

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026527.D
 Acq On : 23 Jun 2022 20:19
 Operator : SY/MD
 Sample : N3400-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD9

Quant Time: Jun 24 02:05:19 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	219588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	205200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	84741	4.799	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.577	69	68702	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.118	63	112457	3.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.928	46	107789	61.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.780%
24) Chloroform-d	4.359	84	137057	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.040	65	56072	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.056	84	282030	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	83502	5.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	237201	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.629	79	19759	4.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.092	63	82407	51.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52750	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	86033	5.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	3905	0.214	ug/L	96
5) Vinyl chloride	1.320	62	2370	0.122	ug/L #	1
6) Bromomethane	1.539	94	755	0.072	ug/L	82
8) Chloroethane	1.320	64	2144	0.162	ug/L	97
13) Acetone	2.220	43	25829	23.190	ug/L	92
14) Carbon disulfide	2.304	76	4790	0.122	ug/L	99
15) Methyl Acetate	2.346	43	1211	0.377	ug/L #	47
19) 1,1-Dichloroethane	3.208	63	1641	0.060	ug/L	92
33) Benzene	5.108	78	17687	0.295	ug/L	100
35) Methylcyclohexane	6.076	83	20441	0.877	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	8589	0.595	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1624	0.112	ug/L	84
42) Toluene	7.394	91	50766	0.821	ug/L	98
51) Chlorobenzene	8.889	112	2725	0.067	ug/L #	92
52) Ethylbenzene	9.021	91	4857	0.076	ug/L	91
53) m,p-Xylene	9.143	106	5814	0.233	ug/L	100
54) o-Xylene	9.548	106	3360	0.143	ug/L	91
60) Isopropylbenzene	10.448	105	5285	0.095	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	10590	1.817	ug/L #	66

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:51:15 2022
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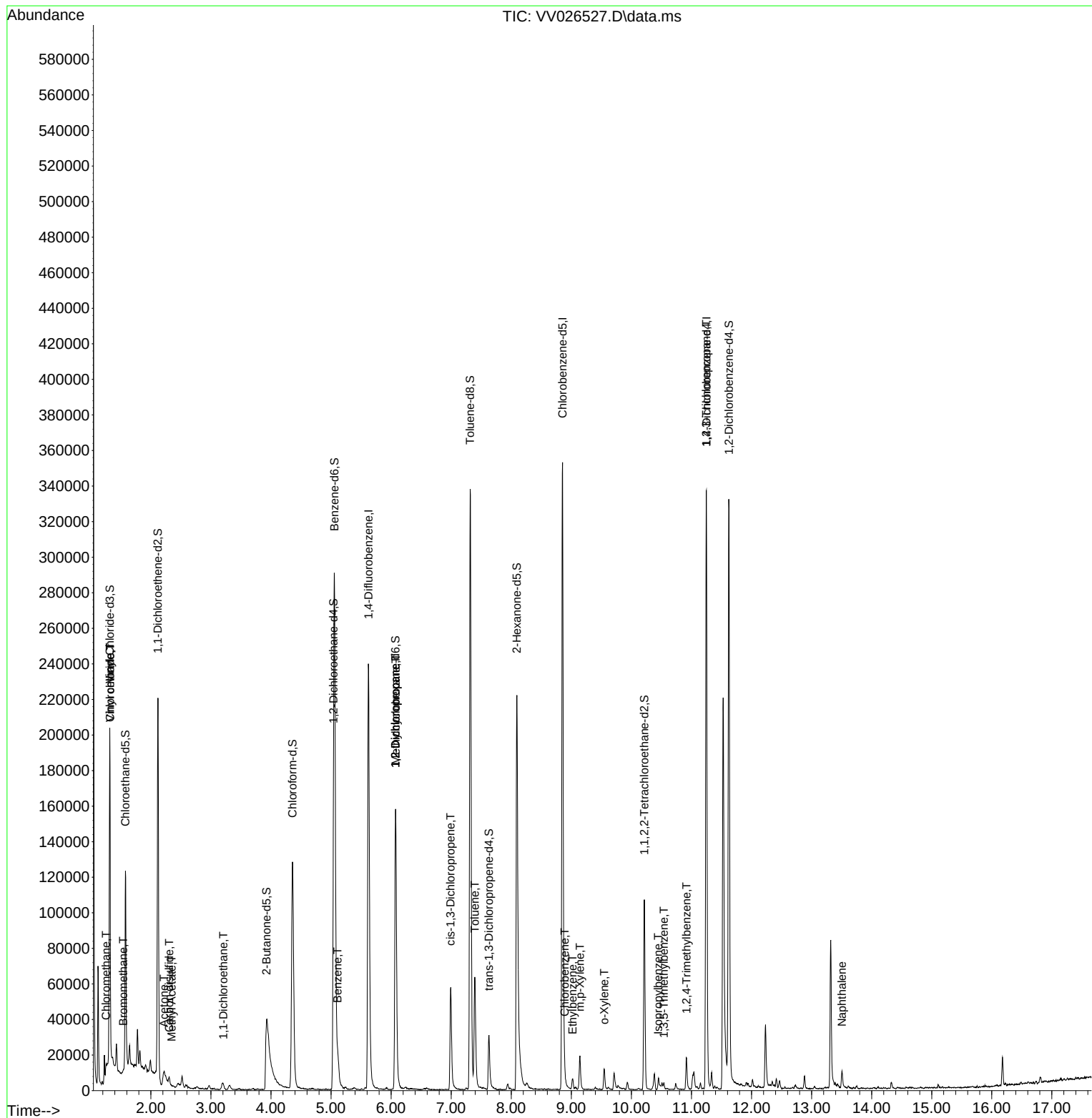
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	10.542	105	2381	0.054	ug/L	90
63) 1,2,4-Trimethylbenzene	10.918	105	9451	0.218	ug/L	99
71) Naphthalene	13.506	128	7409	0.414	ug/L	98

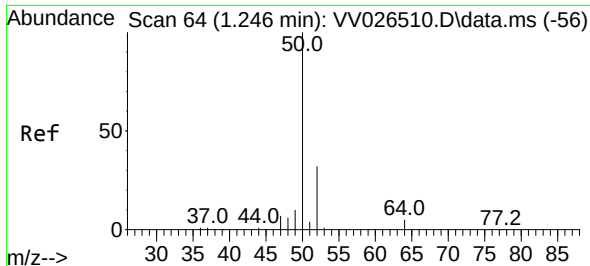
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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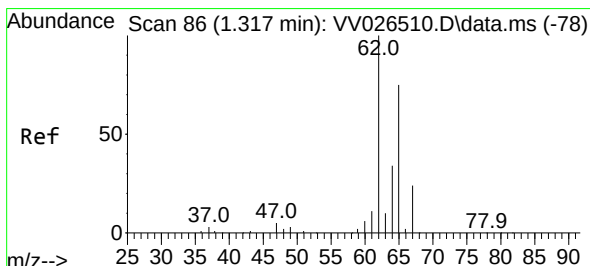
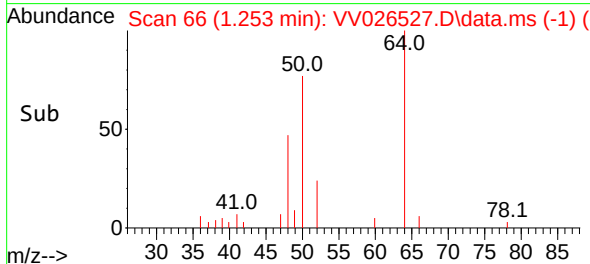
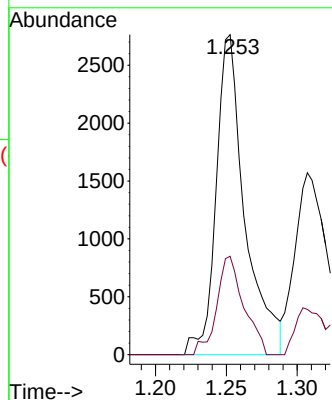
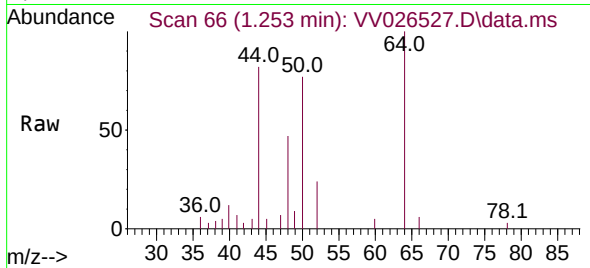




#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

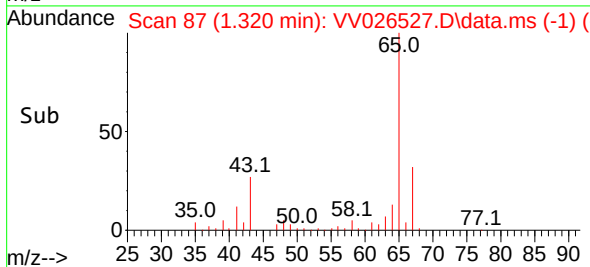
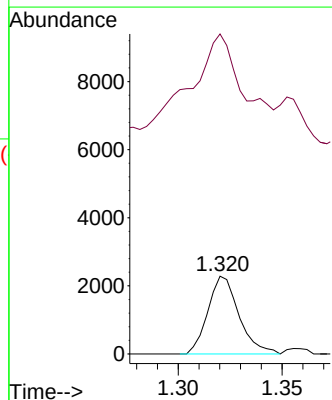
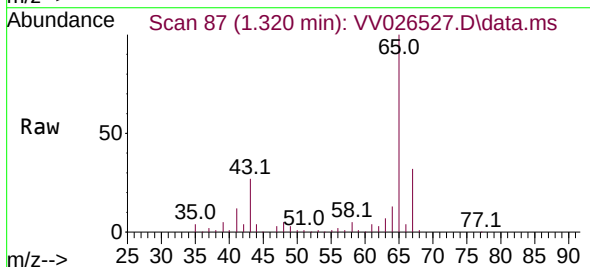
Instrument :
MSVOA_V
ClientSampleId :
C0AD9

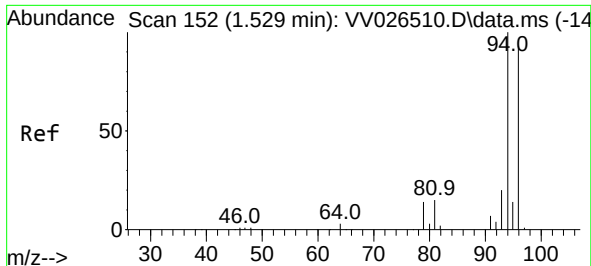
Tgt Ion: 50 Resp: 3905
Ion Ratio Lower Upper
50 100
52 30.8 23.0 42.6



#5
Vinyl chloride
Concen: 0.122 ug/L
RT: 1.320 min Scan# 87
Delta R.T. 0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 62 Resp: 2370
Ion Ratio Lower Upper
62 100
64 411.1 26.2 48.6#

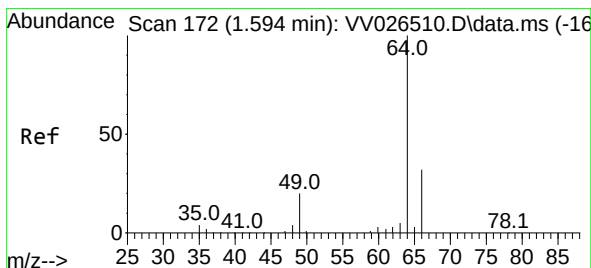
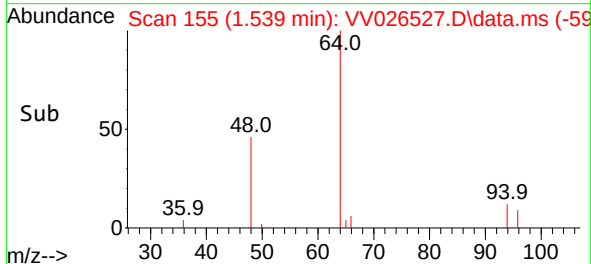
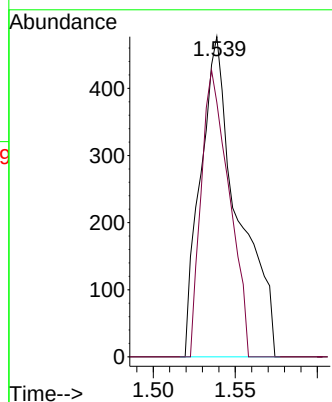
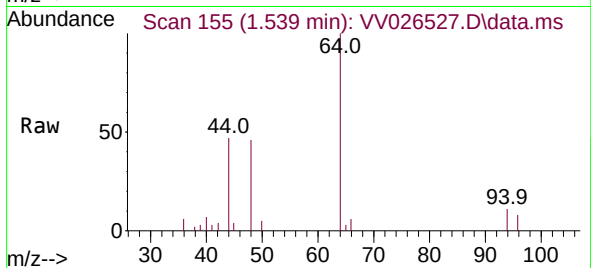




#6
Bromomethane
Concen: 0.072 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

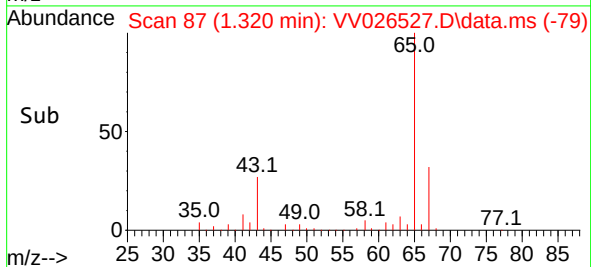
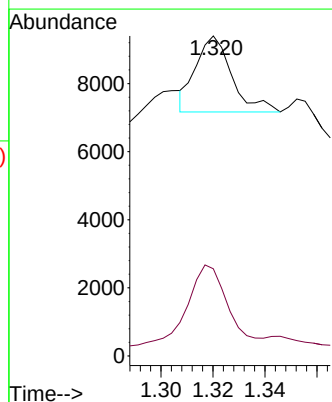
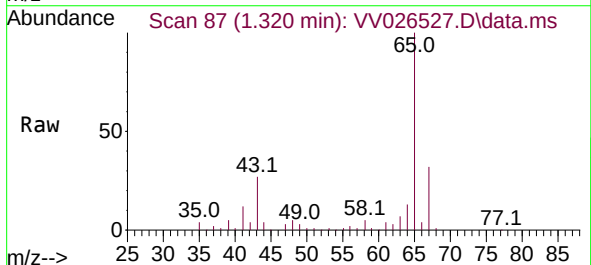
Instrument :
MSVOA_V
ClientSampleId :
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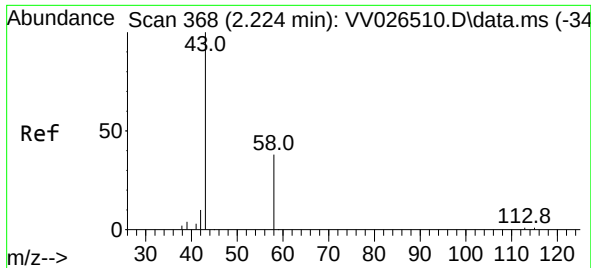
Tgt Ion: 94 Resp: 755
Ion Ratio Lower Upper
94 100
96 79.5 68.0 126.2



#8
Chloroethane
Concen: 0.162 ug/L
RT: 1.320 min Scan# 87
Delta R.T. -0.273 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 64 Resp: 2144
Ion Ratio Lower Upper
64 100
66 27.3 20.0 37.2





#13

Acetone

Concen: 23.190 ug/L

RT: 2.220 min Scan# 30

Delta R.T. -0.003 min

Lab File: VV026527.D

Acq: 23 Jun 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

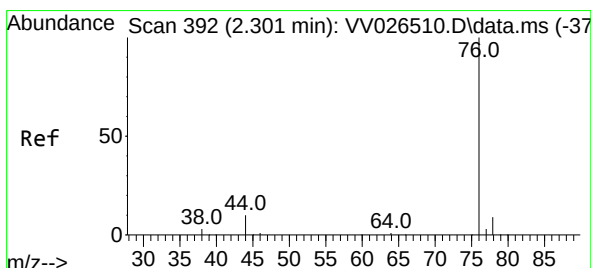
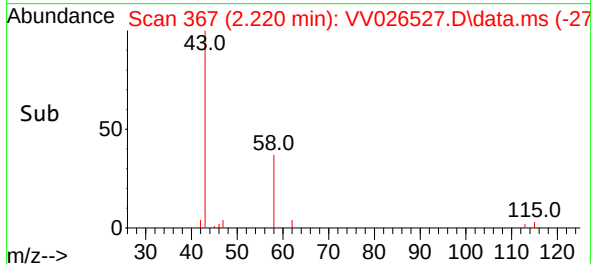
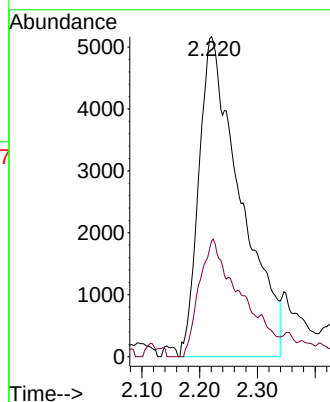
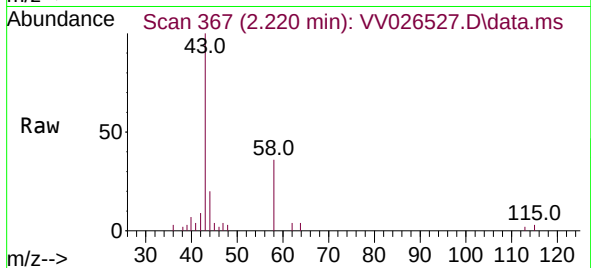
C0AD9

Tgt Ion: 43 Resp: 25829

Ion Ratio Lower Upper

43 100

58 33.0 0.0 75.0



#14

Carbon disulfide

Concen: 0.122 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.003 min

Lab File: VV026527.D

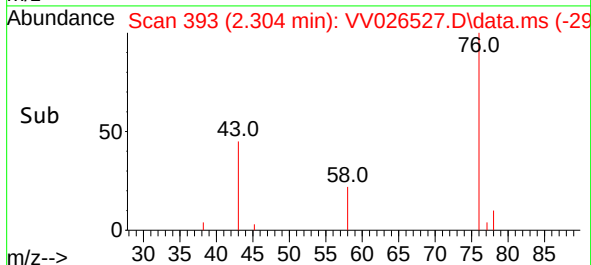
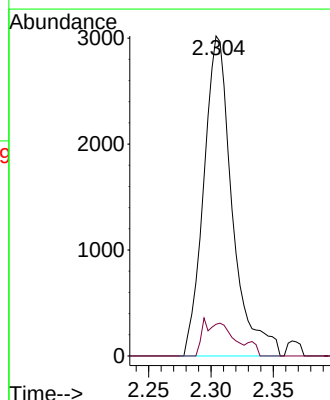
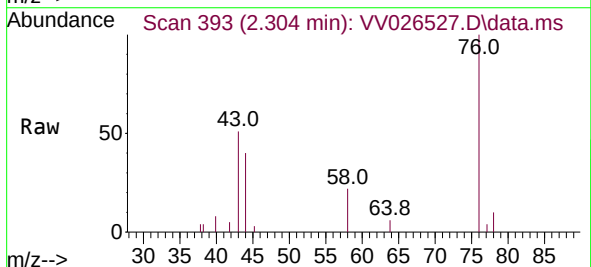
Acq: 23 Jun 2022 20:19

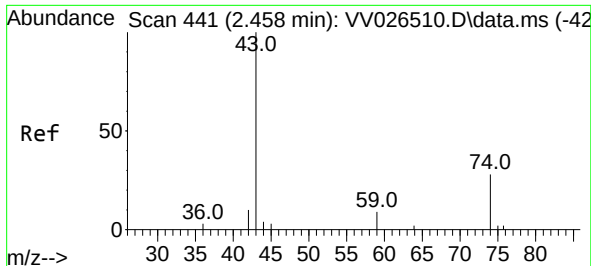
Tgt Ion: 76 Resp: 4790

Ion Ratio Lower Upper

76 100

78 9.9 7.8 11.6

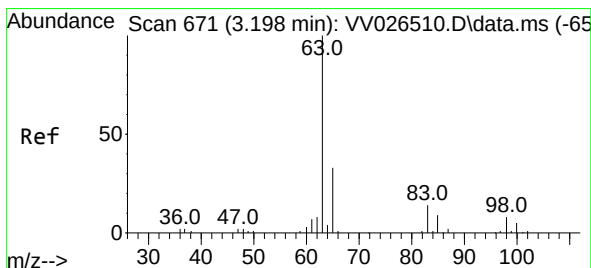
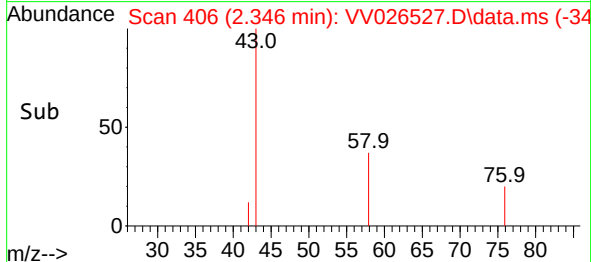
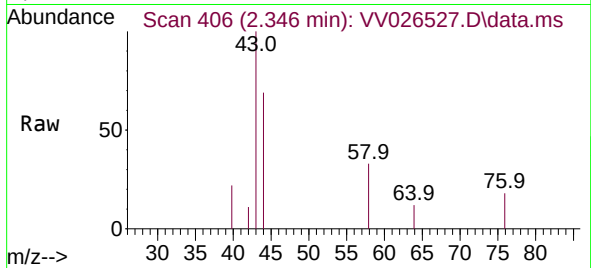




#15
Methyl Acetate
Concen: 0.377 ug/L
RT: 2.346 min Scan# 406
Delta R.T. -0.113 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

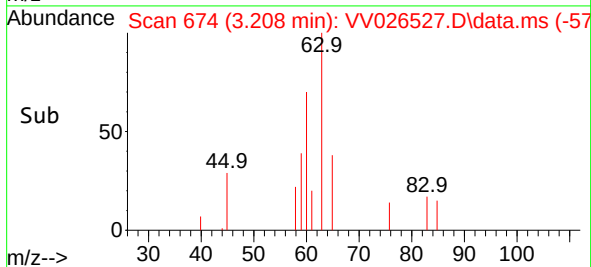
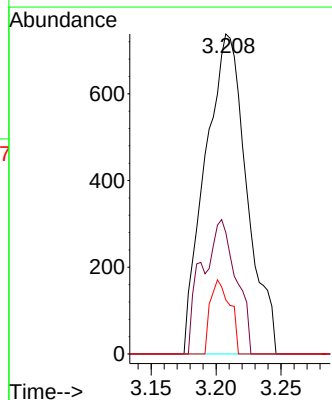
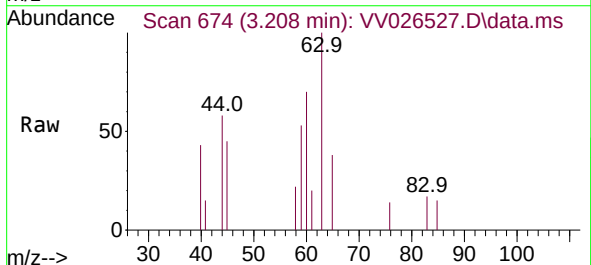
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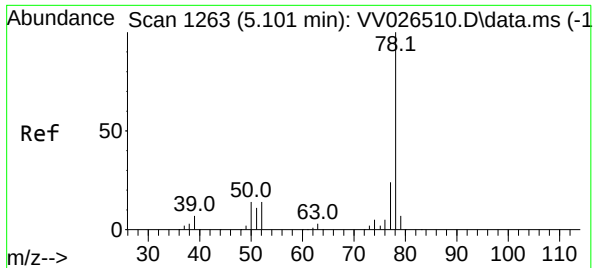
Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#



#19
1,1-Dichloroethane
Concen: 0.060 ug/L
RT: 3.208 min Scan# 674
Delta R.T. 0.010 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 63 Resp: 1641
Ion Ratio Lower Upper
63 100
65 37.9 23.0 42.6
83 16.9 10.2 19.0

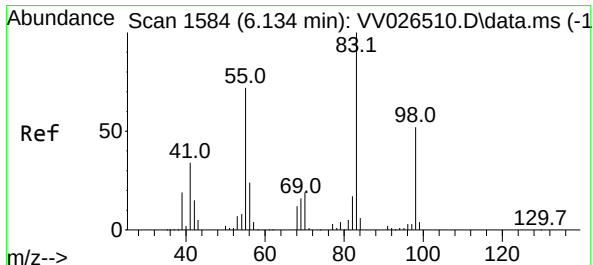
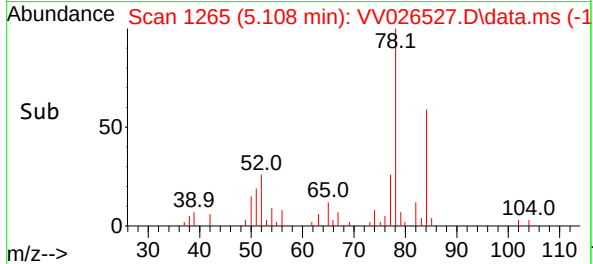
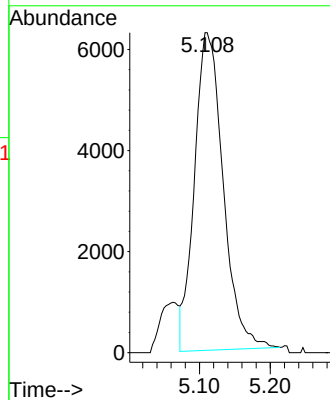
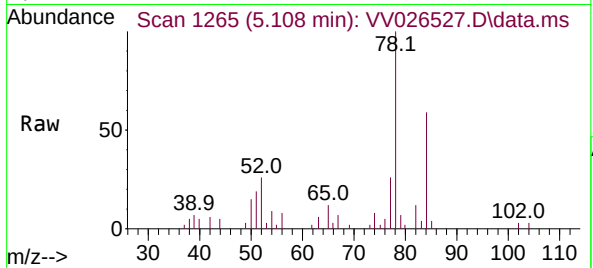




#33
Benzene
Concen: 0.295 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

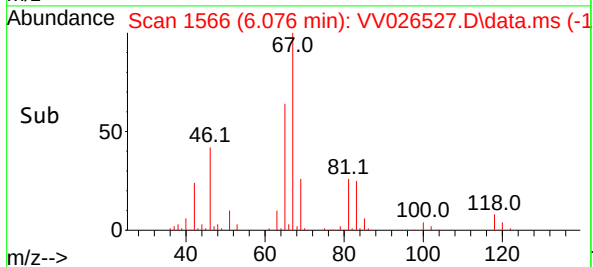
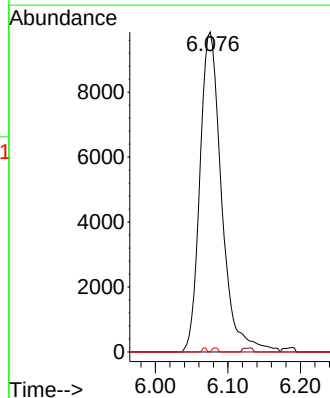
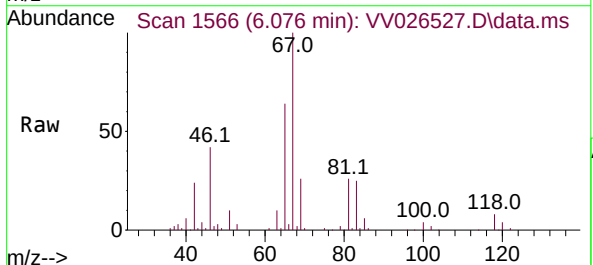
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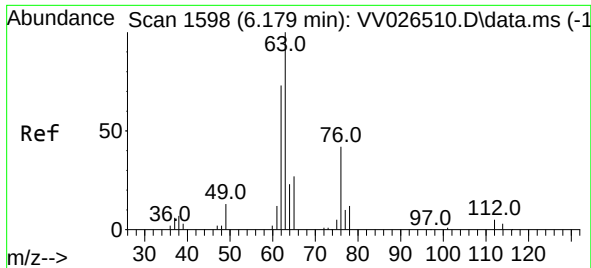
Tgt Ion: 78 Resp: 17687



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 83 Resp: 20441
Ion Ratio Lower Upper
83 100
55 0.5 57.0 85.4#
98 0.3 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026527.D

Acq: 23 Jun 2022 20:19

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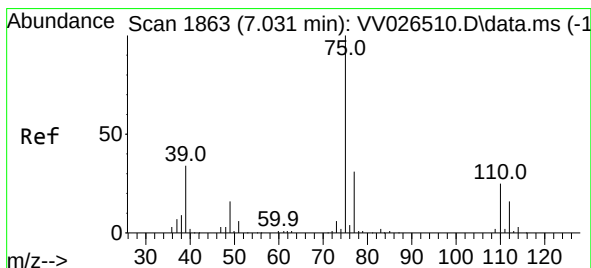
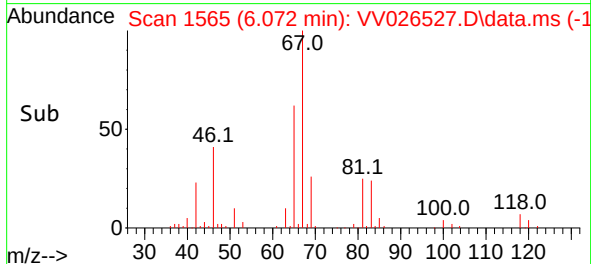
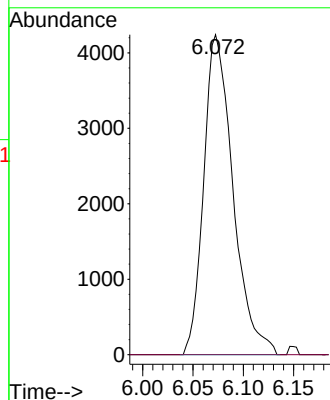
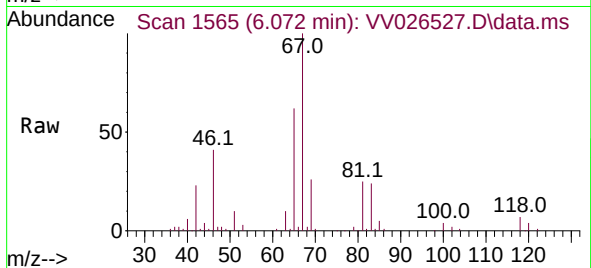
C0AD9

Tgt Ion: 63 Resp: 8589

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026527.D

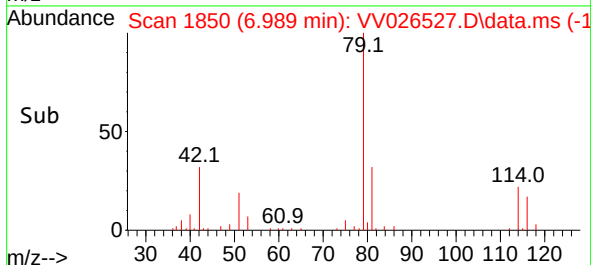
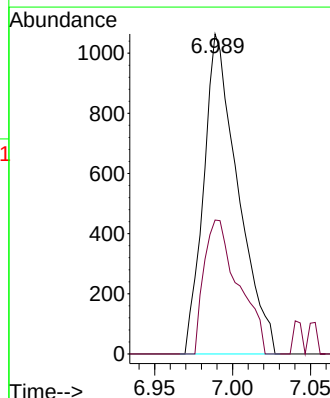
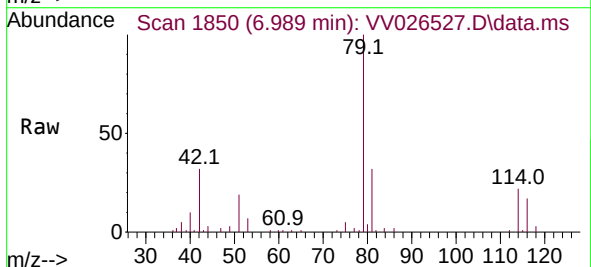
Acq: 23 Jun 2022 20:19

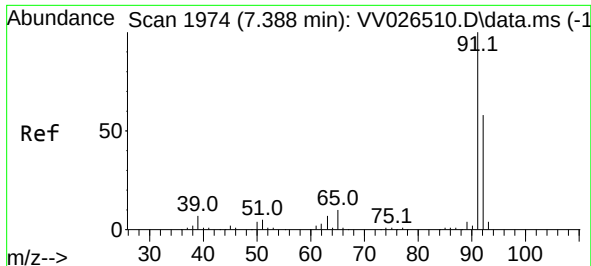
Tgt Ion: 75 Resp: 1624

Ion Ratio Lower Upper

75 100

77 41.8 22.8 42.4





#42

Toluene

Concen: 0.821 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV026527.D

Acq: 23 Jun 2022 20:19

Instrument :

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ClientSampleId :

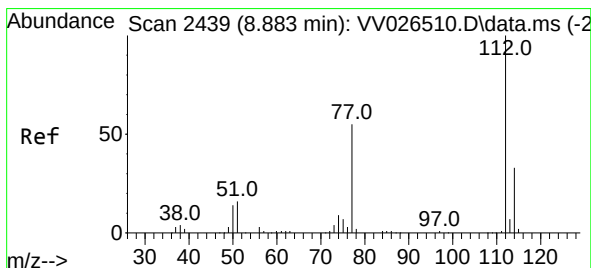
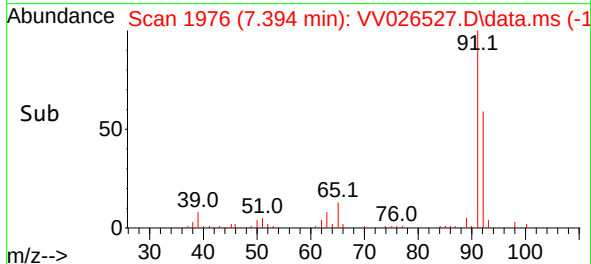
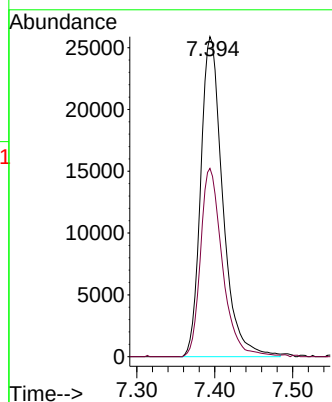
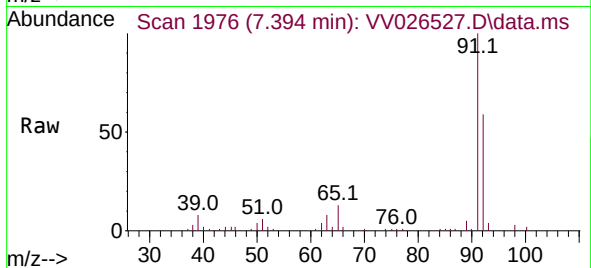
C0AD9

Tgt Ion: 91 Resp: 50766

Ion Ratio Lower Upper

91 100

92 58.8 40.3 74.9



#51

Chlorobenzene

Concen: 0.067 ug/L

RT: 8.889 min Scan# 2441

Delta R.T. 0.006 min

Lab File: VV026527.D

Acq: 23 Jun 2022 20:19

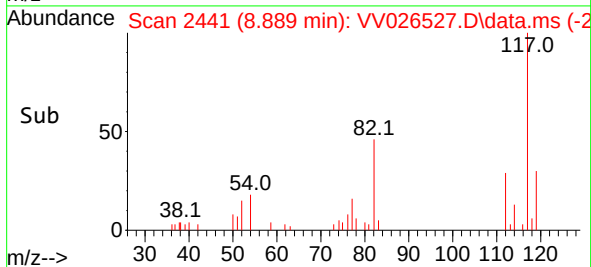
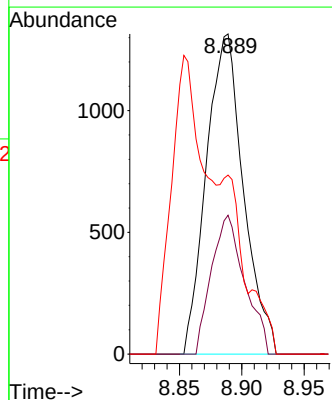
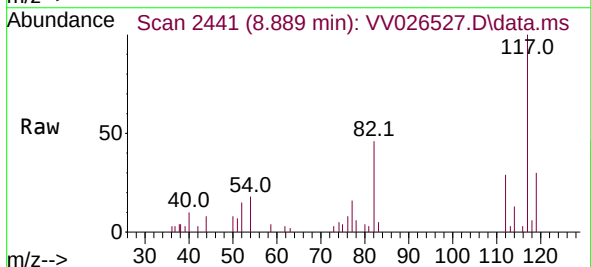
Tgt Ion: 112 Resp: 2725

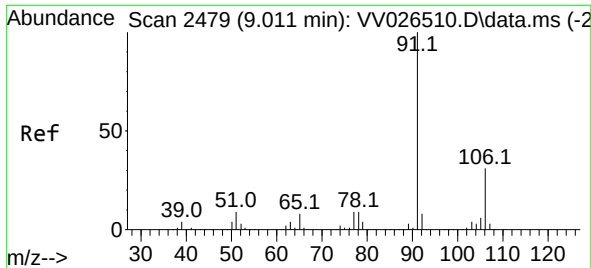
Ion Ratio Lower Upper

112 100

114 43.3 22.3 41.5

77 55.9 44.4 66.6

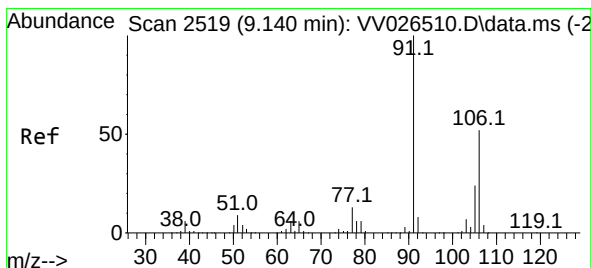
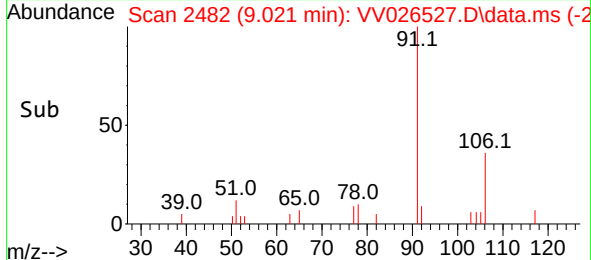
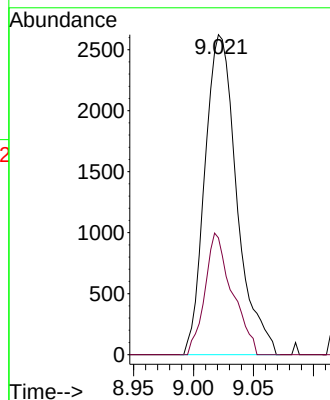
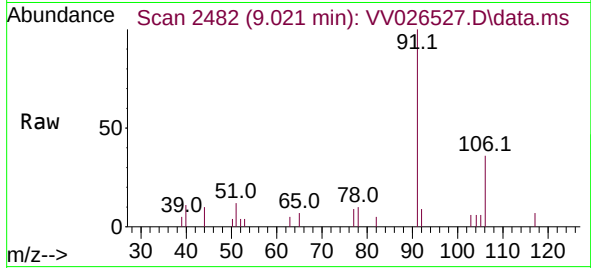




#52
Ethylbenzene
Concen: 0.076 ug/L
RT: 9.021 min Scan# 2479
Delta R.T. 0.010 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

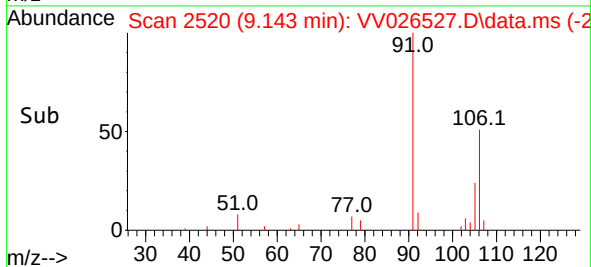
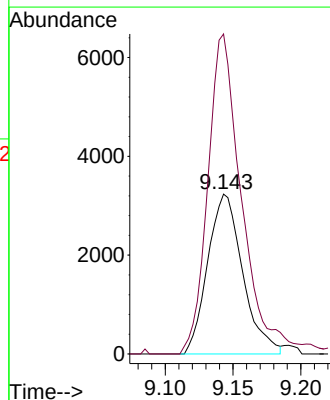
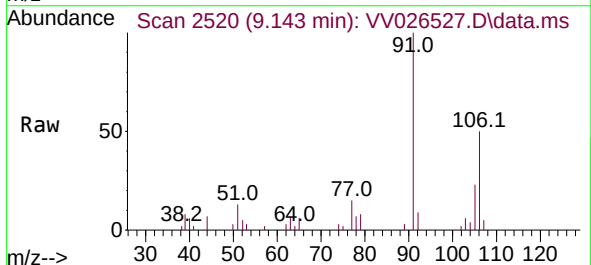
Instrument :
MSVOA_V
ClientSampleId :
C0AD9

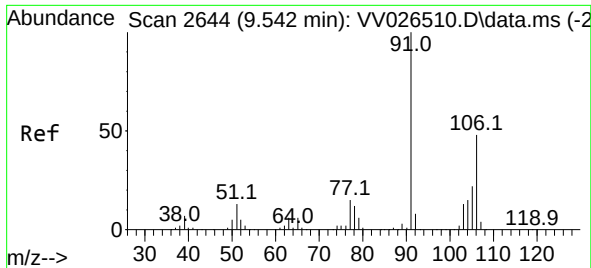
Tgt Ion: 91 Resp: 4857
Ion Ratio Lower Upper
91 100
106 36.5 22.1 41.1



#53
m,p-Xylene
Concen: 0.233 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 106 Resp: 5814
Ion Ratio Lower Upper
106 100
91 200.2 139.9 259.9

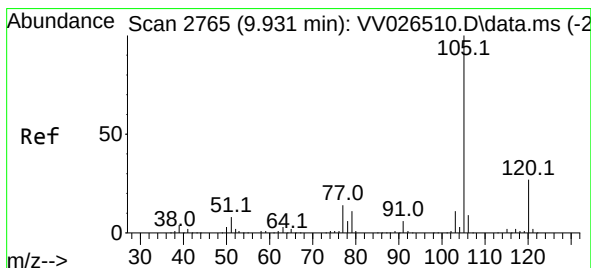
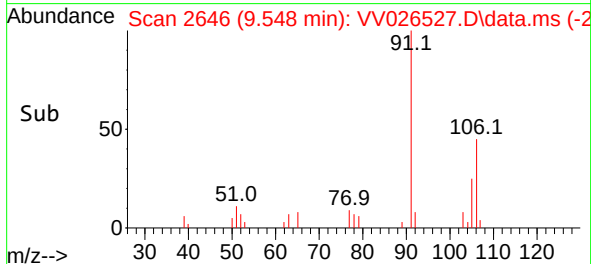
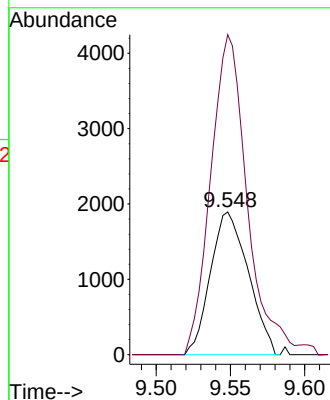
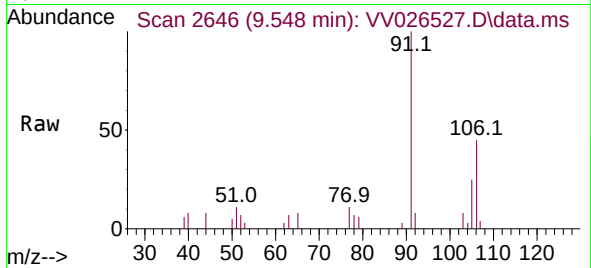




#54
o-Xylene
Concen: 0.143 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

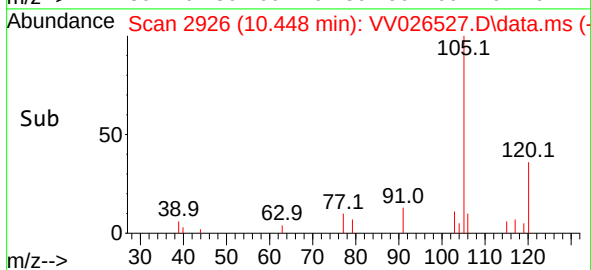
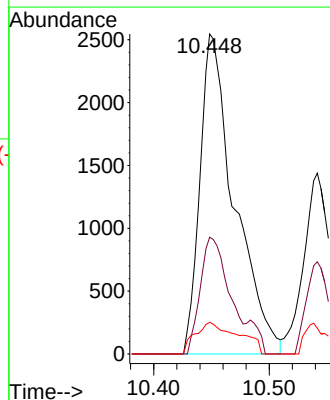
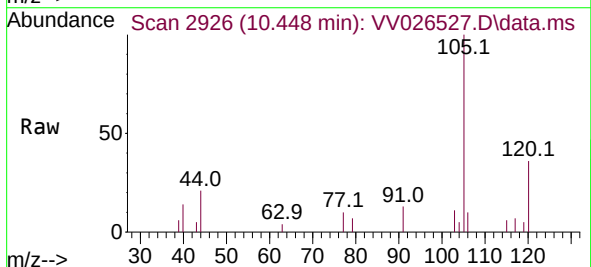
Instrument :
MSVOA_V
ClientSampleId :
C0AD9

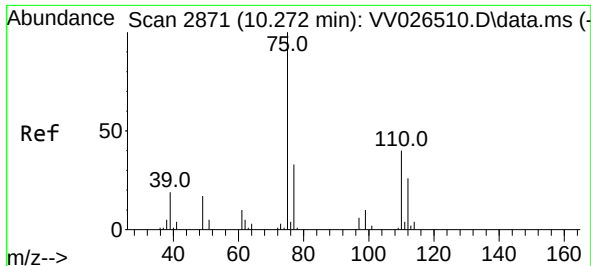
Tgt Ion:106 Resp: 3360
Ion Ratio Lower Upper
106 100
91 224.2 147.5 273.9



#60
Isopropylbenzene
Concen: 0.095 ug/L
RT: 10.448 min Scan# 2926
Delta R.T. 0.518 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion:105 Resp: 5285
Ion Ratio Lower Upper
105 100
120 30.8 21.4 32.2
77 12.4 11.6 17.4

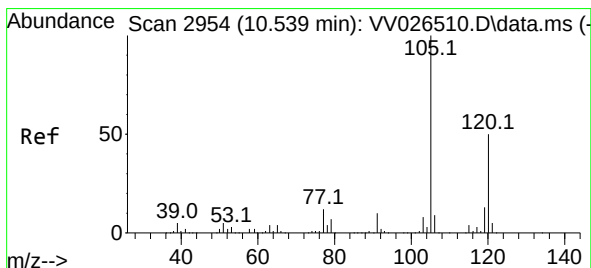
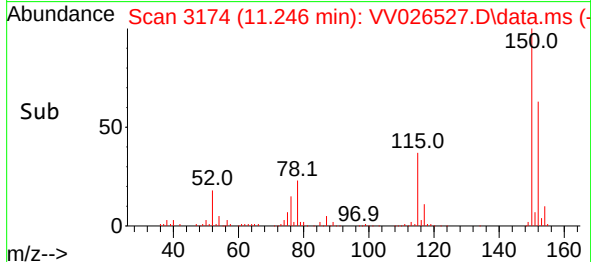
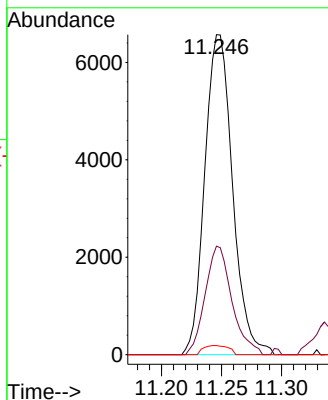
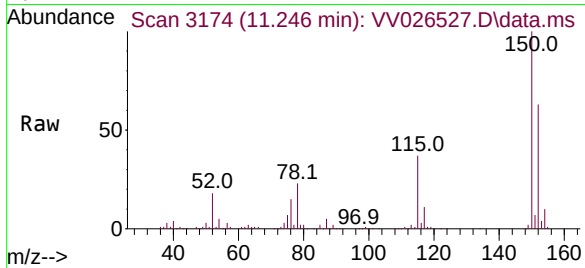




#61
1,2,3-Trichloropropane
Concen: 1.817 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

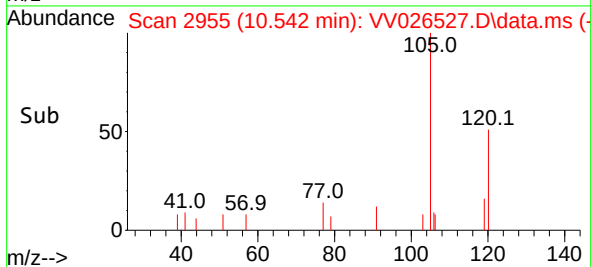
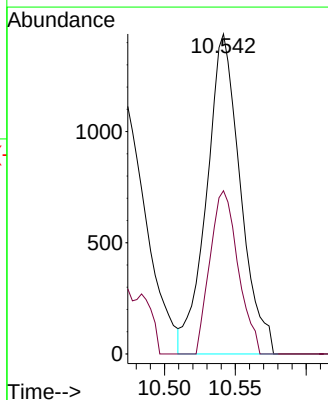
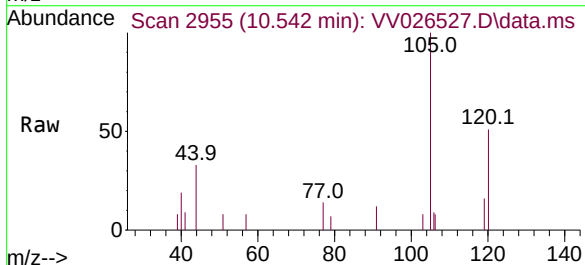
Instrument :
MSVOA_V
ClientSampleId :
C0AD9

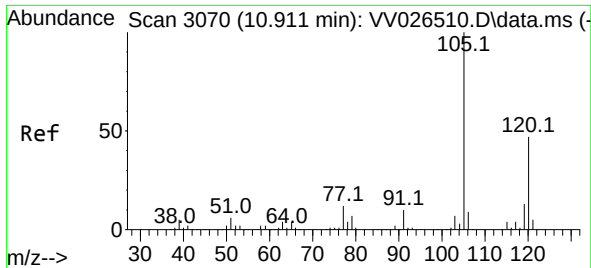
Tgt Ion: 75 Resp: 10590
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 2.6 32.5 48.7#



#62
1,3,5-Trimethylbenzene
Concen: 0.054 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion: 105 Resp: 2381
Ion Ratio Lower Upper
105 100
120 42.5 39.6 59.4

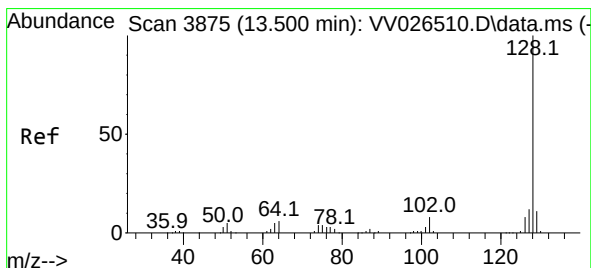
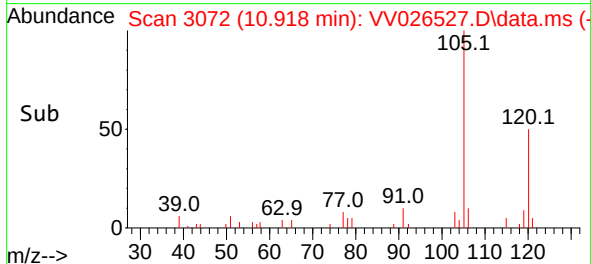
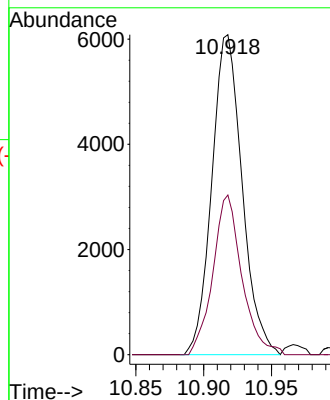
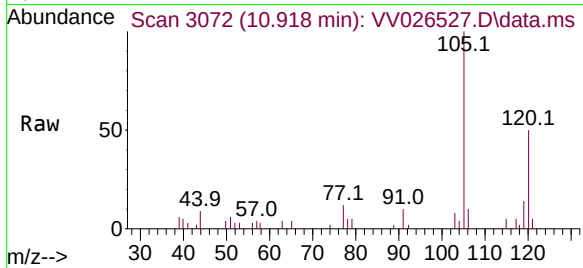




#63
1,2,4-Trimethylbenzene
Concen: 0.218 ug/L
RT: 10.918 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Instrument :
MSVOA_V
ClientSampleId :
C0AD9

Tgt Ion:105 Resp: 9451
Ion Ratio Lower Upper
105 100
120 47.8 37.4 56.2



#71
Naphthalene
Concen: 0.414 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion:128 Resp: 7409
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 11.6 10.2 15.4

