

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070722\
 Data File : VV026671.D
 Acq On : 07 Jul 2022 11:37
 Operator : SY/MD
 Sample : N3598-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN2

Quant Time: Jul 08 02:59:58 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)

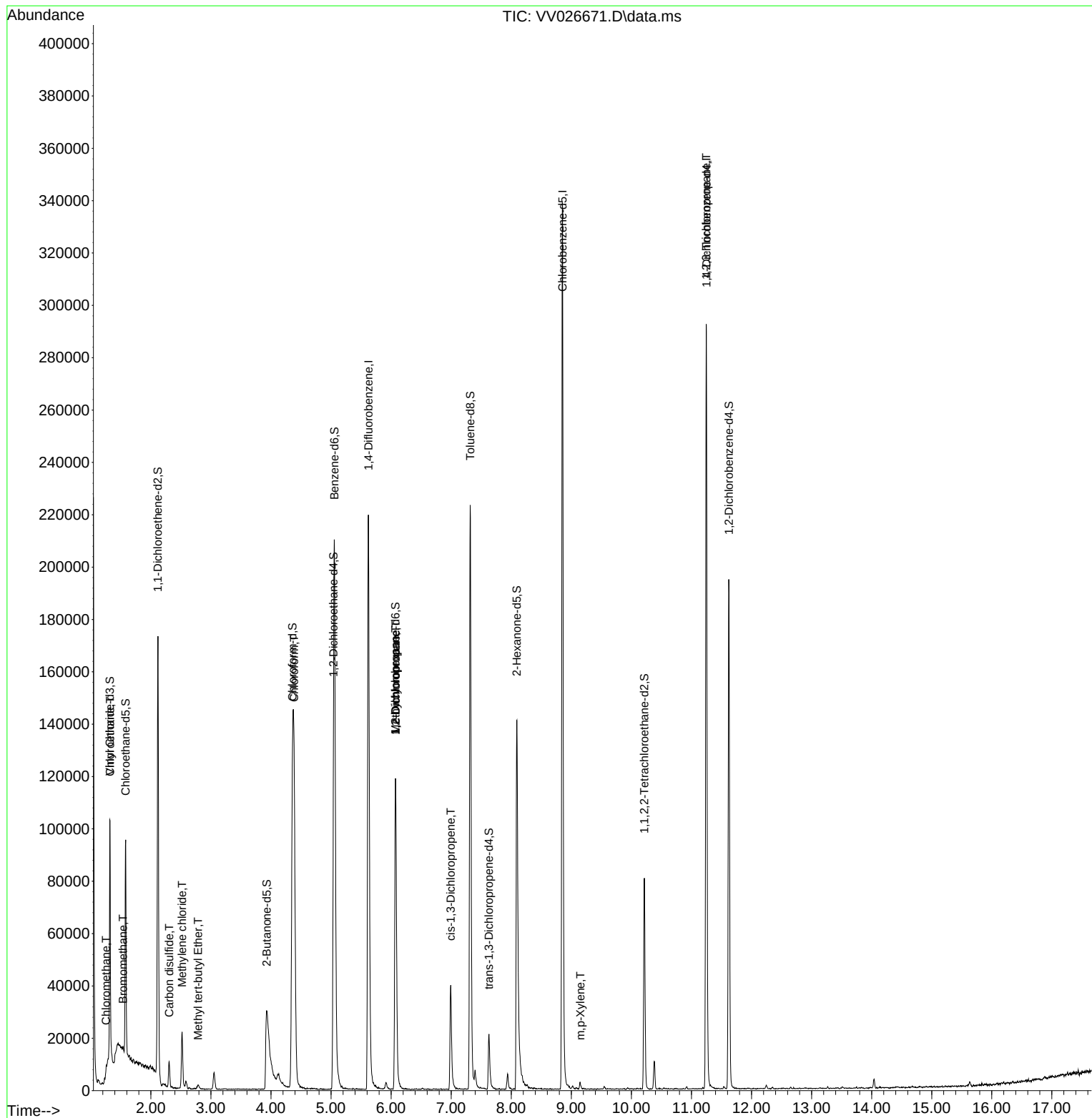
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	202610	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	200596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	60716	3.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.580	69	55076	4.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.117	63	86807	2.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.931	46	66996	41.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.720%
24) Chloroform-d	4.358	84	115194	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.040	65	44446	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.056	84	203901	3.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.072	67	62605	3.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.316	98	156581	3.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.400%#
43) trans-1,3-Dichloroprop...	7.628	79	13749	3.357	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.200%
46) 2-Hexanone-d5	8.091	63	50338	32.269	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39514	3.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	53794	3.978	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						Qvalue
3) Chloromethane	1.252	50	800	0.047	ug/L	92
6) Bromomethane	1.535	94	678	0.070	ug/L	79
8) Chloroethane	1.320	64	2739	0.224	ug/L	94
14) Carbon disulfide	2.304	76	11209	0.310	ug/L	100
16) Methylene chloride	2.519	84	9567	0.659	ug/L	92
17) Methyl tert-butyl Ether	2.786	73	1441	0.065	ug/L	95
25) Chloroform	4.384	83	107565	4.011	ug/L	95
35) Methylcyclohexane	6.072	83	15719	0.690	ug/L #	21
37) 1,2-Dichloropropane	6.075	63	6639	0.470	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1141	0.080	ug/L #	57
53) m,p-Xylene	9.152	106	881	0.036	ug/L	74
61) 1,2,3-Trichloropropane	11.246	75	8622	1.630	ug/L #	65

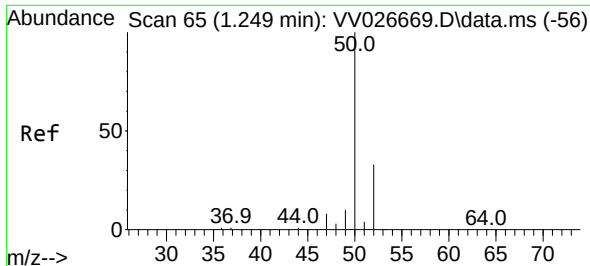
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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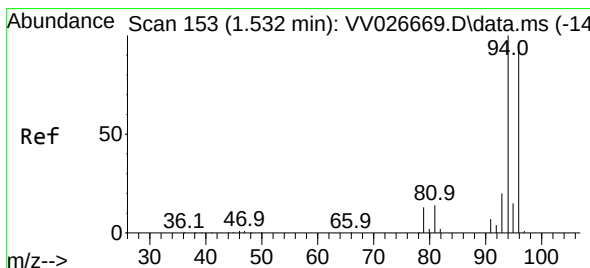
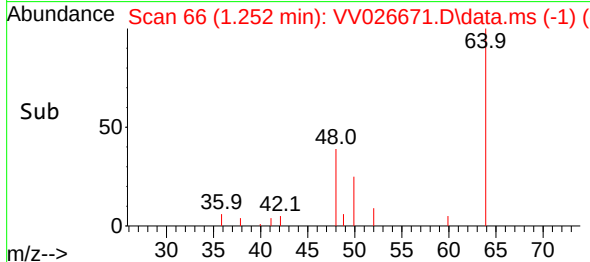
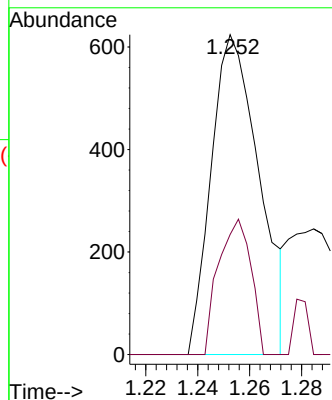
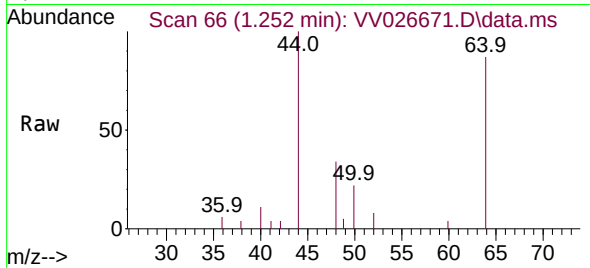




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.252 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV026671.D
Acq: 07 Jul 2022 11:37

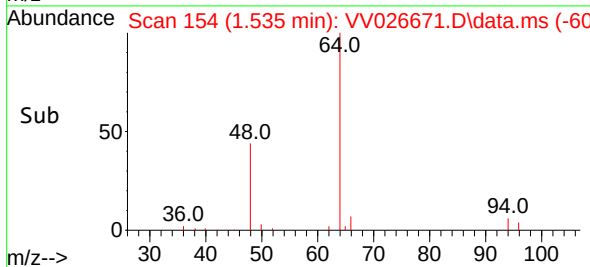
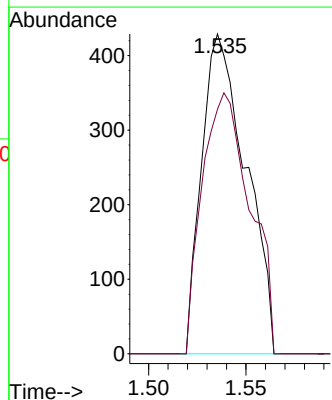
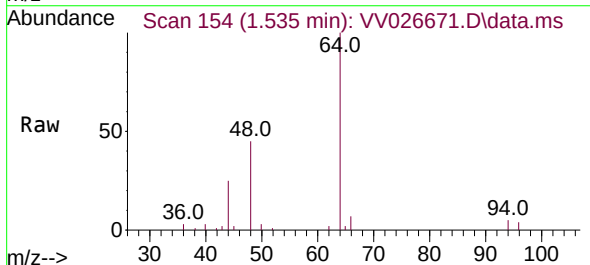
Instrument :
MSVOA_V
ClientSampleId :
COAN2

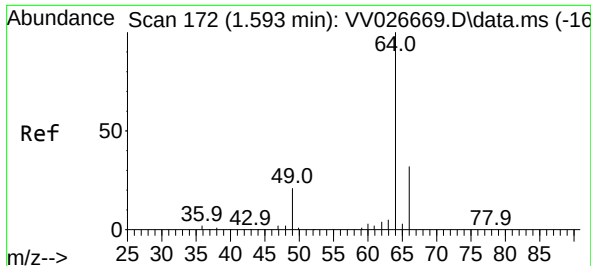
Tgt Ion: 50 Resp: 800
Ion Ratio Lower Upper
50 100
52 37.5 23.0 42.6



#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.535 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV026671.D
Acq: 07 Jul 2022 11:37

Tgt Ion: 94 Resp: 678
Ion Ratio Lower Upper
94 100
96 76.5 68.0 126.2





#8

Chloroethane

Concen: 0.224 ug/L

RT: 1.320 min Scan# 81

Delta R.T. -0.274 min

Lab File: VV026671.D

Acq: 07 Jul 2022 11:37

Instrument :

MSVOA_V

ClientSampleId :

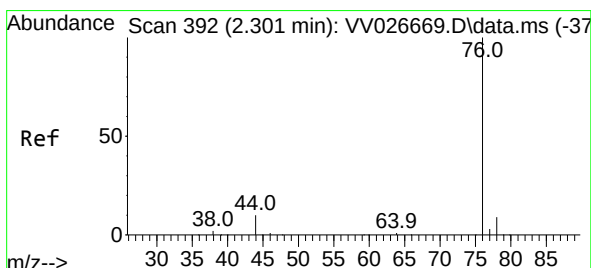
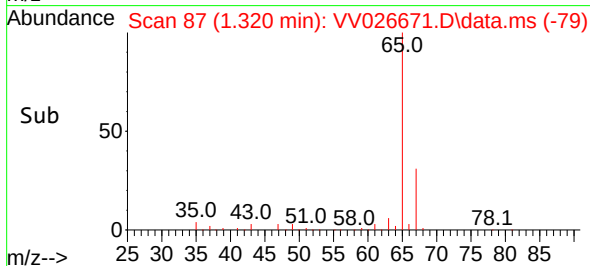
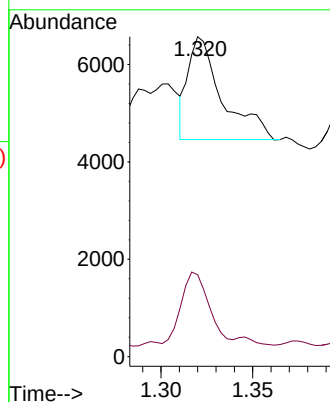
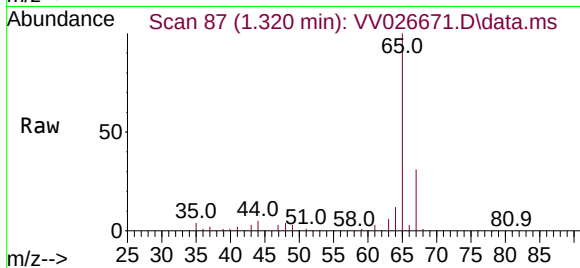
C0AN2

Tgt Ion: 64 Resp: 2739

Ion Ratio Lower Upper

64 100

66 25.6 20.0 37.2



#14

Carbon disulfide

Concen: 0.310 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.003 min

Lab File: VV026671.D

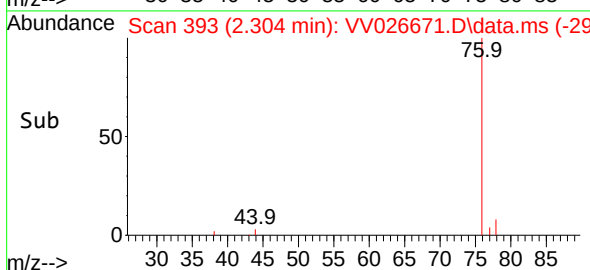
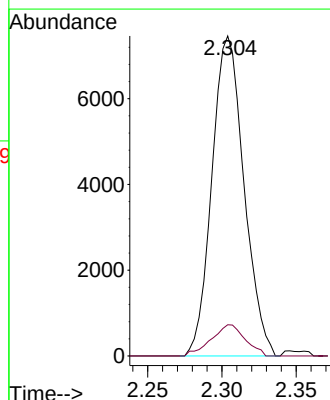
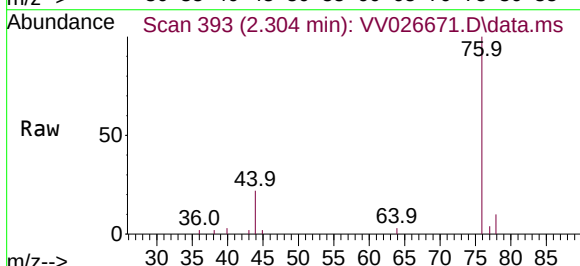
Acq: 07 Jul 2022 11:37

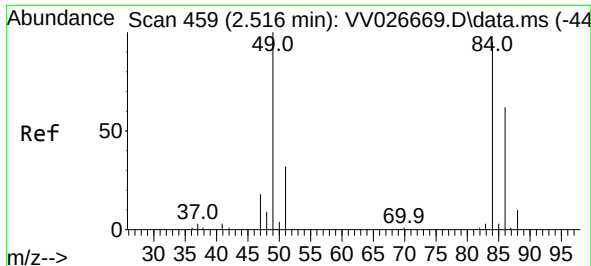
Tgt Ion: 76 Resp: 11209

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.6

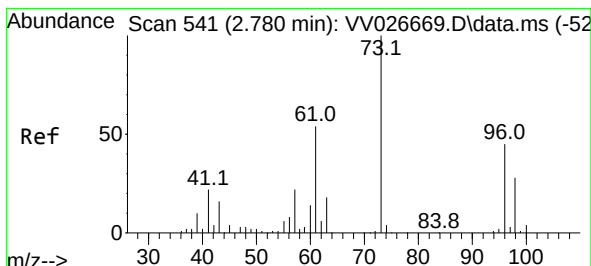
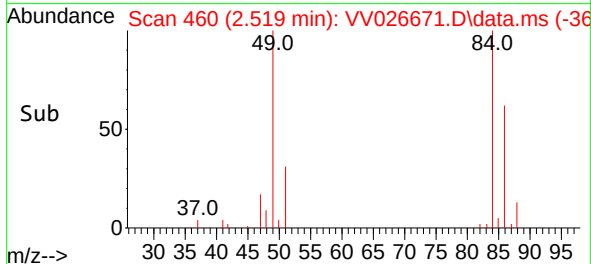
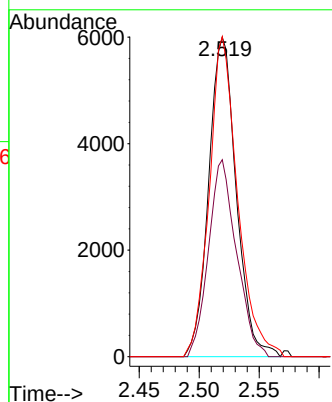
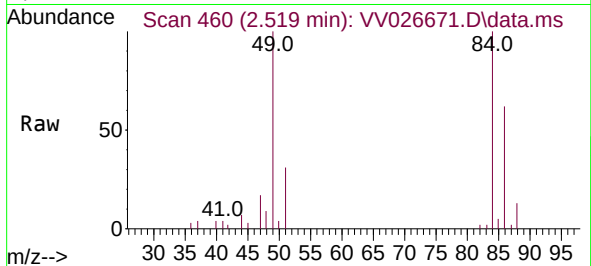




#16
Methylene chloride
Concen: 0.659 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026671.D
Acq: 07 Jul 2022 11:37

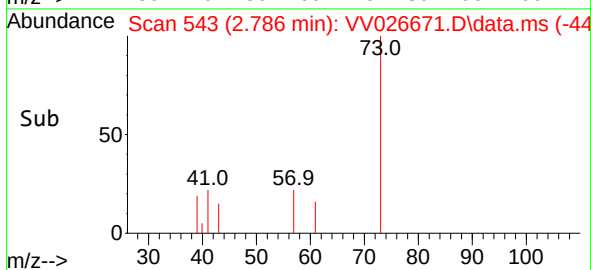
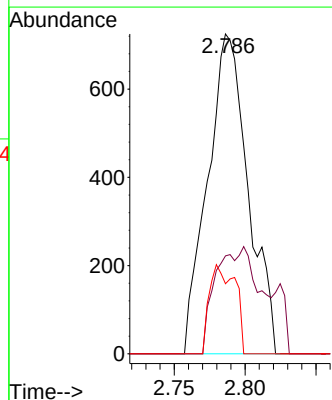
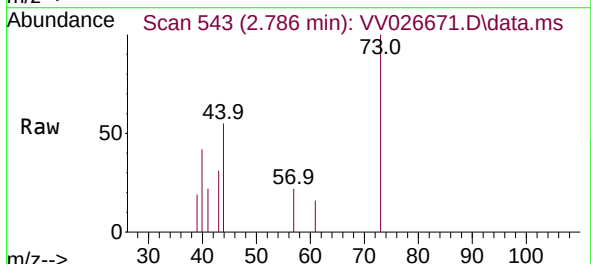
Instrument :
MSVOA_V
ClientSampleId :
COAN2

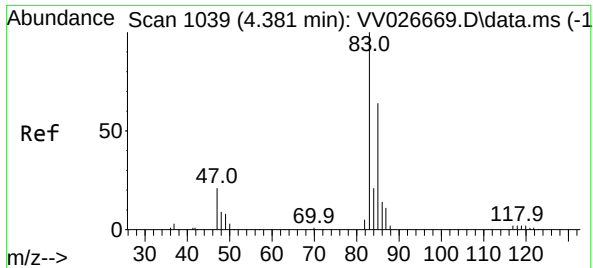
Tgt Ion: 84 Resp: 9567
Ion Ratio Lower Upper
84 100
86 61.6 46.0 85.4
49 100.2 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.065 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.006 min
Lab File: VV026671.D
Acq: 07 Jul 2022 11:37

Tgt Ion: 73 Resp: 1441
Ion Ratio Lower Upper
73 100
43 17.4 13.3 19.9
57 17.6 17.2 25.8





#25

Chloroform

Concen: 4.011 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV026671.D

Acq: 07 Jul 2022 11:37

Instrument :

MSVOA_V

ClientSampleId :

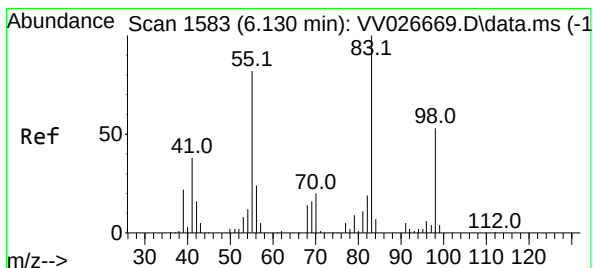
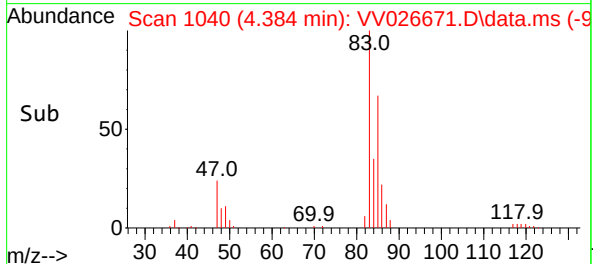
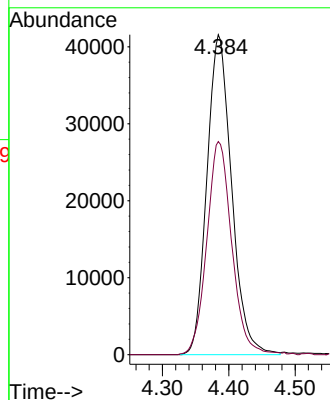
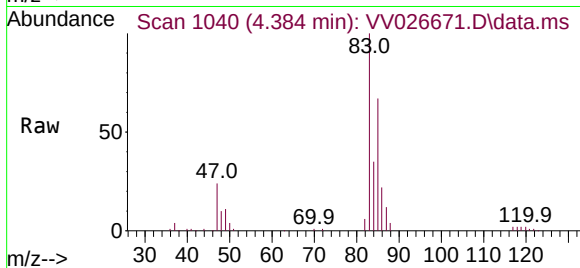
COAN2

Tgt Ion: 83 Resp: 107565

Ion Ratio Lower Upper

83 100

85 66.6 44.0 81.8



#35

Methylcyclohexane

Concen: 0.690 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV026671.D

Acq: 07 Jul 2022 11:37

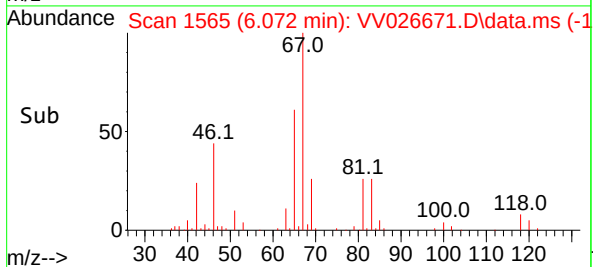
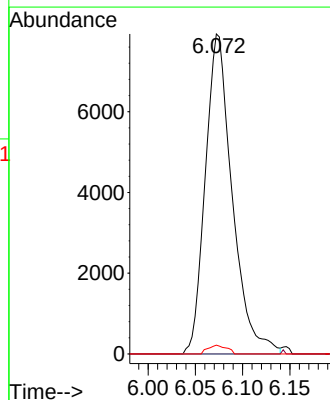
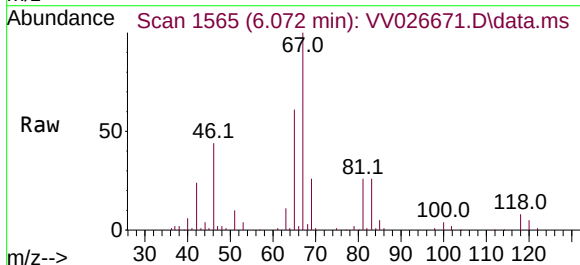
Tgt Ion: 83 Resp: 15719

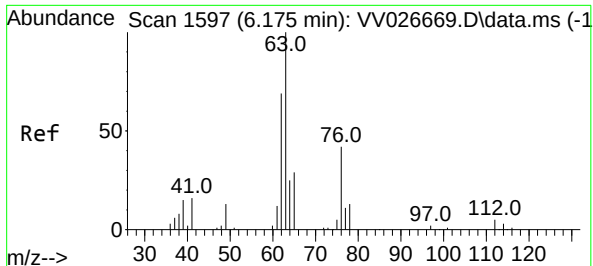
Ion Ratio Lower Upper

83 100

55 0.1 57.0 85.4#

98 1.9 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.470 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026671.D

Acq: 07 Jul 2022 11:37

Instrument :

MSVOA_V

ClientSampleId :

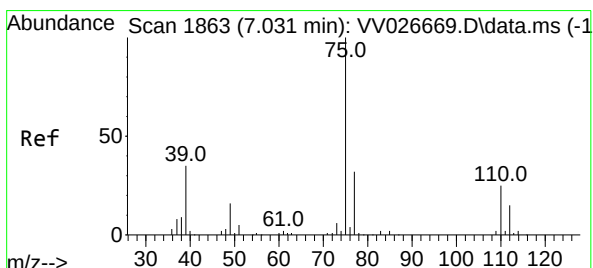
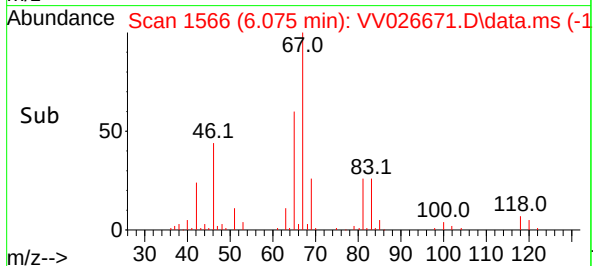
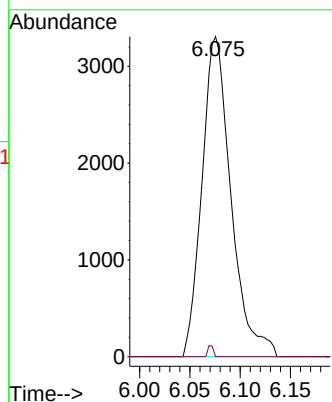
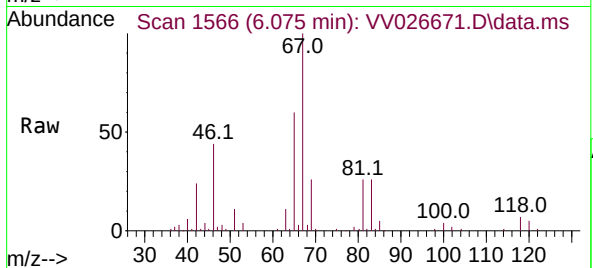
COAN2

Tgt Ion: 63 Resp: 6639

Ion Ratio Lower Upper

63 100

112 0.6 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026671.D

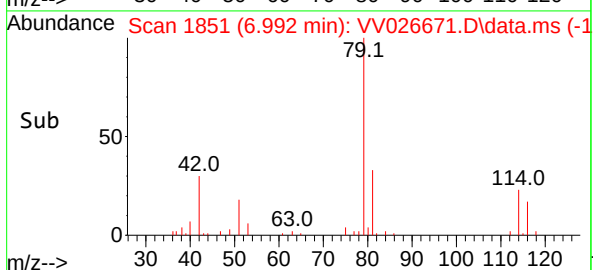
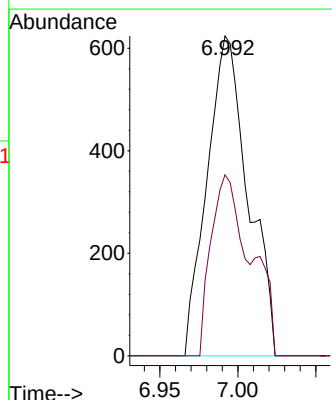
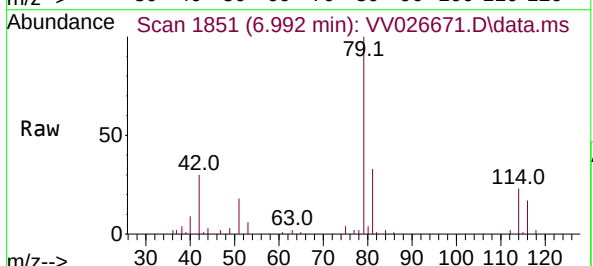
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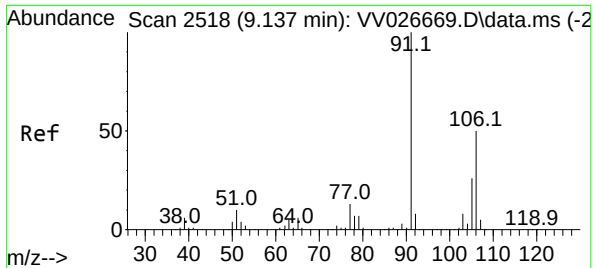
Tgt Ion: 75 Resp: 1141

Ion Ratio Lower Upper

75 100

77 56.6 22.8 42.4#

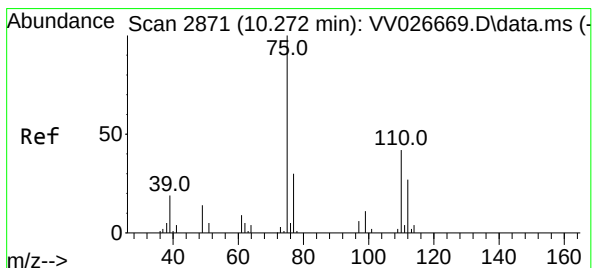
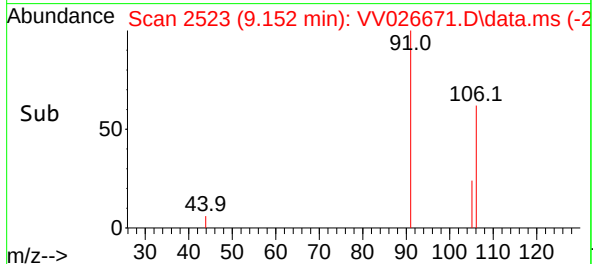
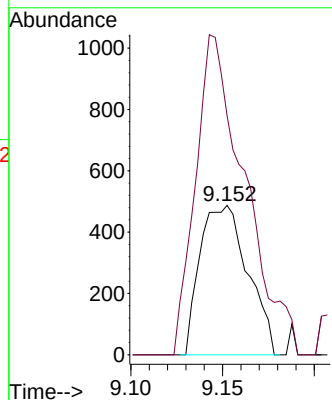
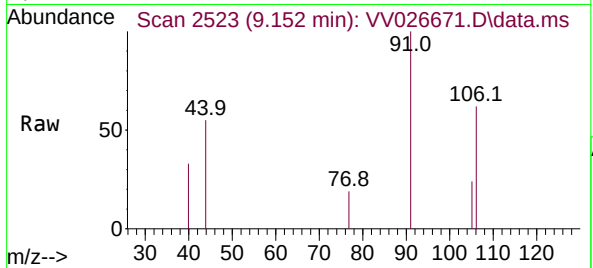




#53
 m,p-Xylene
 Concen: 0.036 ug/L
 RT: 9.152 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VV026671.D
 Acq: 07 Jul 2022 11:37

Instrument :
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 COAN2

Tgt Ion:106 Resp: 881
 Ion Ratio Lower Upper
 106 100
 91 160.2 139.9 259.9



#61
 1,2,3-Trichloropropane
 Concen: 1.630 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026671.D
 Acq: 07 Jul 2022 11:37

Tgt Ion: 75 Resp: 8622
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.6
 110 2.3 32.5 48.7#

