

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026559.D
 Acq On : 24 Jun 2022 16:41
 Operator : SY/MD
 Sample : N3425-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAL7

Quant Time: Jun 25 02:36:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	228887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	210410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89127	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	66661	3.621	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.580	69	61031	4.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.121	63	95131	2.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.908	46	108556	59.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.640%
24) Chloroform-d	4.362	84	132024	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.043	65	52532	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.059	84	258447	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.075	67	77173	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.320	98	215504	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.628	79	19259	4.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.091	63	79460	48.562	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49797	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	70147	4.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%

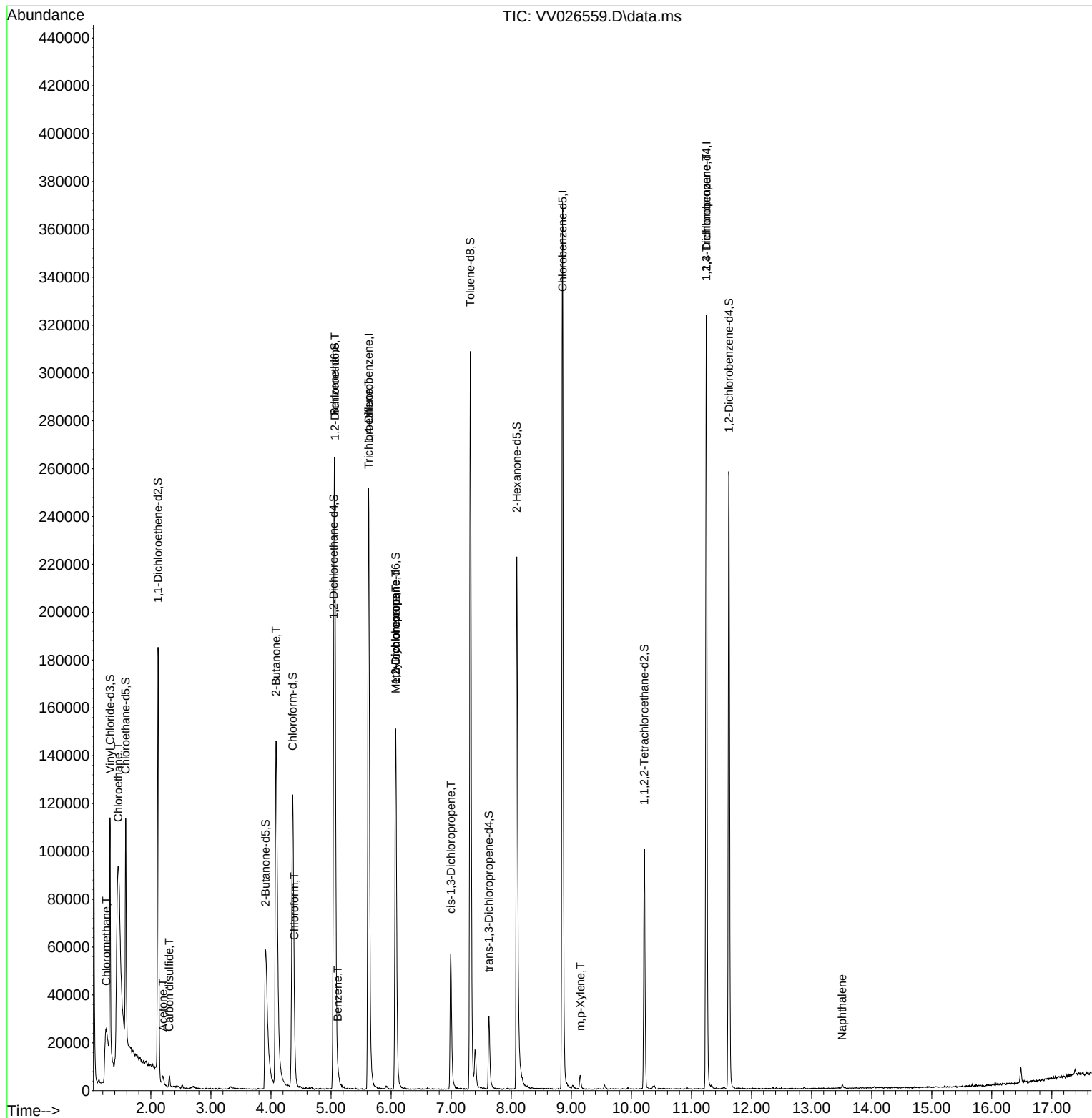
Target Compounds				Qvalue		
3) Chloromethane	1.256	50	1515	0.079	ug/L	87
8) Chloroethane	1.458	64	313541	22.716	ug/L #	56
13) Acetone	2.201	43	5952	5.127	ug/L	99
14) Carbon disulfide	2.307	76	5430	0.133	ug/L	100
21) 2-Butanone	4.085	43	238174	136.368	ug/L #	48
25) Chloroform	4.387	83	4577	0.151	ug/L	99
27) 1,2-Dichloroethane	5.063	62	1342	0.100	ug/L #	72
33) Benzene	5.114	78	3456	0.056	ug/L	100
34) Trichloroethene	5.628	95	3743	0.232	ug/L #	4
35) Methylcyclohexane	6.079	83	19187	0.803	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	8149	0.550	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1589	0.107	ug/L #	60
53) m,p-Xylene	9.149	106	1837	0.072	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	9800	1.698	ug/L #	65
71) Naphthalene	13.509	128	1816	0.103	ug/L #	91

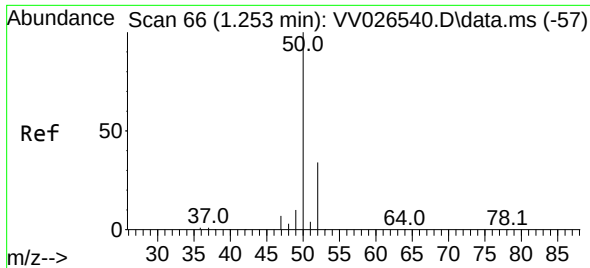
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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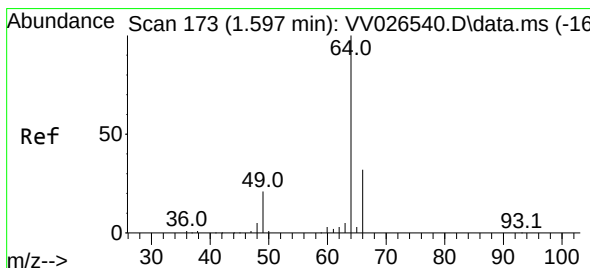
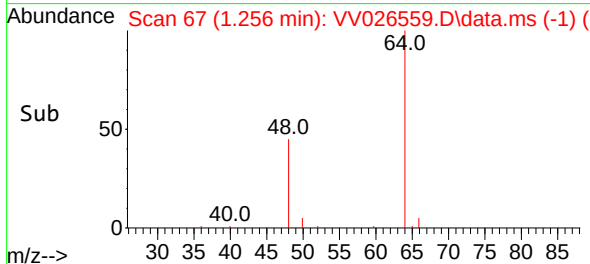
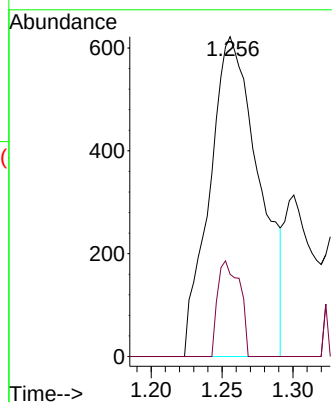
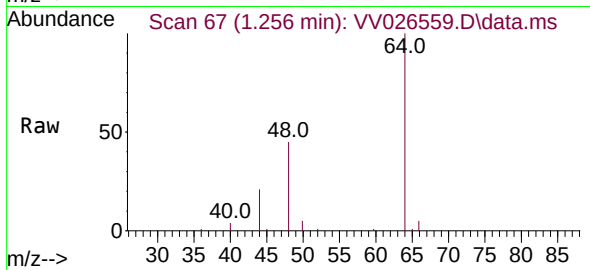




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026559.D
Acq: 24 Jun 2022 16:41

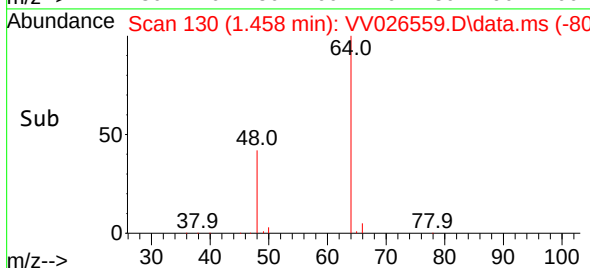
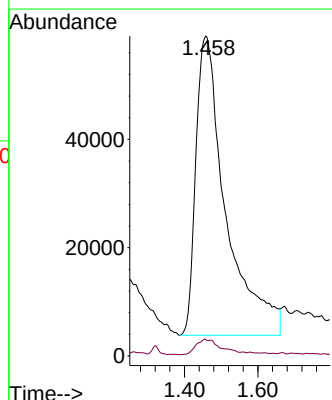
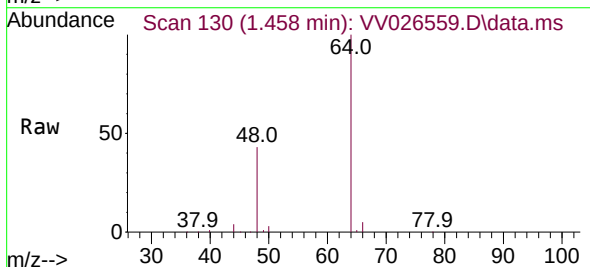
Instrument :
MSVOA_V
ClientSampleId :
C0AL7

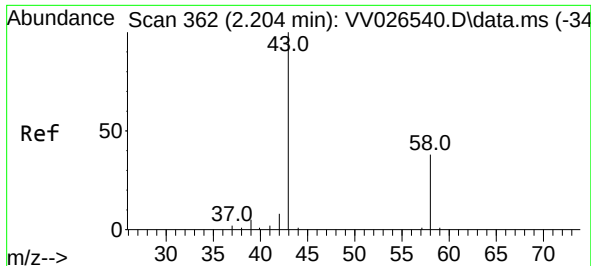
Tgt Ion: 50 Resp: 1515
Ion Ratio Lower Upper
50 100
52 25.7 23.0 42.6



#8
Chloroethane
Concen: 22.716 ug/L
RT: 1.458 min Scan# 130
Delta R.T. -0.139 min
Lab File: VV026559.D
Acq: 24 Jun 2022 16:41

Tgt Ion: 64 Resp: 313541
Ion Ratio Lower Upper
64 100
66 5.2 20.0 37.2#





#13

Acetone

Concen: 5.127 ug/L

RT: 2.201 min Scan# 30

Delta R.T. -0.003 min

Lab File: VV026559.D

Acq: 24 Jun 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

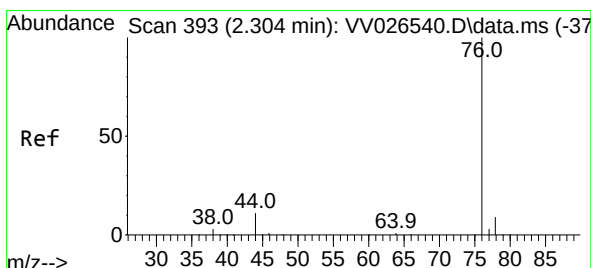
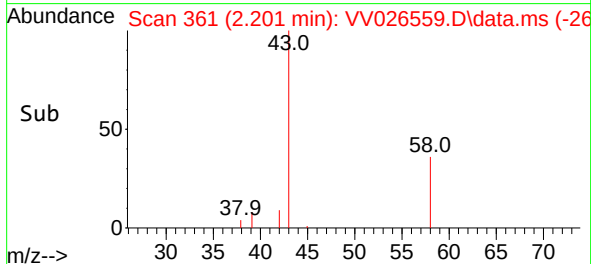
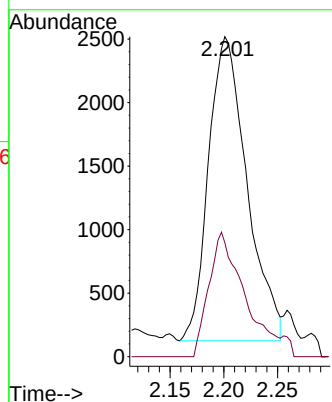
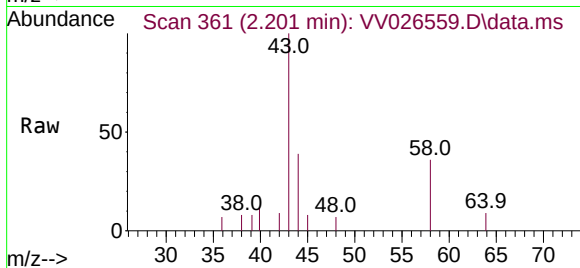
COAL7

Tgt Ion: 43 Resp: 5952

Ion Ratio Lower Upper

43 100

58 37.8 0.0 75.0



#14

Carbon disulfide

Concen: 0.133 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.003 min

Lab File: VV026559.D

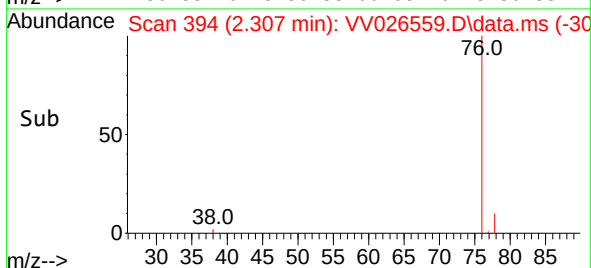
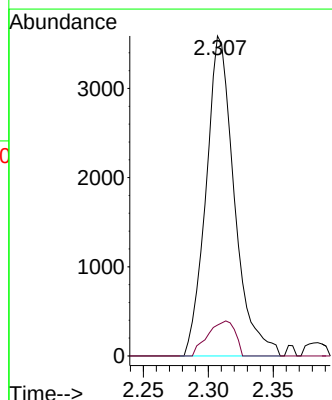
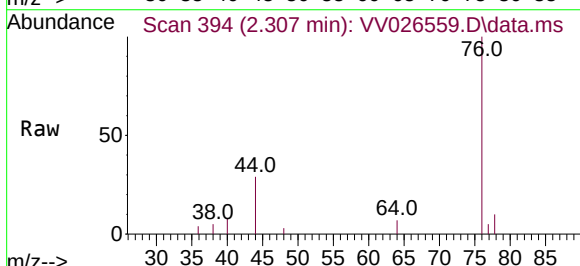
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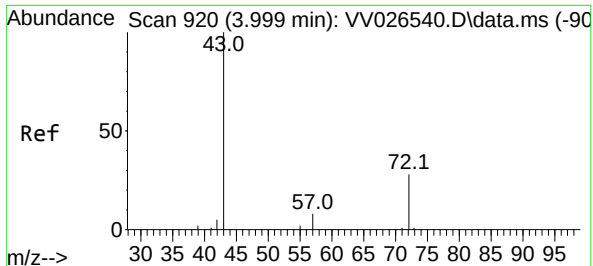
Tgt Ion: 76 Resp: 5430

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

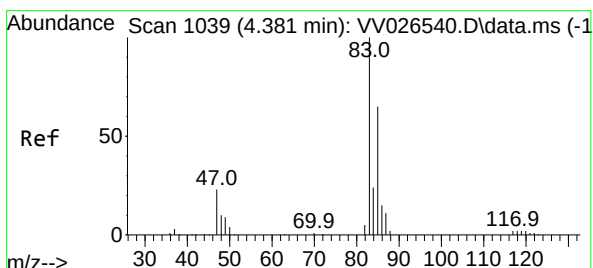
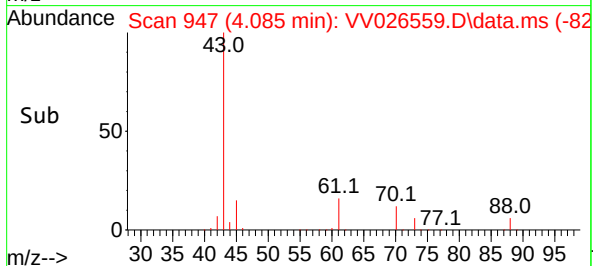
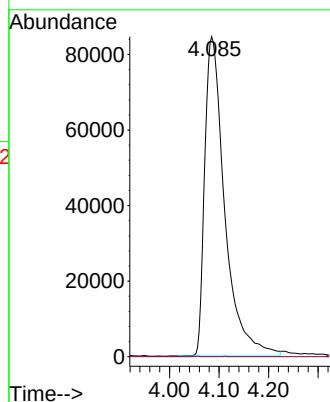
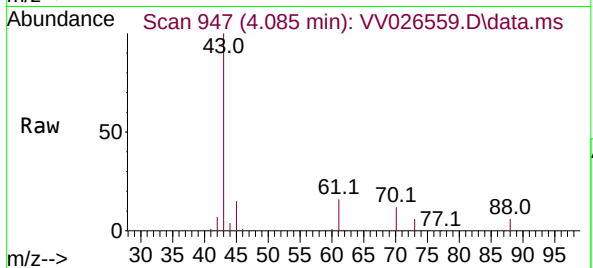




#21
2-Butanone
Concen: 136.368 ug/L
RT: 4.085 min Scan# 941
Delta R.T. 0.087 min
Lab File: VV026559.D
Acq: 24 Jun 2022 16:41

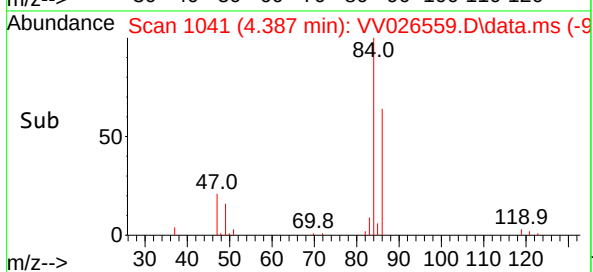
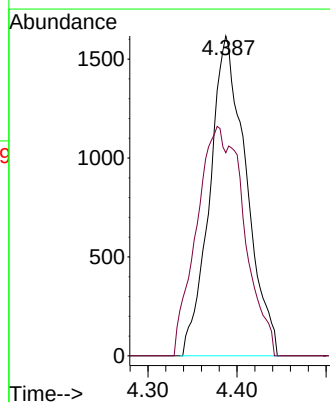
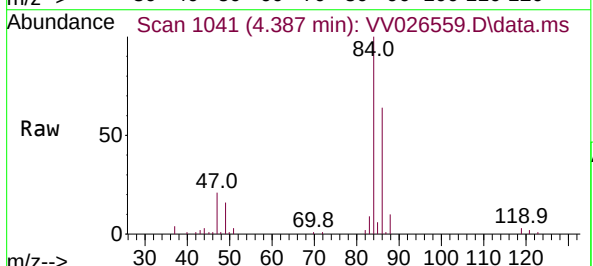
Instrument :
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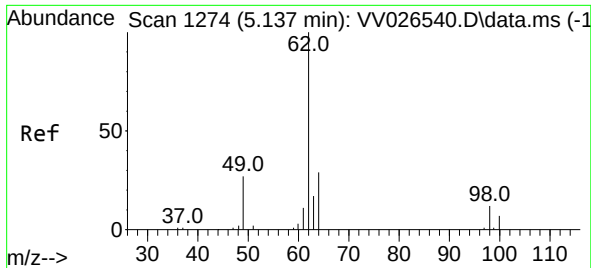
Tgt Ion: 43 Resp: 238174
Ion Ratio Lower Upper
43 100
72 0.0 13.5 40.5#



#25
Chloroform
Concen: 0.151 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VV026559.D
Acq: 24 Jun 2022 16:41

Tgt Ion: 83 Resp: 4577
Ion Ratio Lower Upper
83 100
85 63.5 44.0 81.8





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.063 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV026559.D

Acq: 24 Jun 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

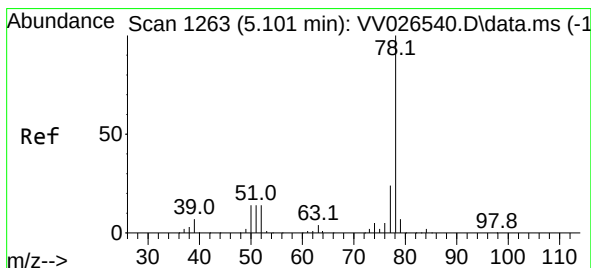
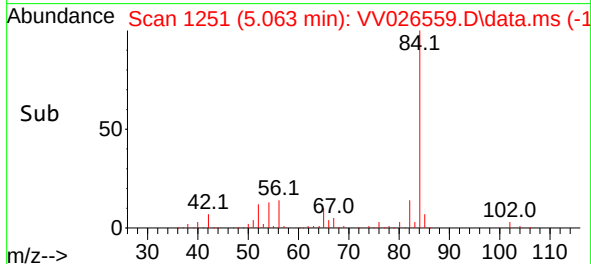
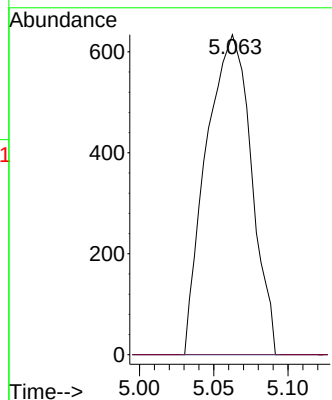
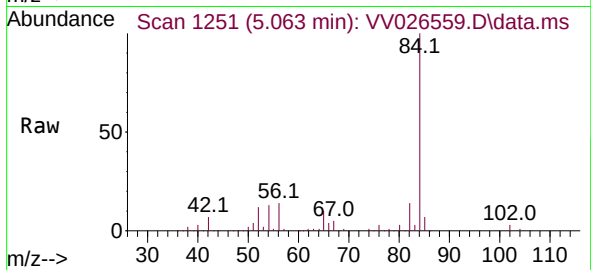
COAL7

Tgt Ion: 62 Resp: 1342

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#33

Benzene

Concen: 0.056 ug/L

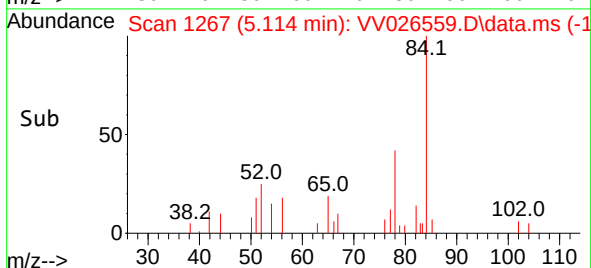
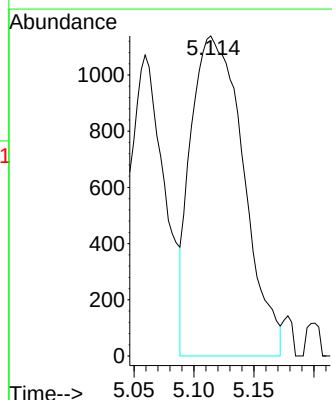
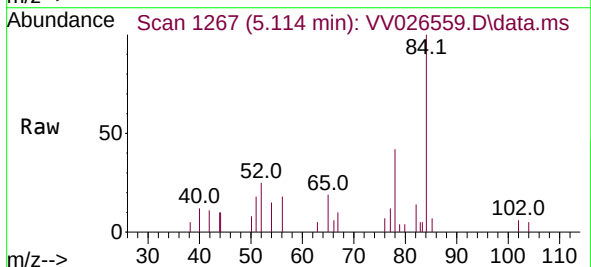
RT: 5.114 min Scan# 1267

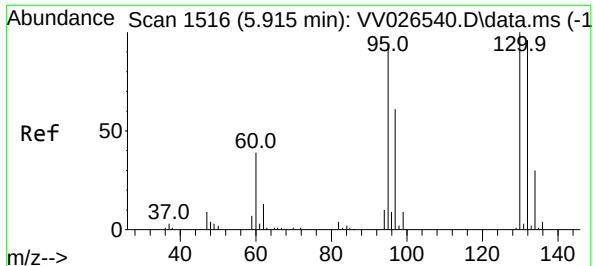
Delta R.T. 0.013 min

Lab File: VV026559.D

Acq: 24 Jun 2022 16:41

Tgt Ion: 78 Resp: 3456





#34

Trichloroethene

Concen: 0.232 ug/L

RT: 5.628 min Scan# 1427

Delta R.T. -0.286 min

Lab File: VV026559.D

Acq: 24 Jun 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

COAL7

Tgt Ion: 95 Resp: 3743

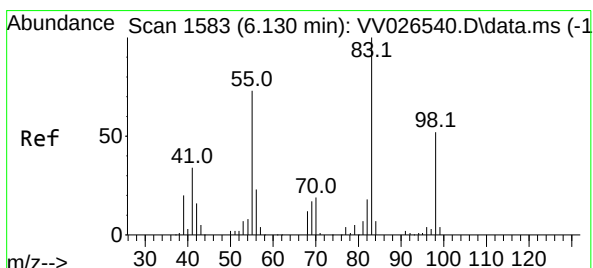
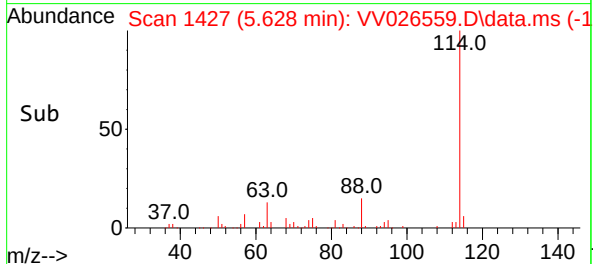
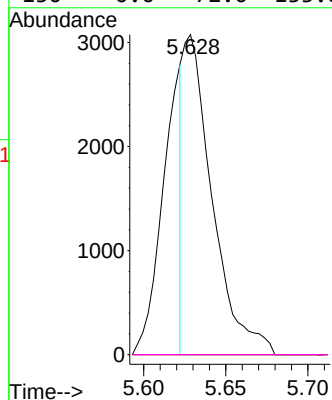
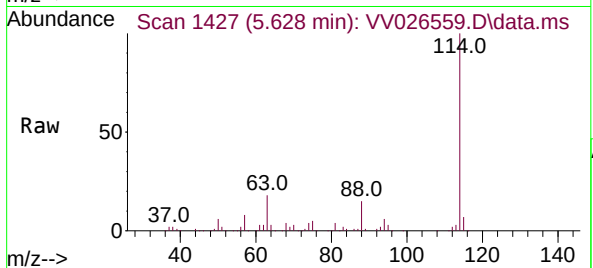
Ion Ratio Lower Upper

95 100

97 0.0 46.8 87.0#

132 0.0 69.9 129.7#

130 0.0 72.0 133.8#



#35

Methylcyclohexane

Concen: 0.803 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.052 min

Lab File: VV026559.D

Acq: 24 Jun 2022 16:41

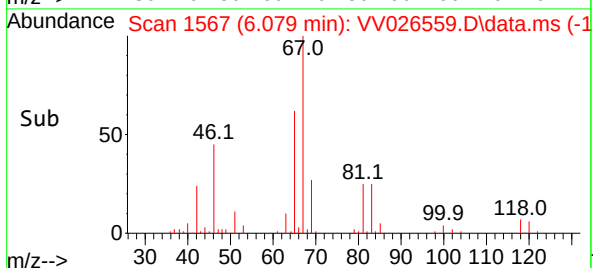
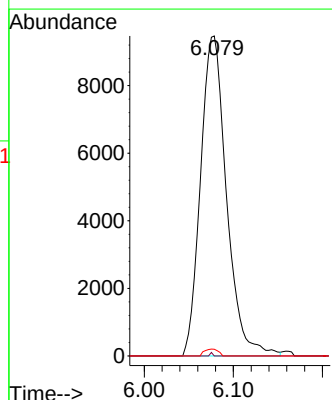
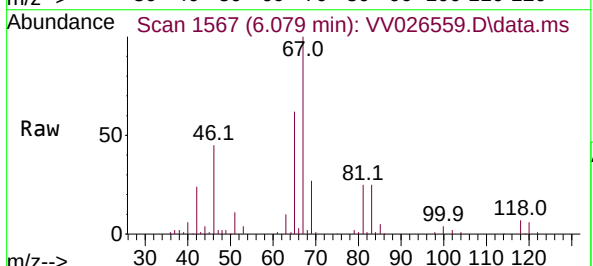
Tgt Ion: 83 Resp: 19187

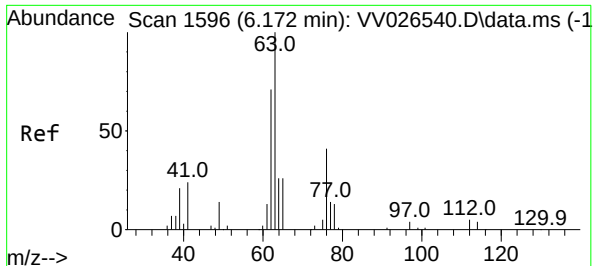
Ion Ratio Lower Upper

83 100

55 0.1 57.0 85.4#

98 1.2 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV026559.D

Acq: 24 Jun 2022 16:41

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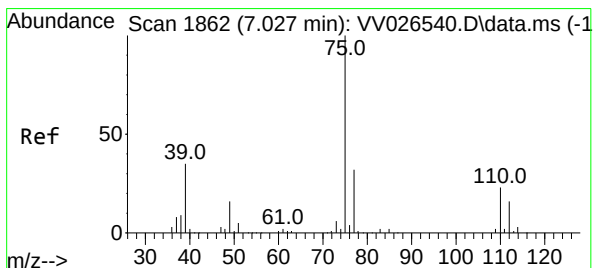
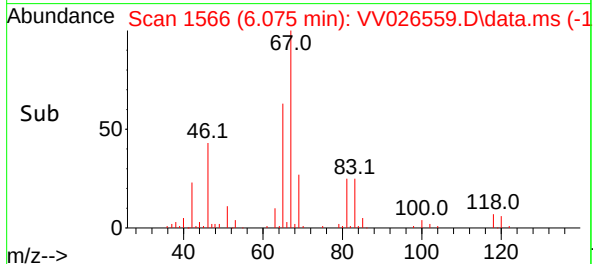
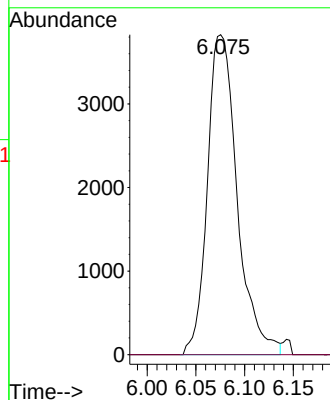
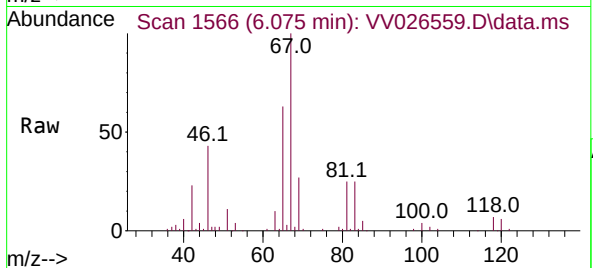
COAL7

Tgt Ion: 63 Resp: 8149

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV026559.D

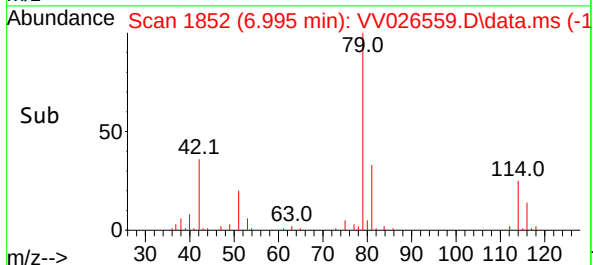
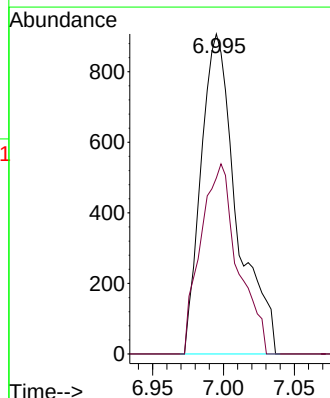
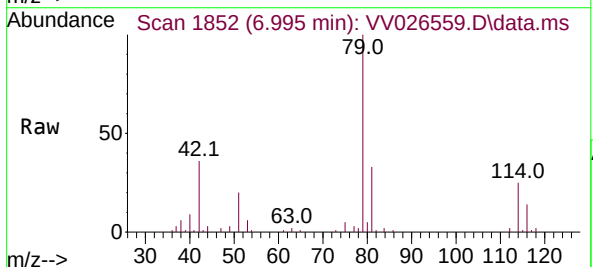
Acq: 24 Jun 2022 16:41

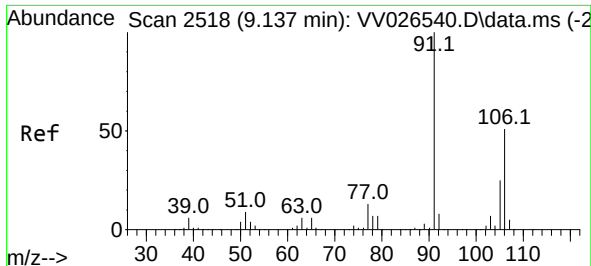
Tgt Ion: 75 Resp: 1589

Ion Ratio Lower Upper

75 100

77 55.0 22.8 42.4#

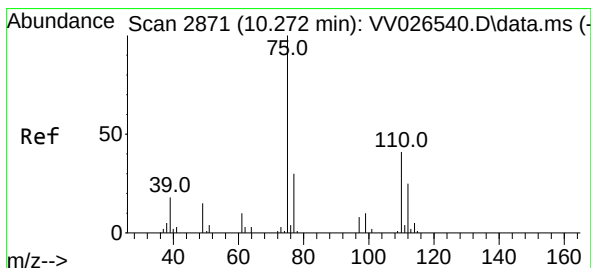
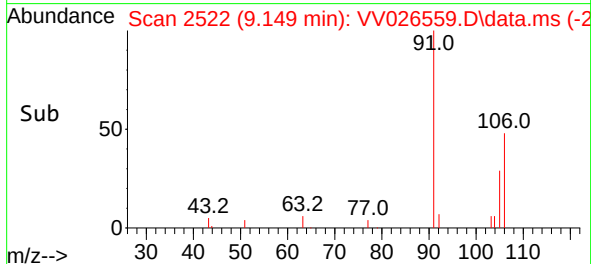
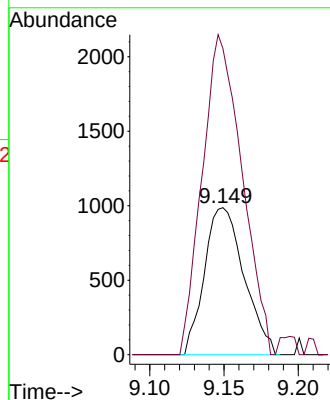
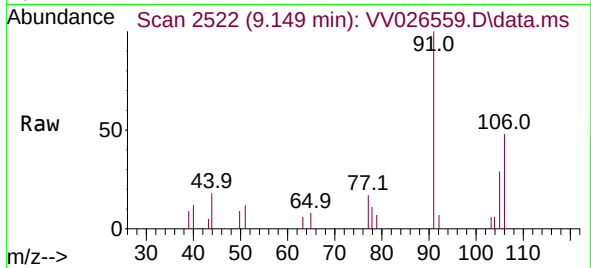




#53
m,p-Xylene
Concen: 0.072 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV026559.D
Acq: 24 Jun 2022 16:41

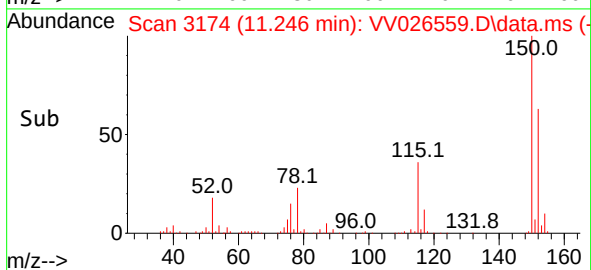
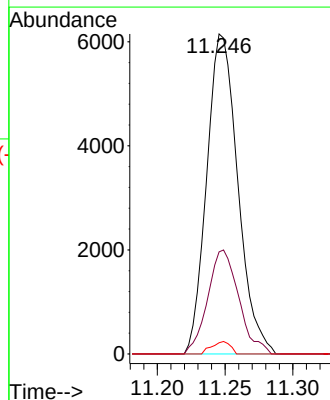
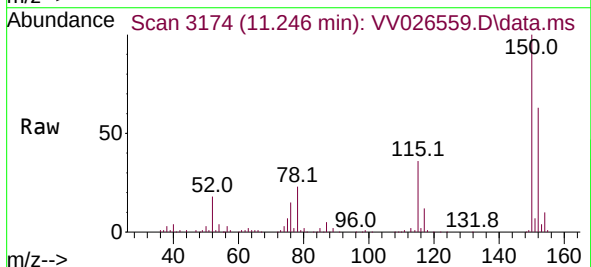
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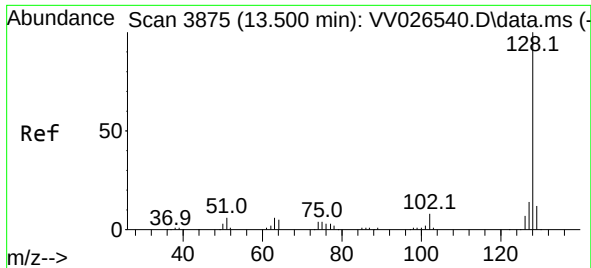
Tgt Ion:106 Resp: 1837
Ion Ratio Lower Upper
106 100
91 208.3 139.9 259.9



#61
1,2,3-Trichloropropane
Concen: 1.698 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026559.D
Acq: 24 Jun 2022 16:41

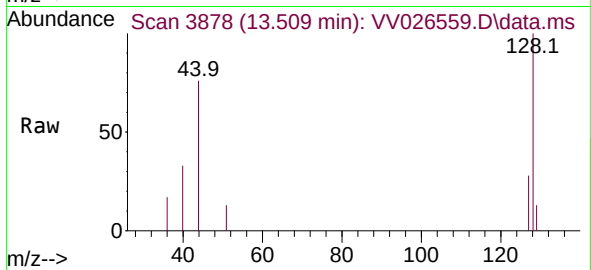
Tgt Ion: 75 Resp: 9800
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6
110 2.3 32.5 48.7#





#71
Naphthalene
Concen: 0.103 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.009 min
Lab File: VV026559.D
Acq: 24 Jun 2022 16:41

Instrument :
MSVOA_V
ClientSampleId :
COAL7



Tgt Ion:	128	Resp:	1816
Ion	Ratio	Lower	Upper
128	100		
129	5.8	8.6	12.8#
127	14.9	10.2	15.4

