LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMWLM072424SMA.M
Title : SFAM01.0

Signal : TIC: VW029874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.173	43	47	49	rBV2	1670	2219	0.17%	0.016%
2	2.362	71	78	94	rBV	57740	151734	11.37%	1.113%
3	2.899	158	166	182	rBV	45578	135932	10.18%	0.997%
4	3.027	182	187	195	rVB6	5044	13011	0.97%	0.095%
5	3.393	237	247	254	rBV2	5754	13695	1.03%	0.100%
6	3.582	276	278	285	rVV7	1062	2116	0.16%	0.016%
7	3.856	314	323	327	rBV7	1011	3059	0.23%	0.022%
8	4.021	336	350	375	rBV	96107	336173	25.18%	2.466%
9	4.258	387	389	394	rVB5	726	743	0.06%	0.005%
10	4.393	402	411	418	rVV3	2893	9074	0.68%	0.067%
11	4.929	487	499	518	rBV2	14000	61049	4.57%	0.448%
12	5.405	574	577	578	rBV3	994	873	0.07%	0.006%
13	5.667	615	620	626	rBV6	329	841	0.06%	0.006%
14	5.758	629	635	636	rBV5	568	884	0.07%	0.006%
15	5.837	646	648	652	rVB3	675	759	0.06%	0.006%
16	5.947	652	666	675	rBV6	4456	15535	1.16%	0.114%
17	6.124	691	695	697	rBV2	480	745	0.06%	0.005%
18	6.423	737	744	748	rBV4	464	1091	0.08%	0.008%
19	6.514	754	759	762	rBV4	581	1004	0.08%	0.007%
20	6.660	779	783	786	rBV3	563	795	0.06%	0.006%
21	6.935	824	828	830	rBV4	499	698	0.05%	0.005%
22	6.984	830	836	843	rVB6	1467	3344	0.25%	0.025%
23	7.081	843	852	863	rBV2	22357	71226	5.34%	0.523%
24	7.355	895	897	900	rVB	646	671	0.05%	0.005%
25	7.465	911	915	919	rVB3	527	960	0.07%	0.007%
26	7.648	934	945	959	rBV	182648	442194	33.12%	3.244%
27	7.922	984	990	991	rBV6	1669	2827	0.21%	0.021%
28	8.026	1003	1007	1013	rBV4	1143	2109	0.16%	0.015%
29	8.154	1022	1028	1030	rBV6	2044	3992	0.30%	0.029%
30	8.276	1037	1048	1065	rBV2	341228	1022453	76.58%	7.501%
31	8.563	1091	1095	1096	rBV3	1008	1187	0.09%	0.009%
32	8.697	1111	1117	1126	rVB4	4551	10203	0.76%	0.075%
33	8.843	1132	1141	1153	rBV	422933	858423	64.30%	6.298%
34	8.977	1161	1163	1168	rVB4	732	902	0.07%	0.007%
35	9.069	1175	1178	1186	rVV7	1256	2542	0.19%	0.019%
36	9.203	1197	1200	1202	rVB3	648	740	0.06%	0.005%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Title : SFAM01.0

37	9.270	1202	1211	1229	rBV	236507	498956	37.37%	3.661%
38	9.514	1247	1251	1254	rBV4	970	1338	0.10%	0.010%
39	9.575	1257	1261	1262	rBV3	874	786	0.06%	0.006%
40	9.605	1262	1266	1273	rVB8	2512	5340	0.40%	0.039%
41	9.745	1284	1289	1298	rVB7	2310	5565	0.42%	0.041%
42	9.892	1308	1313	1317	rBV4	1381	2620	0.20%	0.019%
43	9.953	1317	1323	1327	rBV2	3329	6473	0.48%	0.047%
44	10.032	1330	1336	1345	rBV	121676	221101	16.56%	1.622%
45	10.324	1375	1384	1391	rBV	474042	859999	64.42%	6.309%
46	10.379	1391	1393	1400	rVB2	9624	18111	1.36%	0.133%
47	10.501	1407	1413	1419	rVB6	7941	15865	1.19%	0.116%
48	10.574	1419	1425	1435	rBV	76975	140241	10.50%	1.029%
49	10.666	1436	1440	1443	rVB5	2250	3497	0.26%	0.026%
50	10.751	1451	1454	1462	rVB8	1810	3821	0.29%	0.028%
51	10.855	1465	1471	1475	rVB9	2109	4367	0.33%	0.032%
52	10.922	1475	1482	1491	rBV	90866	163866	12.27%	1.202%
53	11.099	1508	1511	1515	rBV6	2126	3144	0.24%	0.023%
54	11.172	1520	1523	1527	rVV4	3627	6341	0.47%	0.047%
55	11.227	1528	1532	1537	rVV3	8637	15172	1.14%	0.111%
56	11.276	1537	1540	1545	rVV3	4812	8414	0.63%	0.062%
57	11.336	1546	1550	1554	rVB5	4743	7702	0.58%	0.057%
58	11.507	1573	1578	1583	rBV3	3384	6079	0.46%	0.045%
59	11.629	1590	1598	1609	rBV	627125	1040415	77.93%	7.633%
60	11.727	1609	1614	1619	rBV2	12272	23657	1.77%	0.174%
61	11.958	1649	1652	1656	rBV6	2029	3919	0.29%	0.029%
62	12.135	1676	1681	1682	rBV4	5099	7966	0.60%	0.058%
63	12.245	1694	1699	1703	rVB5	5656	11924	0.89%	0.087%
64	12.336	1710	1714	1715	rBV3	7371	9904	0.74%	0.073%
65	12.458	1730	1734	1739	rVB	19607	29697	2.22%	0.218%
66	12.617	1755	1760	1762	rBV5	4699	8353	0.63%	0.061%
67	12.690	1766	1772	1782	rVB	175097	279539	20.94%	2.051%
68	12.800	1782	1790	1794	rBV2	17382	38451	2.88%	0.282%
69	12.867	1797	1801	1802	rBV2	7242	10204	0.76%	0.075%
70	12.897	1802	1806	1809	rBV	32083	51408	3.85%	0.377%
71	13.098	1835	1839	1846	rVB	34118	57989	4.34%	0.425%
72	13.245	1860	1863	1868	rBV2	13312	19409	1.45%	0.142%
73	13.440	1891	1895	1899	rVB3	25444	39465	2.96%	0.290%
74	13.556	1908	1914	1922	rVB	576135	950162	71.17%	6.971%
75	13.714	1934	1940	1943	rBV	68326	118071	8.84%	0.866%
76	13.751	1943	1946	1949	rVV	83694	139433	10.44%	1.023%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Title : SFAM01.0

77	13.787	1949	1952	1957	rVV2	151316	266794	19.98%	1.957%
78	13.848	1957	1962	1971	rVB2	372108	679012	50.86%	4.982%
79	13.940	1973	1977	1983	rVB2	25853	45454	3.40%	0.333%
80	14.007	1983	1988	1990	rBV	34848	60627	4.54%	0.445%
81	14.092	1997	2002	2008	rVB	75586	112602	8.43%	0.826%
82	14.202	2014	2020	2023	rBV3	58105	117465	8.80%	0.862%
83	14.415	2046	2055	2058	rBV3	73405	164004	12.28%	1.203%
84	14.452	2058	2061	2064	rVV	63578	87016	6.52%	0.638%
85	14.494	2064	2068	2072	rVB3	63180	89706	6.72%	0.658%
86	14.555	2072	2078	2082	rBV4	36412	74256	5.56%	0.545%
87	14.683	2094	2099	2104	rBV3	102076	209561	15.70%	1.537%
88	14.781	2110	2115	2123	rBV3	89349	205206	15.37%	1.505%
89	14.866	2123	2129	2137	rVV2	115498	241235	18.07%	1.770%
90	14.946	2137	2142	2149	rVV3	120343	200197	15.00%	1.469%
91	15.055	2155	2160	2173	rVB3	142908	323841	24.26%	2.376%
92	15.171	2174	2179	2186	rVB2	50431	112684	8.44%	0.827%
93	15.305	2192	2201	2204	rBV7	53383	175435	13.14%	1.287%
94	15.360	2205	2210	2216	rVB	273585	468067	35.06%	3.434%
95	15.647	2252	2257	2261	rBV3	68752	129313	9.69%	0.949%
96	15.958	2301	2308	2313	rBV3	62802	180447	13.52%	1.324%
97	16.372	2366	2376	2380	rBV7	39024	134616	10.08%	0.988%
98	16.427	2381	2385	2398	rVB2	60137	168068	12.59%	1.233%
99	16.561	2403	2407	2411	rBV3	18658	35421	2.65%	0.260%
100	16.634	2411	2419	2428	rVB	609129	1335066	100.00%	9.795%

Sum of corrected areas: 13630660

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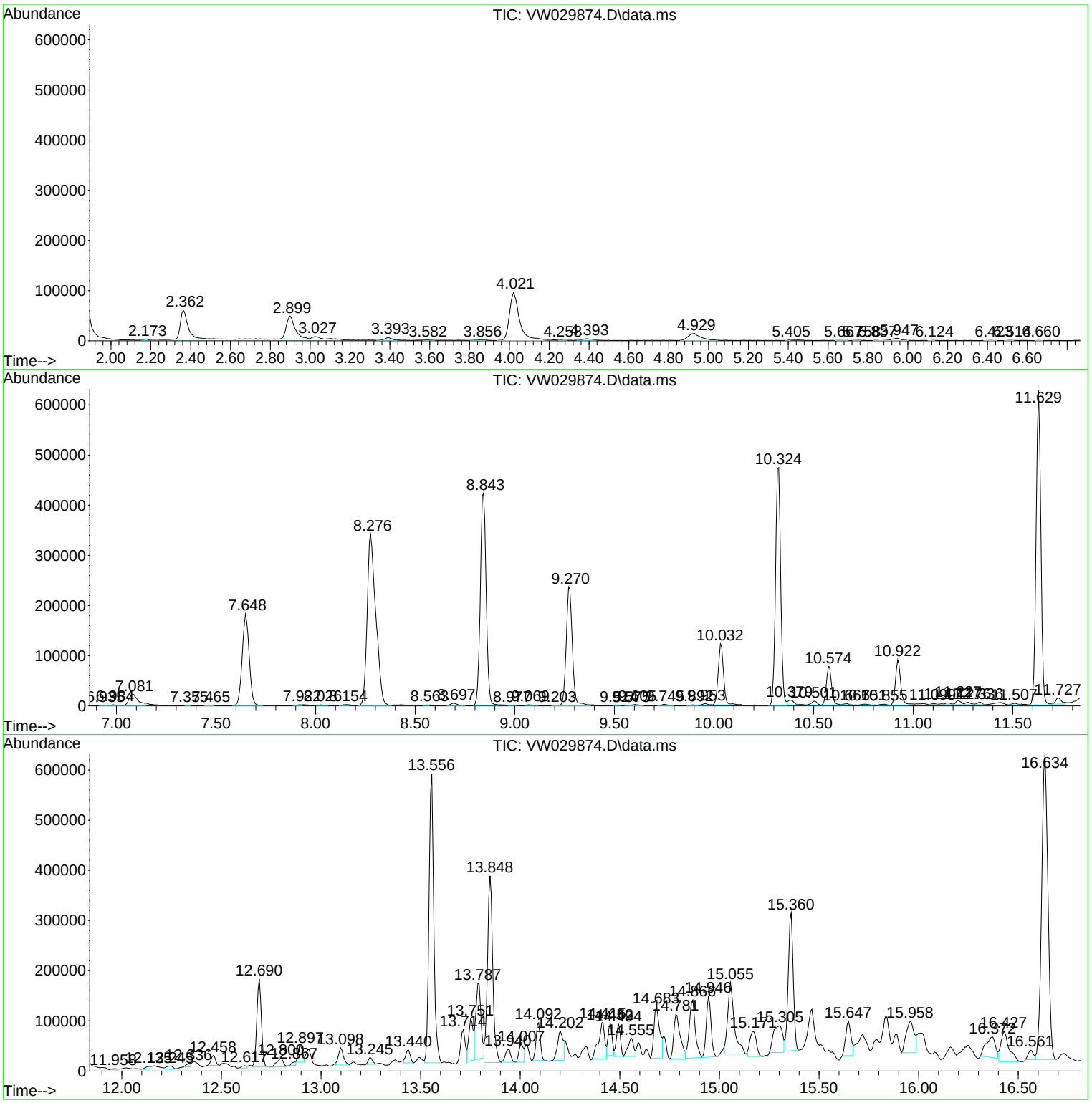
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
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Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

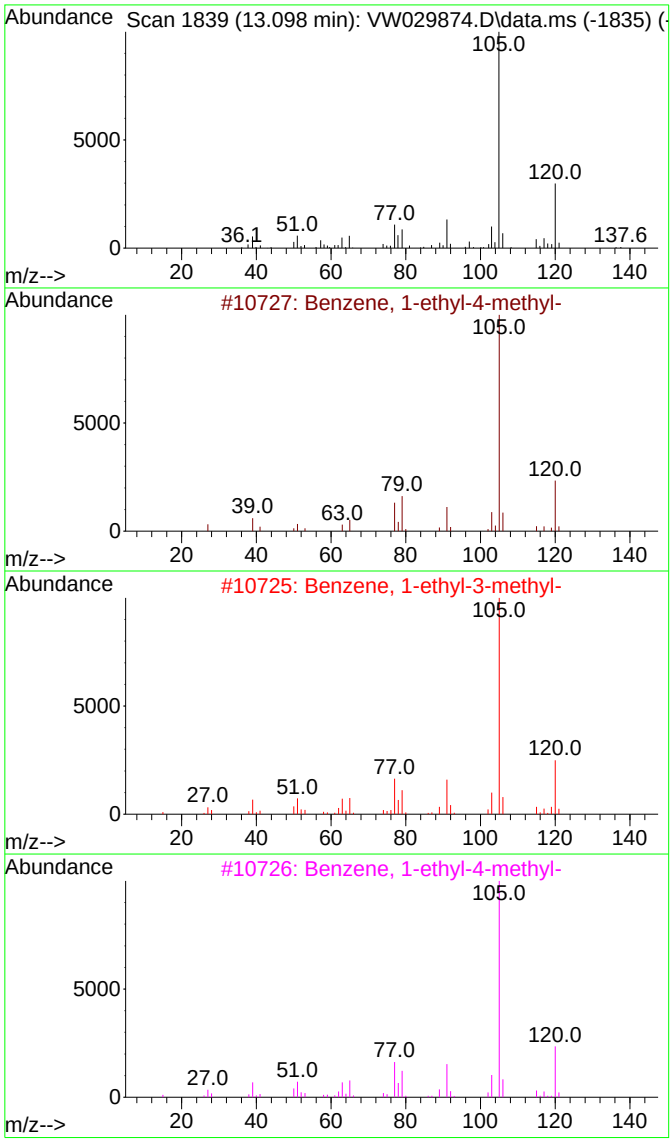
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

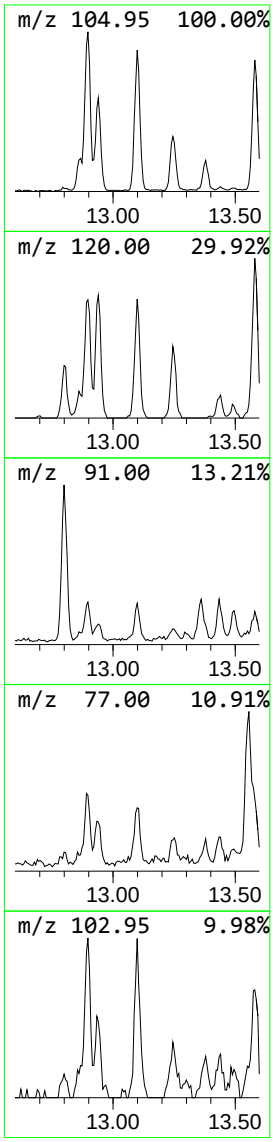
****

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	1.53 ug/L	57989	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

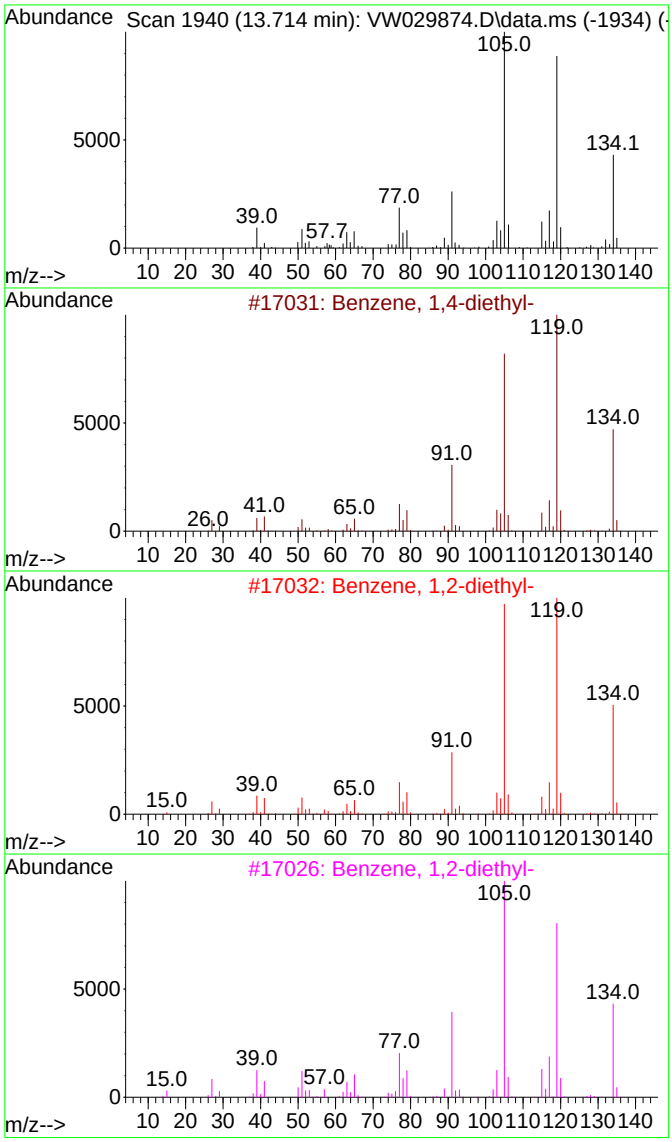
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

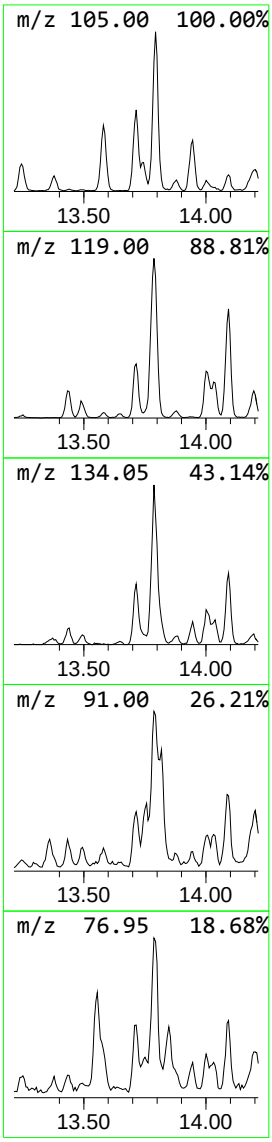
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	3.11 ug/L	118071	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91





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Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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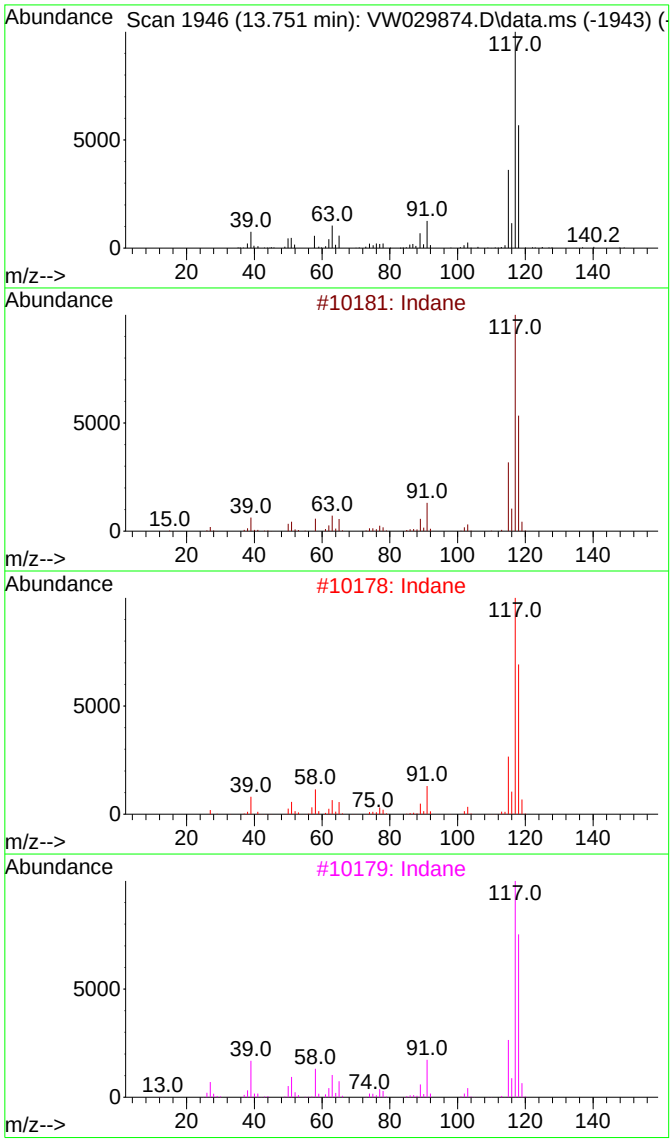
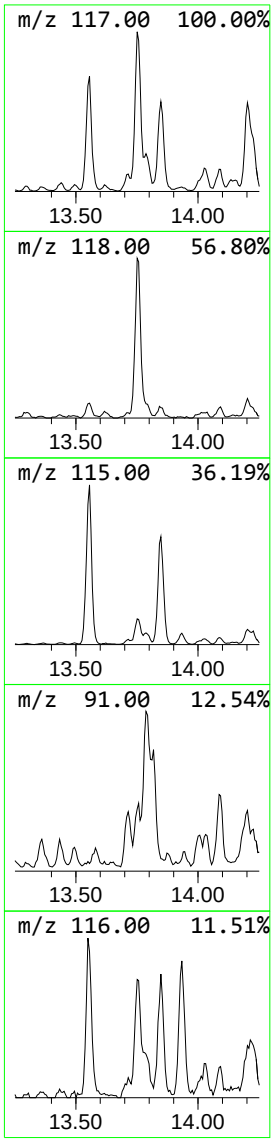
Peak Number 5 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	3.67 ug/L	139433	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	80
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

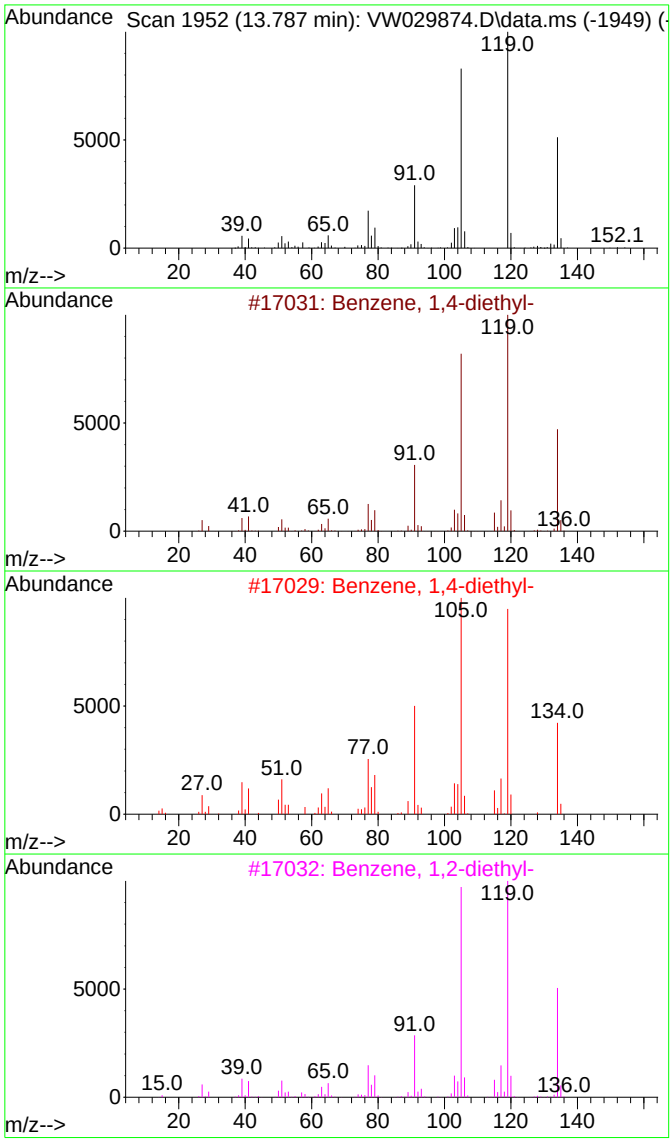
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

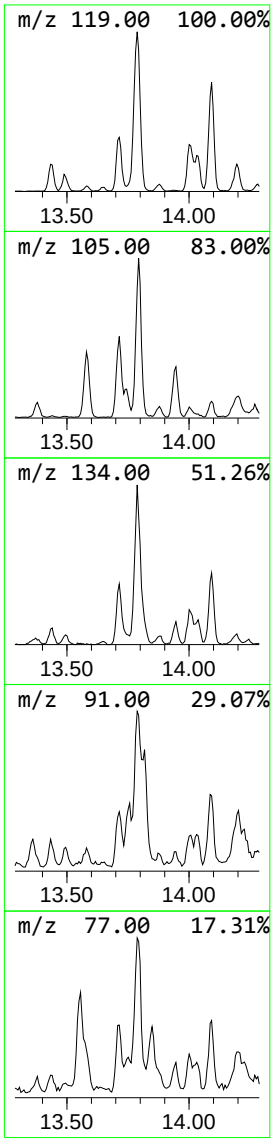
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	7.02 ug/L	266794	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

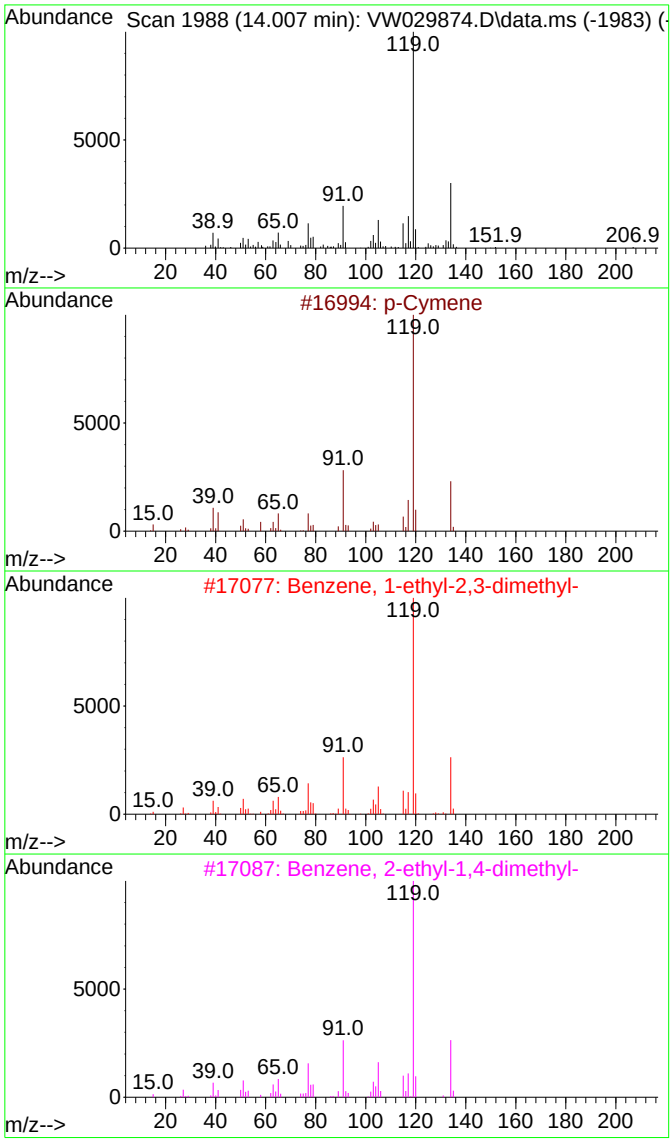
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

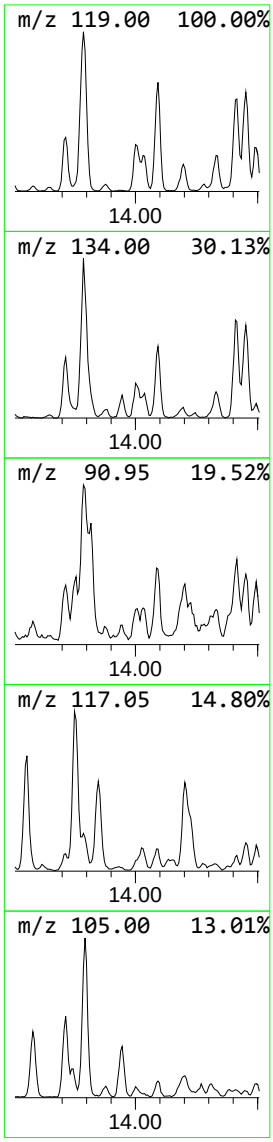
****

Peak Number 7 p-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	1.60 ug/L	60627	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

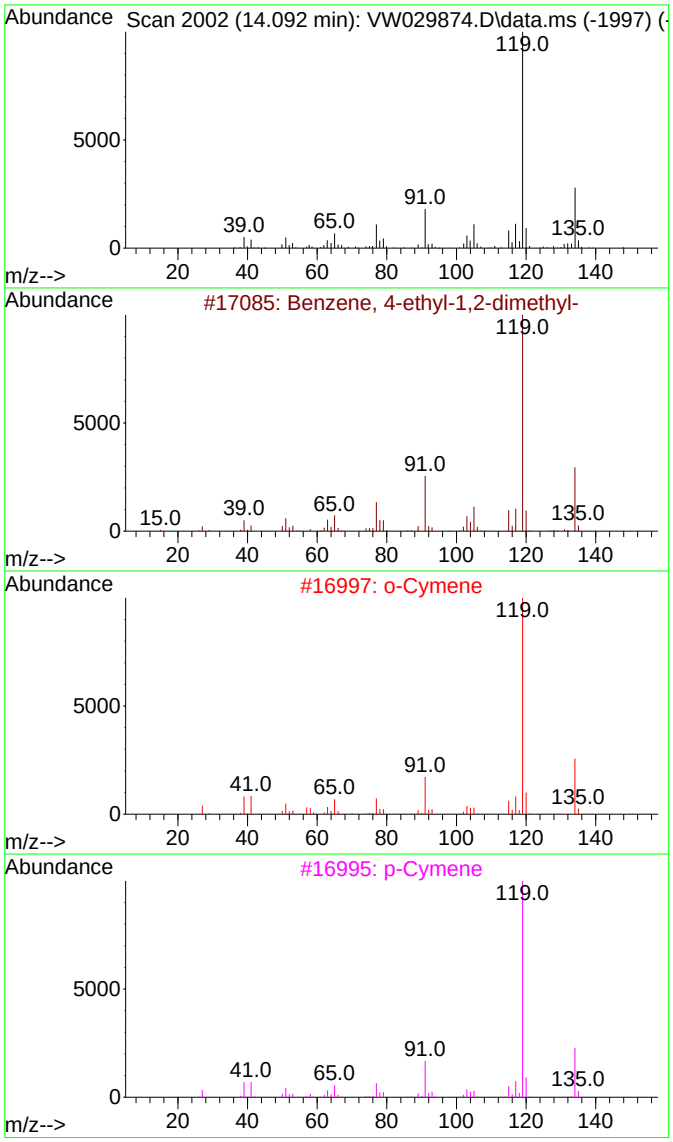
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

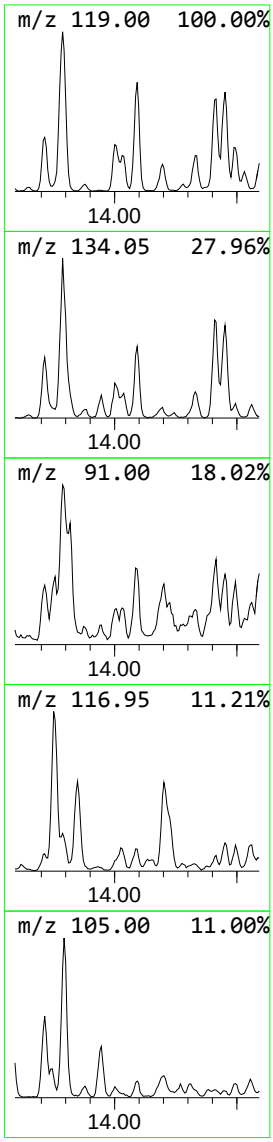
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	2.96 ug/L	112602	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

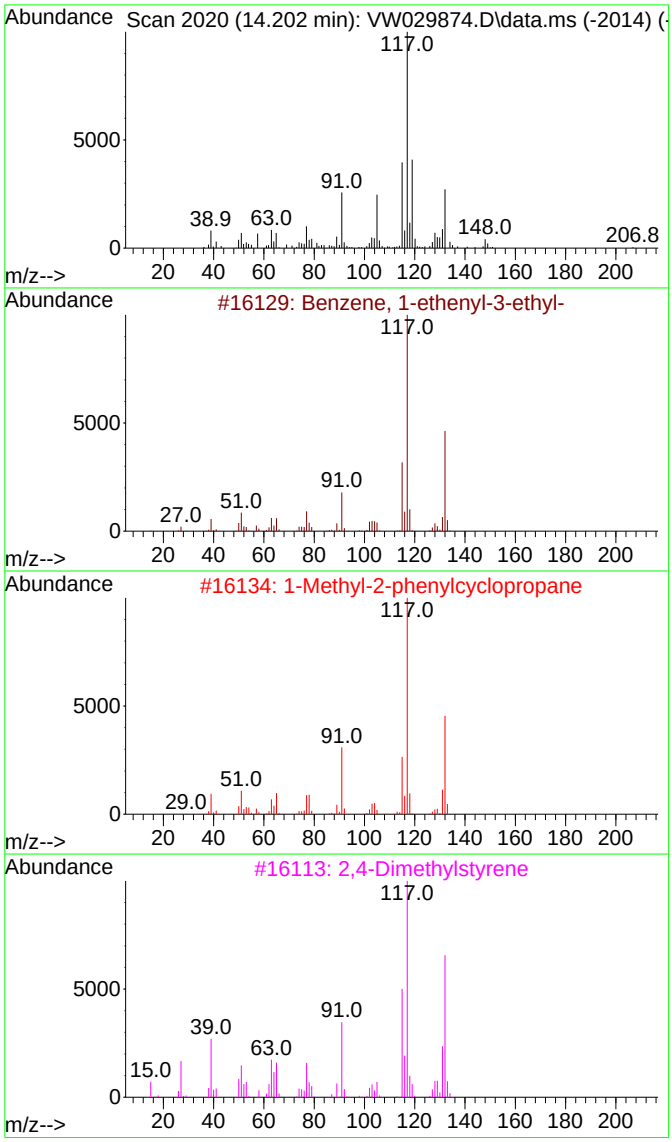
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

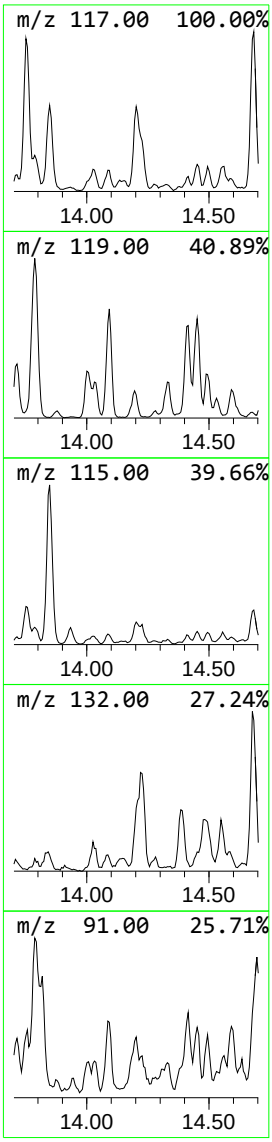
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	3.09 ug/L	117465	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	58
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	58
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	58





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

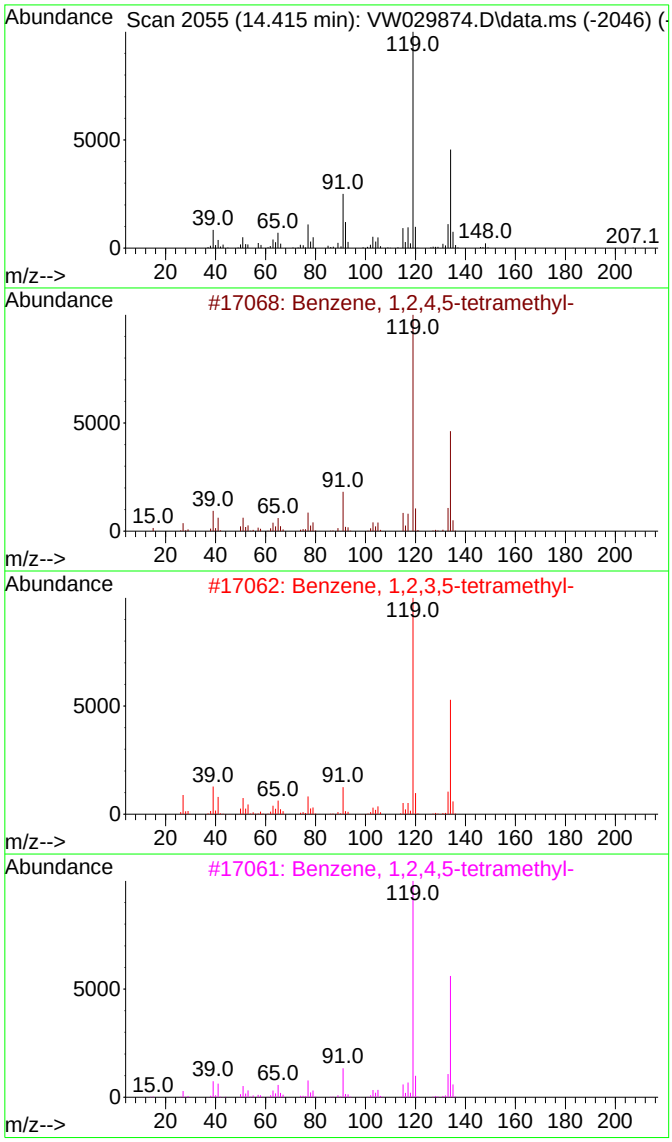
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

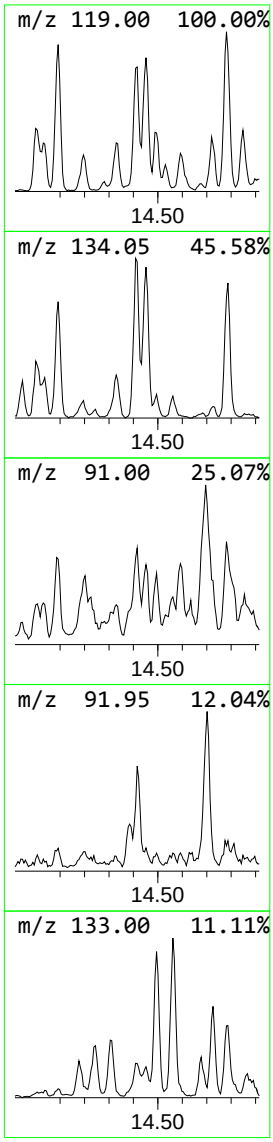
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	4.32 ug/L	164004	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

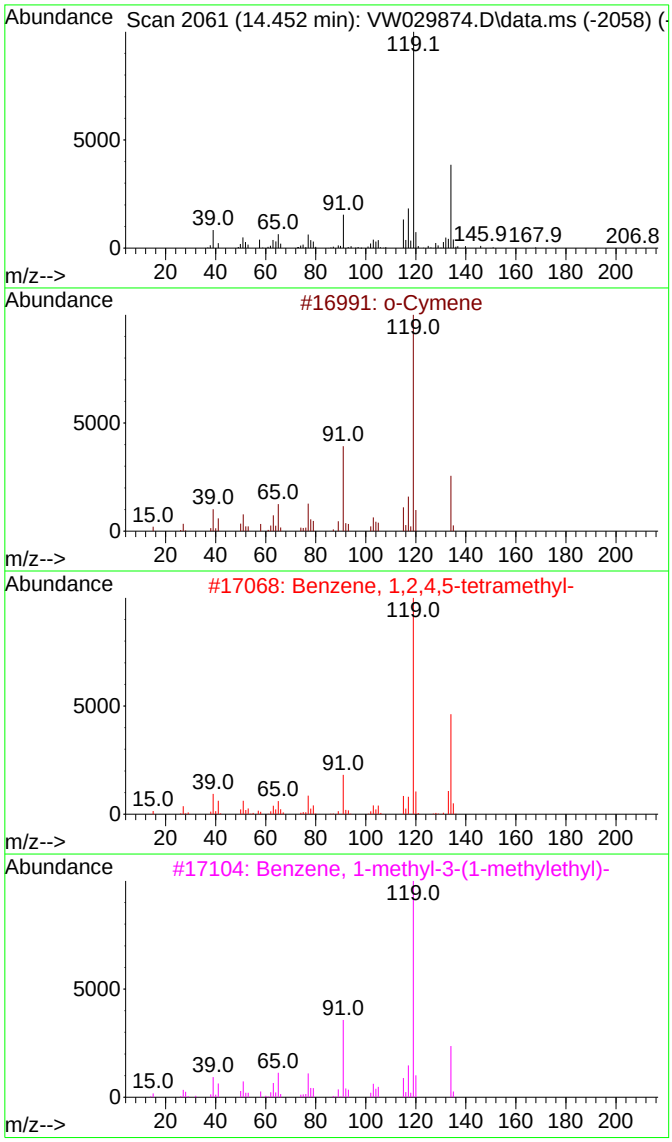
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

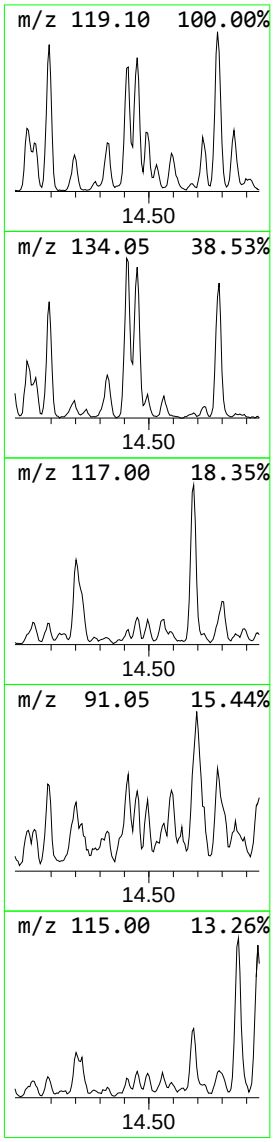
****

Peak Number 11 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	2.29 ug/L	87016	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

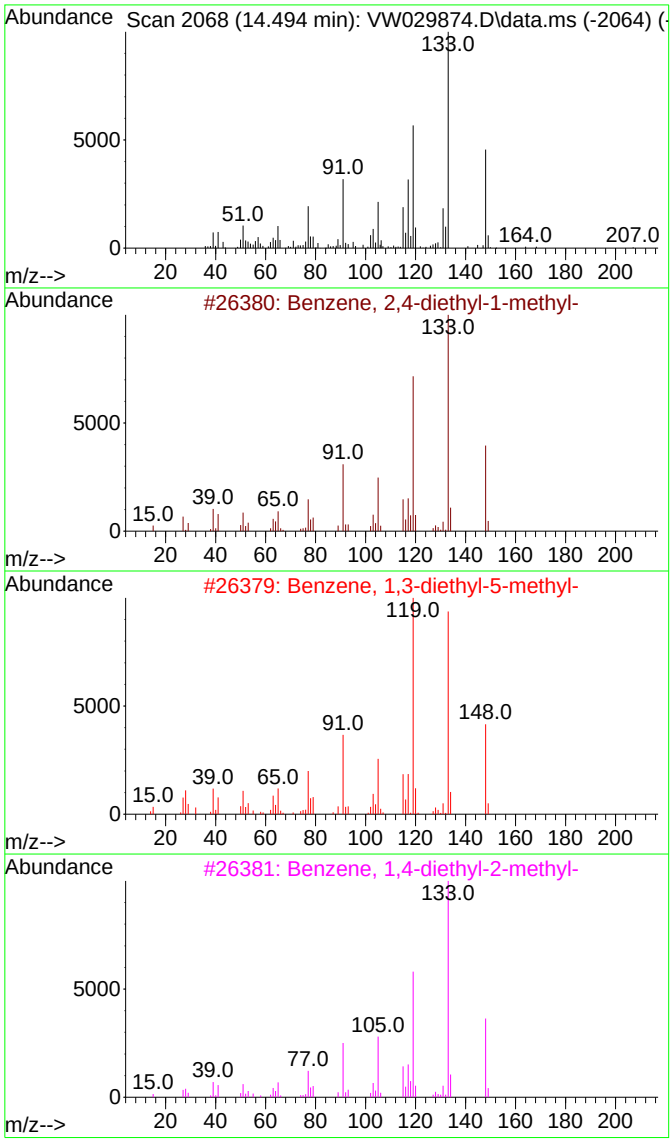
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

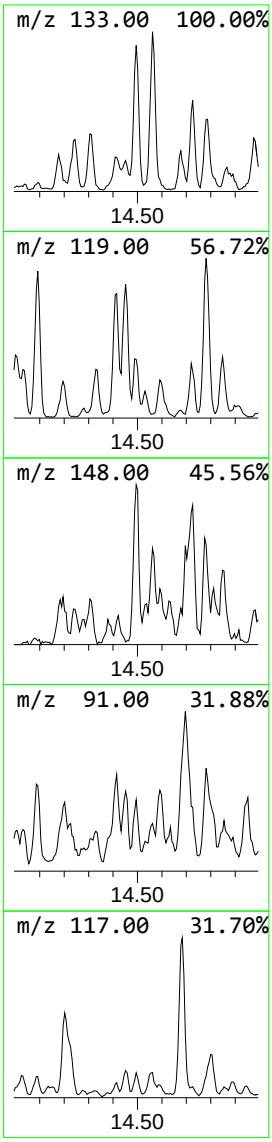
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	2.36 ug/L	89706	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	52
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

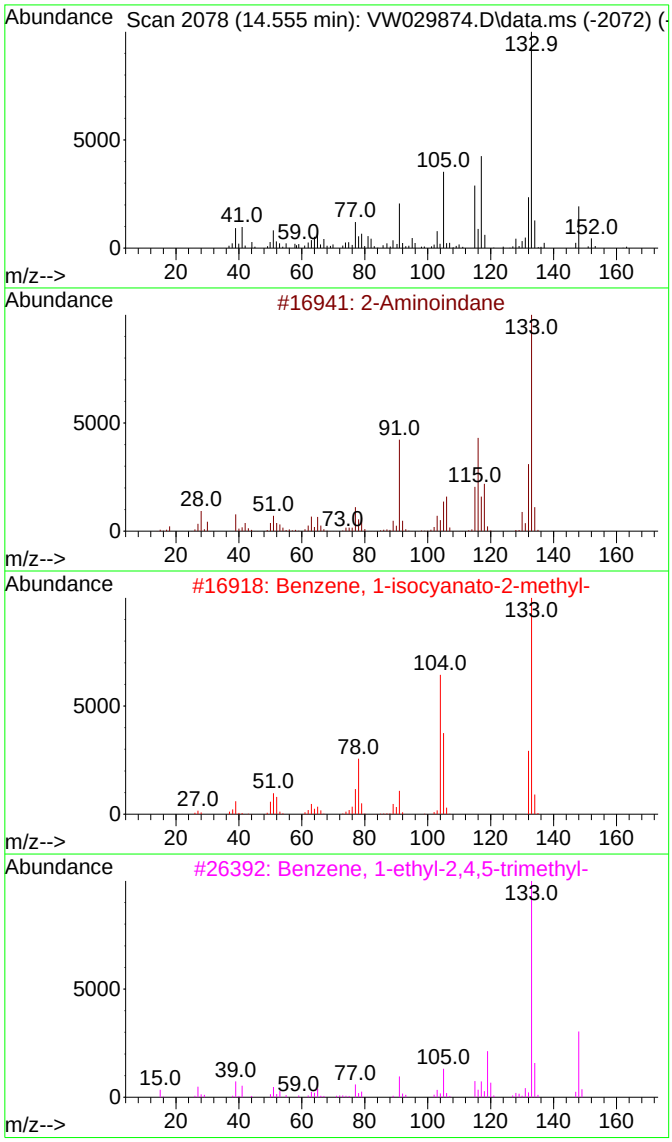
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

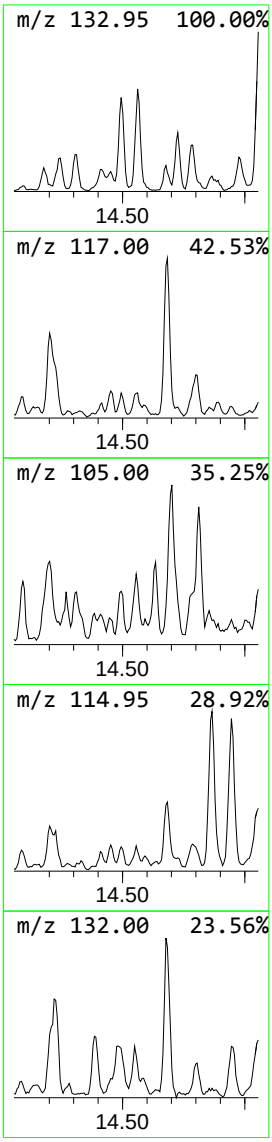
****

Peak Number 13 2-Aminoindane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.555	1.95 ug/L	74256	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminoindane	133	C9H11N	002975-41-9	50
2	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	49
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	49
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	49
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

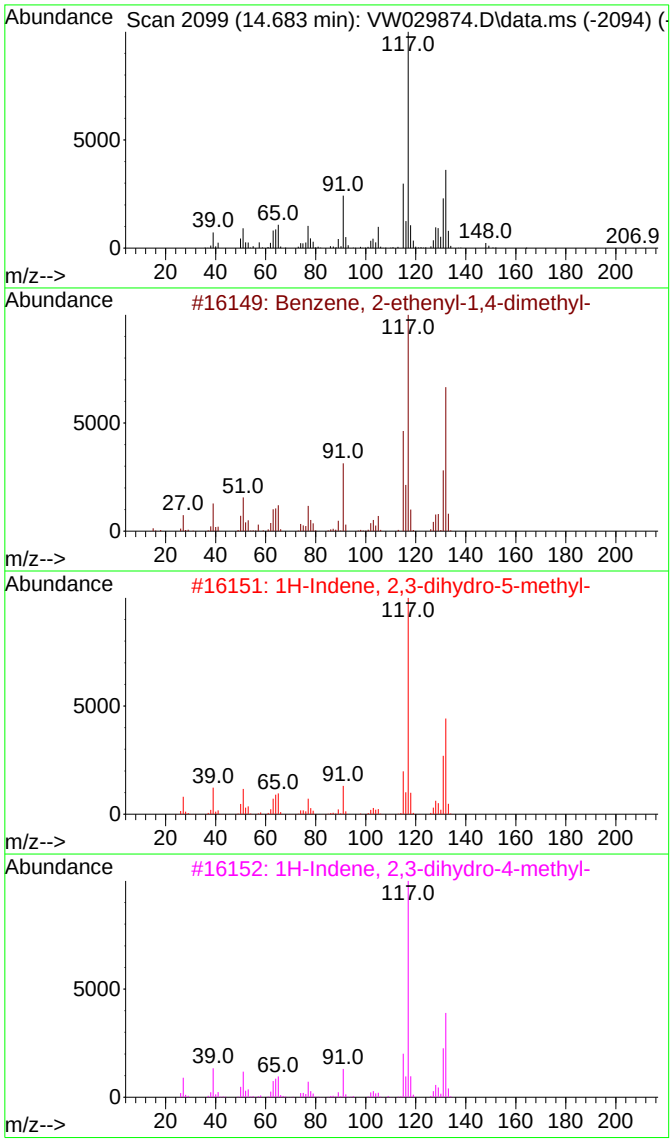
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

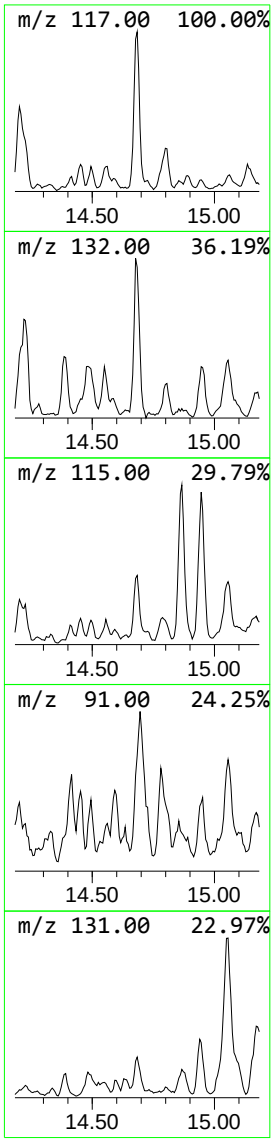
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.683	5.51 ug/L	209561	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

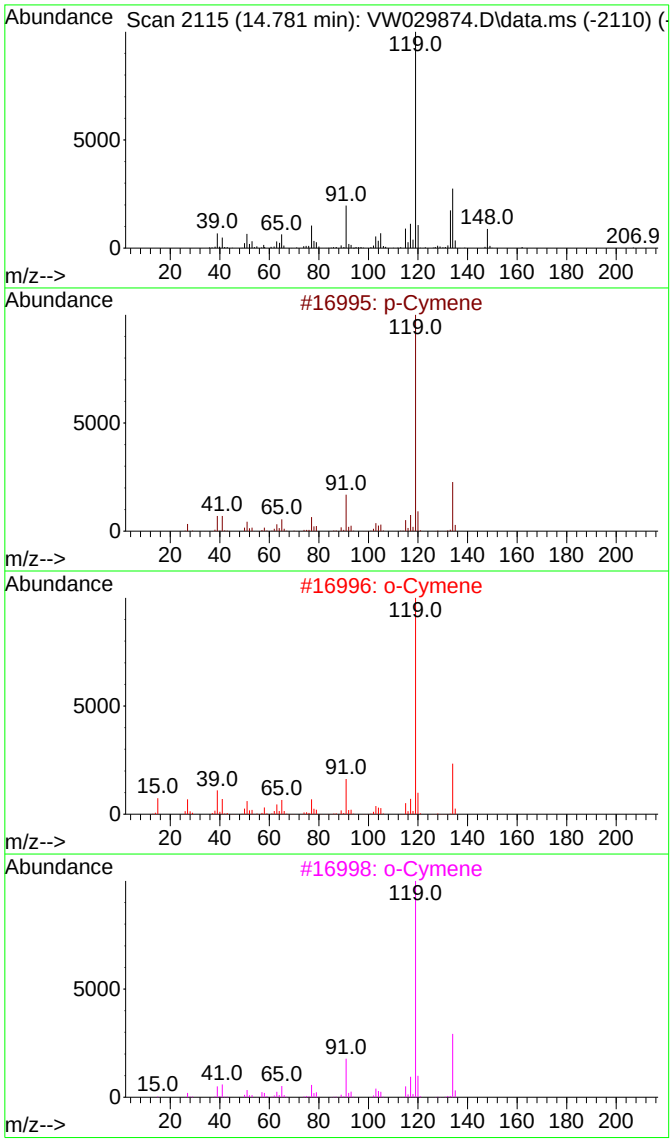
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

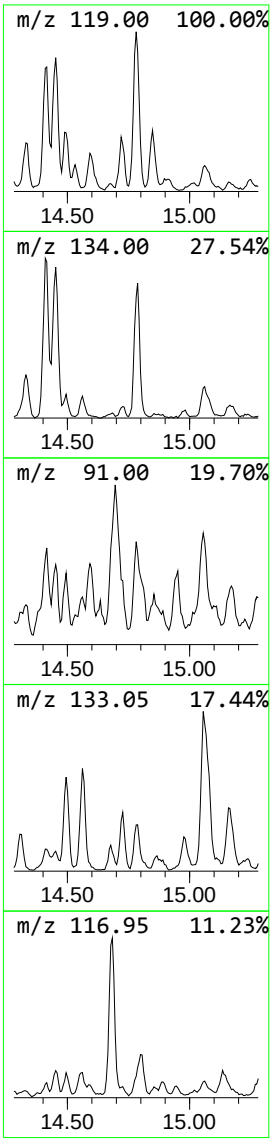
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.781	5.40 ug/L	205206	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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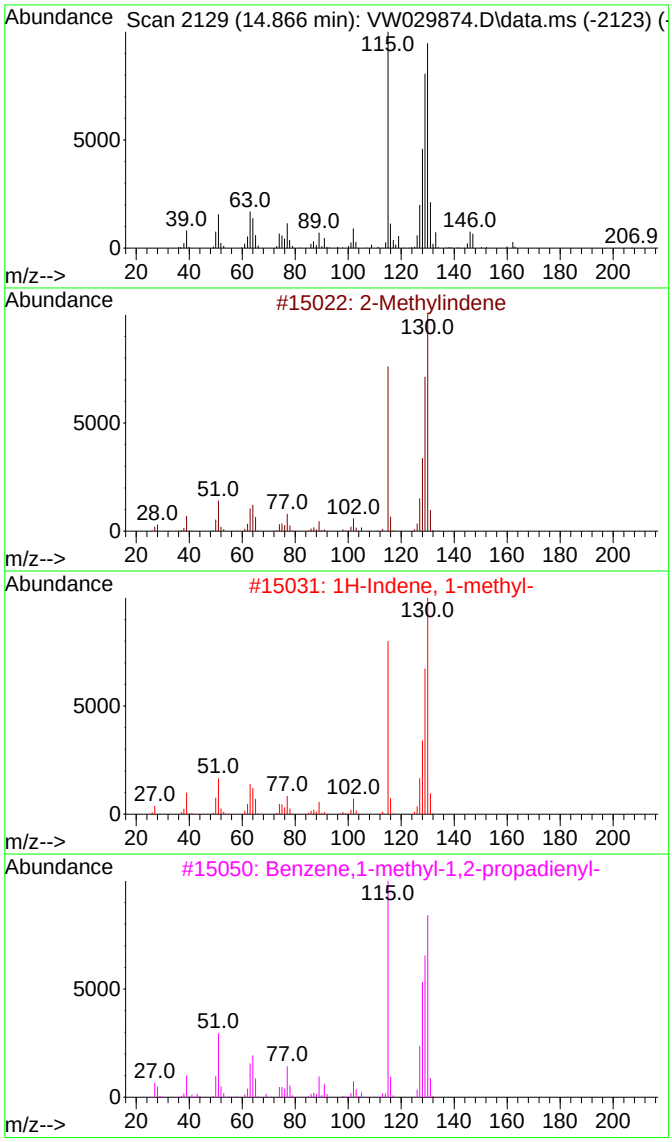
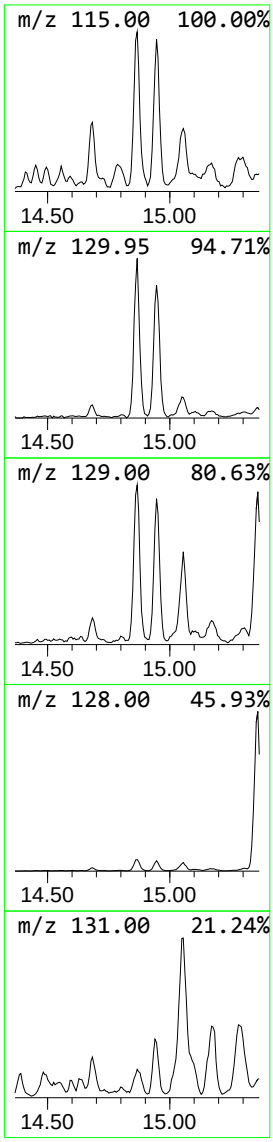
Peak Number 16 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.866	6.35 ug/L	241235	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

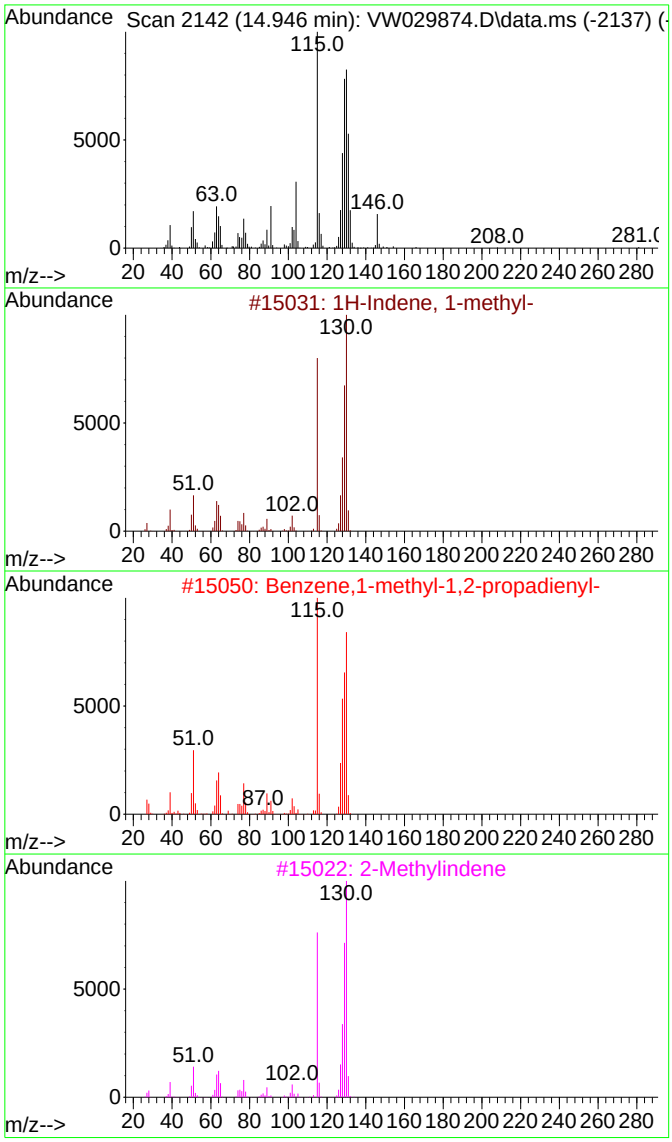
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

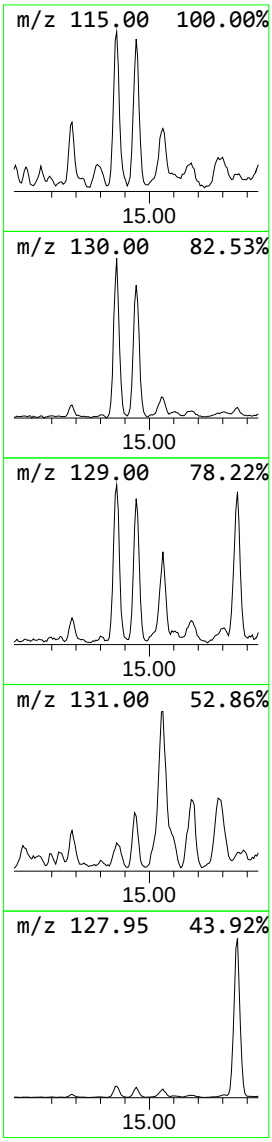
****

Peak Number 17 1H-Indene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	5.27 ug/L	200197	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	83
3	2-Methylindene	130	C10H10	002177-47-1	70
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	70
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

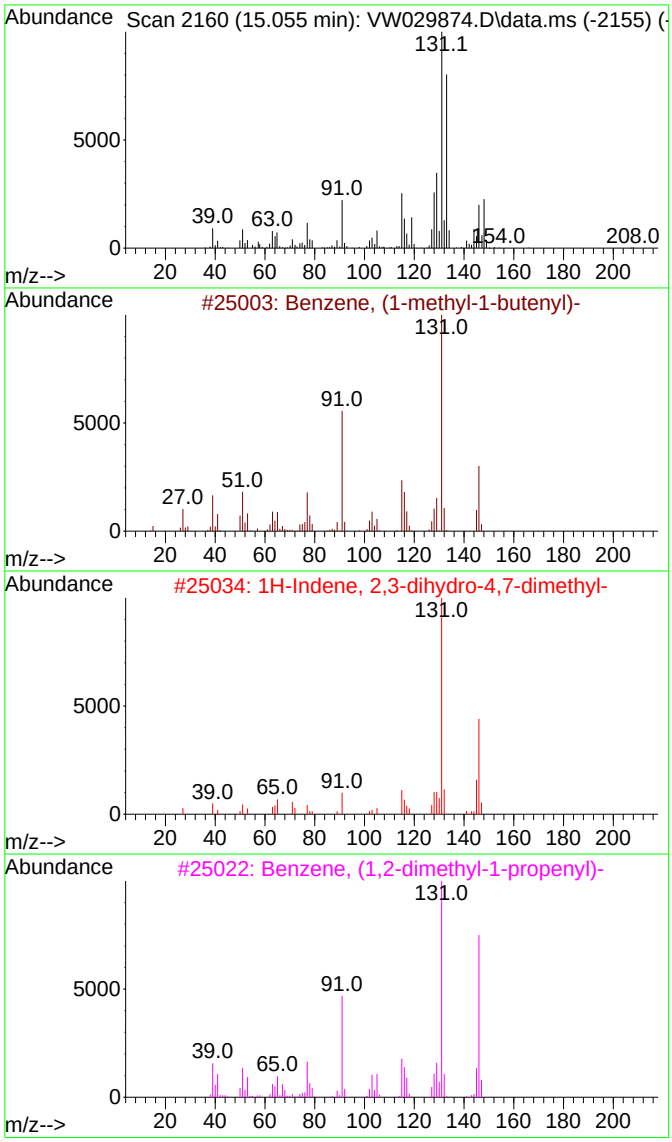
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

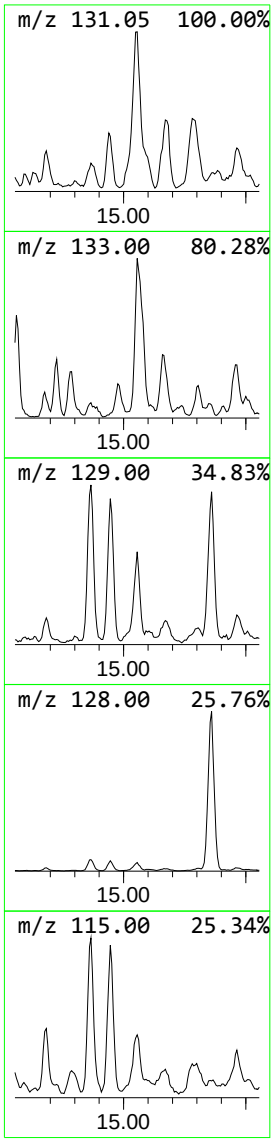
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (1-methyl-1-butenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	8.52 ug/L	323841	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	50
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	49
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

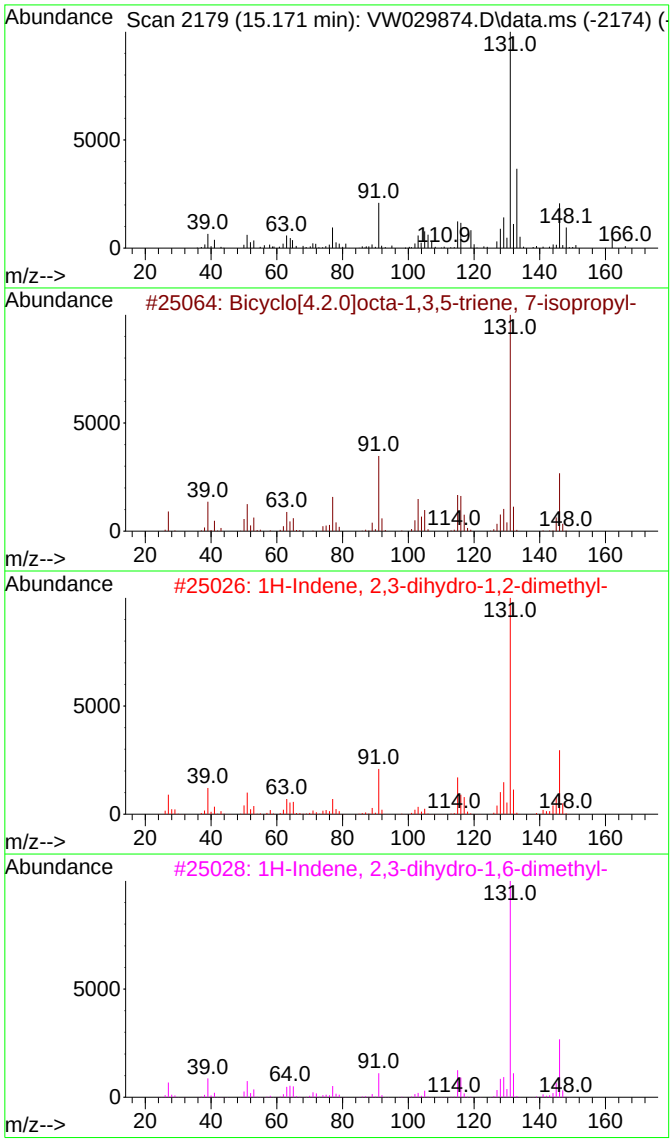
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

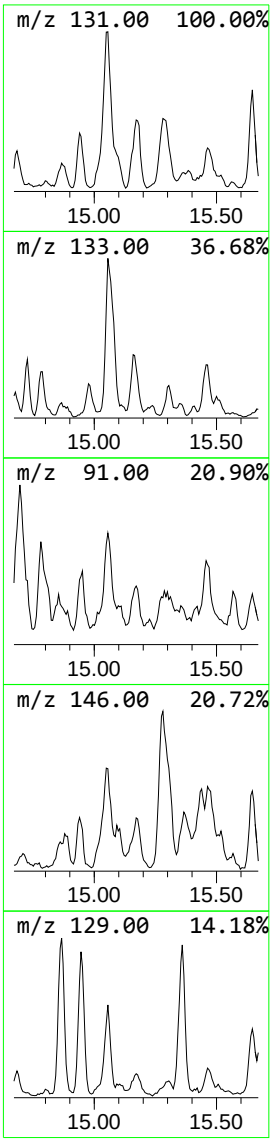
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.171	2.96 ug/L	112684	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	89
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	68





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

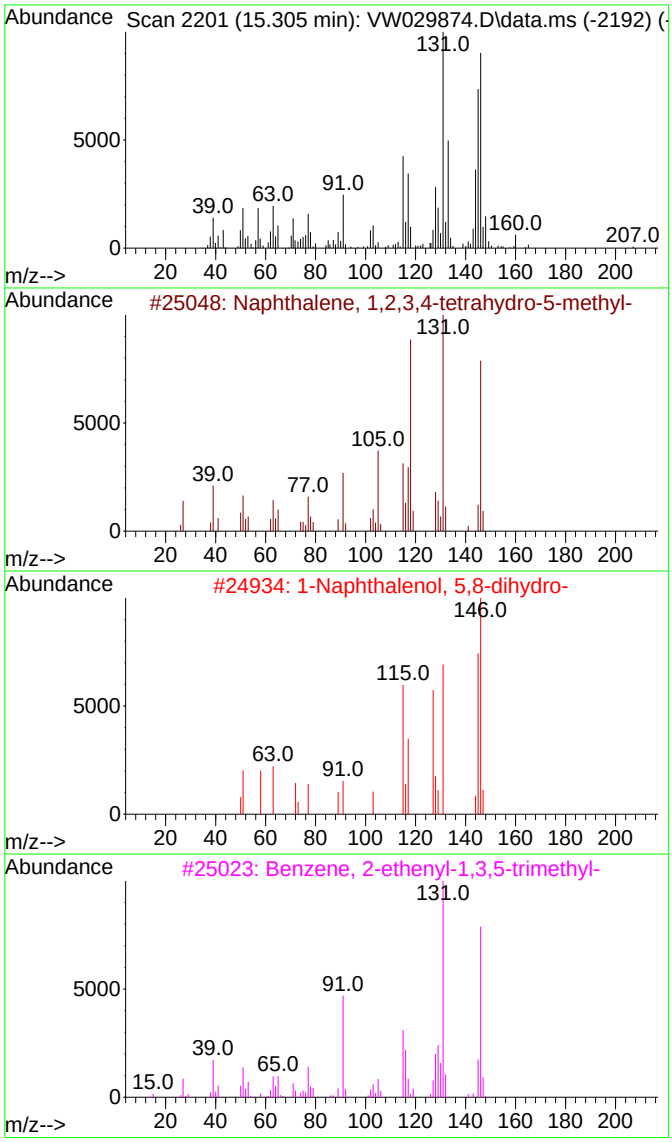
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

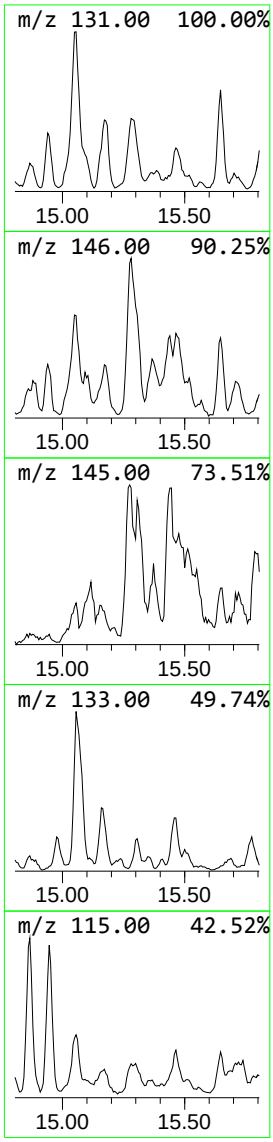
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.305	4.62 ug/L	175435	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	78
2	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	70
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	55





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

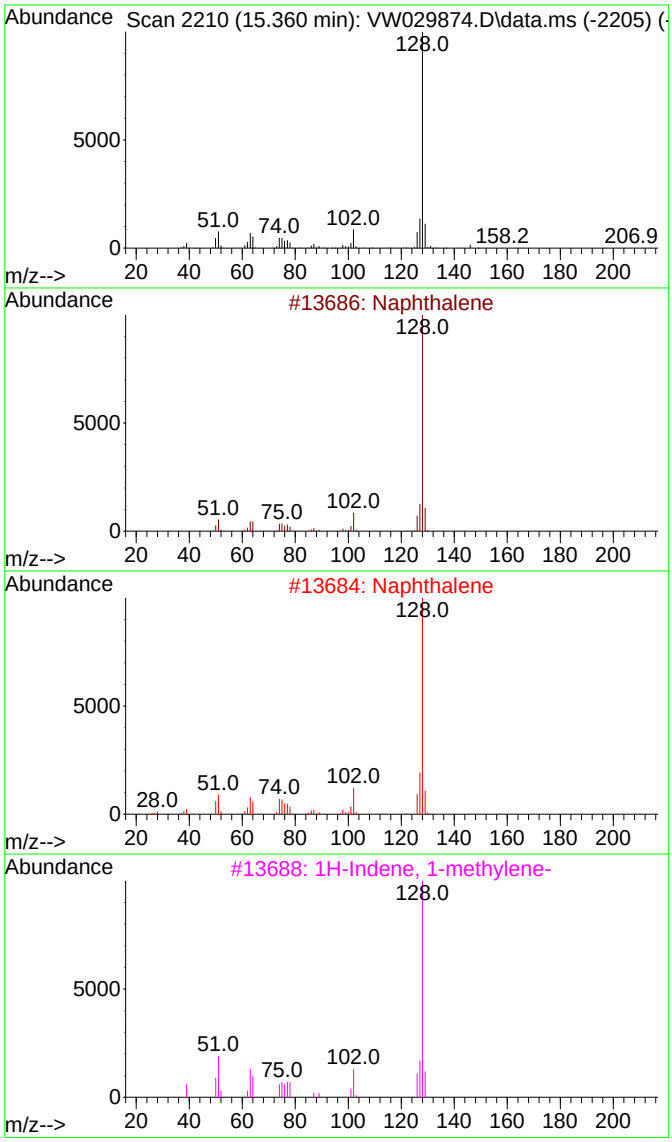
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

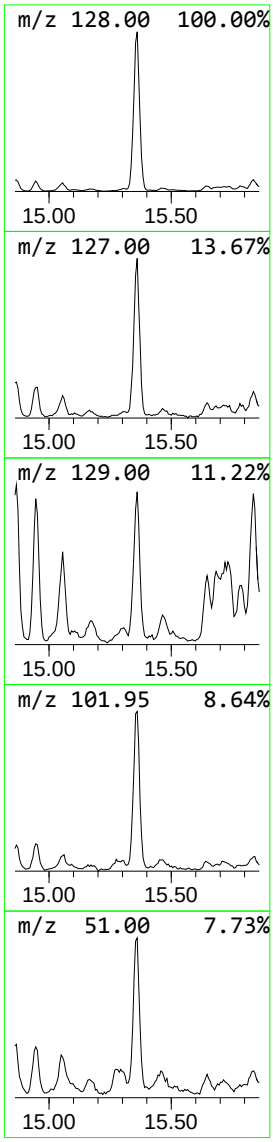
****

Peak Number 21 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	12.32 ug/L	468067	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	90





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

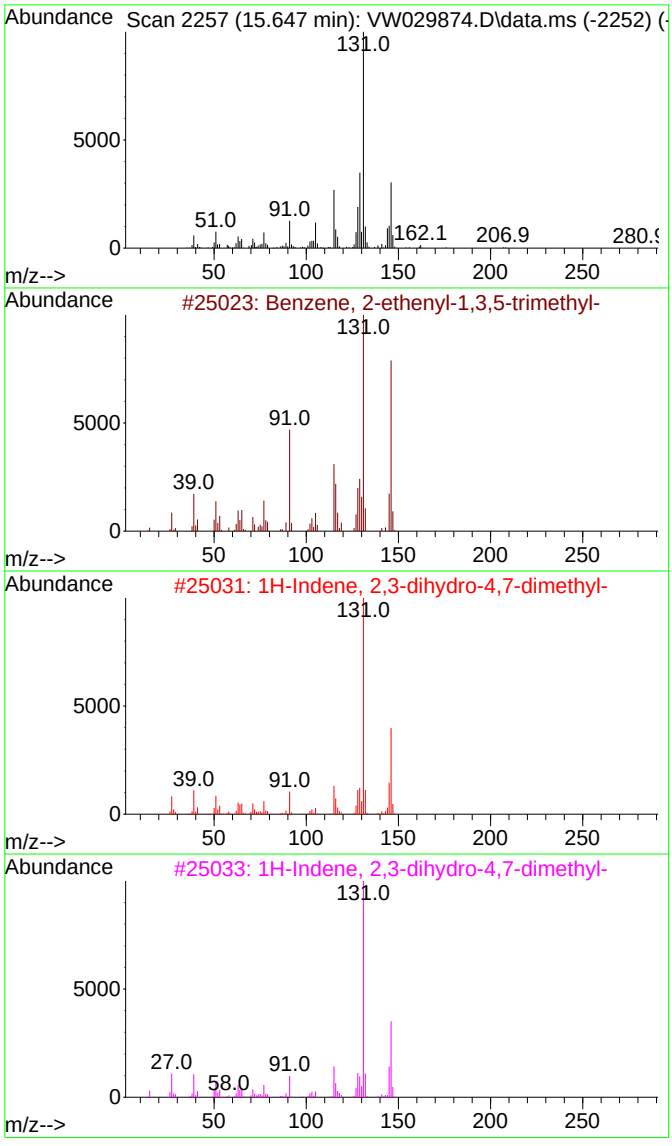
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

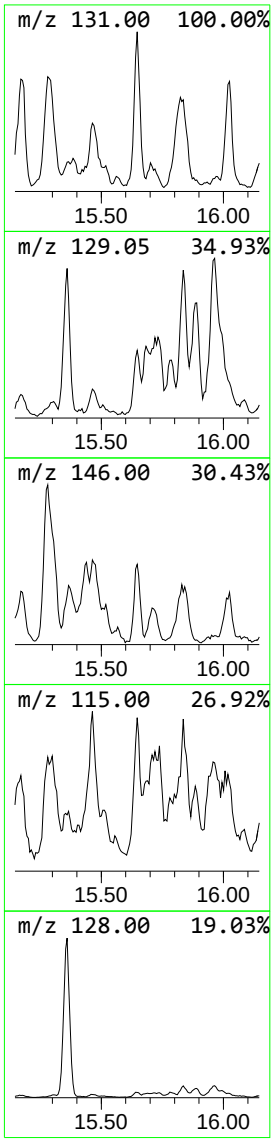
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	3.40 ug/L	129313	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	86
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

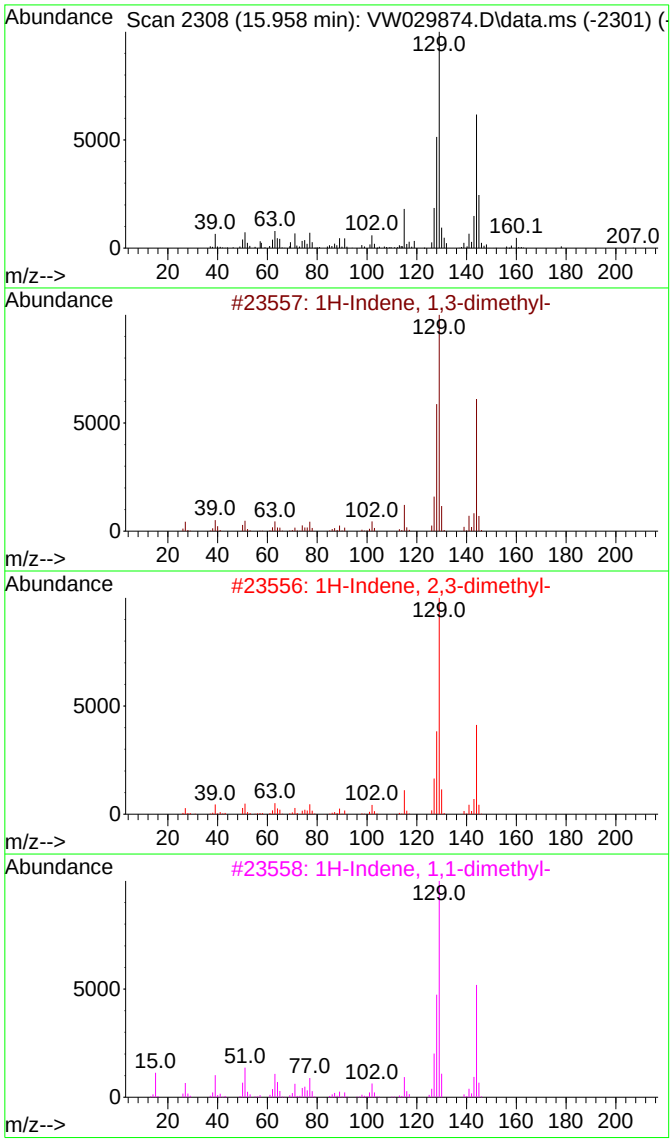
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

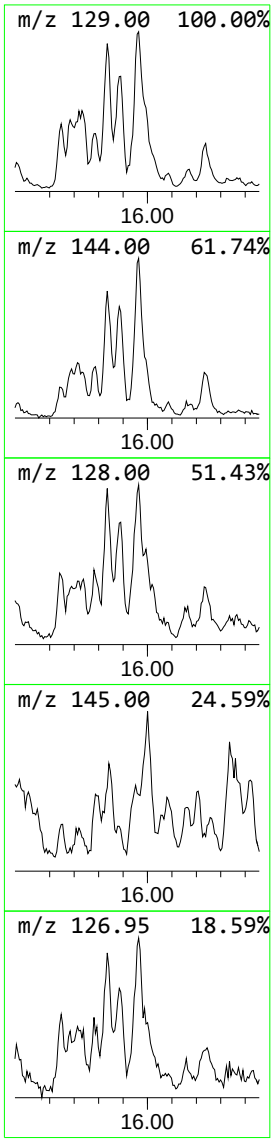
****

Peak Number 23 1H-Indene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.958	4.75 ug/L	180447	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	91
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	83





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Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

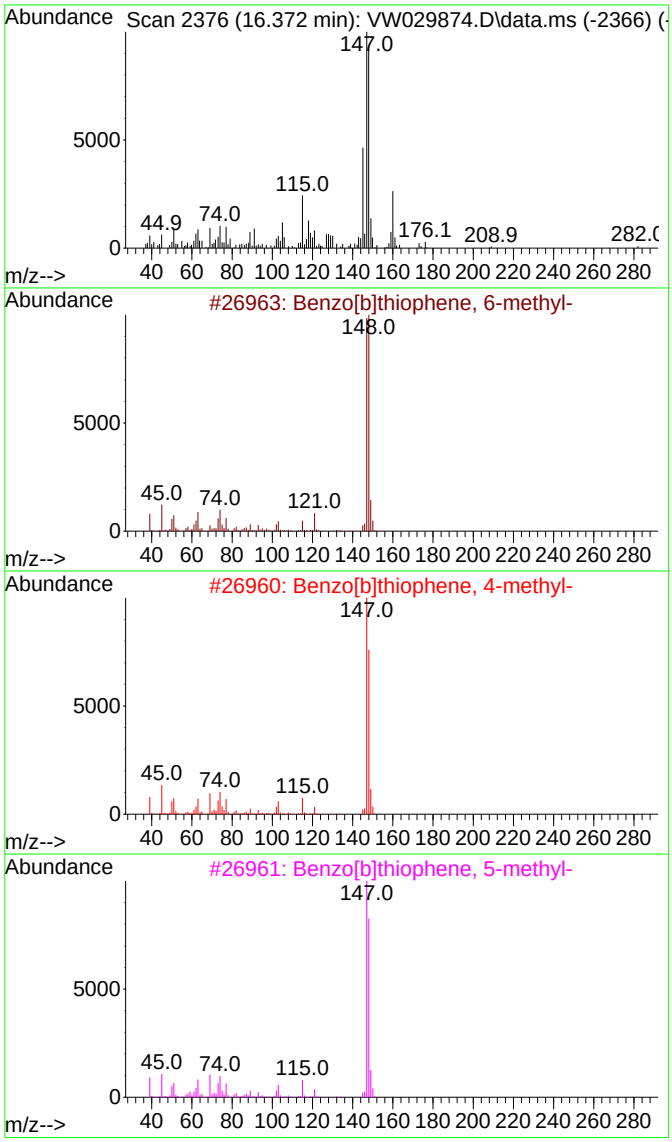
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

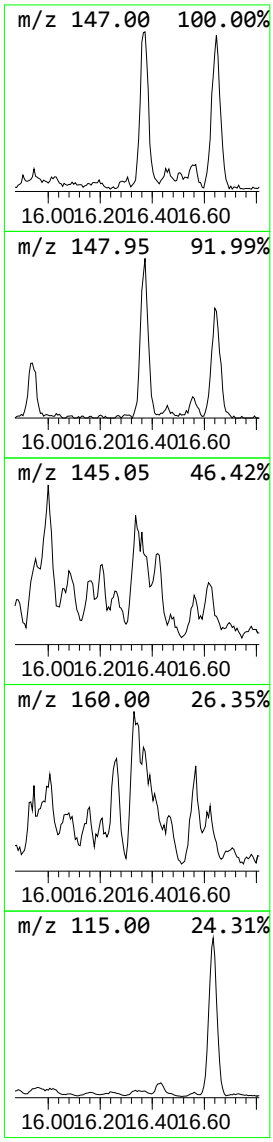
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzo[b]thiophene, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.372	3.54 ug/L	134616	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	83
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	58
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	58
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	52
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

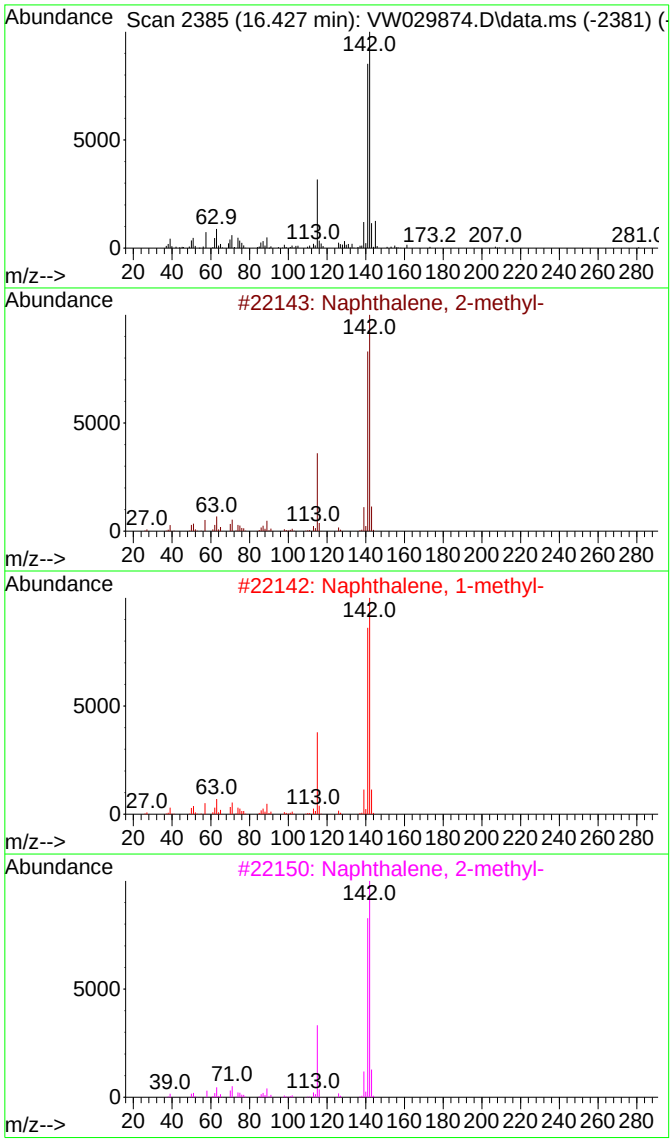
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

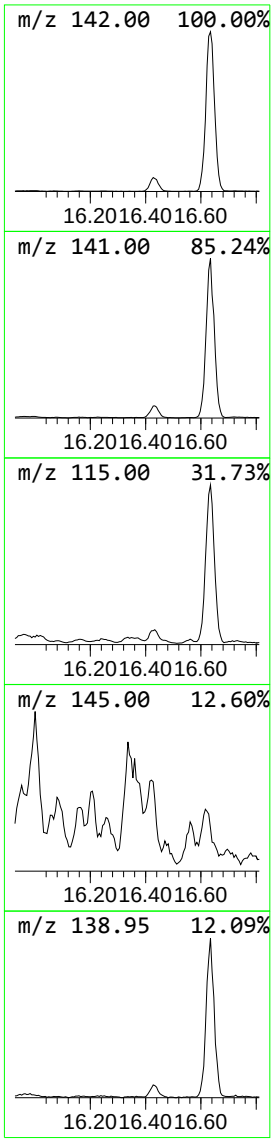
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzocycloheptatriene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	4.42 ug/L	168068	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

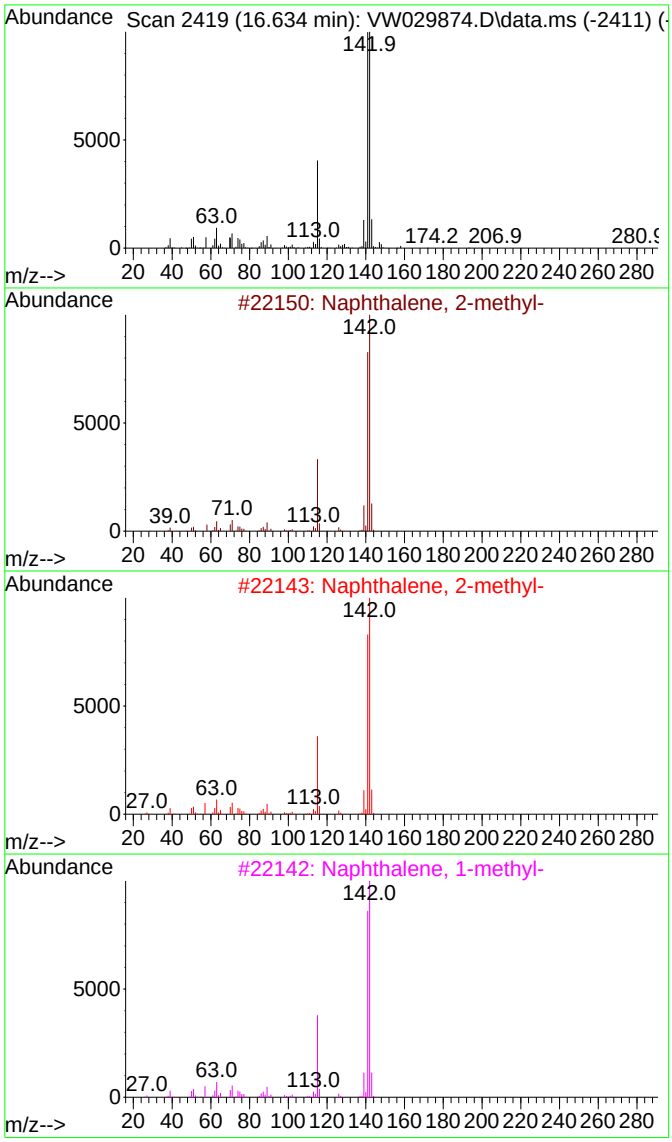
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

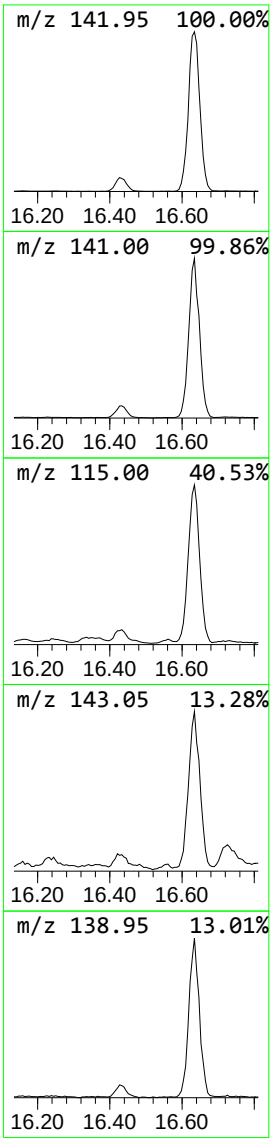
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	35.13 ug/L	1335070	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029874.D
Acq On : 09 Aug 2024 15:07
Operator : SY/MD
Sample : P3481-17
Misc : 6.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AF2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	13.098	1.5	ug/L	57989	3	13.556	950162	25.0
Benzene, 1,4-di...	13.714	3.1	ug/L	118071	3	13.556	950162	25.0
Indane	13.751	3.7	ug/L	139433	3	13.556	950162	25.0
Benzene, 1,2-di...	13.787	7.0	ug/L	266794	3	13.556	950162	25.0
p-Cymene	14.007	1.6	ug/L	60627	3	13.556	950162	25.0
Benzene, 4-ethy...	14.092	3.0	ug/L	112602	3	13.556	950162	25.0
Benzene, 1-ethe...	14.202	3.1	ug/L	117465	3	13.556	950162	25.0
Benzene, 1,2,4,...	14.415	4.3	ug/L	164004	3	13.556	950162	25.0
o-Cymene	14.452	2.3	ug/L	87016	3	13.556	950162	25.0
Benzene, 2,4-di...	14.494	2.4	ug/L	89706	3	13.556	950162	25.0
2-Aminoindane	14.555	2.0	ug/L	74256	3	13.556	950162	25.0
Benzene, 2-ethe...	14.683	5.5	ug/L	209561	3	13.556	950162	25.0
1,3-Cyclopentad...	14.781	5.4	ug/L	205206	3	13.556	950162	25.0
2-Methylindene	14.866	6.3	ug/L	241235	3	13.556	950162	25.0
1H-Indene, 1-me...	14.946	5.3	ug/L	200197	3	13.556	950162	25.0
Benzene, (1-met...	15.055	8.5	ug/L	323841	3	13.556	950162	25.0
Bicyclo[4.2.0]o...	15.171	3.0	ug/L	112684	3	13.556	950162	25.0
Naphthalene, 1,...	15.305	4.6	ug/L	175435	3	13.556	950162	25.0
Azulene	15.360	12.3	ug/L	468067	3	13.556	950162	25.0
Benzene, 2-ethe...	15.647	3.4	ug/L	129313	3	13.556	950162	25.0
1H-Indene, 1,3-...	15.958	4.8	ug/L	180447	3	13.556	950162	25.0
Benzo[b]thiophe...	16.372	3.5	ug/L	134616	3	13.556	950162	25.0
Benzocyclohepta...	16.427	4.4	ug/L	168068	3	13.556	950162	25.0
1,4-Methanonaph...	16.634	35.1	ug/L	1335070	3	13.556	950162	25.0