

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032332.D
 Acq On : 02 Oct 2025 15:03
 Operator : SY/MD
 Sample : Q3262-04
 Misc : 4.50g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0282

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: VW032332.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	492	503	516	rBV2	28409	107333	8.92%	0.948%
2	5.972	656	670	689	rBV2	161915	504650	41.92%	4.456%
3	7.167	855	866	877	rBV	26406	80106	6.65%	0.707%
4	7.898	977	986	991	rBV	198232	465286	38.65%	4.109%
5	7.959	991	996	1007	rVB	247941	577783	48.00%	5.102%
6	8.167	1024	1030	1038	rVB3	8002	17238	1.43%	0.152%
7	8.319	1038	1055	1068	rBV	215803	519776	43.18%	4.590%
8	8.703	1110	1118	1130	rBV7	11881	34508	2.87%	0.305%
9	8.849	1134	1142	1161	rVV	462437	969895	80.57%	8.564%
10	9.343	1211	1223	1229	rBV6	6613	19508	1.62%	0.172%
11	10.325	1376	1384	1391	rBV	667413	1203730	100.00%	10.629%
12	10.392	1391	1395	1407	rVB	38209	81865	6.80%	0.723%
13	10.508	1407	1414	1419	rBV3	10429	18994	1.58%	0.168%
14	10.703	1437	1446	1452	rBV	33408	60725	5.04%	0.536%
15	11.062	1498	1505	1511	rBV	19211	33176	2.76%	0.293%
16	11.410	1556	1562	1573	rVV7	11568	34413	2.86%	0.304%
17	11.513	1573	1579	1584	rVB	9339	15219	1.26%	0.134%
18	11.629	1591	1598	1608	rBV	619403	1070684	88.95%	9.454%
19	11.733	1610	1615	1620	rBV	15209	26313	2.19%	0.232%
20	11.837	1626	1632	1642	rVV2	71831	140792	11.70%	1.243%
21	12.166	1675	1686	1692	rBV4	22186	59447	4.94%	0.525%
22	12.251	1695	1700	1704	rVB3	10463	17231	1.43%	0.152%
23	12.361	1709	1718	1727	rBV7	10413	31472	2.61%	0.278%
24	12.465	1730	1735	1741	rBV2	32598	62860	5.22%	0.555%
25	12.617	1754	1760	1770	rVB2	396117	688863	57.23%	6.083%
26	12.714	1771	1776	1783	rVB3	12384	20154	1.67%	0.178%
27	12.867	1795	1801	1805	rBV	34864	76702	6.37%	0.677%
28	12.928	1806	1811	1818	rVB2	117138	206674	17.17%	1.825%
29	13.123	1835	1843	1847	rVV2	34844	80626	6.70%	0.712%
30	13.160	1847	1849	1855	rVB2	15020	18045	1.50%	0.159%
31	13.251	1858	1864	1867	rVV	53400	84181	6.99%	0.743%
32	13.300	1867	1872	1881	rVB	183221	281227	23.36%	2.483%
33	13.464	1887	1899	1909	rBV4	225878	586787	48.75%	5.181%
34	13.556	1909	1914	1920	rVV	446580	771908	64.13%	6.816%
35	13.617	1921	1924	1932	rVB2	69482	111560	9.27%	0.985%
36	13.751	1942	1946	1949	rBV3	12430	20665	1.72%	0.182%

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Peak separation: 5

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37	13.830	1955	1959	1961	rBV4	18330	21879	1.82%	0.193%
38	13.867	1961	1965	1970	rVB	156829	214575	17.83%	1.895%
39	14.190	2013	2018	2024	rBV9	17729	41455	3.44%	0.366%
40	14.348	2036	2044	2046	rBV4	42661	86866	7.22%	0.767%
41	14.385	2046	2050	2053	rVV3	56820	92120	7.65%	0.813%
42	14.422	2053	2056	2060	rVV	51918	75584	6.28%	0.667%
43	14.489	2063	2067	2072	rVV	45955	67483	5.61%	0.596%
44	14.543	2072	2076	2082	rVB9	11554	20139	1.67%	0.178%
45	14.690	2094	2100	2102	rBV	474052	668523	55.54%	5.903%
46	14.714	2102	2104	2110	rVB	198581	236930	19.68%	2.092%
47	14.781	2110	2115	2117	rBV5	11130	22082	1.83%	0.195%
48	14.860	2126	2128	2133	rVB4	17662	22330	1.86%	0.197%
49	15.062	2155	2161	2169	rBV4	15440	45098	3.75%	0.398%
50	15.147	2170	2175	2180	rVV3	28329	68043	5.65%	0.601%
51	15.202	2180	2184	2187	rVV3	25340	43192	3.59%	0.381%
52	15.238	2187	2190	2197	rVB3	31016	49175	4.09%	0.434%
53	15.305	2197	2201	2207	rBV	26748	44582	3.70%	0.394%
54	15.543	2235	2240	2246	rVB2	30154	48086	3.99%	0.425%
55	15.647	2250	2257	2262	rBV8	12535	34845	2.89%	0.308%
56	15.994	2309	2314	2316	rBV2	17973	28846	2.40%	0.255%
57	16.086	2323	2329	2332	rBV3	29745	59148	4.91%	0.522%
58	16.208	2345	2349	2357	rVB3	14221	27331	2.27%	0.241%
59	16.433	2379	2386	2391	rBV	37444	81435	6.77%	0.719%
60	16.482	2391	2394	2406	rVB2	20879	42381	3.52%	0.374%
61	16.635	2406	2419	2428	rBV3	21642	82246	6.83%	0.726%

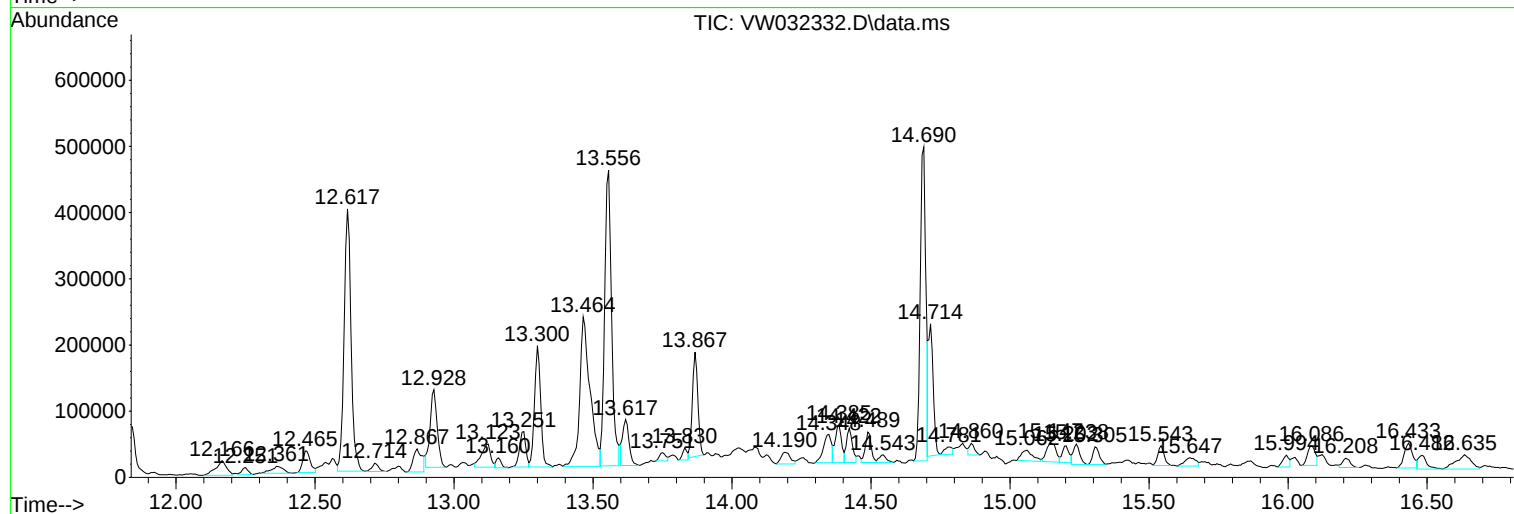
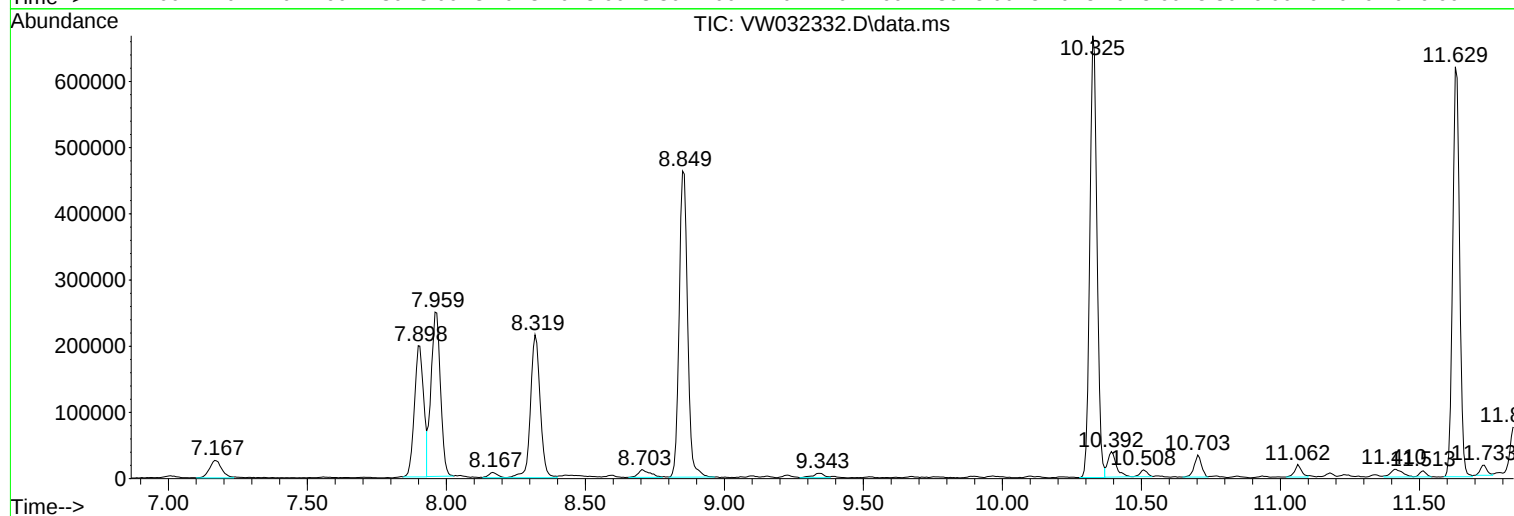
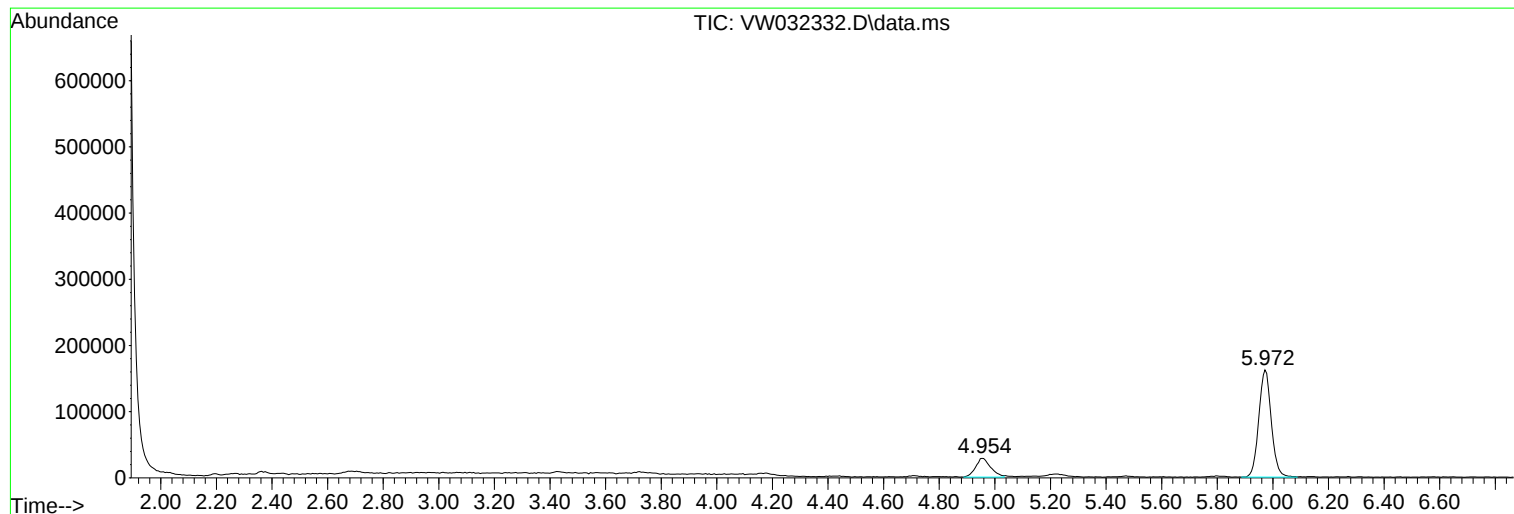
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ClientSampleId :
MOO-25-0282

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



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Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0282

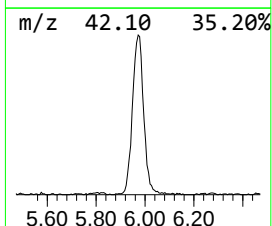
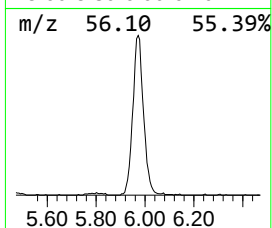
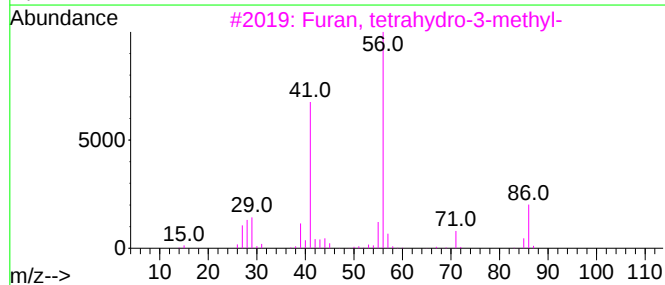
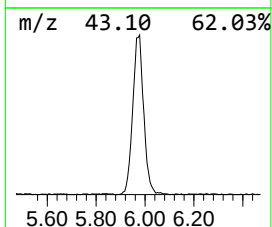
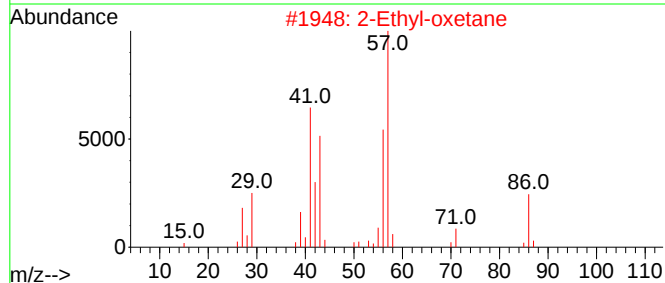
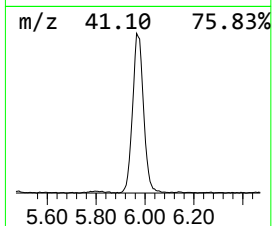
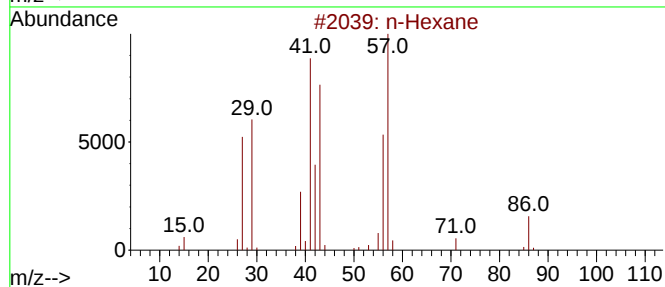
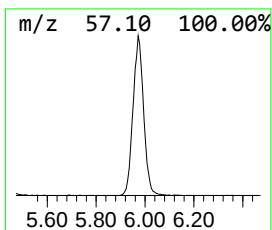
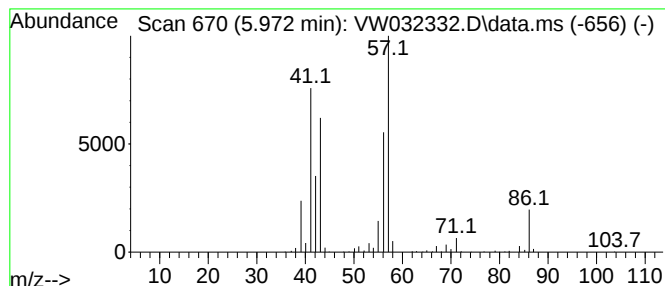
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 1 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.972	43.67 ug/l	504650	Pentafluorobenzene	7.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	91
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
3			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	58
4			Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38



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MOO-25-0282

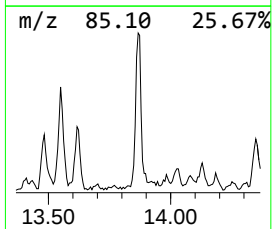
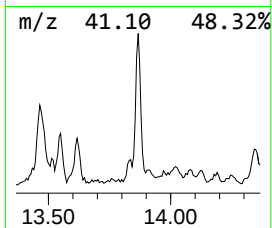
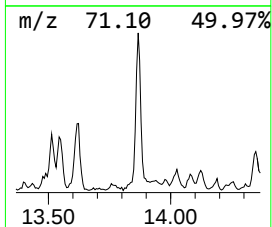
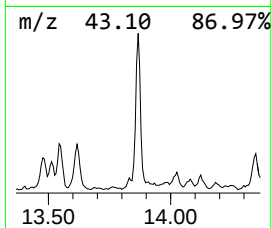
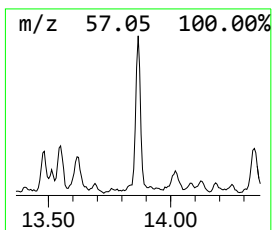
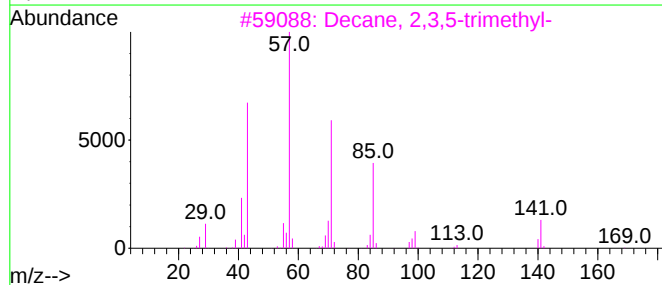
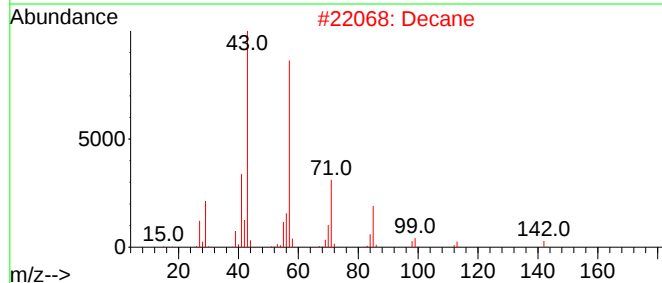
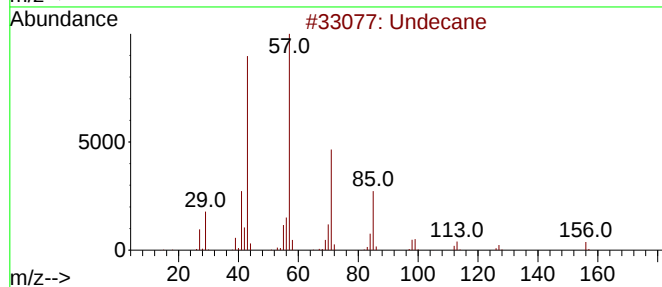
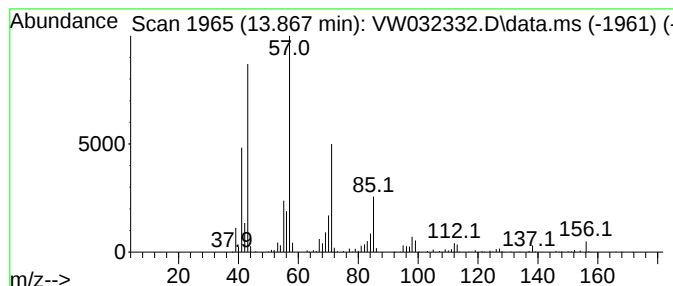
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 4 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.867	13.90 ug/l	214575	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	94
2	Decane			142	C10H22	000124-18-5	86
3	Decane, 2,3,5-trimethyl-			184	C13H28	062238-11-3	72
4	Hexadecane			226	C16H34	000544-76-3	64
5	Tetradecane			198	C14H30	000629-59-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
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Misc : 4.50g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

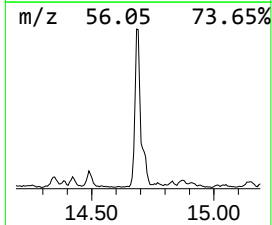
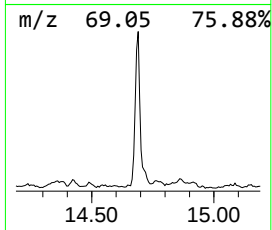
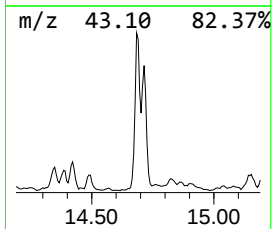
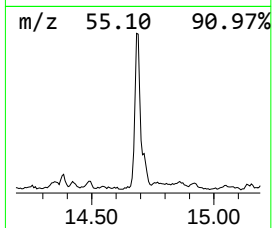
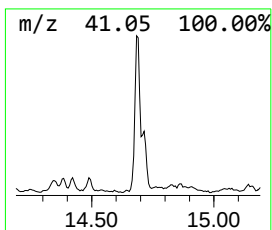
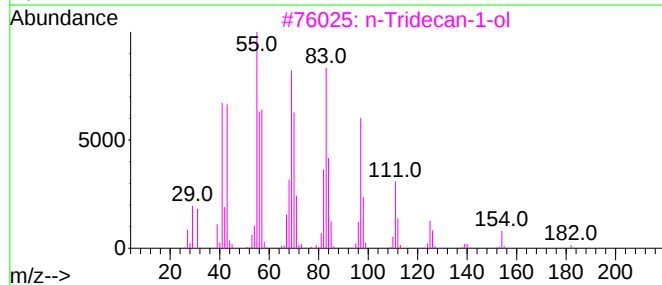
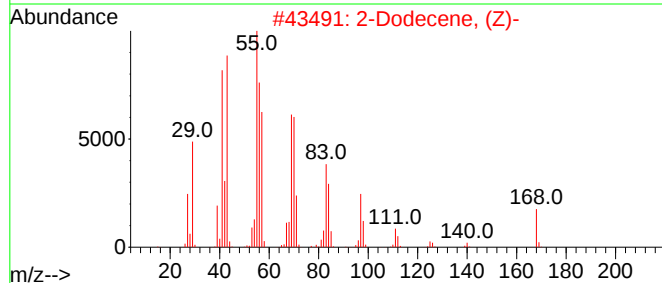
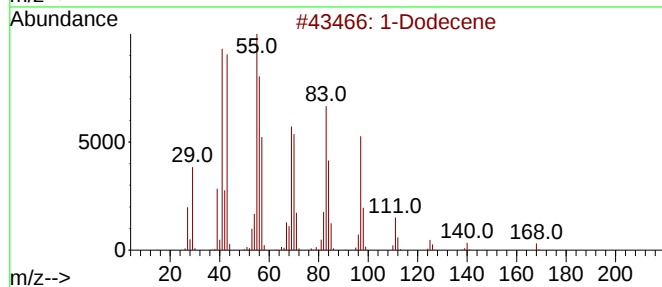
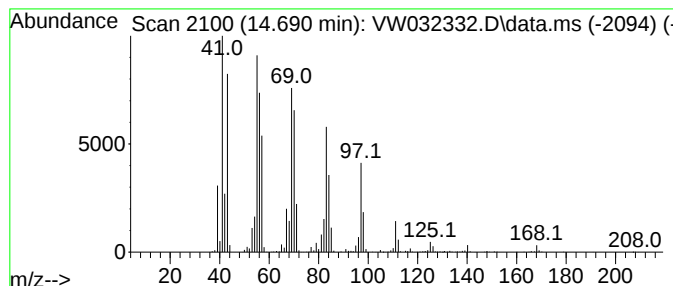
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0282

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 1-Dodecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.690	43.30 ug/l	668523	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Dodecene		168	C12H24	000112-41-4	96
2	2-Dodecene, (Z)-		168	C12H24	007206-26-0	95
3	n-Tridecan-1-ol		200	C13H28O	000112-70-9	91
4	1-Undecanol		172	C11H24O	000112-42-5	91
5	2-Nonanol, trifluoroacetate		240	C11H19F3O2	263911-21-3	86



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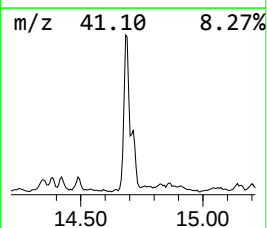
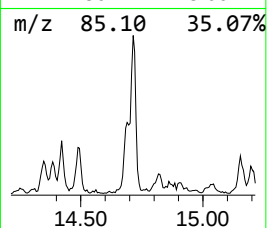
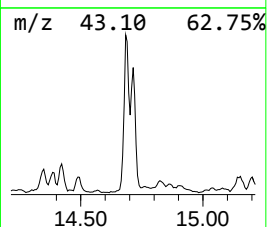
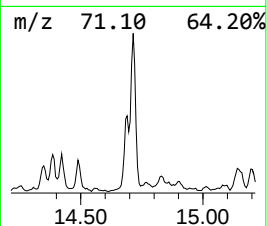
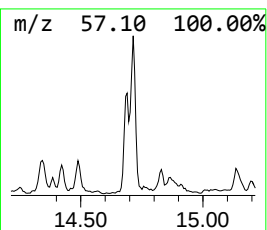
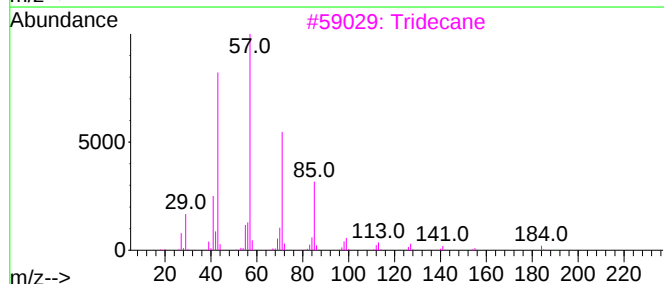
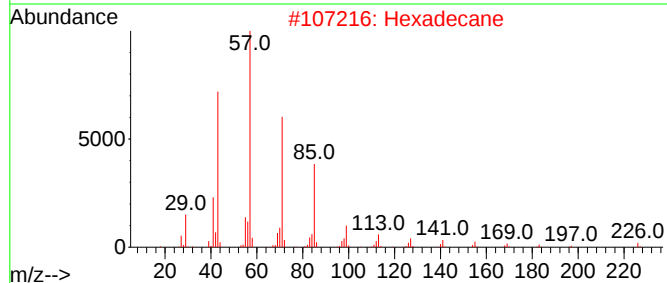
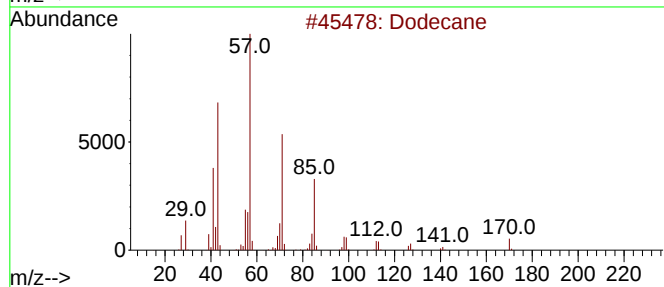
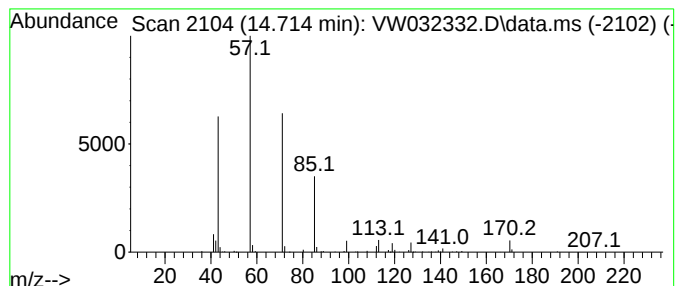
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Quant Title : SW846 8260

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

Peak Number 8 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	15.35 ug/l	236930	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	86
2			Hexadecane	226	C16H34	000544-76-3	72
3			Tridecane	184	C13H28	000629-50-5	72
4			Undecane	156	C11H24	001120-21-4	72
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



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ClientSampleId :
MOO-25-0282

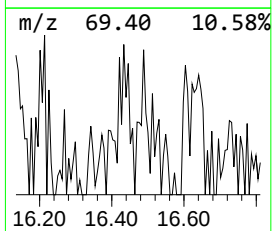
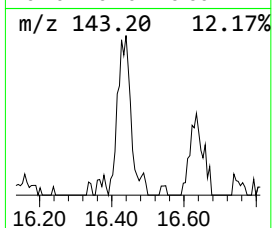
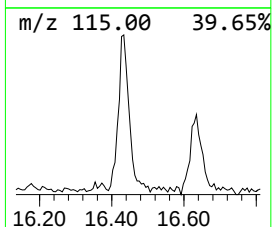
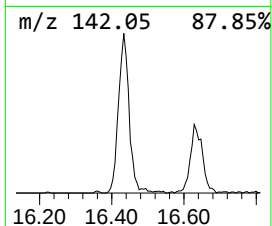
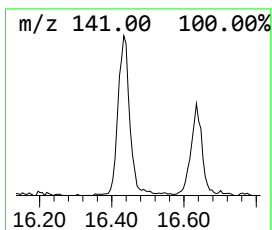
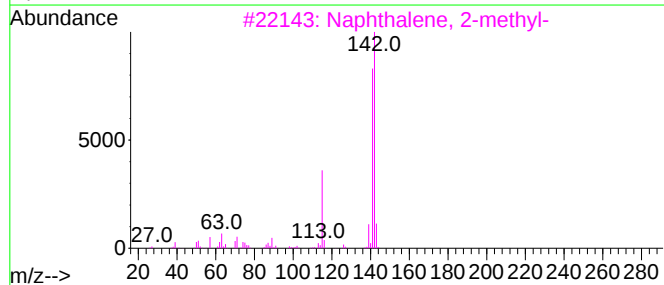
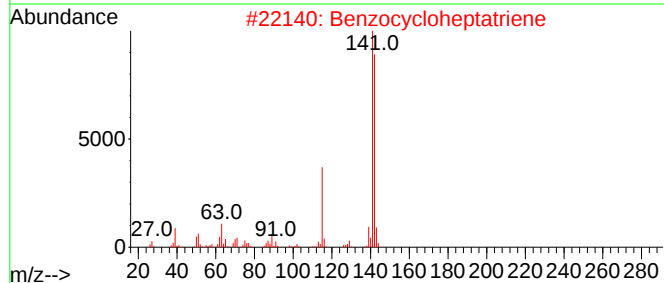
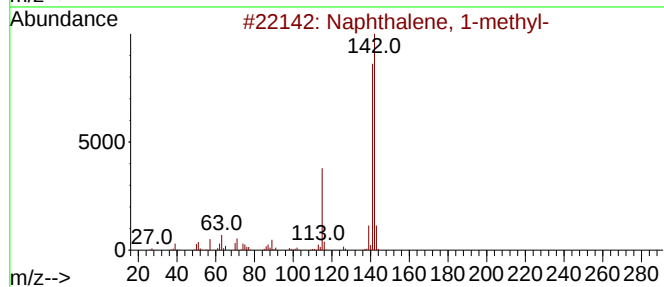
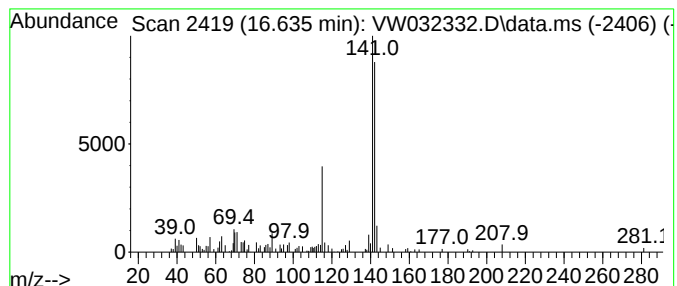
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Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	5.33 ug/l	82246	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2			Benzocycloheptatriene	142	C11H10	000264-09-5	91
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032332.D
Acq On : 02 Oct 2025 15:03
Operator : SY/MD
Sample : Q3262-04
Misc : 4.50g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0282

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.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
n-Hexane	5.972	43.7	ug/l	504650	1	7.965	577783	50.0
Undecane	13.867	13.9	ug/l	214575	4	13.556	771908	50.0
1-Dodecene	14.690	43.3	ug/l	668523	4	13.556	771908	50.0
Dodecane	14.714	15.4	ug/l	236930	4	13.556	771908	50.0
Benzocyclohepta...	16.634	5.3	ug/l	82246	4	13.556	771908	50.0