

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080322\
 Data File : VV027198.D
 Acq On : 03 Aug 2022 17:52
 Operator : SY/MD
 Sample : N4005-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY143DL

Quant Time: Aug 04 03:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 04 02:57:16 2022
 Response via : Initial Calibration

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

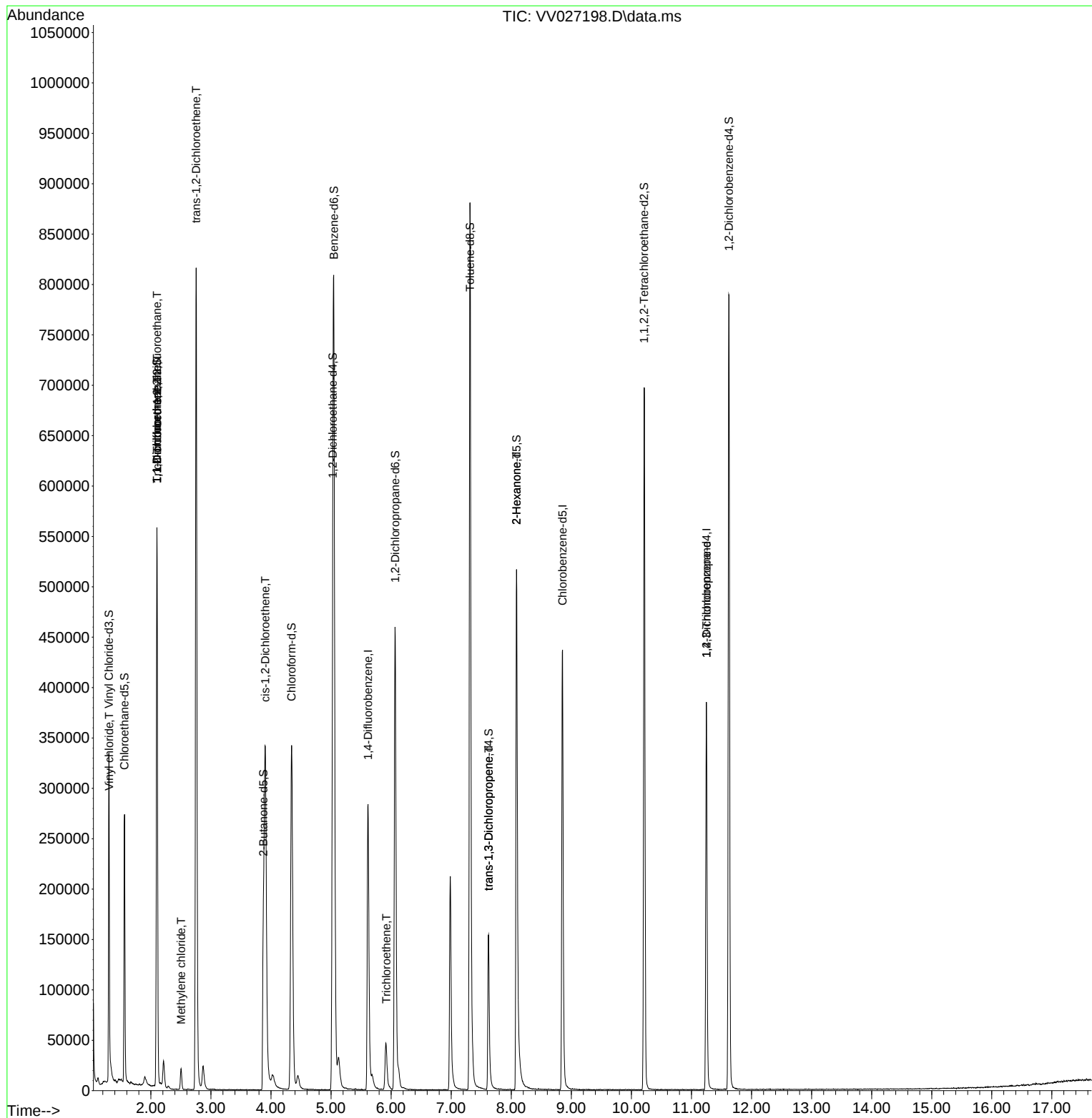
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	256907	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	269214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105277	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	234428	140.799	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	281.600%#	
7) Chloroethane-d5	1.561	69	179734	144.257	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	288.520%#	
11) 1,1-Dichloroethene-d2	2.101	63	281451	88.772	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	177.540%#	
21) 2-Butanone-d5	3.873	46	258013	235.373	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	235.370%#	
24) Chloroform-d	4.343	84	370031	109.948	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	219.900%#	
26) 1,2-Dichloroethane-d4	5.027	65	216642	113.456	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	226.920%#	
32) Benzene-d6	5.047	84	746942	104.852	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	209.700%#	
36) 1,2-Dichloropropane-d6	6.066	67	245179	111.258	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	222.520%#	
41) Toluene-d8	7.313	98	634007	98.720	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	197.440%#	
43) trans-1,3-Dichloroprop...	7.622	79	97285	100.587	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	201.180%#	
47) 2-Hexanone-d5	8.088	63	190488	223.900	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	223.900%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	341063	103.536	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	207.080%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	219291	118.523	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	237.040%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	3265	1.346	ug/L #	1
9) Trichlorofluoromethane	2.101	101	2962	0.927	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2962	1.616	ug/L #	22
12) 1,1-Dichloroethene	2.101	96	3330	1.869	ug/L #	1
16) Methylene chloride	2.503	84	9332	4.133	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	322292	169.966	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	172440	85.670	ug/L	99
34) Trichloroethene	5.921	95	15941	7.507	ug/L	91
44) trans-1,3-Dichloropropene	7.622	75	4102	1.404	ug/L	84
48) 2-Hexanone	8.088	43	20504	10.294	ug/L #	65
61) 1,2,3-Trichloropropane	11.249	75	11762	5.381	ug/L #	64

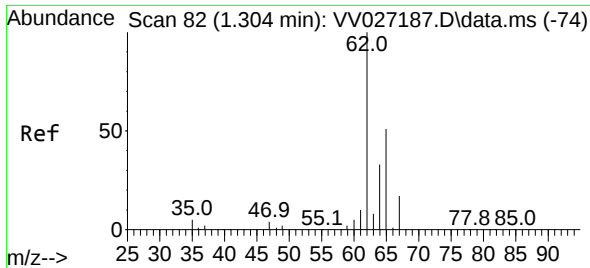
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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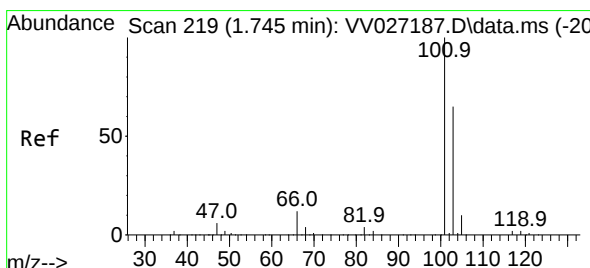
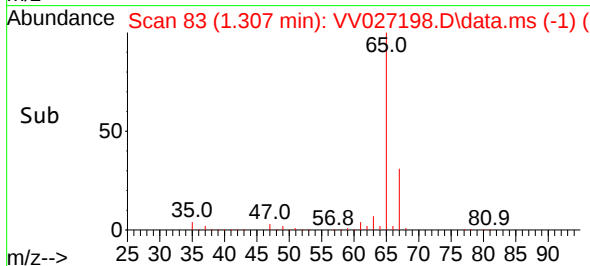
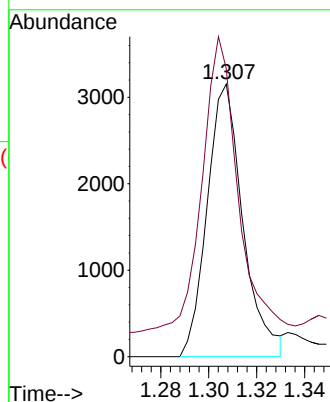
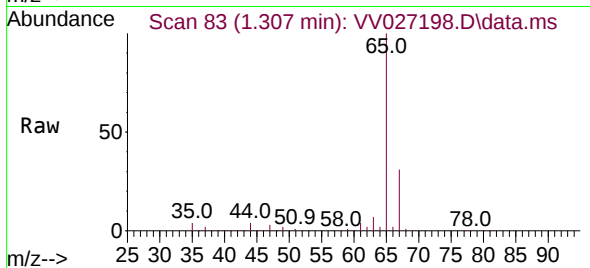




#5
 Vinyl chloride
 Concen: 1.346 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027198.D
 Acq: 03 Aug 2022 17:52

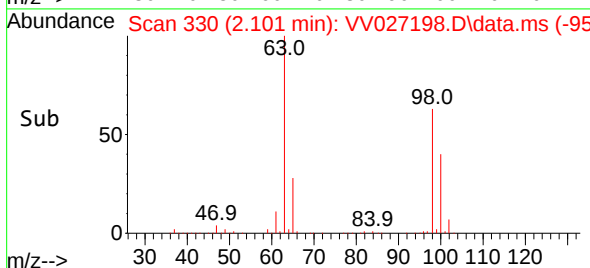
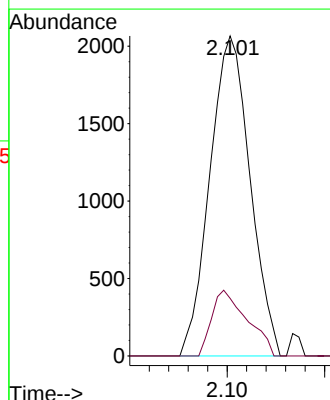
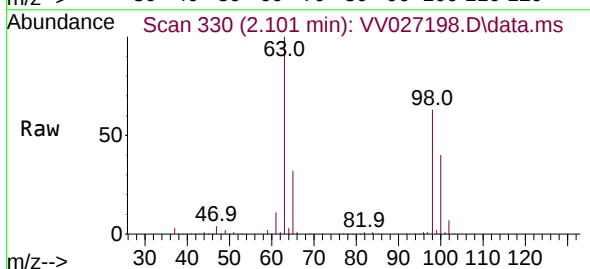
Instrument :
 MSVOA_V
 ClientSampleId :
 EY143DL

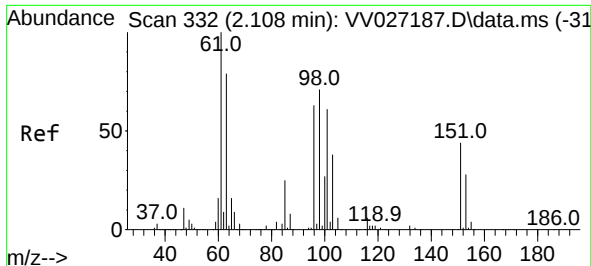
Tgt Ion: 62 Resp: 3265
 Ion Ratio Lower Upper
 62 100
 64 105.6 23.1 42.9#



#9
 Trichlorofluoromethane
 Concen: 0.927 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. 0.357 min
 Lab File: VV027198.D
 Acq: 03 Aug 2022 17:52

Tgt Ion: 101 Resp: 2962
 Ion Ratio Lower Upper
 101 100
 103 18.1 51.8 77.8#

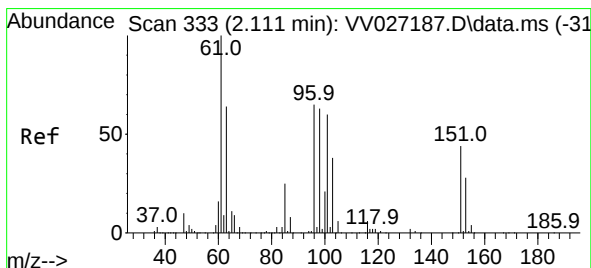
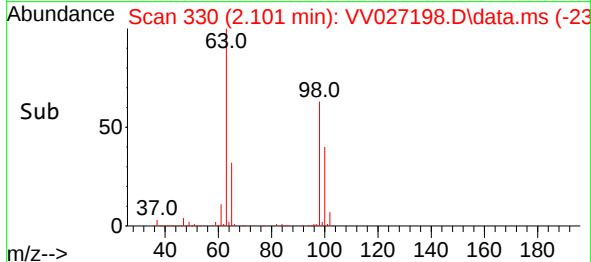
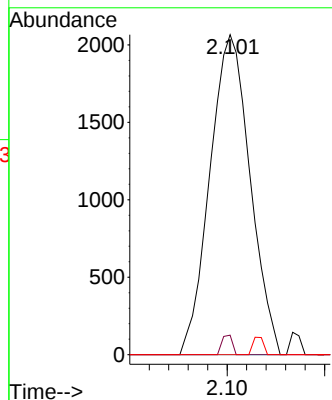
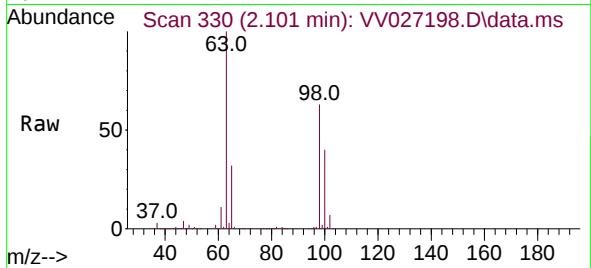




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.616 ug/L
RT: 2.101 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV027198.D
Acq: 03 Aug 2022 17:52

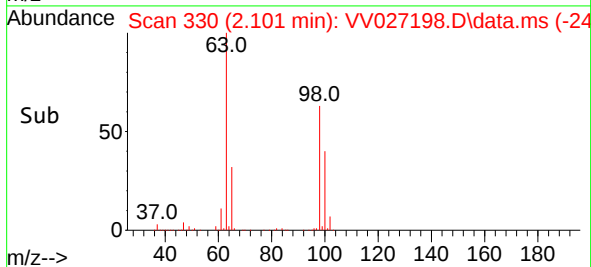
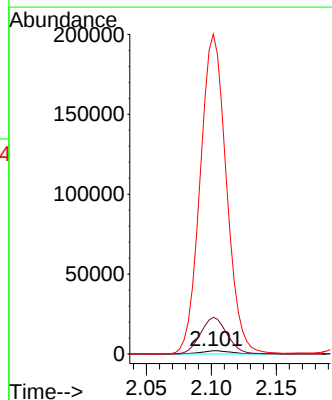
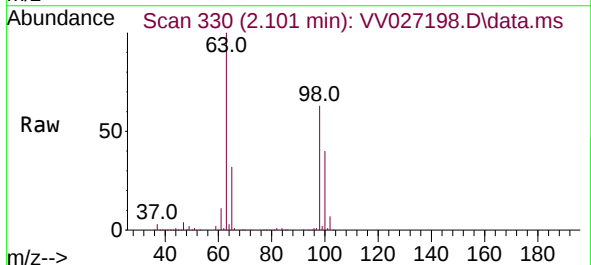
Instrument :
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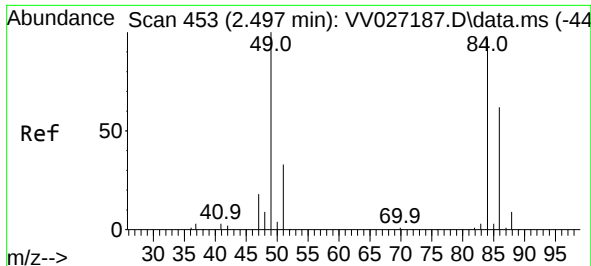
Tgt Ion:101 Resp: 2962
Ion Ratio Lower Upper
101 100
85 1.6 33.9 50.9#
151 1.5 58.4 87.6#



#12
1,1-Dichloroethene
Concen: 1.869 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV027198.D
Acq: 03 Aug 2022 17:52

Tgt Ion: 96 Resp: 3330
Ion Ratio Lower Upper
96 100
61 1119.5 110.7 205.5#
63 9757.4 78.4 145.6#

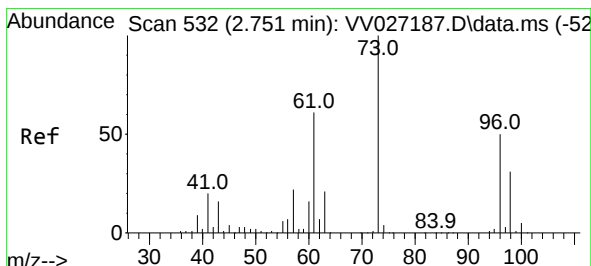
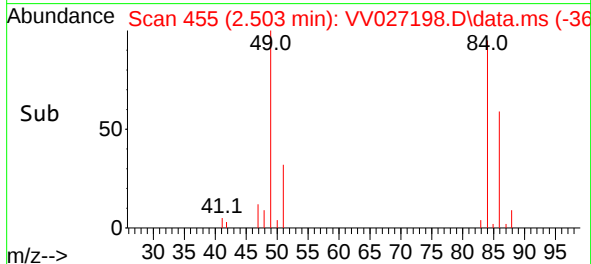
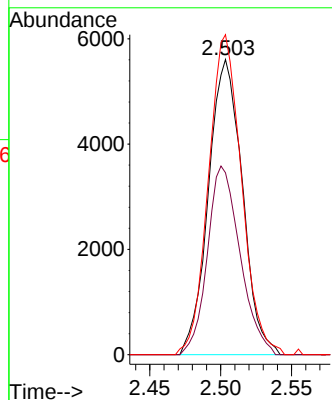
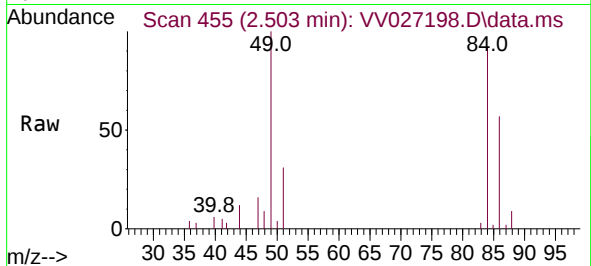




#16
Methylene chloride
Concen: 4.133 ug/L
RT: 2.503 min Scan# 453
Delta R.T. 0.006 min
Lab File: VV027198.D
Acq: 03 Aug 2022 17:52

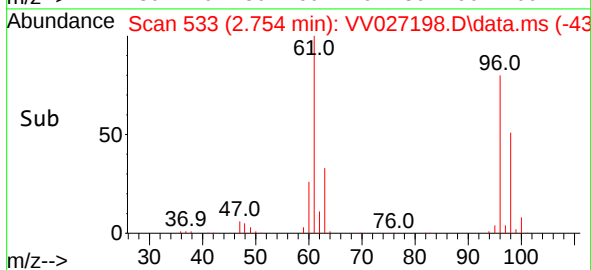
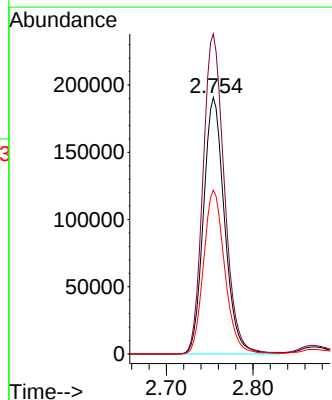
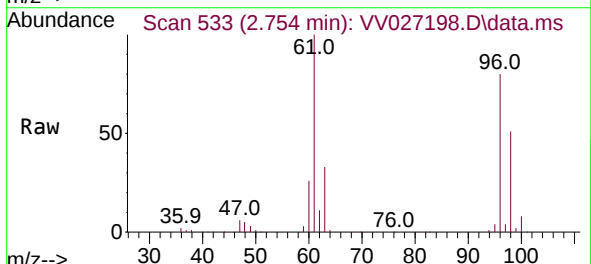
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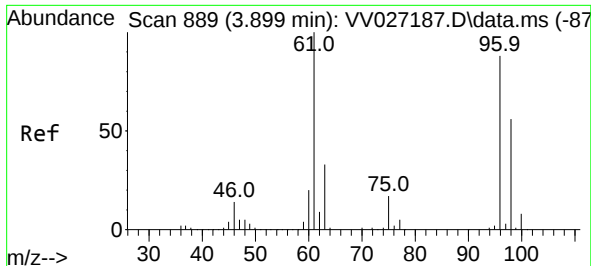
Tgt Ion: 84 Resp: 9332
Ion Ratio Lower Upper
84 100
86 61.6 45.3 84.1
49 108.4 76.0 141.2



#17
trans-1,2-Dichloroethene
Concen: 169.966 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV027198.D
Acq: 03 Aug 2022 17:52

Tgt Ion: 96 Resp: 322292
Ion Ratio Lower Upper
96 100
61 124.8 89.2 165.6
98 63.9 43.3 80.3

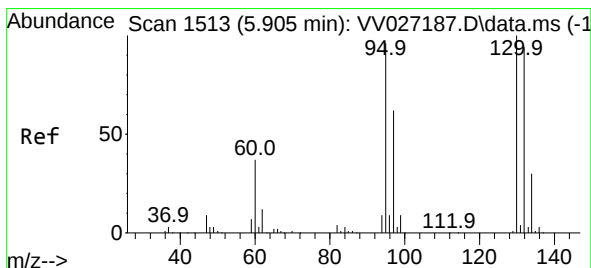
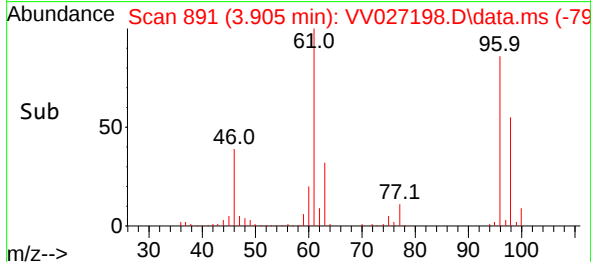
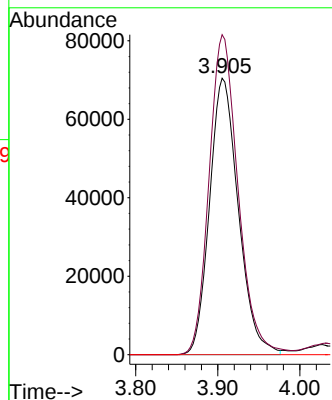
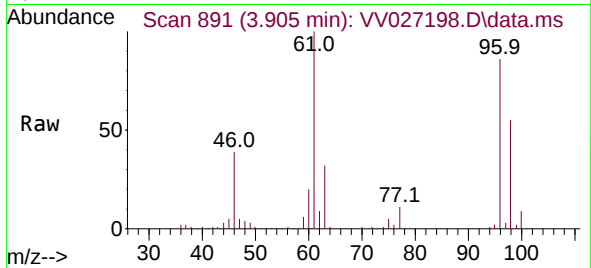




#20
cis-1,2-Dichloroethene
Concen: 85.670 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV027198.D
Acq: 03 Aug 2022 17:52

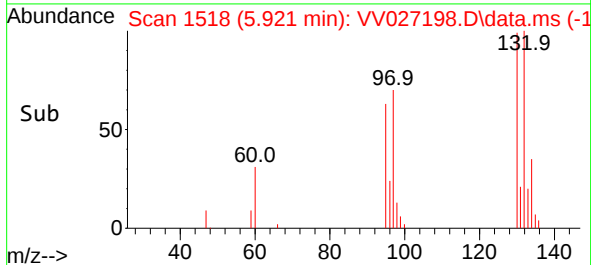
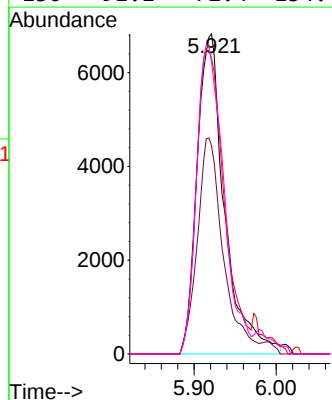
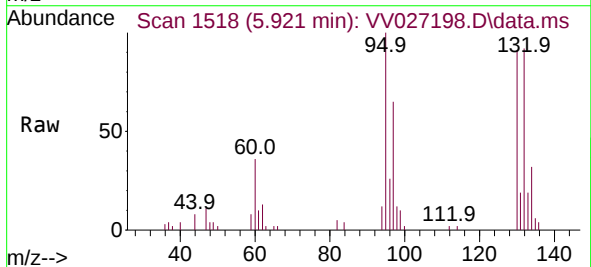
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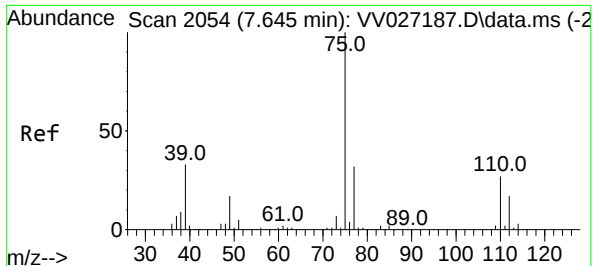
Tgt Ion: 96 Resp: 172440
Ion Ratio Lower Upper
96 100
61 115.7 81.7 151.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 7.507 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.016 min
Lab File: VV027198.D
Acq: 03 Aug 2022 17:52

Tgt Ion: 95 Resp: 15941
Ion Ratio Lower Upper
95 100
97 64.9 47.0 87.2
132 92.5 71.5 132.7
130 91.1 72.4 134.4

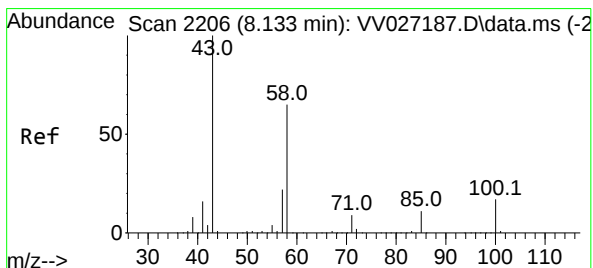
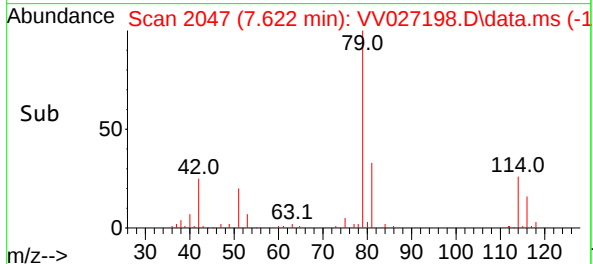
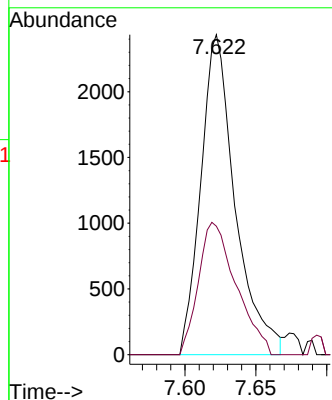
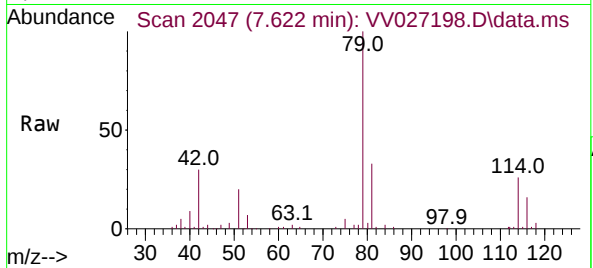




#44
trans-1,3-Dichloropropene
Concen: 1.404 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.023 min
Lab File: VV027198.D
Acq: 03 Aug 2022 17:52

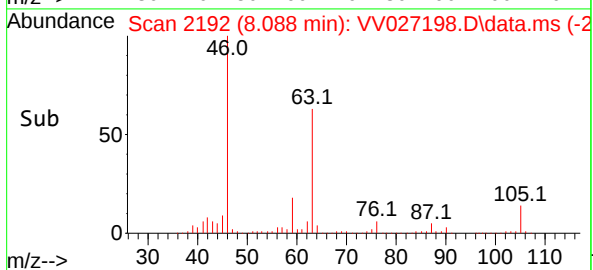
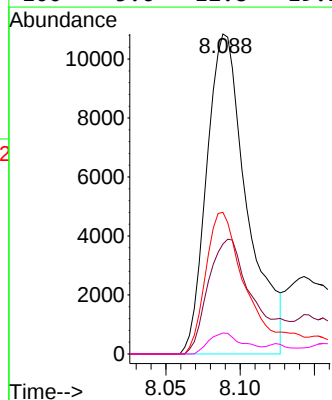
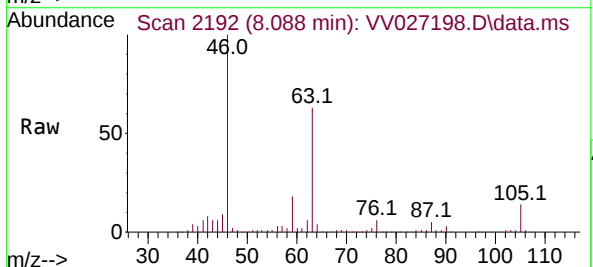
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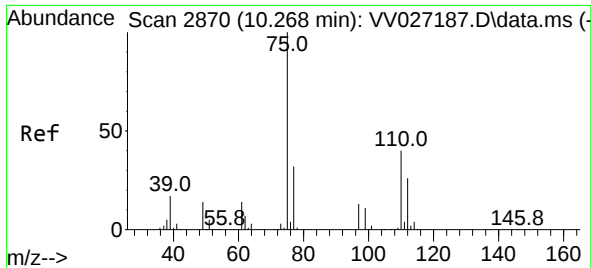
Tgt Ion: 75 Resp: 4102
Ion Ratio Lower Upper
75 100
77 40.1 22.0 40.8



#48
2-Hexanone
Concen: 10.294 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.045 min
Lab File: VV027198.D
Acq: 03 Aug 2022 17:52

Tgt Ion: 43 Resp: 20504
Ion Ratio Lower Upper
43 100
58 37.3 51.3 76.9#
57 42.3 16.7 25.1#
100 5.6 12.8 19.2#





#61
 1,2,3-Trichloropropane
 Concen: 5.381 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.981 min
 Lab File: VV027198.D
 Acq: 03 Aug 2022 17:52

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75	Resp:	11762
Ion Ratio	Lower	Upper
75	100	
77	30.9	25.8 38.8
110	1.4	32.8 49.2#

