

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
 Data File : VV027911.D
 Acq On : 17 Sep 2022 19:48
 Operator : SY/MD
 Sample : N4672-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:25:21 2022
 Response via : Initial Calibration

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

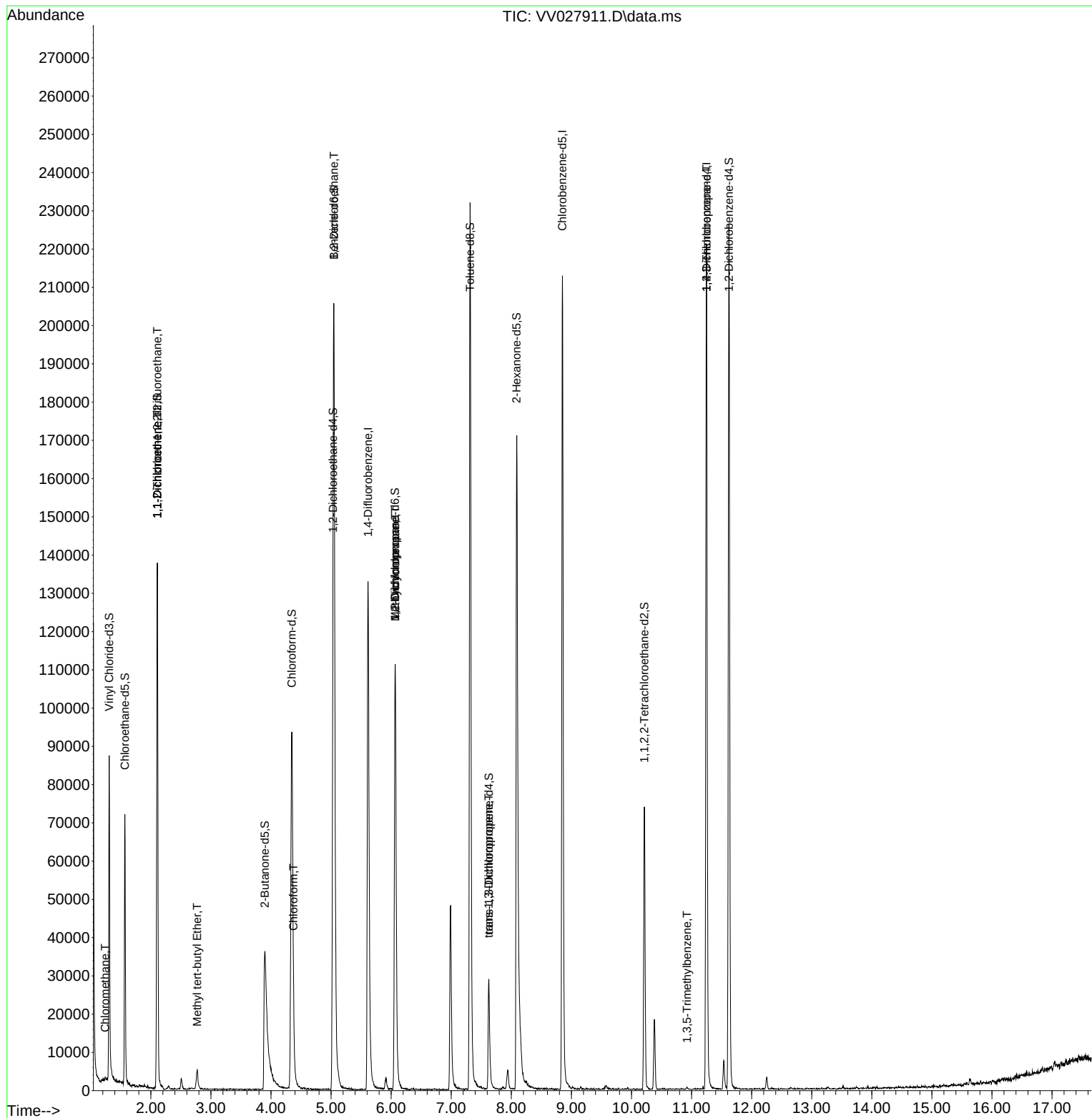
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125188	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	124037	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59084	5.913	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.200%	
7) Chloroethane-d5	1.568	69	45339	6.418	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	128.400%	
11) 1,1-Dichloroethene-d2	2.108	63	71229	4.530	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	3.896	46	82089	53.186	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.380%	
24) Chloroform-d	4.346	84	100226	5.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
26) 1,2-Dichloroethane-d4	5.031	65	52137	5.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.800%	
32) Benzene-d6	5.047	84	190493	5.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
36) 1,2-Dichloropropane-d6	6.066	67	50648	5.667	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.400%	
41) Toluene-d8	7.313	98	165399	5.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
43) trans-1,3-Dichloroprop...	7.625	79	18272	4.776	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.088	63	62139	48.976	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.960%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32882	5.319	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	63073	5.577	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						
3) Chloromethane	1.237	50	536	0.068	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	937	0.130	ug/L #	19
12) 1,1-Dichloroethene	2.108	96	720	0.105	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4738	0.268	ug/L #	90
25) Chloroform	4.375	83	2931	0.169	ug/L	99
27) 1,2-Dichloroethane	5.047	62	1195	0.122	ug/L #	75
35) Methylcyclohexane	6.069	83	14432	1.193	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6547	0.899	ug/L #	86
44) trans-1,3-Dichloropropene	7.622	75	830	0.086	ug/L #	63
61) 1,2,3-Trichloropropane	11.249	75	5905	1.331	ug/L #	60
62) 1,3,5-Trimethylbenzene	10.924	105	333	0.030	ug/L	96

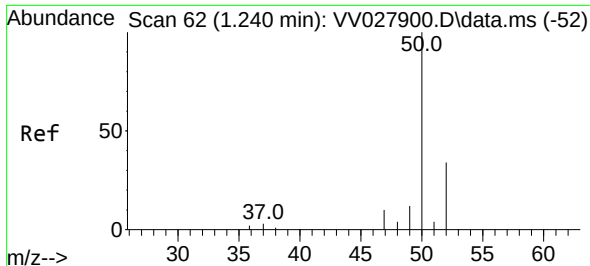
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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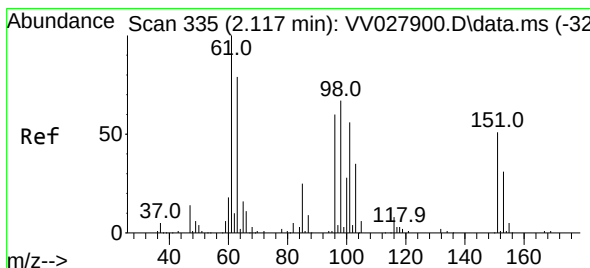
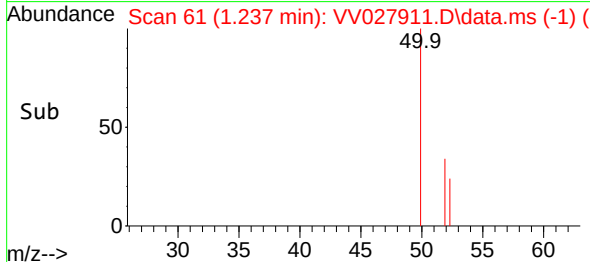
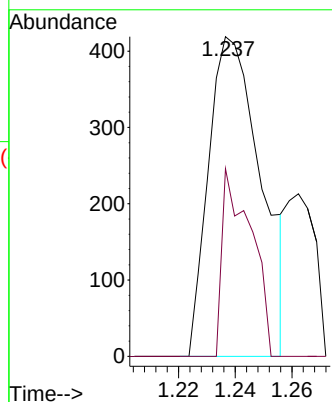
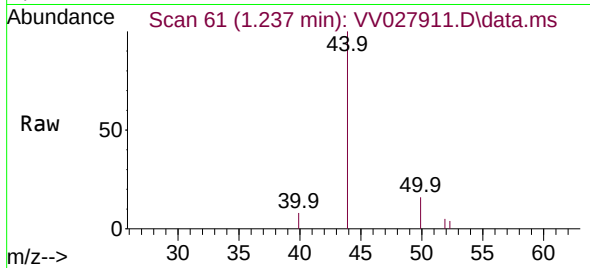




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027911.D
Acq: 17 Sep 2022 19:48

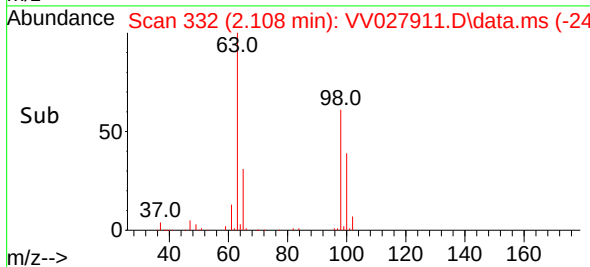
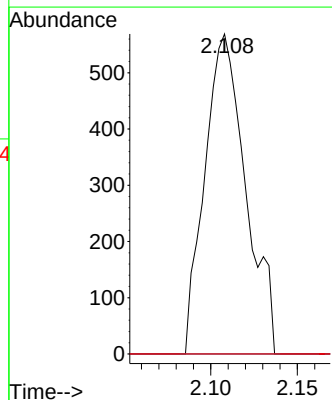
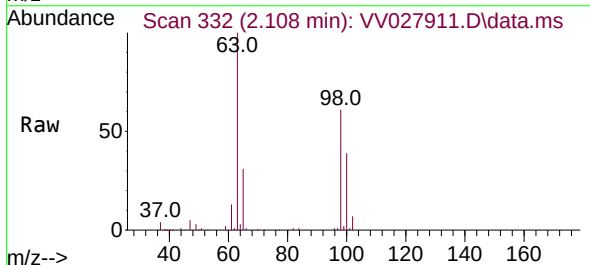
Instrument :
MSVOA_V
ClientSampleId :

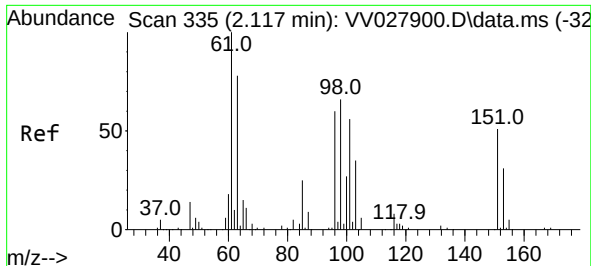
Tgt Ion: 50 Resp: 536
Ion Ratio Lower Upper
50 100
52 58.7 22.1 41.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.130 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.009 min
Lab File: VV027911.D
Acq: 17 Sep 2022 19:48

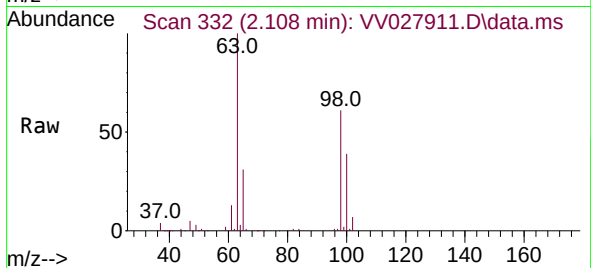
Tgt Ion:101 Resp: 937
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.8#
151 0.0 61.2 91.8#



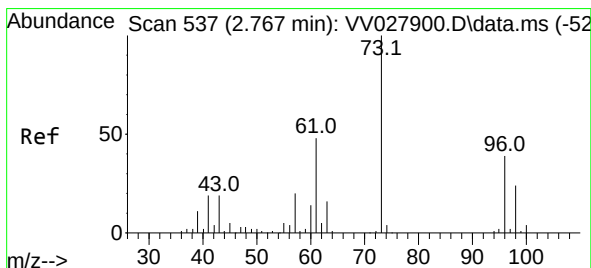
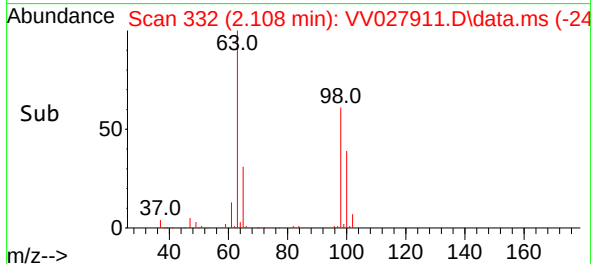
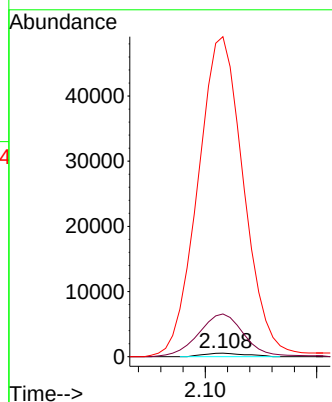


#12
1,1-Dichloroethene
Concen: 0.105 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.009 min
Lab File: VV027911.D
Acq: 17 Sep 2022 19:48

Instrument :
MSVOA_V
ClientSampleId :

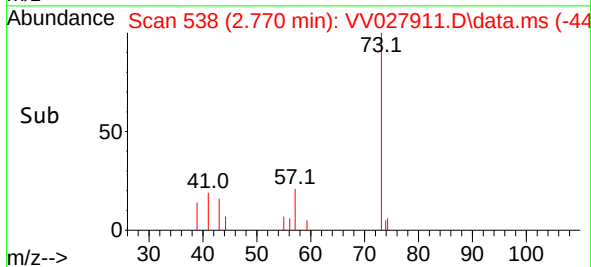
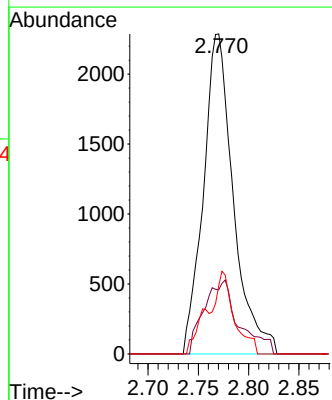
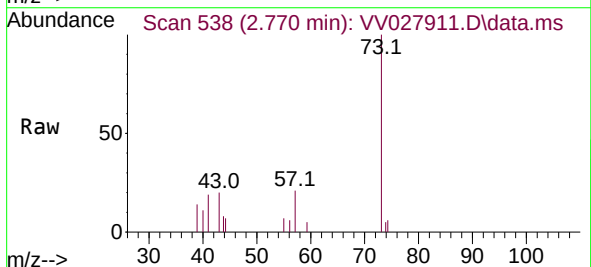


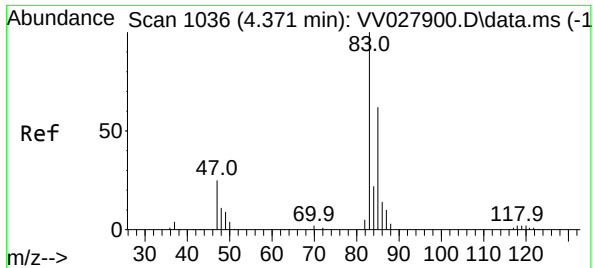
Tgt Ion: 96 Resp: 720
Ion Ratio Lower Upper
96 100
61 1187.0 129.9 241.3#
63 8897.1 94.6 175.8#



#17
Methyl tert-butyl Ether
Concen: 0.268 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV027911.D
Acq: 17 Sep 2022 19:48

Tgt Ion: 73 Resp: 4738
Ion Ratio Lower Upper
73 100
43 26.9 17.5 26.3#
57 16.5 16.9 25.3#





#25

Chloroform

Concen: 0.169 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV027911.D

Acq: 17 Sep 2022 19:48

Instrument :

MSVOA_V

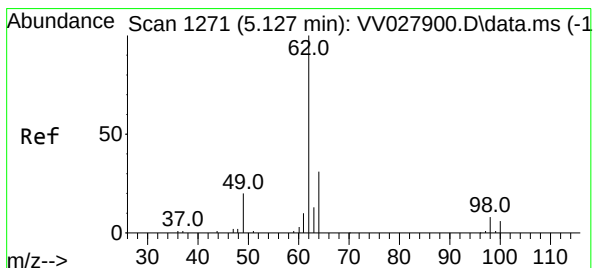
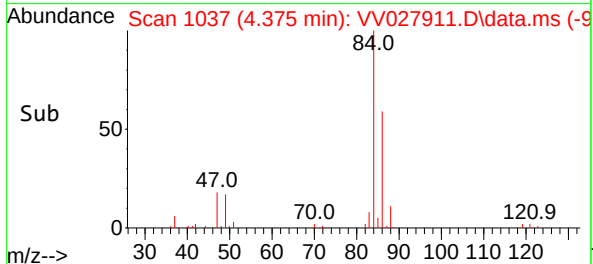
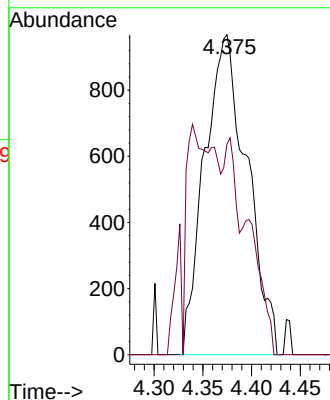
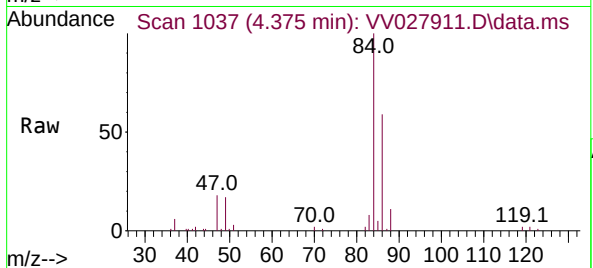
ClientSampleId :

Tgt Ion: 83 Resp: 2931

Ion Ratio Lower Upper

83 100

85 65.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.122 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.080 min

Lab File: VV027911.D

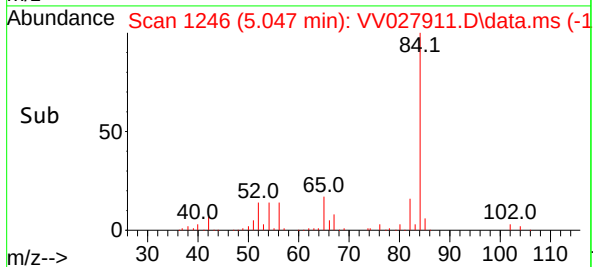
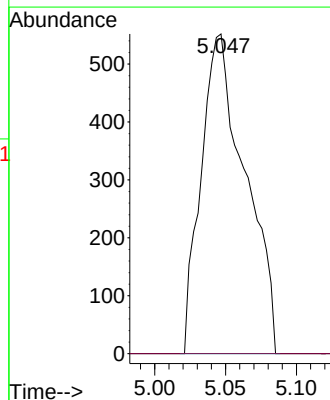
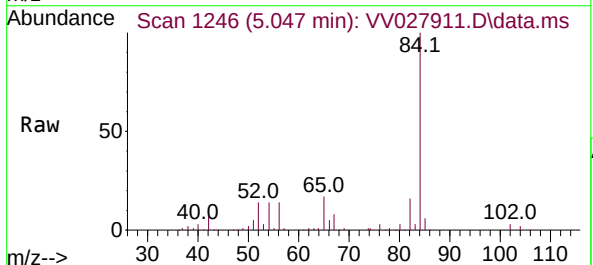
Acq: 17 Sep 2022 19:48

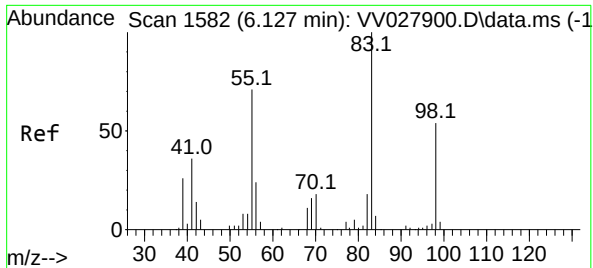
Tgt Ion: 62 Resp: 1195

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#

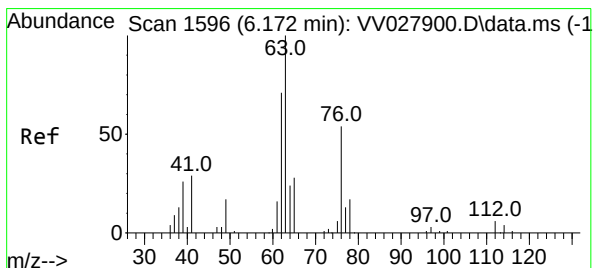
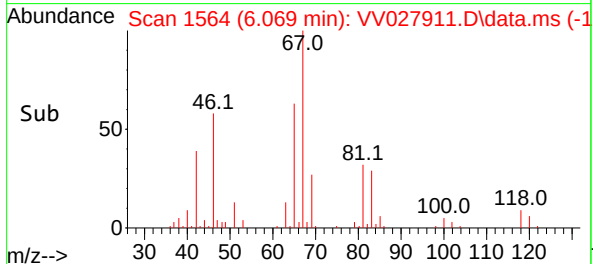
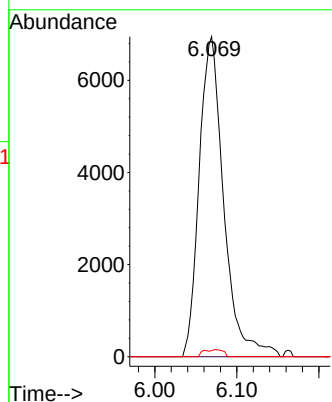
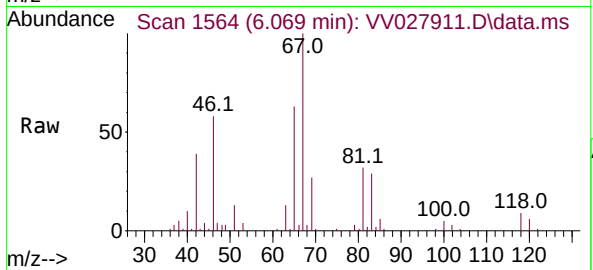




#35
Methylcyclohexane
Concen: 1.193 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027911.D
Acq: 17 Sep 2022 19:48

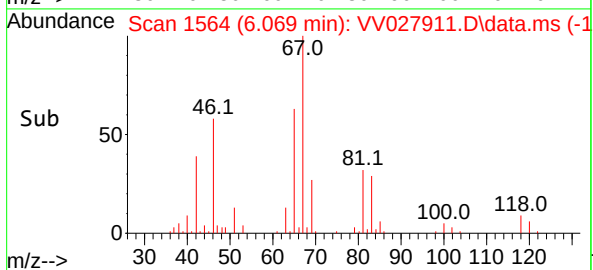
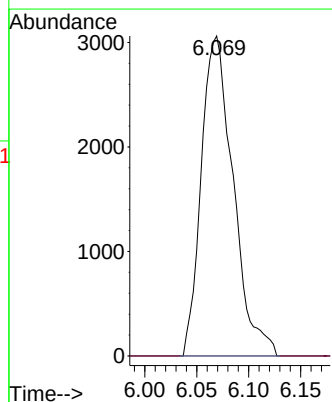
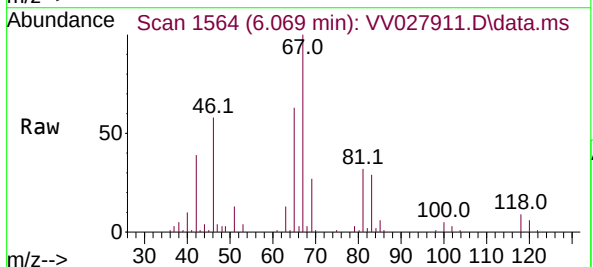
Instrument :
MSVOA_V
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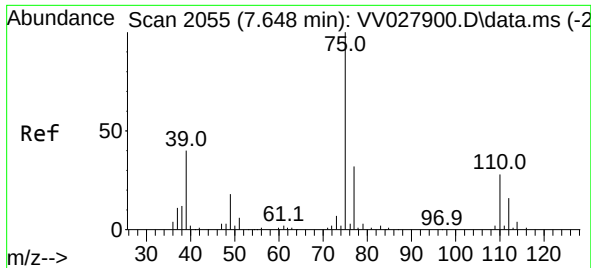
Tgt Ion: 83 Resp: 14432
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.1 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.899 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV027911.D
Acq: 17 Sep 2022 19:48

Tgt Ion: 63 Resp: 6547
Ion Ratio Lower Upper
63 100
112 0.3 4.0 6.0#

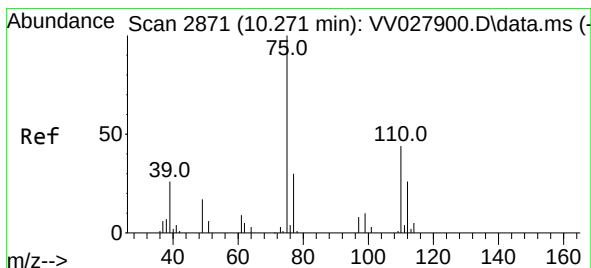
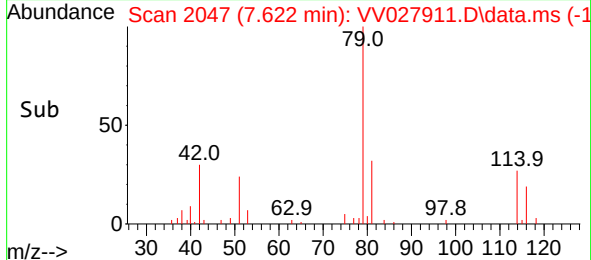
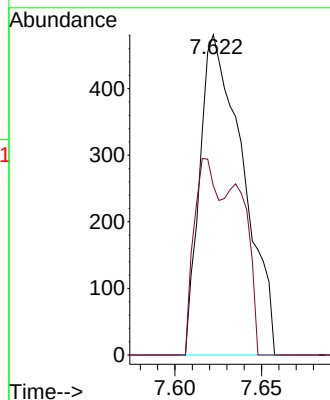
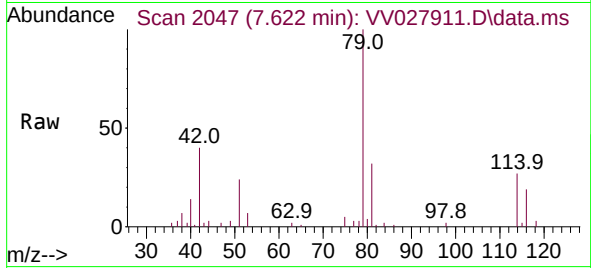




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.622 min Scan# 2055
Delta R.T. -0.026 min
Lab File: VV027911.D
Acq: 17 Sep 2022 19:48

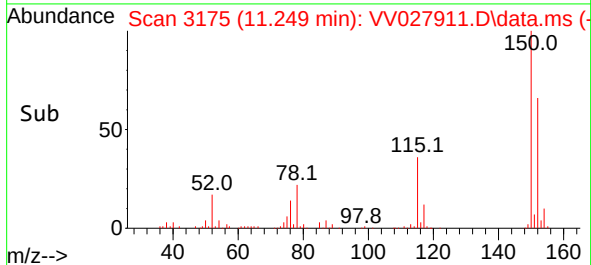
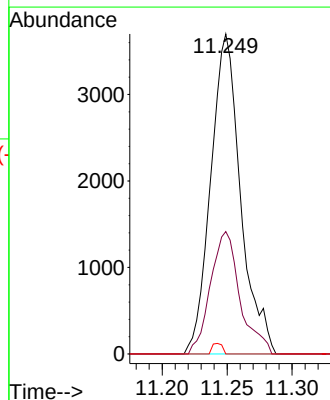
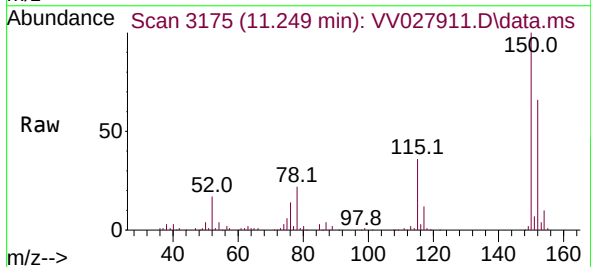
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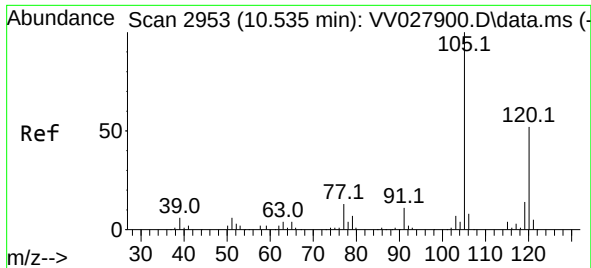
Tgt Ion: 75 Resp: 830
Ion Ratio Lower Upper
75 100
77 52.8 22.6 42.0#



#61
1,2,3-Trichloropropane
Concen: 1.331 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV027911.D
Acq: 17 Sep 2022 19:48

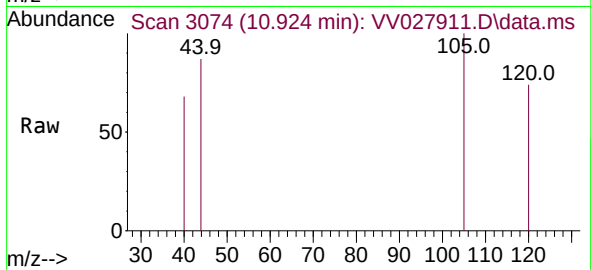
Tgt Ion: 75 Resp: 5905
Ion Ratio Lower Upper
75 100
77 37.8 27.6 41.4
110 1.1 35.6 53.4#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.030 ug/L
 RT: 10.924 min Scan# 30
 Delta R.T. 0.389 min
 Lab File: VV027911.D
 Acq: 17 Sep 2022 19:48

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 333
 Ion Ratio Lower Upper
 105 100
 120 52.0 39.6 59.4

