

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027366.D
 Acq On : 13 Aug 2022 13:51
 Operator : SY/MD
 Sample : N4115-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:51:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

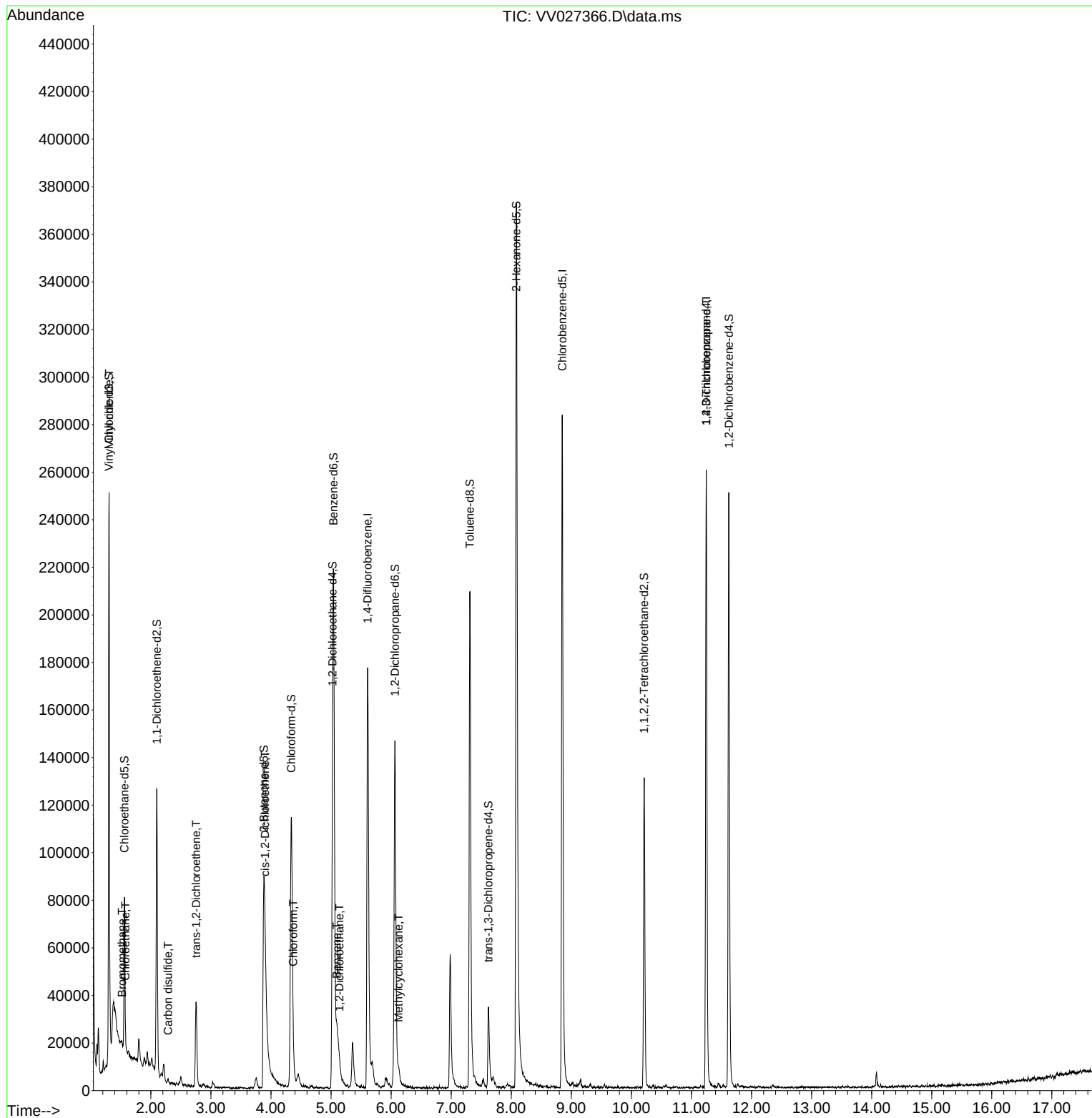
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	148920	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	47738	3.690	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.800%	
7) Chloroethane-d5	1.561	69	40000	4.257	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.200%	
11) 1,1-Dichloroethene-d2	2.098	63	61947	2.640	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.800%#	
20) 2-Butanone-d5	3.883	46	180103	82.195	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	164.400%#	
24) Chloroform-d	4.339	84	118153	4.979	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.024	65	59916	5.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.040	84	186946	3.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.200%	
36) 1,2-Dichloropropane-d6	6.063	67	72692	4.976	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.310	98	144656	3.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.800%#	
43) trans-1,3-Dichloroprop...	7.619	79	21427	4.234	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.085	63	129300	66.023	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	132.040%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60907	5.763	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	62571	5.433	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	122314	7.408	ug/L	100
6) Bromomethane	1.520	94	561	0.073	ug/L #	64
8) Chloroethane	1.577	64	2427	0.264	ug/L #	64
14) Carbon disulfide	2.285	76	2627	0.061	ug/L #	90
18) trans-1,2-Dichloroethene	2.754	96	14242	1.080	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	4438	0.342	ug/L	100
25) Chloroform	4.368	83	3793	0.146	ug/L	99
27) 1,2-Dichloroethane	5.140	62	907	0.061	ug/L #	73
33) Benzene	5.095	78	20333	0.371	ug/L	100
35) Methylcyclohexane	6.124	83	1448	0.077	ug/L #	23
61) 1,2,3-Trichloropropane	11.246	75	8138	1.266	ug/L #	68

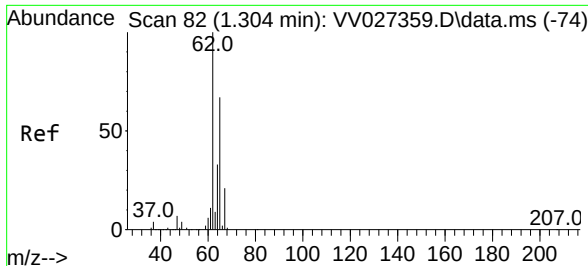
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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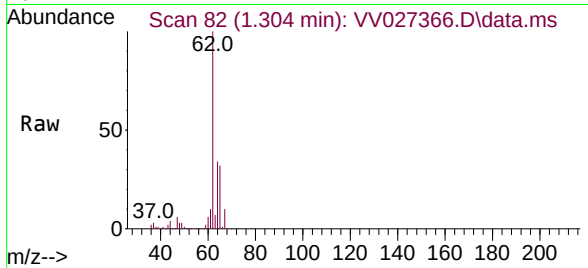
Quant Time: Aug 13 21:51:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
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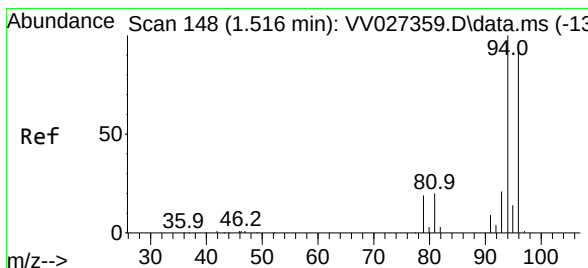
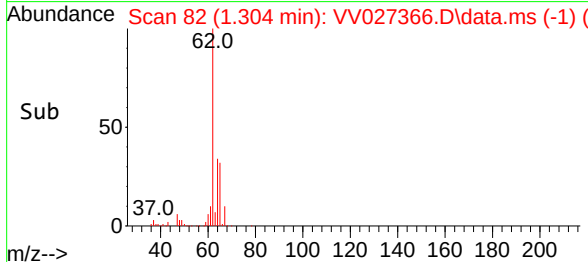
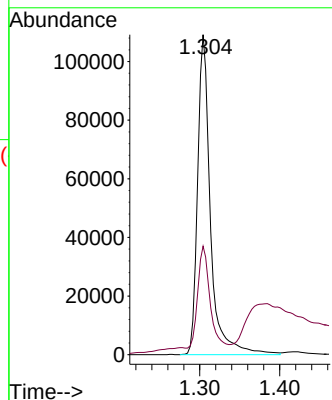


#5
 Vinyl chloride
 Concen: 7.408 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027366.D
 Acq: 13 Aug 2022 13:51

Instrument :
 MSVOA_V
 ClientSampleId :

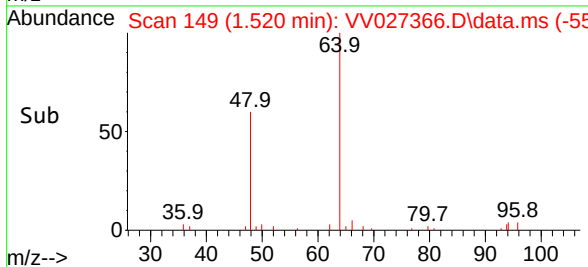
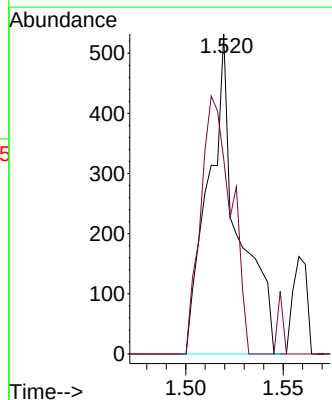
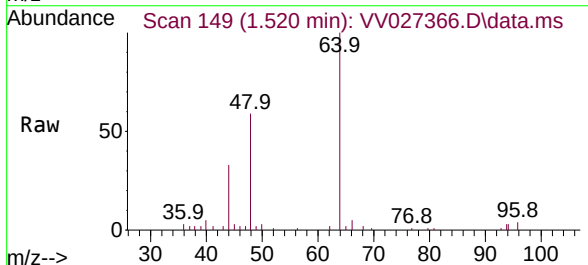


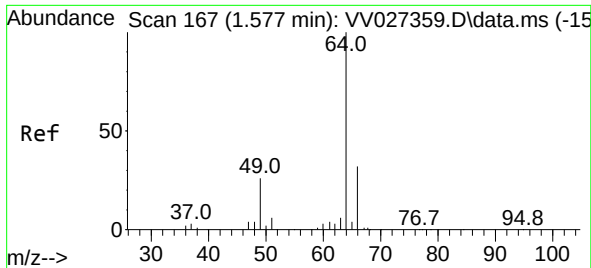
Tgt Ion: 62 Resp: 122314
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#6
 Bromomethane
 Concen: 0.073 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV027366.D
 Acq: 13 Aug 2022 13:51

Tgt Ion: 94 Resp: 561
 Ion Ratio Lower Upper
 94 100
 96 60.9 67.2 124.8#

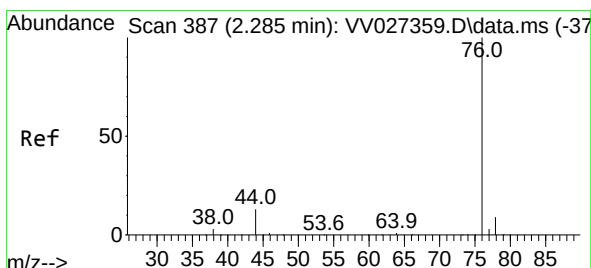
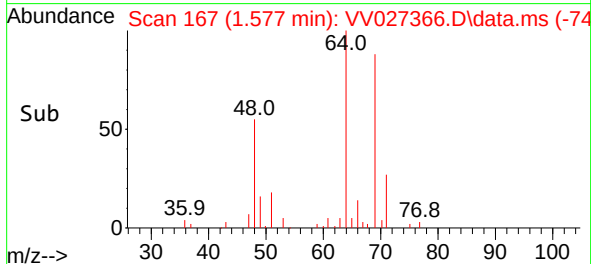
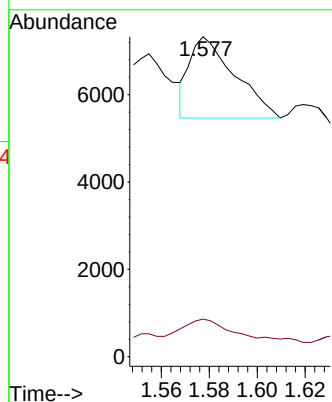
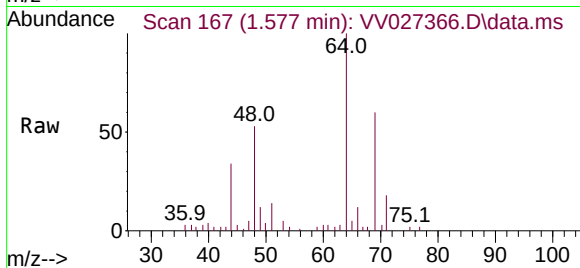




#8
Chloroethane
Concen: 0.264 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027366.D
Acq: 13 Aug 2022 13:51

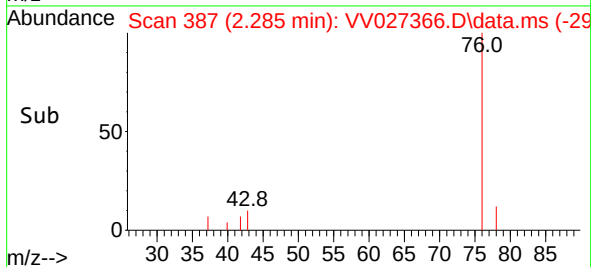
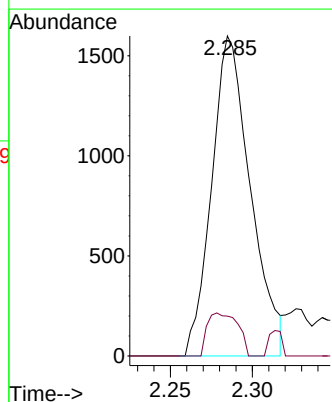
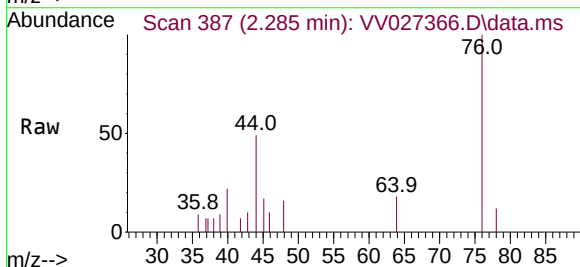
Instrument :
MSVOA_V
ClientSampleId :

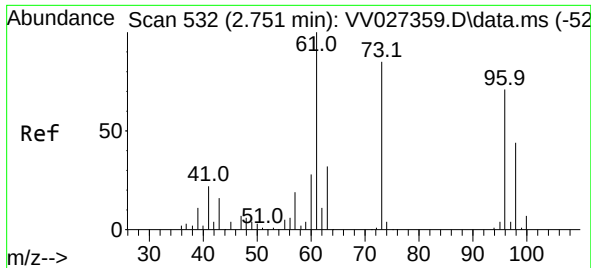
Tgt Ion: 64 Resp: 2427
Ion Ratio Lower Upper
64 100
66 11.7 22.3 41.5#



#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV027366.D
Acq: 13 Aug 2022 13:51

Tgt Ion: 76 Resp: 2627
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#

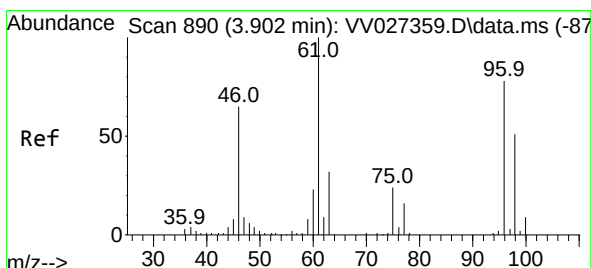
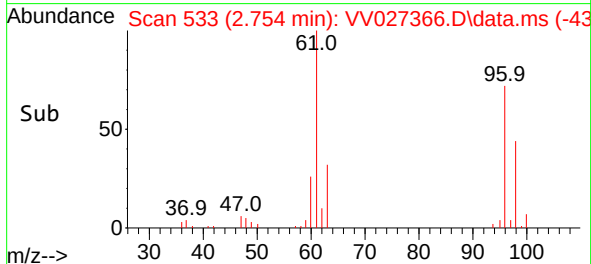
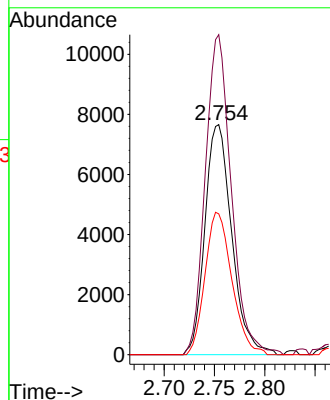
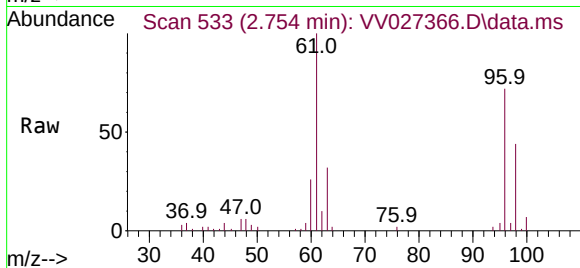




#18
trans-1,2-Dichloroethene
Concen: 1.080 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027366.D
Acq: 13 Aug 2022 13:51

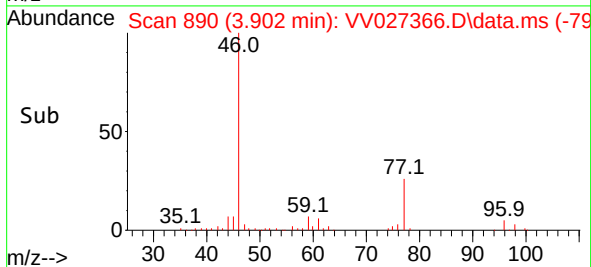
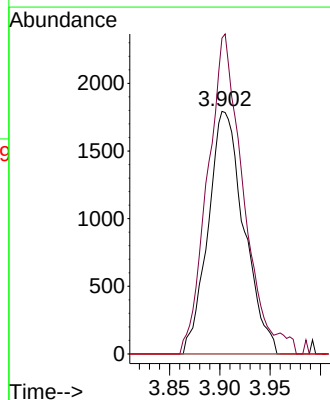
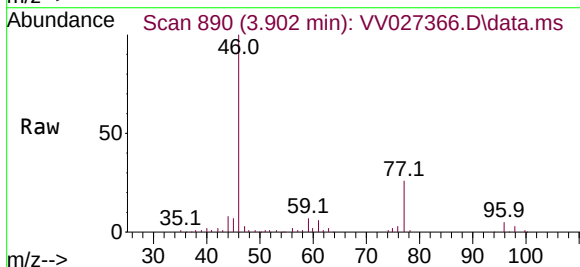
Instrument :
MSVOA_V
ClientSampleId :

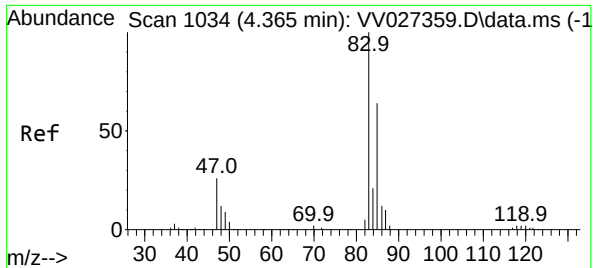
Tgt Ion: 96 Resp: 14242
Ion Ratio Lower Upper
96 100
61 139.1 99.6 185.0
98 61.2 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 0.342 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV027366.D
Acq: 13 Aug 2022 13:51

Tgt Ion: 96 Resp: 4438
Ion Ratio Lower Upper
96 100
61 130.2 91.3 169.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.146 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV027366.D

Acq: 13 Aug 2022 13:51

Instrument :

MSVOA_V

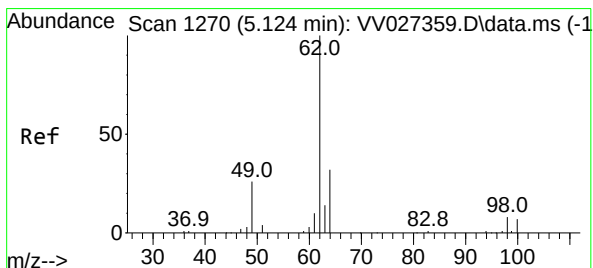
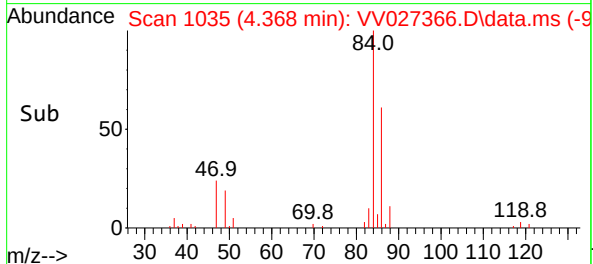
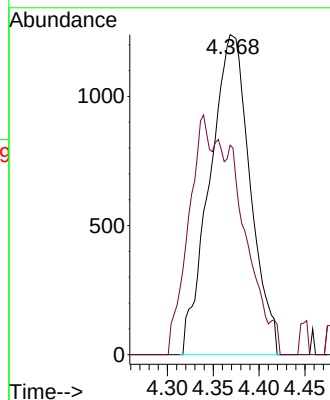
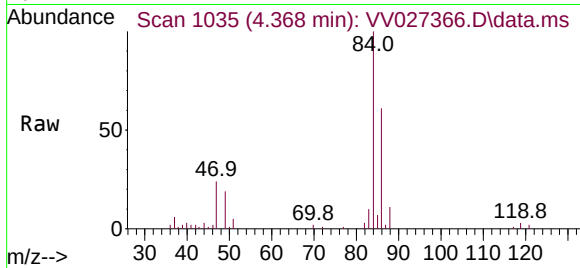
ClientSampleId :

Tgt Ion: 83 Resp: 3793

Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.061 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.016 min

Lab File: VV027366.D

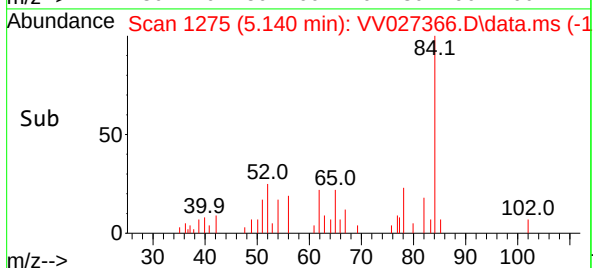
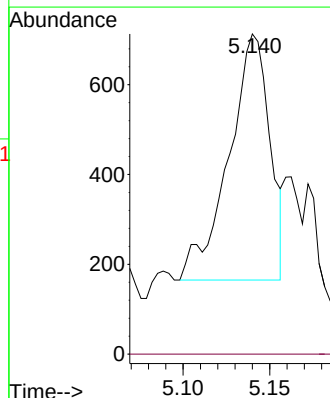
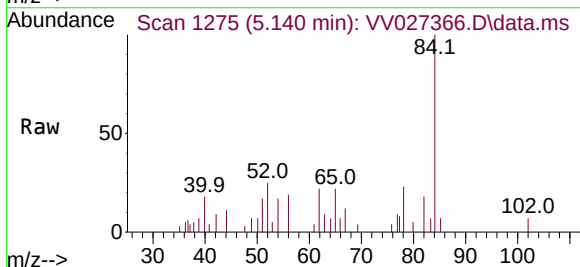
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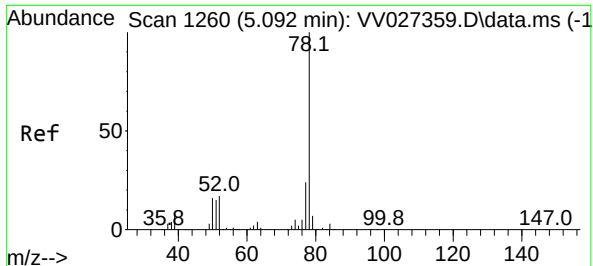
Tgt Ion: 62 Resp: 907

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#

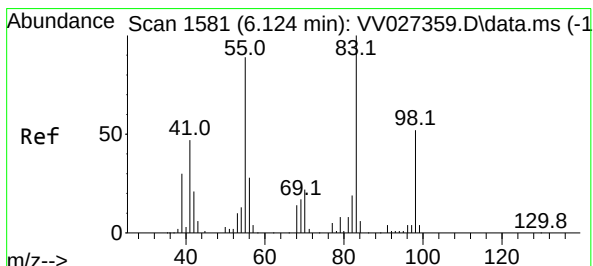
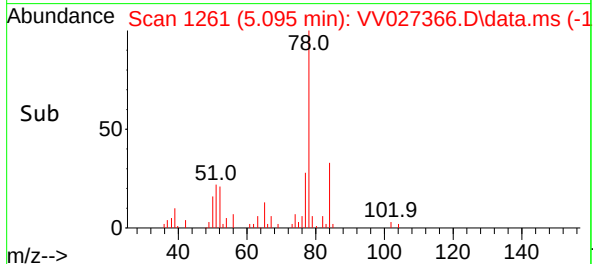
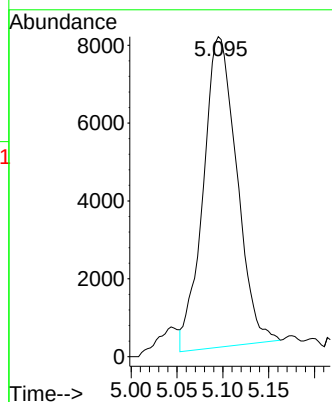
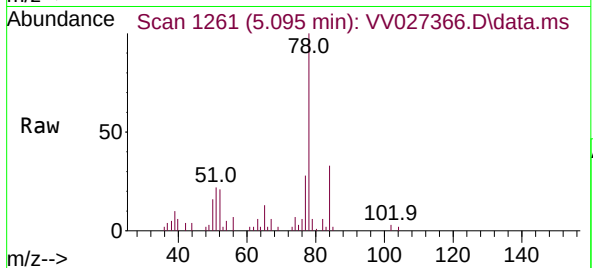




#33
Benzene
Concen: 0.371 ug/L
RT: 5.095 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV027366.D
Acq: 13 Aug 2022 13:51

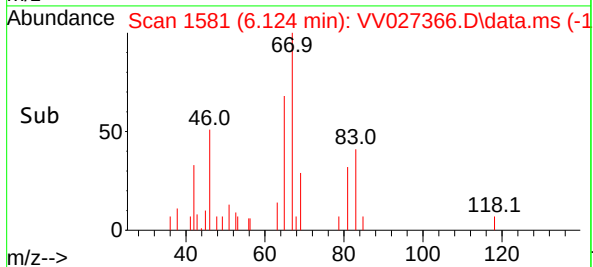
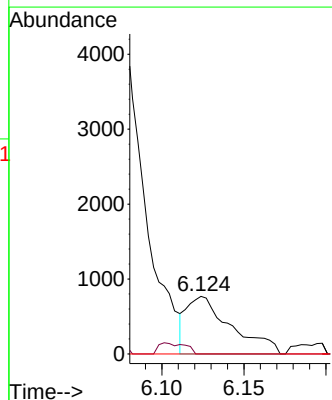
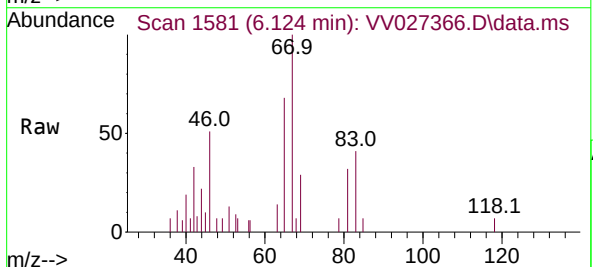
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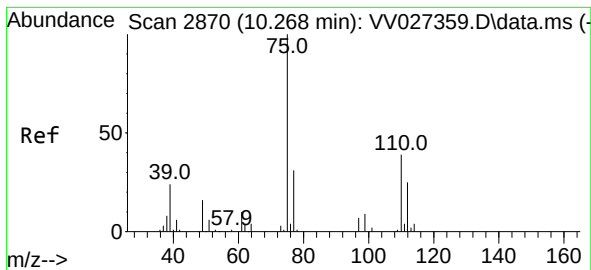
Tgt Ion: 78 Resp: 20333



#35
Methylcyclohexane
Concen: 0.077 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV027366.D
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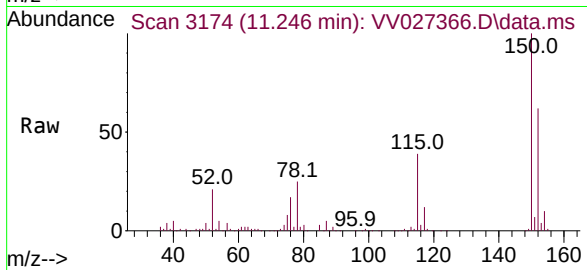
Tgt Ion: 83 Resp: 1448
Ion Ratio Lower Upper
83 100
55 11.5 67.0 100.6#
98 0.0 38.7 58.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.266 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027366.D
 Acq: 13 Aug 2022 13:51

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8138
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.6 39.8
 110 2.7 31.0 46.6#

