

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032499.D
 Acq On : 19 Nov 2025 13:58
 Operator : SY/MD
 Sample : Q3669-01
 Misc : 4.59g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-11182025

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: VW032499.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	519	rBV3	34990	137141	6.28%	0.435%
2	5.972	660	670	680	rBV2	28219	88797	4.07%	0.282%
3	7.167	858	866	874	rBV2	11678	35328	1.62%	0.112%
4	7.898	972	986	991	rBV	193295	471276	21.59%	1.496%
5	7.959	991	996	1008	rVB	301169	685383	31.40%	2.176%
6	8.319	1045	1055	1067	rBV	193245	435177	19.94%	1.382%
7	8.849	1134	1142	1162	rBV	619643	1252173	57.36%	3.976%
8	10.325	1376	1384	1393	rBV	740392	1335256	61.17%	4.239%
9	10.843	1465	1469	1475	rVB2	13836	23617	1.08%	0.075%
10	11.410	1555	1562	1565	rBV5	10148	21897	1.00%	0.070%
11	11.629	1591	1598	1607	rBV	1000646	1684260	77.16%	5.347%
12	11.727	1608	1614	1619	rBV2	15821	31724	1.45%	0.101%
13	11.843	1623	1633	1636	rBV3	22228	55047	2.52%	0.175%
14	12.166	1674	1686	1694	rBV	78881	198151	9.08%	0.629%
15	12.245	1694	1699	1704	rVB4	12610	24273	1.11%	0.077%
16	12.343	1710	1715	1717	rVV5	12885	25008	1.15%	0.079%
17	12.379	1717	1721	1730	rVB4	19467	42378	1.94%	0.135%
18	12.458	1730	1734	1739	rBV2	13245	26125	1.20%	0.083%
19	12.611	1750	1759	1769	rVB2	857788	1752000	80.26%	5.562%
20	12.782	1782	1787	1788	rBV2	28139	40046	1.83%	0.127%
21	12.861	1794	1800	1803	rBV3	77558	142356	6.52%	0.452%
22	12.897	1803	1806	1808	rVV	80779	97024	4.44%	0.308%
23	12.940	1808	1813	1818	rVB	376493	607372	27.82%	1.928%
24	12.983	1818	1820	1824	rVB3	20561	26408	1.21%	0.084%
25	13.099	1831	1839	1845	rBV	231339	425466	19.49%	1.351%
26	13.160	1845	1849	1857	rVB5	49818	89644	4.11%	0.285%
27	13.245	1858	1863	1867	rBV	81809	125057	5.73%	0.397%
28	13.379	1880	1885	1889	rVB2	51111	73083	3.35%	0.232%
29	13.440	1889	1895	1899	rBV2	180903	303698	13.91%	0.964%
30	13.495	1899	1904	1908	rVB2	82650	141123	6.46%	0.448%
31	13.556	1908	1914	1917	rBV	1025667	1855682	85.01%	5.892%
32	13.714	1933	1940	1941	rBV3	133670	185701	8.51%	0.590%
33	13.745	1941	1945	1948	rVV2	405499	672226	30.79%	2.134%
34	13.781	1948	1951	1961	rVB2	533138	1031358	47.25%	3.274%
35	13.873	1961	1966	1971	rBV2	231893	398276	18.24%	1.264%
36	13.946	1972	1978	1983	rVV	323353	503726	23.08%	1.599%

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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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37	14.007	1983	1988	1990	rVV	151241	243848	11.17%	0.774%
38	14.037	1990	1993	1997	rVV2	224450	387405	17.75%	1.230%
39	14.092	1997	2002	2007	rVB	506558	789929	36.19%	2.508%
40	14.153	2008	2012	2014	rBV	52622	72978	3.34%	0.232%
41	14.196	2014	2019	2024	rVV2	483370	819880	37.56%	2.603%
42	14.245	2024	2027	2029	rVV	49572	65126	2.98%	0.207%
43	14.275	2029	2032	2036	rVB3	83820	123396	5.65%	0.392%
44	14.330	2036	2041	2045	rBV2	257163	389436	17.84%	1.236%
45	14.379	2045	2049	2051	rVV2	101248	138312	6.34%	0.439%
46	14.409	2051	2054	2057	rVV	247420	386763	17.72%	1.228%
47	14.452	2057	2061	2065	rVV	527217	763683	34.98%	2.425%
48	14.495	2065	2068	2071	rVV	226496	307336	14.08%	0.976%
49	14.531	2071	2074	2082	rVB2	194421	345831	15.84%	1.098%
50	14.635	2082	2091	2094	rBV3	179471	376193	17.23%	1.194%
51	14.684	2094	2099	2102	rBV4	226927	402713	18.45%	1.279%
52	14.720	2102	2105	2110	rVB	267409	408422	18.71%	1.297%
53	14.787	2110	2116	2123	rBV3	840842	2182956	100.00%	6.931%
54	14.848	2123	2126	2132	rVB	139468	208958	9.57%	0.663%
55	14.952	2138	2143	2150	rBV	501665	793965	36.37%	2.521%
56	15.019	2150	2154	2155	rBV2	70148	79839	3.66%	0.253%
57	15.056	2156	2160	2164	rBV2	279823	502373	23.01%	1.595%
58	15.171	2172	2179	2188	rVB2	375324	825831	37.83%	2.622%
59	15.251	2188	2192	2197	rVB4	30647	65570	3.00%	0.208%
60	15.312	2197	2202	2207	rBV6	77951	178883	8.19%	0.568%
61	15.409	2213	2218	2223	rBV	289653	549348	25.17%	1.744%
62	15.464	2223	2227	2229	rVV3	142320	263880	12.09%	0.838%
63	15.488	2229	2231	2238	rVB3	146450	300996	13.79%	0.956%
64	15.647	2249	2257	2264	rBV3	152761	368989	16.90%	1.172%
65	15.720	2265	2269	2273	rVV3	48196	98154	4.50%	0.312%
66	15.812	2274	2284	2286	rVV6	145894	405484	18.57%	1.287%
67	15.854	2286	2291	2301	rVV	450654	960260	43.99%	3.049%
68	15.940	2301	2305	2310	rVV6	81105	167742	7.68%	0.533%
69	16.013	2310	2317	2330	rVB5	123714	472802	21.66%	1.501%
70	16.165	2333	2342	2352	rBV2	275006	676976	31.01%	2.149%
71	16.360	2365	2374	2381	rBV2	256112	615641	28.20%	1.955%
72	16.427	2381	2385	2398	rVB5	105903	325424	14.91%	1.033%
73	16.641	2411	2420	2424	rBV7	80555	236766	10.85%	0.752%
74	16.689	2425	2428	2433	rVB2	45139	72141	3.30%	0.229%
75	16.775	2436	2442	2444	rBV4	40678	79635	3.65%	0.253%

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ClientSampleId :
EO-01-11182025

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

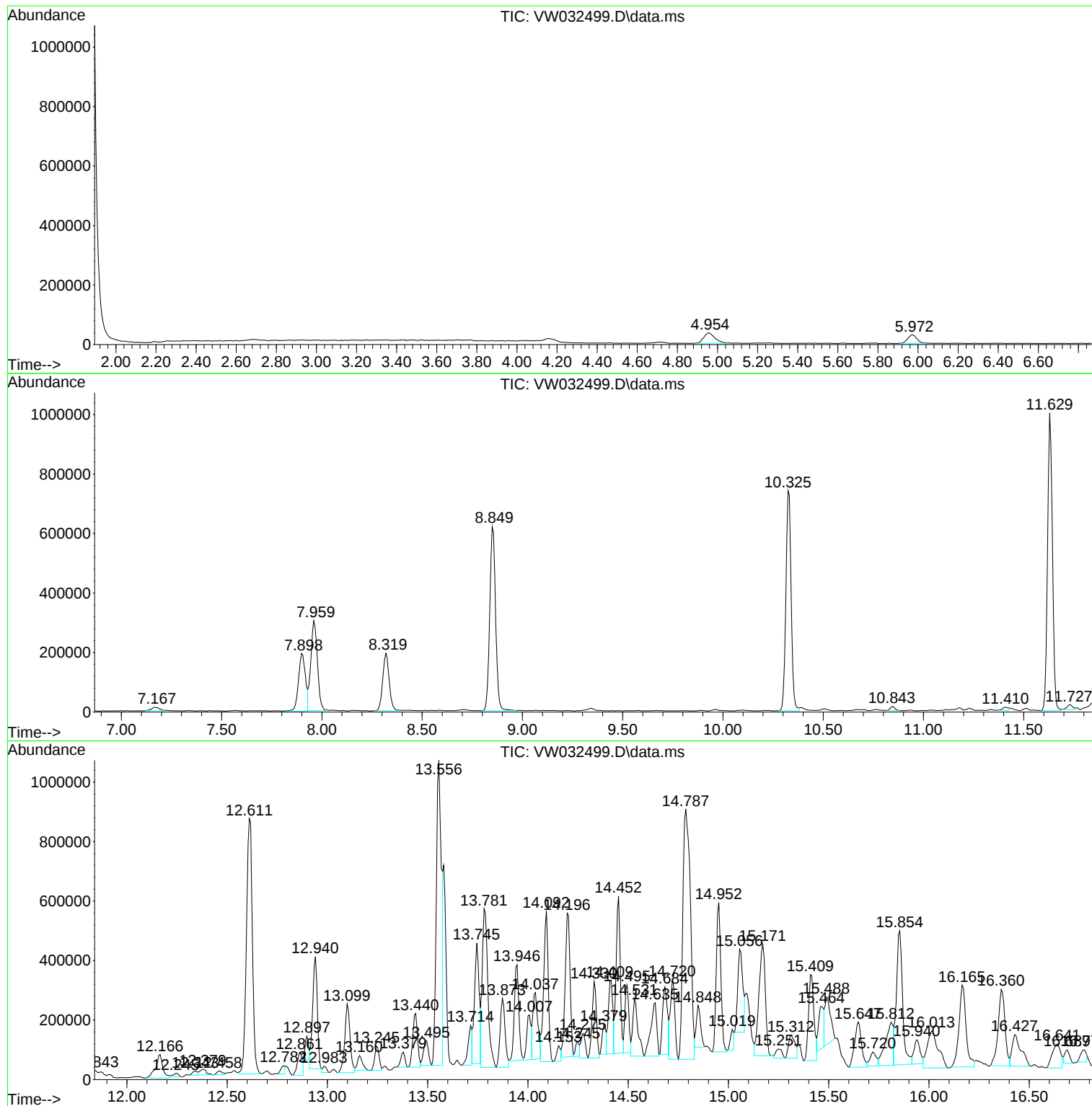
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
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Operator : SY/MD
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-11182025

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\VW111925\
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Operator : SY/MD
Sample : Q3669-01
Misc : 4.59g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-11182025

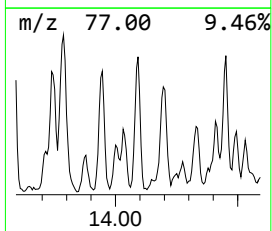
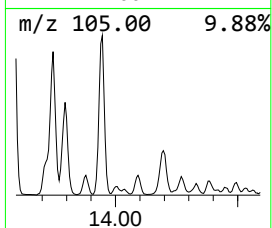
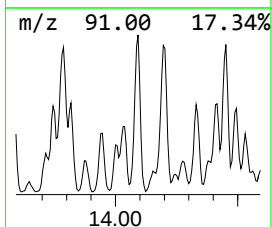
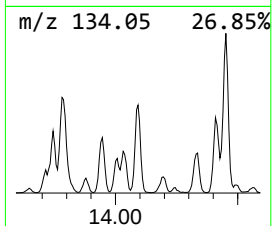
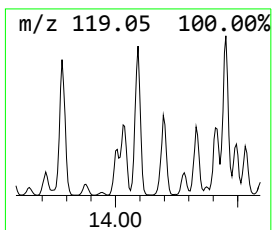
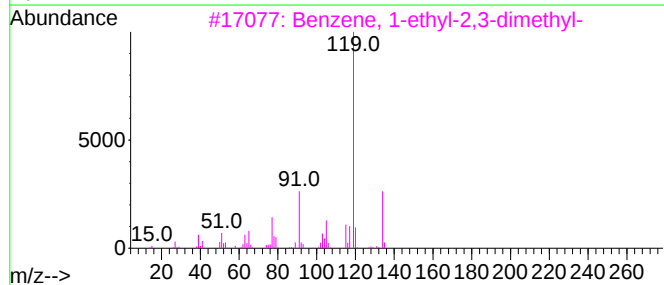
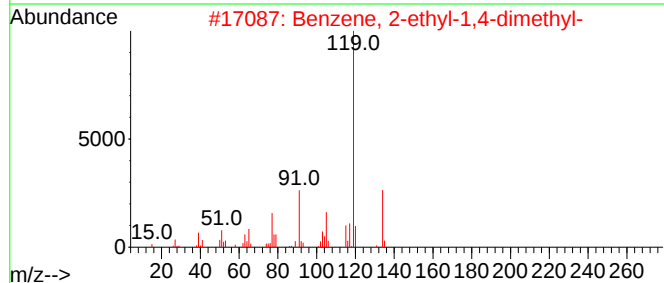
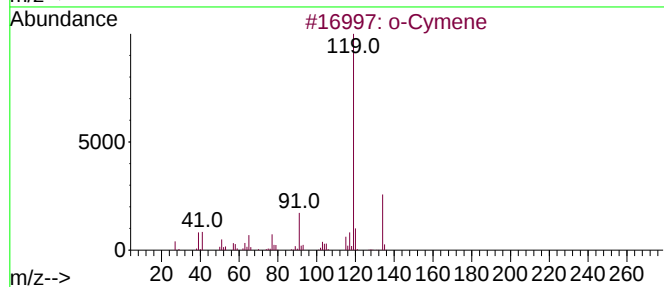
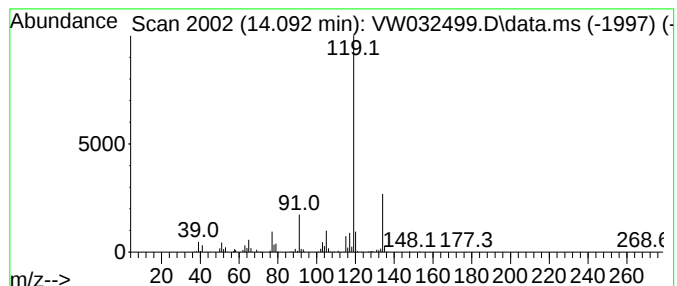
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	21.28 ug/l	789929	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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Misc : 4.59g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-11182025

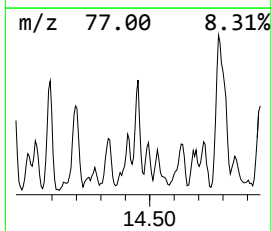
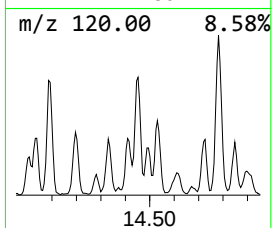
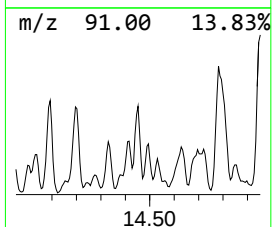
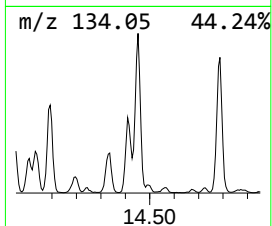
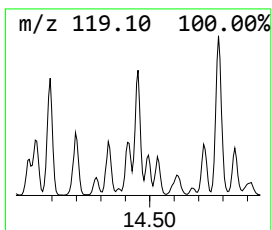
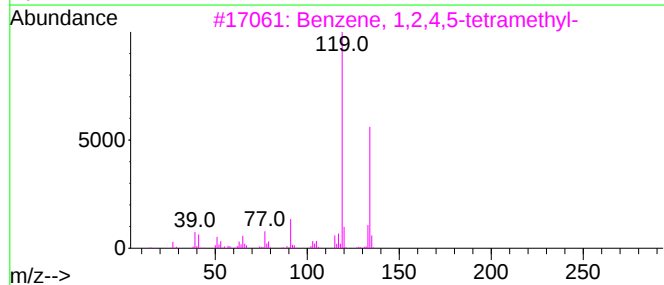
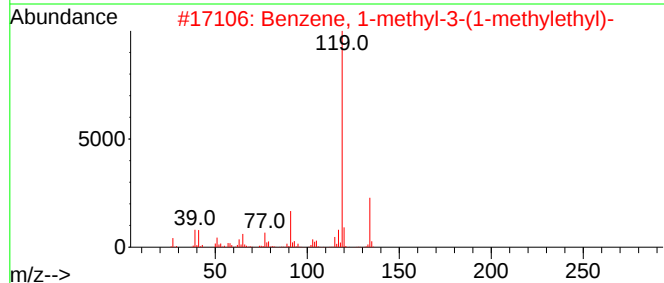
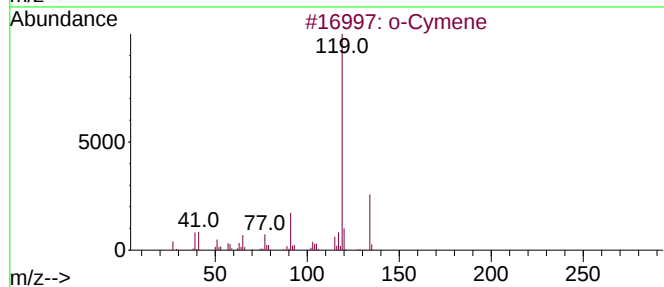
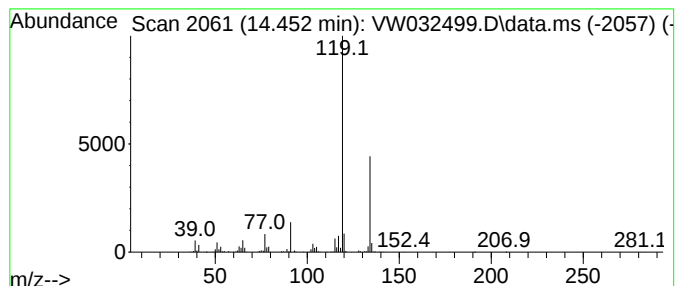
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	20.58 ug/l	763683	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			p-Cymene	134	C10H14	000099-87-6	91



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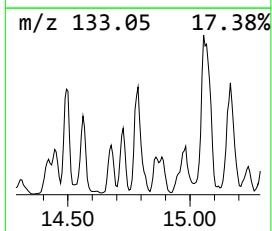
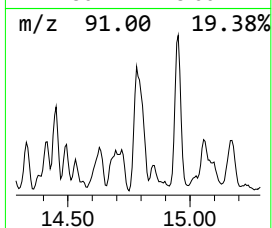
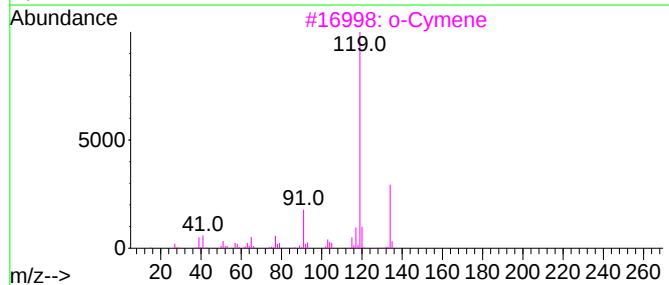
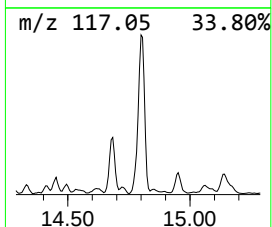
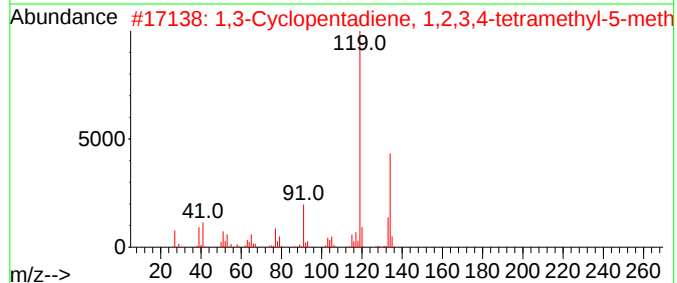
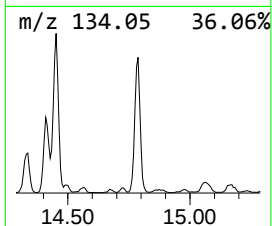
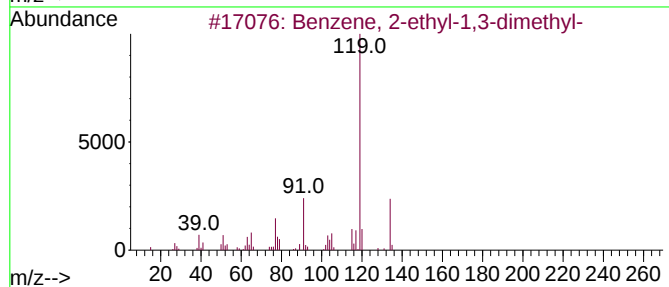
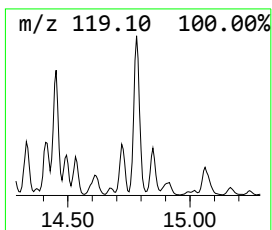
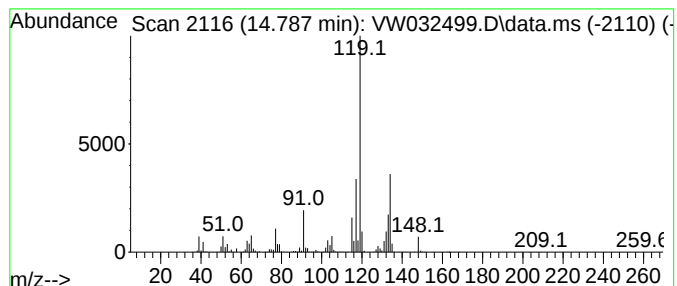
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	58.82 ug/l	2182960	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
3			o-Cymene	134	C10H14	000527-84-4	76
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70



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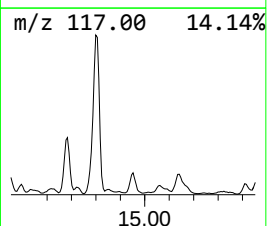
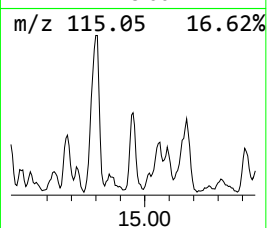
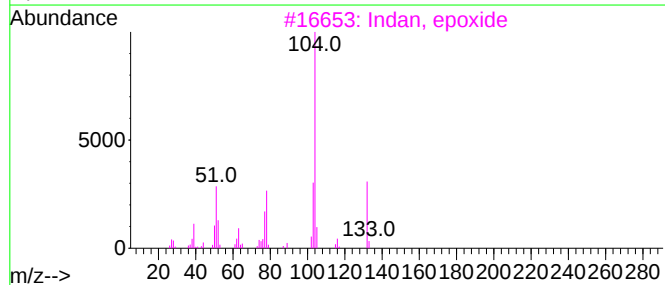
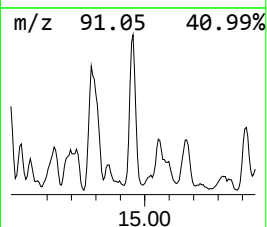
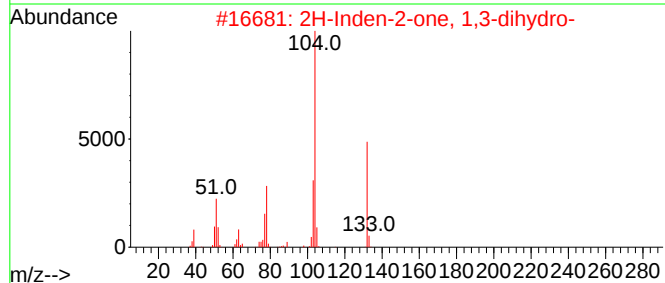
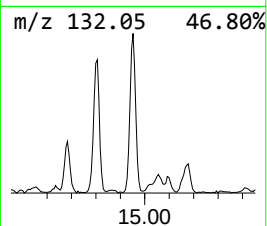
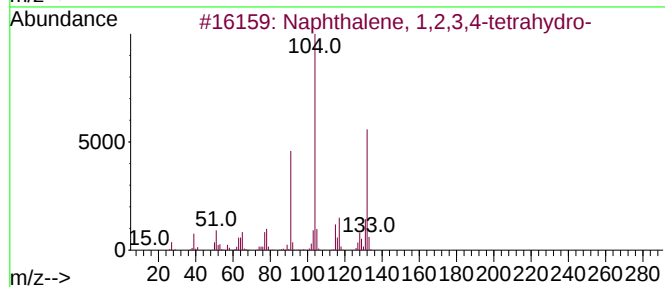
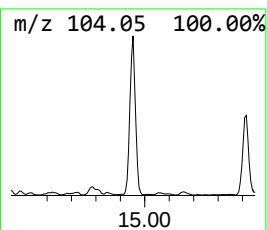
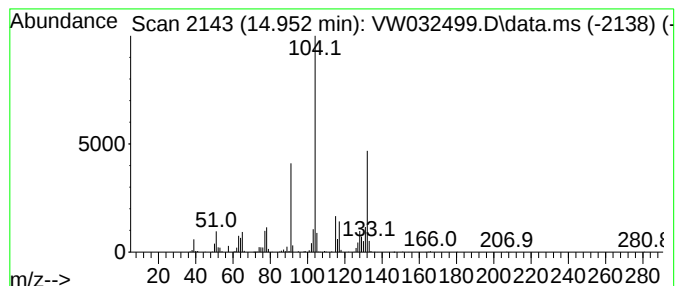
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	21.39 ug/l	793965	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	62
3			Indan, epoxide	132	C9H8O	000768-22-9	52
4			Benzenepropanoic acid, methyl ester	164	C10H12O2	000103-25-3	43
5			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032499.D
Acq On : 19 Nov 2025 13:58
Operator : SY/MD
Sample : Q3669-01
Misc : 4.59g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-11182025

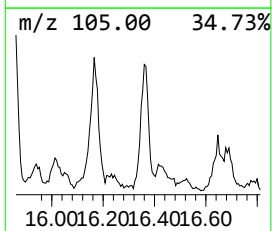
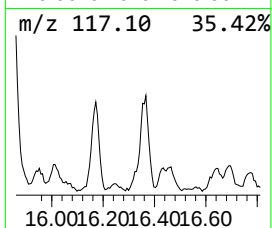
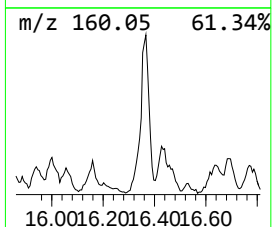
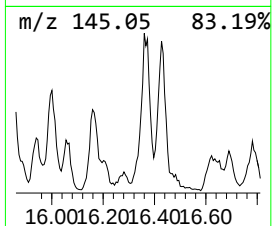
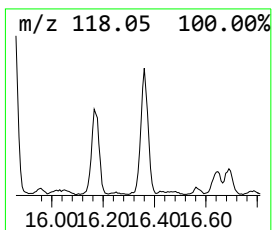
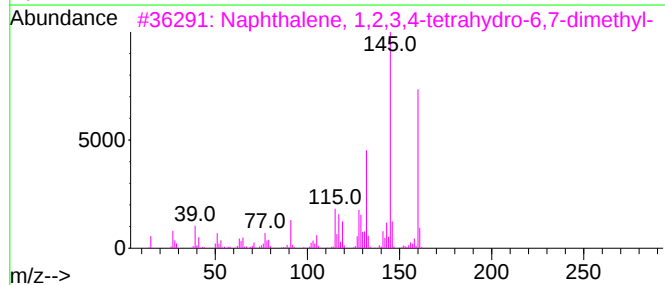
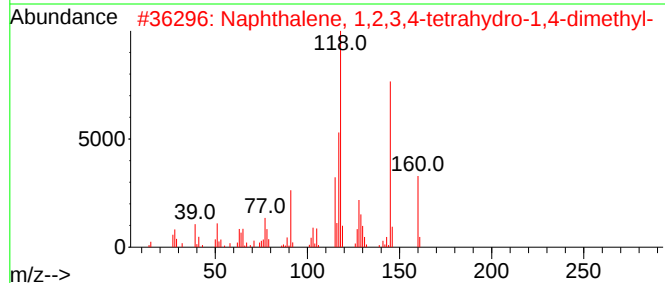
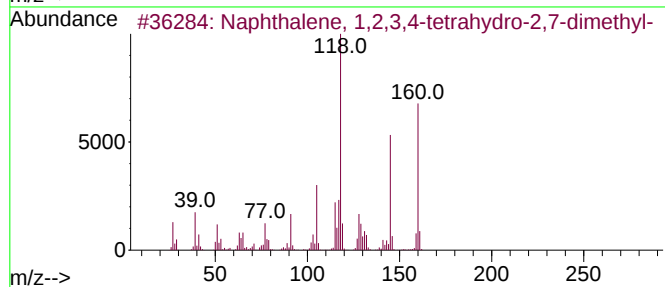
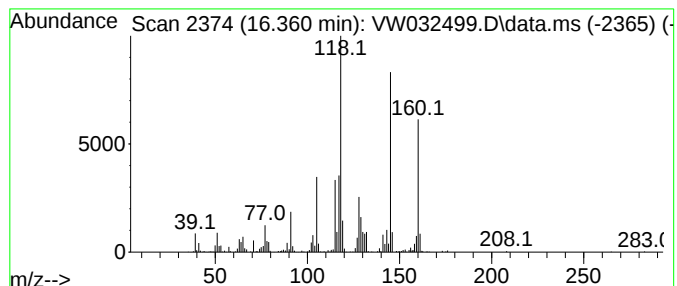
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	16.59 ug/l	615641	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	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032499.D
Acq On : 19 Nov 2025 13:58
Operator : SY/MD
Sample : Q3669-01
Misc : 4.59g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-11182025

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
o-Cymene	14.092	21.3	ug/l	789929	4	13.556	1855680	50.0
Benzene, 1-meth...	14.452	20.6	ug/l	763683	4	13.556	1855680	50.0
Benzene, 2-ethy...	14.787	58.8	ug/l	2182960	4	13.556	1855680	50.0
Naphthalene, 1,...	14.952	21.4	ug/l	793965	4	13.556	1855680	50.0
Naphthalene, 1,...	16.360	16.6	ug/l	615641	4	13.556	1855680	50.0