

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026088.D
 Acq On : 10 Jun 2022 05:18
 Operator : SY/MD
 Sample : N3273-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B75

Quant Time: Jun 10 05:48:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

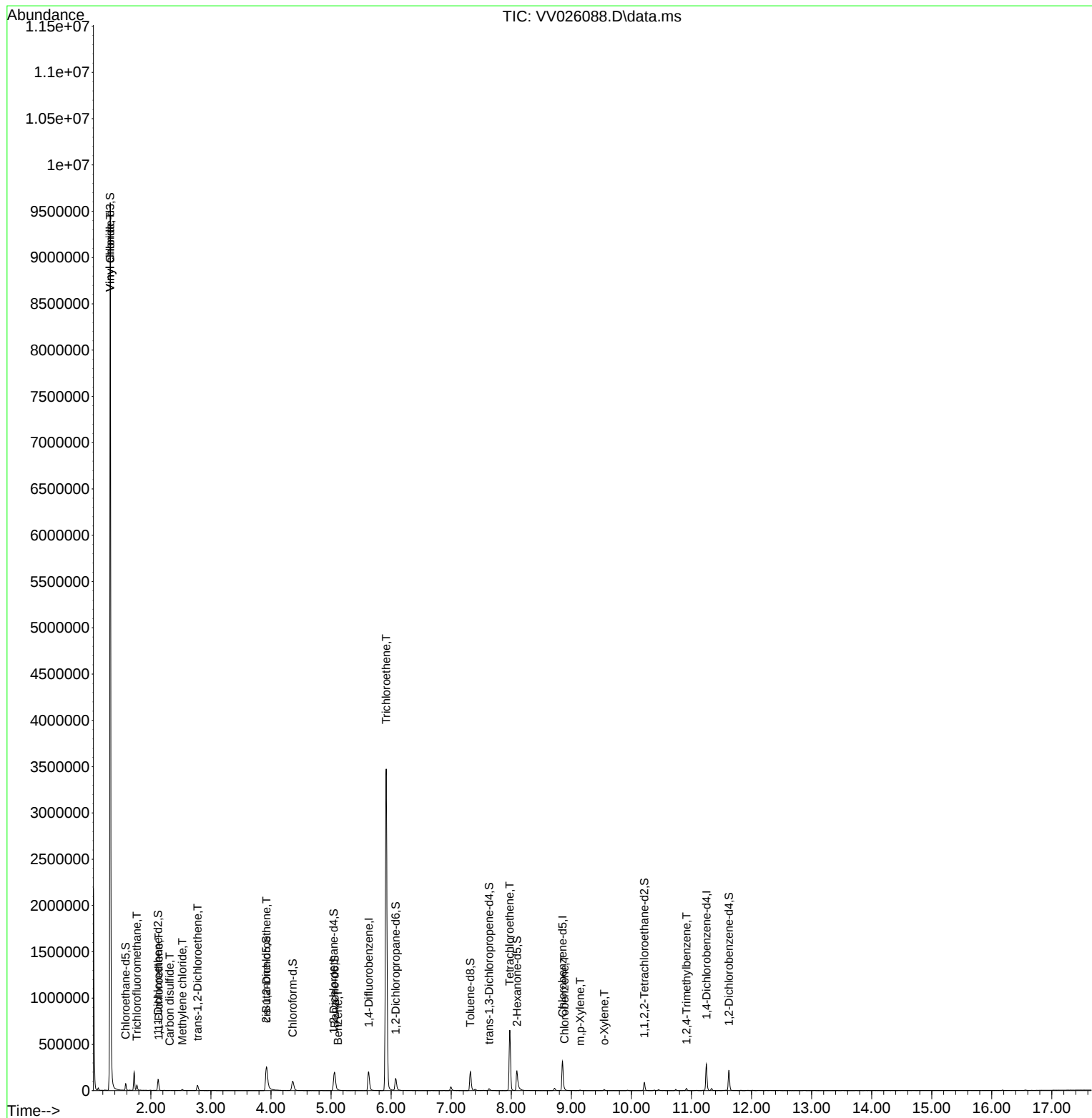
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	179311	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	88375	8.396	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	168.000%#	
7) Chloroethane-d5	1.581	69	47259	4.294	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.121	63	63730	2.621	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.400%#	
20) 2-Butanone-d5	3.921	46	107645	69.145	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.300%#	
24) Chloroform-d	4.362	84	109734	4.919	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.043	65	46728	5.135	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.059	84	185512	4.339	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.076	67	64948	4.910	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.320	98	142741	3.778	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.632	79	13033	3.346	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.000%	
46) 2-Hexanone-d5	8.095	63	76315	44.529	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42818	4.801	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56072	4.946	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
5) Vinyl chloride	1.323	62	6066532	293.989	ug/L	98
9) Trichlorofluoromethane	1.767	101	32006	1.217	ug/L	99
12) 1,1-Dichloroethene	2.134	96	1911	0.132	ug/L #	1
14) Carbon disulfide	2.314	76	2833	0.069	ug/L	95
16) Methylene chloride	2.523	84	4599	0.320	ug/L	94
18) trans-1,2-Dichloroethene	2.777	96	22628	1.664	ug/L	95
22) cis-1,2-Dichloroethene	3.928	96	130245	9.715	ug/L	98
33) Benzene	5.117	78	4672	0.084	ug/L	100
34) Trichloroethene	5.918	95	1200725	82.650	ug/L	99
47) Tetrachloroethene	7.976	164	142525	12.674	ug/L	98
51) Chlorobenzene	8.886	112	7985	0.211	ug/L	95
53) m,p-Xylene	9.146	106	1742	0.074	ug/L	66
54) o-Xylene	9.548	106	3213	0.144	ug/L	72
63) 1,2,4-Trimethylbenzene	10.918	105	12412	0.320	ug/L	96

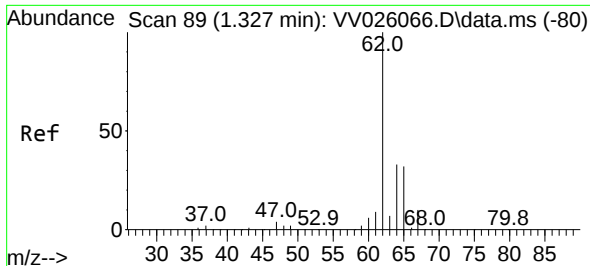
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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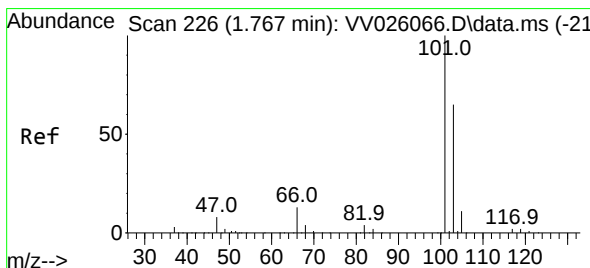
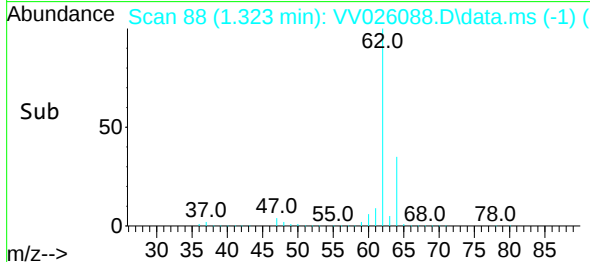
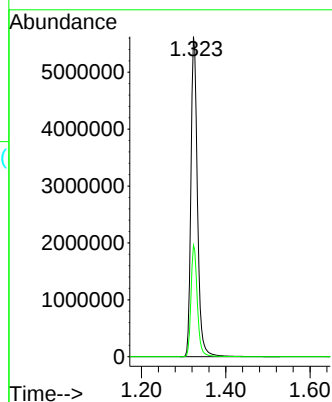
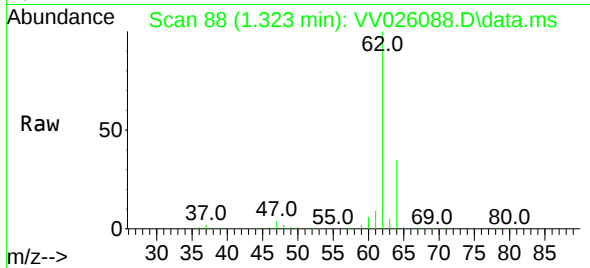




#5
 Vinyl chloride
 Concen: 293.989 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026088.D
 Acq: 10 Jun 2022 05:18

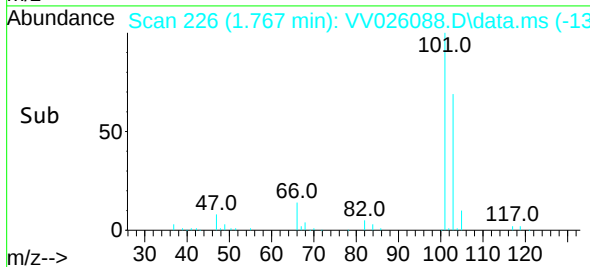
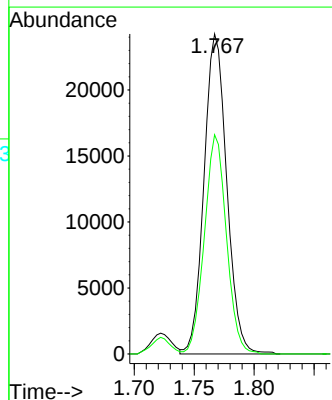
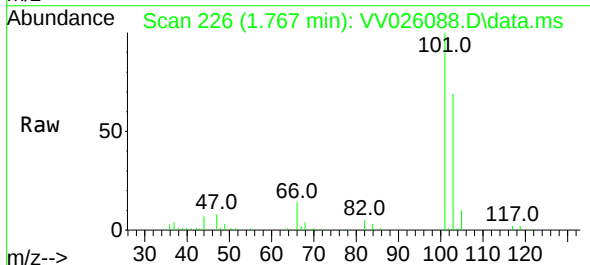
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B75

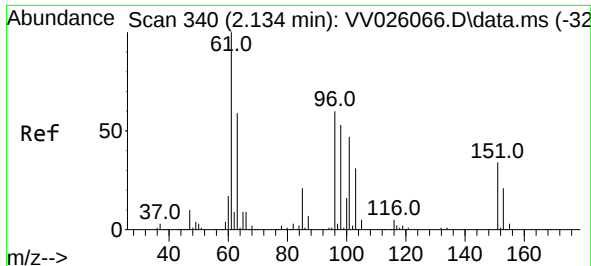
Tgt Ion: 62 Resp: 6066532
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.4 43.4



#9
 Trichlorofluoromethane
 Concen: 1.217 ug/L
 RT: 1.767 min Scan# 226
 Delta R.T. -0.000 min
 Lab File: VV026088.D
 Acq: 10 Jun 2022 05:18

Tgt Ion: 101 Resp: 32006
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.6 78.8

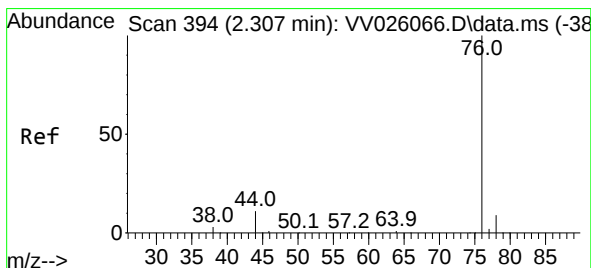
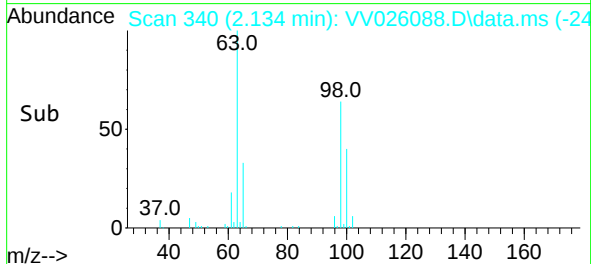
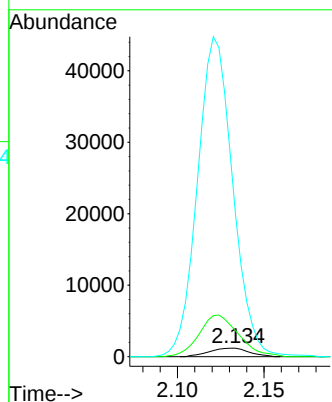
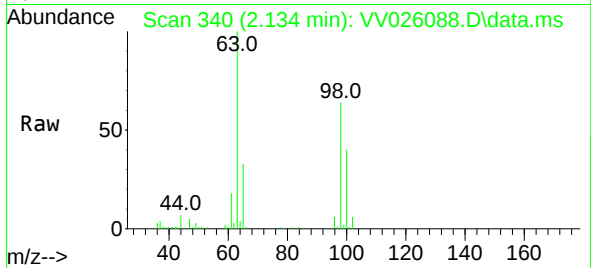




#12
1,1-Dichloroethene
Concen: 0.132 ug/L
RT: 2.134 min Scan# 340
Delta R.T. -0.000 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

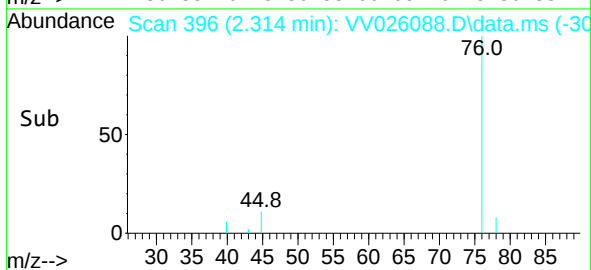
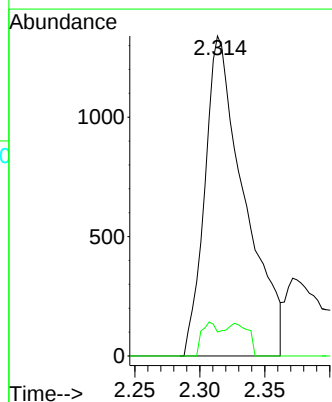
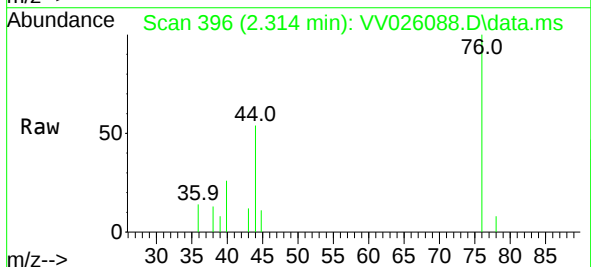
Instrument :
MSVOA_V
ClientSampleId :
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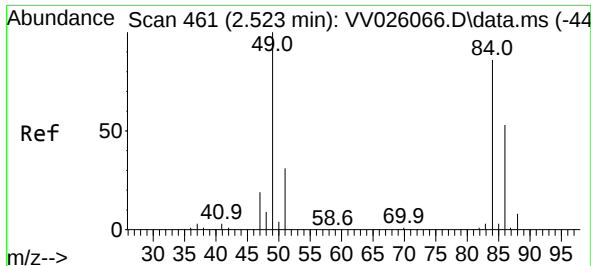
Tgt Ion: 96 Resp: 1911
Ion Ratio Lower Upper
96 100
61 303.2 122.6 227.6#
63 1659.6 78.5 145.9#



#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.006 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

Tgt Ion: 76 Resp: 2833
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0

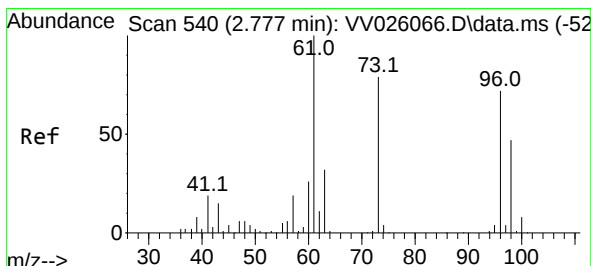
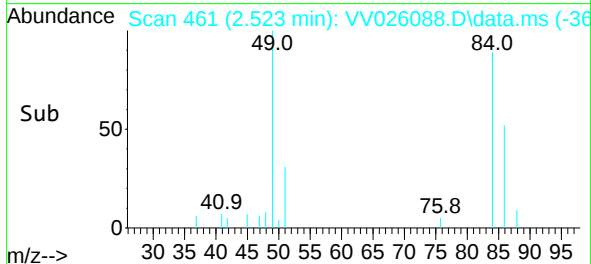
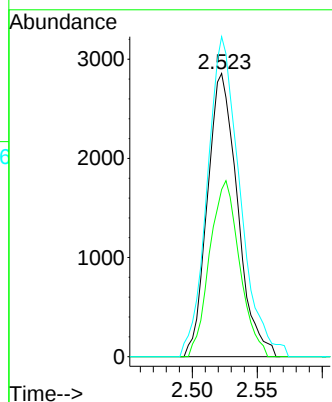
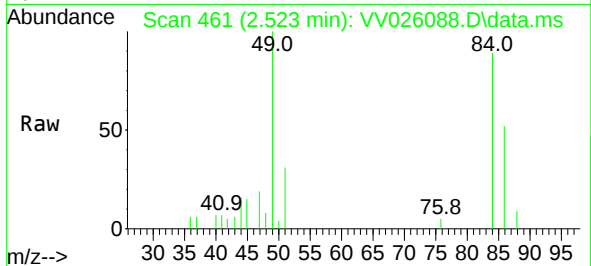




#16
Methylene chloride
Concen: 0.320 ug/L
RT: 2.523 min Scan# 461
Delta R.T. -0.000 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

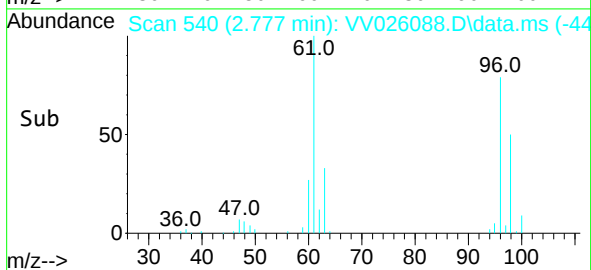
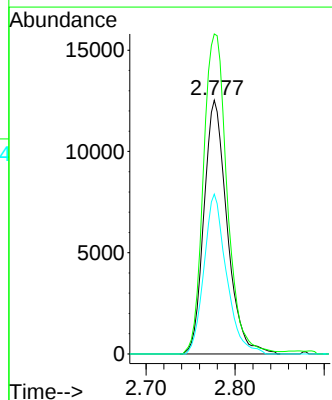
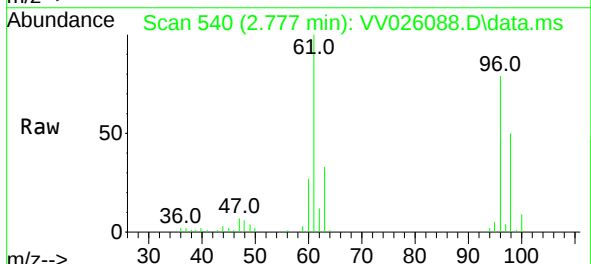
Instrument :
MSVOA_V
ClientSampleId :
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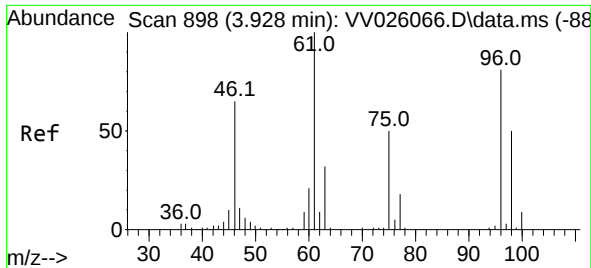
Tgt Ion: 84 Resp: 4599
Ion Ratio Lower Upper
84 100
86 59.0 45.6 84.6
49 113.0 82.9 153.9



#18
trans-1,2-Dichloroethene
Concen: 1.664 ug/L
RT: 2.777 min Scan# 540
Delta R.T. -0.000 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

Tgt Ion: 96 Resp: 22628
Ion Ratio Lower Upper
96 100
61 126.1 94.3 175.1
98 63.0 44.4 82.5

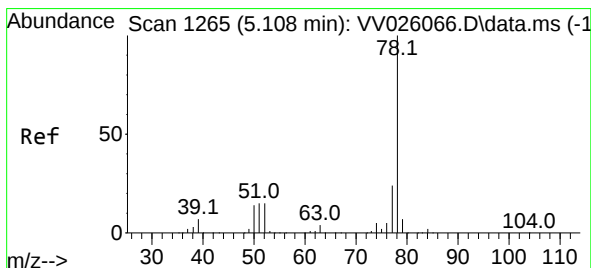
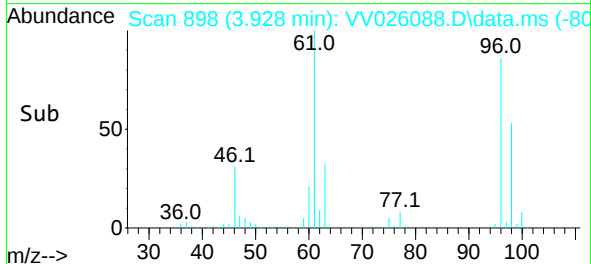
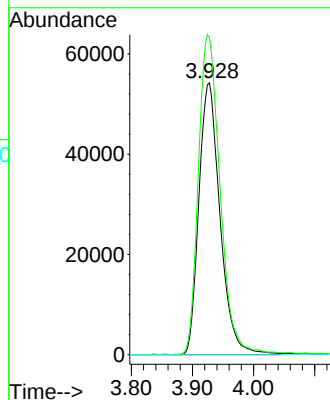
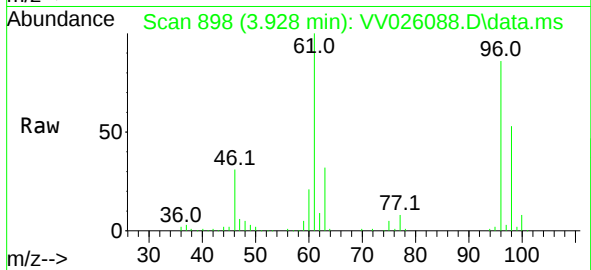




#22
 cis-1,2-Dichloroethene
 Concen: 9.715 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VV026088.D
 Acq: 10 Jun 2022 05:18

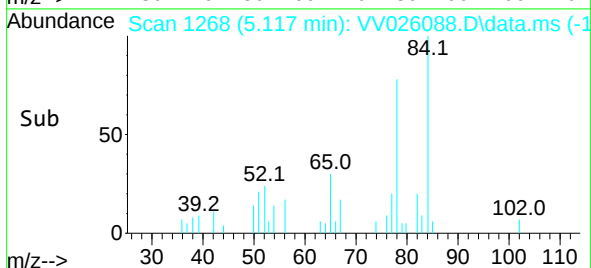
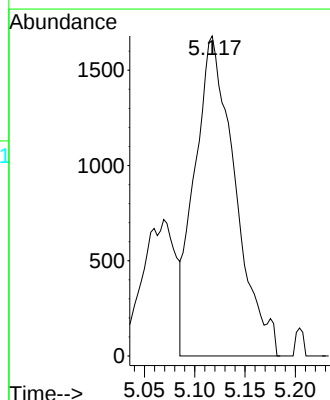
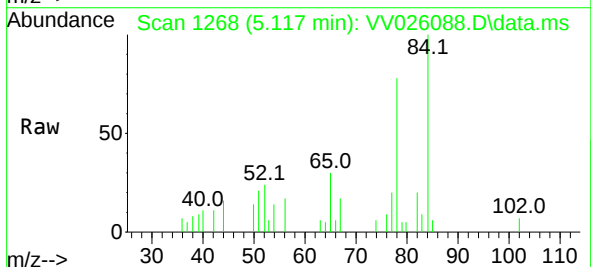
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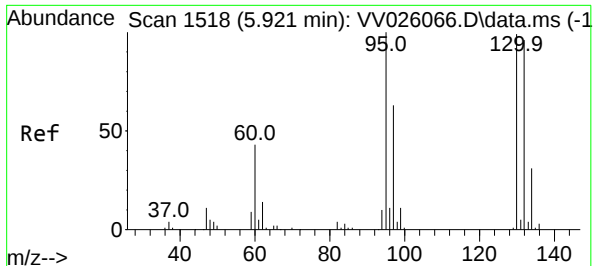
Tgt Ion: 96 Resp: 130245
 Ion Ratio Lower Upper
 96 100
 61 116.7 83.1 154.3
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.084 ug/L
 RT: 5.117 min Scan# 1268
 Delta R.T. 0.010 min
 Lab File: VV026088.D
 Acq: 10 Jun 2022 05:18

Tgt Ion: 78 Resp: 4672



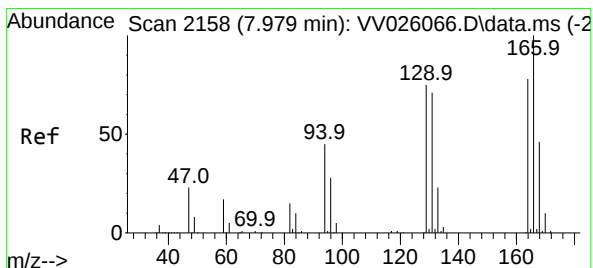
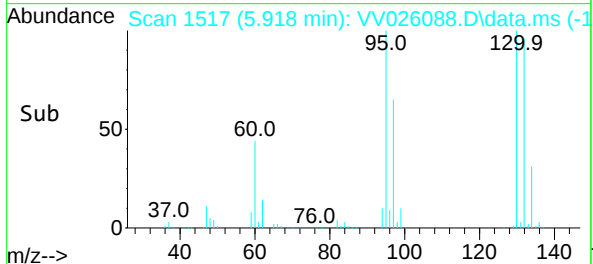
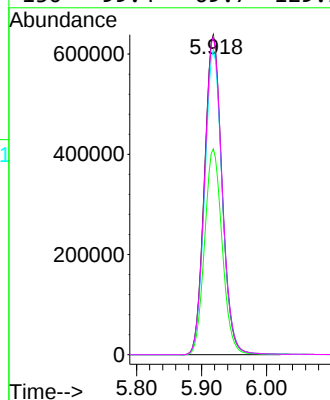
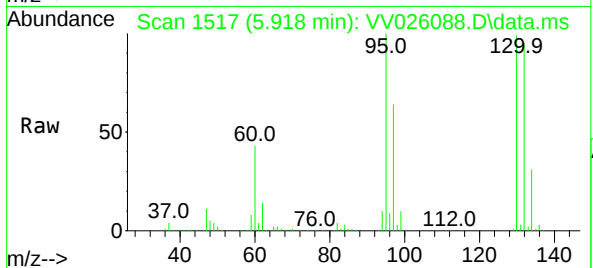


#34
Trichloroethene
Concen: 82.650 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

Instrument :
MSVOA_V
ClientSampleId :
C0B75

Tgt Ion: 95 Resp: 1200725

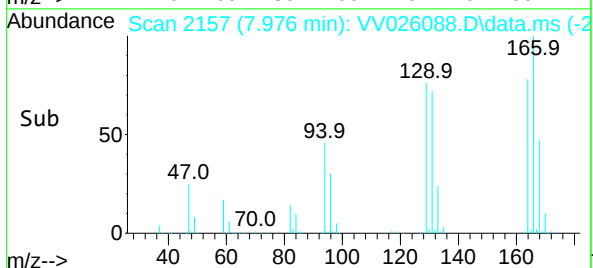
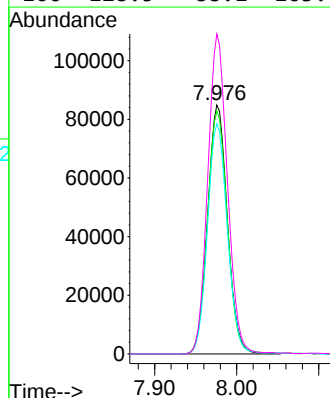
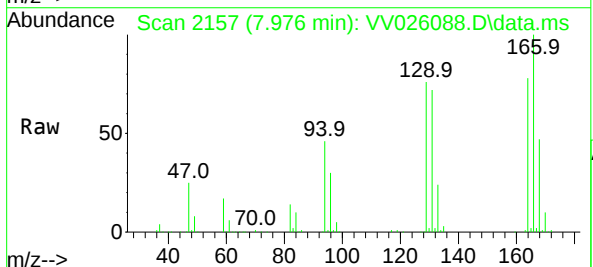
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.0	81.6
132	95.3	67.5	125.4
130	99.4	69.7	129.5

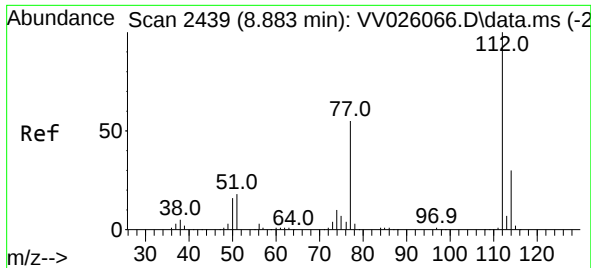


#47
Tetrachloroethene
Concen: 12.674 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

Tgt Ion: 164 Resp: 142525

Ion	Ratio	Lower	Upper
164	100		
129	97.7	68.3	126.9
131	92.5	66.5	123.5
166	128.5	88.1	163.7

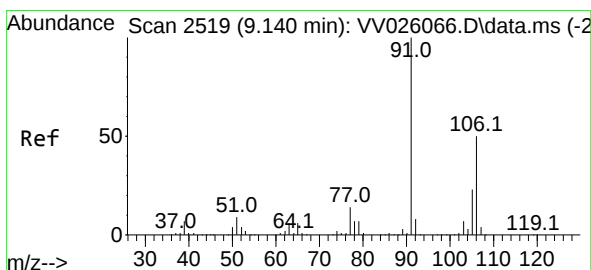
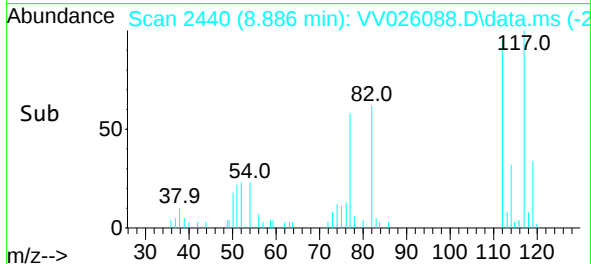
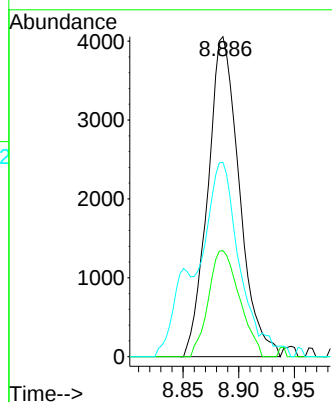
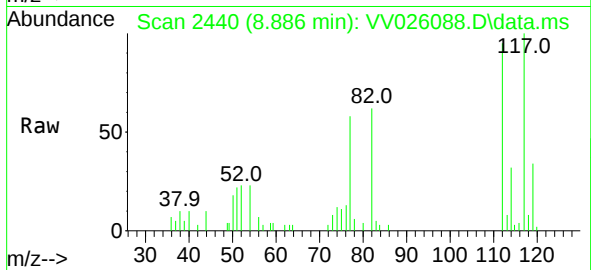




#51
Chlorobenzene
Concen: 0.211 ug/L
RT: 8.886 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

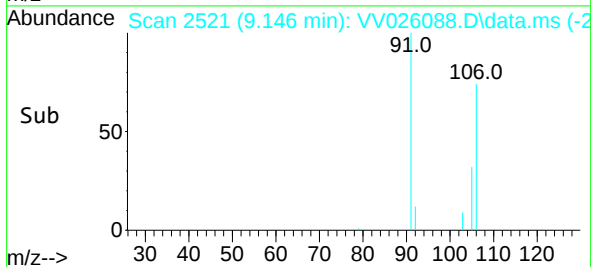
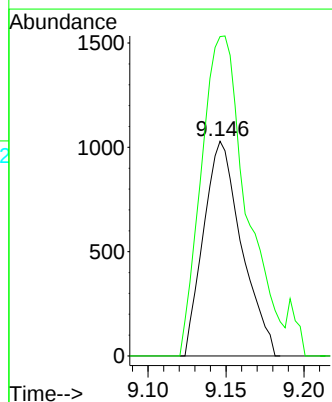
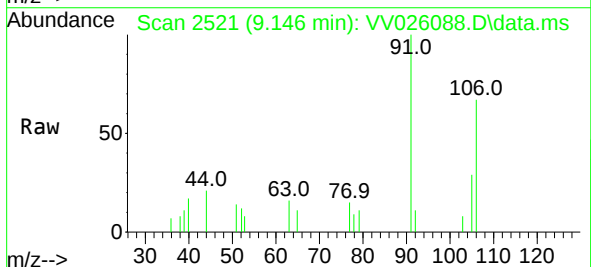
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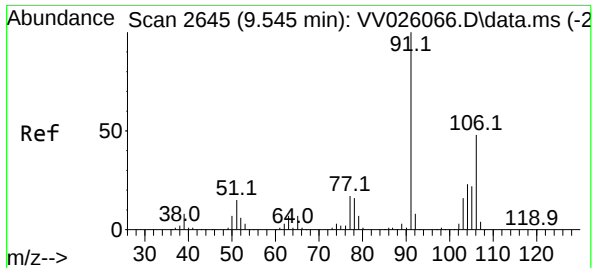
Tgt Ion:112	Resp:	7985
Ion Ratio	Lower	Upper
112	100	
114	33.2	22.3 41.5
77	60.8	44.6 66.8



#53
m,p-Xylene
Concen: 0.074 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

Tgt Ion:106	Resp:	1742
Ion Ratio	Lower	Upper
106	100	
91	148.8	140.4 260.8

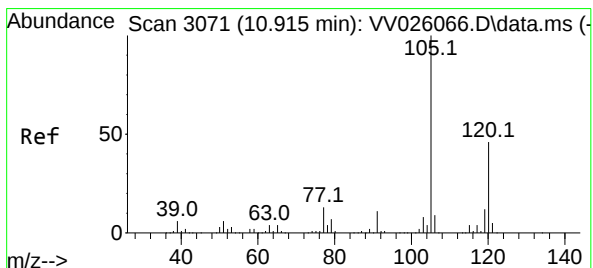
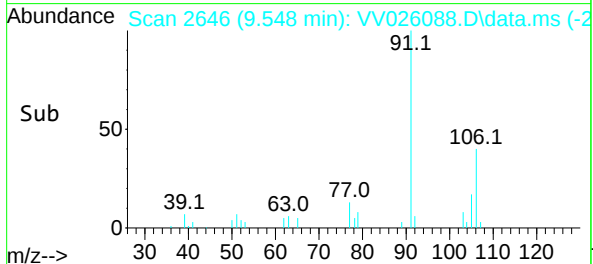
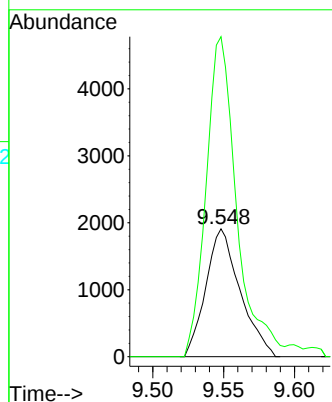
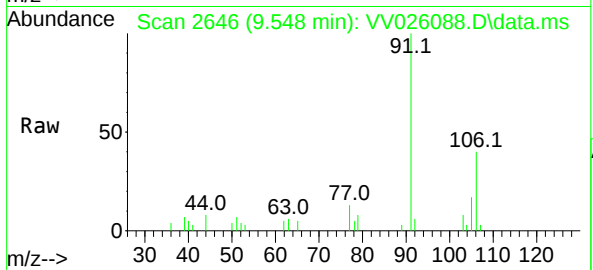




#54
o-Xylene
Concen: 0.144 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

Instrument :
MSVOA_V
ClientSampleId :
C0B75

Tgt Ion:106 Resp: 3213
Ion Ratio Lower Upper
106 100
91 250.4 145.4 270.0



#63
1,2,4-Trimethylbenzene
Concen: 0.320 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV026088.D
Acq: 10 Jun 2022 05:18

Tgt Ion:105 Resp: 12412
Ion Ratio Lower Upper
105 100
120 43.4 36.7 55.1

