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 Data File : VW026560.D
 Acq On : 24 Jun 2022 17:04
 Operator : SY/MD
 Sample : N3425-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAL8

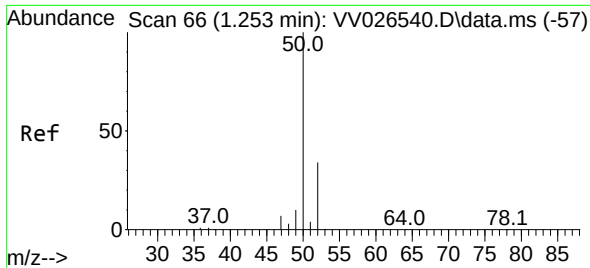
Quant Time: Jun 25 02:36:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.626	114	229174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	211720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	67320	3.653	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.584	69	61248	4.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.121	63	93149	2.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	3.905	46	105841	57.762	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.520%
24) Chloroform-d	4.365	84	129618	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.044	65	52191	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.060	84	258721	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.079	67	76293	4.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.320	98	217283	3.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.629	79	19558	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.092	63	76700	46.585	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49036	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	68361	4.633	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1182	0.062	ug/L #	79
8) Chloroethane	1.459	64	242457	17.544	ug/L #	56
13) Acetone	2.204	43	10295	8.856	ug/L	98
14) Carbon disulfide	2.311	76	5081	0.124	ug/L	95
15) Methyl Acetate	2.378	43	850	0.254	ug/L #	47
21) 2-Butanone	4.098	43	51655	29.538	ug/L #	48
25) Chloroform	4.394	83	4083	0.135	ug/L	94
27) 1,2-Dichloroethane	5.060	62	1147	0.085	ug/L #	72
33) Benzene	5.111	78	2740	0.044	ug/L	100
35) Methylcyclohexane	6.079	83	18171	0.756	ug/L #	21
37) 1,2-Dichloropropane	6.079	63	8210	0.551	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1422	0.095	ug/L #	76
40) 4-Methyl-2-pentanone	7.143	43	10839	2.154	ug/L #	43
53) m,p-Xylene	9.146	106	1743	0.068	ug/L	74
61) 1,2,3-Trichloropropane	11.249	75	9792	1.696	ug/L #	64
71) Naphthalene	13.513	128	1645	0.093	ug/L #	80

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

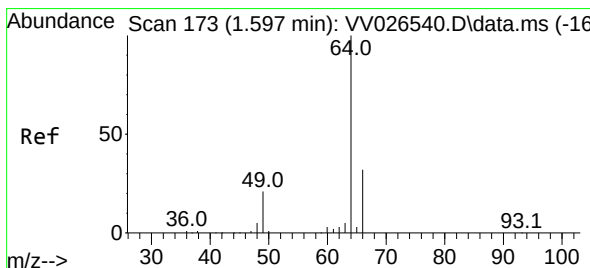
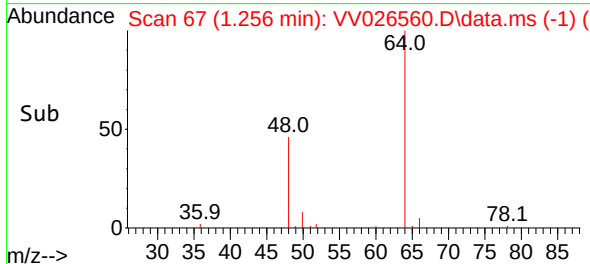
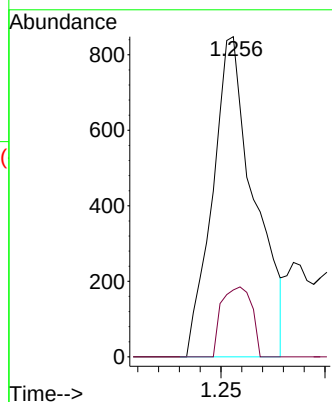
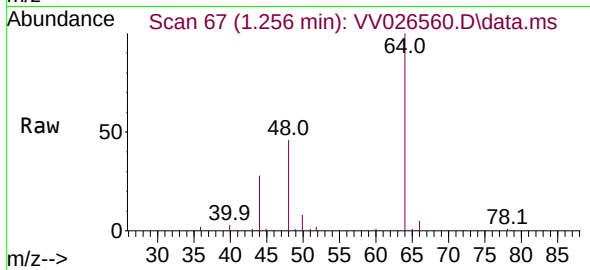
Instrument :
MSVOA_V
ClientSampleId :
C0AL8



#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026560.D
Acq: 24 Jun 2022 17:04

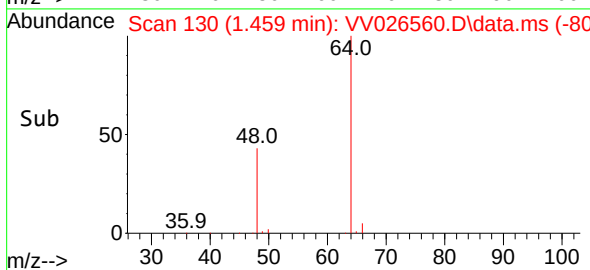
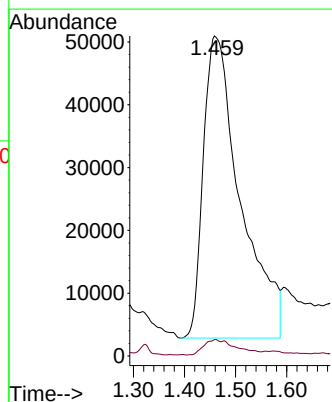
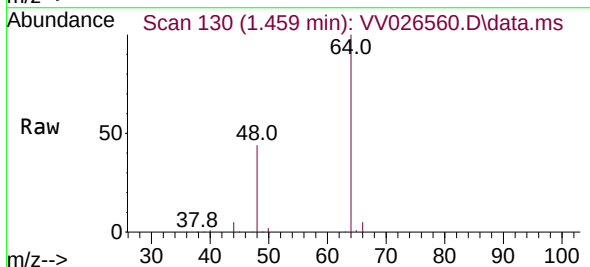
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ClientSampleId :
COAL8

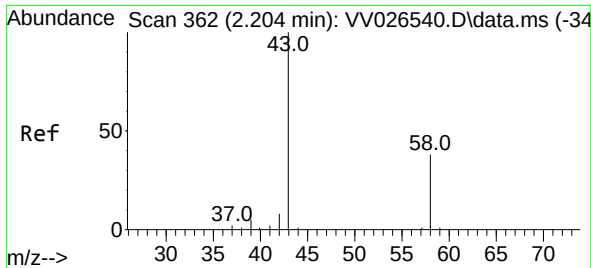
Tgt Ion: 50 Resp: 1182
Ion Ratio Lower Upper
50 100
52 20.9 23.0 42.6#



#8
Chloroethane
Concen: 17.544 ug/L
RT: 1.459 min Scan# 130
Delta R.T. -0.138 min
Lab File: VV026560.D
Acq: 24 Jun 2022 17:04

Tgt Ion: 64 Resp: 242457
Ion Ratio Lower Upper
64 100
66 5.1 20.0 37.2#





#13

Acetone

Concen: 8.856 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV026560.D

Acq: 24 Jun 2022 17:04

Instrument :

MSVOA_V

ClientSampleId :

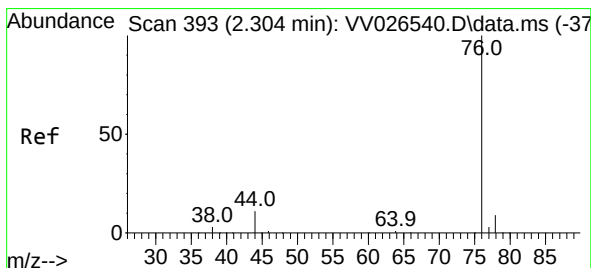
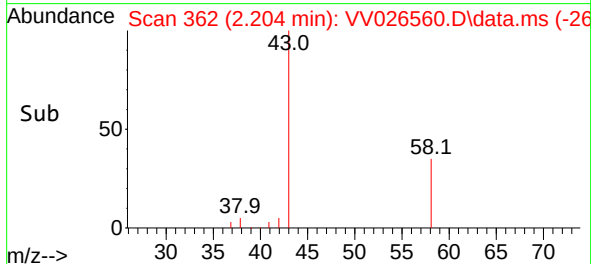
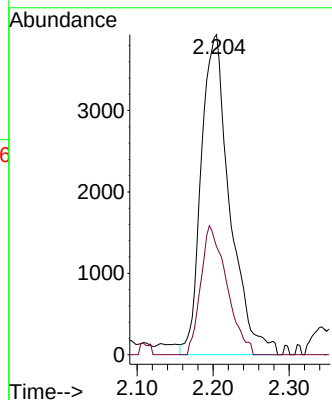
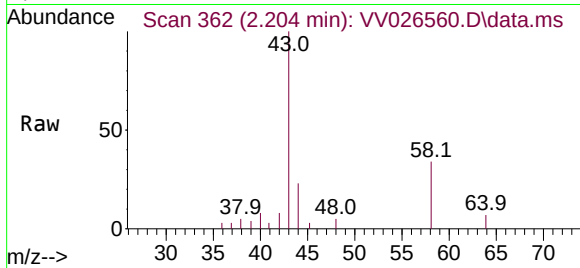
COAL8

Tgt Ion: 43 Resp: 10295

Ion Ratio Lower Upper

43 100

58 36.5 0.0 75.0



#14

Carbon disulfide

Concen: 0.124 ug/L

RT: 2.311 min Scan# 395

Delta R.T. 0.007 min

Lab File: VV026560.D

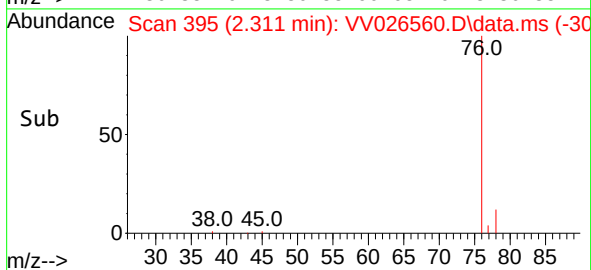
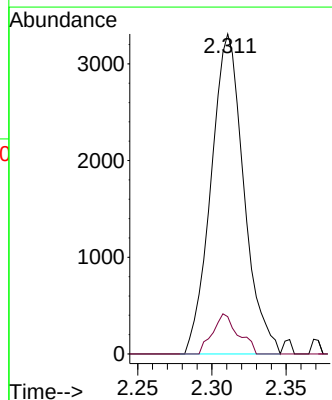
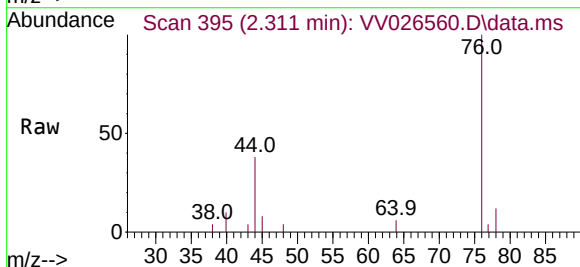
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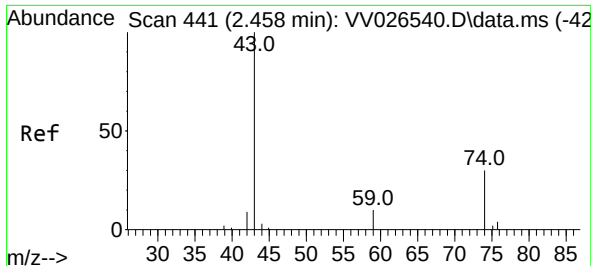
Tgt Ion: 76 Resp: 5081

Ion Ratio Lower Upper

76 100

78 11.6 7.8 11.6

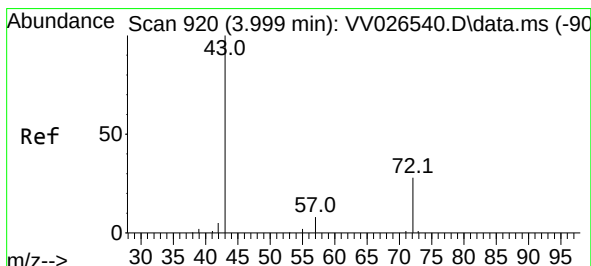
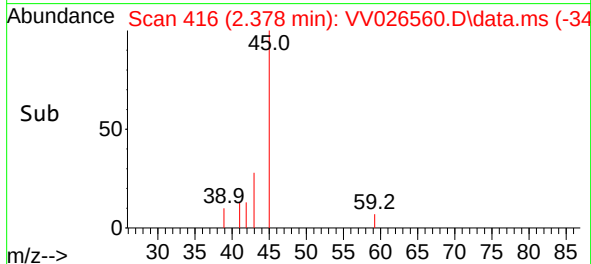
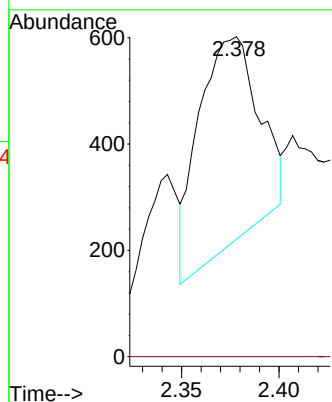
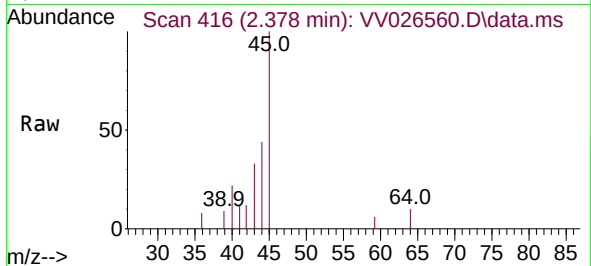




#15
Methyl Acetate
Concen: 0.254 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.080 min
Lab File: VV026560.D
Acq: 24 Jun 2022 17:04

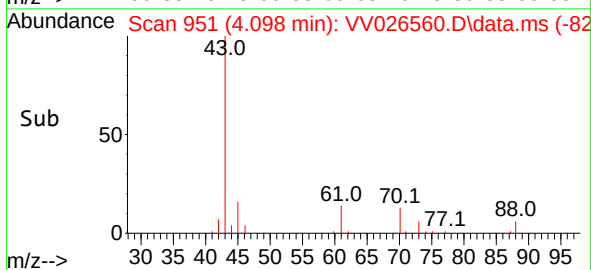
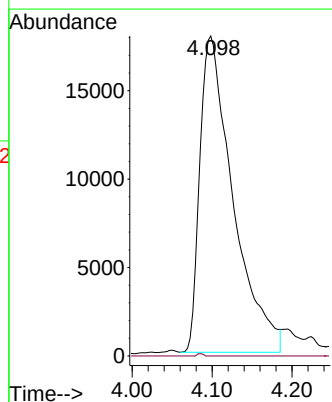
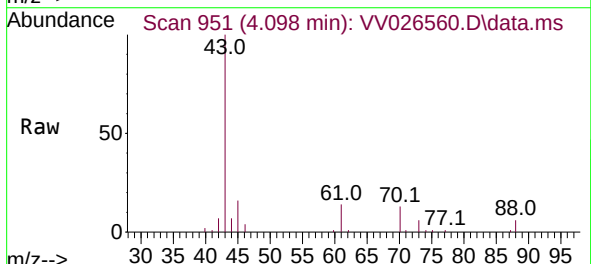
Instrument :
MSVOA_V
ClientSampleId :
COAL8

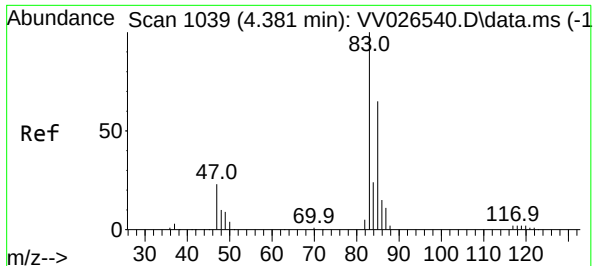
Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#



#21
2-Butanone
Concen: 29.538 ug/L
RT: 4.098 min Scan# 951
Delta R.T. 0.100 min
Lab File: VV026560.D
Acq: 24 Jun 2022 17:04

Tgt Ion: 43 Resp: 51655
Ion Ratio Lower Upper
43 100
72 0.1 13.5 40.5#





#25

Chloroform

Concen: 0.135 ug/L

RT: 4.394 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV026560.D

Acq: 24 Jun 2022 17:04

Instrument :

MSVOA_V

ClientSampleId :

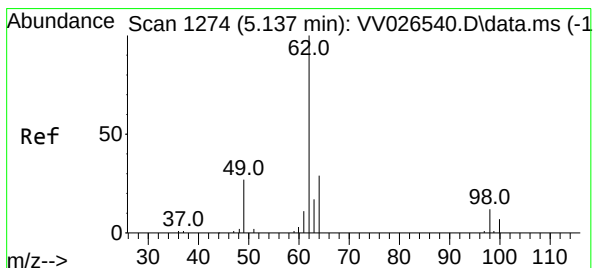
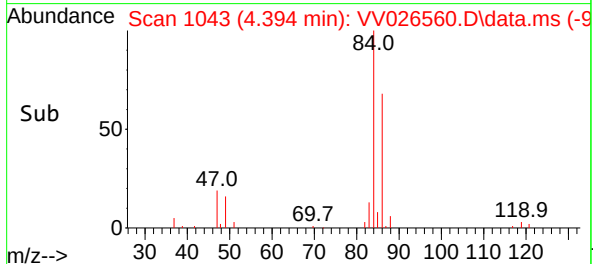
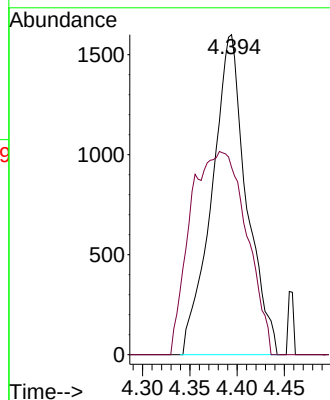
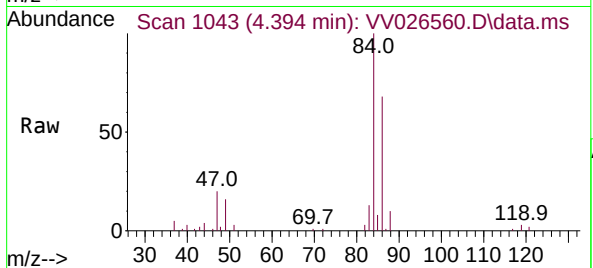
COAL8

Tgt Ion: 83 Resp: 4083

Ion Ratio Lower Upper

83 100

85 58.6 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.060 min Scan# 1250

Delta R.T. -0.077 min

Lab File: VV026560.D

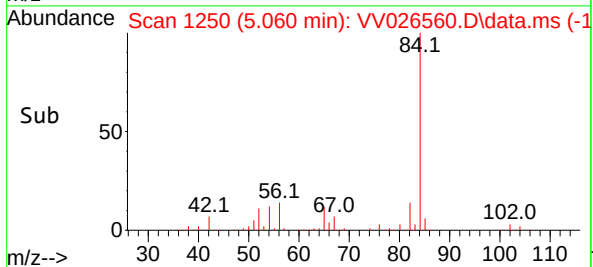
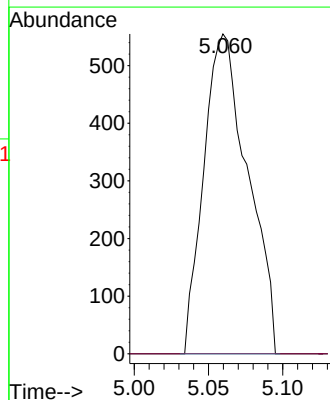
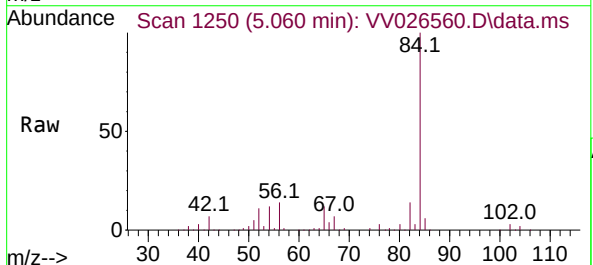
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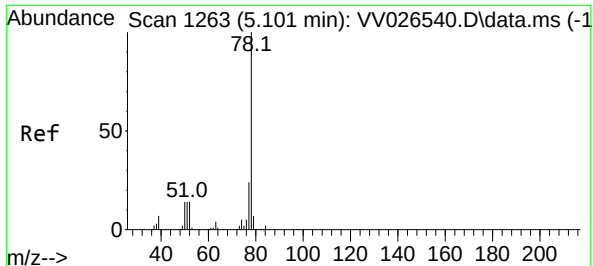
Tgt Ion: 62 Resp: 1147

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#

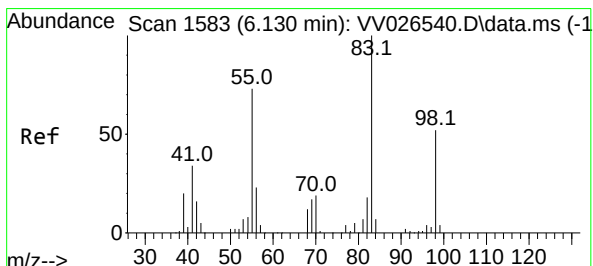
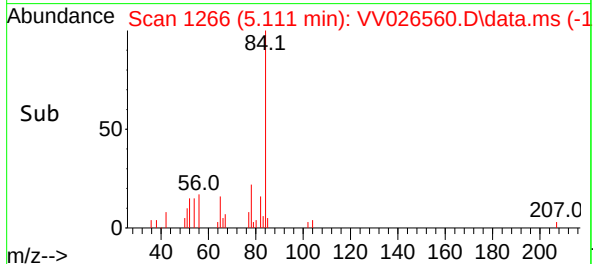
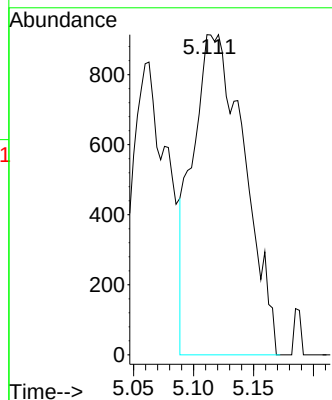
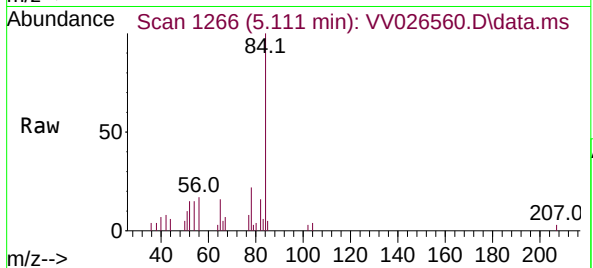




#33
Benzene
Concen: 0.044 ug/L
RT: 5.111 min Scan# 1567
Delta R.T. 0.010 min
Lab File: VV026560.D
Acq: 24 Jun 2022 17:04

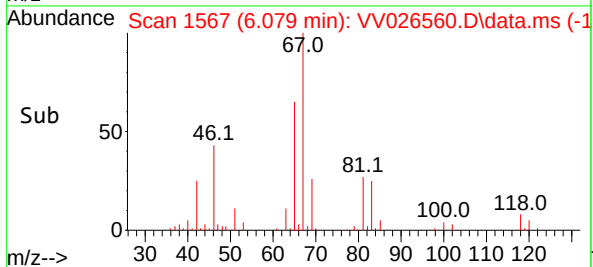
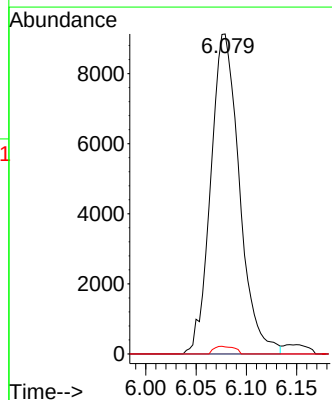
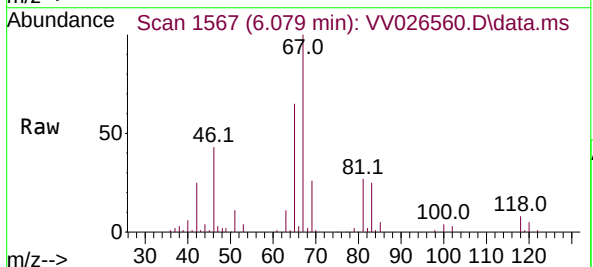
Instrument :
MSVOA_V
ClientSampleId :
COAL8

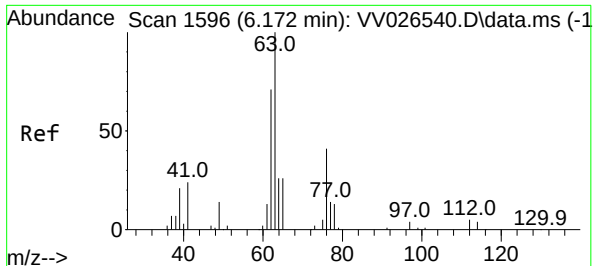
Tgt Ion: 78 Resp: 2740



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.051 min
Lab File: VV026560.D
Acq: 24 Jun 2022 17:04

Tgt Ion: 83 Resp: 18171
Ion Ratio Lower Upper
83 100
55 0.3 57.0 85.4#
98 1.7 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV026560.D

Acq: 24 Jun 2022 17:04

Instrument :

MSVOA_V

ClientSampleId :

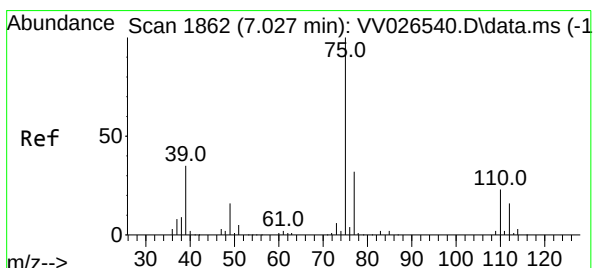
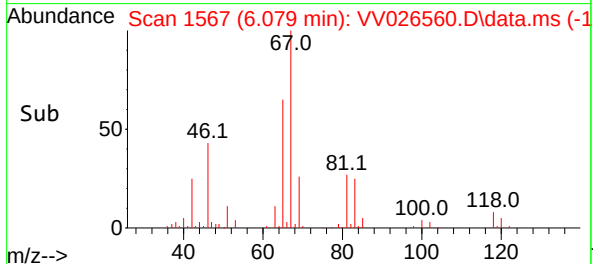
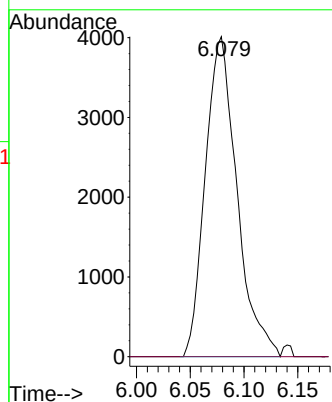
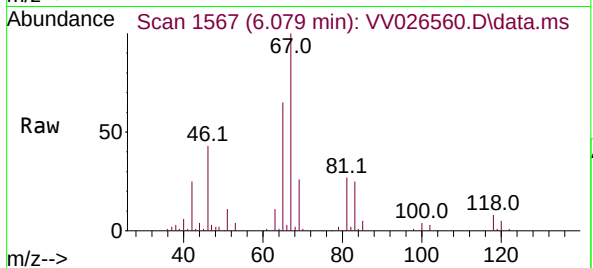
COAL8

Tgt Ion: 63 Resp: 8210

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV026560.D

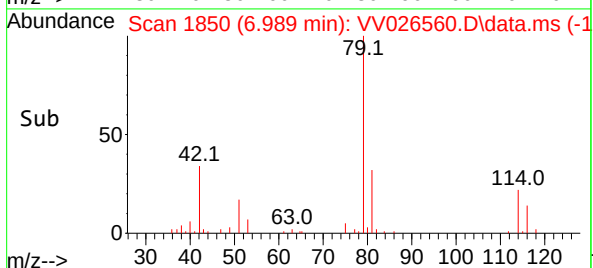
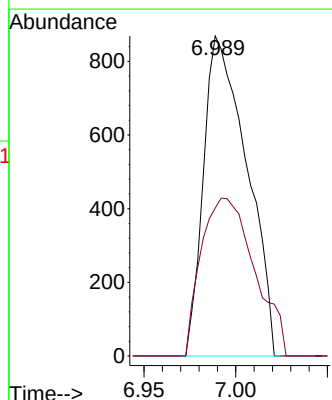
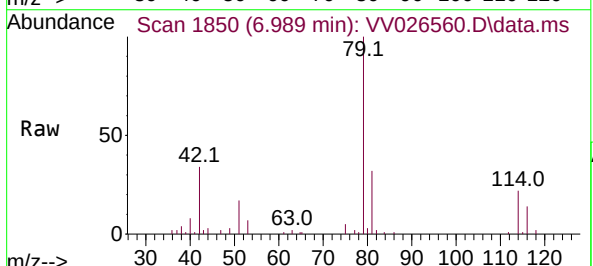
Acq: 24 Jun 2022 17:04

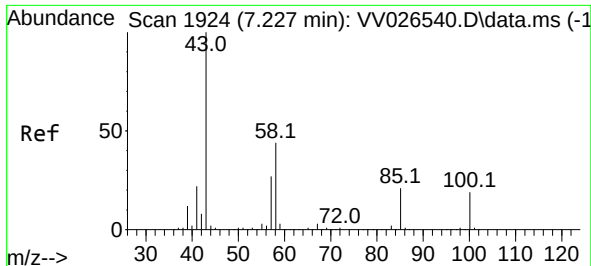
Tgt Ion: 75 Resp: 1422

Ion Ratio Lower Upper

75 100

77 46.3 22.8 42.4#





#40

4-Methyl-2-pentanone

Concen: 2.154 ug/L

RT: 7.143 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV026560.D

Acq: 24 Jun 2022 17:04

Instrument :

MSVOA_V

ClientSampleId :

COAL8

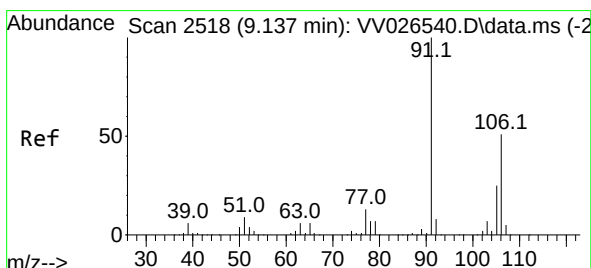
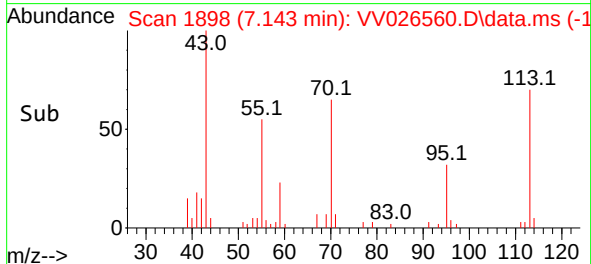
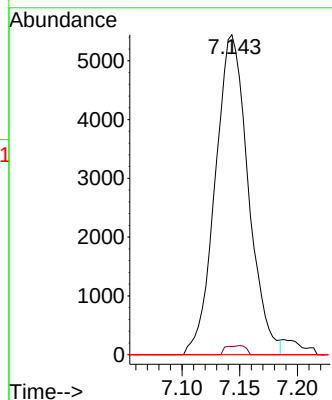
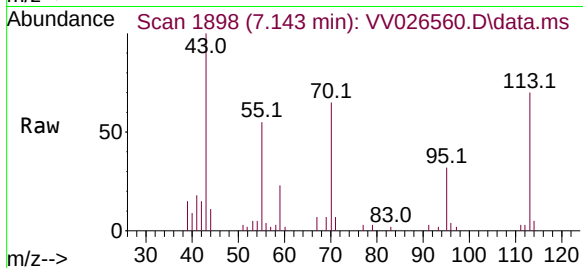
Tgt Ion: 43 Resp: 10839

Ion Ratio Lower Upper

43 100

58 1.7 33.3 49.9#

100 0.0 14.3 21.5#



#53

m,p-Xylene

Concen: 0.068 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026560.D

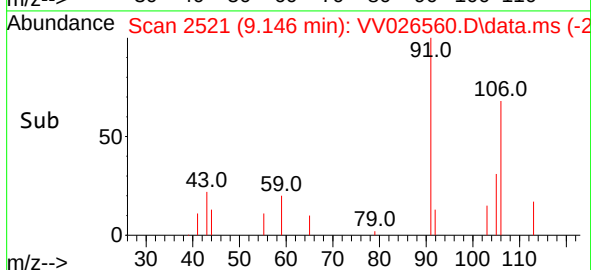
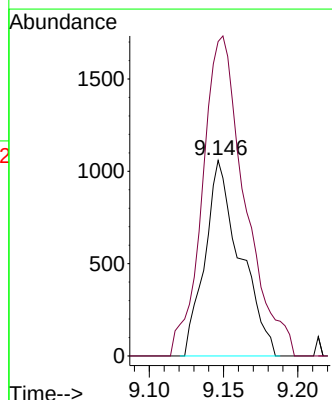
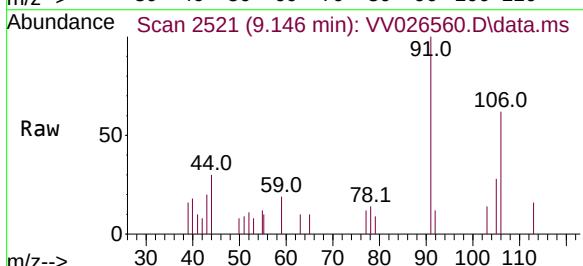
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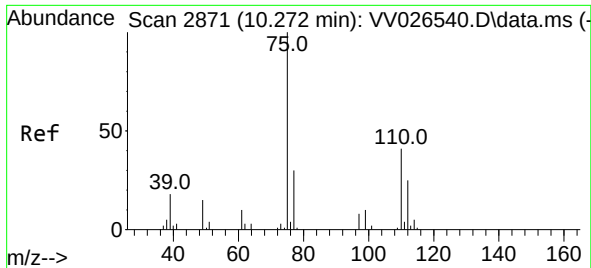
Tgt Ion: 106 Resp: 1743

Ion Ratio Lower Upper

106 100

91 160.8 139.9 259.9

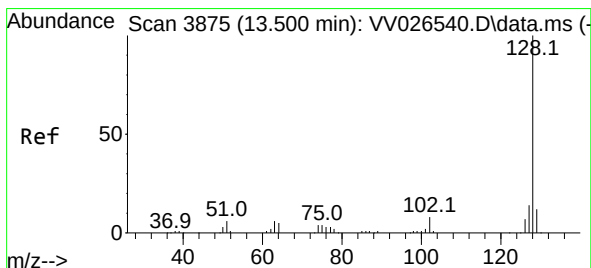
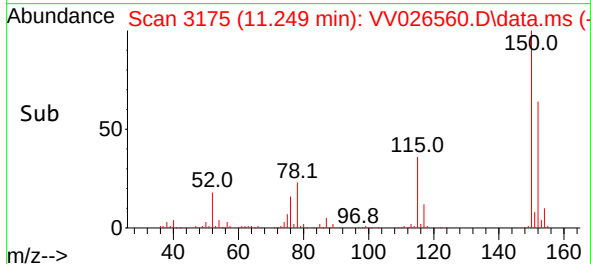
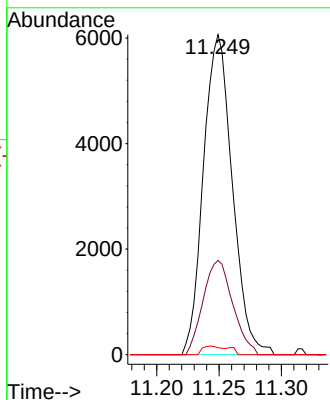
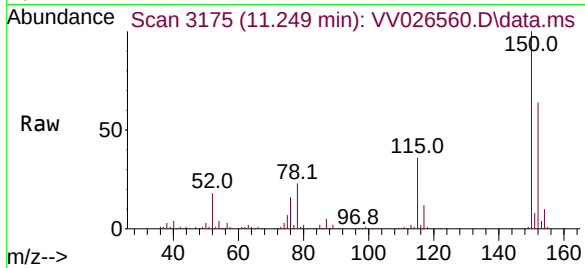




#61
1,2,3-Trichloropropane
Concen: 1.696 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV026560.D
Acq: 24 Jun 2022 17:04

Instrument :
MSVOA_V
ClientSampleId :
COAL8

Tgt Ion: 75 Resp: 9792
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.6
110 2.4 32.5 48.7#



#71
Naphthalene
Concen: 0.093 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV026560.D
Acq: 24 Jun 2022 17:04

Tgt Ion: 128 Resp: 1645
Ion Ratio Lower Upper
128 100
129 5.4 8.6 12.8#
127 3.2 10.2 15.4#

