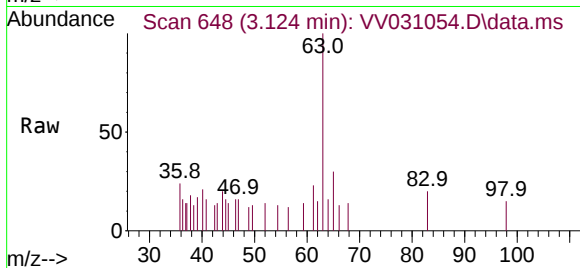




#19
1,1-Dichloroethane
Concen: 0.119 ug/L
RT: 3.124 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV031054.D
Acq: 16 May 2023 15:42

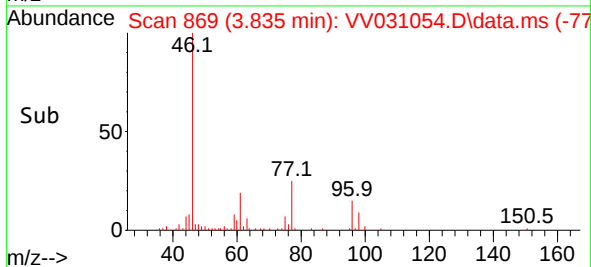
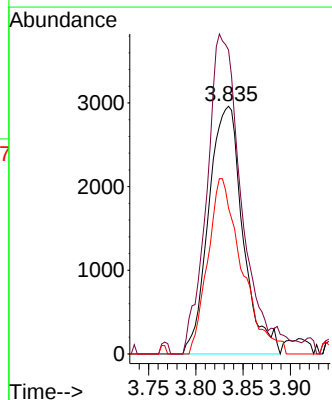
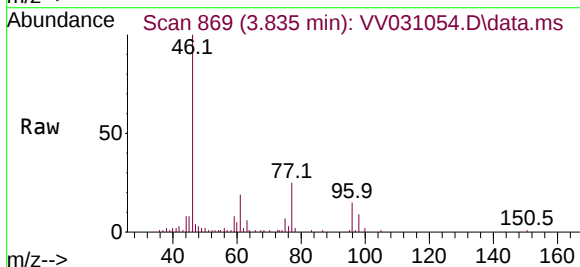
Instrument :
MSVOA_V
ClientSampleId :

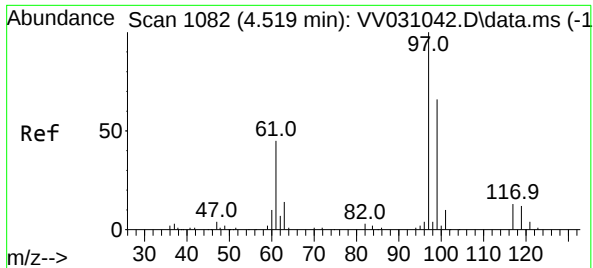
Tgt Ion: 63 Resp: 1666
Ion Ratio Lower Upper
63 100
65 30.2 21.8 40.6
83 20.2 10.2 19.0#



#22
cis-1,2-Dichloroethene
Concen: 0.975 ug/L
RT: 3.835 min Scan# 869
Delta R.T. 0.010 min
Lab File: VV031054.D
Acq: 16 May 2023 15:42

Tgt Ion: 96 Resp: 7436
Ion Ratio Lower Upper
96 100
61 122.7 86.0 159.6
98 58.9 43.2 80.2





#29

1,1,1-Trichloroethane

Concen: 1.401 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV031054.D

Acq: 16 May 2023 15:42

Instrument :

MSVOA_V

ClientSampleId :

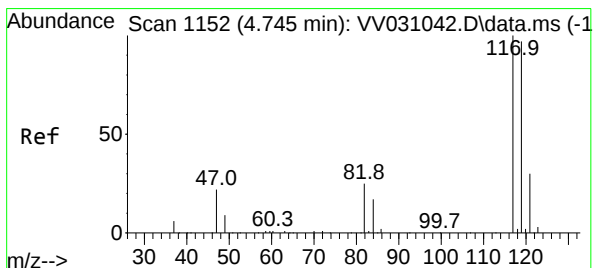
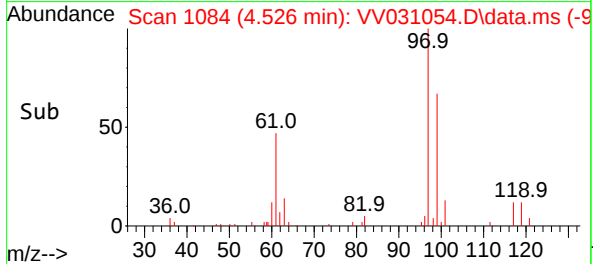
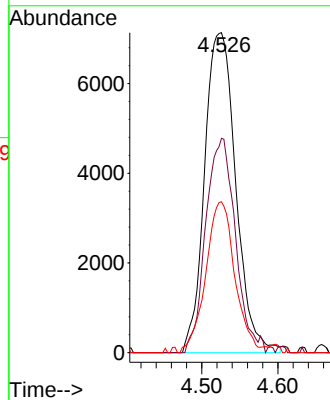
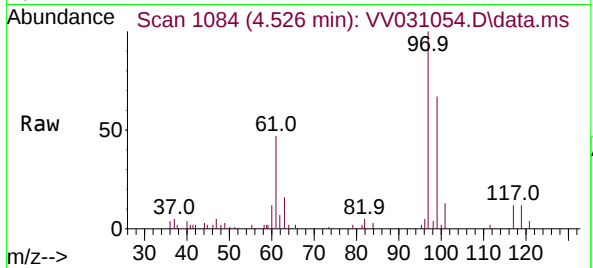
Tgt Ion: 97 Resp: 20373

Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.2

61 43.8 37.4 56.0



#31

Carbon tetrachloride

Concen: 0.177 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.222 min

Lab File: VV031054.D

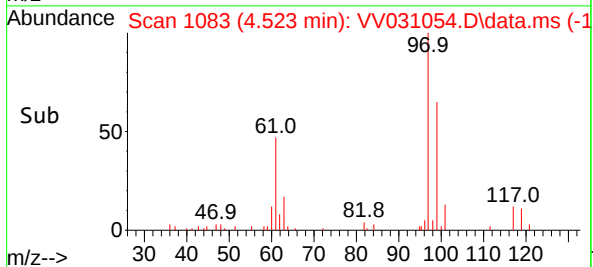
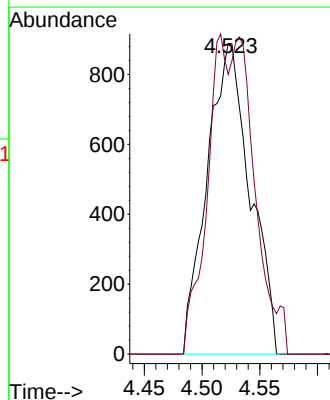
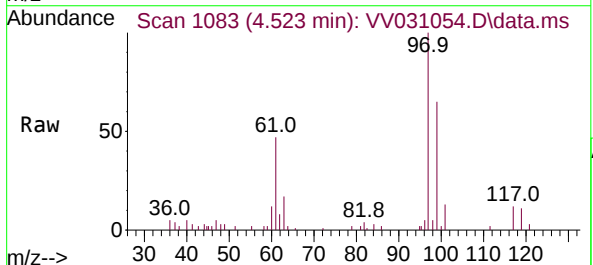
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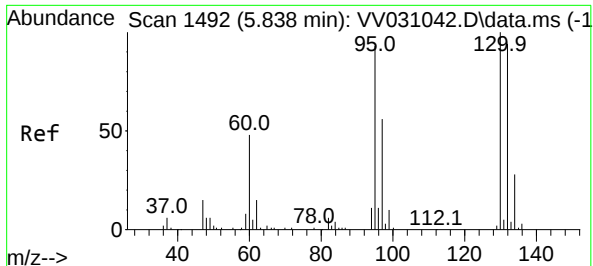
Tgt Ion: 117 Resp: 2315

Ion Ratio Lower Upper

117 100

119 51.1 78.4 117.6#

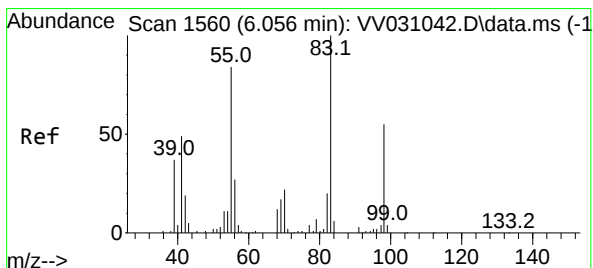
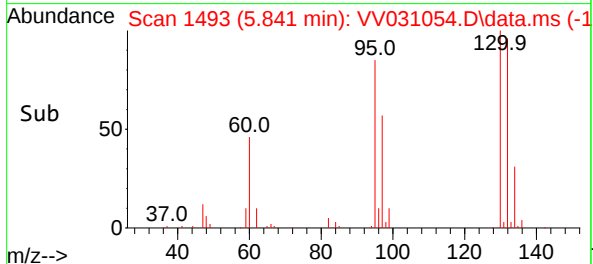
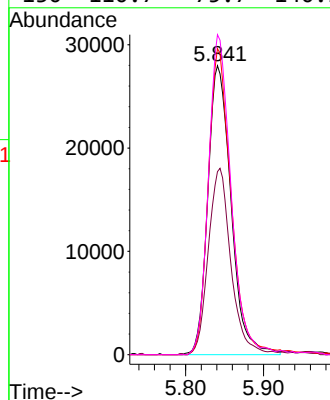
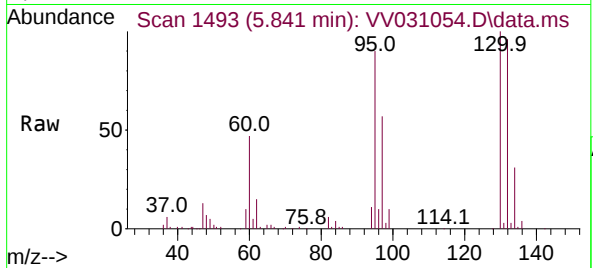




#34
Trichloroethene
Concen: 7.462 ug/L
RT: 5.841 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031054.D
Acq: 16 May 2023 15:42

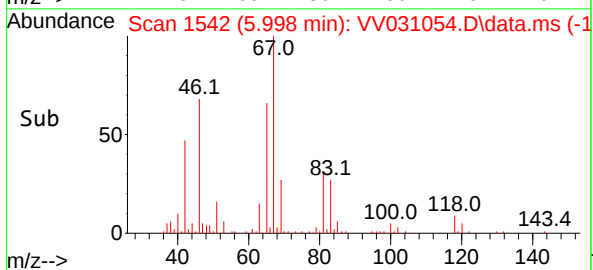
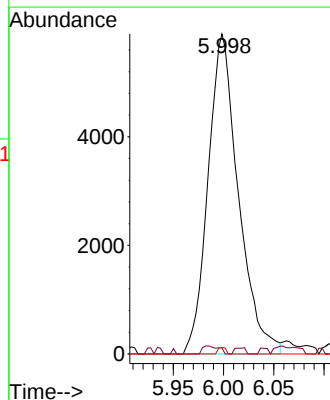
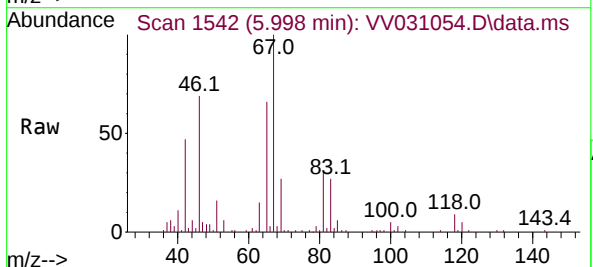
Instrument :
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ClientSampleId :

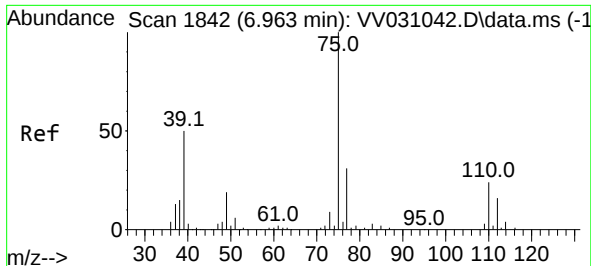
Tgt Ion:	95	Resp:	57924
Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.2	85.8
132	105.9	72.7	135.1
130	110.7	75.7	140.5



#35
Methylcyclohexane
Concen: 1.029 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031054.D
Acq: 16 May 2023 15:42

Tgt Ion:	83	Resp:	12378
Ion	Ratio	Lower	Upper
83	100		
55	1.3	62.9	94.3#
98	0.5	40.5	60.7#





#39

cis-1,3-Dichloropropene

Concen: 0.144 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV031054.D

Acq: 16 May 2023 15:42

Instrument :

MSVOA_V

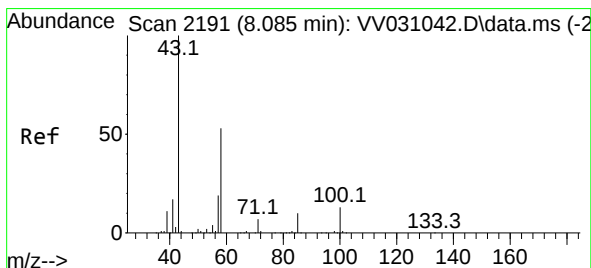
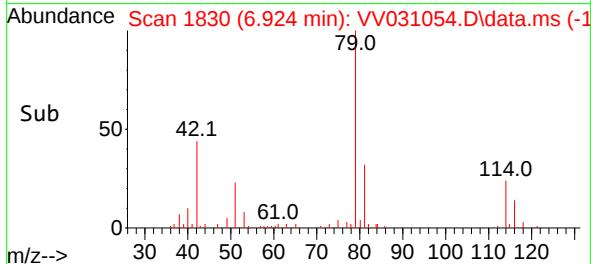
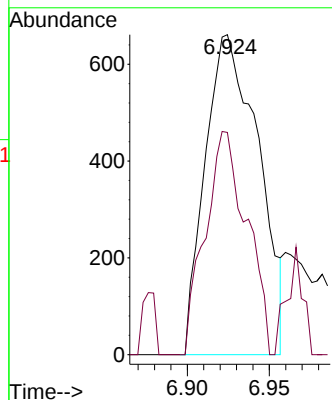
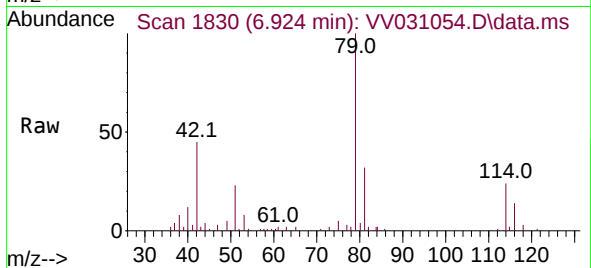
ClientSampleId :

Tgt Ion: 75 Resp: 1488

Ion Ratio Lower Upper

75 100

77 69.4 22.6 42.0#



#48

2-Hexanone

Concen: 2.606 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.006 min

Lab File: VV031054.D

Acq: 16 May 2023 15:42

Tgt Ion: 43 Resp: 7152

Ion Ratio Lower Upper

43 100

58 38.2 39.9 59.9#

57 11.6 14.1 21.1#

100 5.6 9.7 14.5#

