

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070722\
 Data File : VV026672.D
 Acq On : 07 Jul 2022 12:02
 Operator : SY/MD
 Sample : N3598-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN3

Quant Time: Jul 08 03:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

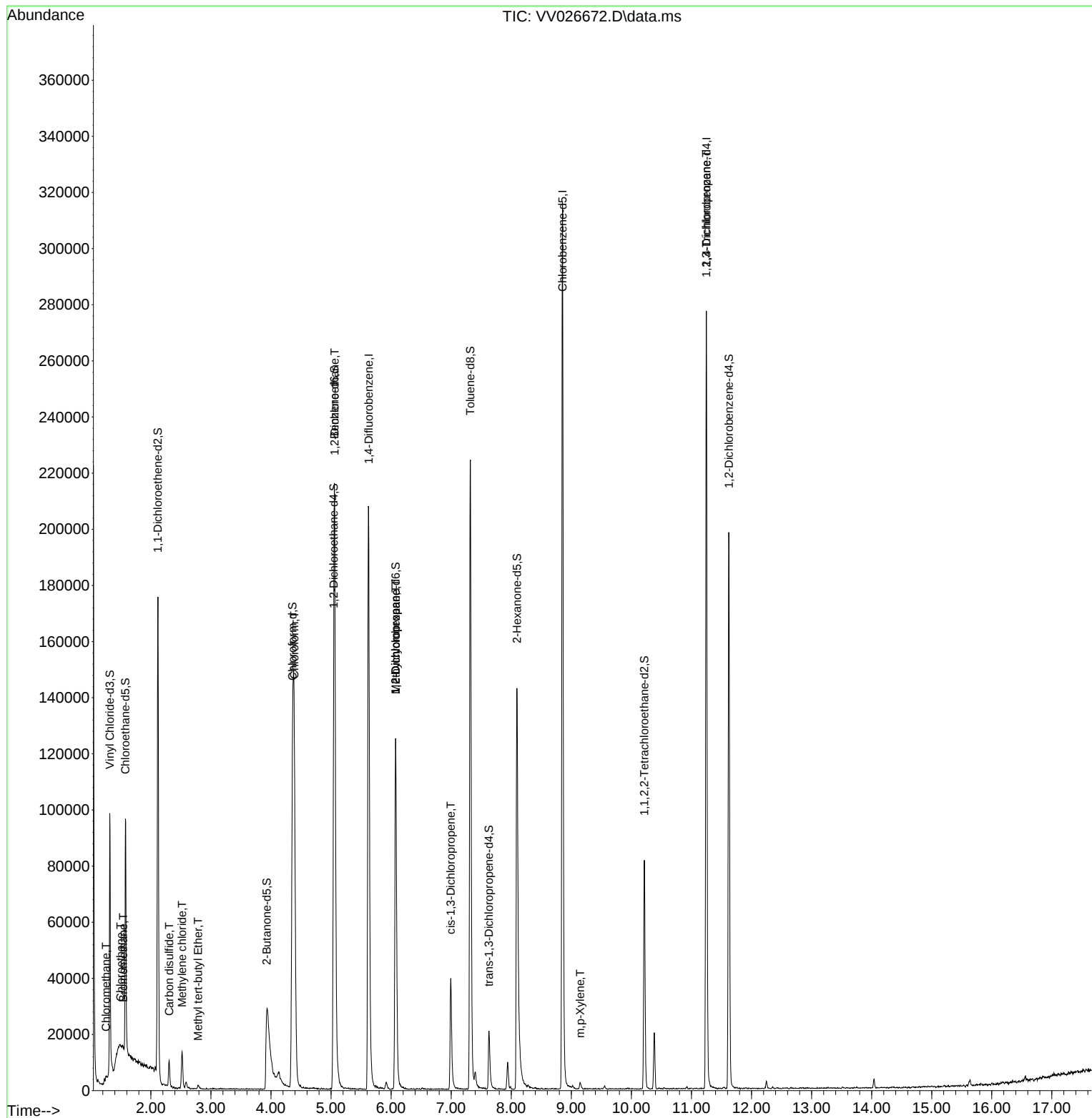
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192410	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	188197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	62217	4.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.577	69	55760	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.118	63	87052	3.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.931	46	66461	43.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.400%
24) Chloroform-d	4.359	84	118281	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.043	65	44788	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.056	84	206983	3.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.076	67	64337	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.320	98	161314	3.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.629	79	14312	3.725	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.095	63	53933	36.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41787	4.297	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	54033	4.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	1078	0.067	ug/L	93
6) Bromomethane	1.539	94	695	0.075	ug/L #	61
8) Chloroethane	1.494	64	30381	2.618	ug/L #	56
14) Carbon disulfide	2.304	76	11091	0.323	ug/L	99
16) Methylene chloride	2.519	84	6109	0.443	ug/L	94
17) Methyl tert-butyl Ether	2.786	73	1141	0.054	ug/L #	83
25) Chloroform	4.388	83	111135	4.364	ug/L	97
27) 1,2-Dichloroethane	5.059	62	986	0.087	ug/L #	73
35) Methylcyclohexane	6.076	83	15247	0.713	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	6350	0.479	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1107	0.083	ug/L #	77
53) m,p-Xylene	9.146	106	1010	0.044	ug/L	62
61) 1,2,3-Trichloropropane	11.246	75	7975	1.620	ug/L #	64

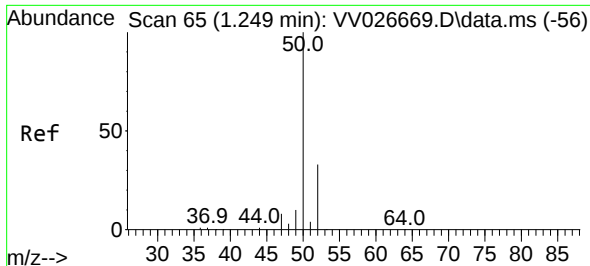
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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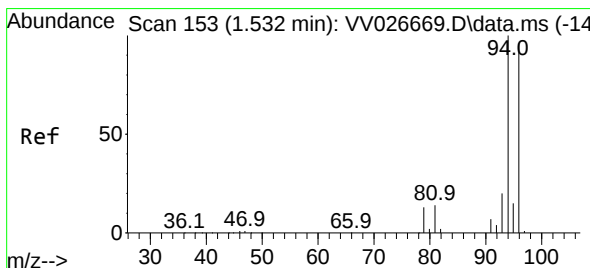
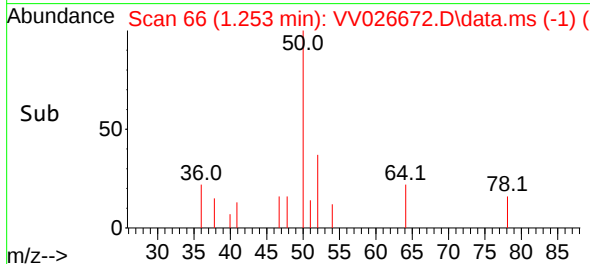
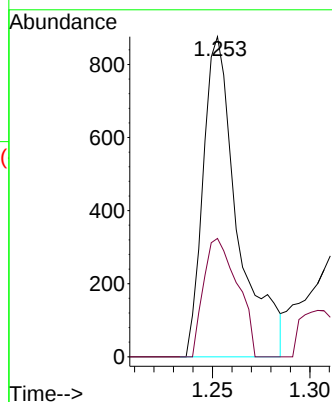
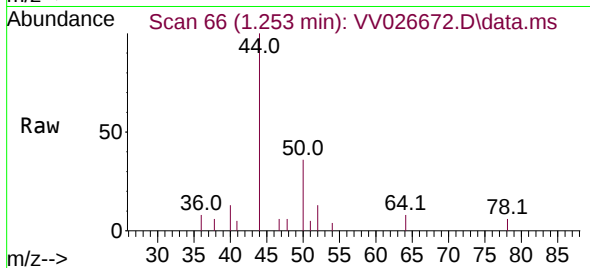




#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

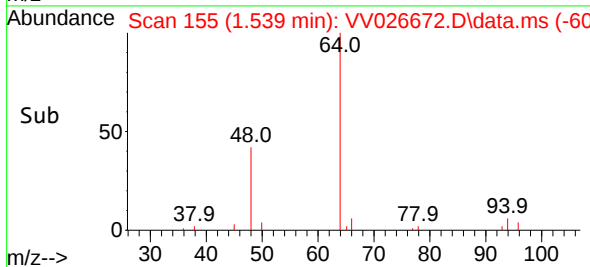
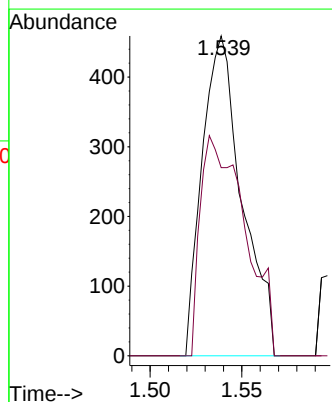
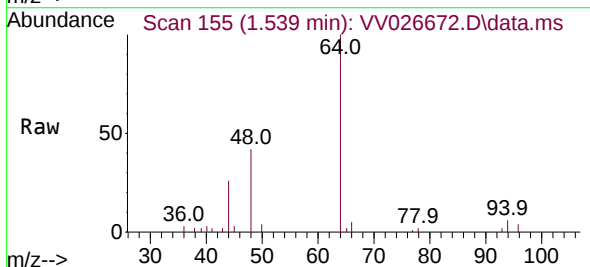
Instrument :
MSVOA_V
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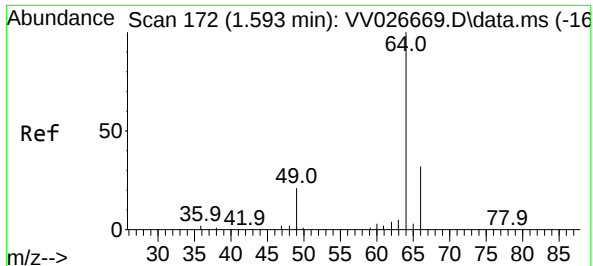
Tgt Ion: 50 Resp: 1078
Ion Ratio Lower Upper
50 100
52 37.0 23.0 42.6



#6
Bromomethane
Concen: 0.075 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.006 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

Tgt Ion: 94 Resp: 695
Ion Ratio Lower Upper
94 100
96 58.8 68.0 126.2#

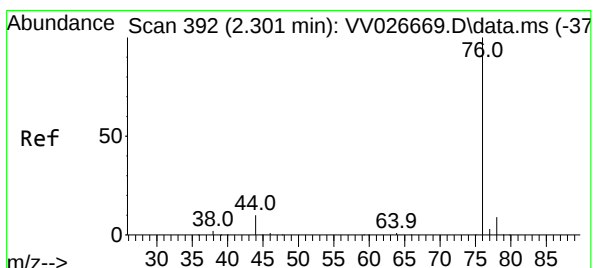
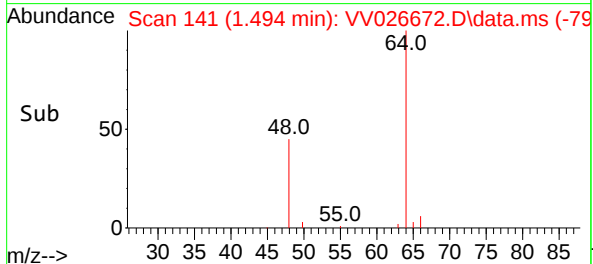
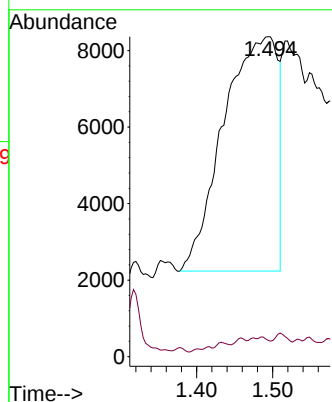
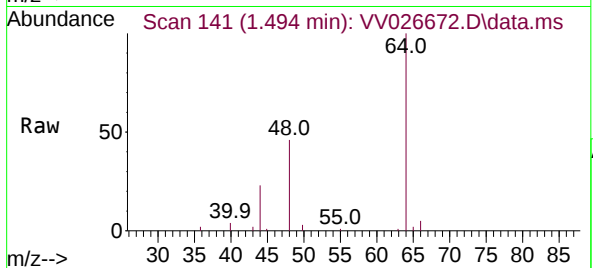




#8
Chloroethane
Concen: 2.618 ug/L
RT: 1.494 min Scan# 14
Delta R.T. -0.100 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

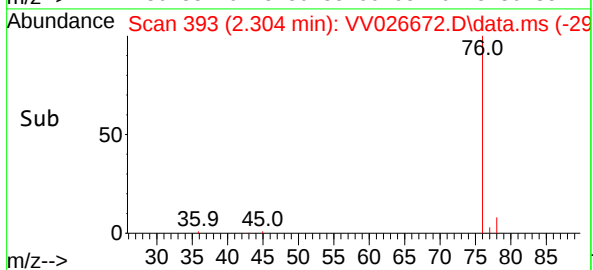
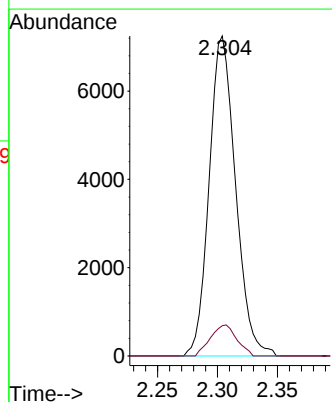
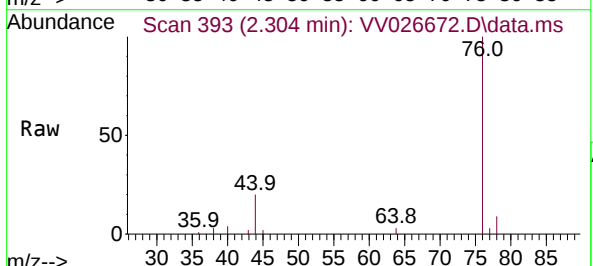
Instrument :
MSVOA_V
ClientSampleId :
COAN3

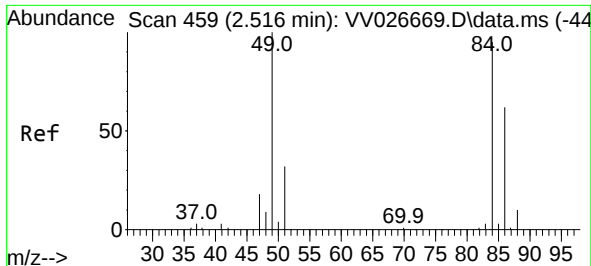
Tgt Ion: 64 Resp: 30381
Ion Ratio Lower Upper
64 100
66 5.1 20.0 37.2#



#14
Carbon disulfide
Concen: 0.323 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

Tgt Ion: 76 Resp: 11091
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6

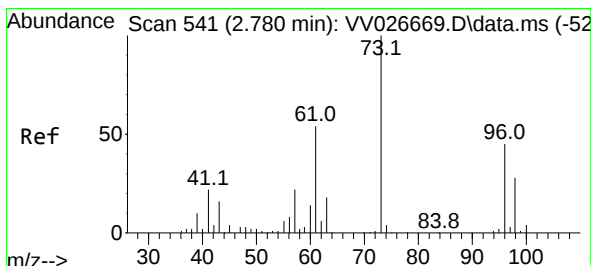
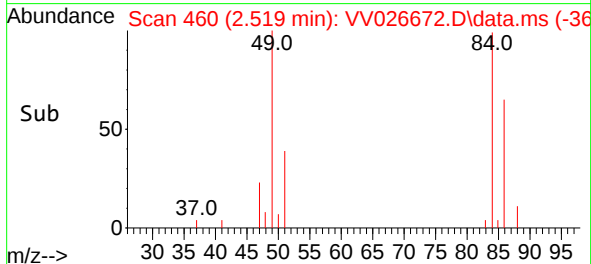
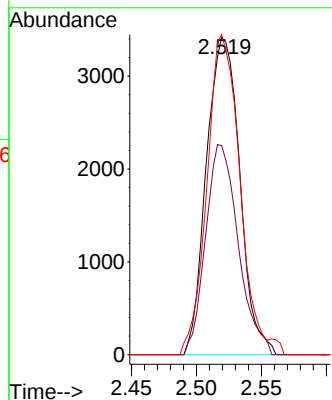
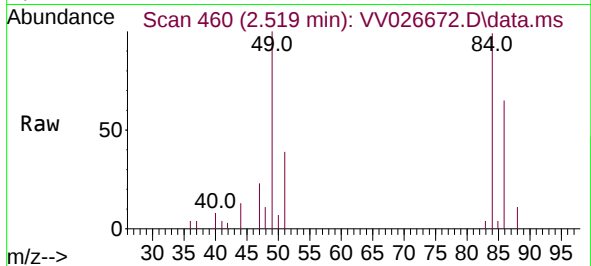




#16
Methylene chloride
Concen: 0.443 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

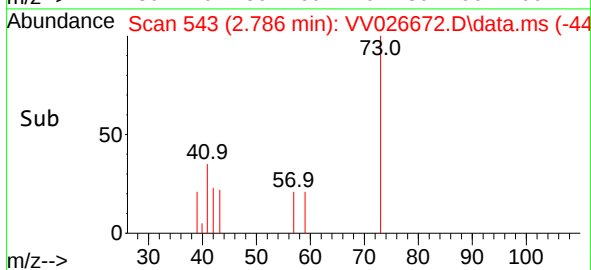
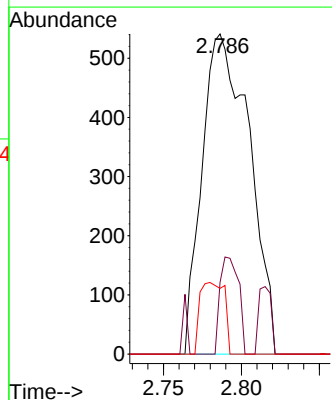
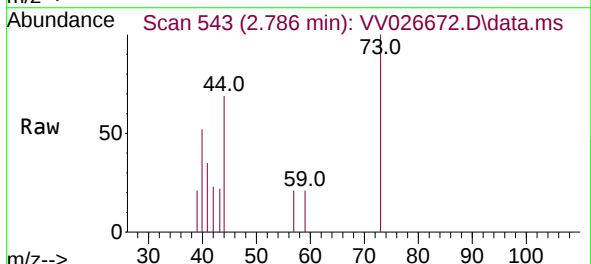
Instrument :
MSVOA_V
ClientSampleId :
COAN3

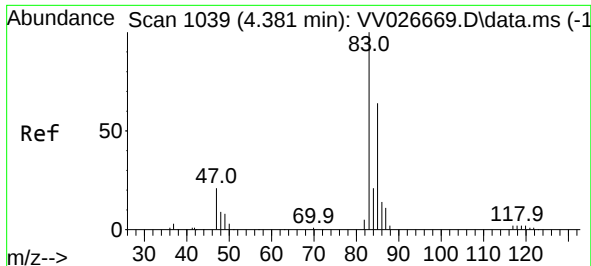
Tgt Ion: 84 Resp: 6109
Ion Ratio Lower Upper
84 100
86 65.9 46.0 85.4
49 100.9 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.054 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.006 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

Tgt Ion: 73 Resp: 1141
Ion Ratio Lower Upper
73 100
43 11.9 13.3 19.9#
57 11.7 17.2 25.8#

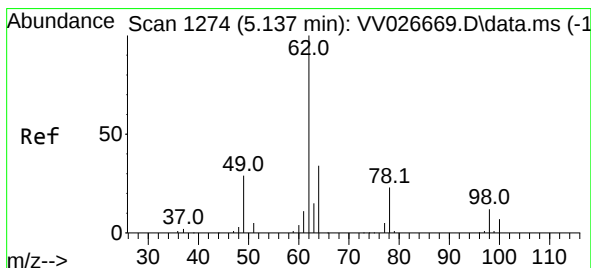
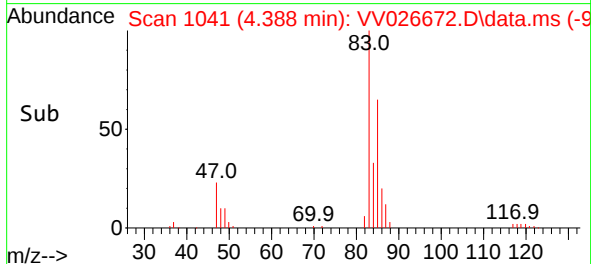
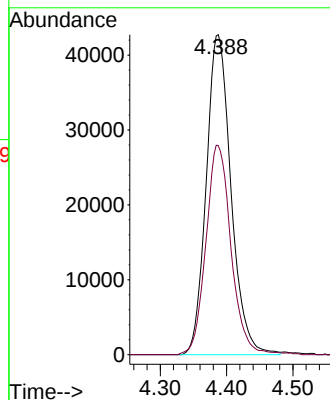
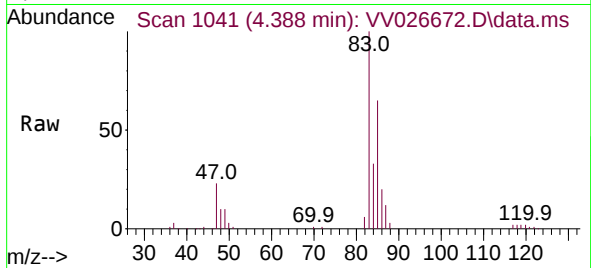




#25
Chloroform
Concen: 4.364 ug/L
RT: 4.388 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

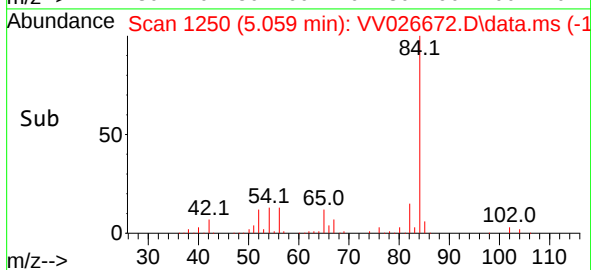
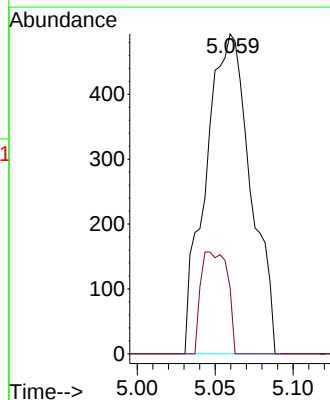
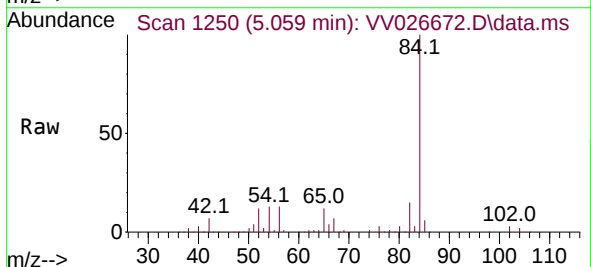
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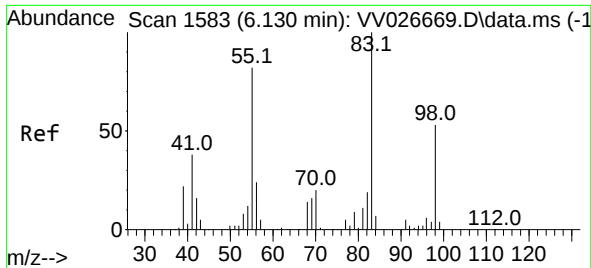
Tgt Ion: 83 Resp: 111135
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.8



#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.077 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

Tgt Ion: 62 Resp: 986
Ion Ratio Lower Upper
62 100
98 20.7 8.4 12.6#

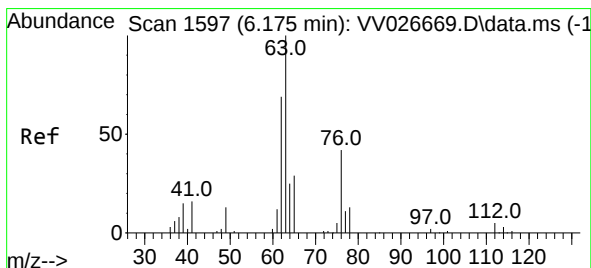
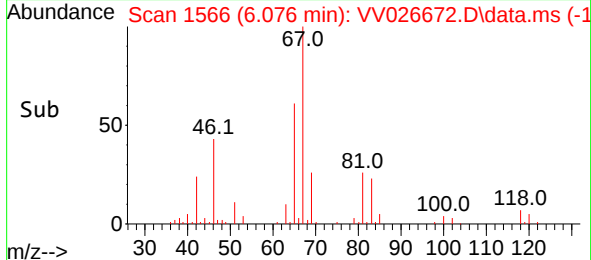
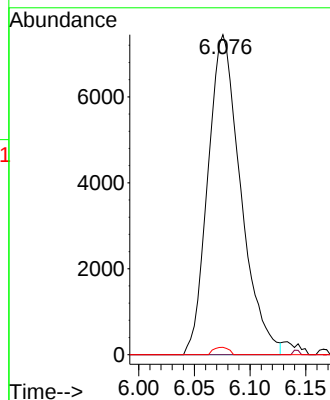
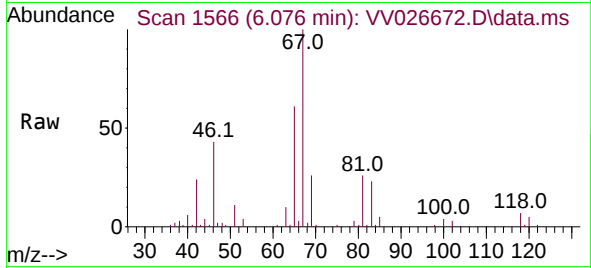




#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

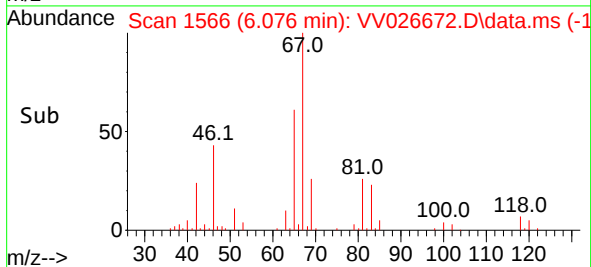
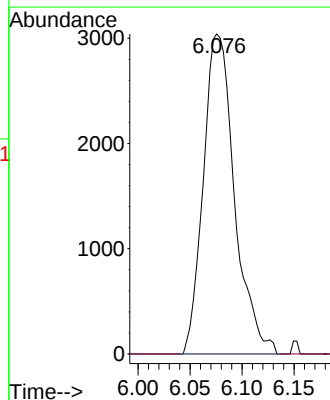
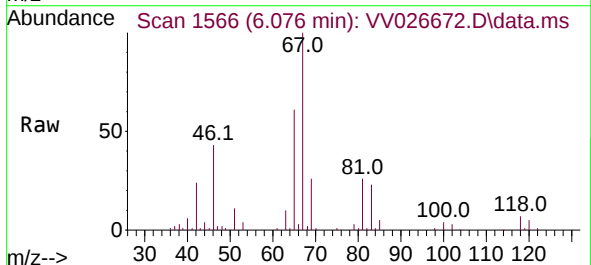
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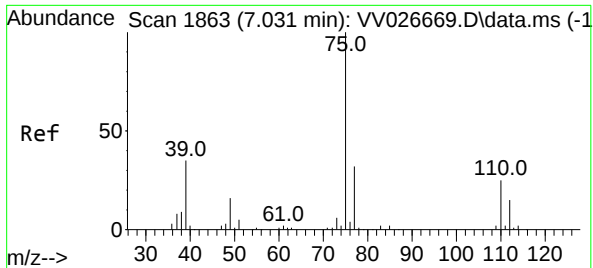
Tgt Ion: 83 Resp: 15247
Ion Ratio Lower Upper
83 100
55 0.3 57.0 85.4#
98 1.1 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026672.D
Acq: 07 Jul 2022 12:02

Tgt Ion: 63 Resp: 6350
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026672.D

Acq: 07 Jul 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :

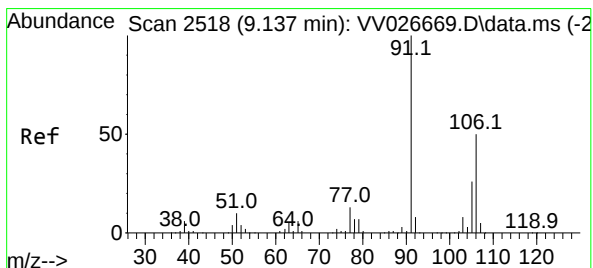
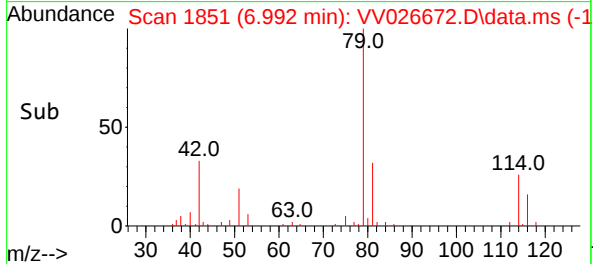
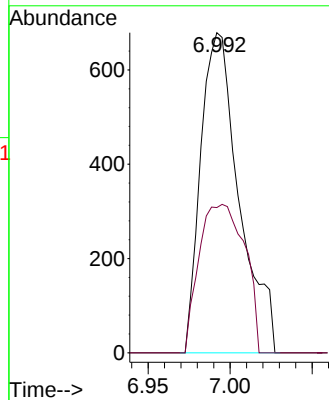
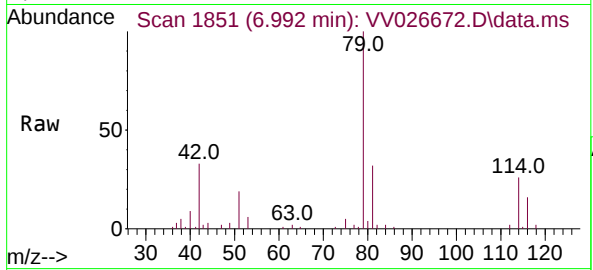
COAN3

Tgt Ion: 75 Resp: 1107

Ion Ratio Lower Upper

75 100

77 45.4 22.8 42.4#



#53

m,p-Xylene

Concen: 0.044 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026672.D

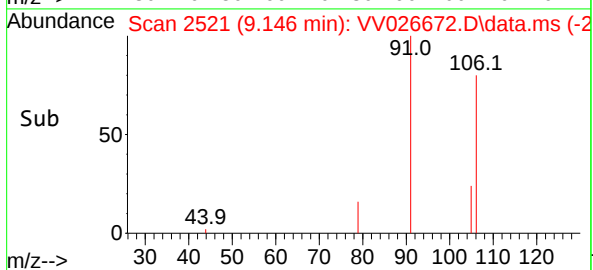
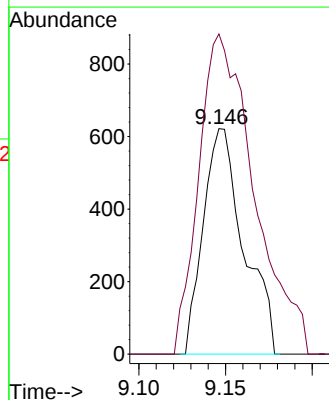
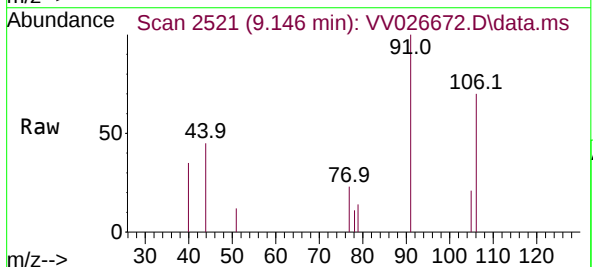
Acq: 07 Jul 2022 12:02

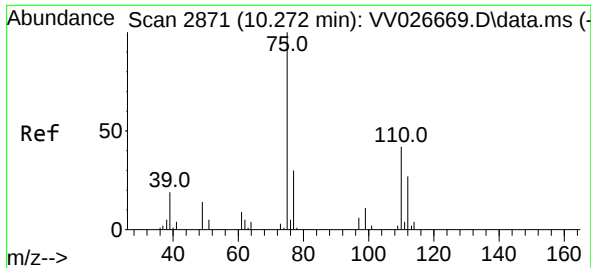
Tgt Ion: 106 Resp: 1010

Ion Ratio Lower Upper

106 100

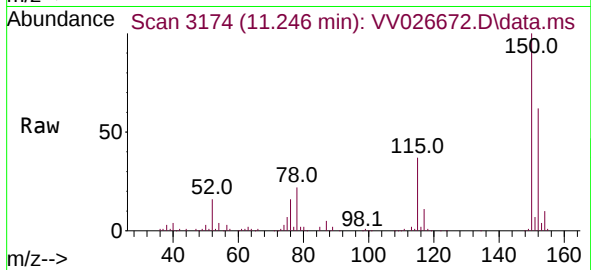
91 142.0 139.9 259.9





#61
 1,2,3-Trichloropropane
 Concen: 1.620 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026672.D
 Acq: 07 Jul 2022 12:02

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN3



Tgt Ion: 75 Resp: 7975
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.8 38.6
 110 1.7 32.5 48.7#

