

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027732.D
 Acq On : 02 Sep 2022 19:02
 Operator : SY/MD
 Sample : N4418-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVE7

Quant Time: Sep 03 05:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

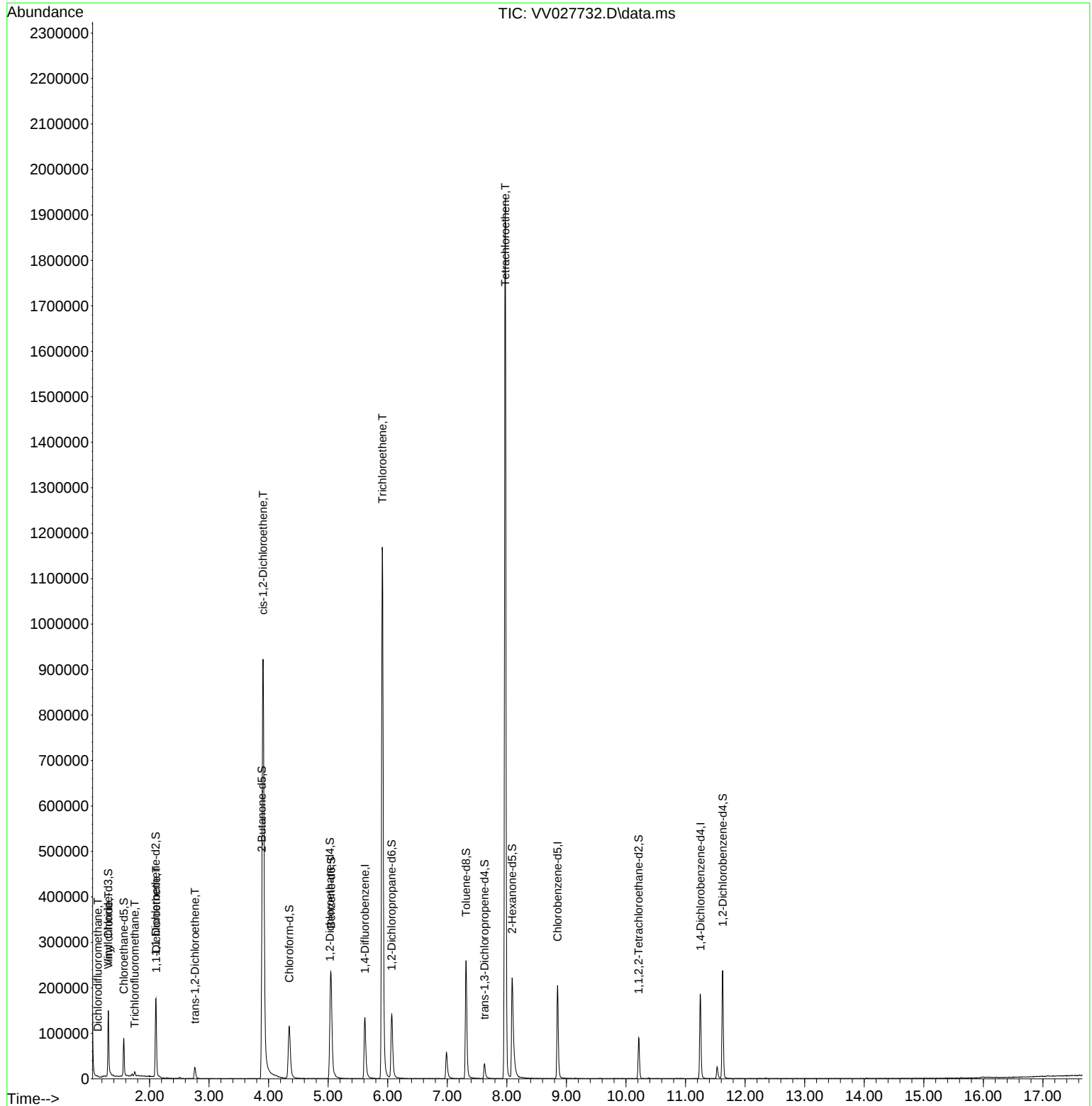
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118847	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	114230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59133	4.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.568	69	55125	5.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.105	63	94533	3.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.886	46	76005	34.818	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.640%
24) Chloroform-d	4.346	84	121957	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.031	65	58102	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.047	84	222028	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.066	67	67176	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.313	98	175191	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.625	79	20774	4.659	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.088	63	89662	53.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41627	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	61412	5.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
2) Dichlorodifluoromethane	1.130	85	1125	0.069	ug/L #	82
5) Vinyl chloride	1.310	62	48904	3.313	ug/L	95
9) Trichlorofluoromethane	1.751	101	5035	0.254	ug/L	94
12) 1,1-Dichloroethene	2.114	96	2925	0.295	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	8784	0.781	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	521715	46.488	ug/L	91
34) Trichloroethene	5.908	95	417949	38.161	ug/L	98
47) Tetrachloroethene	7.973	164	417544	47.020	ug/L	99

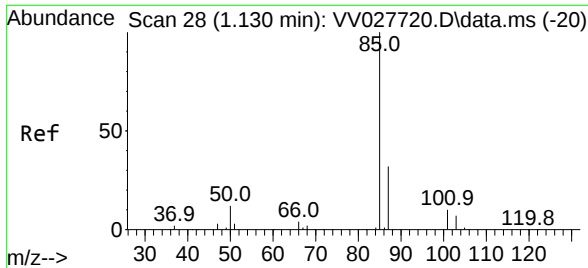
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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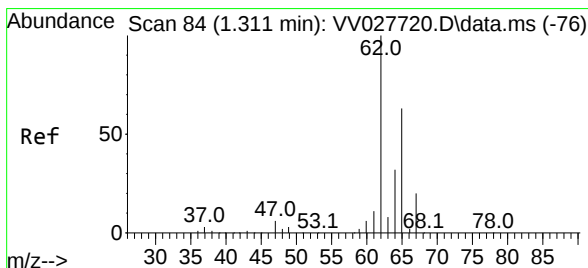
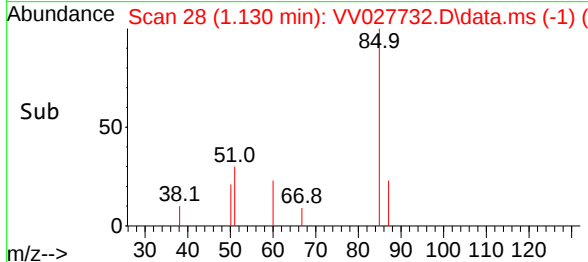
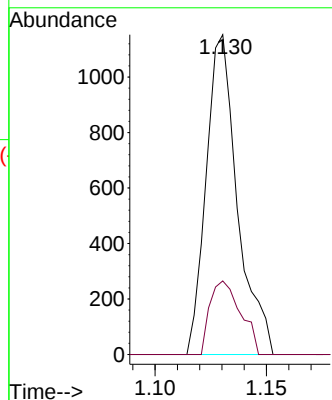
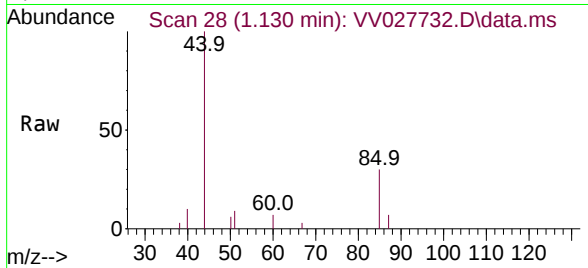




#2
 Dichlorodifluoromethane
 Concen: 0.069 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV027732.D
 Acq: 02 Sep 2022 19:02

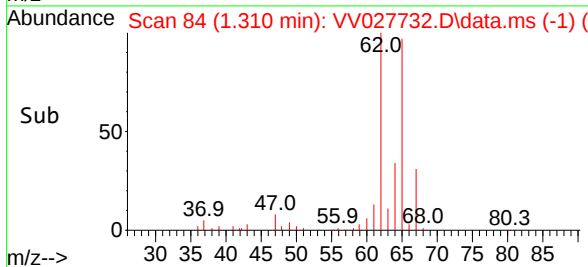
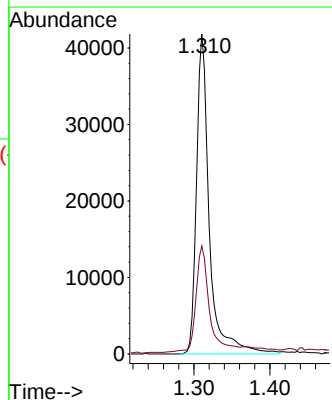
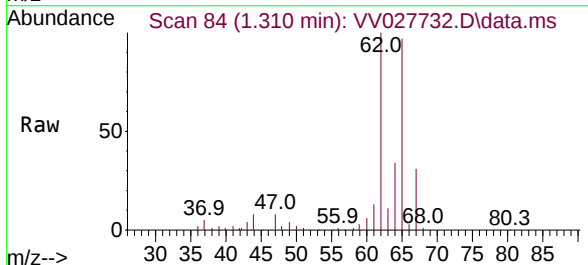
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVE7

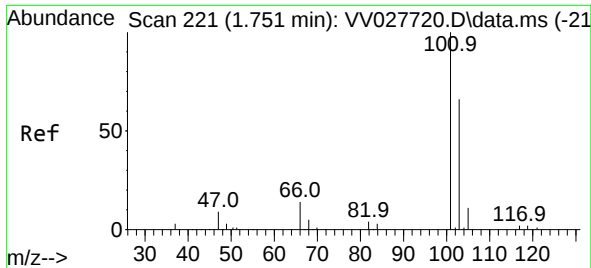
Tgt Ion: 85 Resp: 1125
 Ion Ratio Lower Upper
 85 100
 87 22.6 26.2 39.4#



#5
 Vinyl chloride
 Concen: 3.313 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027732.D
 Acq: 02 Sep 2022 19:02

Tgt Ion: 62 Resp: 48904
 Ion Ratio Lower Upper
 62 100
 64 33.7 21.8 40.4

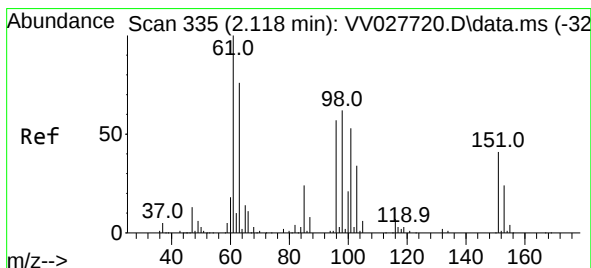
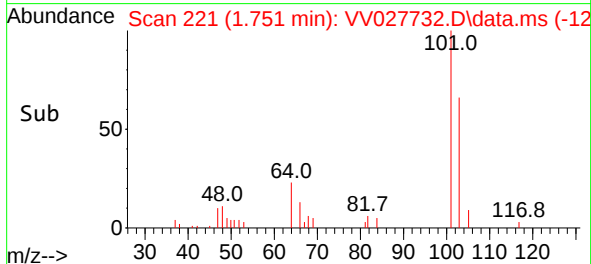
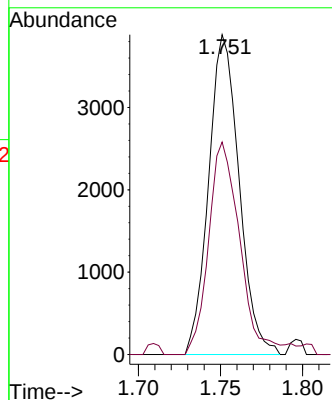
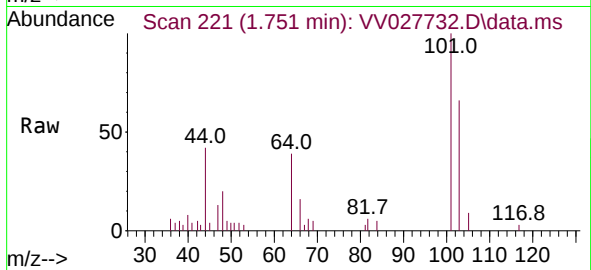




#9
 Trichlorofluoromethane
 Concen: 0.254 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027732.D
 Acq: 02 Sep 2022 19:02

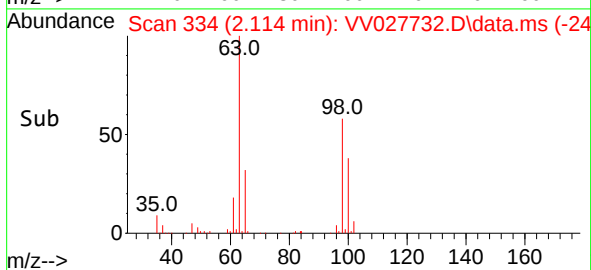
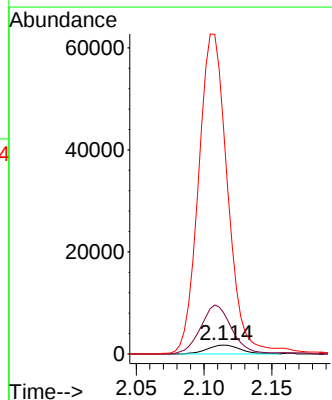
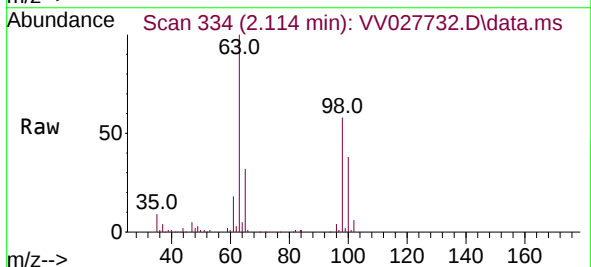
Instrument :
 MSVOA_V
 ClientSampleId :
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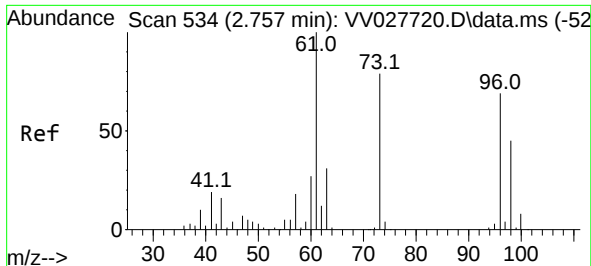
Tgt Ion:101 Resp: 5035
 Ion Ratio Lower Upper
 101 100
 103 68.9 51.6 77.4



#12
 1,1-Dichloroethene
 Concen: 0.295 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV027732.D
 Acq: 02 Sep 2022 19:02

Tgt Ion: 96 Resp: 2925
 Ion Ratio Lower Upper
 96 100
 61 472.6 134.3 249.3#
 63 2599.0 105.7 196.3#

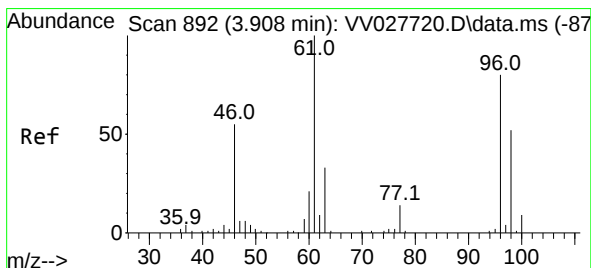
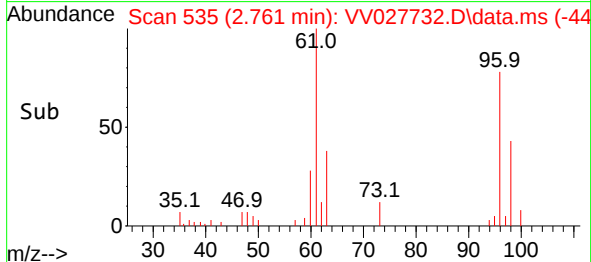
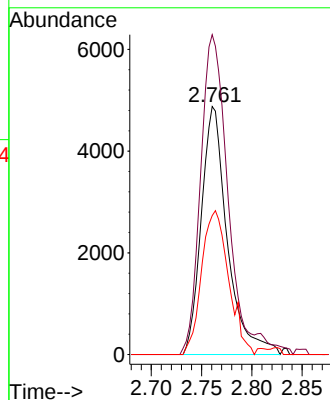
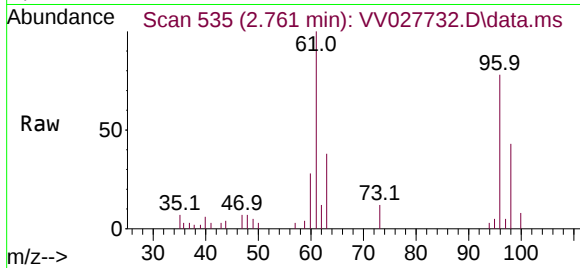




#18
trans-1,2-Dichloroethene
Concen: 0.781 ug/L
RT: 2.761 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027732.D
Acq: 02 Sep 2022 19:02

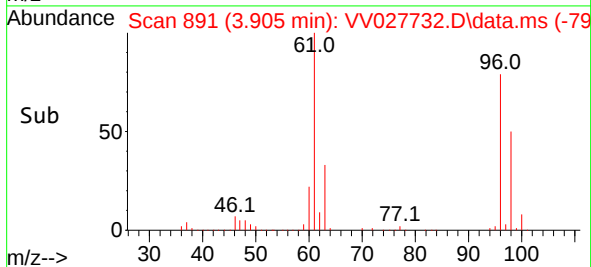
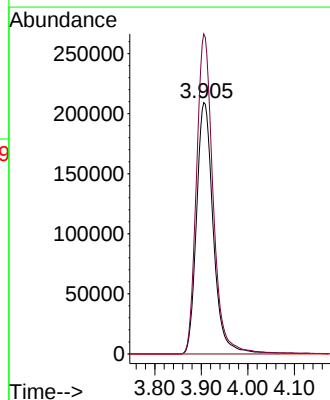
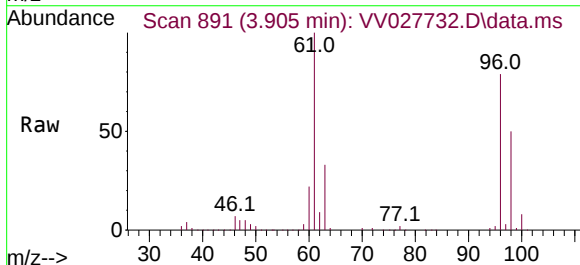
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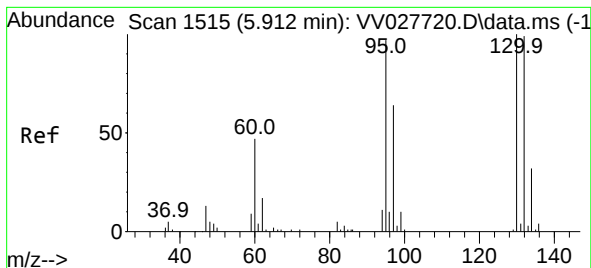
Tgt Ion: 96 Resp: 8784
Ion Ratio Lower Upper
96 100
61 129.0 101.8 189.0
98 56.0 44.9 83.3



#22
cis-1,2-Dichloroethene
Concen: 46.488 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV027732.D
Acq: 02 Sep 2022 19:02

Tgt Ion: 96 Resp: 521715
Ion Ratio Lower Upper
96 100
61 127.3 96.9 180.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 38.161 ug/L

RT: 5.908 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV027732.D

Acq: 02 Sep 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

DBVE7

Tgt Ion: 95 Resp: 417949

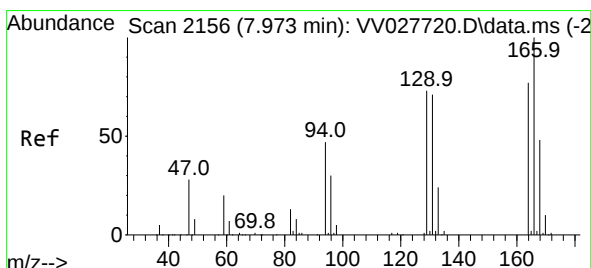
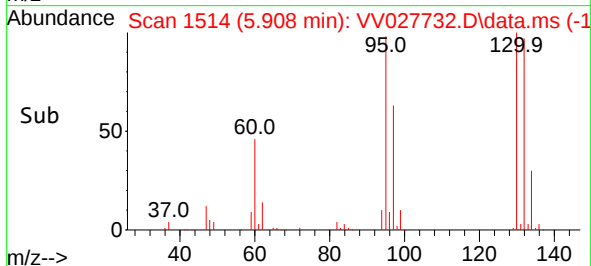
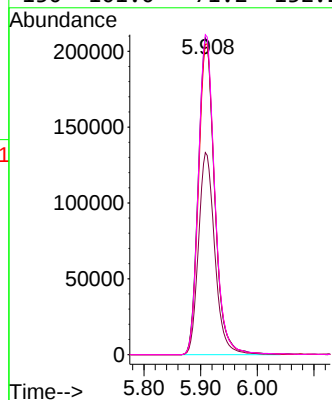
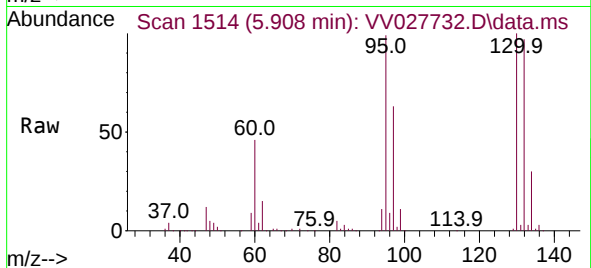
Ion Ratio Lower Upper

95 100

97 63.8 46.1 85.5

132 98.0 67.3 125.1

130 101.0 71.2 132.2



#47

Tetrachloroethene

Concen: 47.020 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027732.D

Acq: 02 Sep 2022 19:02

Tgt Ion:164 Resp: 417544

Ion Ratio Lower Upper

164 100

129 96.2 65.9 122.3

131 92.9 64.5 119.7

166 127.8 88.8 165.0

