

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062722\
 Data File : VW026568.D
 Acq On : 27 Jun 2022 12:32
 Operator : SY/MD
 Sample : N3425-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAL4

Quant Time: Jun 28 01:52:21 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)

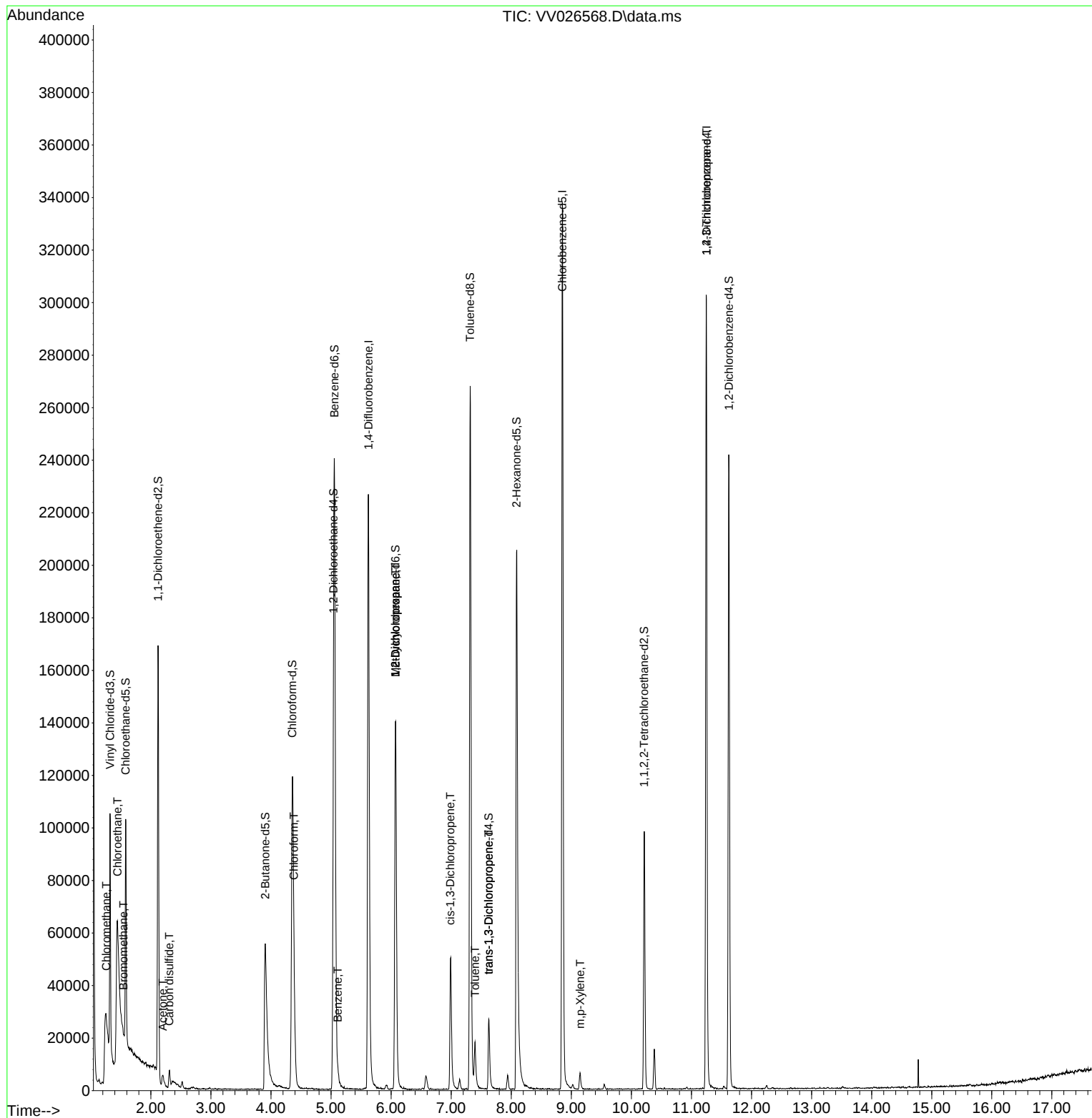
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	208131	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	59779	3.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.580	69	55850	4.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.121	63	85040	2.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.905	46	100610	60.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.920%
24) Chloroform-d	4.355	84	124186	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.040	65	50439	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.056	84	232624	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.072	67	72543	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	188777	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.625	79	17330	4.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	70870	46.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48430	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	65751	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1381	0.080	ug/L	85
6) Bromomethane	1.542	94	744	0.074	ug/L	88
8) Chloroethane	1.442	64	185202	14.756	ug/L #	55
13) Acetone	2.198	43	6574	6.227	ug/L	98
14) Carbon disulfide	2.307	76	8097	0.218	ug/L	98
25) Chloroform	4.381	83	21987	0.798	ug/L	97
33) Benzene	5.114	78	3813	0.066	ug/L	100
35) Methylcyclohexane	6.072	83	18333	0.817	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	7647	0.550	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1382	0.099	ug/L	84
42) Toluene	7.397	91	13538	0.227	ug/L	95
44) trans-1,3-Dichloropropene	7.625	75	769	0.074	ug/L	84
53) m,p-Xylene	9.146	106	1953	0.081	ug/L	77
61) 1,2,3-Trichloropropane	11.249	75	9608	1.787	ug/L #	64

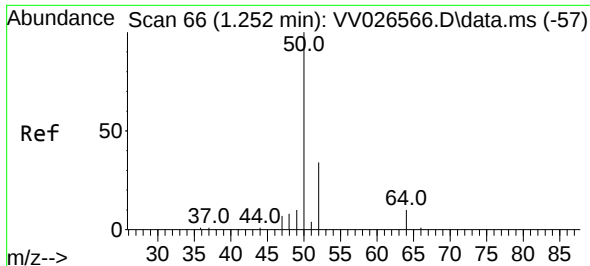
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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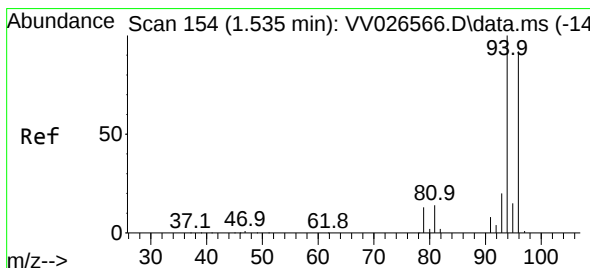
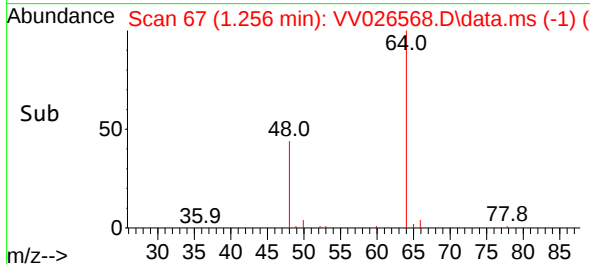
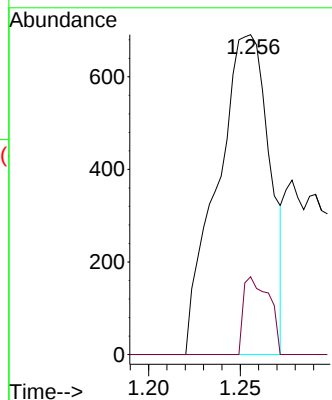
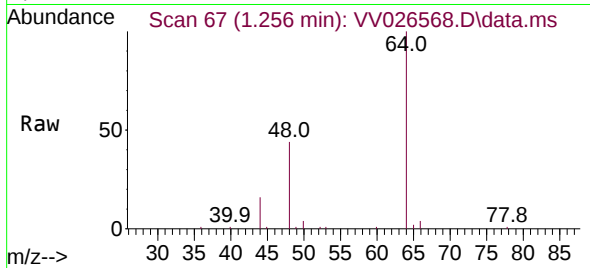




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

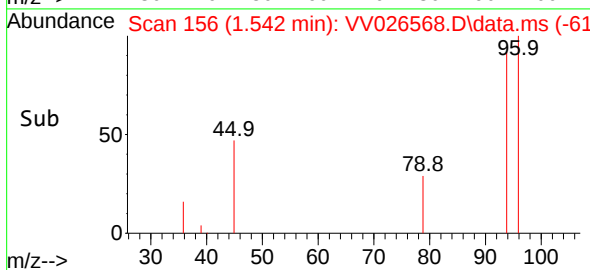
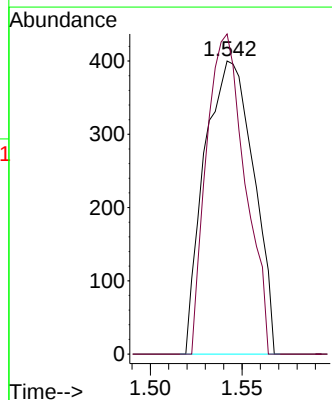
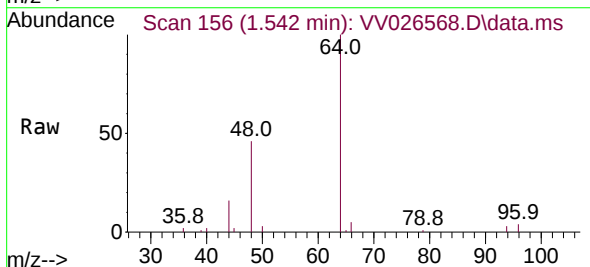
Instrument :
MSVOA_V
ClientSampleId :
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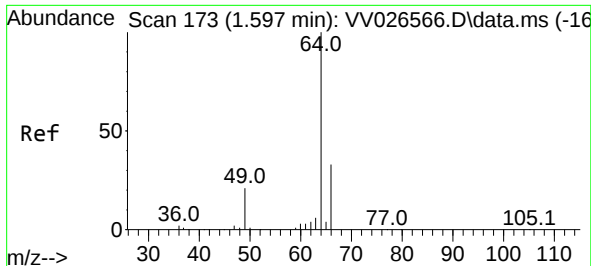
Tgt Ion: 50 Resp: 1381
Ion Ratio Lower Upper
50 100
52 24.3 23.0 42.6



#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

Tgt Ion: 94 Resp: 744
Ion Ratio Lower Upper
94 100
96 109.3 68.0 126.2

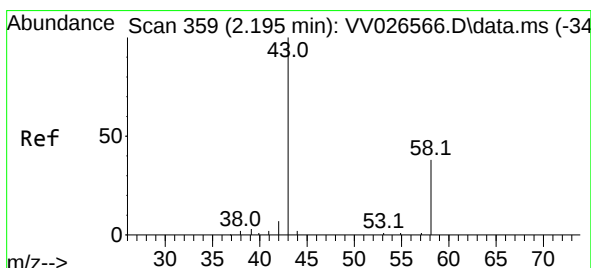
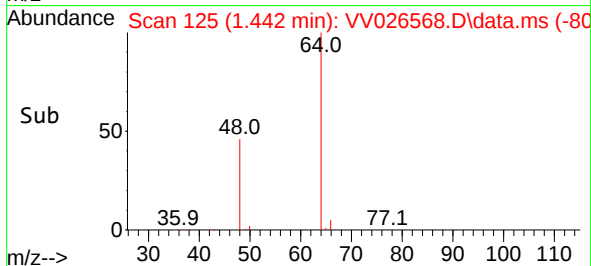
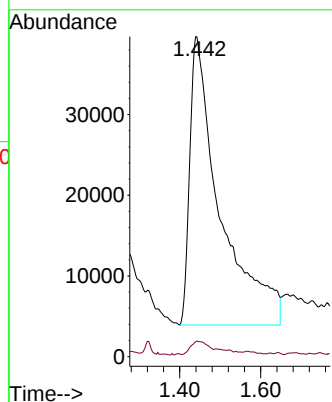
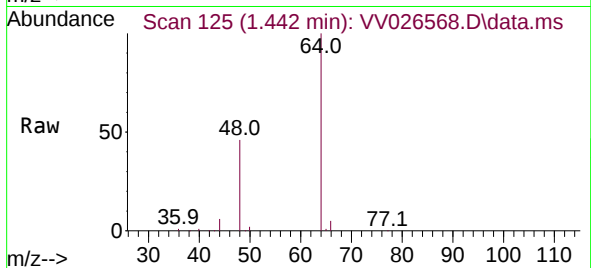




#8
Chloroethane
Concen: 14.756 ug/L
RT: 1.442 min Scan# 11
Delta R.T. -0.154 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

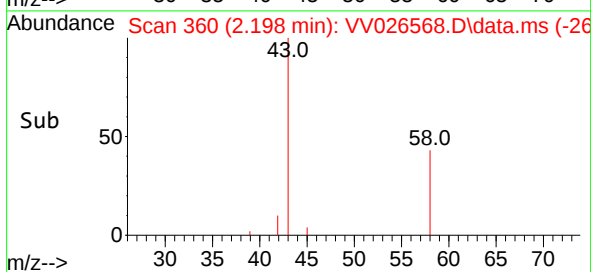
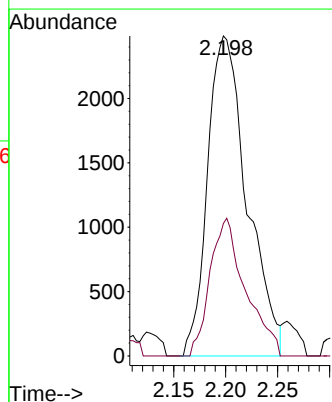
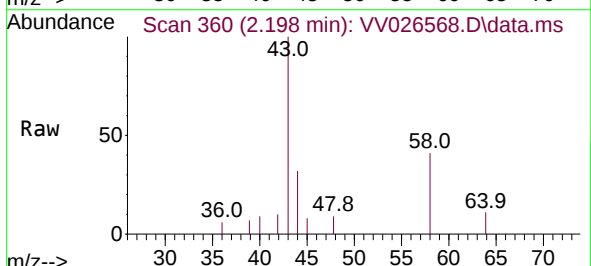
Instrument :
MSVOA_V
ClientSampleId :
COAL4

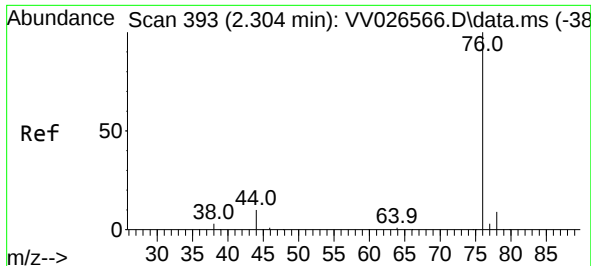
Tgt Ion: 64 Resp: 185202
Ion Ratio Lower Upper
64 100
66 4.8 20.0 37.2#



#13
Acetone
Concen: 6.227 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

Tgt Ion: 43 Resp: 6574
Ion Ratio Lower Upper
43 100
58 38.5 0.0 75.0

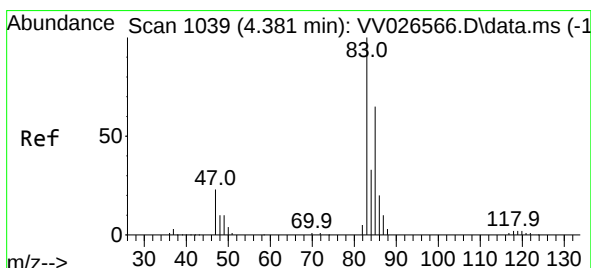
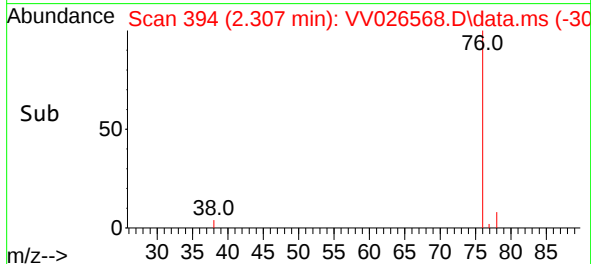
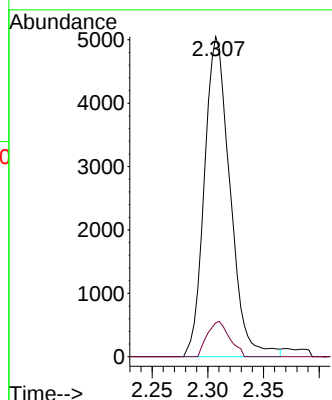
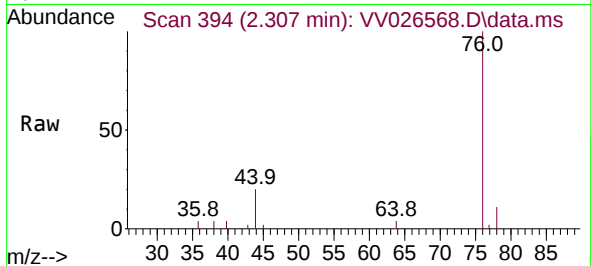




#14
Carbon disulfide
Concen: 0.218 ug/L
RT: 2.307 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

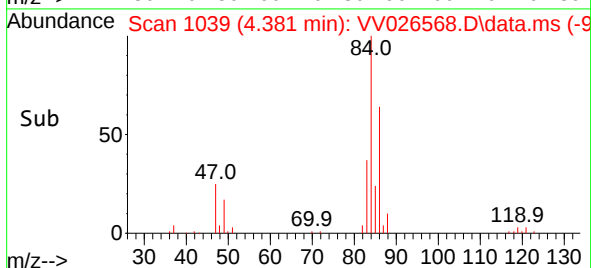
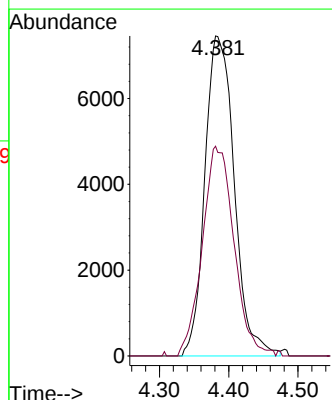
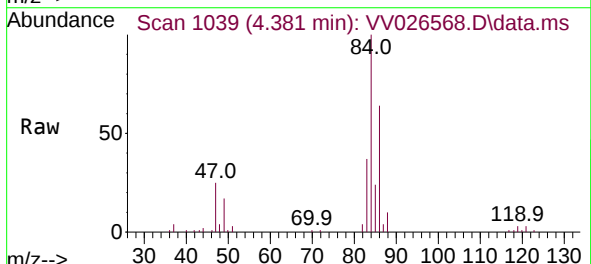
Instrument :
MSVOA_V
ClientSampleId :
COAL4

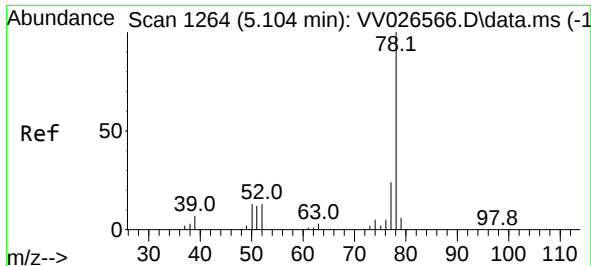
Tgt Ion: 76 Resp: 8097
Ion Ratio Lower Upper
76 100
78 10.6 7.8 11.6



#25
Chloroform
Concen: 0.798 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

Tgt Ion: 83 Resp: 21987
Ion Ratio Lower Upper
83 100
85 65.6 44.0 81.8

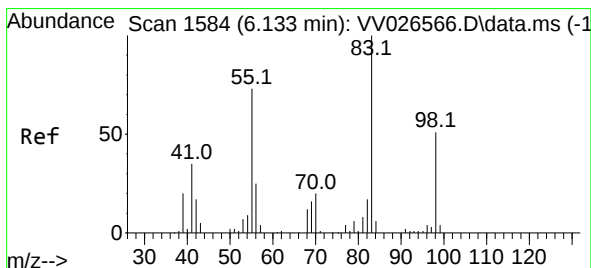
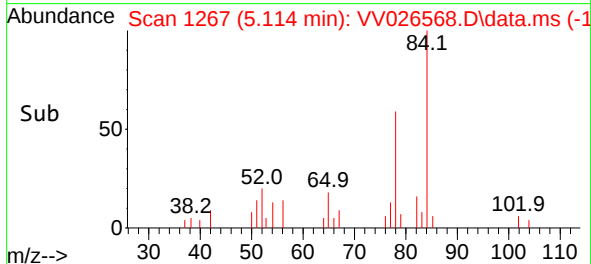
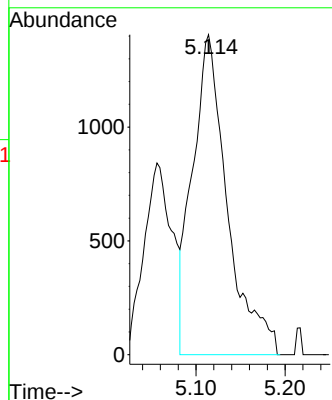
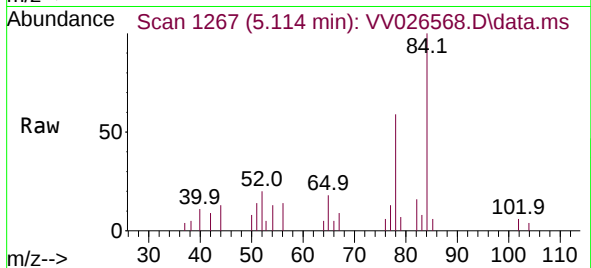




#33
Benzene
Concen: 0.066 ug/L
RT: 5.114 min Scan# 1565
Delta R.T. 0.010 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

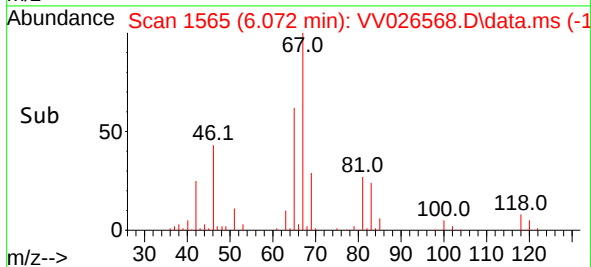
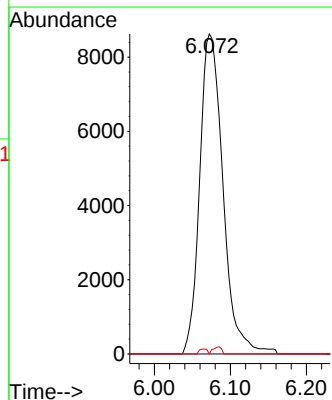
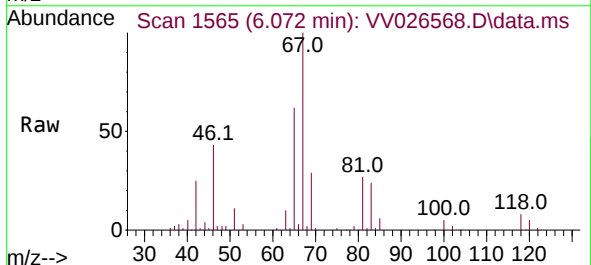
Instrument :
MSVOA_V
ClientSampleId :
COAL4

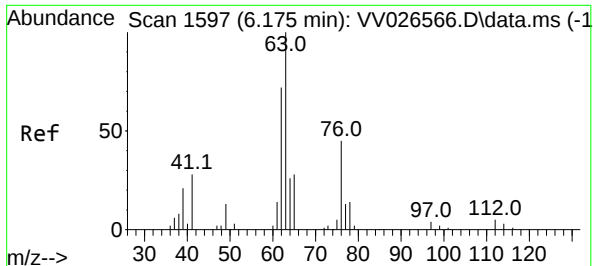
Tgt Ion: 78 Resp: 3813



#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

Tgt Ion: 83 Resp: 18333
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.5 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026568.D

Acq: 27 Jun 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

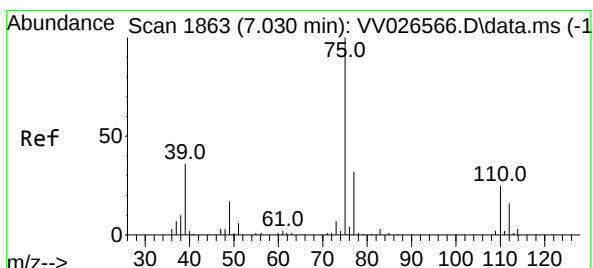
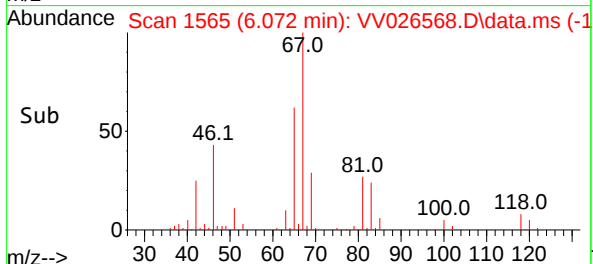
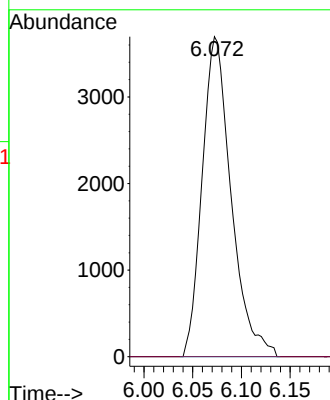
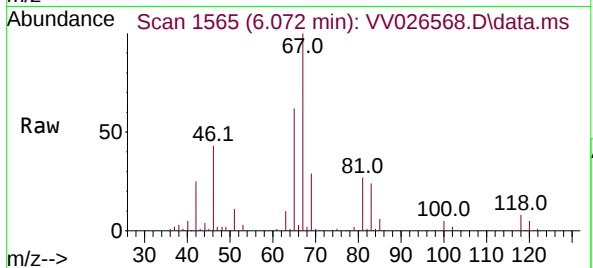
COAL4

Tgt Ion: 63 Resp: 7647

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.045 min

Lab File: VV026568.D

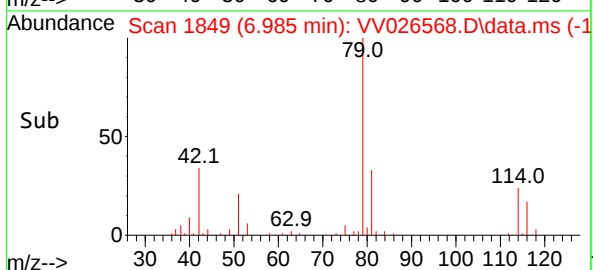
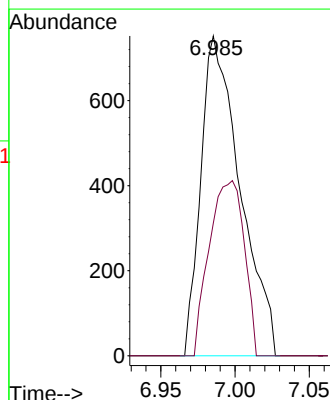
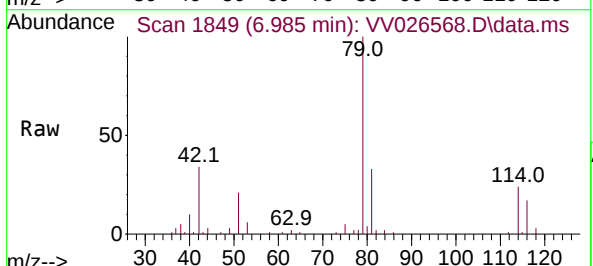
Acq: 27 Jun 2022 12:32

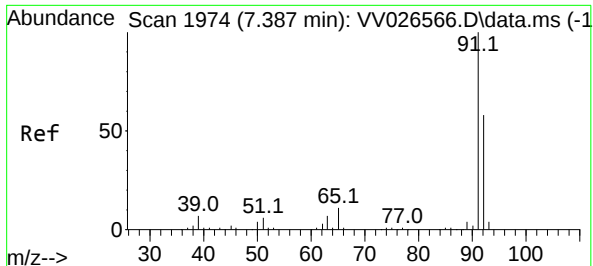
Tgt Ion: 75 Resp: 1382

Ion Ratio Lower Upper

75 100

77 41.5 22.8 42.4





#42

Toluene

Concen: 0.227 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV026568.D

Acq: 27 Jun 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

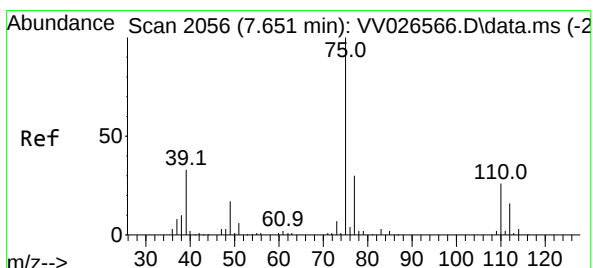
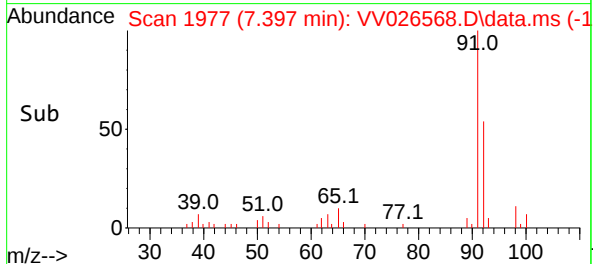
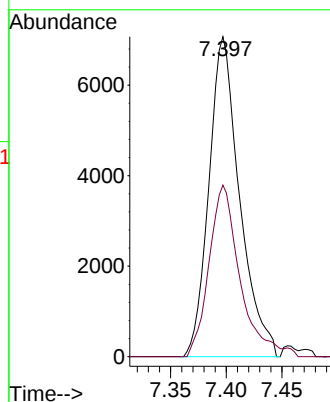
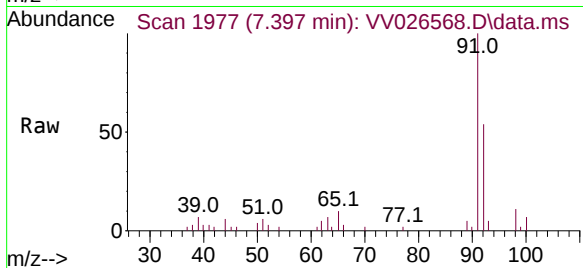
COAL4

Tgt Ion: 91 Resp: 13538

Ion Ratio Lower Upper

91 100

92 53.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV026568.D

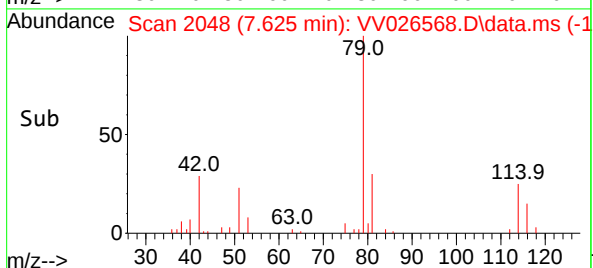
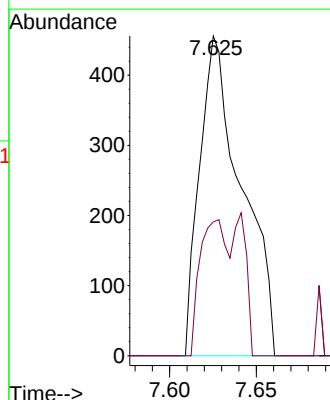
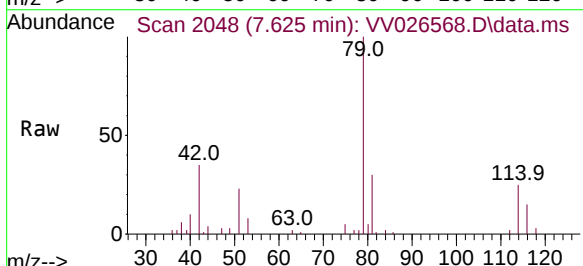
Acq: 27 Jun 2022 12:32

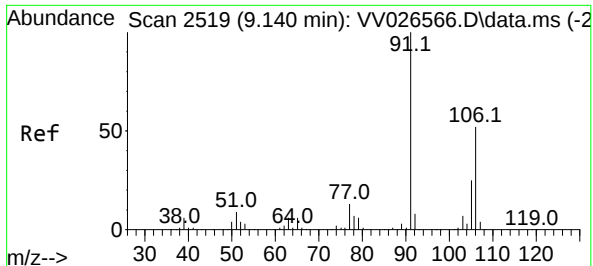
Tgt Ion: 75 Resp: 769

Ion Ratio Lower Upper

75 100

77 41.9 23.1 42.9

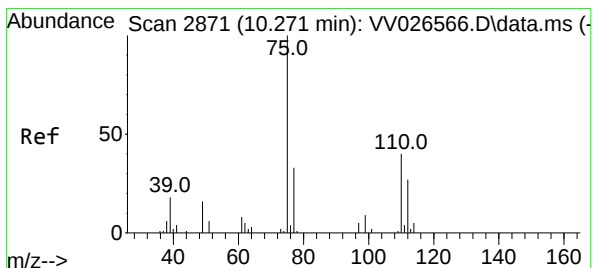
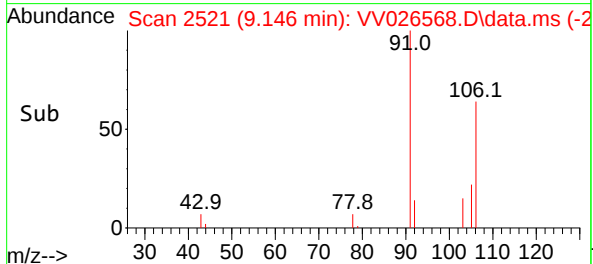
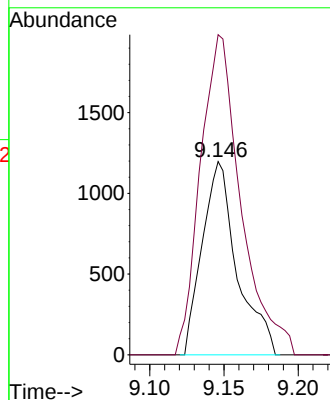
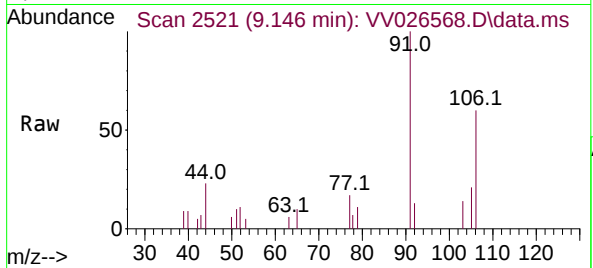




#53
m,p-Xylene
Concen: 0.081 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

Instrument :
MSVOA_V
ClientSampleId :
COAL4

Tgt Ion:106 Resp: 1953
Ion Ratio Lower Upper
106 100
91 165.7 139.9 259.9



#61
1,2,3-Trichloropropane
Concen: 1.787 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026568.D
Acq: 27 Jun 2022 12:32

Tgt Ion: 75 Resp: 9608
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6
110 1.7 32.5 48.7#

