

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050222\
 Data File : VW025761.D
 Acq On : 02 May 2022 13:24
 Operator : SY/MD
 Sample : N2612-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 03 05:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 05:22:31 2022
 Response via : Initial Calibration

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

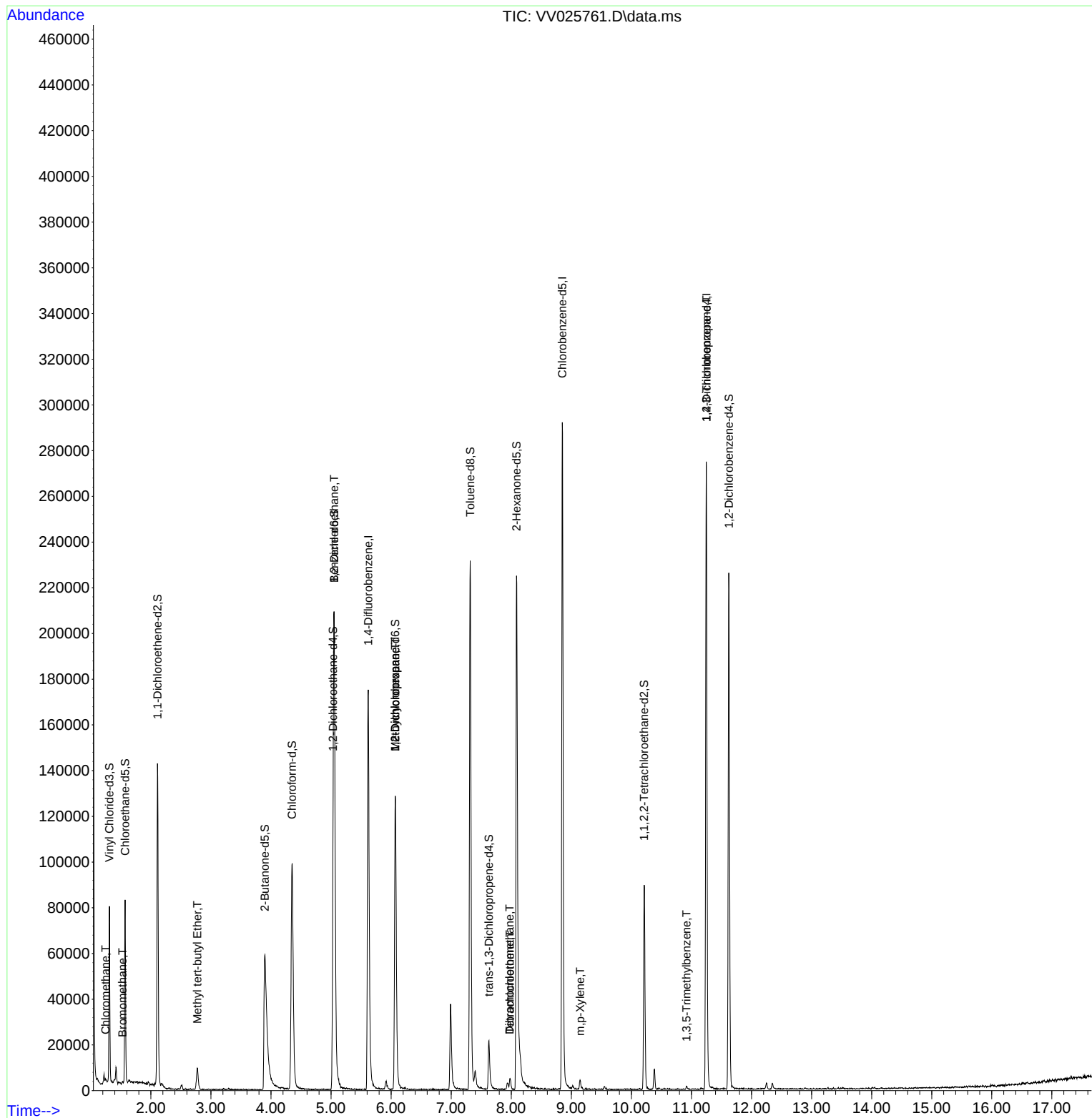
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154903	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	44336	3.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.571	69	50014	3.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.111	63	75146	2.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.000%#
20) 2-Butanone-d5	3.896	46	107152	61.167	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.340%
24) Chloroform-d	4.352	84	103313	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.034	65	48362	5.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.053	84	192238	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.069	67	62653	4.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.317	98	155557	3.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.628	79	12577	2.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.400%
46) 2-Hexanone-d5	8.088	63	75721	49.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42917	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	57555	4.777	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
3) Chloromethane	1.246	50	856	0.056	ug/L	90
6) Bromomethane	1.529	94	568	0.046	ug/L	86
17) Methyl tert-butyl Ether	2.773	73	8587	0.413	ug/L #	94
27) 1,2-Dichloroethane	5.053	62	1150	0.108	ug/L #	71
35) Methylcyclohexane	6.069	83	14771	0.731	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7455	0.676	ug/L #	85
47) Tetrachloroethene	7.979	164	945	0.095	ug/L	81
49) Dibromochloromethane	7.976	129	1384	0.171	ug/L #	11
53) m,p-Xylene	9.146	106	1479	0.070	ug/L	70
61) 1,2,3-Trichloropropane	11.249	75	8708	1.840	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	978	0.049	ug/L	93

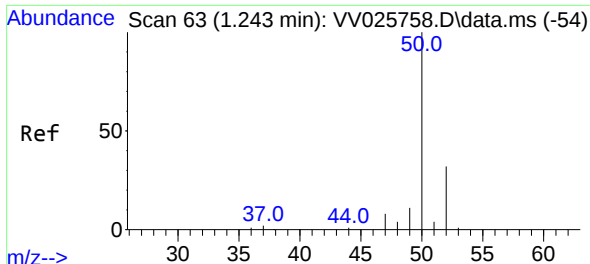
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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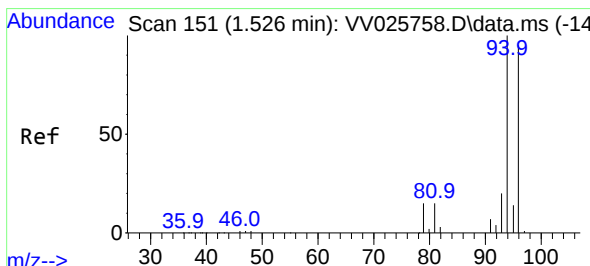
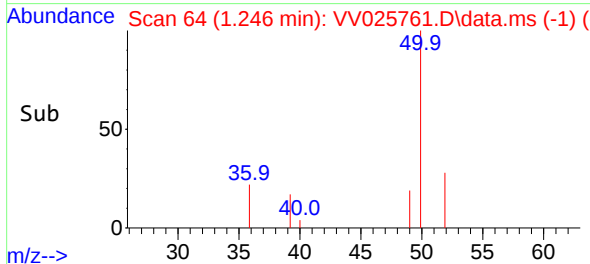
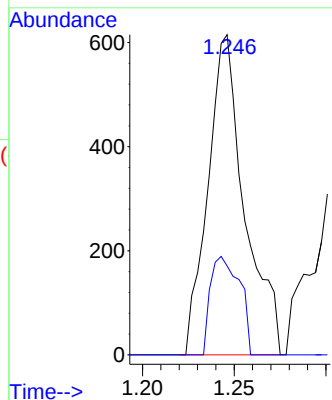
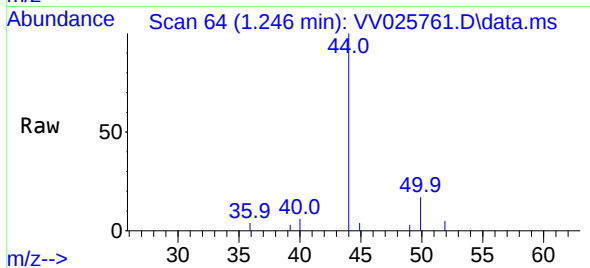




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

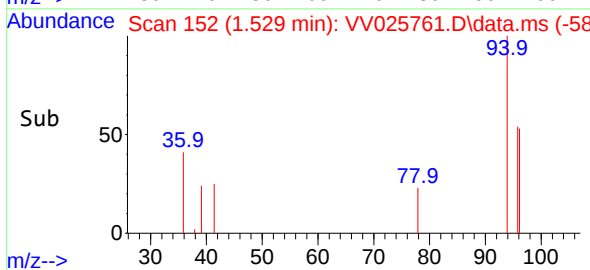
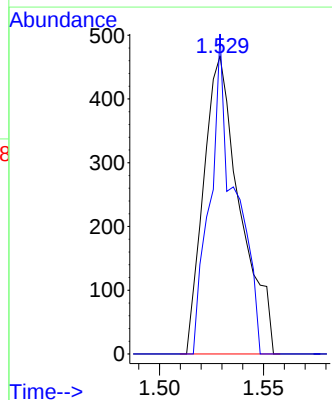
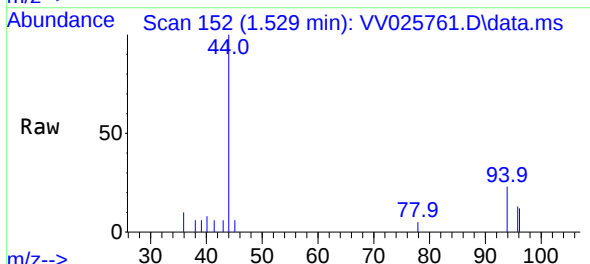
Instrument :
MSVOA_V
ClientSampleId :

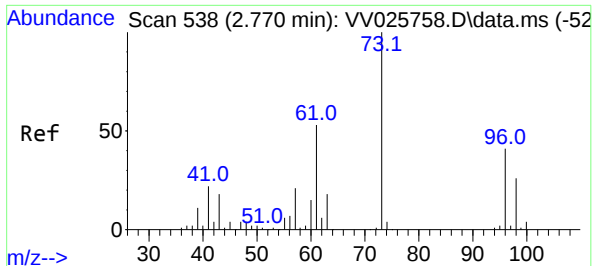
Tgt Ion: 50 Resp: 856
Ion Ratio Lower Upper
50 100
52 27.8 23.7 43.9



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.003 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

Tgt Ion: 94 Resp: 568
Ion Ratio Lower Upper
94 100
96 107.5 66.1 122.7

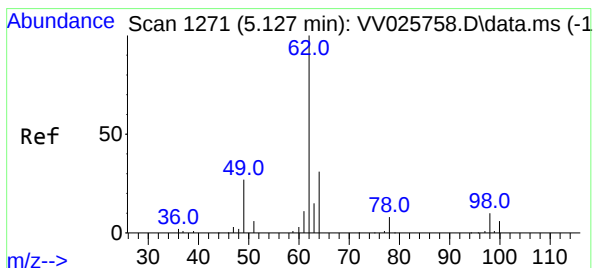
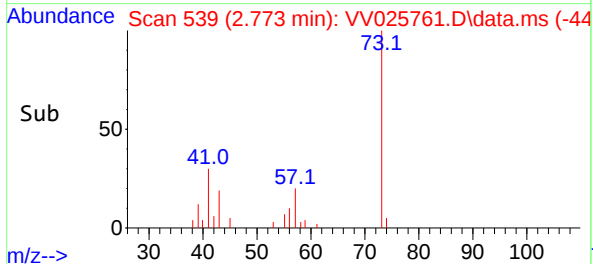
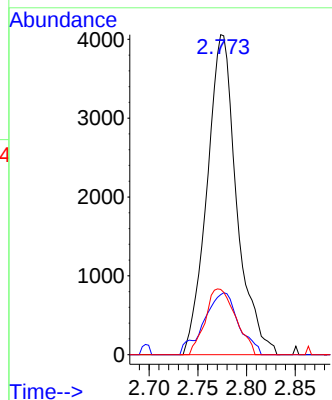
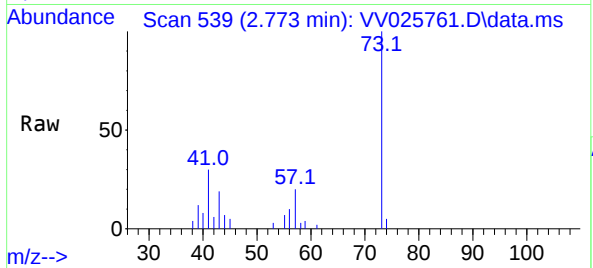




#17
Methyl tert-butyl Ether
Concen: 0.413 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

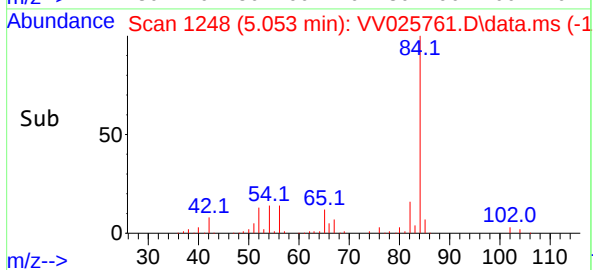
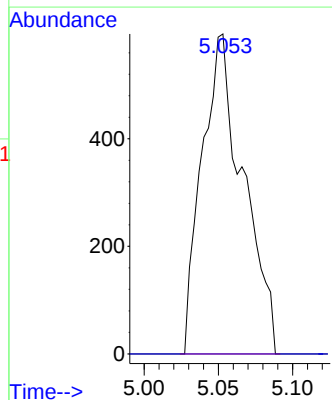
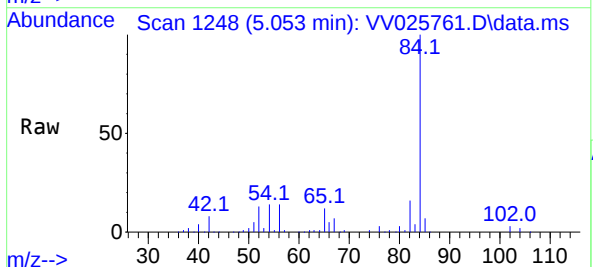
Instrument :
MSVOA_V
ClientSampleId :

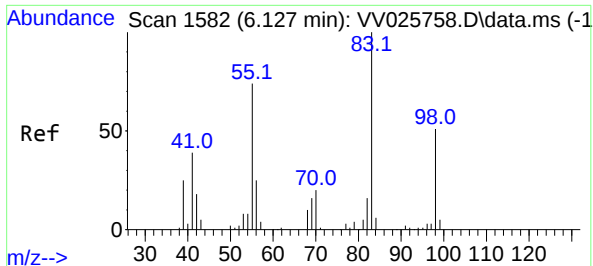
Tgt Ion: 73 Resp: 8587
Ion Ratio Lower Upper
73 100
43 22.5 14.2 21.4#
57 21.0 16.1 24.1



#27
1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.074 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

Tgt Ion: 62 Resp: 1150
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV025761.D

Acq: 02 May 2022 13:24

Instrument :

MSVOA_V

ClientSampleId :

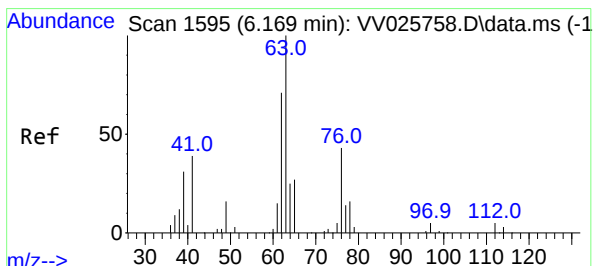
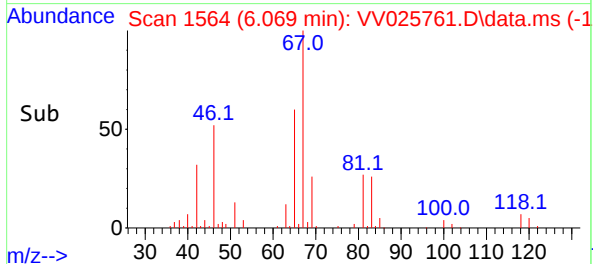
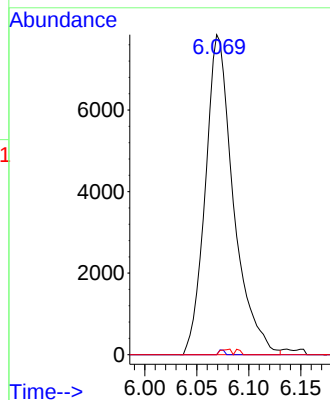
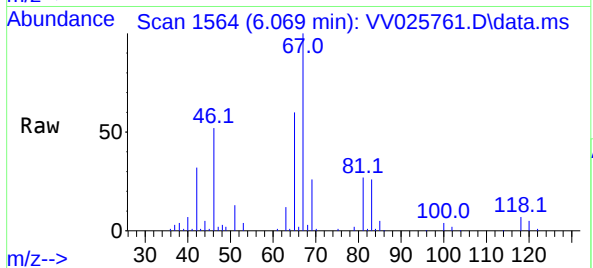
Tgt Ion: 83 Resp: 14771

Ion Ratio Lower Upper

83 100

55 0.3 53.7 80.5#

98 0.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025761.D

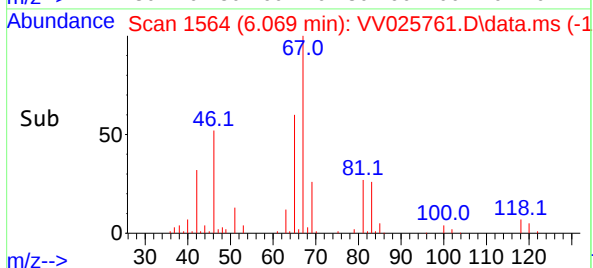
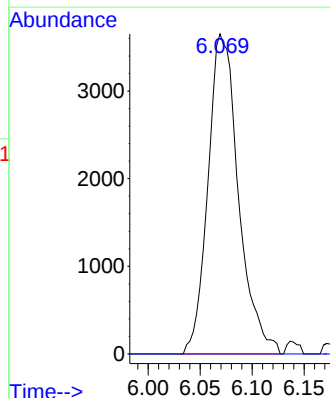
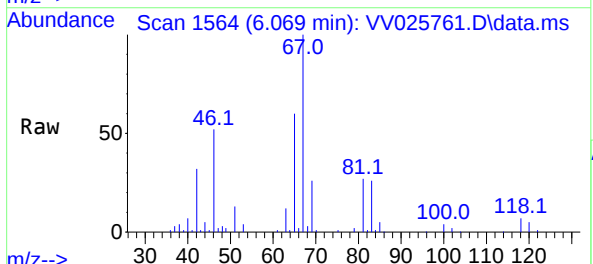
Acq: 02 May 2022 13:24

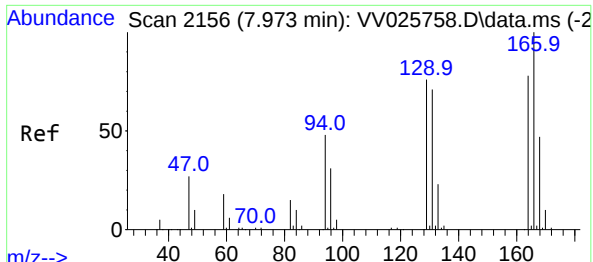
Tgt Ion: 63 Resp: 7455

Ion Ratio Lower Upper

63 100

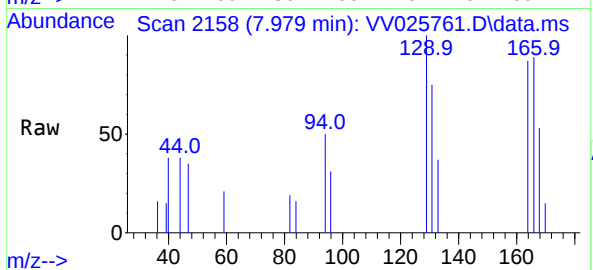
112 0.0 3.8 5.8#





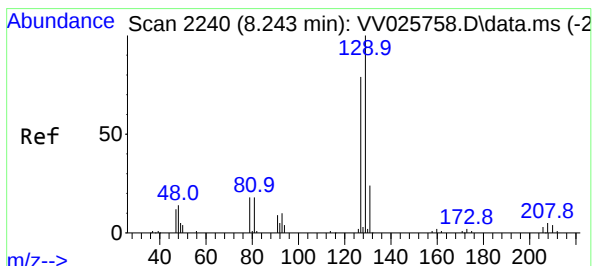
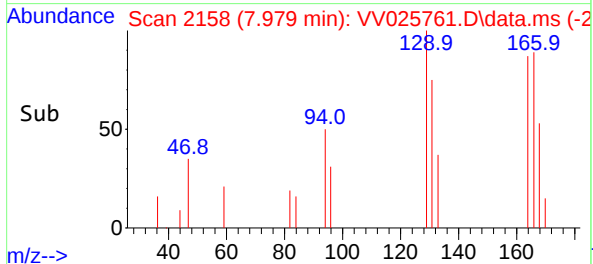
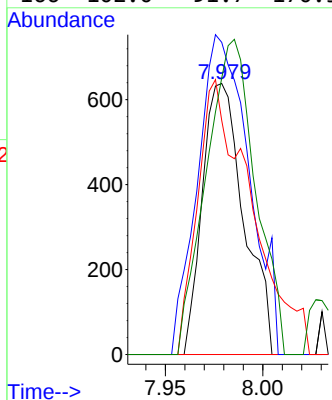
#47
Tetrachloroethene
Concen: 0.095 ug/L
RT: 7.979 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 945

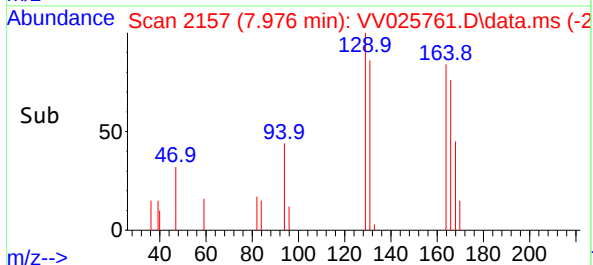
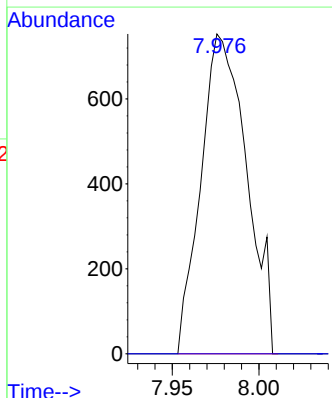
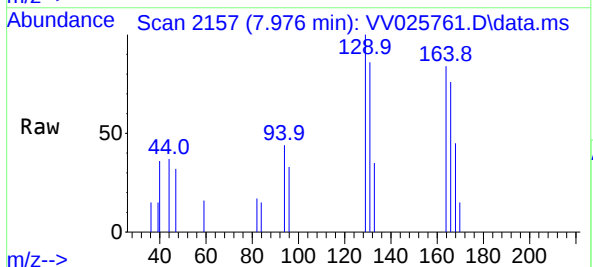
Ion	Ratio	Lower	Upper
164	100		
129	115.2	66.8	124.2
131	86.4	66.4	123.4
166	102.0	91.7	170.3

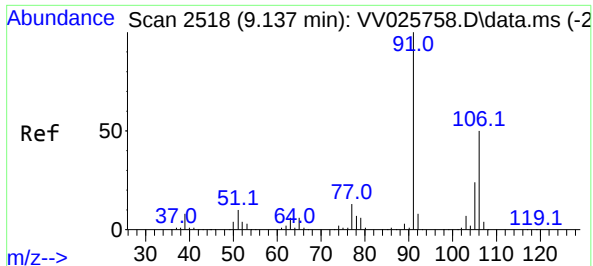


#49
Dibromochloromethane
Concen: 0.171 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

Tgt Ion:129 Resp: 1384

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#

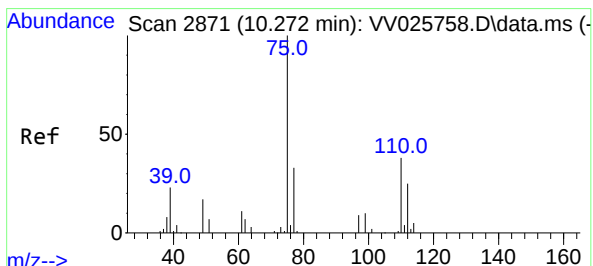
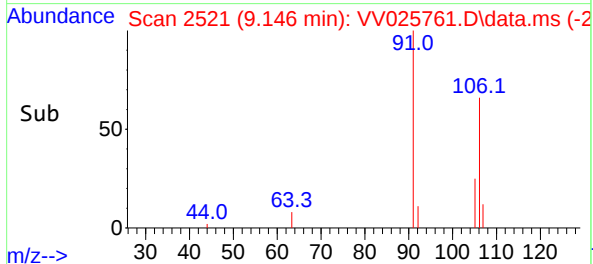
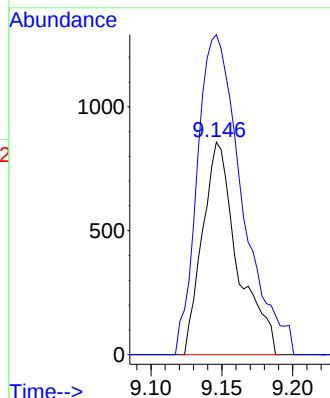
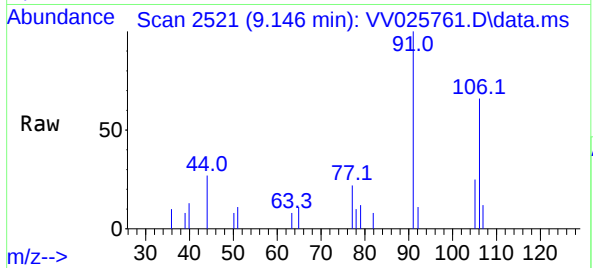




#53
m,p-Xylene
Concen: 0.070 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

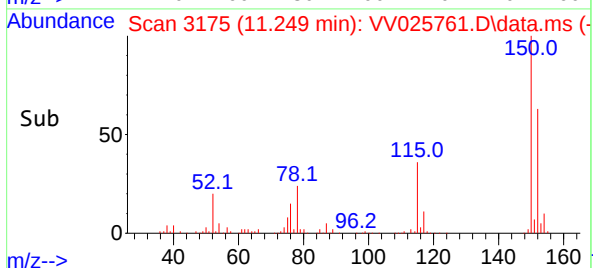
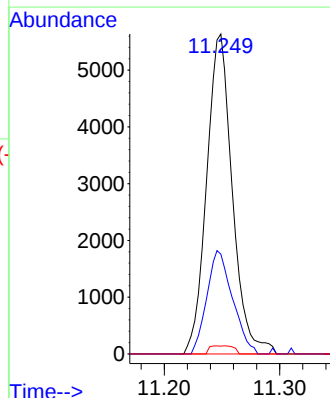
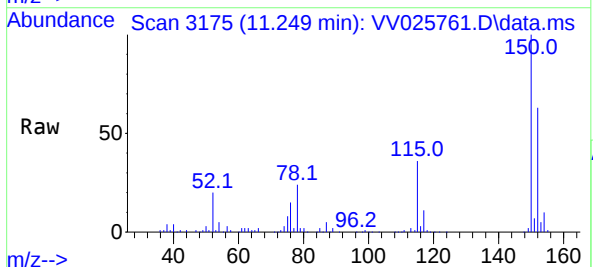
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1479
Ion Ratio Lower Upper
106 100
91 150.6 136.4 253.4

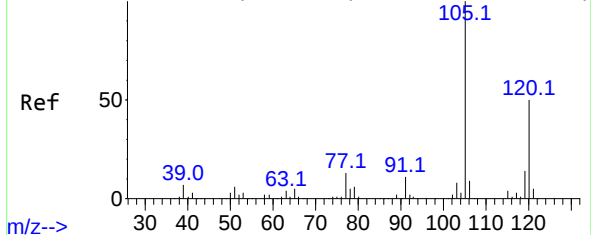


#61
1,2,3-Trichloropropane
Concen: 1.840 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

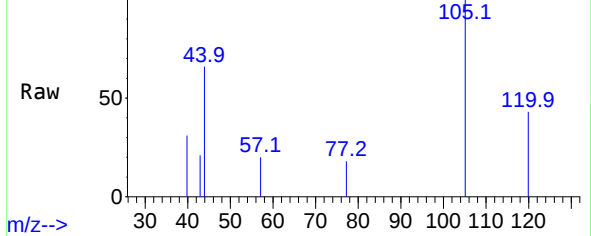
Tgt Ion: 75 Resp: 8708
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 2.3 34.7 52.1#



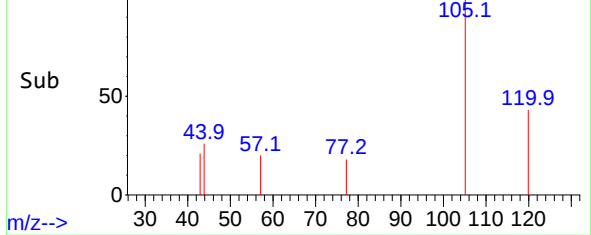
Abundance Scan 2953 (10.535 min): VV025758.D\data.ms (-



Abundance Scan 3072 (10.918 min): VV025761.D\data.ms (-



Abundance Scan 3072 (10.918 min): VV025761.D\data.ms (-



#62
1,3,5-Trimethylbenzene
Concen: 0.049 ug/L
RT: 10.918 min Scan# 30
Delta R.T. 0.382 min
Lab File: VV025761.D
Acq: 02 May 2022 13:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 978
Ion Ratio Lower Upper
105 100
120 44.8 39.6 59.4

