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 Data File : VW025426.D
 Acq On : 08 Apr 2022 21:51
 Operator : SY/MD
 Sample : N2319-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

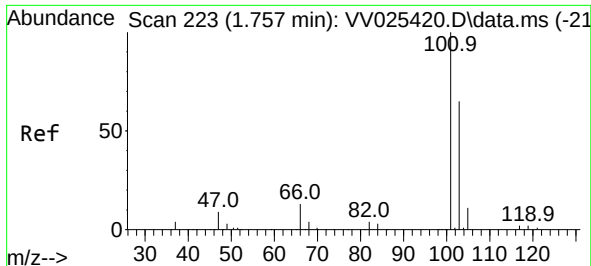
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H3

Quant Time: Apr 09 06:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122722	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66004	5.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.600%
7) Chloroethane-d5	1.571	69	56507	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.111	63	118460	5.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.899	46	78263	56.391	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.780%
24) Chloroform-d	4.352	84	86035	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.037	65	41739	5.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.053	84	179317	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.072	67	53133	5.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.317	98	157586	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.625	79	14544	4.539	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	61658	54.825	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32483	5.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	53605	6.170	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.400%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	6572	0.344	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2458	0.229	ug/L #	75
12) 1,1-Dichloroethene	2.121	96	34912	3.280	ug/L	79
17) Methyl tert-butyl Ether	2.780	73	1284	0.078	ug/L #	81
18) trans-1,2-Dichloroethene	2.770	96	646	0.072	ug/L	78
19) 1,1-Dichloroethane	3.198	63	2896	0.192	ug/L #	95
22) cis-1,2-Dichloroethene	3.918	96	7074	0.753	ug/L	99
25) Chloroform	4.378	83	19484	1.222	ug/L	93
31) Carbon tetrachloride	4.834	117	4627	0.393	ug/L	100
34) Trichloroethene	5.911	95	856223	92.398	ug/L	99
38) Bromodichloromethane	6.526	83	1201	0.120	ug/L #	86
47) Tetrachloroethene	7.976	164	184684	25.457	ug/L	98

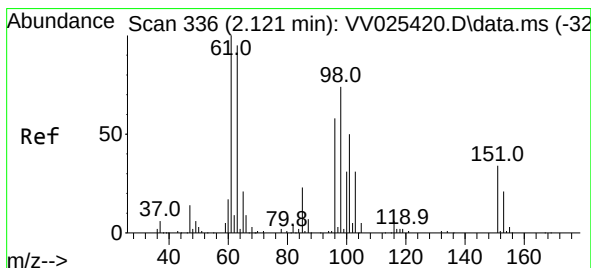
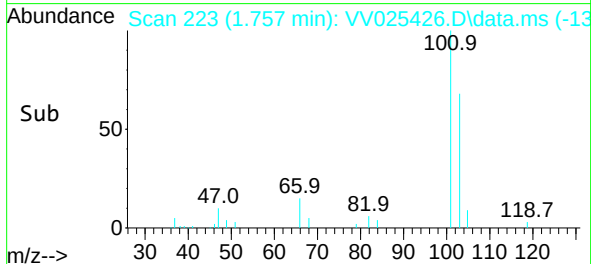
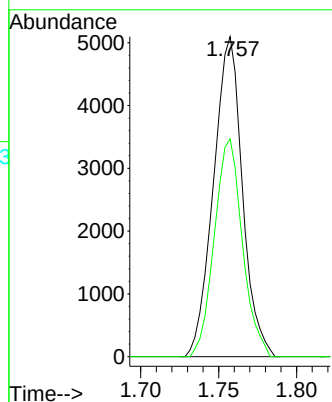
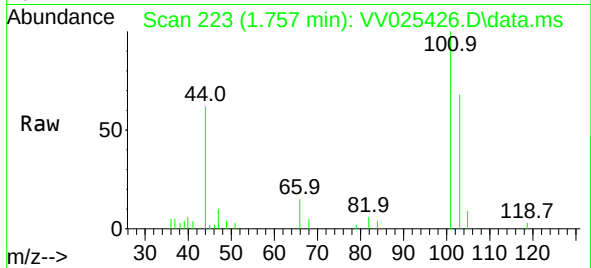
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
 Trichlorofluoromethane
 Concen: 0.344 ug/L
 RT: 1.757 min Scan# 21
 Delta R.T. -0.000 min
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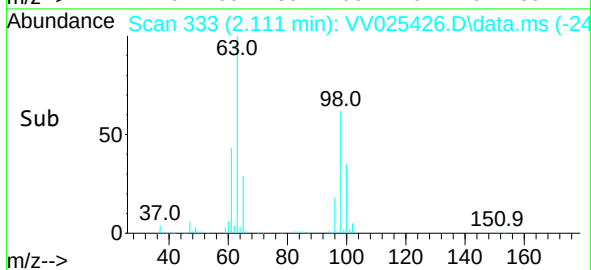
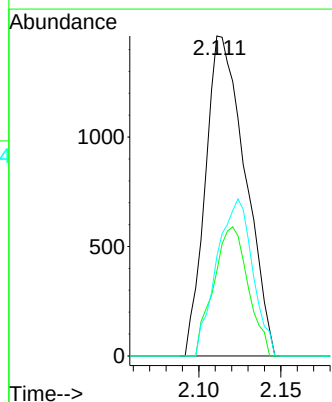
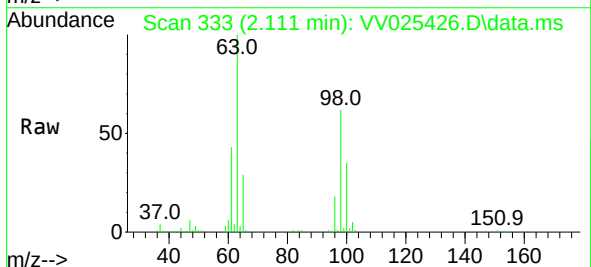
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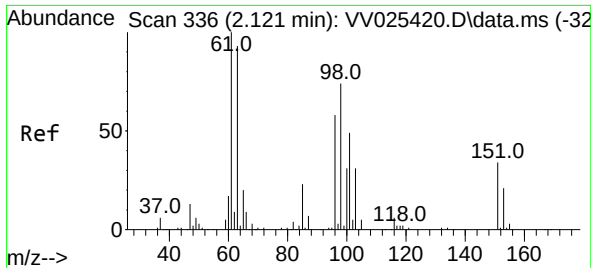
Tgt Ion:101 Resp: 6572
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.9 77.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.229 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.010 min
 Lab File: VV025426.D
 Acq: 08 Apr 2022 21:51

Tgt Ion:101 Resp: 2458
 Ion Ratio Lower Upper
 101 100
 85 34.9 35.9 53.9#
 151 44.3 56.0 84.0#

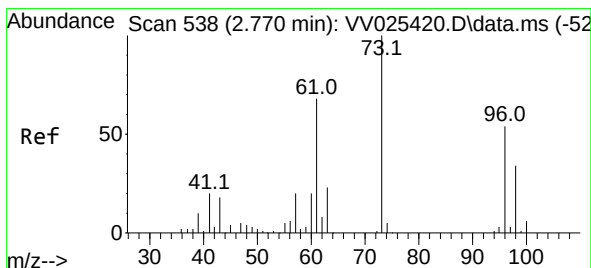
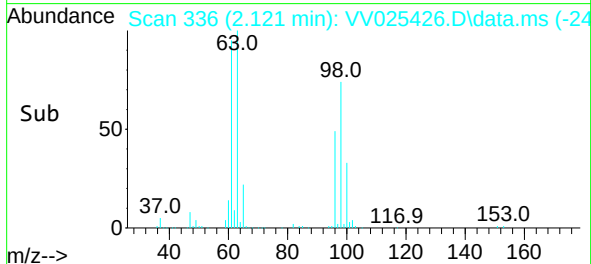
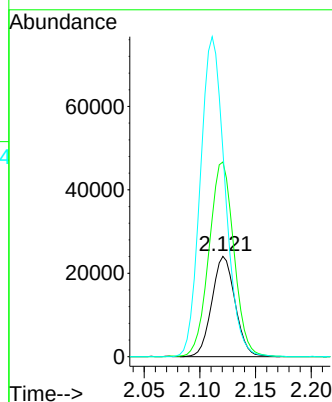
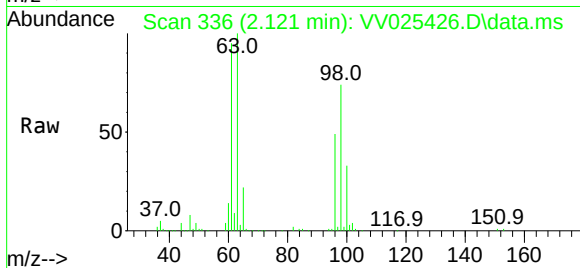




#12
1,1-Dichloroethene
Concen: 3.280 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025426.D
Acq: 08 Apr 2022 21:51

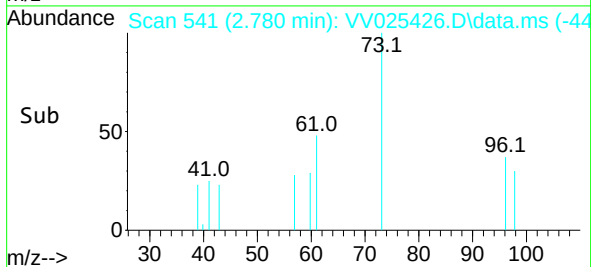
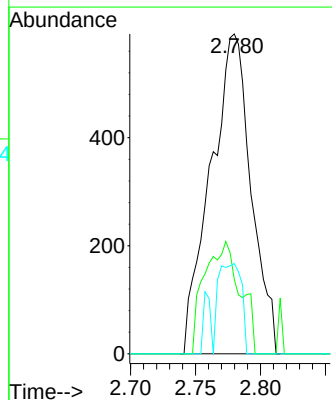
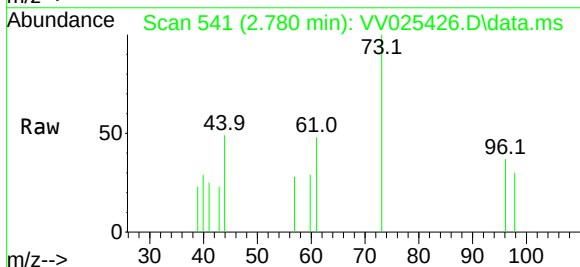
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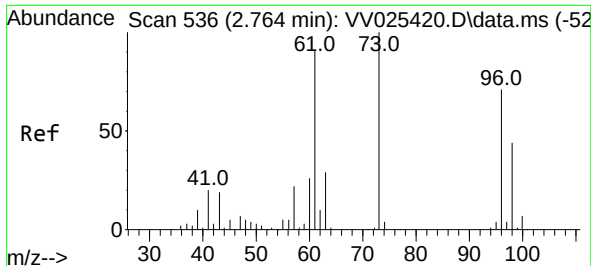
Tgt Ion: 96 Resp: 34912
Ion Ratio Lower Upper
96 100
61 194.1 125.2 232.4
63 205.1 114.4 212.4



#17
Methyl tert-butyl Ether
Concen: 0.078 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.009 min
Lab File: VV025426.D
Acq: 08 Apr 2022 21:51

Tgt Ion: 73 Resp: 1284
Ion Ratio Lower Upper
73 100
43 31.0 14.2 21.4#
57 16.0 16.1 24.1#

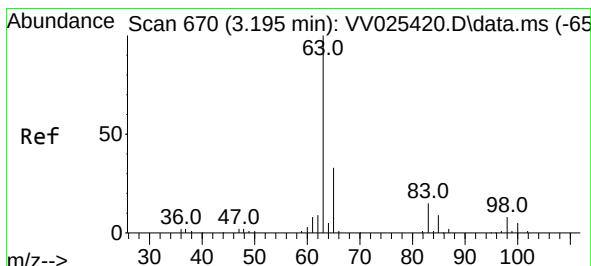
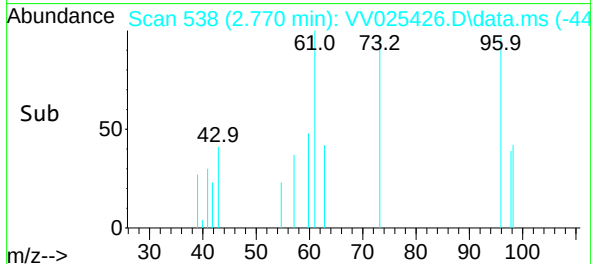
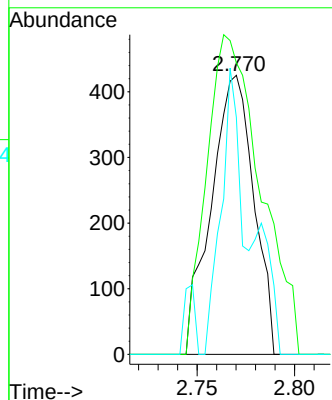
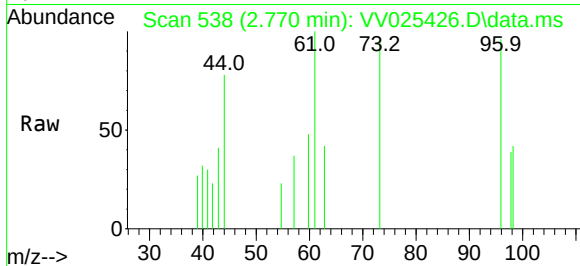




#18
 trans-1,2-Dichloroethene
 Concen: 0.072 ug/L
 RT: 2.770 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VV025426.D
 Acq: 08 Apr 2022 21:51

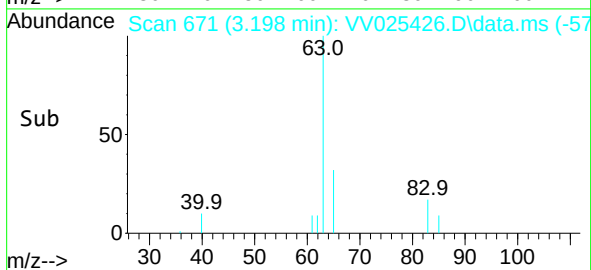
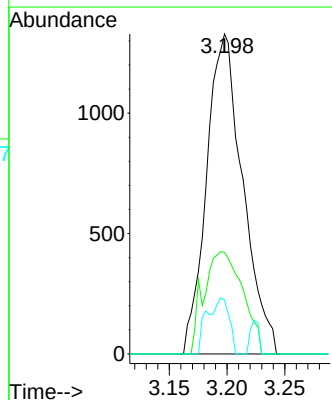
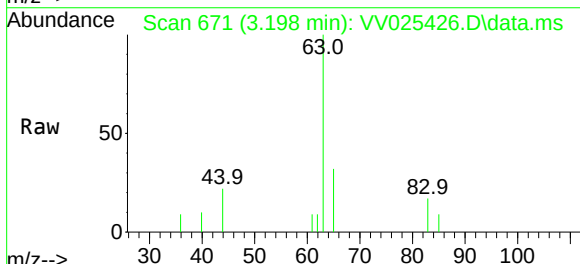
Instrument :
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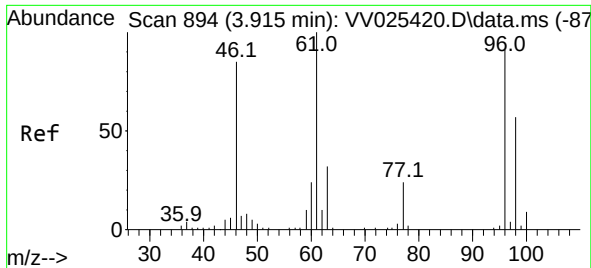
Tgt Ion: 96 Resp: 646
 Ion Ratio Lower Upper
 96 100
 61 104.5 92.1 171.1
 98 84.9 47.5 88.1



#19
 1,1-Dichloroethane
 Concen: 0.192 ug/L
 RT: 3.198 min Scan# 671
 Delta R.T. 0.003 min
 Lab File: VV025426.D
 Acq: 08 Apr 2022 21:51

Tgt Ion: 63 Resp: 2896
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.2 43.0
 83 16.9 9.0 16.8#

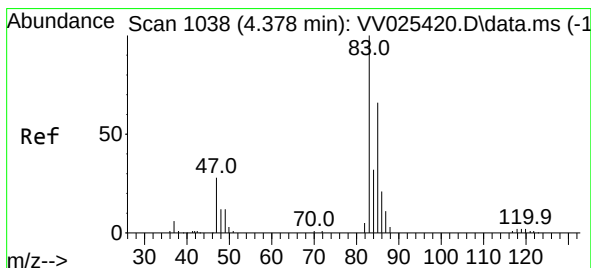
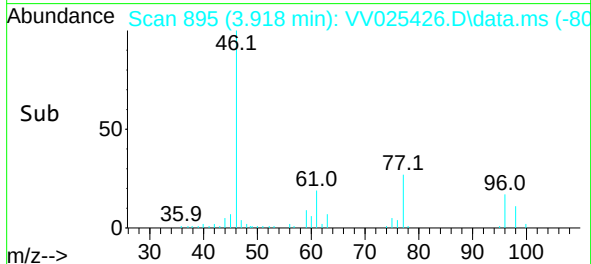
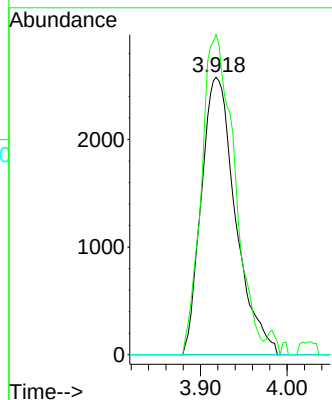
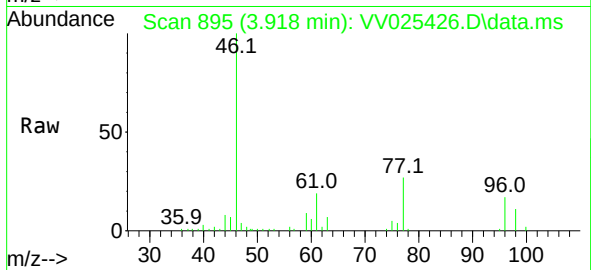




#22
 cis-1,2-Dichloroethene
 Concen: 0.753 ug/L
 RT: 3.918 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025426.D
 Acq: 08 Apr 2022 21:51

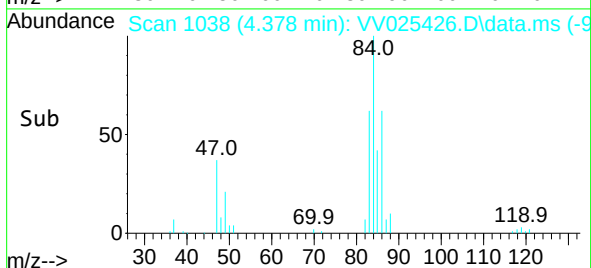
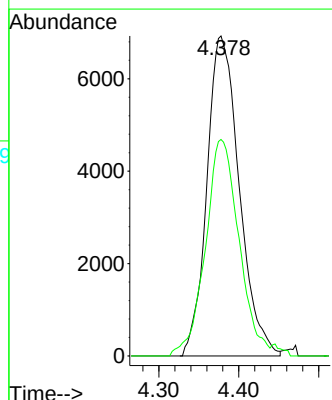
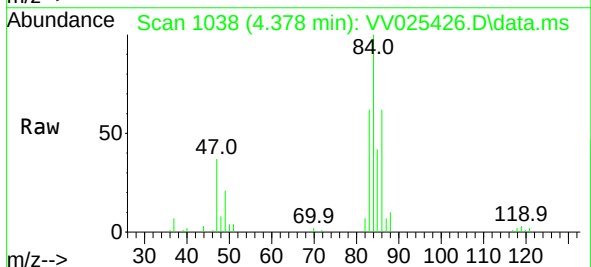
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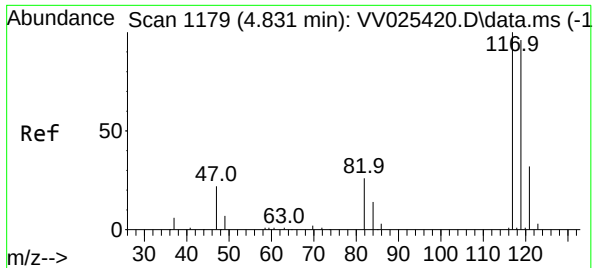
Tgt Ion: 96 Resp: 7074
 Ion Ratio Lower Upper
 96 100
 61 115.3 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.222 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VV025426.D
 Acq: 08 Apr 2022 21:51

Tgt Ion: 83 Resp: 19484
 Ion Ratio Lower Upper
 83 100
 85 67.7 43.5 80.7

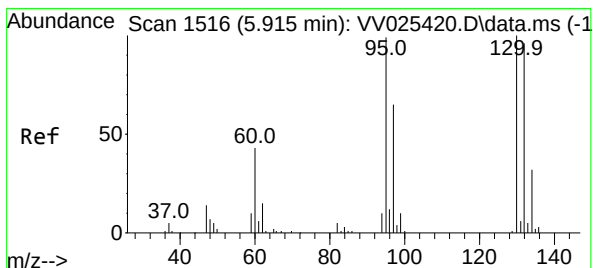
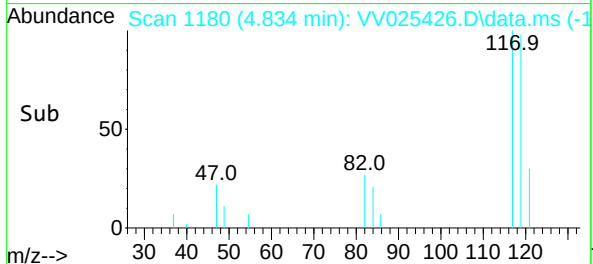
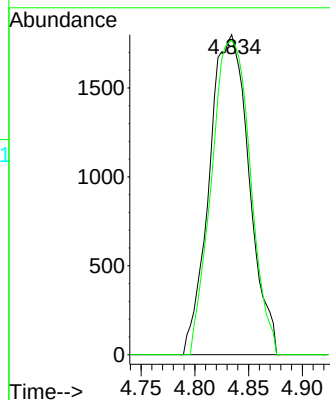
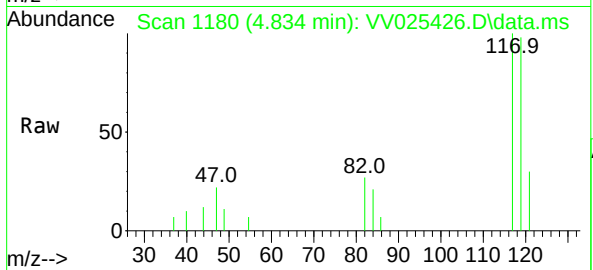




#31
Carbon tetrachloride
Concen: 0.393 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV025426.D
Acq: 08 Apr 2022 21:51

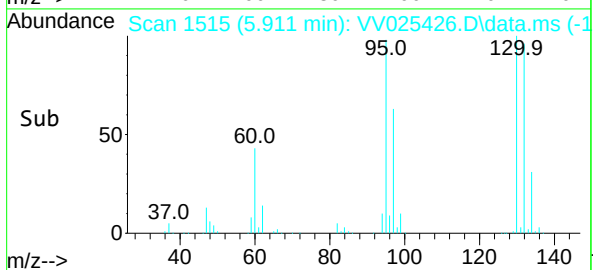
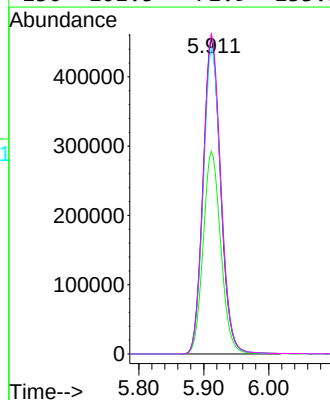
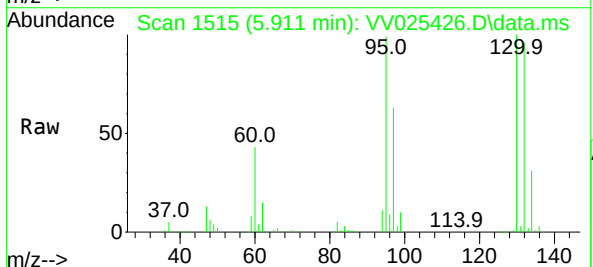
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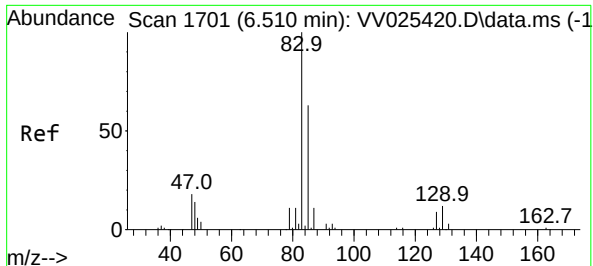
Tgt Ion:117 Resp: 4627
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#34
Trichloroethene
Concen: 92.398 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV025426.D
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Tgt Ion: 95 Resp: 856223
Ion Ratio Lower Upper
95 100
97 64.2 45.8 85.2
132 97.0 68.0 126.4
130 101.5 71.9 133.5

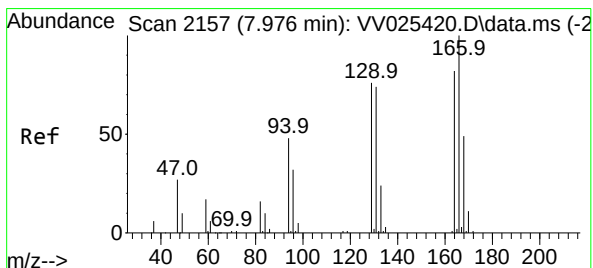
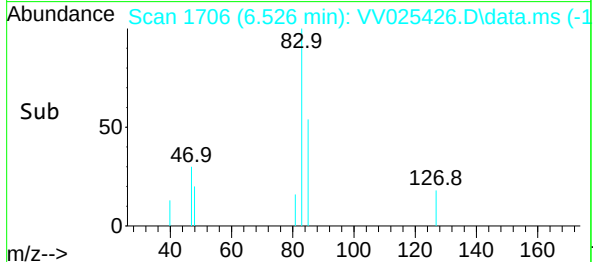
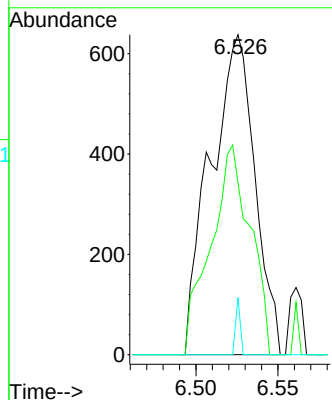
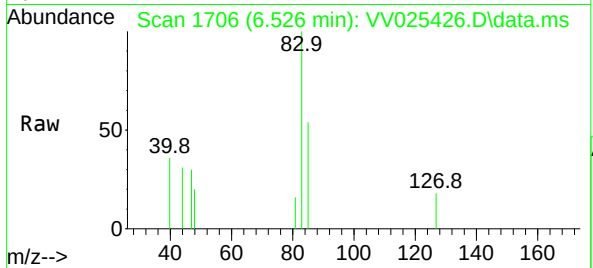




#38
Bromodichloromethane
Concen: 0.120 ug/L
RT: 6.526 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV025426.D
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Instrument :
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Tgt Ion: 83 Resp: 1201
Ion Ratio Lower Upper
83 100
85 53.9 44.4 82.4
127 17.9 7.2 10.8#



#47
Tetrachloroethene
Concen: 25.457 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV025426.D
Acq: 08 Apr 2022 21:51

Tgt Ion: 164 Resp: 184684
Ion Ratio Lower Upper
164 100
129 96.6 66.8 124.2
131 92.2 66.4 123.4
166 128.1 91.7 170.3

