

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023517.D
 Acq On : 20 Oct 2025 18:33
 Operator : SY/MD
 Sample : Q3393-05
 Misc : 3.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S08-000013-20251017

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: VY023517.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.830	12	18	28	rVB2	99322	163537	3.19%	0.143%
2	2.202	70	79	89	rBV	131610	247450	4.83%	0.216%
3	2.842	177	184	193	rVB	119909	261909	5.11%	0.229%
4	3.184	232	240	256	rVB3	40115	105110	2.05%	0.092%
5	3.872	342	353	361	rBV	30782	89064	1.74%	0.078%
6	4.110	382	392	403	rBV	66771	184359	3.60%	0.161%
7	4.616	463	475	478	rBV4	28658	85389	1.67%	0.075%
8	4.671	479	484	492	rVB4	24847	75725	1.48%	0.066%
9	5.134	545	560	577	rBV2	59941	222594	4.35%	0.194%
10	6.591	789	799	810	rBV2	36999	118109	2.31%	0.103%
11	7.640	958	971	976	rBV	542642	1316721	25.71%	1.149%
12	7.713	976	983	991	rVV	936325	2172664	42.42%	1.896%
13	7.792	991	996	1009	rVB2	142437	378150	7.38%	0.330%
14	7.920	1009	1017	1023	rBV2	44765	104374	2.04%	0.091%
15	8.067	1032	1041	1053	rBV2	460270	1104597	21.57%	0.964%
16	8.195	1054	1062	1064	rVV2	67770	139088	2.72%	0.121%
17	8.250	1064	1071	1081	rVV	418710	1090500	21.29%	0.952%
18	8.341	1081	1086	1100	rVV2	67774	195814	3.82%	0.171%
19	8.615	1122	1131	1146	rBV	1403516	2815793	54.98%	2.457%
20	8.853	1163	1170	1177	rBV	179098	388128	7.58%	0.339%
21	8.926	1178	1182	1191	rVB2	32213	71130	1.39%	0.062%
22	9.115	1199	1213	1218	rBV4	403675	1145248	22.36%	0.999%
23	9.170	1218	1222	1229	rVB	271219	493900	9.64%	0.431%
24	9.256	1229	1236	1239	rBV3	38413	83127	1.62%	0.073%
25	9.304	1239	1244	1249	rVV4	43542	105284	2.06%	0.092%
26	9.390	1249	1258	1265	rVB2	185565	449571	8.78%	0.392%
27	9.542	1276	1283	1290	rVV2	458099	894749	17.47%	0.781%
28	9.676	1295	1305	1311	rVV3	427268	994520	19.42%	0.868%
29	9.731	1311	1314	1320	rVV4	132200	273064	5.33%	0.238%
30	9.865	1329	1336	1342	rBV2	172421	377611	7.37%	0.330%
31	9.926	1342	1346	1352	rVB3	47485	101613	1.98%	0.089%
32	9.993	1352	1357	1360	rBV4	65011	131462	2.57%	0.115%
33	10.042	1360	1365	1370	rVV	448260	805730	15.73%	0.703%
34	10.109	1370	1376	1388	rVV	2382007	4203167	82.07%	3.668%
35	10.231	1389	1396	1399	rVV3	65051	128095	2.50%	0.112%
36	10.274	1399	1403	1414	rVB5	162336	516495	10.09%	0.451%

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37	10.408	1420	1425	1429	rBV2	146302	245625	4.80%	0.214%
38	10.451	1429	1432	1436	rVB2	129880	185057	3.61%	0.161%
39	10.548	1441	1448	1449	rBV4	179102	322855	6.30%	0.282%
40	10.640	1459	1463	1468	rVB3	192739	305701	5.97%	0.267%
41	10.731	1472	1478	1484	rVB	771655	1222680	23.87%	1.067%
42	10.835	1484	1495	1502	rBV	602887	1423212	27.79%	1.242%
43	10.902	1502	1506	1509	rBV2	148034	244158	4.77%	0.213%
44	10.963	1513	1516	1520	rVV	155990	217055	4.24%	0.189%
45	11.017	1520	1525	1530	rVV2	939010	1557993	30.42%	1.360%
46	11.072	1530	1534	1538	rVB	262747	353557	6.90%	0.309%
47	11.127	1538	1543	1548	rVB4	282042	504801	9.86%	0.440%
48	11.219	1548	1558	1568	rVB7	402644	1653441	32.29%	1.443%
49	11.310	1568	1573	1576	rBV	227237	421218	8.22%	0.368%
50	11.341	1576	1578	1582	rVB5	91941	116973	2.28%	0.102%
51	11.414	1584	1590	1600	rBV	1845192	3235675	63.18%	2.823%
52	11.517	1600	1607	1610	rBV2	166682	355772	6.95%	0.310%
53	11.554	1610	1613	1617	rVB	214607	288363	5.63%	0.252%
54	11.615	1617	1623	1627	rBV3	496038	1192067	23.28%	1.040%
55	11.664	1628	1631	1636	rVB3	414599	635370	12.41%	0.554%
56	11.767	1643	1648	1651	rBV4	290871	539828	10.54%	0.471%
57	11.810	1651	1655	1660	rVV4	229551	480662	9.39%	0.419%
58	11.865	1660	1664	1667	rVV3	371241	536375	10.47%	0.468%
59	11.932	1667	1675	1681	rBV5	1217754	3132771	61.17%	2.734%
60	11.981	1681	1683	1686	rVV	232089	274800	5.37%	0.240%
61	12.017	1686	1689	1690	rVV2	287593	332898	6.50%	0.290%
62	12.048	1690	1694	1698	rVB	1845299	2543608	49.67%	2.220%
63	12.090	1698	1701	1702	rBV2	121535	128842	2.52%	0.112%
64	12.127	1702	1707	1709	rBV3	1046997	1689097	32.98%	1.474%
65	12.158	1709	1712	1718	rVB	1974860	3094245	60.42%	2.700%
66	12.243	1718	1726	1730	rBV8	530095	1327444	25.92%	1.158%
67	12.304	1730	1736	1747	rVB6	730929	2159714	42.17%	1.885%
68	12.407	1747	1753	1759	rVB4	1830989	3490113	68.15%	3.045%
69	12.499	1759	1768	1772	rBV5	696391	1695819	33.11%	1.480%
70	12.566	1772	1779	1786	rVB3	1643852	3776245	73.73%	3.295%
71	12.651	1786	1793	1799	rBV6	942477	2690260	52.53%	2.348%
72	12.737	1799	1807	1810	rBV3	1026930	2746310	53.62%	2.396%
73	12.853	1820	1826	1833	rBV	2224234	4913282	95.94%	4.287%
74	12.920	1833	1837	1841	rVV	3222408	5121376	100.00%	4.469%
75	12.962	1841	1844	1852	rVB	2062274	3673445	71.73%	3.205%
76	13.090	1861	1865	1871	rBV2	935986	1826149	35.66%	1.594%

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77	13.145	1871	1874	1876	rVV	378216	412543	8.06%	0.360%
78	13.206	1880	1884	1888	rBV3	944042	1487074	29.04%	1.298%
79	13.279	1893	1896	1900	rVV4	724541	1161934	22.69%	1.014%
80	13.346	1903	1907	1912	rVV	1292410	2286276	44.64%	1.995%
81	13.395	1913	1915	1925	rVB3	556328	1134842	22.16%	0.990%
82	13.487	1926	1930	1934	rBV3	808833	1168413	22.81%	1.020%
83	13.663	1954	1959	1964	rBV4	1338455	2489243	48.60%	2.172%
84	13.834	1984	1987	1993	rBV5	459908	1077445	21.04%	0.940%
85	13.889	1993	1996	2000	rVB5	700240	997735	19.48%	0.871%
86	13.999	2009	2014	2018	rBV2	691481	1052834	20.56%	0.919%
87	14.066	2019	2025	2030	rVB4	666843	1389225	27.13%	1.212%
88	14.121	2031	2034	2037	rBV4	238379	341006	6.66%	0.298%
89	14.175	2038	2043	2050	rBV9	1220444	2833392	55.32%	2.472%
90	14.303	2060	2064	2066	rBV3	452738	672021	13.12%	0.586%
91	14.340	2066	2070	2074	rVB3	1021297	1461230	28.53%	1.275%
92	14.535	2099	2102	2106	rBV5	245399	359604	7.02%	0.314%
93	14.602	2108	2113	2116	rVV3	739694	1444456	28.20%	1.260%
94	14.645	2116	2120	2127	rVB2	1632444	2658853	51.92%	2.320%
95	14.761	2137	2139	2142	rBV2	241448	310742	6.07%	0.271%
96	14.858	2152	2155	2159	rVB3	531125	708100	13.83%	0.618%
97	15.120	2194	2198	2204	rBV	1051338	1703772	33.27%	1.487%
98	15.504	2257	2261	2267	rVB3	806100	1459068	28.49%	1.273%
99	16.047	2346	2350	2356	rVB2	419018	701163	13.69%	0.612%
100	16.364	2396	2402	2416	rVB	991155	2599932	50.77%	2.269%

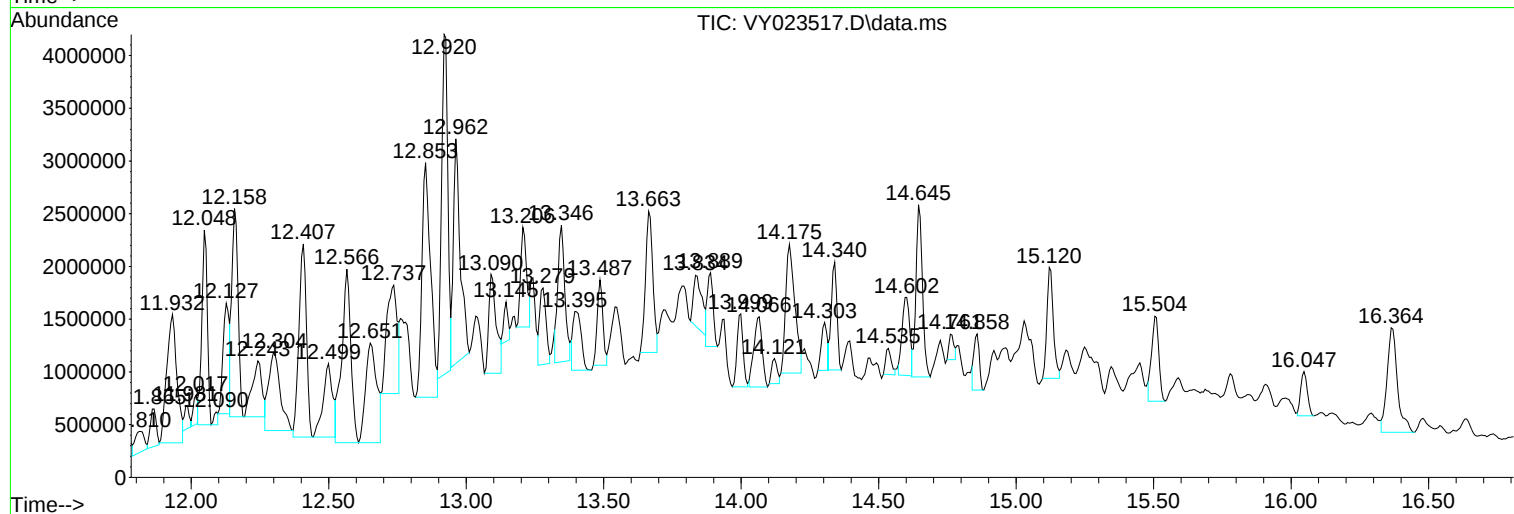
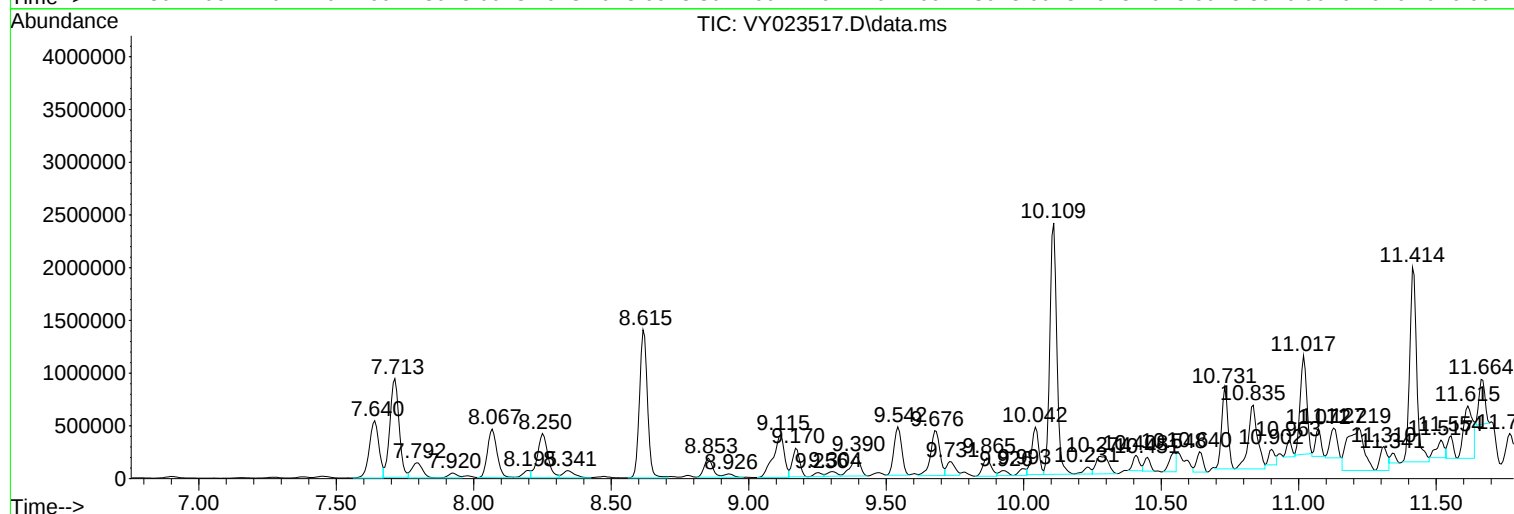
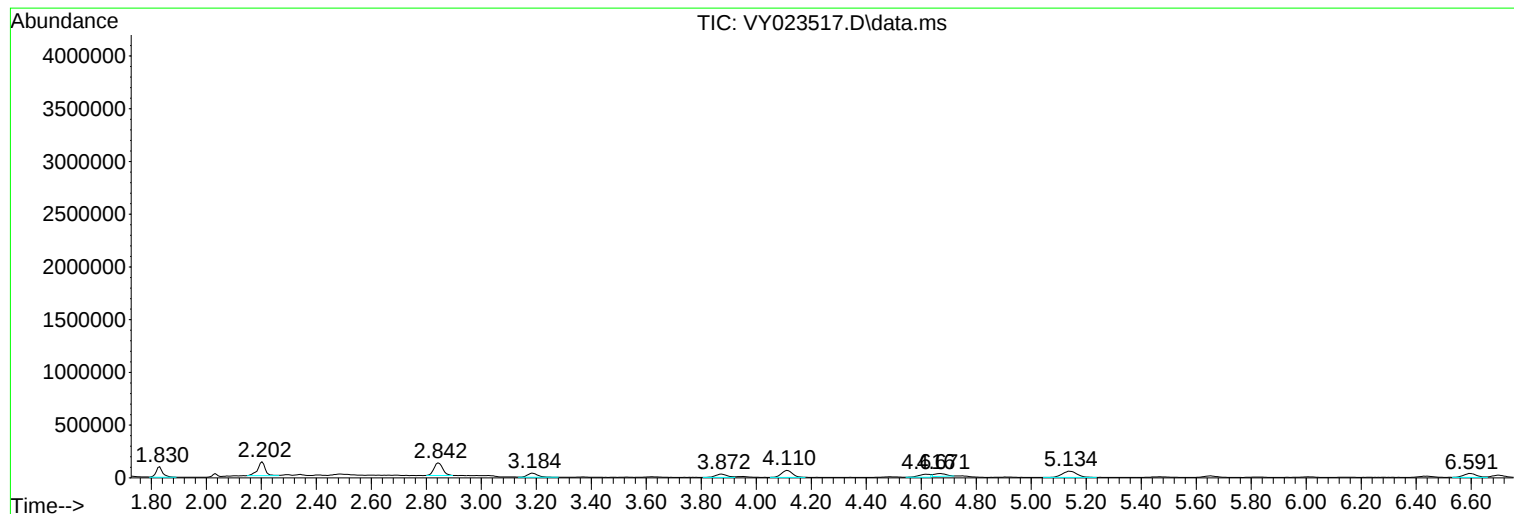
Sum of corrected areas: 114599600

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Instrument :
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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



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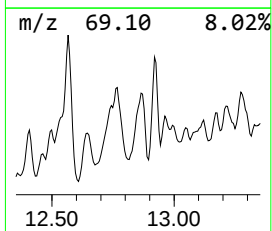
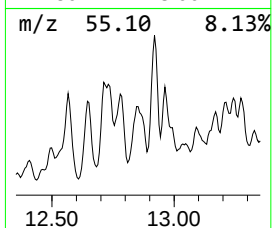
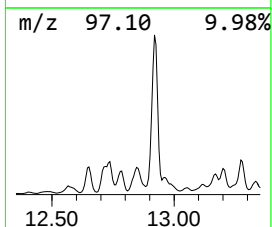
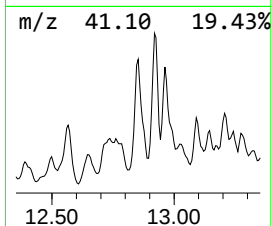
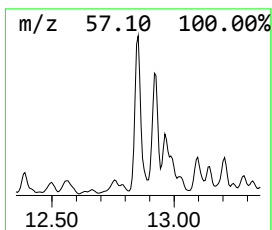
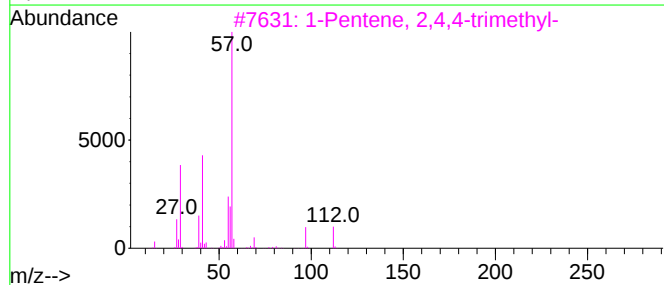
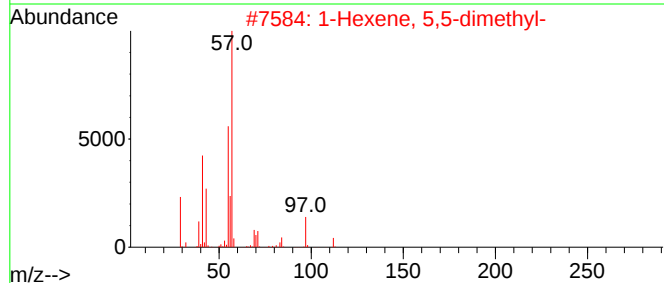
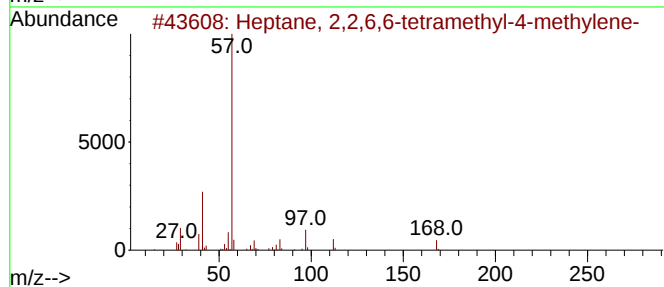
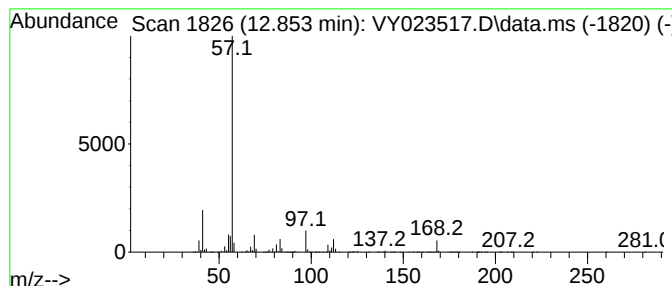
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 4 Heptane, 2,2,6,6-tetramethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.852	107.45 ug/l	4913280	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	87
2			1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	50
3			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	47
4			4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	40
5			Sulfone, 2-hydroxyoctyl t-butyl	250	C12H26O3S	1000161-82-7	40



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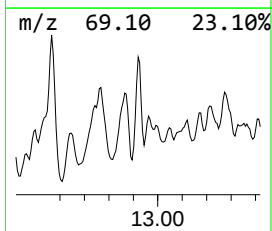
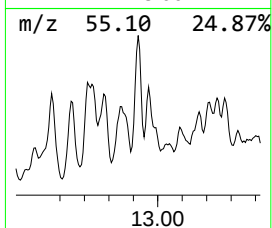
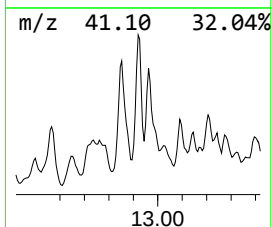
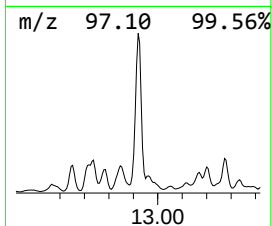
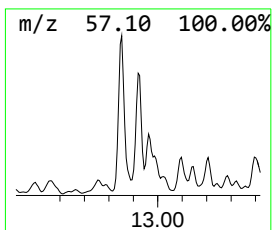
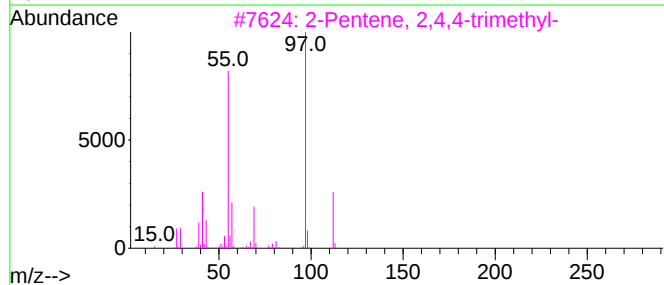
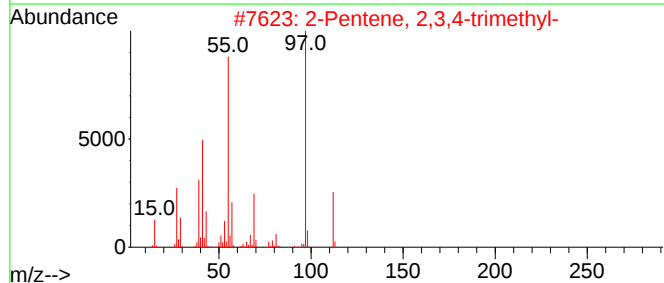
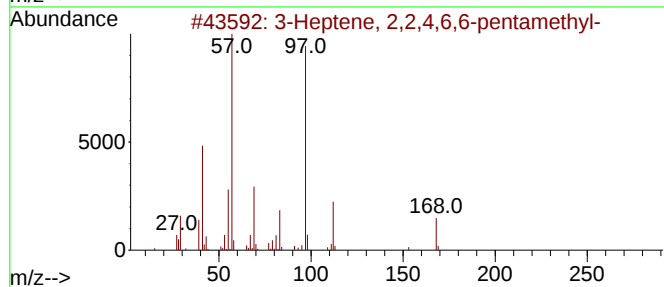
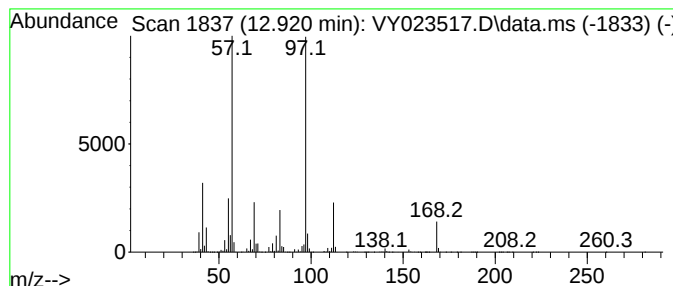
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.920	112.00 ug/l	5121380	1,4-Dichlorobenzene-d4		13.346	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,4,6,6-pentamethyl-		168	C12H24	000123-48-8	95
2	2-Pentene, 2,3,4-trimethyl-		112	C8H16	000565-77-5	58
3	2-Pentene, 2,4,4-trimethyl-		112	C8H16	000107-40-4	52
4	Cyclohexane, 1,3-dimethyl-, cis-		112	C8H16	000638-04-0	52
5	Cyclohexane, 1,3-dimethyl-		112	C8H16	000591-21-9	52



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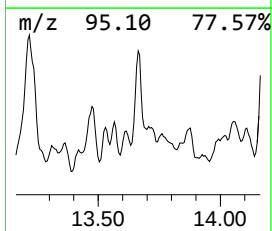
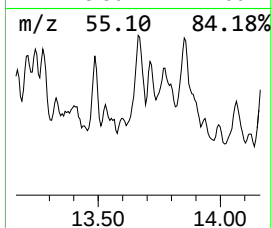
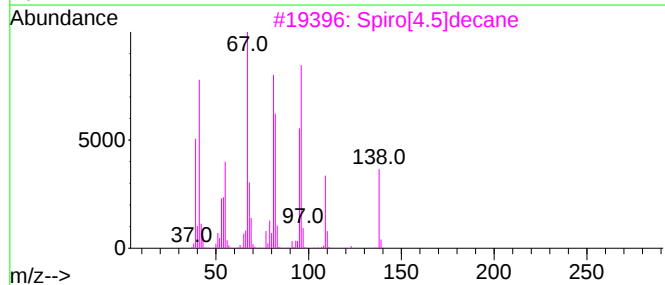
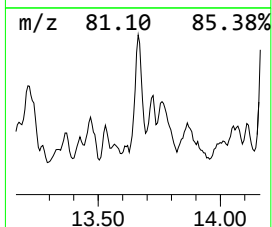
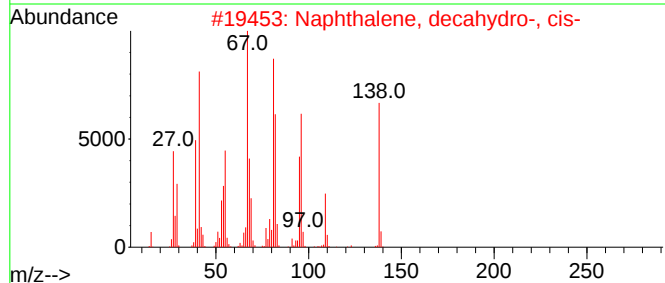
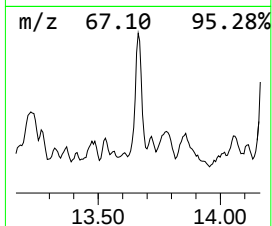
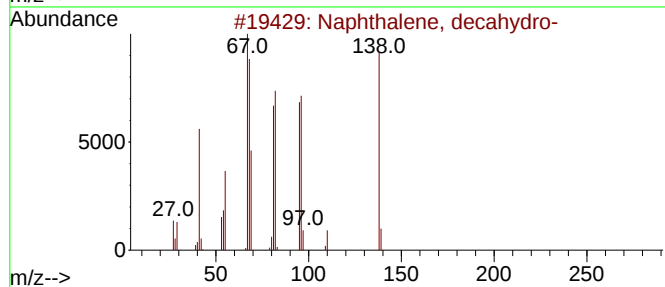
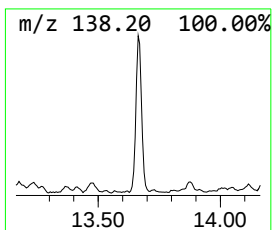
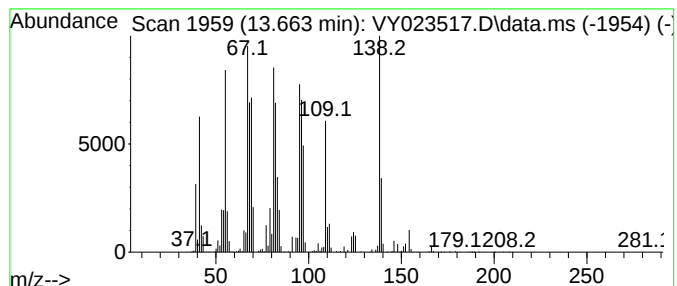
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	54.44 ug/l	2489240	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			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
3			Spiro[4.5]decane	138	C10H18	000176-63-6	74
4			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	70
5			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
Data File : VY023517.D
Acq On : 20 Oct 2025 18:33
Operator : SY/MD
Sample : Q3393-05
Misc : 3.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-000013-20251017

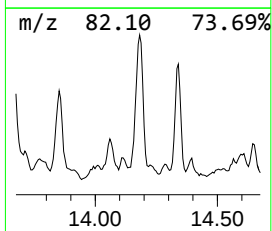
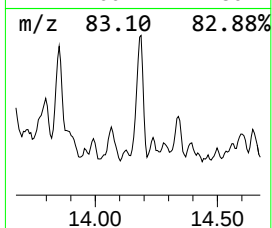
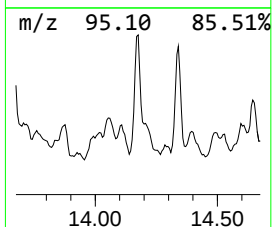
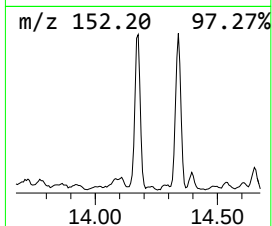
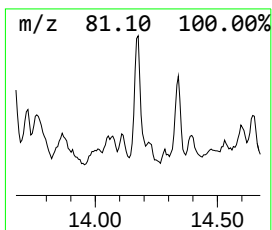
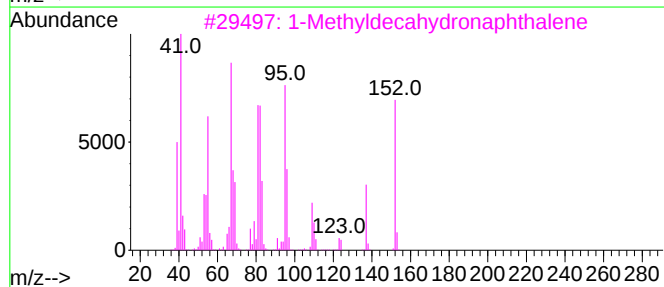
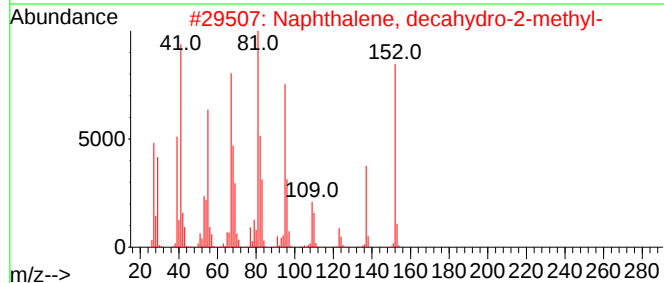
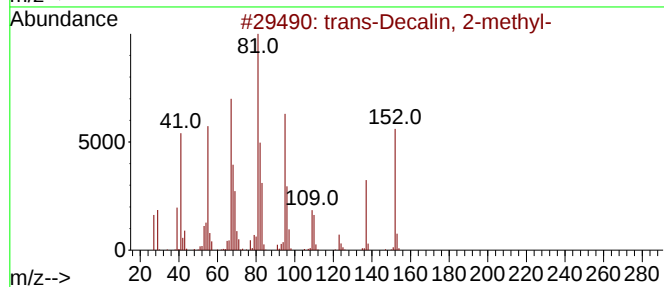
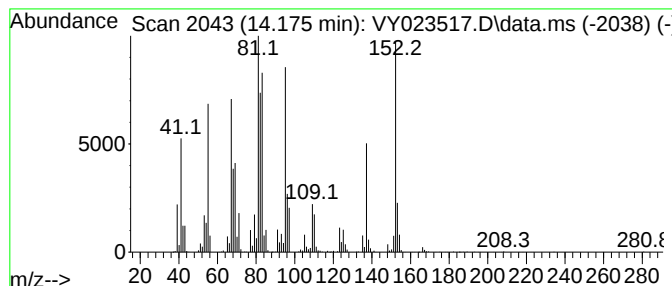
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Quant Title : SW846 8260

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

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	61.97 ug/l	2833390	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	55
4			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	52
5			Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
Data File : VY023517.D
Acq On : 20 Oct 2025 18:33
Operator : SY/MD
Sample : Q3393-05
Misc : 3.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-000013-20251017

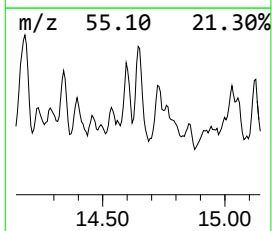
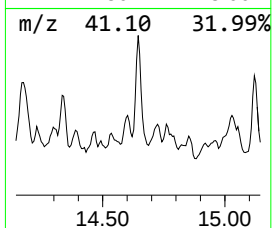
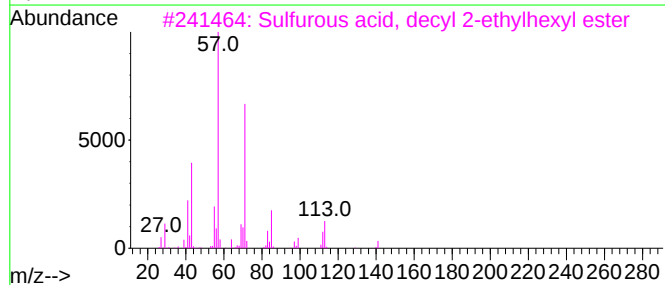
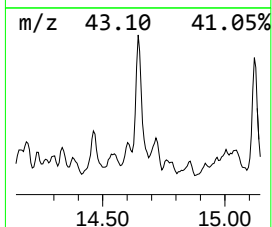
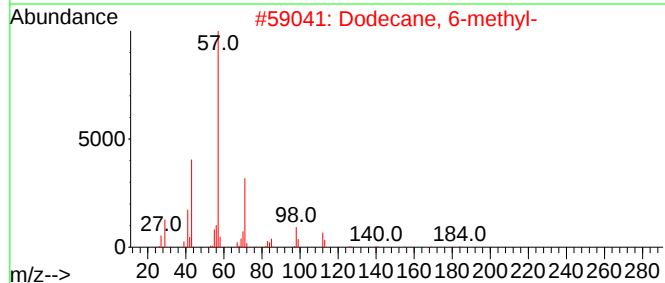
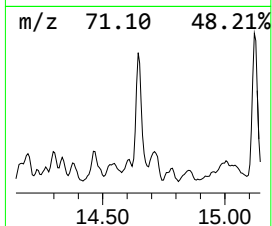
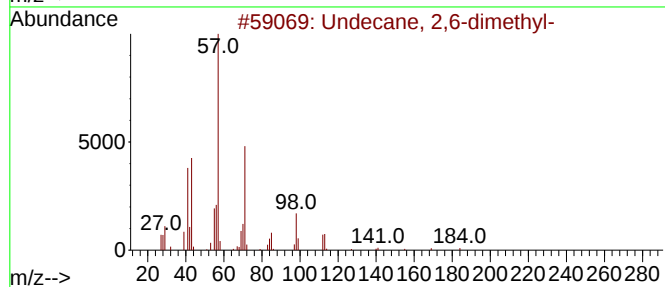
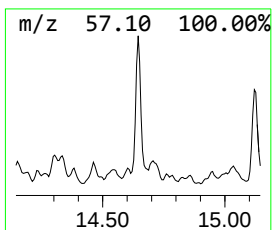
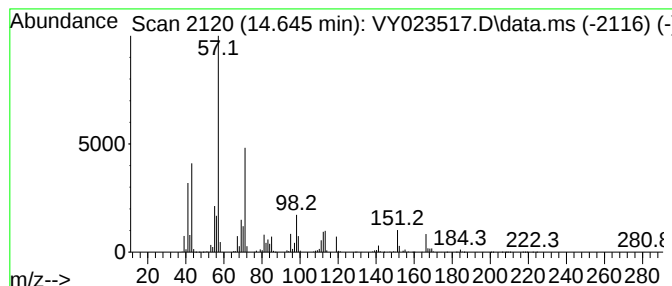
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	58.15 ug/l	2658850	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	60
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
Data File : VY023517.D
Acq On : 20 Oct 2025 18:33
Operator : SY/MD
Sample : Q3393-05
Misc : 3.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-000013-20251017

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
Heptane, 2,2,6,...	12.852	107.5	ug/l	4913280	4	13.346	2286280	50.0
3-Heptene, 2,2,...	12.920	112.0	ug/l	5121380	4	13.346	2286280	50.0
Naphthalene, de...	13.663	54.4	ug/l	2489240	4	13.346	2286280	50.0
trans-Decalin, ...	14.176	62.0	ug/l	2833390	4	13.346	2286280	50.0
Undecane, 2,6-d...	14.645	58.1	ug/l	2658850	4	13.346	2286280	50.0