

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029844.D
 Acq On : 14 Jan 2023 05:53
 Operator : SY/MD
 Sample : 01149-07 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL57

Quant Time: Jan 14 08:34:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

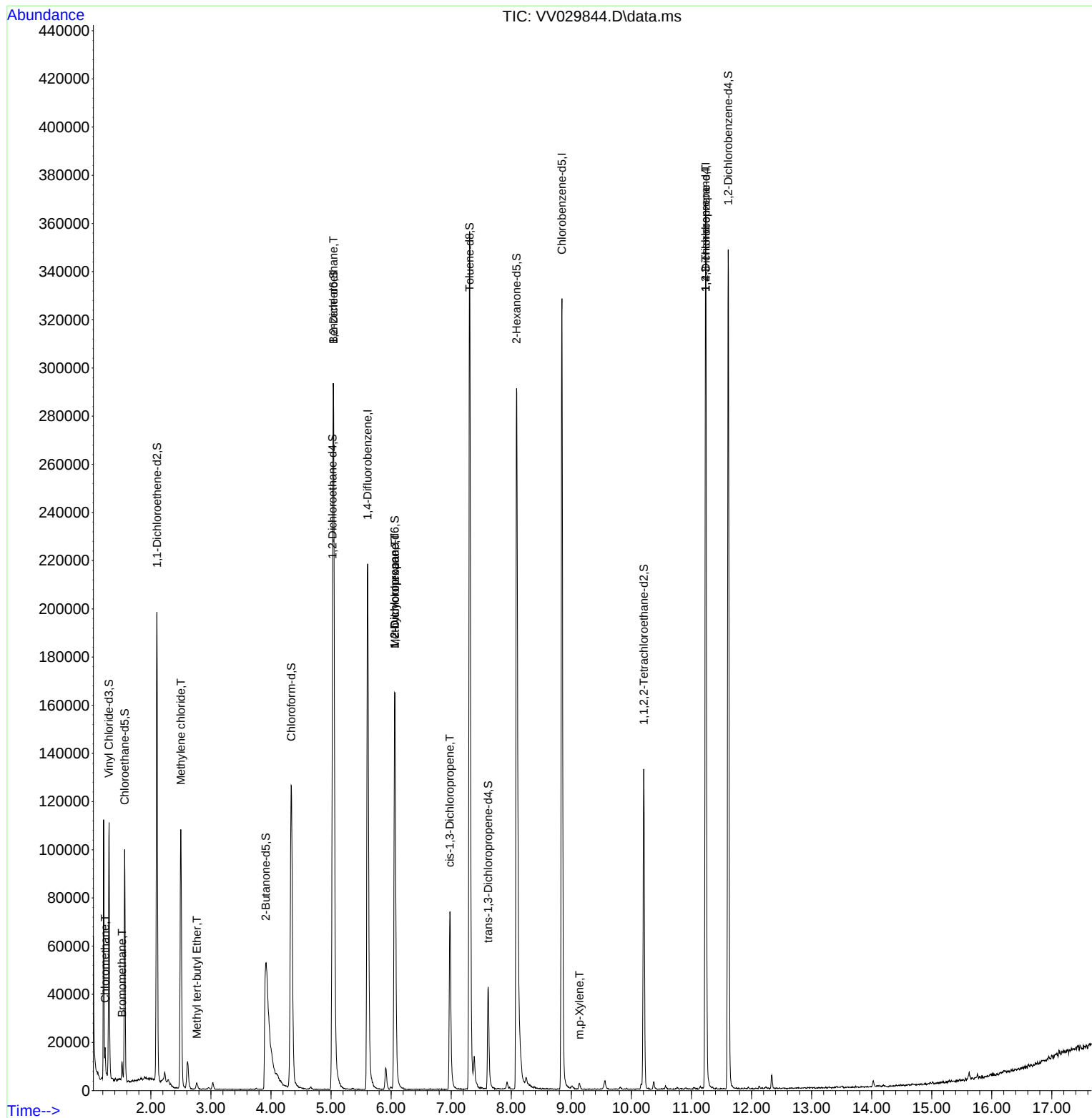
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	201840	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	198037	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	103522	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68020	4.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.564	69	63555	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.101	63	100438	3.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.912	46	146560	54.012	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.020%
24) Chloroform-d	4.336	84	139820	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.024	65	63687	5.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.040	84	294942	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.059	67	88835	5.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.307	98	252577	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.616	79	28040	4.466	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	134316	52.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.080%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67614	5.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	97117	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	8341	0.422	ug/L	99
6) Bromomethane	1.519	94	3645	0.386	ug/L	94
16) Methylene chloride	2.500	84	49047	2.291	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	2674	0.090	ug/L #	69
27) 1,2-Dichloroethane	5.040	62	1327	0.094	ug/L #	71
35) Methylcyclohexane	6.063	83	21185	0.756	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	9392	0.613	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2079	0.101	ug/L #	40
53) m,p-Xylene	9.136	106	1004	0.034	ug/L	95
61) 1,2,3-Trichloropropane	11.236	75	11264	1.469	ug/L #	65

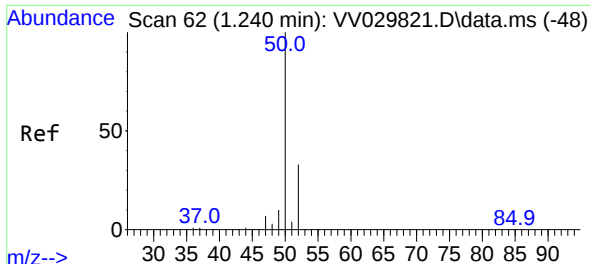
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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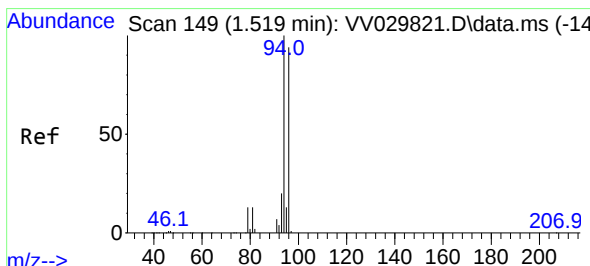
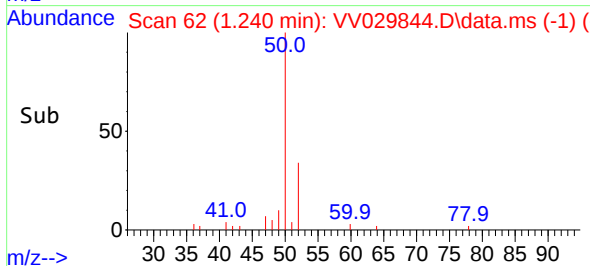
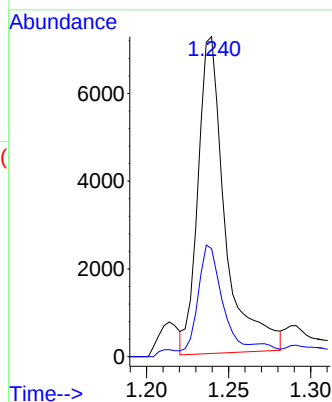
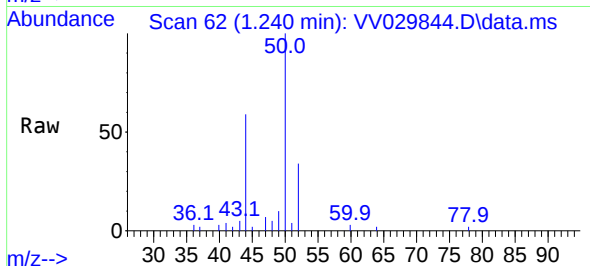




#3
Chloromethane
Concen: 0.422 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029844.D
Acq: 14 Jan 2023 05:53

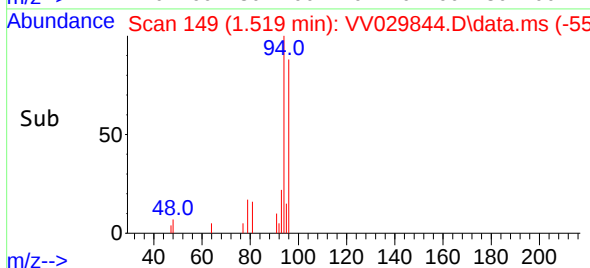
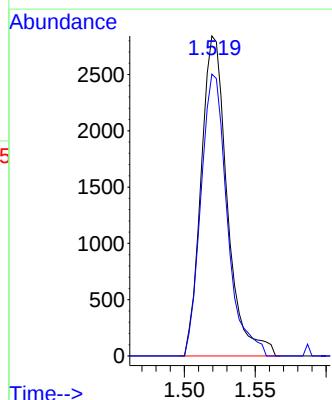
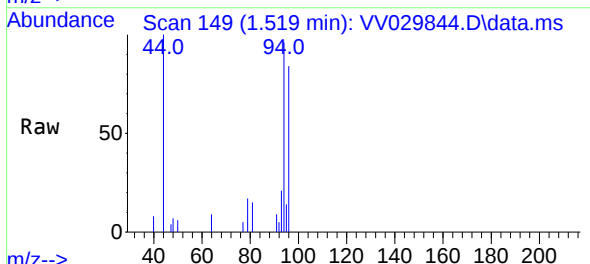
Instrument :
MSVOA_V
ClientSampleId :
COL57

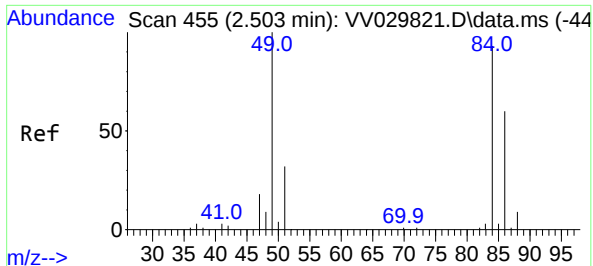
Tgt Ion: 50 Resp: 8341
Ion Ratio Lower Upper
50 100
52 33.8 23.1 42.9



#6
Bromomethane
Concen: 0.386 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029844.D
Acq: 14 Jan 2023 05:53

Tgt Ion: 94 Resp: 3645
Ion Ratio Lower Upper
94 100
96 88.1 65.9 122.5

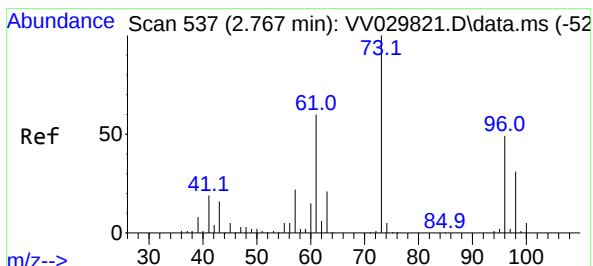
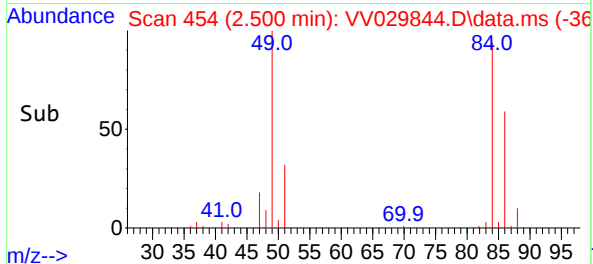
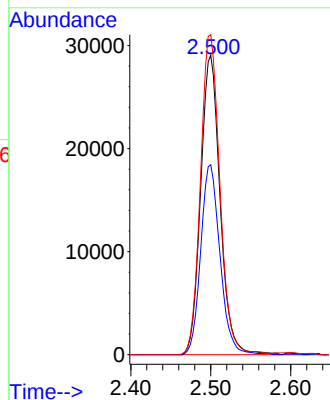
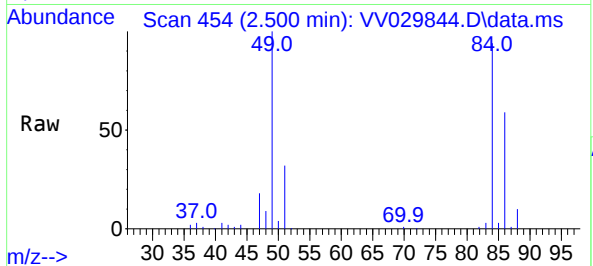




#16
Methylene chloride
Concen: 2.291 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029844.D
Acq: 14 Jan 2023 05:53

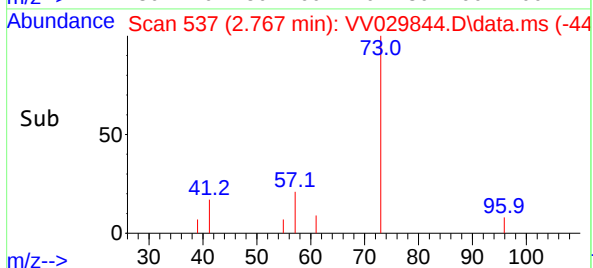
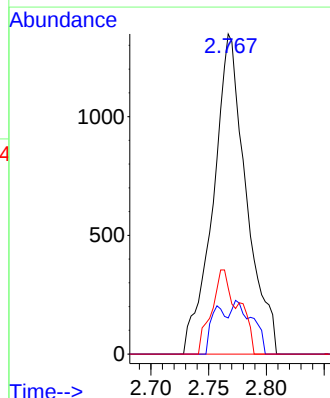
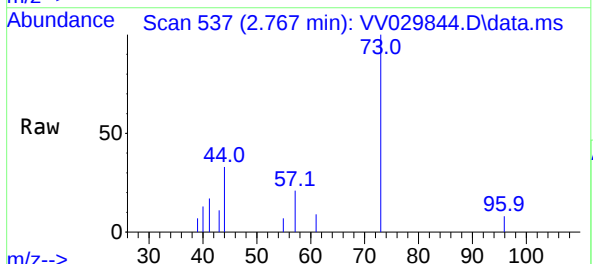
Instrument :
MSVOA_V
ClientSampleId :
COL57

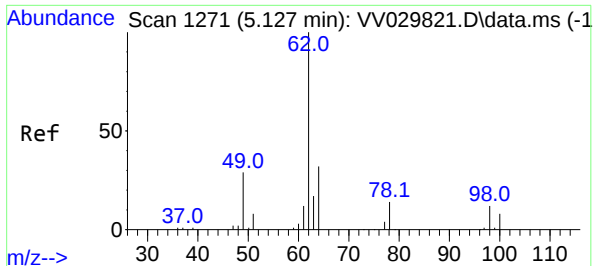
Tgt Ion: 84 Resp: 49047
Ion Ratio Lower Upper
84 100
86 63.5 45.0 83.6
49 106.9 71.5 132.7



#17
Methyl tert-butyl Ether
Concen: 0.090 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029844.D
Acq: 14 Jan 2023 05:53

Tgt Ion: 73 Resp: 2674
Ion Ratio Lower Upper
73 100
43 10.7 13.0 19.4#
57 0.0 17.1 25.7#

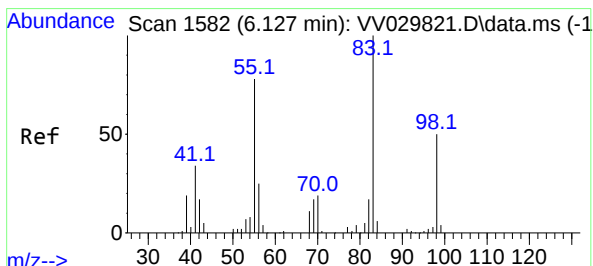
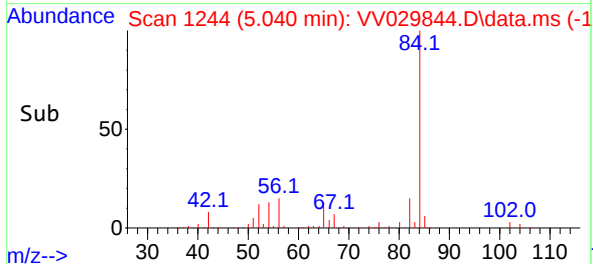
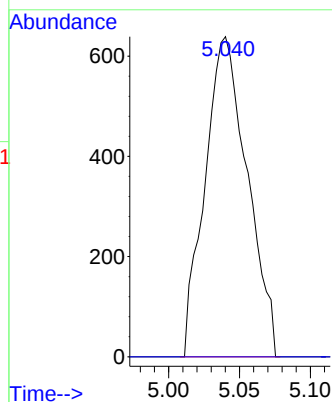
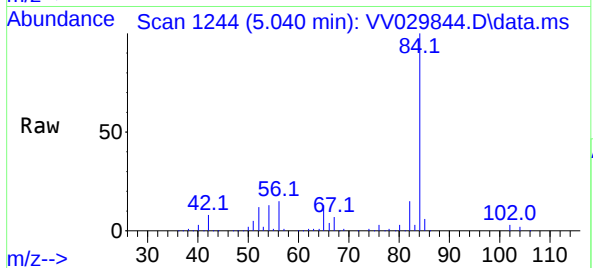




#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.081 min
Lab File: VV029844.D
Acq: 14 Jan 2023 05:53

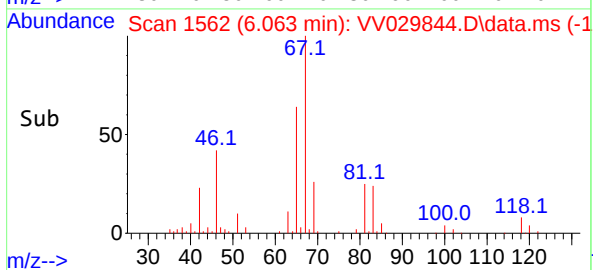
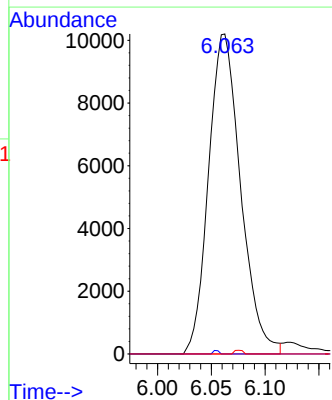
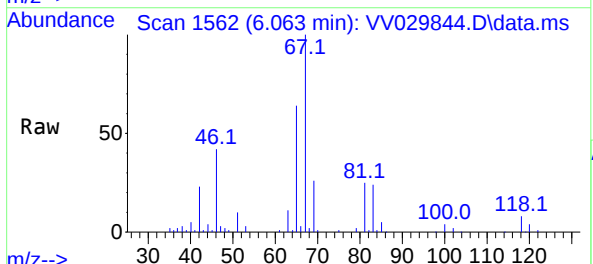
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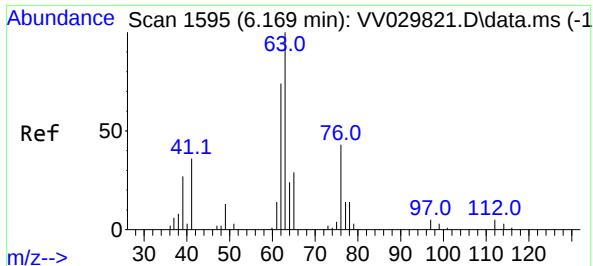
Tgt Ion: 62 Resp: 1327
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029844.D
Acq: 14 Jan 2023 05:53

Tgt Ion: 83 Resp: 21185
Ion Ratio Lower Upper
83 100
55 0.2 57.3 85.9#
98 0.3 39.0 58.6#

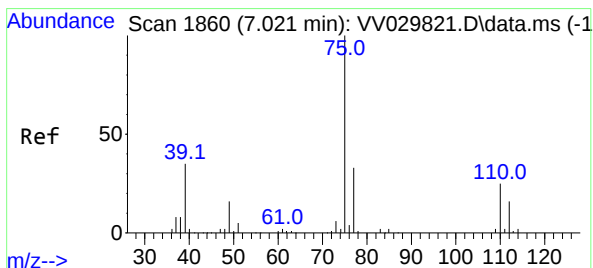
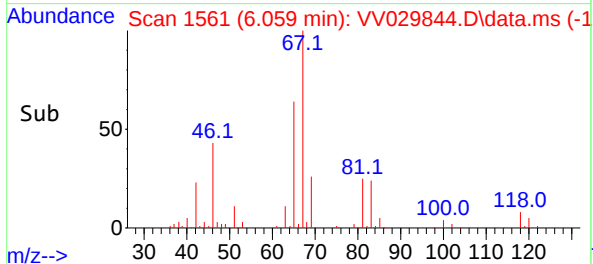
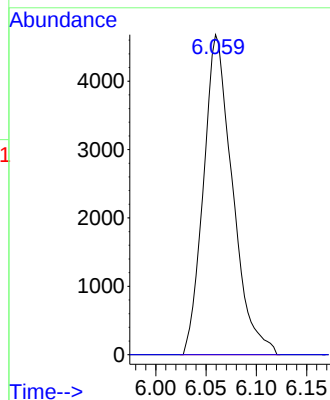
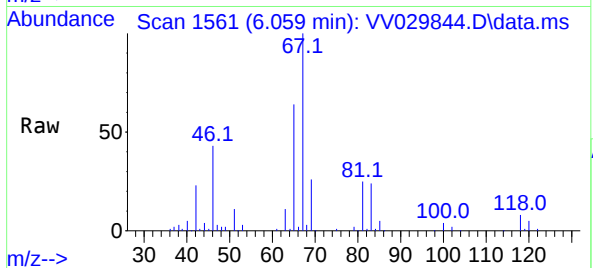




#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.059 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV029844.D
Acq: 14 Jan 2023 05:53

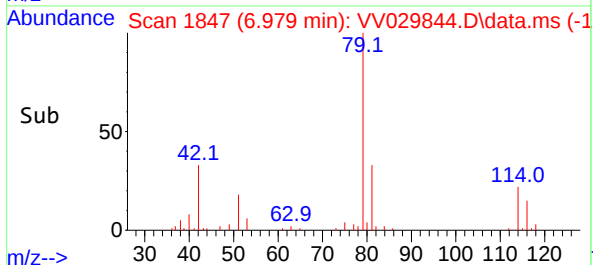
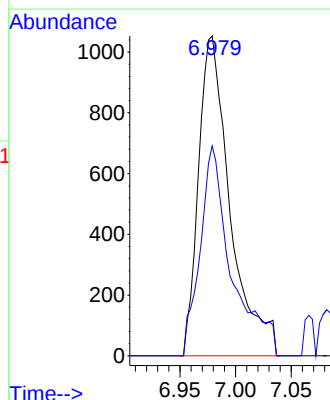
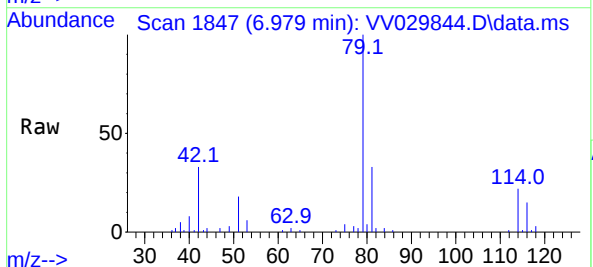
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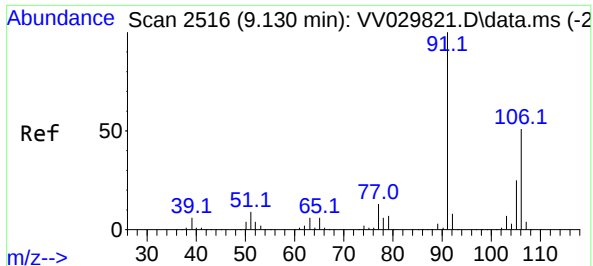
Tgt Ion: 63 Resp: 9392
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.039 min
Lab File: VV029844.D
Acq: 14 Jan 2023 05:53

Tgt Ion: 75 Resp: 2079
Ion Ratio Lower Upper
75 100
77 65.6 22.4 41.6#





#53

m,p-Xylene

Concen: 0.034 ug/L

RT: 9.136 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV029844.D

Acq: 14 Jan 2023 05:53

Instrument :

MSVOA_V

ClientSampleId :

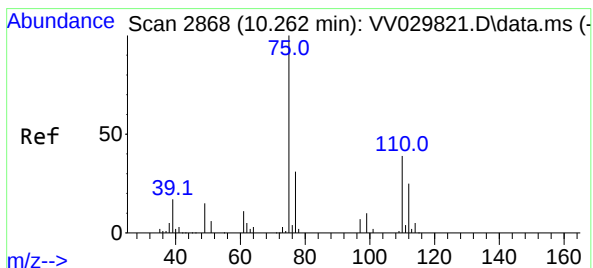
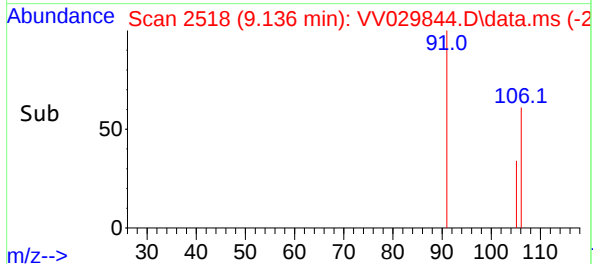
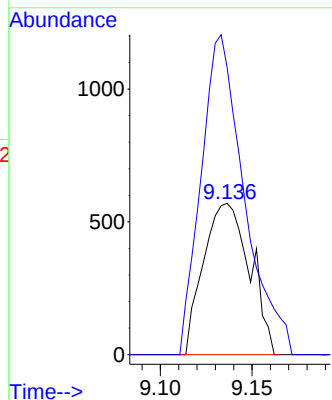
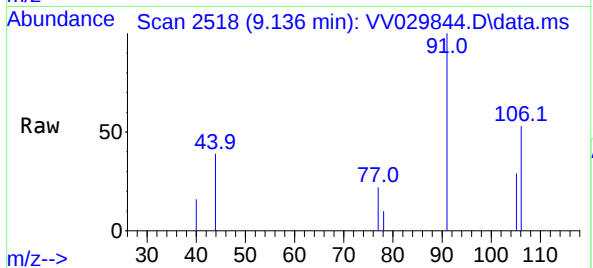
COL57

Tgt Ion:106 Resp: 1004

Ion Ratio Lower Upper

106 100

91 190.0 138.7 257.7



#61

1,2,3-Trichloropropane

Concen: 1.469 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029844.D

Acq: 14 Jan 2023 05:53

Tgt Ion: 75 Resp: 11264

Ion Ratio Lower Upper

75 100

77 35.2 26.5 39.7

110 1.7 31.8 47.8#

