

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029883.D
 Acq On : 16 Jan 2023 17:59
 Operator : SY/MD
 Sample : 01168-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jan 17 00:39:30 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

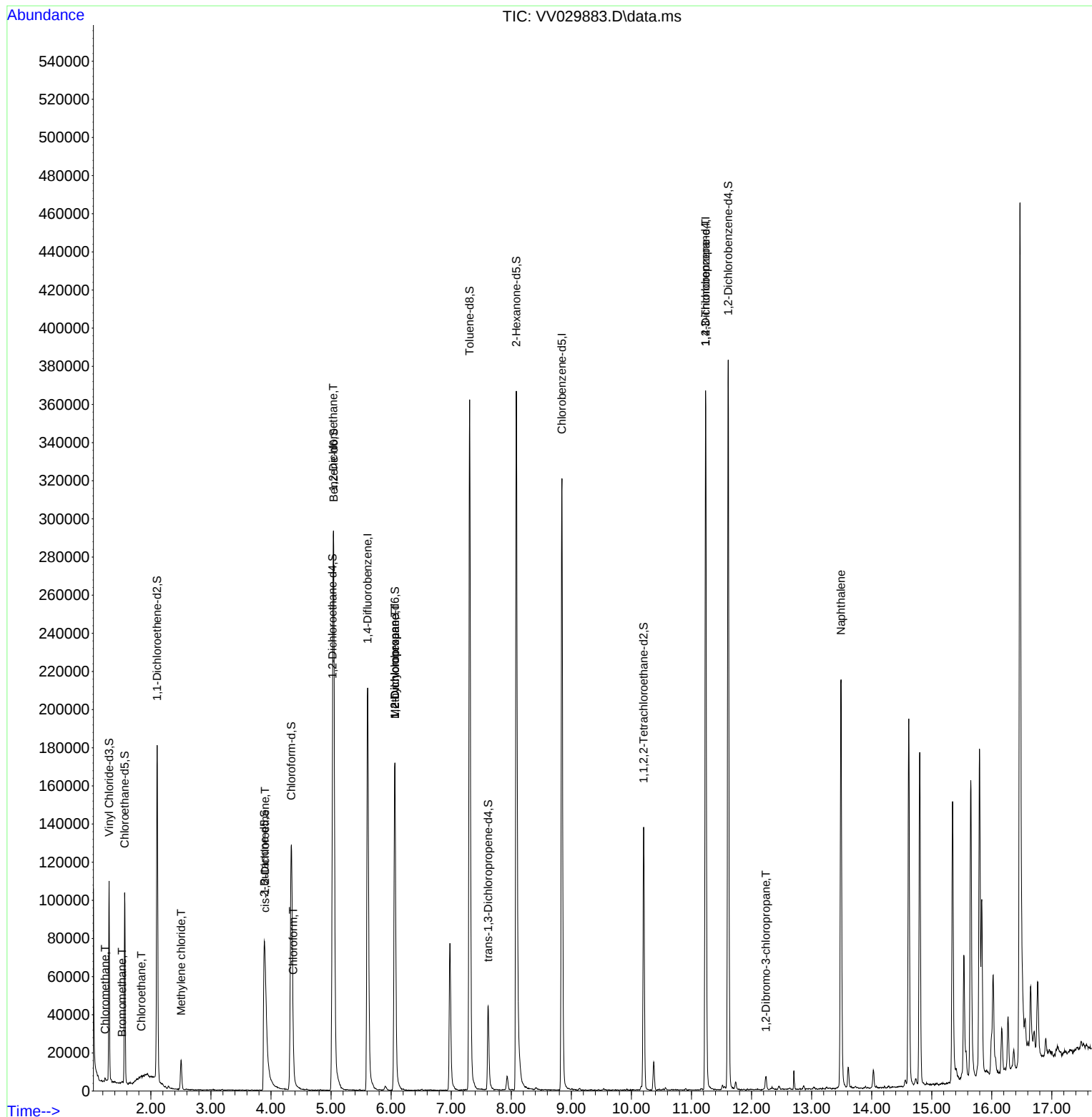
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	204016	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	192224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	102484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64224	4.150	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.565	69	63626	4.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.105	63	89152	3.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.889	46	162964	59.417	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.840%
24) Chloroform-d	4.339	84	144954	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.024	65	63896	5.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.044	84	300813	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.063	67	93996	5.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%
41) Toluene-d8	7.307	98	260560	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.616	79	29578	4.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.085	63	151438	61.034	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.060%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70193	5.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	103616	5.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	917	0.046	ug/L	97
6) Bromomethane	1.520	94	478	0.050	ug/L	97
8) Chloroethane	1.841	64	15972	1.343	ug/L #	53
16) Methylene chloride	2.503	84	6676	0.308	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	2046	0.119	ug/L	94
25) Chloroform	4.368	83	7453	0.253	ug/L	100
27) 1,2-Dichloroethane	5.037	62	1439	0.101	ug/L #	71
35) Methylcyclohexane	6.063	83	22673	0.834	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9274	0.623	ug/L #	85
61) 1,2,3-Trichloropropane	11.236	75	11418	1.505	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.239	75	244	0.136	ug/L #	1
71) Naphthalene	13.490	128	183017	6.752	ug/L	99

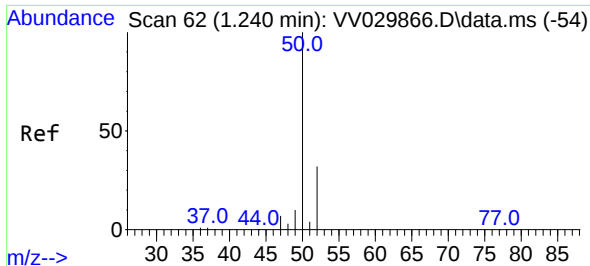
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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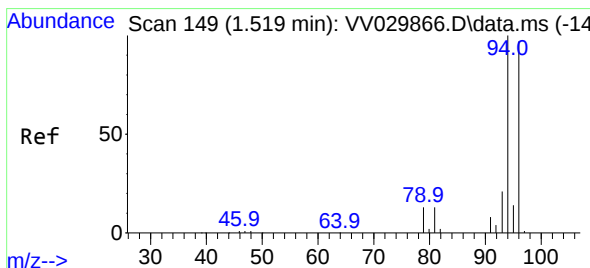
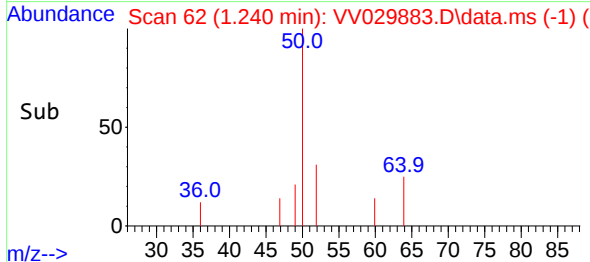
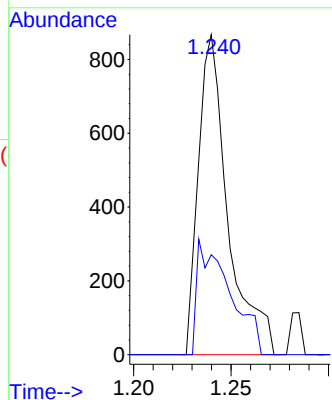
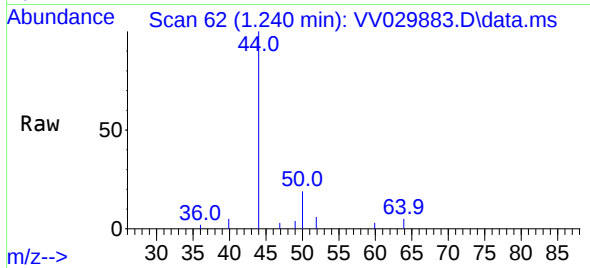




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029883.D
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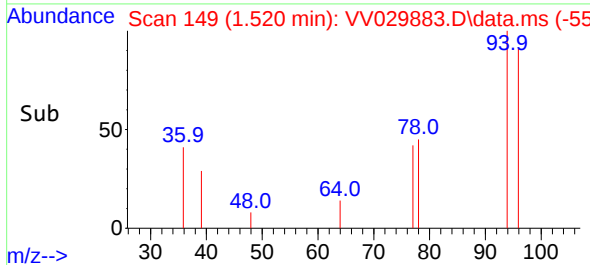
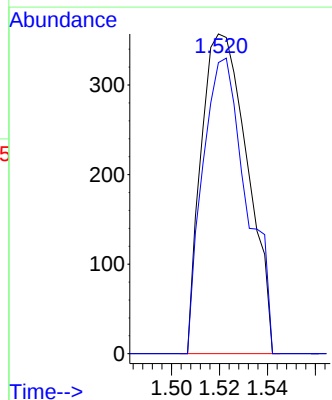
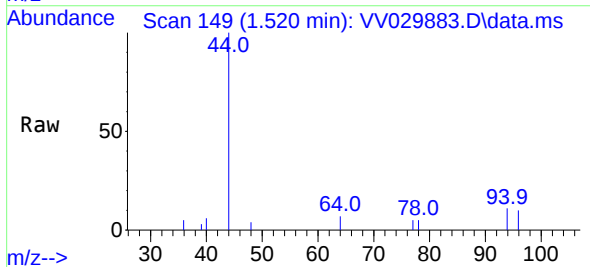
Instrument :
MSVOA_V
ClientSampleId :
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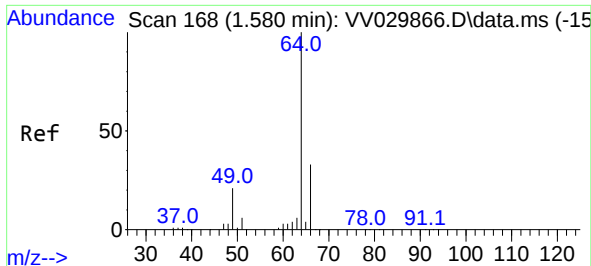
Tgt Ion: 50 Resp: 917
Ion Ratio Lower Upper
50 100
52 31.3 23.1 42.9



#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029883.D
Acq: 16 Jan 2023 17:59

Tgt Ion: 94 Resp: 478
Ion Ratio Lower Upper
94 100
96 91.0 65.9 122.5

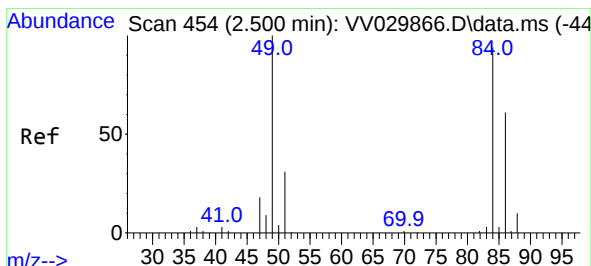
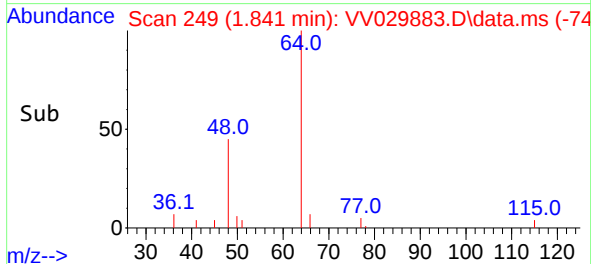
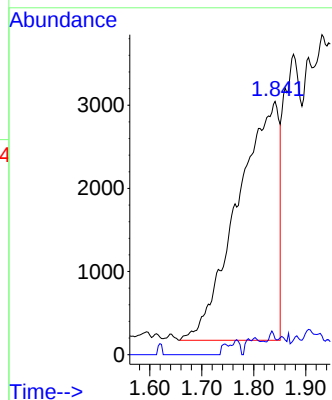
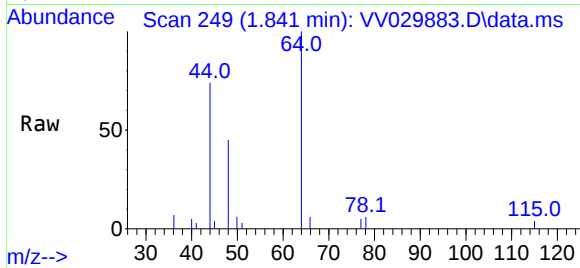




#8
Chloroethane
Concen: 1.343 ug/L
RT: 1.841 min Scan# 24
Delta R.T. 0.264 min
Lab File: VV029883.D
Acq: 16 Jan 2023 17:59

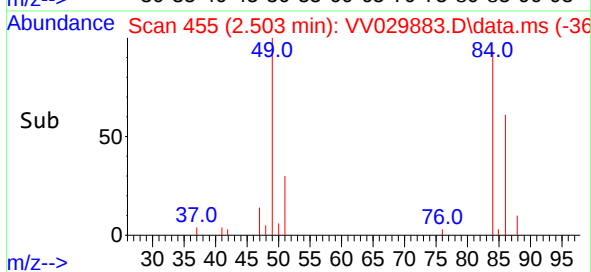
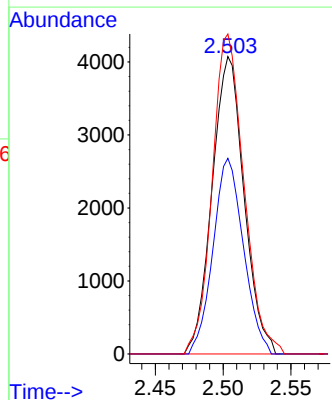
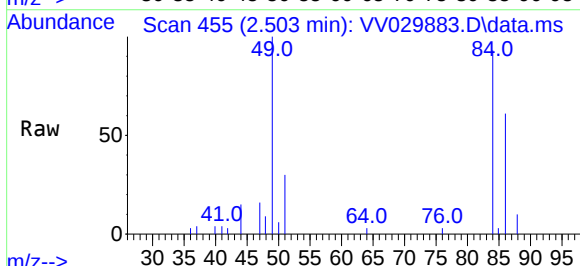
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

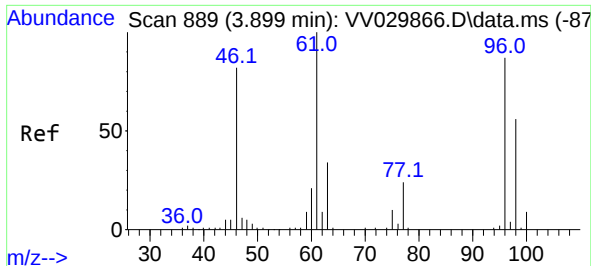
Tgt Ion: 64 Resp: 15972
Ion Ratio Lower Upper
64 100
66 6.3 22.9 42.5#



#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029883.D
Acq: 16 Jan 2023 17:59

Tgt Ion: 84 Resp: 6676
Ion Ratio Lower Upper
84 100
86 65.8 45.0 83.6
49 107.6 71.5 132.7

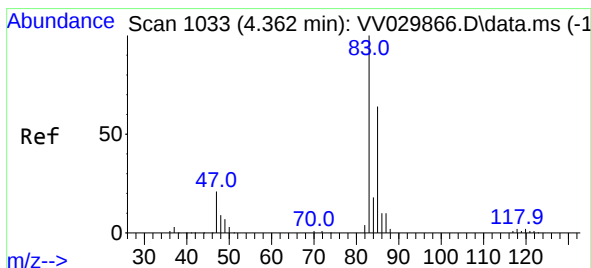
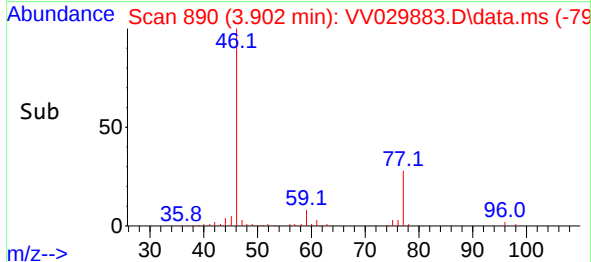
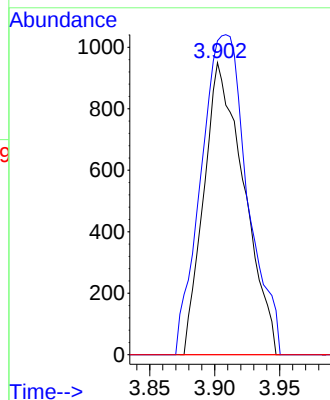
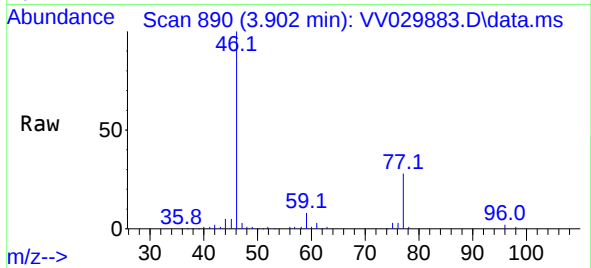




#22
cis-1,2-Dichloroethene
Concen: 0.119 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029883.D
Acq: 16 Jan 2023 17:59

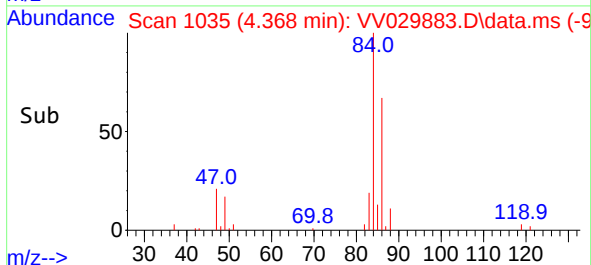
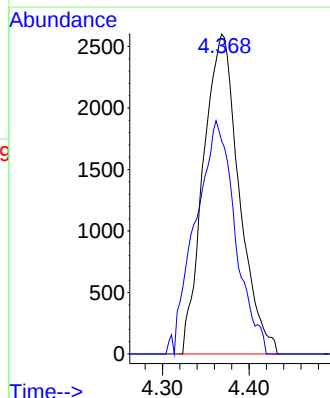
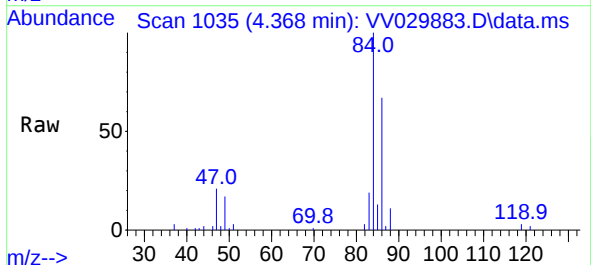
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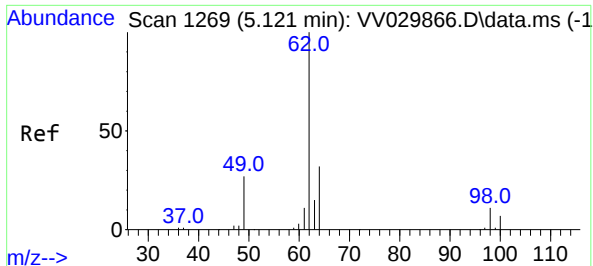
Tgt Ion:	96	Resp:	2046
Ion	Ratio	Lower	Upper
96	100		
61	107.5	80.0	148.6
68	0.0	0.0	0.0



#25
Chloroform
Concen: 0.253 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV029883.D
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Tgt Ion:	83	Resp:	7453
Ion	Ratio	Lower	Upper
83	100		
85	66.6	46.5	86.5

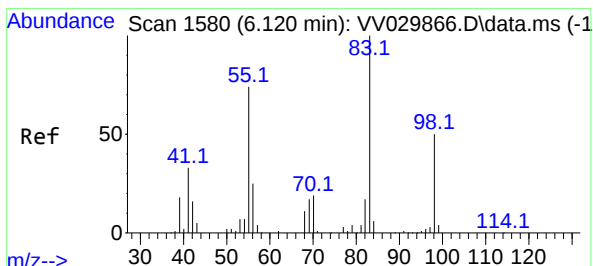
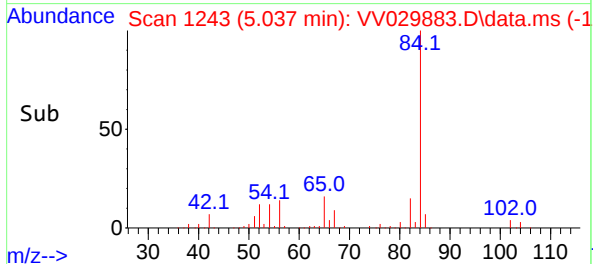
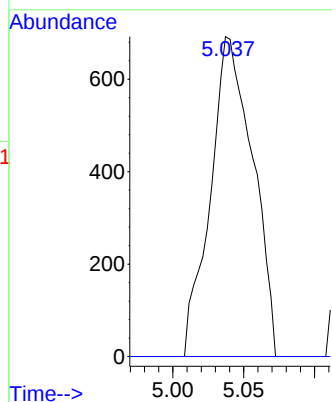
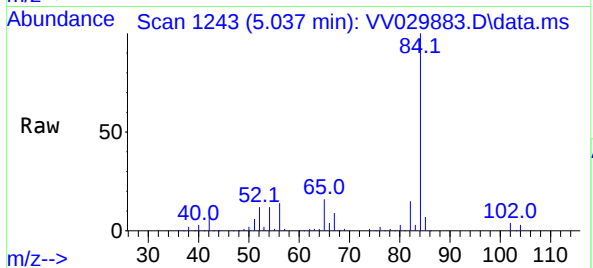




#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.037 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV029883.D
Acq: 16 Jan 2023 17:59

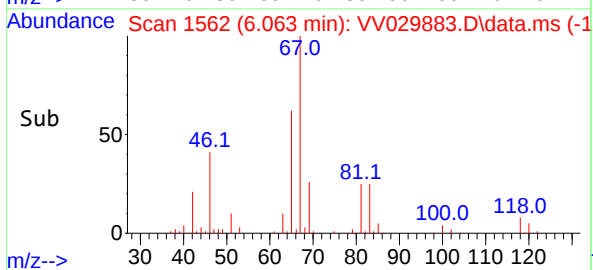
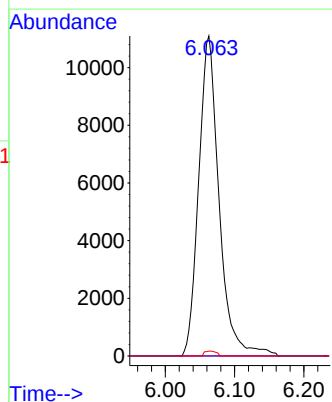
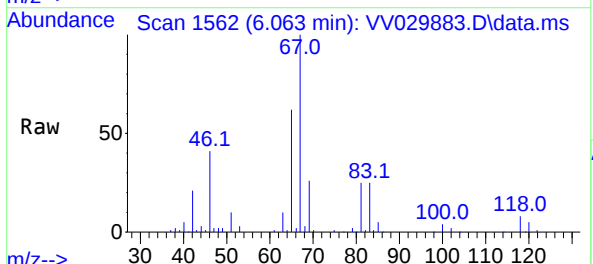
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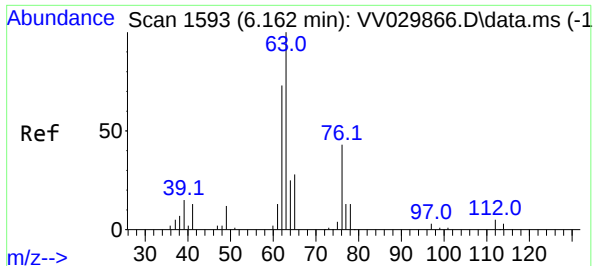
Tgt Ion: 62 Resp: 1439
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029883.D
Acq: 16 Jan 2023 17:59

Tgt Ion: 83 Resp: 22673
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.9 39.0 58.6#

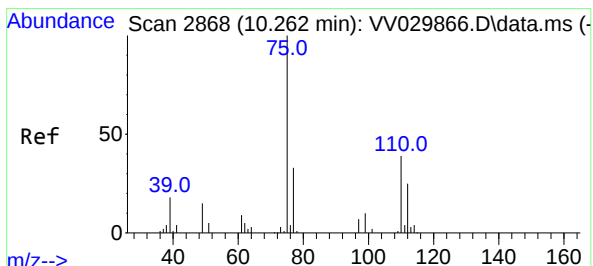
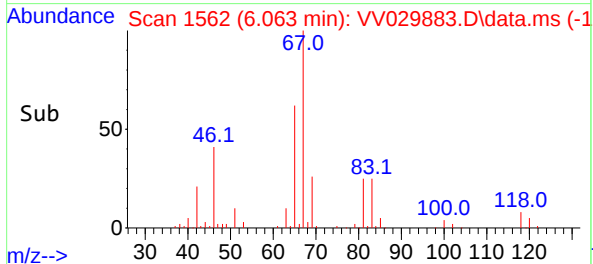
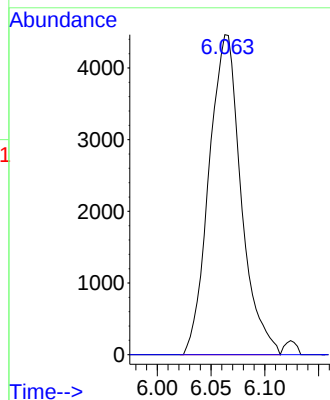
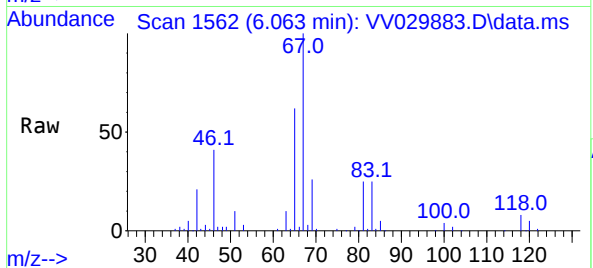




#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029883.D
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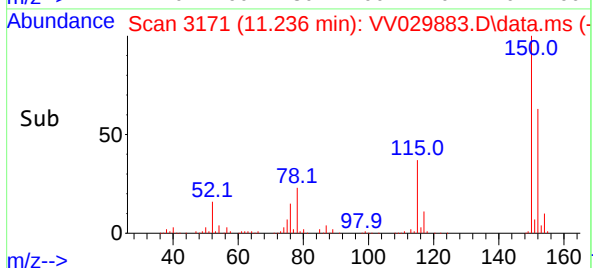
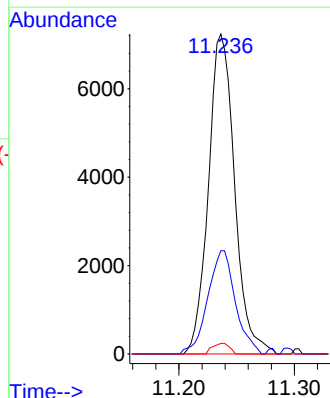
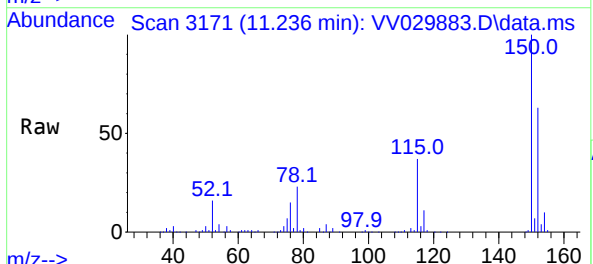
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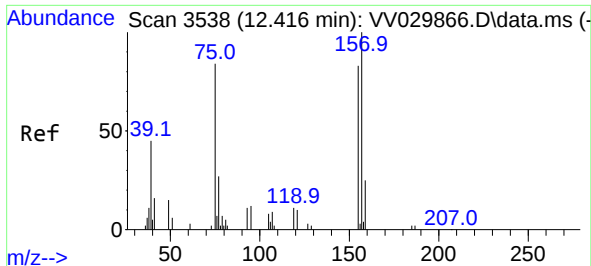
Tgt Ion: 63 Resp: 9274
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#61
1,2,3-Trichloropropane
Concen: 1.505 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029883.D
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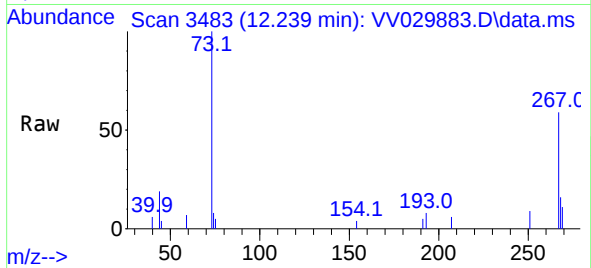
Tgt Ion: 75 Resp: 11418
Ion Ratio Lower Upper
75 100
77 33.9 26.5 39.7
110 2.1 31.8 47.8#



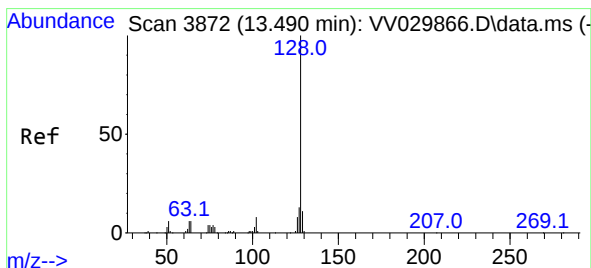
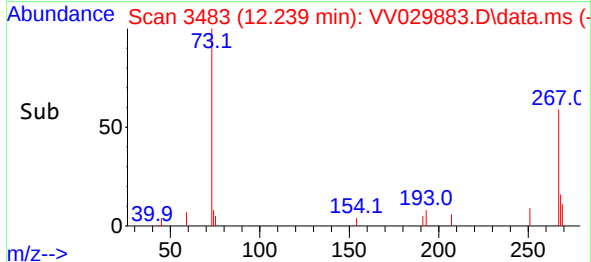
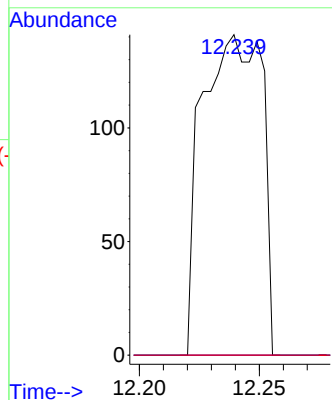


#68
1,2-Dibromo-3-chloropropane
Concen: 0.136 ug/L
RT: 12.239 min Scan# 34
Delta R.T. -0.177 min
Lab File: VV029883.D
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Tgt Ion: 75 Resp: 244
Ion Ratio Lower Upper
75 100
155 0.0 75.5 113.3#
157 0.0 99.2 148.8#



#71
Naphthalene
Concen: 6.752 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. 0.000 min
Lab File: VV029883.D
Acq: 16 Jan 2023 17:59

Tgt Ion:128 Resp: 183017
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.2 10.0 15.0

