

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025826.D
 Acq On : 04 May 2022 05:01
 Operator : SY/MD
 Sample : N2678-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0B7

Quant Time: May 04 08:14:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 07:57:41 2022
 Response via : Initial Calibration

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

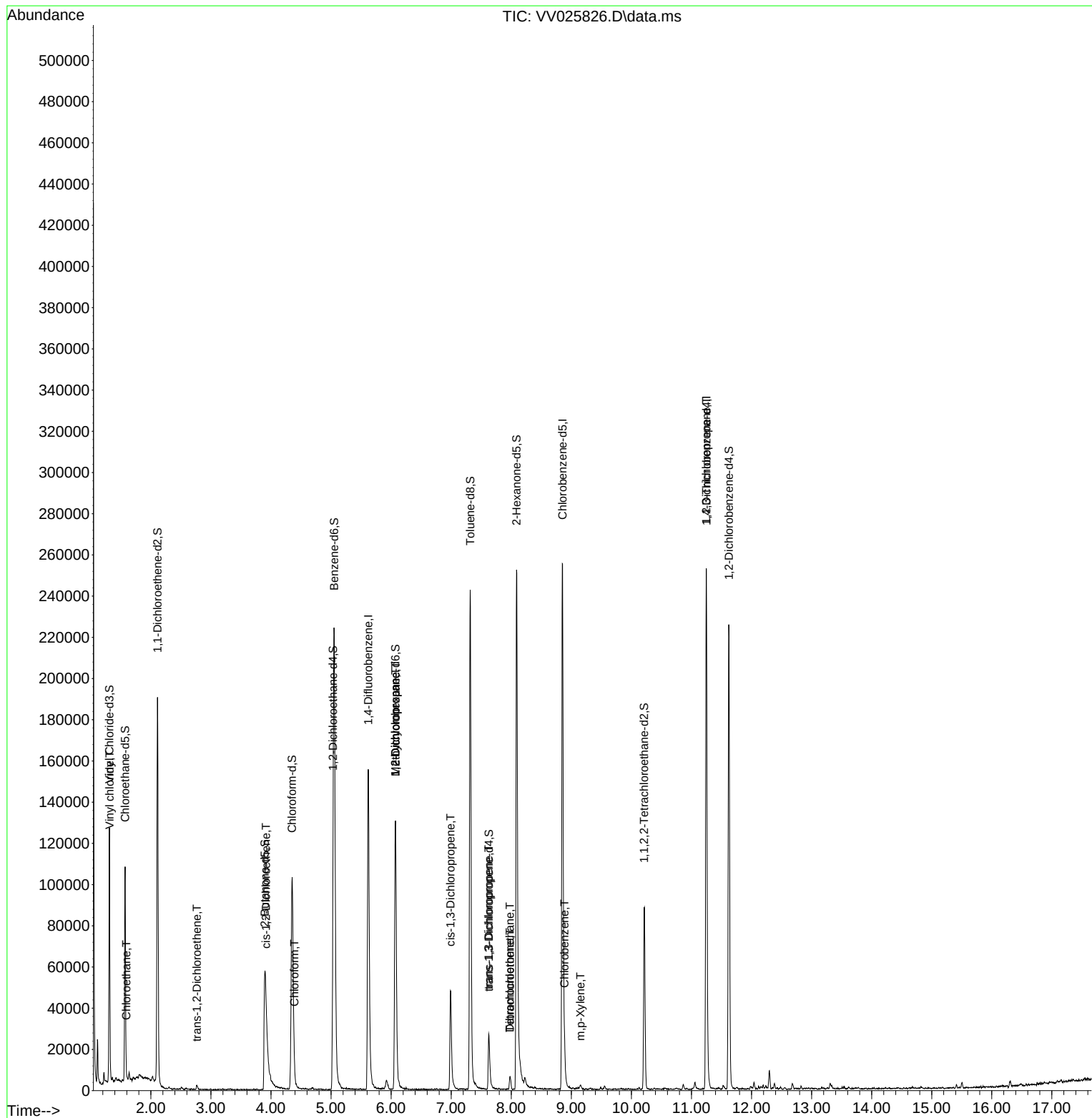
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134452	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	142285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	67355	4.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.571	69	66262	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.111	63	99896	3.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.899	46	107649	53.375	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.740%
24) Chloroform-d	4.352	84	106988	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.034	65	49090	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.053	84	207644	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.072	67	62832	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.317	98	164504	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.628	79	16315	3.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.088	63	85304	51.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43170	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	56051	4.957	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
5) Vinyl chloride	1.314	62	3268	0.178	ug/L #	53
8) Chloroethane	1.590	64	1370	0.116	ug/L #	60
18) trans-1,2-Dichloroethene	2.767	96	424	0.037	ug/L	74
22) cis-1,2-Dichloroethene	3.915	96	1207	0.103	ug/L #	66
25) Chloroform	4.387	83	1660	0.078	ug/L	93
35) Methylcyclohexane	6.072	83	15934	0.824	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6992	0.603	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1296	0.091	ug/L	83
44) trans-1,3-Dichloropropene	7.625	75	862	0.076	ug/L #	49
47) Tetrachloroethene	7.979	164	1132	0.106	ug/L	92
49) Dibromochloromethane	7.979	129	1245	0.153	ug/L #	11
51) Chlorobenzene	8.886	112	10155	0.315	ug/L	99
53) m,p-Xylene	9.152	106	913	0.044	ug/L	71
61) 1,2,3-Trichloropropane	11.246	75	8980	1.740	ug/L #	63

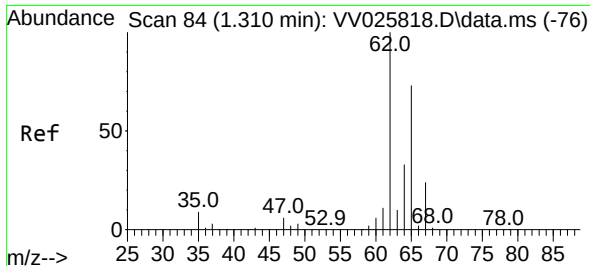
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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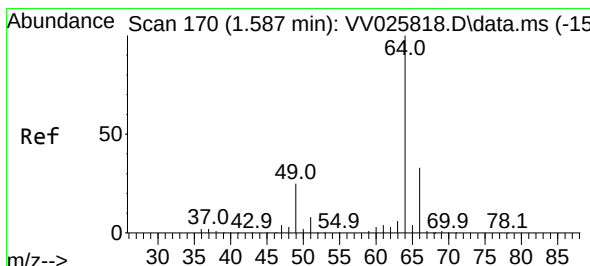
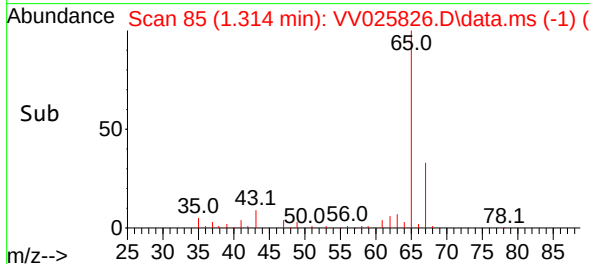
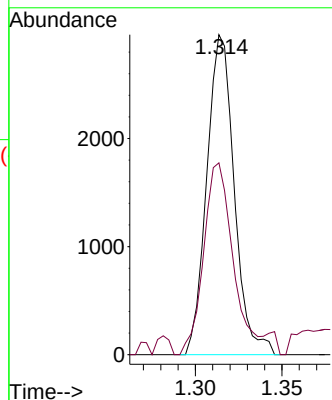
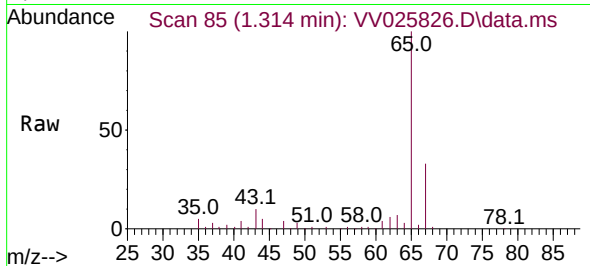




#5
 Vinyl chloride
 Concen: 0.178 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025826.D
 Acq: 04 May 2022 05:01

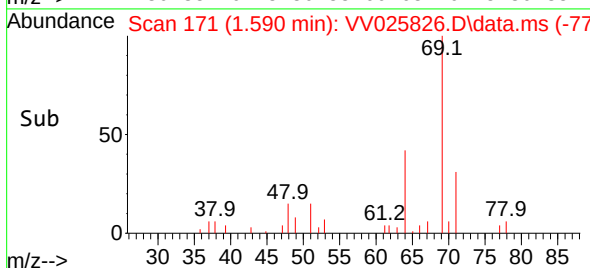
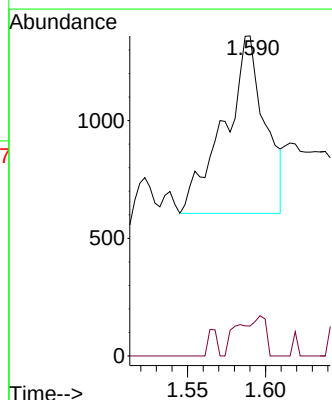
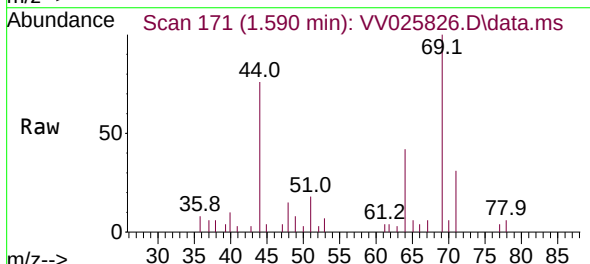
Instrument :
 MSVOA_V
 ClientSampleId :
 BH0B7

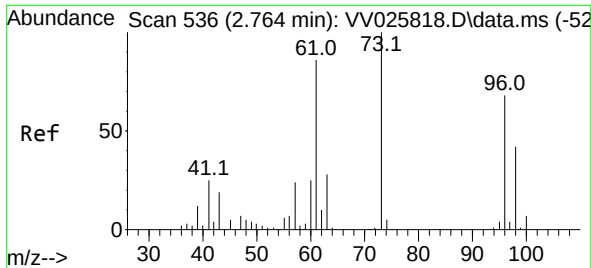
Tgt Ion: 62 Resp: 3268
 Ion Ratio Lower Upper
 62 100
 64 59.9 23.2 43.2#



#8
 Chloroethane
 Concen: 0.116 ug/L
 RT: 1.590 min Scan# 171
 Delta R.T. 0.003 min
 Lab File: VV025826.D
 Acq: 04 May 2022 05:01

Tgt Ion: 64 Resp: 1370
 Ion Ratio Lower Upper
 64 100
 66 9.3 21.8 40.6#

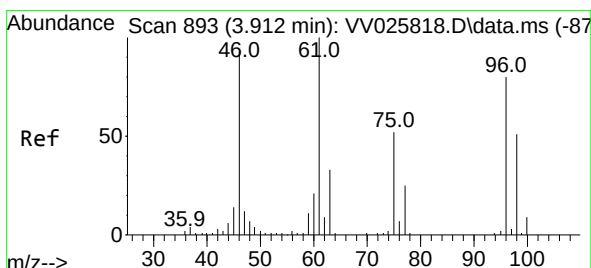
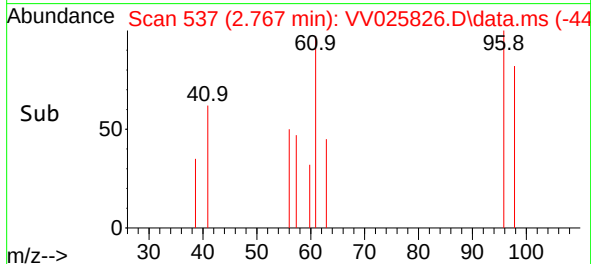
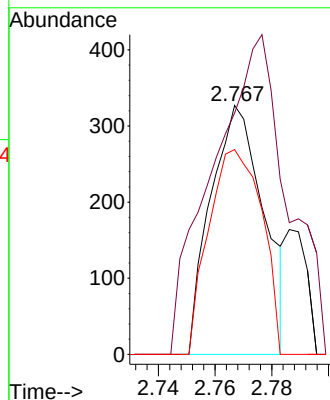
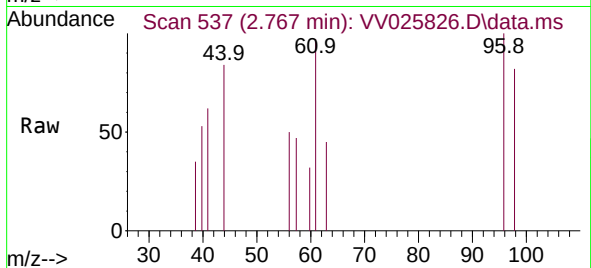




#18
trans-1,2-Dichloroethene
Concen: 0.037 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025826.D
Acq: 04 May 2022 05:01

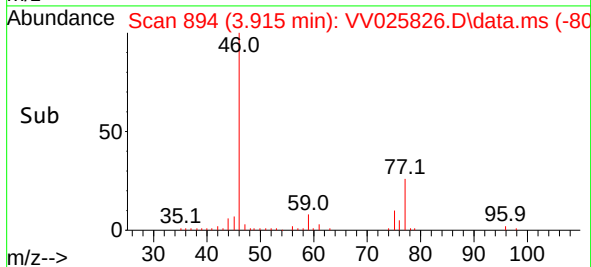
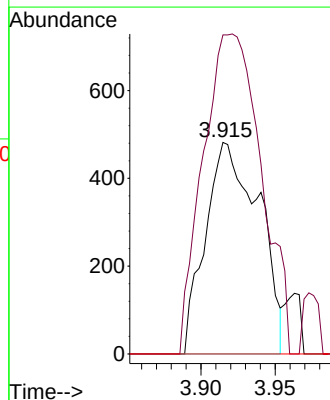
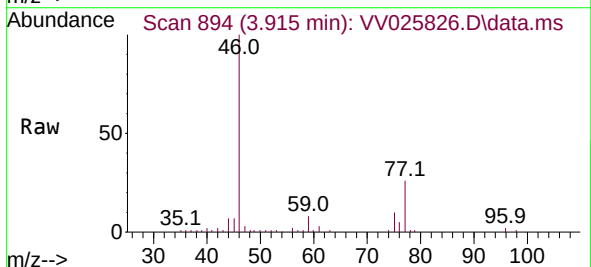
Instrument :
MSVOA_V
ClientSampleId :
BH0B7

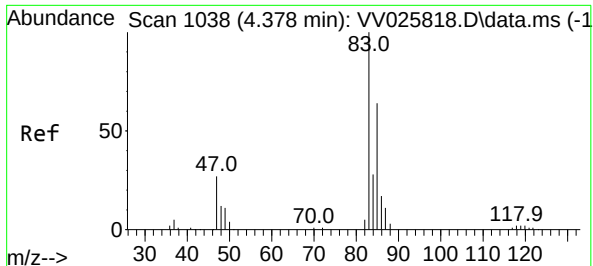
Tgt Ion: 96 Resp: 424
Ion Ratio Lower Upper
96 100
61 96.9 92.1 171.1
98 82.3 47.5 88.1



#22
cis-1,2-Dichloroethene
Concen: 0.103 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV025826.D
Acq: 04 May 2022 05:01

Tgt Ion: 96 Resp: 1207
Ion Ratio Lower Upper
96 100
61 150.8 80.0 148.6#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.078 ug/L

RT: 4.387 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV025826.D

Acq: 04 May 2022 05:01

Instrument :

MSVOA_V

ClientSampleId :

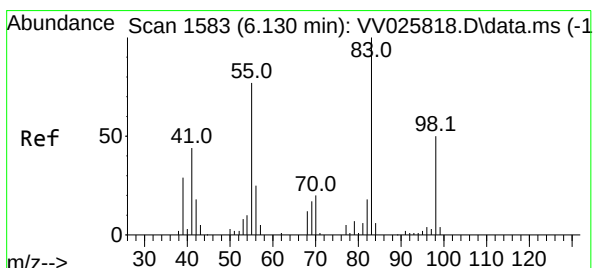
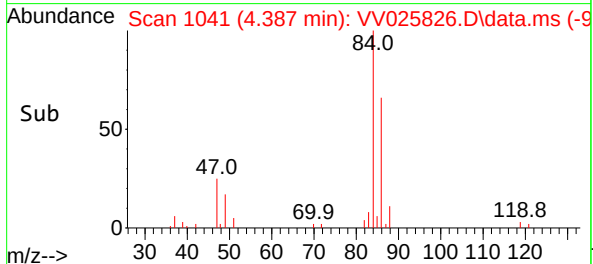
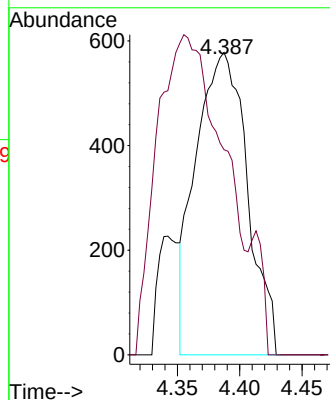
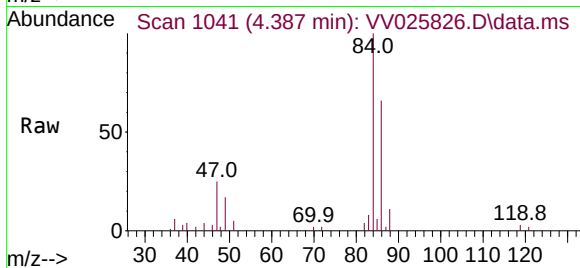
BH0B7

Tgt Ion: 83 Resp: 1660

Ion Ratio Lower Upper

83 100

85 67.8 43.5 80.7



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV025826.D

Acq: 04 May 2022 05:01

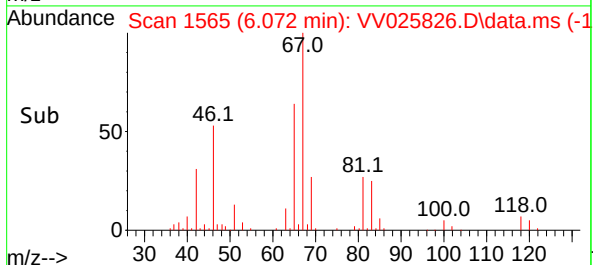
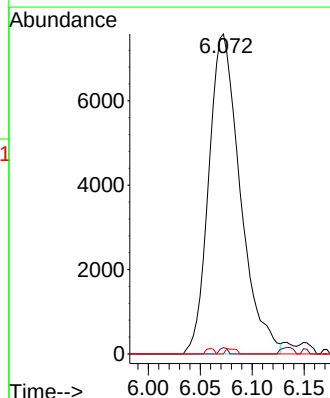
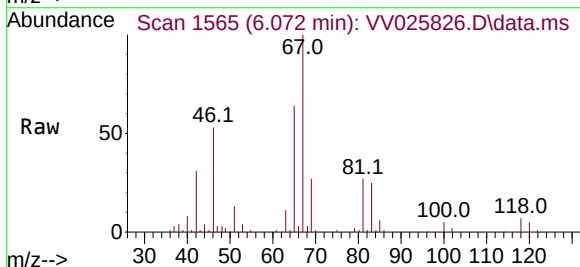
Tgt Ion: 83 Resp: 15934

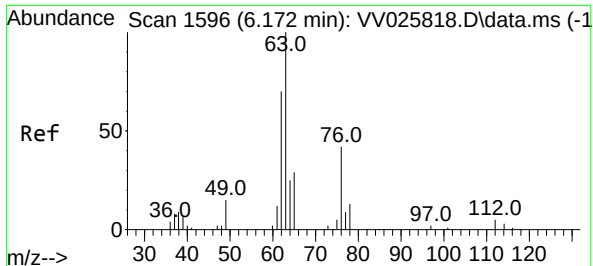
Ion Ratio Lower Upper

83 100

55 0.5 53.7 80.5#

98 0.5 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025826.D

Acq: 04 May 2022 05:01

Instrument :

MSVOA_V

ClientSampleId :

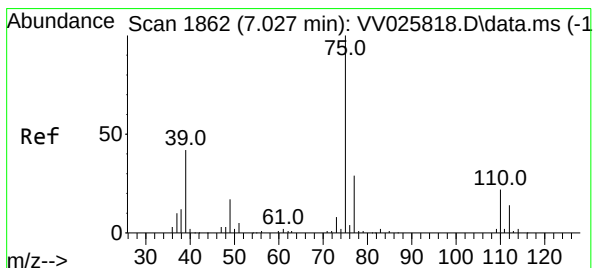
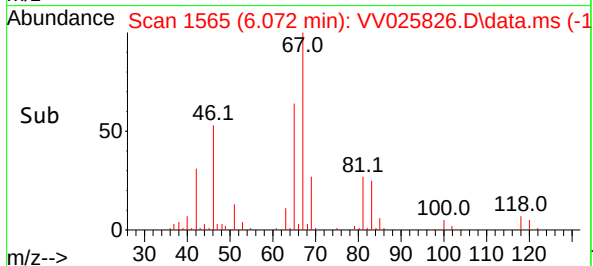
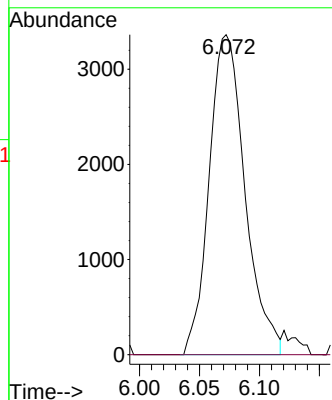
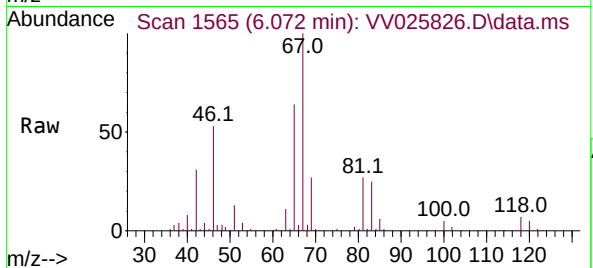
BH0B7

Tgt Ion: 63 Resp: 6992

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV025826.D

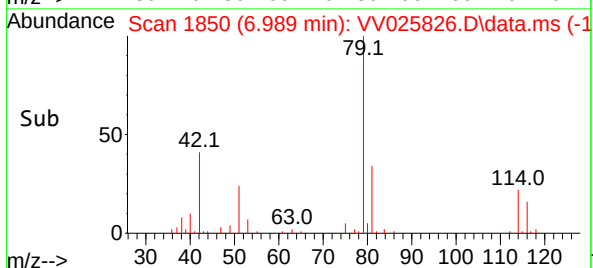
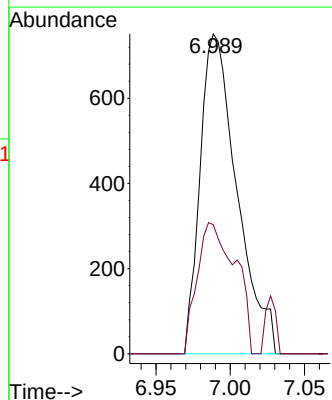
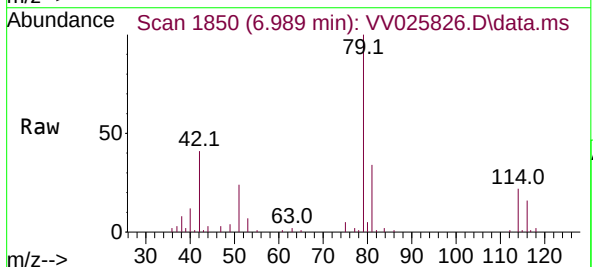
Acq: 04 May 2022 05:01

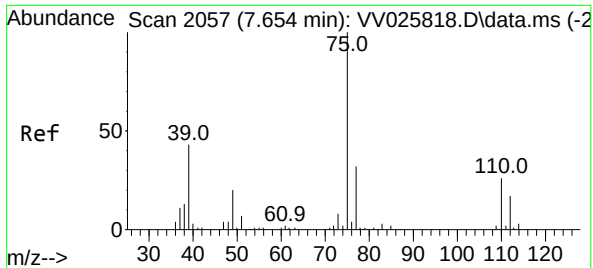
Tgt Ion: 75 Resp: 1296

Ion Ratio Lower Upper

75 100

77 40.3 21.8 40.6

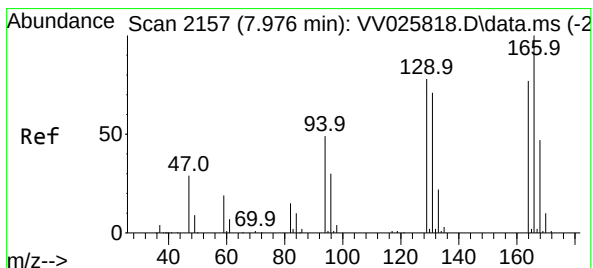
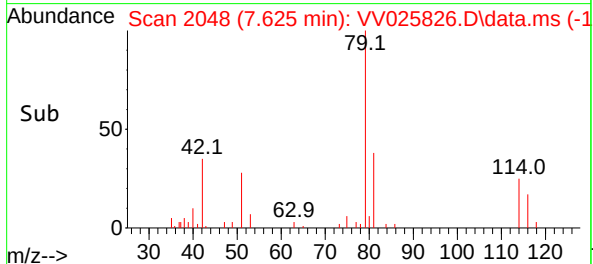
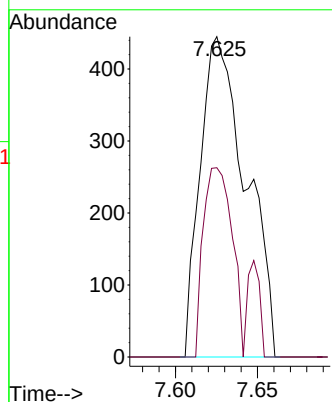
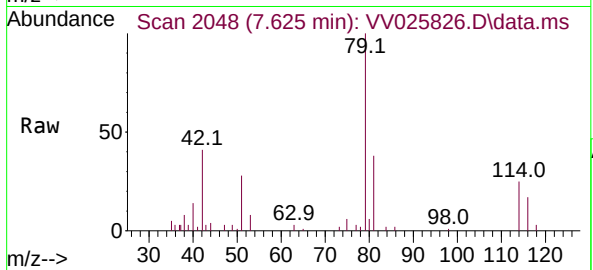




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.625 min Scan# 2057
Delta R.T. -0.029 min
Lab File: VV025826.D
Acq: 04 May 2022 05:01

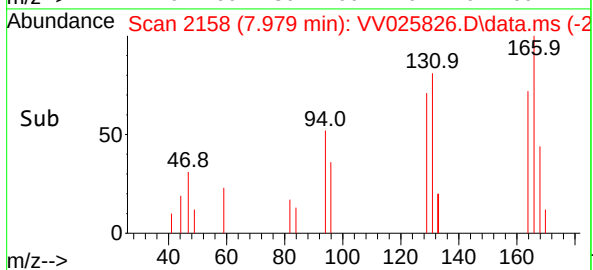
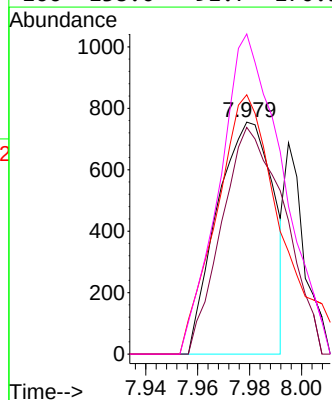
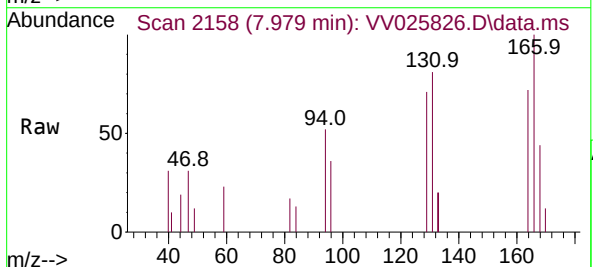
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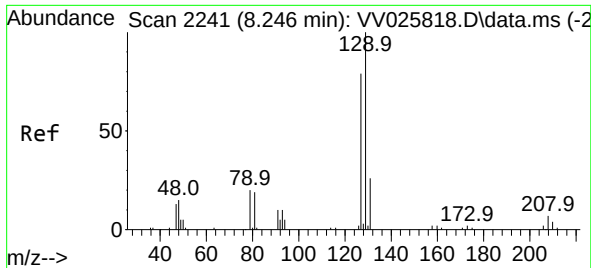
Tgt Ion: 75 Resp: 862
Ion Ratio Lower Upper
75 100
77 59.1 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.106 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV025826.D
Acq: 04 May 2022 05:01

Tgt Ion: 164 Resp: 1132
Ion Ratio Lower Upper
164 100
129 97.7 66.8 124.2
131 111.8 66.4 123.4
166 138.0 91.7 170.3

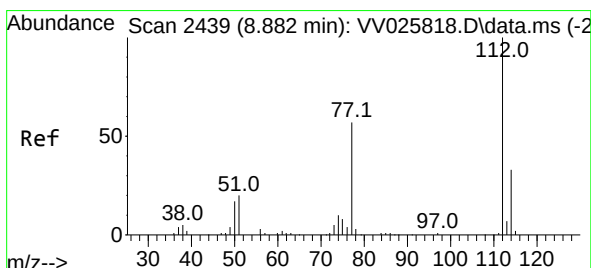
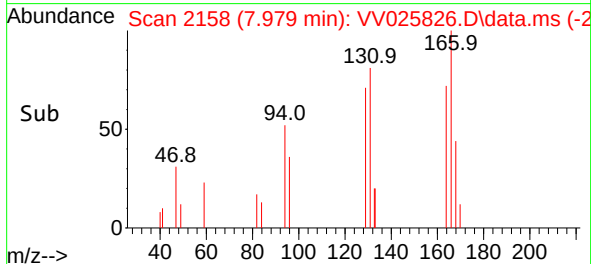
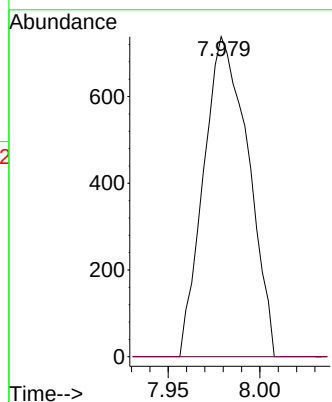
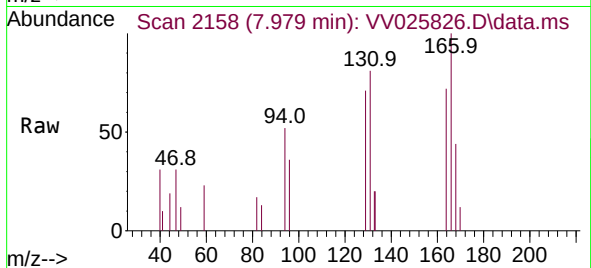




#49
Dibromochloromethane
Concen: 0.153 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV025826.D
Acq: 04 May 2022 05:01

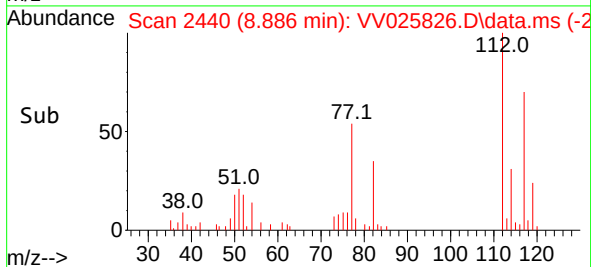
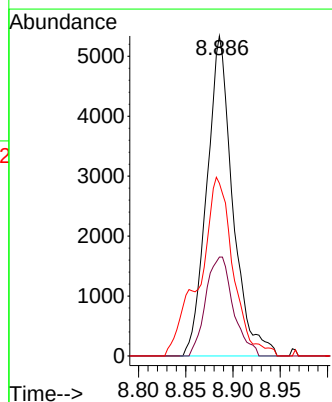
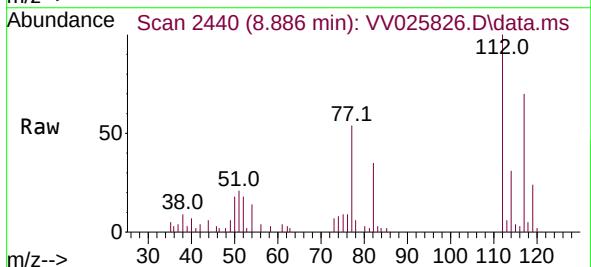
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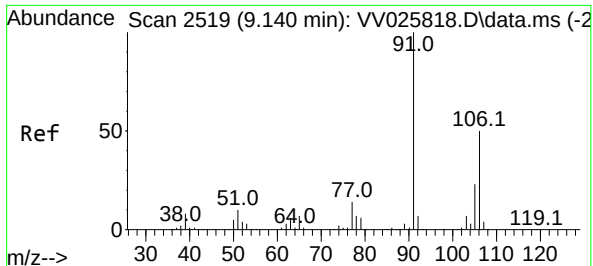
Tgt Ion:129 Resp: 1245
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



#51
Chlorobenzene
Concen: 0.315 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV025826.D
Acq: 04 May 2022 05:01

Tgt Ion:112 Resp: 10155
Ion Ratio Lower Upper
112 100
114 30.9 22.4 41.6
77 54.0 43.7 65.5

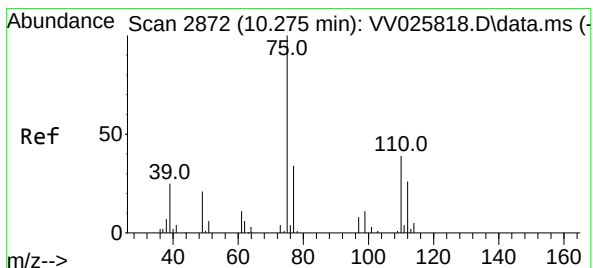
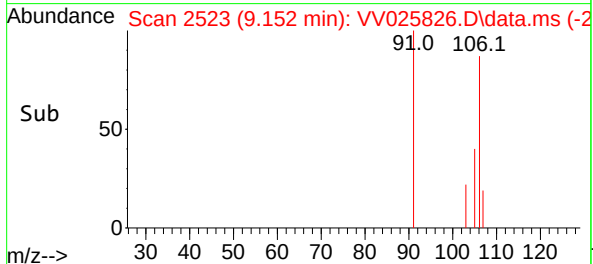
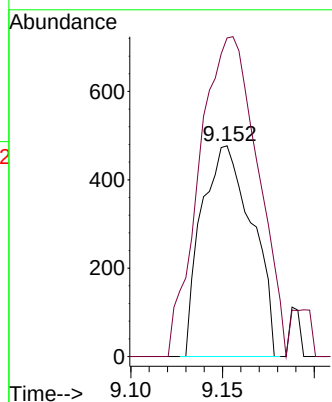
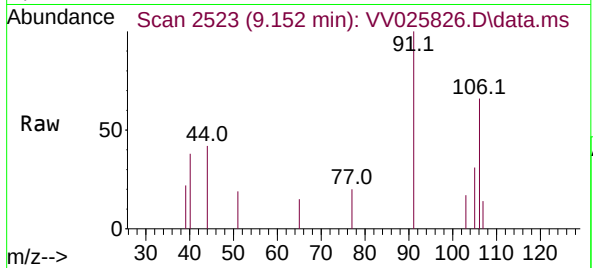




#53
m,p-Xylene
Concen: 0.044 ug/L
RT: 9.152 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV025826.D
Acq: 04 May 2022 05:01

Instrument :
MSVOA_V
ClientSampleId :
BH0B7

Tgt Ion:106 Resp: 913
Ion Ratio Lower Upper
106 100
91 151.2 136.4 253.4



#61
1,2,3-Trichloropropane
Concen: 1.740 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV025826.D
Acq: 04 May 2022 05:01

Tgt Ion: 75 Resp: 8980
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 2.0 34.7 52.1#

