

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026546.D
 Acq On : 24 Jun 2022 11:29
 Operator : SY/MD
 Sample : N3401-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE6

Quant Time: Jun 25 02:33:14 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

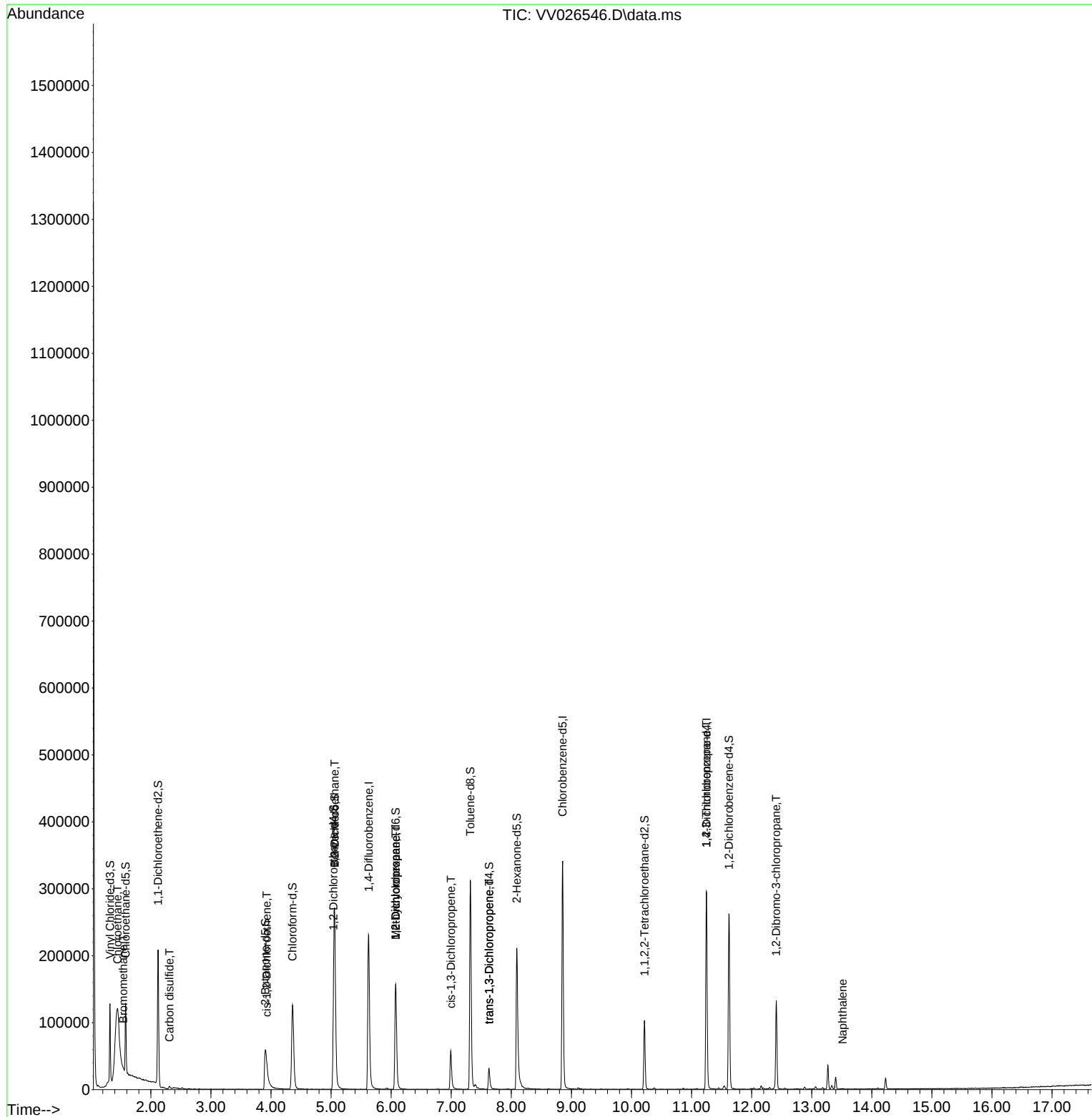
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	211498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	200395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	78042	4.588	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.800%	
7) Chloroethane-d5	1.581	69	67385	4.931	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.121	63	106359	3.519	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.400%	
20) 2-Butanone-d5	3.905	46	101901	60.260	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.520%	
24) Chloroform-d	4.359	84	136188	4.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.040	65	56488	5.275	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.060	84	268727	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.076	67	81143	5.126	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.317	98	221163	4.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	7.629	79	19967	4.880	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.600%	
46) 2-Hexanone-d5	8.092	63	72313	46.402	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50717	4.898	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	71727	5.298	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						
6) Bromomethane	1.539	94	413	0.041	ug/L	97
8) Chloroethane	1.446	64	440785	34.560	ug/L #	55
14) Carbon disulfide	2.310	76	4982	0.132	ug/L	100
22) cis-1,2-Dichloroethene	3.928	96	975	0.067	ug/L	89
27) 1,2-Dichloroethane	5.060	62	1272	0.102	ug/L #	72
35) Methylcyclohexane	6.076	83	19799	0.870	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	8129	0.576	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1414	0.100	ug/L #	45
44) trans-1,3-Dichloropropene	7.629	75	836	0.079	ug/L #	64
61) 1,2,3-Trichloropropane	11.246	75	8443	1.594	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.410	75	621	0.654	ug/L #	1
71) Naphthalene	13.516	128	867	0.053	ug/L #	69

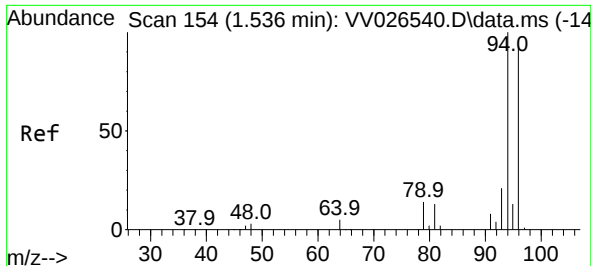
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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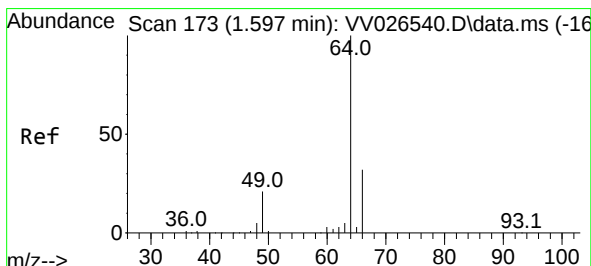
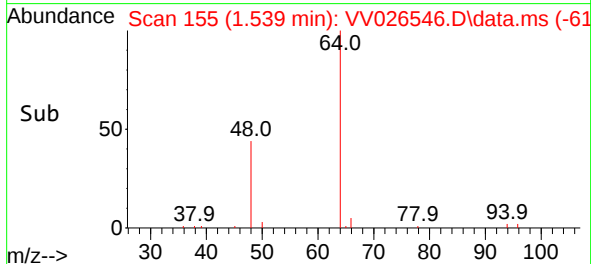
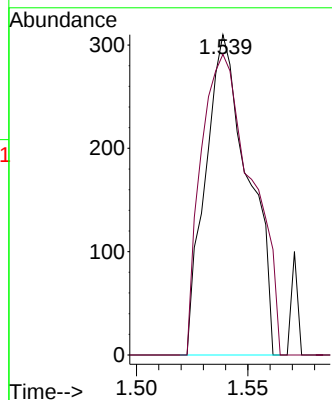
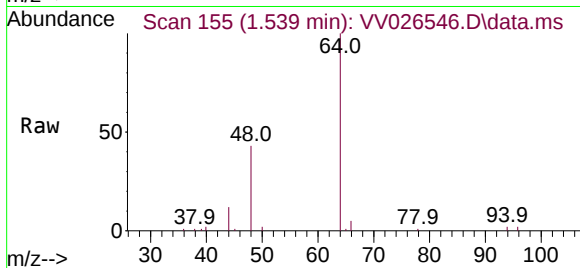




#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026546.D
Acq: 24 Jun 2022 11:29

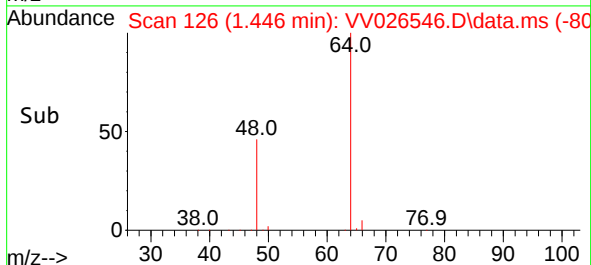
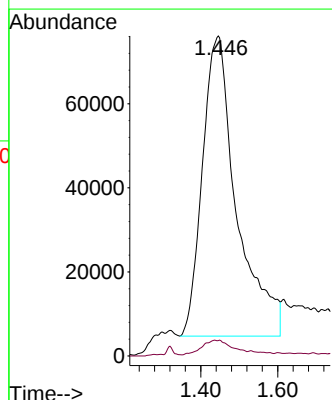
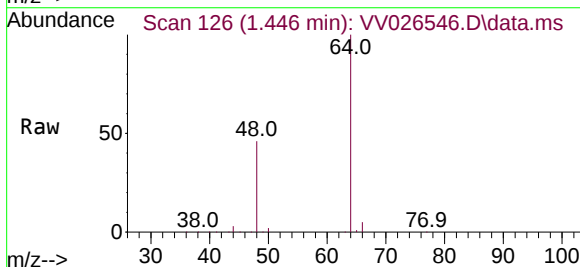
Instrument :
MSVOA_V
ClientSampleId :
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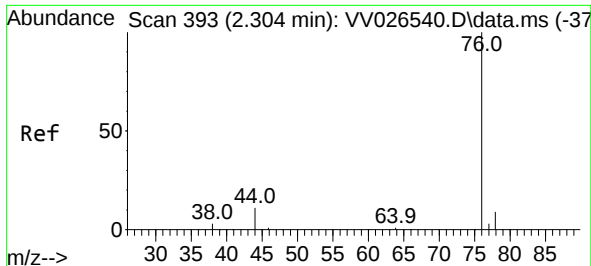
Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 93.9 68.0 126.2



#8
Chloroethane
Concen: 34.560 ug/L
RT: 1.446 min Scan# 126
Delta R.T. -0.151 min
Lab File: VV026546.D
Acq: 24 Jun 2022 11:29

Tgt Ion: 64 Resp: 440785
Ion Ratio Lower Upper
64 100
66 4.8 20.0 37.2#

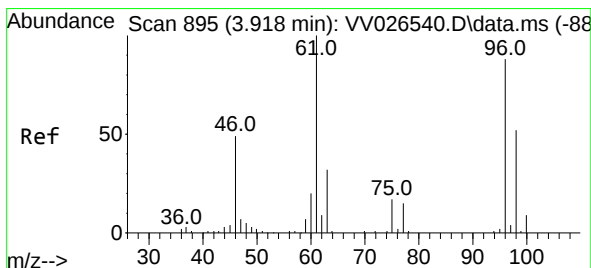
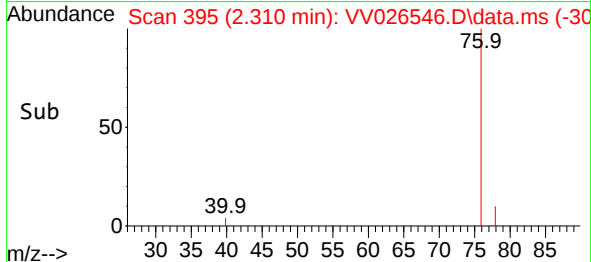
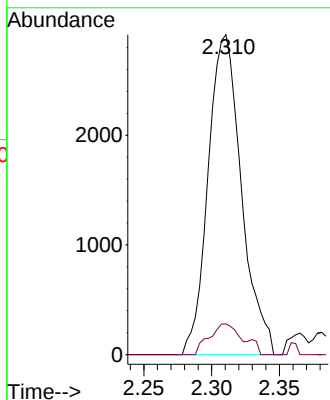
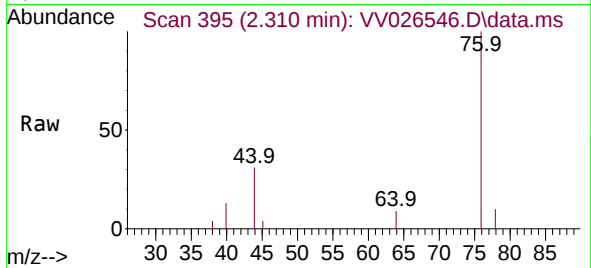




#14
Carbon disulfide
Concen: 0.132 ug/L
RT: 2.310 min Scan# 395
Delta R.T. 0.006 min
Lab File: VV026546.D
Acq: 24 Jun 2022 11:29

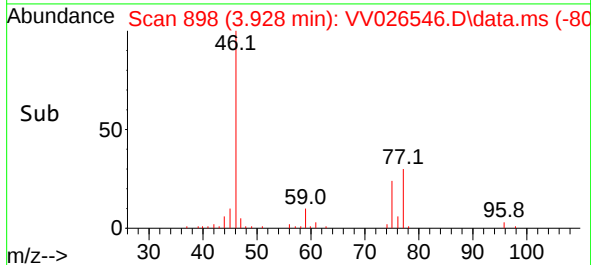
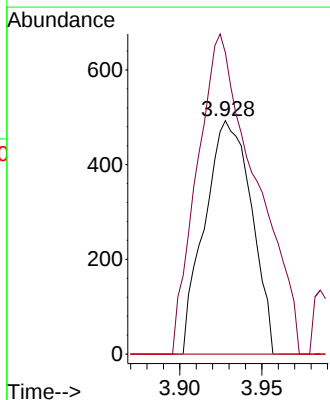
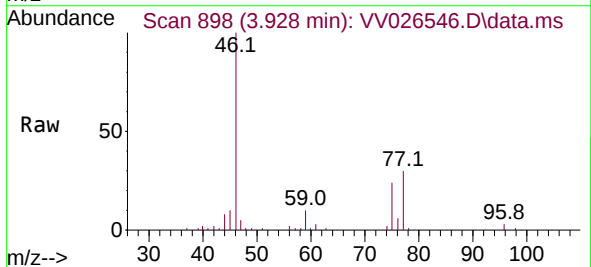
Instrument :
MSVOA_V
ClientSampleId :
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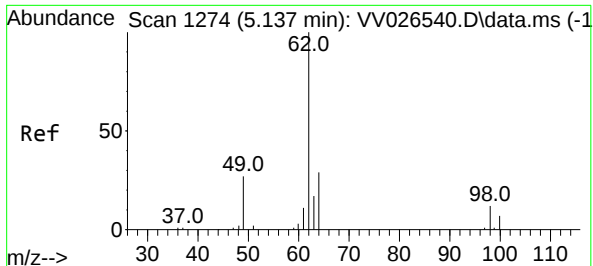
Tgt Ion: 76 Resp: 4982
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6



#22
cis-1,2-Dichloroethene
Concen: 0.067 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.010 min
Lab File: VV026546.D
Acq: 24 Jun 2022 11:29

Tgt Ion: 96 Resp: 975
Ion Ratio Lower Upper
96 100
61 129.0 82.0 152.2
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.060 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV026546.D

Acq: 24 Jun 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

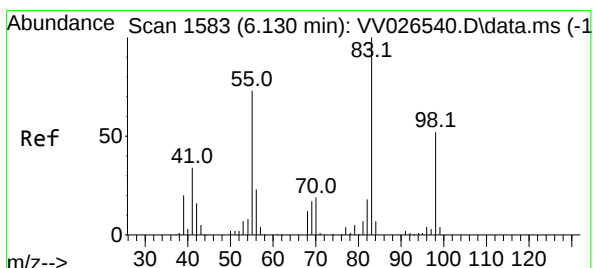
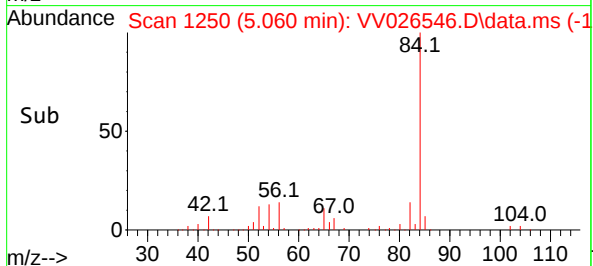
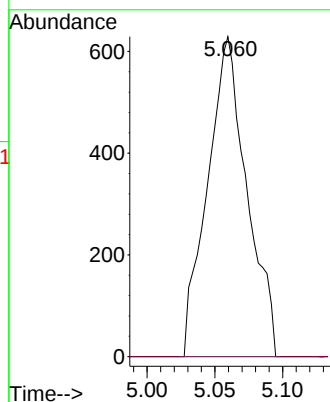
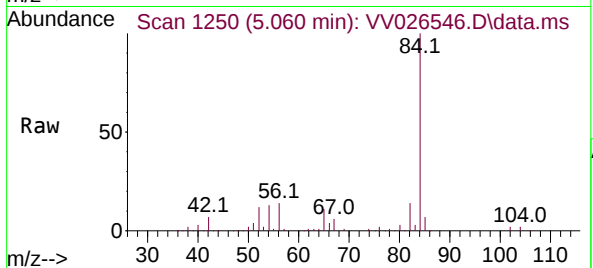
C0AE6

Tgt Ion: 62 Resp: 1272

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.870 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026546.D

Acq: 24 Jun 2022 11:29

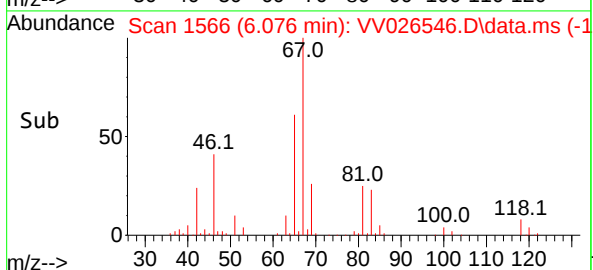
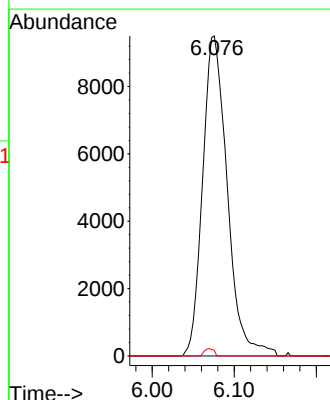
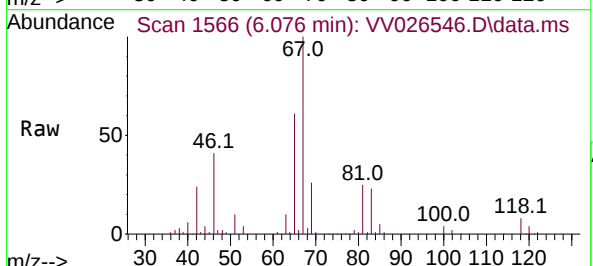
Tgt Ion: 83 Resp: 19799

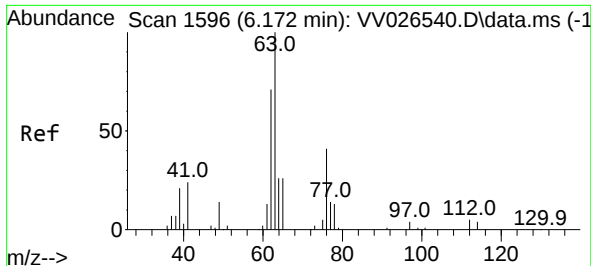
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.9 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV026546.D

Acq: 24 Jun 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

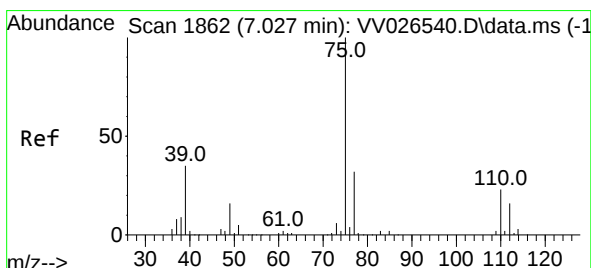
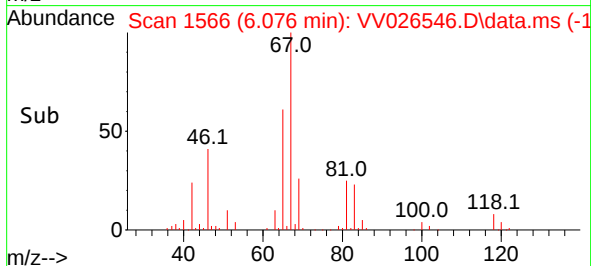
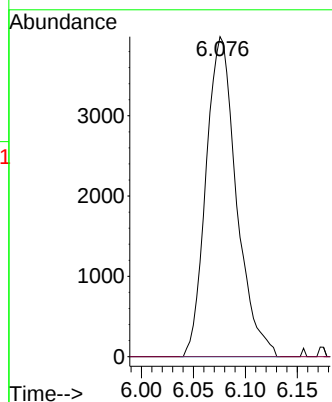
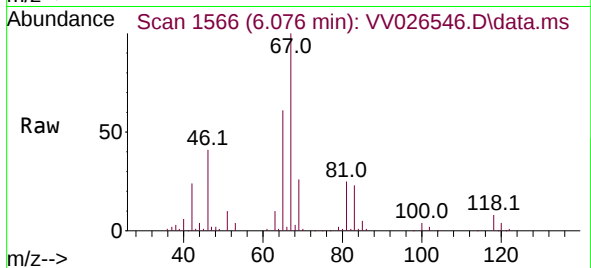
C0AE6

Tgt Ion: 63 Resp: 8129

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV026546.D

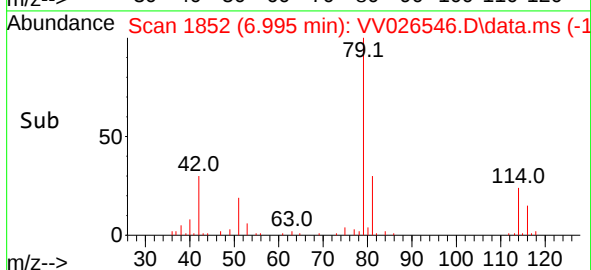
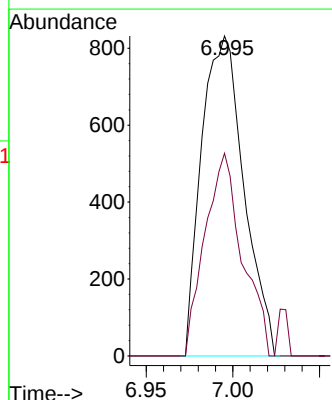
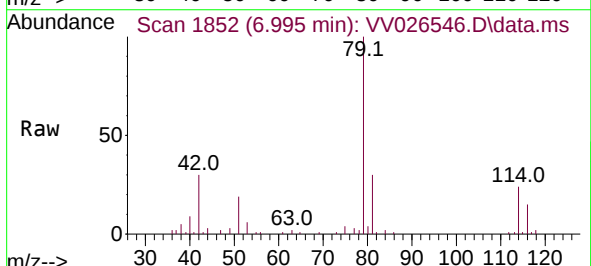
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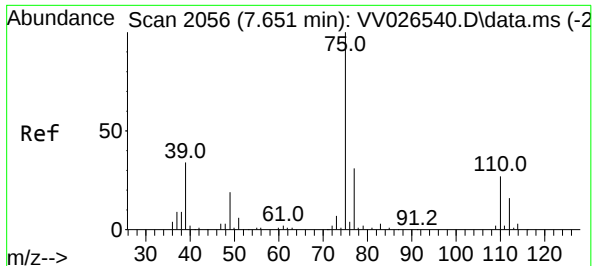
Tgt Ion: 75 Resp: 1414

Ion Ratio Lower Upper

75 100

77 63.3 22.8 42.4#

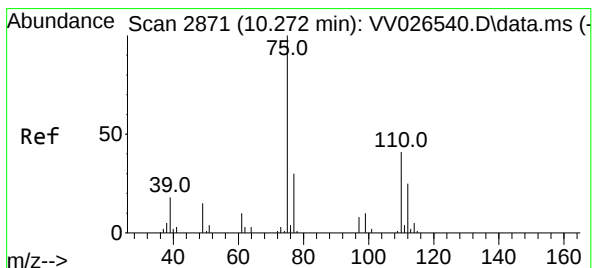
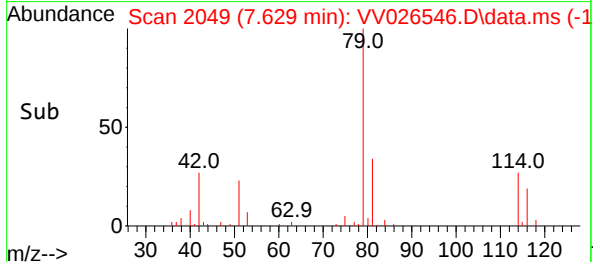
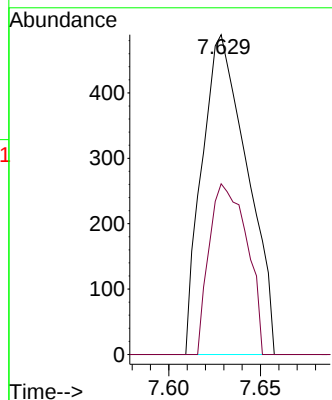
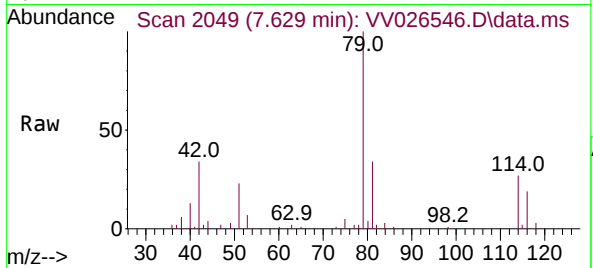




#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.629 min Scan# 2056
 Delta R.T. -0.023 min
 Lab File: VV026546.D
 Acq: 24 Jun 2022 11:29

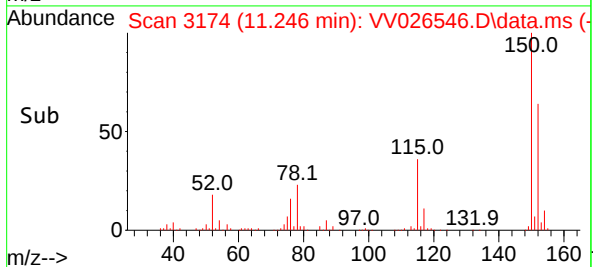
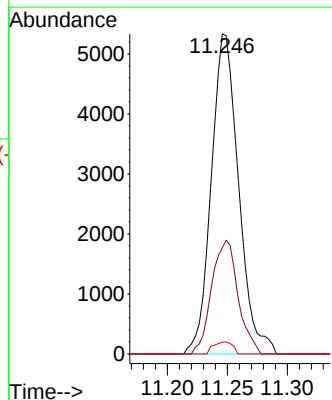
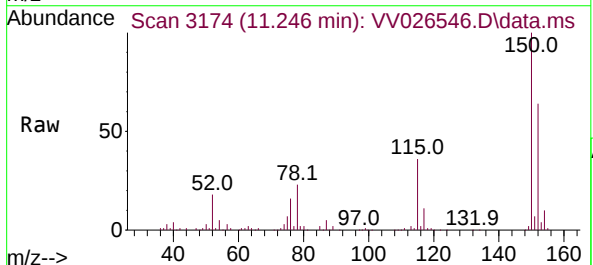
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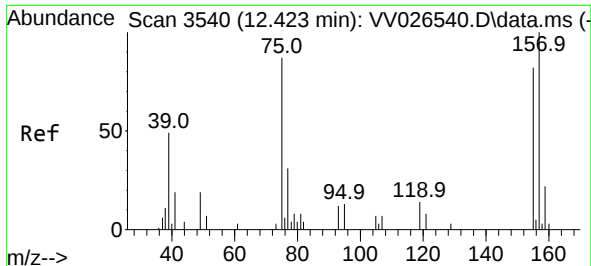
Tgt Ion: 75 Resp: 836
 Ion Ratio Lower Upper
 75 100
 77 53.4 23.1 42.9#



#61
 1,2,3-Trichloropropane
 Concen: 1.594 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026546.D
 Acq: 24 Jun 2022 11:29

Tgt Ion: 75 Resp: 8443
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.8 38.6
 110 2.6 32.5 48.7#

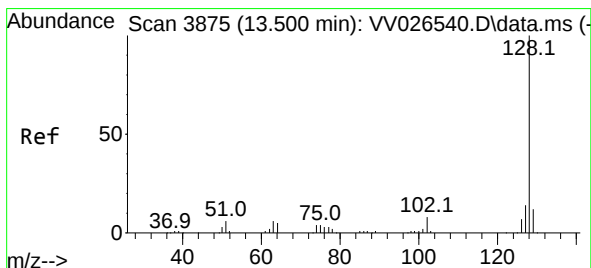
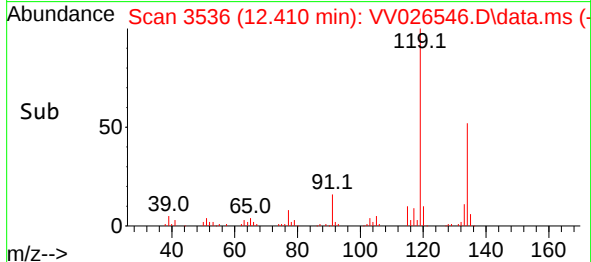
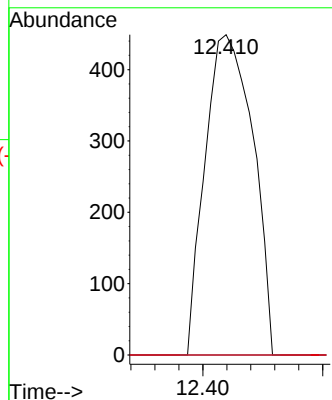
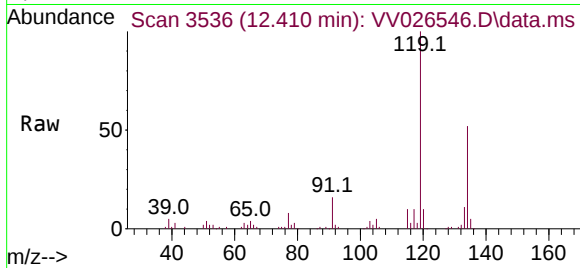




#68
1,2-Dibromo-3-chloropropane
Concen: 0.654 ug/L
RT: 12.410 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV026546.D
Acq: 24 Jun 2022 11:29

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Tgt Ion: 75 Resp: 621
Ion Ratio Lower Upper
75 100
155 0.0 74.7 112.1#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 0.053 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV026546.D
Acq: 24 Jun 2022 11:29

Tgt Ion: 128 Resp: 867
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 10.2 15.4#

