

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026520.D
 Acq On : 23 Jun 2022 17:32
 Operator : SY/MD
 Sample : N3425-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL5

Quant Time: Jun 24 02:03:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

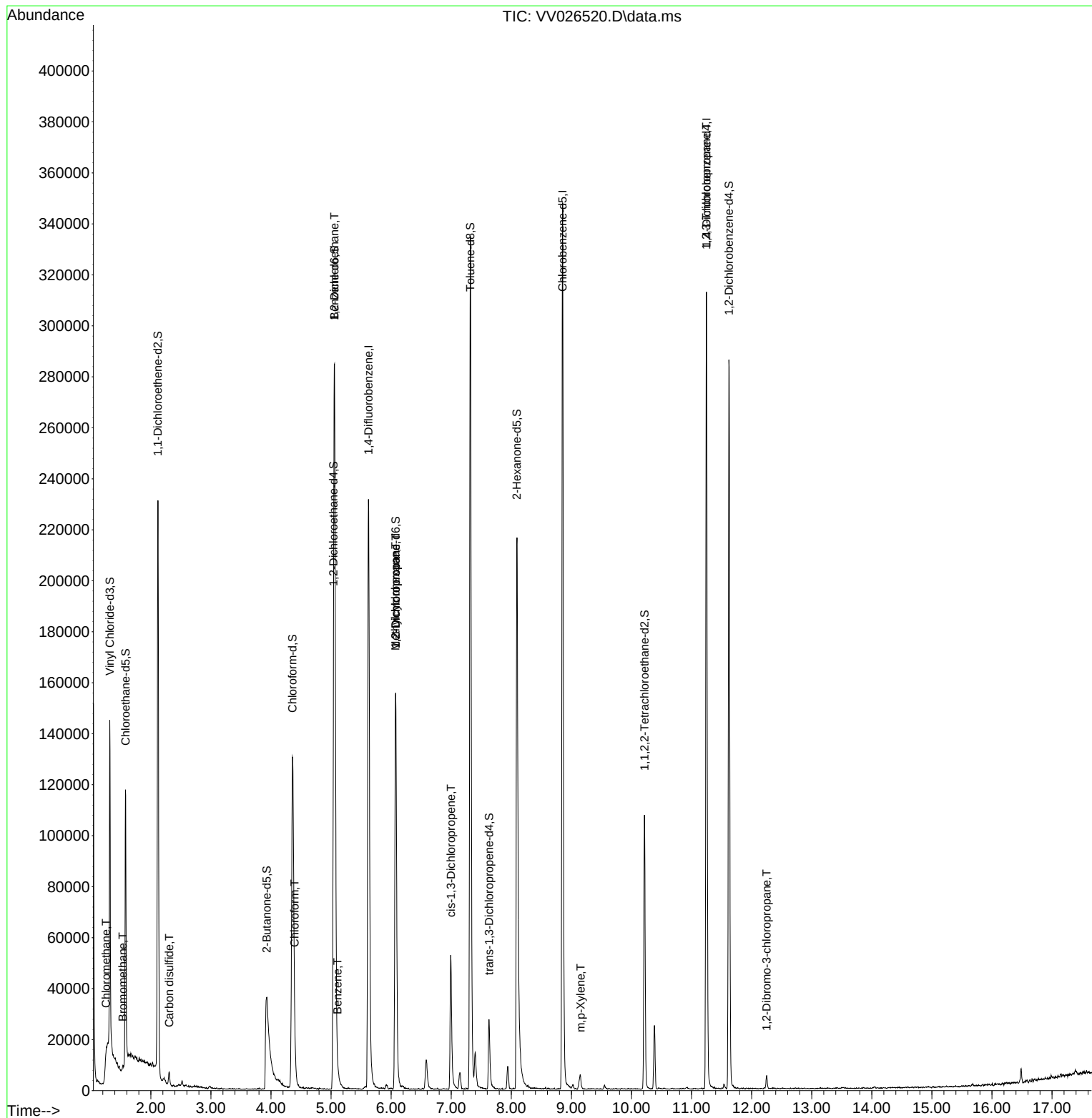
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	213141	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	202480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	85584	4.993	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.577	69	68432	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.117	63	117196	3.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.931	46	97219	57.048	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.100%
24) Chloroform-d	4.358	84	139527	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.040	65	57969	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.056	84	275302	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.075	67	81391	5.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	237402	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.628	79	17788	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.091	63	77300	49.092	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53912	5.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	76607	5.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
3) Chloromethane	1.252	50	743	0.042	ug/L	96
6) Bromomethane	1.532	94	671	0.066	ug/L	98
14) Carbon disulfide	2.304	76	6430	0.169	ug/L #	93
25) Chloroform	4.391	83	13864	0.491	ug/L	96
27) 1,2-Dichloroethane	5.053	62	1385	0.110	ug/L #	72
33) Benzene	5.108	78	2689	0.045	ug/L	100
35) Methylcyclohexane	6.072	83	19906	0.866	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	8704	0.611	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1444	0.101	ug/L #	70
53) m,p-Xylene	9.152	106	1711	0.069	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	9523	1.714	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.249	75	125	0.125	ug/L #	1

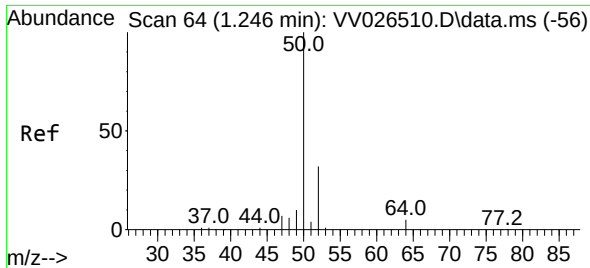
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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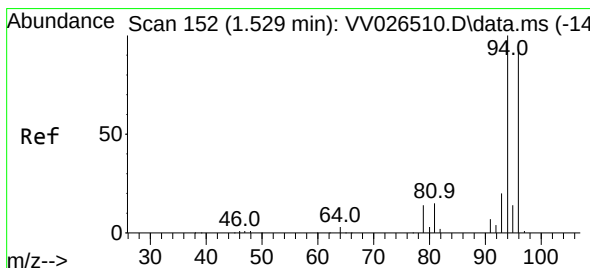
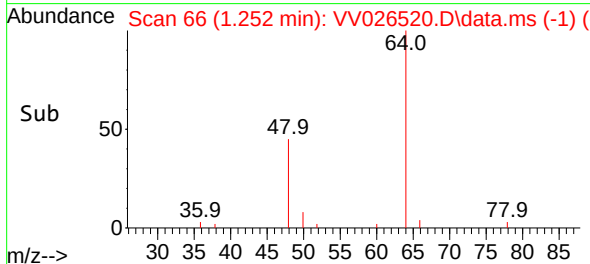
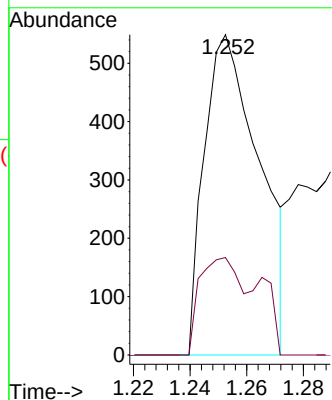
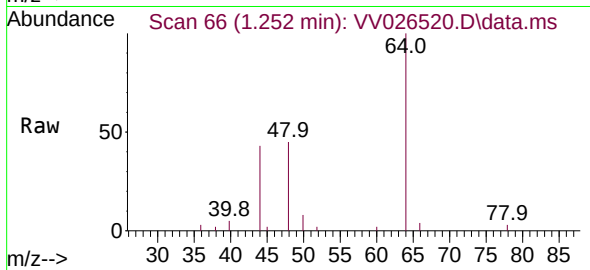




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.252 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV026520.D
Acq: 23 Jun 2022 17:32

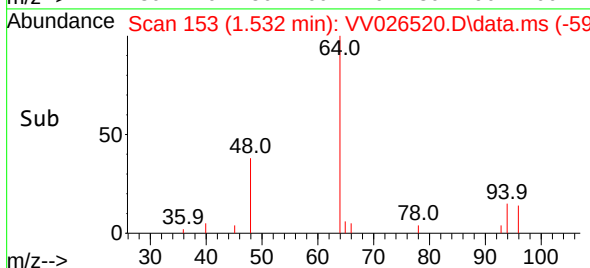
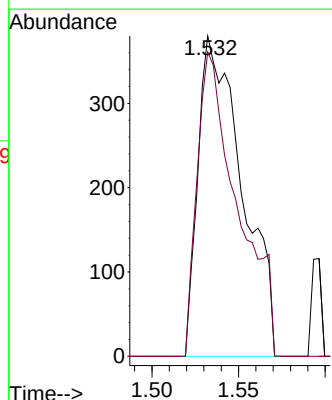
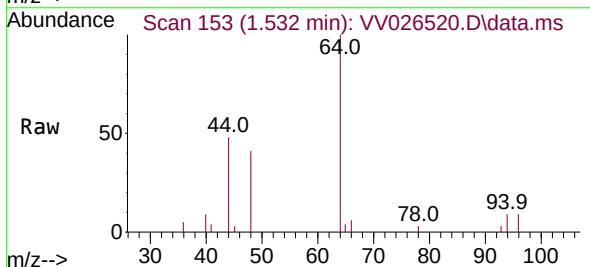
Instrument :
MSVOA_V
ClientSampleId :
C0AL5

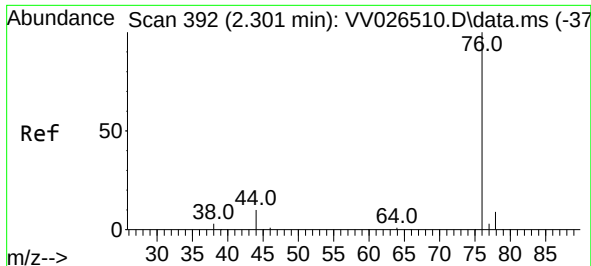
Tgt Ion: 50 Resp: 743
Ion Ratio Lower Upper
50 100
52 30.4 23.0 42.6



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.003 min
Lab File: VV026520.D
Acq: 23 Jun 2022 17:32

Tgt Ion: 94 Resp: 671
Ion Ratio Lower Upper
94 100
96 95.0 68.0 126.2

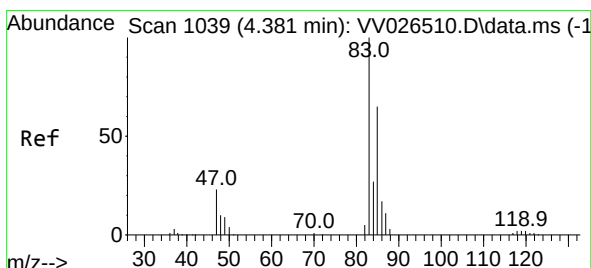
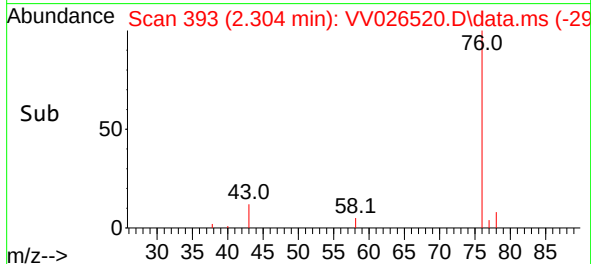
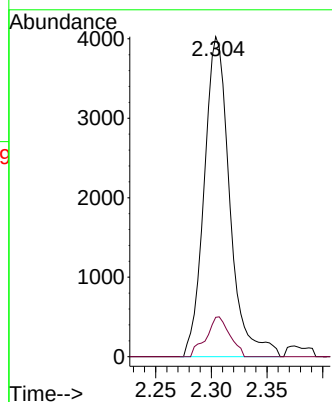
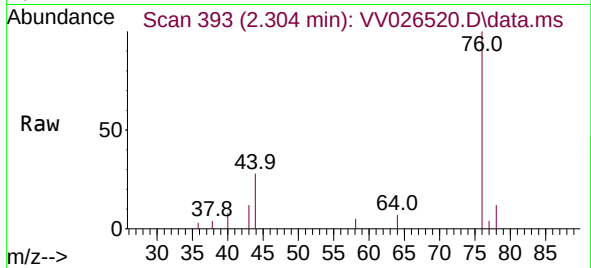




#14
Carbon disulfide
Concen: 0.169 ug/L
RT: 2.304 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV026520.D
Acq: 23 Jun 2022 17:32

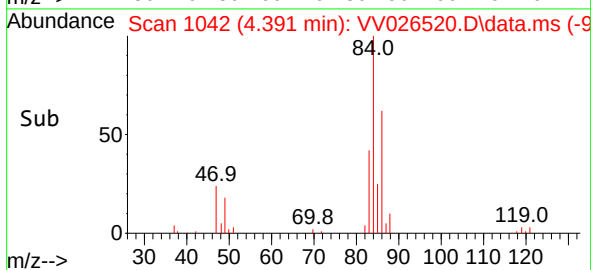
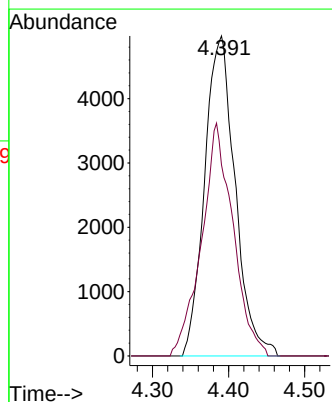
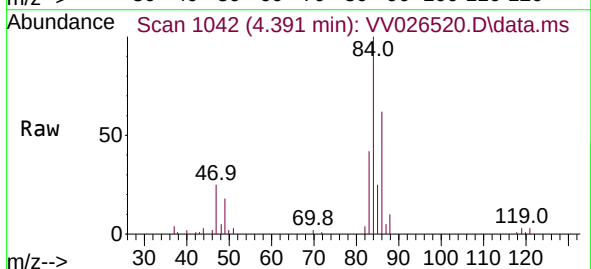
Instrument :
MSVOA_V
ClientSampleId :
C0AL5

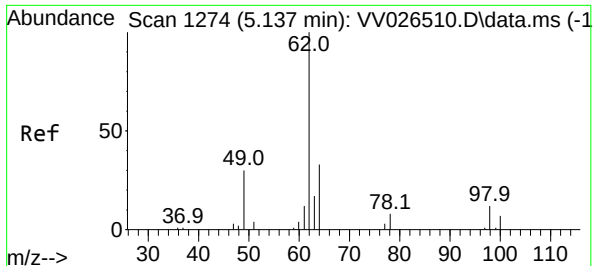
Tgt Ion: 76 Resp: 6430
Ion Ratio Lower Upper
76 100
78 12.3 7.8 11.6#



#25
Chloroform
Concen: 0.491 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.009 min
Lab File: VV026520.D
Acq: 23 Jun 2022 17:32

Tgt Ion: 83 Resp: 13864
Ion Ratio Lower Upper
83 100
85 59.8 44.0 81.8

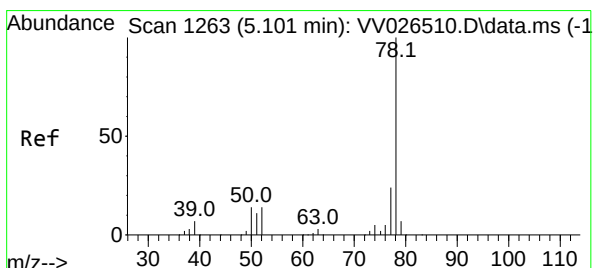
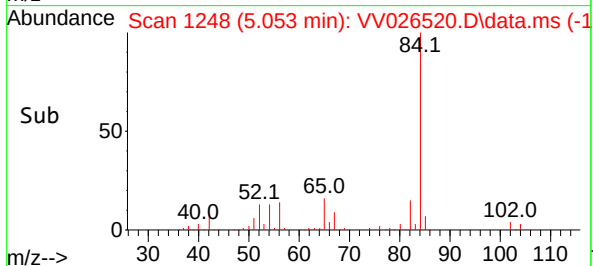
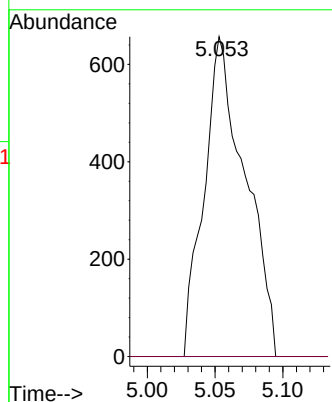
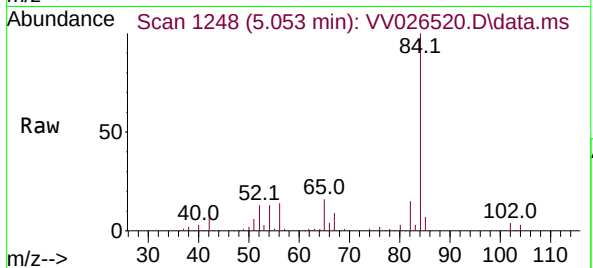




#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.084 min
Lab File: VV026520.D
Acq: 23 Jun 2022 17:32

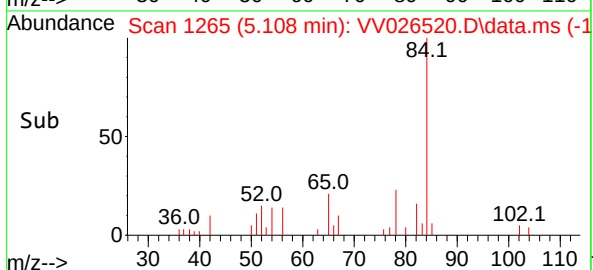
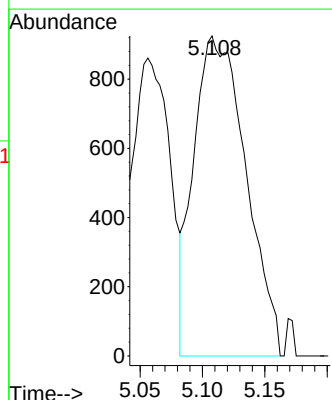
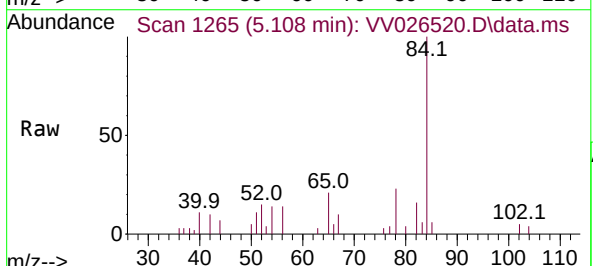
Instrument :
MSVOA_V
ClientSampleId :
C0AL5

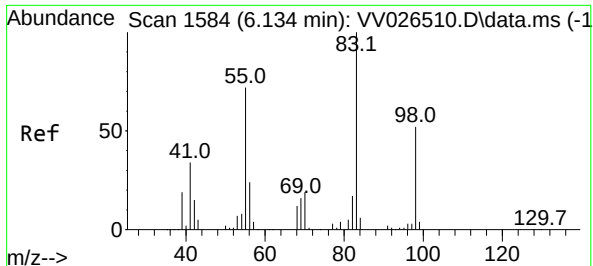
Tgt Ion: 62 Resp: 1385
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#33
Benzene
Concen: 0.045 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV026520.D
Acq: 23 Jun 2022 17:32

Tgt Ion: 78 Resp: 2689





#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026520.D

Acq: 23 Jun 2022 17:32

Instrument :

MSVOA_V

ClientSampleId :

C0AL5

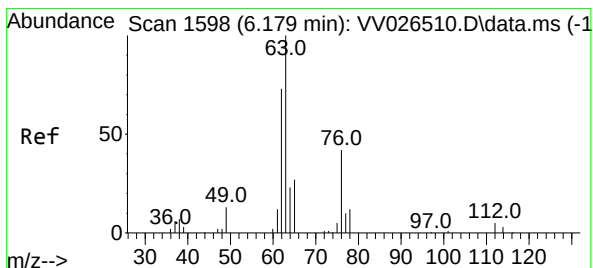
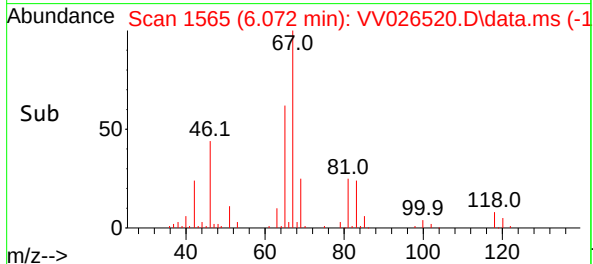
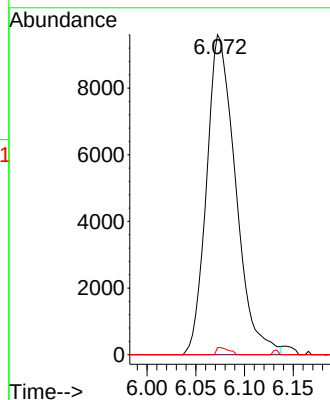
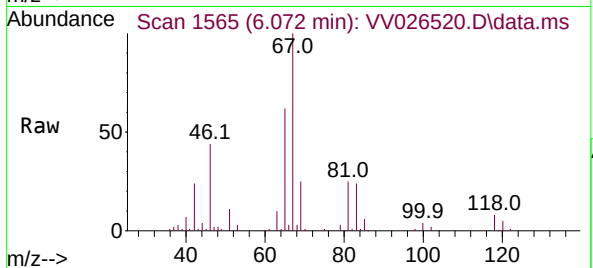
Tgt Ion: 83 Resp: 19906

Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.9 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026520.D

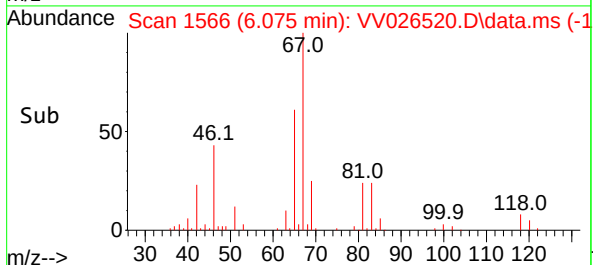
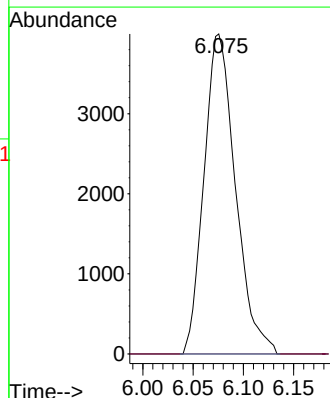
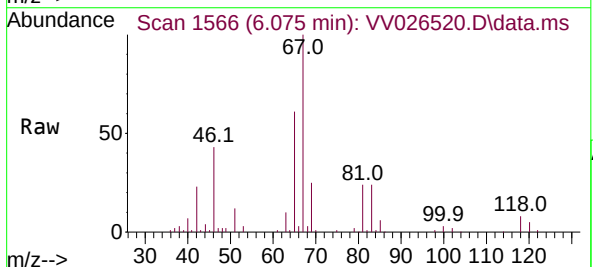
Acq: 23 Jun 2022 17:32

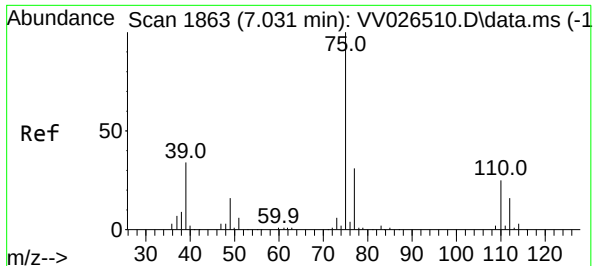
Tgt Ion: 63 Resp: 8704

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV026520.D

Acq: 23 Jun 2022 17:32

Instrument :

MSVOA_V

ClientSampleId :

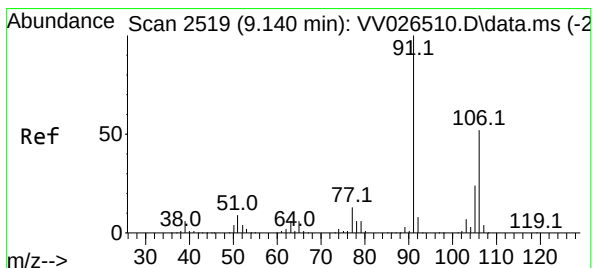
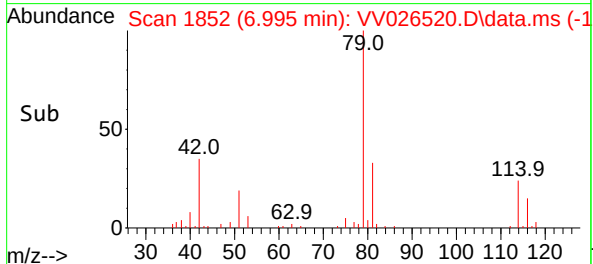
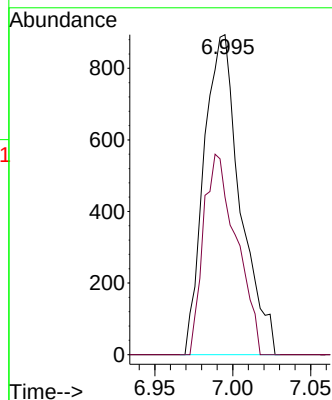
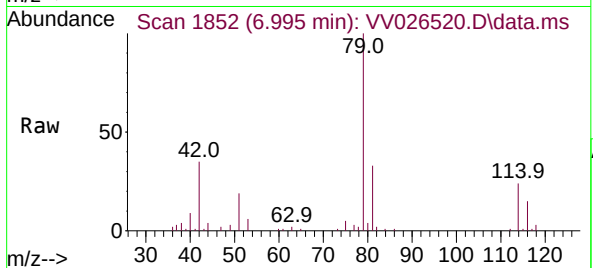
C0AL5

Tgt Ion: 75 Resp: 1444

Ion Ratio Lower Upper

75 100

77 49.2 22.8 42.4#



#53

m,p-Xylene

Concen: 0.069 ug/L

RT: 9.152 min Scan# 2523

Delta R.T. 0.013 min

Lab File: VV026520.D

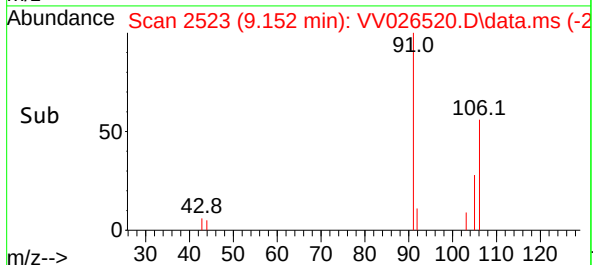
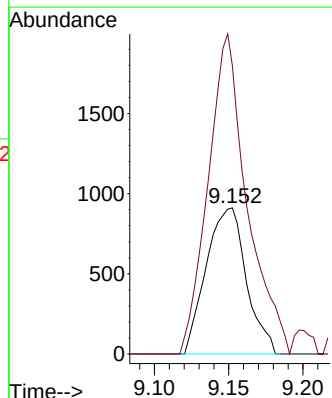
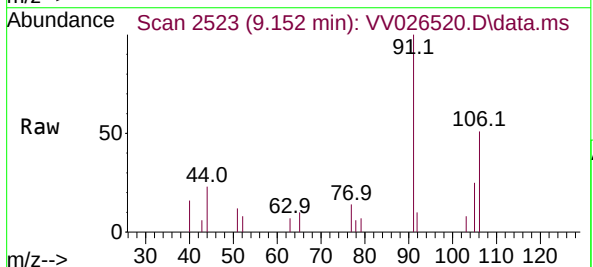
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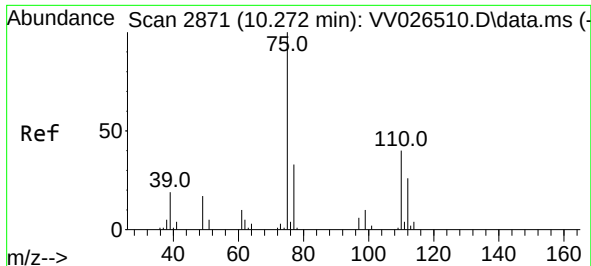
Tgt Ion: 106 Resp: 1711

Ion Ratio Lower Upper

106 100

91 197.4 139.9 259.9

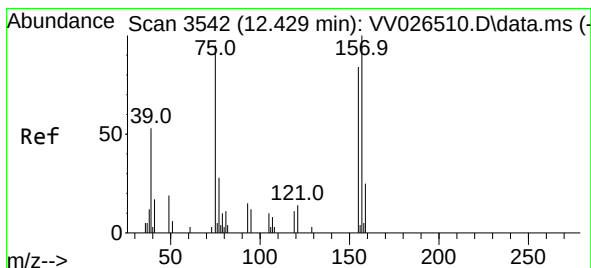
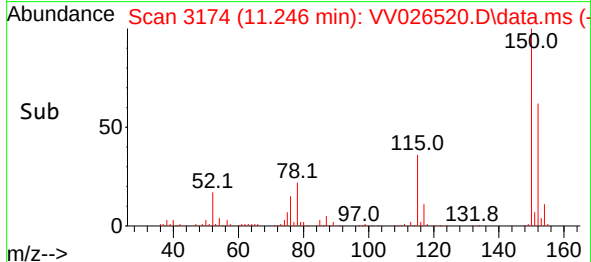
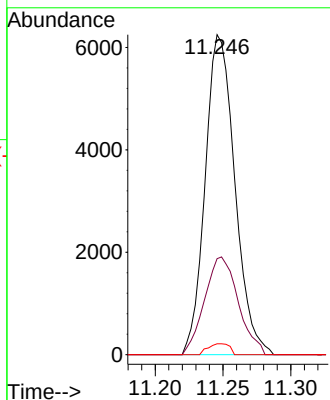
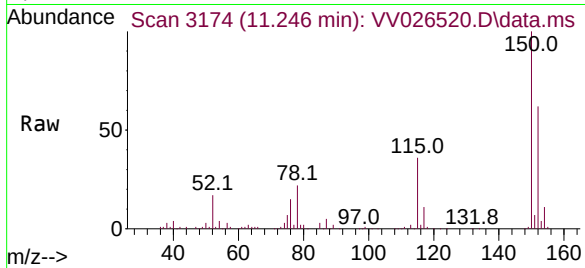




#61
 1,2,3-Trichloropropane
 Concen: 1.714 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026520.D
 Acq: 23 Jun 2022 17:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL5

Tgt Ion: 75 Resp: 9523
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.8 38.6
 110 2.5 32.5 48.7#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.125 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.180 min
 Lab File: VV026520.D
 Acq: 23 Jun 2022 17:32

Tgt Ion: 75 Resp: 125
 Ion Ratio Lower Upper
 75 100
 155 0.0 74.7 112.1#
 157 0.0 96.9 145.3#

