

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091622\
 Data File : VW027875.D
 Acq On : 16 Sep 2022 12:24
 Operator : SY/MD
 Sample : N4652-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ27

Quant Time: Sep 16 22:07:19 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)

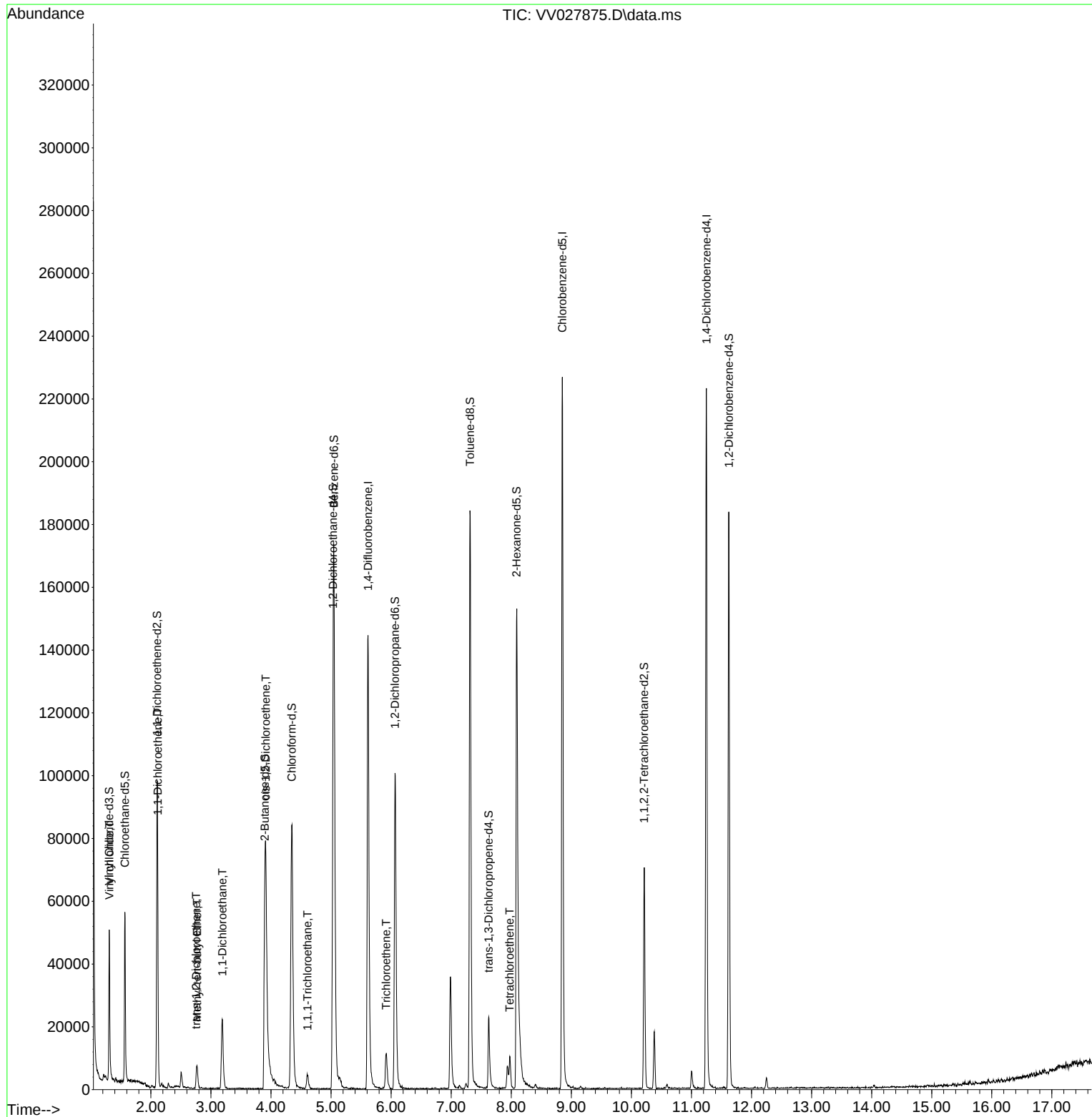
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	134445	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	131653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32411	3.657	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.200%	
7) Chloroethane-d5	1.568	69	34346	4.569	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.105	63	52392	2.786	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.800%#	
20) 2-Butanone-d5	3.896	46	73200	37.270	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.540%	
24) Chloroform-d	4.346	84	90359	4.980	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.034	65	45459	4.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.047	84	159767	4.183	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.066	67	44974	4.022	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.400%	
41) Toluene-d8	7.313	98	130809	4.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	7.625	79	14001	3.732	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.600%	
46) 2-Hexanone-d5	8.088	63	56267	40.350	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.700%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31854	4.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51211	4.892	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	2048	0.169	ug/L #	65
12) 1,1-Dichloroethene	2.114	96	2112	0.237	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	5022	0.237	ug/L #	91
18) trans-1,2-Dichloroethene	2.754	96	956	0.102	ug/L #	70
19) 1,1-Dichloroethane	3.191	63	22106	1.252	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	31299	3.052	ug/L #	83
29) 1,1,1-Trichloroethane	4.609	97	3736	0.185	ug/L	98
34) Trichloroethene	5.918	95	3806	0.350	ug/L	90
47) Tetrachloroethene	7.976	164	2250	0.258	ug/L	89

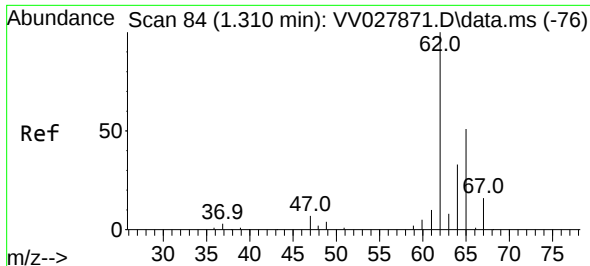
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
Data File : VV027875.D
Acq On : 16 Sep 2022 12:24
Operator : SY/MD
Sample : N4652-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ27

Quant Time: Sep 16 22:07:19 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

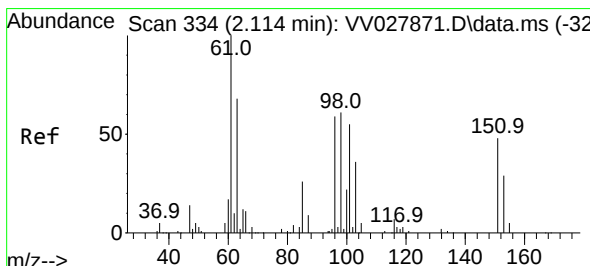
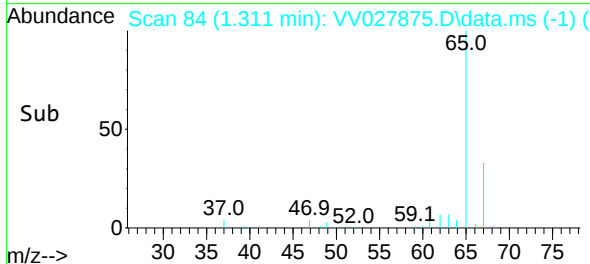
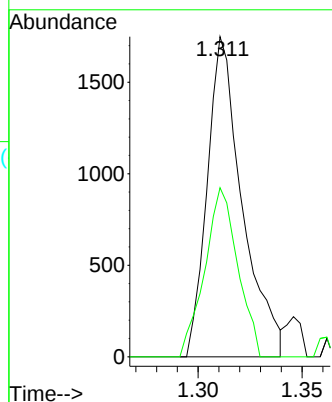
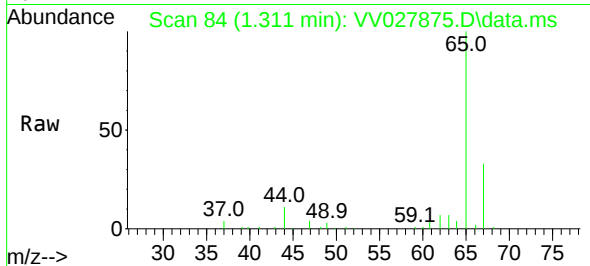




#5
 Vinyl chloride
 Concen: 0.169 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027875.D
 Acq: 16 Sep 2022 12:24

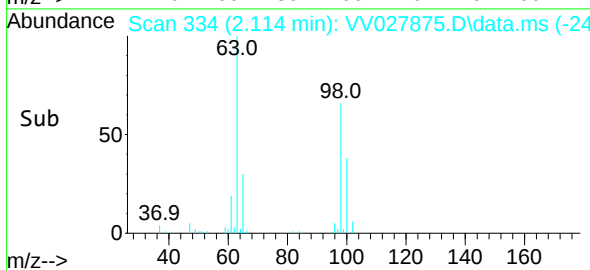
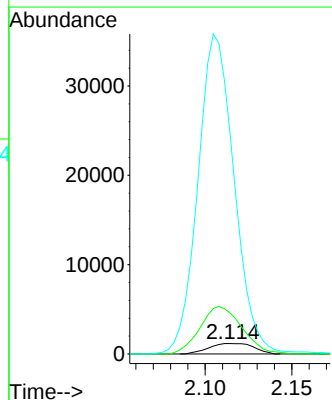
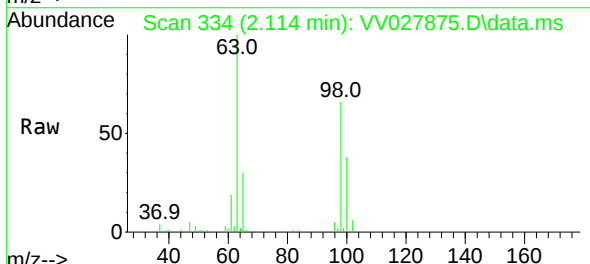
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ27

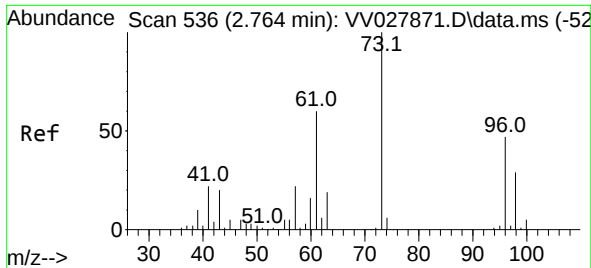
Tgt Ion: 62 Resp: 2048
 Ion Ratio Lower Upper
 62 100
 64 52.8 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.237 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027875.D
 Acq: 16 Sep 2022 12:24

Tgt Ion: 96 Resp: 2112
 Ion Ratio Lower Upper
 96 100
 61 392.5 129.9 241.3#
 63 2105.3 94.6 175.8#

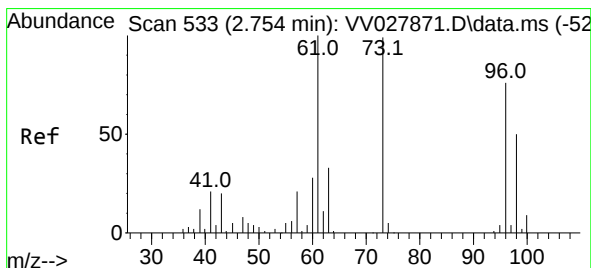
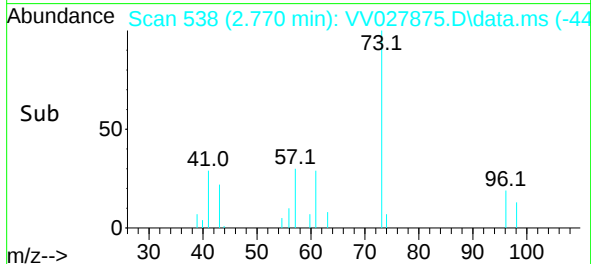
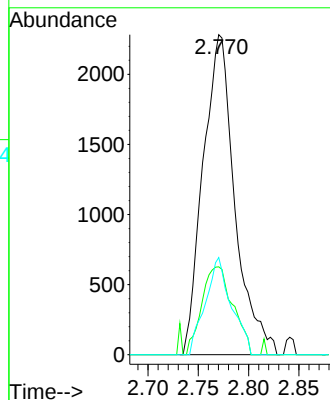
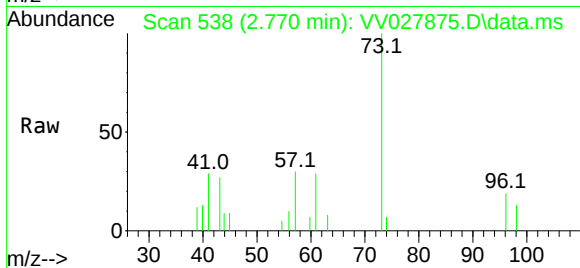




#17
Methyl tert-butyl Ether
Concen: 0.237 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027875.D
Acq: 16 Sep 2022 12:24

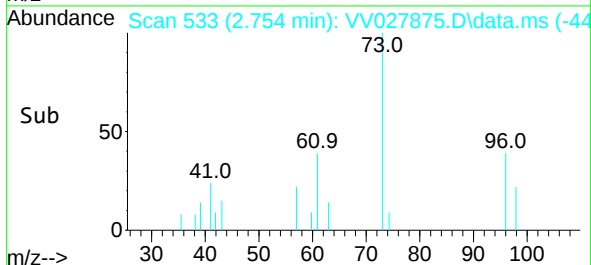
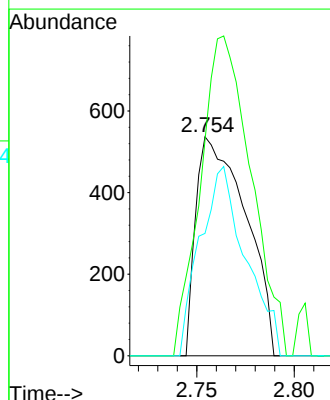
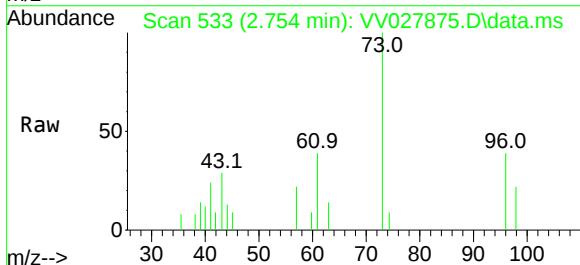
Instrument :
MSVOA_V
ClientSampleId :
EXZ27

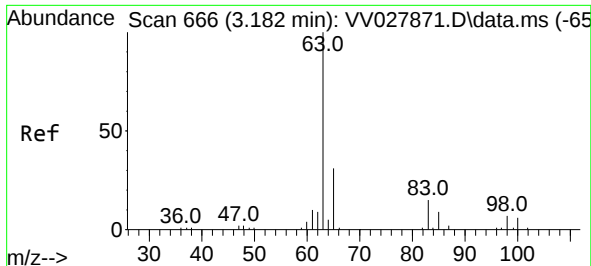
Tgt Ion: 73 Resp: 5022
Ion Ratio Lower Upper
73 100
43 27.0 17.5 26.3#
57 24.8 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV027875.D
Acq: 16 Sep 2022 12:24

Tgt Ion: 96 Resp: 956
Ion Ratio Lower Upper
96 100
61 98.3 102.6 190.5#
98 55.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 1.252 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV027875.D

Acq: 16 Sep 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

EXZ27

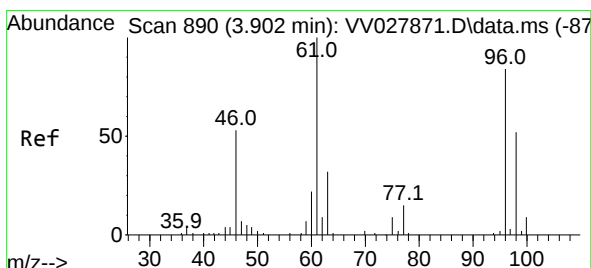
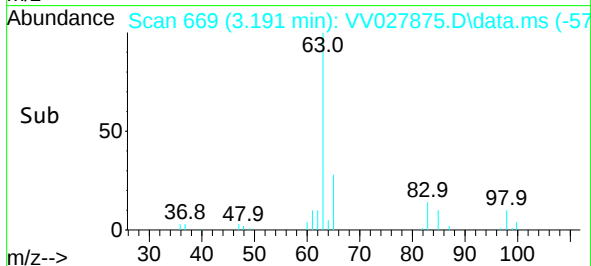
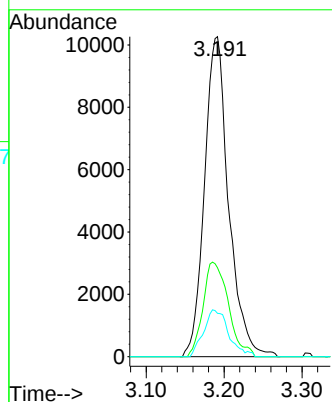
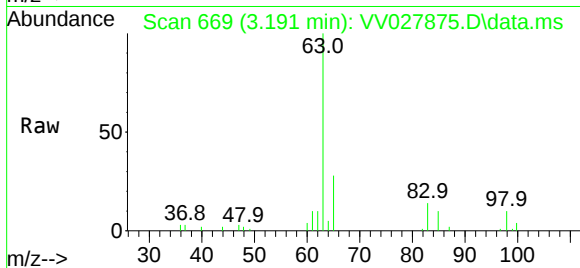
Tgt Ion: 63 Resp: 22106

Ion Ratio Lower Upper

63 100

65 27.8 22.0 41.0

83 13.6 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 3.052 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.010 min

Lab File: VV027875.D

Acq: 16 Sep 2022 12:24

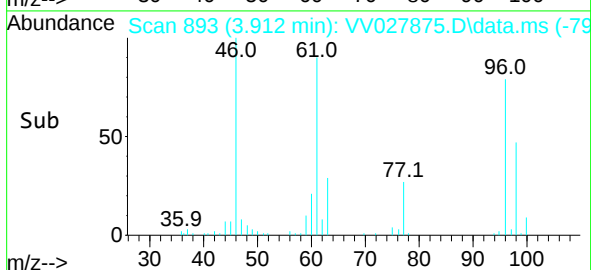
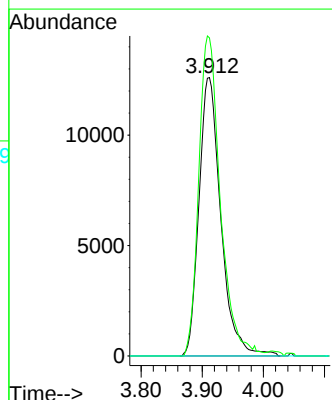
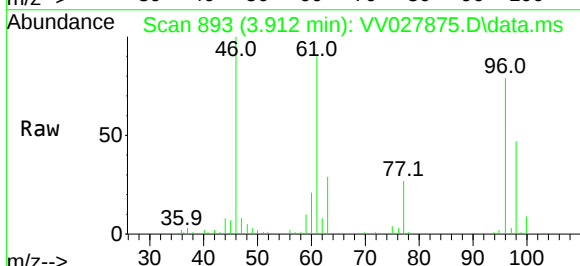
Tgt Ion: 96 Resp: 31299

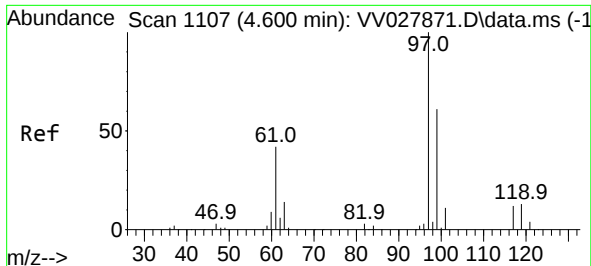
Ion Ratio Lower Upper

96 100

61 114.2 94.6 175.6

68 0.0 0.3 0.5#





#29

1,1,1-Trichloroethane

Concen: 0.185 ug/L

RT: 4.609 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV027875.D

Acq: 16 Sep 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

EXZ27

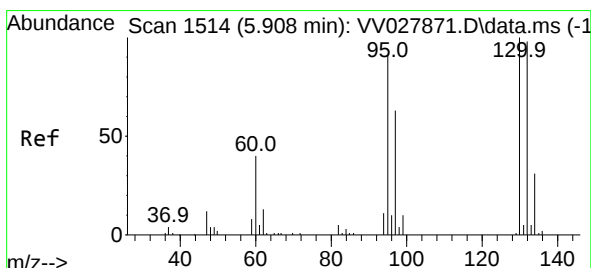
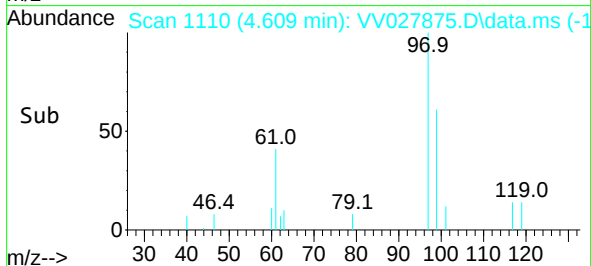
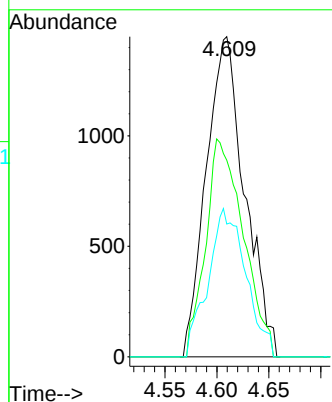
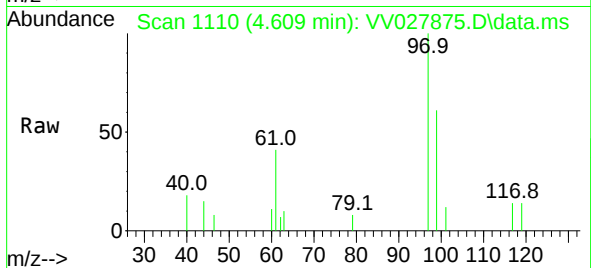
Tgt Ion: 97 Resp: 3736

Ion Ratio Lower Upper

97 100

99 66.4 50.8 76.2

61 45.3 36.2 54.4



#34

Trichloroethene

Concen: 0.350 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV027875.D

Acq: 16 Sep 2022 12:24

Tgt Ion: 95 Resp: 3806

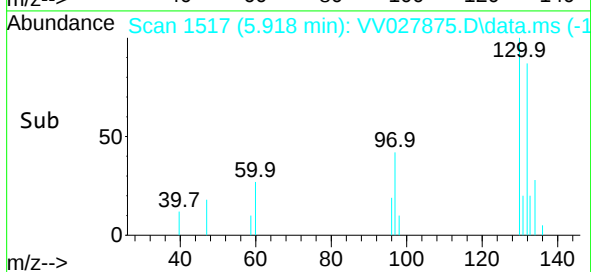
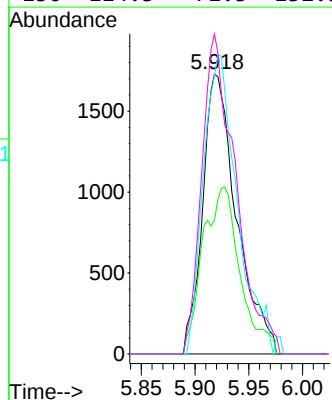
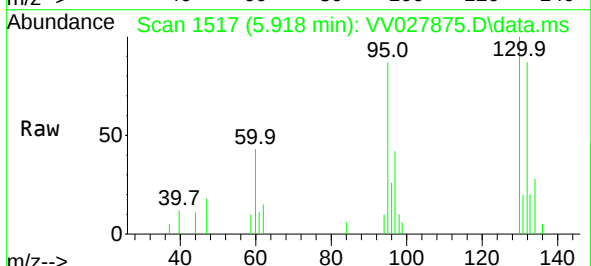
Ion Ratio Lower Upper

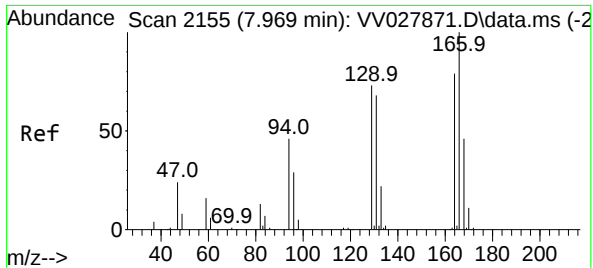
95 100

97 47.8 42.9 79.7

132 99.1 67.9 126.1

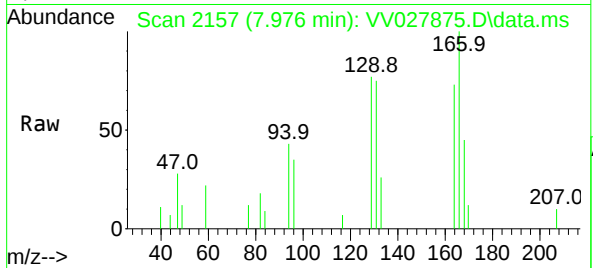
130 114.3 71.3 132.3





#47
 Tetrachloroethene
 Concen: 0.258 ug/L
 RT: 7.976 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VV027875.D
 Acq: 16 Sep 2022 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ27



Tgt Ion:	164	Resp:	2250
Ion	Ratio	Lower	Upper
164	100		
129	106.2	67.2	124.8
131	103.6	61.5	114.3
166	137.8	91.1	169.3

