

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031777.D
 Acq On : 09 Jul 2025 15:40
 Operator : SY/MD
 Sample : Q2480-07
 Misc : 8.69g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GPX7

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\82W063025S.M
 Title : SW846 8260

Signal : TIC: VW031777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	185	195	214	rBV	564169	1677103	2.57%	0.187%
2	3.442	245	255	278	rVB	506528	1523940	2.34%	0.170%
3	5.002	488	511	550	rVB	2472477	13155891	20.17%	1.465%
4	5.472	571	588	625	rBV	1878030	7539089	11.56%	0.840%
5	5.972	656	670	687	rBV2	2427556	7658269	11.74%	0.853%
6	6.319	719	727	739	rVB	669591	2082659	3.19%	0.232%
7	6.752	788	798	812	rBV2	480871	1655494	2.54%	0.184%
8	6.905	812	823	831	rVV	764673	2609395	4.00%	0.291%
9	7.008	831	840	862	rVB	3984260	13600429	20.86%	1.515%
10	7.715	949	956	964	rVV2	1041727	2748163	4.21%	0.306%
11	7.947	976	994	1005	rVV3	6097572	23593391	36.18%	2.628%
12	8.051	1005	1011	1022	rVB	3388850	9555024	14.65%	1.064%
13	8.173	1022	1031	1039	rBV	8126343	19527527	29.94%	2.175%
14	8.240	1039	1042	1051	rVB	712326	1480151	2.27%	0.165%
15	8.453	1068	1077	1082	rBV3	3866817	11324858	17.37%	1.262%
16	8.520	1083	1088	1094	rVB3	3567773	8248311	12.65%	0.919%
17	8.587	1094	1099	1109	rVB	3543461	8865374	13.59%	0.988%
18	8.703	1109	1118	1131	rVB2	6781973	15246861	23.38%	1.698%
19	8.849	1131	1142	1147	rBV3	4445218	11655234	17.87%	1.298%
20	9.008	1163	1168	1173	rVB	747468	1371992	2.10%	0.153%
21	9.081	1173	1180	1184	rBV	1932600	4133293	6.34%	0.460%
22	9.130	1184	1188	1207	rVB2	1909415	4795289	7.35%	0.534%
23	9.349	1208	1224	1240	rBV2	22654149	65213815	100.00%	7.264%
24	9.526	1240	1253	1259	rBV	4266548	8780612	13.46%	0.978%
25	9.617	1259	1268	1275	rBV3	2709931	6338610	9.72%	0.706%
26	9.715	1275	1284	1287	rBV2	1232631	3843756	5.89%	0.428%
27	9.764	1287	1292	1302	rVB3	4063345	8965010	13.75%	0.999%
28	9.855	1302	1307	1312	rBV	5746898	11029186	16.91%	1.229%
29	9.904	1312	1315	1320	rVB2	3090012	5010262	7.68%	0.558%
30	9.965	1320	1325	1329	rBV	7323267	12904297	19.79%	1.437%
31	10.105	1339	1348	1359	rBV2	7995726	19670737	30.16%	2.191%
32	10.209	1359	1365	1369	rBV	4377064	8277267	12.69%	0.922%
33	10.252	1369	1372	1378	rVB2	1992914	3516064	5.39%	0.392%
34	10.325	1378	1384	1389	rBV	10682369	22599096	34.65%	2.517%
35	10.453	1396	1405	1407	rBV3	1977286	3842554	5.89%	0.428%
36	10.514	1407	1415	1421	rVV5	10024934	24063047	36.90%	2.680%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Title : SW846 8260

37	10.569	1421	1424	1428	rVV2	877469	1239290	1.90%	0.138%
38	10.617	1428	1432	1436	rVB4	1294276	2079750	3.19%	0.232%
39	10.672	1436	1441	1448	rVB	5667672	10106564	15.50%	1.126%
40	10.751	1448	1454	1464	rBV3	6911228	19207386	29.45%	2.140%
41	10.849	1465	1470	1476	rVB2	2166753	4329765	6.64%	0.482%
42	10.940	1476	1485	1490	rBV2	3069139	6800531	10.43%	0.758%
43	11.056	1490	1504	1508	rBV5	3274001	13593901	20.85%	1.514%
44	11.105	1508	1512	1515	rVV3	2546501	4157567	6.38%	0.463%
45	11.142	1515	1518	1521	rVV2	3096301	5447607	8.35%	0.607%
46	11.184	1521	1525	1529	rVV	7642547	13041474	20.00%	1.453%
47	11.233	1529	1533	1538	rVV	5463642	9702038	14.88%	1.081%
48	11.288	1538	1542	1546	rVB3	1610173	2424337	3.72%	0.270%
49	11.343	1546	1551	1555	rVB2	3180688	5025821	7.71%	0.560%
50	11.410	1555	1562	1574	rVB3	5427687	17147202	26.29%	1.910%
51	11.513	1574	1579	1584	rBV	4914928	8399965	12.88%	0.936%
52	11.635	1594	1599	1603	rBV2	2105822	3702162	5.68%	0.412%
53	11.727	1610	1614	1618	rVV2	1965364	3005140	4.61%	0.335%
54	11.812	1624	1628	1631	rBV4	1399143	2558564	3.92%	0.285%
55	11.873	1635	1638	1642	rVB2	2391831	3482300	5.34%	0.388%
56	12.044	1658	1666	1675	rBV5	933147	3630089	5.57%	0.404%
57	12.135	1675	1681	1688	rBV2	3617668	8511658	13.05%	0.948%
58	12.251	1696	1700	1704	rVB	2229067	3531769	5.42%	0.393%
59	12.336	1704	1714	1718	rBV5	3574044	10092773	15.48%	1.124%
60	12.507	1735	1742	1745	rBV5	1321781	3575418	5.48%	0.398%
61	12.568	1749	1752	1755	rVV	1627234	2211839	3.39%	0.246%
62	12.617	1757	1760	1762	rVV4	875162	1253109	1.92%	0.140%
63	12.647	1762	1765	1769	rVV	1537108	2022108	3.10%	0.225%
64	12.696	1769	1773	1778	rVB3	1273125	2079597	3.19%	0.232%
65	12.782	1783	1787	1793	rVB3	2012222	3719560	5.70%	0.414%
66	12.897	1802	1806	1808	rBV	1946587	2799886	4.29%	0.312%
67	12.940	1808	1813	1819	rVB	6394371	11480644	17.60%	1.279%
68	13.105	1832	1840	1846	rBV	6383719	12703792	19.48%	1.415%
69	13.166	1846	1850	1862	rVB4	1697979	4282573	6.57%	0.477%
70	13.440	1892	1895	1899	rVV3	1537890	2645608	4.06%	0.295%
71	13.495	1899	1904	1910	rVB3	1511706	3384594	5.19%	0.377%
72	13.586	1910	1919	1928	rBV	33139702	62081929	95.20%	6.915%
73	13.714	1934	1940	1943	rBV	6525280	10506376	16.11%	1.170%
74	13.757	1943	1947	1951	rVV	8819699	13843568	21.23%	1.542%
75	13.879	1961	1967	1972	rBV	3318994	5780060	8.86%	0.644%
76	13.946	1972	1978	1984	rVB	5835194	9219677	14.14%	1.027%

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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

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Title : SW846 8260

77	14.092	1996	2002	2008	rBV	17225660	26628628	40.83%	2.966%
78	14.159	2008	2013	2015	rVV	2380877	3529775	5.41%	0.393%
79	14.208	2015	2021	2026	rVB2	13653446	23800257	36.50%	2.651%
80	14.263	2026	2030	2036	rVB5	900709	2032655	3.12%	0.226%
81	14.336	2036	2042	2047	rBV2	5833517	9592595	14.71%	1.069%
82	14.415	2047	2055	2058	rBV	10286450	17104805	26.23%	1.905%
83	14.452	2058	2061	2065	rVB	5628428	7774475	11.92%	0.866%
84	14.495	2065	2068	2072	rVB	2307420	2727901	4.18%	0.304%
85	14.543	2072	2076	2083	rVB4	2229013	4983357	7.64%	0.555%
86	14.635	2086	2091	2095	rBV2	1420451	2044811	3.14%	0.228%
87	14.684	2095	2099	2103	rBV2	4501487	7291584	11.18%	0.812%
88	14.726	2103	2106	2110	rVB	2283675	3241611	4.97%	0.361%
89	14.806	2110	2119	2124	rBV3	17532027	38708357	59.36%	4.312%
90	14.848	2124	2126	2138	rVB3	2131664	4161931	6.38%	0.464%
91	14.952	2138	2143	2149	rBV2	2525442	4269382	6.55%	0.476%
92	15.056	2150	2160	2165	rBV2	5421856	13331136	20.44%	1.485%
93	15.171	2172	2179	2187	rVB2	4611234	10843111	16.63%	1.208%
94	15.318	2197	2203	2213	rVB5	824872	2013840	3.09%	0.224%
95	15.464	2222	2227	2231	rVV2	1307480	2576515	3.95%	0.287%
96	15.519	2231	2236	2249	rVB2	1347104	3613417	5.54%	0.403%
97	15.647	2249	2257	2264	rBV	2046177	4032796	6.18%	0.449%
98	15.818	2276	2285	2295	rBV2	1136143	3672478	5.63%	0.409%
99	16.019	2311	2318	2333	rVB3	966955	2910231	4.46%	0.324%
100	16.634	2410	2419	2431	rVB	1679165	3926838	6.02%	0.437%

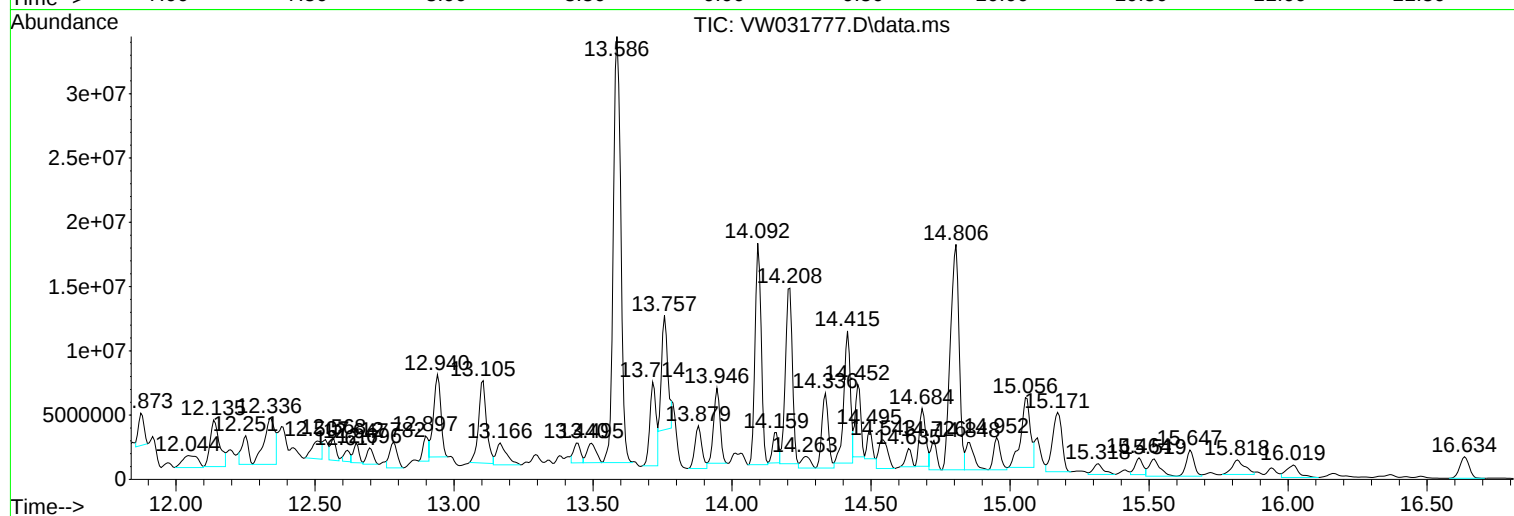
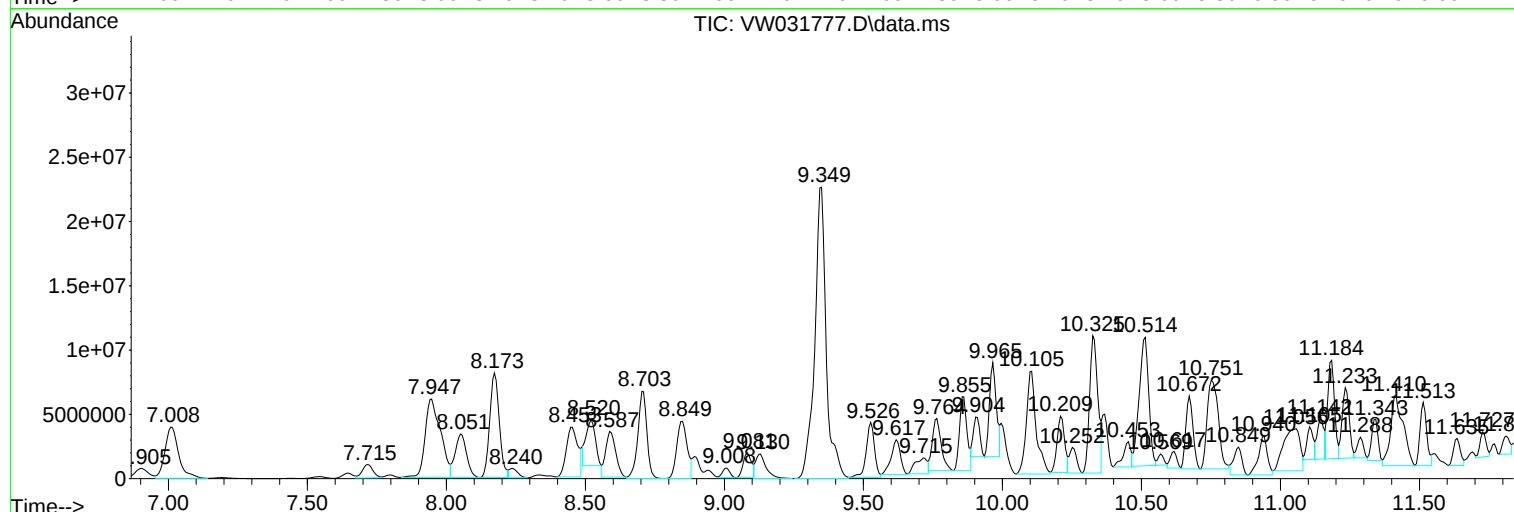
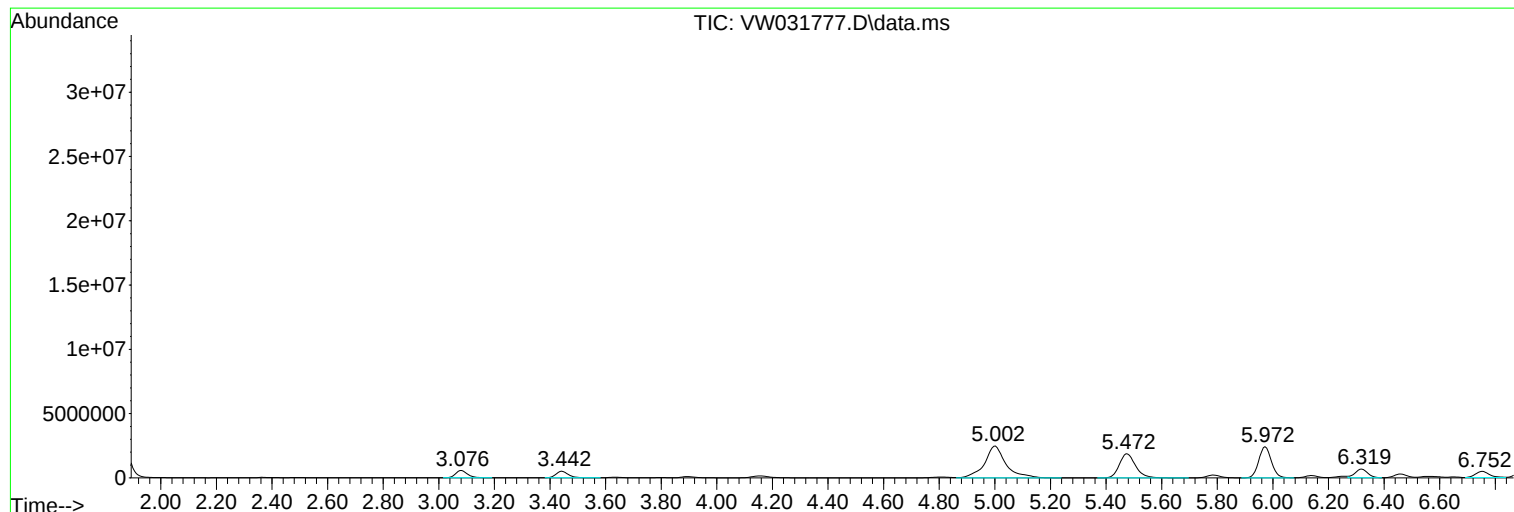
Sum of corrected areas: 897722527

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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



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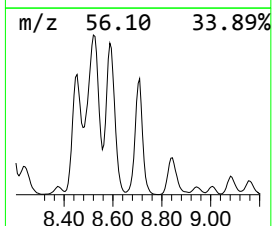
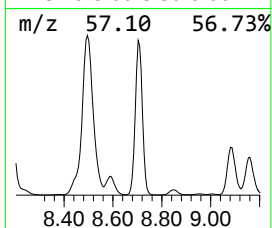
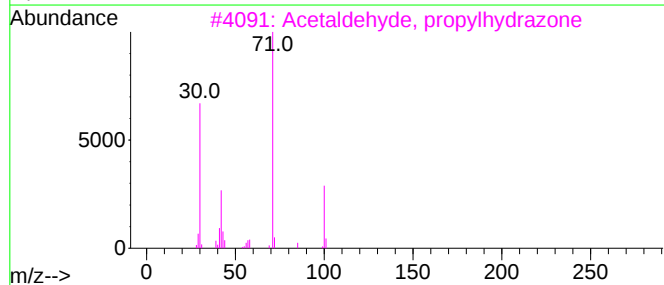
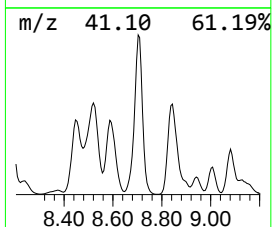
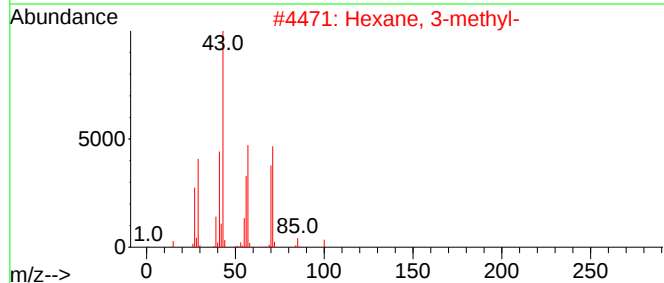
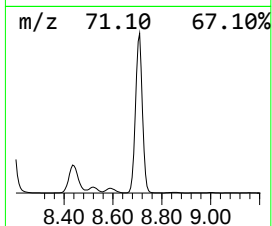
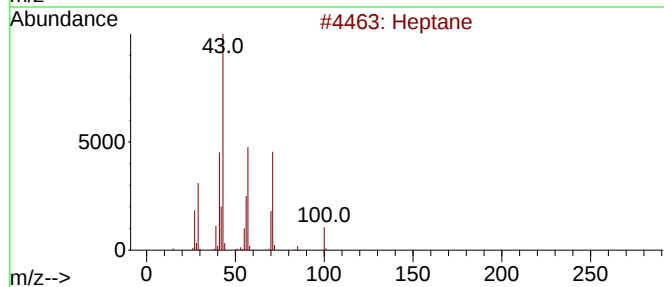
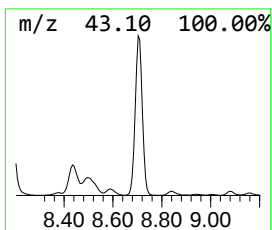
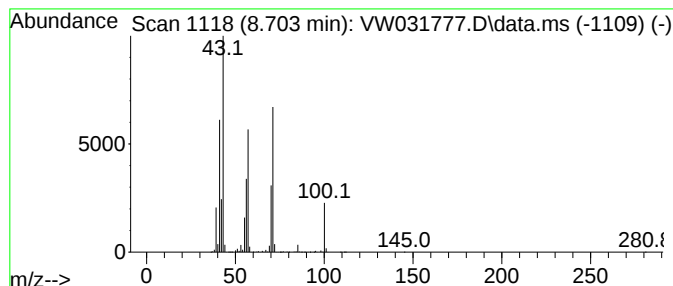
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	65.41 ug/l	15246900	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	47
4			3-Hexanone	100	C6H12O	000589-38-8	43
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	37



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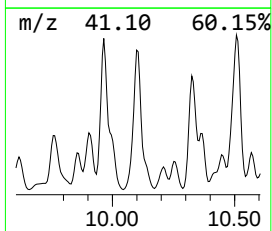
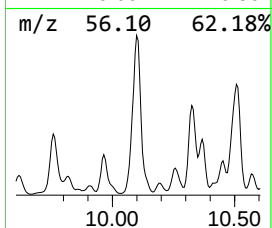
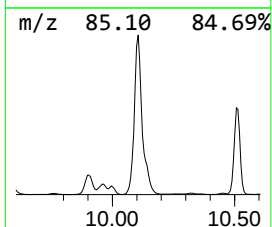
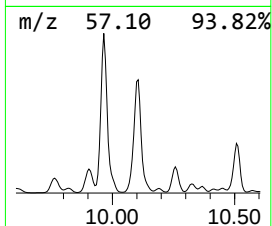
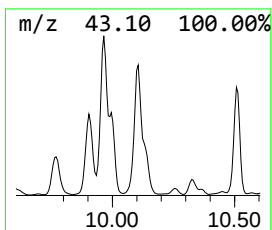
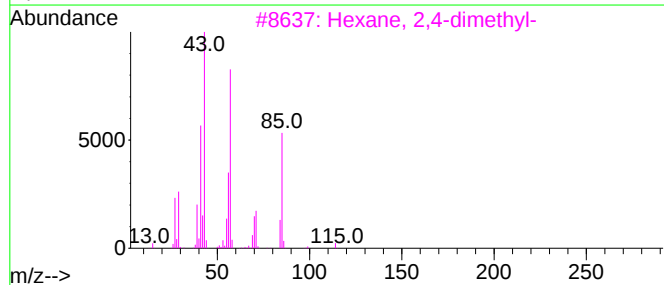
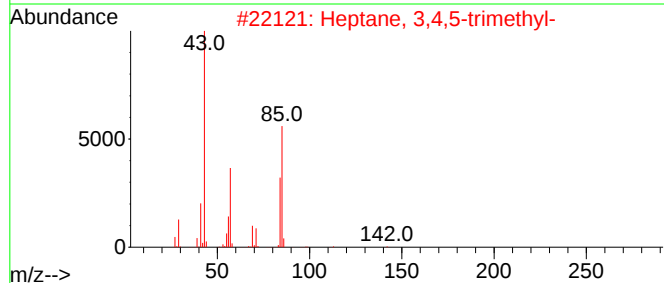
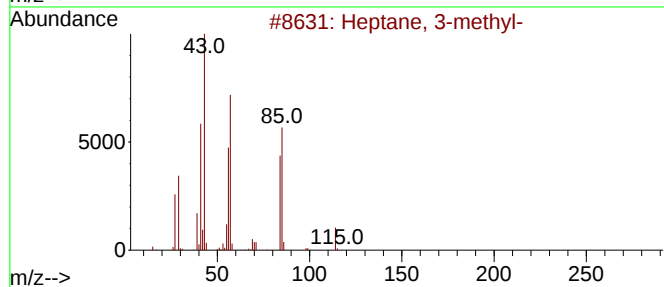
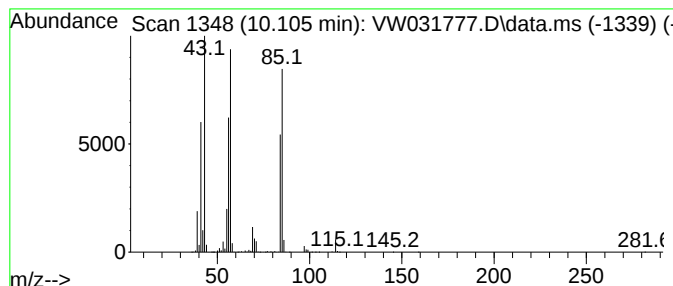
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.105	84.39 ug/l	19670700	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4			Hexane, 2-methyl-	100	C7H16	000591-76-4	59
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53



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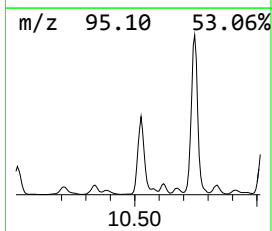
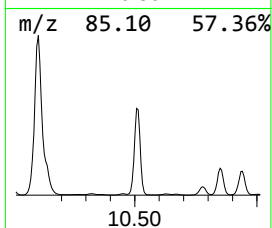
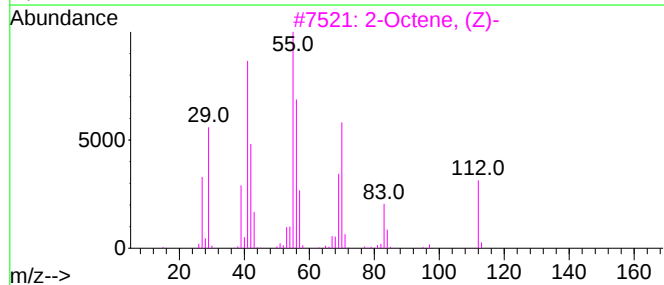
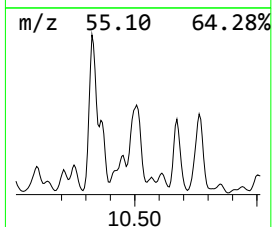
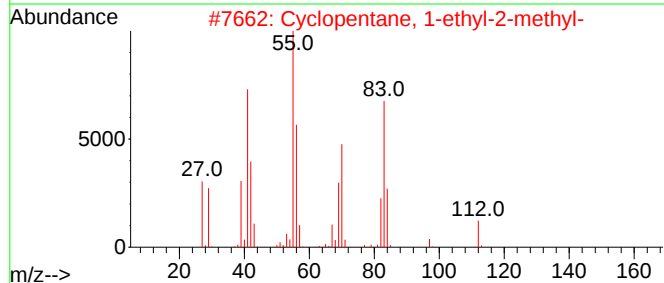
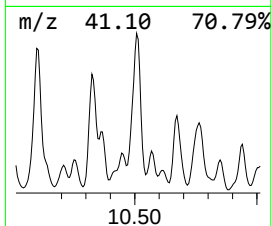
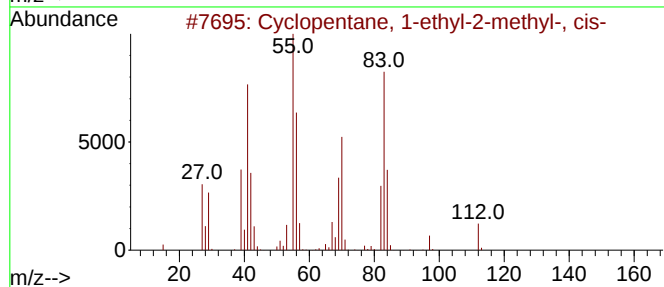
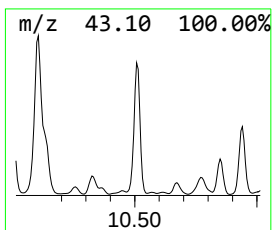
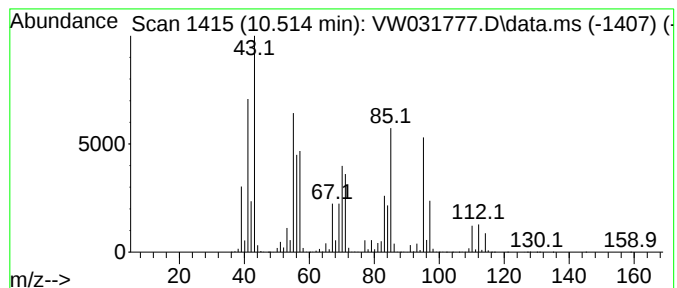
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Quant Title : SW846 8260

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

Peak Number 3 unknown10.514 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.514	324.99 ug/l	24063000	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	41
2			Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	38
3			2-Octene, (Z)-	112	C8H16	007642-04-8	38
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35
5			1-Octene	112	C8H16	000111-66-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

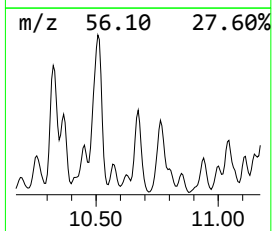
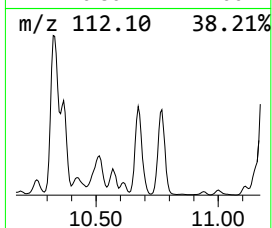
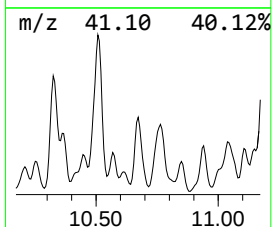
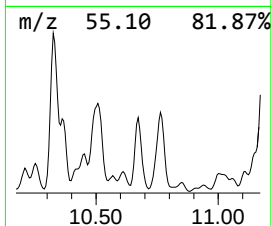
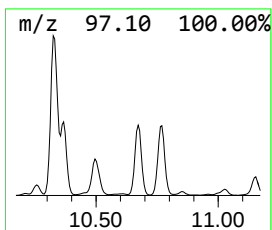
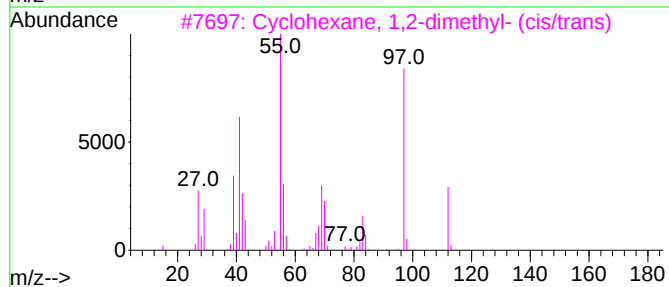
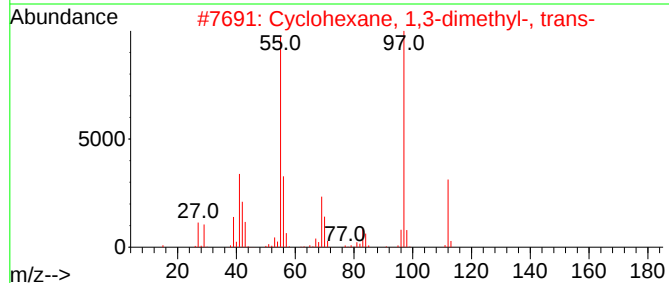
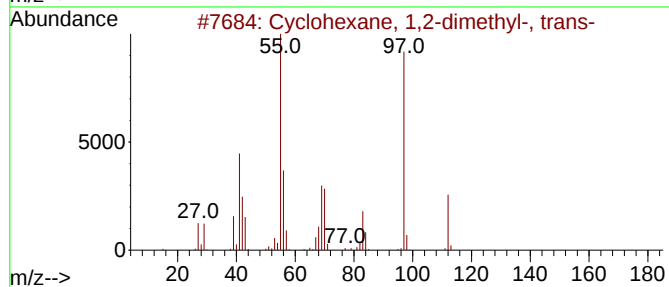
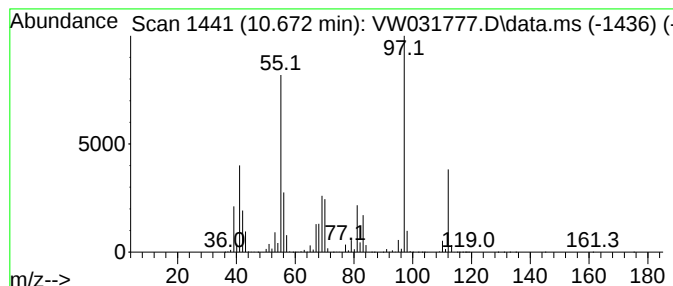
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.672	136.50 ug/l	10106600	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3		Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	90
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

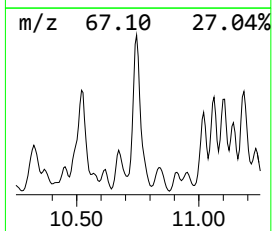
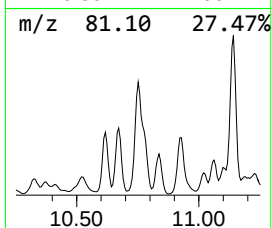
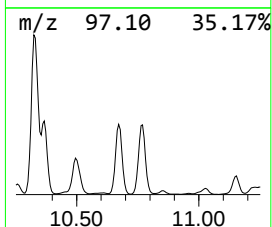
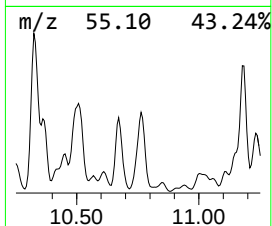
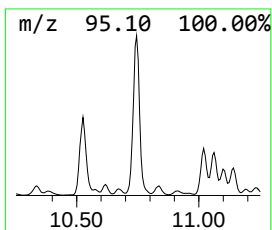
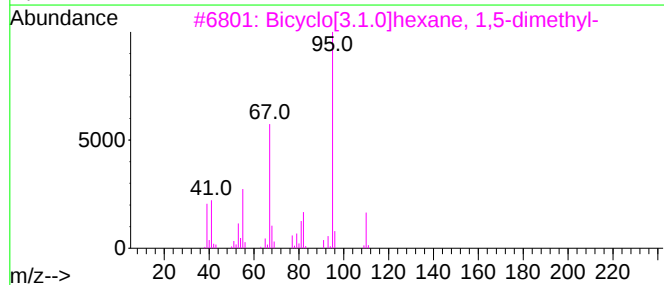
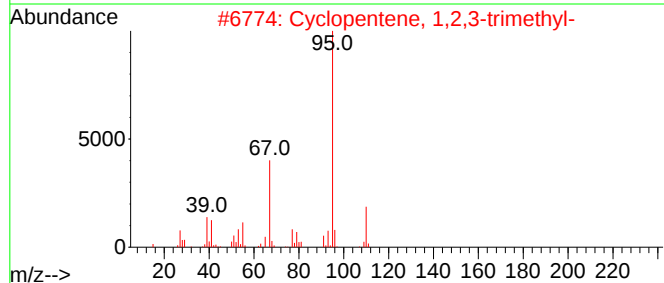
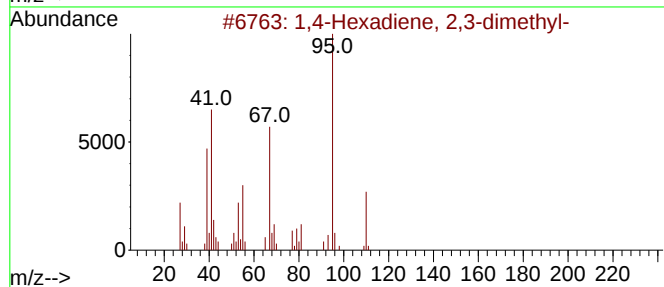
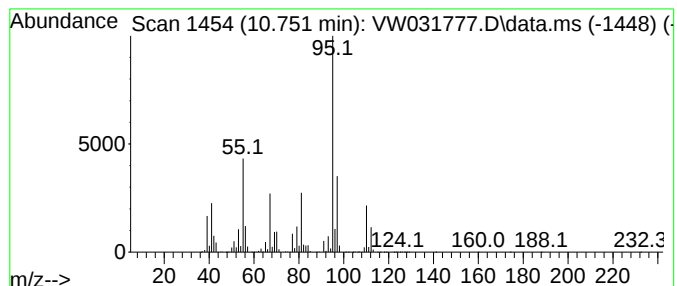
Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 5 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.751	259.41 ug/l	19207400	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	68
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	60
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	60
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	58
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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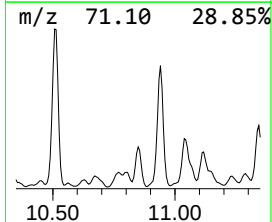
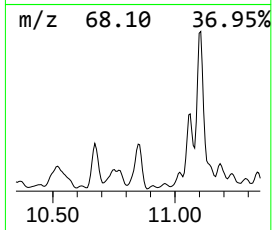
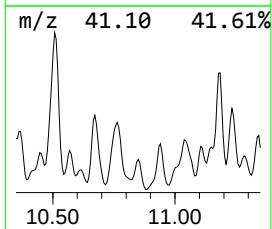
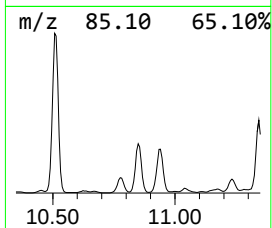
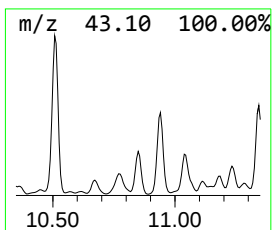
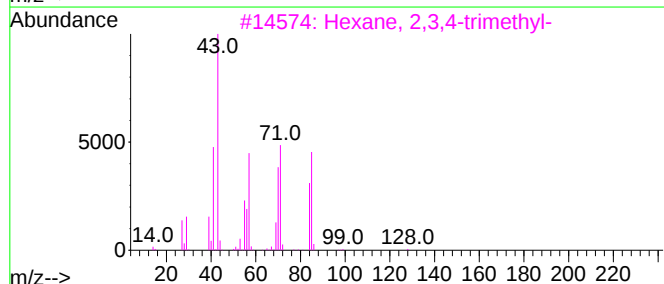
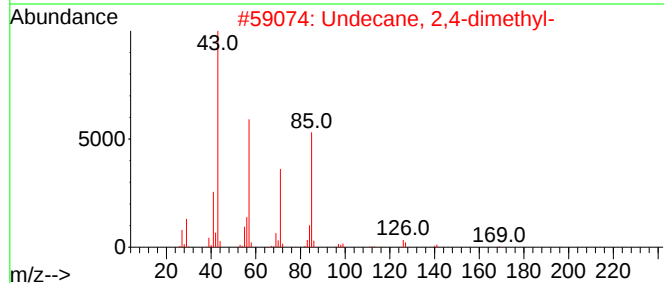
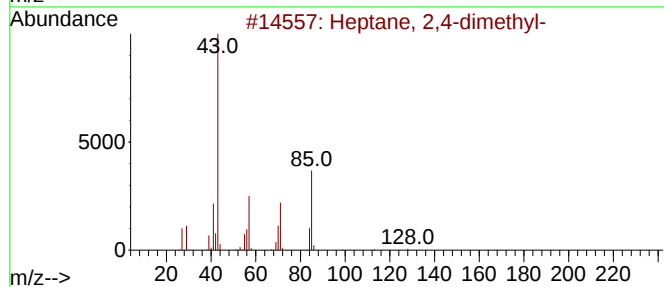
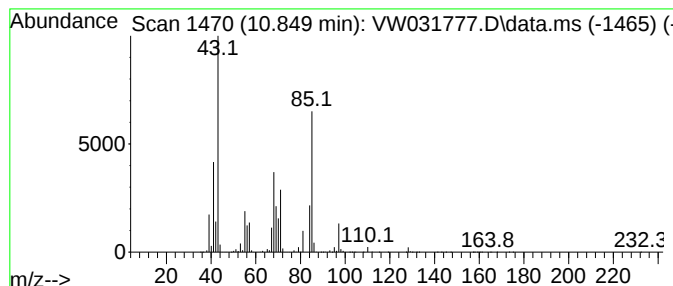
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Quant Title : SW846 8260

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

Peak Number 6 unknown10.849 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.849	58.48 ug/l	4329770	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
2			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
4			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	38
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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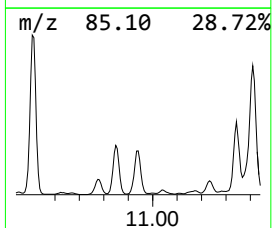
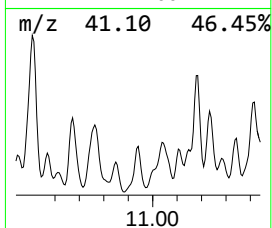
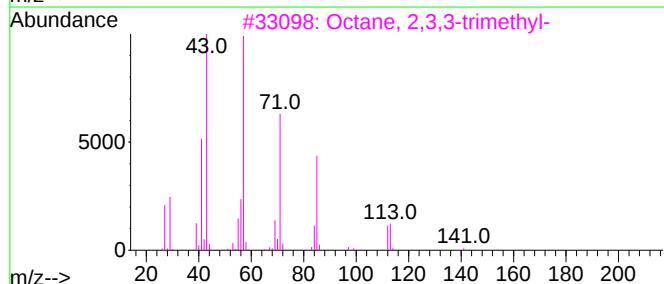
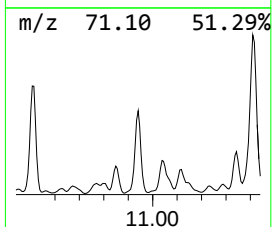
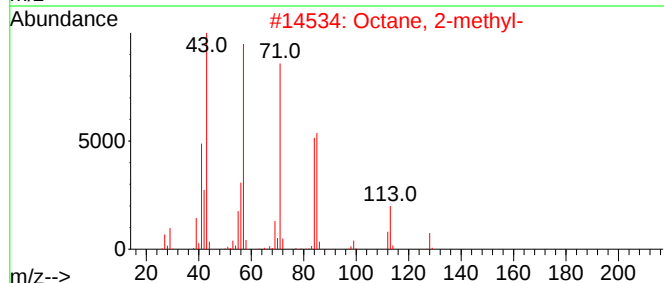
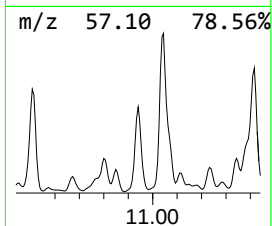
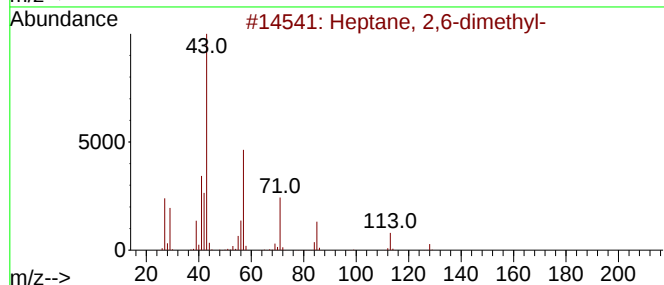
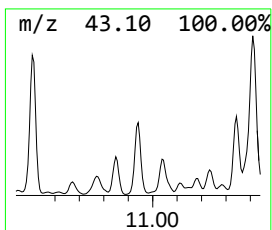
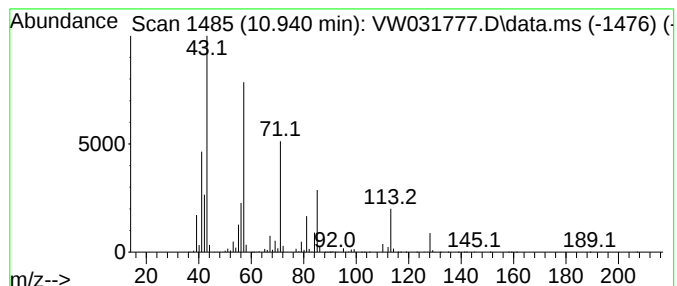
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.940	91.85 ug/l	6800530	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2			Octane, 2-methyl-	128	C9H20	003221-61-2	72
3			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53
4			Nonane	128	C9H20	000111-84-2	52
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

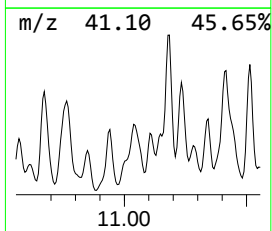
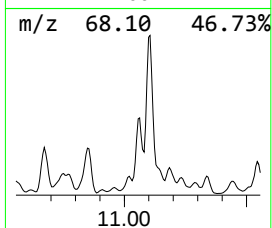
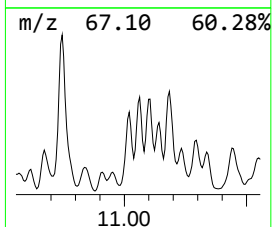
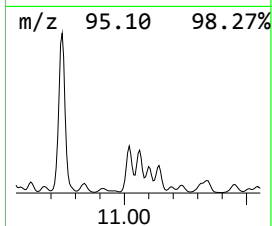
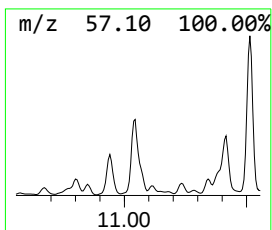
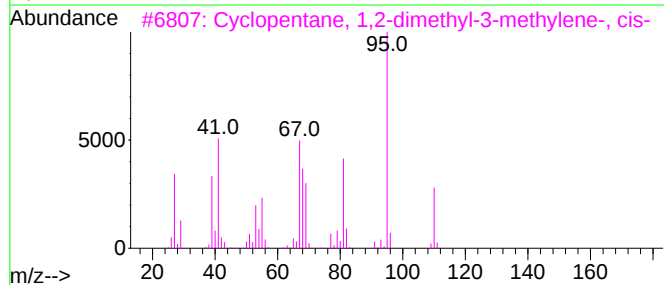
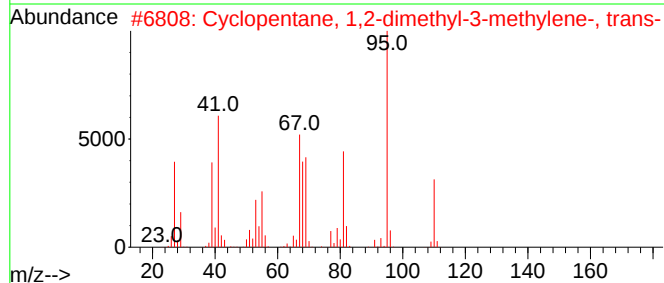
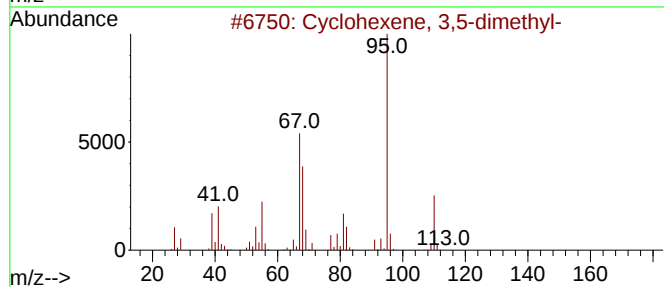
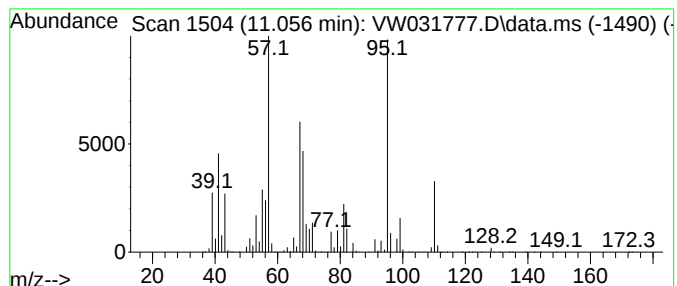
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexene, 3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.056	183.59 ug/l	13593900	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	94
2			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	64
3			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	64
4			trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	64
5			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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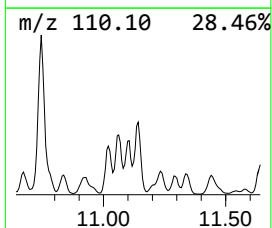
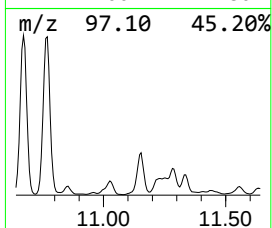
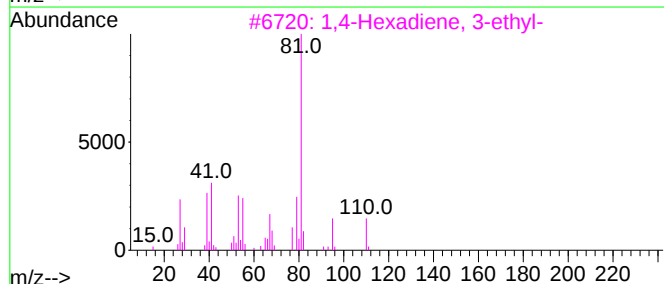
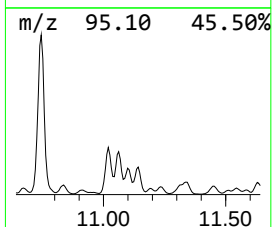
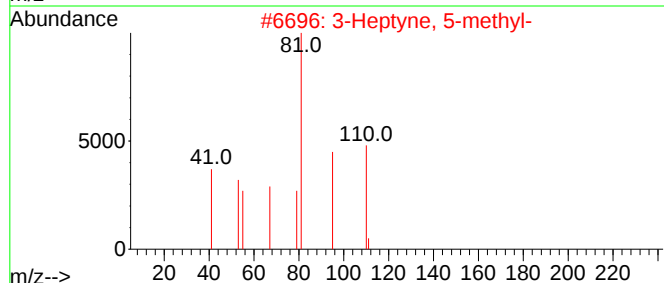
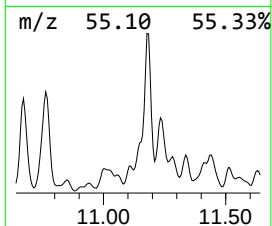
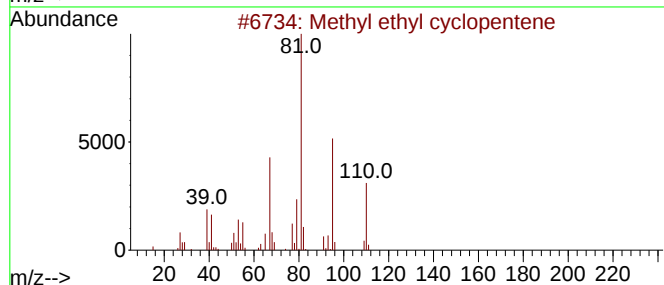
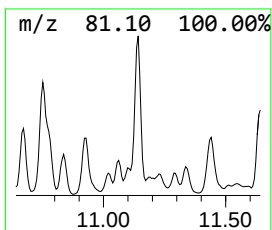
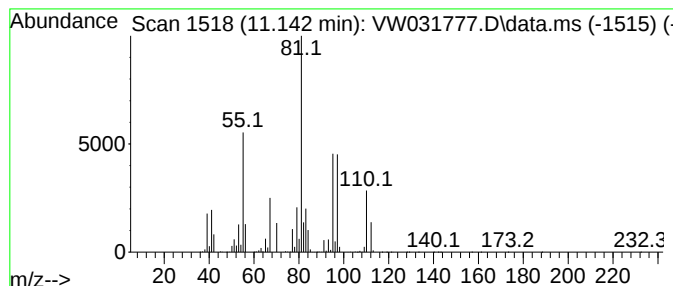
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Quant Title : SW846 8260

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

Peak Number 9 Methyl ethyl cyclopentene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.142	73.57 ug/l	5447610	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	60
2			3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	47
3			1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	43
4			4-Ethylcyclohexene	110	C8H14	003742-42-5	38
5			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

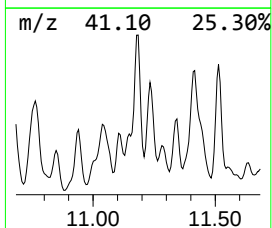
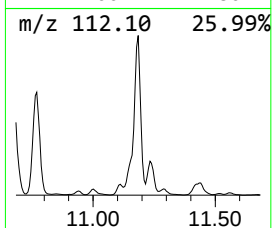
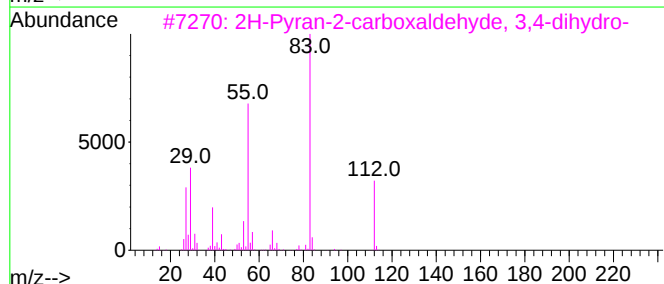
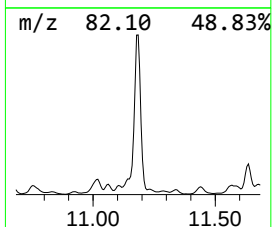
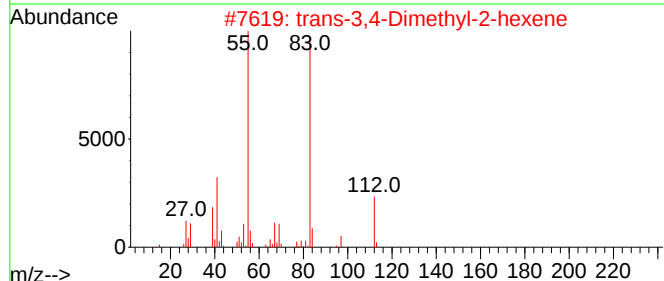
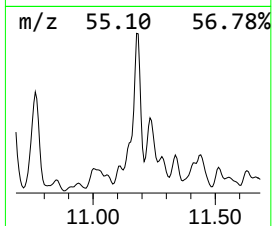
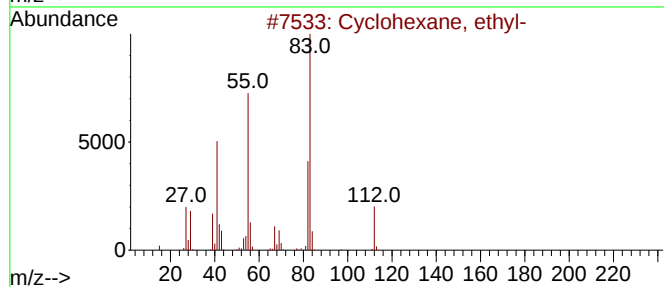
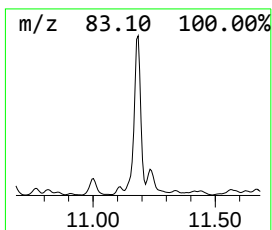
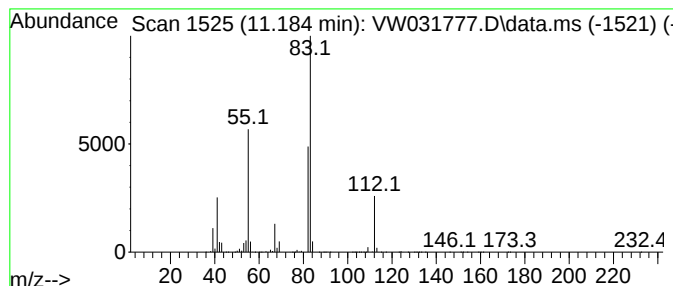
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Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.184	176.13 ug/l	13041500	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
2			trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	53
3			2H-Pyran-2-carboxaldehyde, 3,4-d...	112	C6H8O2	000100-73-2	50
4			1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	50
5			2H-Pyran-2-carboxaldehyde, 5,6-d...	112	C6H8O2	053897-26-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

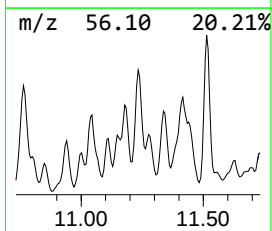
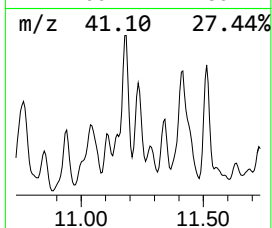
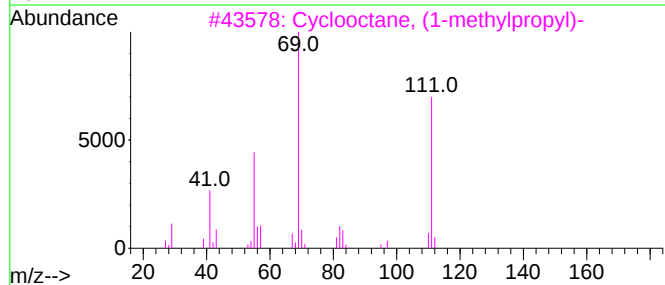
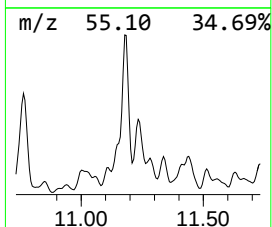
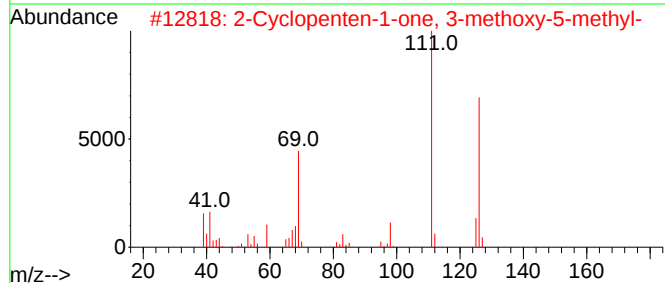
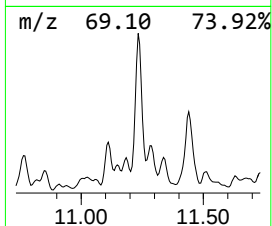
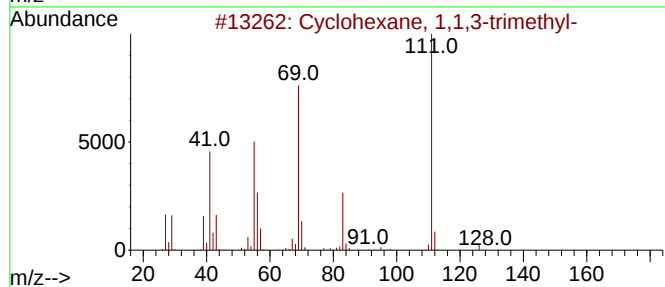
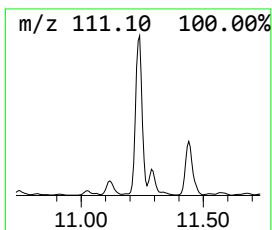
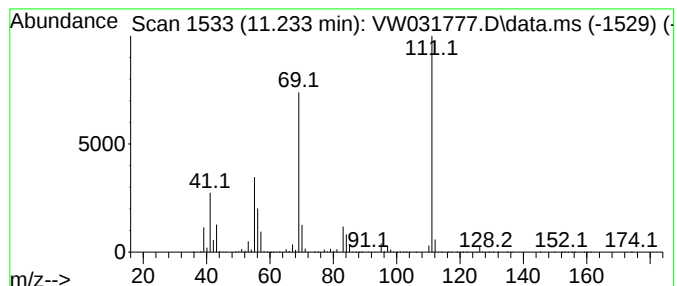
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Quant Title : SW846 8260

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

Peak Number 11 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	131.03 ug/l	9702040	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			2-Cyclopenten-1-one, 3-methoxy-5...	126	C7H10O2	007180-60-1	64
3			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
5			3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

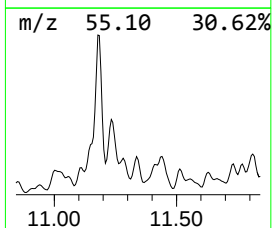
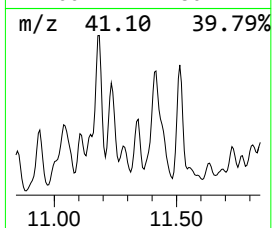
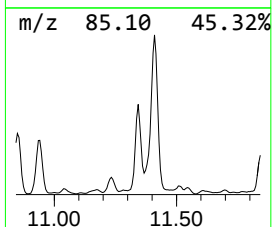
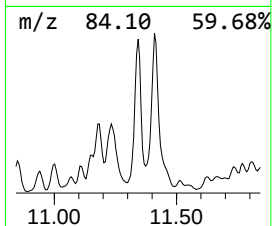
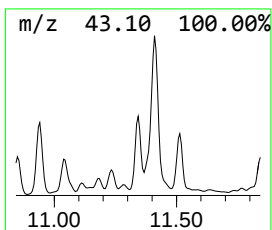
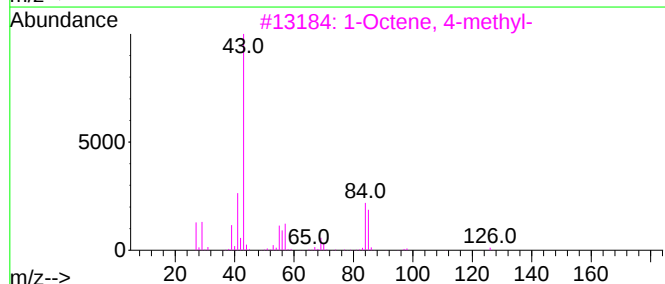
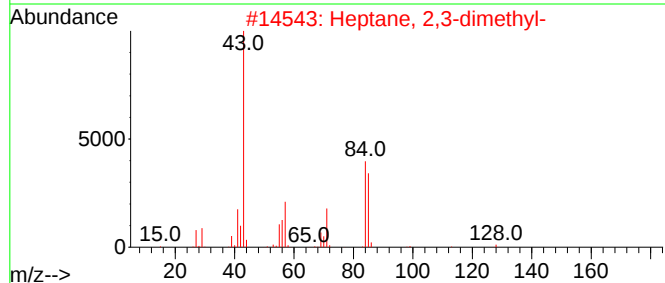
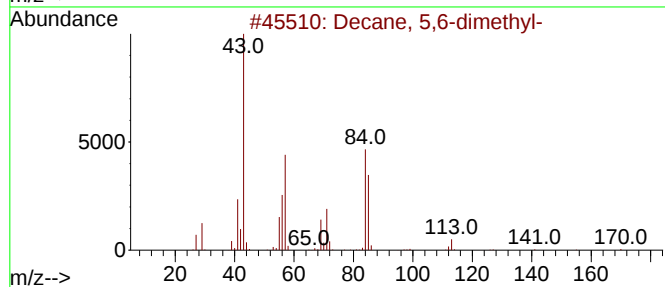
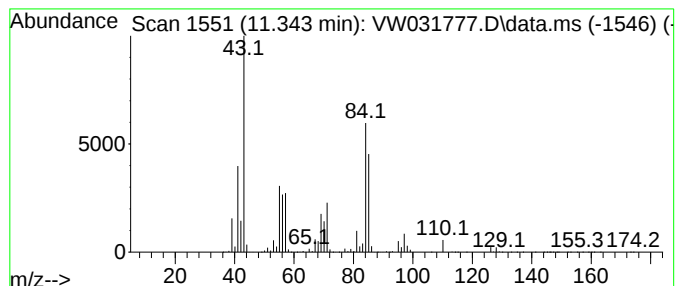
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 12 Decane, 5,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.343	67.88 ug/l	5025820	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
3	1-Octene, 4-methyl-	126	C9H18	013151-12-7	49
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	46
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

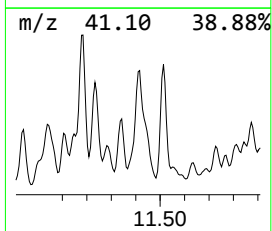
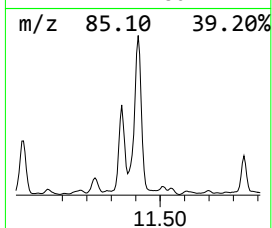
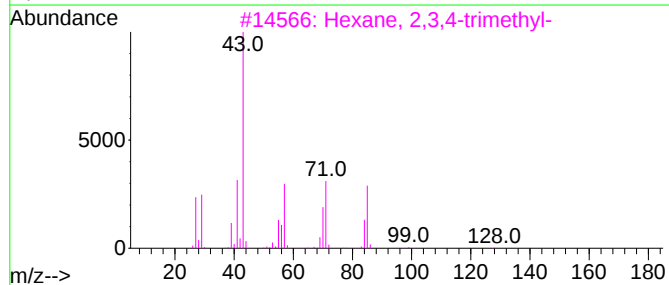
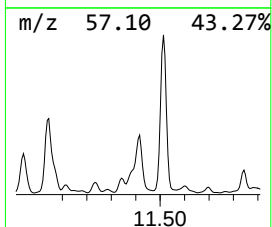
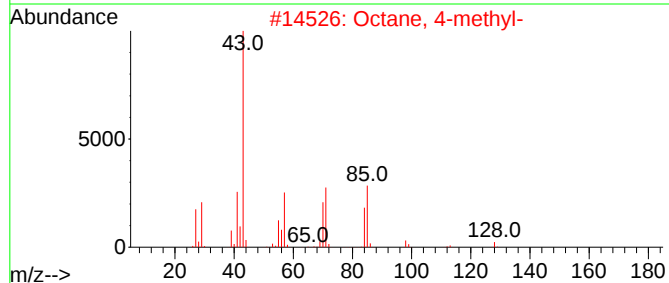
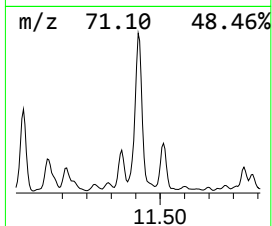
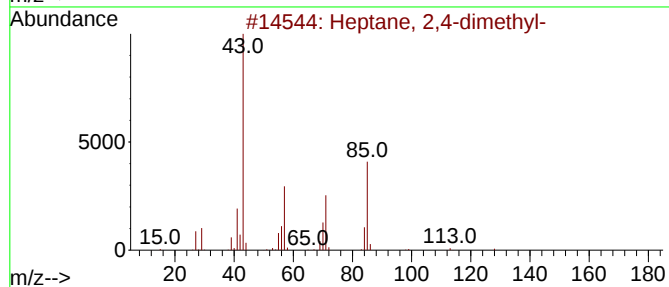
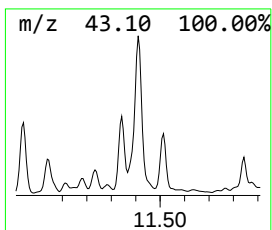
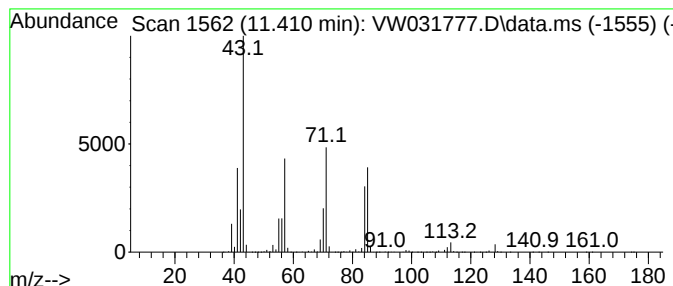
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Quant Title : SW846 8260

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

Peak Number 13 Heptane, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	231.58 ug/l	17147200	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2			Octane, 4-methyl-	128	C9H20	002216-34-4	68
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
5			Octane	114	C8H18	000111-65-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

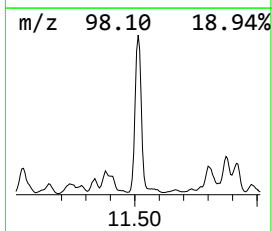
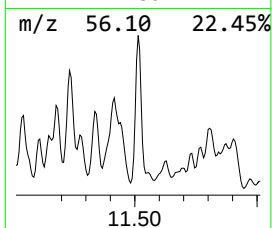
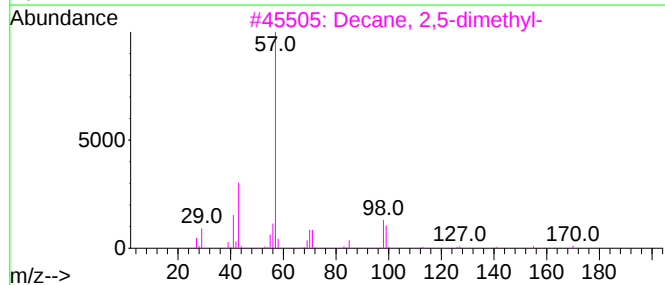
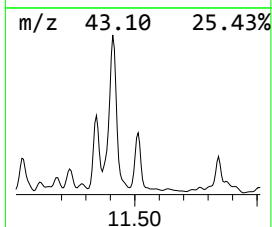
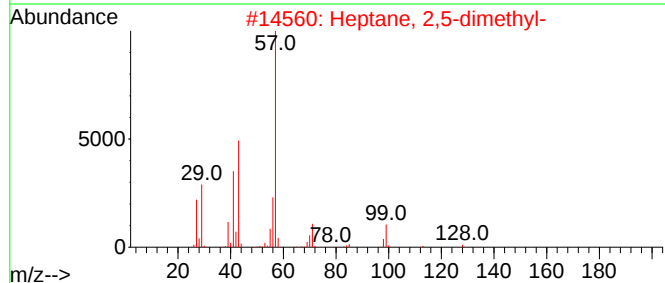
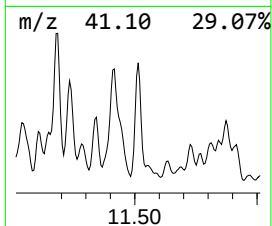
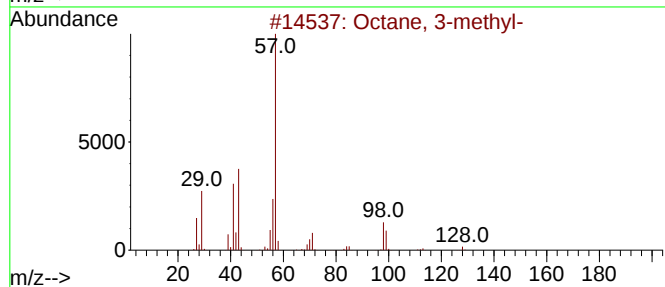
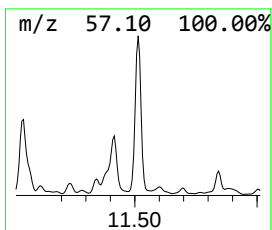
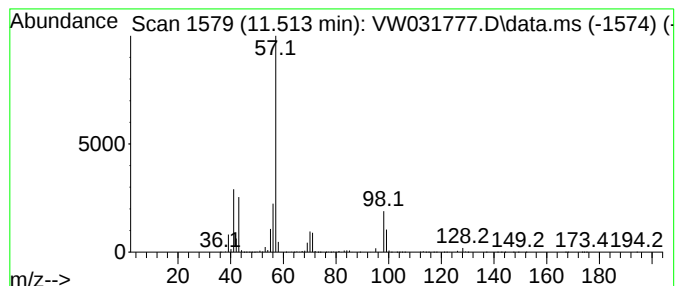
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Quant Title : SW846 8260

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

Peak Number 14 Octane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.514	113.45 ug/l	8399970	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
3			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
4			Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

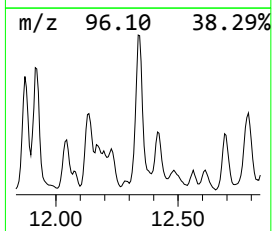
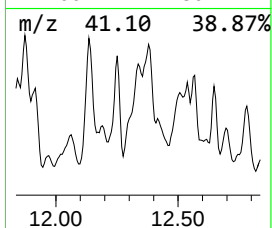
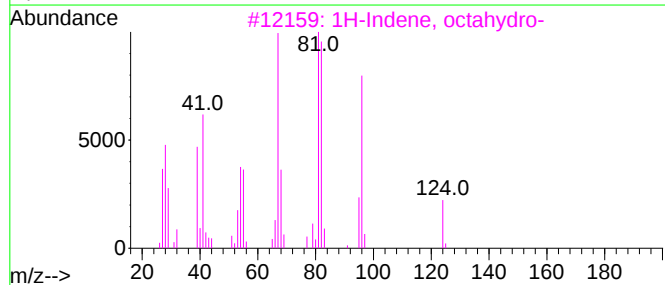
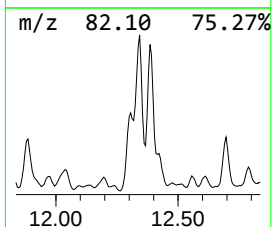
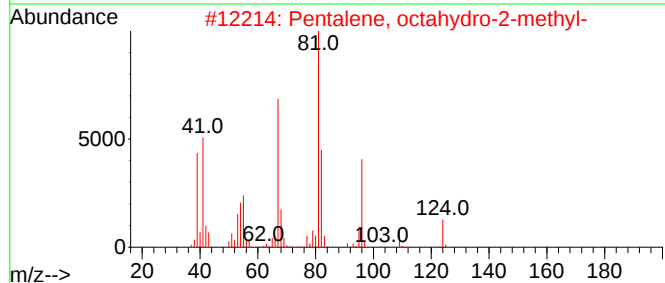
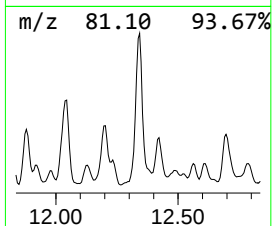
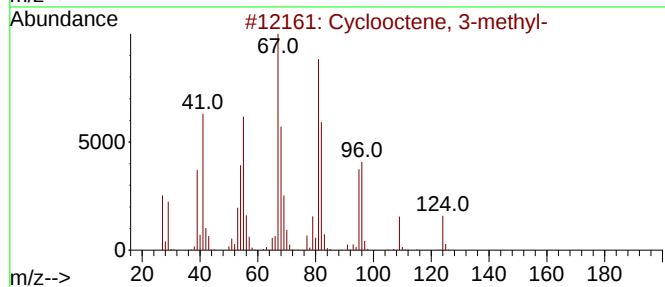
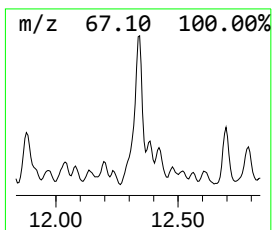
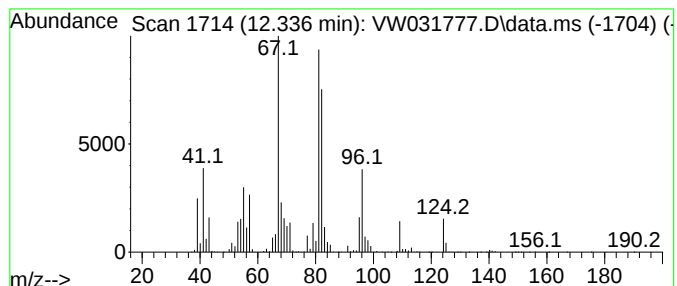
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Quant Title : SW846 8260

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

Peak Number 15 Cyclooctene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	136.31 ug/l	10092800	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	87
2			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
3			1H-Indene, octahydro-	124	C9H16	000496-10-6	58
4			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	53
5			Cyclohexane, ethenyl-	110	C8H14	000695-12-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031777.D
Acq On : 09 Jul 2025 15:40
Operator : SY/MD
Sample : Q2480-07
Misc : 8.69g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Heptane, 3-methyl-	10.105	84.4	ug/l	19670700	2	8.855	11655200	50.0
unknown10.514	10.514	325.0	ug/l	24063000	3	11.629	3702160	50.0
Cyclohexane, 1,...	10.672	136.5	ug/l	10106600	3	11.629	3702160	50.0
1,4-Hexadiene, ...	10.751	259.4	ug/l	19207400	3	11.629	3702160	50.0
unknown10.849	10.849	58.5	ug/l	4329770	3	11.629	3702160	50.0
Heptane, 2,6-di...	10.940	91.8	ug/l	6800530	3	11.629	3702160	50.0
Cyclohexene, 3,...	11.056	183.6	ug/l	13593900	3	11.629	3702160	50.0
Methyl ethyl cy...	11.142	73.6	ug/l	5447610	3	11.629	3702160	50.0
Cyclohexane, et...	11.184	176.1	ug/l	13041500	3	11.629	3702160	50.0
Cyclohexane, 1,...	11.233	131.0	ug/l	9702040	3	11.629	3702160	50.0
Decane, 5,6-dim...	11.343	67.9	ug/l	5025820	3	11.629	3702160	50.0
Heptane, 2,4-di...	11.410	231.6	ug/l	17147200	3	11.629	3702160	50.0
Octane, 3-methyl-	11.514	113.5	ug/l	8399970	3	11.629	3702160	50.0
Cyclooctene, 3-...	12.336	136.3	ug/l	10092800	3	11.629	3702160	50.0