

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070622\
 Data File : VV026662.D
 Acq On : 06 Jul 2022 12:53
 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 07 01:17:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

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

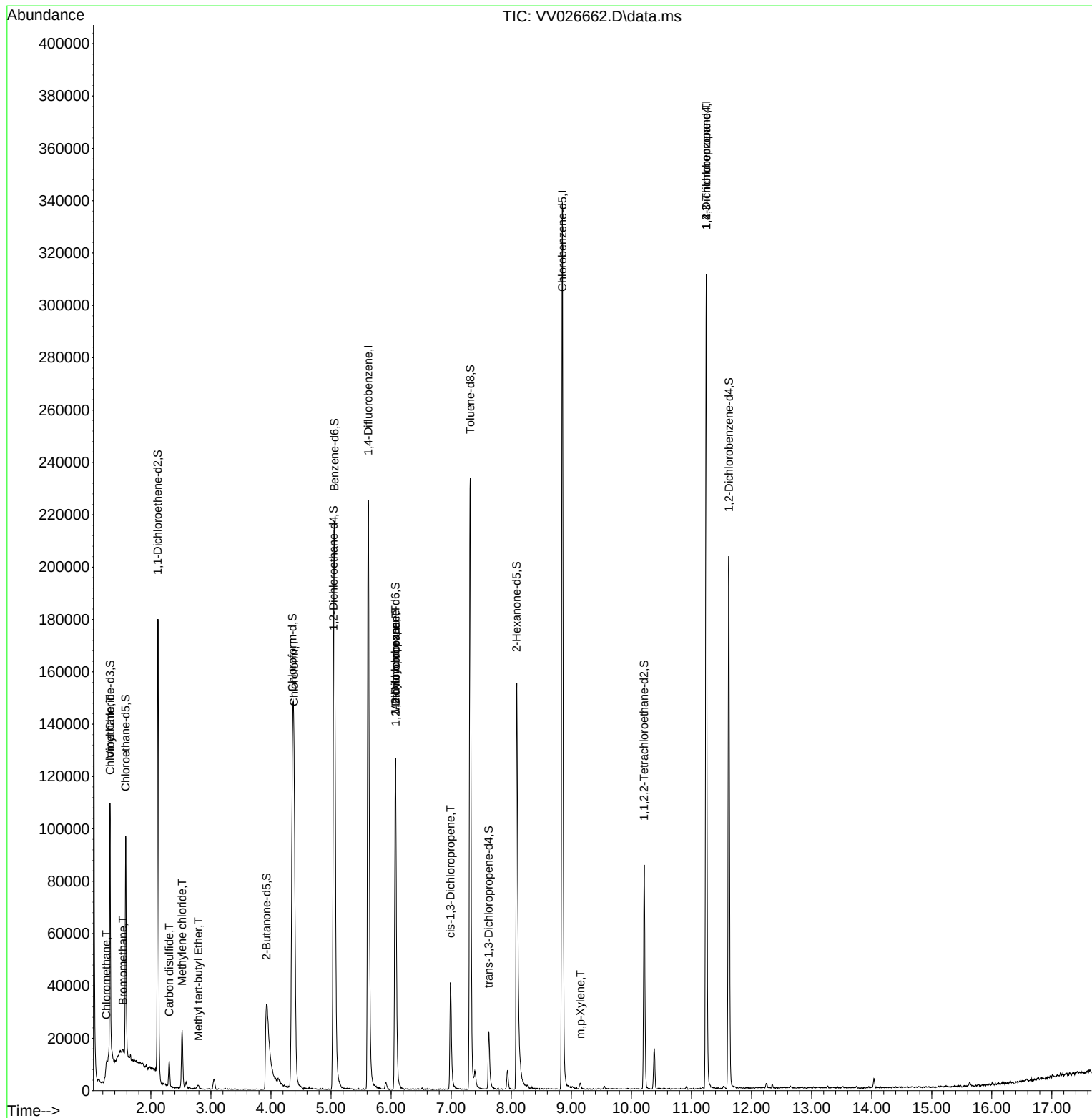
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	208026	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	202254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	66724	3.988	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.581	69	56453	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.118	63	92123	3.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.925	46	74990	45.086	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.180%
24) Chloroform-d	4.359	84	118419	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.040	65	45120	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.056	84	212413	3.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.072	67	63835	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.317	98	166765	3.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	7.625	79	14562	3.526	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.088	63	52898	33.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42200	4.038	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	56126	3.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	983	0.057	ug/L	86
6) Bromomethane	1.536	94	826	0.083	ug/L	99
8) Chloroethane	1.323	64	1995	0.159	ug/L	97
14) Carbon disulfide	2.304	76	11157	0.301	ug/L	99
16) Methylene chloride	2.519	84	10137	0.680	ug/L	94
17) Methyl tert-butyl Ether	2.790	73	1372	0.060	ug/L #	87
25) Chloroform	4.384	83	109572	3.979	ug/L	98
35) Methylcyclohexane	6.072	83	15589	0.679	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	6427	0.452	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1212	0.085	ug/L #	72
53) m,p-Xylene	9.149	106	1159	0.047	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	9399	1.710	ug/L #	63

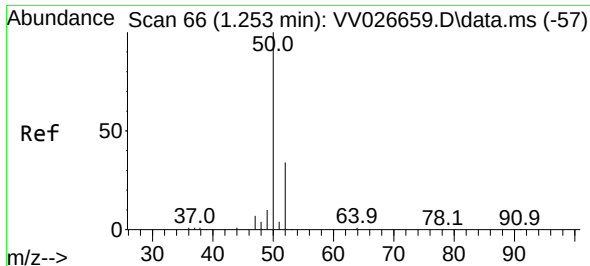
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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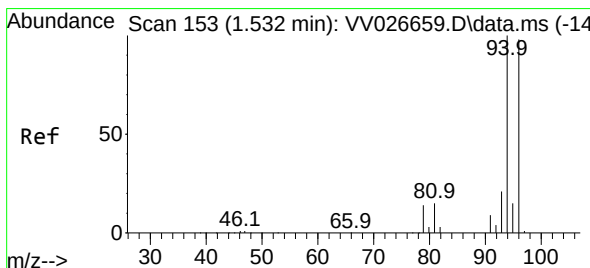
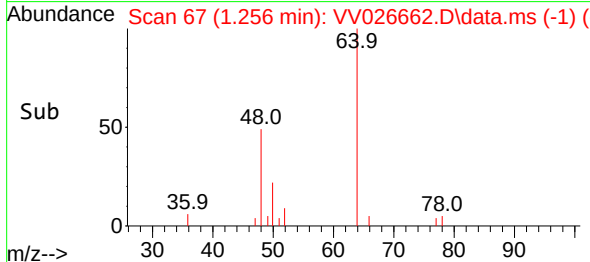
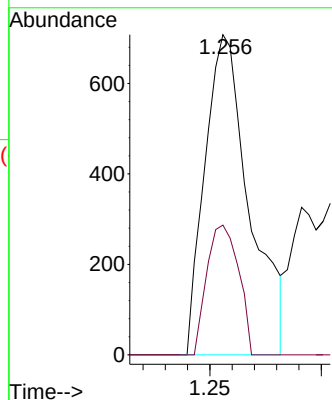
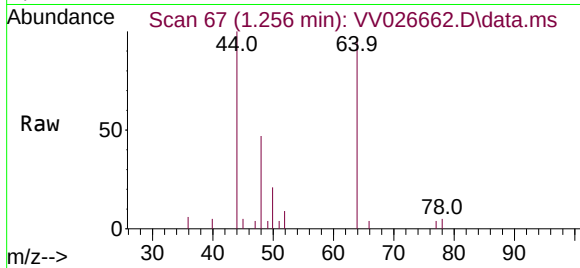




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026662.D
Acq: 06 Jul 2022 12:53

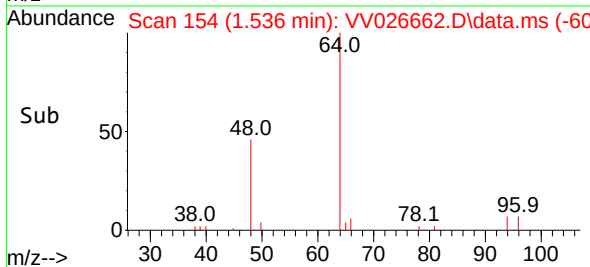
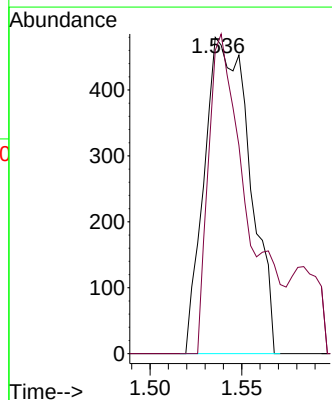
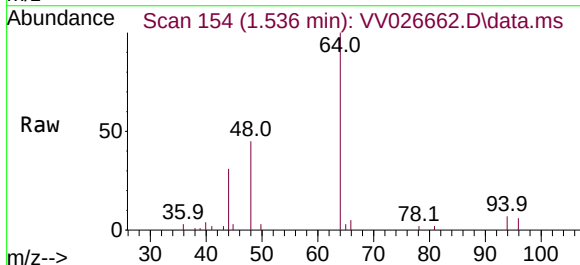
Instrument :
MSVOA_V
ClientSampleId :
C0AN2

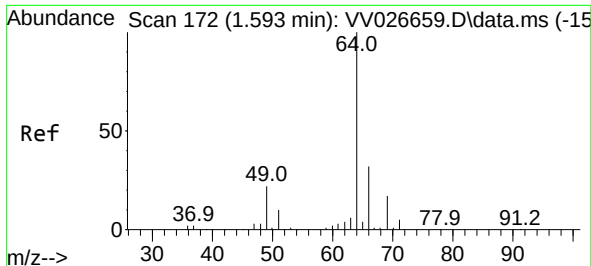
Tgt Ion: 50 Resp: 983
Ion Ratio Lower Upper
50 100
52 40.5 23.0 42.6



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV026662.D
Acq: 06 Jul 2022 12:53

Tgt Ion: 94 Resp: 826
Ion Ratio Lower Upper
94 100
96 95.8 68.0 126.2

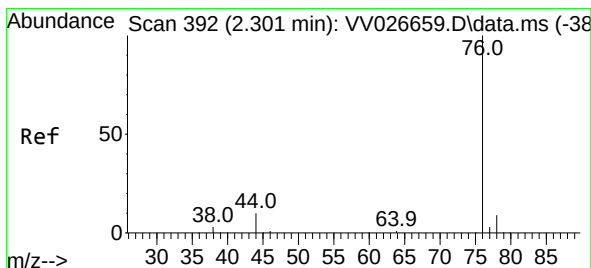
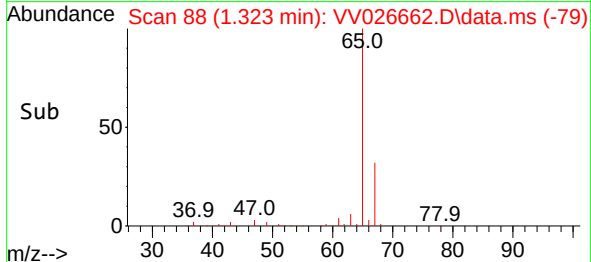
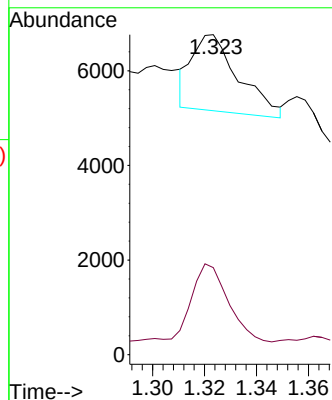
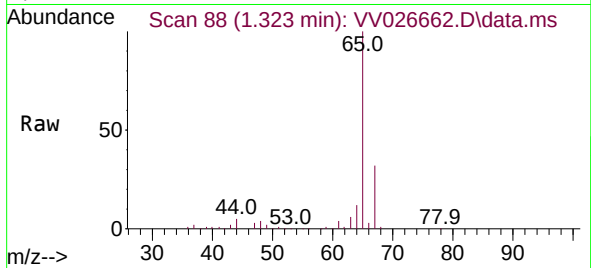




#8
Chloroethane
Concen: 0.159 ug/L
RT: 1.323 min Scan# 81
Delta R.T. -0.270 min
Lab File: VV026662.D
Acq: 06 Jul 2022 12:53

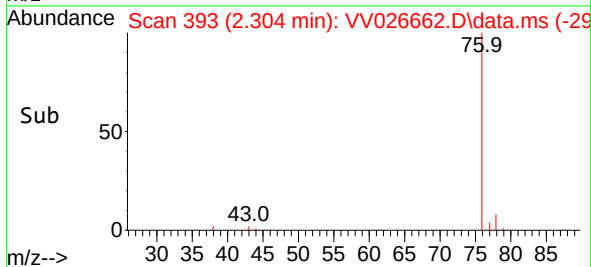
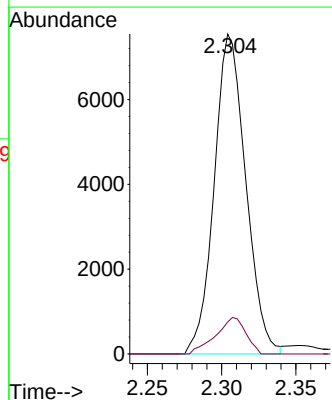
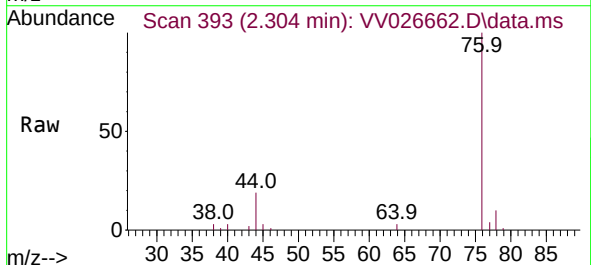
Instrument :
MSVOA_V
ClientSampleId :
C0AN2

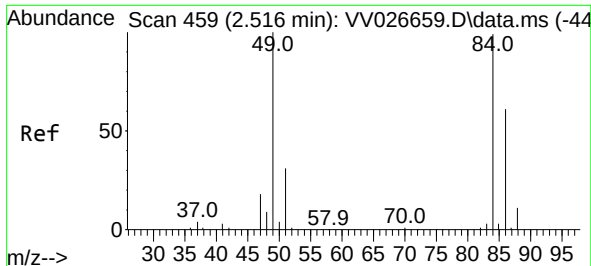
Tgt Ion: 64 Resp: 1995
Ion Ratio Lower Upper
64 100
66 27.2 20.0 37.2



#14
Carbon disulfide
Concen: 0.301 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026662.D
Acq: 06 Jul 2022 12:53

Tgt Ion: 76 Resp: 11157
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.6

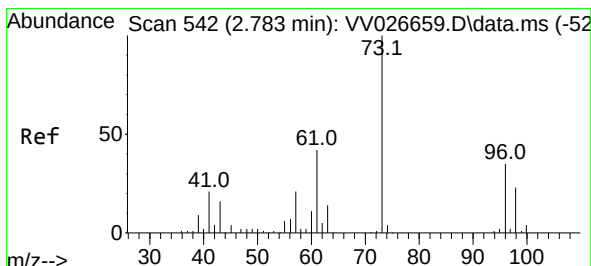
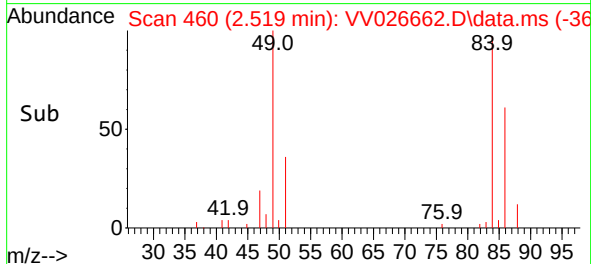
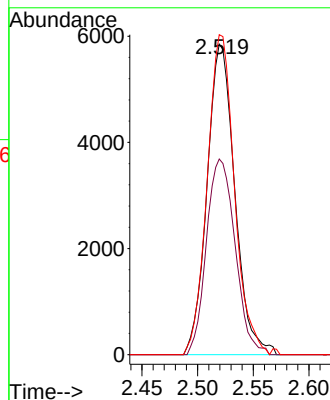
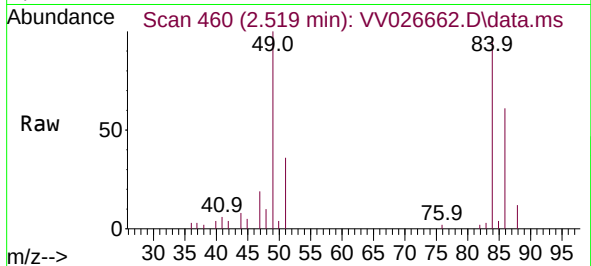




#16
Methylene chloride
Concen: 0.680 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026662.D
Acq: 06 Jul 2022 12:53

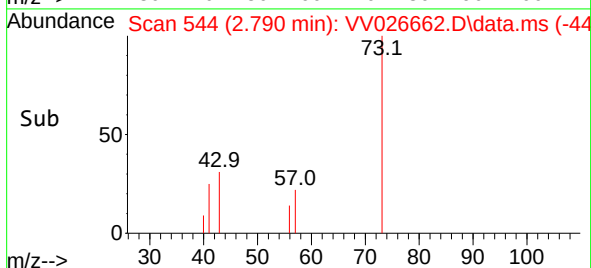
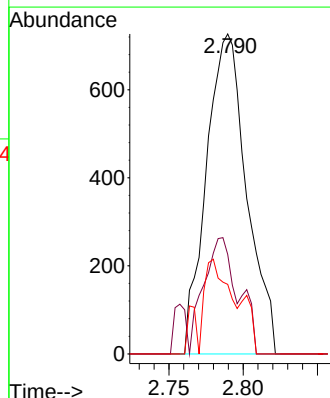
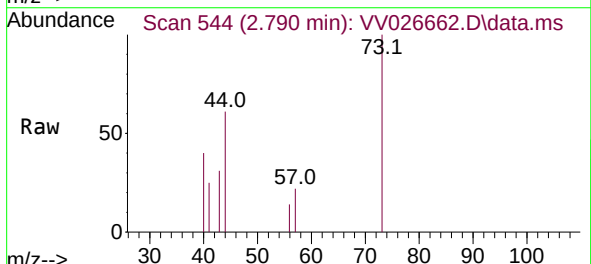
Instrument :
MSVOA_V
ClientSampleId :
C0AN2

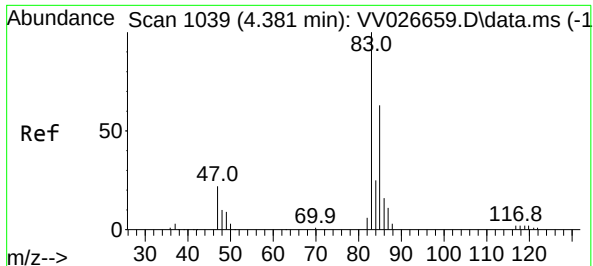
Tgt Ion: 84 Resp: 10137
Ion Ratio Lower Upper
84 100
86 63.0 46.0 85.4
49 103.1 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.060 ug/L
RT: 2.790 min Scan# 544
Delta R.T. 0.006 min
Lab File: VV026662.D
Acq: 06 Jul 2022 12:53

Tgt Ion: 73 Resp: 1372
Ion Ratio Lower Upper
73 100
43 25.7 13.3 19.9#
57 18.1 17.2 25.8





#25

Chloroform

Concen: 3.979 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV026662.D

Acq: 06 Jul 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

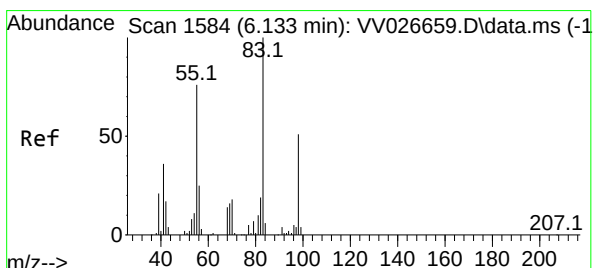
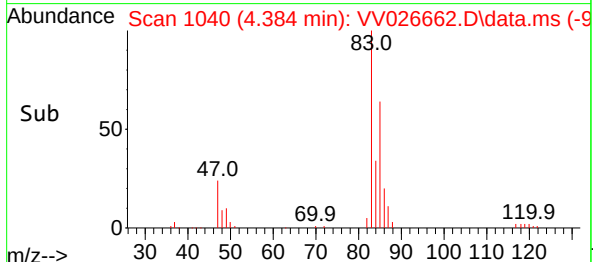
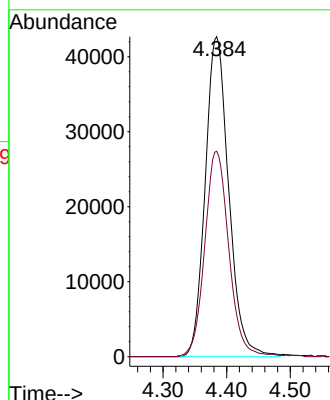
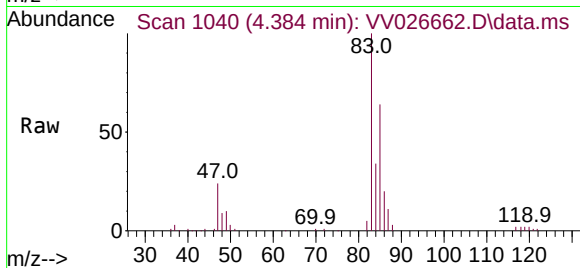
COAN2

Tgt Ion: 83 Resp: 109572

Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8



#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026662.D

Acq: 06 Jul 2022 12:53

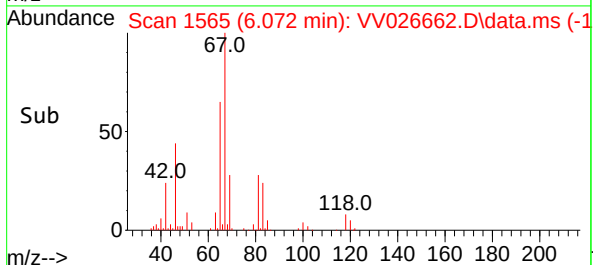
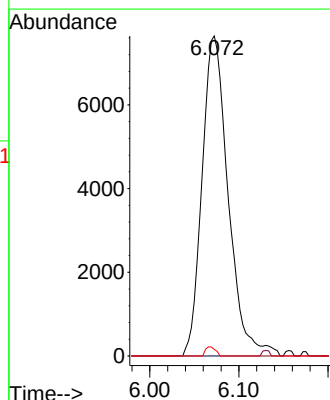
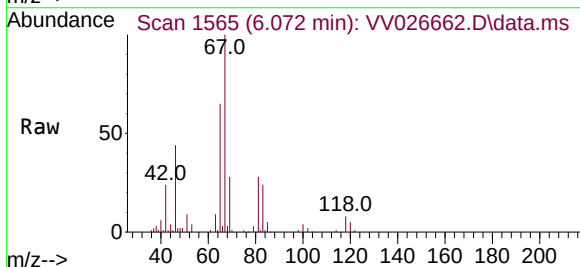
Tgt Ion: 83 Resp: 15589

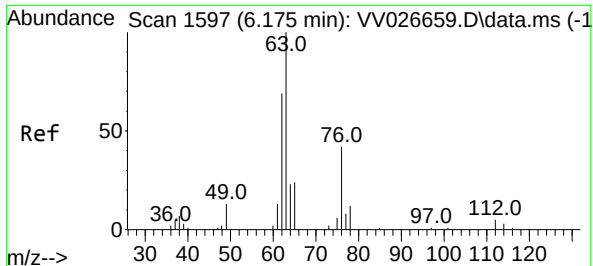
Ion Ratio Lower Upper

83 100

55 0.5 57.0 85.4#

98 1.1 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.452 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV026662.D

Acq: 06 Jul 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

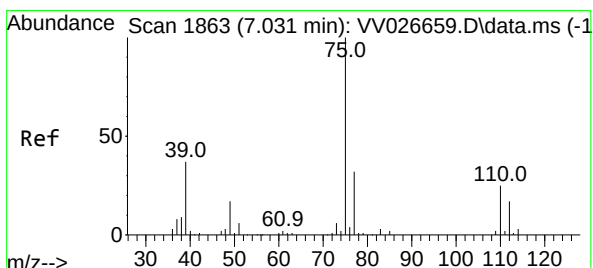
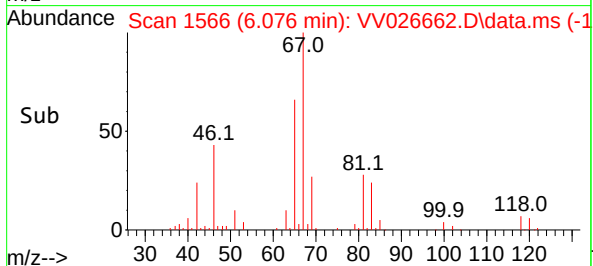
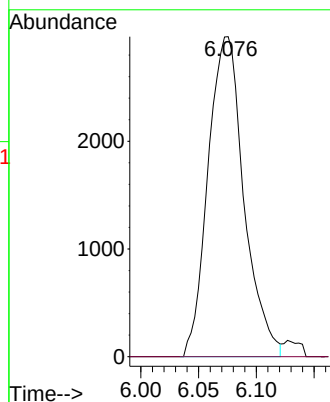
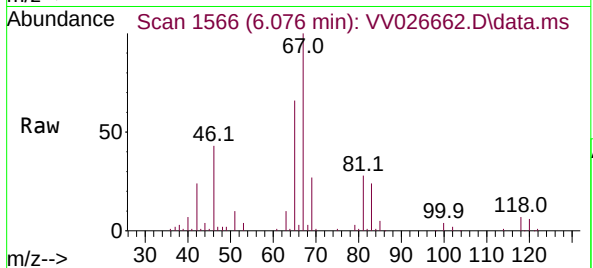
C0AN2

Tgt Ion: 63 Resp: 6427

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026662.D

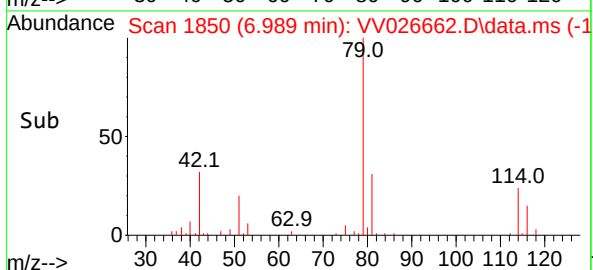
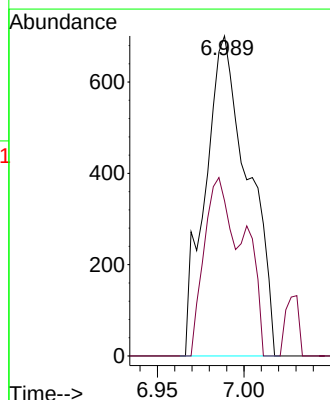
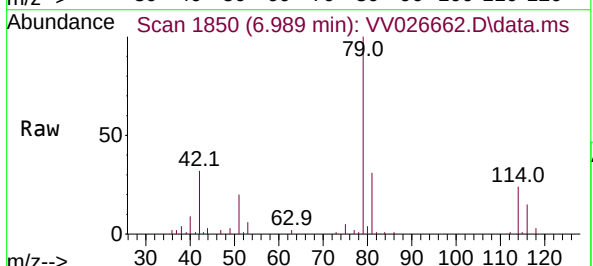
Acq: 06 Jul 2022 12:53

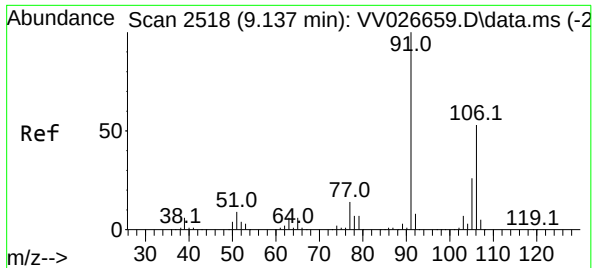
Tgt Ion: 75 Resp: 1212

Ion Ratio Lower Upper

75 100

77 48.5 22.8 42.4#

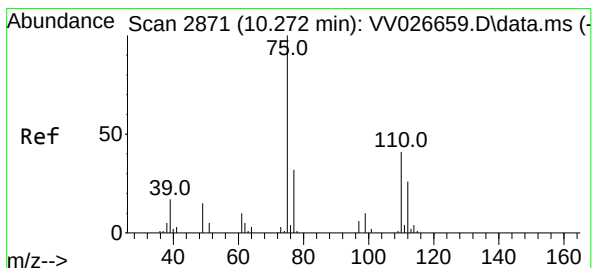
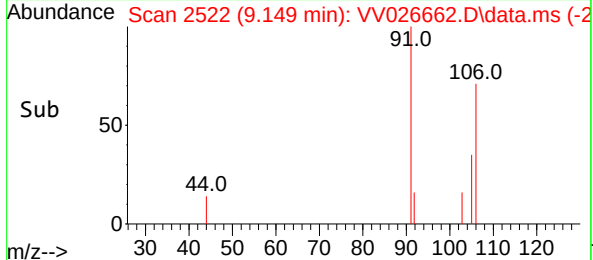
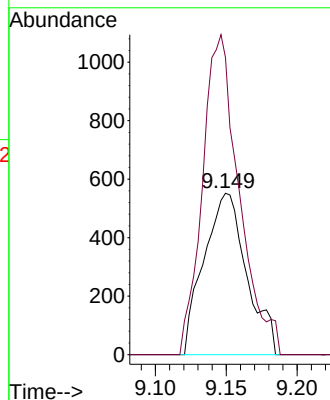
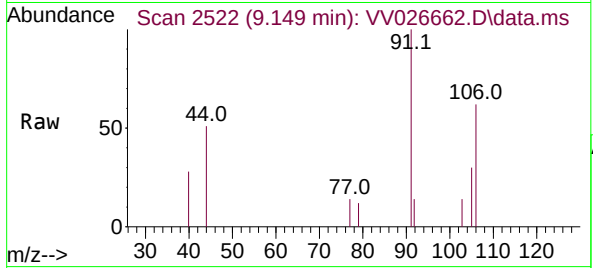




#53
m,p-Xylene
Concen: 0.047 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV026662.D
Acq: 06 Jul 2022 12:53

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Tgt Ion:106 Resp: 1159
Ion Ratio Lower Upper
106 100
91 184.1 139.9 259.9



#61
1,2,3-Trichloropropane
Concen: 1.710 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026662.D
Acq: 06 Jul 2022 12:53

Tgt Ion: 75 Resp: 9399
Ion Ratio Lower Upper
75 100
77 34.7 25.8 38.6
110 1.6 32.5 48.7#

