

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091622\
 Data File : VW027876.D
 Acq On : 16 Sep 2022 12:49
 Operator : SY/MD
 Sample : N4652-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 22:07:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 22:04:36 2022
 Response via : Initial Calibration

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

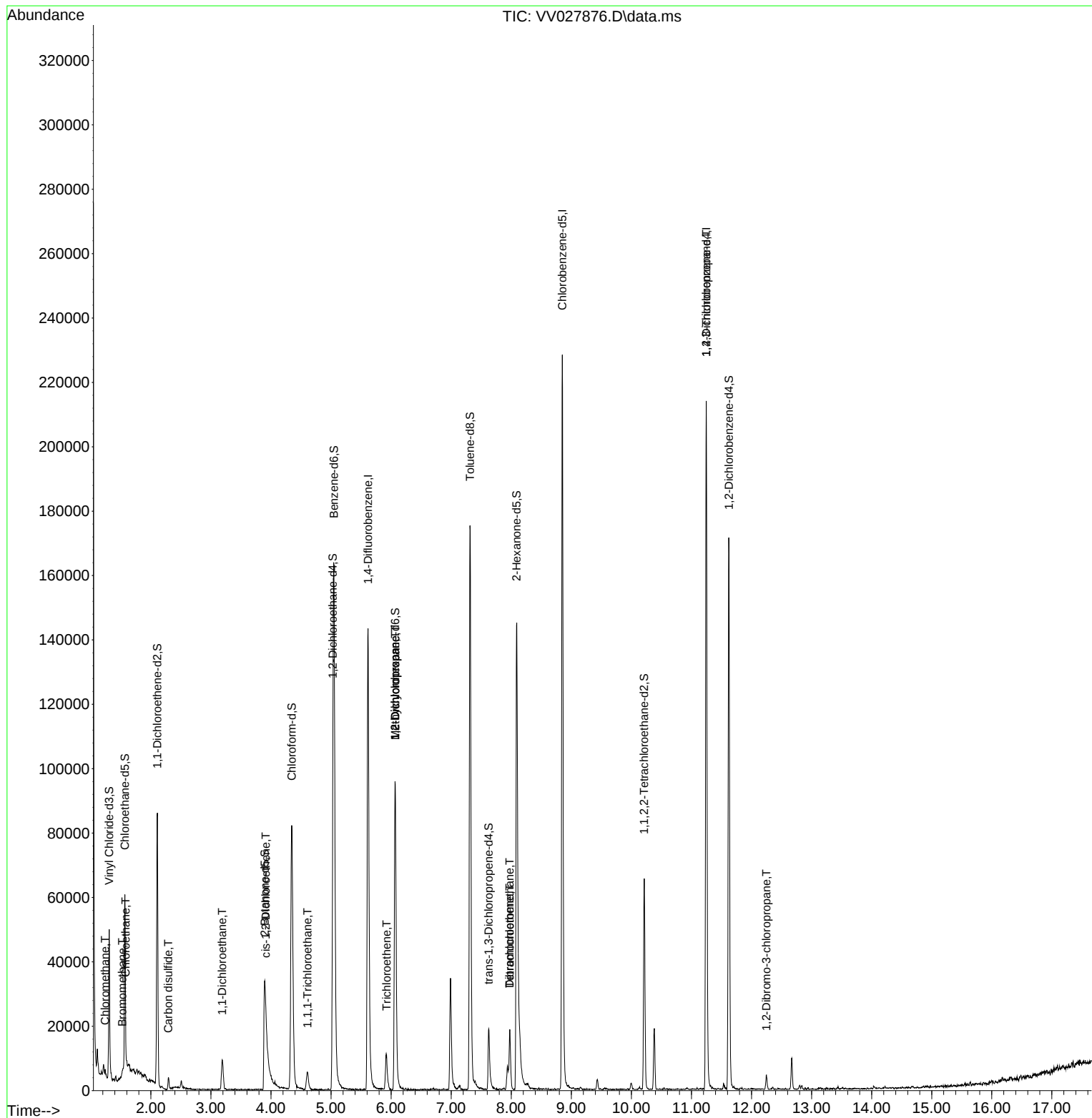
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	132171	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	130036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29886	3.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.568	69	33802	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.108	63	44384	2.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.000%#
20) 2-Butanone-d5	3.896	46	71993	37.287	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.580%
24) Chloroform-d	4.346	84	88505	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.031	65	43812	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.047	84	155684	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.069	67	43955	3.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.313	98	124422	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.625	79	12071	3.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.088	63	53035	38.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29315	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	48954	4.676	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	511	0.043	ug/L #	12
6) Bromomethane	1.523	94	277	0.043	ug/L	84
8) Chloroethane	1.581	64	663	0.097	ug/L #	57
14) Carbon disulfide	2.291	76	4229	0.163	ug/L #	93
19) 1,1-Dichloroethane	3.188	63	9214	0.531	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	528	0.052	ug/L #	55
29) 1,1,1-Trichloroethane	4.609	97	4587	0.229	ug/L	96
34) Trichloroethene	5.924	95	3583	0.333	ug/L	96
35) Methylcyclohexane	6.069	83	12353	0.748	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5621	0.552	ug/L #	85
47) Tetrachloroethene	7.973	164	4299	0.498	ug/L	96
49) Dibromochloromethane	7.973	129	3988	0.476	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5746	1.139	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.246	75	162	0.150	ug/L #	1

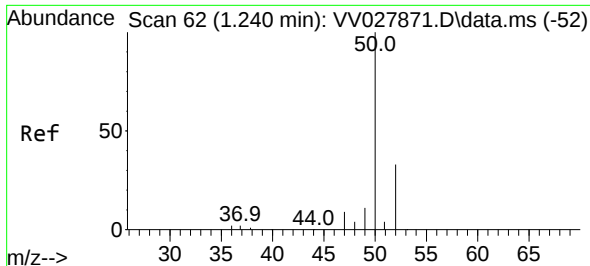
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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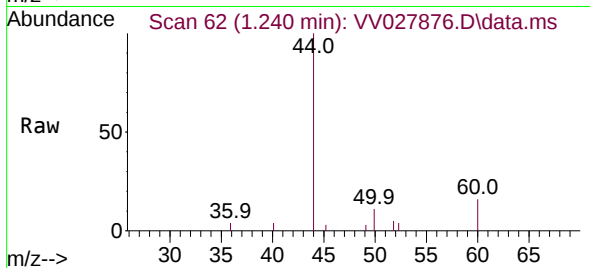
Quant Time: Sep 16 22:07:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 22:04:36 2022
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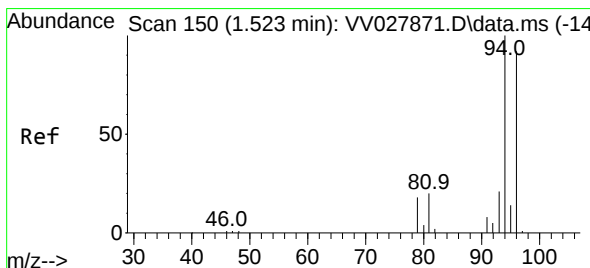
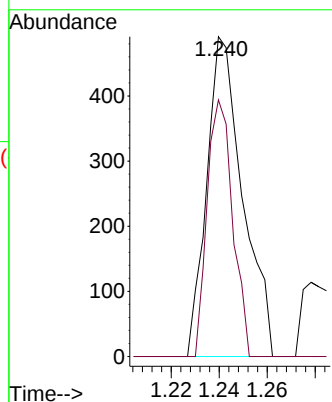
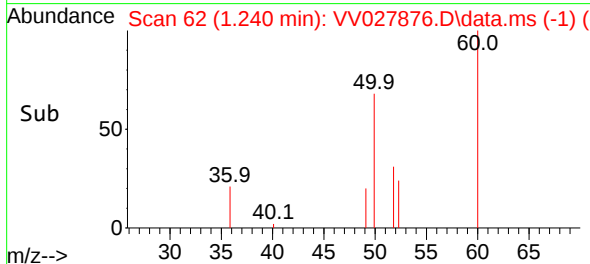


#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027876.D
Acq: 16 Sep 2022 12:49

Instrument :
MSVOA_V
ClientSampleId :

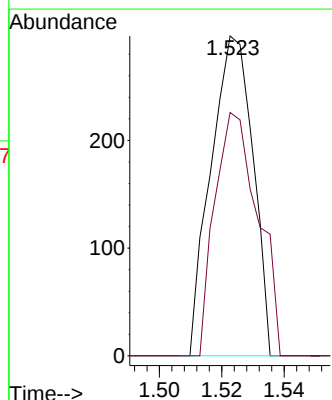
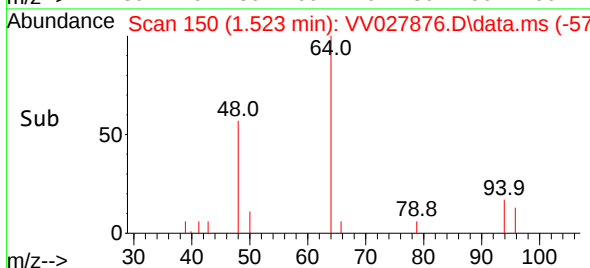
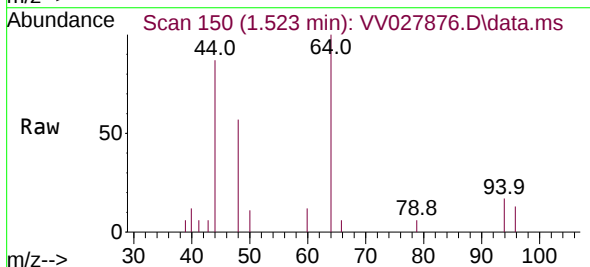


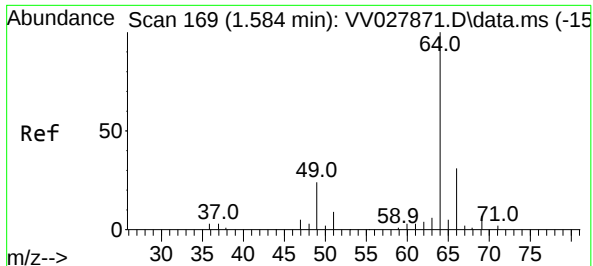
Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 80.2 22.1 41.1#



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV027876.D
Acq: 16 Sep 2022 12:49

Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 76.1 64.2 119.2

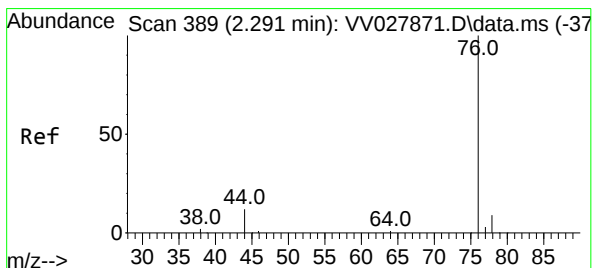
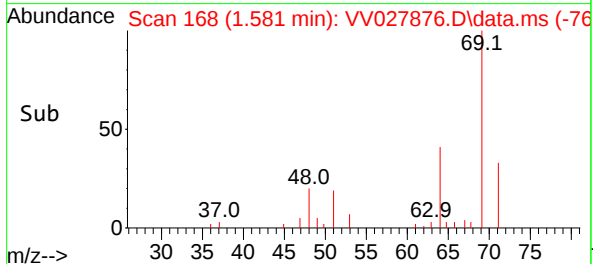
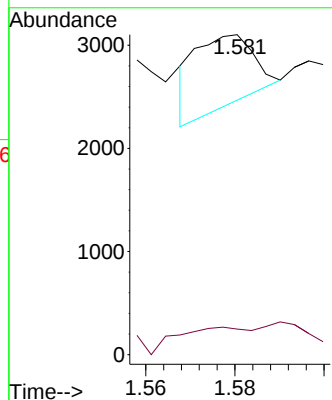
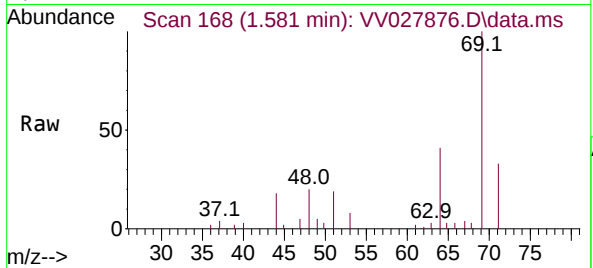




#8
Chloroethane
Concen: 0.097 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV027876.D
Acq: 16 Sep 2022 12:49

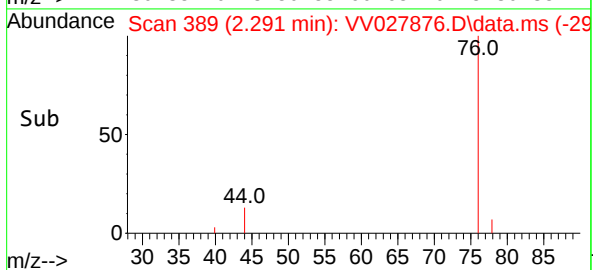
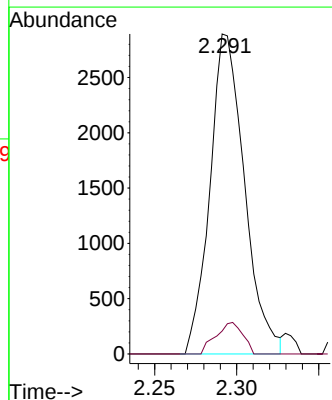
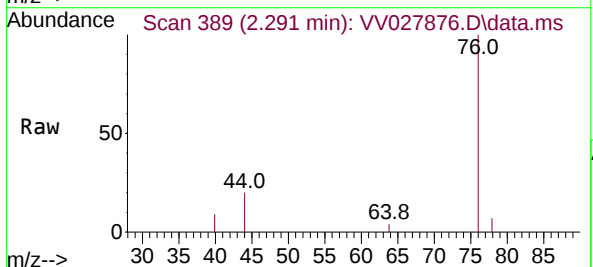
Instrument :
MSVOA_V
ClientSampleId :

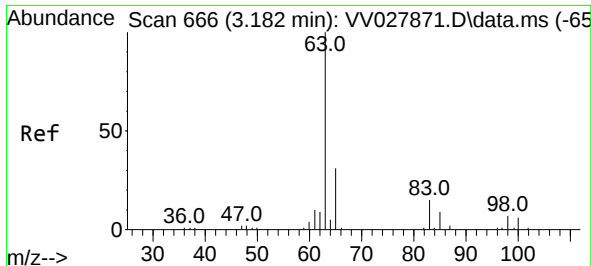
Tgt Ion: 64 Resp: 663
Ion Ratio Lower Upper
64 100
66 7.5 22.1 41.1#



#14
Carbon disulfide
Concen: 0.163 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV027876.D
Acq: 16 Sep 2022 12:49

Tgt Ion: 76 Resp: 4229
Ion Ratio Lower Upper
76 100
78 7.2 7.7 11.5#





#19

1,1-Dichloroethane

Concen: 0.531 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV027876.D

Acq: 16 Sep 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

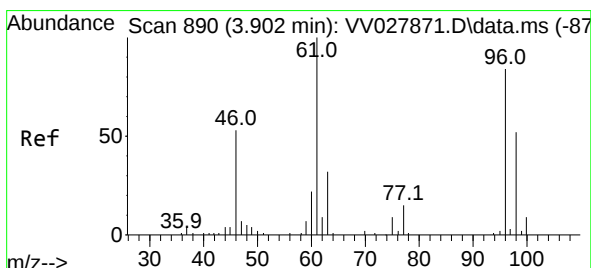
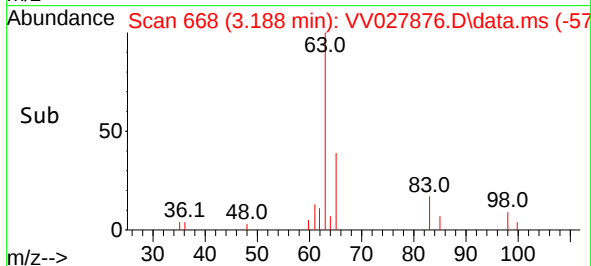
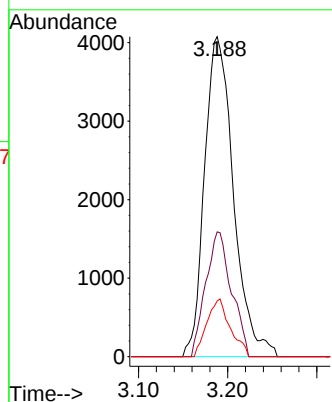
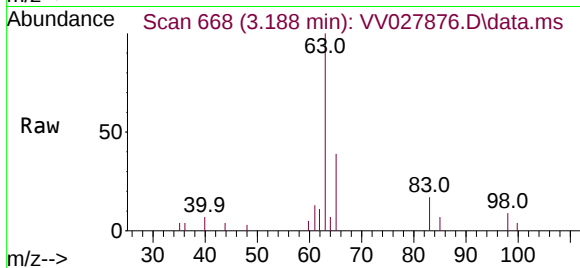
Tgt Ion: 63 Resp: 9214

Ion Ratio Lower Upper

63 100

65 39.0 22.0 41.0

83 17.4 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.052 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.010 min

Lab File: VV027876.D

Acq: 16 Sep 2022 12:49

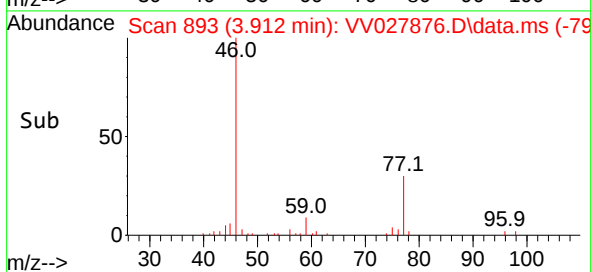
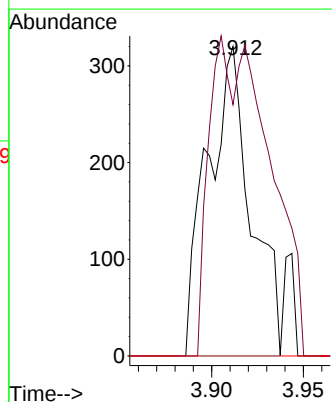
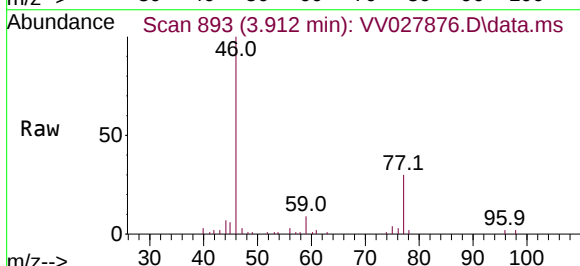
Tgt Ion: 96 Resp: 528

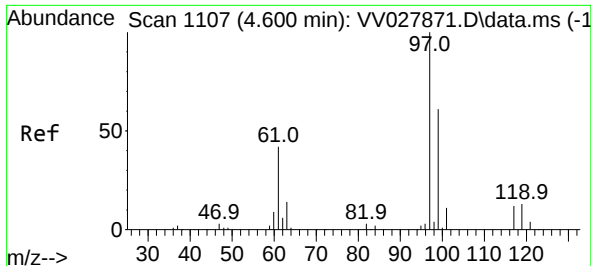
Ion Ratio Lower Upper

96 100

61 81.3 94.6 175.6#

68 0.0 0.3 0.5#





#29

1,1,1-Trichloroethane

Concen: 0.229 ug/L

RT: 4.609 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV027876.D

Acq: 16 Sep 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

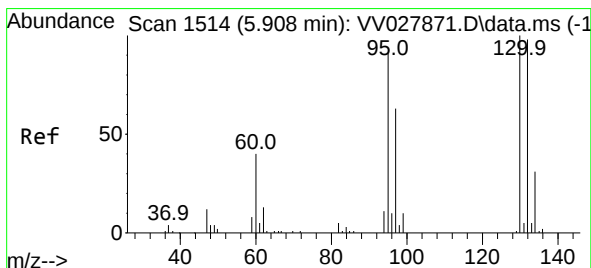
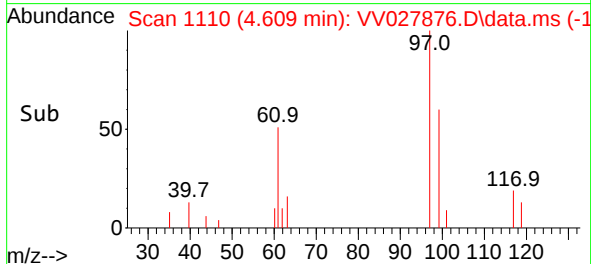
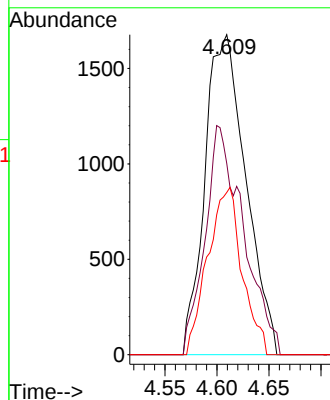
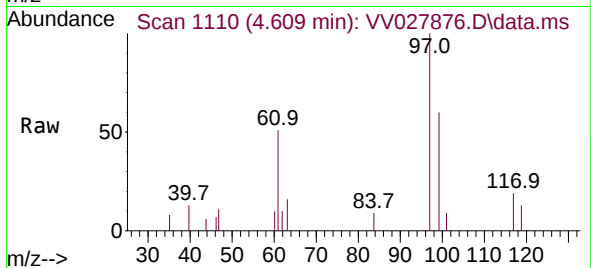
Tgt Ion: 97 Resp: 4587

Ion Ratio Lower Upper

97 100

99 67.3 50.8 76.2

61 43.9 36.2 54.4



#34

Trichloroethene

Concen: 0.333 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.016 min

Lab File: VV027876.D

Acq: 16 Sep 2022 12:49

Tgt Ion: 95 Resp: 3583

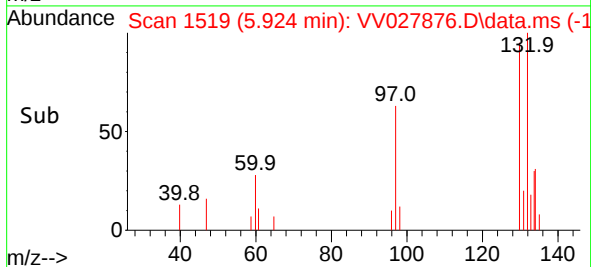
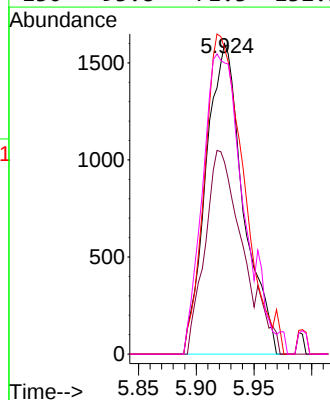
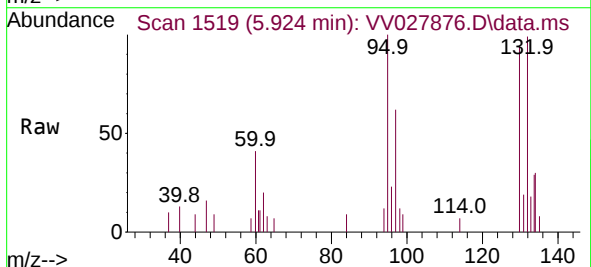
Ion Ratio Lower Upper

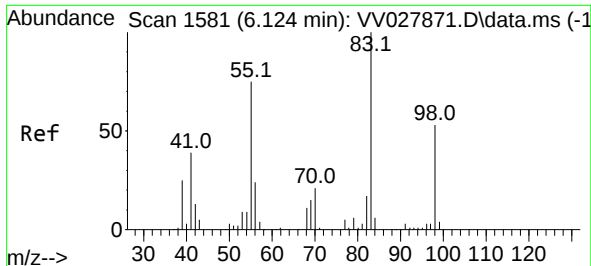
95 100

97 61.8 42.9 79.7

132 98.6 67.9 126.1

130 93.8 71.3 132.3

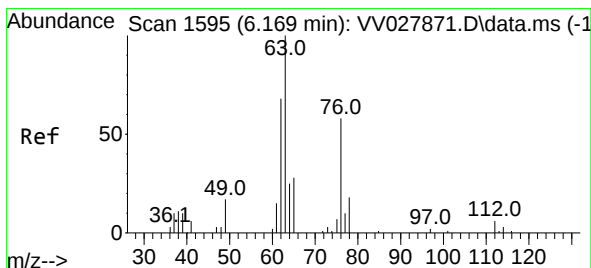
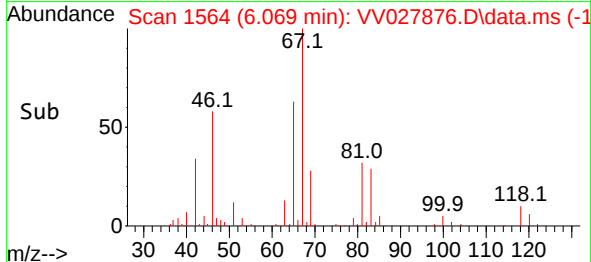
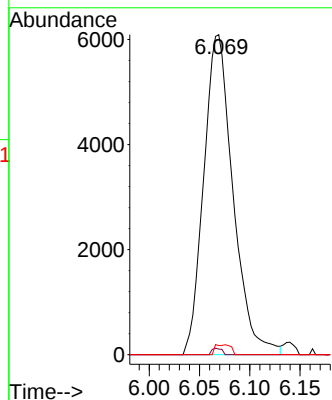
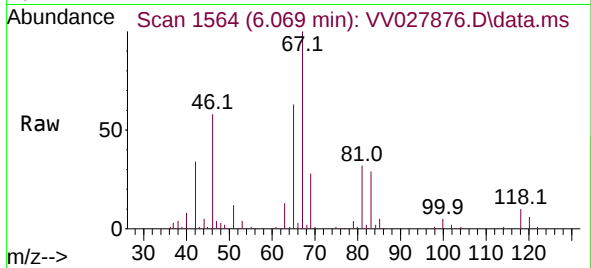




#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV027876.D
Acq: 16 Sep 2022 12:49

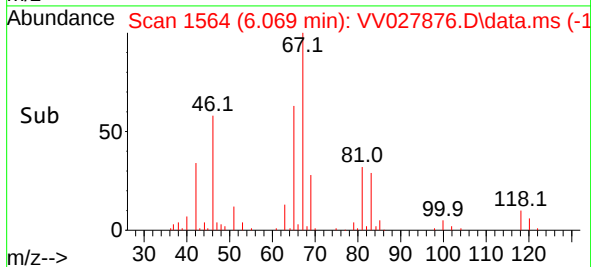
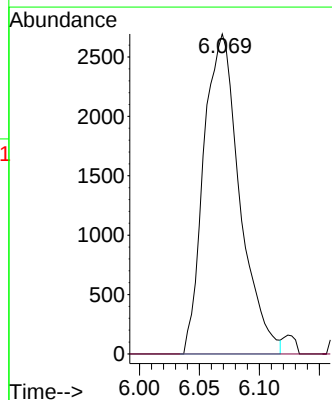
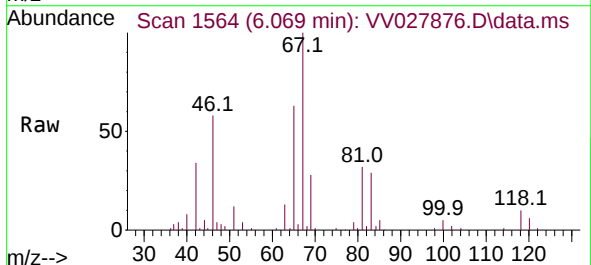
Instrument :
MSVOA_V
ClientSampleId :

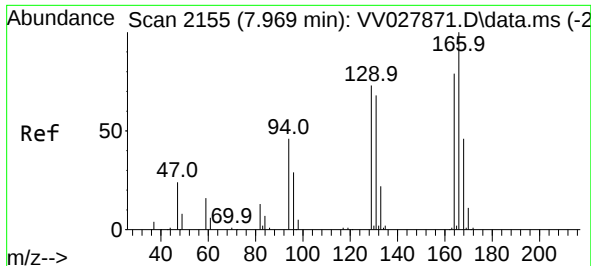
Tgt Ion: 83 Resp: 12353
Ion Ratio Lower Upper
83 100
55 0.7 61.9 92.9#
98 1.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027876.D
Acq: 16 Sep 2022 12:49

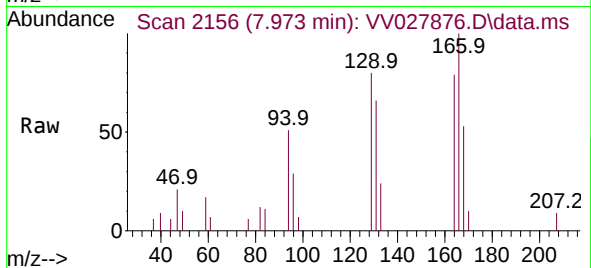
Tgt Ion: 63 Resp: 5621
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



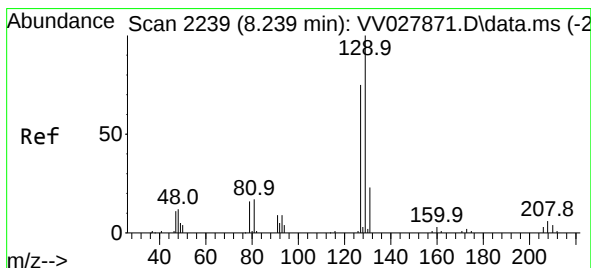
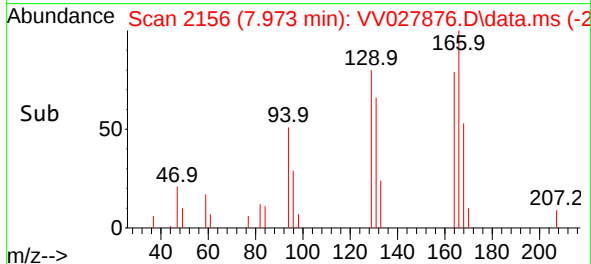
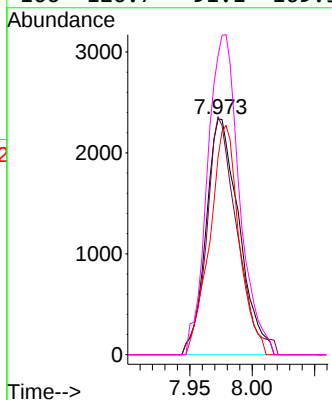


#47
Tetrachloroethene
Concen: 0.498 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027876.D
Acq: 16 Sep 2022 12:49

Instrument :
MSVOA_V
ClientSampleId :

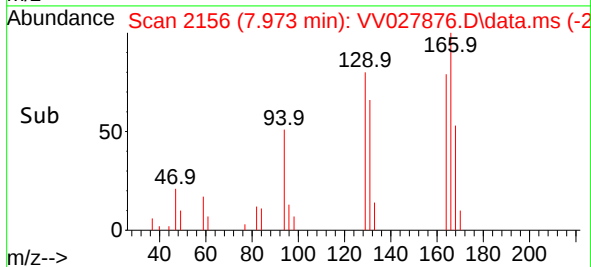
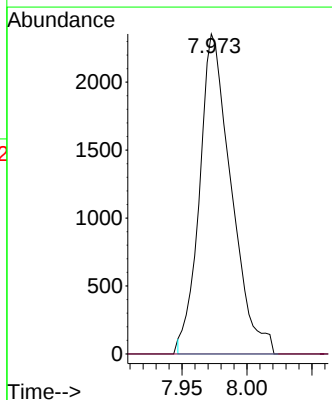
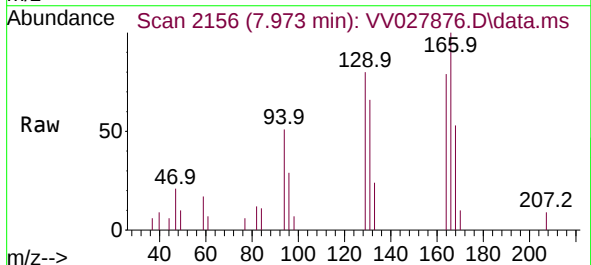


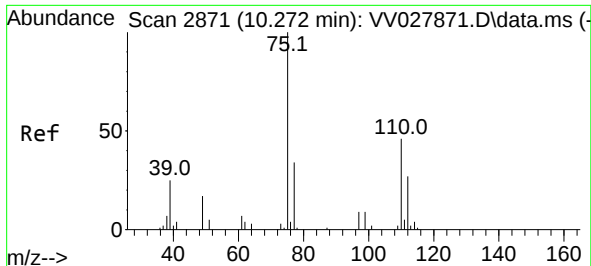
Tgt Ion:	164	Resp:	4299
Ion Ratio	Lower	Upper	
164	100		
129	100.8	67.2	124.8
131	83.7	61.5	114.3
166	126.7	91.1	169.3



#49
Dibromochloromethane
Concen: 0.476 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.267 min
Lab File: VV027876.D
Acq: 16 Sep 2022 12:49

Tgt Ion:	129	Resp:	3988
Ion Ratio	Lower	Upper	
129	100		
127	0.0	55.2	102.6#





#61

1,2,3-Trichloropropane

Concen: 1.139 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027876.D

Acq: 16 Sep 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

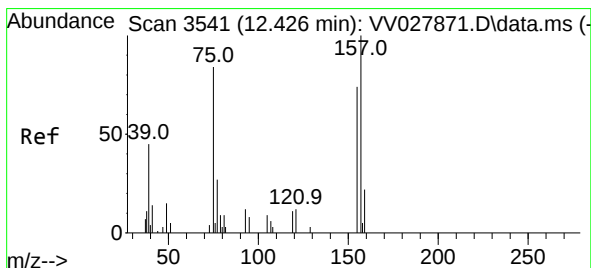
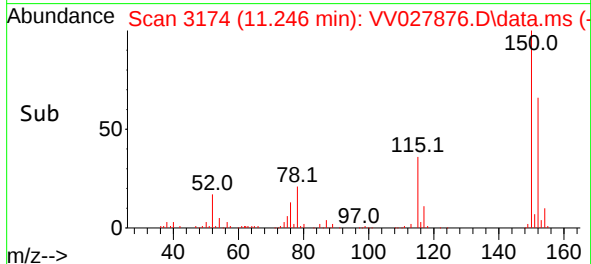
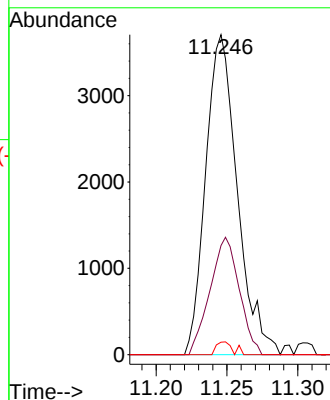
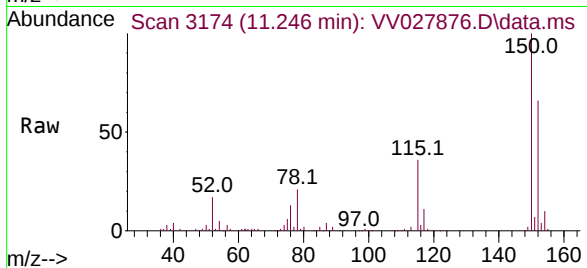
Tgt Ion: 75 Resp: 5746

Ion Ratio Lower Upper

75 100

77 34.0 27.6 41.4

110 2.1 35.6 53.4#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.150 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.180 min

Lab File: VV027876.D

Acq: 16 Sep 2022 12:49

Tgt Ion: 75 Resp: 162

Ion Ratio Lower Upper

75 100

155 0.0 71.9 107.9#

157 0.0 95.1 142.7#

