

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023554.D
 Acq On : 22 Oct 2025 16:22
 Operator : SY/MD
 Sample : Q3422-01
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S15-000008-20251021

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M

Title : SW846 8260

Signal : TIC: VY023554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.842	179	184	191	rVB	27618	57554	1.35%	0.082%
2	3.872	341	353	360	rBV	33400	105513	2.47%	0.151%
3	4.110	383	392	406	rVB	43389	121103	2.84%	0.173%
4	4.622	463	476	495	rBV4	44435	204128	4.78%	0.291%
5	5.134	548	560	575	rVB2	20341	74775	1.75%	0.107%
6	6.427	761	772	785	rBV3	20967	74022	1.73%	0.106%
7	6.591	788	799	810	rVV4	44241	148098	3.47%	0.211%
8	6.896	838	849	864	rBV4	29264	101429	2.38%	0.145%
9	7.445	929	939	950	rVB3	23521	68350	1.60%	0.098%
10	7.634	957	970	976	rBV	560563	1351333	31.65%	1.928%
11	7.707	976	982	990	rVV	972514	2263658	53.02%	3.229%
12	7.792	990	996	1009	rVV2	138338	364652	8.54%	0.520%
13	7.927	1010	1018	1020	rVV3	27269	60887	1.43%	0.087%
14	7.975	1020	1026	1033	rVV	81952	207528	4.86%	0.296%
15	8.061	1033	1040	1052	rVV	451233	1003291	23.50%	1.431%
16	8.195	1053	1062	1067	rVV3	59586	163470	3.83%	0.233%
17	8.250	1067	1071	1079	rVV2	48170	140340	3.29%	0.200%
18	8.341	1079	1086	1096	rVB	160137	368000	8.62%	0.525%
19	8.615	1122	1131	1144	rBV	1421669	2802430	65.64%	3.998%
20	8.853	1162	1170	1176	rBV2	53577	122136	2.86%	0.174%
21	9.079	1197	1207	1210	rBV2	300496	676642	15.85%	0.965%
22	9.115	1210	1213	1218	rVV	281619	503248	11.79%	0.718%
23	9.170	1218	1222	1230	rVB2	144217	270584	6.34%	0.386%
24	9.390	1248	1258	1265	rBV	317905	701487	16.43%	1.001%
25	9.536	1275	1282	1291	rBV2	199685	399721	9.36%	0.570%
26	9.676	1301	1305	1310	rVV3	62649	127849	2.99%	0.182%
27	9.731	1310	1314	1320	rVB3	69748	142274	3.33%	0.203%
28	9.865	1329	1336	1342	rBV	198479	411805	9.65%	0.587%
29	9.999	1351	1358	1360	rBV2	96061	183855	4.31%	0.262%
30	10.042	1360	1365	1369	rVV2	147918	289919	6.79%	0.414%
31	10.103	1369	1375	1388	rVB	2286547	4269234	100.00%	6.090%
32	10.274	1398	1403	1404	rBV	150106	210376	4.93%	0.300%
33	10.408	1415	1425	1428	rBV	199630	408148	9.56%	0.582%
34	10.444	1428	1431	1438	rVB	257026	442459	10.36%	0.631%
35	10.542	1440	1447	1453	rBV4	195249	514713	12.06%	0.734%
36	10.591	1453	1455	1459	rVB2	71354	95421	2.24%	0.136%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023554.D
 Acq On : 22 Oct 2025 16:22
 Operator : SY/MD
 Sample : Q3422-01
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S15-000008-20251021

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Title : SW846 8260

37	10.640	1459	1463	1467	rVB3	82489	125514	2.94%	0.179%
38	10.688	1467	1471	1473	rBV	56611	87135	2.04%	0.124%
39	10.731	1473	1478	1484	rVB	266964	447459	10.48%	0.638%
40	10.829	1485	1494	1502	rBV	281347	745114	17.45%	1.063%
41	10.902	1502	1506	1508	rBV	144535	219185	5.13%	0.313%
42	10.963	1514	1516	1519	rVB	51106	53500	1.25%	0.076%
43	11.017	1519	1525	1530	rBV	557986	997349	23.36%	1.423%
44	11.072	1530	1534	1538	rVB2	209243	291832	6.84%	0.416%
45	11.121	1538	1542	1547	rVB3	170253	298478	6.99%	0.426%
46	11.176	1547	1551	1554	rBV	67329	99957	2.34%	0.143%
47	11.225	1554	1559	1568	rVB	350610	746081	17.48%	1.064%
48	11.310	1568	1573	1574	rBV	65812	92726	2.17%	0.132%
49	11.341	1575	1578	1582	rVB4	69744	95811	2.24%	0.137%
50	11.414	1584	1590	1600	rBV	2019875	3366909	78.86%	4.803%
51	11.493	1600	1603	1608	rVB3	50121	82786	1.94%	0.118%
52	11.554	1608	1613	1617	rBV	178425	278957	6.53%	0.398%
53	11.609	1617	1622	1626	rBV2	336740	666664	15.62%	0.951%
54	11.664	1626	1631	1635	rBV2	241338	452176	10.59%	0.645%
55	11.767	1643	1648	1651	rBV2	218125	408550	9.57%	0.583%
56	11.816	1651	1656	1660	rVV5	177841	405790	9.50%	0.579%
57	11.865	1660	1664	1667	rVV2	186354	247330	5.79%	0.353%
58	11.926	1667	1674	1681	rVV4	739338	1951113	45.70%	2.783%
59	11.981	1681	1683	1686	rVV2	212476	313988	7.35%	0.448%
60	12.017	1686	1689	1691	rVV2	281455	447310	10.48%	0.638%
61	12.048	1691	1694	1698	rVB	652009	855618	20.04%	1.221%
62	12.090	1698	1701	1702	rBV	129477	153392	3.59%	0.219%
63	12.127	1702	1707	1709	rVV3	769749	1329477	31.14%	1.897%
64	12.158	1709	1712	1717	rVB	870085	1352561	31.68%	1.929%
65	12.243	1717	1726	1731	rBV8	429653	1234319	28.91%	1.761%
66	12.304	1733	1736	1740	rVB4	194621	345895	8.10%	0.493%
67	12.407	1747	1753	1758	rVB	1733228	2806834	65.75%	4.004%
68	12.499	1758	1768	1771	rBV5	524655	1383492	32.41%	1.974%
69	12.566	1775	1779	1786	rVB3	878453	1662162	38.93%	2.371%
70	12.651	1786	1793	1800	rBV5	754334	2196450	51.45%	3.133%
71	12.731	1800	1806	1810	rBV5	540016	1444009	33.82%	2.060%
72	12.871	1821	1829	1833	rBV3	641033	1619594	37.94%	2.310%
73	12.920	1833	1837	1841	rVV3	683507	1280206	29.99%	1.826%
74	12.962	1841	1844	1853	rVB5	987477	1883465	44.12%	2.687%
75	13.090	1861	1865	1872	rBV6	436222	893490	20.93%	1.275%
76	13.212	1882	1885	1892	rVV4	401800	852707	19.97%	1.216%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023554.D
 Acq On : 22 Oct 2025 16:22
 Operator : SY/MD
 Sample : Q3422-01
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S15-000008-20251021

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Title : SW846 8260

77	13.273	1892	1895	1900	rVV3	351280	502034	11.76%	0.716%
78	13.346	1901	1907	1915	rVB	1820798	3287815	77.01%	4.690%
79	13.487	1926	1930	1934	rVB3	432016	638202	14.95%	0.910%
80	13.548	1934	1940	1945	rVB	725601	1491459	34.94%	2.128%
81	13.663	1954	1959	1965	rBV5	877458	1527046	35.77%	2.178%
82	13.883	1993	1995	2001	rVB5	485144	675813	15.83%	0.964%
83	13.993	2010	2013	2017	rVB5	194078	275272	6.45%	0.393%
84	14.060	2019	2024	2030	rVB5	310294	667959	15.65%	0.953%
85	14.114	2030	2033	2038	rBV5	164429	284756	6.67%	0.406%
86	14.175	2038	2043	2058	rVB5	790333	2055735	48.15%	2.933%
87	14.340	2066	2070	2074	rVB2	588085	797227	18.67%	1.137%
88	14.535	2099	2102	2107	rVV6	150003	213420	5.00%	0.304%
89	14.602	2108	2113	2117	rVV4	346965	670607	15.71%	0.957%
90	14.645	2117	2120	2127	rVB3	595125	942628	22.08%	1.345%
91	14.761	2137	2139	2142	rBV2	132096	180119	4.22%	0.257%
92	14.858	2152	2155	2158	rVB3	311902	416282	9.75%	0.594%
93	15.120	2195	2198	2204	rBV3	251206	383669	8.99%	0.547%
94	15.504	2257	2261	2266	rVB3	318278	565831	13.25%	0.807%
95	16.047	2346	2350	2356	rVB4	222274	371641	8.71%	0.530%
96	16.364	2397	2402	2408	rVB2	236073	486749	11.40%	0.694%

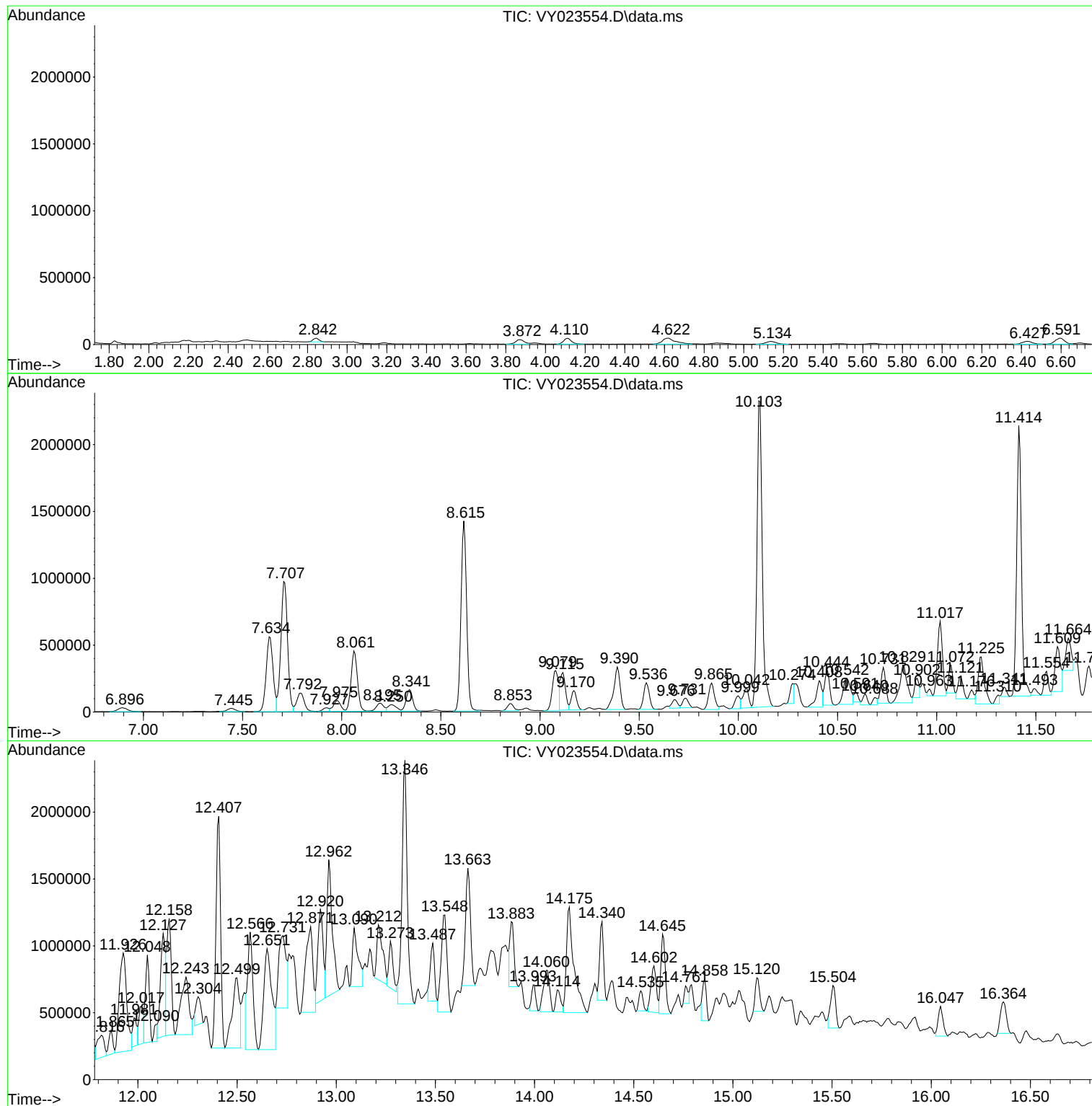
Sum of corrected areas: 70100081

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023554.D
Acq On : 22 Oct 2025 16:22
Operator : SY/MD
Sample : Q3422-01
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S15-000008-20251021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023554.D
Acq On : 22 Oct 2025 16:22
Operator : SY/MD
Sample : Q3422-01
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S15-000008-20251021

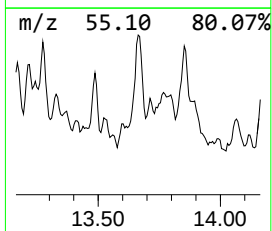
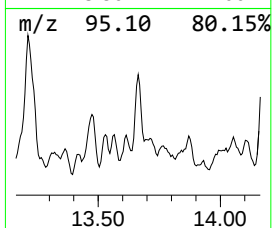
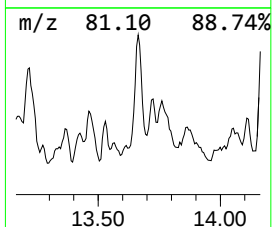
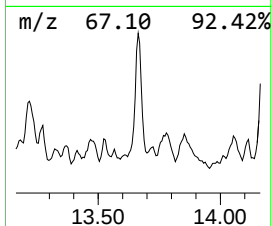
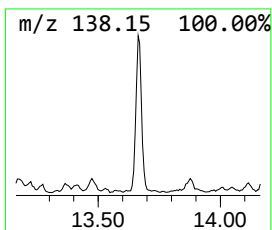
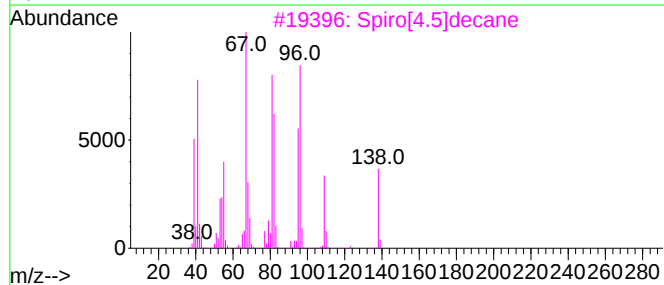
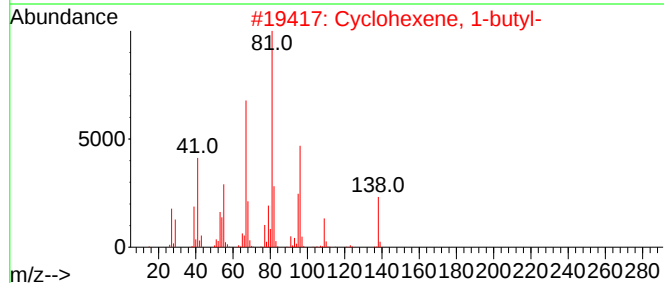
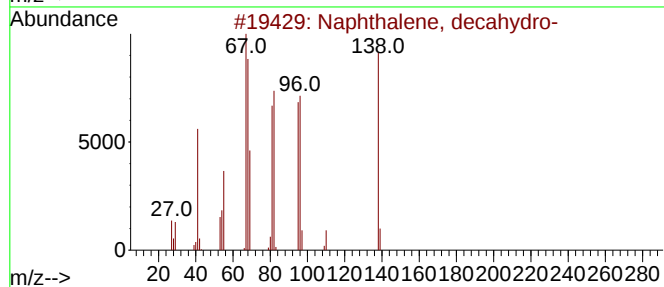
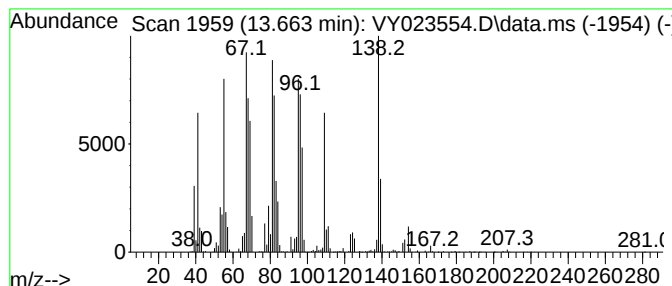
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, decahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	23.22 ug/l	1527050	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	91
2			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	91
3			Spiro[4.5]decane	138	C10H18	000176-63-6	74
4			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	70
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023554.D
Acq On : 22 Oct 2025 16:22
Operator : SY/MD
Sample : Q3422-01
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S15-000008-20251021

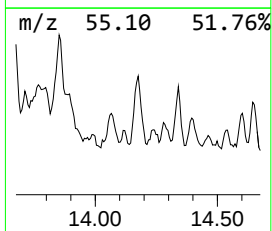
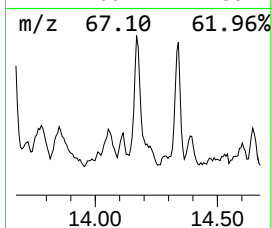
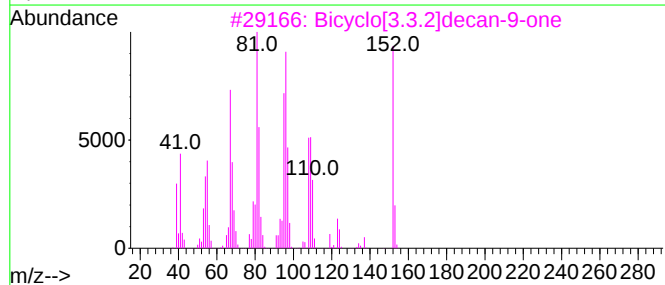
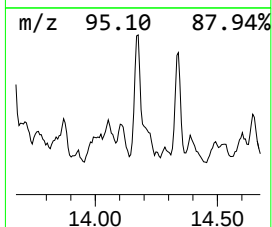
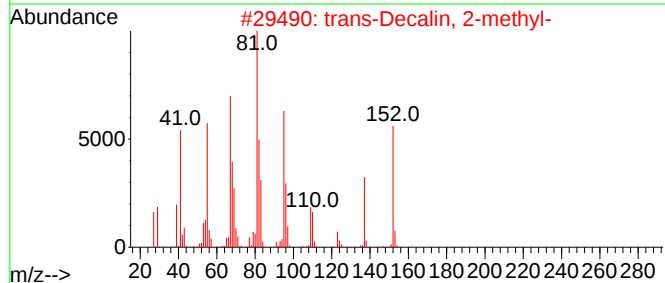
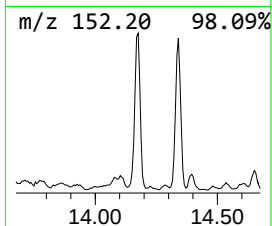
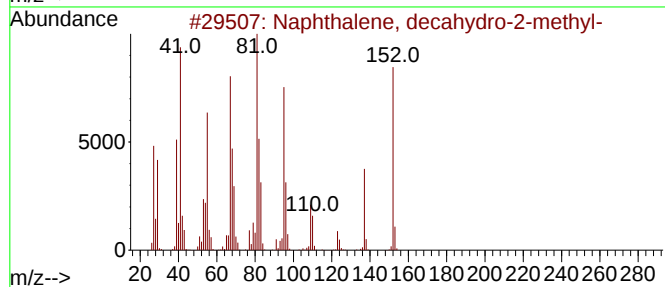
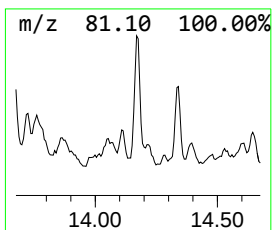
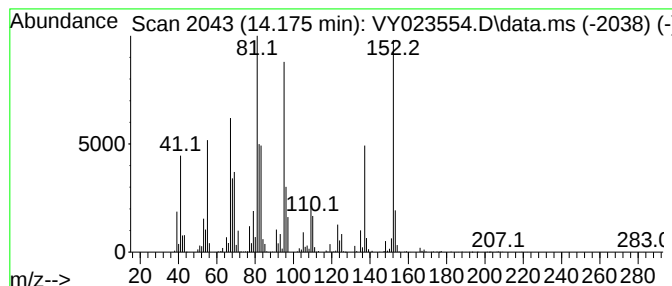
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	31.26 ug/l	2055740	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	70
4			Bicyclo[3.3.1]nonane-2,7-dione	152	C9H12O2	1000210-30-3	60
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023554.D
Acq On : 22 Oct 2025 16:22
Operator : SY/MD
Sample : Q3422-01
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S15-000008-20251021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, de...	13.663	23.2	ug/l	1527050	4	13.346	3287820	50.0
Naphthalene, de...	14.176	31.3	ug/l	2055740	4	13.346	3287820	50.0