

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032390.D
 Acq On : 20 Oct 2025 15:40
 Operator : SY/MD
 Sample : Q3376-03
 Misc : 4.57g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-COMP2-20251016

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_W\Method\82W100125S.M
 Title : SW846 8260

Signal : TIC: VW032390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.161	364	373	383	rBV	57355	170089	4.13%	0.288%
2	4.423	406	416	426	rBV	12679	42343	1.03%	0.072%
3	4.947	493	502	519	rBV5	9290	46681	1.13%	0.079%
4	6.898	813	822	832	rBV4	14209	47072	1.14%	0.080%
5	7.197	858	871	881	rBV3	29690	105223	2.56%	0.178%
6	7.898	975	986	991	rBV	228559	552310	13.42%	0.935%
7	7.959	991	996	1004	rVV	323451	757038	18.39%	1.282%
8	8.044	1004	1010	1020	rVB2	49145	126669	3.08%	0.215%
9	8.319	1047	1055	1067	rVB	243338	559051	13.58%	0.947%
10	8.441	1067	1075	1077	rBV4	35085	77182	1.88%	0.131%
11	8.490	1077	1083	1093	rVV	88567	281521	6.84%	0.477%
12	8.587	1093	1099	1111	rVB4	37830	92361	2.24%	0.156%
13	8.849	1134	1142	1152	rBV	574982	1178238	28.63%	1.996%
14	9.081	1173	1180	1187	rBV	60931	136673	3.32%	0.231%
15	9.154	1187	1192	1202	rVB	20842	46957	1.14%	0.080%
16	9.337	1210	1222	1227	rBV4	307261	899543	21.85%	1.524%
17	9.392	1227	1231	1239	rVB	147972	288925	7.02%	0.489%
18	9.611	1257	1267	1275	rBV2	163148	392764	9.54%	0.665%
19	9.758	1284	1291	1300	rBV2	177193	373458	9.07%	0.633%
20	9.898	1308	1314	1319	rBV2	124394	253410	6.16%	0.429%
21	9.947	1319	1322	1328	rVB2	61261	101999	2.48%	0.173%
22	10.081	1338	1344	1349	rBV	116434	239207	5.81%	0.405%
23	10.215	1361	1366	1368	rBV3	65247	118807	2.89%	0.201%
24	10.251	1368	1372	1377	rVB2	154221	271792	6.60%	0.460%
25	10.325	1377	1384	1397	rBV	1251152	2363754	57.43%	4.004%
26	10.446	1400	1404	1407	rBV2	47224	74044	1.80%	0.125%
27	10.501	1407	1413	1422	rVB5	146237	417149	10.13%	0.707%
28	10.623	1424	1433	1436	rBV	159343	331738	8.06%	0.562%
29	10.666	1436	1440	1447	rVB	144018	265174	6.44%	0.449%
30	10.764	1450	1456	1461	rBV4	177735	411374	9.99%	0.697%
31	10.849	1466	1470	1475	rVB2	127052	204174	4.96%	0.346%
32	10.934	1475	1484	1491	rBV	520672	988993	24.03%	1.675%
33	11.038	1494	1501	1509	rBV	402867	924467	22.46%	1.566%
34	11.111	1509	1513	1516	rBV	155227	245344	5.96%	0.416%
35	11.178	1520	1524	1527	rBV	171253	233346	5.67%	0.395%
36	11.227	1527	1532	1538	rVB	609087	1068693	25.96%	1.810%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032390.D
 Acq On : 20 Oct 2025 15:40
 Operator : SY/MD
 Sample : Q3376-03
 Misc : 4.57g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-COMP2-20251016

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_W\Method\82W100125S.M
 Title : SW846 8260

37	11.288	1538	1542	1545	rBV2	155425	230402	5.60%	0.390%
38	11.337	1545	1550	1553	rBV5	252308	445237	10.82%	0.754%
39	11.434	1563	1566	1575	rVB3	290309	613215	14.90%	1.039%
40	11.629	1592	1598	1607	rVB	851921	1541058	37.44%	2.610%
41	11.763	1616	1620	1624	rBV	153363	221015	5.37%	0.374%
42	11.818	1624	1629	1633	rBV2	299923	562852	13.67%	0.953%
43	11.873	1633	1638	1642	rBV2	411056	749047	18.20%	1.269%
44	11.971	1649	1654	1657	rBV2	249771	457965	11.13%	0.776%
45	12.062	1666	1669	1673	rVB2	225632	335537	8.15%	0.568%
46	12.135	1673	1681	1687	rBV4	827508	2100841	51.04%	3.558%
47	12.251	1692	1700	1704	rVB	1185022	2333221	56.69%	3.952%
48	12.361	1704	1718	1725	rBV4	1253110	4116098	100.00%	6.972%
49	12.446	1729	1732	1737	rVB4	241052	381390	9.27%	0.646%
50	12.562	1748	1751	1753	rBV2	108270	151693	3.69%	0.257%
51	12.617	1753	1760	1765	rVB4	1106507	2183577	53.05%	3.699%
52	12.696	1766	1773	1777	rBV7	366134	822656	19.99%	1.393%
53	12.775	1782	1786	1792	rVB3	872222	1606562	39.03%	2.721%
54	12.855	1792	1799	1805	rBV6	643226	1778149	43.20%	3.012%
55	12.940	1806	1813	1826	rVB10	673359	2910383	70.71%	4.930%
56	13.056	1826	1832	1838	rBV	942844	2364665	57.45%	4.005%
57	13.123	1838	1843	1846	rVV	1470939	2291276	55.67%	3.881%
58	13.159	1846	1849	1862	rVB5	749869	2023848	49.17%	3.428%
59	13.287	1867	1870	1874	rVV2	439855	590200	14.34%	1.000%
60	13.556	1910	1914	1922	rVB	895791	1741515	42.31%	2.950%
61	13.696	1932	1937	1940	rBV3	547484	962116	23.37%	1.630%
62	13.873	1961	1966	1971	rBV4	849368	1632550	39.66%	2.765%
63	13.976	1979	1983	1986	rBV5	358311	647946	15.74%	1.097%
64	14.190	2014	2018	2022	rBV4	433868	704766	17.12%	1.194%
65	14.257	2025	2029	2035	rVB5	539842	976645	23.73%	1.654%
66	14.379	2045	2049	2053	rBV2	862457	1206506	29.31%	2.044%
67	14.787	2114	2116	2119	rBV4	271648	383626	9.32%	0.650%
68	14.830	2120	2123	2130	rVB2	1021185	2004864	48.71%	3.396%
69	15.318	2199	2203	2210	rVB	1041615	1726396	41.94%	2.924%
70	16.275	2355	2360	2368	rVB2	718165	1553784	37.75%	2.632%

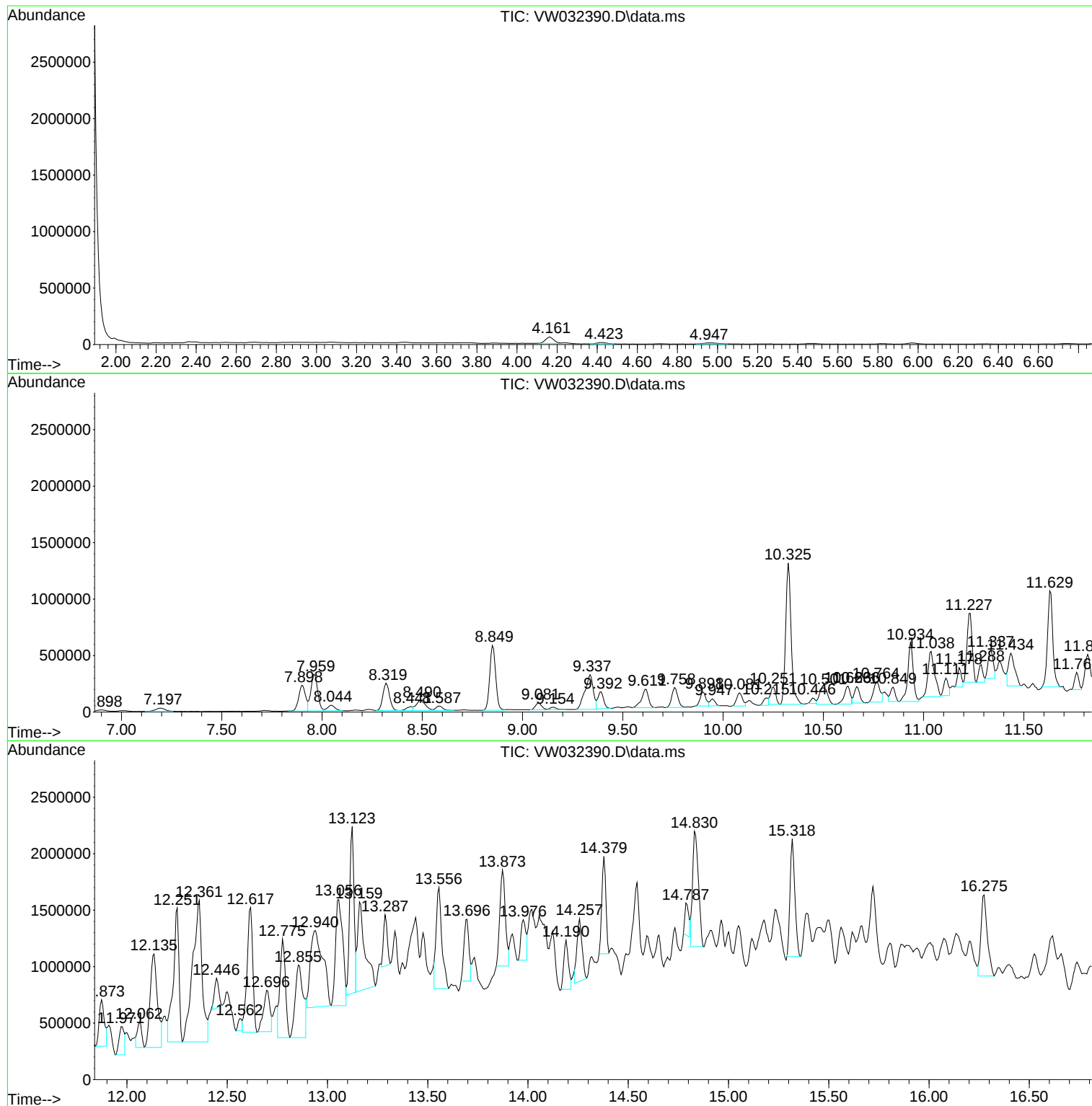
Sum of corrected areas: 59039164

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032390.D
Acq On : 20 Oct 2025 15:40
Operator : SY/MD
Sample : Q3376-03
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-COMP2-20251016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032390.D
Acq On : 20 Oct 2025 15:40
Operator : SY/MD
Sample : Q3376-03
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-COMP2-20251016

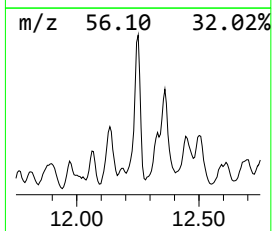
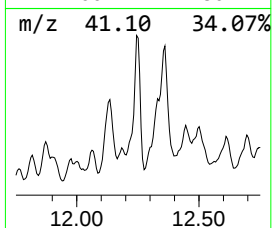
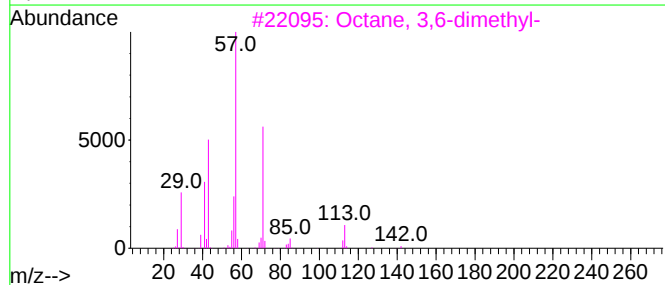
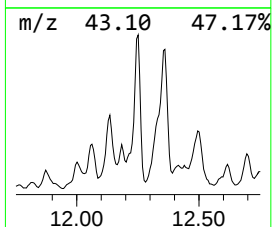
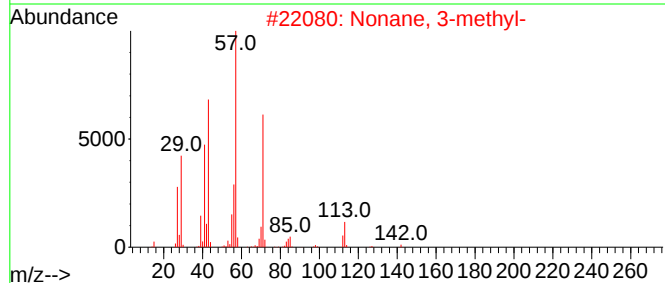
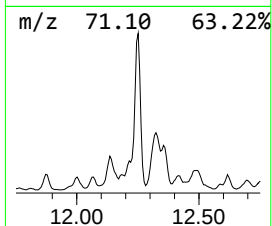
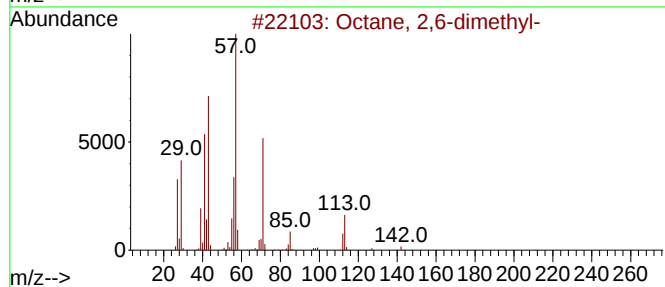
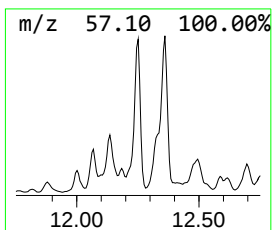
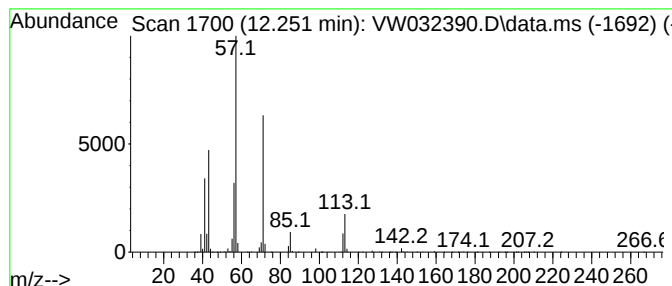
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	75.70 ug/l	2333220	Chlorobenzene-d5	11.635

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
4		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032390.D
Acq On : 20 Oct 2025 15:40
Operator : SY/MD
Sample : Q3376-03
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

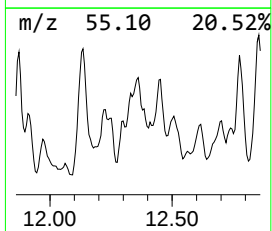
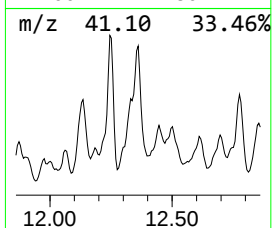
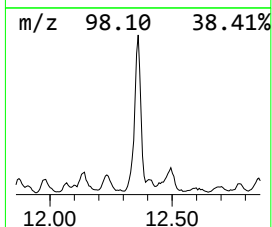
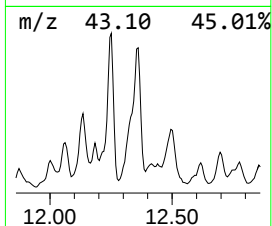
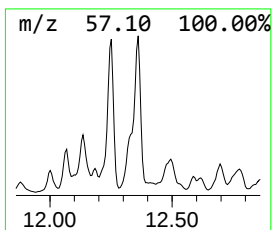
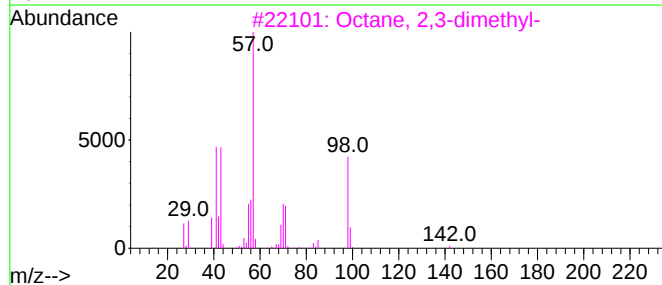
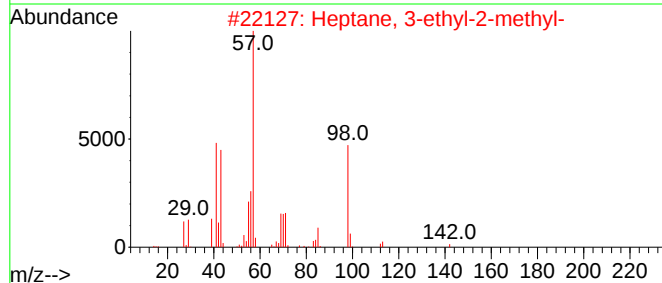
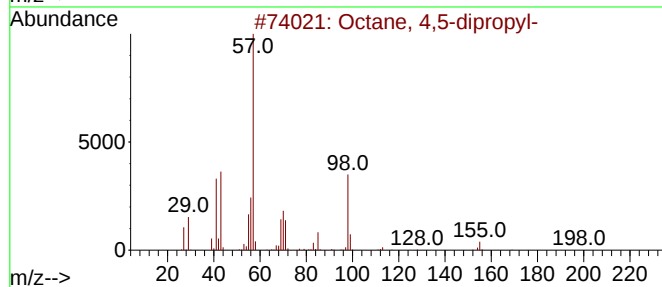
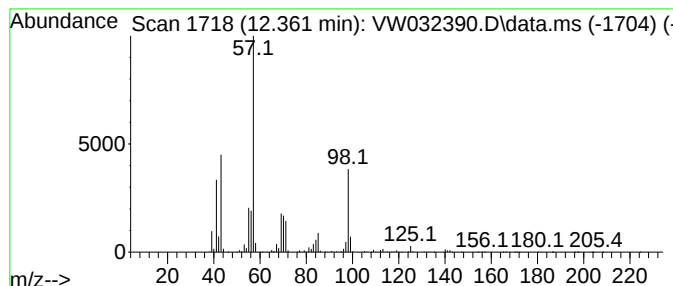
Instrument :
MSVOA_W
ClientSampleId :
PR132-COMP2-20251016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 3 Octane, 4,5-dipropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.361	133.55 ug/l	4116100	Chlorobenzene-d5		11.635	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-		198	C14H30	020905-05-9	90
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	87
3	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	64
4	Carbonic acid, heptyl vinyl ester		186	C10H18O3	1010383-25-4	64
5	Heptane, 3-ethyl-		128	C9H20	015869-80-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032390.D
Acq On : 20 Oct 2025 15:40
Operator : SY/MD
Sample : Q3376-03
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-COMP2-20251016

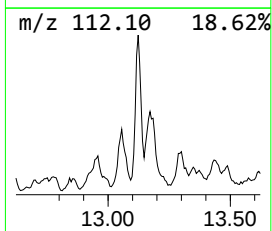
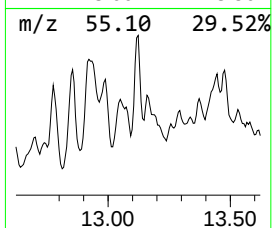
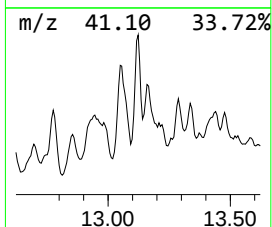
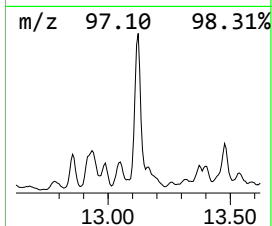
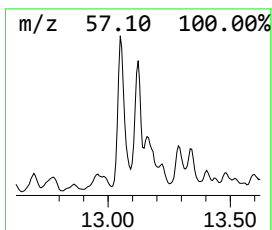
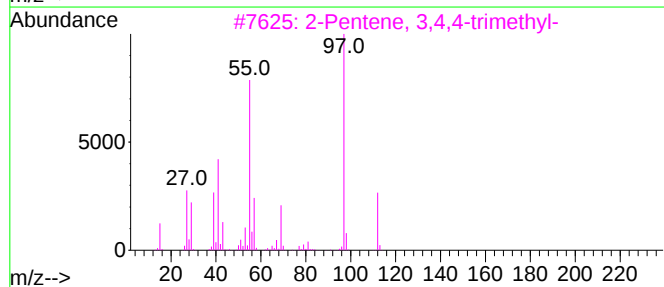
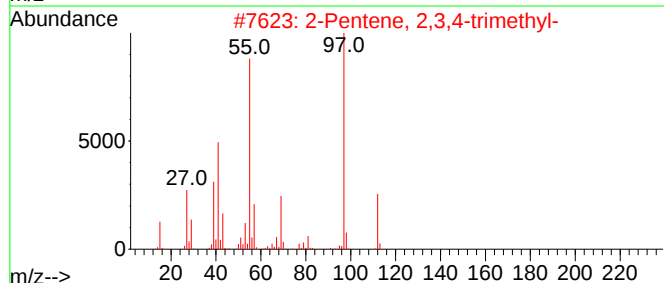
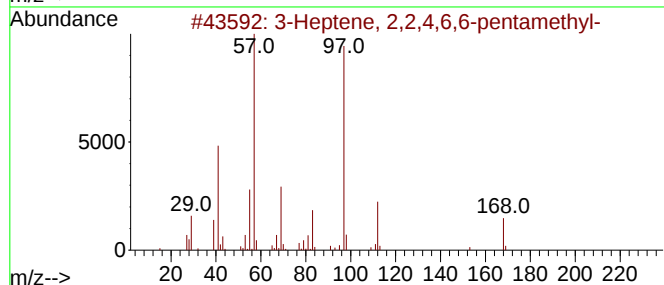
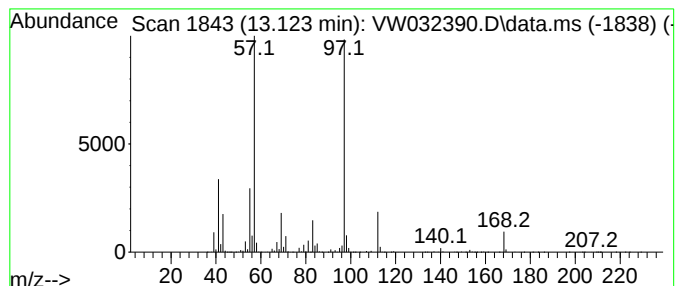
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 7 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	65.78 ug/l	2291280	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	87
2			2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	64
3			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	64
4			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032390.D
Acq On : 20 Oct 2025 15:40
Operator : SY/MD
Sample : Q3376-03
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-COMP2-20251016

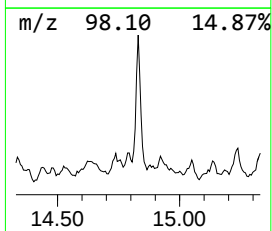
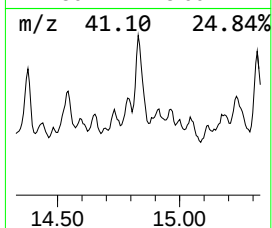
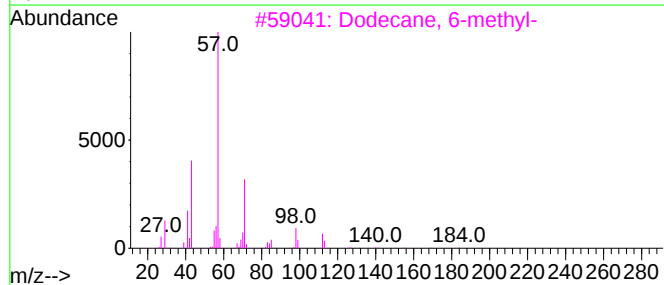
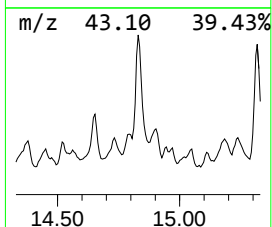
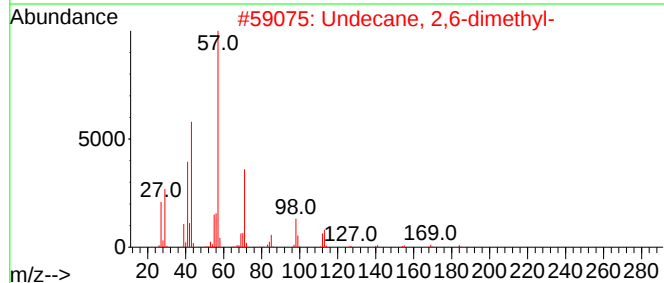
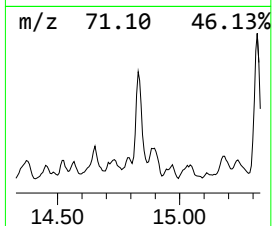
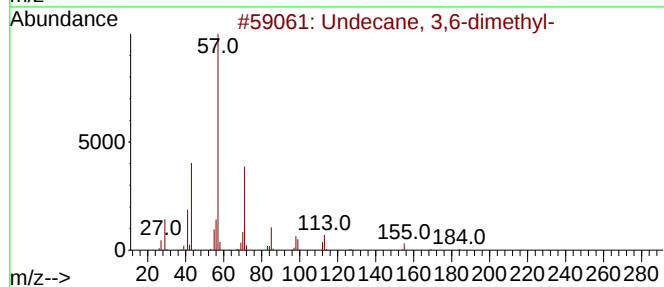
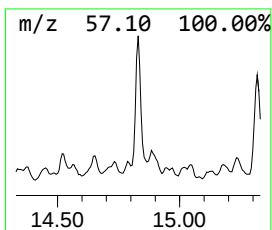
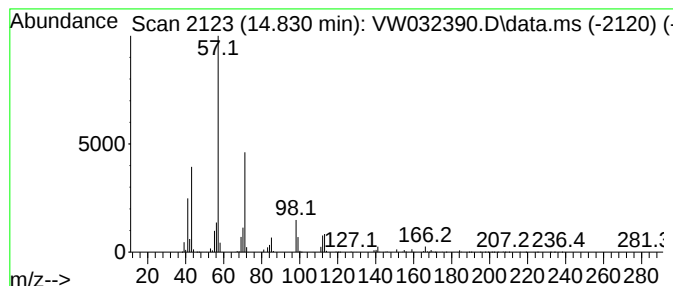
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	57.56 ug/l	2004860	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	81
4			5-Ethyldecane	170	C12H26	017302-36-2	78
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032390.D
Acq On : 20 Oct 2025 15:40
Operator : SY/MD
Sample : Q3376-03
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-COMP2-20251016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.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
Octane, 2,6-dim...	12.251	75.7	ug/l	2333220	3	11.635	1541060	50.0
Octane, 4,5-dip...	12.361	133.6	ug/l	4116100	3	11.635	1541060	50.0
3-Heptene, 2,2,...	13.123	65.8	ug/l	2291280	4	13.556	1741520	50.0
Undecane, 3,6-d...	14.830	57.6	ug/l	2004860	4	13.556	1741520	50.0