

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026700.D
 Acq On : 08 Jul 2022 16:23
 Operator : SY/MD
 Sample : N3601-17 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA9

Quant Time: Jul 08 23:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

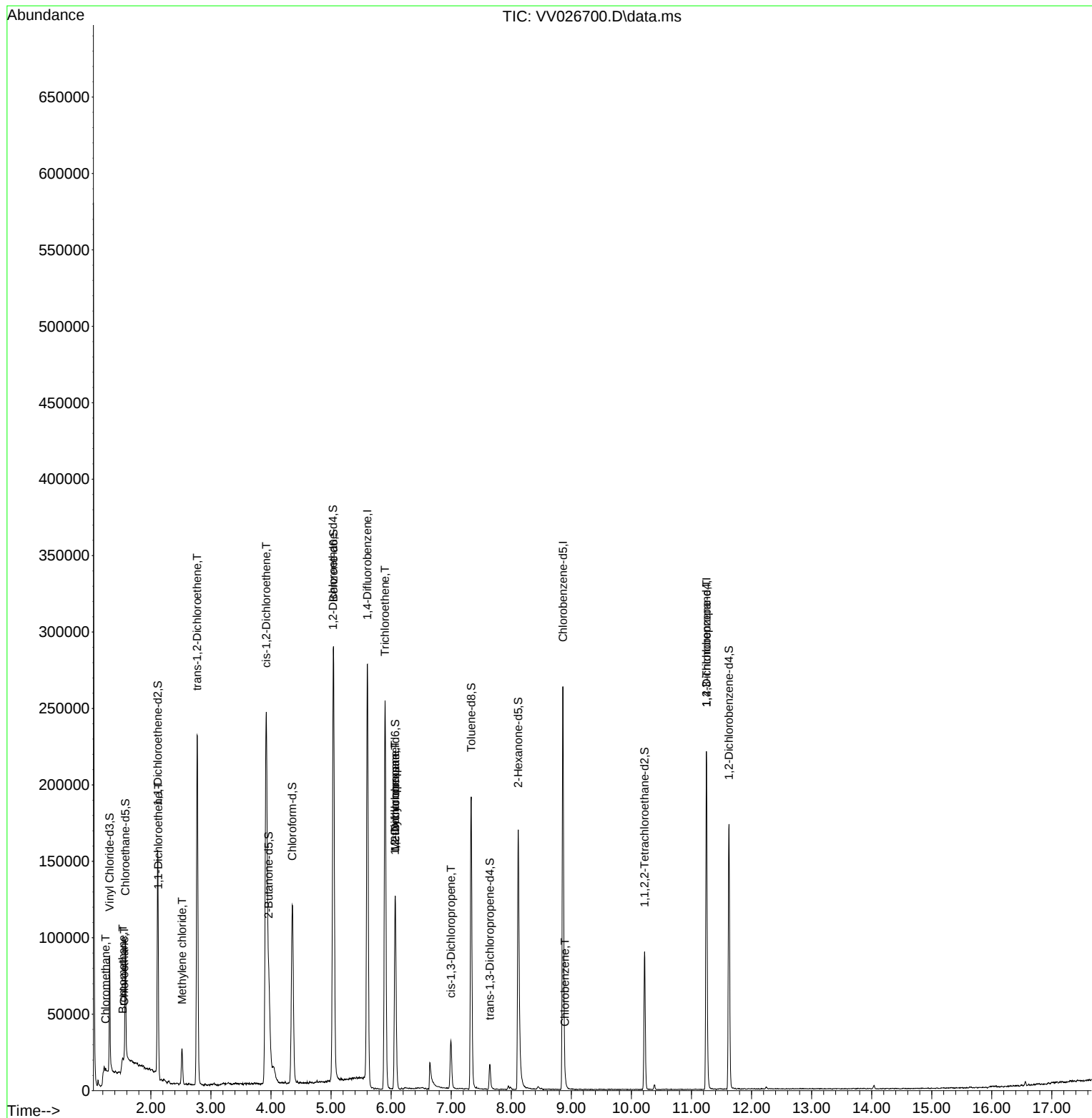
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	229997	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.860	117	155898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	51214	2.769	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.400%
7) Chloroethane-d5	1.577	69	49034	3.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.114	63	74387	2.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.200%#
20) 2-Butanone-d5	3.960	46	137199	74.608	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.220%#
24) Chloroform-d	4.355	84	119126	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.034	65	55476	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.040	84	230769	5.153	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.069	67	63787	5.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.333	98	133525	3.316	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.645	79	10852	3.409	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.114	63	53521	44.146	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.300%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	43583	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	48007	4.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
3) Chloromethane	1.246	50	1497	0.078	ug/L	99
6) Bromomethane	1.532	94	730	0.066	ug/L	87
8) Chloroethane	1.558	64	2346	0.169	ug/L #	56
12) 1,1-Dichloroethene	2.124	96	1348	0.087	ug/L #	1
16) Methylene chloride	2.519	84	9360	0.568	ug/L	92
18) trans-1,2-Dichloroethene	2.770	96	87049	5.493	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	128764	8.182	ug/L	90
34) Trichloroethene	5.899	95	87800	7.337	ug/L	96
35) Methylcyclohexane	6.069	83	15847	0.895	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	6600	0.602	ug/L #	84
39) cis-1,3-Dichloropropene	6.998	75	969	0.088	ug/L #	50
51) Chlorobenzene	8.895	112	3163	0.103	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	7147	1.798	ug/L #	65

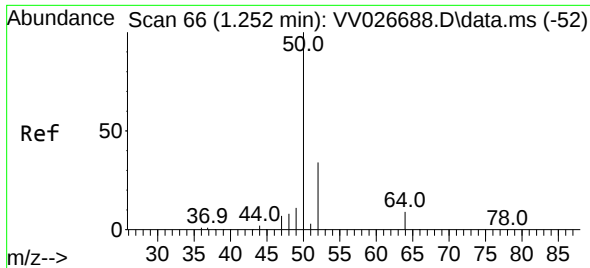
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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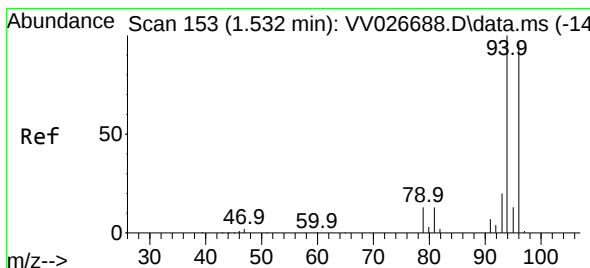
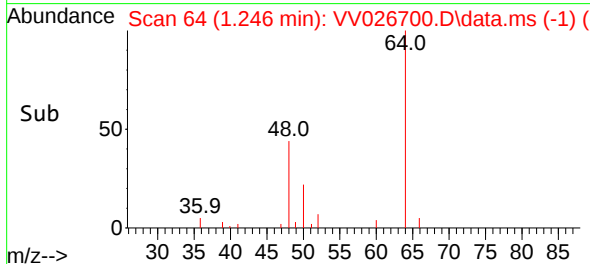
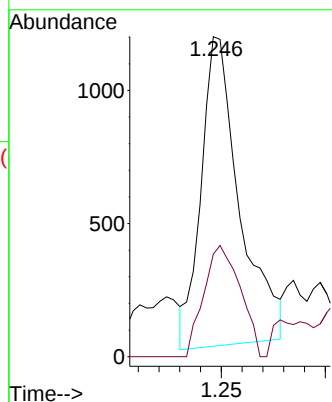
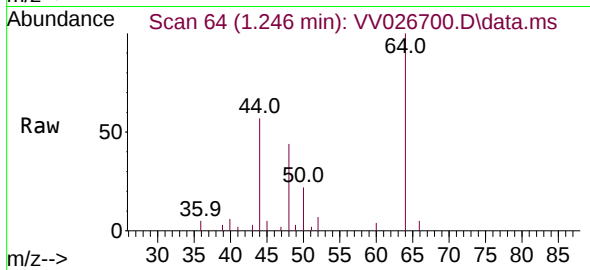




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.006 min
Lab File: VV026700.D
Acq: 08 Jul 2022 16:23

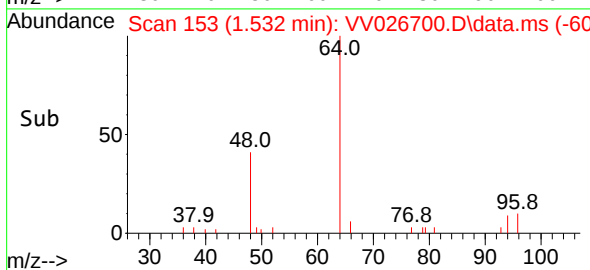
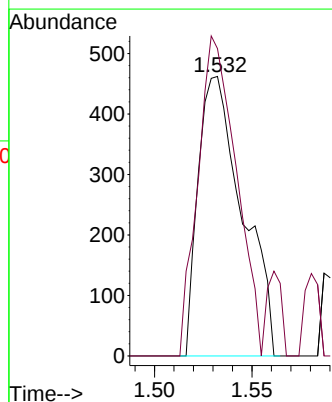
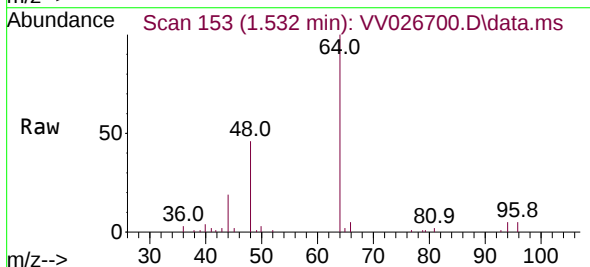
Instrument :
MSVOA_V
ClientSampleId :
DBUA9

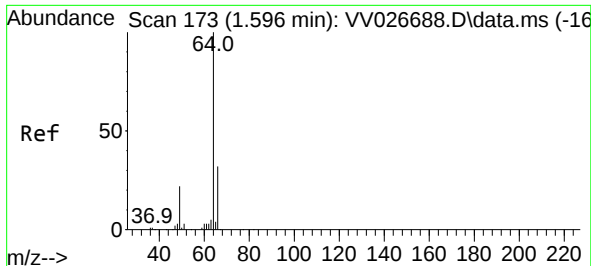
Tgt Ion: 50 Resp: 1497
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.6



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.000 min
Lab File: VV026700.D
Acq: 08 Jul 2022 16:23

Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 110.0 68.0 126.2

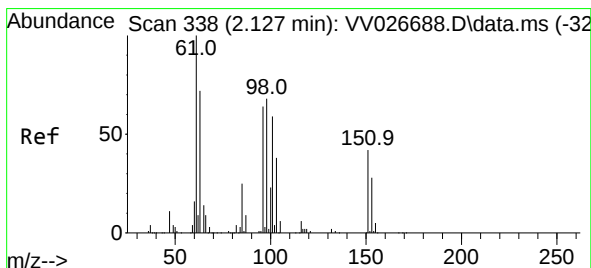
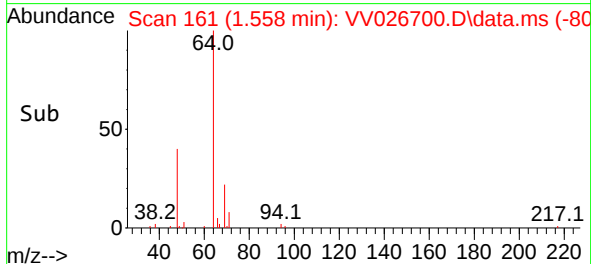
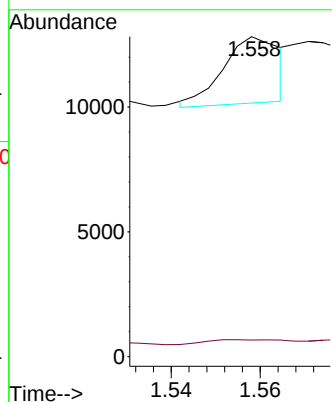
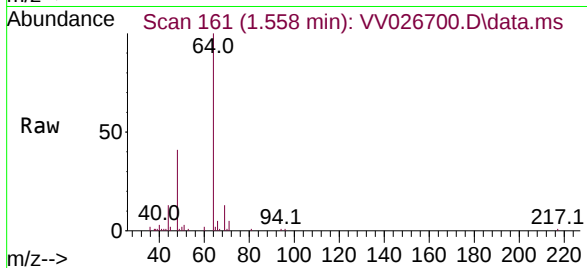




#8
Chloroethane
Concen: 0.169 ug/L
RT: 1.558 min Scan# 11
Delta R.T. -0.038 min
Lab File: VV026700.D
Acq: 08 Jul 2022 16:23

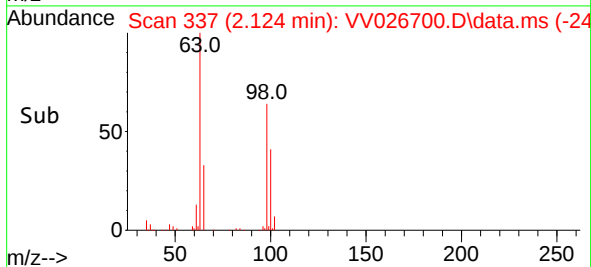
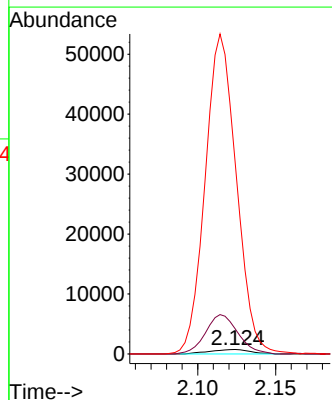
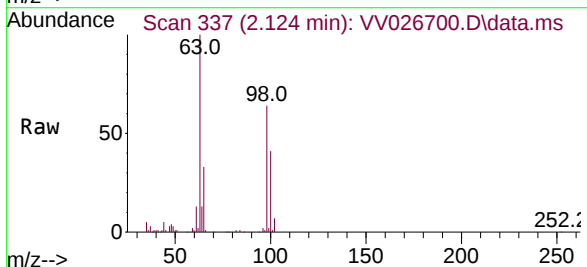
Instrument :
MSVOA_V
ClientSampleId :
DBUA9

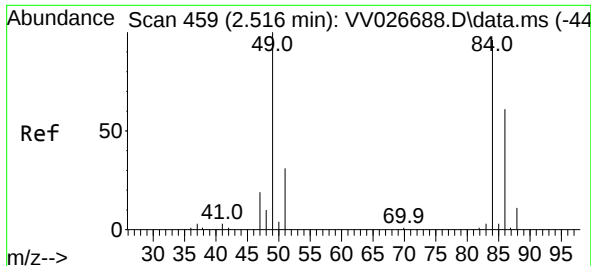
Tgt Ion: 64 Resp: 2346
Ion Ratio Lower Upper
64 100
66 5.2 20.0 37.2#



#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.003 min
Lab File: VV026700.D
Acq: 08 Jul 2022 16:23

Tgt Ion: 96 Resp: 1348
Ion Ratio Lower Upper
96 100
61 566.9 115.4 214.4#
63 4319.8 87.4 162.2#

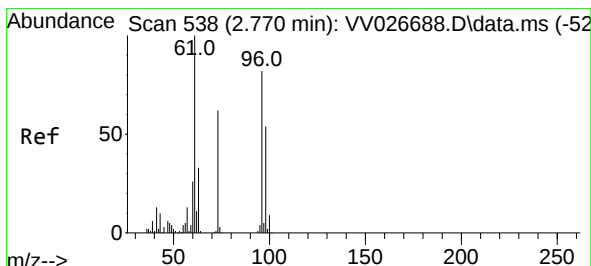
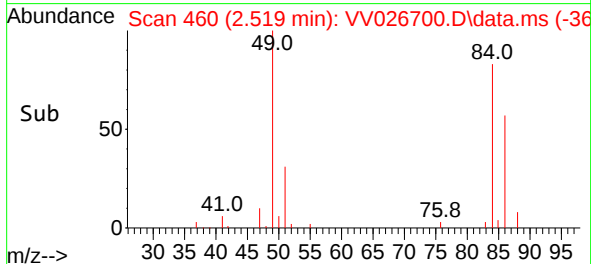
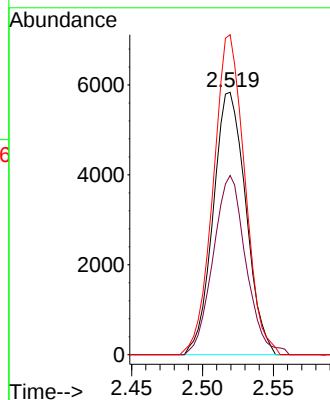
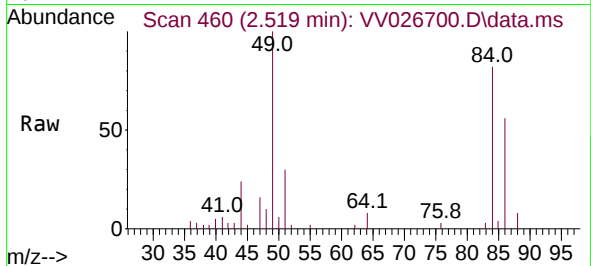




#16
Methylene chloride
Concen: 0.568 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026700.D
Acq: 08 Jul 2022 16:23

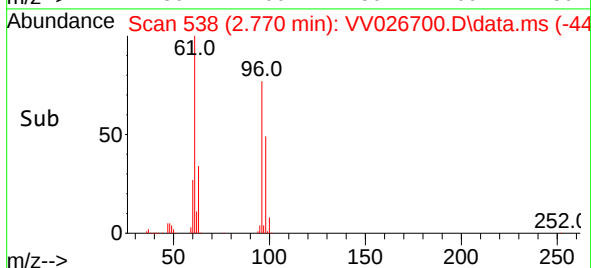
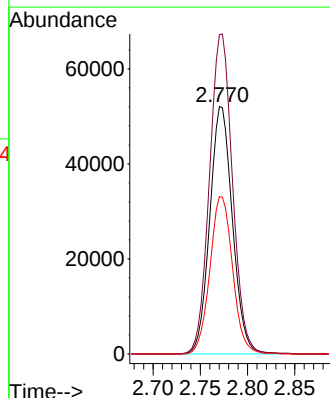
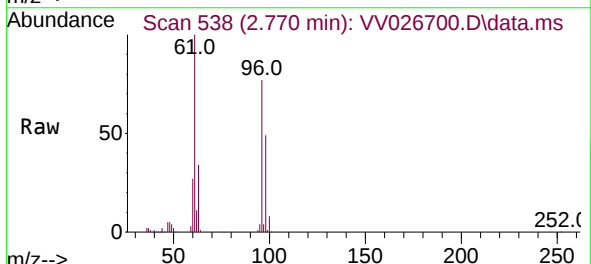
Instrument :
MSVOA_V
ClientSampleId :
DBUA9

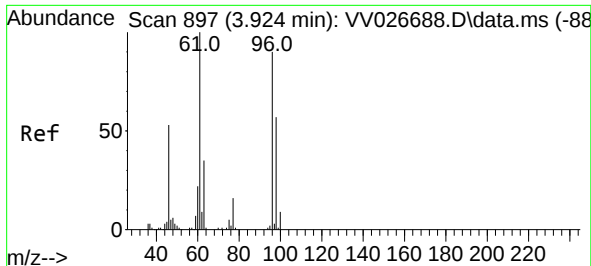
Tgt Ion: 84 Resp: 9360
Ion Ratio Lower Upper
84 100
86 68.3 46.0 85.4
49 122.0 77.7 144.3



#18
trans-1,2-Dichloroethene
Concen: 5.493 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV026700.D
Acq: 08 Jul 2022 16:23

Tgt Ion: 96 Resp: 87049
Ion Ratio Lower Upper
96 100
61 129.1 90.4 167.8
98 63.6 45.6 84.8

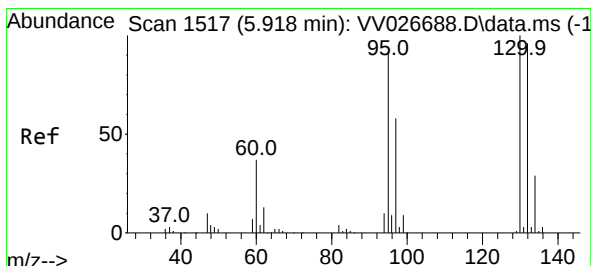
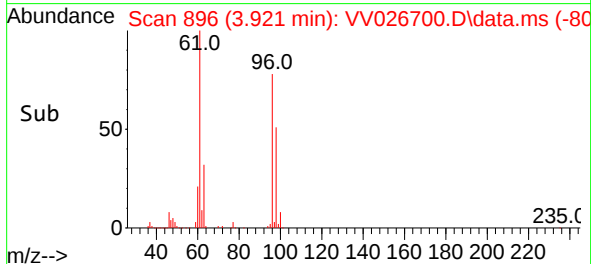
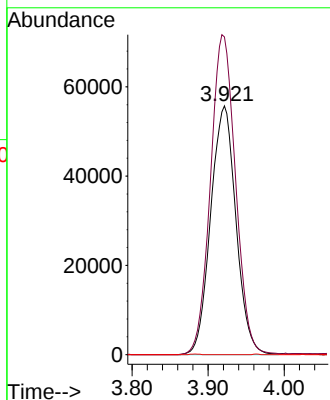
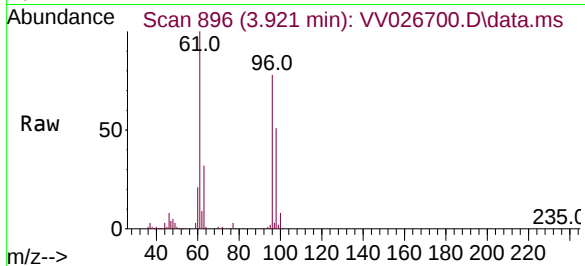




#22
 cis-1,2-Dichloroethene
 Concen: 8.182 ug/L
 RT: 3.921 min Scan# 897
 Delta R.T. -0.003 min
 Lab File: VV026700.D
 Acq: 08 Jul 2022 16:23

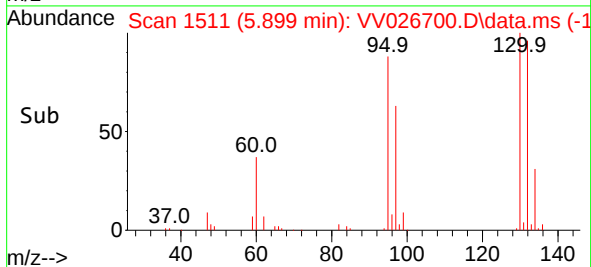
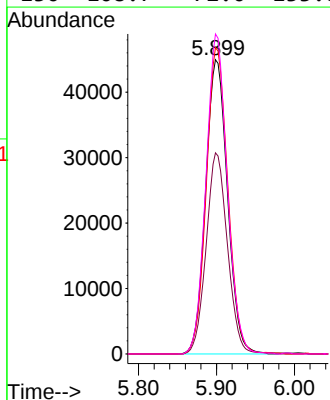
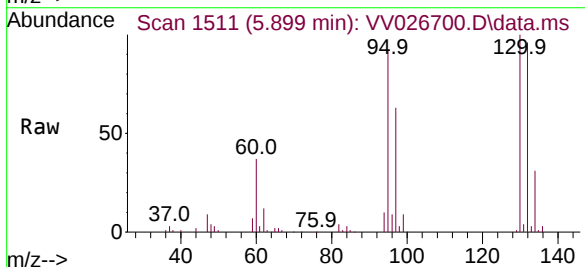
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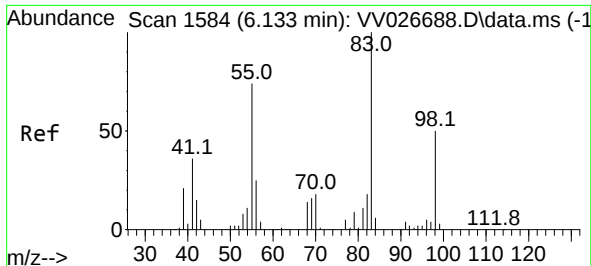
Tgt Ion: 96 Resp: 128764
 Ion Ratio Lower Upper
 96 100
 61 127.8 82.0 152.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 7.337 ug/L
 RT: 5.899 min Scan# 1511
 Delta R.T. -0.019 min
 Lab File: VV026700.D
 Acq: 08 Jul 2022 16:23

Tgt Ion: 95 Resp: 87800
 Ion Ratio Lower Upper
 95 100
 97 68.4 46.8 87.0
 132 104.1 69.9 129.7
 130 108.7 72.0 133.8

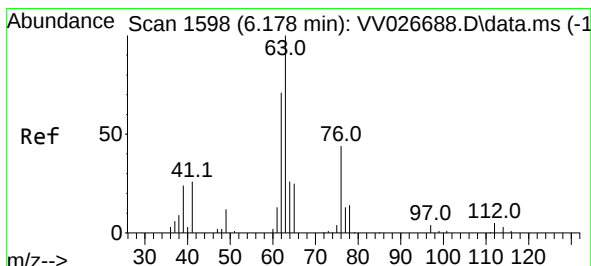
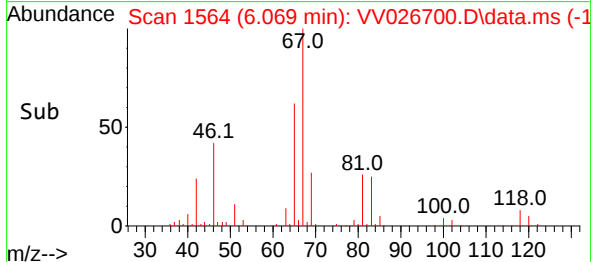
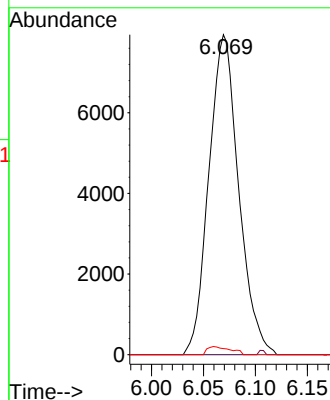
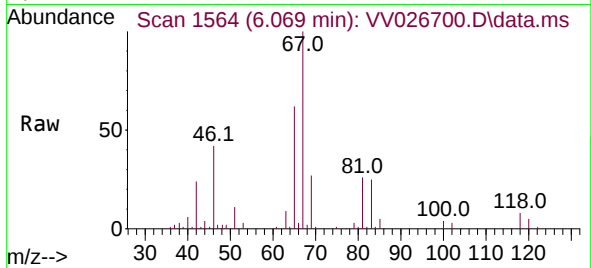




#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 6.069 min Scan# 1584
Delta R.T. -0.064 min
Lab File: VV026700.D
Acq: 08 Jul 2022 16:23

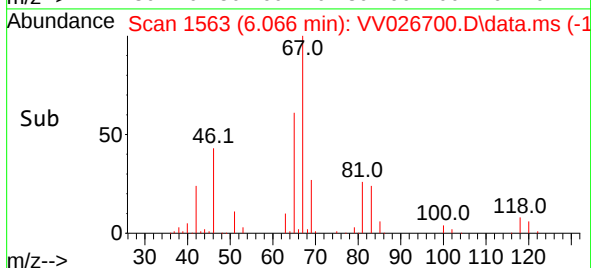
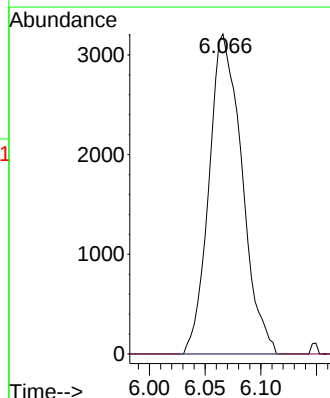
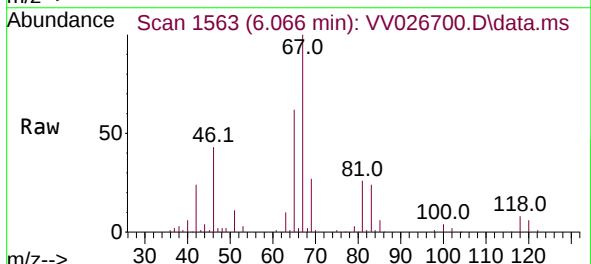
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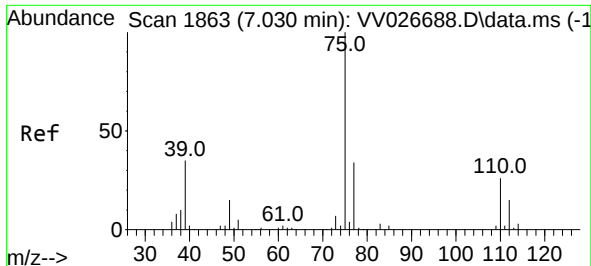
Tgt Ion: 83 Resp: 15847
Ion Ratio Lower Upper
83 100
55 0.3 57.0 85.4#
98 2.0 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.112 min
Lab File: VV026700.D
Acq: 08 Jul 2022 16:23

Tgt Ion: 63 Resp: 6600
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV026700.D

Acq: 08 Jul 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

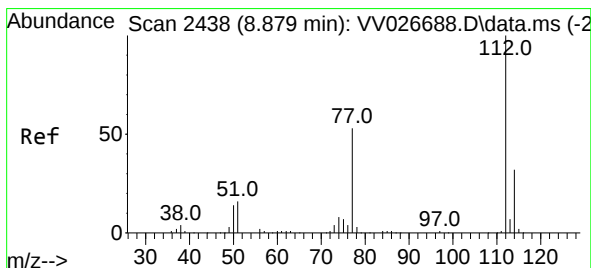
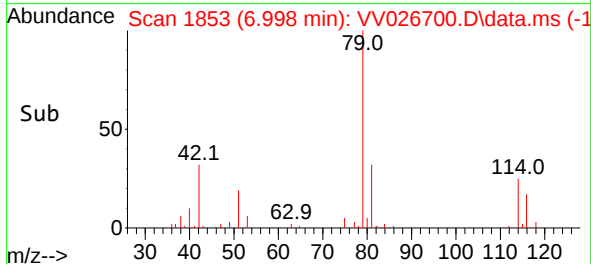
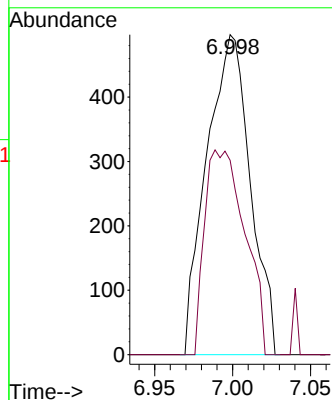
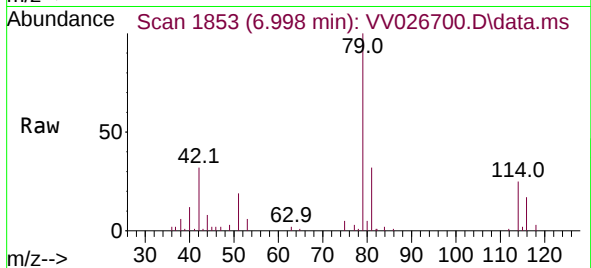
DBUA9

Tgt Ion: 75 Resp: 969

Ion Ratio Lower Upper

75 100

77 60.8 22.8 42.4#



#51

Chlorobenzene

Concen: 0.103 ug/L

RT: 8.895 min Scan# 2443

Delta R.T. 0.016 min

Lab File: VV026700.D

Acq: 08 Jul 2022 16:23

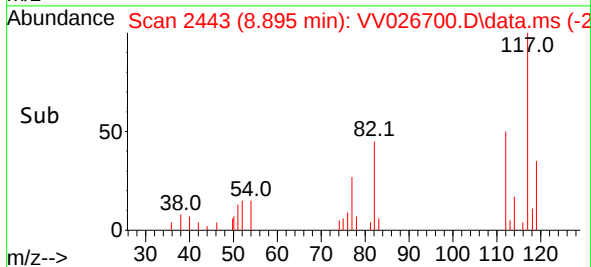
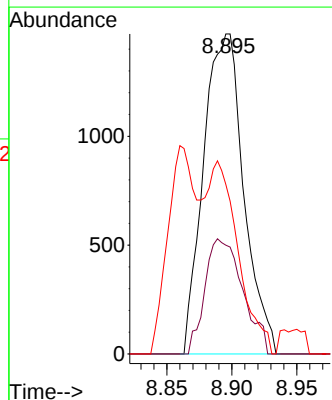
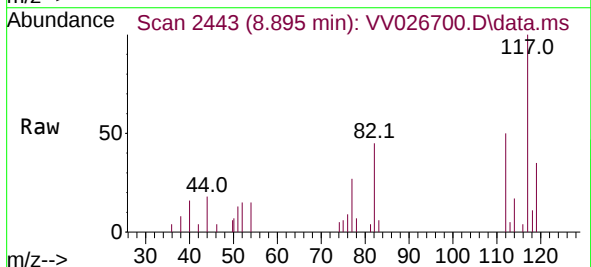
Tgt Ion: 112 Resp: 3163

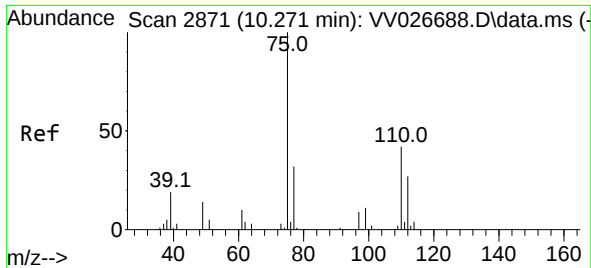
Ion Ratio Lower Upper

112 100

114 34.0 22.3 41.5

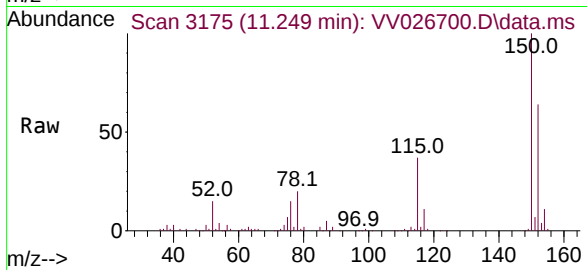
77 53.0 44.4 66.6





#61
 1,2,3-Trichloropropane
 Concen: 1.798 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV026700.D
 Acq: 08 Jul 2022 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA9



Tgt Ion:	75	Resp:	7147
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6
110	1.6	32.5	48.7#

