

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062722\
 Data File : VW026569.D
 Acq On : 27 Jun 2022 12:56
 Operator : SY/MD
 Sample : N3425-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAL5

Quant Time: Jun 28 01:52:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

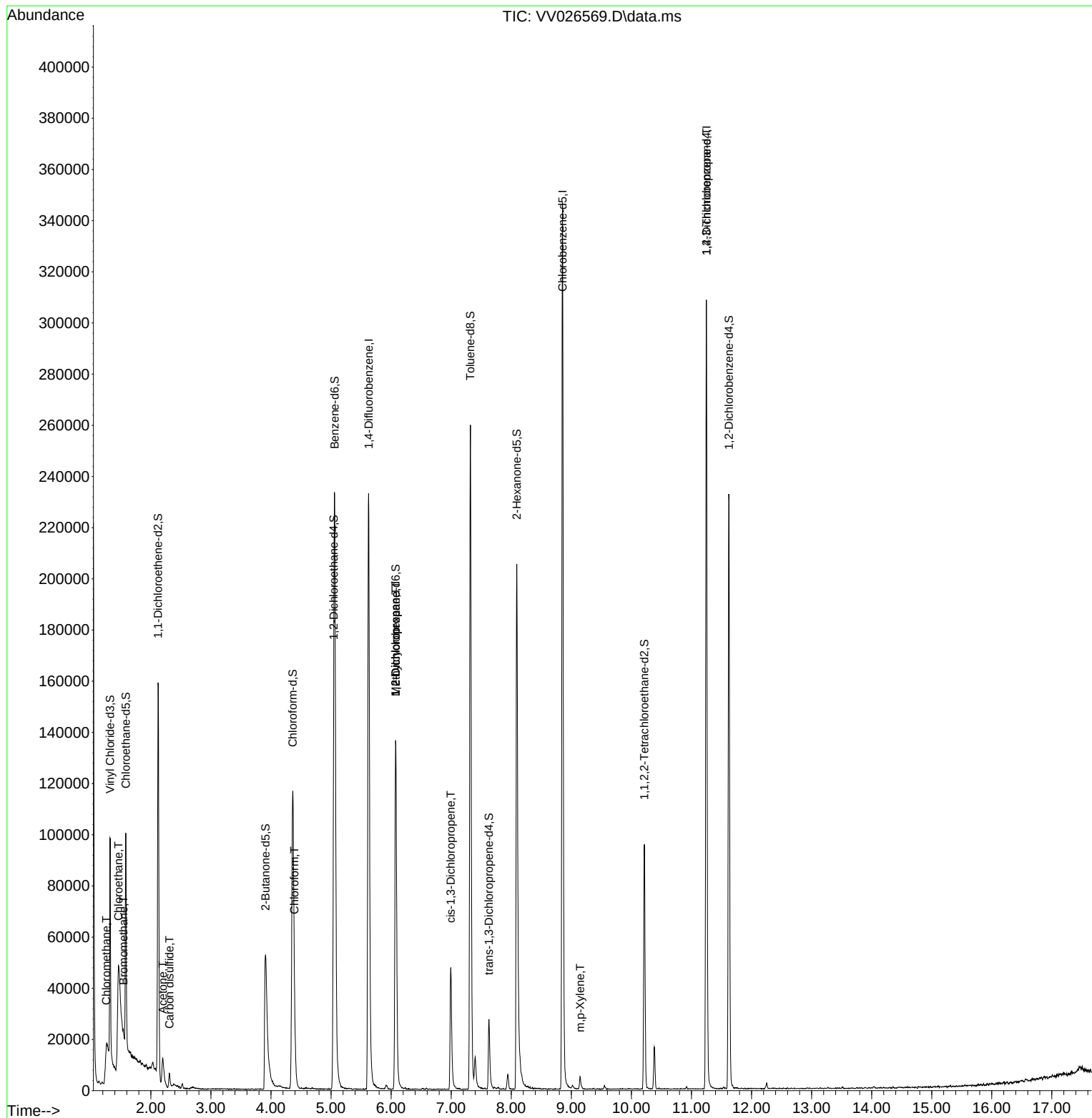
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.626	114	211142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	204224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	57297	3.374	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.584	69	54767	4.015	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.200%	
11) 1,1-Dichloroethene-d2	2.121	63	82281	2.727	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.600%#	
20) 2-Butanone-d5	3.909	46	100201	59.354	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.700%	
24) Chloroform-d	4.362	84	122044	4.397	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.044	65	50077	4.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.060	84	227342	3.876	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
36) 1,2-Dichloropropane-d6	6.076	67	70487	4.370	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.320	98	181716	3.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	7.629	79	17755	4.258	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.092	63	70251	44.234	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47624	4.513	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	63734	4.504	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1589	0.090	ug/L #	81
6) Bromomethane	1.542	94	697	0.069	ug/L	96
8) Chloroethane	1.462	64	137455	10.795	ug/L #	55
13) Acetone	2.198	43	16496	15.403	ug/L	100
14) Carbon disulfide	2.311	76	6352	0.169	ug/L	96
25) Chloroform	4.388	83	14934	0.534	ug/L	99
35) Methylcyclohexane	6.076	83	16443	0.709	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	7269	0.506	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1168	0.081	ug/L #	59
53) m,p-Xylene	9.146	106	1719	0.069	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	9373	1.693	ug/L #	66

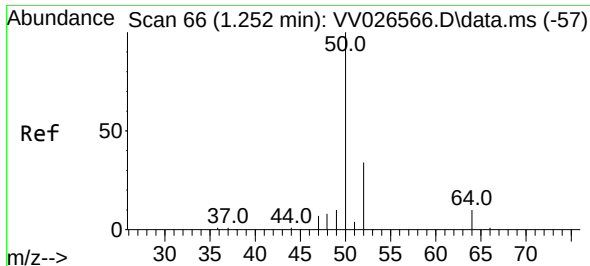
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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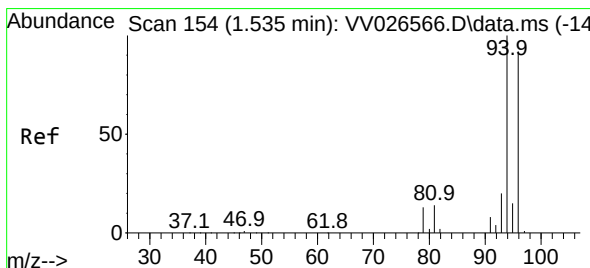
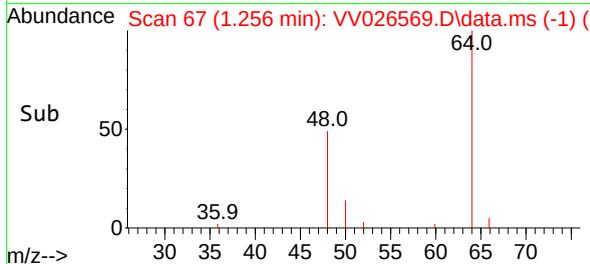
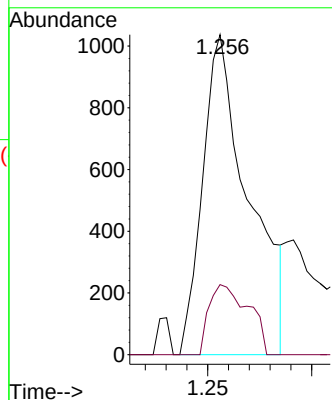
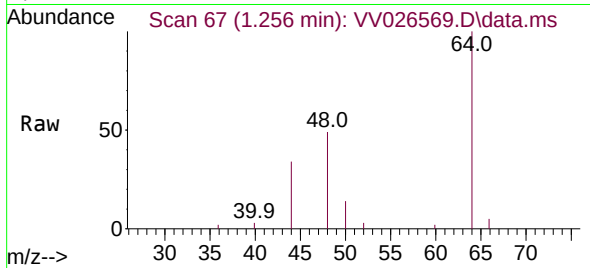




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026569.D
Acq: 27 Jun 2022 12:56

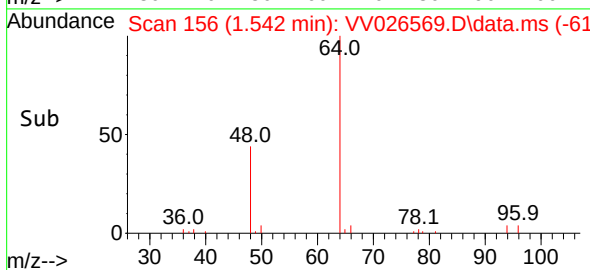
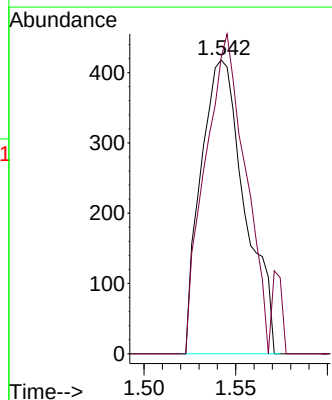
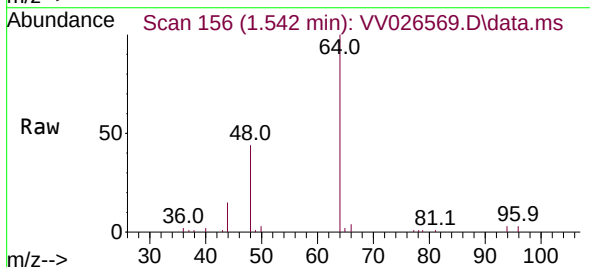
Instrument :
MSVOA_V
ClientSampleId :
C0AL5

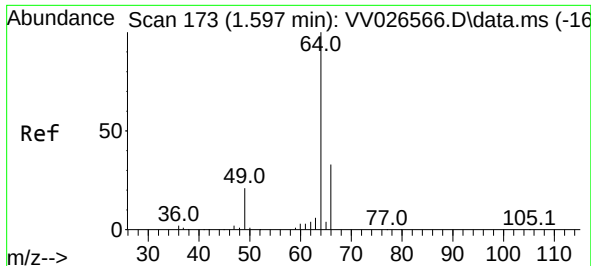
Tgt Ion: 50 Resp: 1589
Ion Ratio Lower Upper
50 100
52 21.9 23.0 42.6#



#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.007 min
Lab File: VV026569.D
Acq: 27 Jun 2022 12:56

Tgt Ion: 94 Resp: 697
Ion Ratio Lower Upper
94 100
96 100.7 68.0 126.2

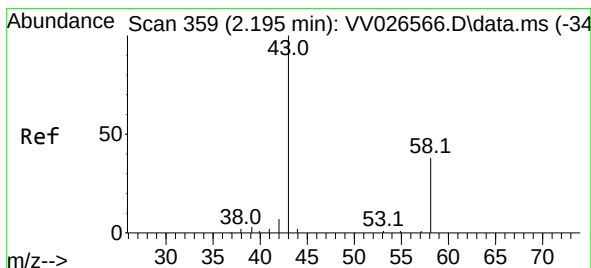
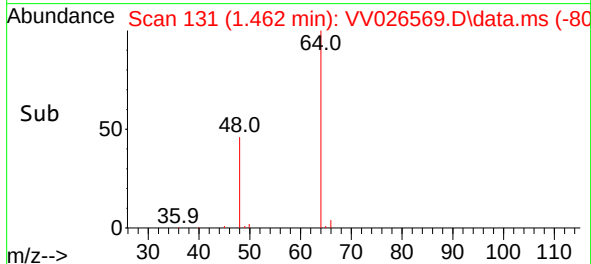
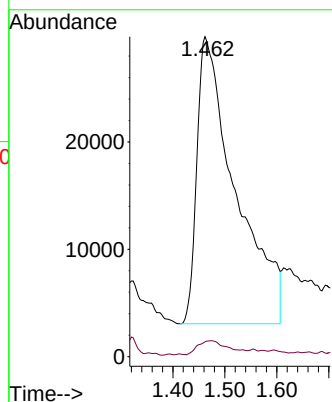
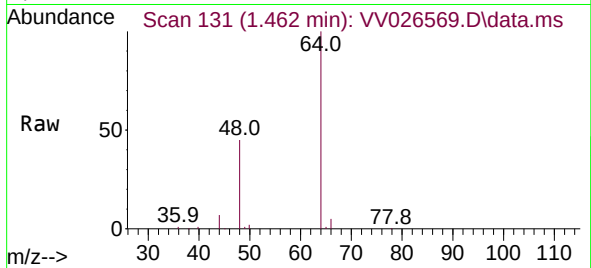




#8
Chloroethane
Concen: 10.795 ug/L
RT: 1.462 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV026569.D
Acq: 27 Jun 2022 12:56

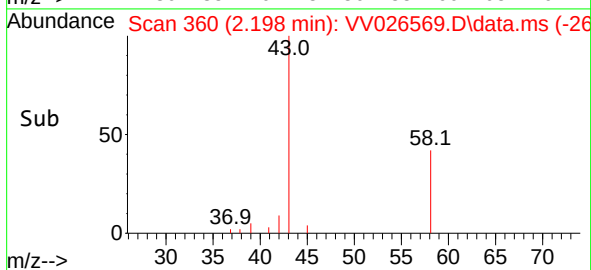
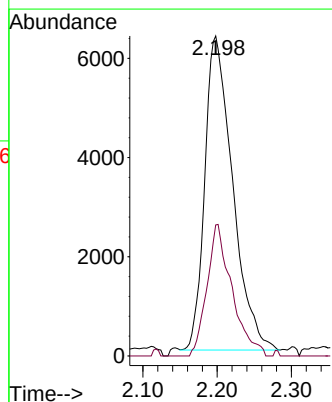
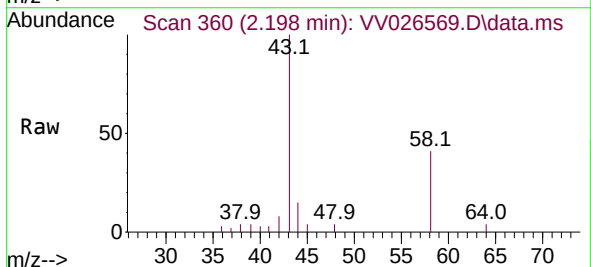
Instrument :
MSVOA_V
ClientSampleId :
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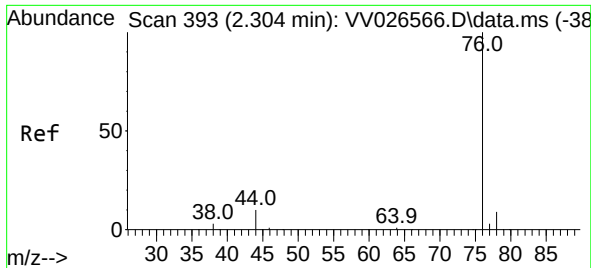
Tgt Ion: 64 Resp: 137455
Ion Ratio Lower Upper
64 100
66 4.7 20.0 37.2#



#13
Acetone
Concen: 15.403 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV026569.D
Acq: 27 Jun 2022 12:56

Tgt Ion: 43 Resp: 16496
Ion Ratio Lower Upper
43 100
58 37.5 0.0 75.0

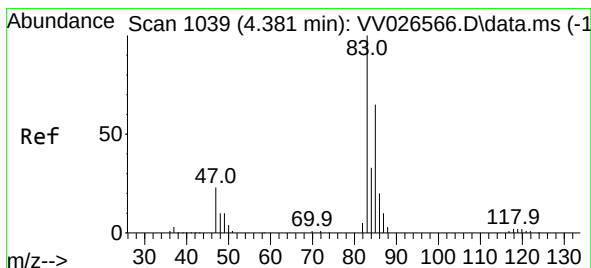
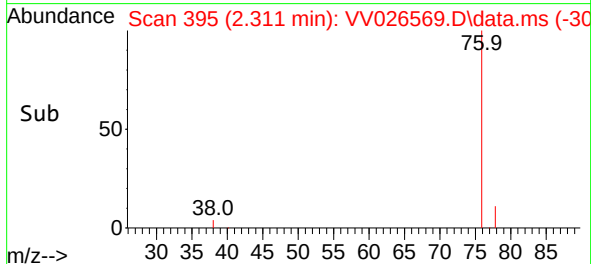
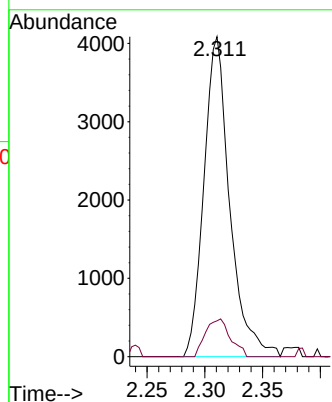
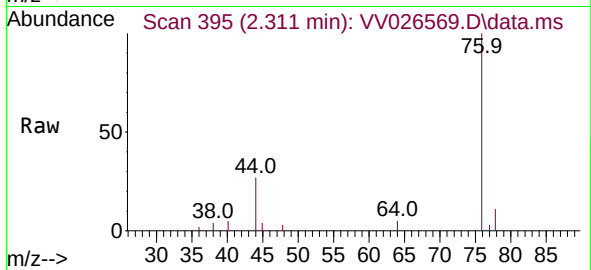




#14
Carbon disulfide
Concen: 0.169 ug/L
RT: 2.311 min Scan# 395
Delta R.T. 0.007 min
Lab File: VV026569.D
Acq: 27 Jun 2022 12:56

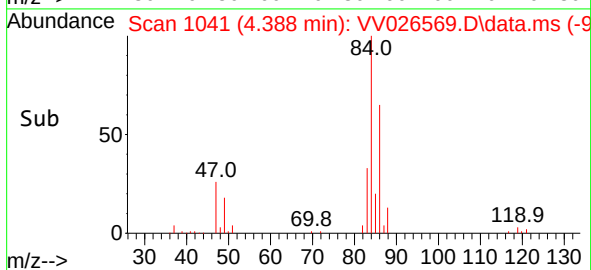
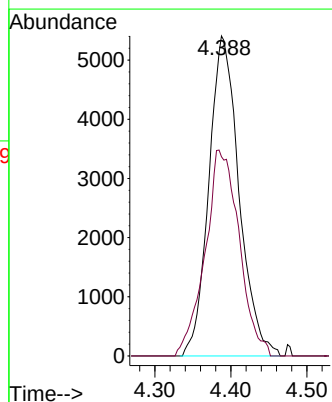
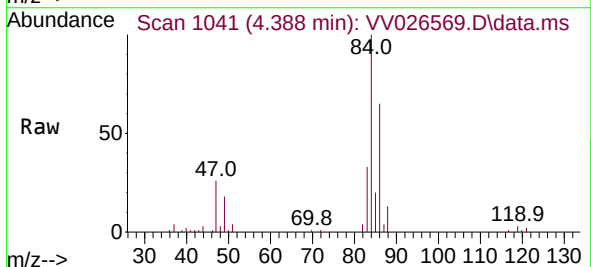
Instrument :
MSVOA_V
ClientSampleId :
COAL5

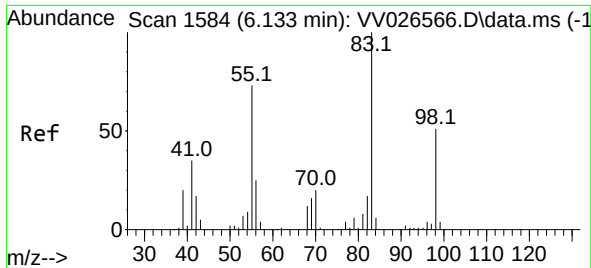
Tgt Ion: 76 Resp: 6352
Ion Ratio Lower Upper
76 100
78 11.2 7.8 11.6



#25
Chloroform
Concen: 0.534 ug/L
RT: 4.388 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VV026569.D
Acq: 27 Jun 2022 12:56

Tgt Ion: 83 Resp: 14934
Ion Ratio Lower Upper
83 100
85 62.2 44.0 81.8

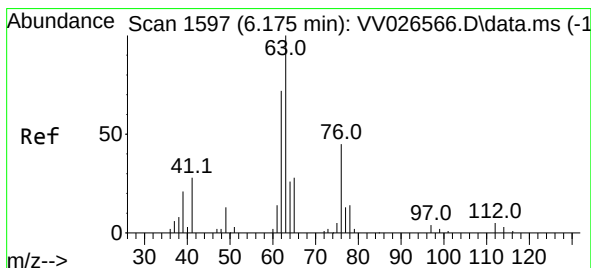
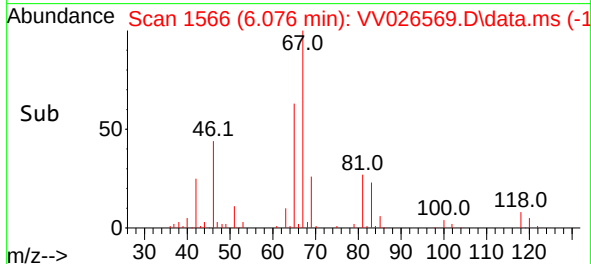
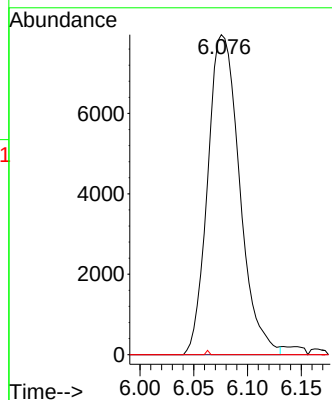
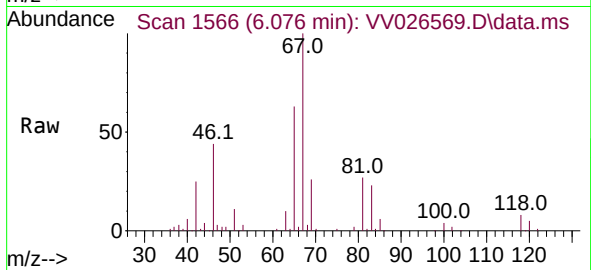




#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026569.D
Acq: 27 Jun 2022 12:56

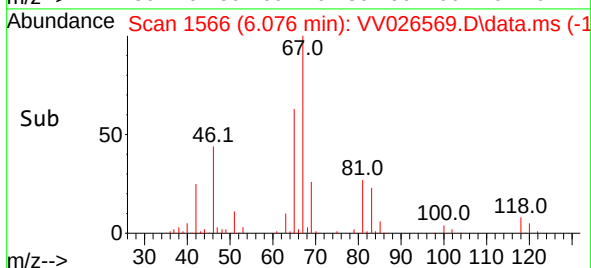
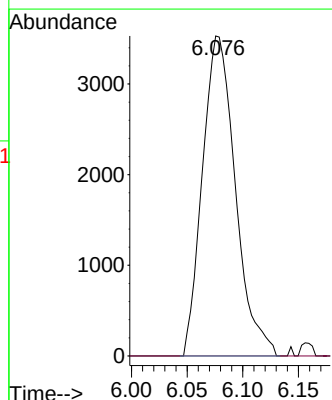
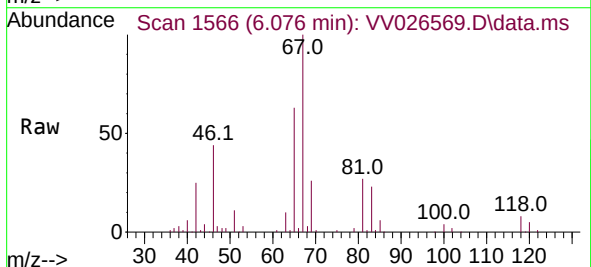
Instrument :
MSVOA_V
ClientSampleId :
C0AL5

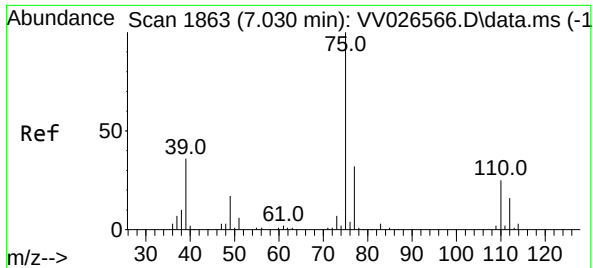
Tgt Ion: 83 Resp: 16443
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.1 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.099 min
Lab File: VV026569.D
Acq: 27 Jun 2022 12:56

Tgt Ion: 63 Resp: 7269
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV026569.D

Acq: 27 Jun 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

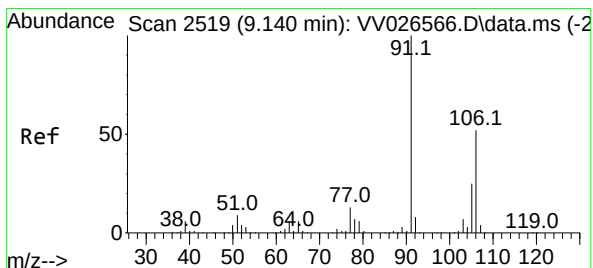
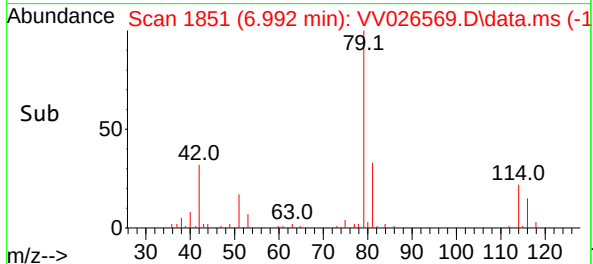
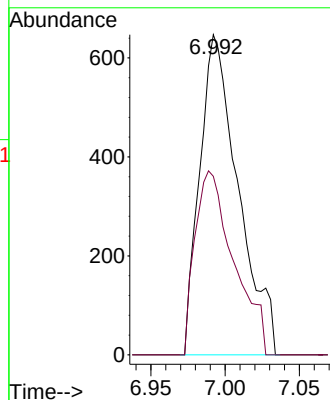
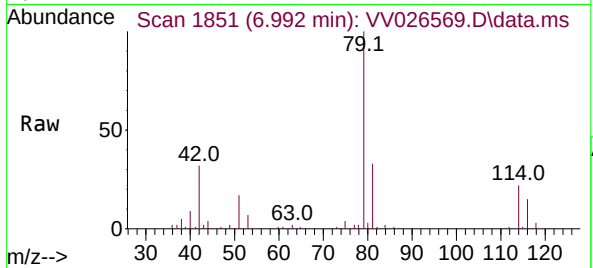
COAL5

Tgt Ion: 75 Resp: 1168

Ion Ratio Lower Upper

75 100

77 55.8 22.8 42.4#



#53

m,p-Xylene

Concen: 0.069 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.007 min

Lab File: VV026569.D

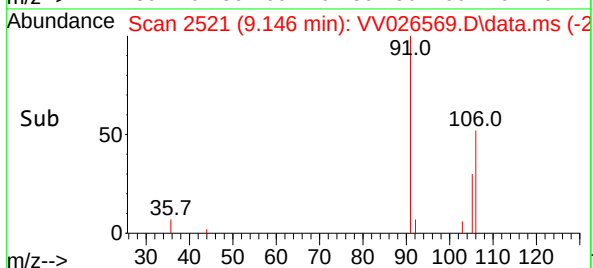
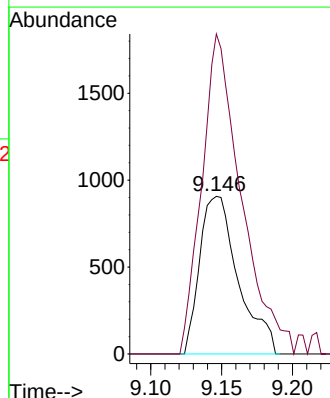
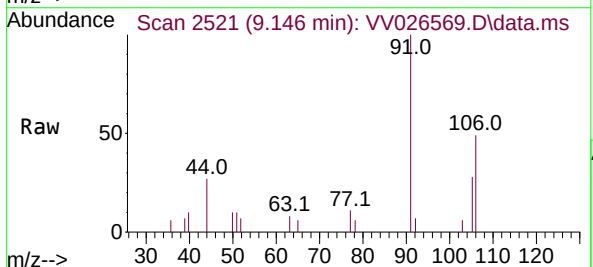
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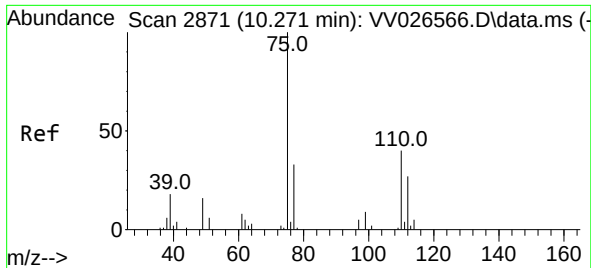
Tgt Ion: 106 Resp: 1719

Ion Ratio Lower Upper

106 100

91 203.0 139.9 259.9





#61
 1,2,3-Trichloropropane
 Concen: 1.693 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV026569.D
 Acq: 27 Jun 2022 12:56

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL5

Tgt Ion: 75 Resp: 9373
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6
 110 2.9 32.5 48.7#

