

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026519.D
 Acq On : 23 Jun 2022 17:08
 Operator : SY/MD
 Sample : N3425-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAL4

Quant Time: Jun 24 02:03:22 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	205439	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	195233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83401	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	88828	5.376	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.600%		
7) Chloroethane-d5	1.577	69	72899	5.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.800%		
11) 1,1-Dichloroethene-d2	2.117	63	120038	4.089	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 81.800%		
20) 2-Butanone-d5	3.921	46	104357	63.532	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 127.060%		
24) Chloroform-d	4.359	84	143563	5.316	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
26) 1,2-Dichloroethane-d4	5.040	65	59006	5.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.400%		
32) Benzene-d6	5.056	84	288646	5.147	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.000%		
36) 1,2-Dichloropropane-d6	6.075	67	85599	5.551	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.000%		
41) Toluene-d8	7.317	98	243105	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.400%		
43) trans-1,3-Dichloroprop...	7.628	79	18853	4.730	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.600%		
46) 2-Hexanone-d5	8.091	63	84380	55.577	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 111.160%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	55828	5.534	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	80166	5.808	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.200%		
Target Compounds						Qvalue
3) Chloromethane	1.253	50	1241	0.073	ug/L #	78
6) Bromomethane	1.539	94	684	0.069	ug/L	88
8) Chloroethane	1.561	64	6899	0.557	ug/L #	56
12) 1,1-Dichloroethene	2.121	96	1146	0.083	ug/L #	1
14) Carbon disulfide	2.304	76	7412	0.202	ug/L	99
25) Chloroform	4.384	83	22322	0.821	ug/L	94
27) 1,2-Dichloroethane	5.053	62	1503	0.124	ug/L #	72
33) Benzene	5.117	78	3652	0.064	ug/L	100
35) Methylcyclohexane	6.072	83	20301	0.916	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	8866	0.645	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1297	0.094	ug/L #	75
42) Toluene	7.397	91	14483	0.246	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	765	0.074	ug/L	87
52) Ethylbenzene	9.146	91	4543	0.075	ug/L	83
53) m,p-Xylene	9.140	106	2002	0.084	ug/L	94
61) 1,2,3-Trichloropropane	11.249	75	9413	1.743	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.242	75	254	0.262	ug/L #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026519.D
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AL4

Quant Time: Jun 24 02:03:22 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

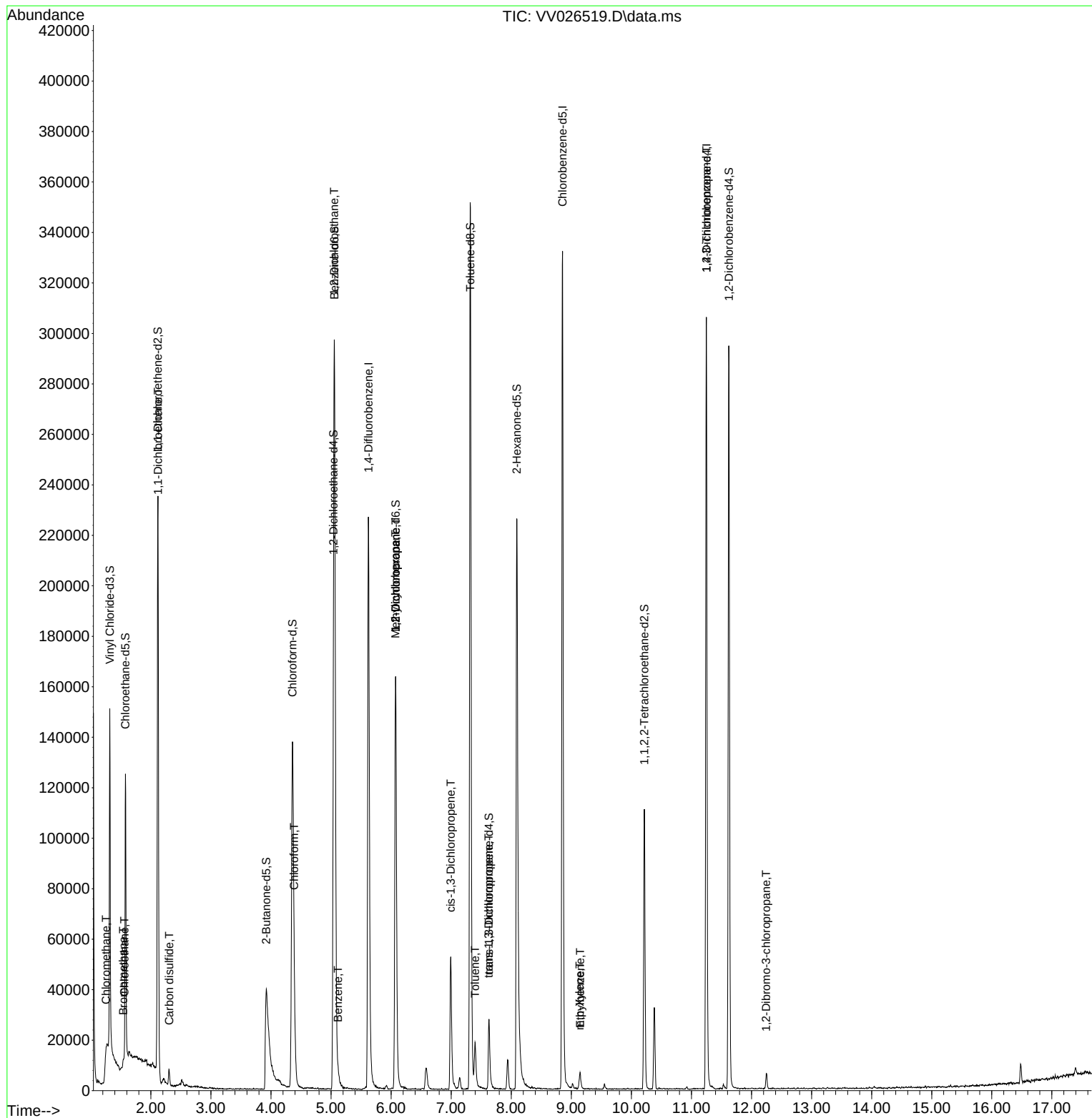
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

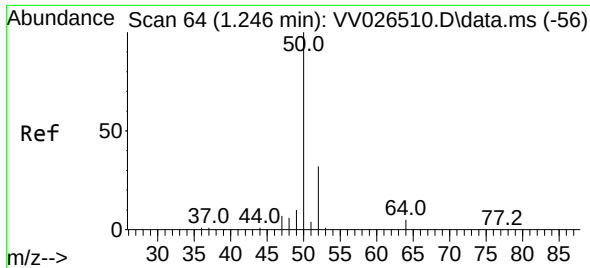
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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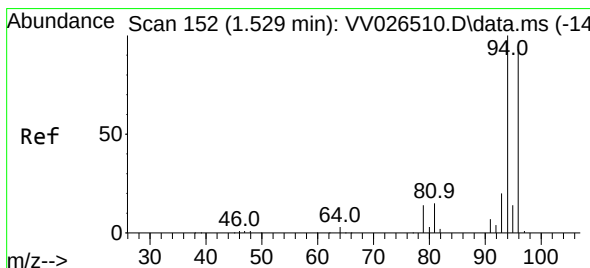
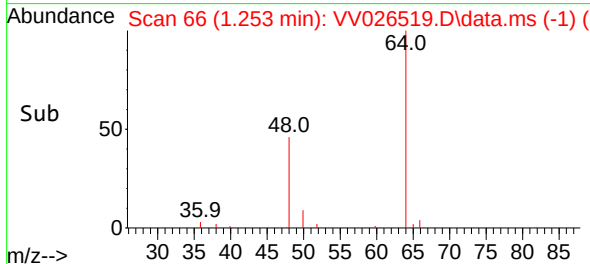
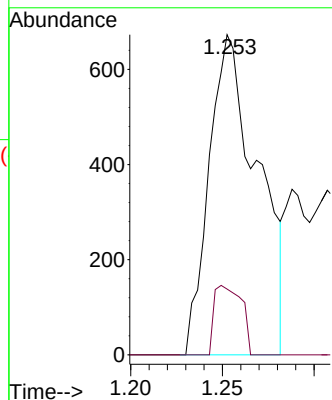
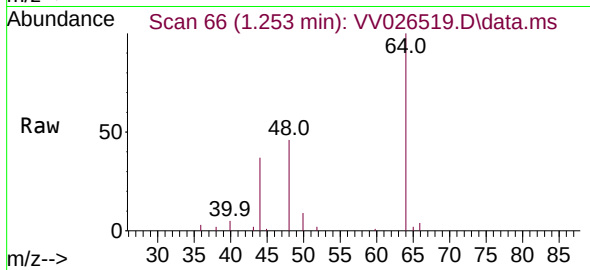




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

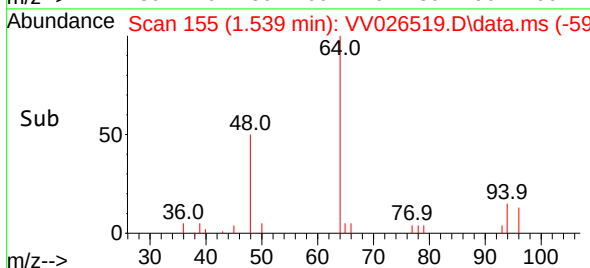
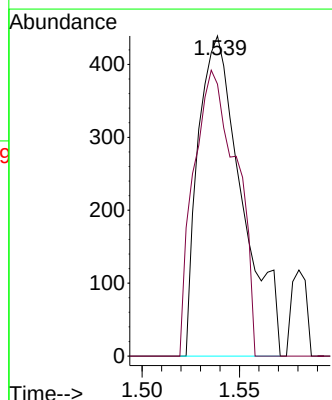
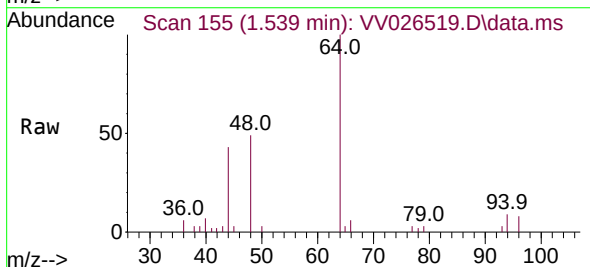
Instrument :
MSVOA_V
ClientSampleId :
C0AL4

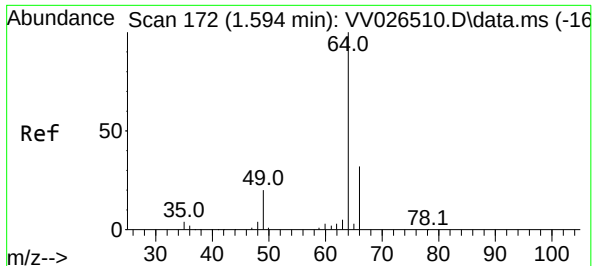
Tgt Ion: 50 Resp: 1241
Ion Ratio Lower Upper
50 100
52 20.5 23.0 42.6#



#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.009 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 85.0 68.0 126.2

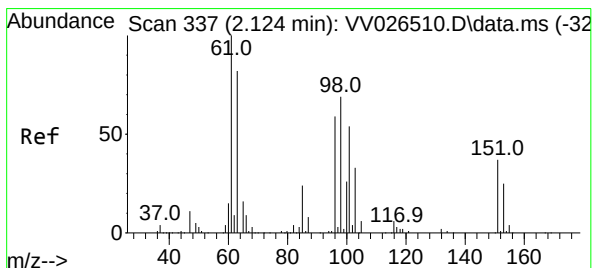
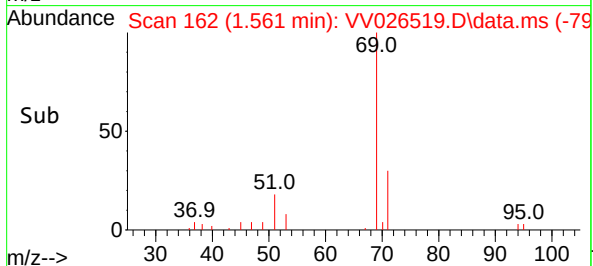
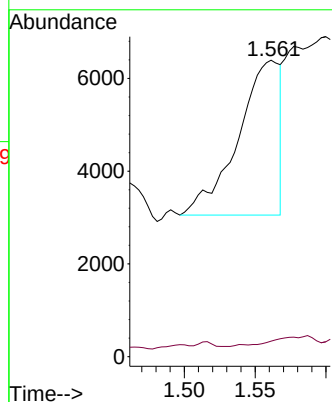
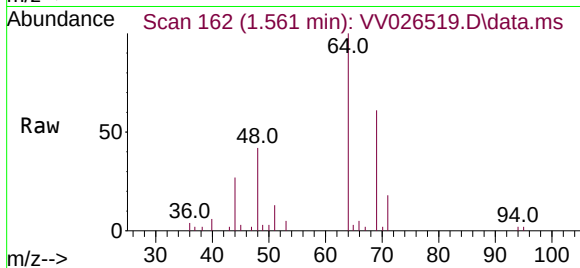




#8
Chloroethane
Concen: 0.557 ug/L
RT: 1.561 min Scan# 1
Delta R.T. -0.032 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

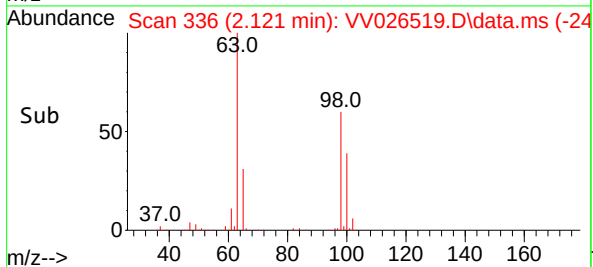
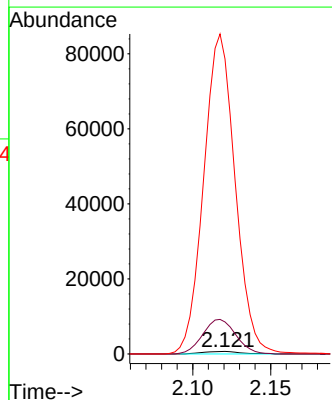
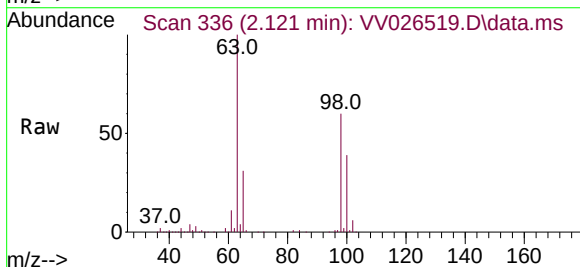
Instrument :
MSVOA_V
ClientSampleId :
COAL4

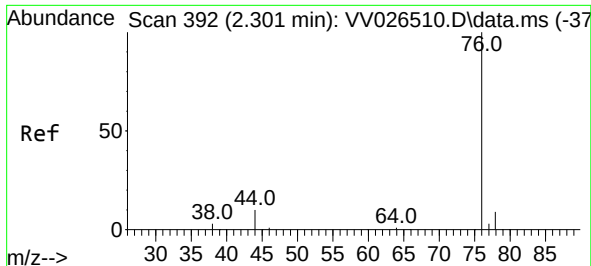
Tgt Ion: 64 Resp: 6899
Ion Ratio Lower Upper
64 100
66 5.2 20.0 37.2#



#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.003 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

Tgt Ion: 96 Resp: 1146
Ion Ratio Lower Upper
96 100
61 1256.0 115.4 214.4#
63 11586.5 87.4 162.2#

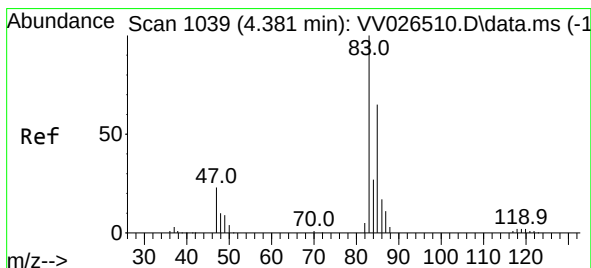
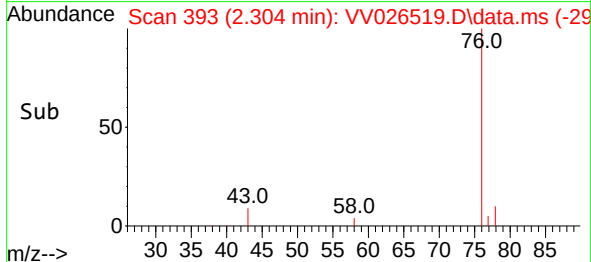
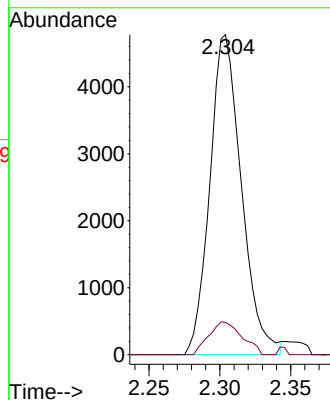
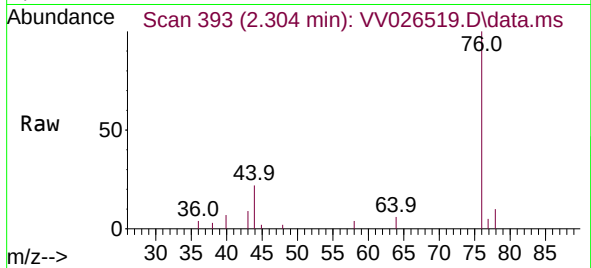




#14
Carbon disulfide
Concen: 0.202 ug/L
RT: 2.304 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

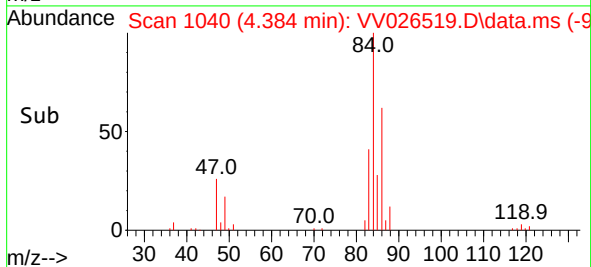
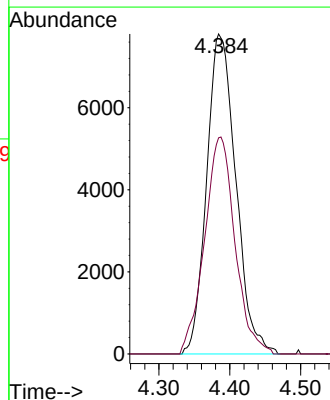
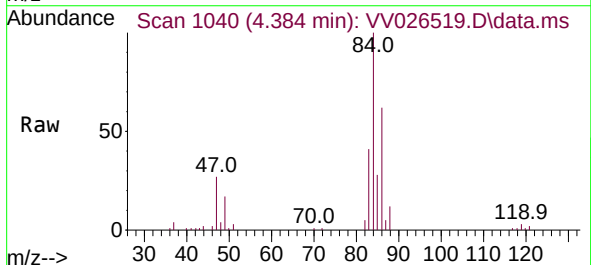
Instrument :
MSVOA_V
ClientSampleId :
COAL4

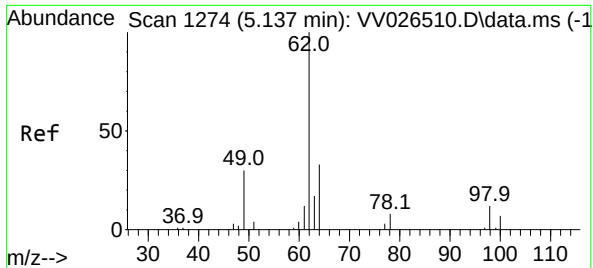
Tgt Ion: 76 Resp: 7412
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.6



#25
Chloroform
Concen: 0.821 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

Tgt Ion: 83 Resp: 22322
Ion Ratio Lower Upper
83 100
85 67.5 44.0 81.8





#27

1,2-Dichloroethane

Concen: 0.124 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.084 min

Lab File: VV026519.D

Acq: 23 Jun 2022 17:08

Instrument :

MSVOA_V

ClientSampleId :

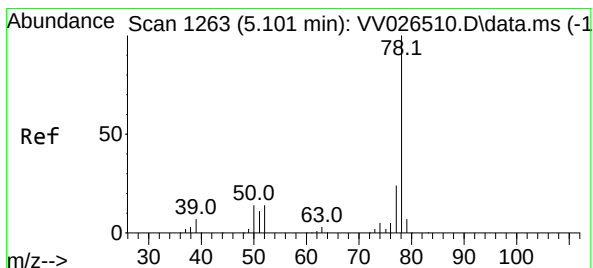
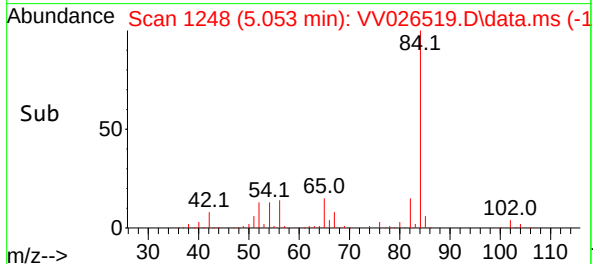
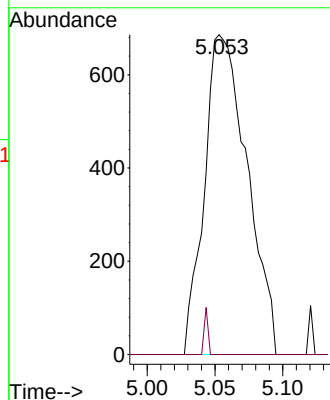
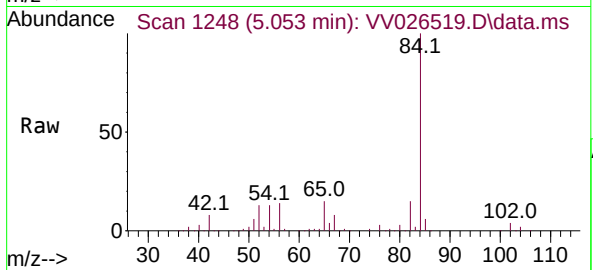
C0AL4

Tgt Ion: 62 Resp: 1503

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#33

Benzene

Concen: 0.064 ug/L

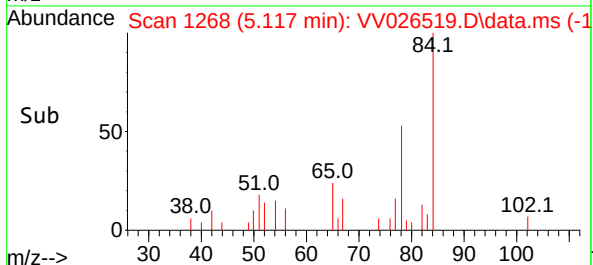
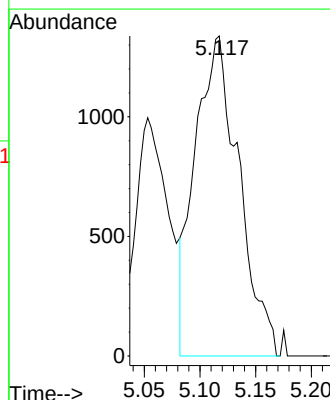
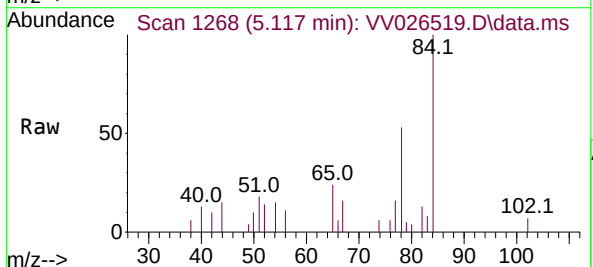
RT: 5.117 min Scan# 1268

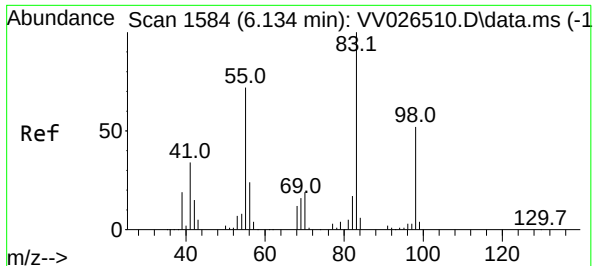
Delta R.T. 0.016 min

Lab File: VV026519.D

Acq: 23 Jun 2022 17:08

Tgt Ion: 78 Resp: 3652

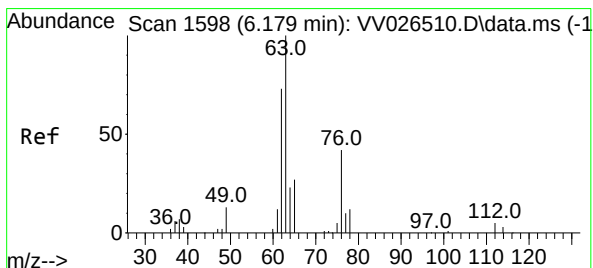
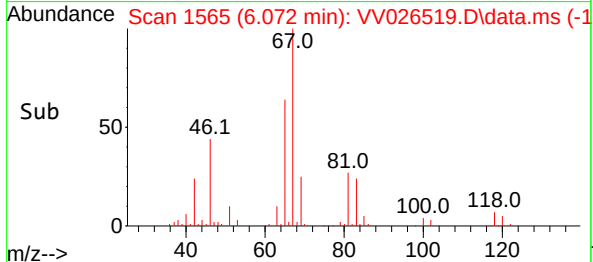
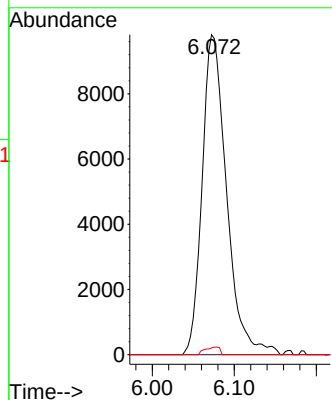
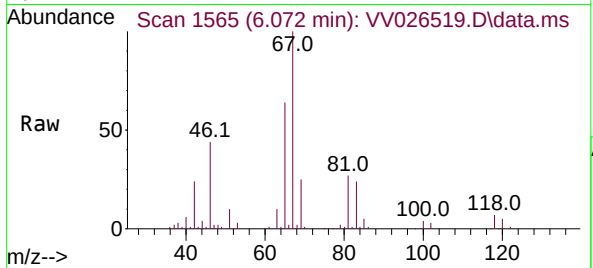




#35
Methylcyclohexane
Concen: 0.916 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

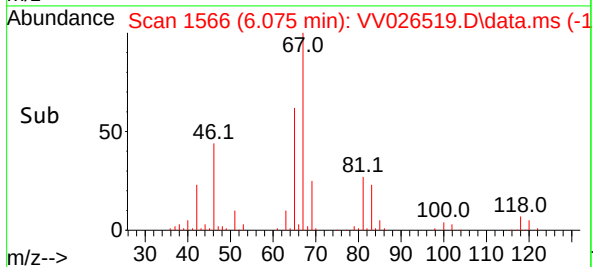
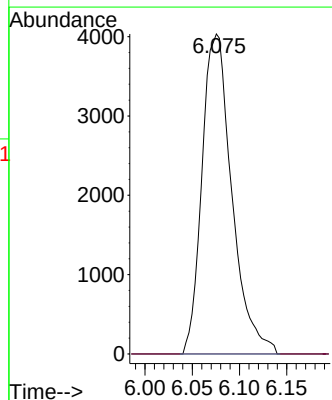
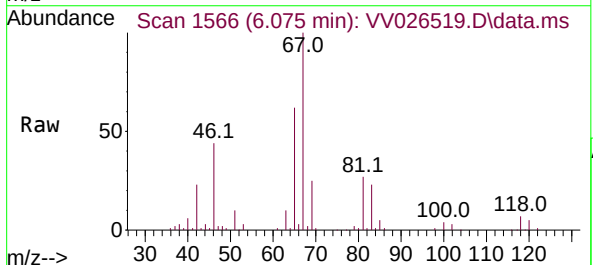
Instrument :
MSVOA_V
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C0AL4

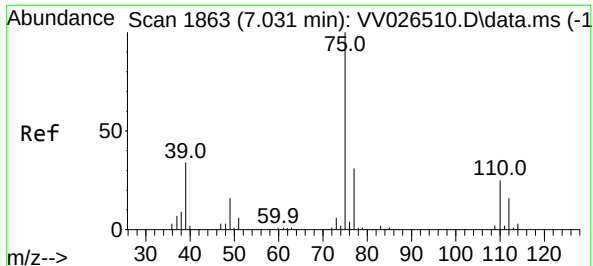
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.0	85.4#
98	1.4	39.8	59.8#



#37
1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.2	6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026519.D

Acq: 23 Jun 2022 17:08

Instrument :

MSVOA_V

ClientSampleId :

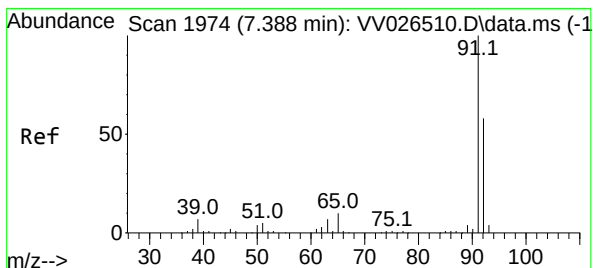
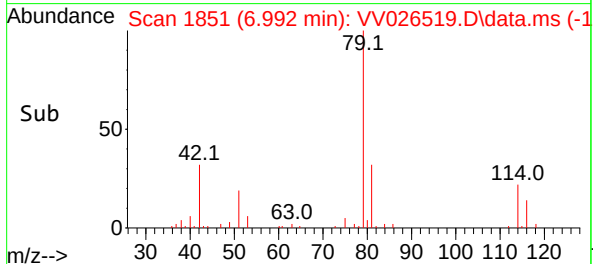
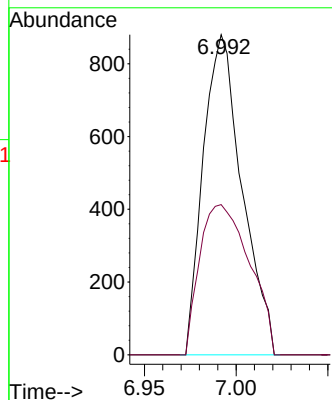
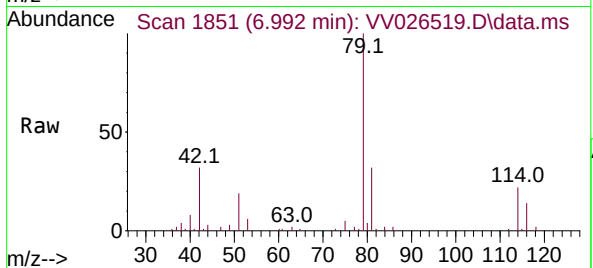
COAL4

Tgt Ion: 75 Resp: 1297

Ion Ratio Lower Upper

75 100

77 46.9 22.8 42.4#



#42

Toluene

Concen: 0.246 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV026519.D

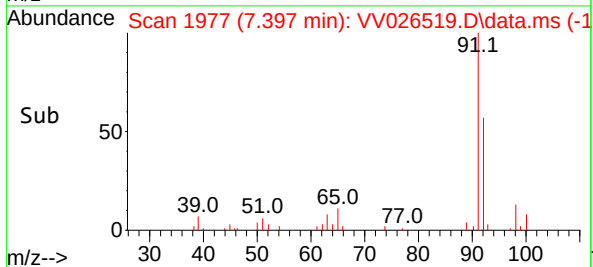
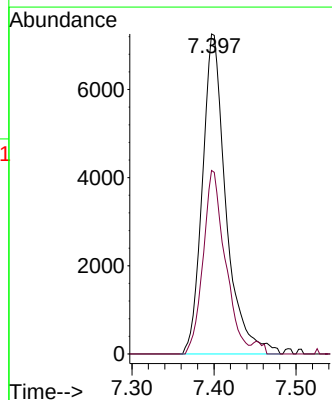
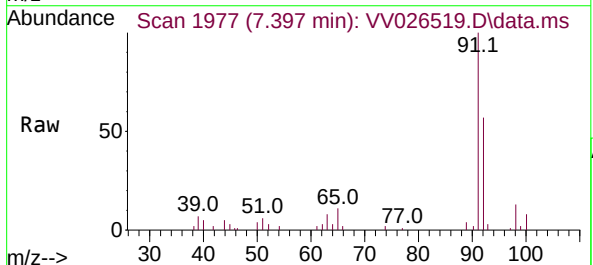
Acq: 23 Jun 2022 17:08

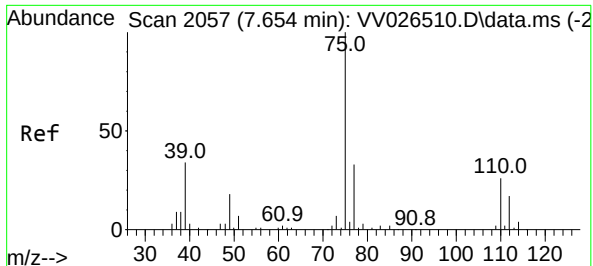
Tgt Ion: 91 Resp: 14483

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.9

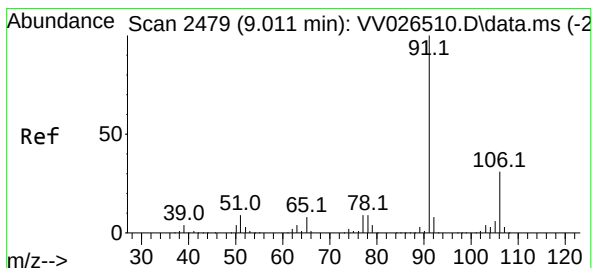
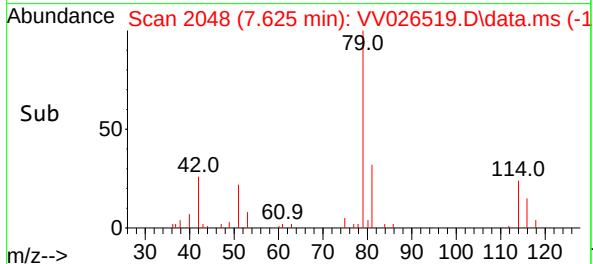
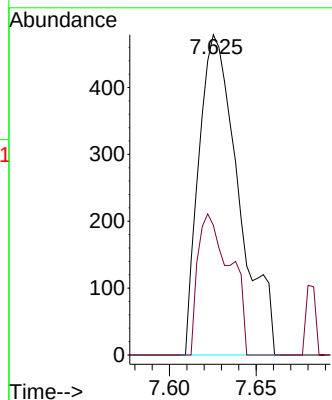
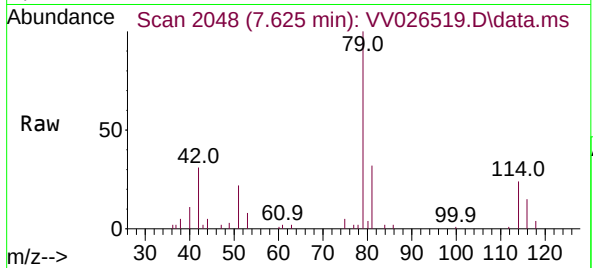




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.029 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

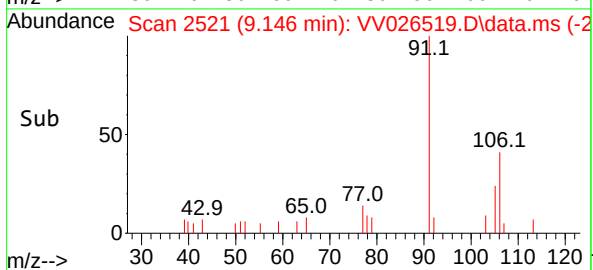
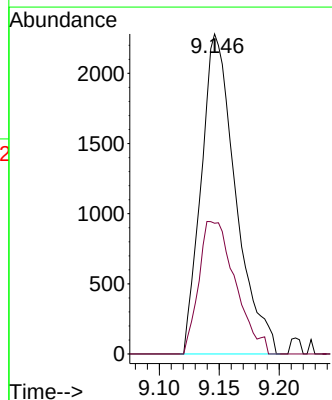
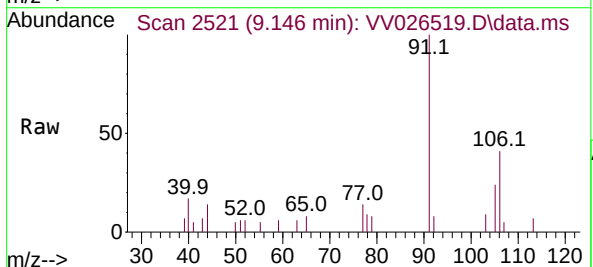
Instrument :
MSVOA_V
ClientSampleId :
C0AL4

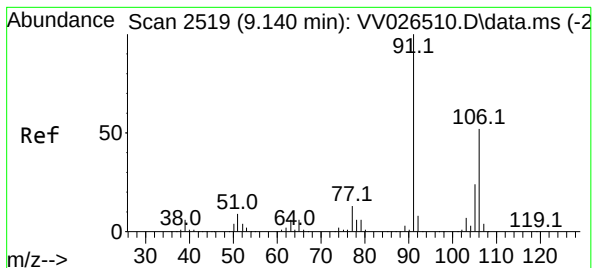
Tgt Ion: 75 Resp: 765
Ion Ratio Lower Upper
75 100
77 40.5 23.1 42.9



#52
Ethylbenzene
Concen: 0.075 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.135 min
Lab File: VV026519.D
Acq: 23 Jun 2022 17:08

Tgt Ion: 91 Resp: 4543
Ion Ratio Lower Upper
91 100
106 40.9 22.1 41.1





#53

m,p-Xylene

Concen: 0.084 ug/L

RT: 9.140 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026519.D

Acq: 23 Jun 2022 17:08

Instrument :

MSVOA_V

ClientSampleId :

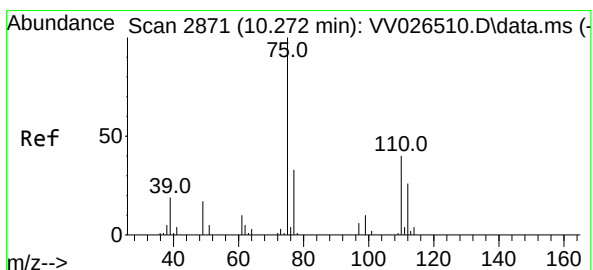
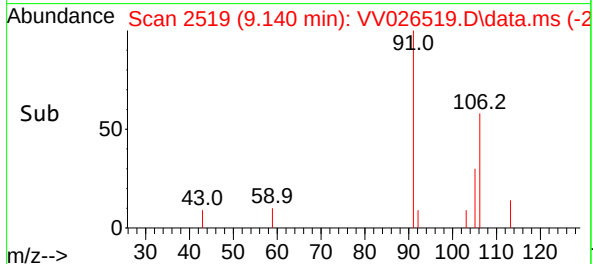
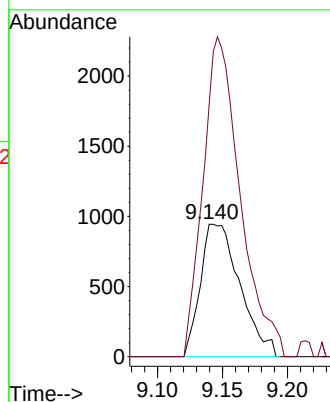
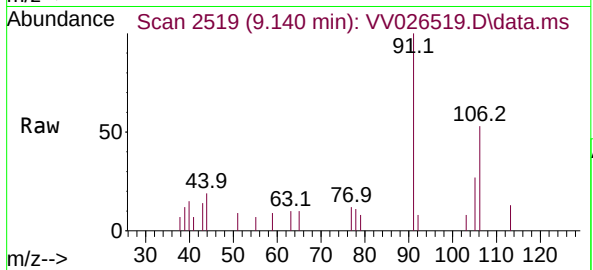
COAL4

Tgt Ion:106 Resp: 2002

Ion Ratio Lower Upper

106 100

91 190.2 139.9 259.9



#61

1,2,3-Trichloropropane

Concen: 1.743 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026519.D

Acq: 23 Jun 2022 17:08

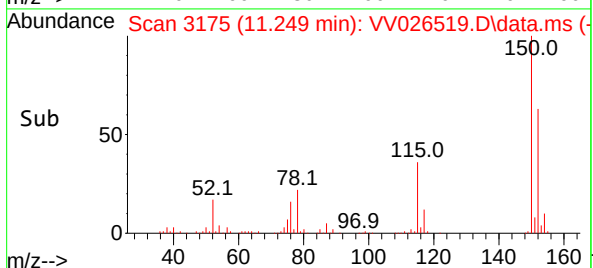
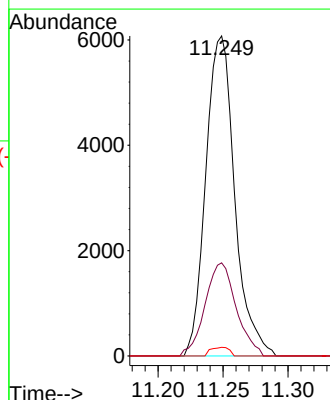
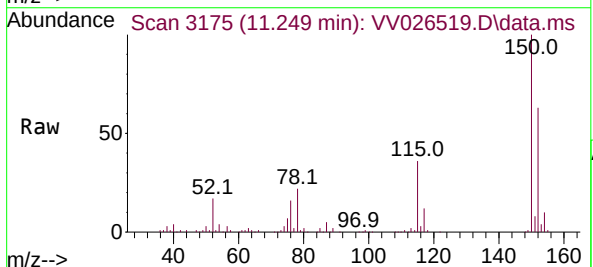
Tgt Ion: 75 Resp: 9413

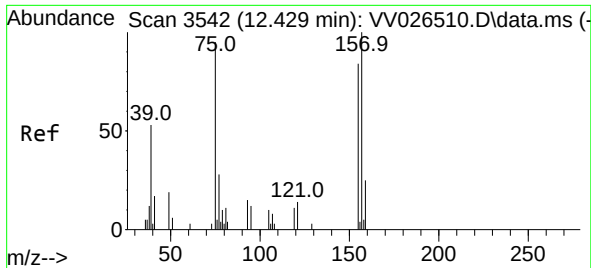
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

110 1.7 32.5 48.7#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.262 ug/L

RT: 12.242 min Scan# 34

Delta R.T. -0.187 min

Lab File: VV026519.D

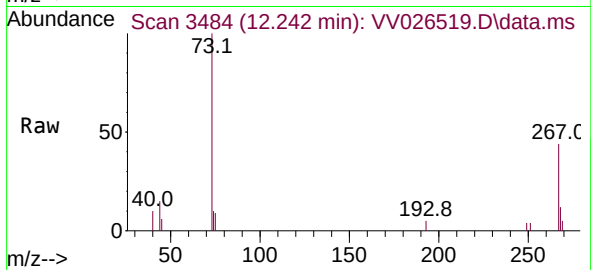
Acq: 23 Jun 2022 17:08

Instrument :

MSVOA_V

ClientSampleId :

C0AL4



Tgt Ion: 75 Resp: 254

Ion Ratio Lower Upper

75 100

155 0.0 74.7 112.1#

157 0.0 96.9 145.3#

