

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026525.D
 Acq On : 23 Jun 2022 19:32
 Operator : SY/MD
 Sample : N3400-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Quant Time: Jun 24 02:04:47 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	223222	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	201663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	79654	4.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.574	69	65930	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.114	63	108796	3.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.924	46	93492	52.383	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.760%
24) Chloroform-d	4.352	84	129120	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.040	65	52967	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.053	84	273986	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.072	67	77136	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	230201	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.628	79	17381	4.221	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.091	63	78703	50.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50638	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	86633	5.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
6) Bromomethane	1.529	94	452	0.042	ug/L #	65
8) Chloroethane	1.590	64	5462	0.406	ug/L #	67
19) 1,1-Dichloroethane	3.201	63	3666	0.133	ug/L	97
30) Cyclohexane	4.683	56	74122	3.773	ug/L	97
33) Benzene	5.104	78	237245	4.029	ug/L	100
35) Methylcyclohexane	6.133	83	97946	4.277	ug/L	95
39) cis-1,3-Dichloropropene	6.985	75	1074	0.075	ug/L #	42
45) 1,1,2-Trichloroethane	7.792	97	5327	0.595	ug/L #	21
51) Chlorobenzene	8.886	112	5407	0.136	ug/L	95
52) Ethylbenzene	9.018	91	10326	0.164	ug/L	99
53) m,p-Xylene	9.136	106	155352	6.335	ug/L	97
54) o-Xylene	9.548	106	3038	0.132	ug/L	93
60) Isopropylbenzene	9.931	105	204076	3.468	ug/L	99
61) 1,2,3-Trichloropropane	10.352	75	1041	0.169	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.915	105	57906	1.245	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	57906	1.263	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.410	75	3328	3.004	ug/L #	1
71) Naphthalene	13.500	128	191827	10.119	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Quant Time: Jun 24 02:04:47 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

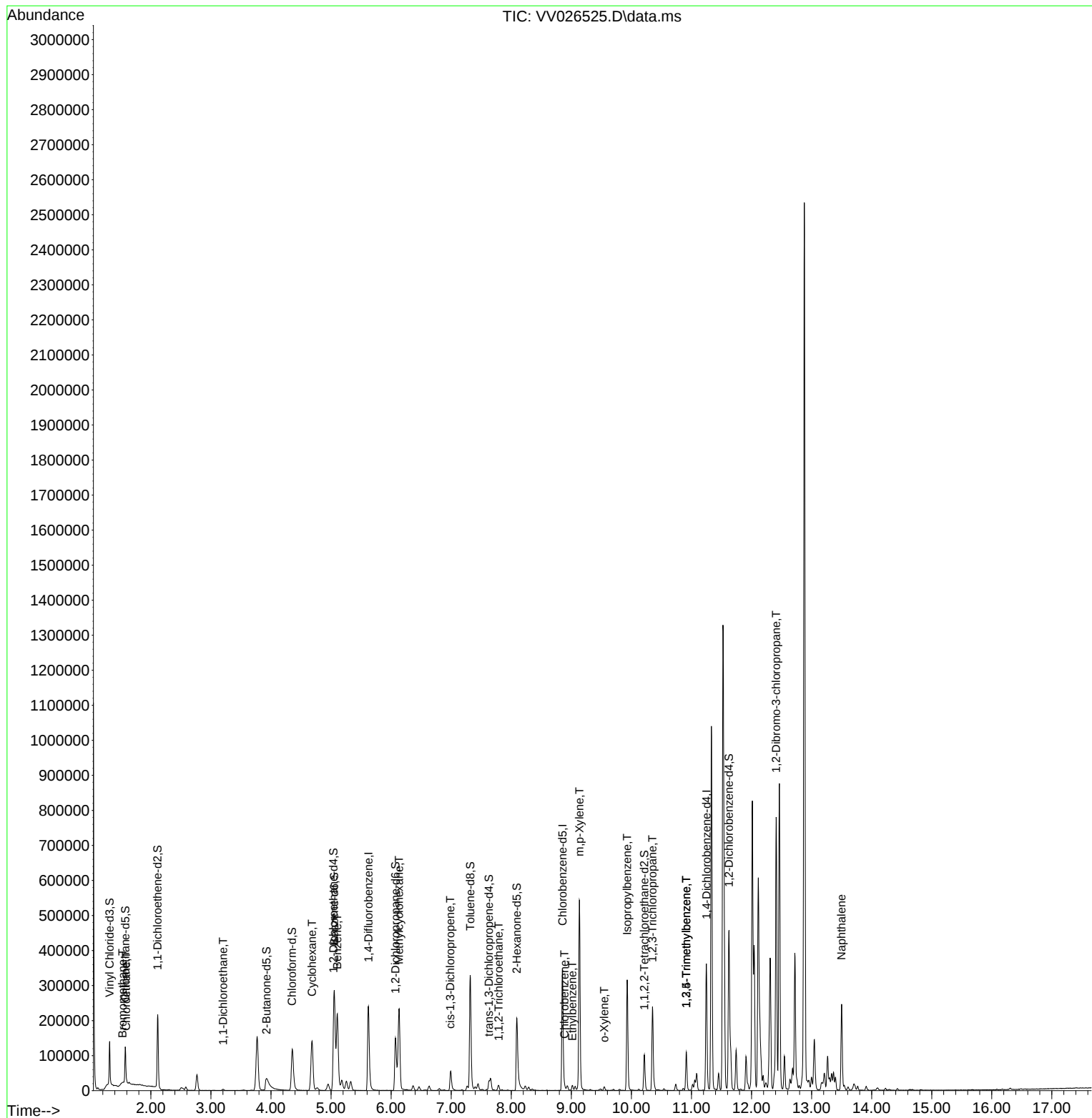
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

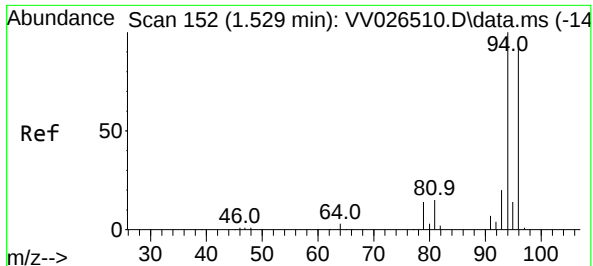
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Quant Time: Jun 24 02:04:47 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

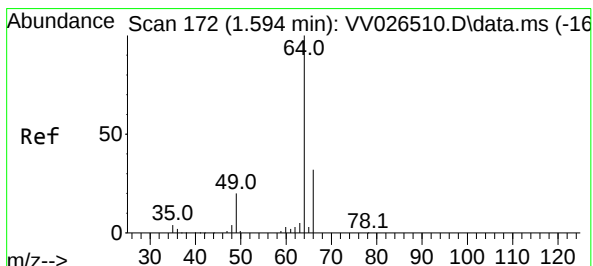
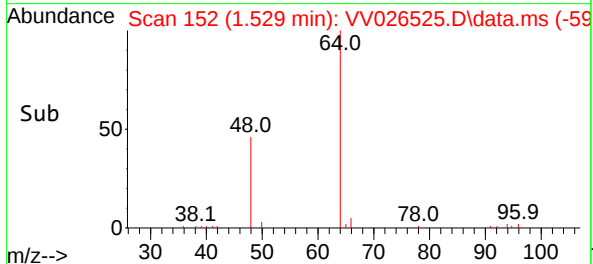
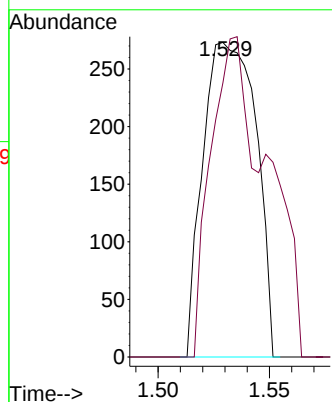
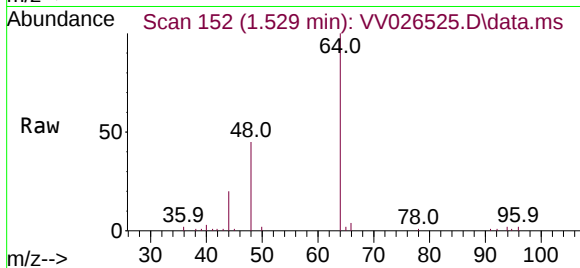




#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.529 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

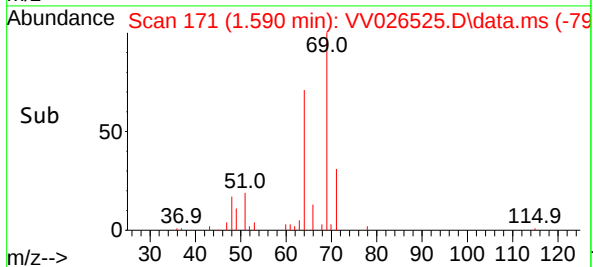
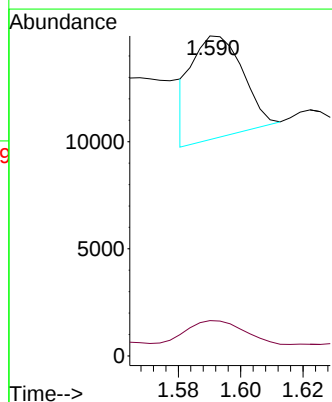
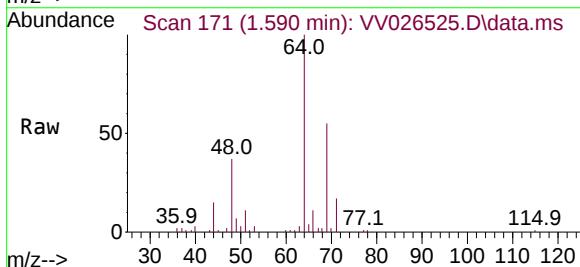
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

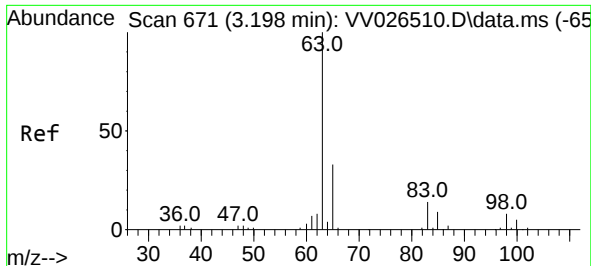
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 63.1 68.0 126.2#



#8
Chloroethane
Concen: 0.406 ug/L
RT: 1.590 min Scan# 171
Delta R.T. -0.003 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

Tgt Ion: 64 Resp: 5462
Ion Ratio Lower Upper
64 100
66 11.0 20.0 37.2#





#19

1,1-Dichloroethane

Concen: 0.133 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026525.D

Acq: 23 Jun 2022 19:32

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

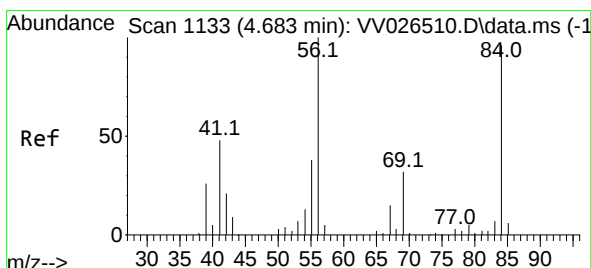
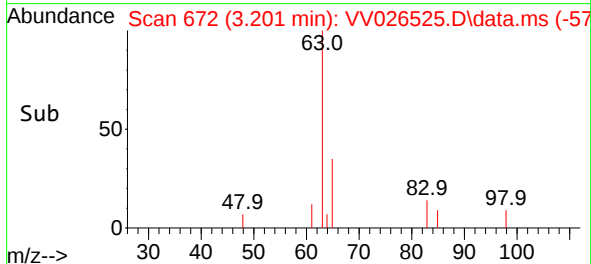
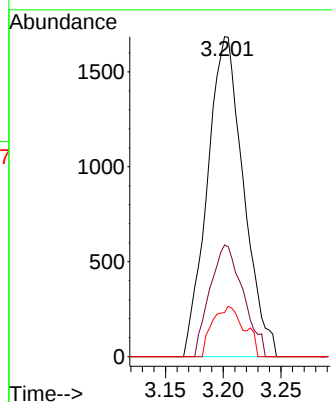
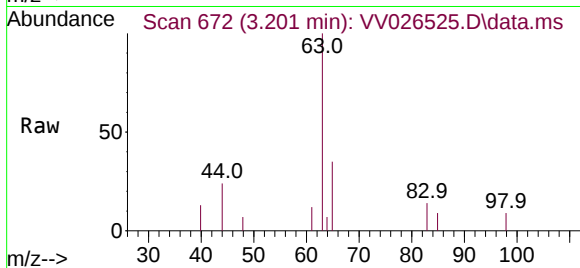
Tgt Ion: 63 Resp: 3666

Ion Ratio Lower Upper

63 100

65 34.9 23.0 42.6

83 13.8 10.2 19.0



#30

Cyclohexane

Concen: 3.773 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VV026525.D

Acq: 23 Jun 2022 19:32

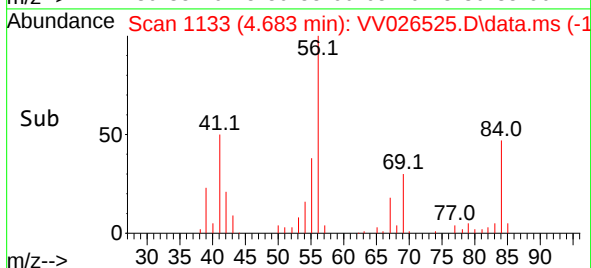
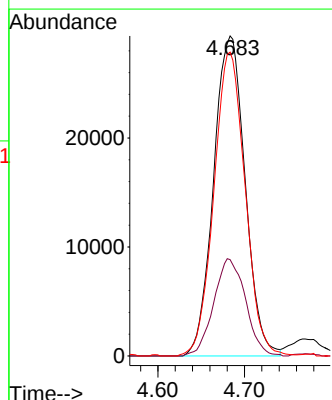
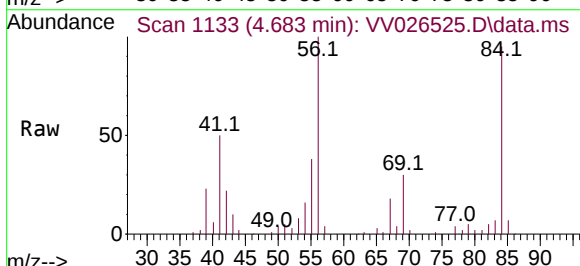
Tgt Ion: 56 Resp: 74122

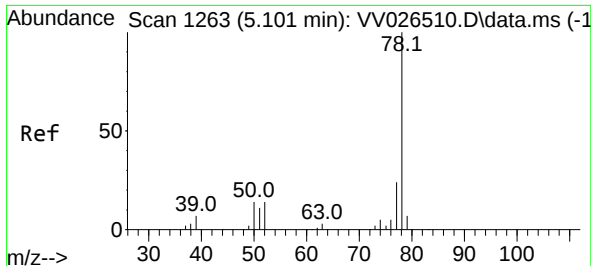
Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.2

84 94.2 77.8 116.6

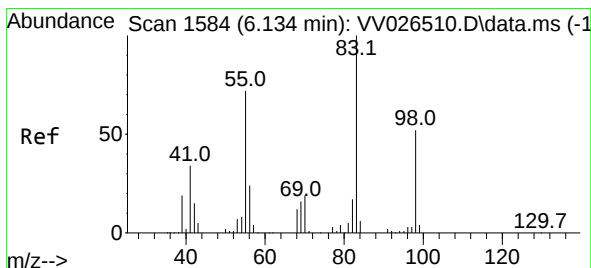
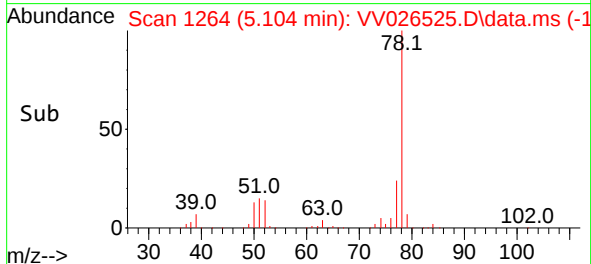
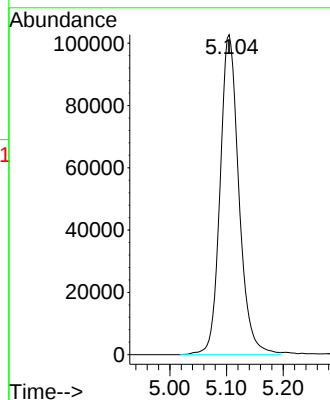
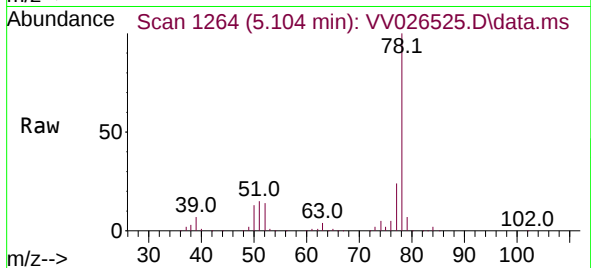




#33
Benzene
Concen: 4.029 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

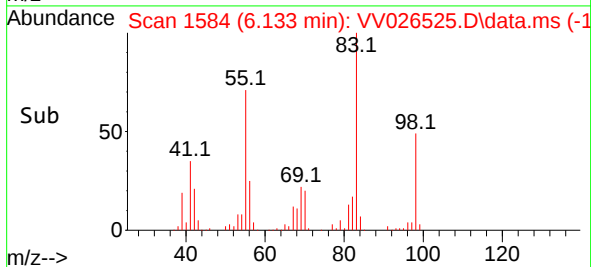
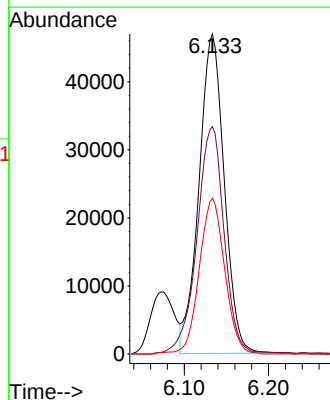
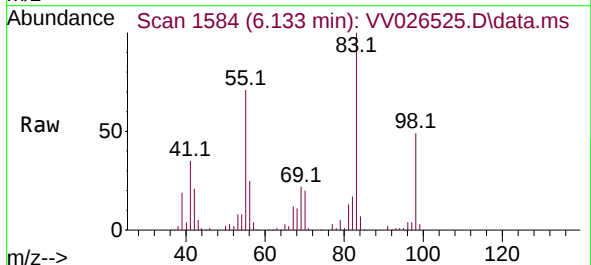
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

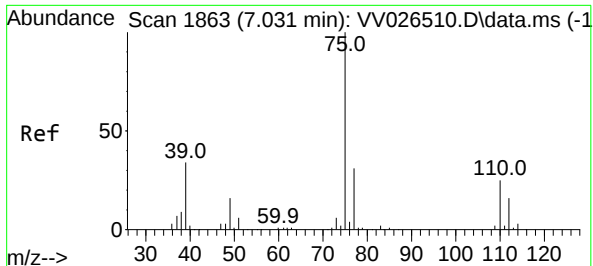
Tgt Ion: 78 Resp: 237245



#35
Methylcyclohexane
Concen: 4.277 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

Tgt Ion: 83 Resp: 97946
Ion Ratio Lower Upper
83 100
55 77.0 57.0 85.4
98 49.1 39.8 59.8





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV026525.D

Acq: 23 Jun 2022 19:32

Instrument :

MSVOA_V

ClientSampleId :

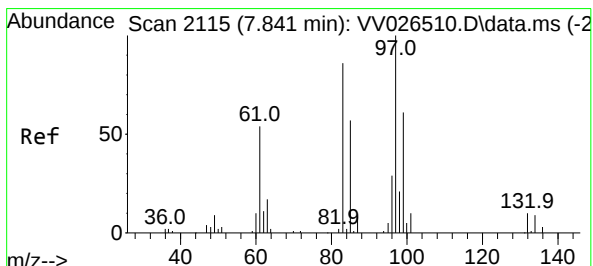
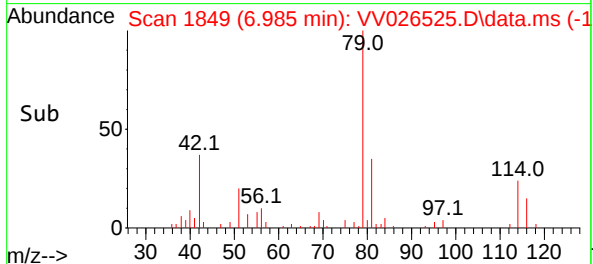
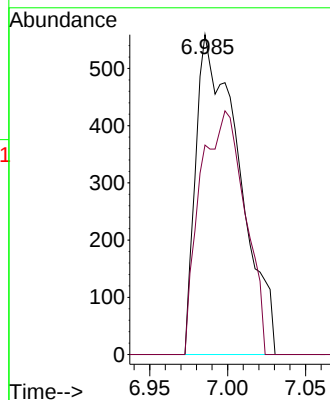
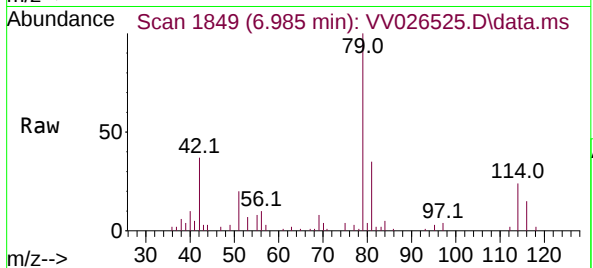
C0AA3

Tgt Ion: 75 Resp: 1074

Ion Ratio Lower Upper

75 100

77 65.5 22.8 42.4#



#45

1,1,2-Trichloroethane

Concen: 0.595 ug/L

RT: 7.792 min Scan# 2100

Delta R.T. -0.048 min

Lab File: VV026525.D

Acq: 23 Jun 2022 19:32

Tgt Ion: 97 Resp: 5327

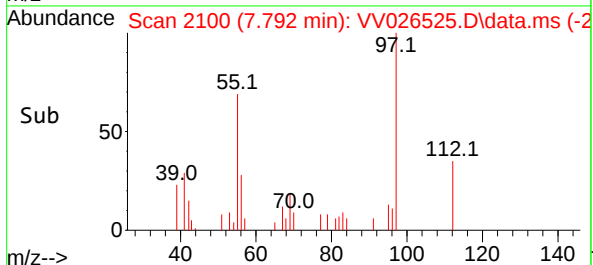
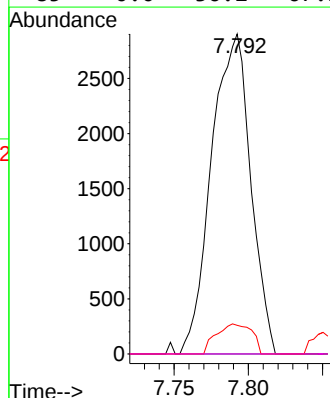
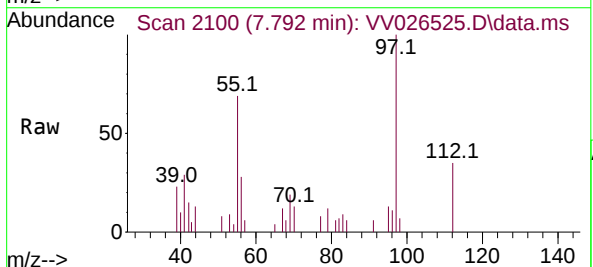
Ion Ratio Lower Upper

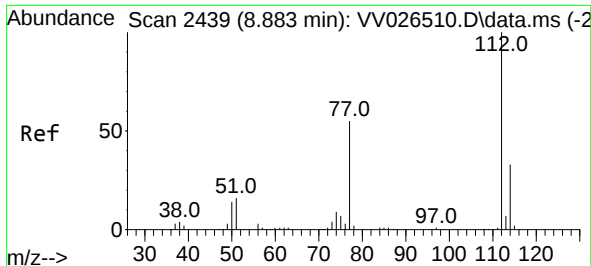
97 100

99 0.0 43.4 80.6#

83 9.0 58.0 107.8#

85 0.0 36.2 67.2#

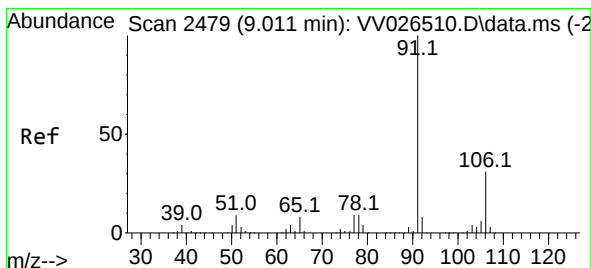
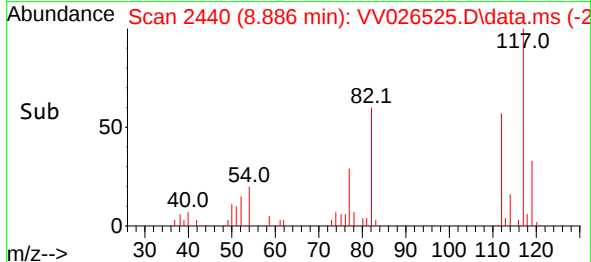
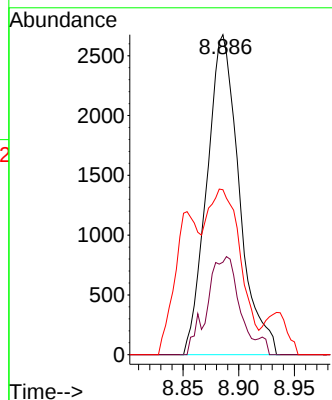
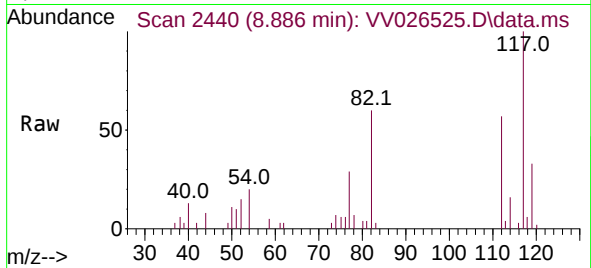




#51
Chlorobenzene
Concen: 0.136 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

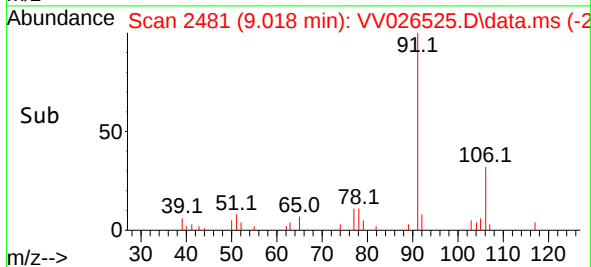
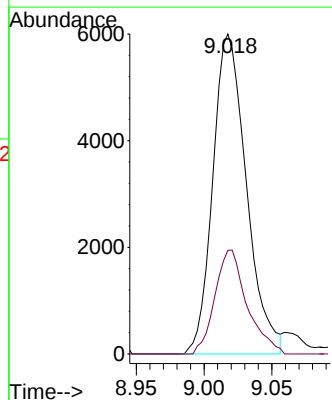
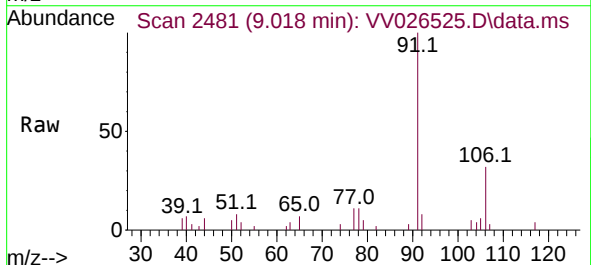
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

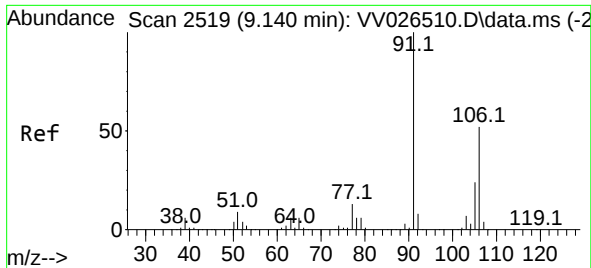
Tgt Ion:112 Resp: 5407
Ion Ratio Lower Upper
112 100
114 28.9 22.3 41.5
77 51.5 44.4 66.6



#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

Tgt Ion: 91 Resp: 10326
Ion Ratio Lower Upper
91 100
106 32.4 22.1 41.1

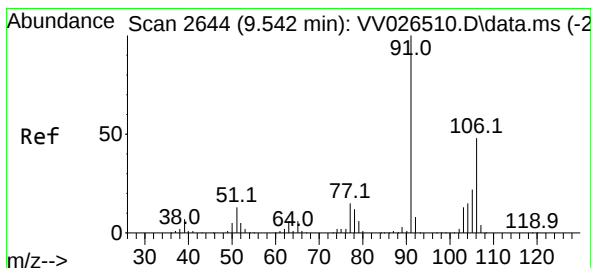
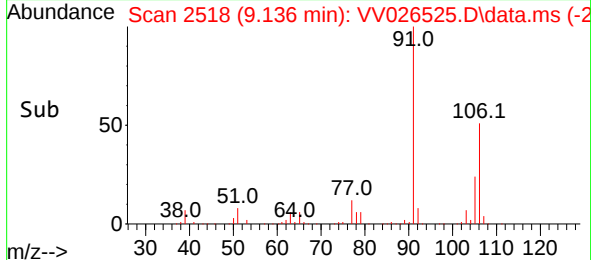
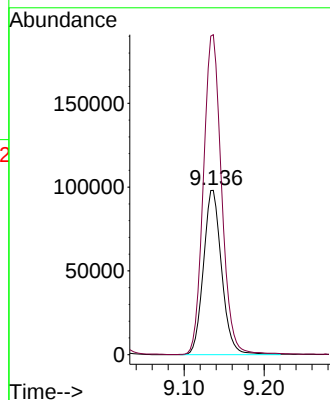
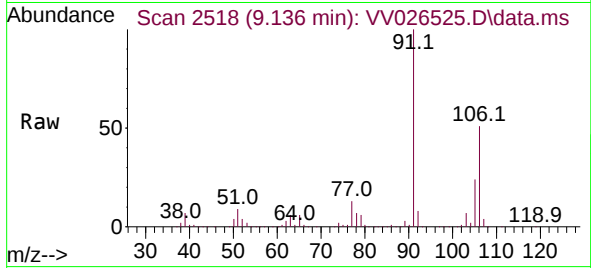




#53
m,p-Xylene
Concen: 6.335 ug/L
RT: 9.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

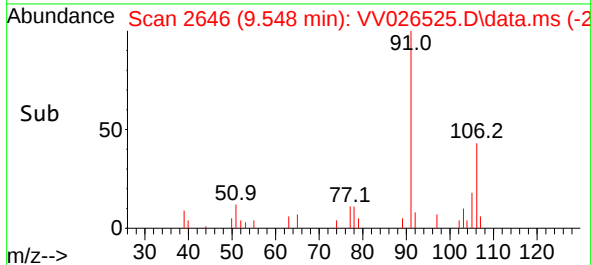
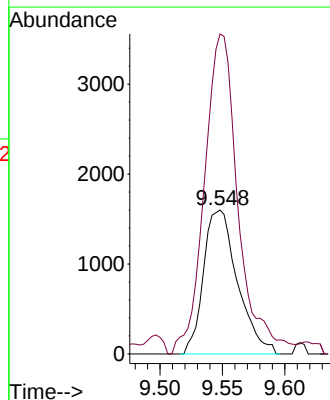
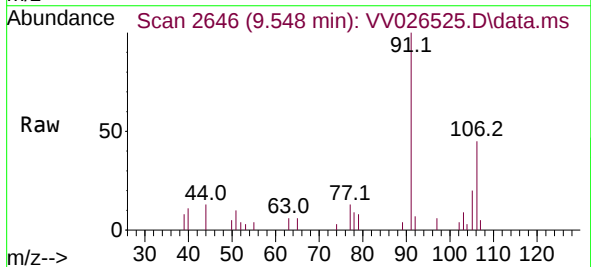
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

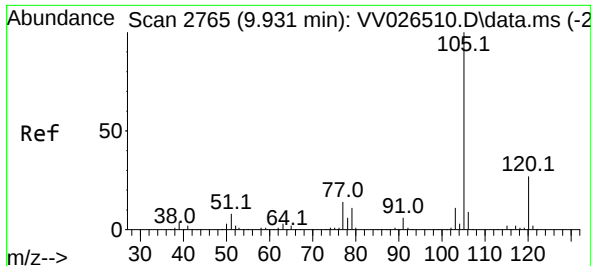
Tgt Ion:106 Resp: 155352
Ion Ratio Lower Upper
106 100
91 194.7 139.9 259.9



#54
o-Xylene
Concen: 0.132 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

Tgt Ion:106 Resp: 3038
Ion Ratio Lower Upper
106 100
91 222.2 147.5 273.9

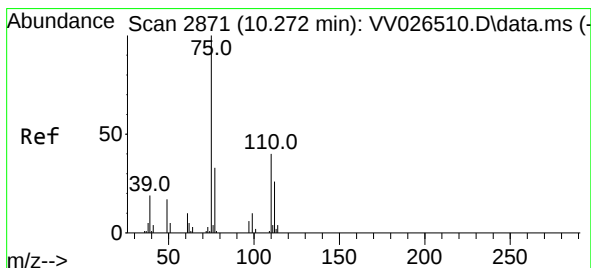
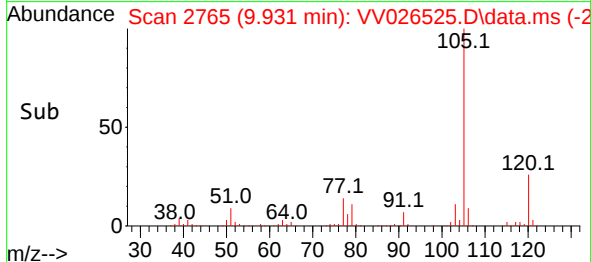
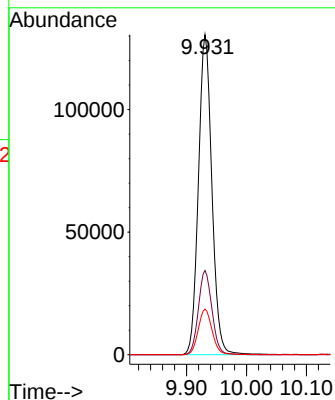
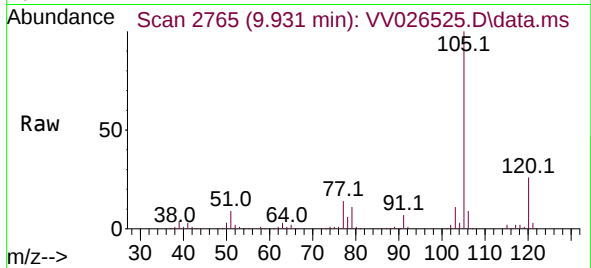




#60
Isopropylbenzene
Concen: 3.468 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

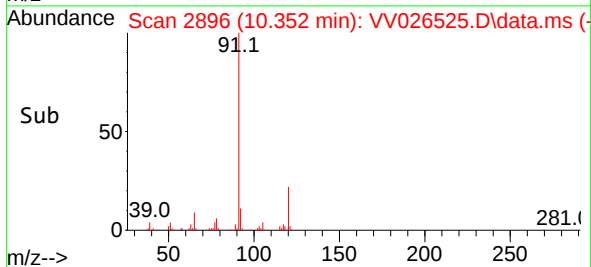
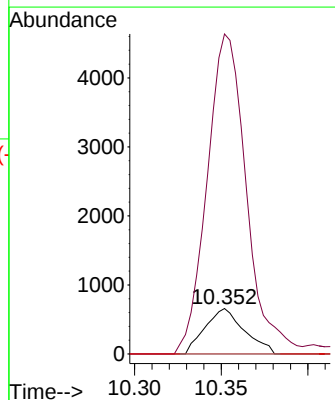
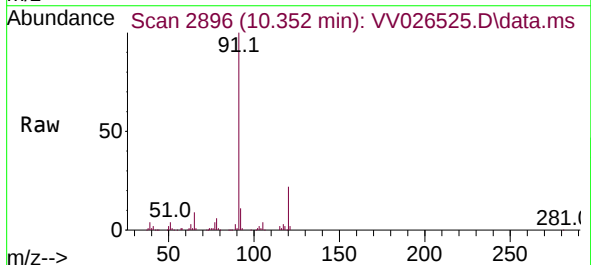
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

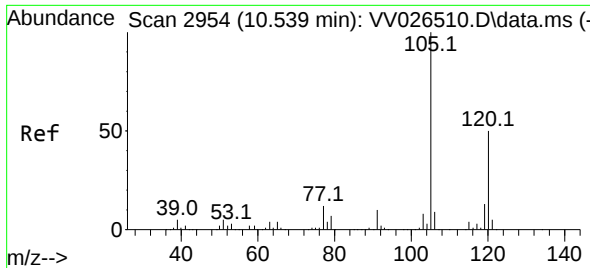
Tgt Ion:105 Resp: 204076
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 0.169 ug/L
RT: 10.352 min Scan# 2896
Delta R.T. 0.080 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

Tgt Ion: 75 Resp: 1041
Ion Ratio Lower Upper
75 100
77 702.7 25.8 38.6#
110 0.0 32.5 48.7#

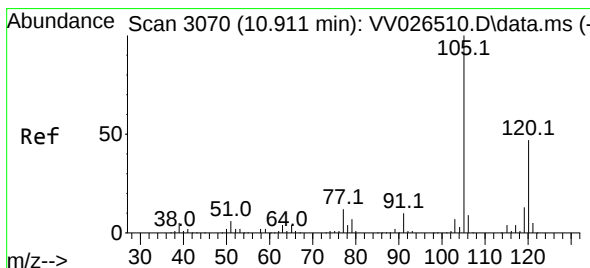
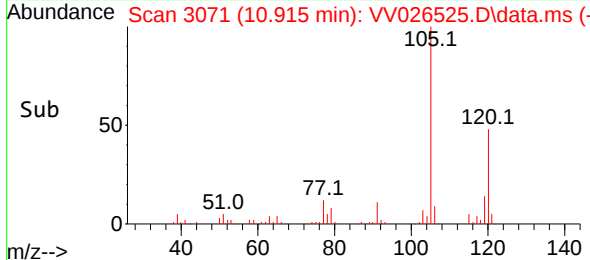
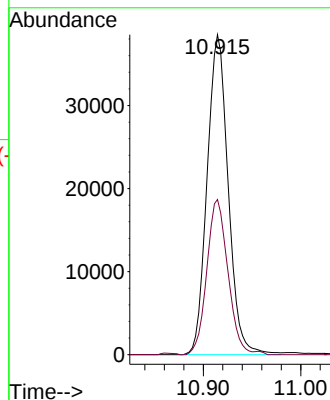
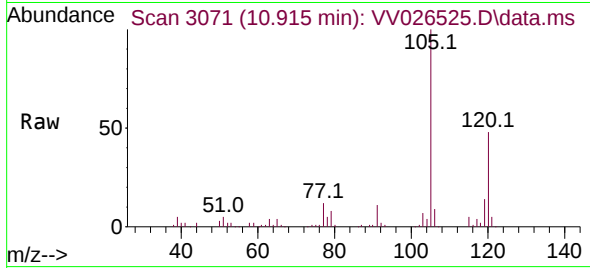




#62
 1,3,5-Trimethylbenzene
 Concen: 1.245 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.376 min
 Lab File: VV026525.D
 Acq: 23 Jun 2022 19:32

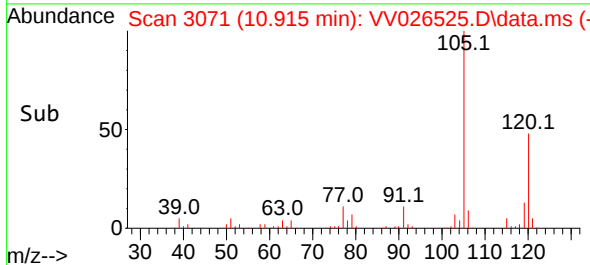
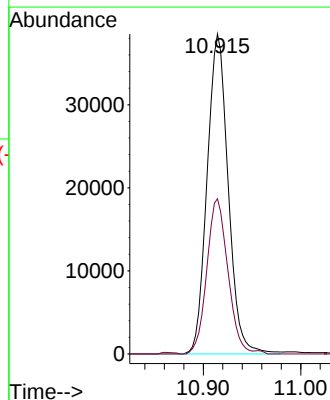
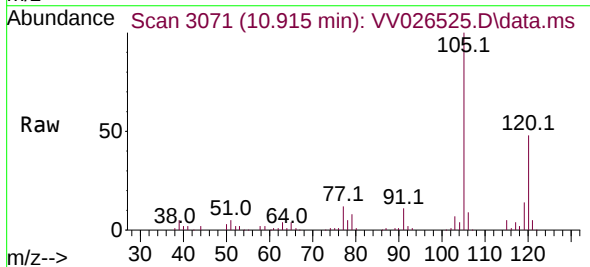
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

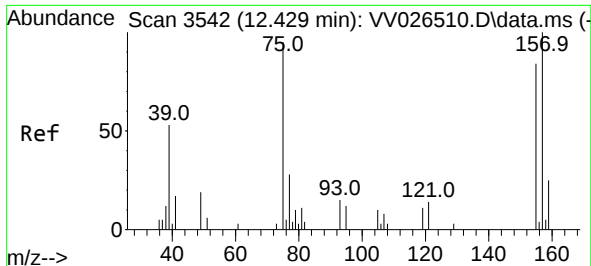
Tgt Ion:105 Resp: 57906
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 1.263 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026525.D
 Acq: 23 Jun 2022 19:32

Tgt Ion:105 Resp: 57906
 Ion Ratio Lower Upper
 105 100
 120 48.7 37.4 56.2

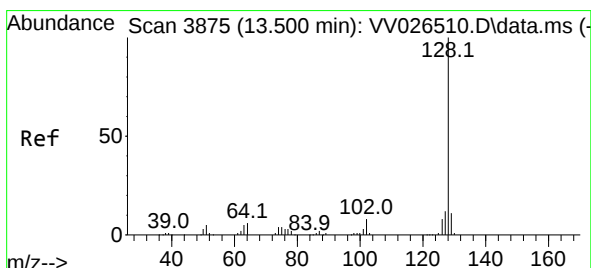
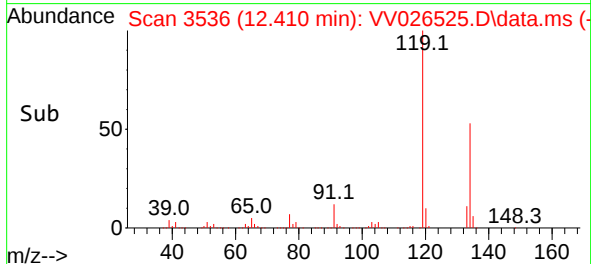
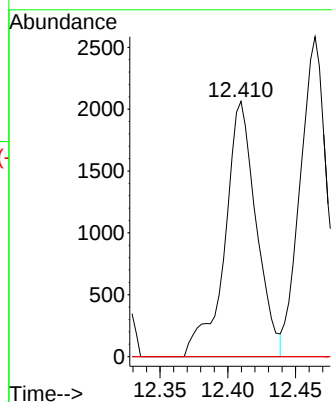
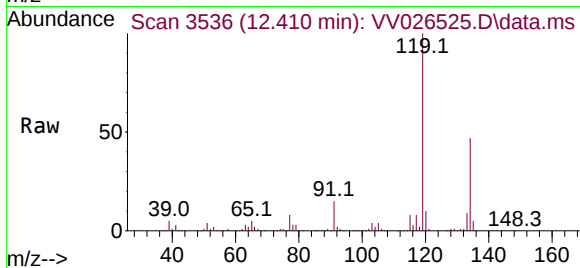




#68
1,2-Dibromo-3-chloropropane
Concen: 3.004 ug/L
RT: 12.410 min Scan# 3536
Delta R.T. -0.019 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Tgt Ion: 75 Resp: 3328
Ion Ratio Lower Upper
75 100
155 0.0 74.7 112.1#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 10.119 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026525.D
Acq: 23 Jun 2022 19:32

Tgt Ion: 128 Resp: 191827
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.1 10.2 15.4

