

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026532.D
 Acq On : 23 Jun 2022 22:19
 Operator : SY/MD
 Sample : N3374-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW4T5

Quant Time: Jun 24 02:06:42 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)

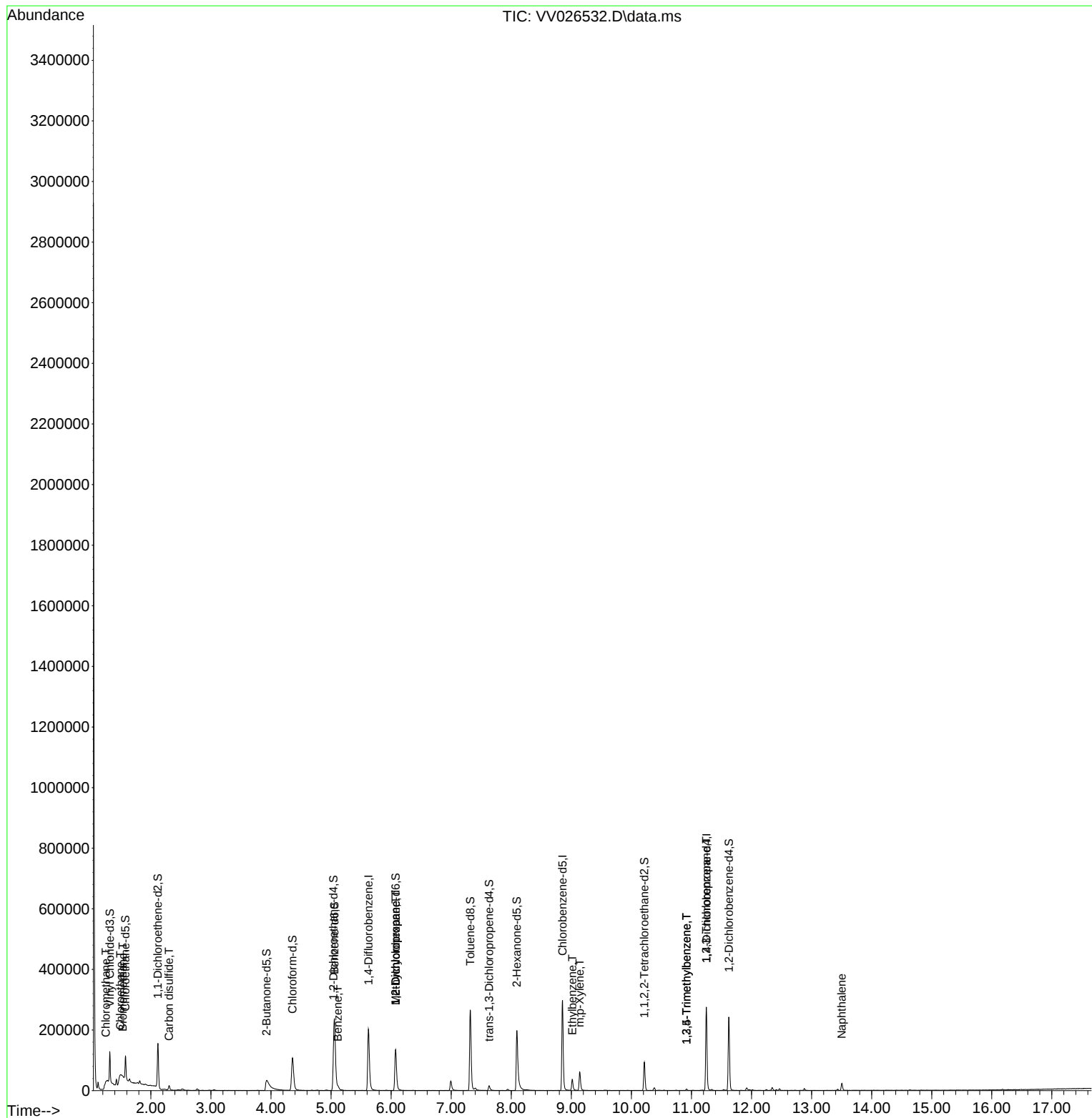
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	187094	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	177141	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	53324	3.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.577	69	49992	4.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.118	63	76380	2.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.928	46	94793	63.368	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.740%
24) Chloroform-d	4.359	84	116819	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.040	65	50088	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.056	84	227531	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.076	67	70924	5.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.320	98	185476	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.632	79	10837	2.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.000%
46) 2-Hexanone-d5	8.092	63	72589	52.694	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47532	5.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	64807	5.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	1351	0.087	ug/L	95
6) Bromomethane	1.532	94	398	0.044	ug/L	97
8) Chloroethane	1.494	64	54040	4.790	ug/L #	56
14) Carbon disulfide	2.304	76	17700	0.531	ug/L	99
33) Benzene	5.114	78	12385	0.239	ug/L	100
35) Methylcyclohexane	6.076	83	16729	0.832	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	7454	0.598	ug/L #	84
52) Ethylbenzene	9.018	91	26075	0.472	ug/L	95
53) m,p-Xylene	9.140	106	19665	0.913	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	8141	1.657	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.918	105	3086	0.083	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	3086	0.085	ug/L	99
71) Naphthalene	13.503	128	20340	1.349	ug/L	99

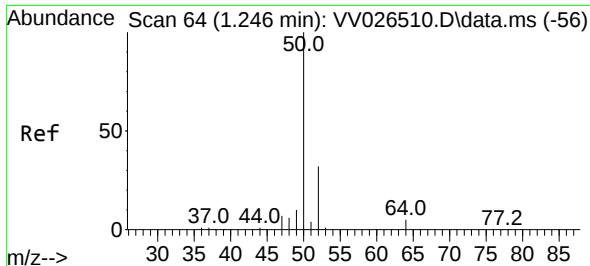
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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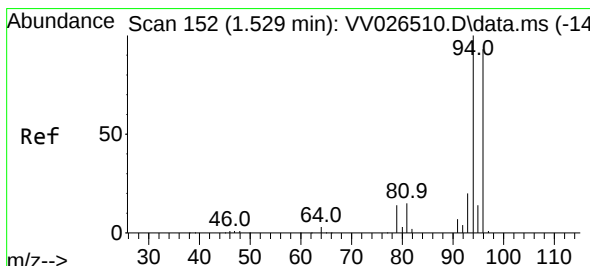
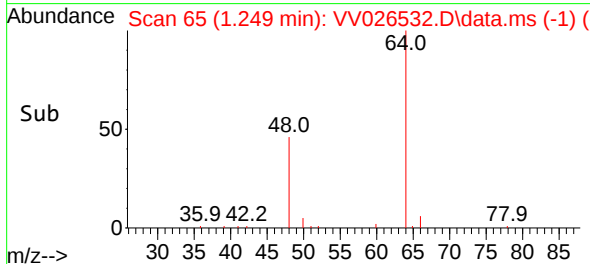
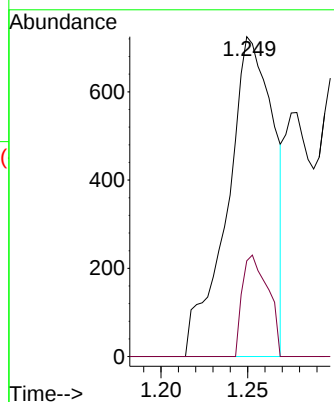
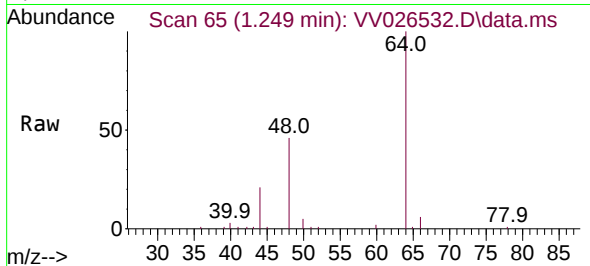




#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

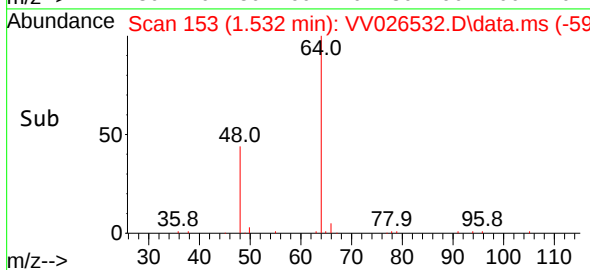
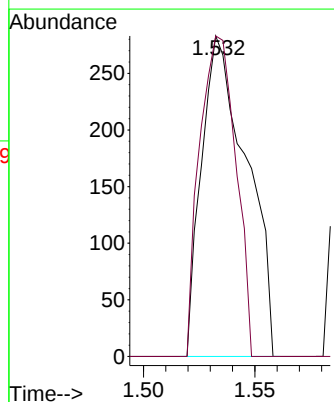
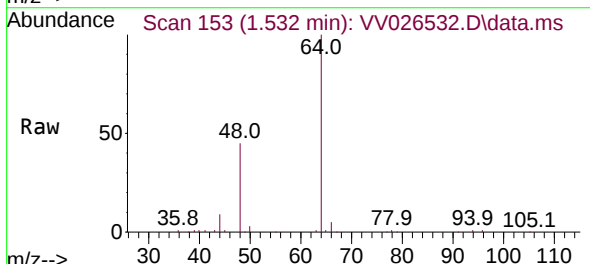
Instrument :
MSVOA_V
ClientSampleId :
EW4T5

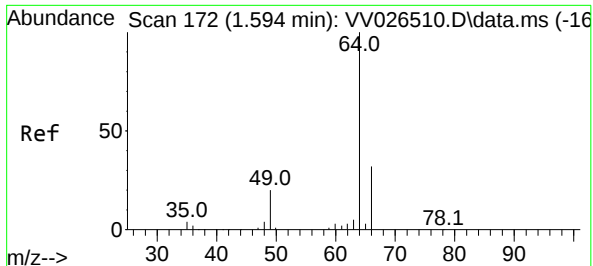
Tgt Ion: 50 Resp: 1351
Ion Ratio Lower Upper
50 100
52 29.9 23.0 42.6



#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.003 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 100.0 68.0 126.2

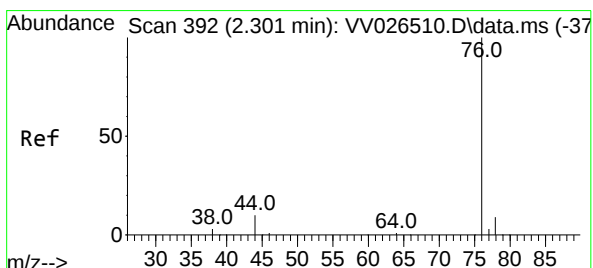
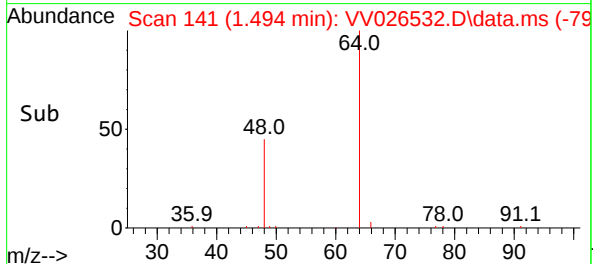
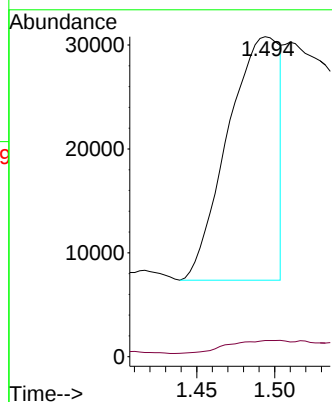
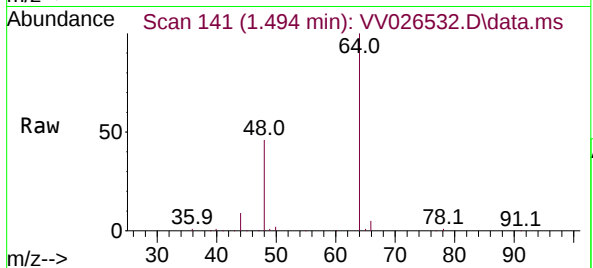




#8
Chloroethane
Concen: 4.790 ug/L
RT: 1.494 min Scan# 14
Delta R.T. -0.100 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

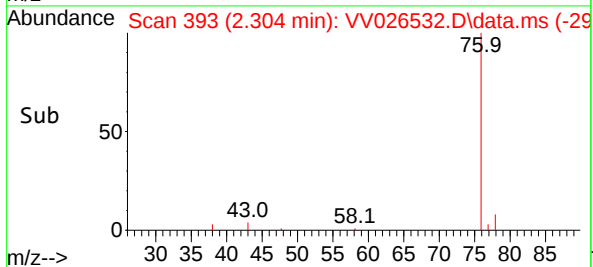
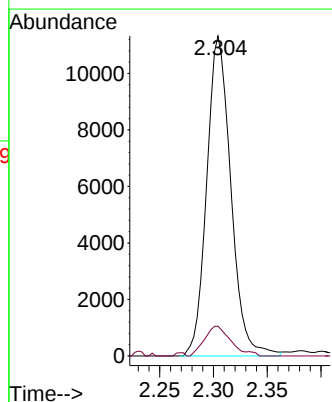
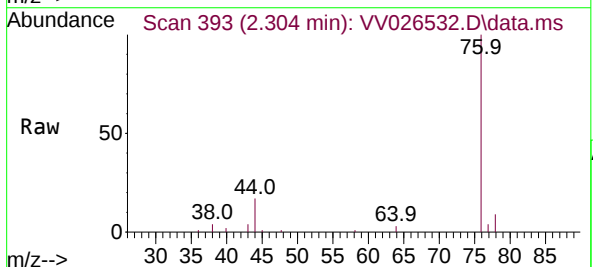
Instrument :
MSVOA_V
ClientSampleId :
EW4T5

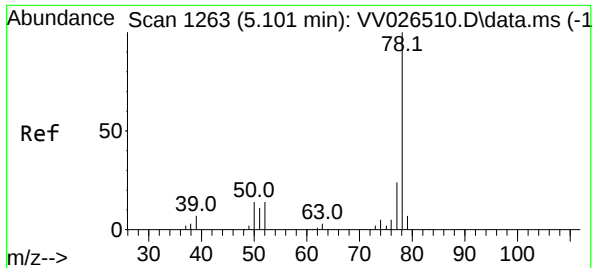
Tgt Ion: 64 Resp: 54040
Ion Ratio Lower Upper
64 100
66 5.1 20.0 37.2#



#14
Carbon disulfide
Concen: 0.531 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

Tgt Ion: 76 Resp: 17700
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6

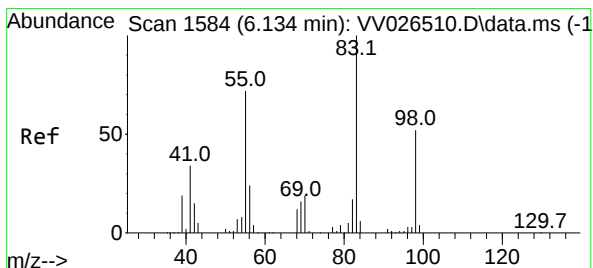
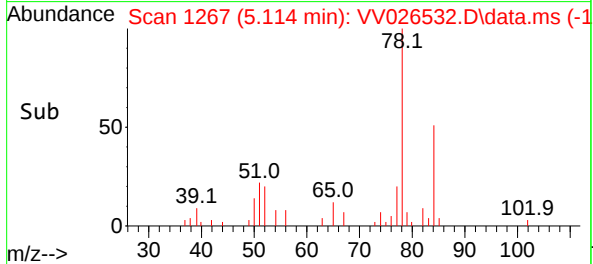
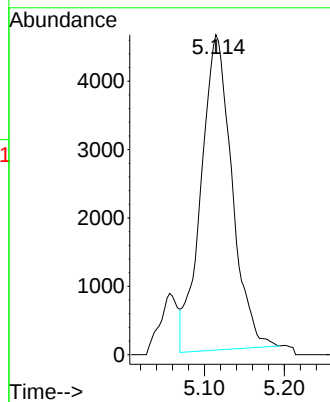
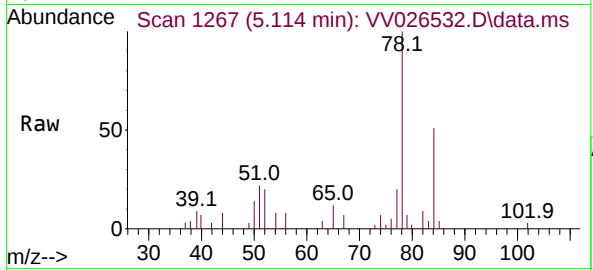




#33
Benzene
Concen: 0.239 ug/L
RT: 5.114 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

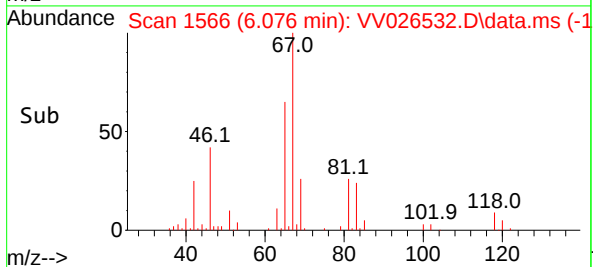
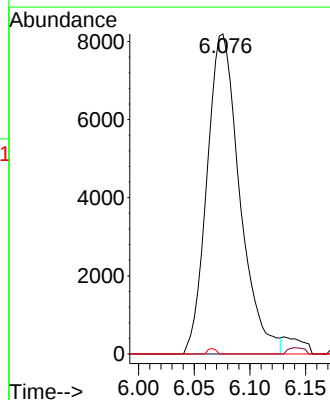
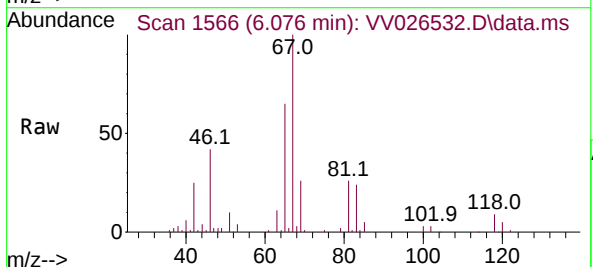
Instrument :
MSVOA_V
ClientSampleId :
EW4T5

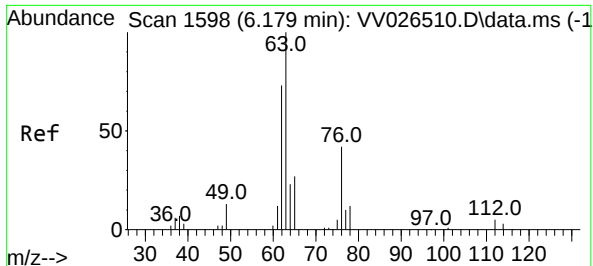
Tgt Ion: 78 Resp: 12385



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

Tgt Ion: 83 Resp: 16729
Ion Ratio Lower Upper
83 100
55 1.0 57.0 85.4#
98 0.4 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026532.D

Acq: 23 Jun 2022 22:19

Instrument :

MSVOA_V

ClientSampleId :

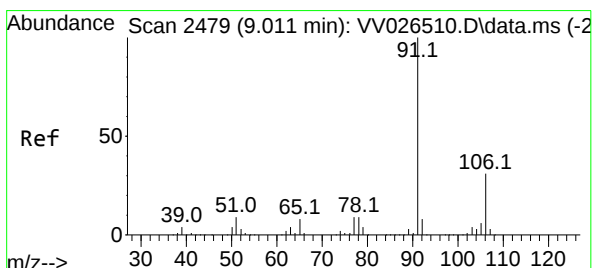
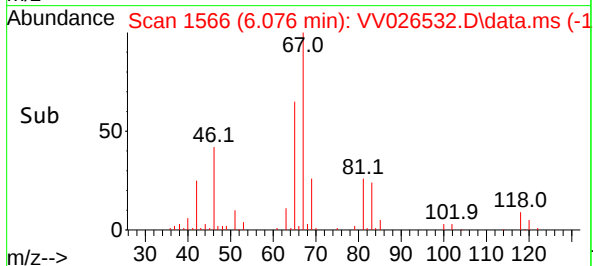
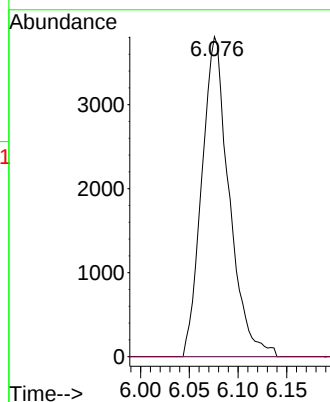
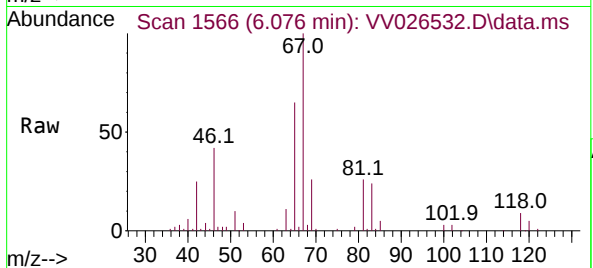
EW4T5

Tgt Ion: 63 Resp: 7454

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#52

Ethylbenzene

Concen: 0.472 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV026532.D

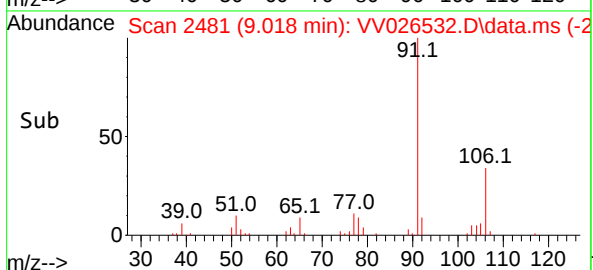
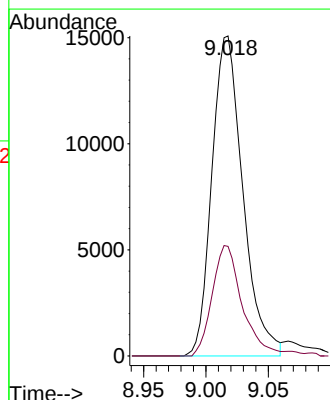
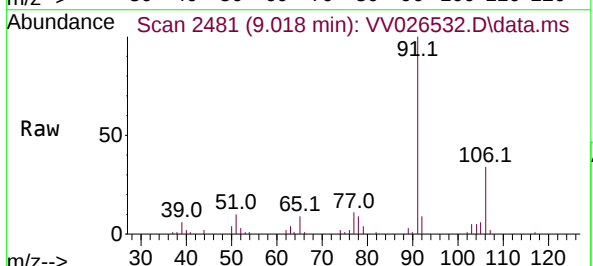
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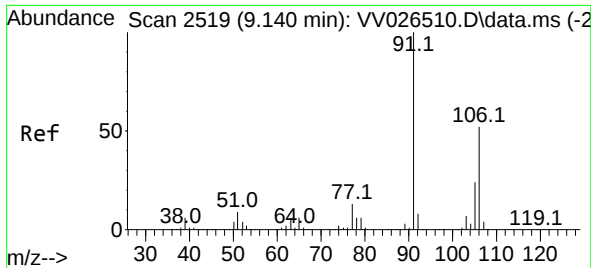
Tgt Ion: 91 Resp: 26075

Ion Ratio Lower Upper

91 100

106 34.3 22.1 41.1

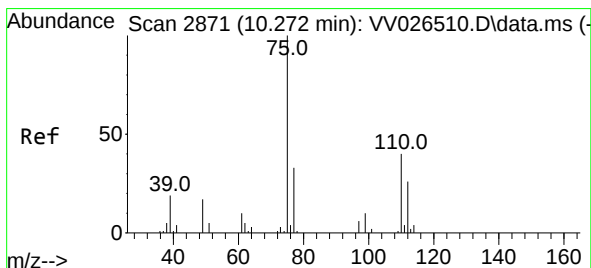
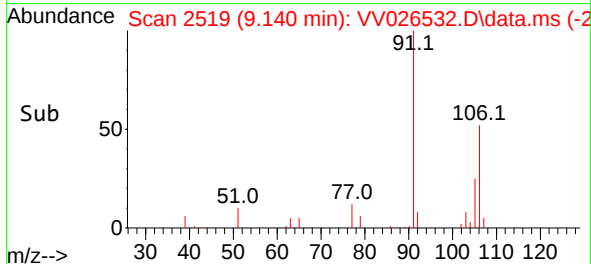
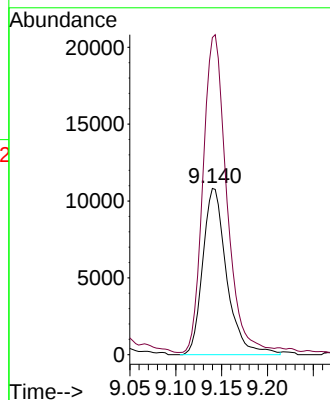
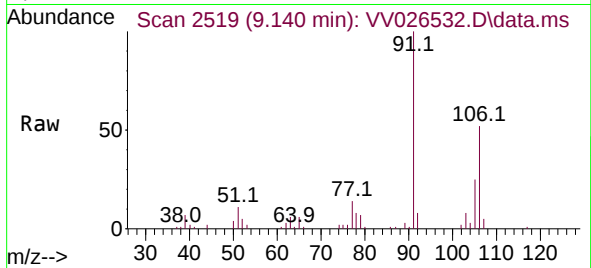




#53
m,p-Xylene
Concen: 0.913 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

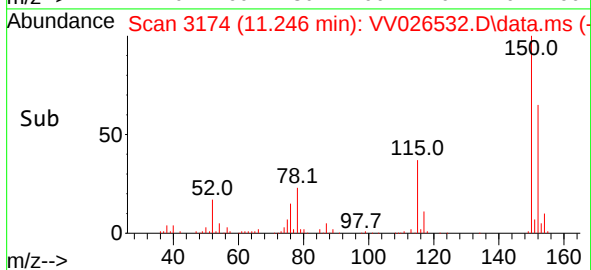
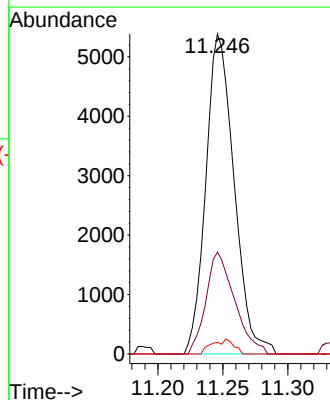
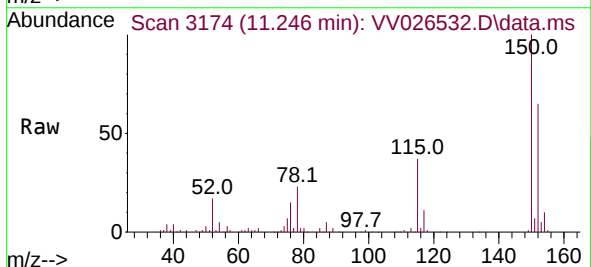
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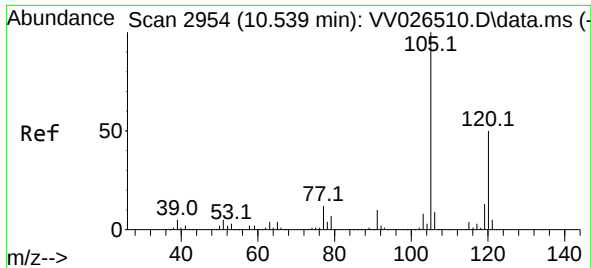
Tgt Ion:106 Resp: 19665
Ion Ratio Lower Upper
106 100
91 190.8 139.9 259.9



#61
1,2,3-Trichloropropane
Concen: 1.657 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

Tgt Ion: 75 Resp: 8141
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 3.5 32.5 48.7#

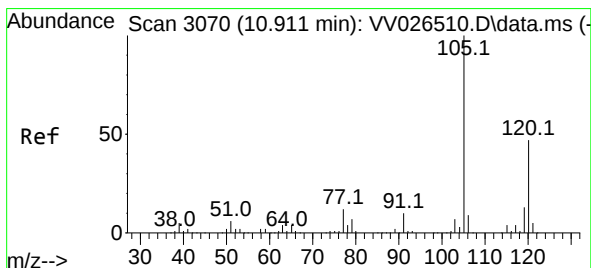
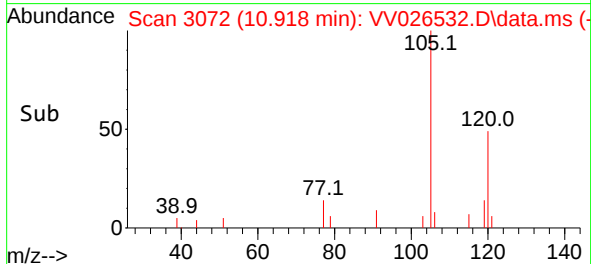
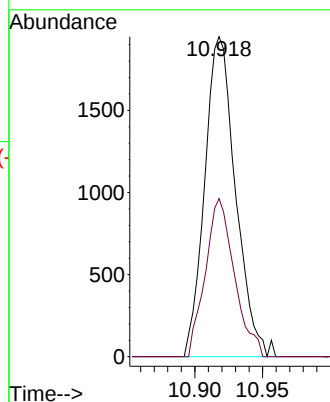
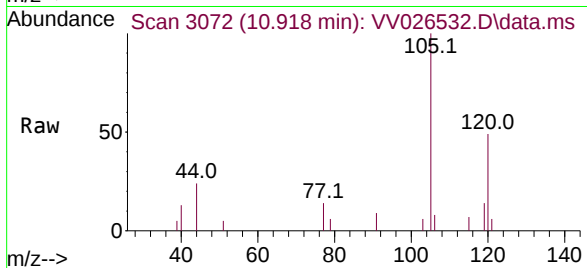




#62
 1,3,5-Trimethylbenzene
 Concen: 0.083 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.379 min
 Lab File: VV026532.D
 Acq: 23 Jun 2022 22:19

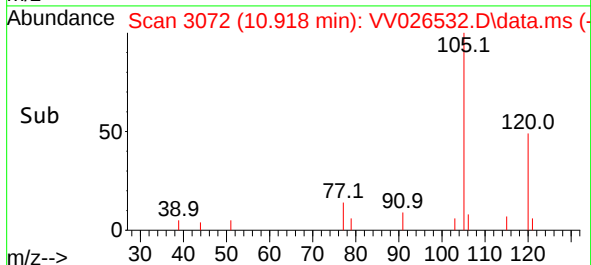
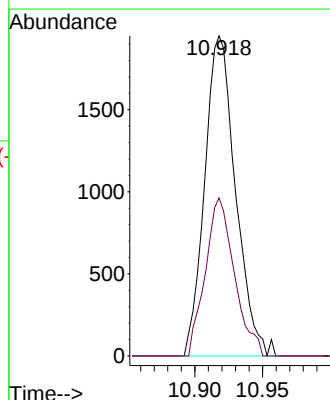
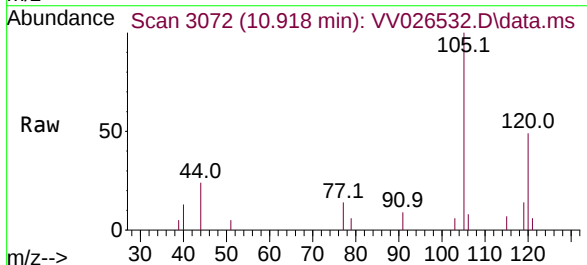
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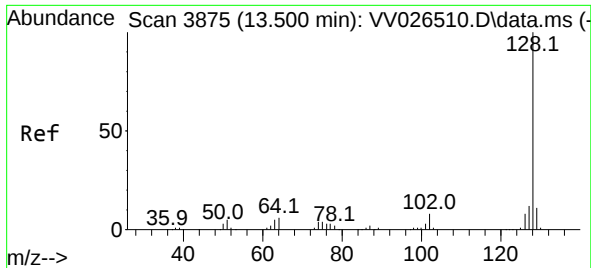
Tgt Ion:105 Resp: 3086
 Ion Ratio Lower Upper
 105 100
 120 46.4 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.085 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.006 min
 Lab File: VV026532.D
 Acq: 23 Jun 2022 22:19

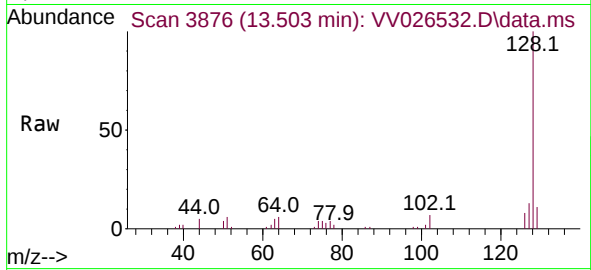
Tgt Ion:105 Resp: 3086
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.4 56.2





#71
Naphthalene
Concen: 1.349 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV026532.D
Acq: 23 Jun 2022 22:19

Instrument :
MSVOA_V
ClientSampleId :
EW4T5



Tgt Ion:	128	Resp:	20340
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.0	10.2	15.4

