

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025584.D
 Acq On : 15 Apr 2022 22:44
 Operator : SY/MD
 Sample : N2438-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R5

Quant Time: Apr 16 04:48:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 04:36:16 2022
 Response via : Initial Calibration

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

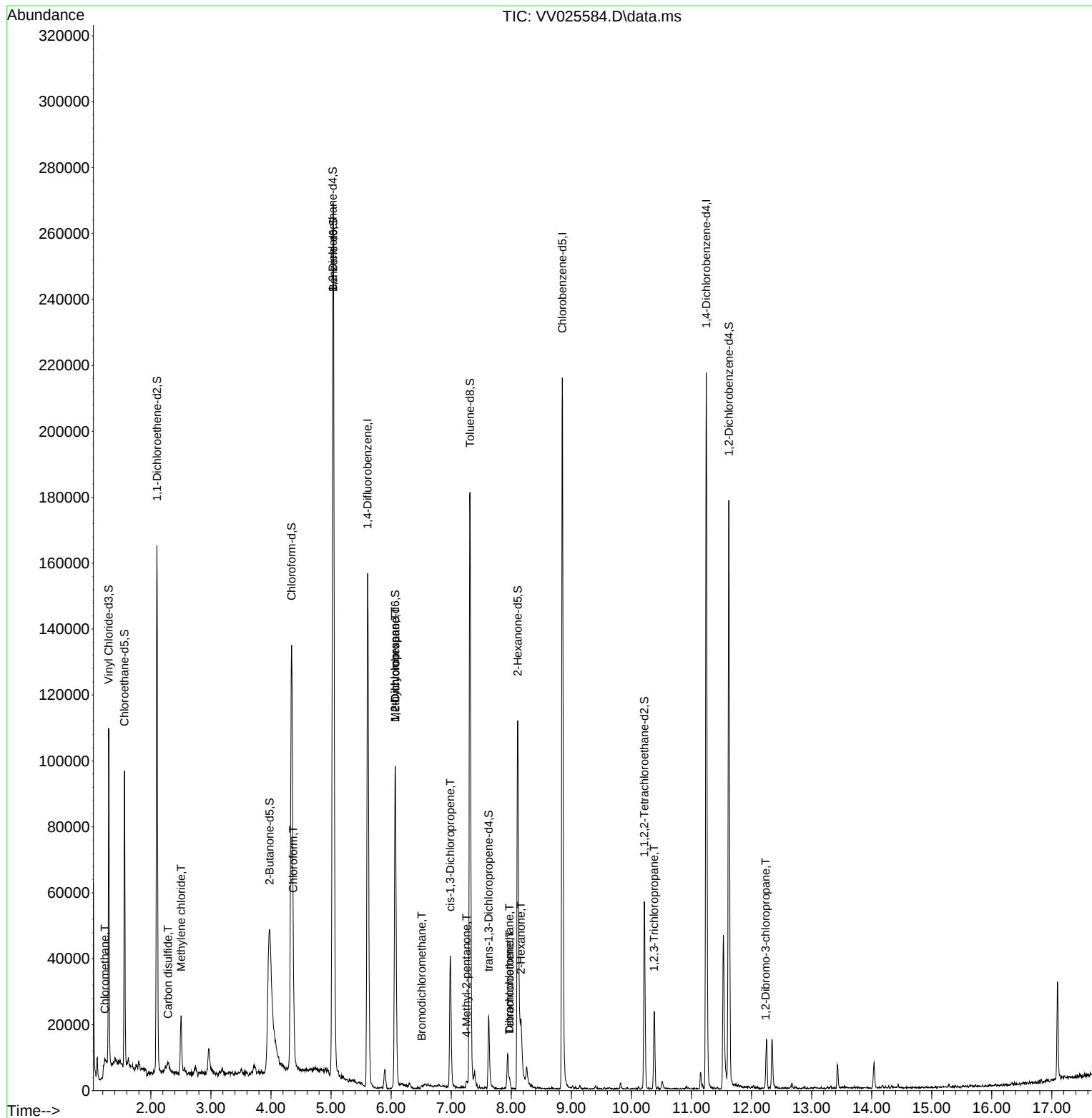
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	133667	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	56022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	59079	4.754	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.561	69	54446	4.118	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.102	63	86097	3.458	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.976	46	133907	88.584	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	177.160%#
24) Chloroform-d	4.343	84	125002	6.657	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	133.200%#
26) 1,2-Dichloroethane-d4	5.031	65	53878	6.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.200%#
32) Benzene-d6	5.037	84	214382	6.192	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.800%
36) 1,2-Dichloropropane-d6	6.069	67	45324	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.314	98	121120	3.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.625	79	11767	3.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.108	63	41334	36.290	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26528	4.349	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	44457	4.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	574	0.044	ug/L #	71
14) Carbon disulfide	2.285	76	1875	0.068	ug/L #	47
16) Methylene chloride	2.503	84	6852	0.610	ug/L	82
25) Chloroform	4.372	83	14368	0.827	ug/L	90
35) Methylcyclohexane	6.069	83	11684	0.780	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5334	0.652	ug/L #	85
38) Bromodichloromethane	6.510	83	741	0.073	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1148	0.107	ug/L #	42
40) 4-Methyl-2-pentanone	7.252	43	2003	0.612	ug/L #	84
47) Tetrachloroethene	7.976	164	752	0.102	ug/L	79
48) 2-Hexanone	8.162	43	10939	4.794	ug/L	90
49) Dibromochloromethane	7.969	129	607	0.101	ug/L #	11
61) 1,2,3-Trichloropropane	10.378	75	326	0.088	ug/L #	37
68) 1,2-Dibromo-3-chloropr...	12.236	75	274	0.430	ug/L #	2

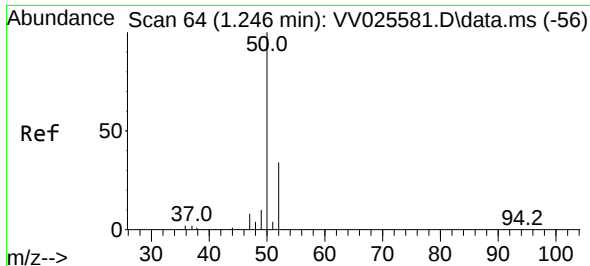
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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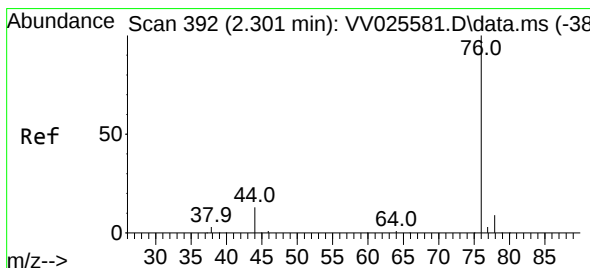
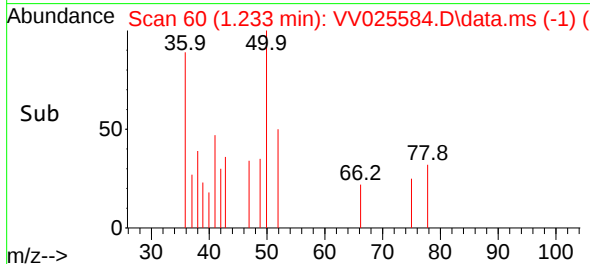
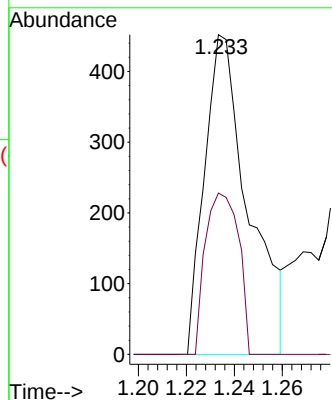
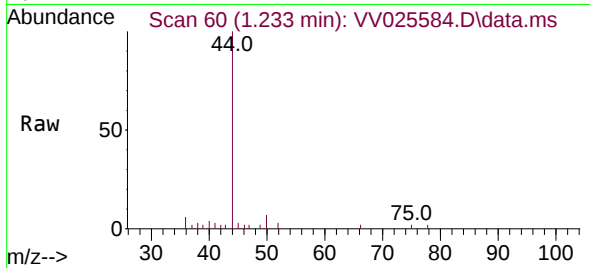




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.013 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

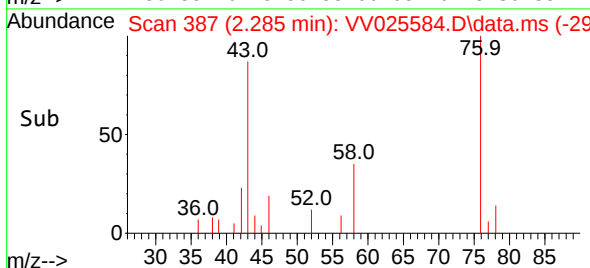
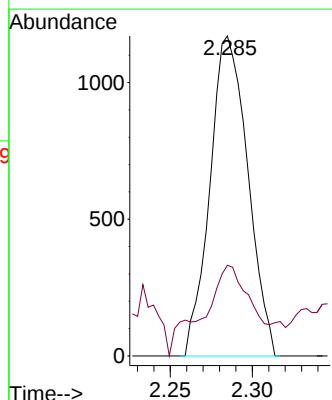
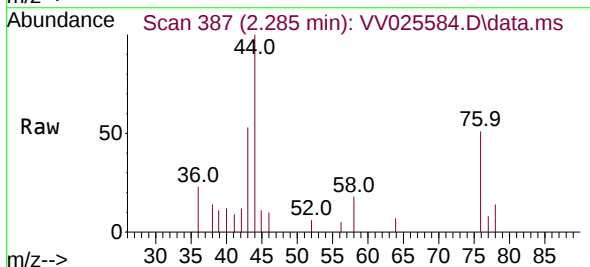
Instrument :
MSVOA_V
ClientSampleId :
EW6R5

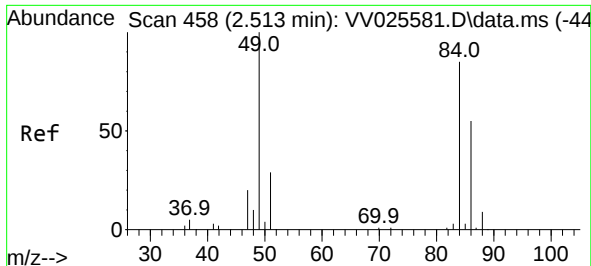
Tgt Ion: 50 Resp: 574
Ion Ratio Lower Upper
50 100
52 50.4 23.7 43.9#



#14
Carbon disulfide
Concen: 0.068 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.016 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

Tgt Ion: 76 Resp: 1875
Ion Ratio Lower Upper
76 100
78 28.4 7.3 10.9#

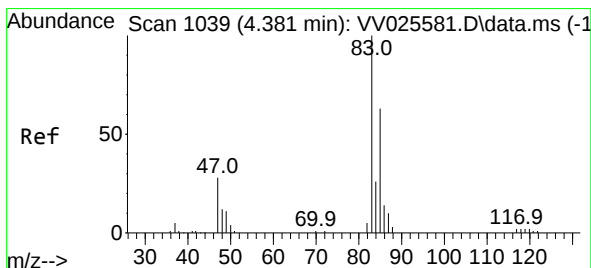
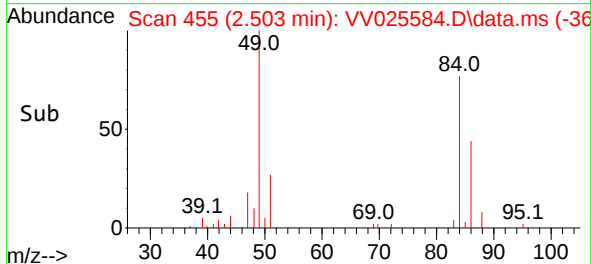
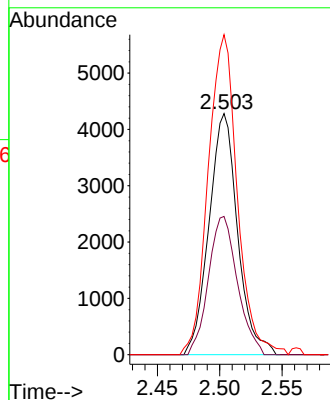
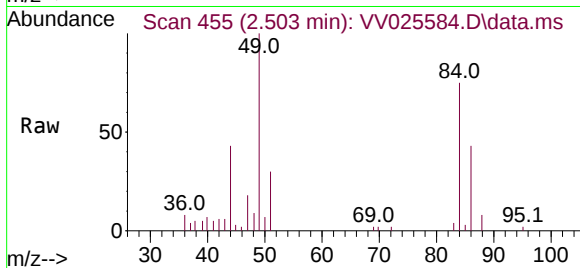




#16
Methylene chloride
Concen: 0.610 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.009 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

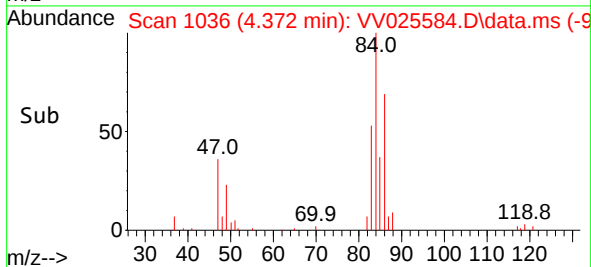
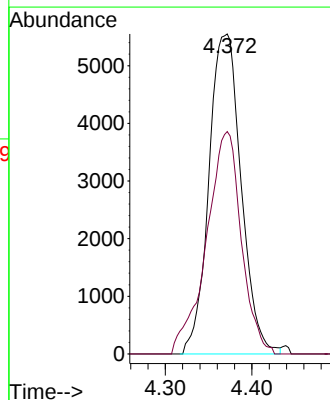
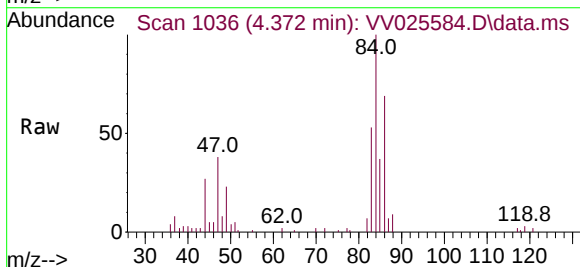
Instrument :
MSVOA_V
ClientSampleId :
EW6R5

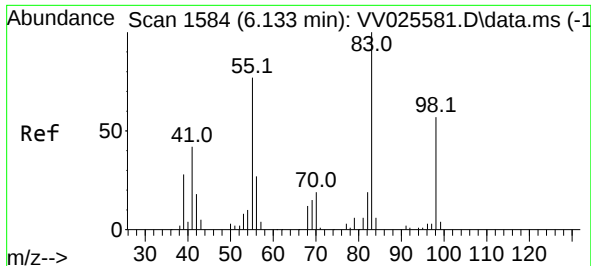
Tgt Ion: 84 Resp: 6852
Ion Ratio Lower Upper
84 100
86 57.3 45.9 85.3
49 132.7 76.6 142.3



#25
Chloroform
Concen: 0.827 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.009 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

Tgt Ion: 83 Resp: 14368
Ion Ratio Lower Upper
83 100
85 69.5 43.5 80.7

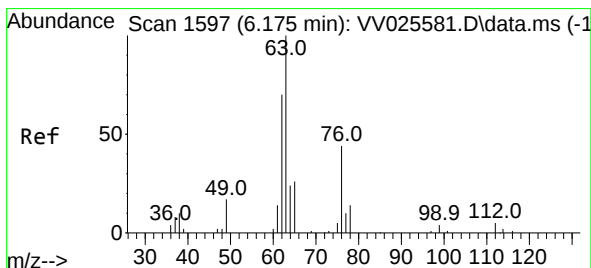
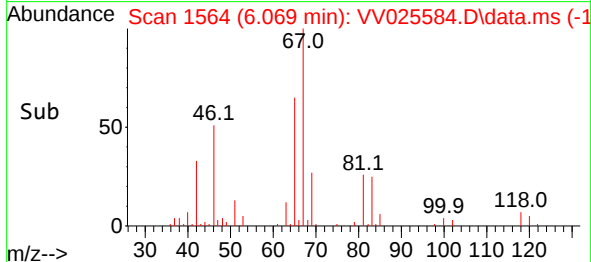
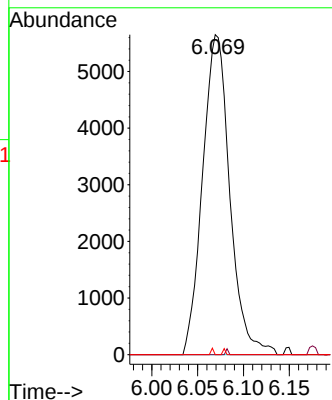
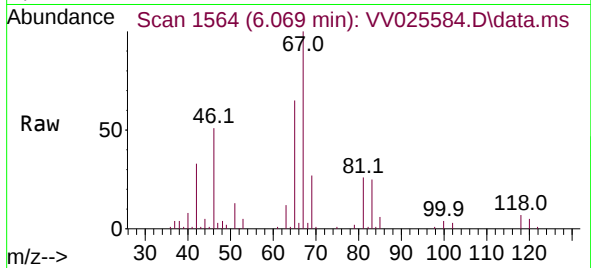




#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

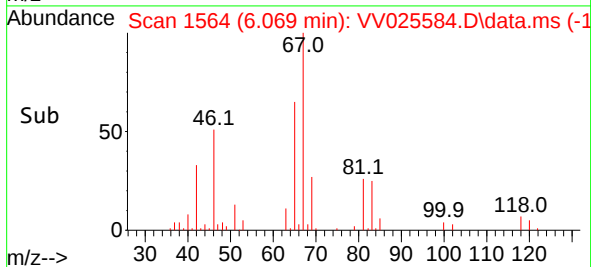
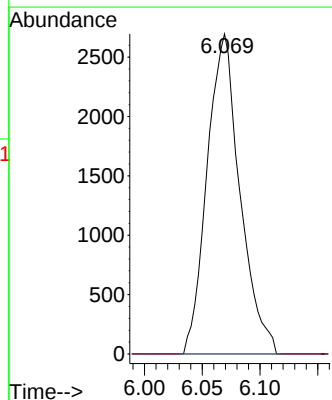
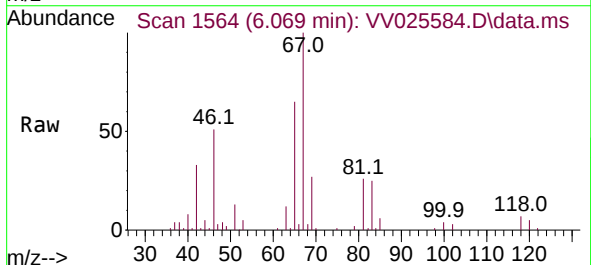
Instrument :
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ClientSampleId :
EW6R5

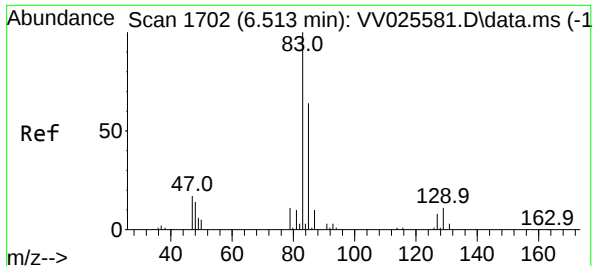
Tgt Ion: 83 Resp: 11684
Ion Ratio Lower Upper
83 100
55 0.2 53.7 80.5#
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

Tgt Ion: 63 Resp: 5334
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

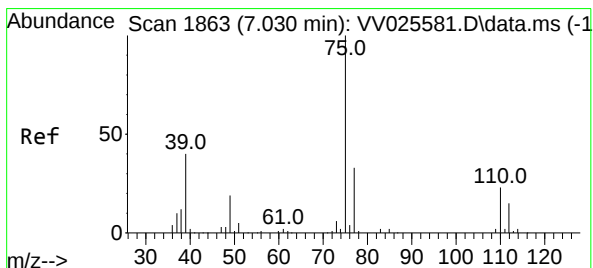
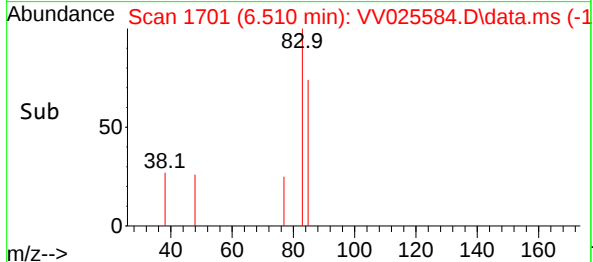
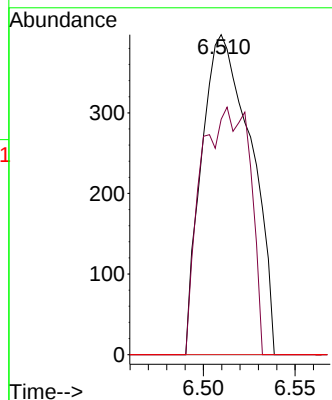
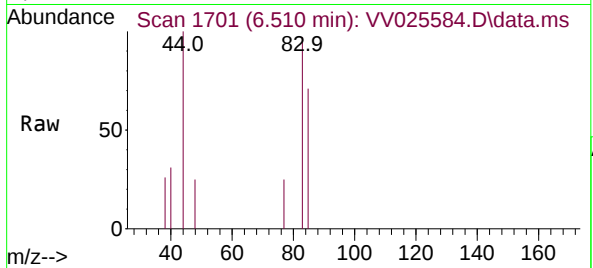




#38
Bromodichloromethane
Concen: 0.073 ug/L
RT: 6.510 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

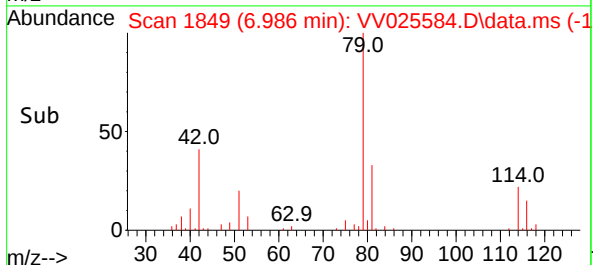
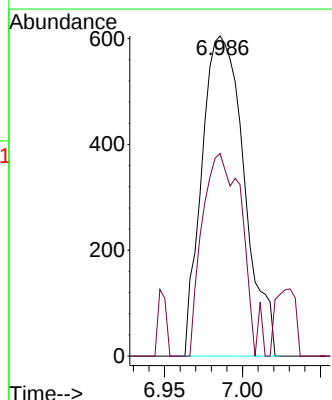
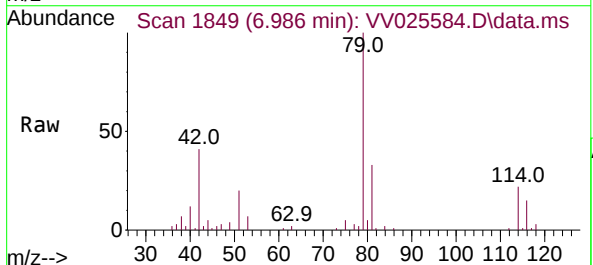
Instrument :
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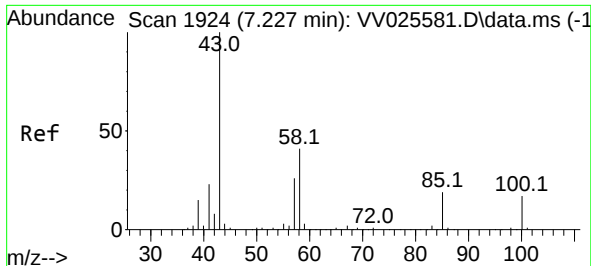
Tgt Ion: 83 Resp: 741
Ion Ratio Lower Upper
83 100
85 73.6 44.4 82.4
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

Tgt Ion: 75 Resp: 1148
Ion Ratio Lower Upper
75 100
77 63.3 21.8 40.6#





#40

4-Methyl-2-pentanone

Concen: 0.612 ug/L

RT: 7.252 min Scan# 1924

Delta R.T. 0.026 min

Lab File: VV025584.D

Acq: 15 Apr 2022 22:44

Instrument :

MSVOA_V

ClientSampleId :

EW6R5

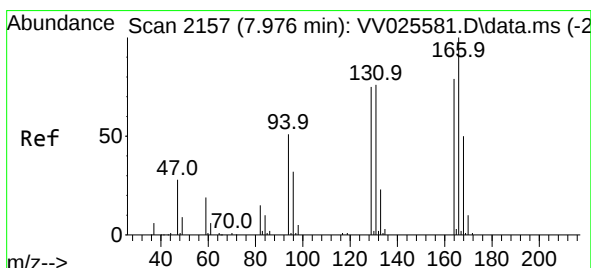
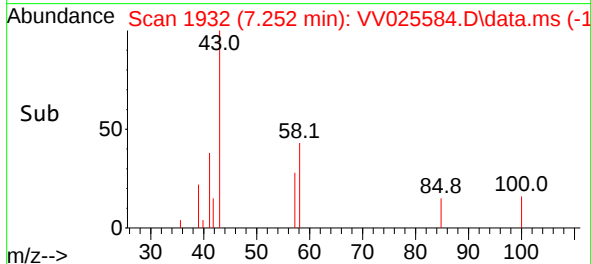
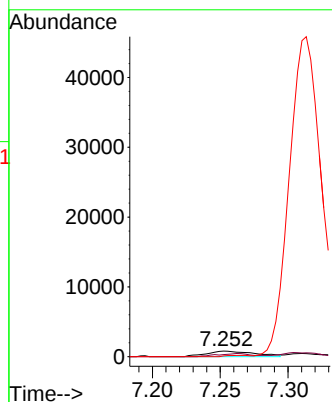
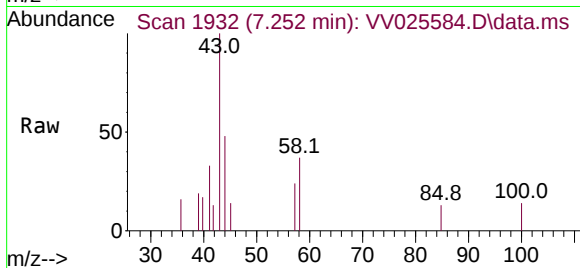
Tgt Ion: 43 Resp: 2003

Ion Ratio Lower Upper

43 100

58 41.0 35.1 52.7

100 0.0 15.3 22.9#



#47

Tetrachloroethene

Concen: 0.102 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025584.D

Acq: 15 Apr 2022 22:44

Tgt Ion: 164 Resp: 752

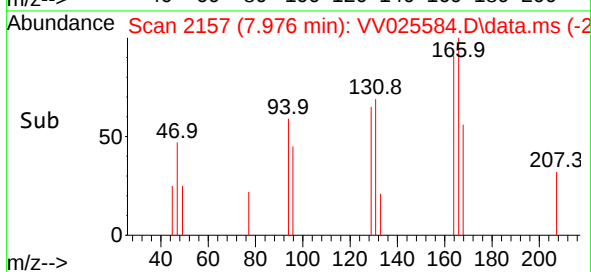
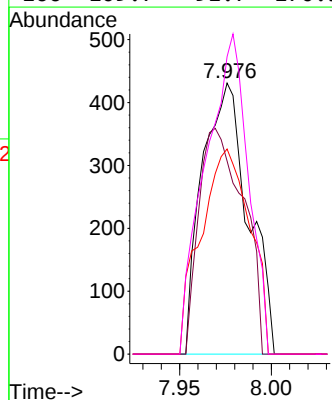
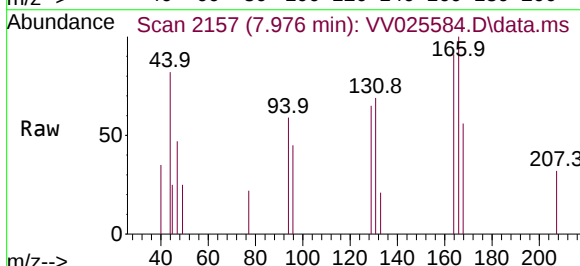
Ion Ratio Lower Upper

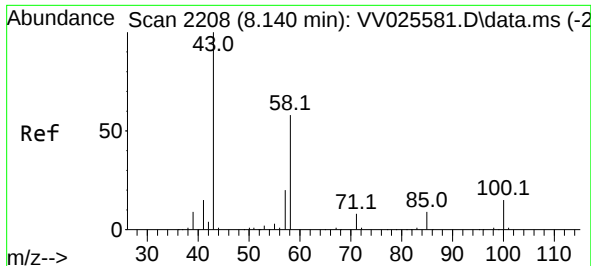
164 100

129 71.2 66.8 124.2

131 75.6 66.4 123.4

166 109.7 91.7 170.3

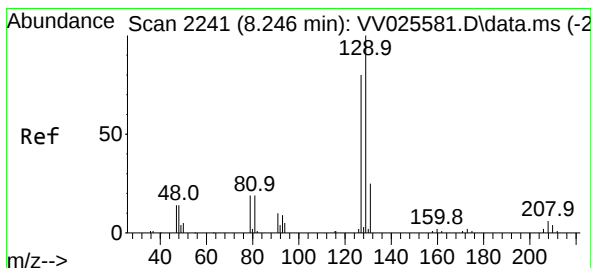
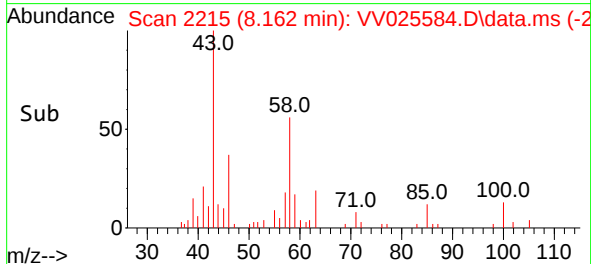
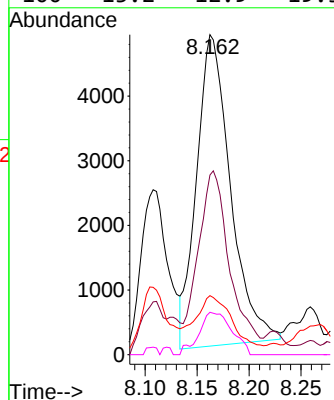
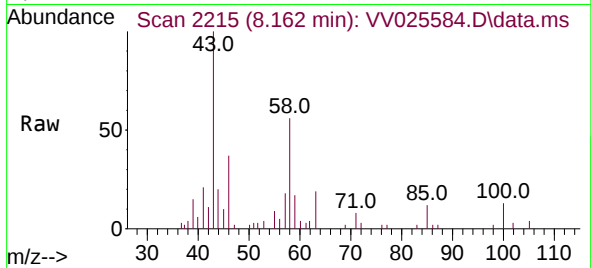




#48
2-Hexanone
Concen: 4.794 ug/L
RT: 8.162 min Scan# 2115
Delta R.T. 0.023 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

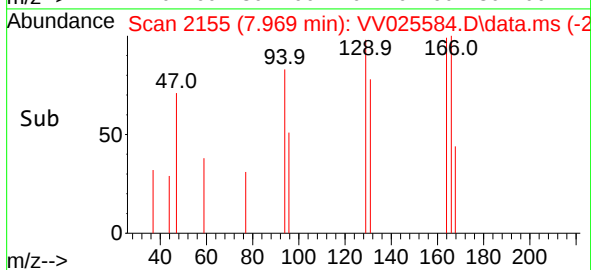
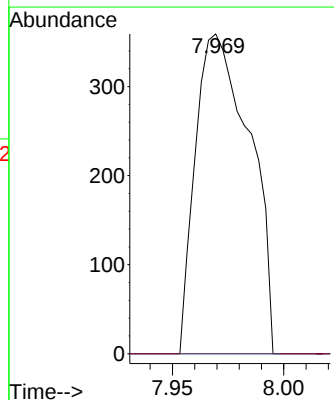
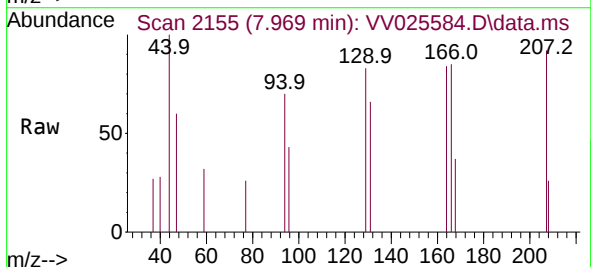
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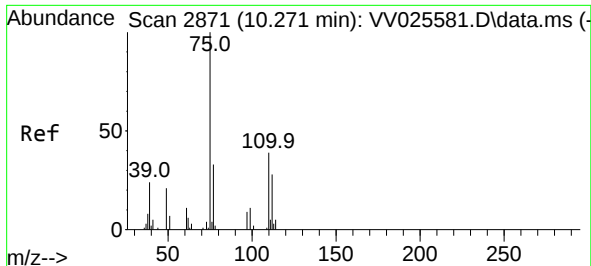
Tgt Ion: 43	Resp: 10939
Ion Ratio	Lower Upper
43 100	
58 52.6	49.7 74.5
57 17.4	16.4 24.6
100 13.2	12.9 19.3



#49
Dibromochloromethane
Concen: 0.101 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.276 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

Tgt Ion:129	Resp:	607	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#

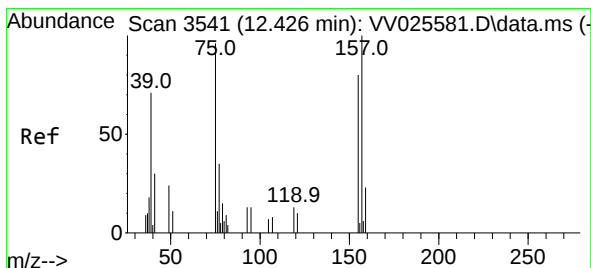
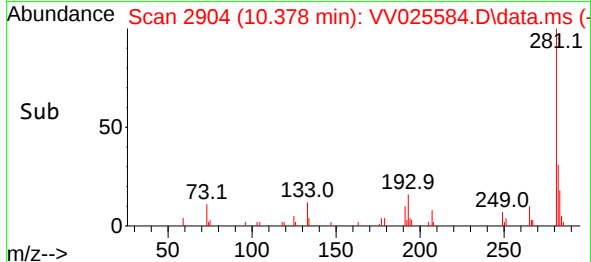
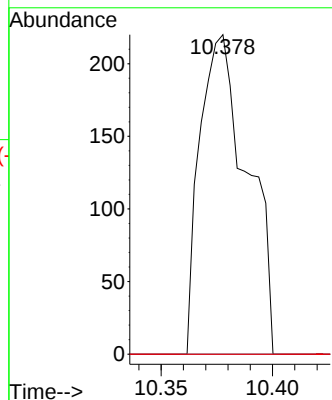
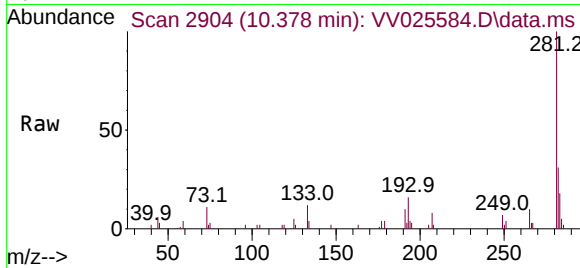




#61
1,2,3-Trichloropropane
Concen: 0.088 ug/L
RT: 10.378 min Scan# 2904
Delta R.T. 0.106 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

Instrument :
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Tgt Ion: 75 Resp: 326
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 0.0 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.430 ug/L
RT: 12.236 min Scan# 3482
Delta R.T. -0.190 min
Lab File: VV025584.D
Acq: 15 Apr 2022 22:44

Tgt Ion: 75 Resp: 274
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

