

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
 Data File : VV028662.D
 Acq On : 21 Oct 2022 15:08
 Operator : SY/MD
 Sample : N5216-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA86

Quant Time: Oct 21 23:02:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

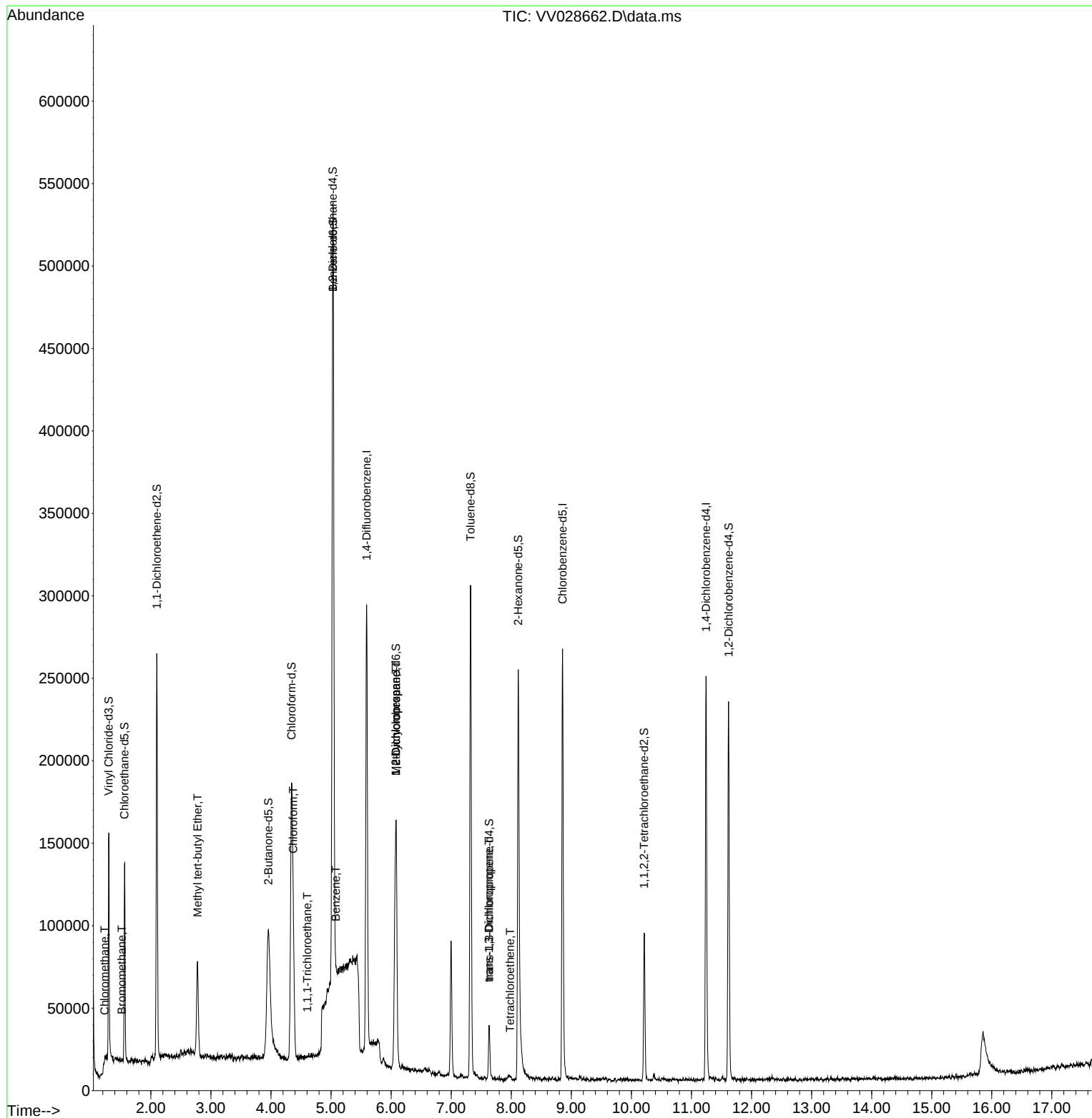
Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	202938	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	56793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	94120	4.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.561	69	74554	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.098	63	134274	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.957	46	218938	57.896	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.800%
24) Chloroform-d	4.343	84	149528	5.017	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.027	65	102013	6.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
32) Benzene-d6	5.034	84	349790	6.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.600%
36) 1,2-Dichloropropane-d6	6.082	67	98569	5.510	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.323	98	184889	4.481	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.632	79	16921	3.896	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.117	63	85338	47.328	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41972	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	52845	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	1119	0.057	ug/L	87
6) Bromomethane	1.516	94	767	0.083	ug/L	87
17) Methyl tert-butyl Ether	2.777	73	53175	1.485	ug/L	99
25) Chloroform	4.372	83	67260	2.128	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	490	0.022	ug/L #	73
33) Benzene	5.082	78	2932	0.048	ug/L	100
35) Methylcyclohexane	6.082	83	21035	0.944	ug/L #	17
37) 1,2-Dichloropropane	6.082	63	12084	0.734	ug/L #	89
44) trans-1,3-Dichloropropene	7.629	75	1170	0.097	ug/L #	30
47) Tetrachloroethene	7.982	164	600	0.078	ug/L #	77

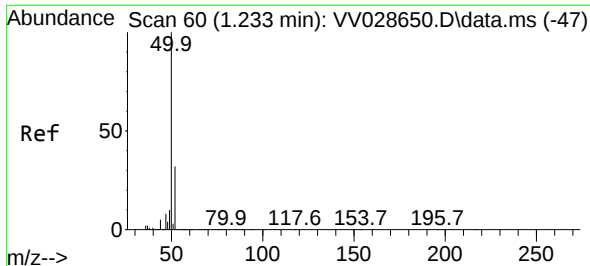
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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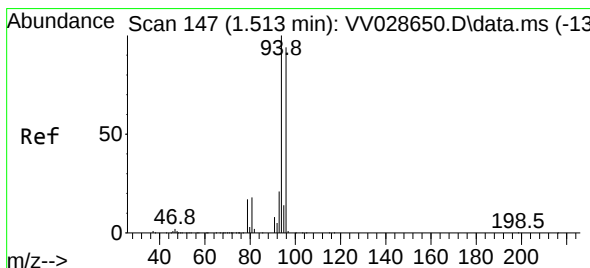
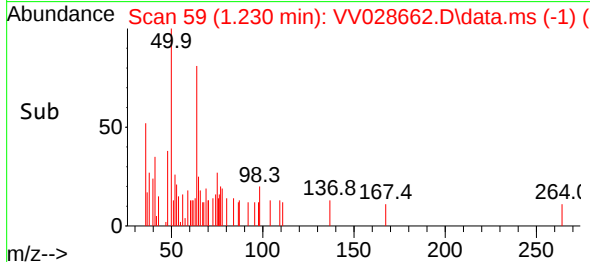
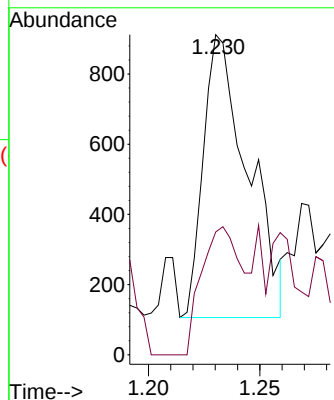
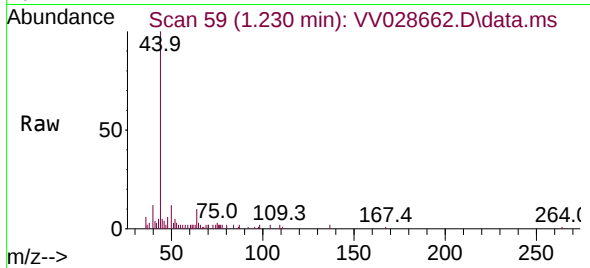




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028662.D
Acq: 21 Oct 2022 15:08

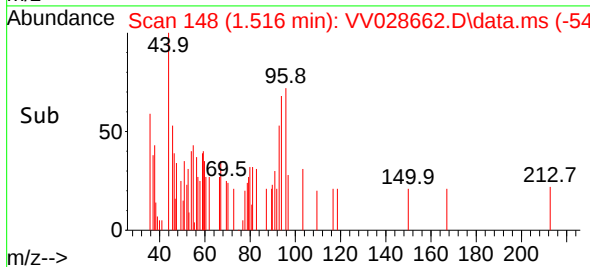
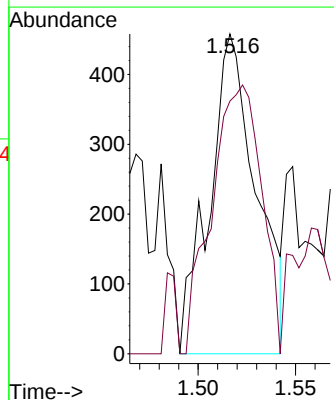
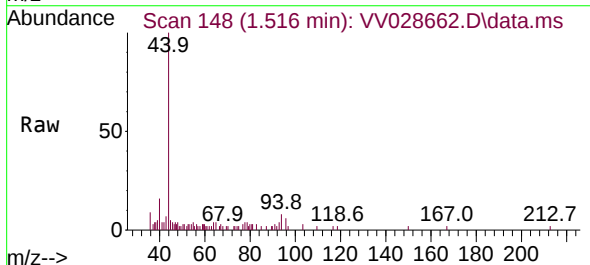
Instrument :
MSVOA_V
ClientSampleId :
BHA86

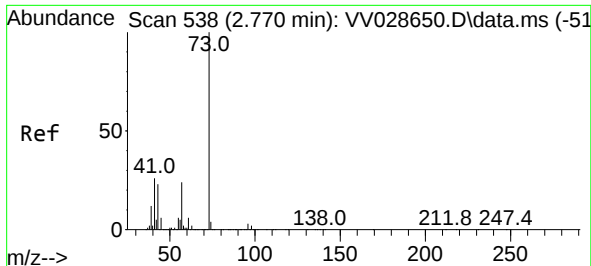
Tgt Ion: 50 Resp: 1119
Ion Ratio Lower Upper
50 100
52 38.4 21.8 40.6



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV028662.D
Acq: 21 Oct 2022 15:08

Tgt Ion: 94 Resp: 767
Ion Ratio Lower Upper
94 100
96 79.0 64.3 119.3

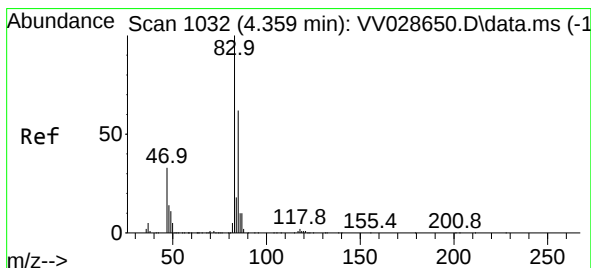
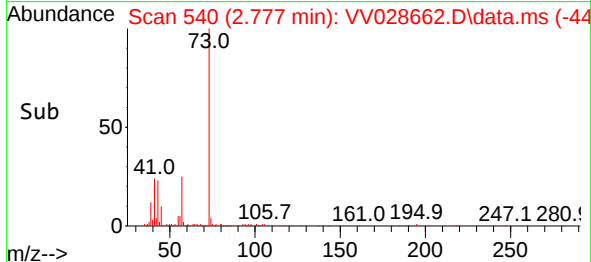
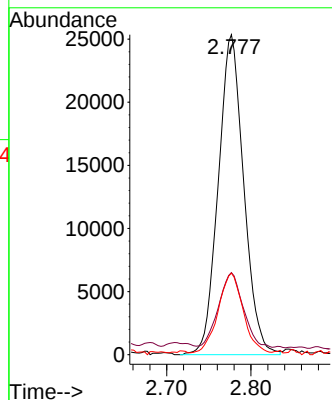
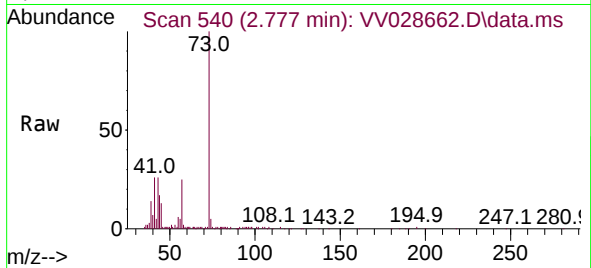




#17
Methyl tert-butyl Ether
Concen: 1.485 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV028662.D
Acq: 21 Oct 2022 15:08

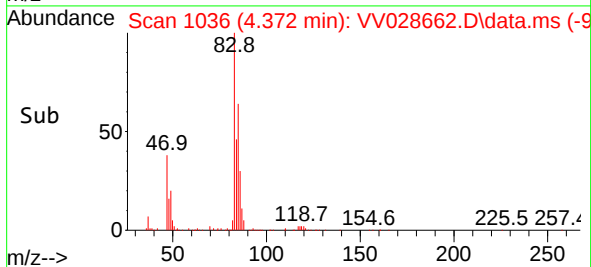
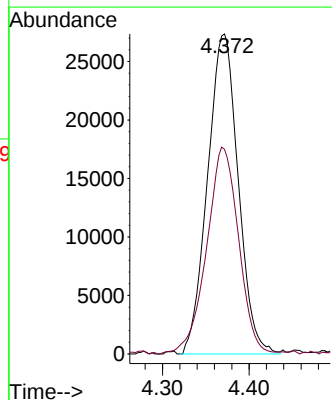
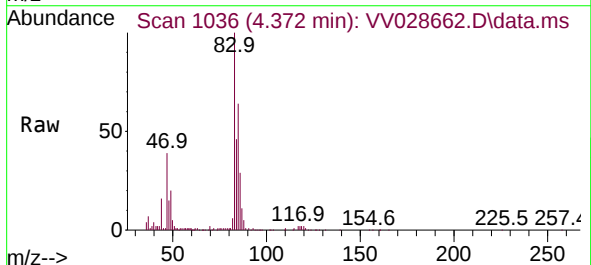
Instrument :
MSVOA_V
ClientSampleId :
BHA86

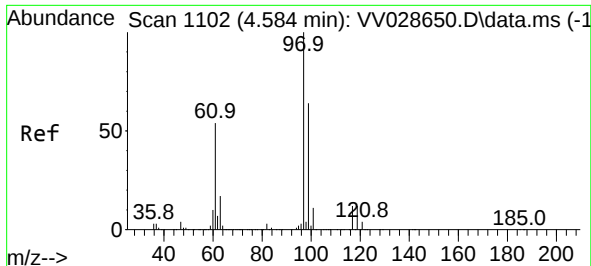
Tgt Ion: 73 Resp: 53175
Ion Ratio Lower Upper
73 100
43 22.5 18.0 27.0
57 24.1 20.0 30.0



#25
Chloroform
Concen: 2.128 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.013 min
Lab File: VV028662.D
Acq: 21 Oct 2022 15:08

Tgt Ion: 83 Resp: 67260
Ion Ratio Lower Upper
83 100
85 64.0 44.1 81.9





#29

1,1,1-Trichloroethane

Concen: 0.022 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.019 min

Lab File: VV028662.D

Acq: 21 Oct 2022 15:08

Instrument :

MSVOA_V

ClientSampleId :

BHA86

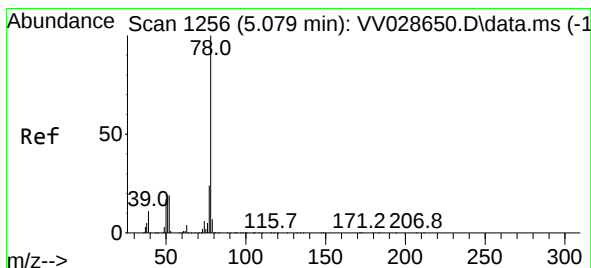
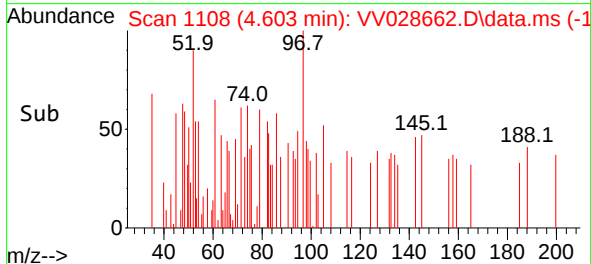
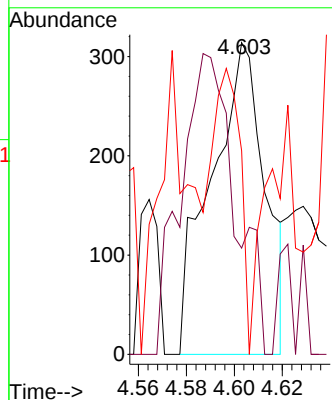
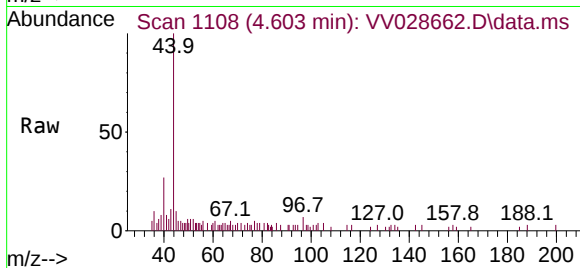
Tgt Ion: 97 Resp: 490

Ion Ratio Lower Upper

97 100

99 96.9 50.5 75.7#

61 47.8 43.1 64.7



#33

Benzene

Concen: 0.048 ug/L

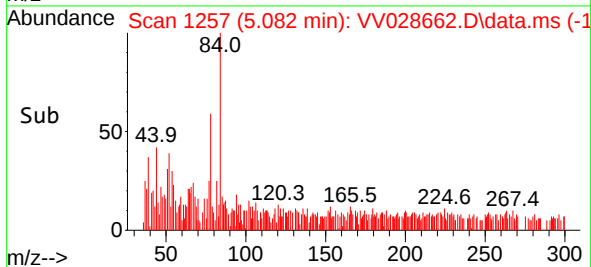
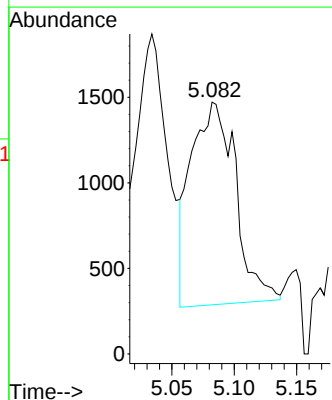
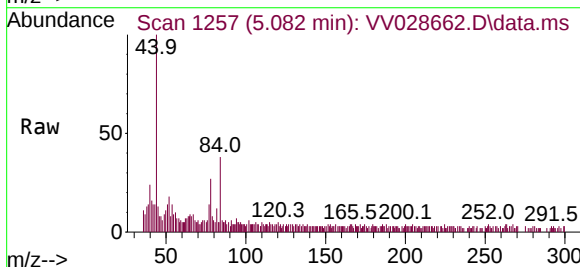
RT: 5.082 min Scan# 1257

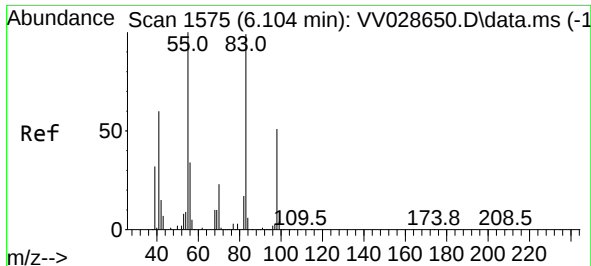
Delta R.T. 0.003 min

Lab File: VV028662.D

Acq: 21 Oct 2022 15:08

Tgt Ion: 78 Resp: 2932

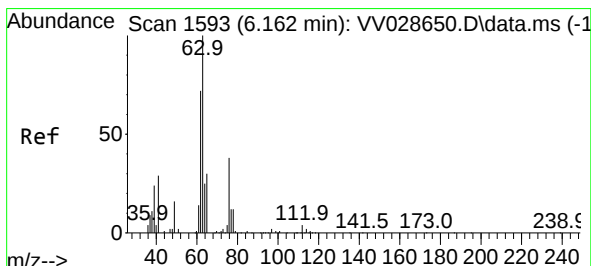
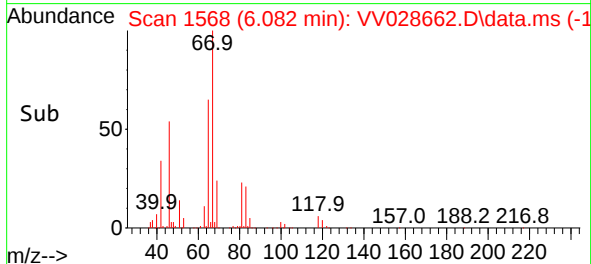
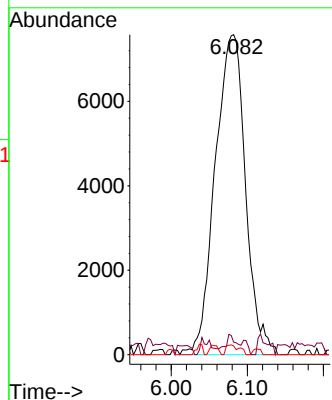
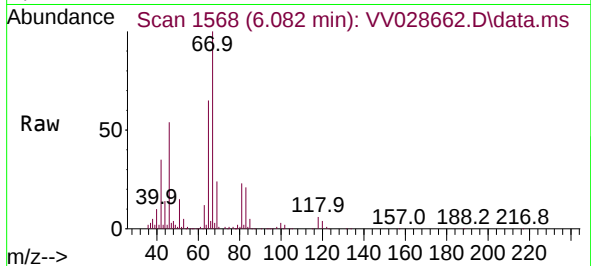




#35
Methylcyclohexane
Concen: 0.944 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.022 min
Lab File: VV028662.D
Acq: 21 Oct 2022 15:08

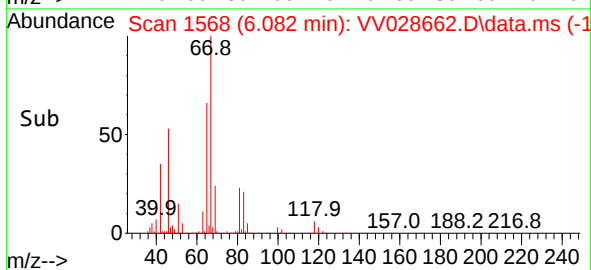
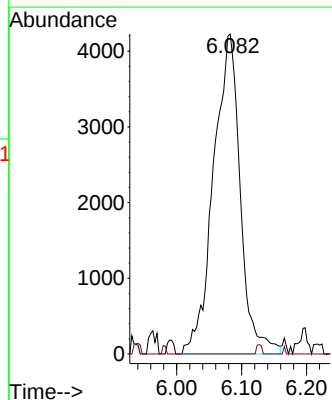
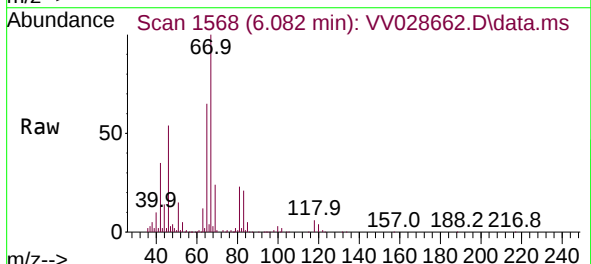
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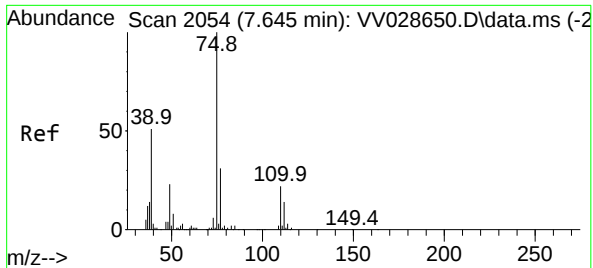
Tgt Ion: 83 Resp: 21035
Ion Ratio Lower Upper
83 100
55 2.4 70.0 105.0#
98 1.3 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 0.734 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.080 min
Lab File: VV028662.D
Acq: 21 Oct 2022 15:08

Tgt Ion: 63 Resp: 12084
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#

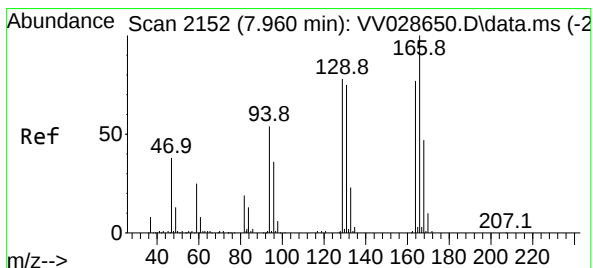
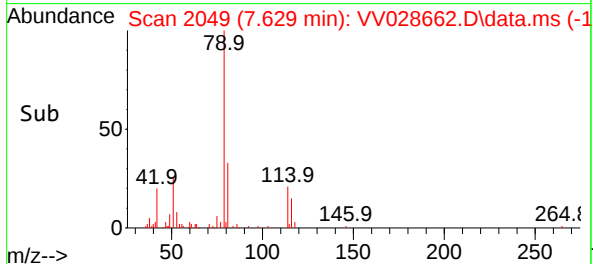
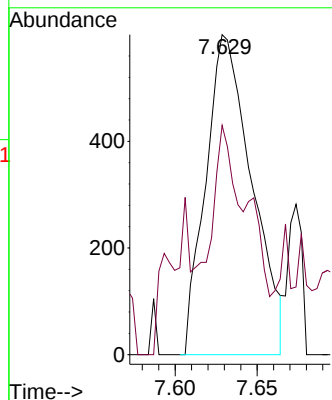
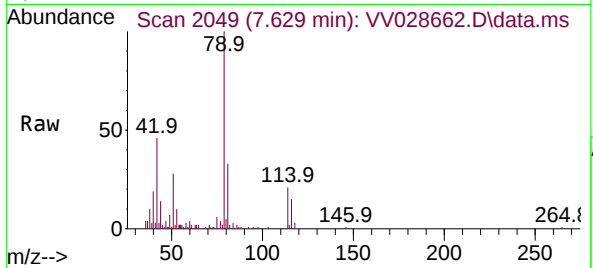




#44
trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.016 min
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Tgt Ion: 75 Resp: 1170
Ion Ratio Lower Upper
75 100
77 71.7 22.6 42.0#



#47
Tetrachloroethene
Concen: 0.078 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.023 min
Lab File: VV028662.D
Acq: 21 Oct 2022 15:08

Tgt Ion:164 Resp: 600
Ion Ratio Lower Upper
164 100
129 100.0 69.2 128.6
131 63.8 64.2 119.2#
166 84.5 87.3 162.1#

