

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070722\
 Data File : VV026674.D
 Acq On : 07 Jul 2022 13:29
 Operator : SY/MD
 Sample : N3598-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN8

Quant Time: Jul 08 03:00:43 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)

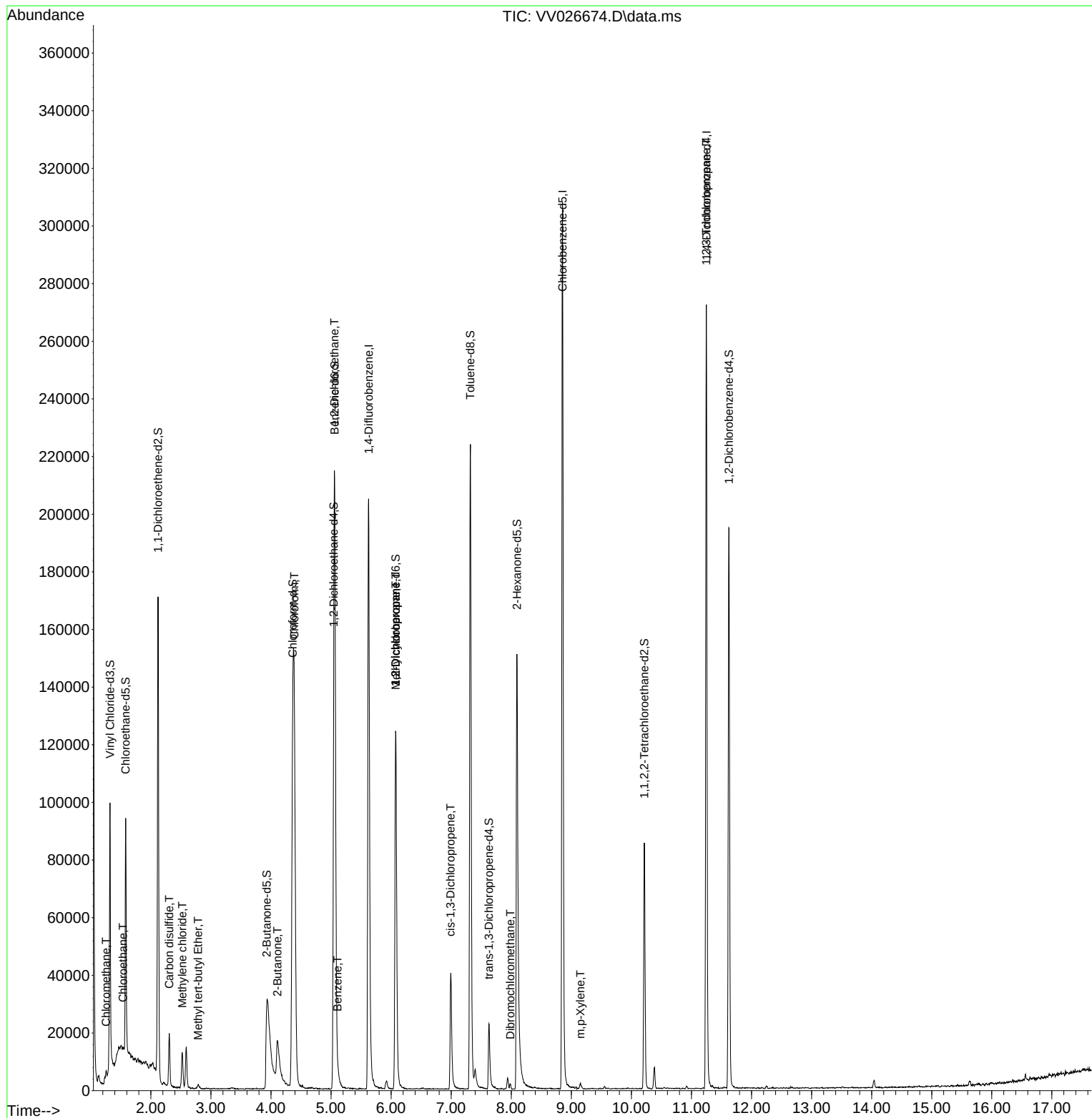
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	187929	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	183875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	59943	3.966	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.581	69	54136	4.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.121	63	86526	3.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.931	46	74062	49.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	4.362	84	118304	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.043	65	43914	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.060	84	207142	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.076	67	64696	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.320	98	160302	3.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.629	79	14064	3.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.095	63	53501	37.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42655	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	54613	4.508	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
3) Chloromethane	1.253	50	2404	0.154	ug/L	100
8) Chloroethane	1.536	64	1143	0.101	ug/L #	56
14) Carbon disulfide	2.307	76	21524	0.643	ug/L #	94
16) Methylene chloride	2.523	84	5753	0.427	ug/L	93
17) Methyl tert-butyl Ether	2.786	73	1306	0.063	ug/L #	81
21) 2-Butanone	4.108	43	29593	20.636	ug/L #	48
25) Chloroform	4.388	83	116543	4.685	ug/L	97
27) 1,2-Dichloroethane	5.056	62	1082	0.098	ug/L #	72
33) Benzene	5.108	78	2484	0.046	ug/L	100
35) Methylcyclohexane	6.079	83	16389	0.785	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	6844	0.529	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	972	0.075	ug/L #	77
49) Dibromochloromethane	7.985	129	400	0.048	ug/L #	11
53) m,p-Xylene	9.153	106	929	0.042	ug/L #	55
61) 1,2,3-Trichloropropane	11.246	75	7876	1.661	ug/L #	65

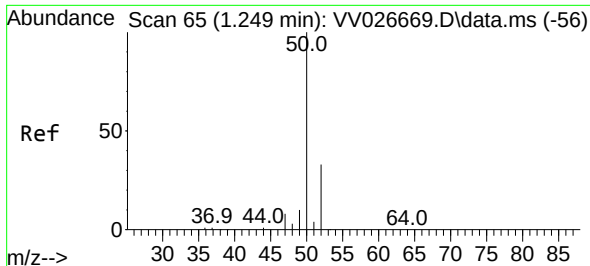
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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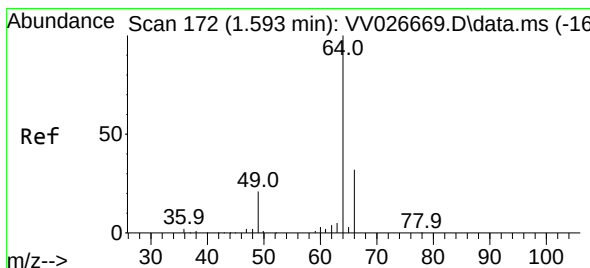
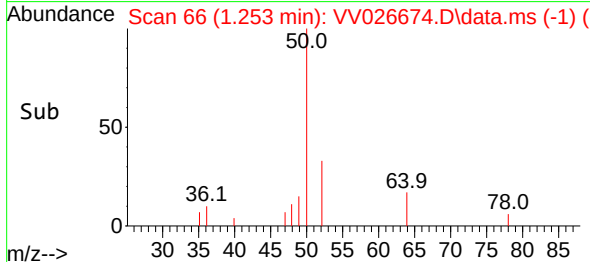
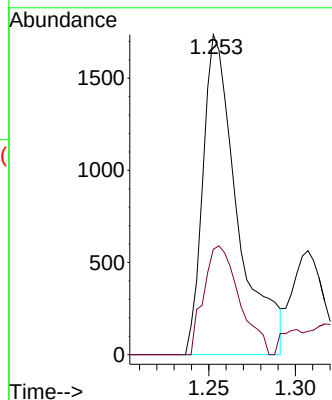
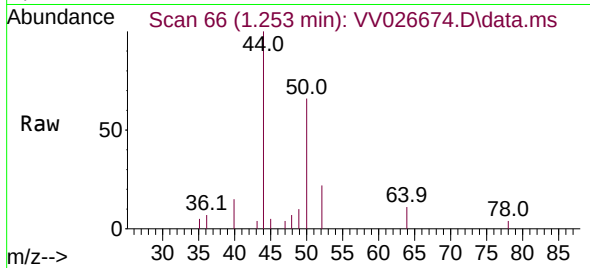




#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV026674.D
Acq: 07 Jul 2022 13:29

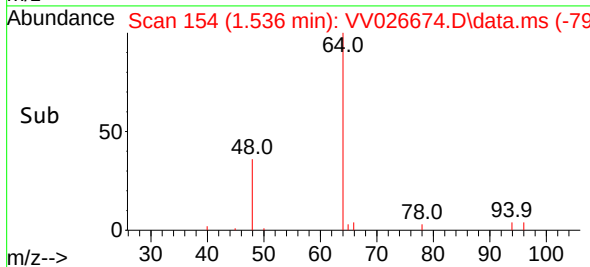
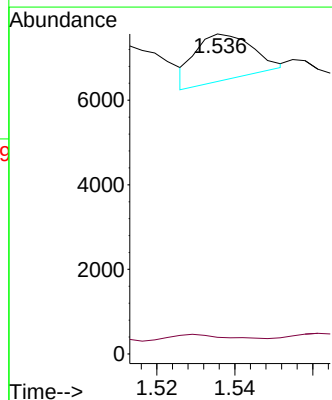
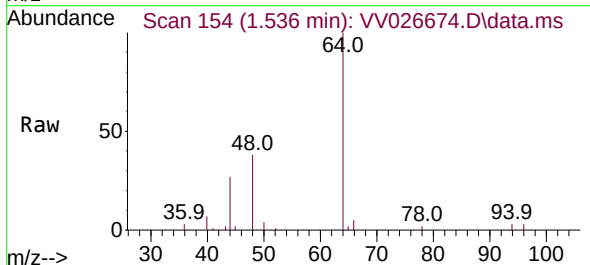
Instrument :
MSVOA_V
ClientSampleId :
COAN8

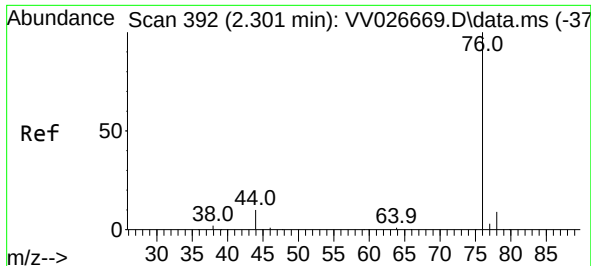
Tgt Ion: 50 Resp: 2404
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.6



#8
Chloroethane
Concen: 0.101 ug/L
RT: 1.536 min Scan# 154
Delta R.T. -0.058 min
Lab File: VV026674.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 64 Resp: 1143
Ion Ratio Lower Upper
64 100
66 5.2 20.0 37.2#

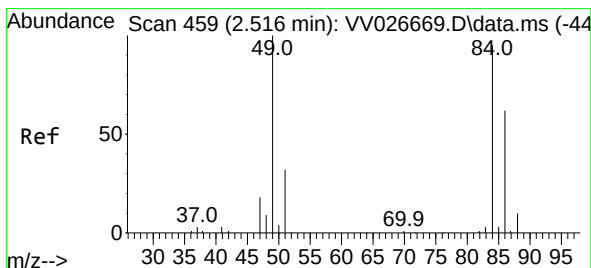
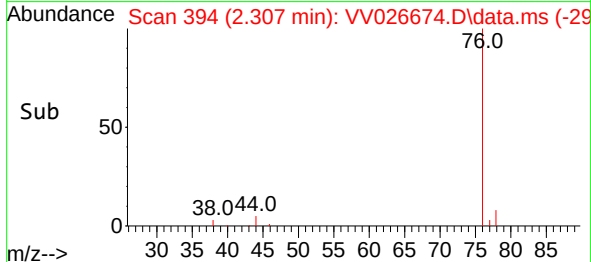
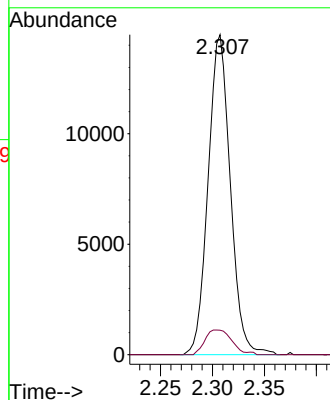
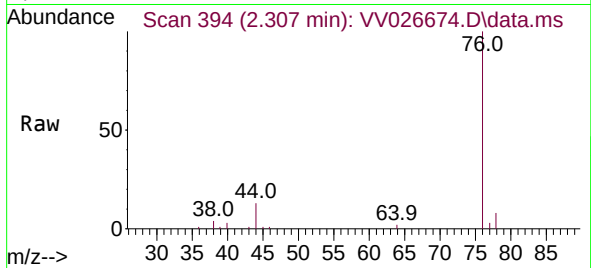




#14
Carbon disulfide
Concen: 0.643 ug/L
RT: 2.307 min Scan# 392
Delta R.T. 0.006 min
Lab File: VV026674.D
Acq: 07 Jul 2022 13:29

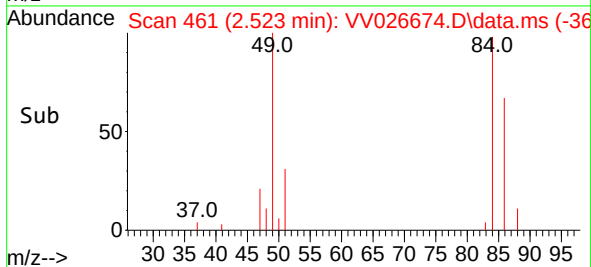
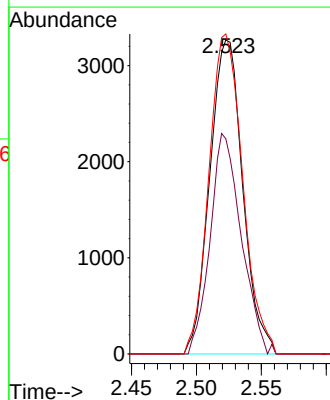
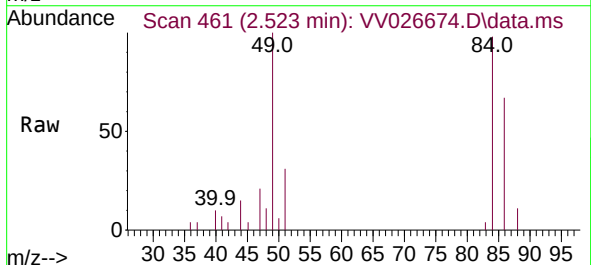
Instrument :
MSVOA_V
ClientSampleId :
COAN8

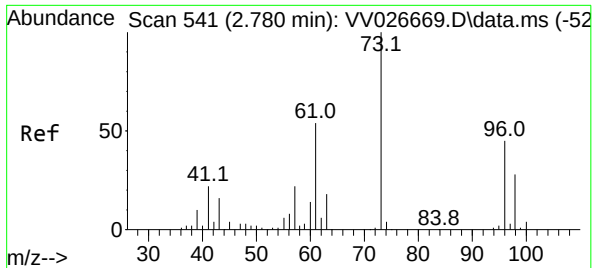
Tgt Ion: 76 Resp: 21524
Ion Ratio Lower Upper
76 100
78 7.7 7.8 11.6#



#16
Methylene chloride
Concen: 0.427 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.006 min
Lab File: VV026674.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 84 Resp: 5753
Ion Ratio Lower Upper
84 100
86 68.5 46.0 85.4
49 101.9 77.7 144.3

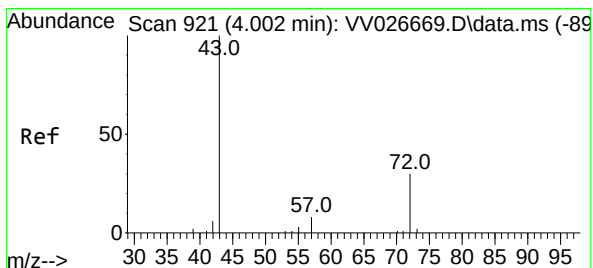
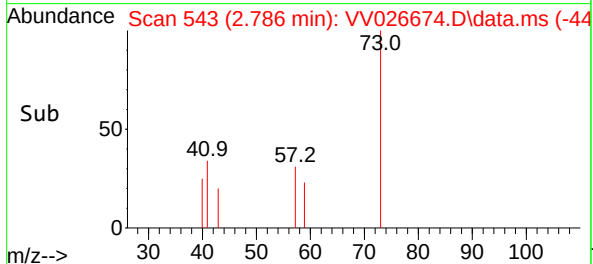
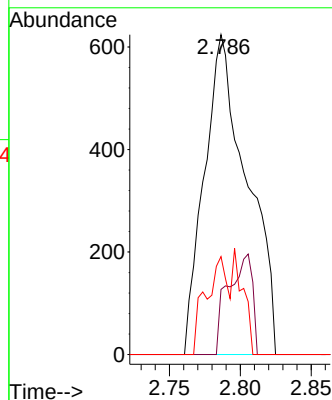
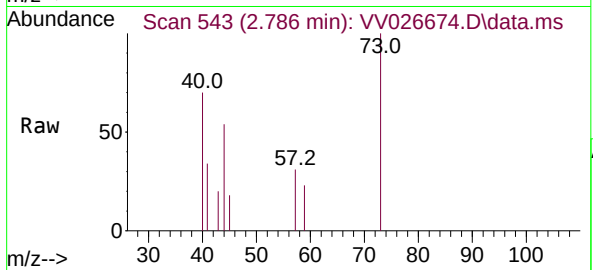




#17
Methyl tert-butyl Ether
Concen: 0.063 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026674.D
Acq: 07 Jul 2022 13:29

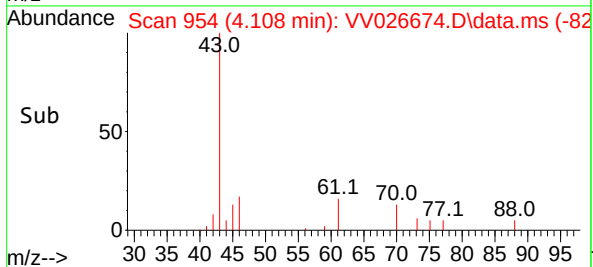
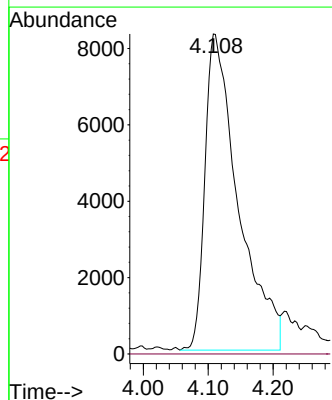
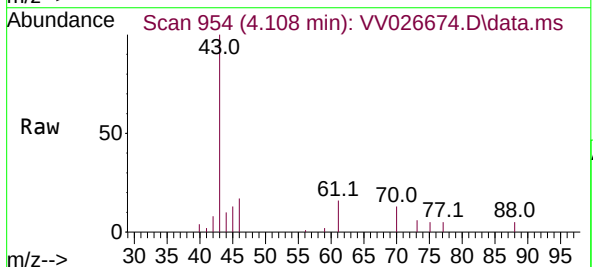
Instrument :
MSVOA_V
ClientSampleId :
COAN8

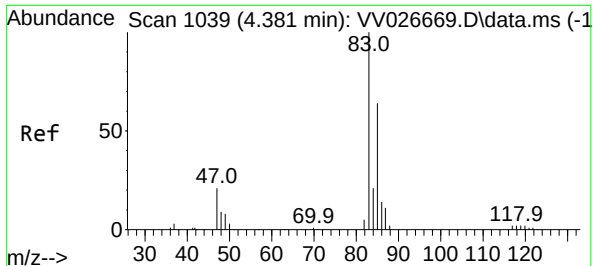
Tgt Ion: 73 Resp: 1306
Ion Ratio Lower Upper
73 100
43 4.9 13.3 19.9#
57 15.9 17.2 25.8#



#21
2-Butanone
Concen: 20.636 ug/L
RT: 4.108 min Scan# 954
Delta R.T. 0.106 min
Lab File: VV026674.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 43 Resp: 29593
Ion Ratio Lower Upper
43 100
72 0.0 13.5 40.5#





#25

Chloroform

Concen: 4.685 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VV026674.D

Acq: 07 Jul 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

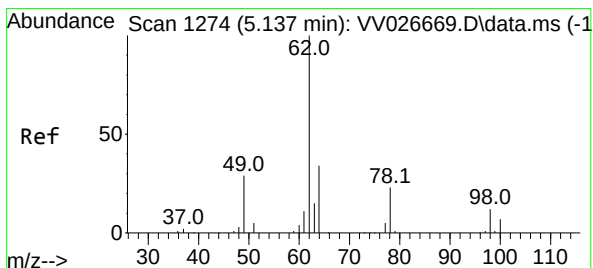
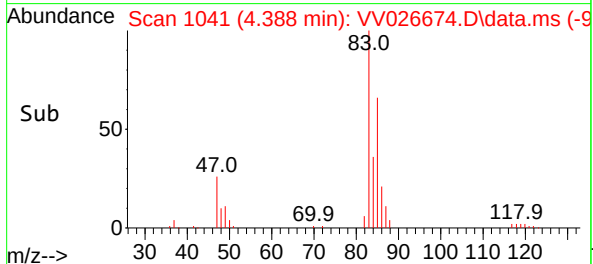
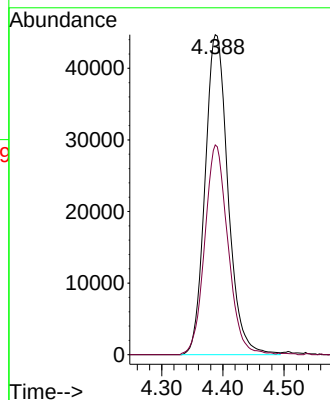
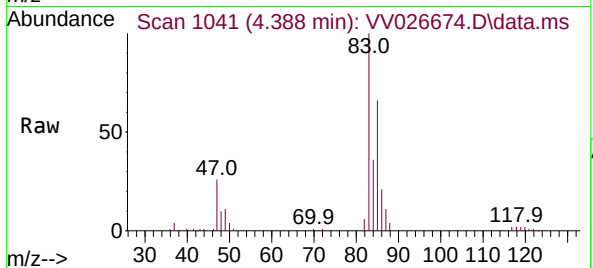
COAN8

Tgt Ion: 83 Resp: 116543

Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.080 min

Lab File: VV026674.D

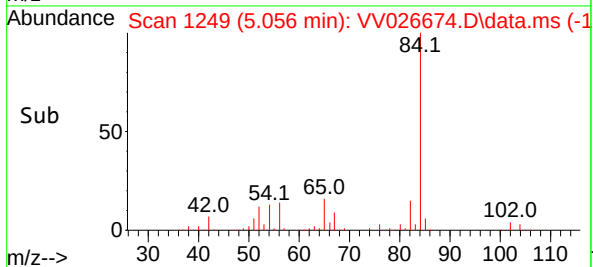
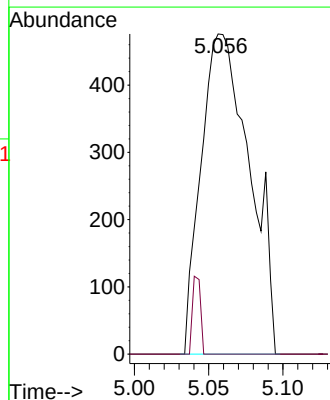
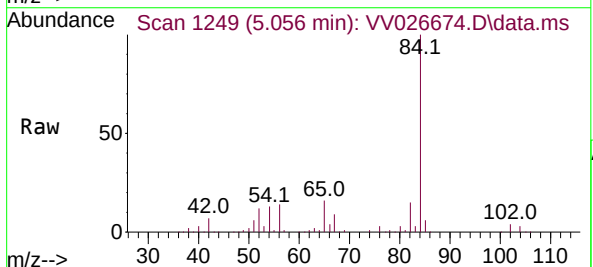
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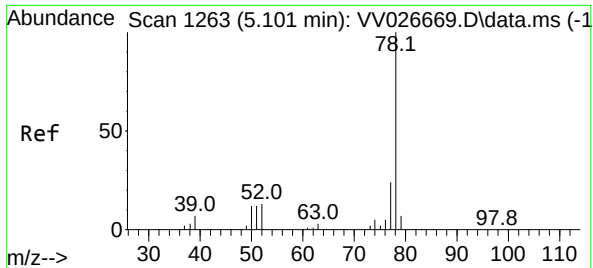
Tgt Ion: 62 Resp: 1082

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#

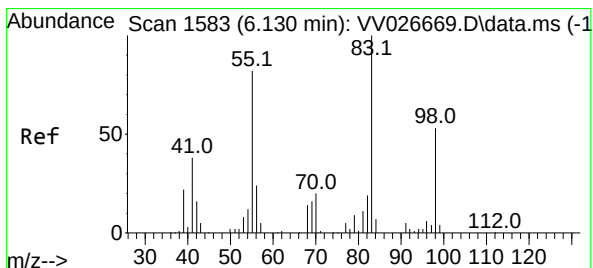
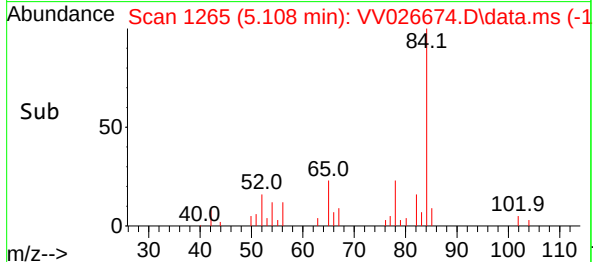
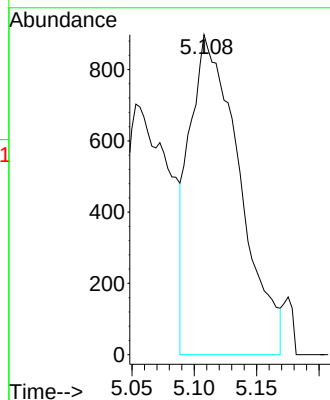
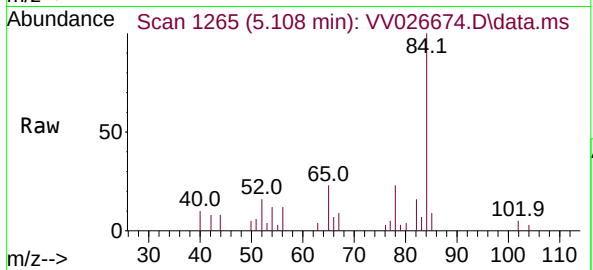




#33
Benzene
Concen: 0.046 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026674.D
Acq: 07 Jul 2022 13:29

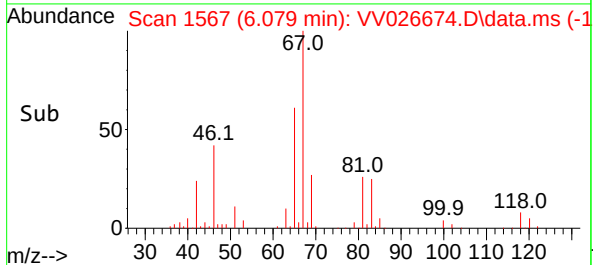
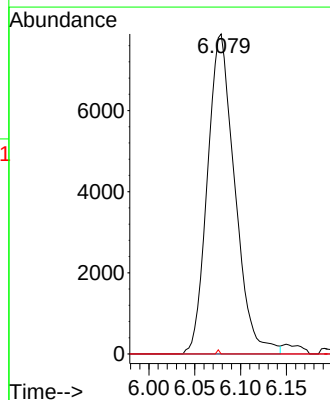
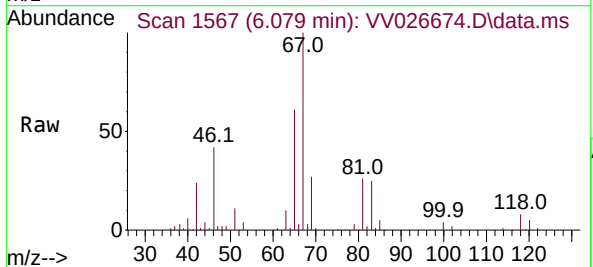
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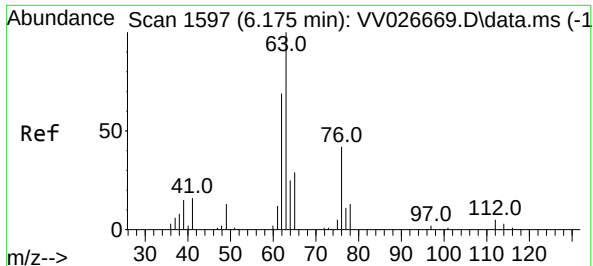
Tgt Ion: 78 Resp: 2484



#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.051 min
Lab File: VV026674.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 83 Resp: 16389
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.1 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026674.D

Acq: 07 Jul 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

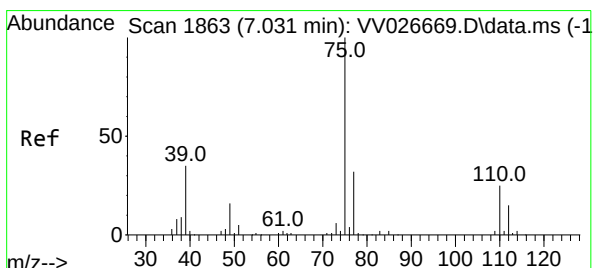
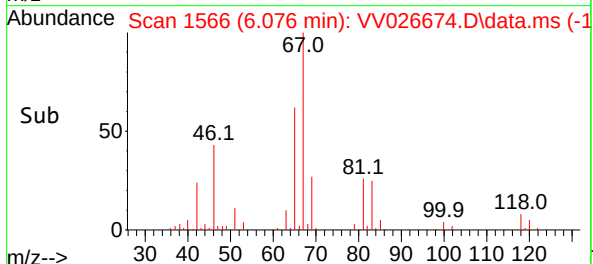
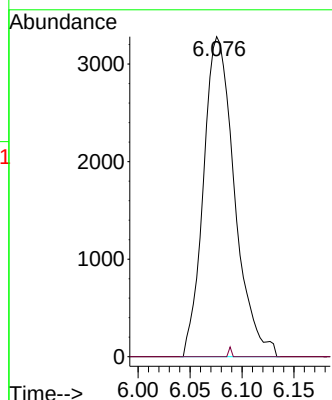
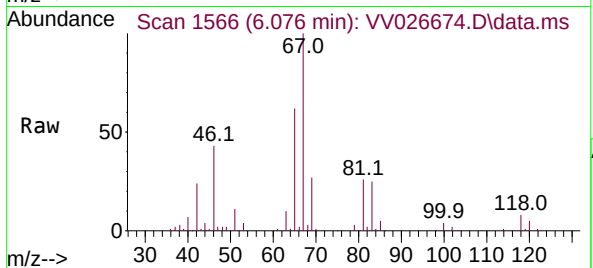
COAN8

Tgt Ion: 63 Resp: 6844

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026674.D

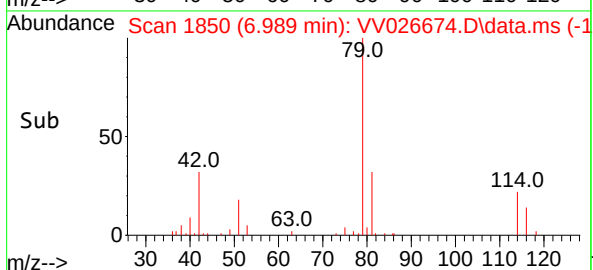
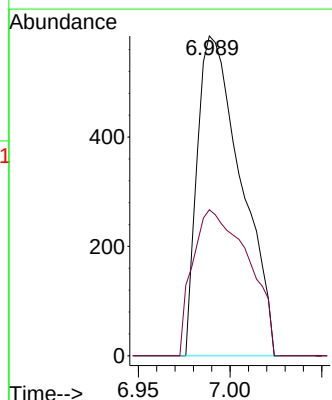
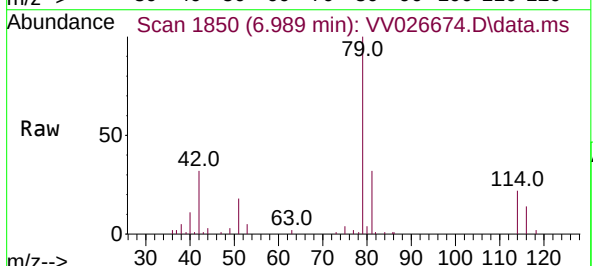
Acq: 07 Jul 2022 13:29

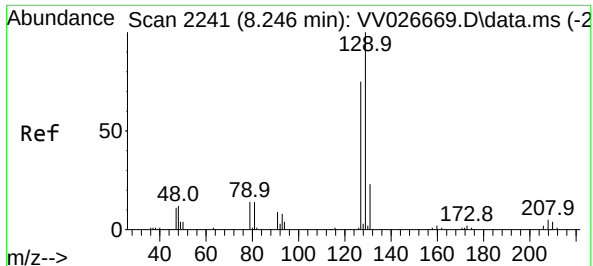
Tgt Ion: 75 Resp: 972

Ion Ratio Lower Upper

75 100

77 45.6 22.8 42.4#





#49

Dibromochloromethane

Concen: 0.048 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.260 min

Lab File: VV026674.D

Acq: 07 Jul 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

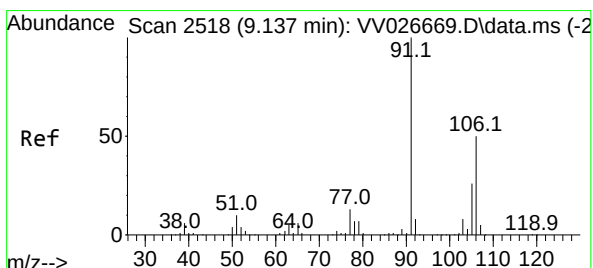
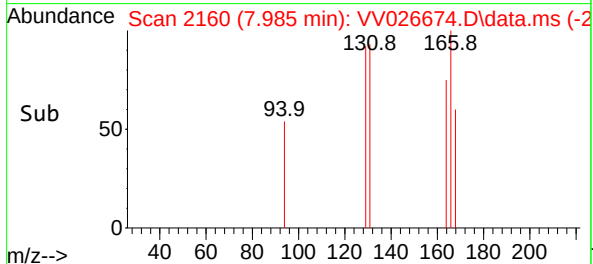
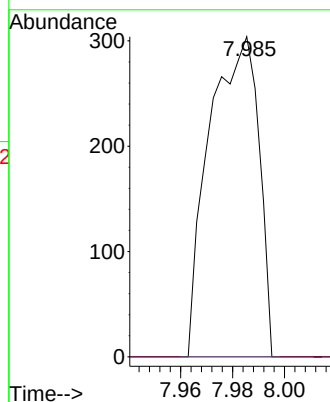
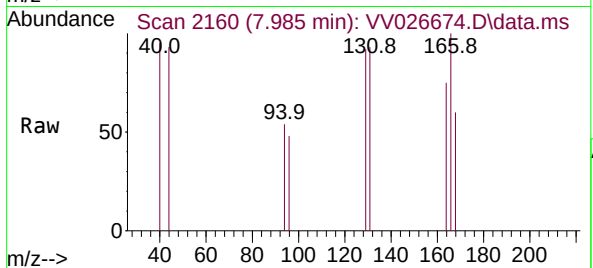
COAN8

Tgt Ion:129 Resp: 400

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#53

m,p-Xylene

Concen: 0.042 ug/L

RT: 9.153 min Scan# 2523

Delta R.T. 0.016 min

Lab File: VV026674.D

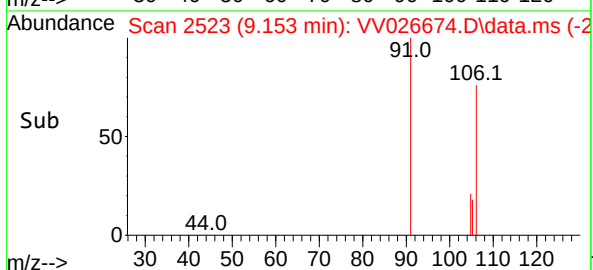
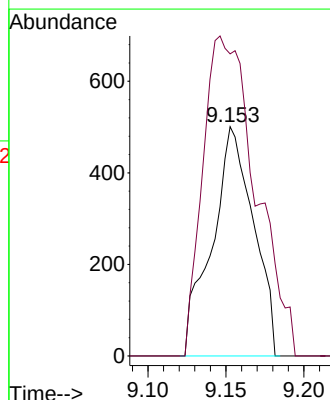
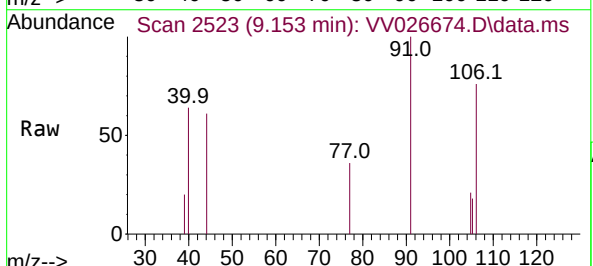
Acq: 07 Jul 2022 13:29

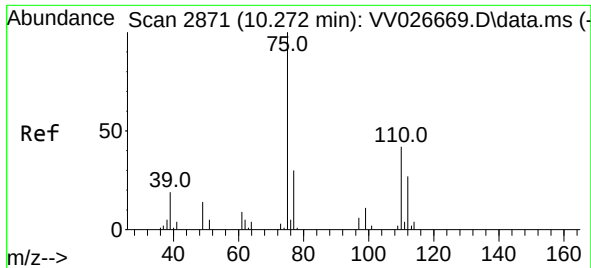
Tgt Ion:106 Resp: 929

Ion Ratio Lower Upper

106 100

91 131.7 139.9 259.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.661 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026674.D
 Acq: 07 Jul 2022 13:29

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN8

Tgt Ion: 75 Resp: 7876
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.6
 110 1.9 32.5 48.7#

