

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032357.D
 Acq On : 06 Oct 2025 14:27
 Operator : SY/MD
 Sample : Q3288-01
 Misc : 5.13g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-01-100325

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: VW032357.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	493	503	516	rBV3	11525	46994	3.46%	0.387%
2	5.972	656	670	680	rBV6	8558	28505	2.10%	0.235%
3	7.173	856	867	875	rBV	25470	74317	5.46%	0.612%
4	7.898	974	986	991	rBV	189453	457686	33.65%	3.770%
5	7.959	991	996	1016	rVB	240473	564954	41.54%	4.653%
6	8.319	1047	1055	1073	rVB	208606	459531	33.79%	3.785%
7	8.849	1133	1142	1159	rBV	446298	909360	66.86%	7.490%
8	10.331	1375	1385	1393	rBV	731751	1324997	97.42%	10.913%
9	10.703	1440	1446	1452	rVB	22450	40521	2.98%	0.334%
10	11.062	1498	1505	1518	rBV2	36596	70849	5.21%	0.584%
11	11.629	1590	1598	1611	rBV	714566	1239432	91.13%	10.208%
12	11.843	1624	1633	1642	rBV4	20926	46964	3.45%	0.387%
13	12.135	1674	1681	1684	rBV5	9463	20324	1.49%	0.167%
14	12.166	1684	1686	1694	rVV3	10400	19462	1.43%	0.160%
15	12.251	1694	1700	1704	rVB2	10514	17663	1.30%	0.145%
16	12.367	1709	1719	1726	rBV7	10373	37225	2.74%	0.307%
17	12.617	1754	1760	1770	rVB	557813	910481	66.94%	7.499%
18	12.782	1782	1787	1793	rVB5	11920	25838	1.90%	0.213%
19	12.861	1794	1800	1803	rBV3	22170	39785	2.93%	0.328%
20	12.928	1803	1811	1818	rVV2	114908	250694	18.43%	2.065%
21	12.989	1818	1821	1826	rVB2	18765	27037	1.99%	0.223%
22	13.074	1831	1835	1837	rBV3	12343	18667	1.37%	0.154%
23	13.111	1837	1841	1845	rVV4	11040	23742	1.75%	0.196%
24	13.160	1845	1849	1855	rVB2	42058	66279	4.87%	0.546%
25	13.251	1856	1864	1867	rBV3	25476	46161	3.39%	0.380%
26	13.288	1867	1870	1875	rVB4	12467	16217	1.19%	0.134%
27	13.336	1875	1878	1882	rBV4	10790	17375	1.28%	0.143%
28	13.440	1889	1895	1899	rBV4	42518	84367	6.20%	0.695%
29	13.483	1899	1902	1905	rVV2	21360	28416	2.09%	0.234%
30	13.556	1908	1914	1922	rVB	839767	1360106	100.00%	11.202%
31	13.623	1922	1925	1930	rVB2	27922	37349	2.75%	0.308%
32	13.690	1931	1936	1937	rBV4	11302	17707	1.30%	0.146%
33	13.745	1941	1945	1948	rBV3	28484	37568	2.76%	0.309%
34	13.788	1948	1952	1961	rVB3	34546	73683	5.42%	0.607%
35	13.867	1961	1965	1971	rBV2	167072	280666	20.64%	2.312%
36	14.031	1985	1992	1996	rBV3	32040	77535	5.70%	0.639%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032357.D
 Acq On : 06 Oct 2025 14:27
 Operator : SY/MD
 Sample : Q3288-01
 Misc : 5.13g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-01-100325

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

37	14.092	1998	2002	2005	rVB	42103	61249	4.50%	0.504%
38	14.129	2005	2008	2014	rVB5	22411	38065	2.80%	0.314%
39	14.196	2014	2019	2024	rBV2	56539	99713	7.33%	0.821%
40	14.257	2024	2029	2036	rBV6	21633	49830	3.66%	0.410%
41	14.336	2036	2042	2045	rBV5	36111	80568	5.92%	0.664%
42	14.379	2045	2049	2053	rVB4	59889	82964	6.10%	0.683%
43	14.415	2053	2055	2058	rVB2	23717	24576	1.81%	0.202%
44	14.452	2058	2061	2064	rVB	38796	49525	3.64%	0.408%
45	14.495	2064	2068	2071	rBV5	45493	61228	4.50%	0.504%
46	14.537	2071	2075	2081	rVB4	44788	75818	5.57%	0.624%
47	14.598	2081	2085	2088	rBV4	19906	33164	2.44%	0.273%
48	14.635	2088	2091	2095	rVB2	28805	39267	2.89%	0.323%
49	14.684	2095	2099	2100	rBV3	32540	41550	3.05%	0.342%
50	14.714	2100	2104	2111	rVB4	120079	206459	15.18%	1.700%
51	14.800	2111	2118	2123	rBV4	120909	341155	25.08%	2.810%
52	14.952	2139	2143	2148	rVB	75584	124019	9.12%	1.021%
53	15.056	2156	2160	2164	rBV3	55088	86731	6.38%	0.714%
54	15.171	2172	2179	2186	rVB3	62637	150478	11.06%	1.239%
55	15.318	2198	2203	2211	rBV4	58491	117696	8.65%	0.969%
56	15.415	2214	2219	2223	rBV2	69229	117832	8.66%	0.971%
57	15.470	2223	2228	2229	rBV4	28545	44215	3.25%	0.364%
58	15.543	2237	2240	2249	rVB3	67976	131195	9.65%	1.081%
59	15.647	2250	2257	2263	rBV4	59740	141799	10.43%	1.168%
60	15.812	2278	2284	2286	rBV4	34395	68602	5.04%	0.565%
61	15.854	2287	2291	2299	rVB2	141341	261522	19.23%	2.154%
62	15.940	2301	2305	2310	rVB4	19905	30443	2.24%	0.251%
63	16.013	2311	2317	2324	rBV4	32533	82447	6.06%	0.679%
64	16.171	2335	2343	2356	rVB2	97967	239336	17.60%	1.971%
65	16.269	2356	2359	2364	rVB4	16672	30724	2.26%	0.253%
66	16.366	2368	2375	2381	rBV2	97552	205737	15.13%	1.695%
67	16.433	2381	2386	2390	rBV2	30772	64153	4.72%	0.528%
68	16.647	2411	2421	2425	rBV9	34580	107054	7.87%	0.882%
69	16.769	2436	2441	2444	rBV3	25991	53795	3.96%	0.443%

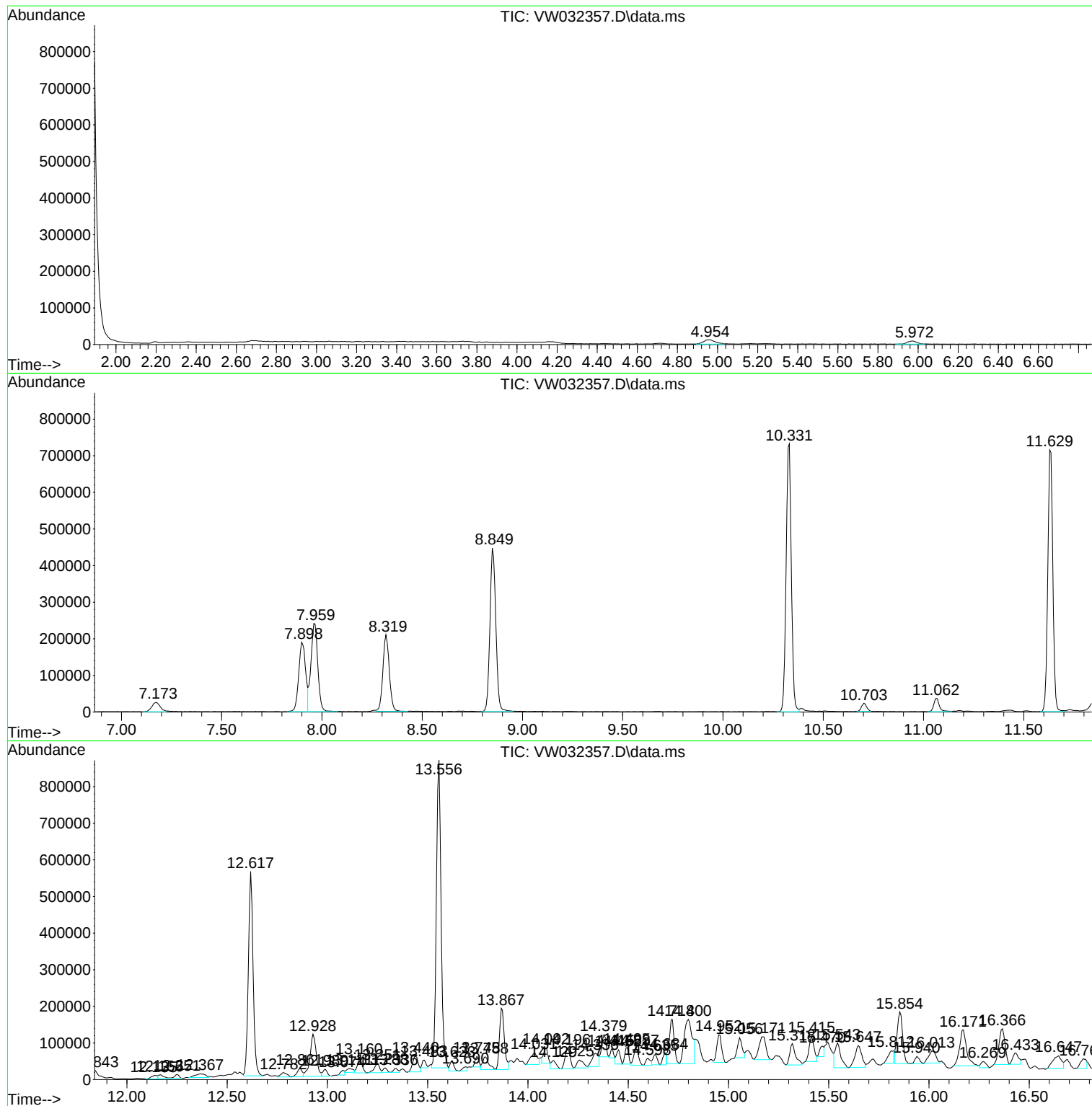
Sum of corrected areas: 12141366

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
Data File : VW032357.D
Acq On : 06 Oct 2025 14:27
Operator : SY/MD
Sample : Q3288-01
Misc : 5.13g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-01-100325

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
Data File : VW032357.D
Acq On : 06 Oct 2025 14:27
Operator : SY/MD
Sample : Q3288-01
Misc : 5.13g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-01-100325

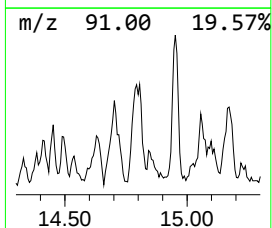
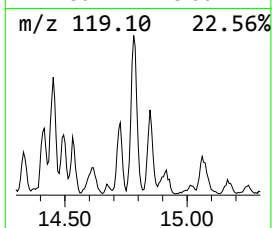
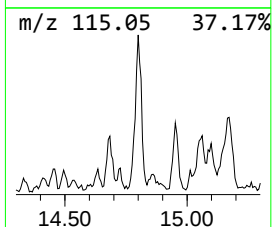
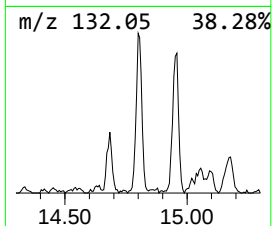
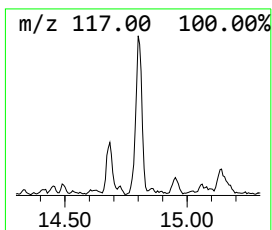
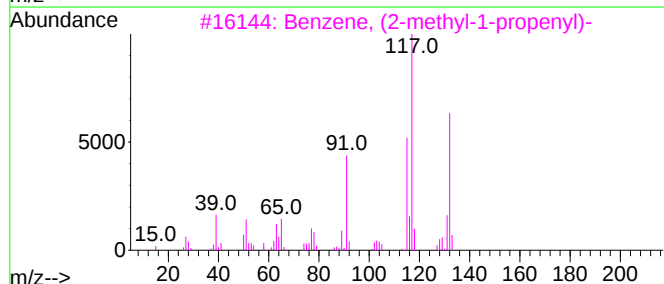
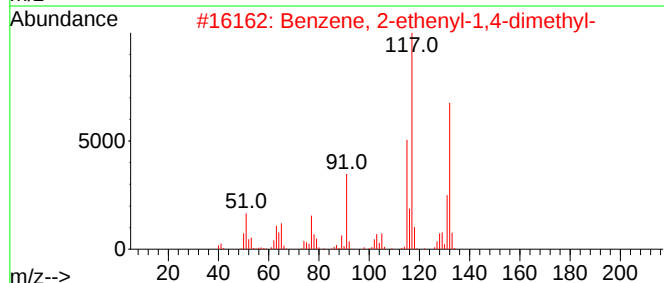
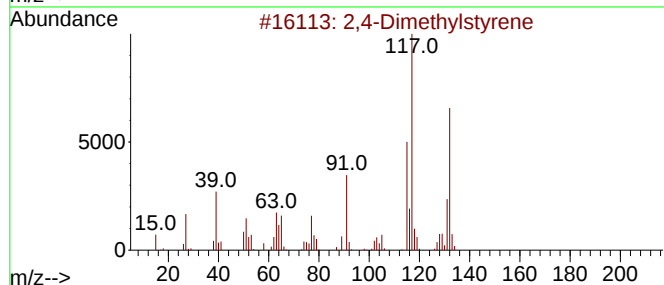
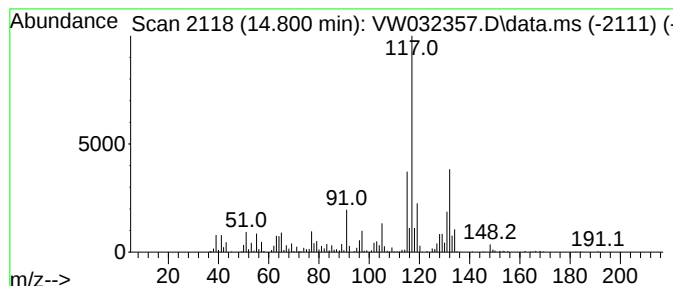
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 5 2,4-Dimethylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.800	12.54 ug/l	341155	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
Data File : VW032357.D
Acq On : 06 Oct 2025 14:27
Operator : SY/MD
Sample : Q3288-01
Misc : 5.13g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-01-100325

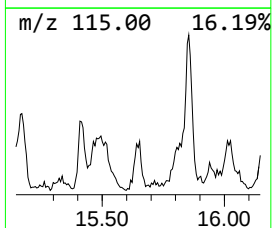
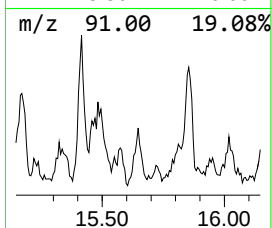
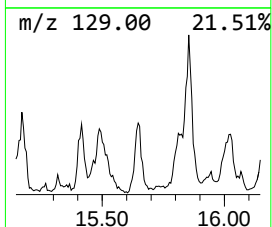
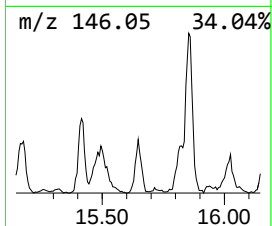
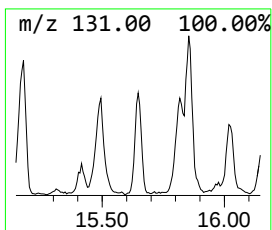
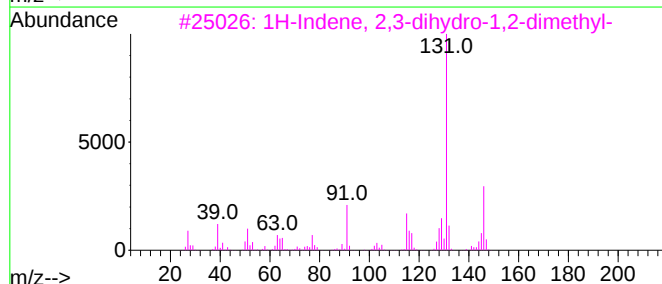
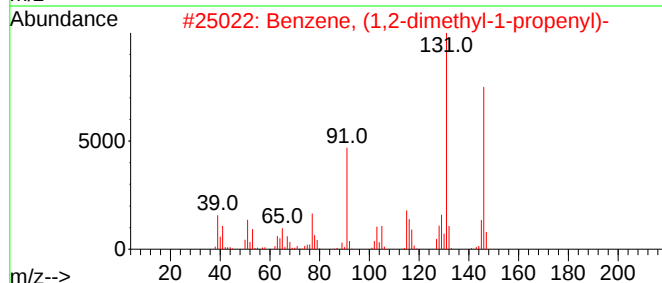
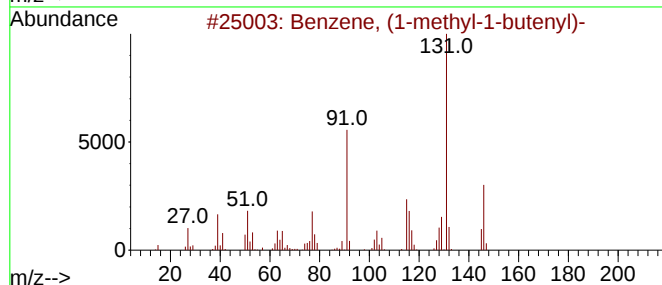
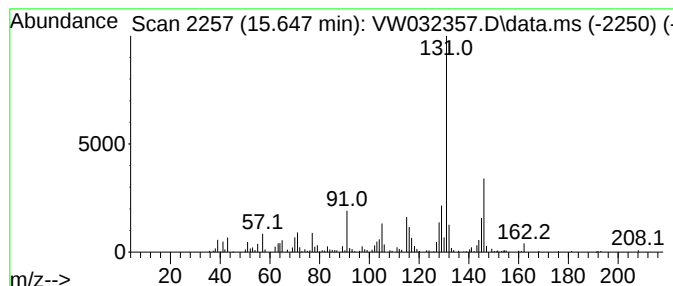
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	5.21 ug/l	141799	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
Data File : VW032357.D
Acq On : 06 Oct 2025 14:27
Operator : SY/MD
Sample : Q3288-01
Misc : 5.13g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-01-100325

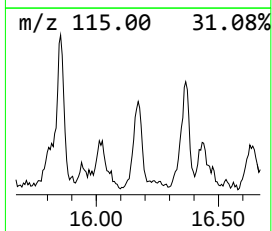
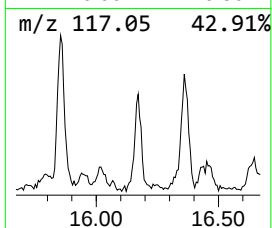
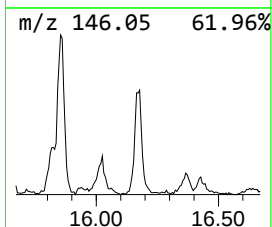
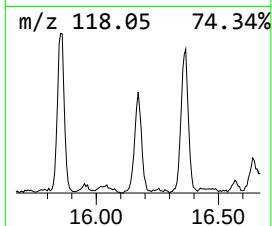
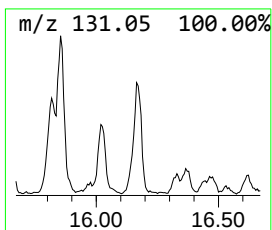
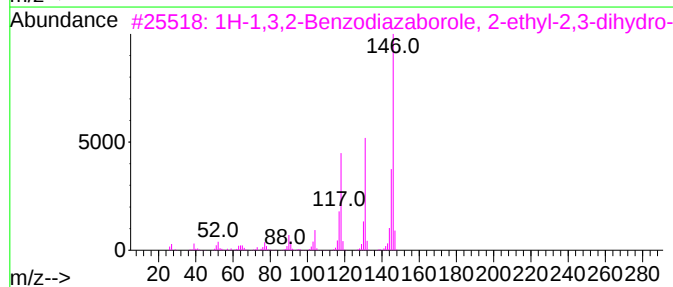
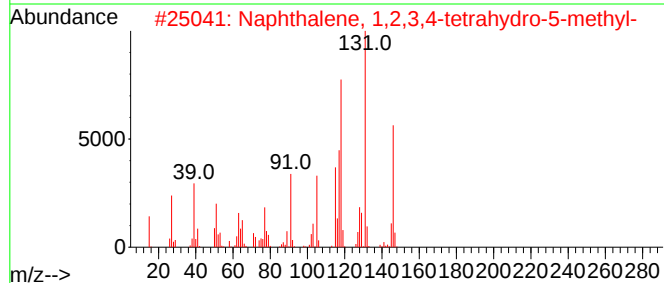
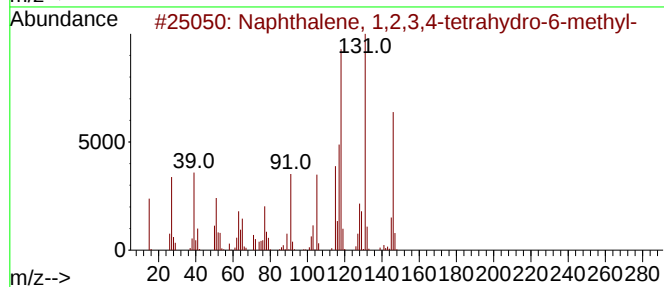
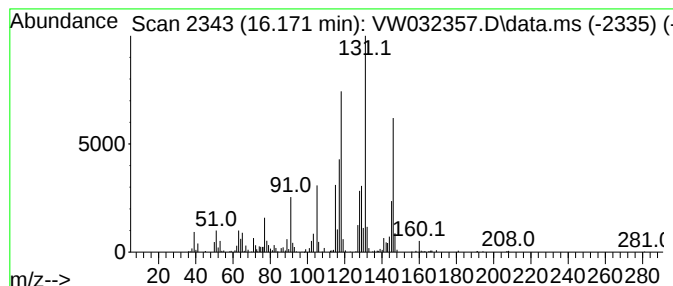
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.171	8.80 ug/l	239336	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	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
4			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	60
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
Data File : VW032357.D
Acq On : 06 Oct 2025 14:27
Operator : SY/MD
Sample : Q3288-01
Misc : 5.13g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-01-100325

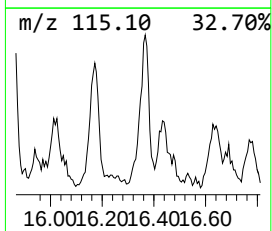
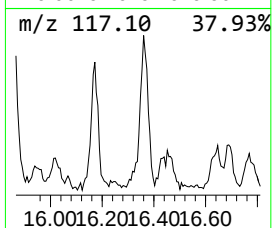
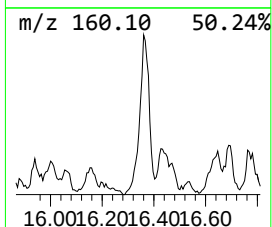
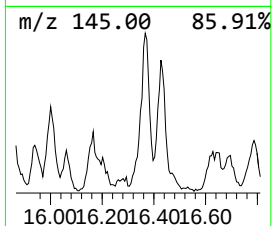
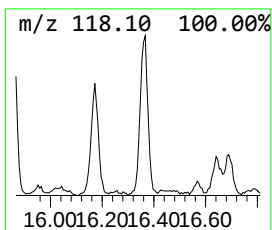
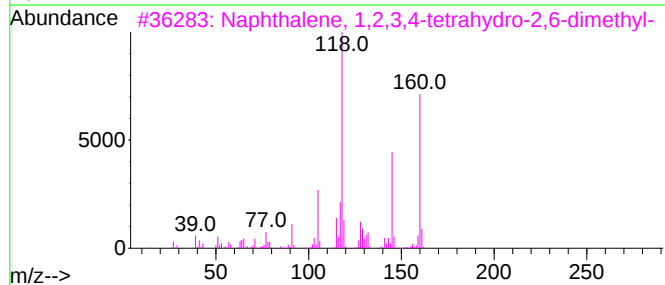
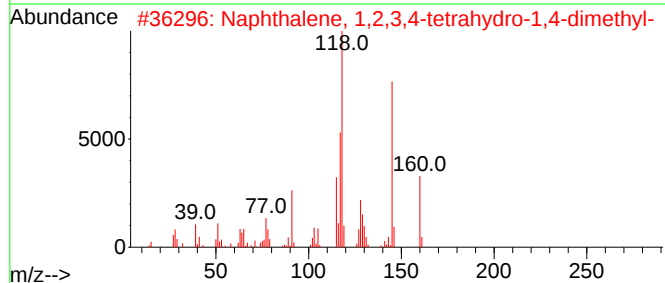
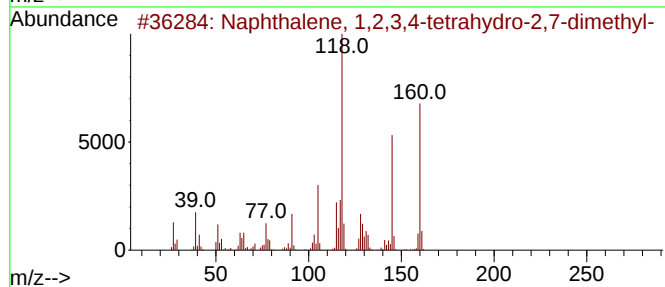
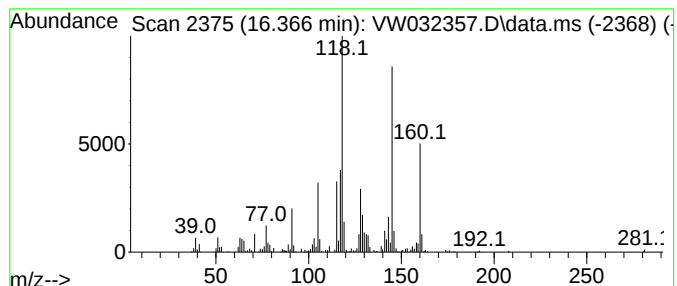
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.366	7.56 ug/l	205737	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	83
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60
5			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
Data File : VW032357.D
Acq On : 06 Oct 2025 14:27
Operator : SY/MD
Sample : Q3288-01
Misc : 5.13g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-01-100325

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
2,4-Dimethylsty...	14.800	12.5	ug/l	341155	4	13.556	1360110	50.0
Benzene, (1-met...	15.647	5.2	ug/l	141799	4	13.556	1360110	50.0
Naphthalene, 1,...	16.171	8.8	ug/l	239336	4	13.556	1360110	50.0
Naphthalene, 1,...	16.366	7.6	ug/l	205737	4	13.556	1360110	50.0