

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026517.D
 Acq On : 23 Jun 2022 16:20
 Operator : SY/MD
 Sample : N3425-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COALO

Quant Time: Jun 24 02:02:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

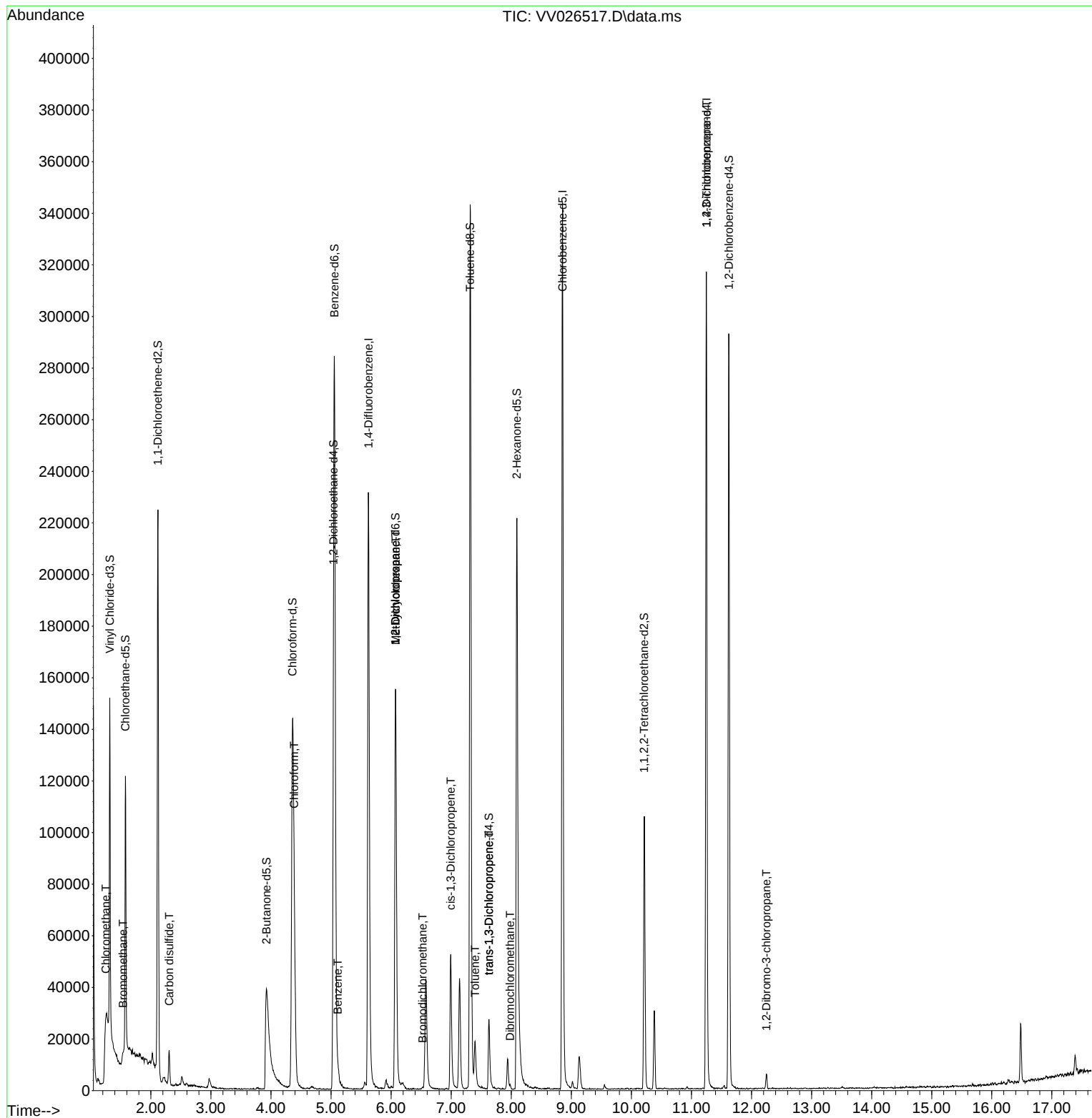
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	211101	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	199507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	84248	4.963	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.577	69	67947	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.118	63	114376	3.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.925	46	103749	61.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.940%
24) Chloroform-d	4.359	84	138653	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.040	65	56188	5.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.056	84	277148	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.072	67	80910	5.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.317	98	242113	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.629	79	17875	4.388	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.092	63	83874	54.061	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53283	5.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	79060	5.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	2159	0.123	ug/L #	79
6) Bromomethane	1.536	94	709	0.070	ug/L	71
14) Carbon disulfide	2.304	76	15326	0.407	ug/L	99
25) Chloroform	4.384	83	59505	2.130	ug/L	99
33) Benzene	5.111	78	3870	0.066	ug/L	100
35) Methylcyclohexane	6.076	83	19895	0.878	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	8138	0.580	ug/L #	86
38) Bromodichloromethane	6.526	83	761	0.046	ug/L #	62
39) cis-1,3-Dichloropropene	6.992	75	1582	0.112	ug/L #	39
42) Toluene	7.397	91	14977	0.249	ug/L	100
44) trans-1,3-Dichloropropene	7.629	75	774	0.074	ug/L #	72
49) Dibromochloromethane	7.982	129	287	0.032	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	9984	1.811	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.246	75	142	0.144	ug/L #	1

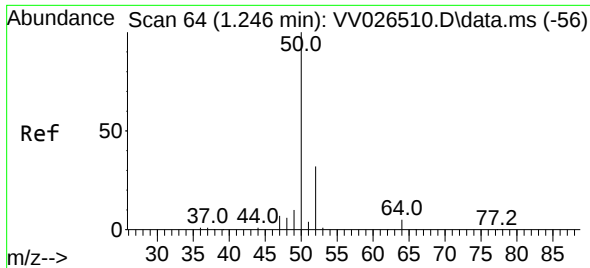
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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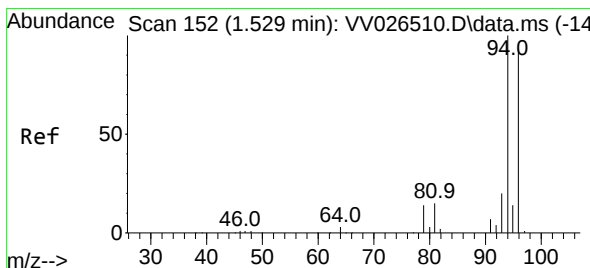
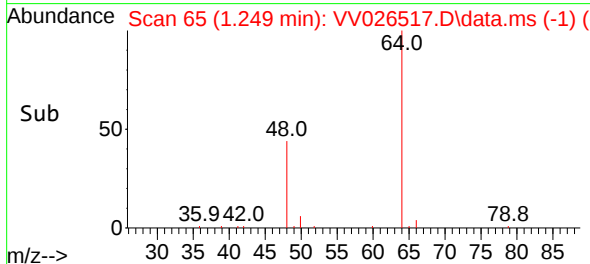
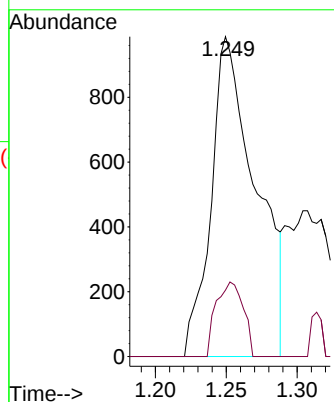
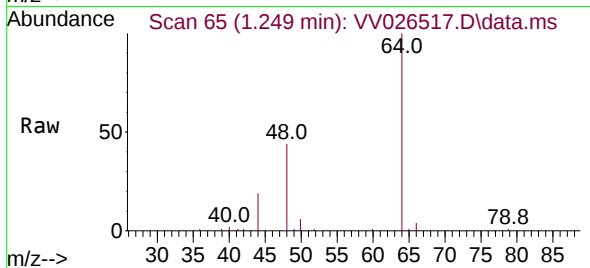




#3
Chloromethane
Concen: 0.123 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026517.D
Acq: 23 Jun 2022 16:20

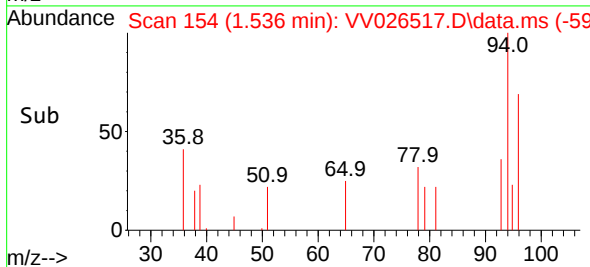
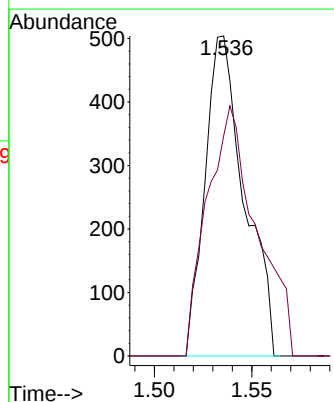
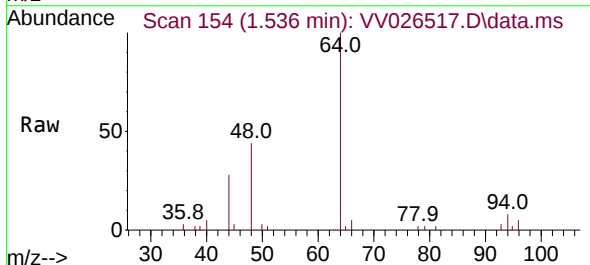
Instrument :
MSVOA_V
ClientSampleId :
COALO

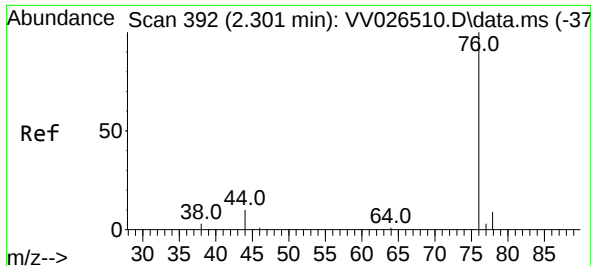
Tgt Ion: 50 Resp: 2159
Ion Ratio Lower Upper
50 100
52 20.8 23.0 42.6#



#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.006 min
Lab File: VV026517.D
Acq: 23 Jun 2022 16:20

Tgt Ion: 94 Resp: 709
Ion Ratio Lower Upper
94 100
96 68.8 68.0 126.2

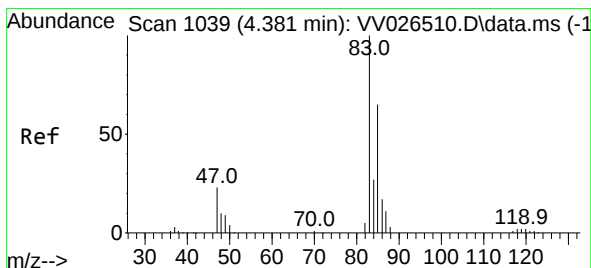
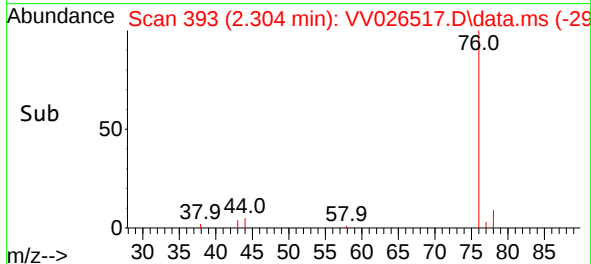
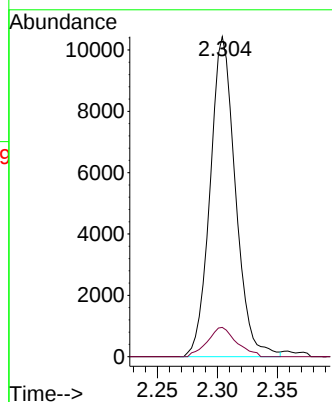
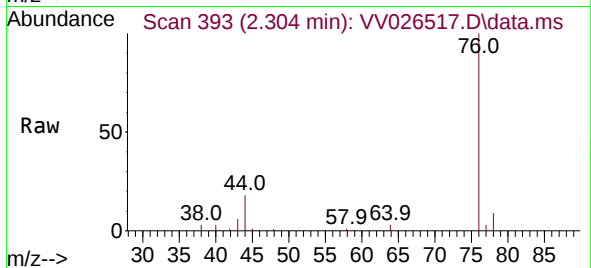




#14
Carbon disulfide
Concen: 0.407 ug/L
RT: 2.304 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV026517.D
Acq: 23 Jun 2022 16:20

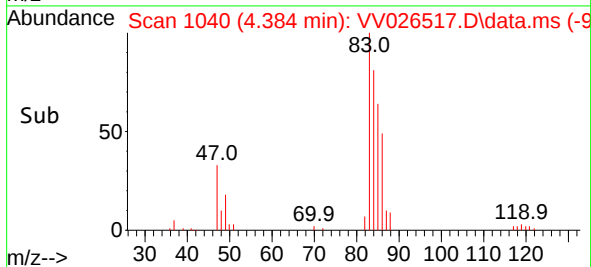
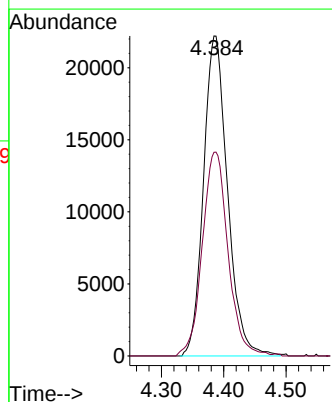
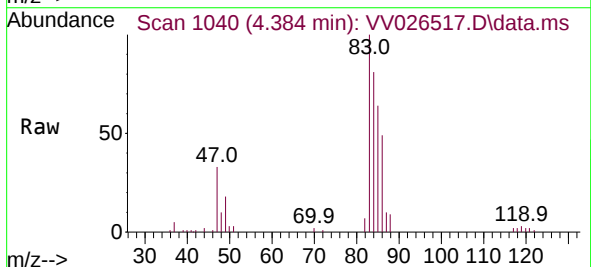
Instrument :
MSVOA_V
ClientSampleId :
COALO

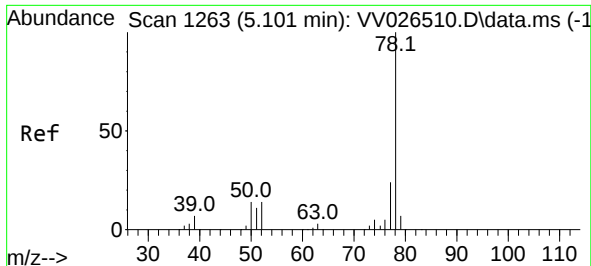
Tgt Ion: 76 Resp: 15326
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6



#25
Chloroform
Concen: 2.130 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VV026517.D
Acq: 23 Jun 2022 16:20

Tgt Ion: 83 Resp: 59505
Ion Ratio Lower Upper
83 100
85 63.6 44.0 81.8

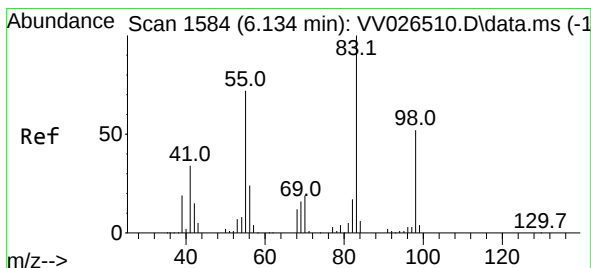
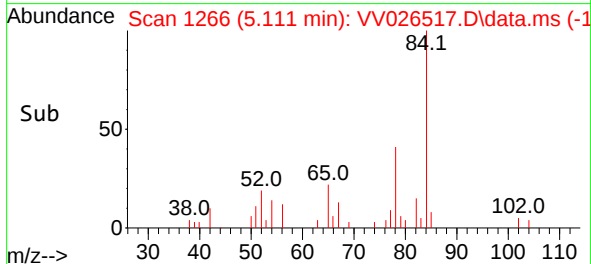
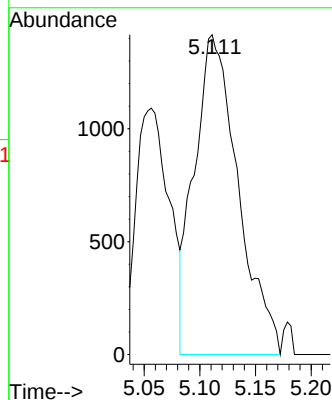
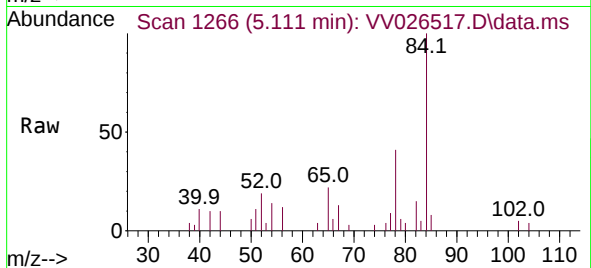




#33
Benzene
Concen: 0.066 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026517.D
Acq: 23 Jun 2022 16:20

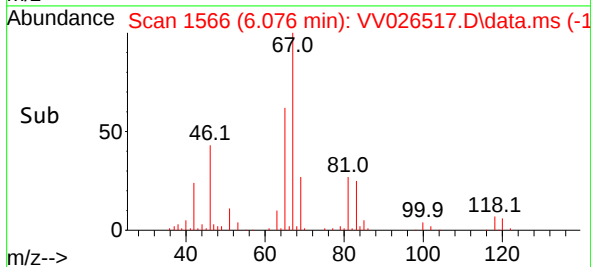
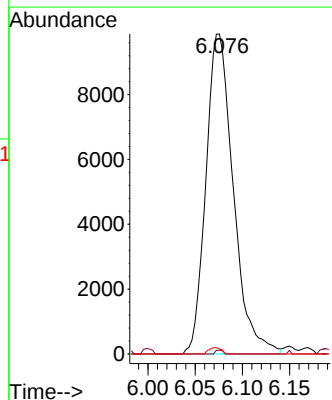
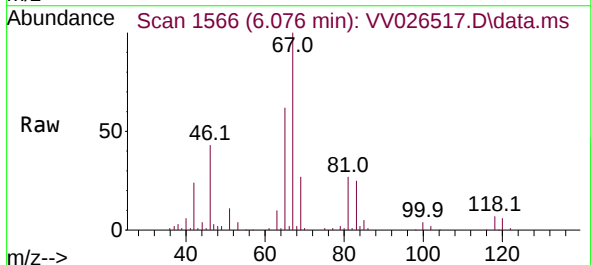
Instrument :
MSVOA_V
ClientSampleId :
COALO

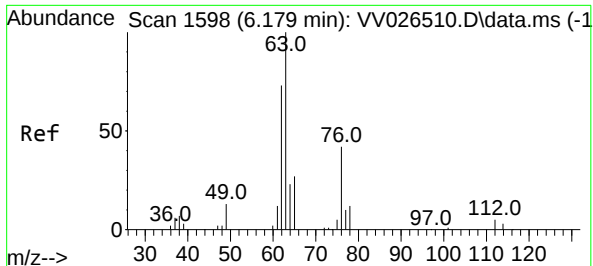
Tgt Ion: 78 Resp: 3870



#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026517.D
Acq: 23 Jun 2022 16:20

Tgt Ion: 83 Resp: 19895
Ion Ratio Lower Upper
83 100
55 0.3 57.0 85.4#
98 0.9 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV026517.D

Acq: 23 Jun 2022 16:20

Instrument :

MSVOA_V

ClientSampleId :

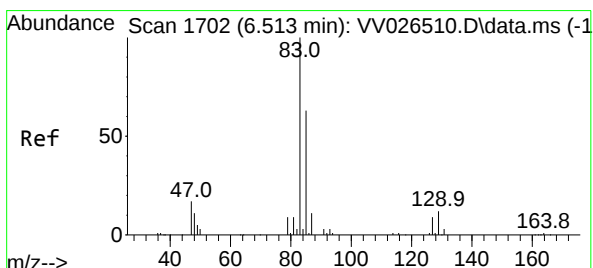
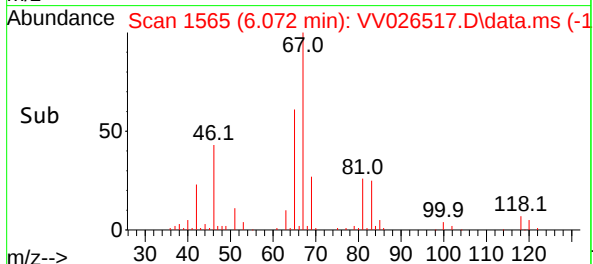
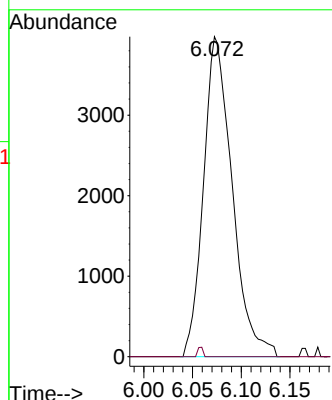
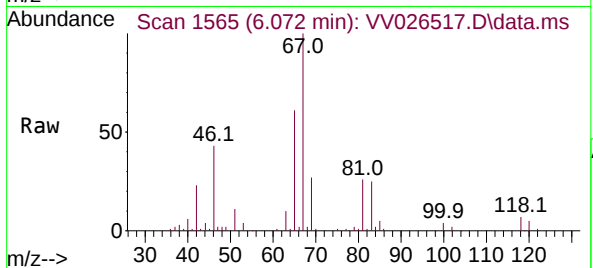
COALO

Tgt Ion: 63 Resp: 8138

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.4#



#38

Bromodichloromethane

Concen: 0.046 ug/L

RT: 6.526 min Scan# 1706

Delta R.T. 0.013 min

Lab File: VV026517.D

Acq: 23 Jun 2022 16:20

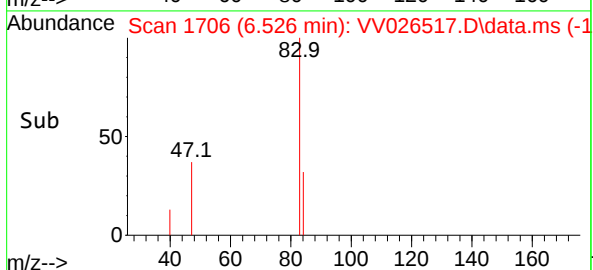
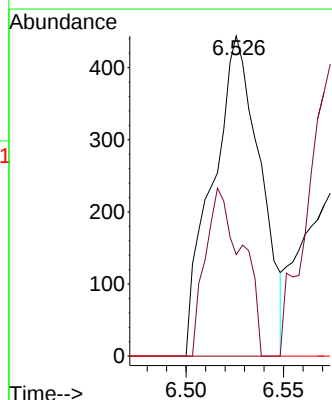
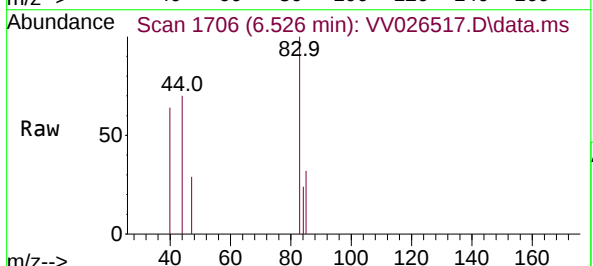
Tgt Ion: 83 Resp: 761

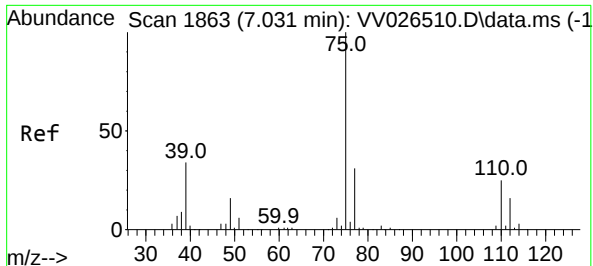
Ion Ratio Lower Upper

83 100

85 31.8 44.0 81.8#

127 0.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026517.D

Acq: 23 Jun 2022 16:20

Instrument :

MSVOA_V

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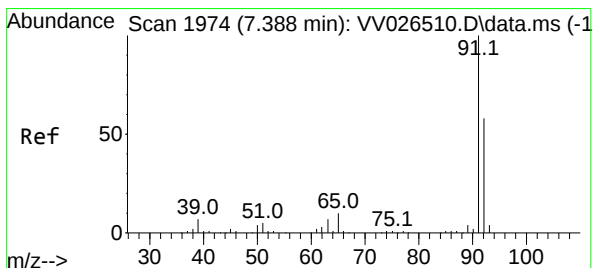
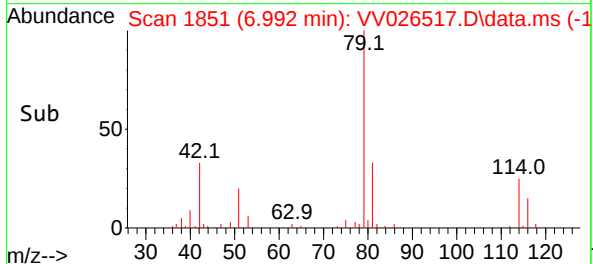
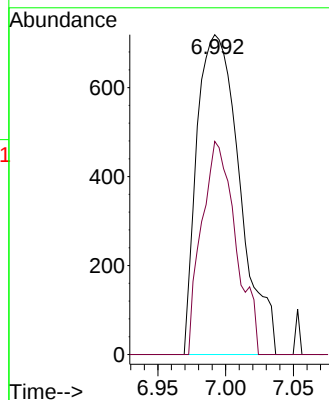
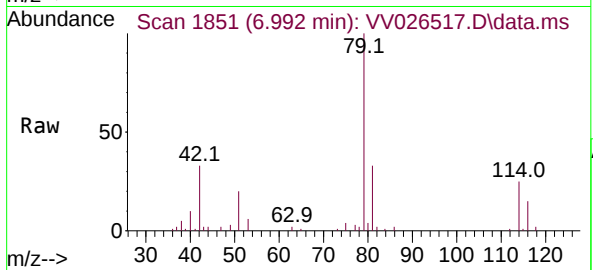
COALO

Tgt Ion: 75 Resp: 1582

Ion Ratio Lower Upper

75 100

77 66.6 22.8 42.4#



#42

Toluene

Concen: 0.249 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV026517.D

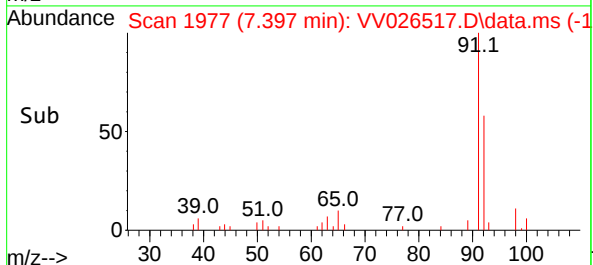
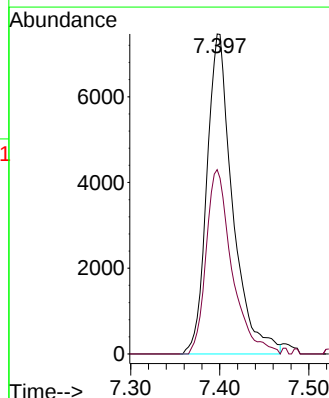
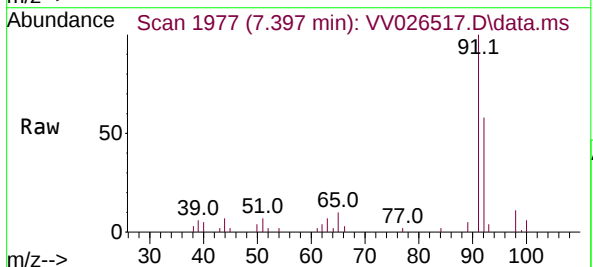
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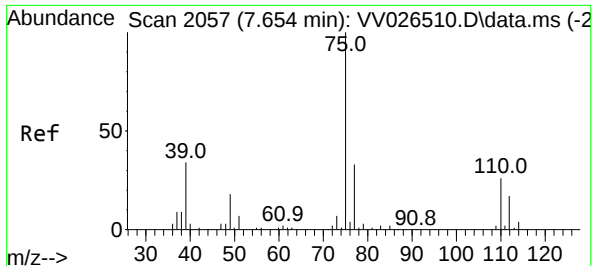
Tgt Ion: 91 Resp: 14977

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9

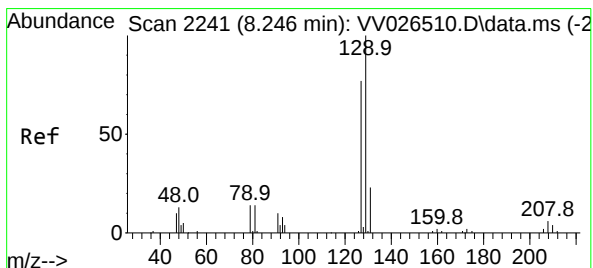
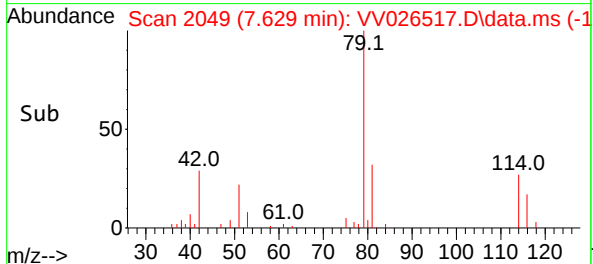
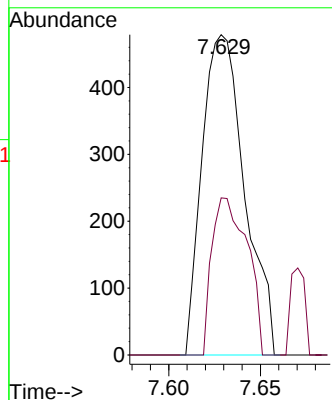
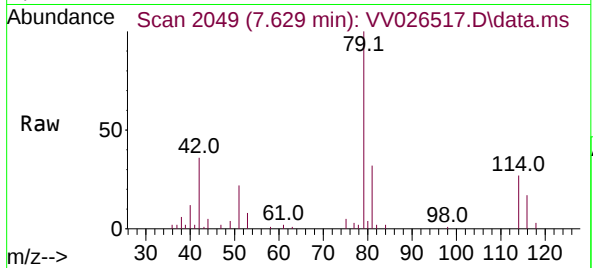




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.026 min
Lab File: VV026517.D
Acq: 23 Jun 2022 16:20

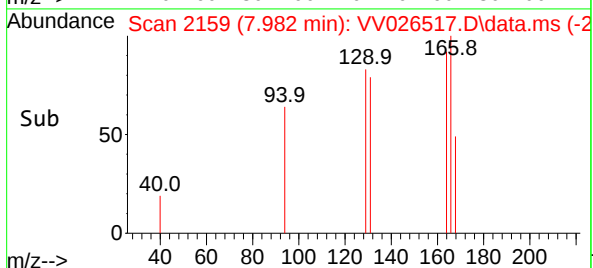
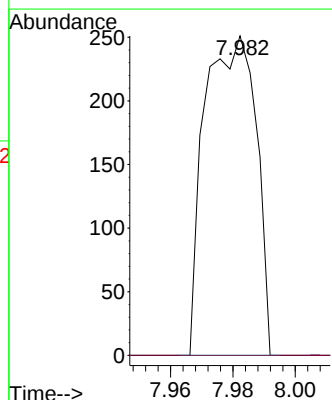
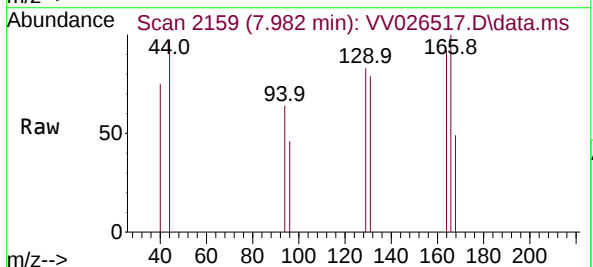
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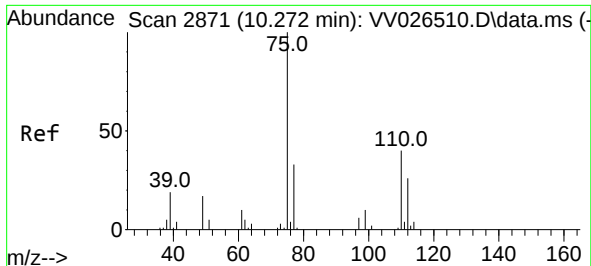
Tgt Ion: 75 Resp: 774
Ion Ratio Lower Upper
75 100
77 49.1 23.1 42.9#



#49
Dibromochloromethane
Concen: 0.032 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV026517.D
Acq: 23 Jun 2022 16:20

Tgt Ion: 129 Resp: 287
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#

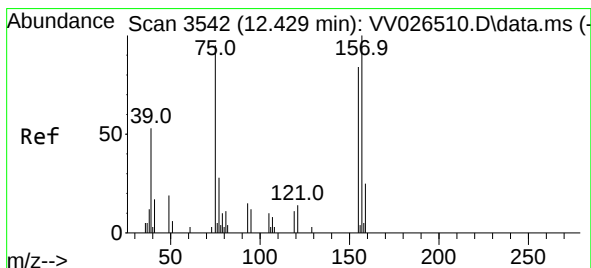
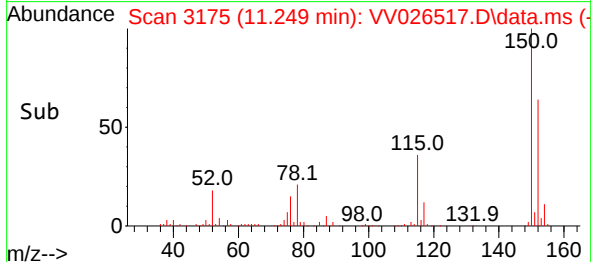
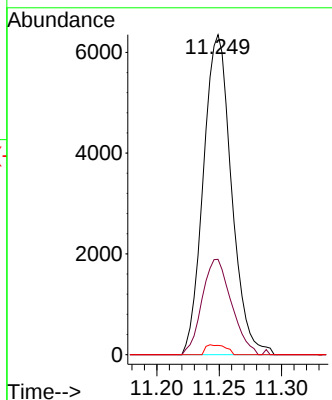
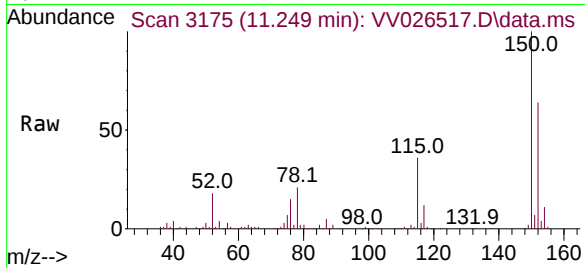




#61
 1,2,3-Trichloropropane
 Concen: 1.811 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV026517.D
 Acq: 23 Jun 2022 16:20

Instrument :
 MSVOA_V
 ClientSampleId :
 COALO

Tgt Ion: 75 Resp: 9984
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.6
 110 2.2 32.5 48.7#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.144 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.183 min
 Lab File: VV026517.D
 Acq: 23 Jun 2022 16:20

Tgt Ion: 75 Resp: 142
 Ion Ratio Lower Upper
 75 100
 155 0.0 74.7 112.1#
 157 0.0 96.9 145.3#

