

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VW028825.D
 Acq On : 01 Nov 2022 19:16
 Operator : SY/MD
 Sample : N5353-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWV2

Quant Time: Nov 02 05:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

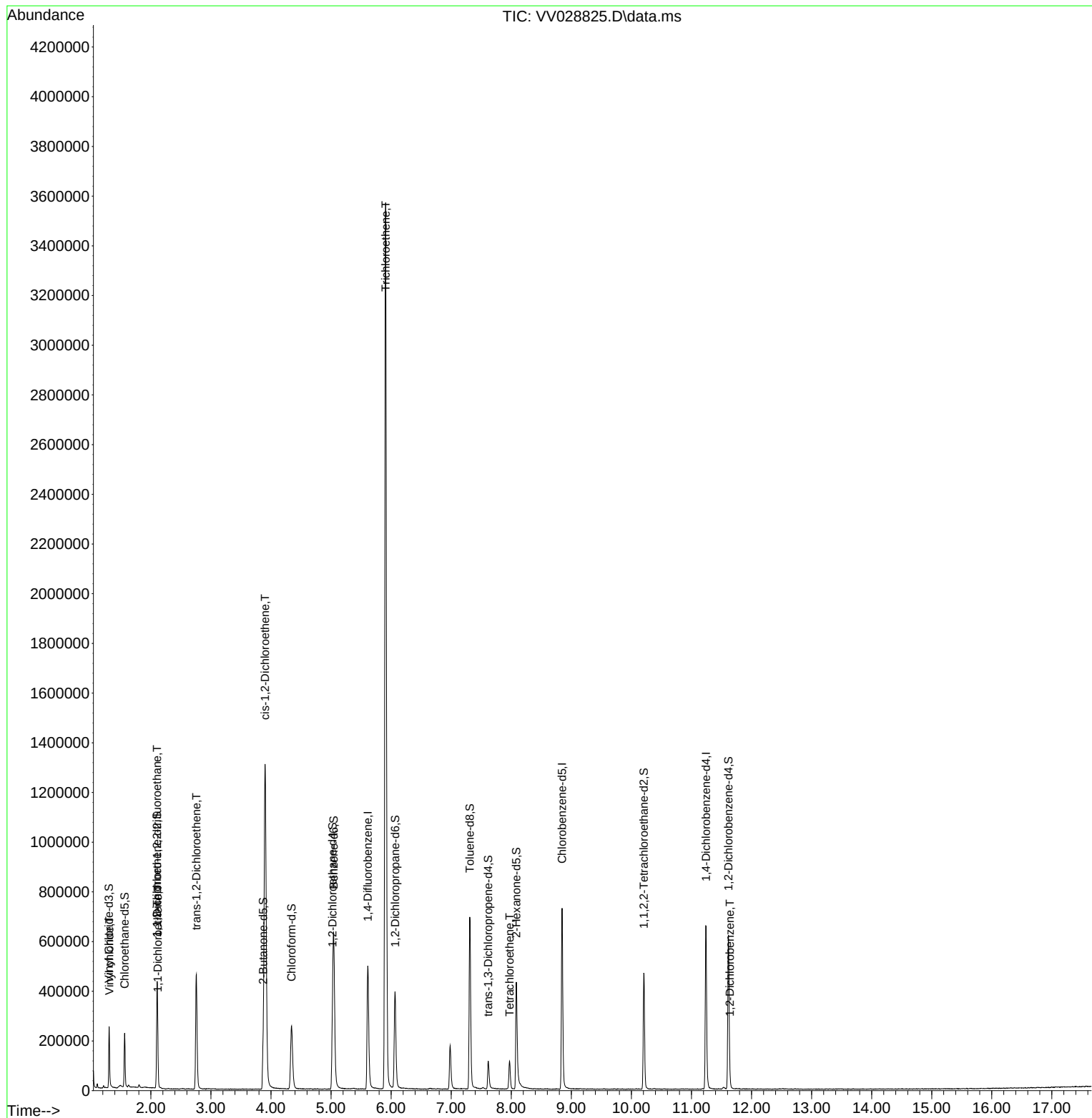
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	395469	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	358314	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	154956	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	158001	42.146	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.300%		
7) Chloroethane-d5	1.564	69	138833	43.320	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.640%		
11) 1,1-Dichloroethene-d2	2.105	63	236838	33.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.420%		
21) 2-Butanone-d5	3.870	46	241874	88.631	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.630%		
24) Chloroform-d	4.342	84	250484	44.300	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.600%		
26) 1,2-Dichloroethane-d4	5.024	65	181457	48.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.040%		
32) Benzene-d6	5.043	84	527706	47.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.360%		
36) 1,2-Dichloropropane-d6	6.066	67	186906	48.671	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.340%		
41) Toluene-d8	7.310	98	440375	44.783	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.560%		
43) trans-1,3-Dichloroprop...	7.616	79	62531	42.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.800%		
47) 2-Hexanone-d5	8.085	63	144554	83.296	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.300%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	229163	45.254	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.500%		
66) 1,2-Dichlorobenzene-d4	11.615	152	144998	47.405	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.820%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	4276	0.962	ug/L #	14
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2045	0.683	ug/L #	27
12) 1,1-Dichloroethene	2.117	96	6710	2.275	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	156809	54.961	ug/L	96
20) cis-1,2-Dichloroethene	3.902	96	653146	207.481	ug/L #	98
34) Trichloroethene	5.908	95	1207891	409.458	ug/L	98
46) Tetrachloroethene	7.973	164	23031	11.265	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	8988	1.779	ug/L	93

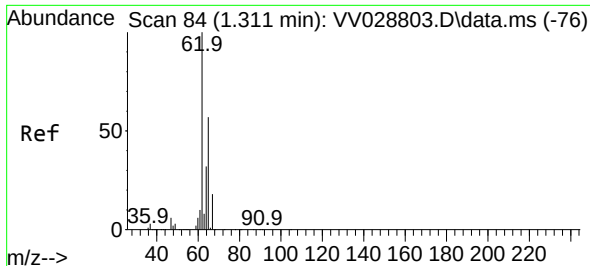
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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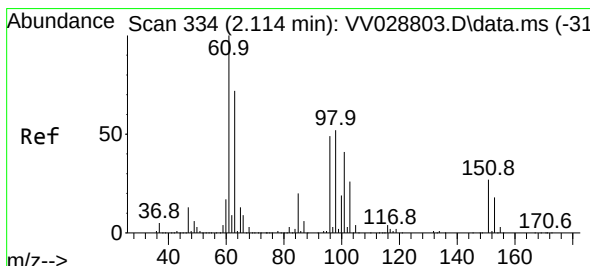
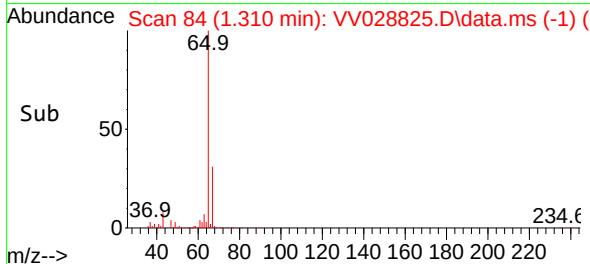
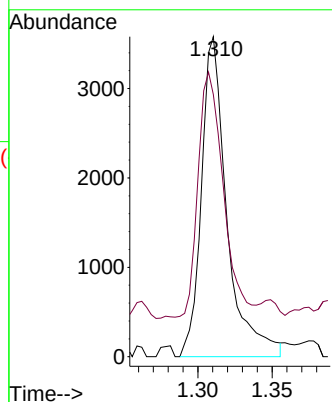
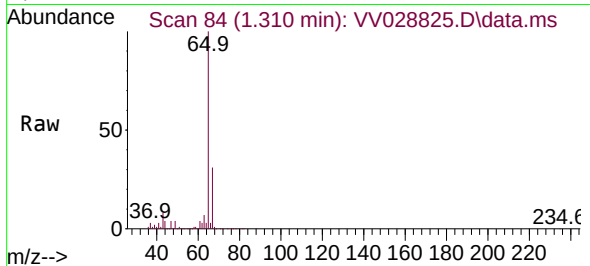




#5
 Vinyl chloride
 Concen: 0.962 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028825.D
 Acq: 01 Nov 2022 19:16

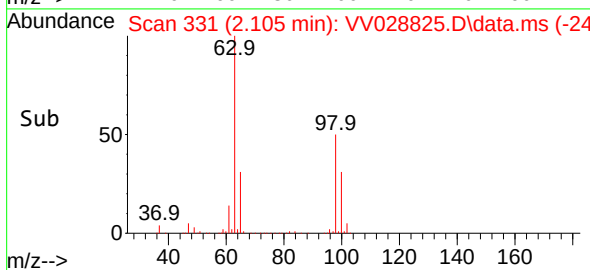
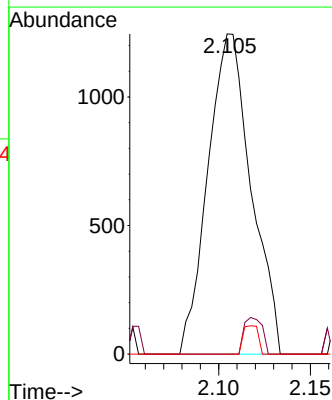
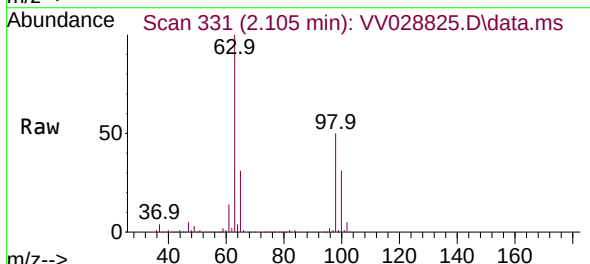
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVV2

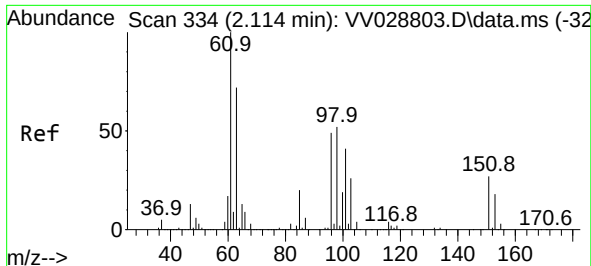
Tgt Ion: 62 Resp: 4276
 Ion Ratio Lower Upper
 62 100
 64 82.0 23.2 43.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.683 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.010 min
 Lab File: VV028825.D
 Acq: 01 Nov 2022 19:16

Tgt Ion: 101 Resp: 2045
 Ion Ratio Lower Upper
 101 100
 85 4.8 38.0 57.0#
 151 3.1 52.7 79.1#





#12

1,1-Dichloroethene

Concen: 2.275 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028825.D

Acq: 01 Nov 2022 19:16

Instrument :

MSVOA_V

ClientSampleId :

DBVV2

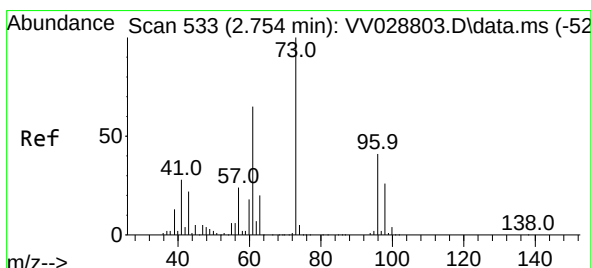
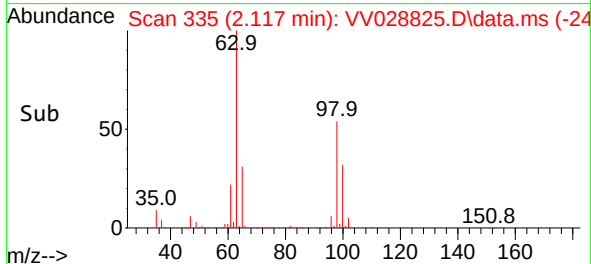
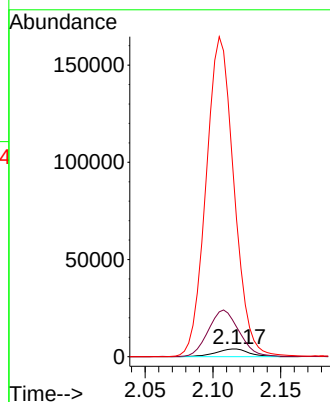
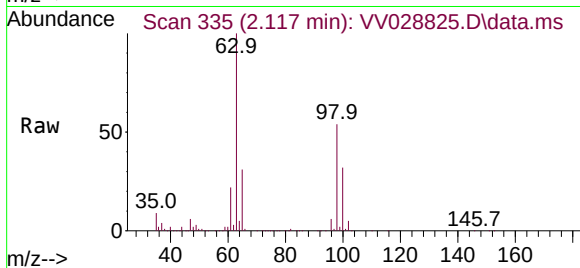
Tgt Ion: 96 Resp: 6710

Ion Ratio Lower Upper

96 100

61 386.1 142.7 265.1#

63 1785.9 112.5 208.9#



#17

trans-1,2-Dichloroethene

Concen: 54.961 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV028825.D

Acq: 01 Nov 2022 19:16

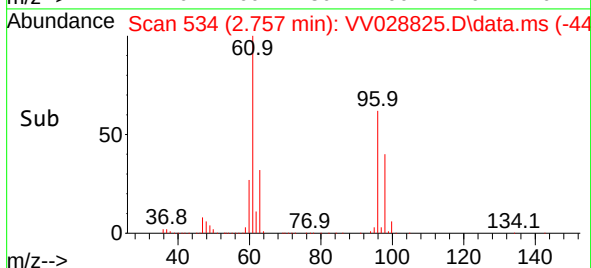
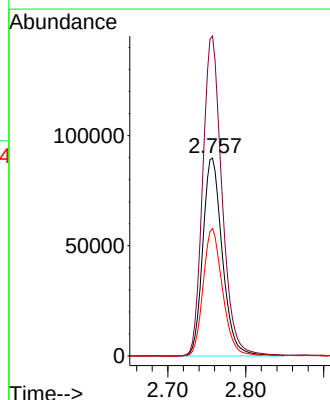
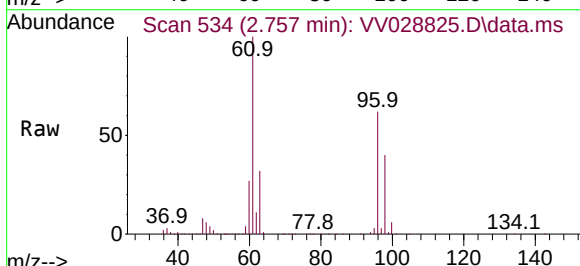
Tgt Ion: 96 Resp: 156809

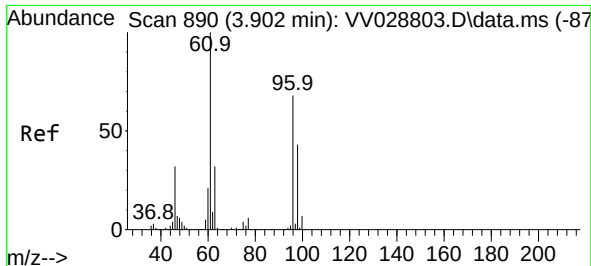
Ion Ratio Lower Upper

96 100

61 161.7 109.4 203.2

98 64.3 43.3 80.5

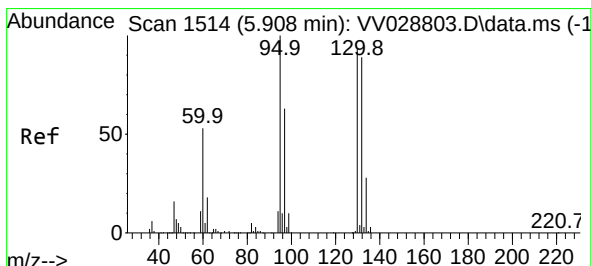
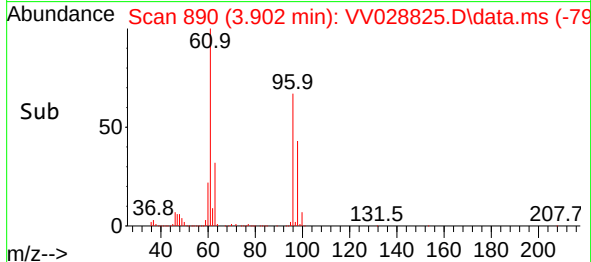
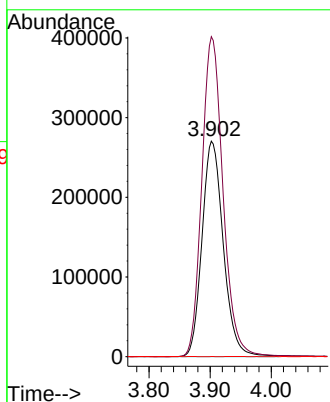
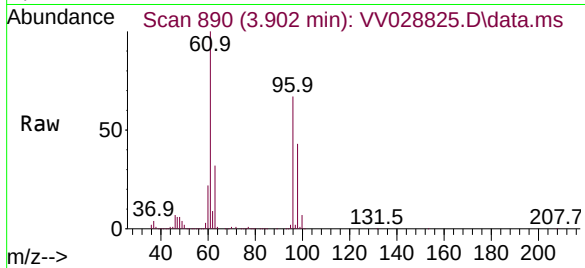




#20
cis-1,2-Dichloroethene
Concen: 207.481 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV028825.D
Acq: 01 Nov 2022 19:16

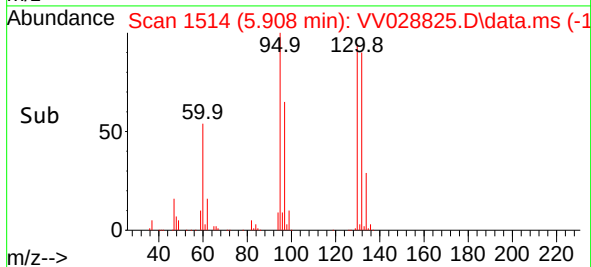
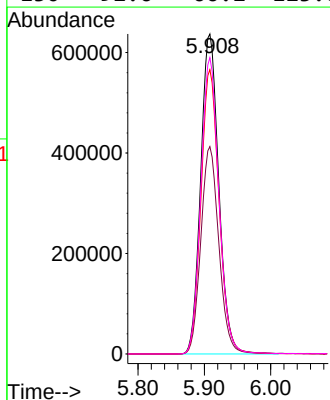
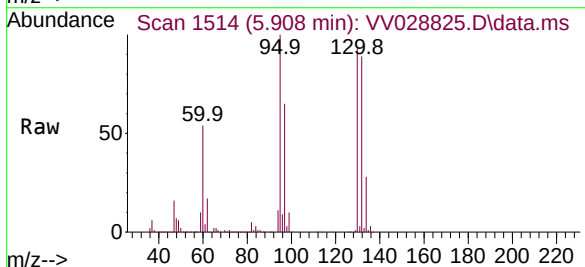
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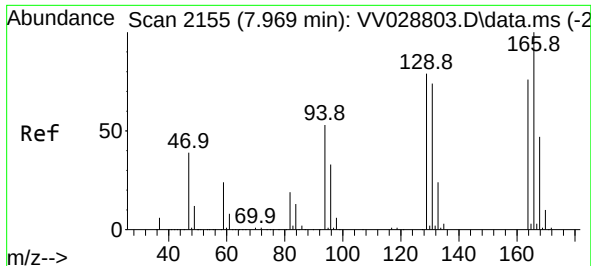
Tgt Ion: 96 Resp: 653146
Ion Ratio Lower Upper
96 100
61 148.5 102.3 190.1
68 0.0 0.1 0.3#



#34
Trichloroethene
Concen: 409.458 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028825.D
Acq: 01 Nov 2022 19:16

Tgt Ion: 95 Resp: 1207891
Ion Ratio Lower Upper
95 100
97 64.8 46.2 85.8
132 88.8 63.2 117.4
130 92.6 66.2 123.0



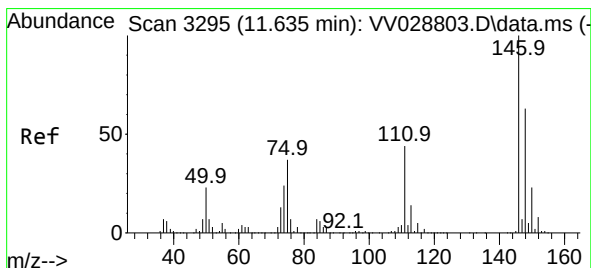
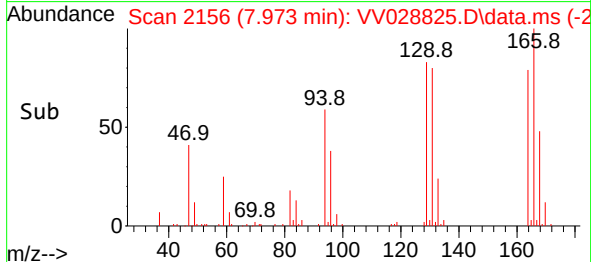
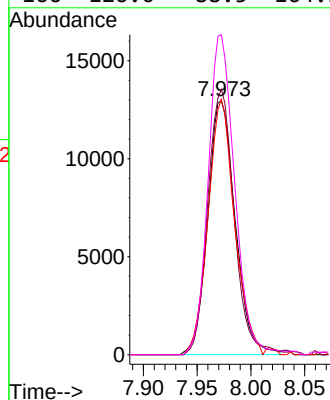
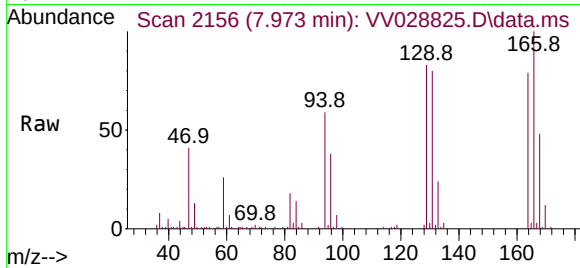


#46
Tetrachloroethene
Concen: 11.265 ug/L
RT: 7.973 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028825.D
Acq: 01 Nov 2022 19:16

Instrument :
MSVOA_V
ClientSampleId :
DBVV2

Tgt Ion:164 Resp: 23031

Ion	Ratio	Lower	Upper
164	100		
129	104.5	69.5	129.1
131	100.5	66.4	123.2
166	126.0	88.5	164.3



#67
1,2-Dichlorobenzene
Concen: 1.779 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. 0.003 min
Lab File: VV028825.D
Acq: 01 Nov 2022 19:16

Tgt Ion:146 Resp: 8988

Ion	Ratio	Lower	Upper
146	100		
111	47.5	34.2	51.2
148	67.4	49.5	74.3

