

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070522\
 Data File : VV026644.D
 Acq On : 05 Jul 2022 15:07
 Operator : SY/MD
 Sample : N3506-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAM6

Quant Time: Jul 06 00:24:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

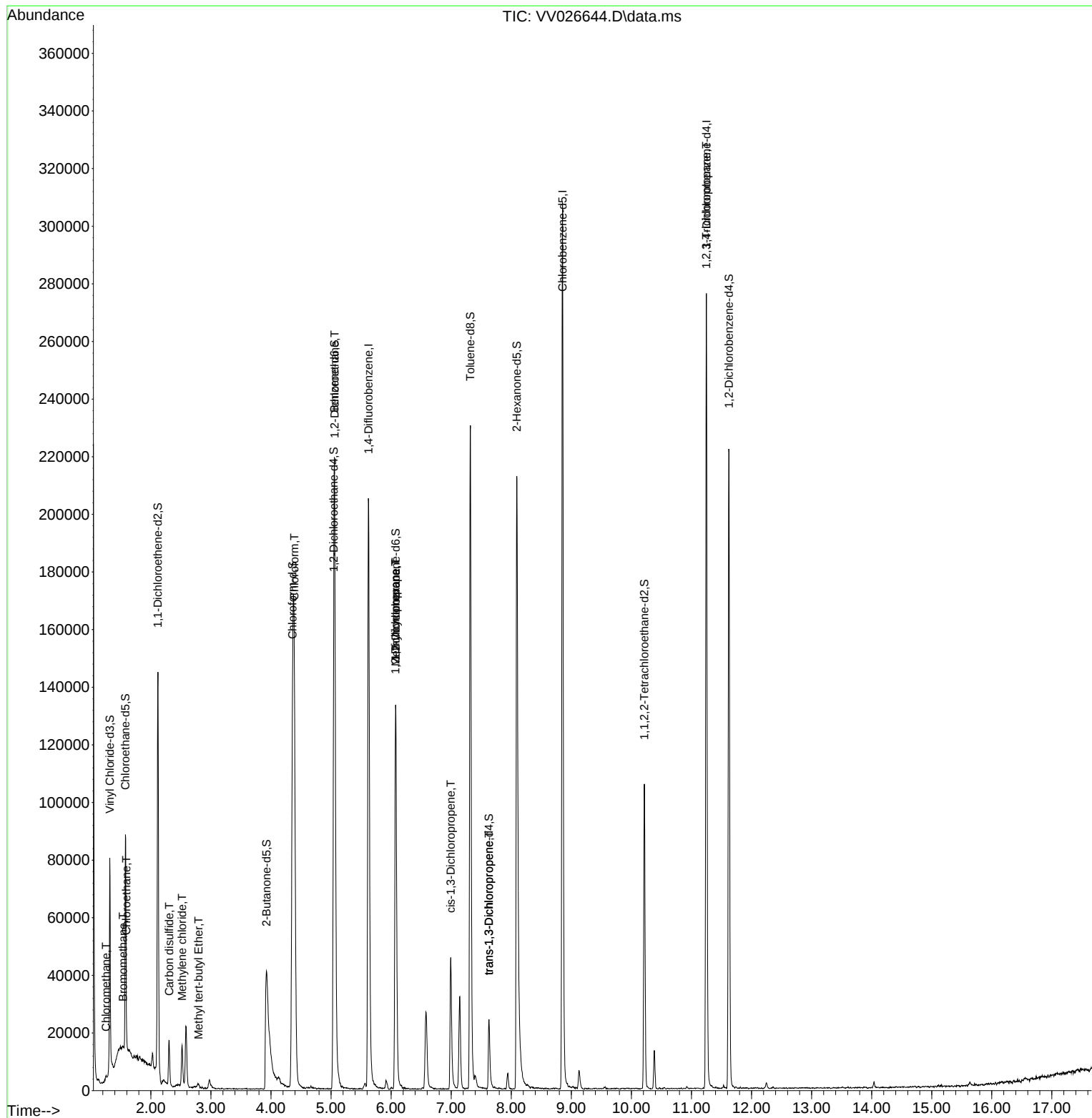
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	186472	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	182459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	49642	3.310	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.577	69	50170	4.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.117	63	72214	2.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.200%#
20) 2-Butanone-d5	3.924	46	108268	72.617	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.240%#
24) Chloroform-d	4.358	84	126542	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.043	65	49577	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.056	84	206738	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.075	67	69594	4.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.320	98	164746	3.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.628	79	16585	4.452	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.091	63	75265	53.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52848	5.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	60365	4.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
3) Chloromethane	1.252	50	1133	0.073	ug/L	98
6) Bromomethane	1.535	94	493	0.055	ug/L	74
8) Chloroethane	1.590	64	909	0.081	ug/L #	59
14) Carbon disulfide	2.304	76	18576	0.559	ug/L	99
16) Methylene chloride	2.519	84	6335	0.474	ug/L	97
17) Methyl tert-butyl Ether	2.796	73	1613	0.079	ug/L #	82
25) Chloroform	4.387	83	135149	5.475	ug/L	98
27) 1,2-Dichloroethane	5.059	62	1158	0.105	ug/L #	72
35) Methylcyclohexane	6.079	83	16950	0.818	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	7615	0.593	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1133	0.088	ug/L #	52
44) trans-1,3-Dichloropropene	7.628	75	722	0.075	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	7939	1.605	ug/L #	65

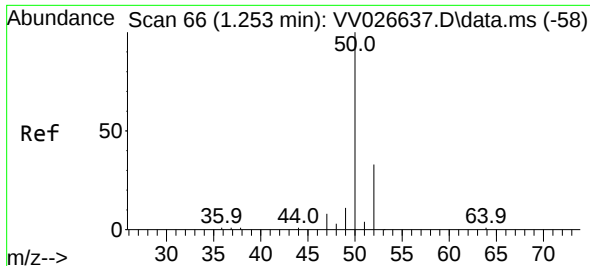
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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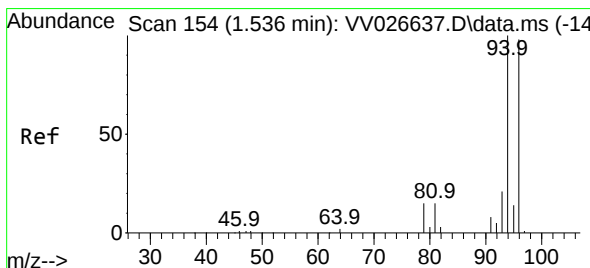
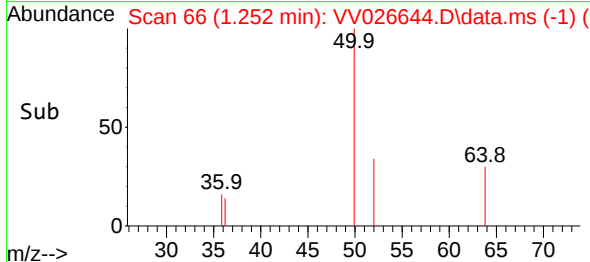
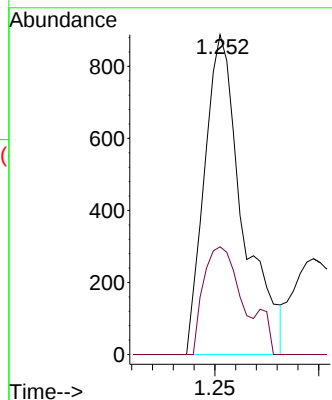
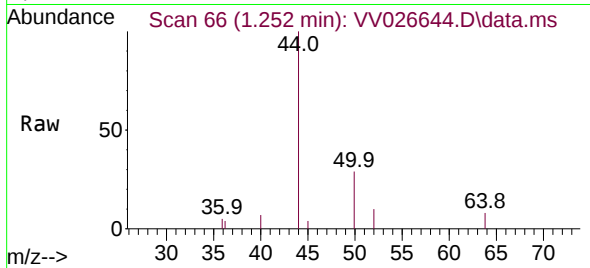




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.252 min Scan# 66
Delta R.T. -0.000 min
Lab File: VV026644.D
Acq: 05 Jul 2022 15:07

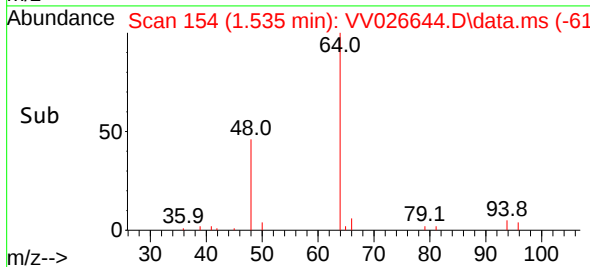
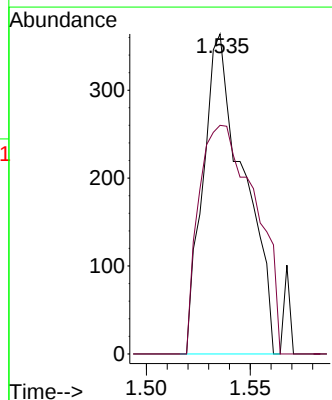
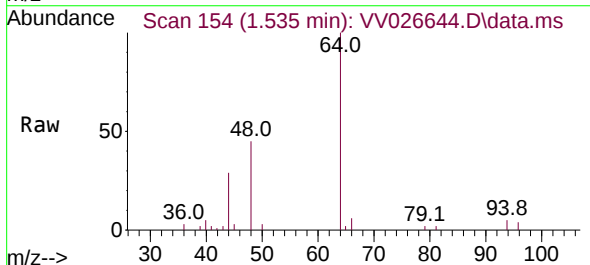
Instrument :
MSVOA_V
ClientSampleId :
COAM6

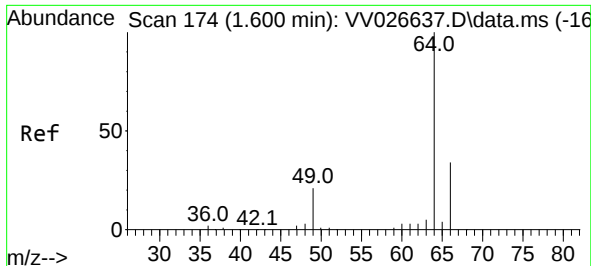
Tgt Ion: 50 Resp: 1133
Ion Ratio Lower Upper
50 100
52 33.7 23.0 42.6



#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.535 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV026644.D
Acq: 05 Jul 2022 15:07

Tgt Ion: 94 Resp: 493
Ion Ratio Lower Upper
94 100
96 71.4 68.0 126.2

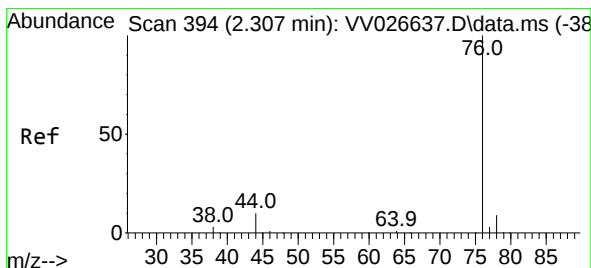
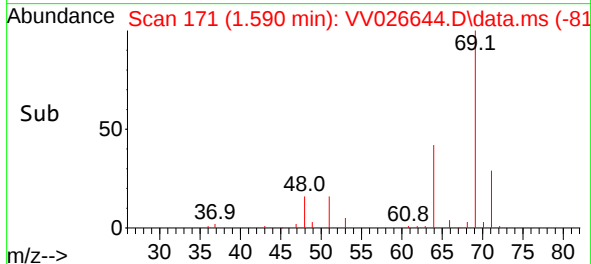
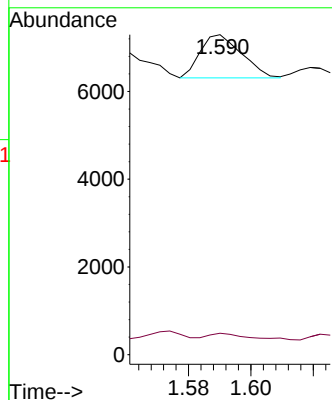
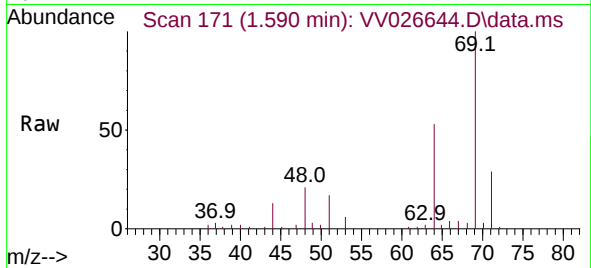




#8
Chloroethane
Concen: 0.081 ug/L
RT: 1.590 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV026644.D
Acq: 05 Jul 2022 15:07

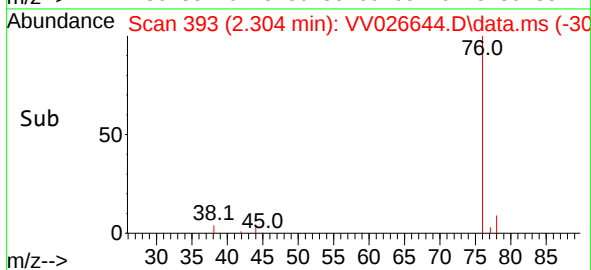
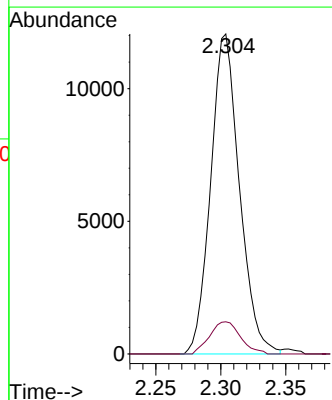
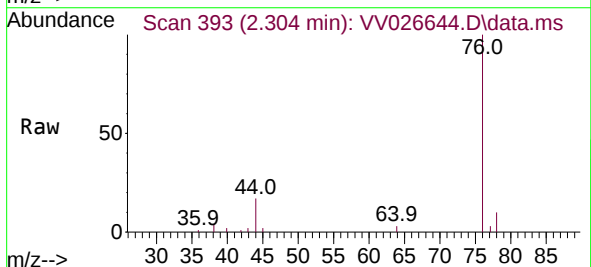
Instrument :
MSVOA_V
ClientSampleId :
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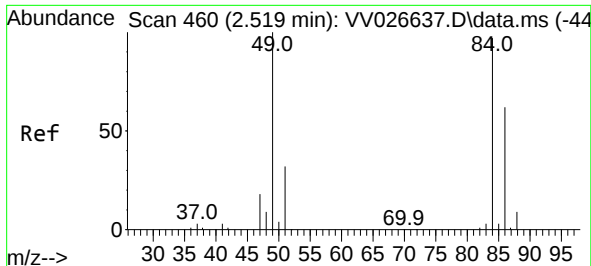
Tgt Ion: 64 Resp: 909
Ion Ratio Lower Upper
64 100
66 6.7 20.0 37.2#



#14
Carbon disulfide
Concen: 0.559 ug/L
RT: 2.304 min Scan# 393
Delta R.T. -0.003 min
Lab File: VV026644.D
Acq: 05 Jul 2022 15:07

Tgt Ion: 76 Resp: 18576
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.6

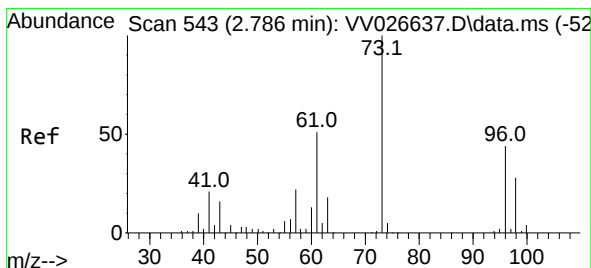
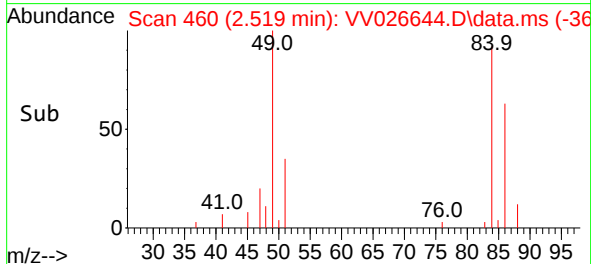
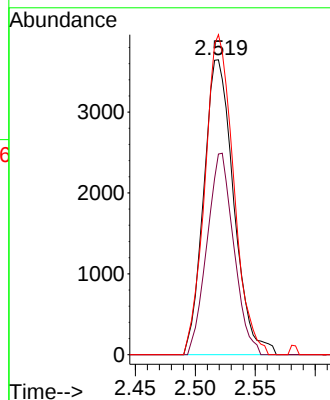
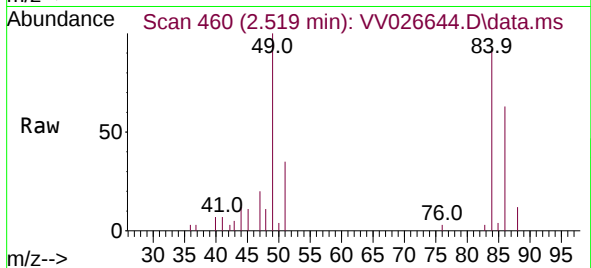




#16
Methylene chloride
Concen: 0.474 ug/L
RT: 2.519 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026644.D
Acq: 05 Jul 2022 15:07

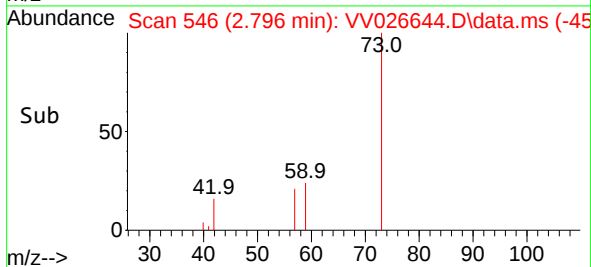
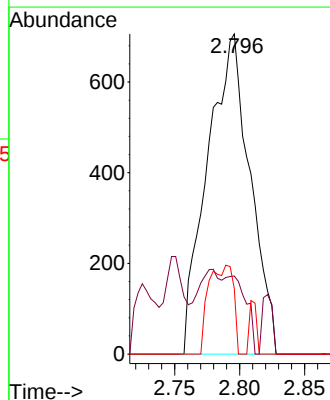
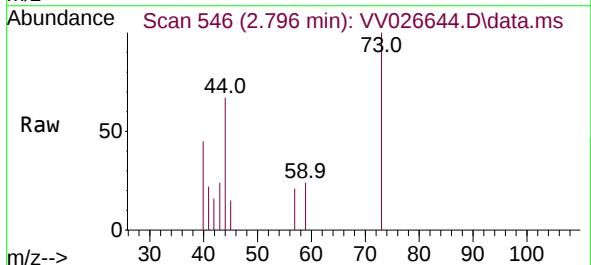
Instrument :
MSVOA_V
ClientSampleId :
COAM6

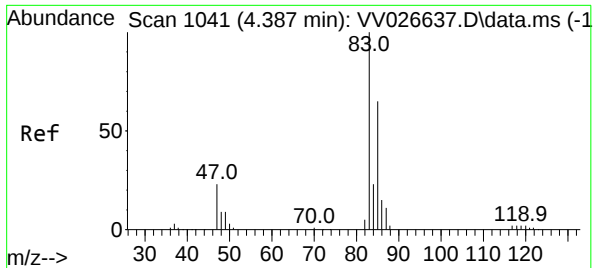
Tgt Ion: 84 Resp: 6335
Ion Ratio Lower Upper
84 100
86 68.1 46.0 85.4
49 108.5 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.079 ug/L
RT: 2.796 min Scan# 546
Delta R.T. 0.010 min
Lab File: VV026644.D
Acq: 05 Jul 2022 15:07

Tgt Ion: 73 Resp: 1613
Ion Ratio Lower Upper
73 100
43 4.8 13.3 19.9#
57 16.1 17.2 25.8#

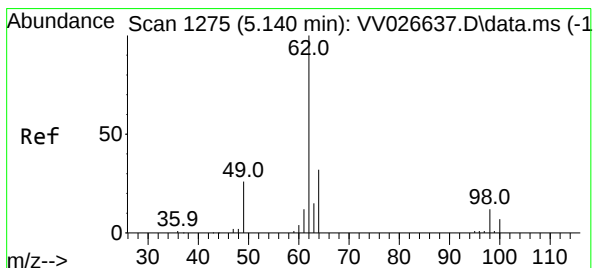
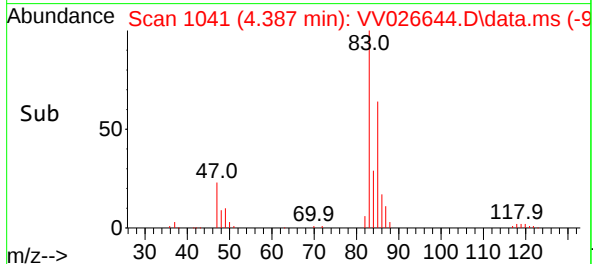
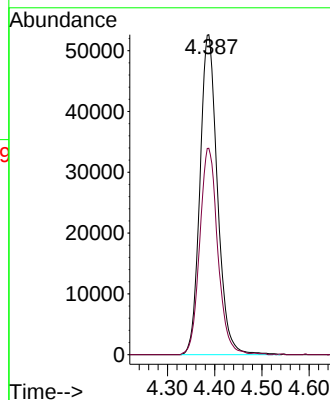
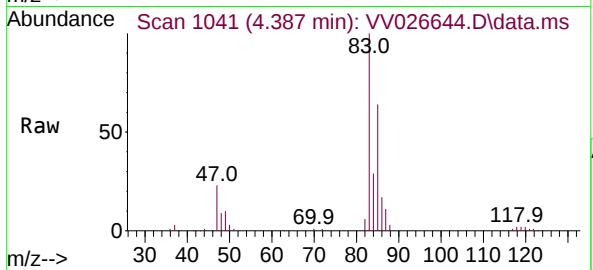




#25
Chloroform
Concen: 5.475 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VV026644.D
Acq: 05 Jul 2022 15:07

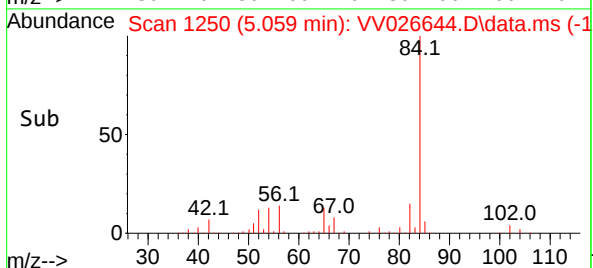
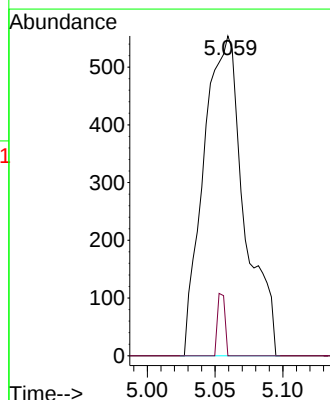
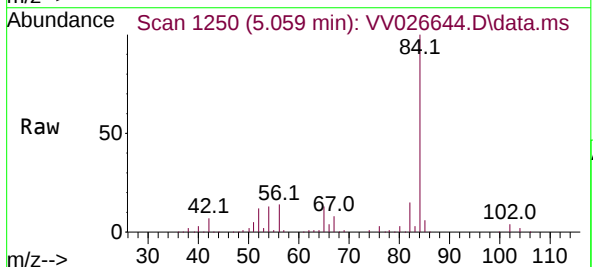
Instrument :
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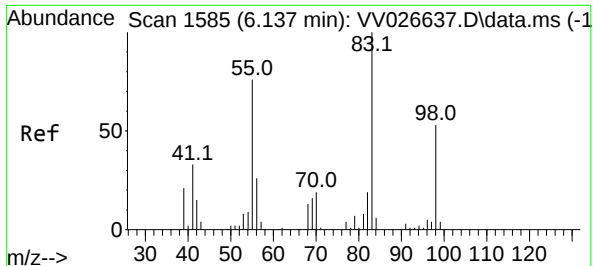
Tgt Ion: 83 Resp: 135149
Ion Ratio Lower Upper
83 100
85 64.5 44.0 81.8



#27
1,2-Dichloroethane
Concen: 0.105 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.080 min
Lab File: VV026644.D
Acq: 05 Jul 2022 15:07

Tgt Ion: 62 Resp: 1158
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.818 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.058 min

Lab File: VV026644.D

Acq: 05 Jul 2022 15:07

Instrument :

MSVOA_V

ClientSampleId :

COAM6

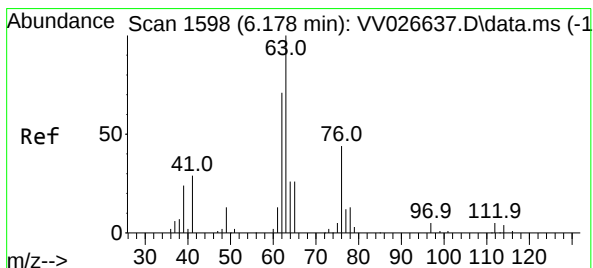
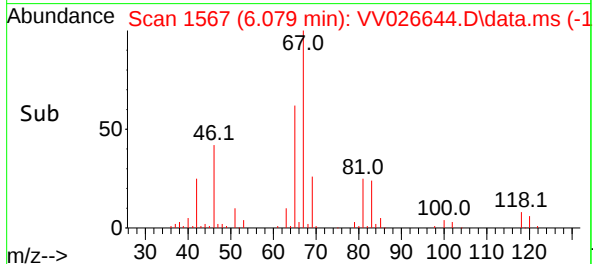
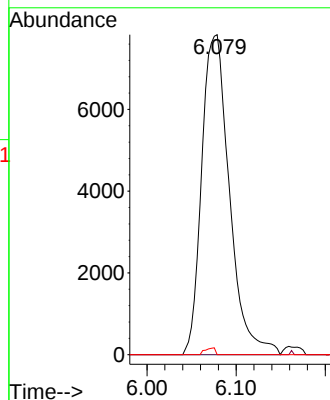
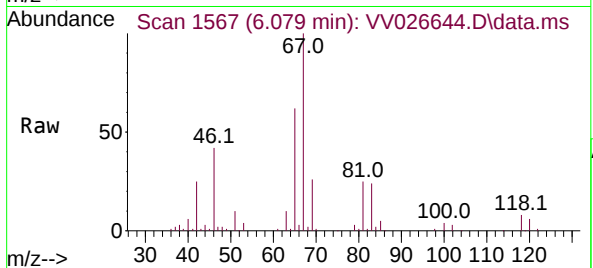
Tgt Ion: 83 Resp: 16950

Ion Ratio Lower Upper

83 100

55 0.1 57.0 85.4#

98 0.8 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.106 min

Lab File: VV026644.D

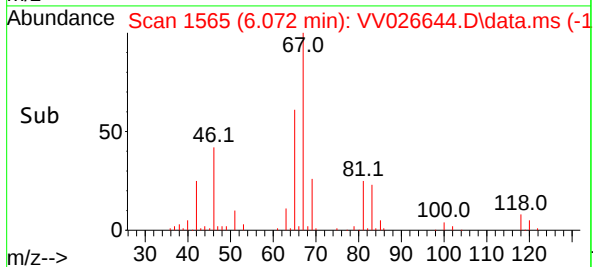
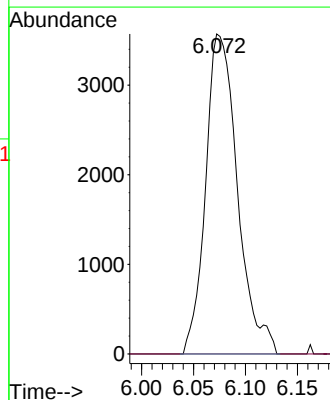
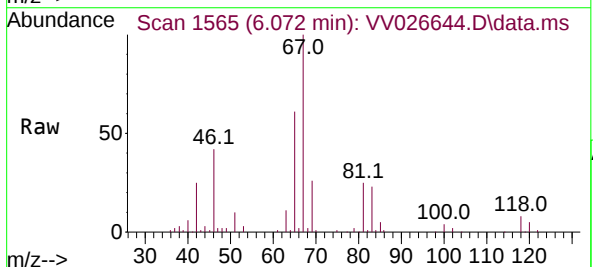
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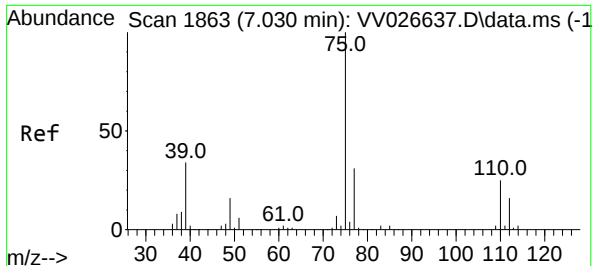
Tgt Ion: 63 Resp: 7615

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026644.D

Acq: 05 Jul 2022 15:07

Instrument :

MSVOA_V

ClientSampleId :

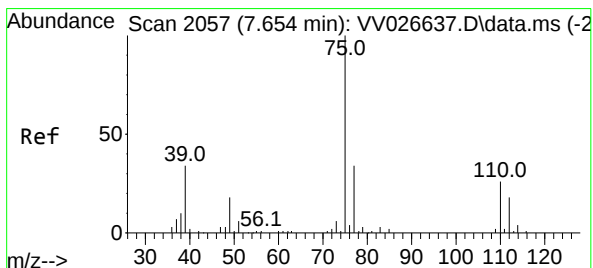
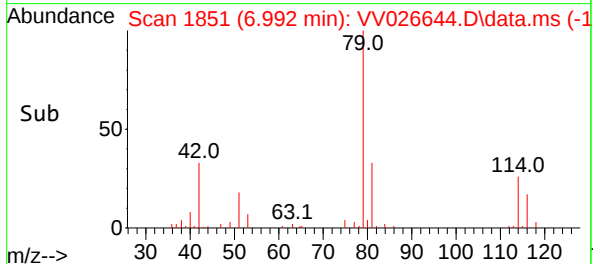
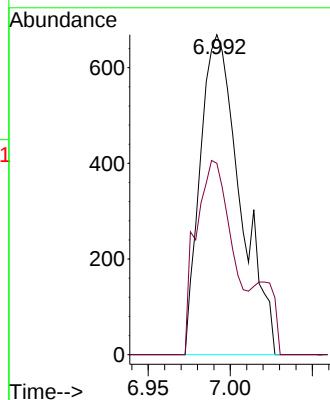
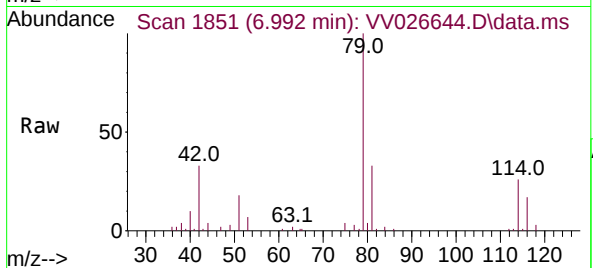
COAM6

Tgt Ion: 75 Resp: 1133

Ion Ratio Lower Upper

75 100

77 59.8 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.026 min

Lab File: VV026644.D

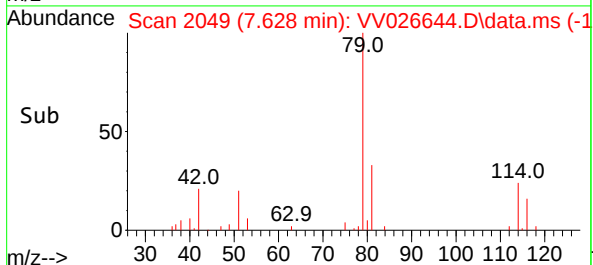
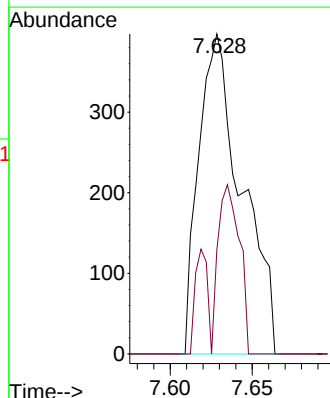
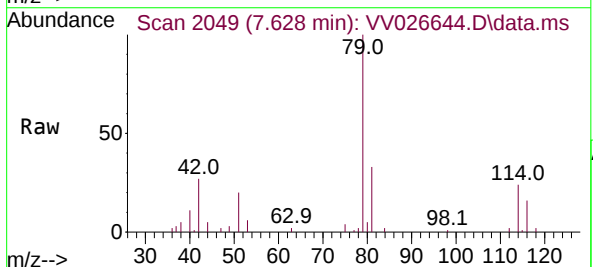
Acq: 05 Jul 2022 15:07

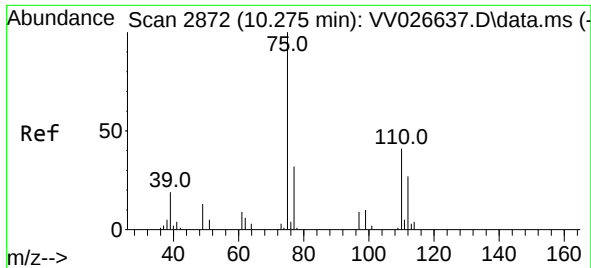
Tgt Ion: 75 Resp: 722

Ion Ratio Lower Upper

75 100

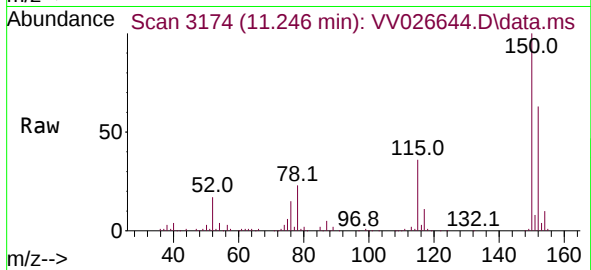
77 32.5 23.1 42.9





#61
 1,2,3-Trichloropropane
 Concen: 1.605 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV026644.D
 Acq: 05 Jul 2022 15:07

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AM6



Tgt Ion:	75	Resp:	7939
Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.8	38.6
110	2.4	32.5	48.7#

