

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050224\
 Data File : VV035520.D
 Acq On : 02 May 2024 14:03
 Operator : SY/MD
 Sample : P2349-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 03 05:15:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 05:13:05 2024
 Response via : Initial Calibration

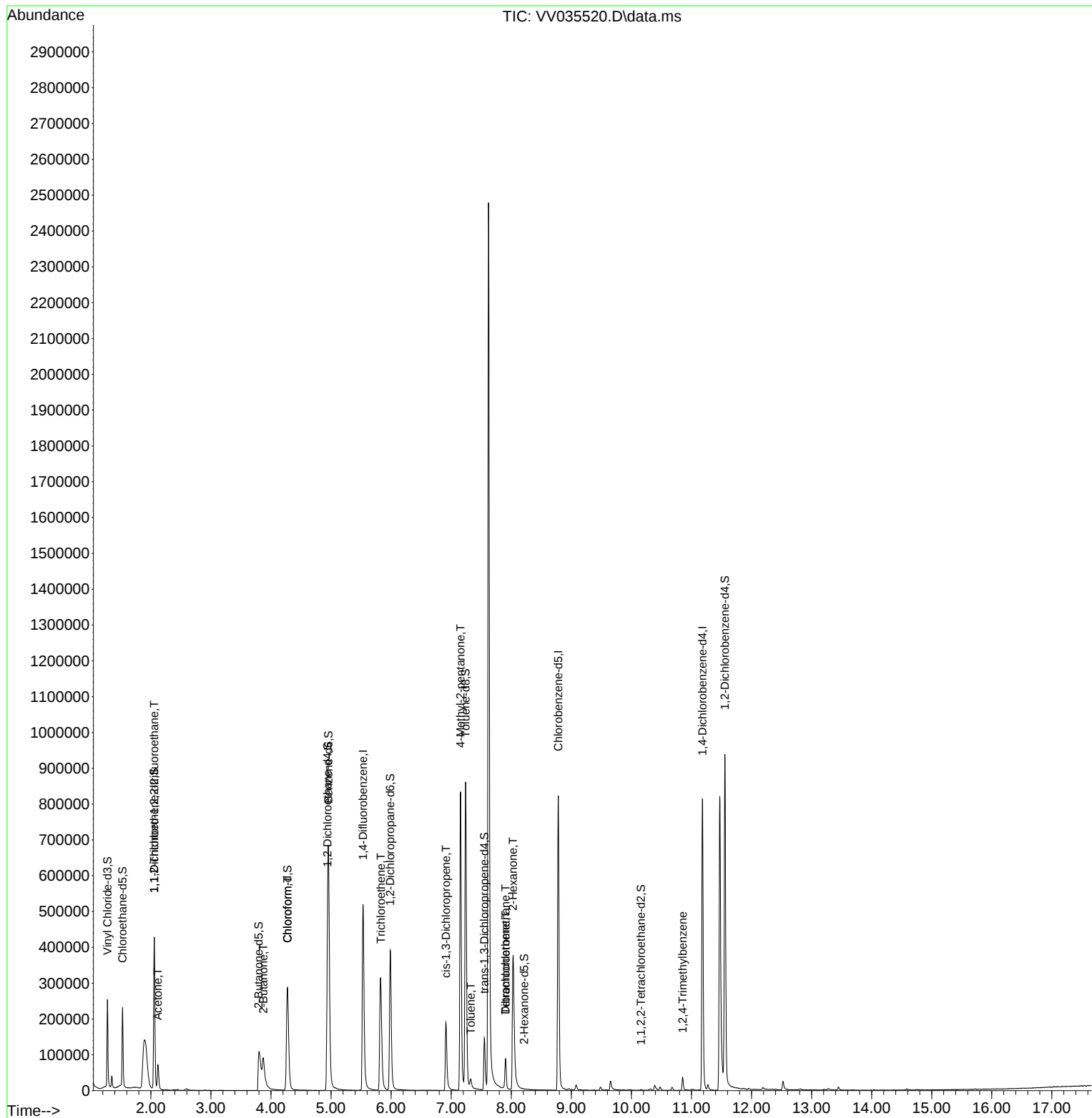
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

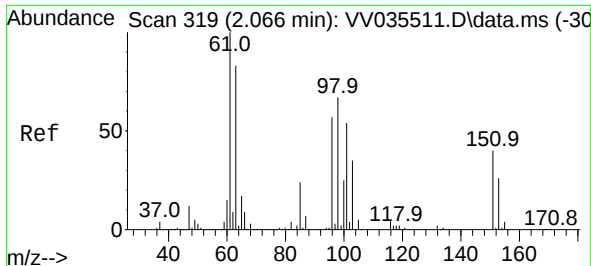
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	480820	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	476620	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	224911	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	162776	43.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.820%		
7) Chloroethane-d5	1.529	69	142252	52.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.140%		
11) 1,1-Dichloroethene-d2	2.056	65	72549	45.587	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.180%		
21) 2-Butanone-d5	3.796	46	133064	53.181	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	53.180%		
24) Chloroform-d	4.275	84	12739	1.873	ug/L	0.03
Spiked Amount 50.000	Range 70 - 125		Recovery =	3.740%#		
26) 1,2-Dichloroethane-d4	4.940	65	197124	49.223	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.440%		
32) Benzene-d6	4.956	84	636840	47.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
36) 1,2-Dichloropropane-d6	5.985	67	204488	48.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.780%		
41) Toluene-d8	7.239	98	609062	49.876	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.760%		
43) trans-1,3-Dichloroprop...	7.551	79	90537	44.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.820%		
47) 2-Hexanone-d5	8.214	63	111	0.058	ug/L	0.19
Spiked Amount 100.000	Range 45 - 130		Recovery =	0.060%#		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	1087	0.171	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	0.340%#		
66) 1,2-Dichlorobenzene-d4	11.557	152	247171	55.314	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.620%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2358	0.752	ug/L #	19
13) Acetone	2.117	43	71357	30.805	ug/L	100
22) 2-Butanone	3.873	43	135885	49.554	ug/L	94
25) Chloroform	4.275	83	308295	48.077	ug/L	98
34) Trichloroethene	5.831	95	68634	20.039	ug/L	99
39) cis-1,3-Dichloropropene	6.911	75	4858	0.875	ug/L #	65
40) 4-Methyl-2-pentanone	7.156	43	513294	108.742	ug/L	99
42) Toluene	7.326	91	22059	1.634	ug/L	95
46) Tetrachloroethene	7.905	164	20499	7.410	ug/L	96
48) 2-Hexanone	8.030	43	24288	6.324	ug/L #	78
49) Dibromochloromethane	7.905	129	17308	4.372	ug/L #	11
63) 1,2,4-Trimethylbenzene	10.853	105	20613	1.978	ug/L	96

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.752 ug/L

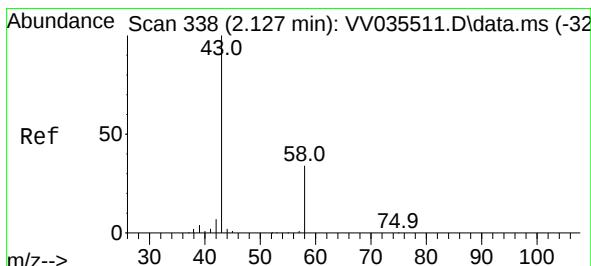
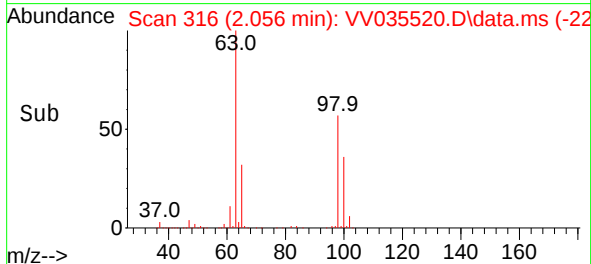
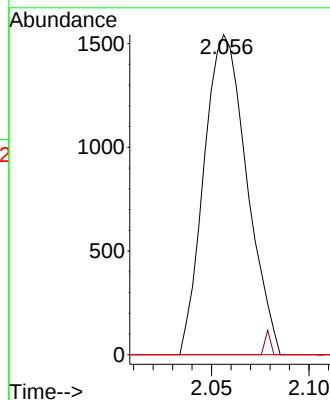
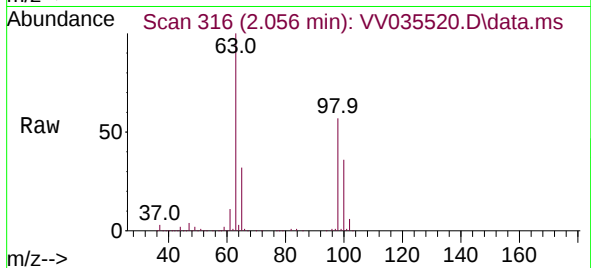
RT: 2.056 min Scan# 316

Delta R.T. -0.010 min

Lab File: VV035520.D

Acq: 02 May 2024 14:03

Tgt Ion:	101	Resp:	2358
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.4	51.6#
151	0.0	60.1	90.1#



#13

Acetone

Concen: 30.805 ug/L

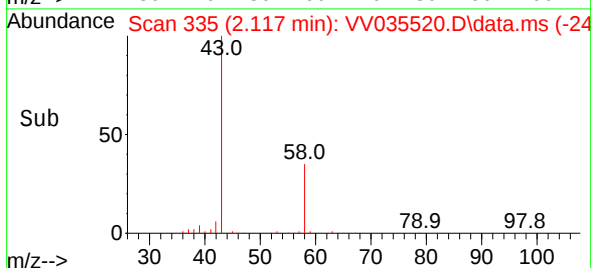
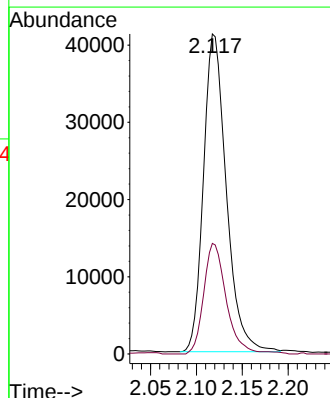
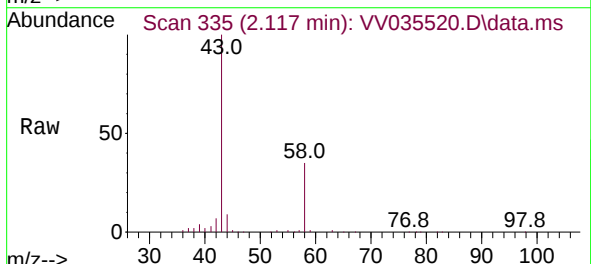
RT: 2.117 min Scan# 335

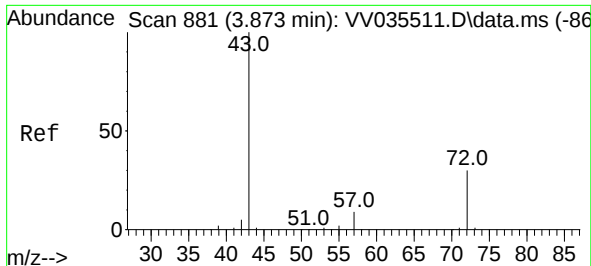
Delta R.T. -0.010 min

Lab File: VV035520.D

Acq: 02 May 2024 14:03

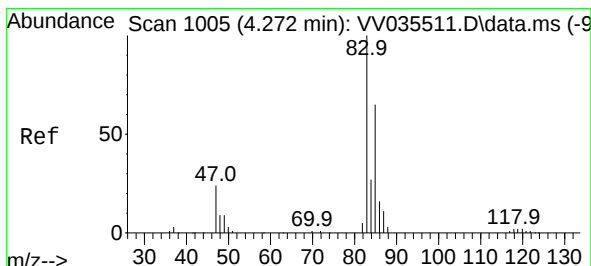
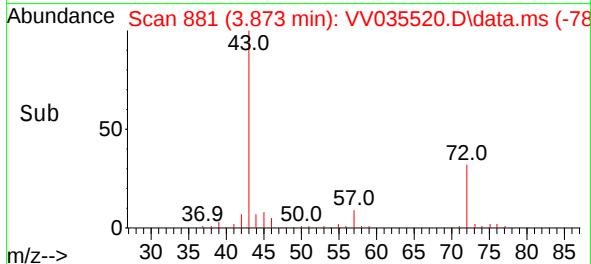
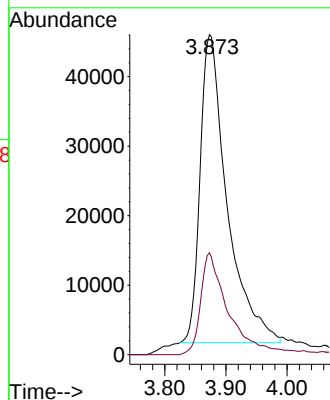
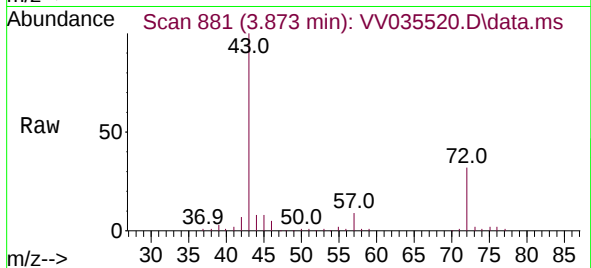
Tgt Ion:	43	Resp:	71357
Ion	Ratio	Lower	Upper
43	100		
58	34.6	0.0	68.8





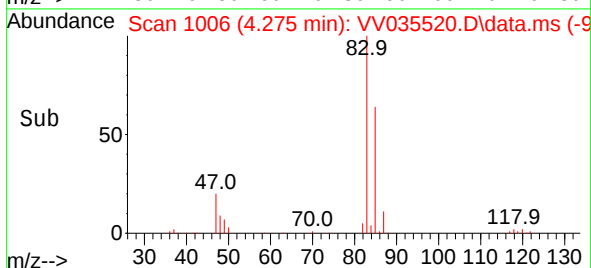
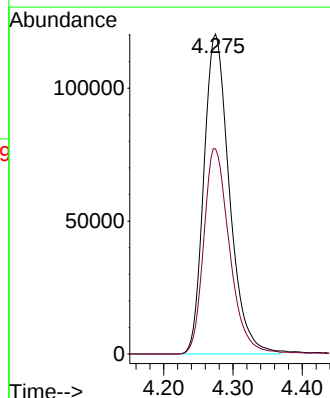
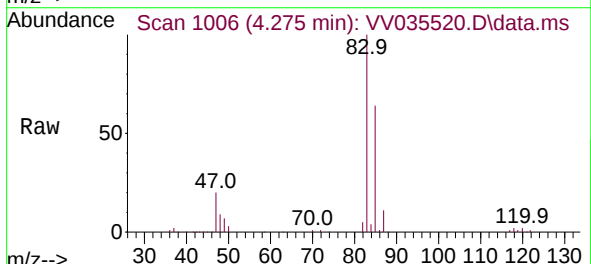
#22
2-Butanone
Concen: 49.554 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.000 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

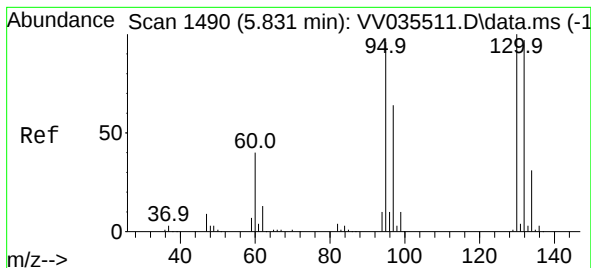
Tgt Ion: 43 Resp: 135885
Ion Ratio Lower Upper
43 100
72 31.8 14.4 43.0



#25
Chloroform
Concen: 48.077 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

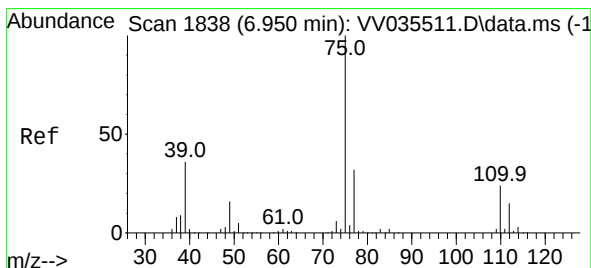
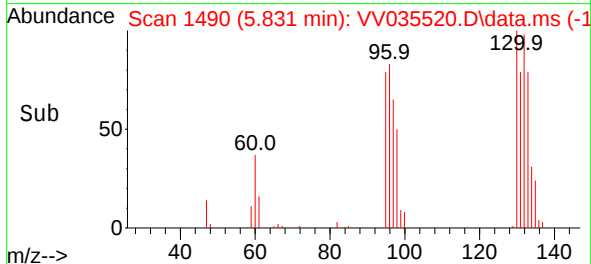
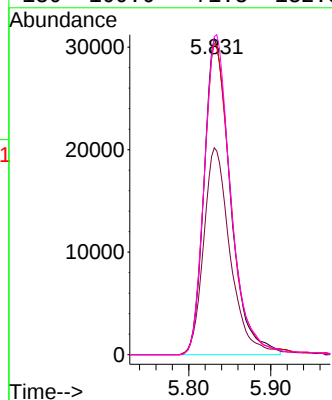
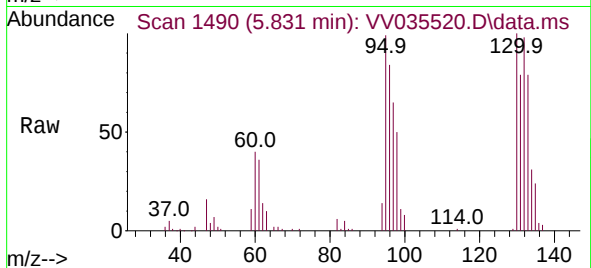
Tgt Ion: 83 Resp: 308295
Ion Ratio Lower Upper
83 100
85 64.1 45.8 85.2





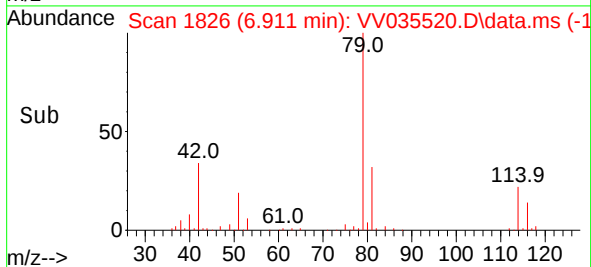
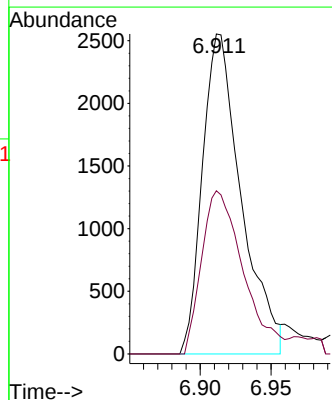
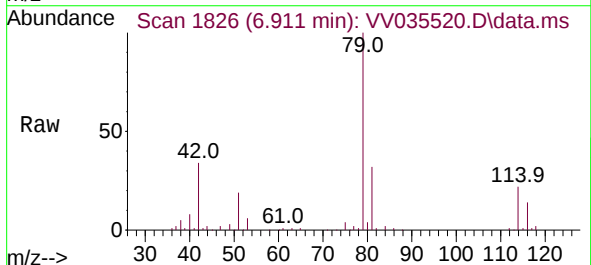
#34
Trichloroethene
Concen: 20.039 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

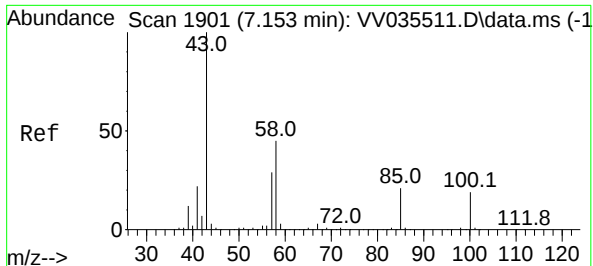
Tgt Ion: 95	Resp: 68634
Ion Ratio	Lower Upper
95 100	
97 65.5	45.1 83.9
132 98.6	69.4 128.8
130 100.6	71.3 132.3



#39
cis-1,3-Dichloropropene
Concen: 0.875 ug/L
RT: 6.911 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

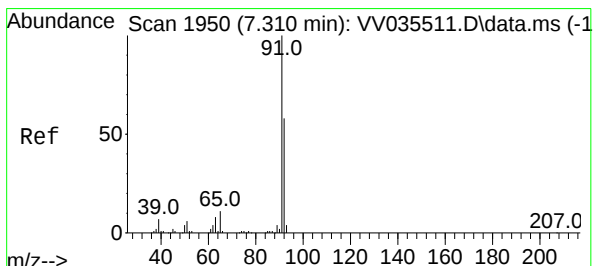
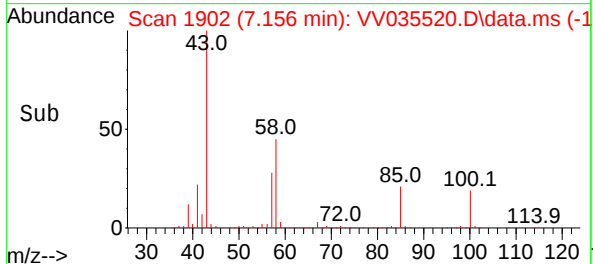
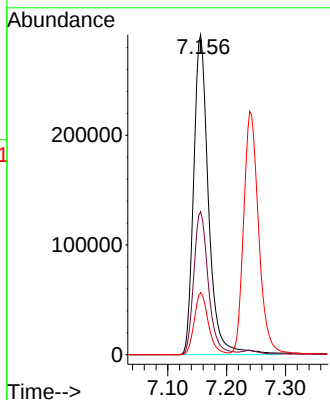
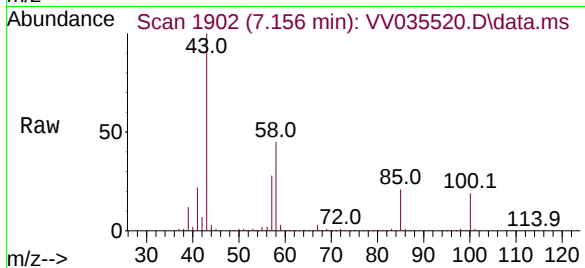
Tgt Ion: 75	Resp: 4858
Ion Ratio	Lower Upper
75 100	
77 51.0	22.3 41.3#





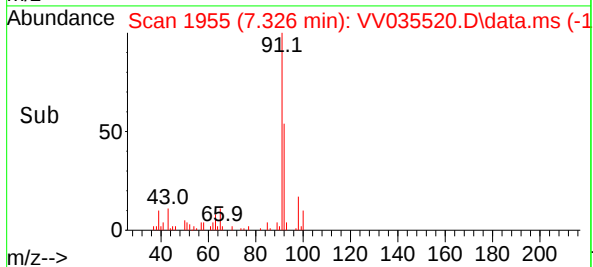
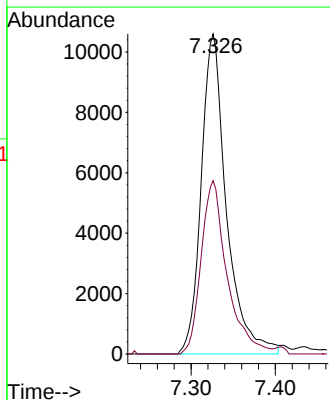
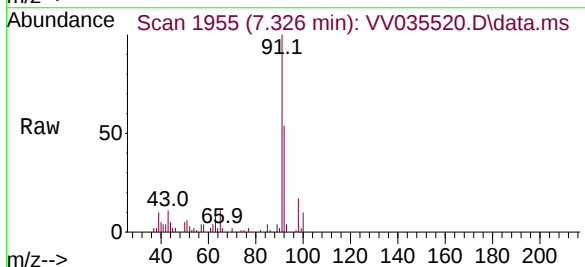
#40
4-Methyl-2-pentanone
Concen: 108.742 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

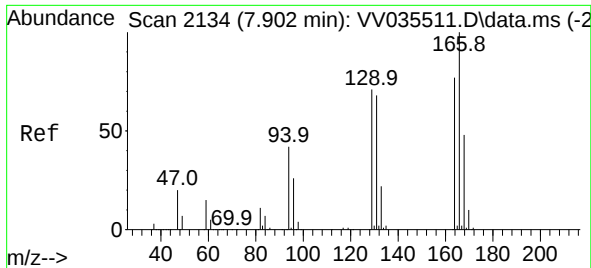
Tgt Ion: 43 Resp: 513294
Ion Ratio Lower Upper
43 100
58 44.0 36.1 54.1
100 18.4 15.0 22.4



#42
Toluene
Concen: 1.634 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.016 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

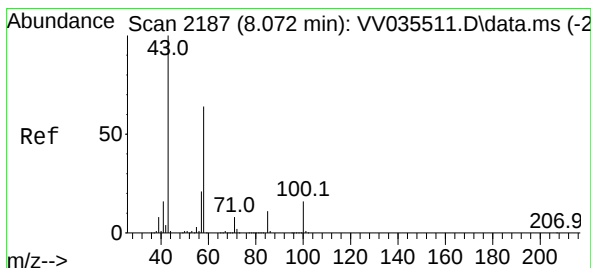
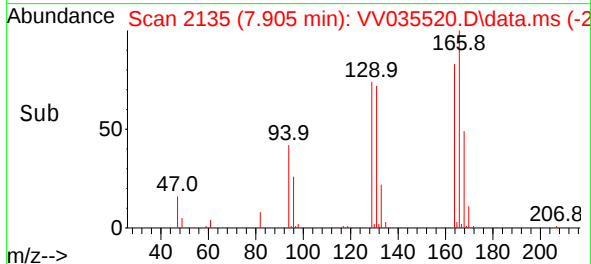
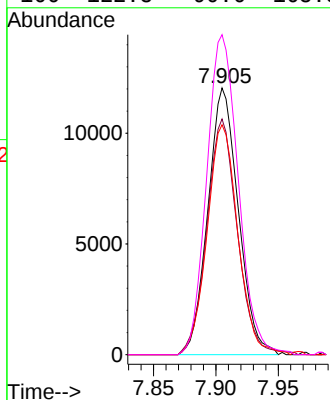
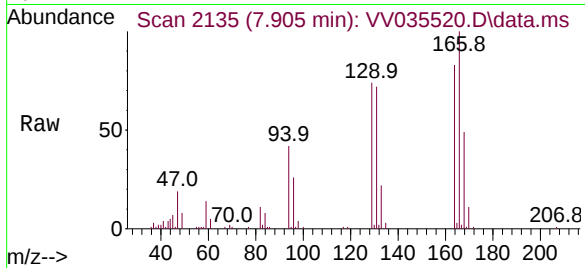
Tgt Ion: 91 Resp: 22059
Ion Ratio Lower Upper
91 100
92 54.2 40.3 74.9





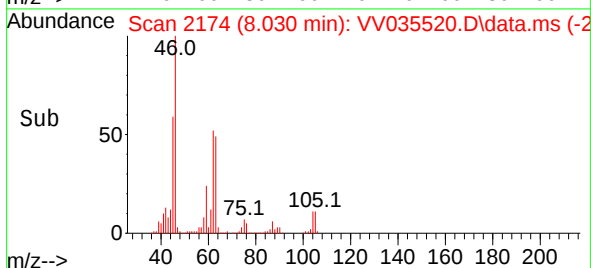
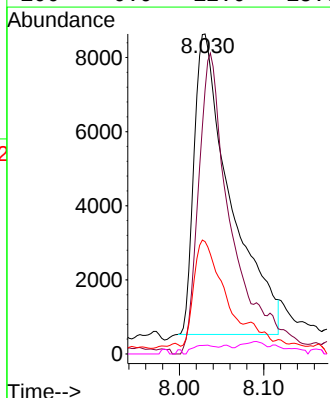
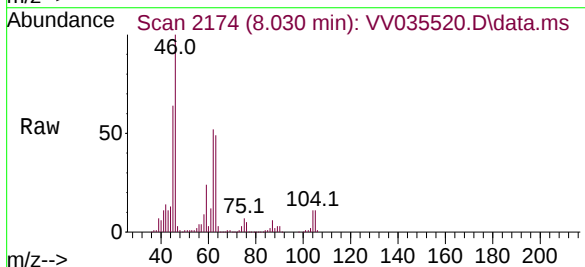
#46
Tetrachloroethene
Concen: 7.410 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

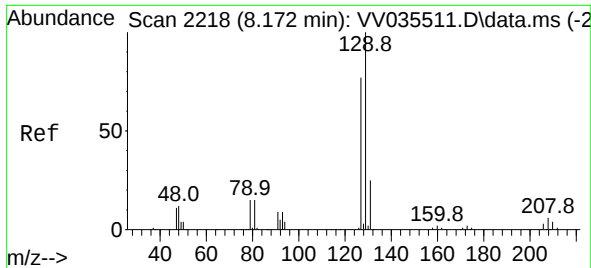
Tgt Ion:164	Resp:	20499
Ion	Ratio	Lower Upper
164	100	
129	88.4	64.7 120.1
131	86.2	61.5 114.1
166	122.8	90.6 168.3



#48
2-Hexanone
Concen: 6.324 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.042 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

Tgt Ion: 43	Resp:	24288
Ion	Ratio	Lower Upper
43	100	
58	80.5	50.8 76.2#
57	27.9	17.6 26.4#
100	0.9	12.0 18.0#





#49

Dibromochloromethane

Concen: 4.372 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.267 min

Lab File: VV035520.D

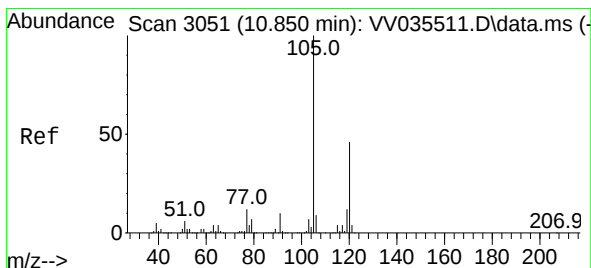
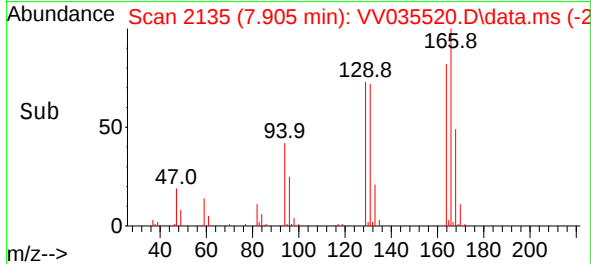
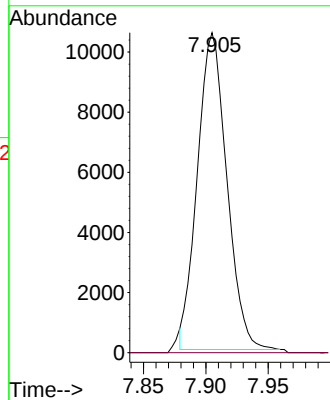
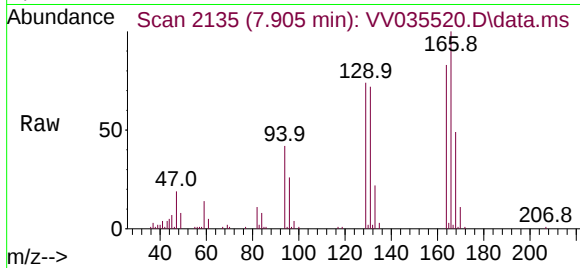
Acq: 02 May 2024 14:03

Tgt Ion:129 Resp: 17308

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.8#



#63

1,2,4-Trimethylbenzene

Concen: 1.978 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV035520.D

Acq: 02 May 2024 14:03

Tgt Ion:105 Resp: 20613

Ion Ratio Lower Upper

105 100

120 43.4 36.6 55.0

