

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026054.D
 Acq On : 09 Jun 2022 14:57
 Operator : SY/MD
 Sample : N3247-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS9

Quant Time: Jun 10 02:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 02:49:22 2022
 Response via : Initial Calibration

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

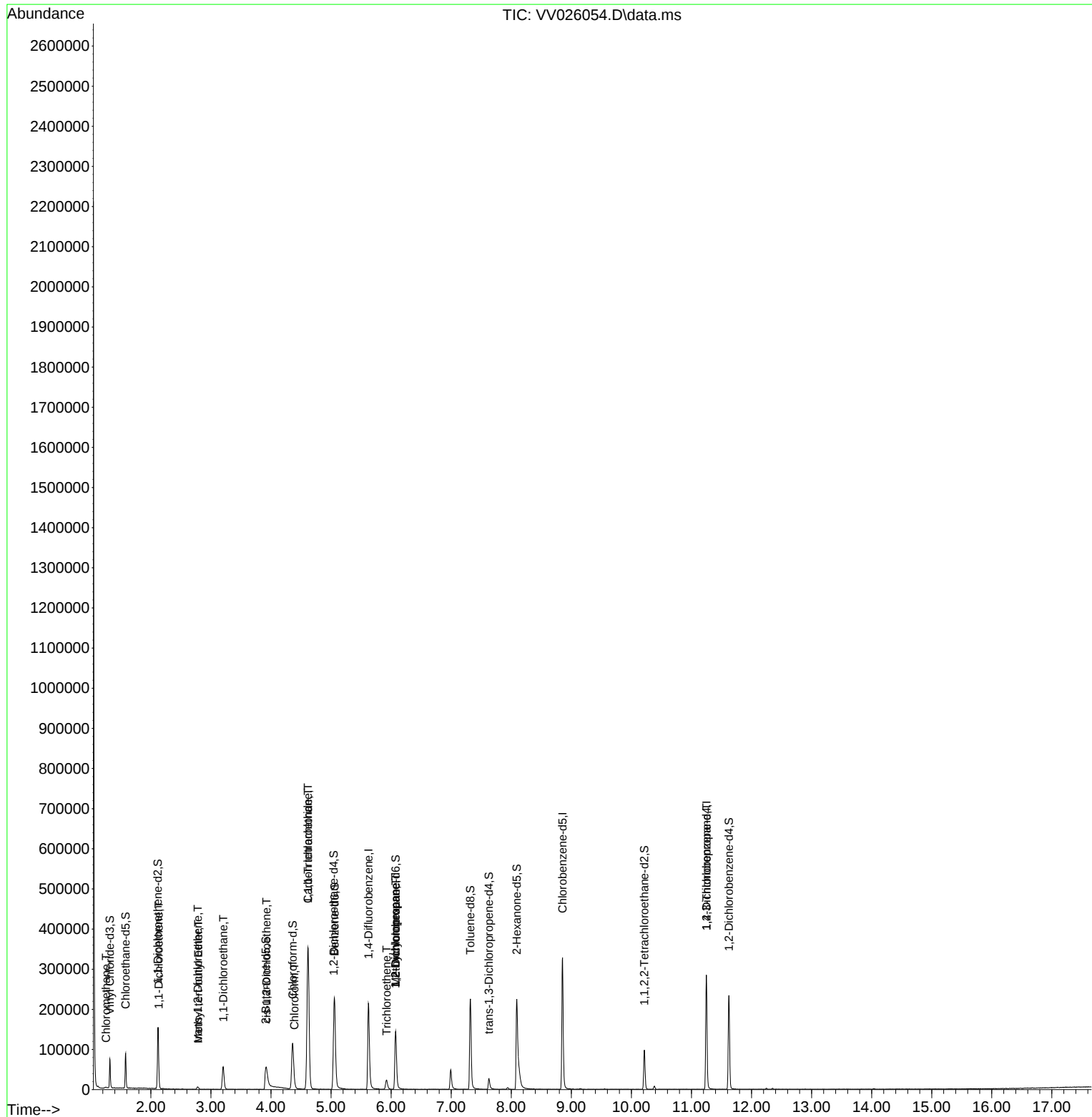
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	188314	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	183233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	47732	4.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.581	69	55668	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.118	63	78977	3.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.912	46	95853	58.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.260%
24) Chloroform-d	4.362	84	119527	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.043	65	52994	5.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.060	84	215325	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.076	67	73817	5.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.320	98	157548	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.629	79	16905	4.192	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.092	63	90771	51.146	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49505	5.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	61534	5.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	879	0.042	ug/L	90
12) 1,1-Dichloroethene	2.130	96	4029	0.266	ug/L #	1
17) Methyl tert-butyl Ether	2.790	73	2292	0.093	ug/L #	64
18) trans-1,2-Dichloroethene	2.780	96	1628	0.114	ug/L	98
19) 1,1-Dichloroethane	3.204	63	58374	2.247	ug/L	97
22) cis-1,2-Dichloroethene	3.925	96	11124	0.790	ug/L	90
25) Chloroform	4.388	83	4373	0.164	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	286128	11.900	ug/L	100
31) Carbon tetrachloride	4.616	117	36637	1.855	ug/L	99
34) Trichloroethene	5.924	95	7188	0.478	ug/L	97
35) Methylcyclohexane	6.076	83	17882	0.771	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8122	0.582	ug/L #	89
61) 1,2,3-Trichloropropane	11.249	75	8934	1.500	ug/L #	65

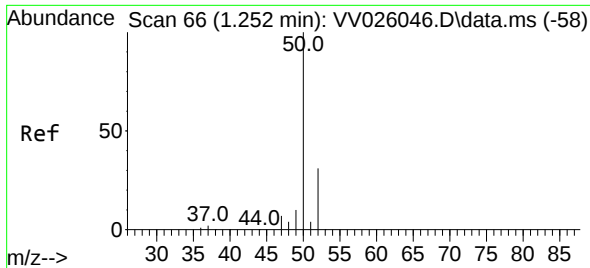
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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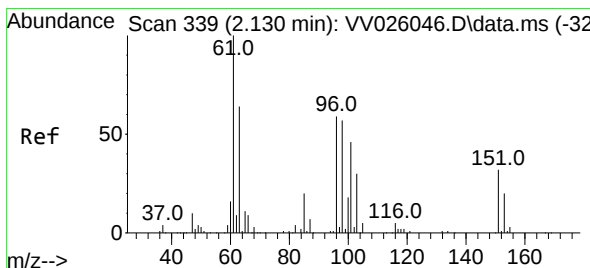
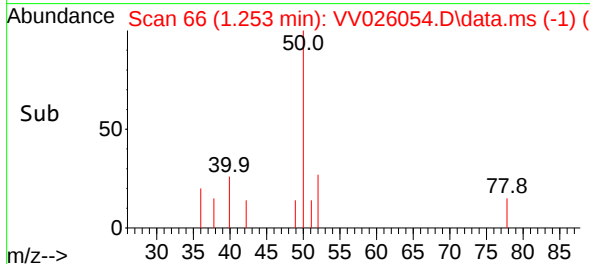
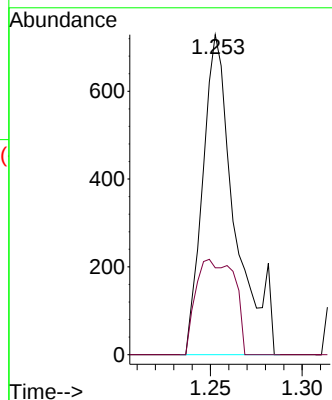
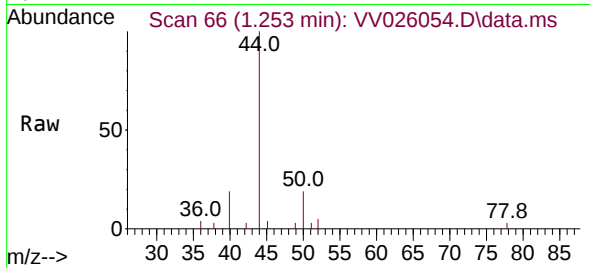




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.253 min Scan# 66
Delta R.T. 0.000 min
Lab File: VV026054.D
Acq: 09 Jun 2022 14:57

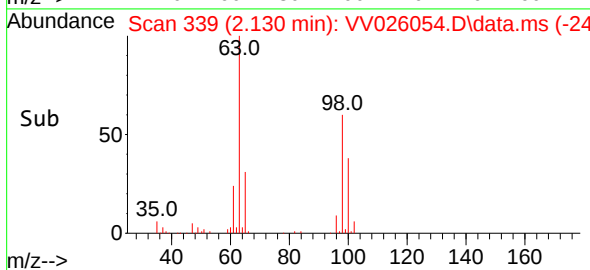
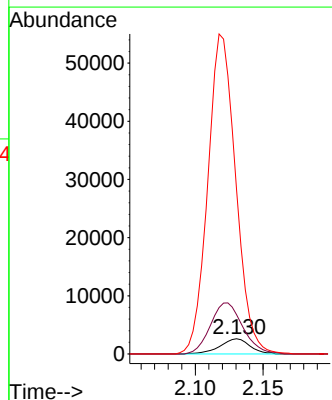
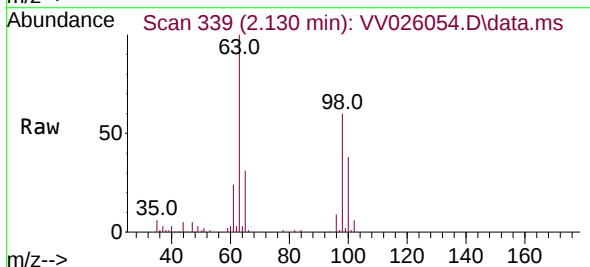
Instrument :
MSVOA_V
ClientSampleId :
EXYS9

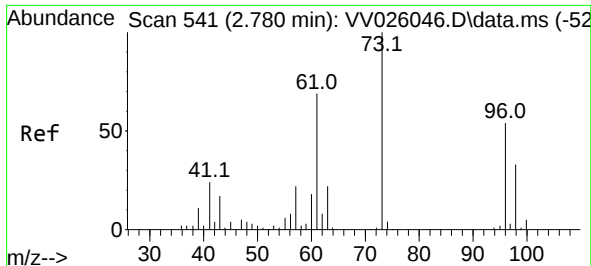
Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 27.2 23.0 42.6



#12
1,1-Dichloroethene
Concen: 0.266 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.000 min
Lab File: VV026054.D
Acq: 09 Jun 2022 14:57

Tgt Ion: 96 Resp: 4029
Ion Ratio Lower Upper
96 100
61 258.6 122.6 227.6#
63 1083.1 78.5 145.9#

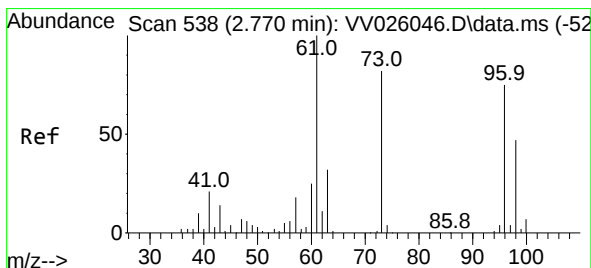
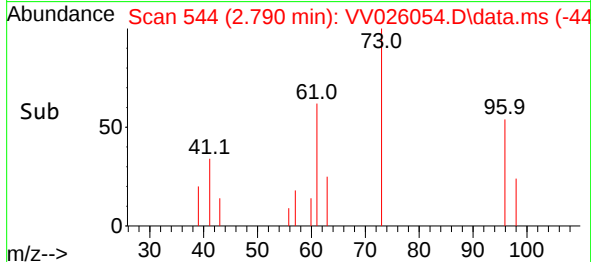
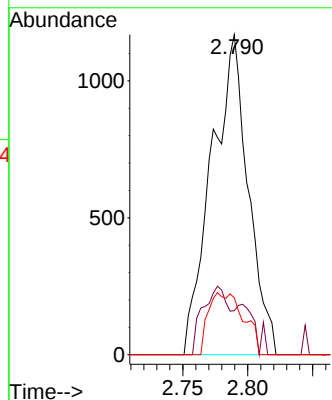
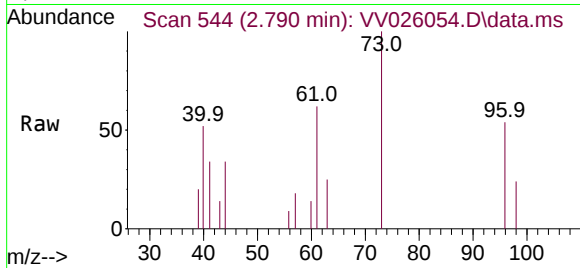




#17
Methyl tert-butyl Ether
Concen: 0.093 ug/L
RT: 2.790 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV026054.D
Acq: 09 Jun 2022 14:57

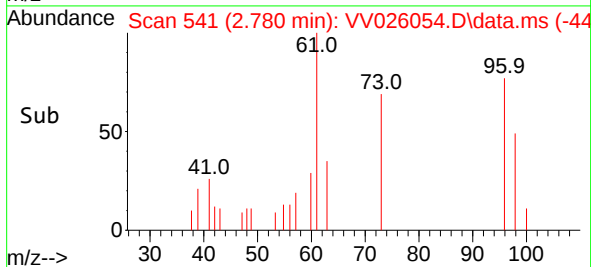
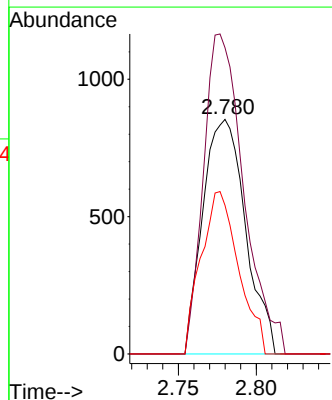
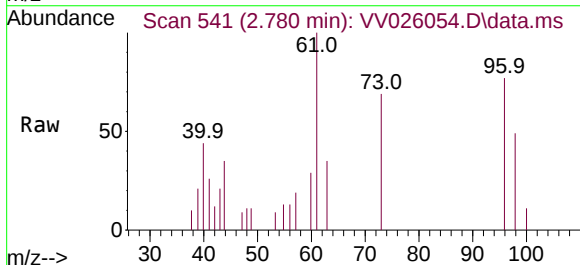
Instrument :
MSVOA_V
ClientSampleId :
EXYS9

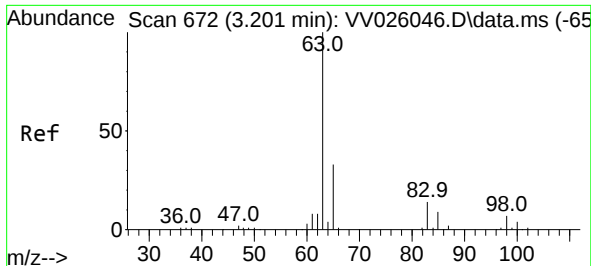
Tgt Ion: 73 Resp: 2292
Ion Ratio Lower Upper
73 100
43 7.8 13.7 20.5#
57 0.0 17.8 26.6#



#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV026054.D
Acq: 09 Jun 2022 14:57

Tgt Ion: 96 Resp: 1628
Ion Ratio Lower Upper
96 100
61 130.6 94.3 175.1
98 63.3 44.4 82.5





#19

1,1-Dichloroethane

Concen: 2.247 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026054.D

Acq: 09 Jun 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

EXYS9

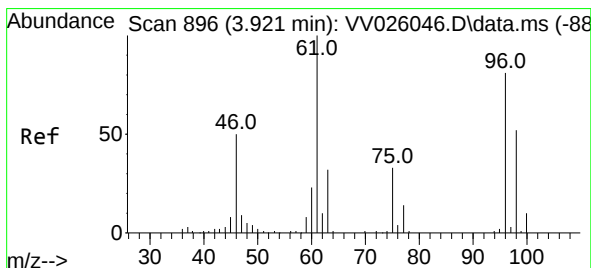
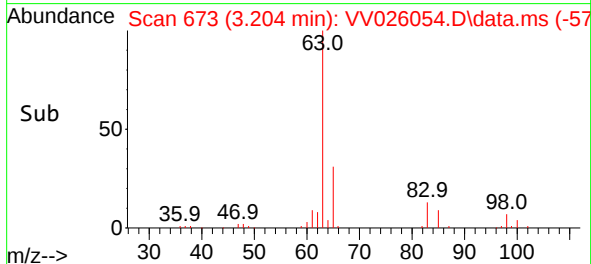
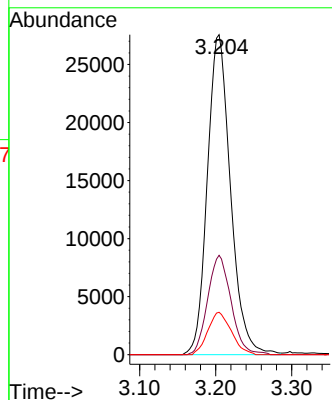
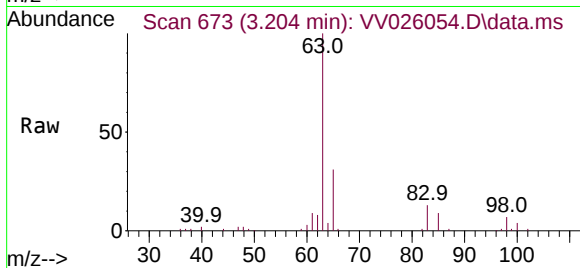
Tgt Ion: 63 Resp: 58374

Ion Ratio Lower Upper

63 100

65 31.1 23.1 42.9

83 13.3 9.7 18.1



#22

cis-1,2-Dichloroethene

Concen: 0.790 ug/L

RT: 3.925 min Scan# 897

Delta R.T. 0.003 min

Lab File: VV026054.D

Acq: 09 Jun 2022 14:57

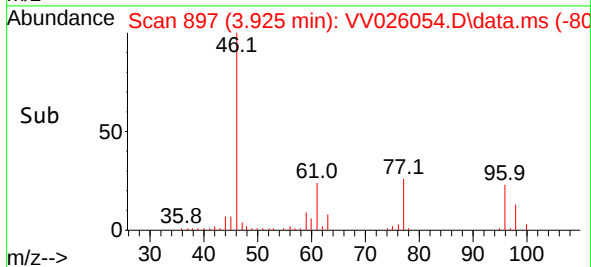
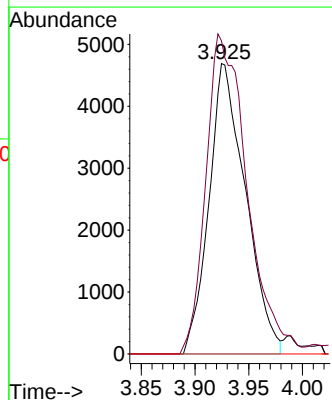
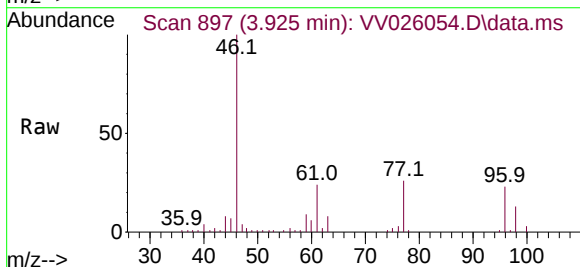
Tgt Ion: 96 Resp: 11124

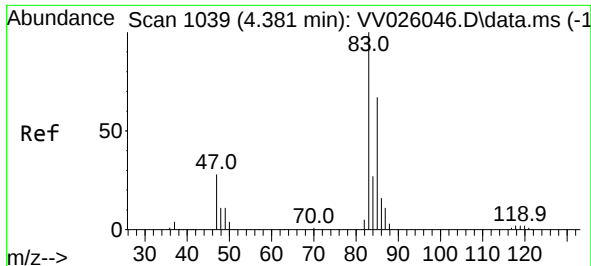
Ion Ratio Lower Upper

96 100

61 107.9 83.1 154.3

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.164 ug/L

RT: 4.388 min Scan# 11041

Delta R.T. 0.007 min

Lab File: VV026054.D

Acq: 09 Jun 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

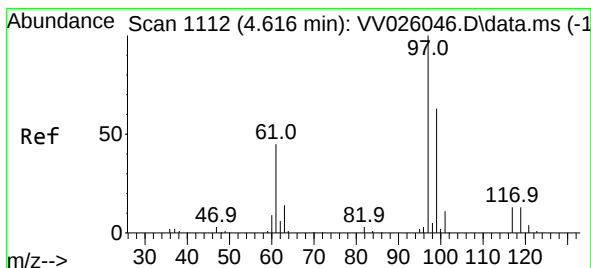
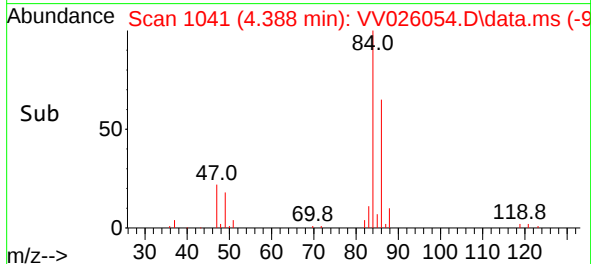
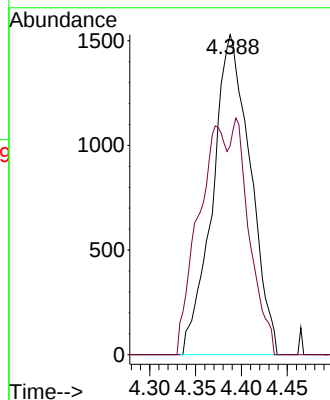
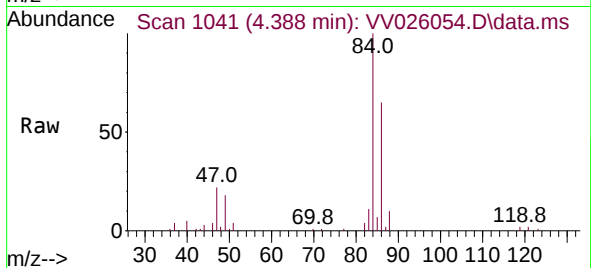
EXYS9

Tgt Ion: 83 Resp: 4373

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 11.900 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VV026054.D

Acq: 09 Jun 2022 14:57

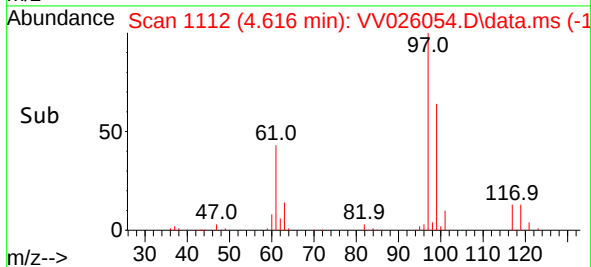
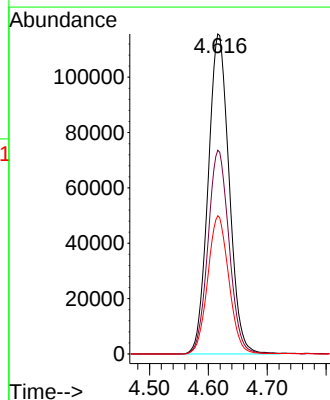
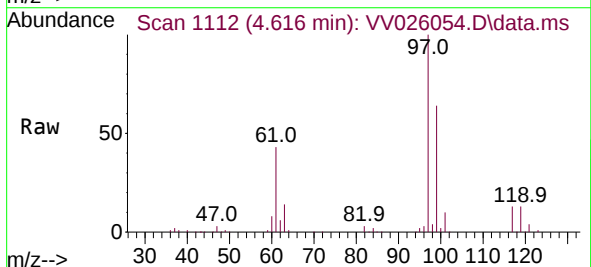
Tgt Ion: 97 Resp: 286128

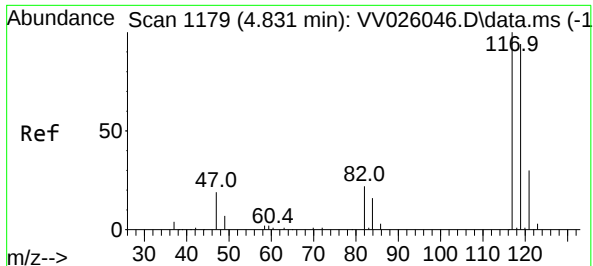
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 43.3 34.9 52.3

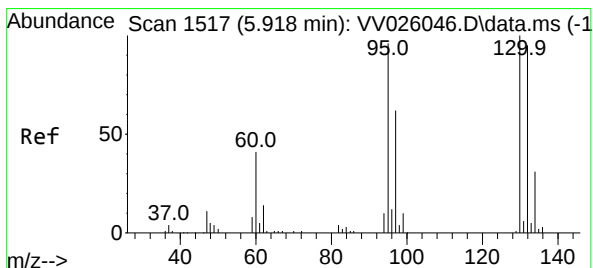
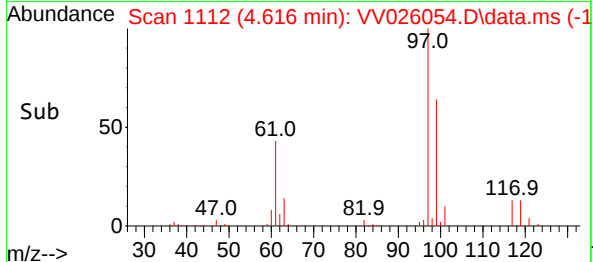
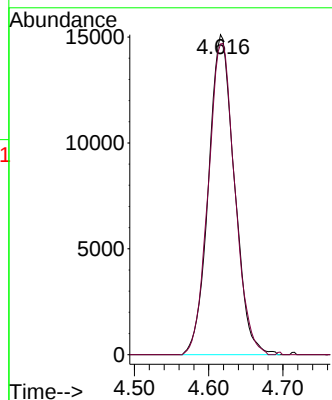
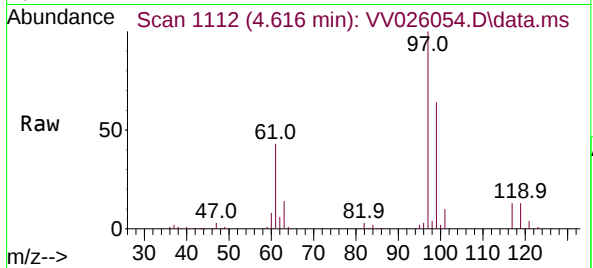




#31
Carbon tetrachloride
Concen: 1.855 ug/L
RT: 4.616 min Scan# 1179
Delta R.T. -0.215 min
Lab File: VV026054.D
Acq: 09 Jun 2022 14:57

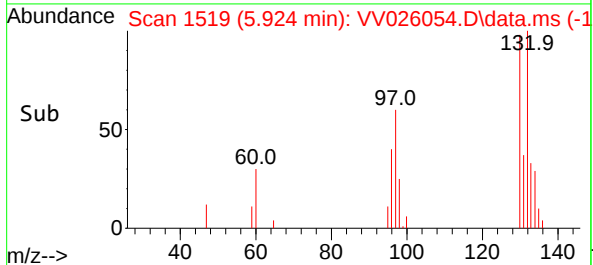
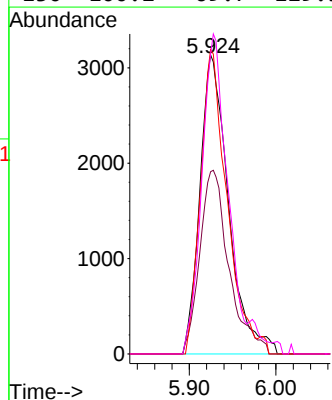
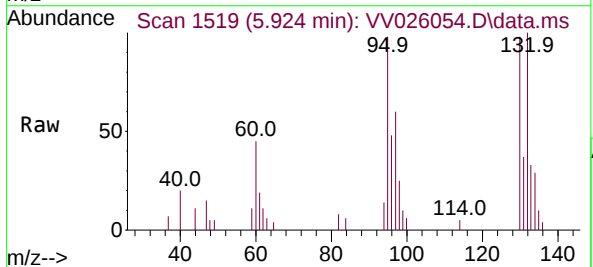
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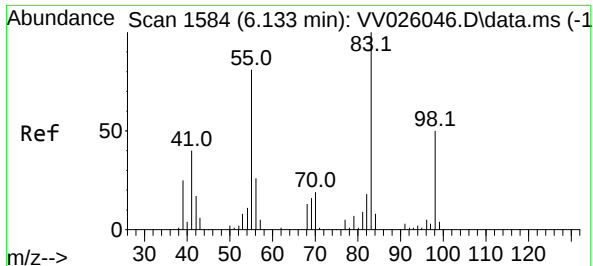
Tgt Ion:117 Resp: 36637
Ion Ratio Lower Upper
117 100
119 99.5 78.7 118.1



#34
Trichloroethene
Concen: 0.478 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.007 min
Lab File: VV026054.D
Acq: 09 Jun 2022 14:57

Tgt Ion: 95 Resp: 7188
Ion Ratio Lower Upper
95 100
97 60.9 44.0 81.6
132 101.8 67.5 125.4
130 100.2 69.7 129.5





#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026054.D

Acq: 09 Jun 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

EXYS9

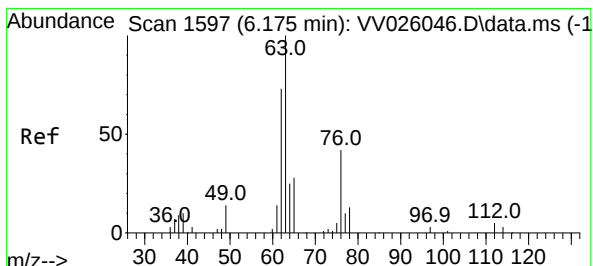
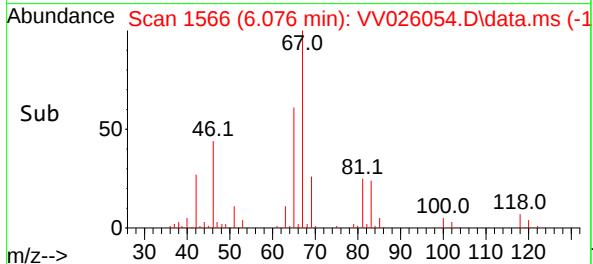
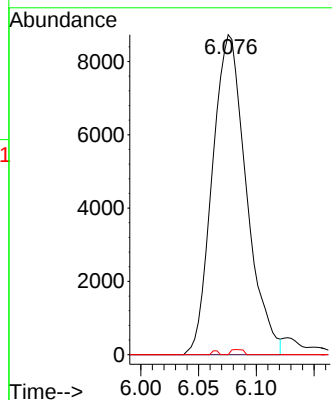
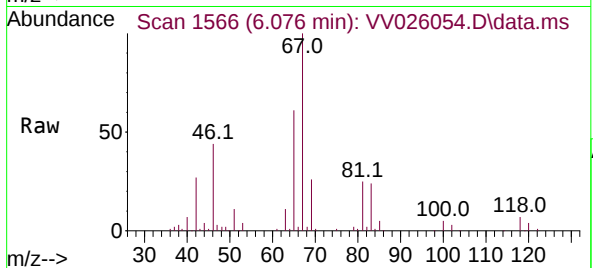
Tgt Ion: 83 Resp: 17882

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 0.6 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV026054.D

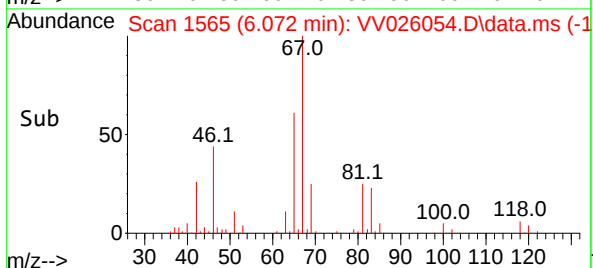
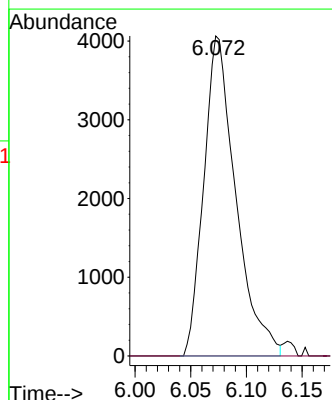
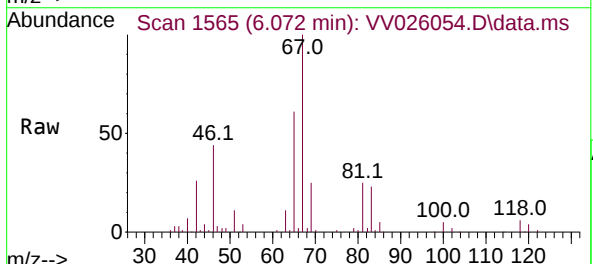
Acq: 09 Jun 2022 14:57

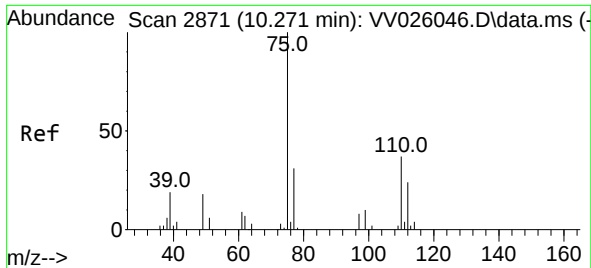
Tgt Ion: 63 Resp: 8122

Ion Ratio Lower Upper

63 100

112 0.9 3.8 5.6#





#61

1,2,3-Trichloropropane

Concen: 1.500 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV026054.D

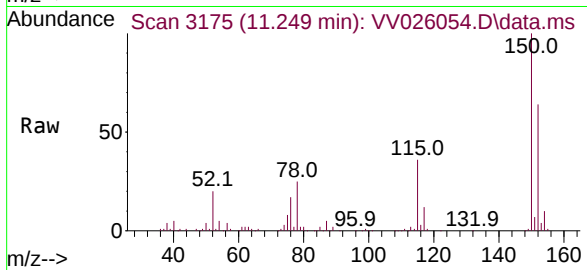
Acq: 09 Jun 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

EXYS9



Tgt Ion: 75 Resp: 8934

Ion Ratio Lower Upper

75 100

77 34.7 26.6 40.0

110 2.0 32.0 48.0#

