

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026524.D
 Acq On : 23 Jun 2022 19:08
 Operator : SY/MD
 Sample : N3400-13DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE5DL

Quant Time: Jun 24 02:04:32 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	210169	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	194319	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	82999	4.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.577	69	67669	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.118	63	111664	3.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.921	46	101882	60.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.260%
24) Chloroform-d	4.359	84	133312	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.040	65	56036	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.056	84	277659	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.076	67	85965	5.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.000%
41) Toluene-d8	7.317	98	230834	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.629	79	17360	4.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.092	63	81951	54.231	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52466	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	87354	5.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
6) Bromomethane	1.532	94	524	0.052	ug/L	74
8) Chloroethane	1.536	64	17672	1.394	ug/L #	56
14) Carbon disulfide	2.301	76	2831	0.076	ug/L #	91
16) Methylene chloride	2.519	84	20535	1.363	ug/L	98
27) 1,2-Dichloroethane	5.050	62	1381	0.112	ug/L #	72
30) Cyclohexane	4.683	56	14505	0.766	ug/L	99
33) Benzene	5.108	78	8946	0.158	ug/L	100
35) Methylcyclohexane	6.133	83	26971	1.222	ug/L	93
37) 1,2-Dichloropropane	6.072	63	8673	0.634	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1271	0.092	ug/L #	55
45) 1,1,2-Trichloroethane	7.793	97	2118	0.246	ug/L #	21
52) Ethylbenzene	9.014	91	52477	0.866	ug/L	99
53) m,p-Xylene	9.137	106	143382	6.067	ug/L	100
54) o-Xylene	9.548	106	4489	0.202	ug/L	75
60) Isopropylbenzene	9.931	105	74793	1.249	ug/L	99
61) 1,2,3-Trichloropropane	10.355	75	751	0.119	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.915	105	276983	5.853	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	276983	5.935	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.410	75	2084	1.848	ug/L #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

Quant Time: Jun 24 02:04:32 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

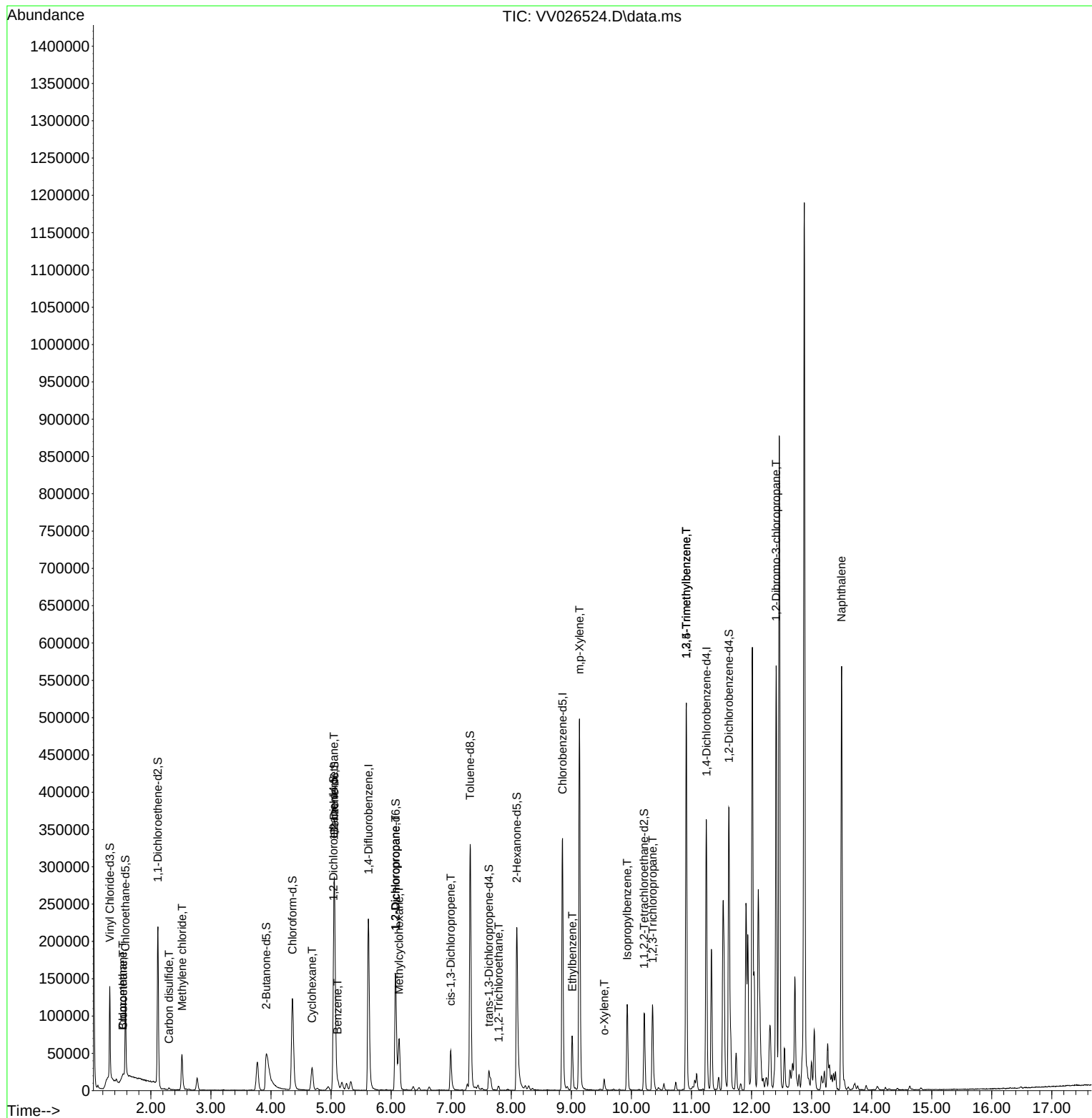
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	13.500	128	439037	22.760	ug/L	100

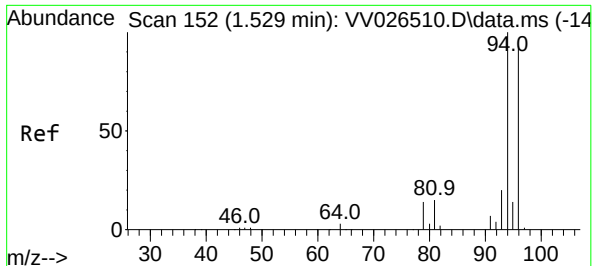
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

Quant Time: Jun 24 02:04:32 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

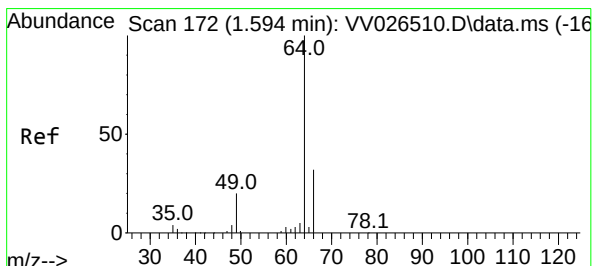
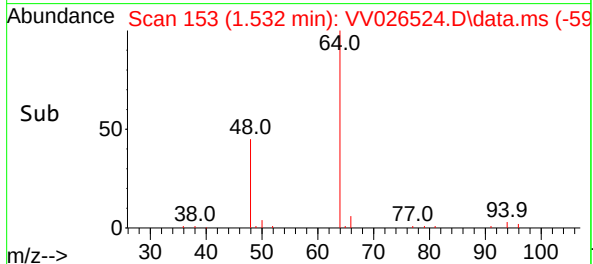
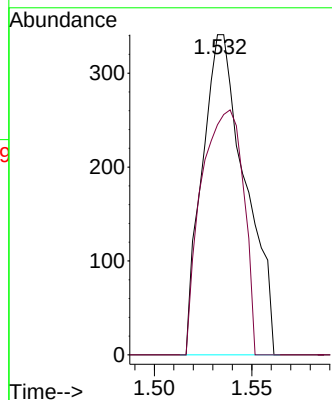
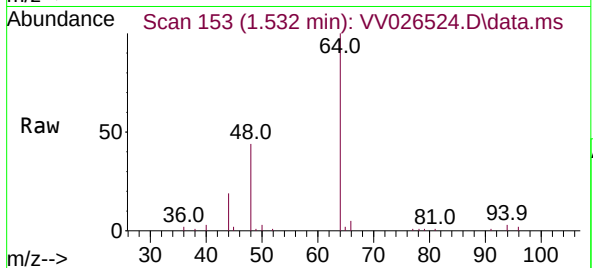




#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.532 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

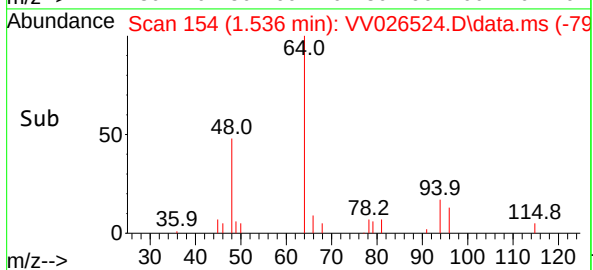
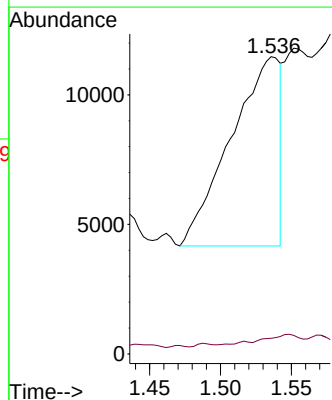
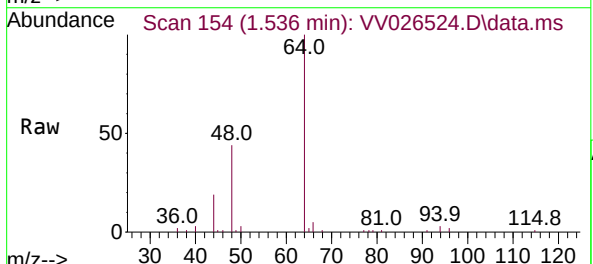
Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

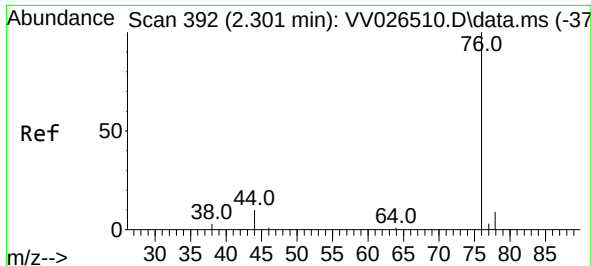
Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 71.8 68.0 126.2



#8
Chloroethane
Concen: 1.394 ug/L
RT: 1.536 min Scan# 154
Delta R.T. -0.058 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

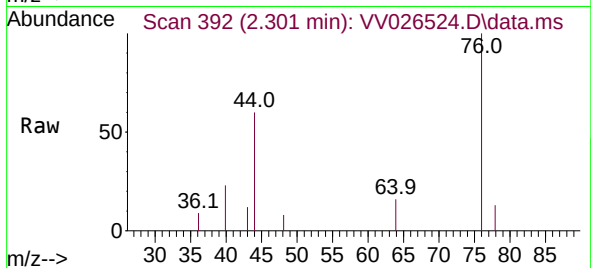
Tgt Ion: 64 Resp: 17672
Ion Ratio Lower Upper
64 100
66 5.3 20.0 37.2#



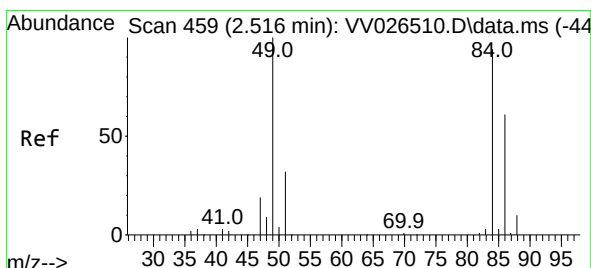
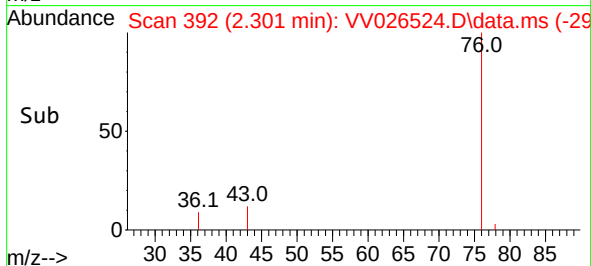
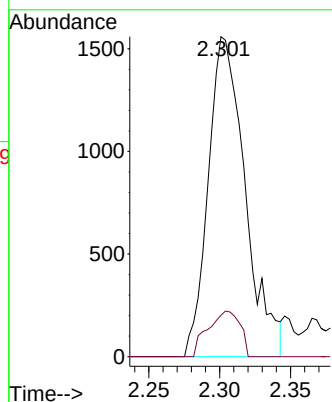


#14
Carbon disulfide
Concen: 0.076 ug/L
RT: 2.301 min Scan# 392
Delta R.T. -0.000 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

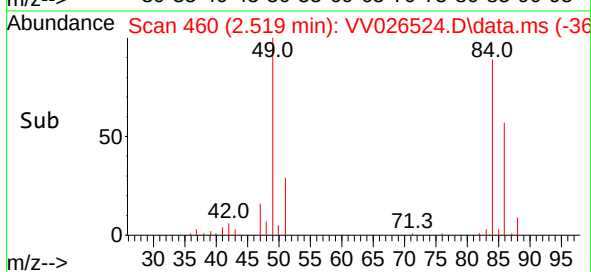
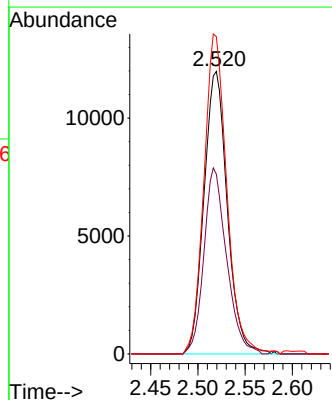
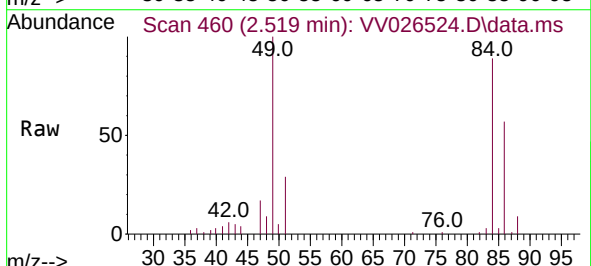


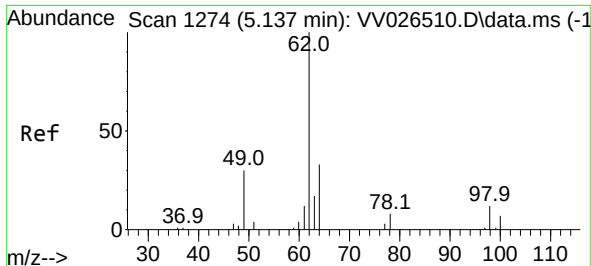
Tgt Ion: 76 Resp: 2831
Ion Ratio Lower Upper
76 100
78 13.0 7.8 11.6#



#16
Methylene chloride
Concen: 1.363 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

Tgt Ion: 84 Resp: 20535
Ion Ratio Lower Upper
84 100
86 63.6 46.0 85.4
49 112.2 77.7 144.3





#27

1,2-Dichloroethane

Concen: 0.112 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV026524.D

Acq: 23 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

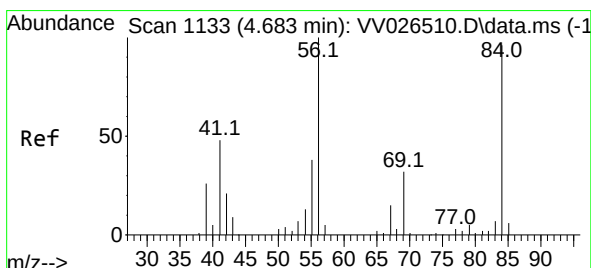
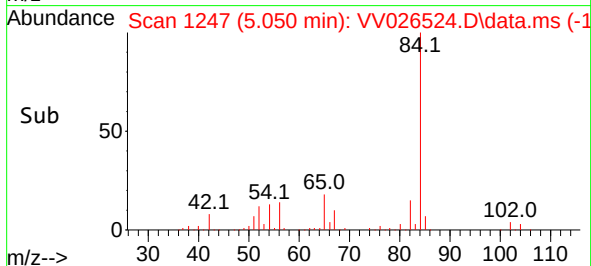
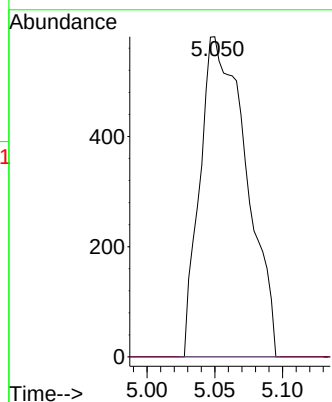
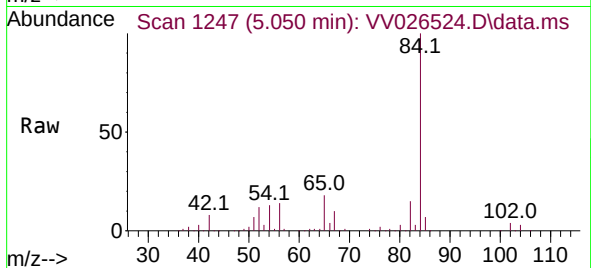
C0AE5DL

Tgt Ion: 62 Resp: 1381

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#30

Cyclohexane

Concen: 0.766 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VV026524.D

Acq: 23 Jun 2022 19:08

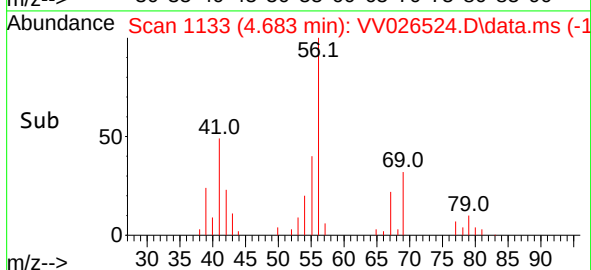
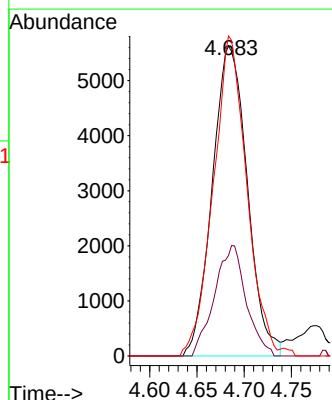
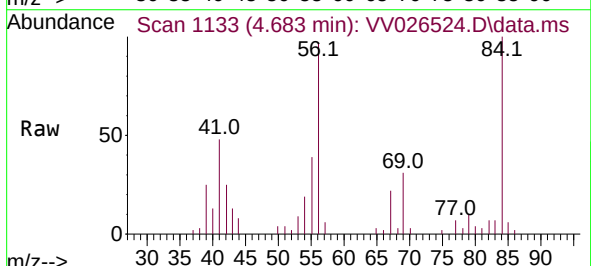
Tgt Ion: 56 Resp: 14505

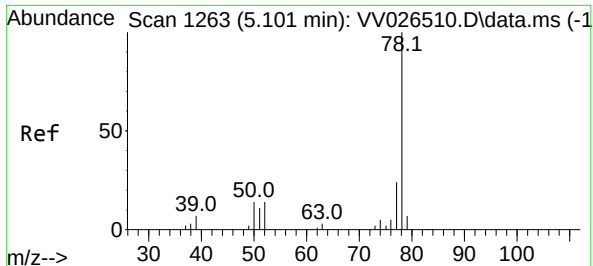
Ion Ratio Lower Upper

56 100

69 32.2 25.4 38.2

84 98.0 77.8 116.6

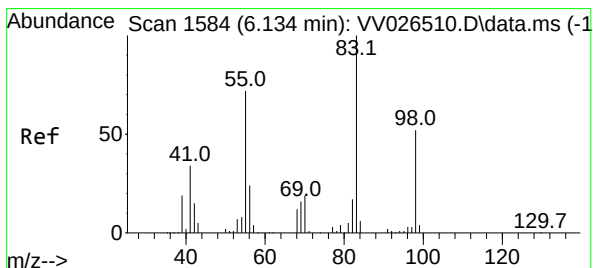
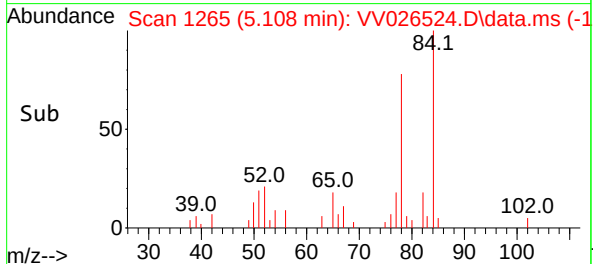
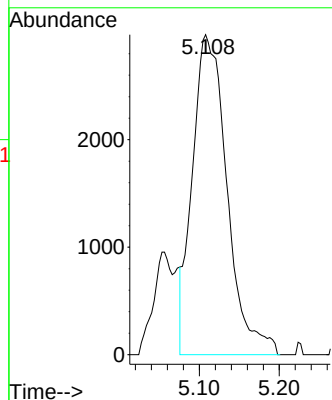
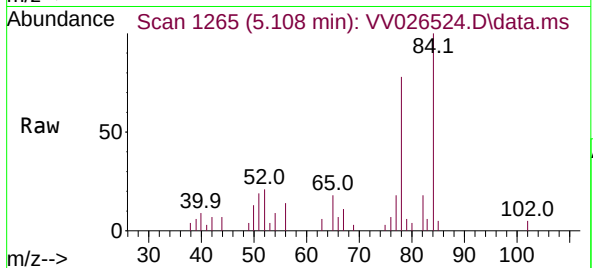




#33
Benzene
Concen: 0.158 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

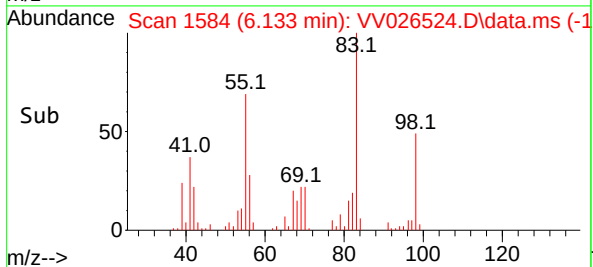
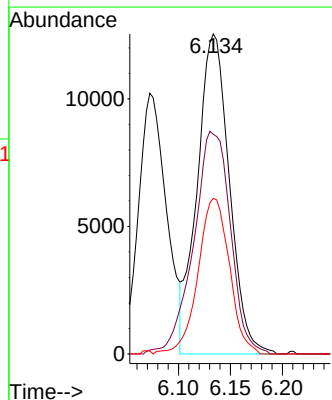
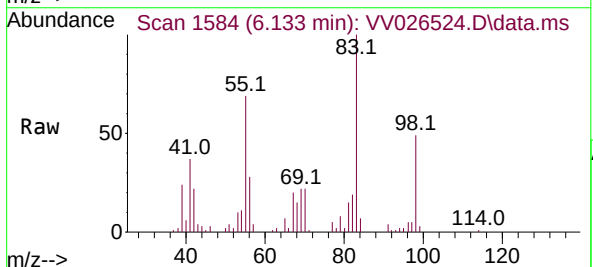
Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

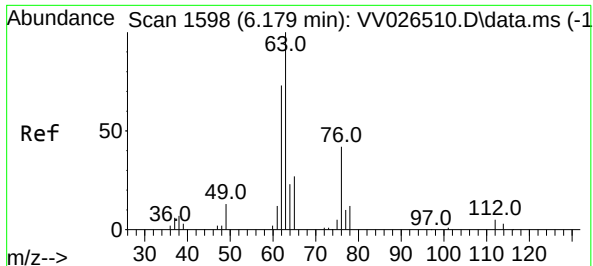
Tgt Ion: 78 Resp: 8946



#35
Methylcyclohexane
Concen: 1.222 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

Tgt Ion: 83 Resp: 26971
Ion Ratio Lower Upper
83 100
55 79.8 57.0 85.4
98 47.6 39.8 59.8





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV026524.D

Acq: 23 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

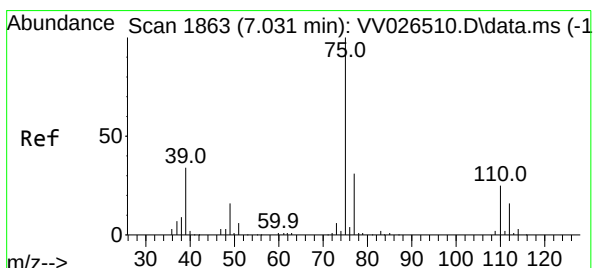
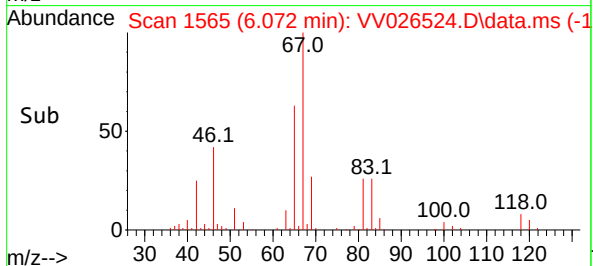
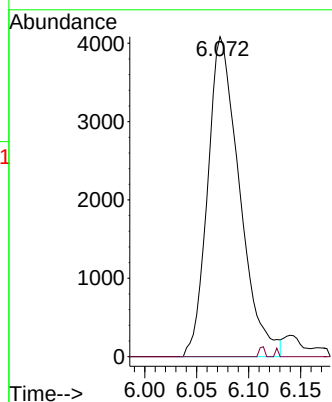
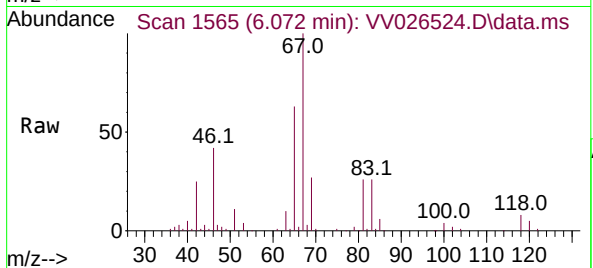
C0AE5DL

Tgt Ion: 63 Resp: 8673

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026524.D

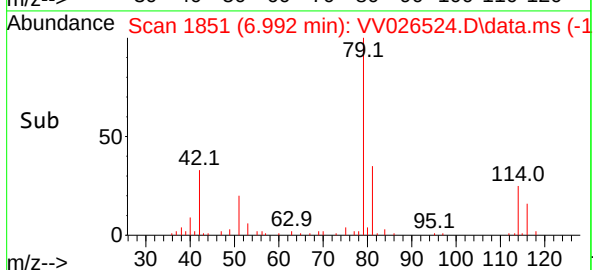
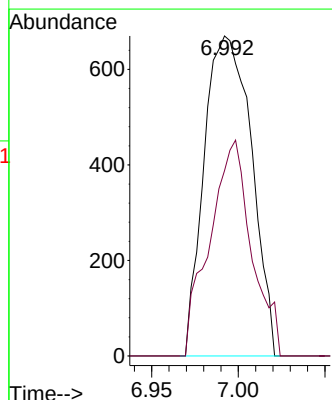
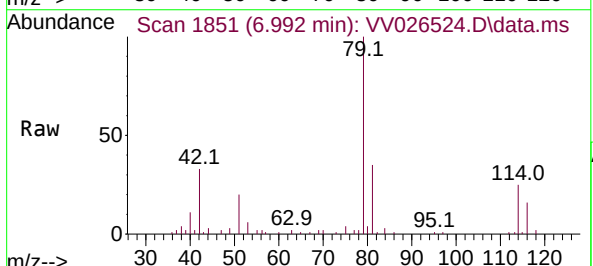
Acq: 23 Jun 2022 19:08

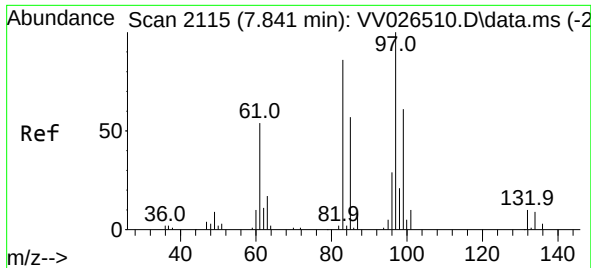
Tgt Ion: 75 Resp: 1271

Ion Ratio Lower Upper

75 100

77 57.9 22.8 42.4#

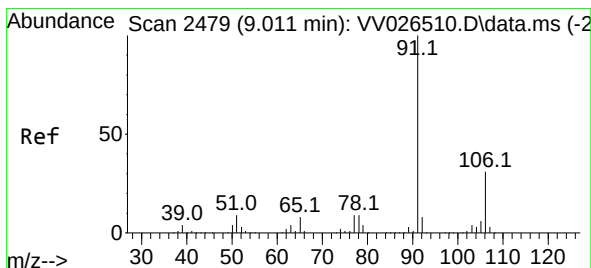
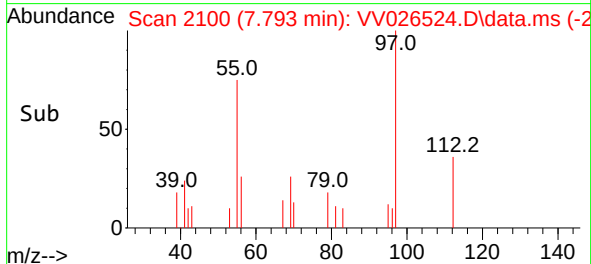
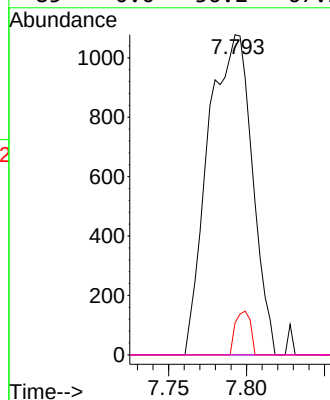
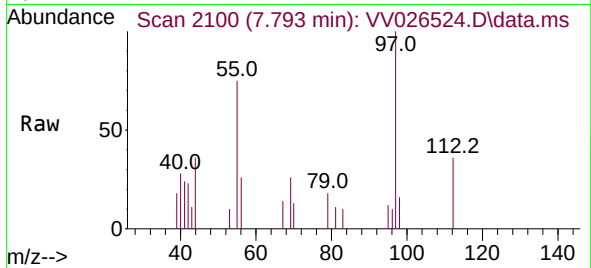




#45
1,1,2-Trichloroethane
Concen: 0.246 ug/L
RT: 7.793 min Scan# 2118
Delta R.T. -0.048 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

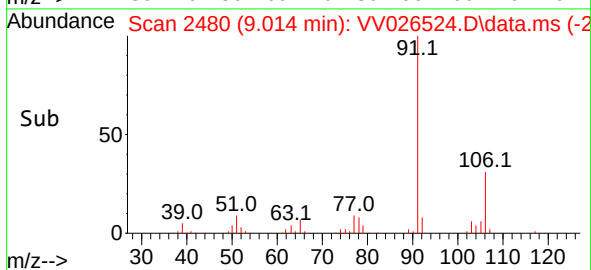
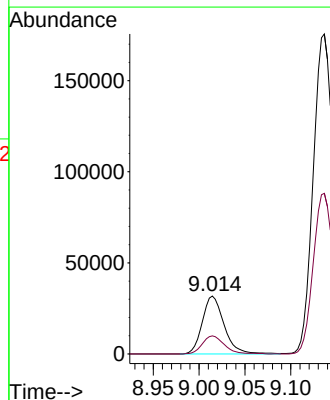
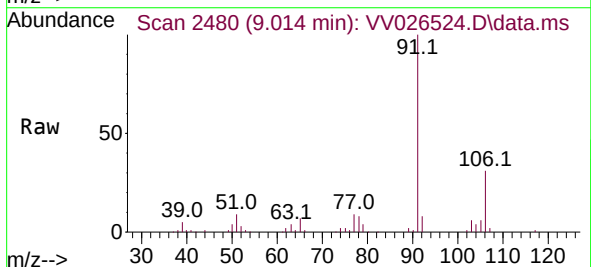
Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

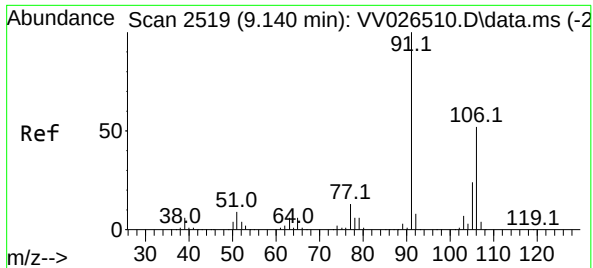
Tgt Ion: 97	Resp: 2118
Ion Ratio	Lower Upper
97 100	
99 0.0	43.4 80.6#
83 10.0	58.0 107.8#
85 0.0	36.2 67.2#



#52
Ethylbenzene
Concen: 0.866 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

Tgt Ion: 91	Resp: 52477
Ion Ratio	Lower Upper
91 100	
106 31.1	22.1 41.1

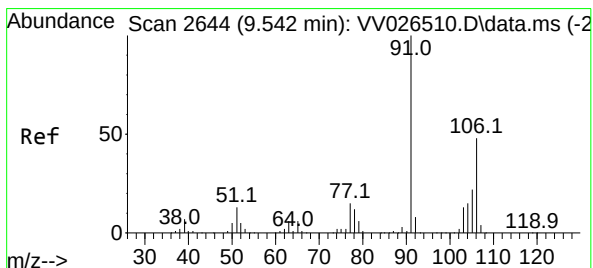
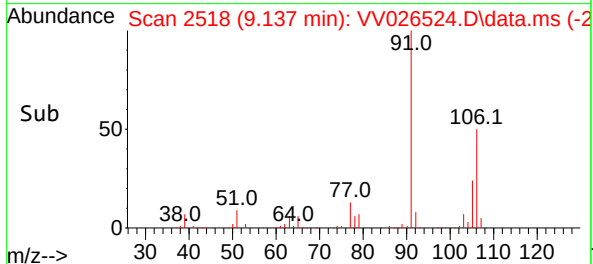
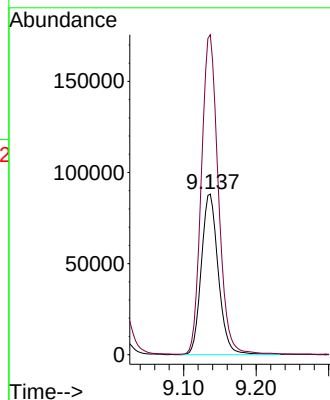
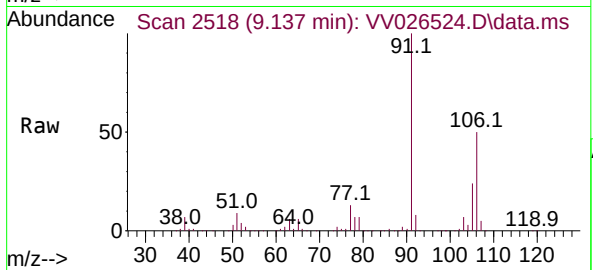




#53
m,p-Xylene
Concen: 6.067 ug/L
RT: 9.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

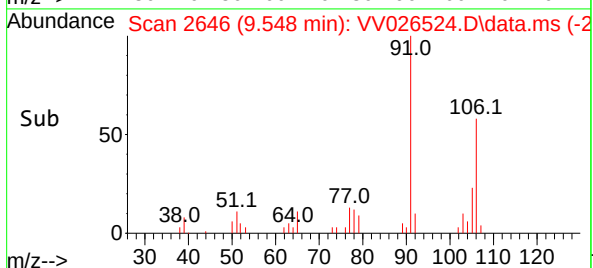
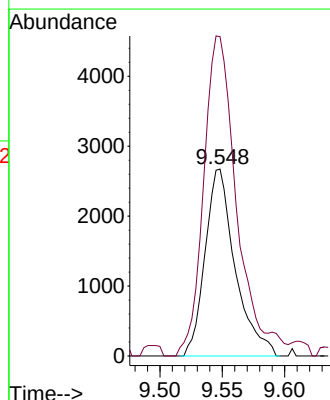
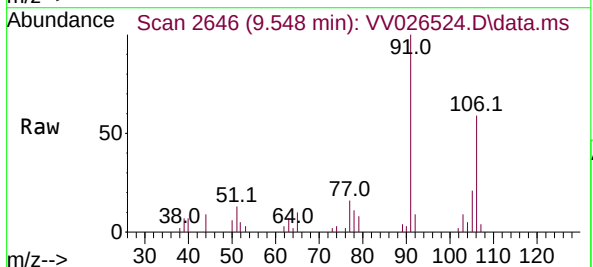
Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

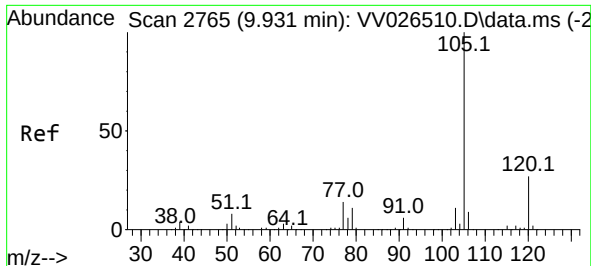
Tgt Ion:106 Resp: 143382
Ion Ratio Lower Upper
106 100
91 199.3 139.9 259.9



#54
o-Xylene
Concen: 0.202 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

Tgt Ion:106 Resp: 4489
Ion Ratio Lower Upper
106 100
91 170.8 147.5 273.9

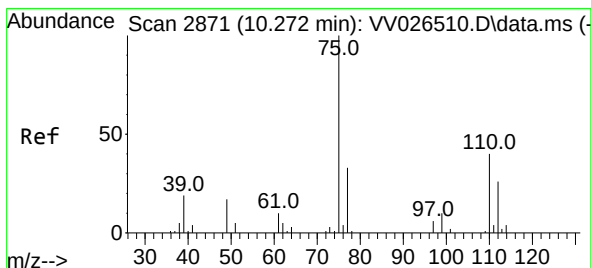
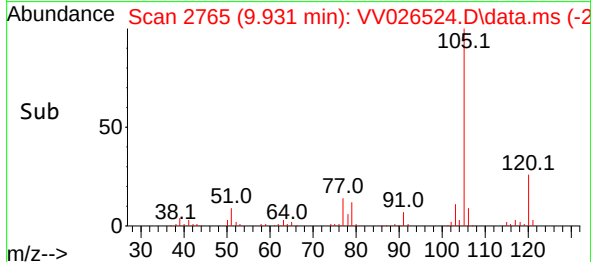
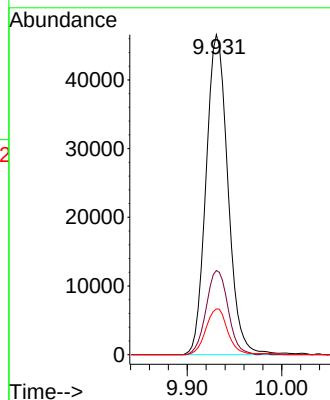
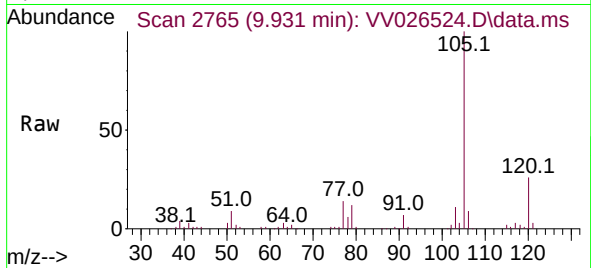




#60
Isopropylbenzene
Concen: 1.249 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

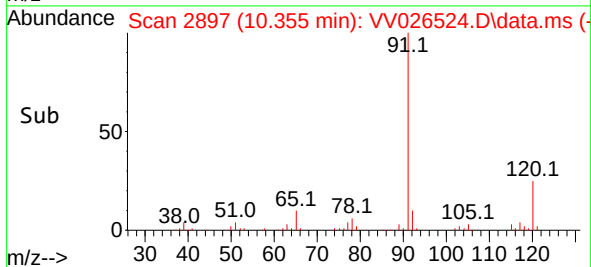
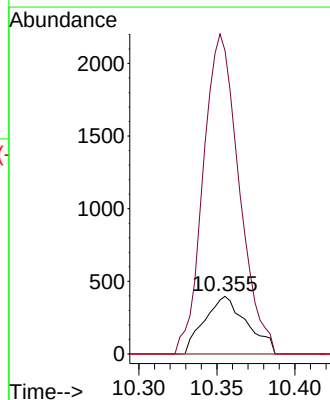
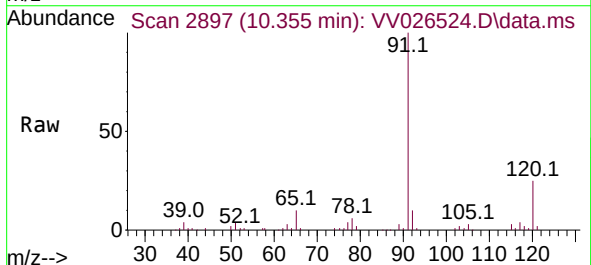
Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

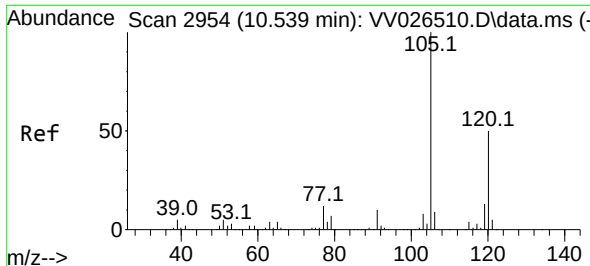
Tgt Ion:105 Resp: 74793
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 14.3 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 0.119 ug/L
RT: 10.355 min Scan# 2897
Delta R.T. 0.084 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

Tgt Ion: 75 Resp: 751
Ion Ratio Lower Upper
75 100
77 469.2 25.8 38.6#
110 0.0 32.5 48.7#





#62

1,3,5-Trimethylbenzene

Concen: 5.853 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.376 min

Lab File: VV026524.D

Acq: 23 Jun 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

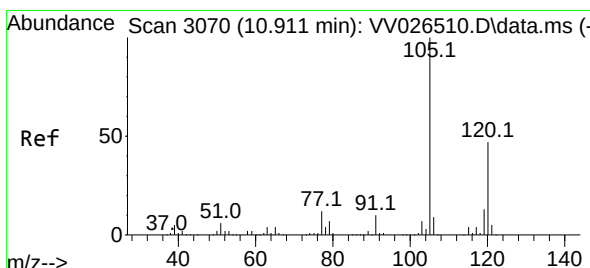
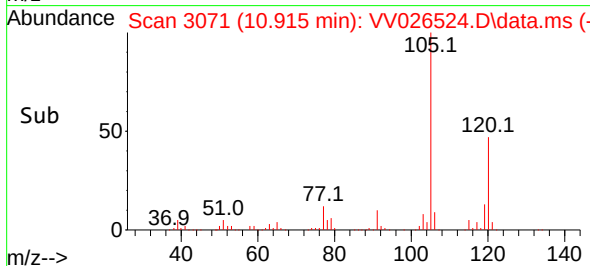
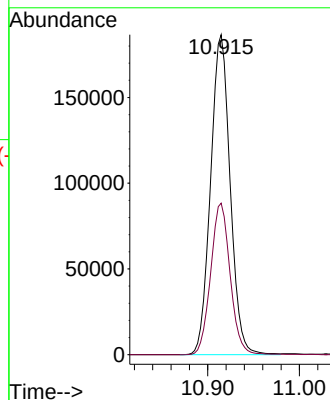
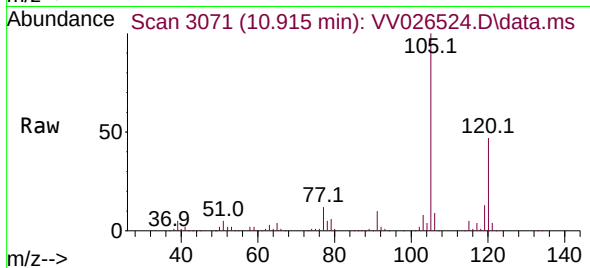
C0AE5DL

Tgt Ion:105 Resp: 276983

Ion Ratio Lower Upper

105 100

120 47.0 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.935 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026524.D

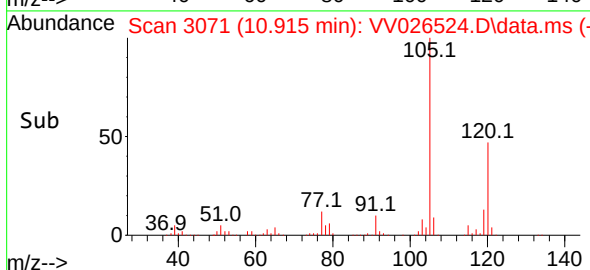
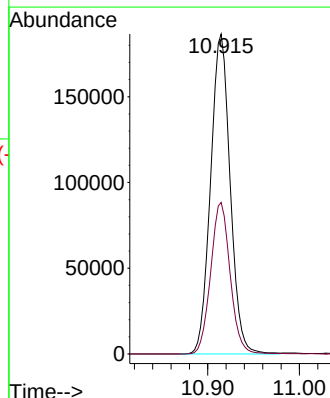
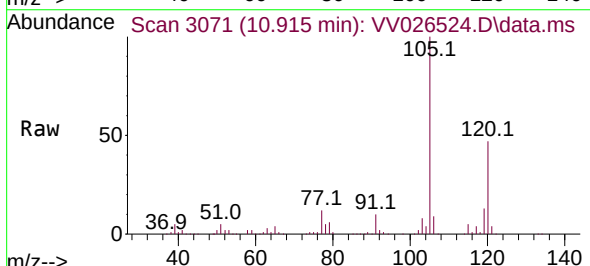
Acq: 23 Jun 2022 19:08

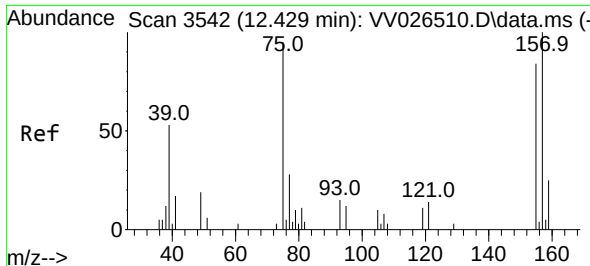
Tgt Ion:105 Resp: 276983

Ion Ratio Lower Upper

105 100

120 47.0 37.4 56.2

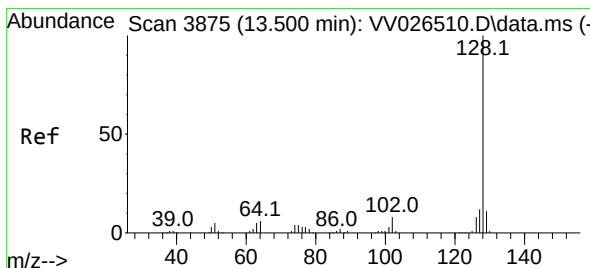
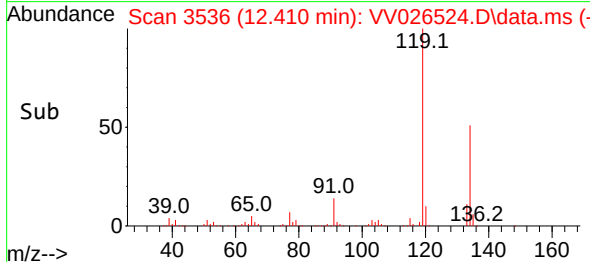
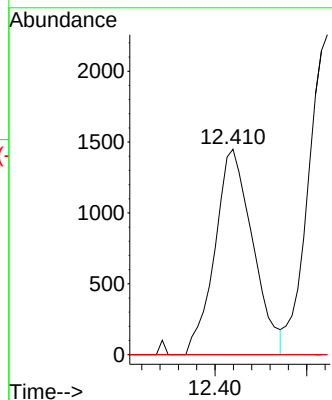
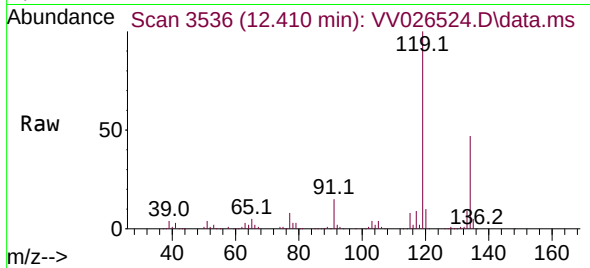




#68
1,2-Dibromo-3-chloropropane
Concen: 1.848 ug/L
RT: 12.410 min Scan# 3536
Delta R.T. -0.019 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

Tgt Ion: 75 Resp: 2084
Ion Ratio Lower Upper
75 100
155 0.0 74.7 112.1#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 22.760 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026524.D
Acq: 23 Jun 2022 19:08

Tgt Ion: 128 Resp: 439037
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.8 10.2 15.4

