

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027677.D
 Acq On : 16 Dec 2023 08:57
 Operator : SY/MD
 Sample : 05806-03
 Misc : 6.77g/10mL/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 16 09:25:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 16 04:21:48 2023
 Response via : Initial Calibration

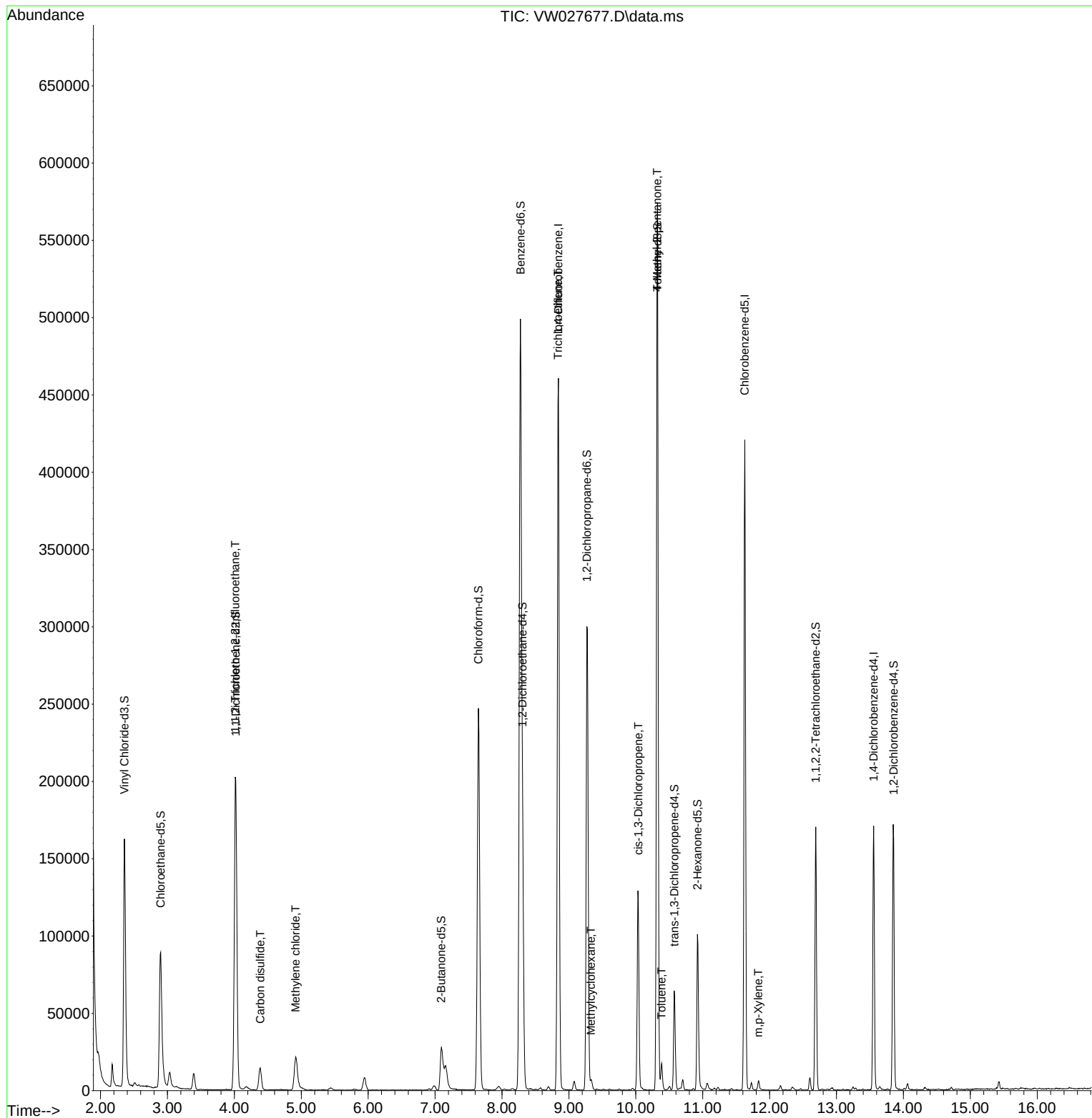
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

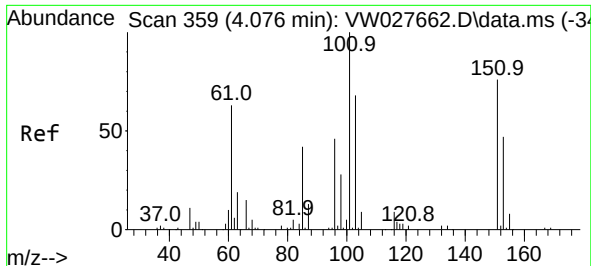
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	417881	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	245799	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	47063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	178718	30.198	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 120.800%		
7) Chloroethane-d5	2.899	69	137080	29.749	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 119.000%		
11) 1,1-Dichloroethene-d2	4.021	65	61381	25.897	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 103.600%		
21) 2-Butanone-d5	7.093	46	51926	51.526	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 103.060%		
24) Chloroform-d	7.648	84	259133	26.060	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 104.240%		
26) 1,2-Dichloroethane-d4	8.306	65	122084	26.149	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 104.600%		
32) Benzene-d6	8.276	84	559298	38.934	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 155.720%#		
36) 1,2-Dichloropropane-d6	9.270	67	155763	38.273	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 153.080%#		
41) Toluene-d8	10.324	98	399570	29.979	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 119.920%		
43) trans-1,3-Dichloroprop...	10.574	79	37509	23.804	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 95.200%		
47) 2-Hexanone-d5	10.922	63	37508	63.242	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 126.480%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87456	28.416	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 113.680%		
66) 1,2-Dichlorobenzene-d4	13.854	152	48006	28.496	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 114.000%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	4.015	101	1983	0.379	ug/L #	20
14) Carbon disulfide	4.386	76	31235	1.816	ug/L	98
16) Methylene chloride	4.917	84	18166	2.773	ug/L	91
34) Trichloroethene	8.837	95	12133	3.124	ug/L #	3
35) Methylcyclohexane	9.331	83	2227	0.318	ug/L	91
39) cis-1,3-Dichloropropene	10.038	75	3123	0.596	ug/L #	80
40) 4-Methyl-2-pentanone	10.318	43	1385	0.921	ug/L #	1
42) Toluene	10.385	91	12649	0.825	ug/L	91
53) m,p-Xylene	11.830	106	1840	0.277	ug/L	92

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

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#10

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

Concen: 0.379 ug/L

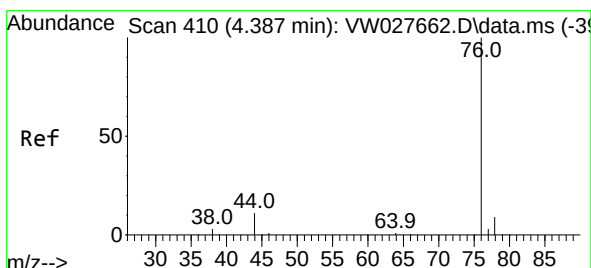
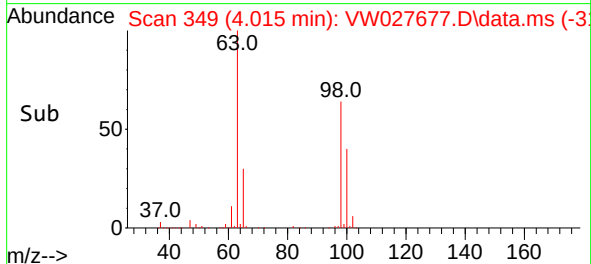
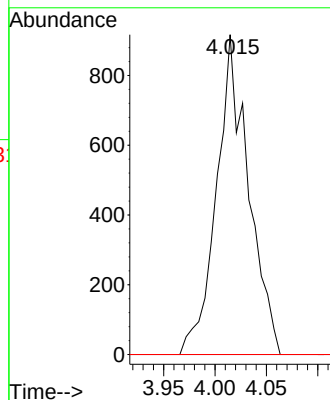
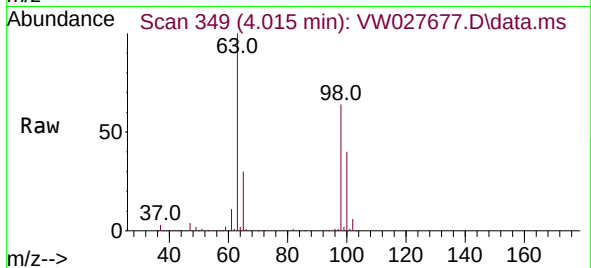
RT: 4.015 min Scan# 349

Delta R.T. -0.061 min

Lab File: VW027677.D

Acq: 16 Dec 2023 08:57

Tgt Ion:	101	Resp:	1983
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.4#
151	0.0	58.9	88.3#



#14

Carbon disulfide

Concen: 1.816 ug/L

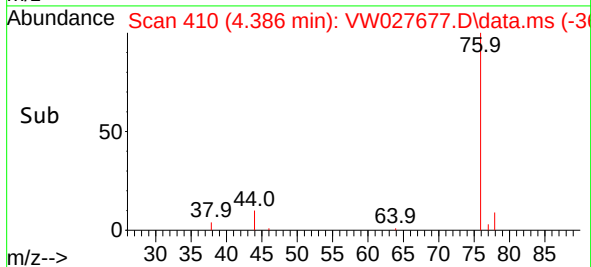
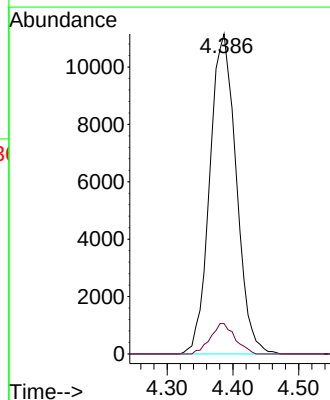
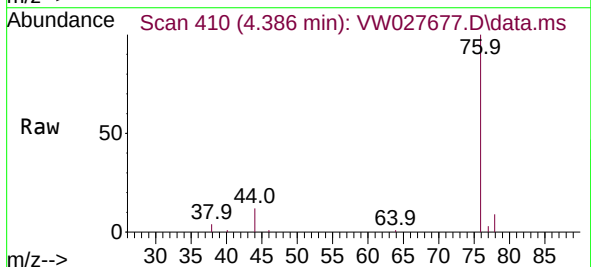
RT: 4.386 min Scan# 410

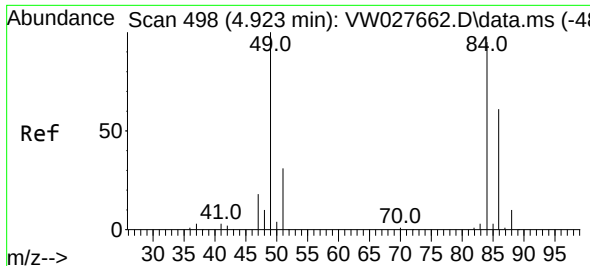
Delta R.T. -0.000 min

Lab File: VW027677.D

Acq: 16 Dec 2023 08:57

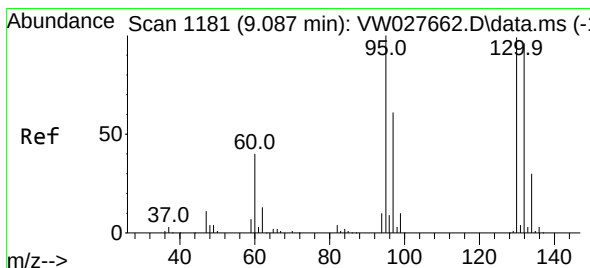
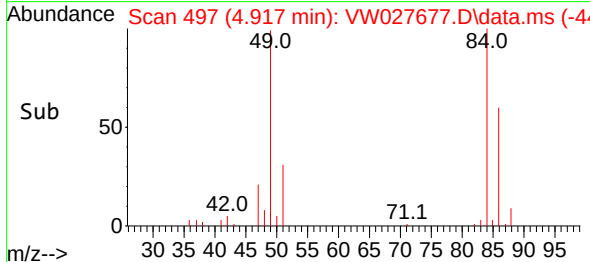
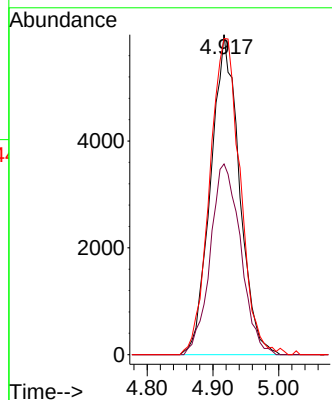
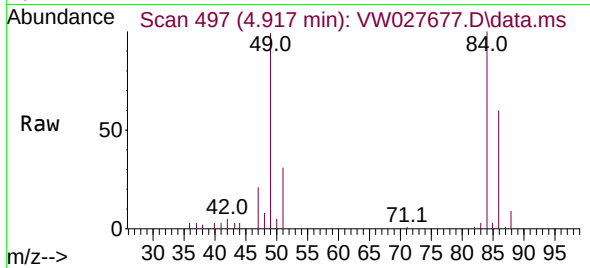
Tgt Ion:	76	Resp:	31235
Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6





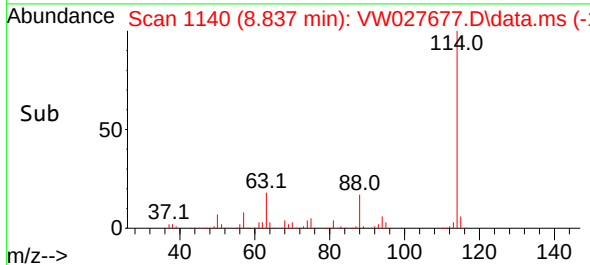
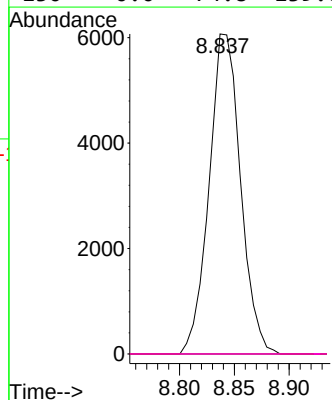
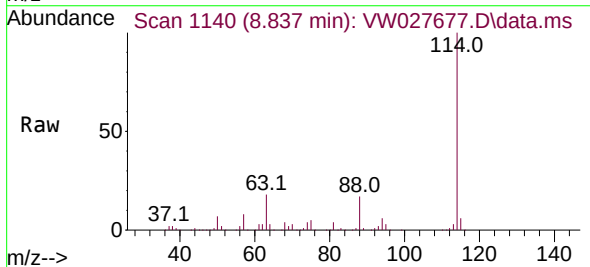
#16
Methylene chloride
Concen: 2.773 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027677.D
Acq: 16 Dec 2023 08:57

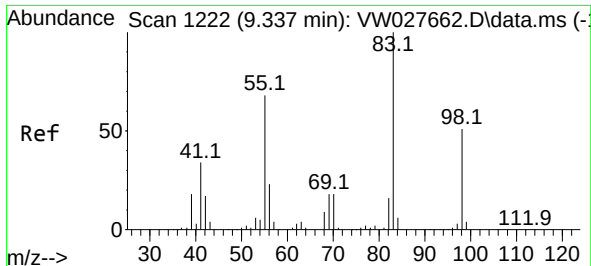
Tgt Ion: 84 Resp: 18166
Ion Ratio Lower Upper
84 100
86 59.6 45.8 85.2
49 98.8 76.2 141.6



#34
Trichloroethene
Concen: 3.124 ug/L
RT: 8.837 min Scan# 1140
Delta R.T. -0.250 min
Lab File: VW027677.D
Acq: 16 Dec 2023 08:57

Tgt Ion: 95 Resp: 12133
Ion Ratio Lower Upper
95 100
97 0.0 45.9 85.3#
132 0.0 70.4 130.8#
130 0.0 74.8 139.0#

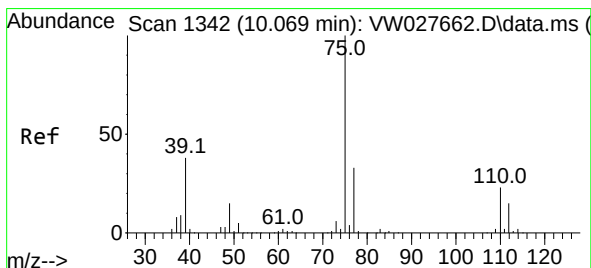
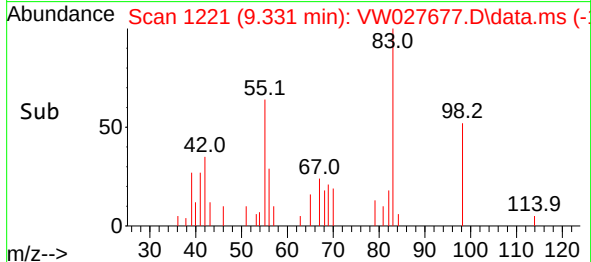
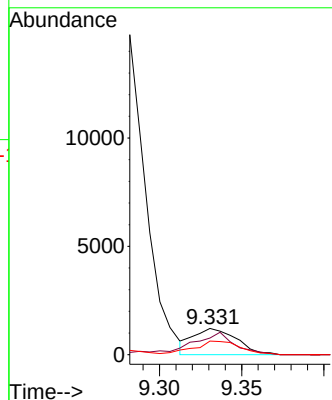
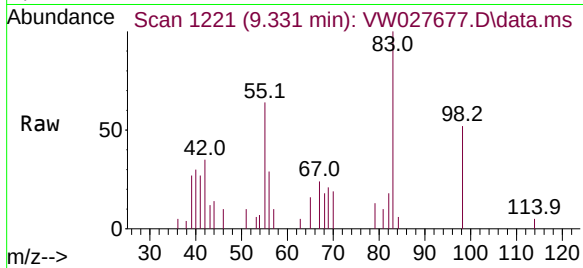




#35
Methylcyclohexane
Concen: 0.318 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027677.D
Acq: 16 Dec 2023 08:57

Tgt Ion: 83 Resp: 2227

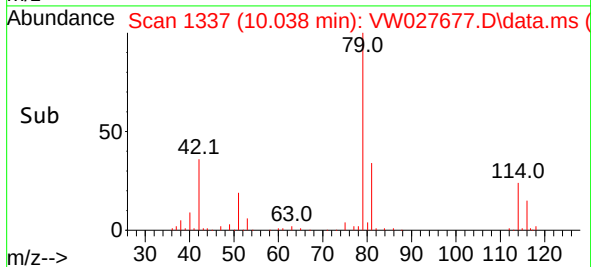
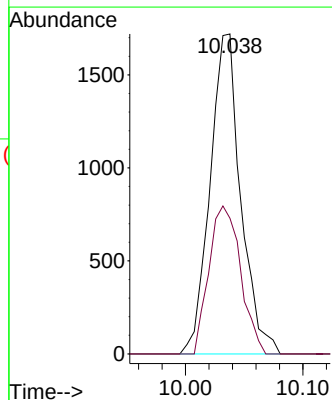
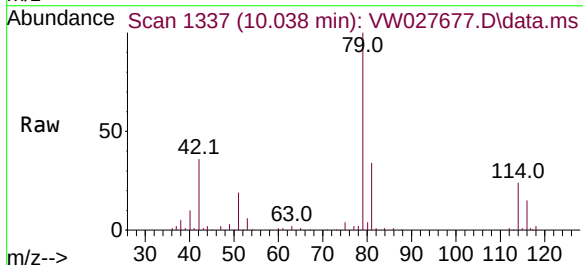
Ion	Ratio	Lower	Upper
83	100		
55	75.9	55.1	82.7
98	55.7	39.3	58.9

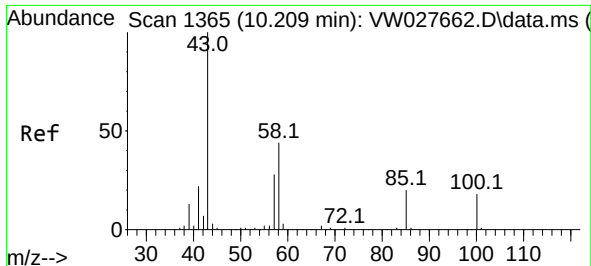


#39
cis-1,3-Dichloropropene
Concen: 0.596 ug/L
RT: 10.038 min Scan# 1337
Delta R.T. -0.031 min
Lab File: VW027677.D
Acq: 16 Dec 2023 08:57

Tgt Ion: 75 Resp: 3123

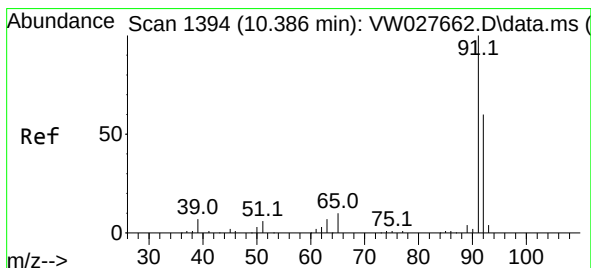
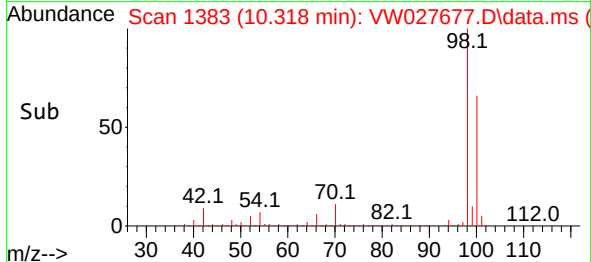
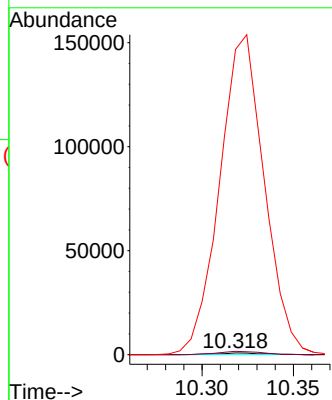
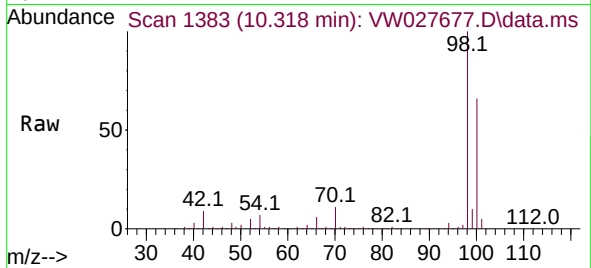
Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.8	40.6#





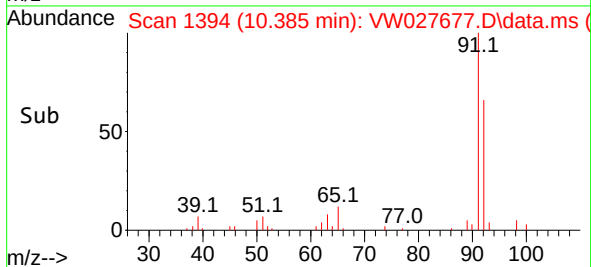
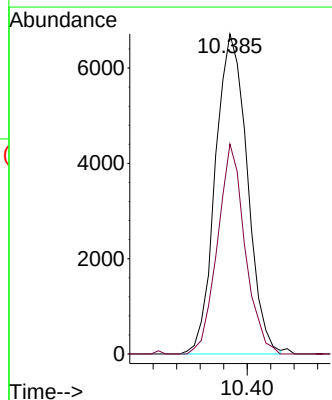
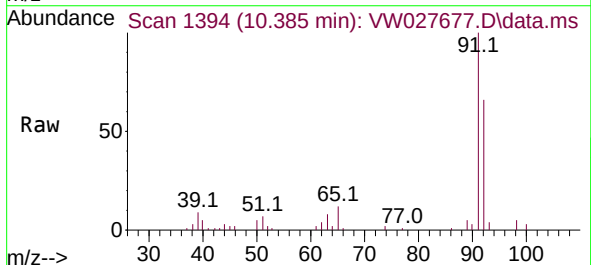
#40
4-Methyl-2-pentanone
Concen: 0.921 ug/L
RT: 10.318 min Scan# 1383
Delta R.T. 0.109 min
Lab File: VW027677.D
Acq: 16 Dec 2023 08:57

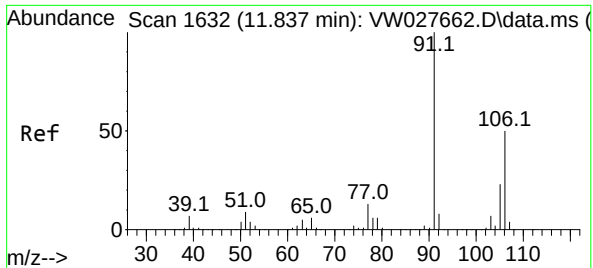
Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 195.3 36.1 54.1#
100 18957.0 15.8 23.8#



#42
Toluene
Concen: 0.825 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027677.D
Acq: 16 Dec 2023 08:57

Tgt Ion: 91 Resp: 12649
Ion Ratio Lower Upper
91 100
92 65.6 41.2 76.4





#53
 m,p-Xylene
 Concen: 0.277 ug/L
 RT: 11.830 min Scan# 1631
 Delta R.T. -0.006 min
 Lab File: VW027677.D
 Acq: 16 Dec 2023 08:57

Tgt Ion:	106	Resp:	1840
Ion Ratio	Lower	Upper	
106	100		
91	182.1	135.7	251.9

