

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027558.D
 Acq On : 29 Aug 2022 13:30
 Operator : SY/MD
 Sample : N4366-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E77

Quant Time: Aug 30 04:18:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

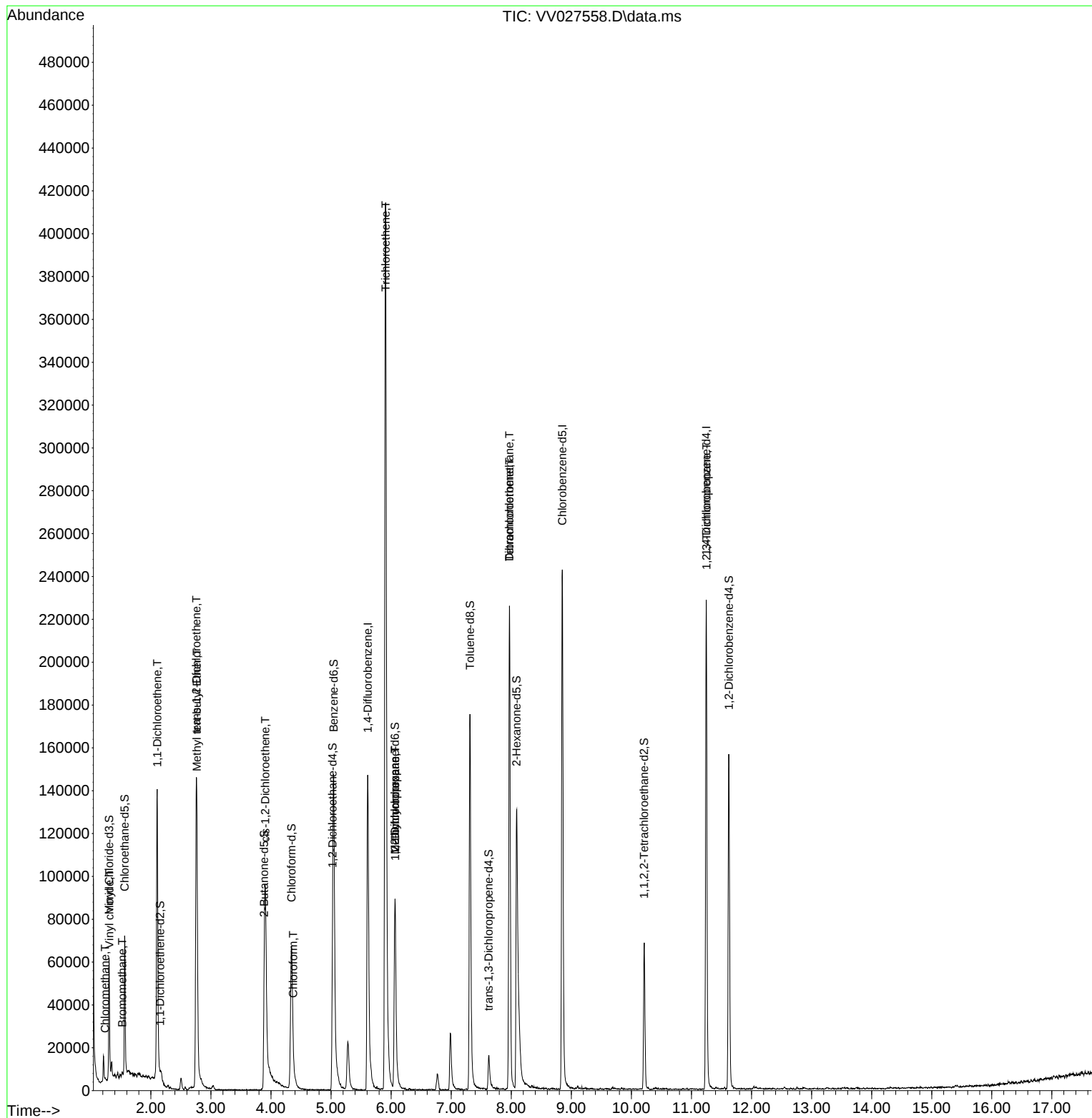
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	135288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41457	4.306	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.564	69	41496	5.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.800%
11) 1,1-Dichloroethene-d2	2.156	63	3089	0.138	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	2.800%#
20) 2-Butanone-d5	3.886	46	36788	30.701	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.400%
24) Chloroform-d	4.342	84	72339	3.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	5.024	65	35914	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.043	84	141643	3.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
36) 1,2-Dichloropropane-d6	6.066	67	43568	3.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.313	98	122286	3.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.625	79	9770	2.476	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.600%#
46) 2-Hexanone-d5	8.088	63	51871	39.933	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.860%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32945	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	40538	4.477	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1077	0.086	ug/L	99
5) Vinyl chloride	1.310	62	734	0.058	ug/L #	1
6) Bromomethane	1.522	94	731	0.117	ug/L	88
12) 1,1-Dichloroethene	2.108	96	1347	0.132	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	77646	3.666	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	30537	2.896	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	46461	4.134	ug/L	97
25) Chloroform	4.371	83	5423	0.228	ug/L	76
34) Trichloroethene	5.908	95	153809	12.283	ug/L	97
35) Methylcyclohexane	6.066	83	11274	0.640	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	5721	0.451	ug/L #	85
47) Tetrachloroethene	7.969	164	50791	5.207	ug/L	98
49) Dibromochloromethane	7.969	129	47046	4.717	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6998	1.306	ug/L #	68

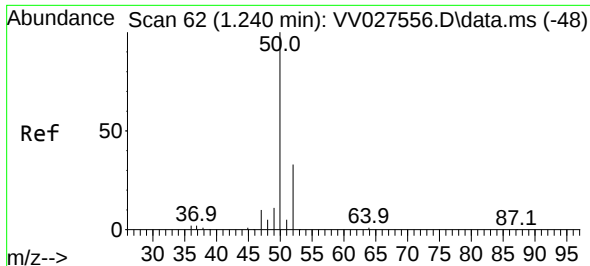
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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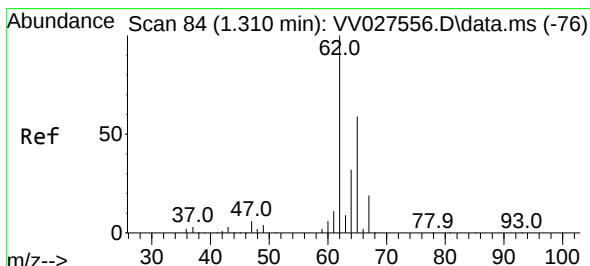
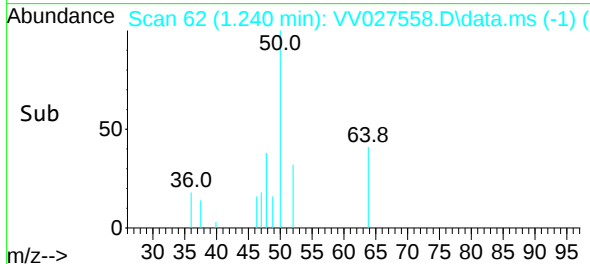
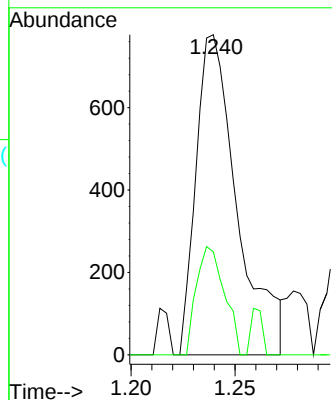
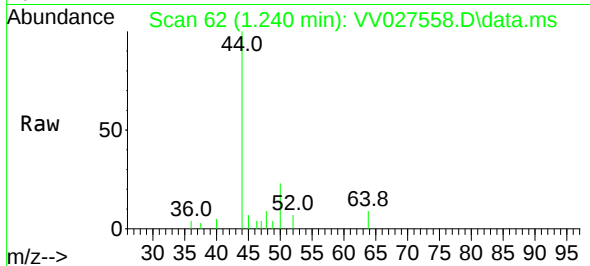




#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027558.D
Acq: 29 Aug 2022 13:30

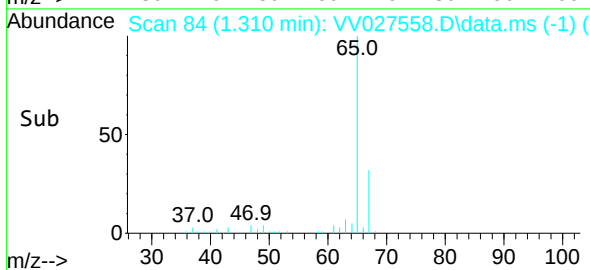
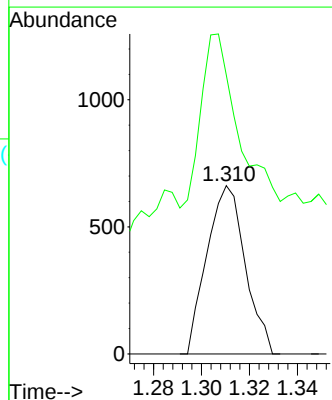
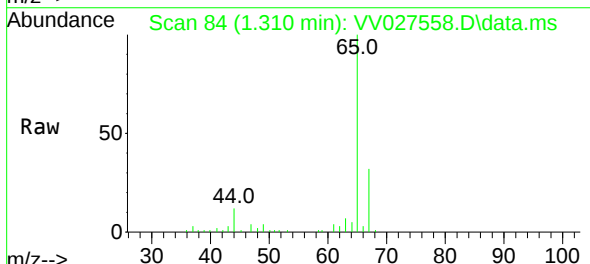
Instrument :
MSVOA_V
ClientSampleId :
F5E77

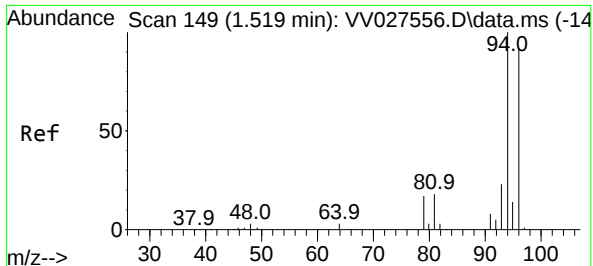
Tgt Ion: 50 Resp: 1077
Ion Ratio Lower Upper
50 100
52 32.2 22.8 42.4



#5
Vinyl chloride
Concen: 0.058 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV027558.D
Acq: 29 Aug 2022 13:30

Tgt Ion: 62 Resp: 734
Ion Ratio Lower Upper
62 100
64 165.9 22.6 42.0#

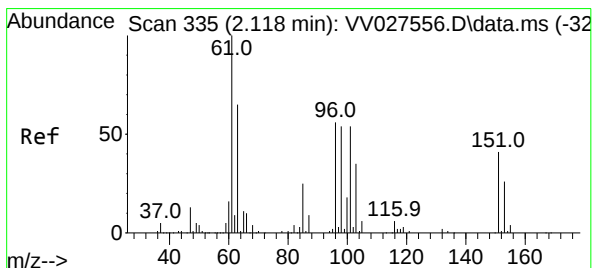
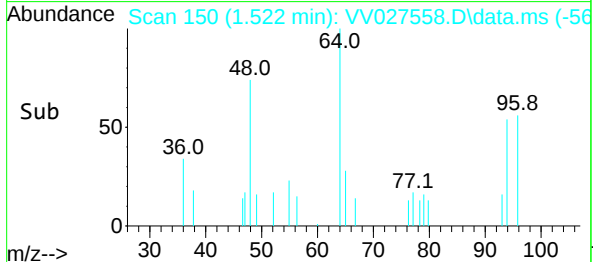
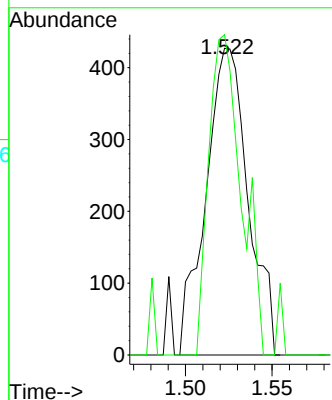
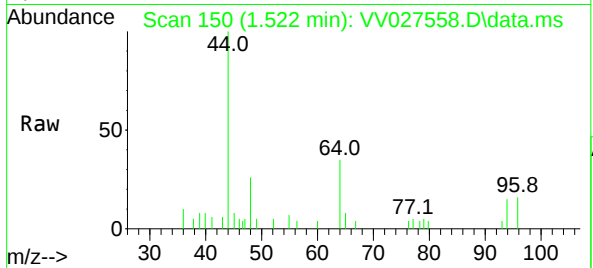




#6
Bromomethane
Concen: 0.117 ug/L
RT: 1.522 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027558.D
Acq: 29 Aug 2022 13:30

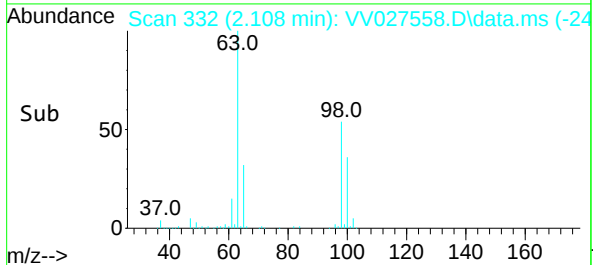
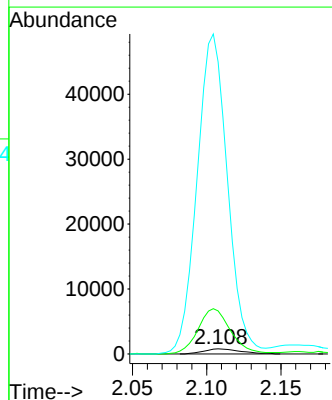
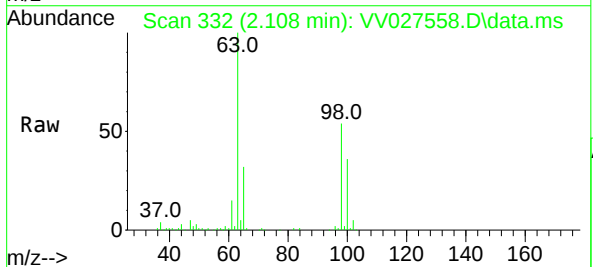
Instrument :
MSVOA_V
ClientSampleId :
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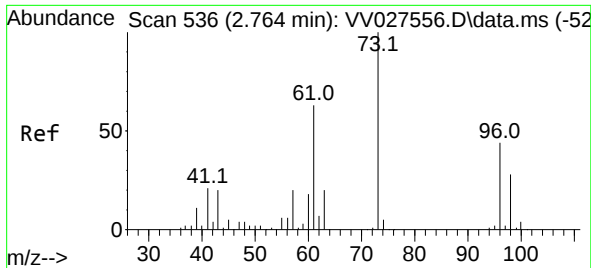
Tgt Ion: 94 Resp: 731
Ion Ratio Lower Upper
94 100
96 104.4 65.2 121.0



#12
1,1-Dichloroethene
Concen: 0.132 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV027558.D
Acq: 29 Aug 2022 13:30

Tgt Ion: 96 Resp: 1347
Ion Ratio Lower Upper
96 100
61 837.3 130.2 241.8#
63 5683.9 87.4 162.4#

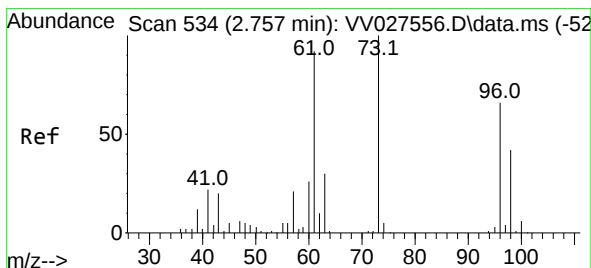
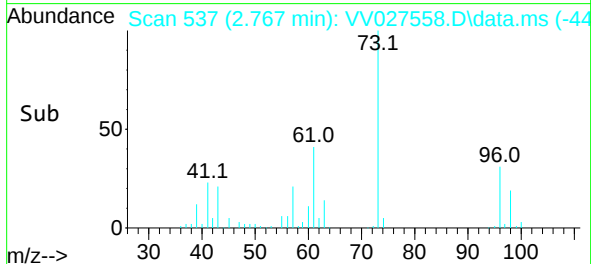
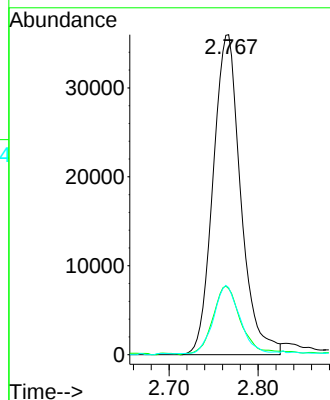
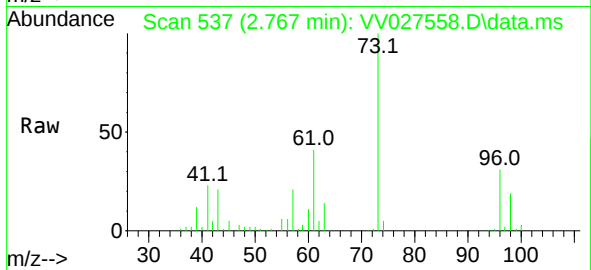




#17
Methyl tert-butyl Ether
Concen: 3.666 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027558.D
Acq: 29 Aug 2022 13:30

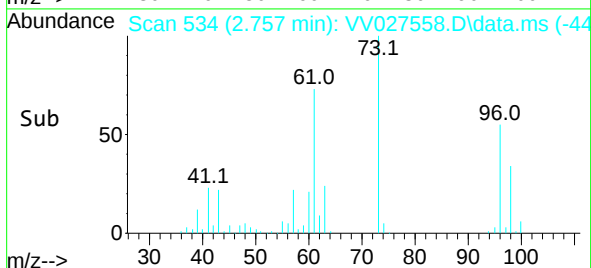
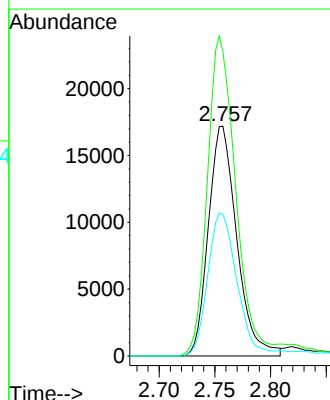
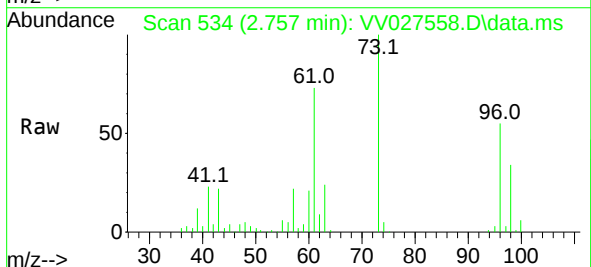
Instrument :
MSVOA_V
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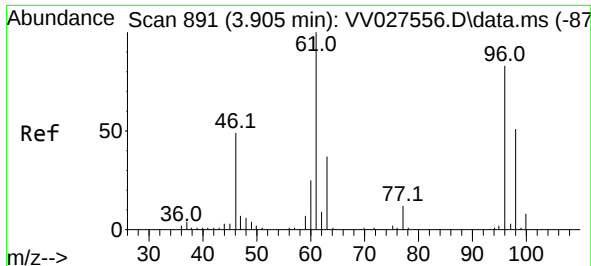
Tgt Ion: 73 Resp: 77646
Ion Ratio Lower Upper
73 100
43 22.4 15.6 23.4
57 20.2 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 2.896 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027558.D
Acq: 29 Aug 2022 13:30

Tgt Ion: 96 Resp: 30537
Ion Ratio Lower Upper
96 100
61 132.4 97.6 181.4
98 61.6 45.9 85.3

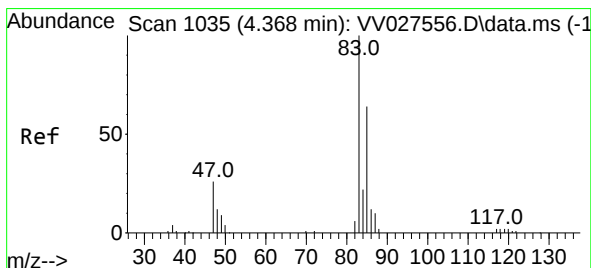
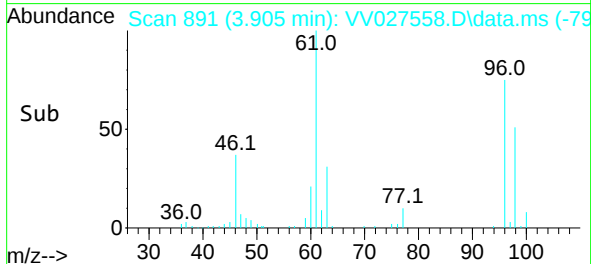
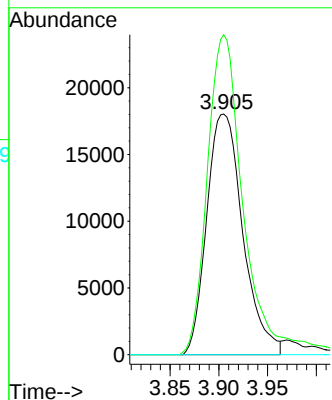
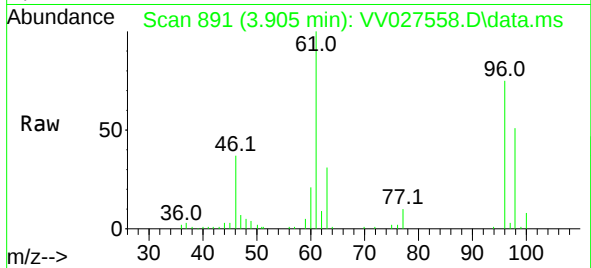




#22
 cis-1,2-Dichloroethene
 Concen: 4.134 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV027558.D
 Acq: 29 Aug 2022 13:30

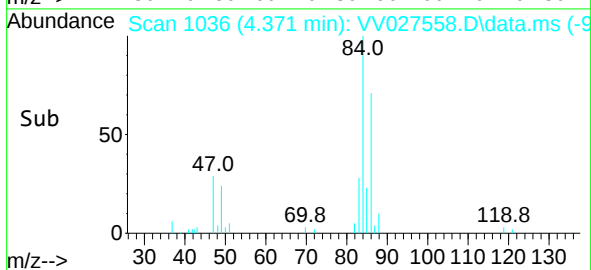
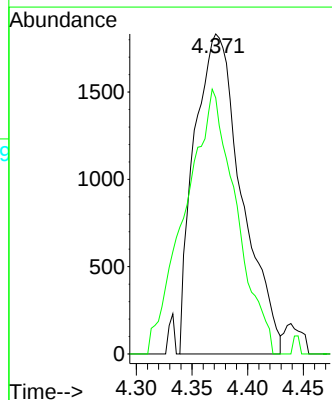
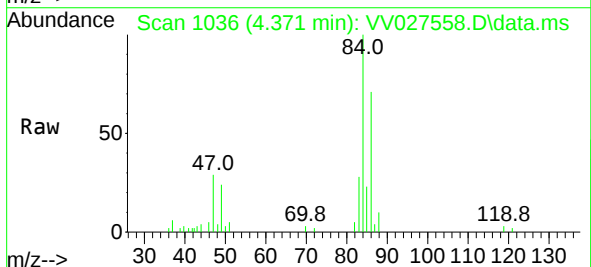
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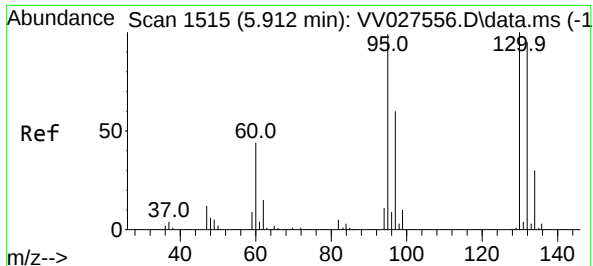
Tgt Ion: 96 Resp: 46461
 Ion Ratio Lower Upper
 96 100
 61 133.0 90.6 168.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.228 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VV027558.D
 Acq: 29 Aug 2022 13:30

Tgt Ion: 83 Resp: 5423
 Ion Ratio Lower Upper
 83 100
 85 80.0 43.3 80.5

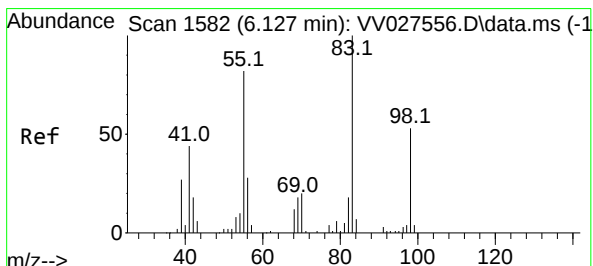
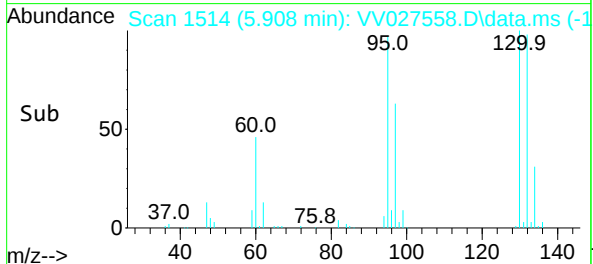
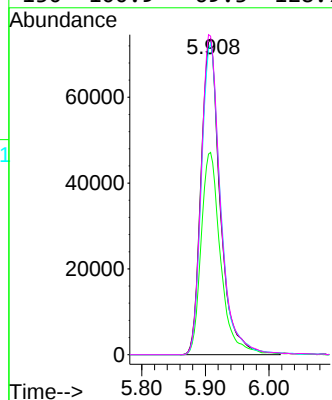
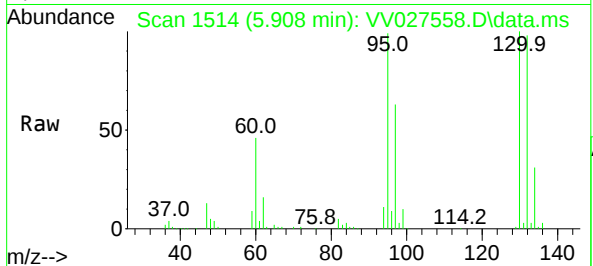




#34
Trichloroethene
Concen: 12.283 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027558.D
Acq: 29 Aug 2022 13:30

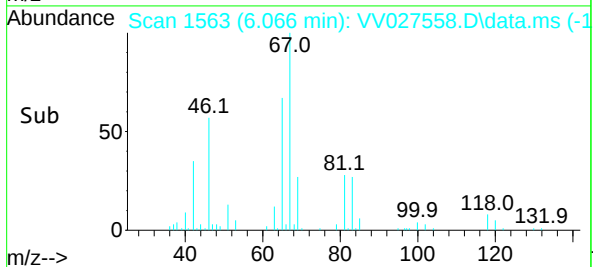
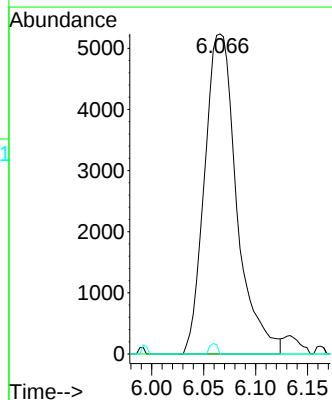
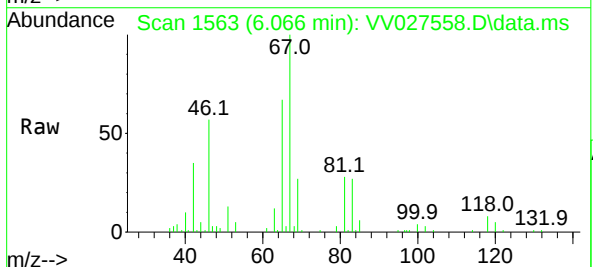
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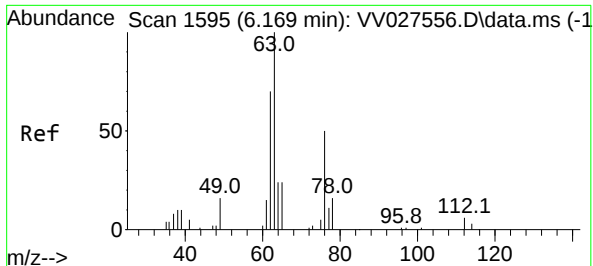
Tgt Ion: 95 Resp: 153809
Ion Ratio Lower Upper
95 100
97 64.1 45.0 83.6
132 98.6 65.7 121.9
130 100.9 69.3 128.7



#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027558.D
Acq: 29 Aug 2022 13:30

Tgt Ion: 83 Resp: 11274
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.451 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027558.D

Acq: 29 Aug 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

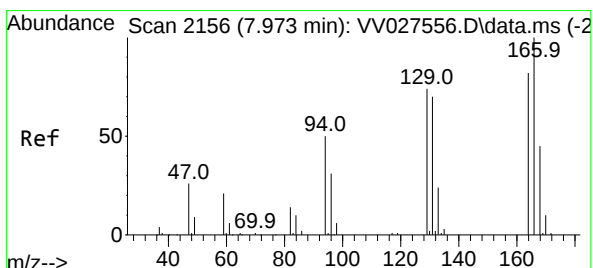
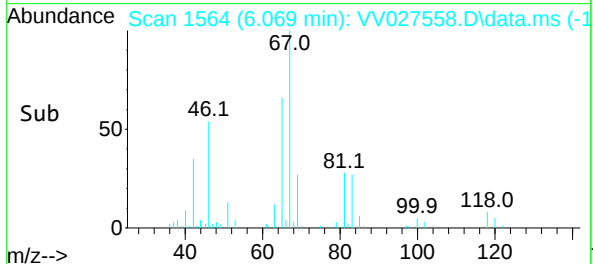
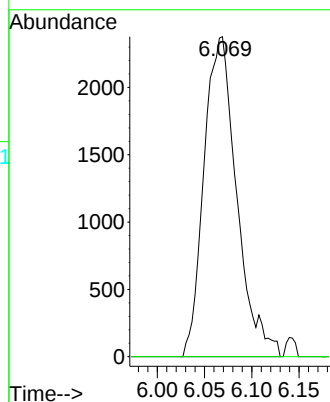
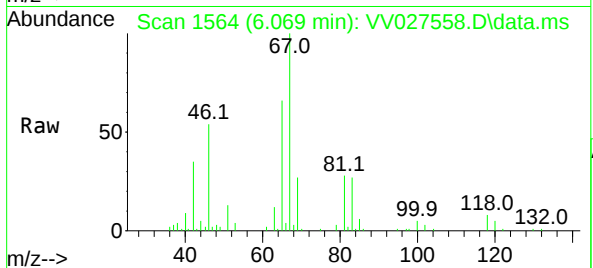
F5E77

Tgt Ion: 63 Resp: 5721

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#47

Tetrachloroethene

Concen: 5.207 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.003 min

Lab File: VV027558.D

Acq: 29 Aug 2022 13:30

Tgt Ion: 164 Resp: 50791

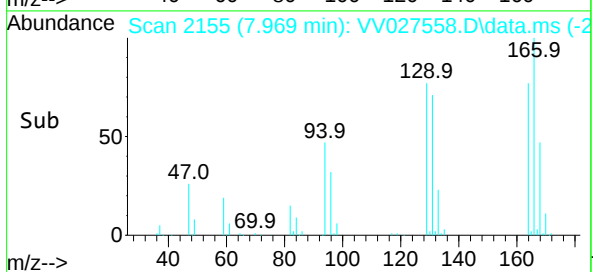
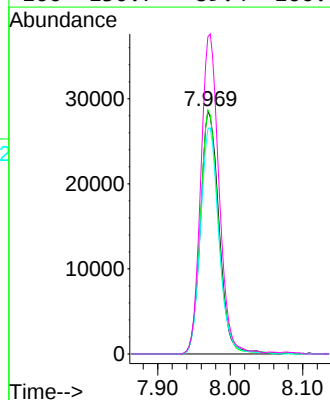
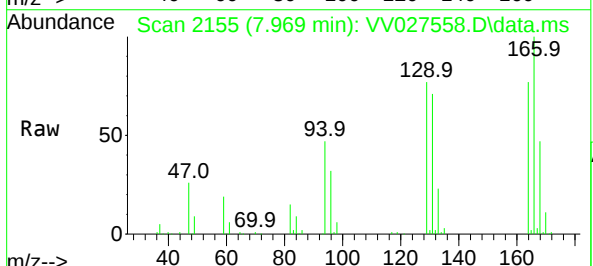
Ion Ratio Lower Upper

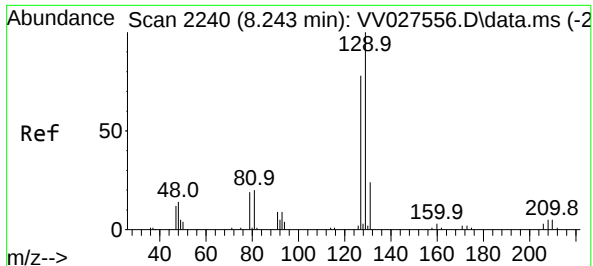
164 100

129 100.5 71.1 132.1

131 92.8 64.5 119.9

166 130.7 89.4 166.0





#49

Dibromochloromethane

Concen: 4.717 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.273 min

Lab File: VV027558.D

Acq: 29 Aug 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

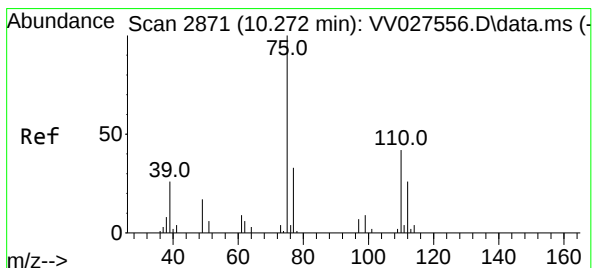
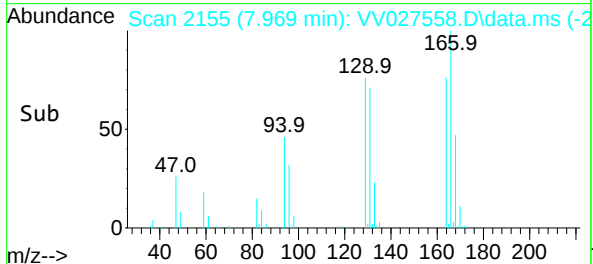
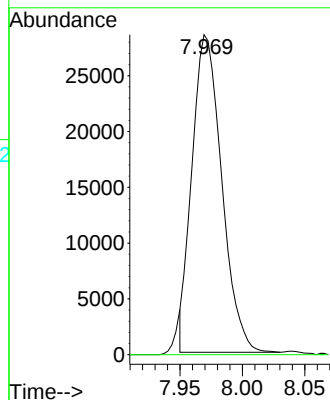
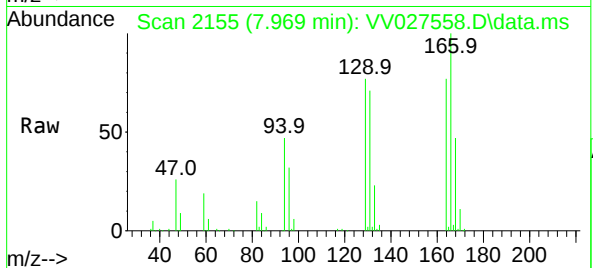
F5E77

Tgt Ion:129 Resp: 47046

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.306 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027558.D

Acq: 29 Aug 2022 13:30

Tgt Ion: 75 Resp: 6998

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2

110 2.1 29.9 44.9#

