

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027762.D
 Acq On : 06 Sep 2022 23:44
 Operator : SY/MD
 Sample : N4402-14DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD3DL

Quant Time: Sep 07 06:31:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

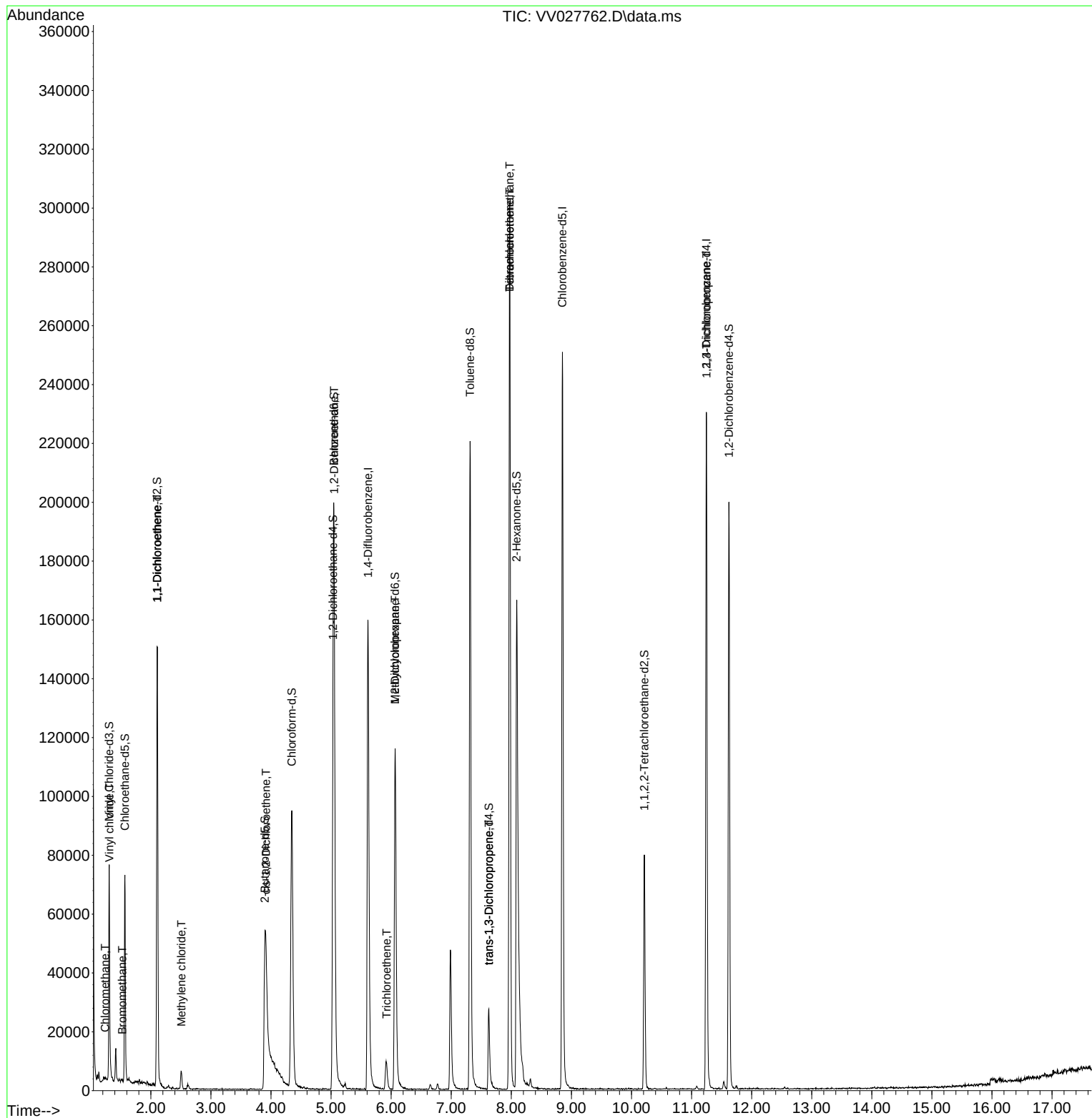
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	144058	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	141847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64129	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	51222	5.394	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.800%
7) Chloroethane-d5	1.568	69	45051	5.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.105	63	79986	3.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.896	46	62153	29.534	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.060%
24) Chloroform-d	4.346	84	100208	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.031	65	49170	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.047	84	181370	4.407	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.066	67	53018	4.401	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.314	98	152817	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.625	79	17769	4.396	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.088	63	71664	47.698	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36862	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	54449	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	559	0.043	ug/L	92
5) Vinyl chloride	1.311	62	525	0.040	ug/L #	1
6) Bromomethane	1.523	94	456	0.065	ug/L #	56
12) 1,1-Dichloroethene	2.108	96	825	0.086	ug/L #	1
16) Methylene chloride	2.507	84	2514	0.204	ug/L	84
22) cis-1,2-Dichloroethene	3.915	96	11649	1.060	ug/L #	89
27) 1,2-Dichloroethane	5.050	62	702	0.055	ug/L #	75
34) Trichloroethene	5.925	95	3281	0.280	ug/L	91
35) Methylcyclohexane	6.066	83	14366	0.798	ug/L #	19
44) trans-1,3-Dichloropropene	7.625	75	869	0.074	ug/L	90
47) Tetrachloroethene	7.973	164	67624	7.187	ug/L	97
49) Dibromochloromethane	7.973	129	48331	5.285	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6152	1.211	ug/L #	62

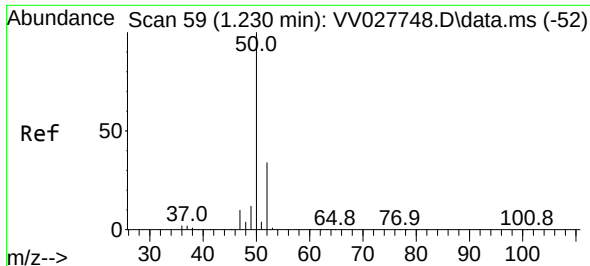
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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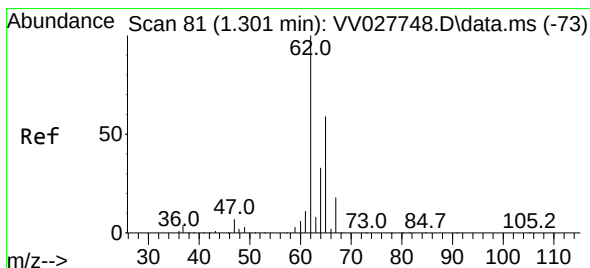
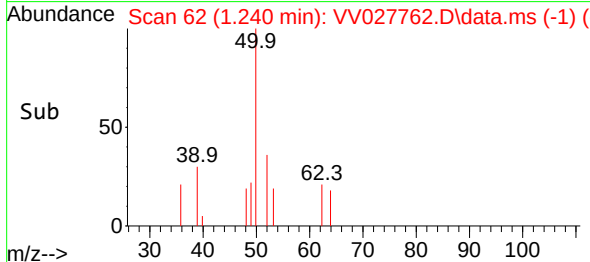
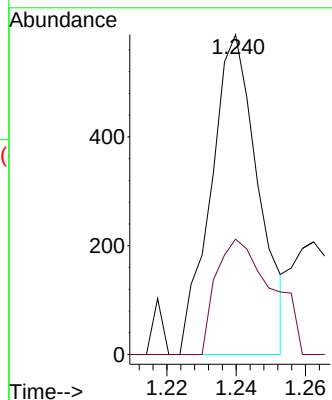
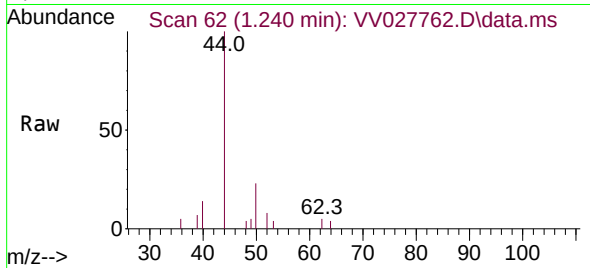




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027762.D
Acq: 06 Sep 2022 23:44

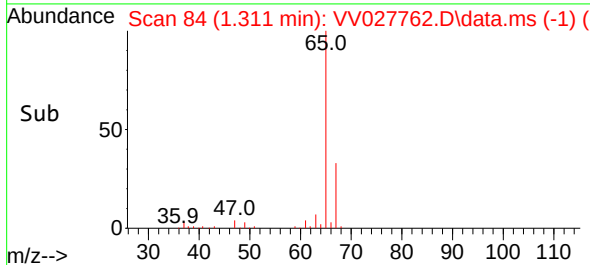
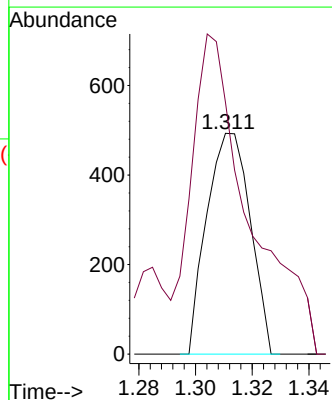
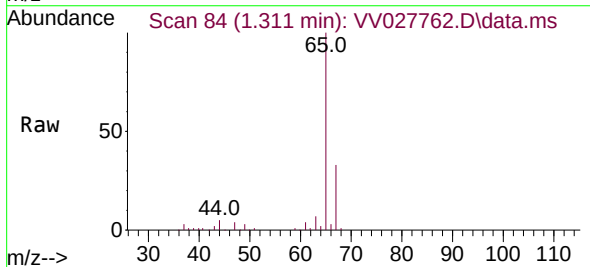
Instrument :
MSVOA_V
ClientSampleId :
DBVD3DL

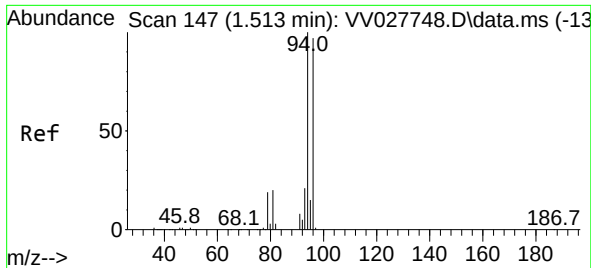
Tgt Ion: 50 Resp: 559
Ion Ratio Lower Upper
50 100
52 36.1 22.1 41.1



#5
Vinyl chloride
Concen: 0.040 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV027762.D
Acq: 06 Sep 2022 23:44

Tgt Ion: 62 Resp: 525
Ion Ratio Lower Upper
62 100
64 114.0 23.2 43.2#

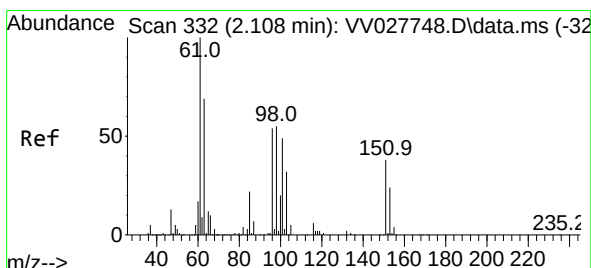
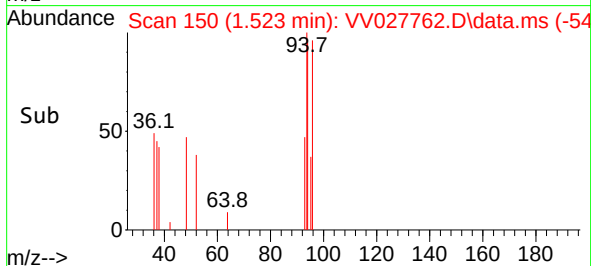
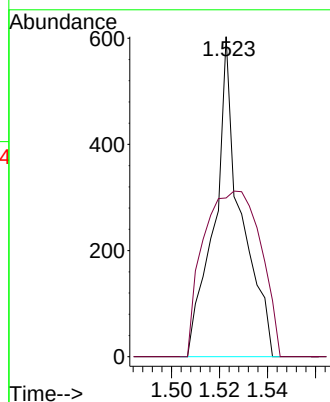
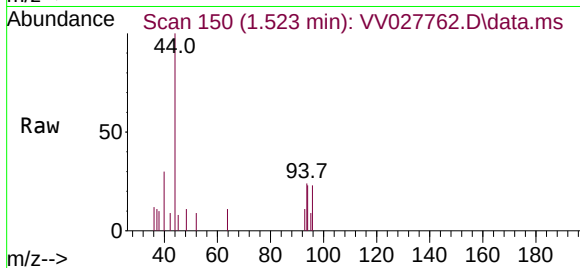




#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027762.D
Acq: 06 Sep 2022 23:44

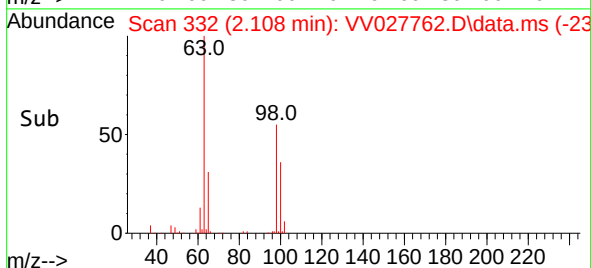
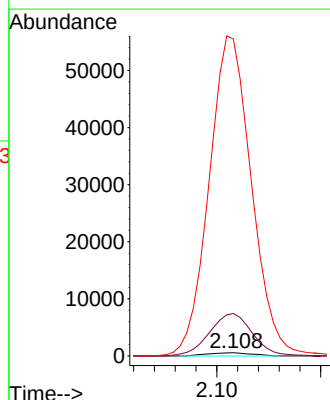
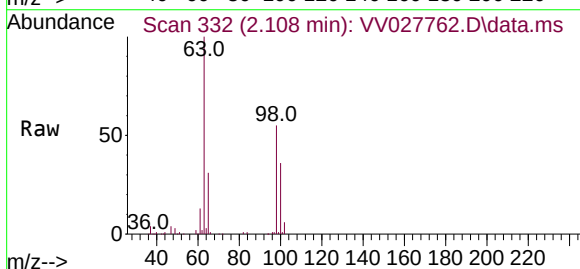
Instrument :
MSVOA_V
ClientSampleId :
DBVD3DL

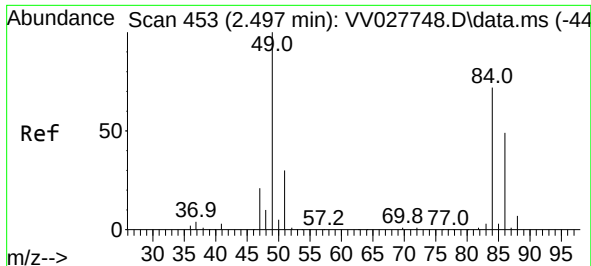
Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 49.6 64.2 119.2#



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.000 min
Lab File: VV027762.D
Acq: 06 Sep 2022 23:44

Tgt Ion: 96 Resp: 825
Ion Ratio Lower Upper
96 100
61 1341.6 129.9 241.3#
63 10039.8 94.6 175.8#

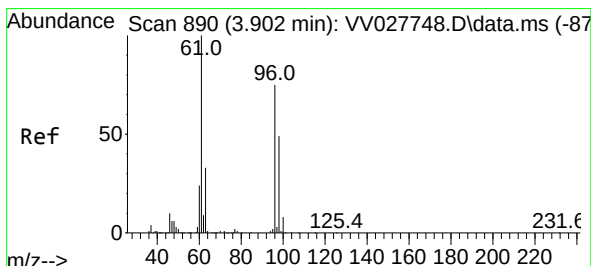
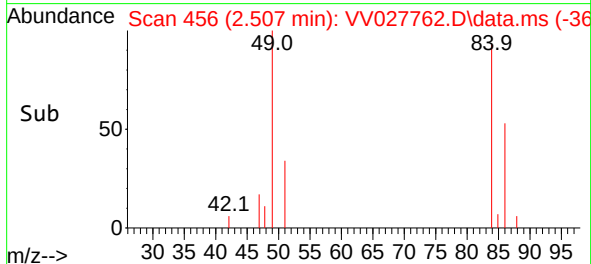
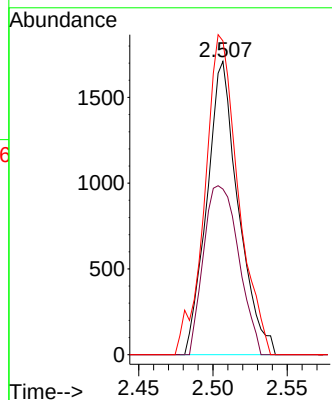
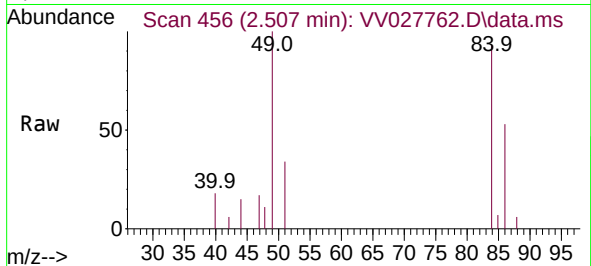




#16
Methylene chloride
Concen: 0.204 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV027762.D
Acq: 06 Sep 2022 23:44

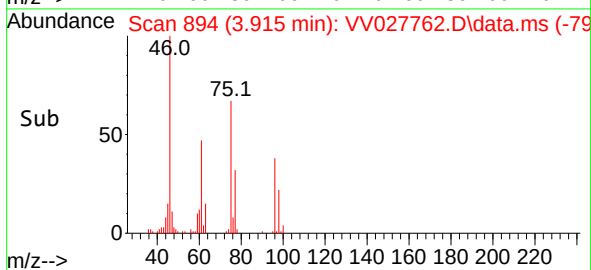
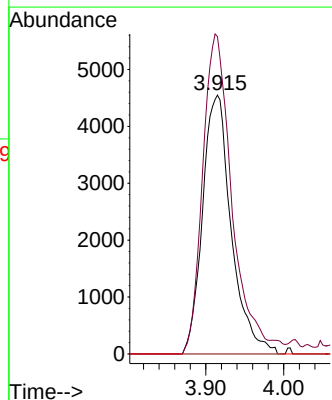
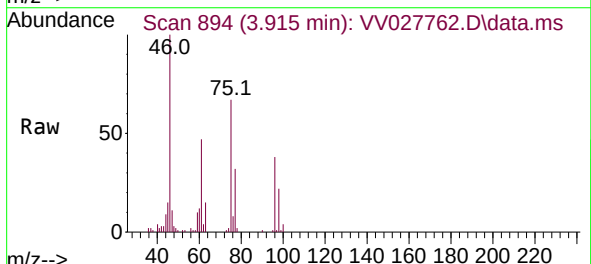
Instrument :
MSVOA_V
ClientSampleId :
DBVD3DL

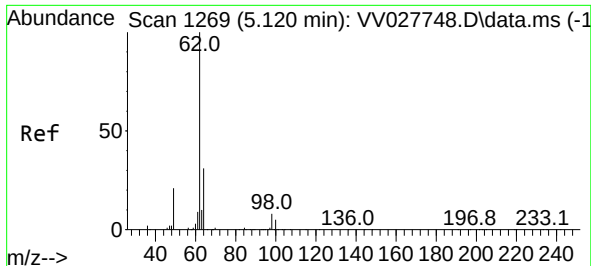
Tgt Ion: 84 Resp: 2514
Ion Ratio Lower Upper
84 100
86 56.5 44.9 83.3
49 107.0 90.1 167.3



#22
cis-1,2-Dichloroethene
Concen: 1.060 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV027762.D
Acq: 06 Sep 2022 23:44

Tgt Ion: 96 Resp: 11649
Ion Ratio Lower Upper
96 100
61 122.5 94.6 175.6
68 0.0 0.3 0.5#





#27

1,2-Dichloroethane

Concen: 0.055 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.071 min

Lab File: VV027762.D

Acq: 06 Sep 2022 23:44

Instrument :

MSVOA_V

ClientSampleId :

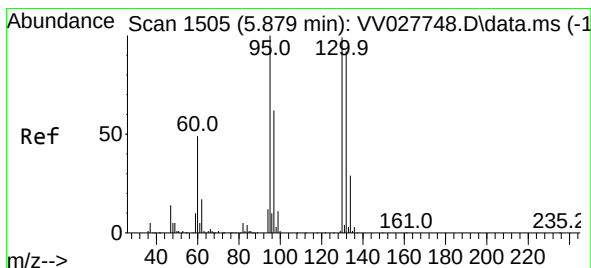
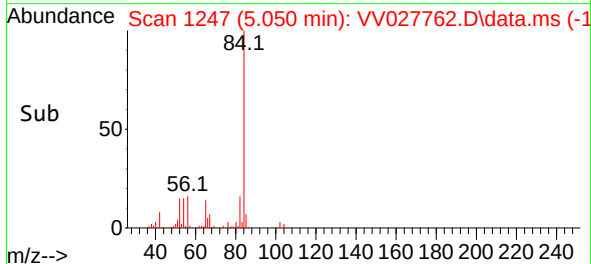
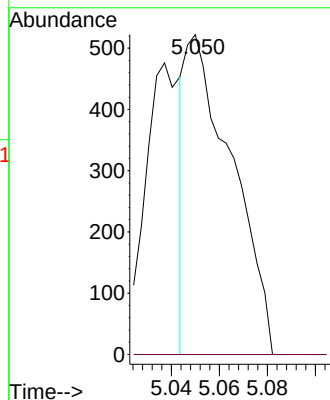
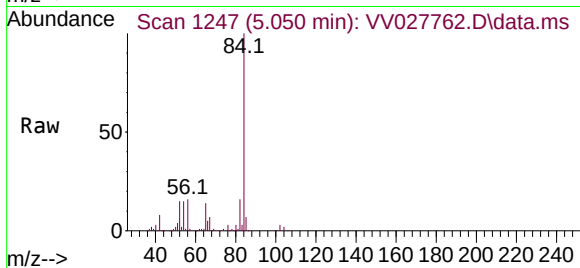
DBVD3DL

Tgt Ion: 62 Resp: 702

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#34

Trichloroethene

Concen: 0.280 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.045 min

Lab File: VV027762.D

Acq: 06 Sep 2022 23:44

Tgt Ion: 95 Resp: 3281

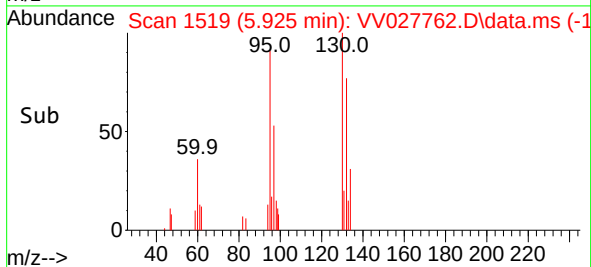
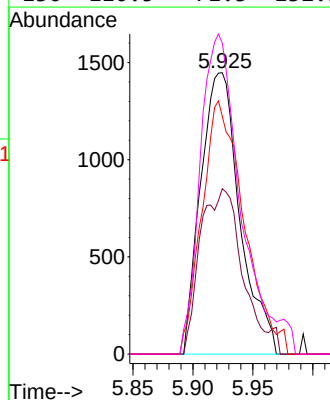
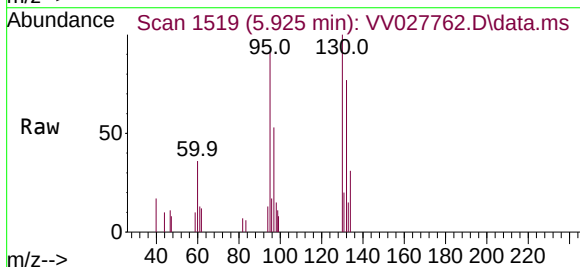
Ion Ratio Lower Upper

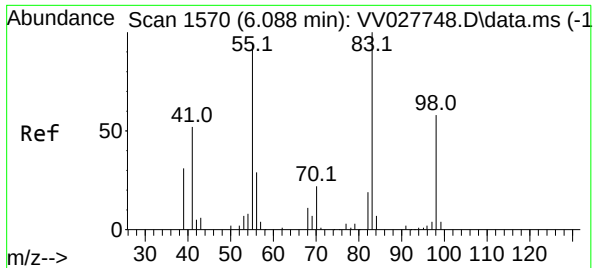
95 100

97 58.8 42.9 79.7

132 84.5 67.9 126.1

130 110.5 71.3 132.3

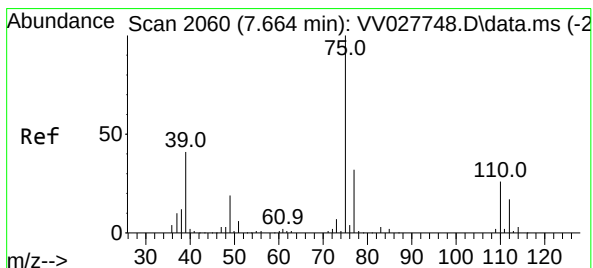
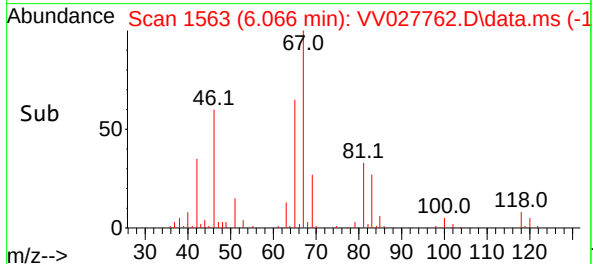
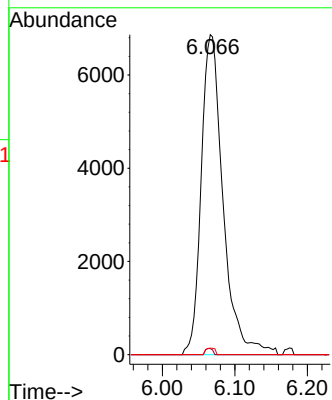
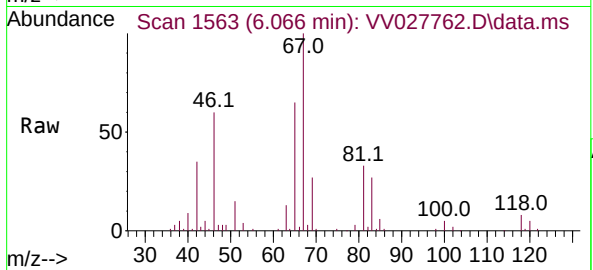




#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.022 min
Lab File: VV027762.D
Acq: 06 Sep 2022 23:44

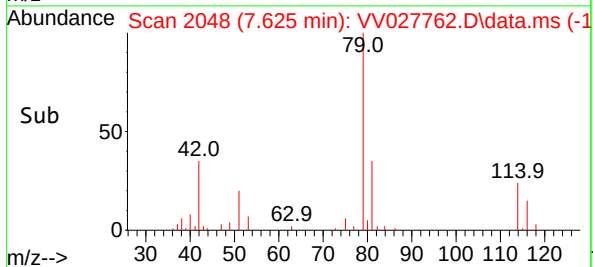
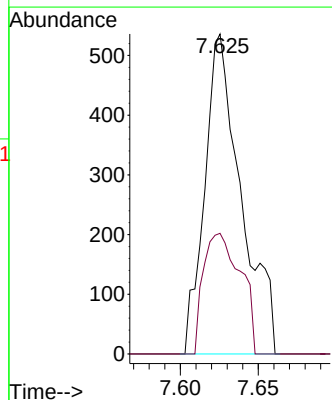
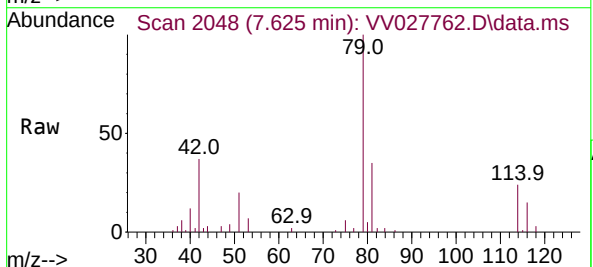
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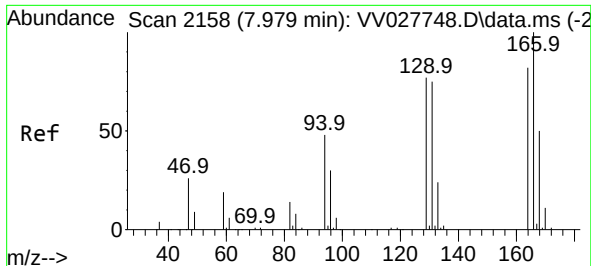
Tgt Ion: 83 Resp: 14366
Ion Ratio Lower Upper
83 100
55 0.6 61.9 92.9#
98 0.9 37.5 56.3#



#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.038 min
Lab File: VV027762.D
Acq: 06 Sep 2022 23:44

Tgt Ion: 75 Resp: 869
Ion Ratio Lower Upper
75 100
77 37.7 22.6 42.0





#47

Tetrachloroethene

Concen: 7.187 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027762.D

Acq: 06 Sep 2022 23:44

Instrument :

MSVOA_V

ClientSampleId :

DBVD3DL

Tgt Ion:164 Resp: 67624

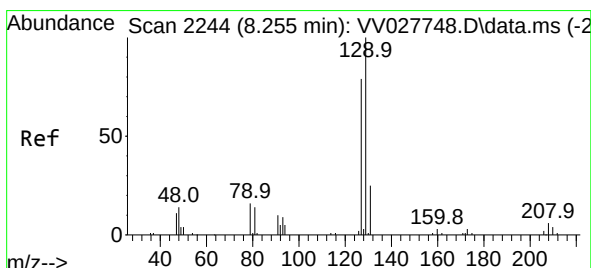
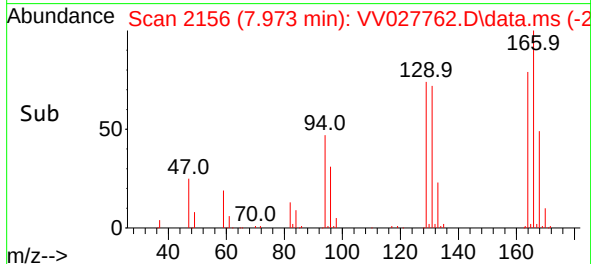
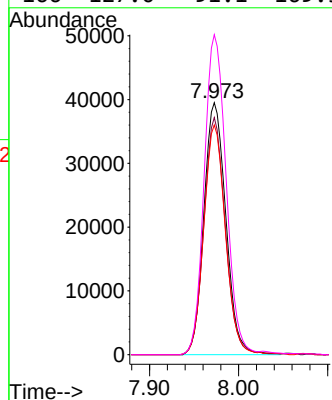
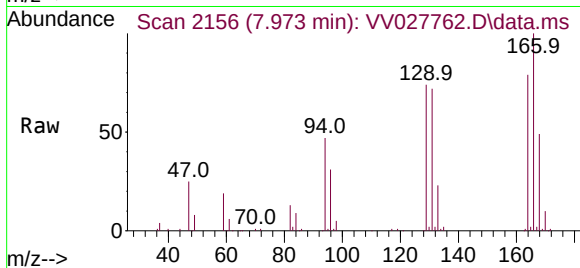
Ion Ratio Lower Upper

164 100

129 94.1 67.2 124.8

131 91.2 61.5 114.3

166 127.0 91.1 169.3



#49

Dibromochloromethane

Concen: 5.285 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027762.D

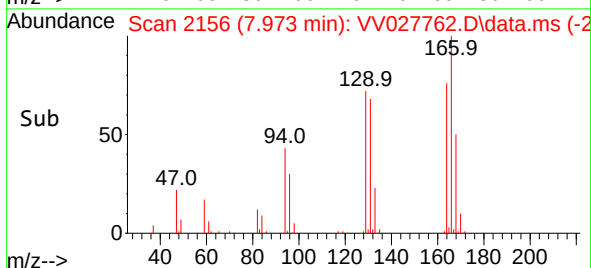
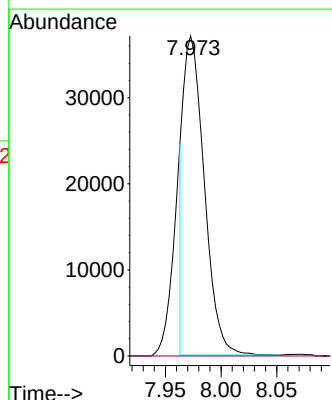
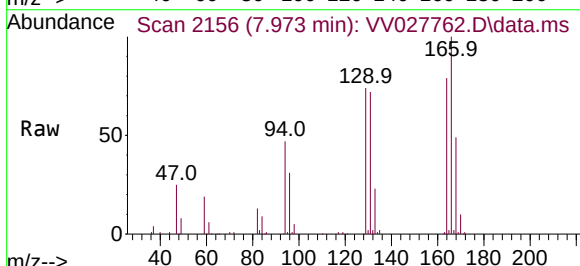
Acq: 06 Sep 2022 23:44

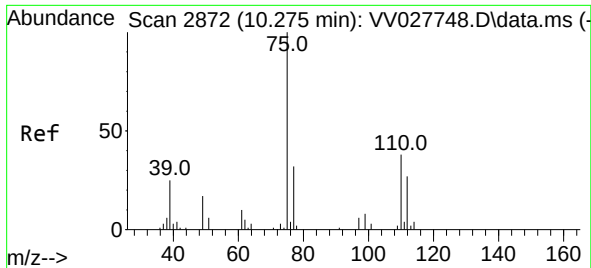
Tgt Ion:129 Resp: 48331

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.211 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027762.D
 Acq: 06 Sep 2022 23:44

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD3DL

Tgt Ion: 75 Resp: 6152
 Ion Ratio Lower Upper
 75 100
 77 32.6 27.6 41.4
 110 2.4 35.6 53.4#

