

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032010.D
 Acq On : 05 Aug 2025 12:58
 Operator : SY/MD
 Sample : Q2763-03
 Misc : 3.79g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2 VOC

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\82W072225S.M
 Title : SW846 8260

Signal : TIC: VW032010.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.167	364	374	396	rVB2	38910	125914	9.43%	1.189%
2	4.953	494	503	517	rBV2	9101	32723	2.45%	0.309%
3	5.965	662	669	679	rVV4	5020	14614	1.10%	0.138%
4	7.203	859	872	884	rBV2	19095	56219	4.21%	0.531%
5	7.898	970	986	991	rBV	166923	400753	30.03%	3.783%
6	7.959	991	996	1006	rVB	260928	588075	44.06%	5.552%
7	8.319	1046	1055	1067	rBV	173509	378419	28.36%	3.572%
8	8.581	1093	1098	1110	rVB4	7001	18101	1.36%	0.171%
9	8.849	1131	1142	1166	rBV	452573	903226	67.68%	8.527%
10	9.343	1209	1223	1240	rBV2	56018	158960	11.91%	1.501%
11	9.611	1258	1267	1275	rVB3	8850	19530	1.46%	0.184%
12	9.751	1281	1290	1299	rVB4	10666	22458	1.68%	0.212%
13	10.081	1337	1344	1349	rBV5	8239	18100	1.36%	0.171%
14	10.324	1376	1384	1399	rBV	723915	1334564	100.00%	12.599%
15	10.495	1407	1412	1421	rVB5	17359	46116	3.46%	0.435%
16	10.666	1435	1440	1448	rVB	29268	53467	4.01%	0.505%
17	10.763	1448	1456	1465	rBV5	21182	47766	3.58%	0.451%
18	10.855	1466	1471	1476	rVV7	10364	21618	1.62%	0.204%
19	10.934	1480	1484	1491	rVV3	7664	13923	1.04%	0.131%
20	11.178	1520	1524	1528	rVV	28591	44601	3.34%	0.421%
21	11.233	1528	1533	1538	rVB2	41020	68835	5.16%	0.650%
22	11.336	1546	1550	1554	rVB3	11057	16225	1.22%	0.153%
23	11.434	1561	1566	1574	rVB3	20353	41314	3.10%	0.390%
24	11.629	1591	1598	1607	rBV	657965	1141248	85.51%	10.774%
25	11.727	1609	1614	1617	rBV2	13084	20136	1.51%	0.190%
26	11.812	1624	1628	1632	rBV5	7418	13480	1.01%	0.127%
27	11.873	1633	1638	1642	rBV3	28182	53931	4.04%	0.509%
28	12.038	1659	1665	1673	rVB5	10736	24350	1.82%	0.230%
29	12.135	1674	1681	1688	rBV5	33137	88332	6.62%	0.834%
30	12.300	1703	1708	1710	rBV4	15197	24298	1.82%	0.229%
31	12.336	1710	1714	1719	rVV4	37237	77990	5.84%	0.736%
32	12.385	1719	1722	1725	rVB	15813	24050	1.80%	0.227%
33	12.458	1731	1734	1747	rVB	34640	77583	5.81%	0.732%
34	12.617	1754	1760	1767	rBV2	494216	807365	60.50%	7.622%
35	12.696	1767	1773	1778	rBV3	18664	38217	2.86%	0.361%
36	12.781	1778	1787	1791	rVV4	48507	115656	8.67%	1.092%

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37	12.861	1793	1800	1806	rVV8	52253	195013	14.61%	1.841%
38	12.934	1808	1812	1818	rVV6	40920	104317	7.82%	0.985%
39	12.983	1818	1820	1825	rVB4	13385	20883	1.56%	0.197%
40	13.074	1832	1835	1839	rVB4	12457	17304	1.30%	0.163%
41	13.178	1846	1852	1859	rBV7	19091	53999	4.05%	0.510%
42	13.287	1859	1870	1879	rBV5	66013	269230	20.17%	2.542%
43	13.379	1880	1885	1889	rBV2	52117	93521	7.01%	0.883%
44	13.556	1907	1914	1922	rBV	692522	1131303	84.77%	10.680%
45	13.647	1922	1929	1933	rVV	19036	38045	2.85%	0.359%
46	13.714	1935	1940	1945	rVB2	39860	65973	4.94%	0.623%
47	13.799	1950	1954	1955	rBV	14175	19645	1.47%	0.185%
48	13.873	1961	1966	1971	rBV2	69684	122471	9.18%	1.156%
49	14.086	1992	2001	2007	rVB4	22264	56522	4.24%	0.534%
50	14.153	2008	2012	2015	rBV	26379	46373	3.47%	0.438%
51	14.202	2015	2020	2025	rVV2	111902	196947	14.76%	1.859%
52	14.263	2025	2030	2036	rVV5	32922	76657	5.74%	0.724%
53	14.336	2039	2042	2045	rVV2	29970	45152	3.38%	0.426%
54	14.379	2045	2049	2052	rVV2	39906	62295	4.67%	0.588%
55	14.415	2052	2055	2063	rVB4	25384	45020	3.37%	0.425%
56	14.488	2063	2067	2071	rBV2	25035	45131	3.38%	0.426%
57	14.537	2071	2075	2081	rVB8	30317	61753	4.63%	0.583%
58	14.635	2087	2091	2095	rVB2	22227	34810	2.61%	0.329%
59	14.690	2095	2100	2104	rBV4	23283	51240	3.84%	0.484%
60	14.805	2113	2119	2123	rVB	50380	81191	6.08%	0.766%
61	14.860	2123	2128	2133	rBV6	16286	33122	2.48%	0.313%
62	15.049	2148	2159	2163	rBV4	45909	140083	10.50%	1.322%
63	15.098	2163	2167	2172	rVV3	31704	71508	5.36%	0.675%
64	15.171	2173	2179	2190	rVB4	51268	139357	10.44%	1.316%
65	15.317	2199	2203	2207	rBV5	12112	18679	1.40%	0.176%
66	15.415	2212	2219	2222	rVV2	33686	75808	5.68%	0.716%
67	15.488	2224	2231	2240	rVB9	34358	113037	8.47%	1.067%
68	15.598	2242	2249	2254	rBV3	12167	35495	2.66%	0.335%
69	15.805	2275	2283	2287	rBV6	12936	33262	2.49%	0.314%
70	16.165	2337	2342	2348	rVB7	12043	28165	2.11%	0.266%
71	16.366	2366	2375	2381	rBV7	11841	37210	2.79%	0.351%

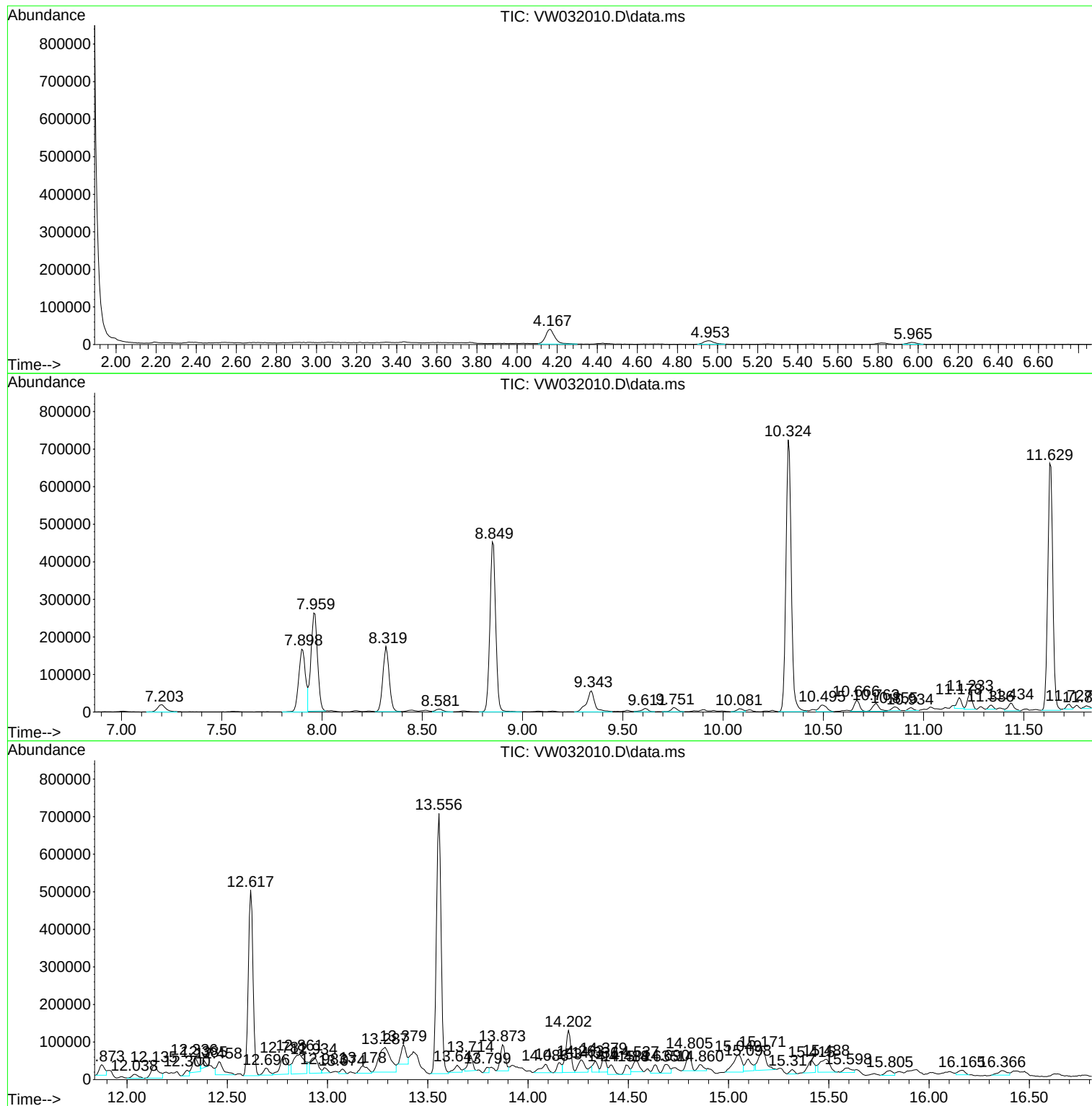
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ClientSampleId :
TP-2 VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_W
ClientSampleId :
TP-2 VOC

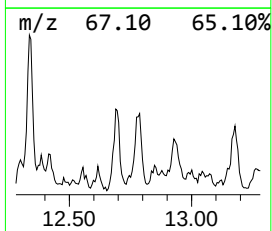
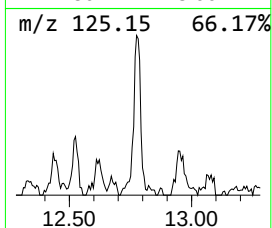
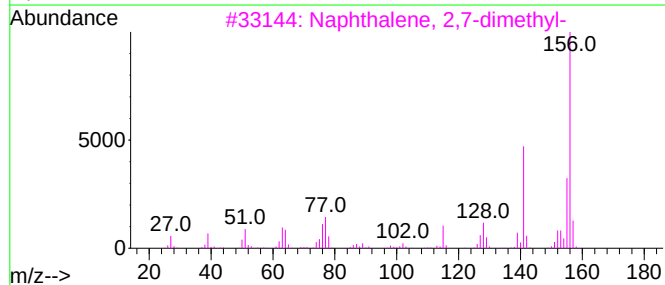
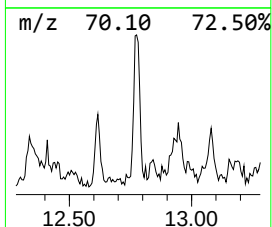
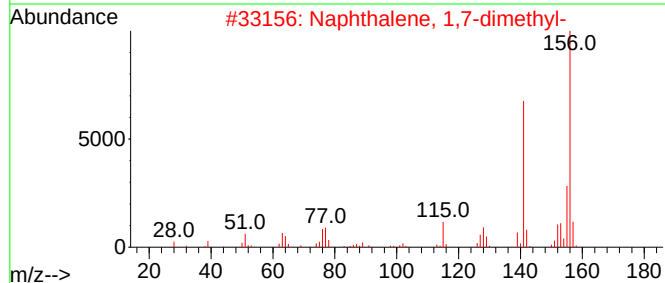
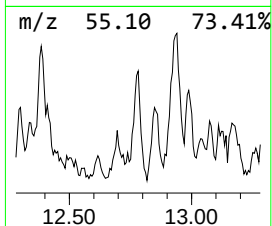
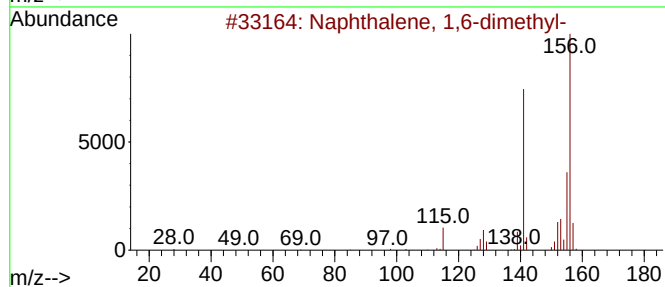
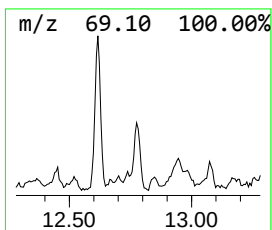
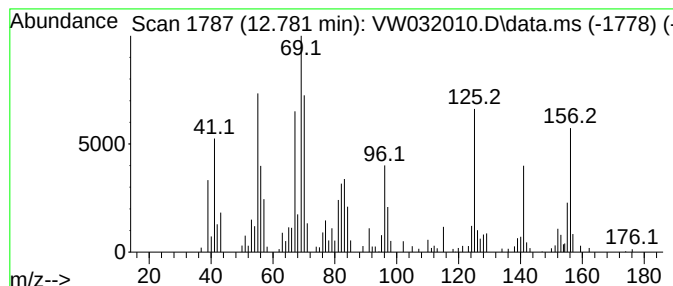
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.781	5.11 ug/l	115656	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	59
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	59
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	56
5			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	30



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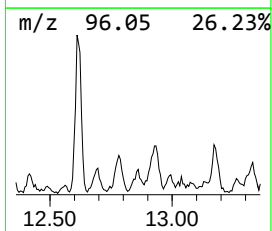
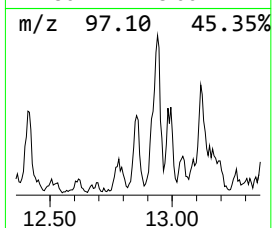
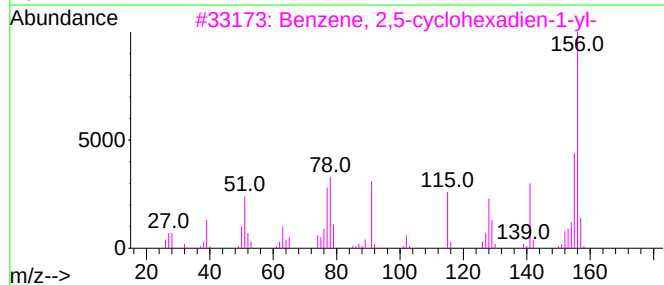
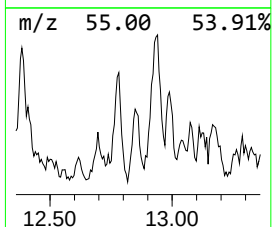
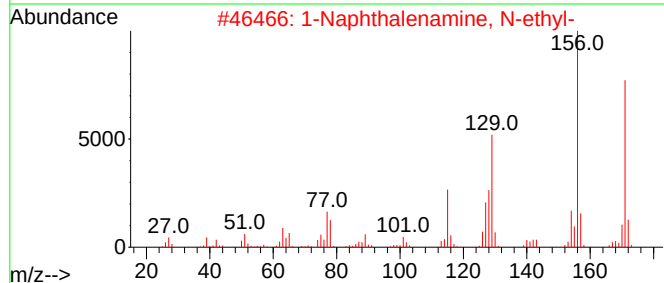
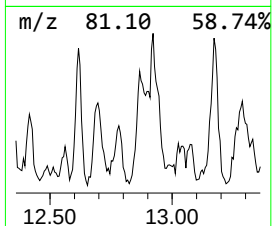
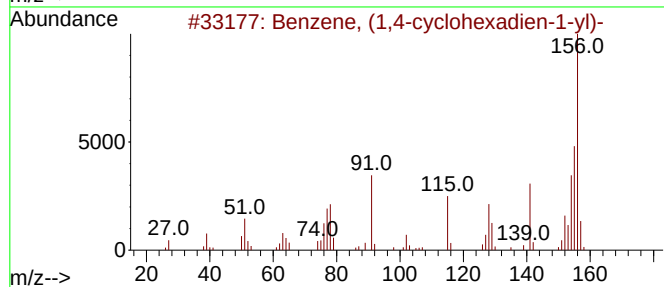
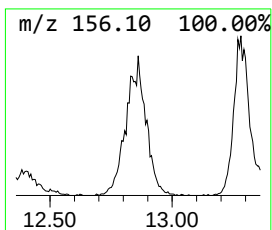
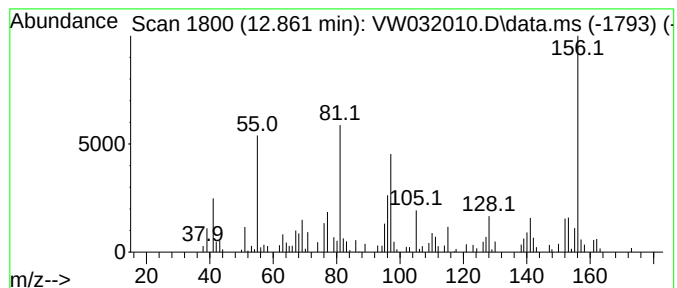
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.861 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	8.62 ug/l	195013	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	38
2			1-Naphthalenamine, N-ethyl-	171	C12H13N	000118-44-5	35
3			Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	35
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	35
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	30



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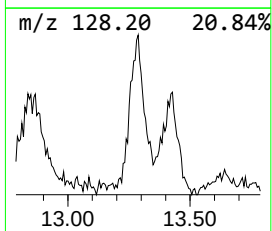
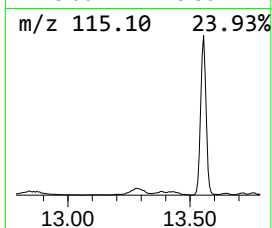
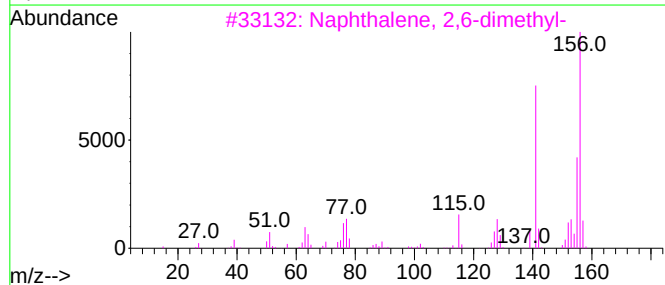
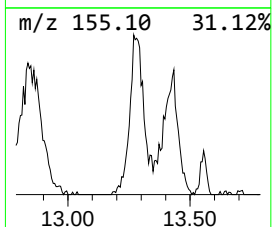
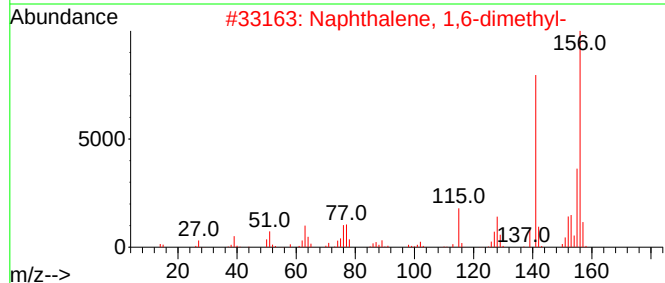
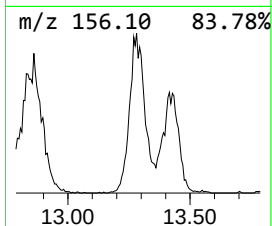
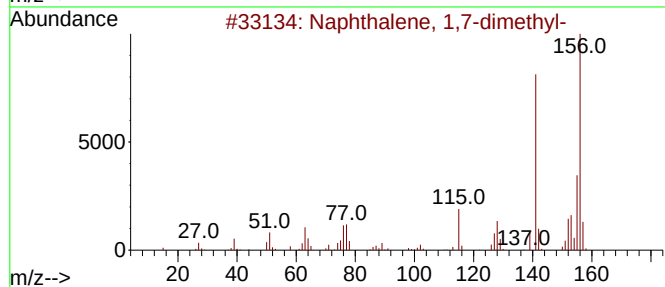
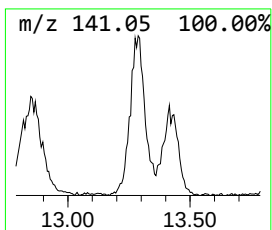
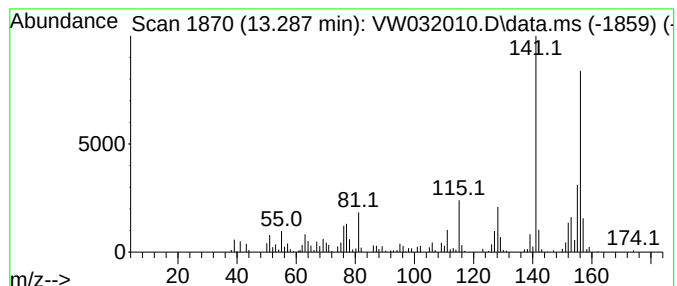
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	11.90 ug/l	269230	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



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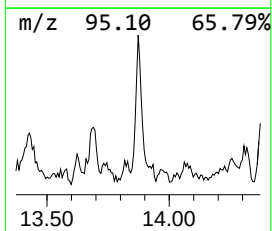
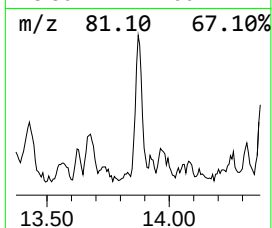
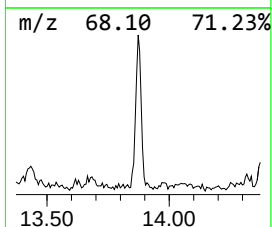
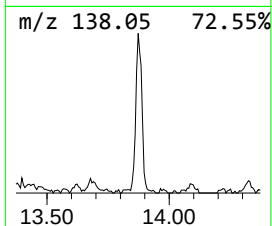
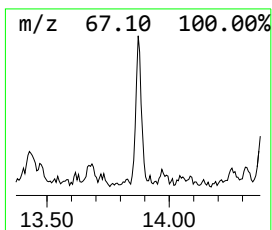
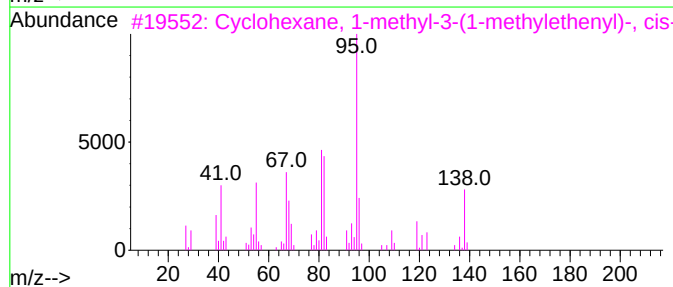
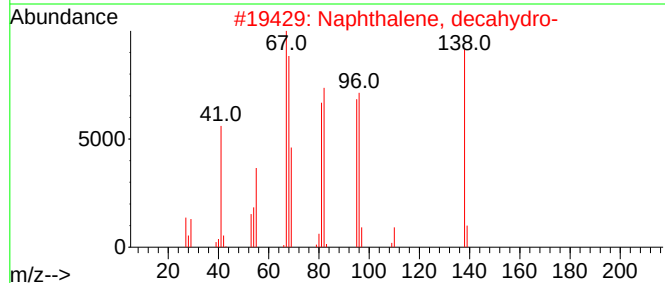
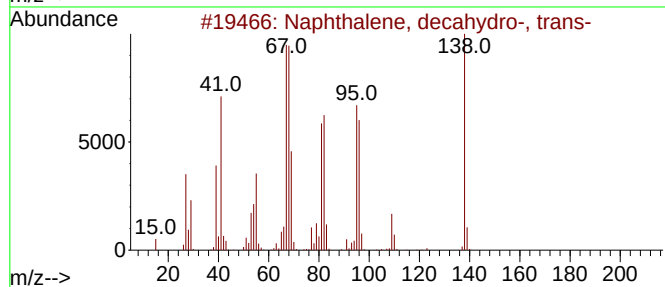
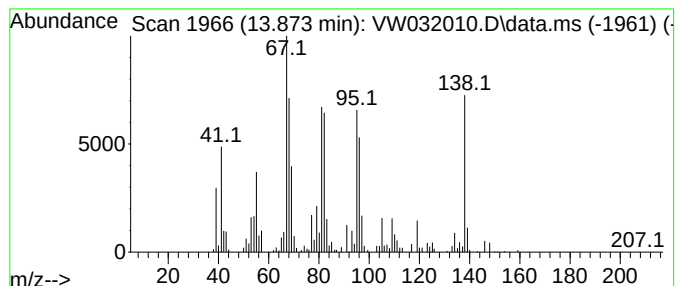
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Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.873	5.41 ug/l	122471	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
3	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	90
4	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	83
5	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032010.D
Acq On : 05 Aug 2025 12:58
Operator : SY/MD
Sample : Q2763-03
Misc : 3.79g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2 VOC

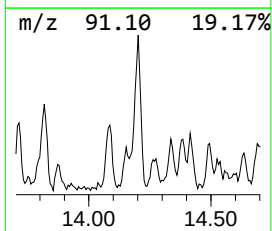
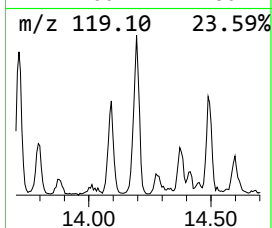
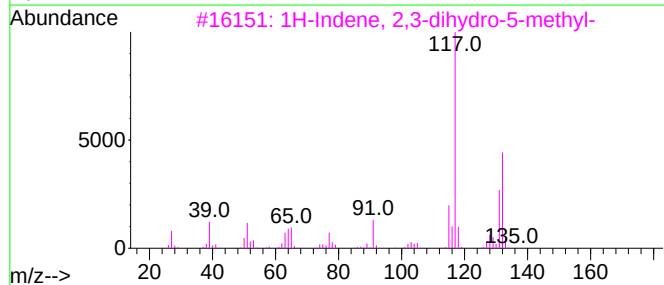
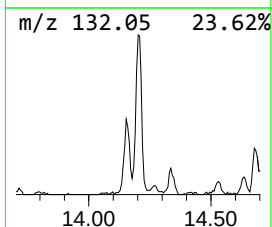
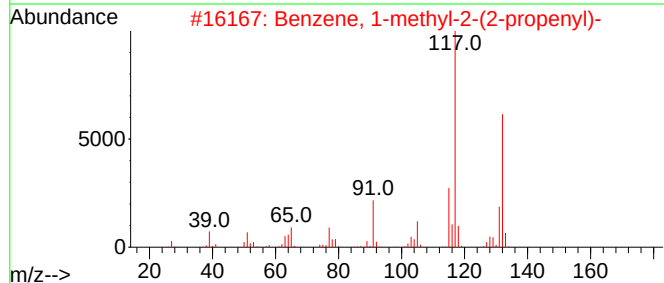
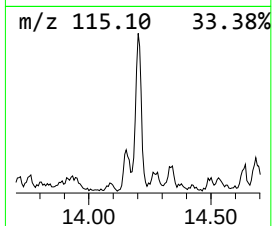
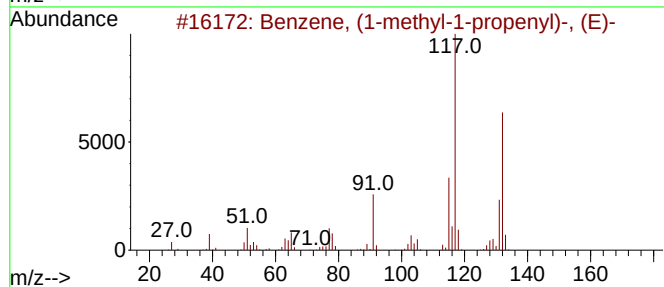
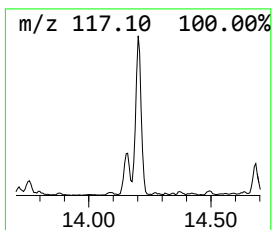
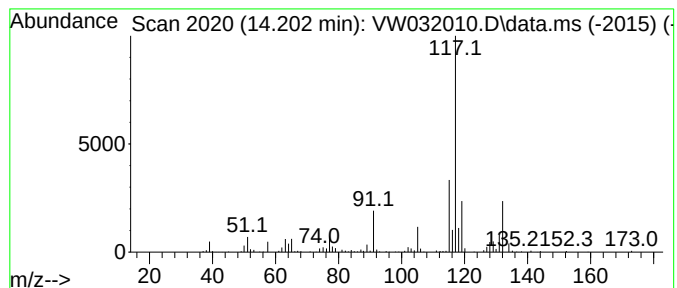
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	8.70 ug/l	196947	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	72
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032010.D
Acq On : 05 Aug 2025 12:58
Operator : SY/MD
Sample : Q2763-03
Misc : 3.79g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2 VOC

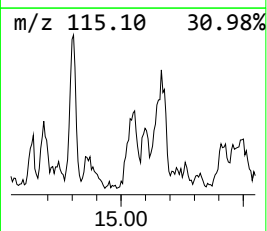
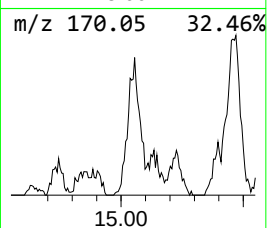
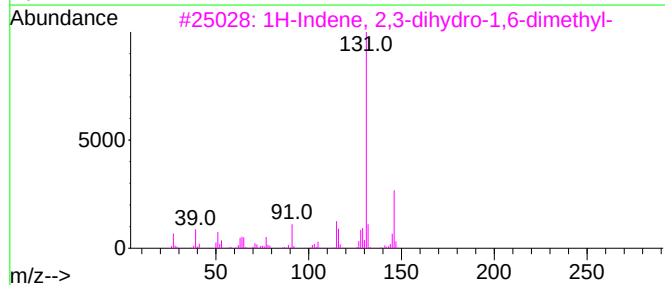
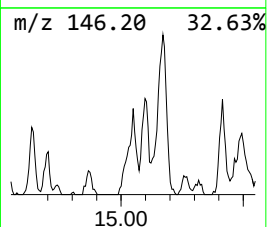
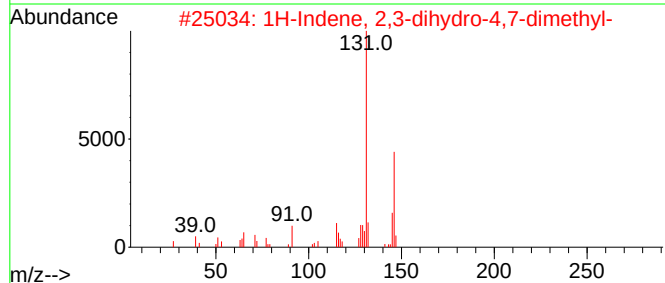
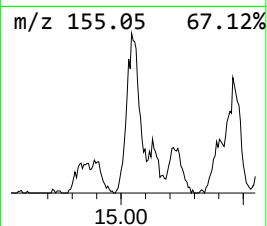
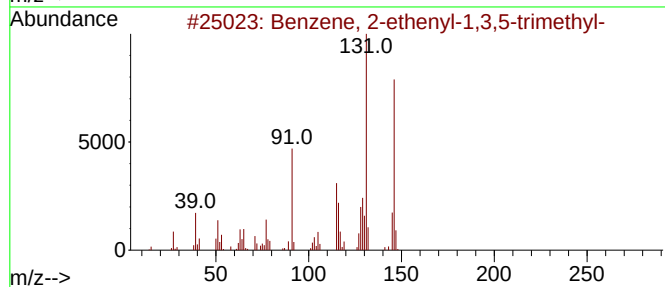
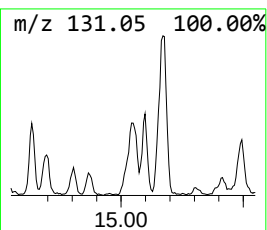
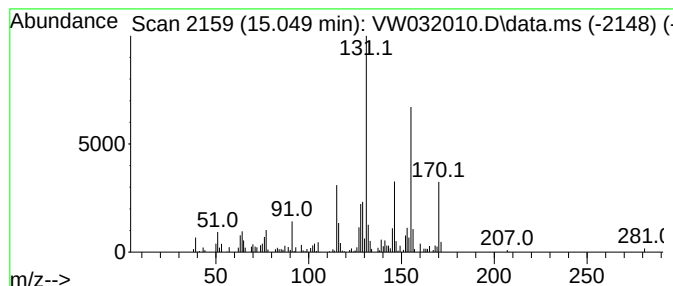
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.049	6.19 ug/l	140083	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	49
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032010.D
Acq On : 05 Aug 2025 12:58
Operator : SY/MD
Sample : Q2763-03
Misc : 3.79g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2 VOC

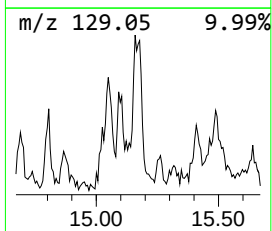
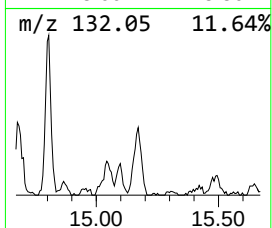
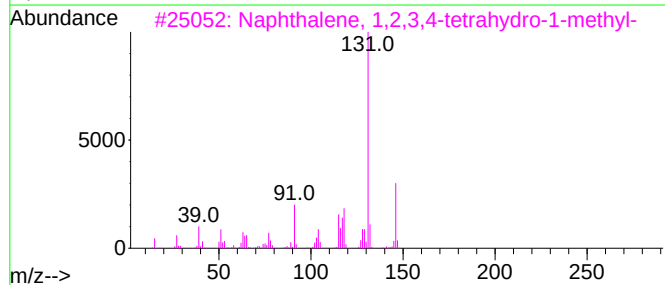
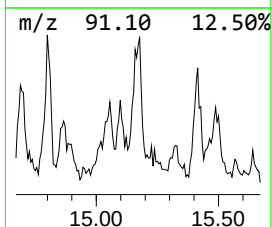
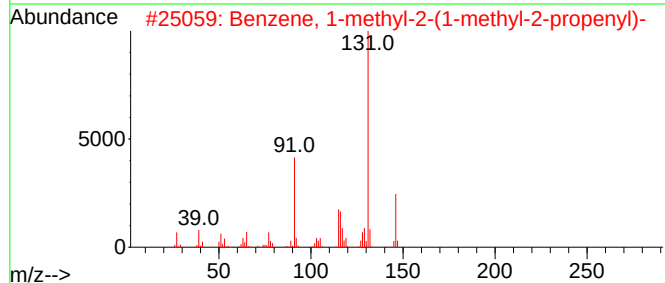
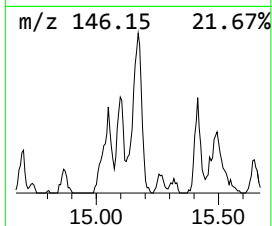
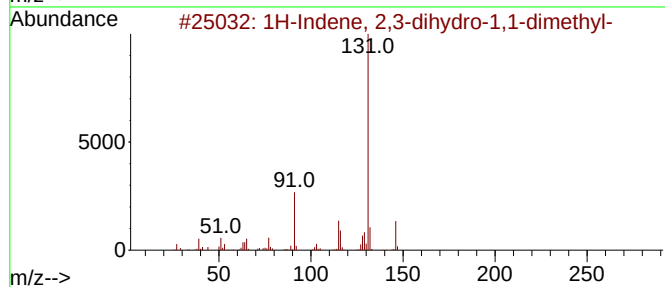
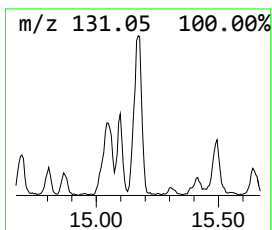
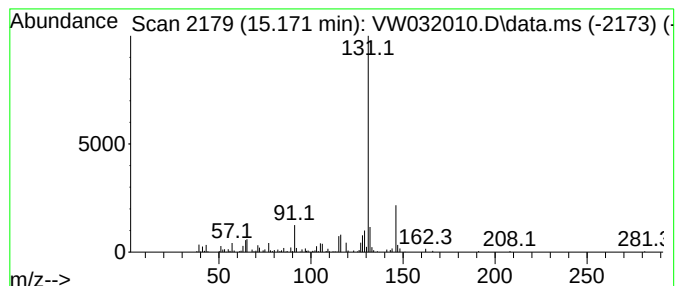
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.171	6.16 ug/l	139357	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
2			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	80
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032010.D
Acq On : 05 Aug 2025 12:58
Operator : SY/MD
Sample : Q2763-03
Misc : 3.79g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2 VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.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
Naphthalene, 1,...	12.781	5.1	ug/l	115656	4	13.556	1131300	50.0
unknown12.861	12.861	8.6	ug/l	195013	4	13.556	1131300	50.0
Naphthalene, 1,...	13.287	11.9	ug/l	269230	4	13.556	1131300	50.0
Naphthalene, de...	13.873	5.4	ug/l	122471	4	13.556	1131300	50.0
Benzene, (1-met...	14.202	8.7	ug/l	196947	4	13.556	1131300	50.0
Benzene, 2-ethe...	15.049	6.2	ug/l	140083	4	13.556	1131300	50.0
1H-Indene, 2,3-...	15.171	6.2	ug/l	139357	4	13.556	1131300	50.0