

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032389.D
 Acq On : 20 Oct 2025 15:18
 Operator : SY/MD
 Sample : Q3376-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-DP01-20251016

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: VW032389.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	393	rVB	60430	201869	4.25%	0.594%
2	4.429	406	417	429	rVB	16093	52375	1.10%	0.154%
3	7.197	861	871	879	rBV3	25247	77417	1.63%	0.228%
4	7.898	977	986	991	rBV	213321	509565	10.72%	1.499%
5	7.965	991	997	1005	rVV	307386	720789	15.17%	2.121%
6	8.319	1048	1055	1067	rVB	223390	502326	10.57%	1.478%
7	8.490	1081	1083	1093	rVB5	25293	60288	1.27%	0.177%
8	8.849	1135	1142	1154	rBV	560952	1135905	23.91%	3.342%
9	9.337	1213	1222	1227	rBV3	161283	393876	8.29%	1.159%
10	9.611	1265	1267	1272	rVB	51988	76917	1.62%	0.226%
11	9.758	1286	1291	1298	rBV2	72787	150234	3.16%	0.442%
12	9.898	1310	1314	1318	rBV2	65765	118962	2.50%	0.350%
13	10.325	1378	1384	1396	rBV	1063711	2039343	42.92%	6.000%
14	10.666	1437	1440	1450	rVB2	78207	134726	2.84%	0.396%
15	10.934	1480	1484	1489	rVB	180518	288738	6.08%	0.850%
16	11.038	1497	1501	1509	rVB	144035	283482	5.97%	0.834%
17	11.178	1521	1524	1528	rBV	104498	137743	2.90%	0.405%
18	11.233	1528	1533	1538	rBV	294760	481363	10.13%	1.416%
19	11.337	1547	1550	1554	rBV3	132442	189809	3.99%	0.558%
20	11.629	1593	1598	1606	rVB	830918	1466634	30.87%	4.315%
21	11.873	1633	1638	1642	rBV	296426	577499	12.15%	1.699%
22	12.135	1676	1681	1687	rBV3	355897	745276	15.68%	2.193%
23	12.251	1696	1700	1705	rVB	583212	874720	18.41%	2.574%
24	12.617	1748	1760	1771	rBV3	1536725	4751732	100.00%	13.981%
25	12.775	1783	1786	1792	rVB2	387598	618614	13.02%	1.820%
26	12.940	1807	1813	1818	rBV6	431880	1048778	22.07%	3.086%
27	13.123	1839	1843	1846	rBV3	449909	712944	15.00%	2.098%
28	13.159	1846	1849	1855	rVB	486155	805214	16.95%	2.369%
29	13.287	1867	1870	1875	rVB2	301032	415575	8.75%	1.223%
30	13.556	1910	1914	1923	rVB	1046242	2104135	44.28%	6.191%
31	13.702	1933	1938	1939	rBV3	431599	718969	15.13%	2.115%
32	13.873	1961	1966	1970	rBV4	676163	1311792	27.61%	3.860%
33	13.976	1980	1983	1986	rBV3	205937	308652	6.50%	0.908%
34	14.190	2014	2018	2023	rBV5	283133	508270	10.70%	1.496%
35	14.257	2026	2029	2035	rVB5	336230	576911	12.14%	1.697%
36	14.379	2045	2049	2053	rBV3	591046	889091	18.71%	2.616%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M

Title : SW846 8260

37	14.543	2072	2076	2081	rVB6	425151	715957	15.07%	2.107%
38	14.787	2112	2116	2120	rBV4	415237	780502	16.43%	2.297%
39	14.836	2120	2124	2130	rVB3	788128	1542526	32.46%	4.539%
40	15.318	2198	2203	2209	rBV	1143410	1906384	40.12%	5.609%
41	15.622	2250	2253	2255	rBV3	150793	229114	4.82%	0.674%
42	15.720	2265	2269	2277	rVB5	536617	1061554	22.34%	3.123%
43	16.275	2355	2360	2368	rVB	897043	1759911	37.04%	5.178%

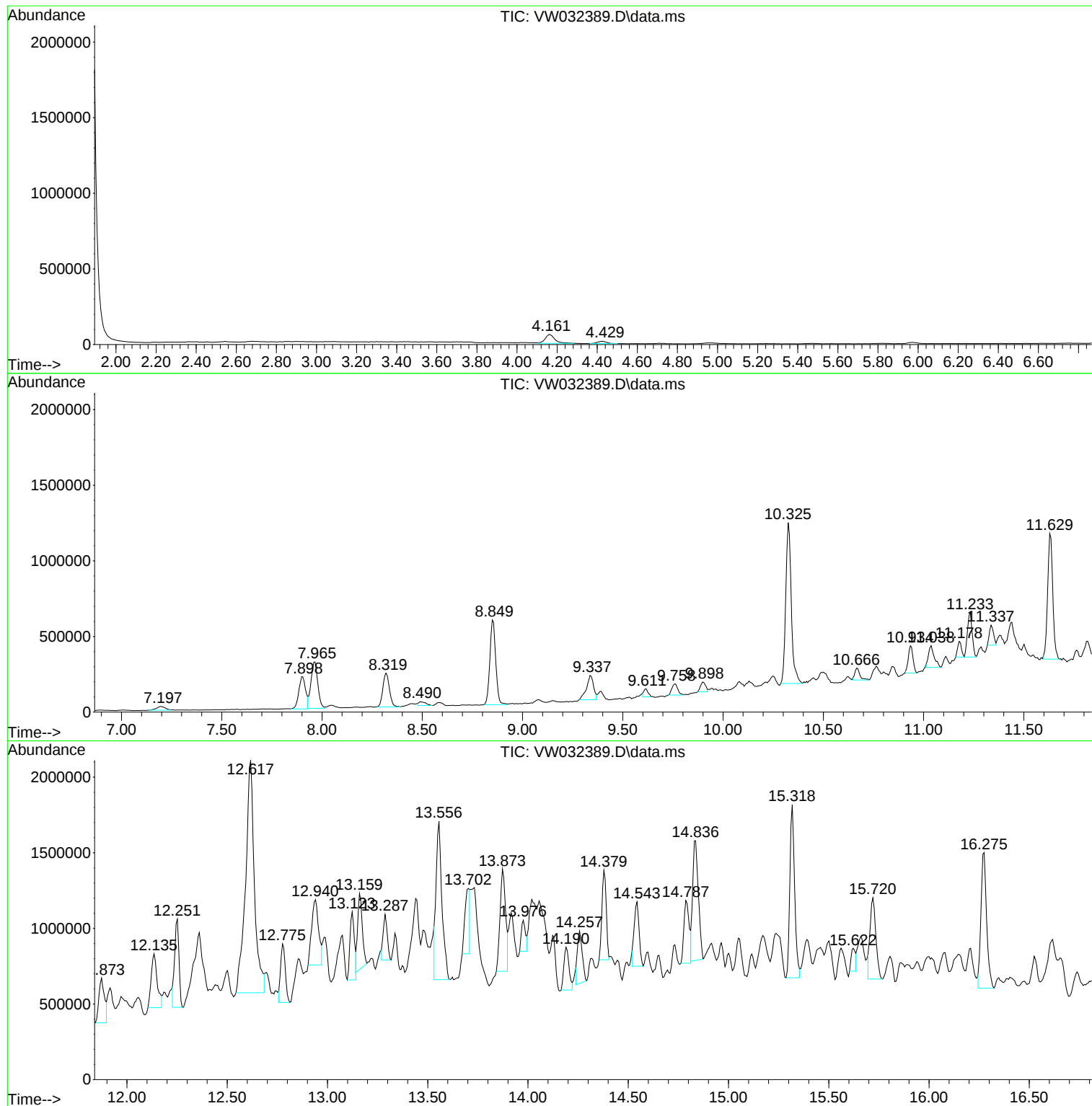
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Quant Title : SW846 8260

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



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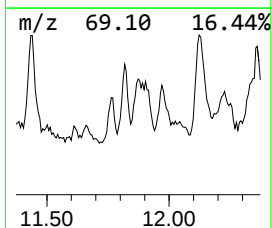
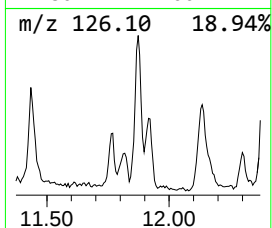
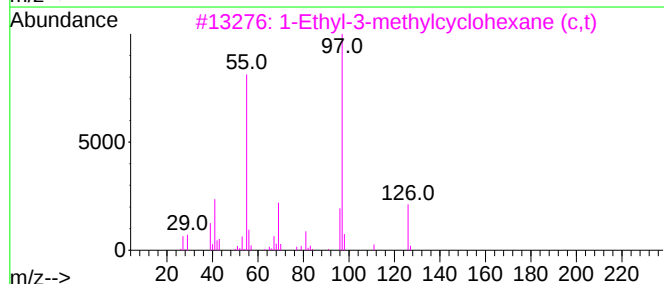
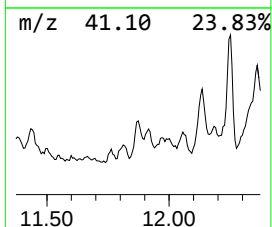
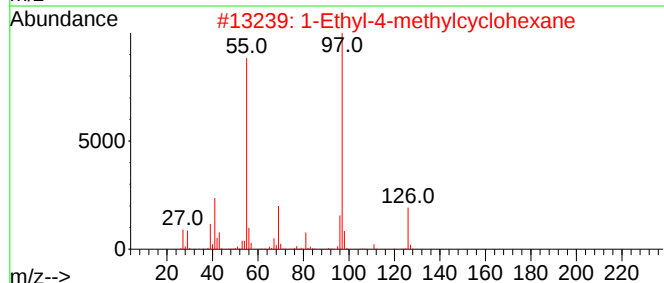
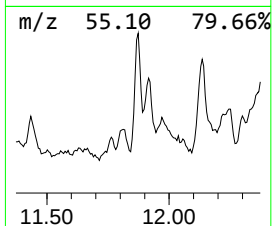
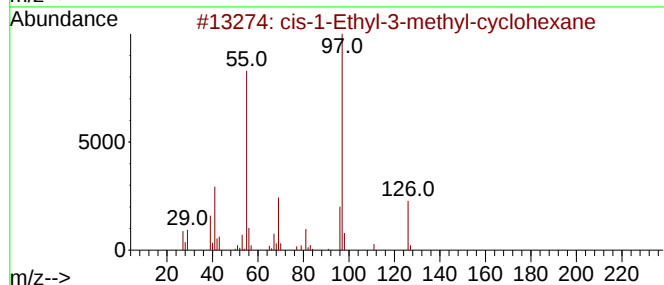
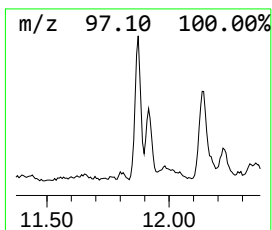
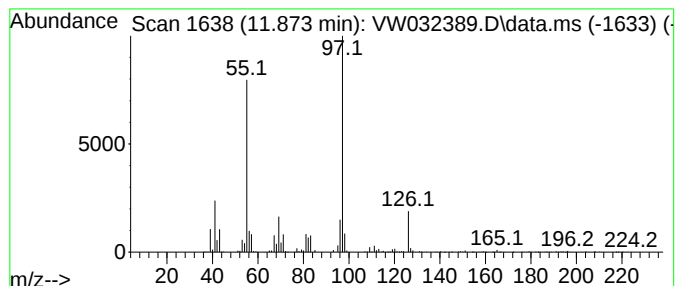
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 1 cis-1-Ethyl-3-methyl-cyclohexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	19.69 ug/l	577499	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	95
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	94
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	94
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	74



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Instrument :
MSVOA_W
ClientSampleId :
PR132-DP01-20251016

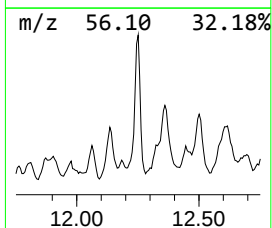
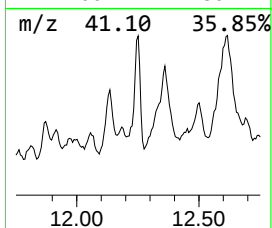
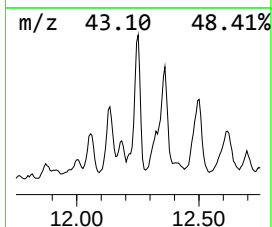
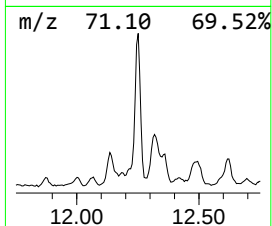
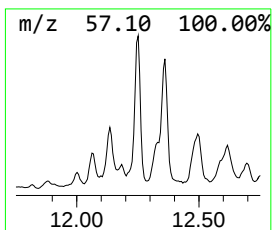
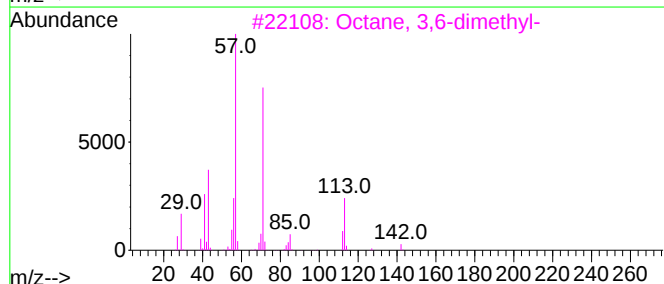
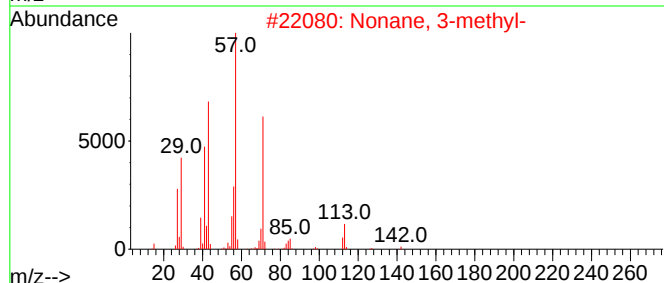
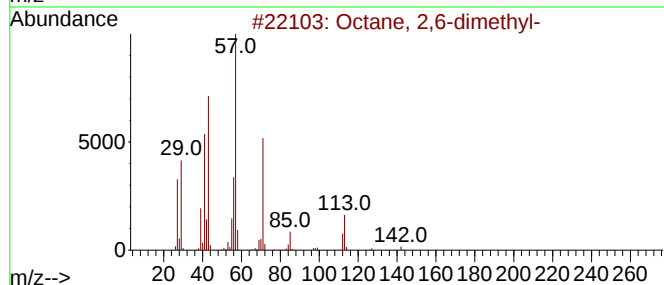
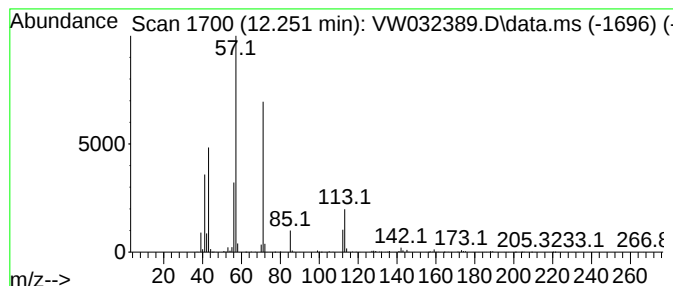
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	29.82 ug/l	874720	Chlorobenzene-d5	11.629

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	91
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-DP01-20251016

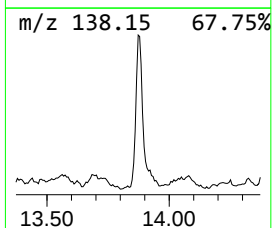
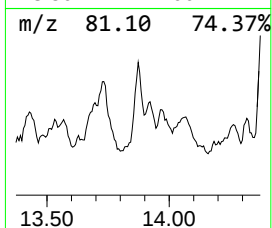
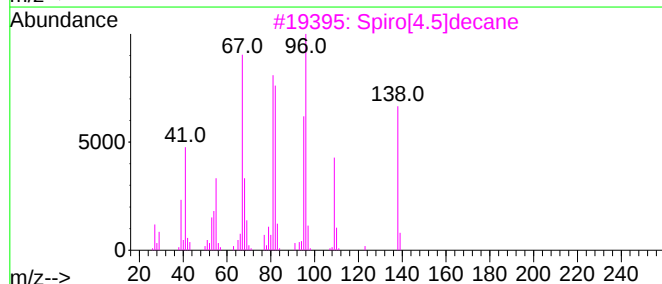
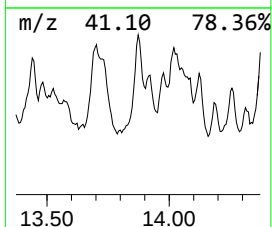
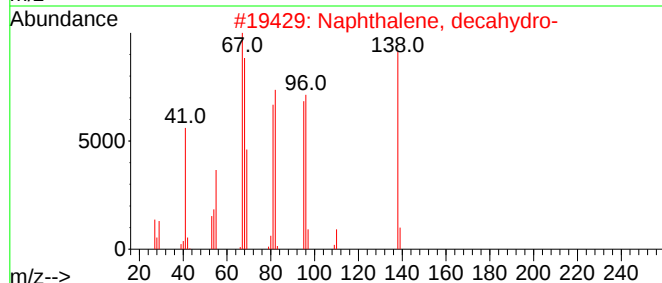
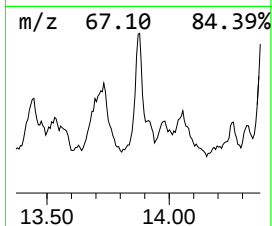
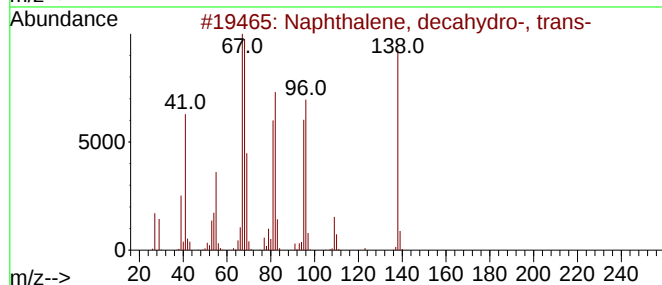
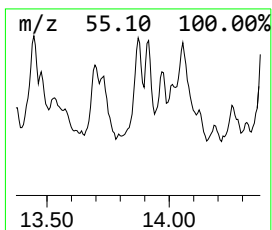
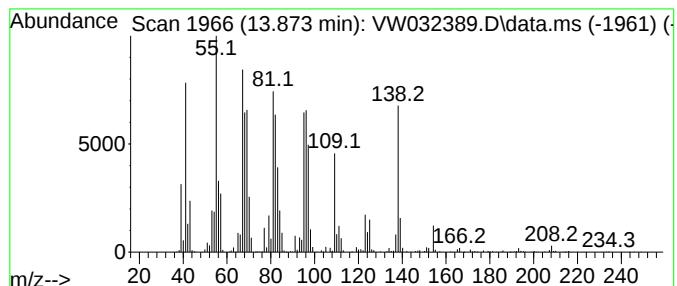
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	31.17 ug/l	1311790	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3			Spiro[4.5]decane	138	C10H18	000176-63-6	76
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
5			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	62



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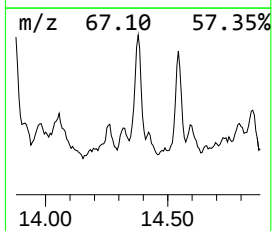
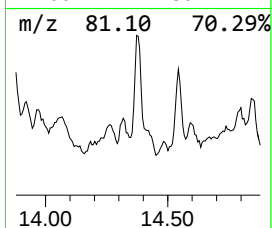
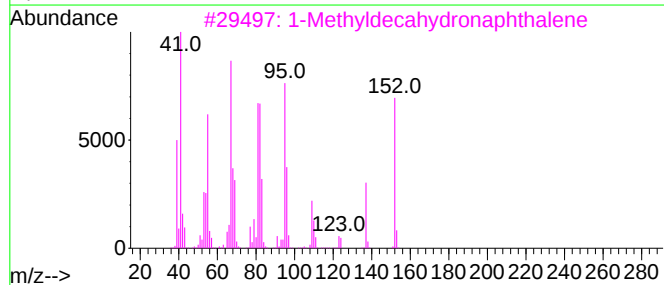
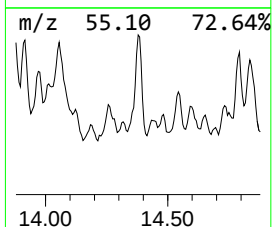
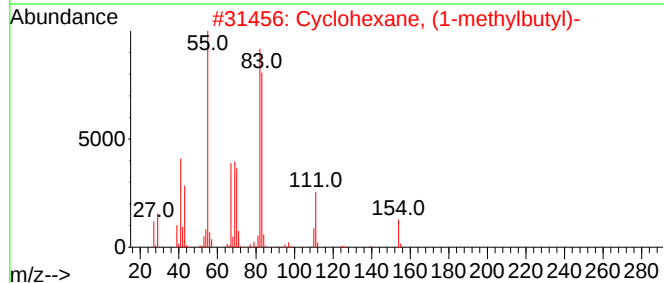
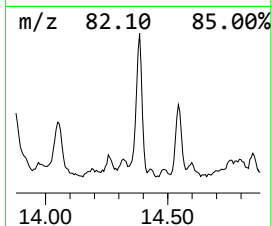
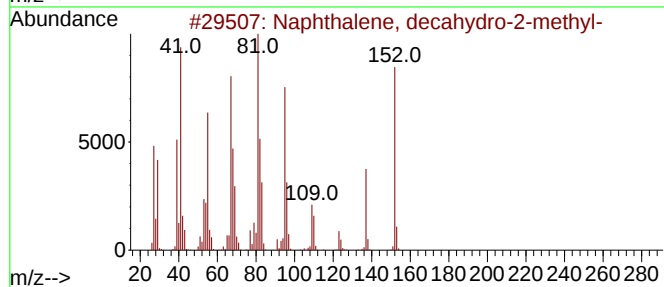
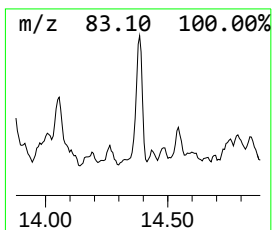
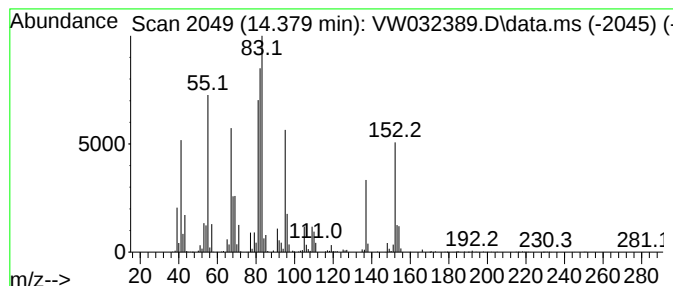
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	21.13 ug/l	889091	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	43
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	43
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	41



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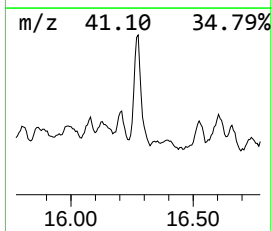
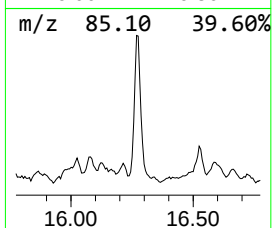
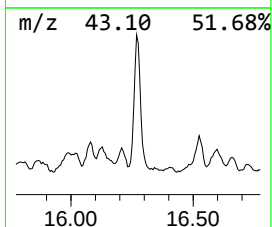
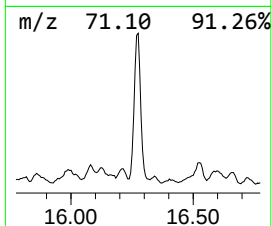
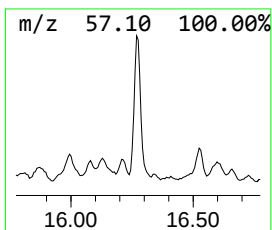
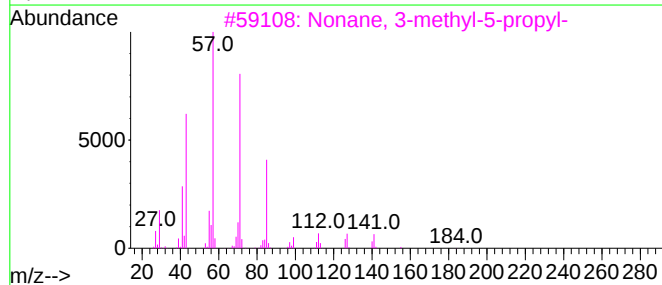
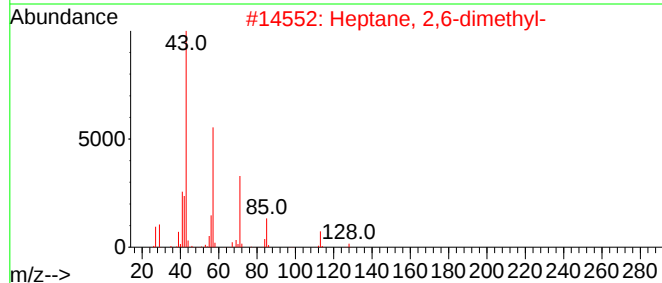
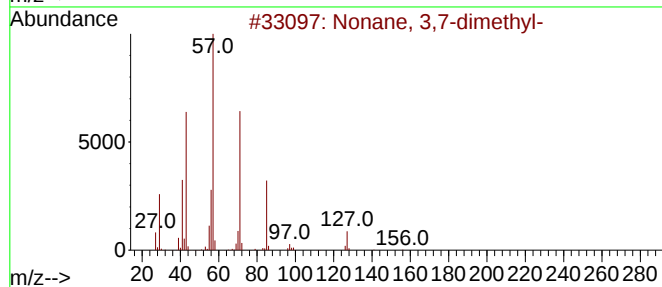
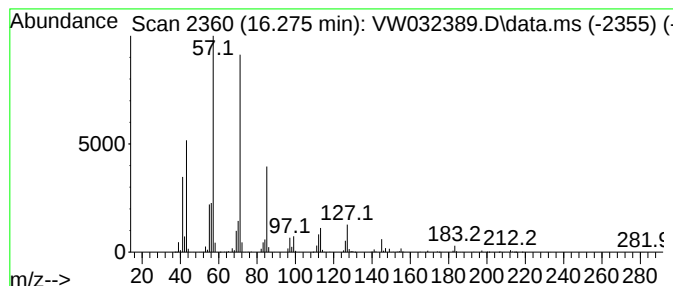
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 10 Nonane, 3,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	41.82 ug/l	1759910	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	91
2			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5			Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032389.D
Acq On : 20 Oct 2025 15:18
Operator : SY/MD
Sample : Q3376-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-DP01-20251016

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
cis-1-Ethyl-3-m...	11.873	19.7	ug/l	577499	3	11.629	1466630	50.0
Octane, 2,6-dim...	12.251	29.8	ug/l	874720	3	11.629	1466630	50.0
Naphthalene, de...	13.873	31.2	ug/l	1311790	4	13.556	2104140	50.0
Naphthalene, de...	14.379	21.1	ug/l	889091	4	13.556	2104140	50.0
Nonane, 3,7-dim...	16.275	41.8	ug/l	1759910	4	13.556	2104140	50.0