

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028177.D
 Acq On : 29 Sep 2022 11:21
 Operator : SY/MD
 Sample : N4856-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Sep 30 01:46:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

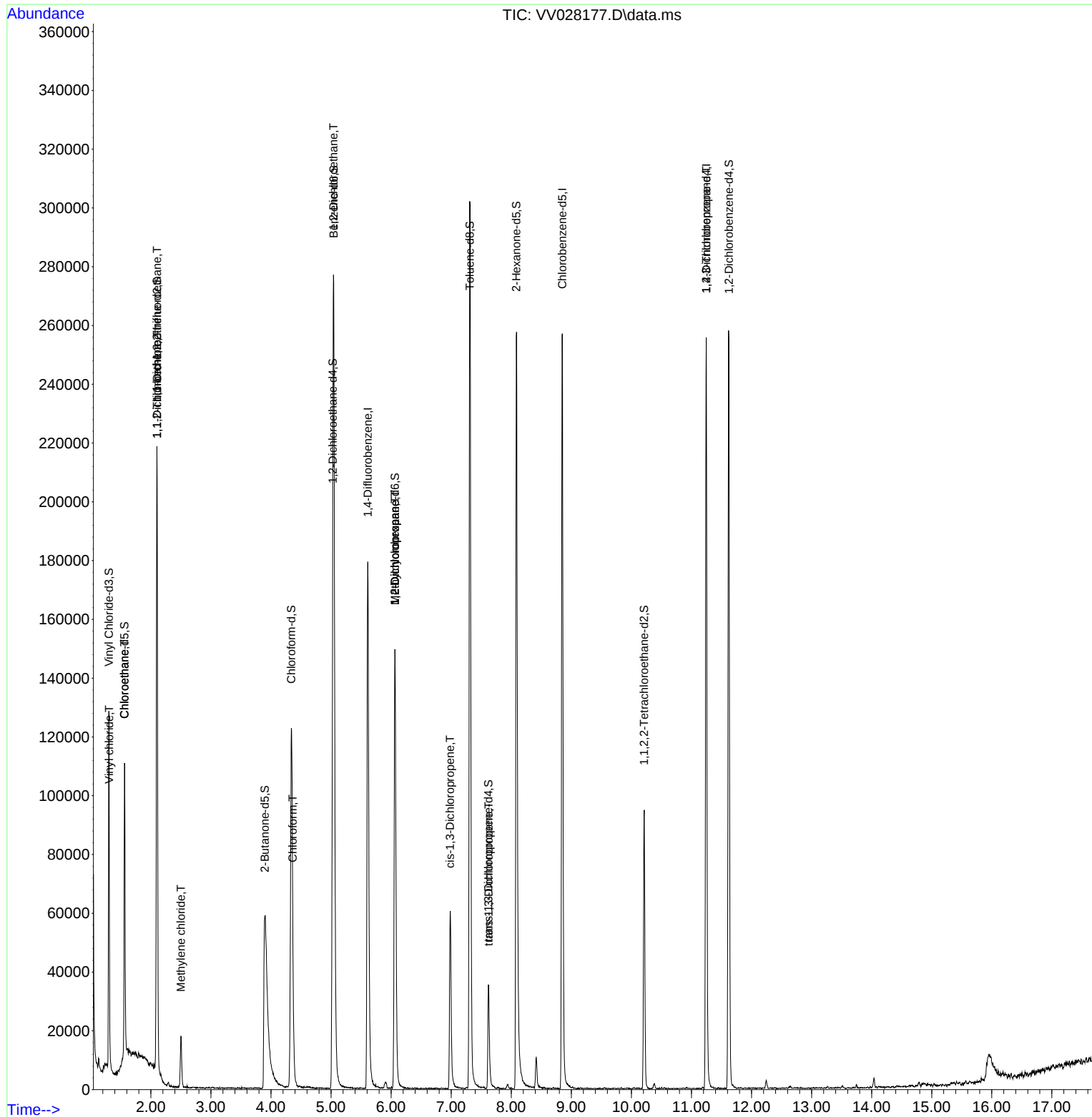
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	166665	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72663	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	79399	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.561	69	63825	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.101	63	107252	3.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.896	46	130541	44.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.500%
24) Chloroform-d	4.339	84	132154	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.027	65	60327	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.043	84	265951	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.063	67	75827	4.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.310	98	212449	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.619	79	22726	3.859	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.085	63	99357	40.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44726	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	73733	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
5) Vinyl chloride	1.307	62	637	0.049	ug/L #	1
8) Chloroethane	1.561	64	17238	1.989	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1280	0.108	ug/L #	20
12) 1,1-Dichloroethene	2.105	96	1126	0.098	ug/L #	1
16) Methylene chloride	2.500	84	7657	0.596	ug/L	81
25) Chloroform	4.362	83	4577	0.194	ug/L	82
27) 1,2-Dichloroethane	5.040	62	1578	0.125	ug/L #	76
35) Methylcyclohexane	6.063	83	18717	1.238	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8157	0.657	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1520	0.099	ug/L #	61
44) trans-1,3-Dichloropropene	7.625	75	1029	0.078	ug/L #	76
61) 1,2,3-Trichloropropane	11.246	75	6264	1.028	ug/L #	60

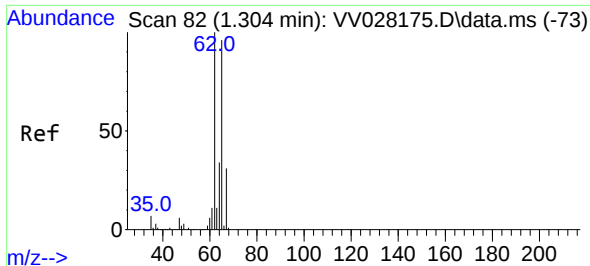
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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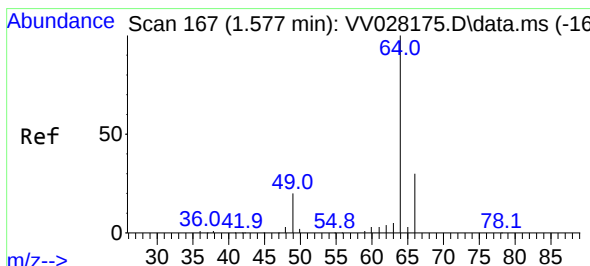
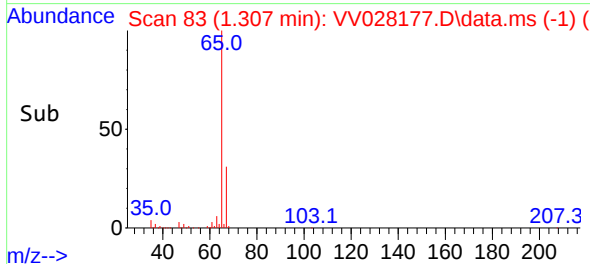
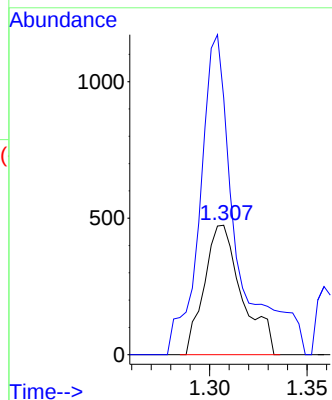
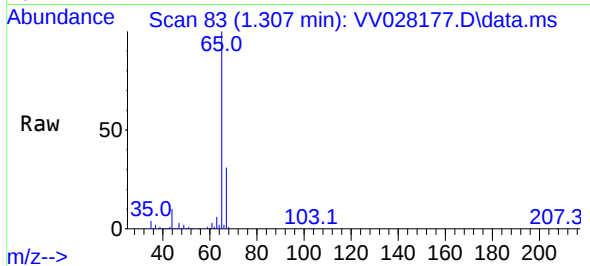




#5
 Vinyl chloride
 Concen: 0.049 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028177.D
 Acq: 29 Sep 2022 11:21

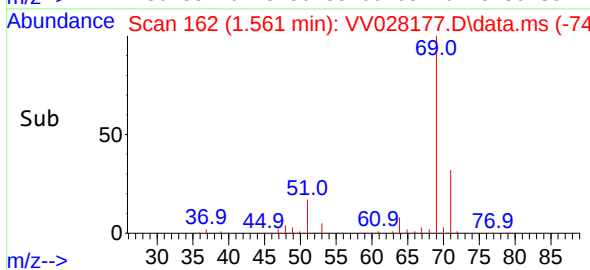
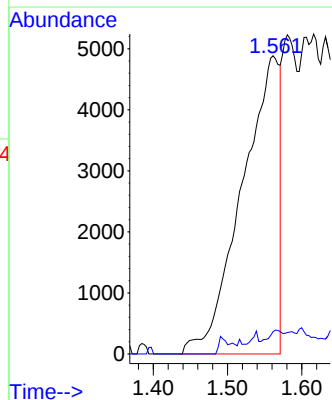
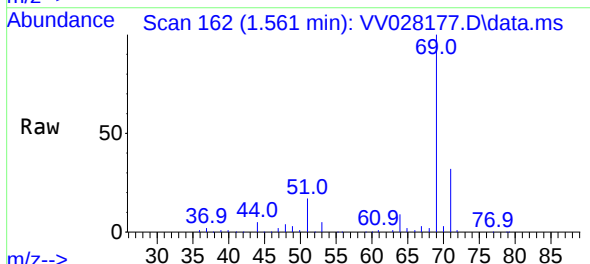
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

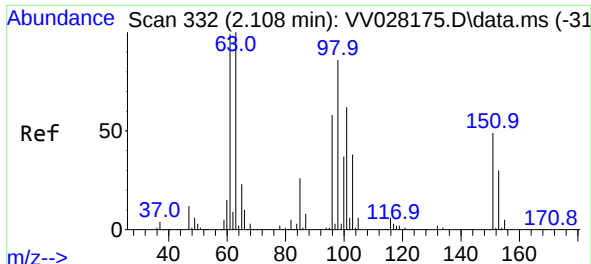
Tgt Ion: 62 Resp: 637
 Ion Ratio Lower Upper
 62 100
 64 198.3 23.0 42.8#



#8
 Chloroethane
 Concen: 1.989 ug/L
 RT: 1.561 min Scan# 162
 Delta R.T. -0.016 min
 Lab File: VV028177.D
 Acq: 29 Sep 2022 11:21

Tgt Ion: 64 Resp: 17238
 Ion Ratio Lower Upper
 64 100
 66 7.5 23.0 42.8#

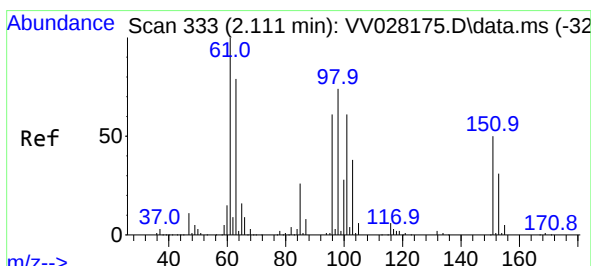
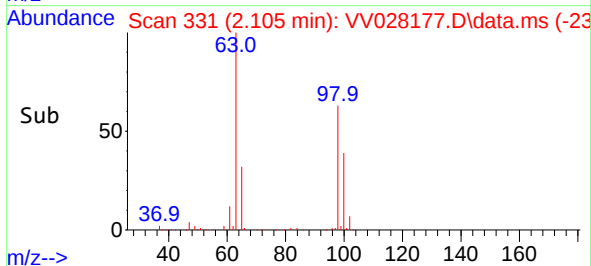
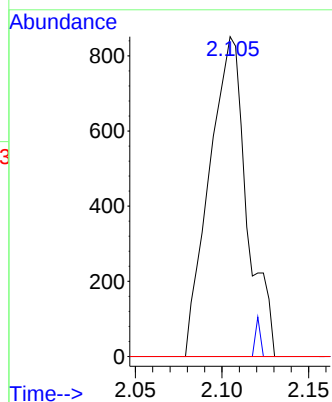
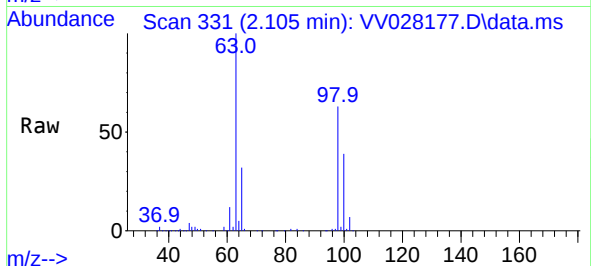




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.108 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.003 min
Lab File: VV028177.D
Acq: 29 Sep 2022 11:21

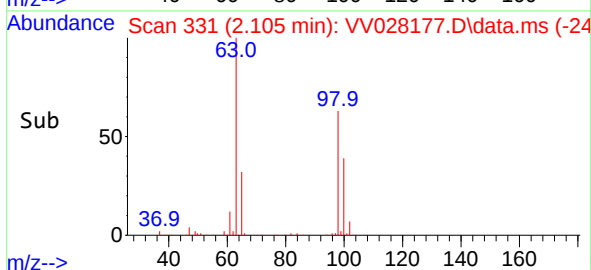
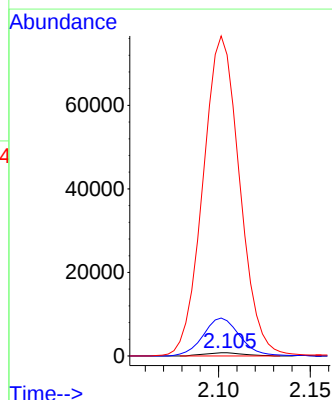
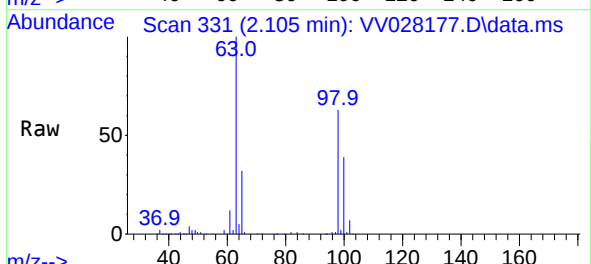
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

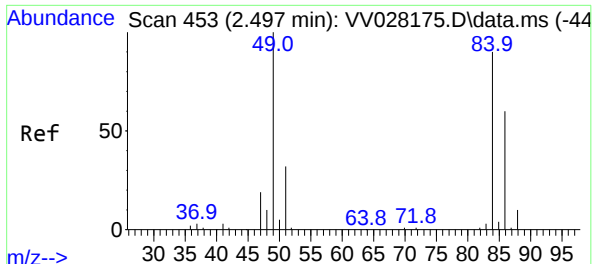
Tgt Ion:101 Resp: 1280
Ion Ratio Lower Upper
101 100
85 1.6 34.4 51.6#
151 0.0 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.098 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028177.D
Acq: 29 Sep 2022 11:21

Tgt Ion: 96 Resp: 1126
Ion Ratio Lower Upper
96 100
61 1116.1 128.3 238.3#
63 9536.5 112.7 209.3#

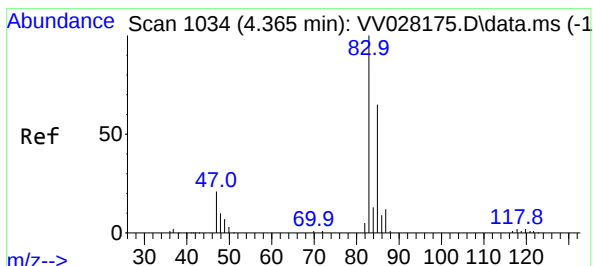
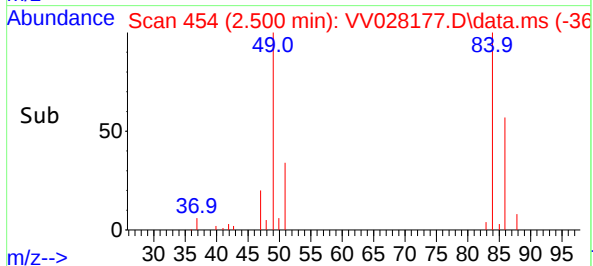
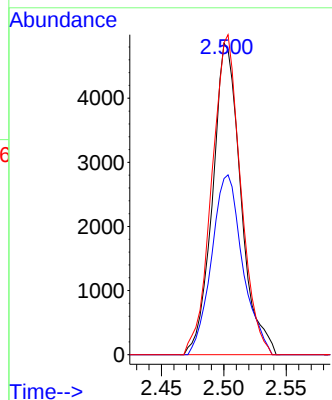
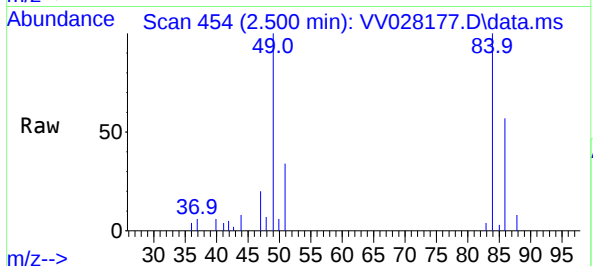




#16
Methylene chloride
Concen: 0.596 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028177.D
Acq: 29 Sep 2022 11:21

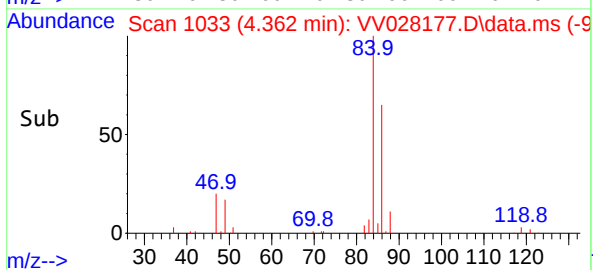
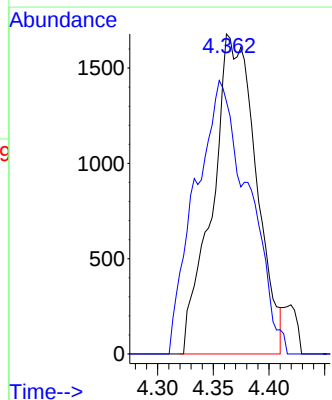
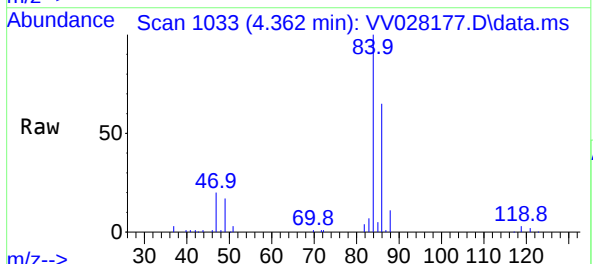
Instrument :
MSVOA_V
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VHBLK001

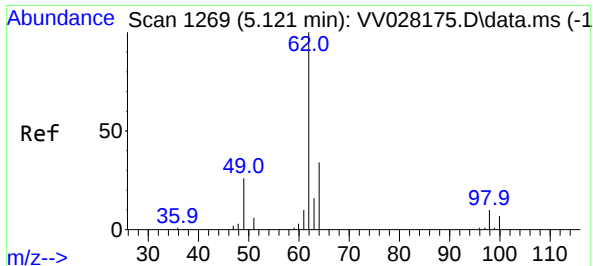
Tgt Ion: 84 Resp: 7657
Ion Ratio Lower Upper
84 100
86 56.6 46.8 86.8
49 100.2 87.5 162.5



#25
Chloroform
Concen: 0.194 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VV028177.D
Acq: 29 Sep 2022 11:21

Tgt Ion: 83 Resp: 4577
Ion Ratio Lower Upper
83 100
85 78.9 45.1 83.7

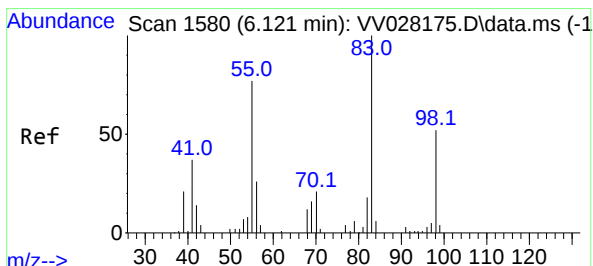
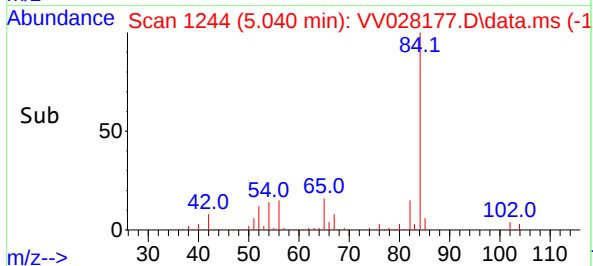
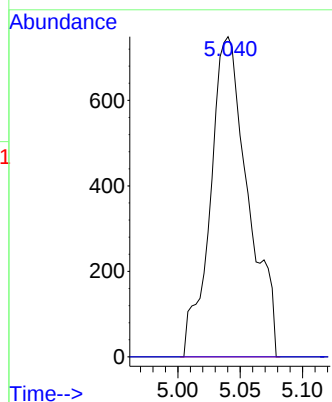
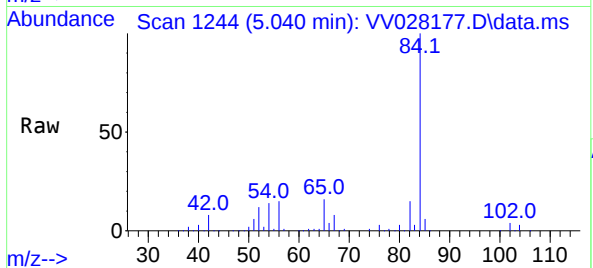




#27
1,2-Dichloroethane
Concen: 0.125 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV028177.D
Acq: 29 Sep 2022 11:21

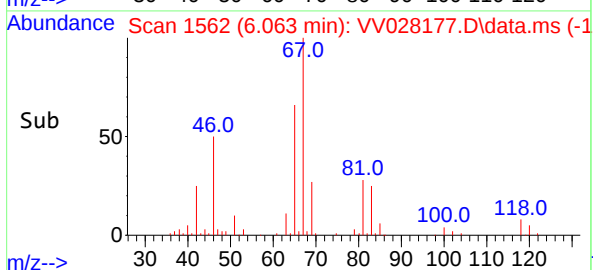
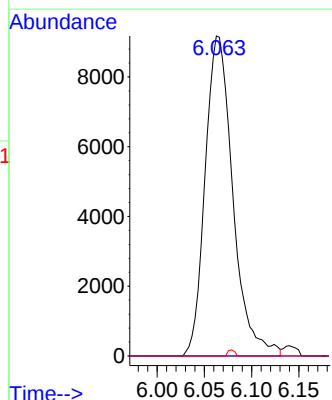
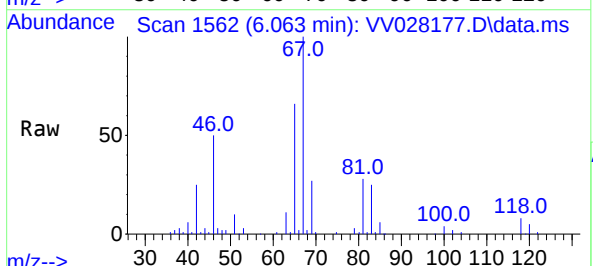
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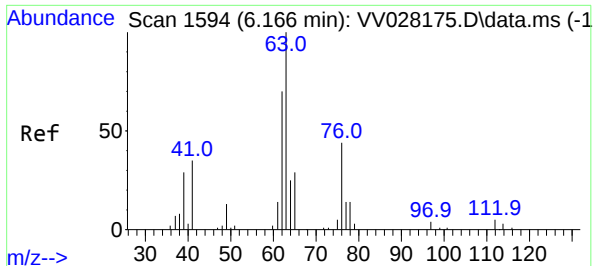
Tgt Ion: 62 Resp: 1578
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#35
Methylcyclohexane
Concen: 1.238 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028177.D
Acq: 29 Sep 2022 11:21

Tgt Ion: 83 Resp: 18717
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.5 39.5 59.3#

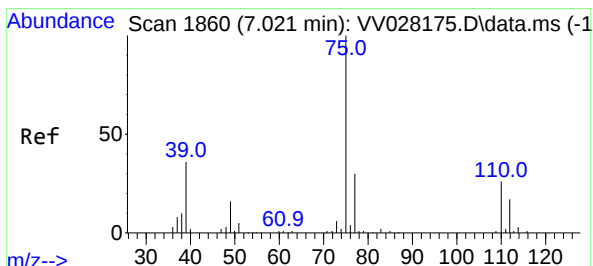
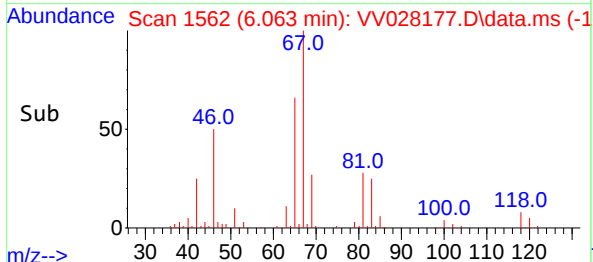
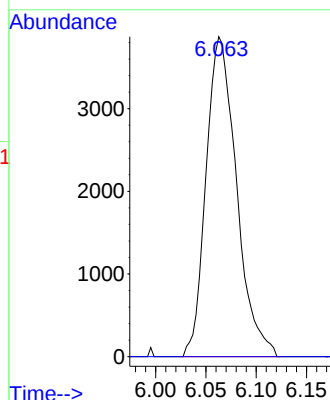
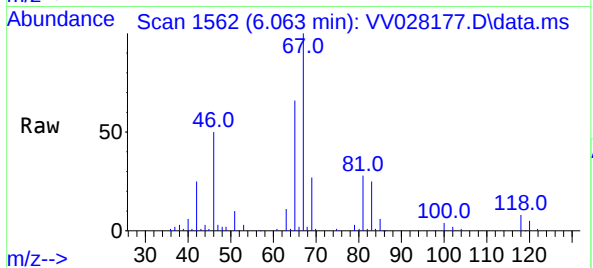




#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028177.D
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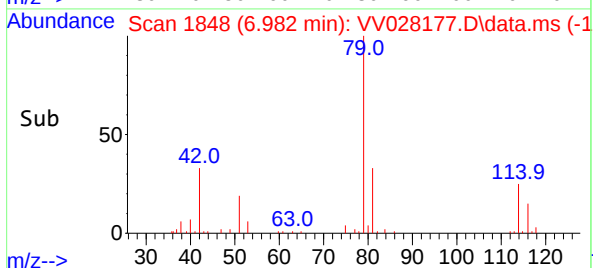
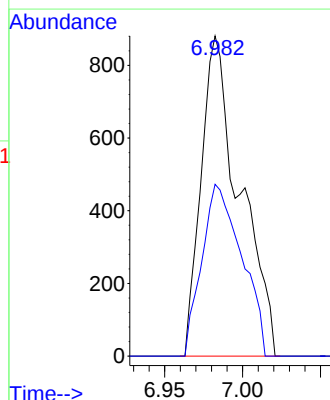
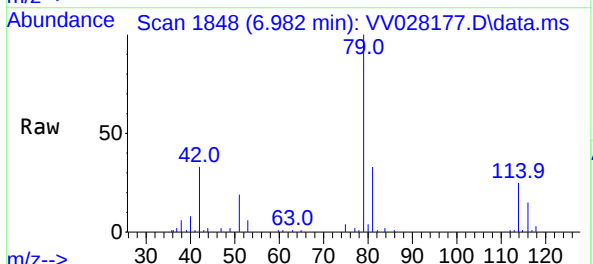
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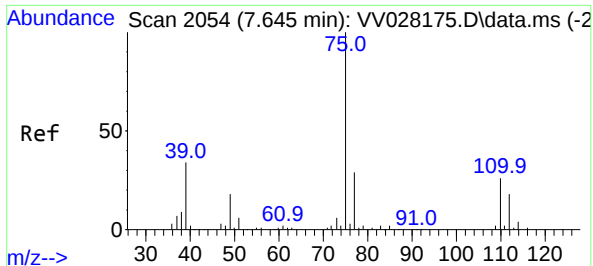
Tgt Ion: 63 Resp: 8157
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.039 min
Lab File: VV028177.D
Acq: 29 Sep 2022 11:21

Tgt Ion: 75 Resp: 1520
Ion Ratio Lower Upper
75 100
77 53.7 22.4 41.6#

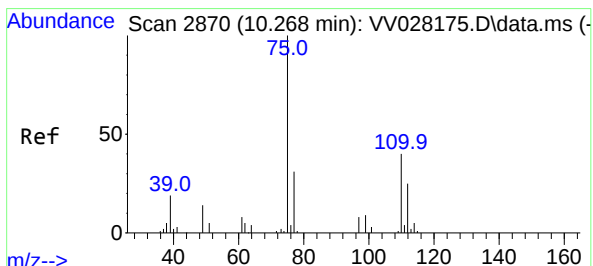
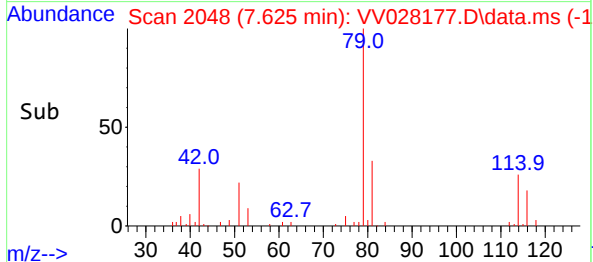
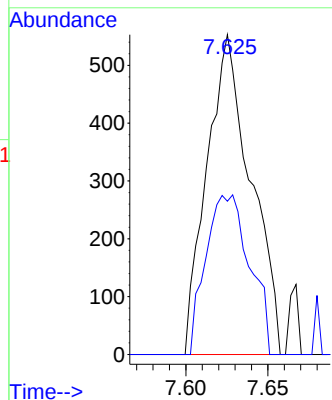
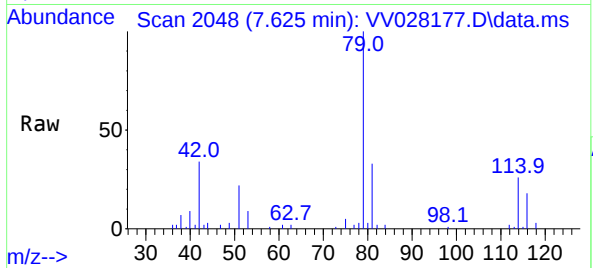




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.019 min
Lab File: VV028177.D
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Tgt Ion: 75 Resp: 1029
Ion Ratio Lower Upper
75 100
77 47.9 23.9 44.3#



#61
1,2,3-Trichloropropane
Concen: 1.028 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028177.D
Acq: 29 Sep 2022 11:21

Tgt Ion: 75 Resp: 6264
Ion Ratio Lower Upper
75 100
77 42.4 26.7 40.1#
110 1.2 30.1 45.1#

