

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032461.D
 Acq On : 17 Nov 2025 16:23
 Operator : SY/MD
 Sample : Q3646-01
 Misc : 6.70g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-11142025

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\82W111025S.M
 Title : SW846 8260

Signal : TIC: VW032461.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.960	490	504	520	rBV2	29553	126339	6.14%	0.335%
2	5.966	658	669	683	rBV3	16734	56039	2.72%	0.149%
3	7.898	970	986	991	rBV	209847	509147	24.76%	1.350%
4	7.959	991	996	1009	rVB	283610	635935	30.92%	1.686%
5	8.319	1044	1055	1066	rBV	224611	497660	24.20%	1.320%
6	8.849	1132	1142	1152	rBV	600408	1185426	57.64%	3.143%
7	10.325	1377	1384	1395	rBV	816305	1460856	71.03%	3.873%
8	10.849	1464	1470	1478	rVB3	12607	25353	1.23%	0.067%
9	11.233	1528	1533	1538	rVB3	12025	20580	1.00%	0.055%
10	11.410	1554	1562	1565	rBV4	12102	27102	1.32%	0.072%
11	11.629	1590	1598	1609	rBV	941826	1616748	78.61%	4.287%
12	11.843	1623	1633	1636	rBV	41155	85724	4.17%	0.227%
13	11.910	1642	1644	1650	rVB3	14920	23768	1.16%	0.063%
14	12.135	1674	1681	1683	rBV3	34874	67008	3.26%	0.178%
15	12.245	1694	1699	1704	rVB3	36624	63502	3.09%	0.168%
16	12.367	1709	1719	1726	rVV9	30257	118403	5.76%	0.314%
17	12.471	1730	1736	1739	rBV6	20656	45135	2.19%	0.120%
18	12.538	1744	1747	1749	rVV2	45415	64895	3.16%	0.172%
19	12.562	1749	1751	1753	rVV3	43295	54875	2.67%	0.146%
20	12.611	1753	1759	1769	rVB2	768996	1606321	78.10%	4.259%
21	12.775	1782	1786	1792	rVB3	60251	109187	5.31%	0.290%
22	12.861	1792	1800	1803	rBV6	44558	106004	5.15%	0.281%
23	12.928	1803	1811	1818	rVV2	537827	1040355	50.58%	2.759%
24	12.989	1818	1821	1825	rVB2	42814	59336	2.89%	0.157%
25	13.098	1831	1839	1845	rBV4	98417	313687	15.25%	0.832%
26	13.159	1845	1849	1855	rVB2	177575	286704	13.94%	0.760%
27	13.287	1867	1870	1874	rVB2	45485	58478	2.84%	0.155%
28	13.336	1875	1878	1881	rBV2	42167	53168	2.59%	0.141%
29	13.440	1887	1895	1899	rBV2	215688	440985	21.44%	1.169%
30	13.483	1899	1902	1905	rVV2	160775	259893	12.64%	0.689%
31	13.550	1909	1913	1922	rVV2	970827	2056649	100.00%	5.453%
32	13.617	1922	1924	1931	rVB2	120130	166250	8.08%	0.441%
33	13.714	1932	1940	1942	rBV6	85418	201051	9.78%	0.533%
34	13.745	1942	1945	1948	rVV2	169960	238973	11.62%	0.634%
35	13.781	1948	1951	1959	rVB2	291724	504638	24.54%	1.338%
36	13.867	1960	1965	1971	rBV	1198319	1820916	88.54%	4.828%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032461.D
 Acq On : 17 Nov 2025 16:23
 Operator : SY/MD
 Sample : Q3646-01
 Misc : 6.70g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-11142025

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\82W111025S.M
 Title : SW846 8260

37	13.946	1974	1978	1981	rVV	167060	242717	11.80%	0.644%
38	14.031	1985	1992	1996	rBV2	166339	379370	18.45%	1.006%
39	14.086	1997	2001	2006	rVB	307507	464108	22.57%	1.231%
40	14.196	2014	2019	2024	rBV2	396277	662621	32.22%	1.757%
41	14.251	2024	2028	2036	rVV6	88217	220529	10.72%	0.585%
42	14.336	2036	2042	2046	rBV4	289169	593359	28.85%	1.573%
43	14.379	2046	2049	2052	rVV3	323209	539363	26.23%	1.430%
44	14.415	2052	2055	2058	rVV2	312747	535863	26.06%	1.421%
45	14.452	2058	2061	2064	rVV	355563	487906	23.72%	1.294%
46	14.495	2064	2068	2071	rVV2	338493	488295	23.74%	1.295%
47	14.537	2071	2075	2082	rVB3	206897	395709	19.24%	1.049%
48	14.635	2082	2091	2095	rBV2	161840	377559	18.36%	1.001%
49	14.714	2100	2104	2110	rVB2	1215481	1830435	89.00%	4.853%
50	14.787	2110	2116	2122	rBV3	743511	2006668	97.57%	5.321%
51	14.952	2138	2143	2149	rVB	443693	739936	35.98%	1.962%
52	15.055	2156	2160	2164	rBV2	324271	571148	27.77%	1.514%
53	15.165	2172	2178	2186	rVB4	363768	897200	43.62%	2.379%
54	15.238	2186	2190	2197	rVB4	218284	455129	22.13%	1.207%
55	15.311	2197	2202	2212	rVB5	399615	770791	37.48%	2.044%
56	15.415	2213	2219	2223	rBV	333587	632205	30.74%	1.676%
57	15.464	2223	2227	2228	rBV3	132018	172116	8.37%	0.456%
58	15.543	2235	2240	2249	rVB	1035419	1817337	88.36%	4.819%
59	15.647	2249	2257	2263	rBV4	255170	685786	33.34%	1.818%
60	15.720	2265	2269	2274	rVB4	120698	200498	9.75%	0.532%
61	15.811	2279	2284	2287	rBV3	135705	277233	13.48%	0.735%
62	15.854	2287	2291	2301	rVB	516025	925094	44.98%	2.453%
63	15.939	2301	2305	2309	rBV2	82107	132988	6.47%	0.353%
64	16.000	2310	2315	2316	rBV2	137314	197005	9.58%	0.522%
65	16.165	2332	2342	2347	rBV3	392013	1058019	51.44%	2.805%
66	16.275	2355	2360	2365	rVB2	158801	285850	13.90%	0.758%
67	16.366	2368	2375	2381	rVV3	400658	896738	43.60%	2.378%
68	16.433	2381	2386	2389	rVV2	117487	254674	12.38%	0.675%
69	16.482	2389	2394	2399	rVB	607683	1054114	51.25%	2.795%
70	16.641	2412	2420	2425	rBV8	106807	318918	15.51%	0.846%
71	16.769	2437	2441	2444	rBV2	75876	139978	6.81%	0.371%

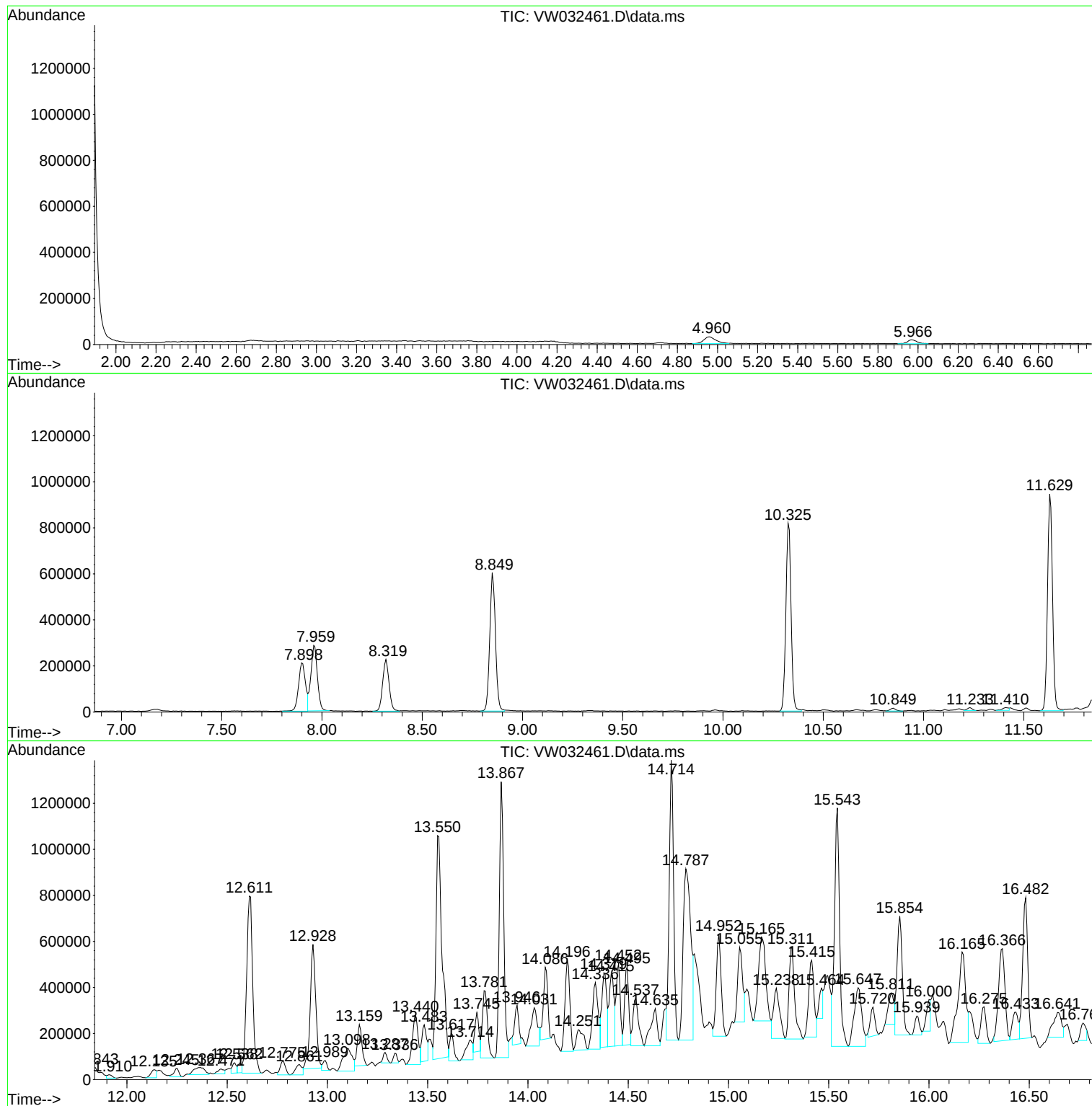
Sum of corrected areas: 37714349

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032461.D
Acq On : 17 Nov 2025 16:23
Operator : SY/MD
Sample : Q3646-01
Misc : 6.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032461.D
Acq On : 17 Nov 2025 16:23
Operator : SY/MD
Sample : Q3646-01
Misc : 6.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

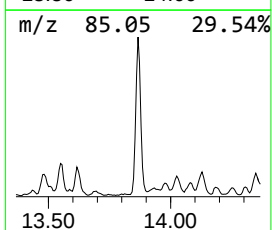
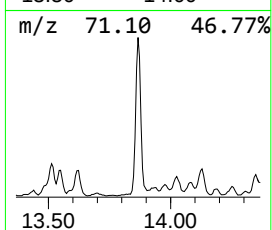
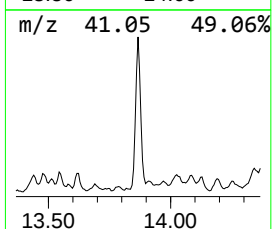
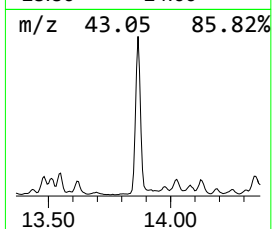
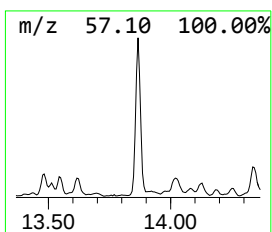
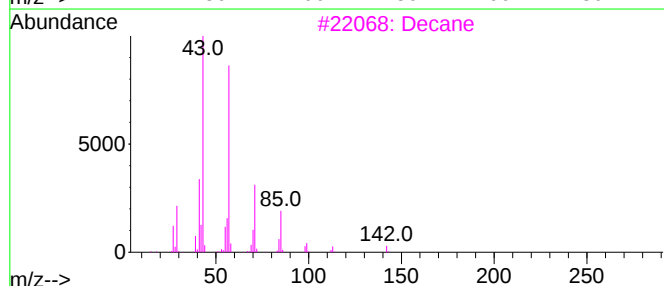
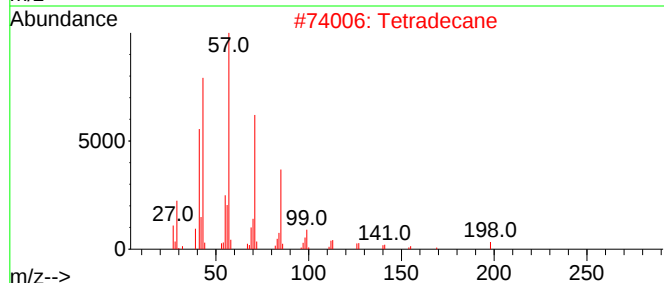
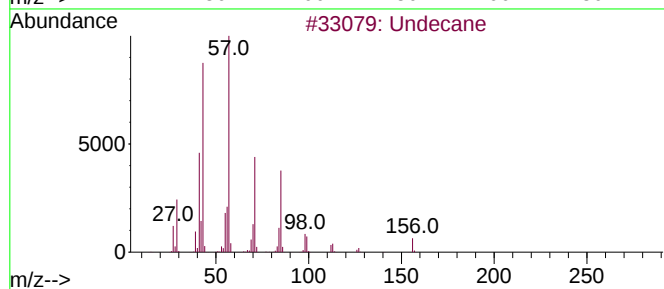
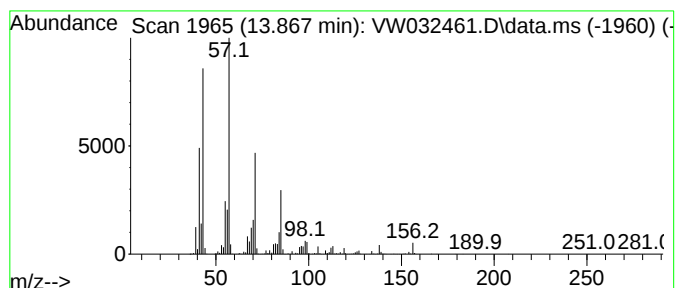
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.867	44.27 ug/l	1820920	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	95
2	Tetradecane			198	C14H30	000629-59-4	86
3	Decane			142	C10H22	000124-18-5	78
4	Hexadecane			226	C16H34	000544-76-3	64
5	Tridecane			184	C13H28	000629-50-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032461.D
Acq On : 17 Nov 2025 16:23
Operator : SY/MD
Sample : Q3646-01
Misc : 6.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

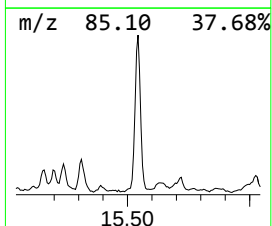
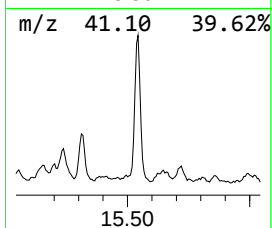
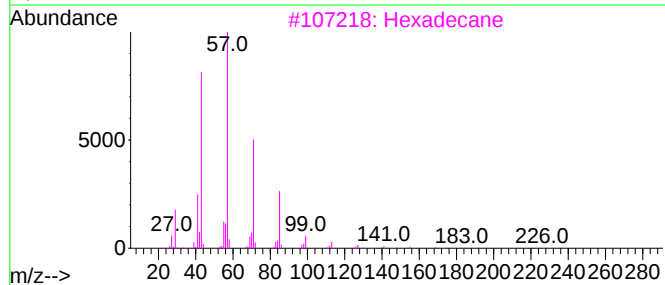
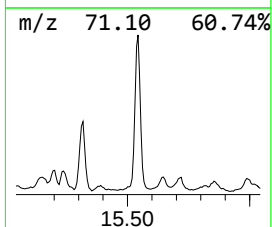
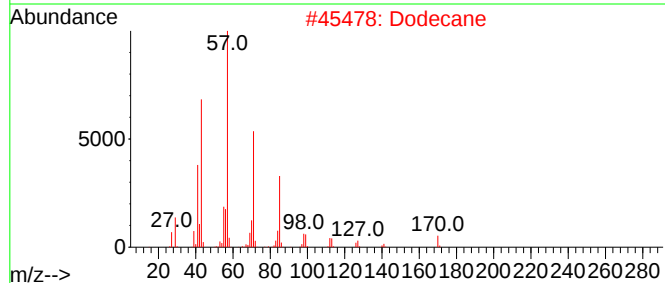
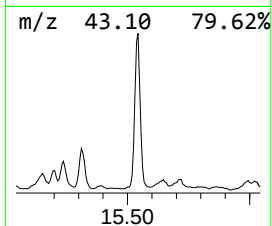
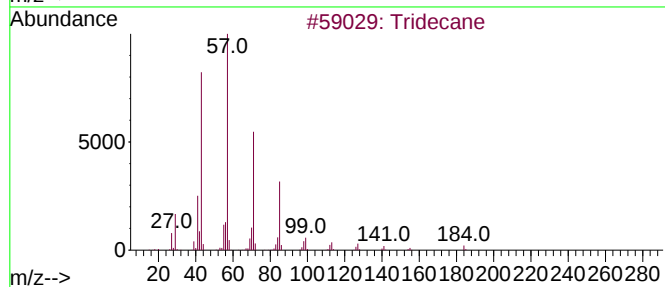
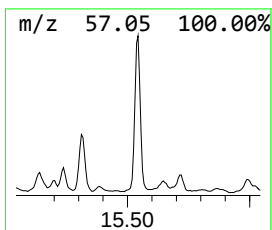
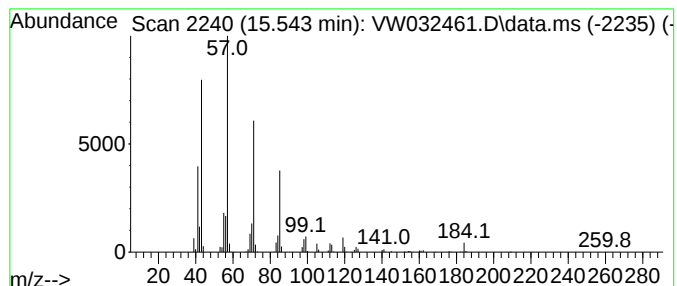
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 6 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	44.18 ug/l	1817340	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Dodecane	170	C12H26	000112-40-3	80
3			Hexadecane	226	C16H34	000544-76-3	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032461.D
Acq On : 17 Nov 2025 16:23
Operator : SY/MD
Sample : Q3646-01
Misc : 6.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

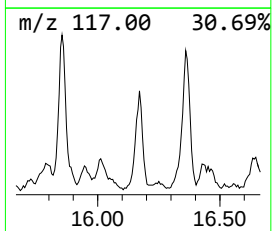
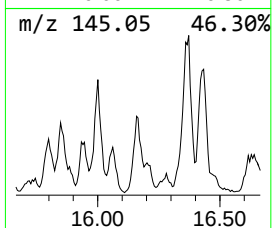
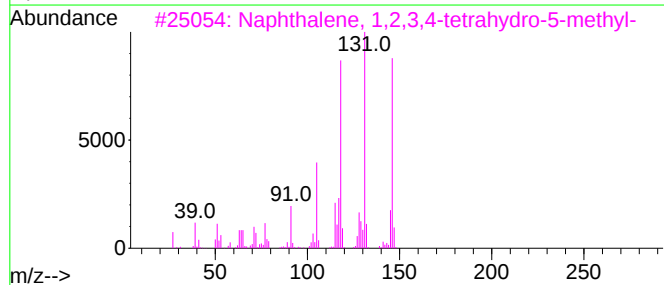
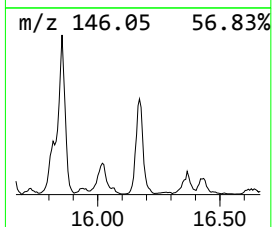
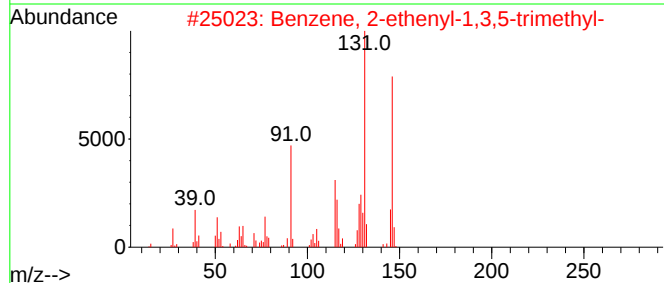
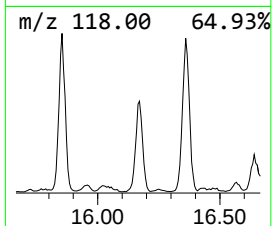
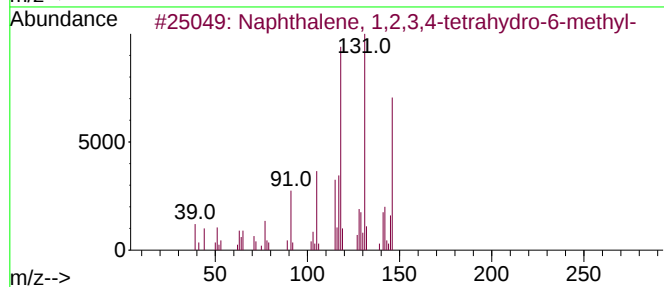
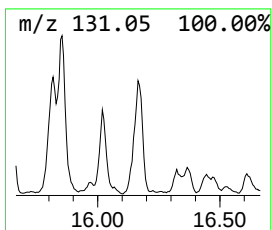
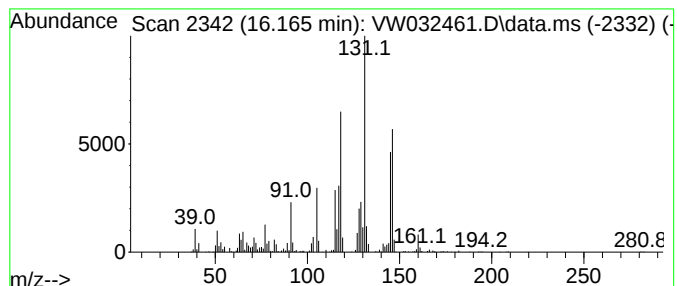
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	25.72 ug/l	1058020	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032461.D
Acq On : 17 Nov 2025 16:23
Operator : SY/MD
Sample : Q3646-01
Misc : 6.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

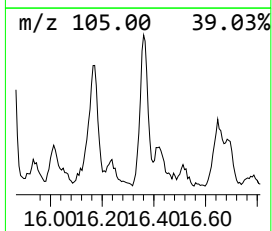
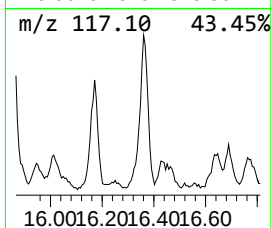
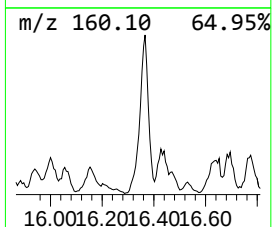
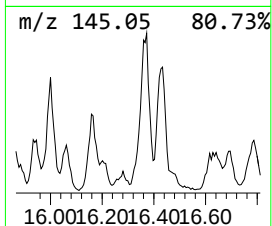
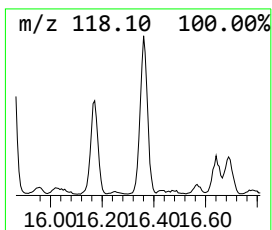
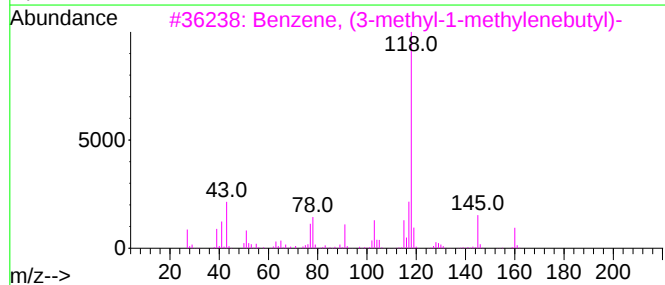
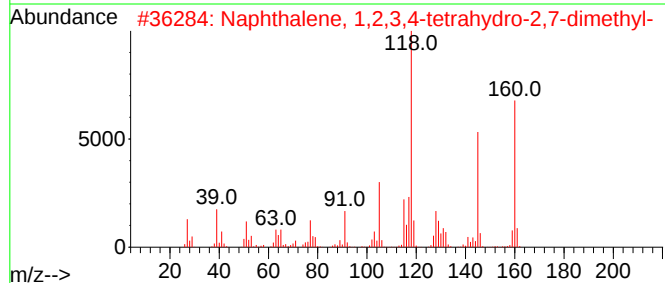
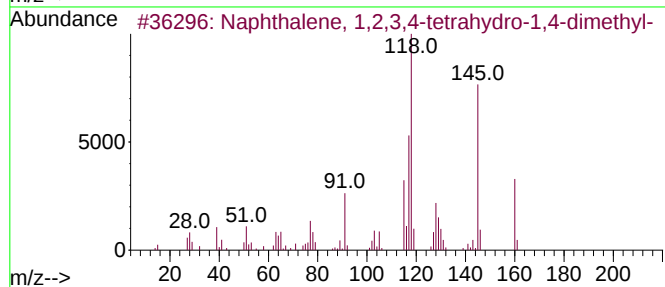
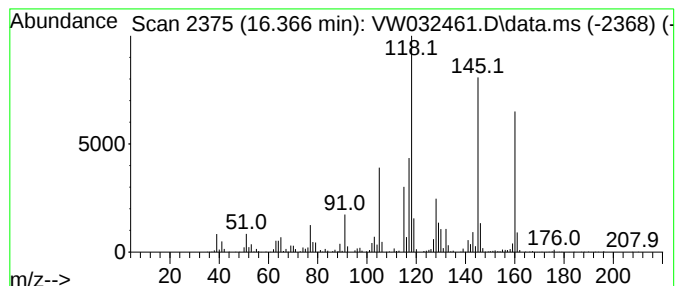
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.366	21.80 ug/l	896738	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3			Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	64
4			Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	58
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032461.D
Acq On : 17 Nov 2025 16:23
Operator : SY/MD
Sample : Q3646-01
Misc : 6.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

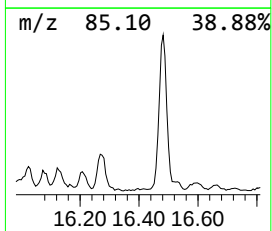
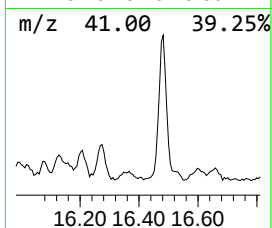
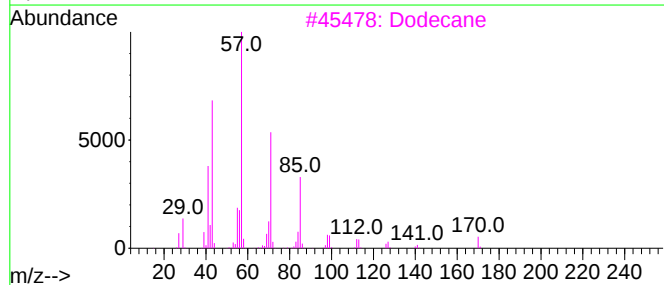
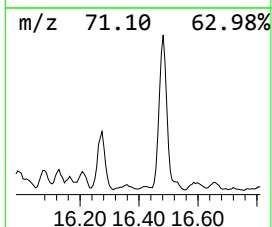
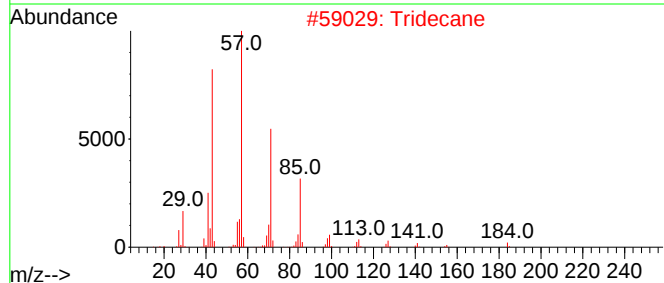
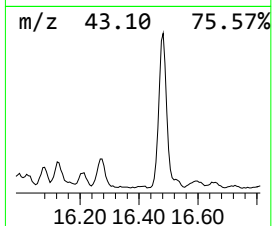
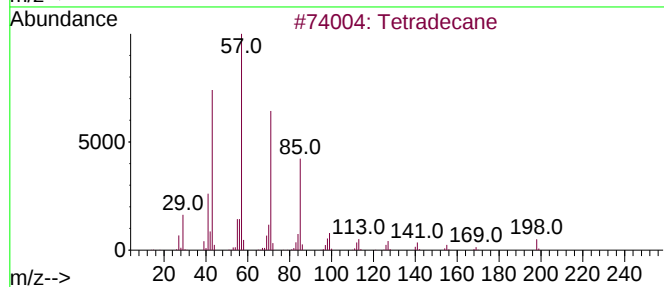
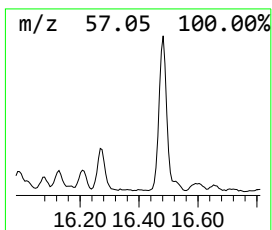
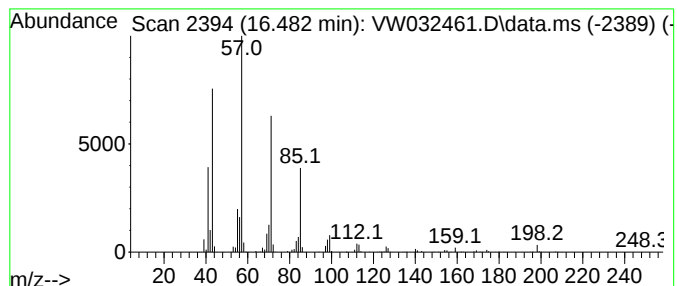
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	25.63 ug/l	1054110	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tridecane	184	C13H28	000629-50-5	90
3			Dodecane	170	C12H26	000112-40-3	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032461.D
Acq On : 17 Nov 2025 16:23
Operator : SY/MD
Sample : Q3646-01
Misc : 6.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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
Undecane	13.867	44.3	ug/l	1820920	4	13.556	2056650	50.0
Tridecane	15.543	44.2	ug/l	1817340	4	13.556	2056650	50.0
Naphthalene, 1,...	16.165	25.7	ug/l	1058020	4	13.556	2056650	50.0
Naphthalene, 1,...	16.366	21.8	ug/l	896738	4	13.556	2056650	50.0
Tetradecane	16.482	25.6	ug/l	1054110	4	13.556	2056650	50.0