LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
Data File : VX042146.D
Acq On : 02 Jul 2024 17:42
Operator : JC/MD
Sample : P3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW2-20240627

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_X\Method\82X061824W.M
Title : SW846 8260

Signal : TIC: VX042146.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.240	21	25	33	rBV2	18626	25150	3.70%	0.269%
2	1.581	69	81	82	rBV6	4551	11339	1.67%	0.121%
3	1.721	99	104	113	rVB	43000	57372	8.43%	0.614%
4	1.934	134	139	146	rVB	9916	14781	2.17%	0.158%
5	2.325	193	203	209	rBV3	7498	15621	2.30%	0.167%
6	2.386	209	213	221	rVB	18899	30939	4.55%	0.331%
7	2.770	261	276	279	rBV3	19691	44765	6.58%	0.479%
8	2.812	279	283	288	rVB	21036	37256	5.48%	0.398%
9	3.093	320	329	341	rBV	45769	107694	15.83%	1.152%
10	3.727	425	433	441	rBV2	5243	12298	1.81%	0.132%
11	3.830	441	450	460	rBV2	3991	10179	1.50%	0.109%
12	4.099	488	494	502	rVB5	3434	8720	1.28%	0.093%
13	4.208	502	512	517	rBV6	4281	12800	1.88%	0.137%
14	4.294	517	526	545	rVB2	39662	115934	17.04%	1.240%
15	4.580	565	573	584	rBV2	3311	10316	1.52%	0.110%
16	5.123	648	662	664	rBV6	2524	6971	1.02%	0.075%
17	5.184	670	672	684	rVB4	3117	6863	1.01%	0.073%
18	5.385	693	705	714	rBV	82640	242714	35.68%	2.596%
19	5.464	714	718	723	rVV4	14689	41160	6.05%	0.440%
20	5.550	723	732	762	rVV2	132781	447057	65.71%	4.781%
21	5.824	766	777	787	rVV4	9061	28471	4.19%	0.304%
22	5.958	789	799	806	rBV2	76851	208057	30.58%	2.225%
23	6.037	806	812	822	rVV	63293	171203	25.17%	1.831%
24	6.153	824	831	839	rVV4	13791	50728	7.46%	0.543%
25	6.251	840	847	855	rVV3	21333	67126	9.87%	0.718%
26	6.354	855	864	875	rVB6	11548	40150	5.90%	0.429%
27	6.763	922	931	941	rBV	199669	492814	72.44%	5.271%
28	7.171	992	998	1005	rBV3	4059	8487	1.25%	0.091%
29	7.373	1020	1031	1045	rVB4	29008	83893	12.33%	0.897%
30	7.494	1045	1051	1055	rBV3	3948	8223	1.21%	0.088%
31	7.659	1072	1078	1085	rVB4	5815	12085	1.78%	0.129%
32	7.775	1090	1097	1104	rVB3	5069	10208	1.50%	0.109%
33	7.885	1104	1115	1122	rBV7	5154	18111	2.66%	0.194%
34	7.982	1122	1131	1142	rVB3	10719	28748	4.23%	0.307%
35	8.104	1142	1151	1155	rBV	16313	32910	4.84%	0.352%
36	8.317	1179	1186	1191	rVB5	4250	8492	1.25%	0.091%

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW2-20240627

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Title : SW846 8260

37	8.506	1212	1217	1224	rVB5	10928	23695	3.48%	0.253%
38	8.604	1224	1233	1235	rBV4	12664	29309	4.31%	0.313%
39	8.647	1235	1240	1249	rVV	431611	680307	100.00%	7.276%
40	8.720	1249	1252	1257	rVV	10128	18044	2.65%	0.193%
41	8.769	1257	1260	1264	rVV5	5255	8106	1.19%	0.087%
42	8.970	1288	1293	1299	rVB4	6992	13362	1.96%	0.143%
43	9.098	1299	1314	1320	rVB4	10460	23723	3.49%	0.254%
44	9.159	1320	1324	1330	rBV2	6364	11061	1.63%	0.118%
45	9.506	1377	1381	1385	rVV3	6154	10309	1.52%	0.110%
46	10.055	1465	1471	1480	rBV	445051	603580	88.72%	6.455%
47	10.195	1489	1494	1504	rBV	285304	377775	55.53%	4.040%
48	10.305	1504	1512	1519	rVB	351177	494811	72.73%	5.292%
49	10.585	1551	1558	1562	rBV5	3958	7928	1.17%	0.085%
50	10.640	1563	1567	1575	rVB	20707	29275	4.30%	0.313%
51	10.780	1582	1590	1594	rBV5	4636	8720	1.28%	0.093%
52	10.860	1599	1603	1612	rVB8	2823	7106	1.04%	0.076%
53	10.963	1614	1620	1625	rBV	42216	53266	7.83%	0.570%
54	11.079	1634	1639	1651	rBV	378671	492914	72.45%	5.272%
55	11.305	1667	1676	1683	rBV	57895	77816	11.44%	0.832%
56	11.396	1684	1691	1696	rVV	67417	121169	17.81%	1.296%
57	11.451	1696	1700	1709	rVB	67659	86760	12.75%	0.928%
58	11.610	1720	1726	1734	rBV	143400	190867	28.06%	2.041%
59	11.750	1745	1749	1756	rVB	254843	312456	45.93%	3.342%
60	11.890	1770	1772	1776	rVB	6673	7139	1.05%	0.076%
61	11.969	1781	1785	1788	rBV2	5991	7145	1.05%	0.076%
62	12.024	1788	1794	1800	rVV	447792	588530	86.51%	6.294%
63	12.085	1800	1804	1816	rVB	119227	152397	22.40%	1.630%
64	12.244	1822	1830	1838	rBV2	370709	481488	70.78%	5.149%
65	12.317	1838	1842	1849	rVB3	46730	67979	9.99%	0.727%
66	12.408	1851	1857	1861	rBV2	19480	26834	3.94%	0.287%
67	12.463	1861	1866	1872	rVB2	49512	68307	10.04%	0.731%
68	12.530	1872	1877	1879	rBV	34469	42579	6.26%	0.455%
69	12.555	1879	1881	1886	rVB	23144	25343	3.73%	0.271%
70	12.616	1886	1891	1894	rBV	130655	164551	24.19%	1.760%
71	12.646	1894	1896	1900	rVB	34774	34548	5.08%	0.369%
72	12.701	1900	1905	1913	rBV2	120186	181599	26.69%	1.942%
73	12.847	1924	1929	1934	rVB2	22544	30682	4.51%	0.328%
74	12.920	1934	1941	1945	rBV	93067	113737	16.72%	1.216%
75	12.963	1945	1948	1953	rVB	62147	75585	11.11%	0.808%
76	13.030	1953	1959	1964	rBV3	12319	25942	3.81%	0.277%

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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Integration Parameters: RTEINT.P
Integrator: RTE
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Title : SW846 8260

77	13.140	1968	1977	1978	rBV4	11319	17212	2.53%	0.184%
78	13.170	1978	1982	1991	rVB	72965	93384	13.73%	0.999%
79	13.256	1991	1996	1998	rBV4	8554	12761	1.88%	0.136%
80	13.292	1998	2002	2007	rVB2	170684	223704	32.88%	2.392%
81	13.371	2013	2015	2020	rVB	7578	8266	1.22%	0.088%
82	13.420	2020	2023	2029	rVB2	21207	29057	4.27%	0.311%
83	13.506	2032	2037	2040	rBV3	10399	15587	2.29%	0.167%
84	13.542	2040	2043	2046	rVV	27008	37145	5.46%	0.397%
85	13.585	2046	2050	2055	rVV3	31254	57683	8.48%	0.617%
86	13.640	2056	2059	2060	rVV2	15976	18563	2.73%	0.199%
87	13.664	2060	2063	2069	rVB2	28819	43744	6.43%	0.468%
88	13.774	2075	2081	2092	rBV	204684	262474	38.58%	2.807%
89	13.865	2092	2096	2101	rVB	11275	16734	2.46%	0.179%
90	13.926	2101	2106	2110	rVB2	9769	12651	1.86%	0.135%
91	13.969	2110	2113	2117	rBV	10861	12782	1.88%	0.137%
92	14.073	2126	2130	2136	rBV	15113	19662	2.89%	0.210%
93	14.213	2149	2153	2160	rBV2	13288	22334	3.28%	0.239%
94	14.323	2167	2171	2175	rVB	6219	7342	1.08%	0.079%
95	14.371	2175	2179	2184	rVB2	10464	13038	1.92%	0.139%
96	14.640	2218	2223	2229	rVB	48377	62890	9.24%	0.673%
97	14.780	2241	2246	2258	rVB	42791	56864	8.36%	0.608%

Sum of corrected areas: 9350256

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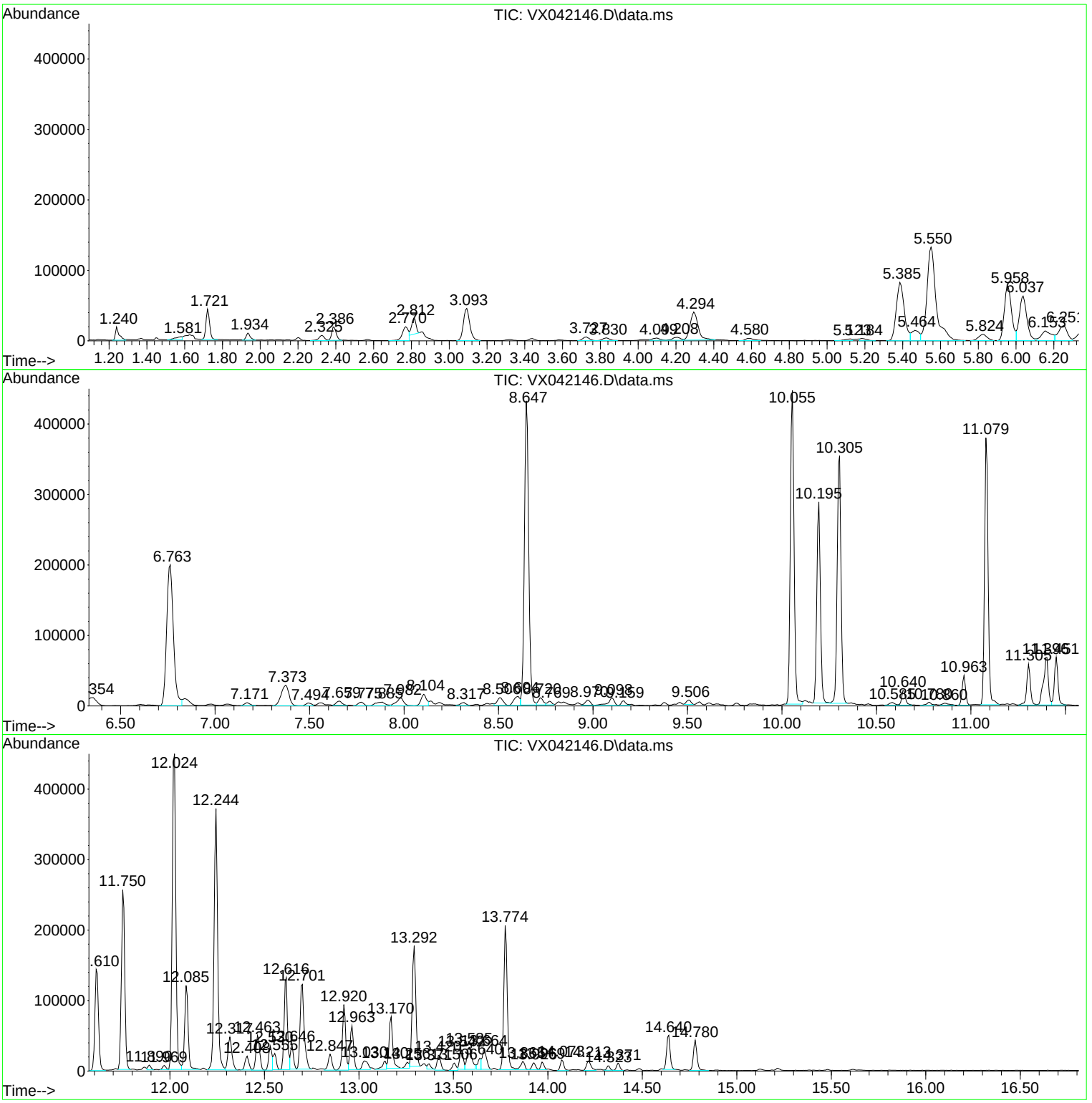
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

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



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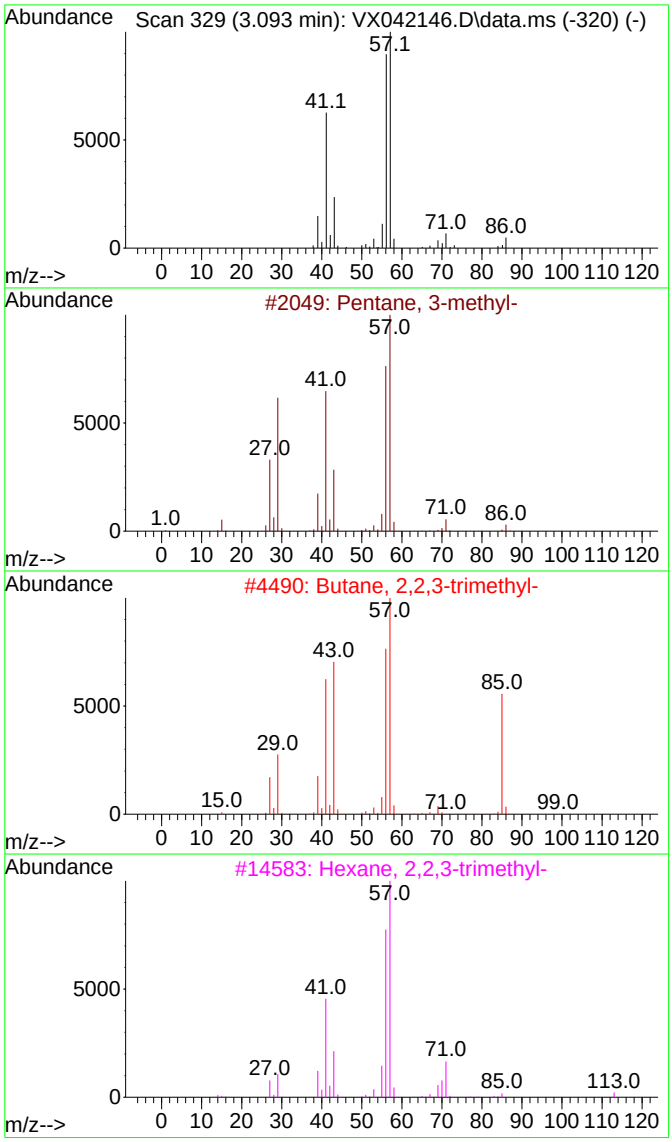
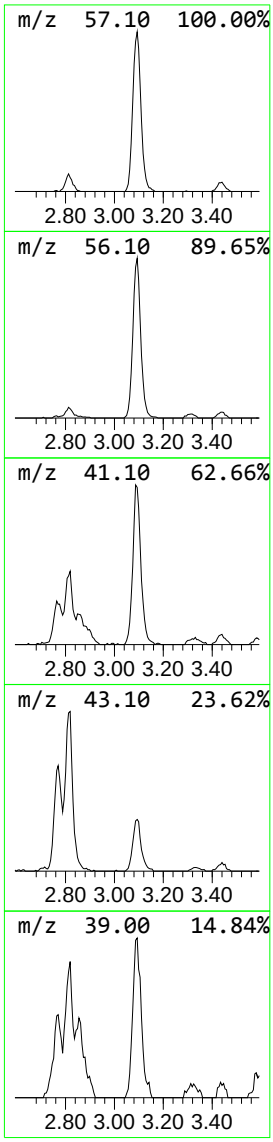
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	12.04 ug/l	107694	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	56
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	56





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

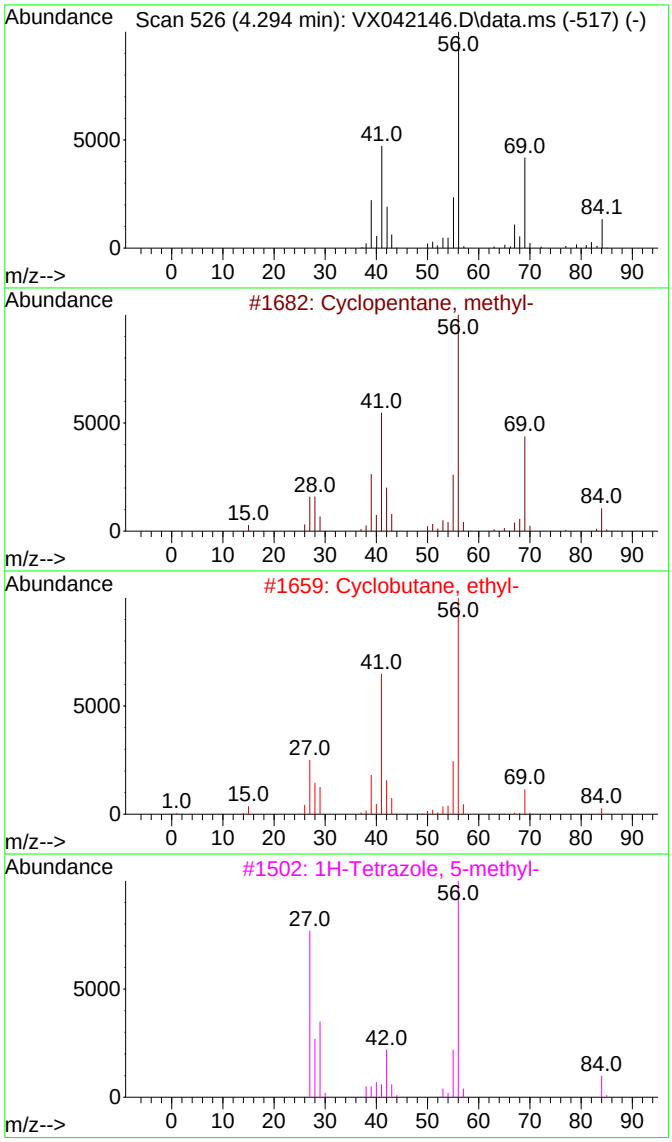
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

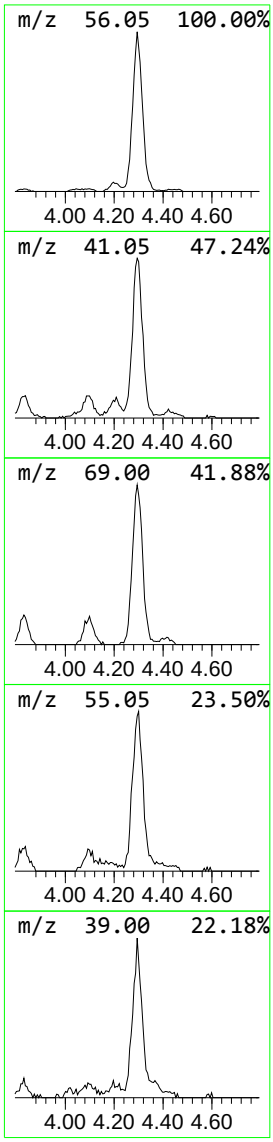
****

Peak Number 2 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	12.97 ug/l	115934	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
5	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	39





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MSVOA_X
ClientSampleId :
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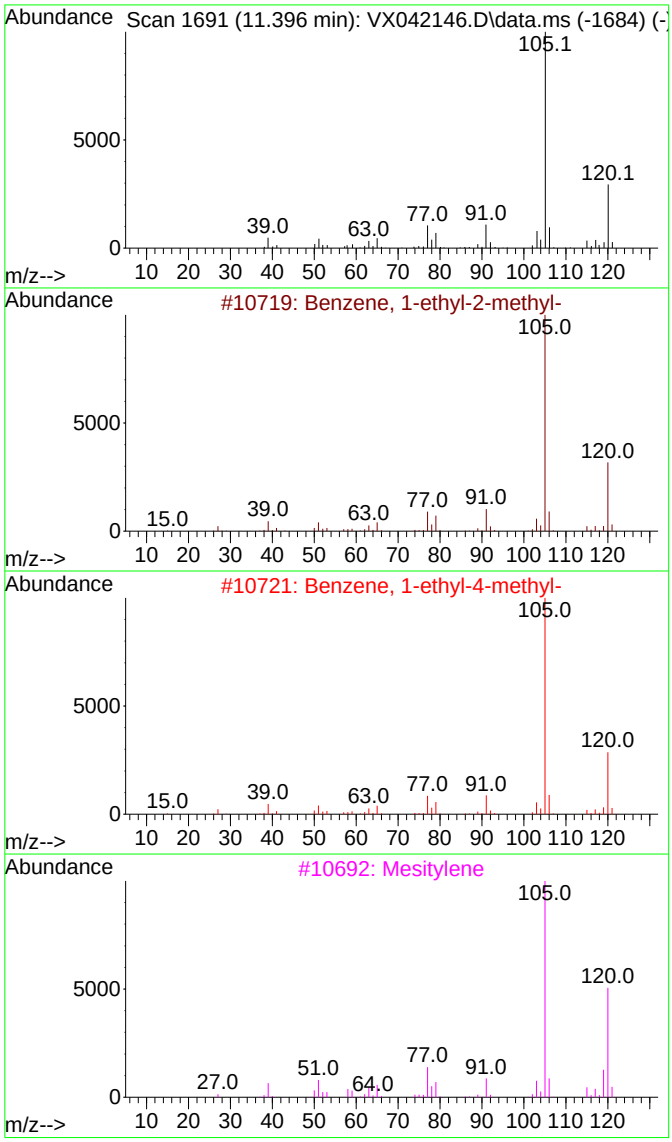
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

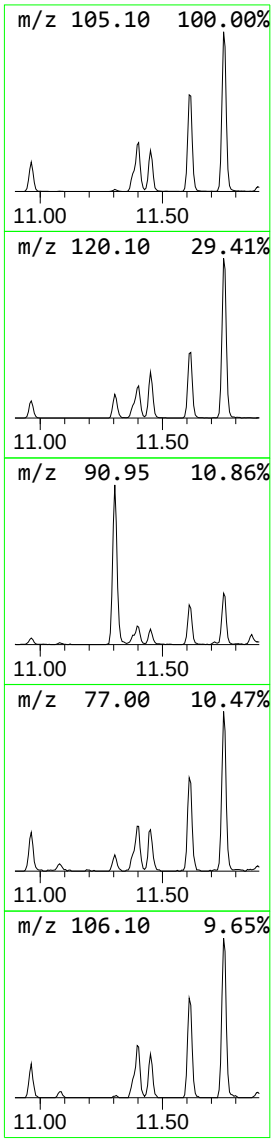
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	10.29 ug/l	121169	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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MSVOA_X
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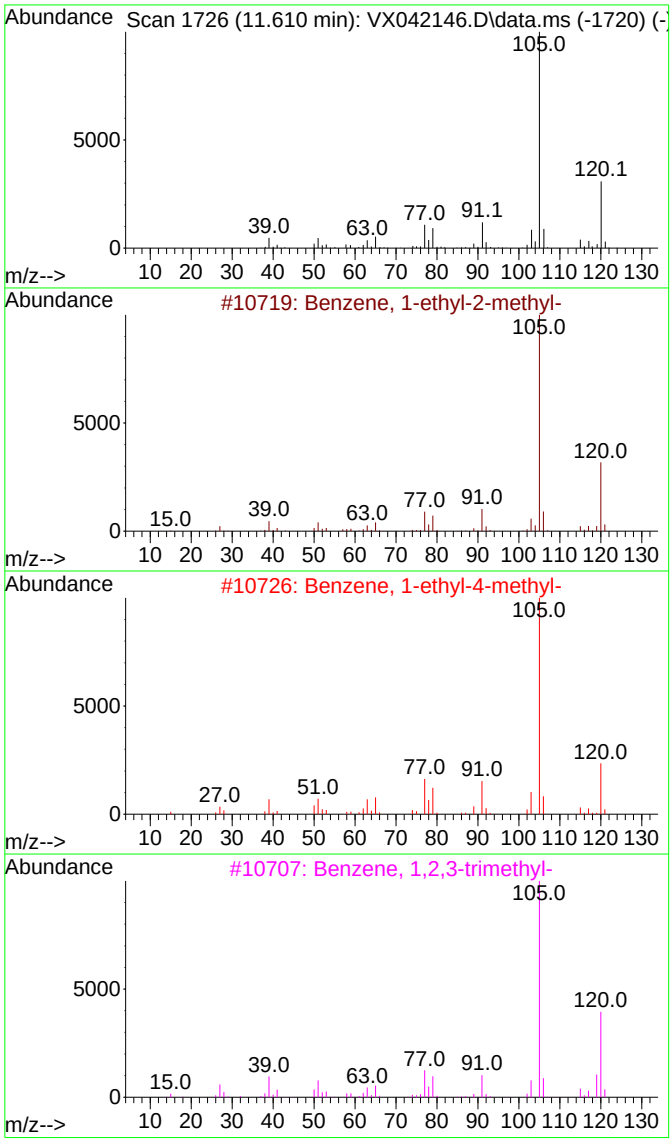
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

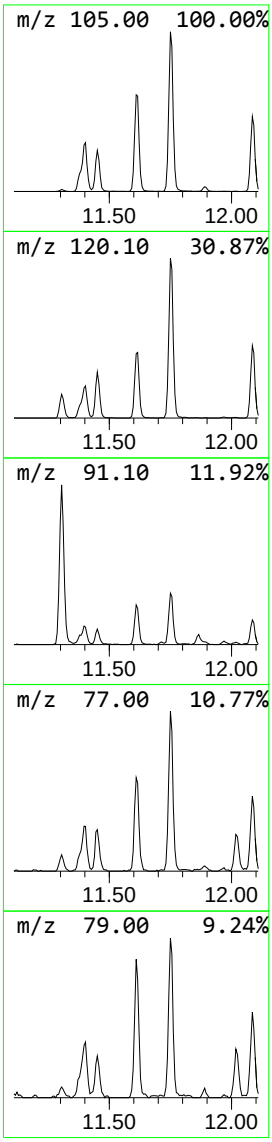
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	16.22 ug/l	190867	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : P3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

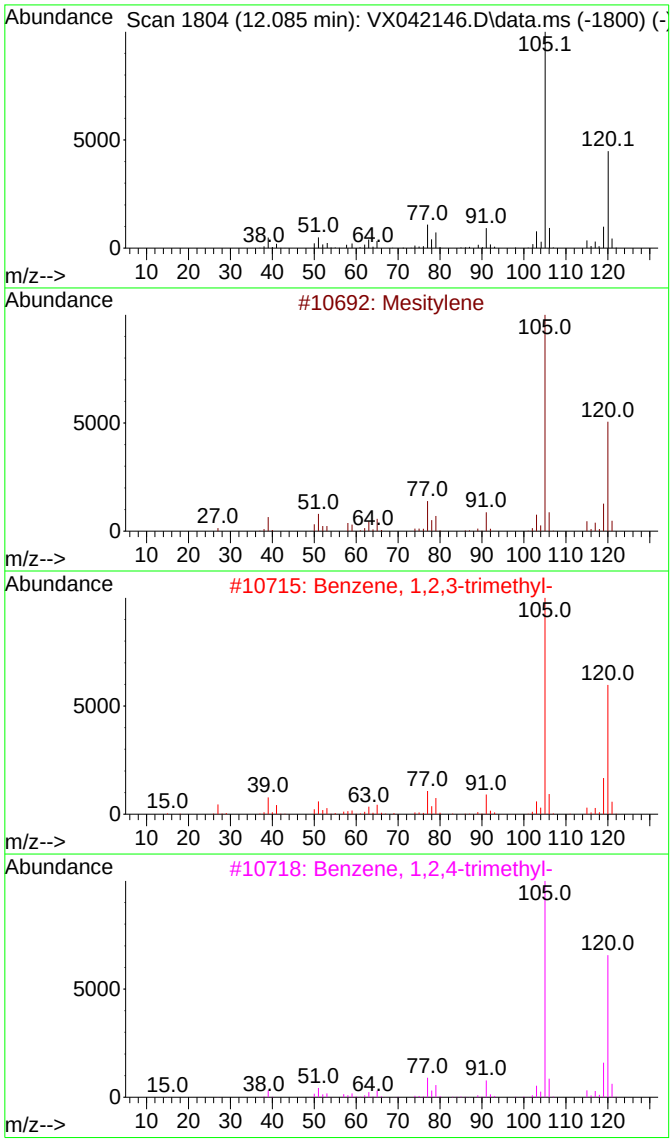
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

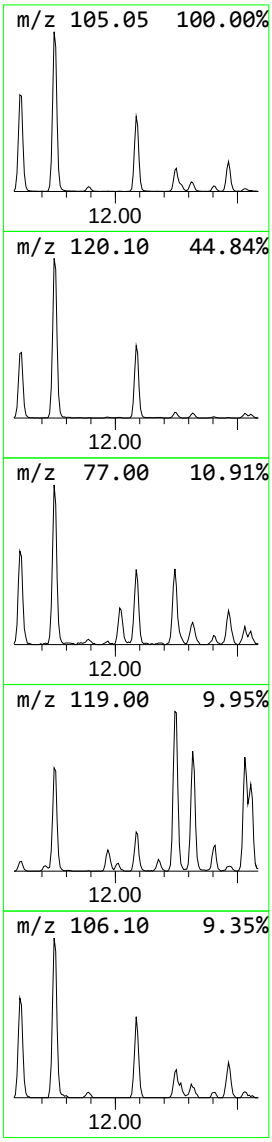
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	12.95 ug/l	152397	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
Data File : VX042146.D
Acq On : 02 Jul 2024 17:42
Operator : JC/MD
Sample : P3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

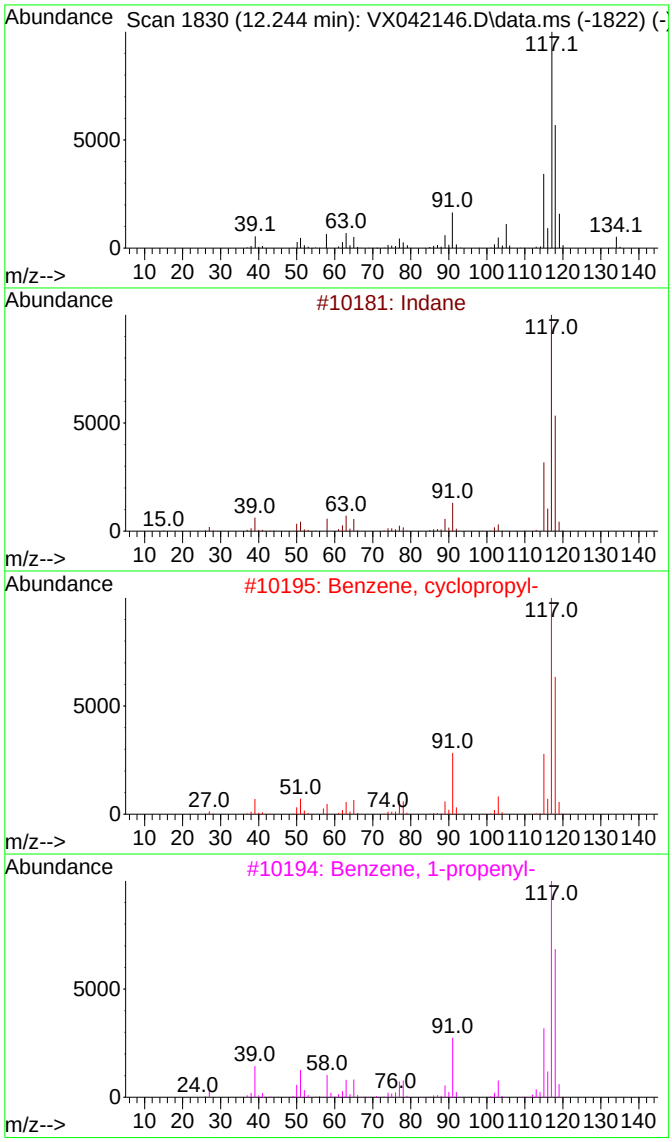
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

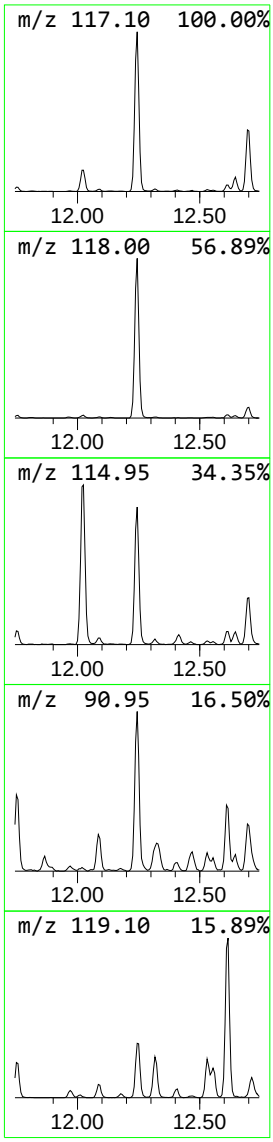
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	40.91 ug/l	481488	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Deltacyclene	118	C9H10	007785-10-6	64





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Data File : VX042146.D
Acq On : 02 Jul 2024 17:42
Operator : JC/MD
Sample : P3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

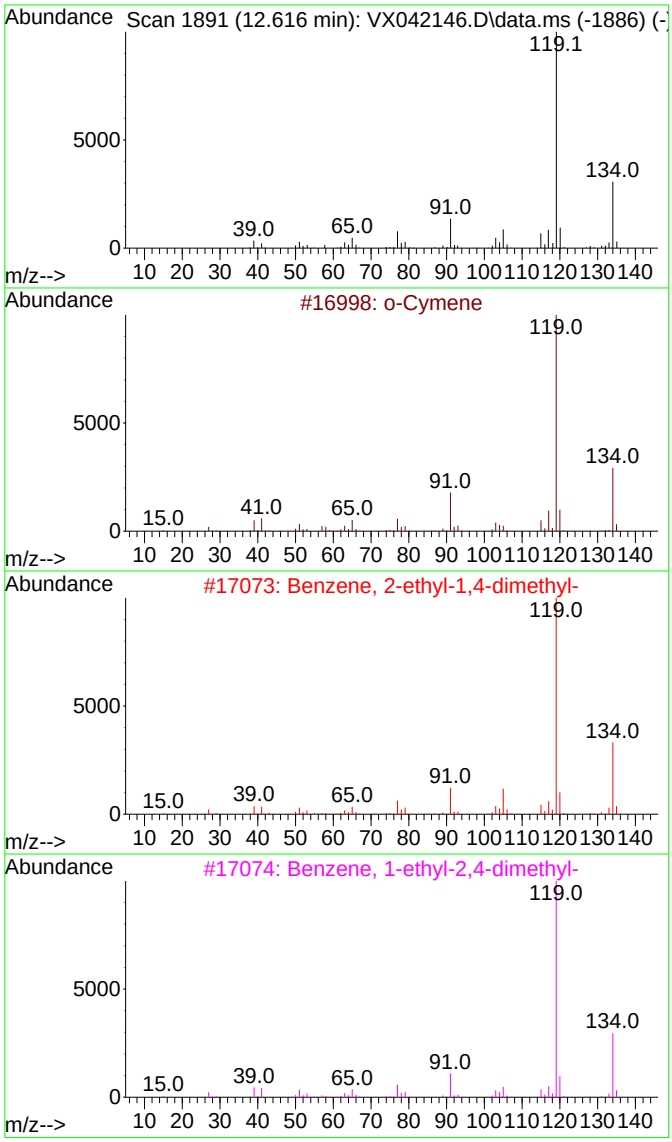
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

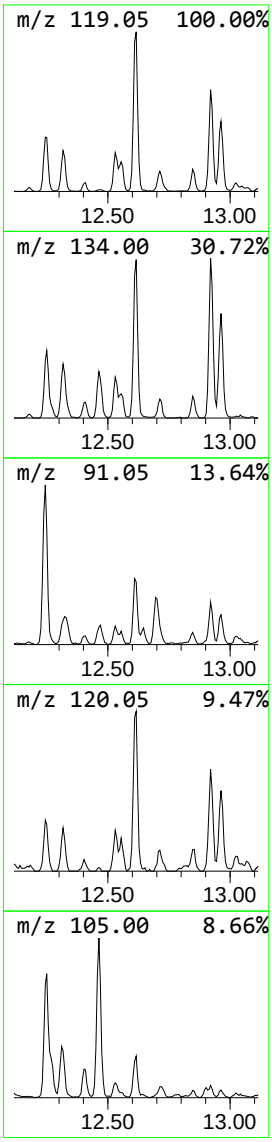
****

Peak Number 7 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	13.98 ug/l	164551	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
Data File : VX042146.D
Acq On : 02 Jul 2024 17:42
Operator : JC/MD
Sample : P3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

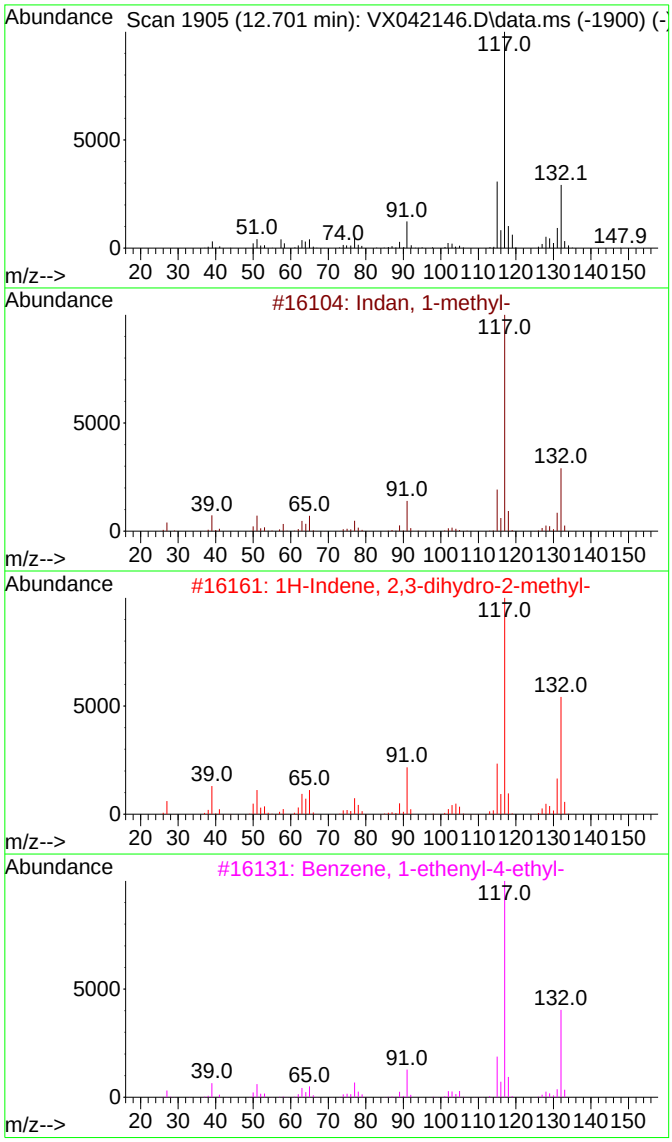
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

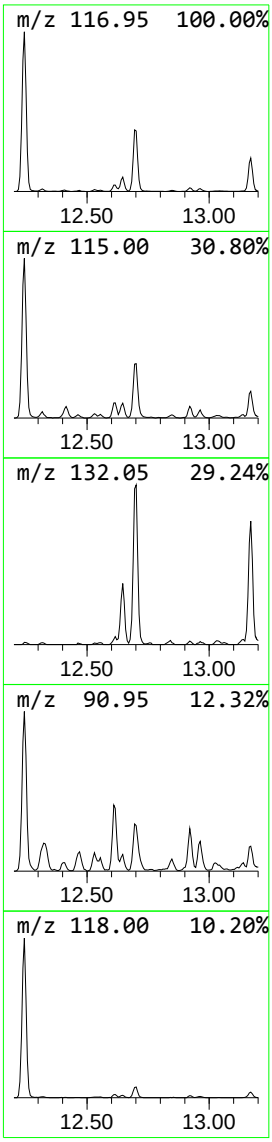
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	15.43 ug/l	181599	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





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Data File : VX042146.D
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Operator : JC/MD
Sample : P3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

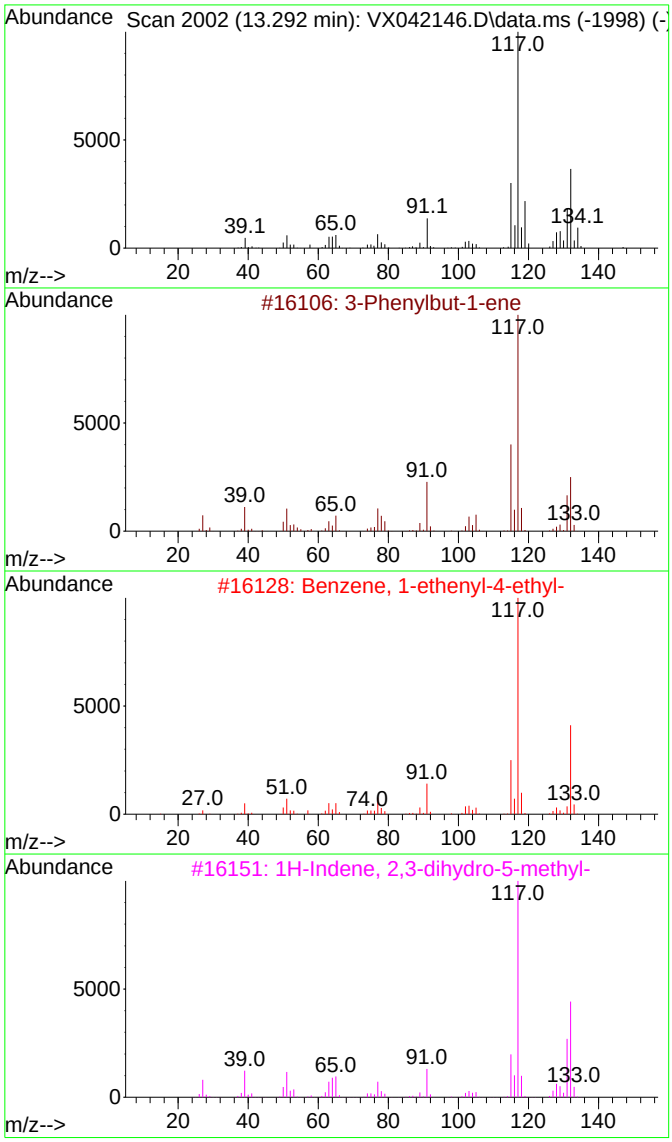
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

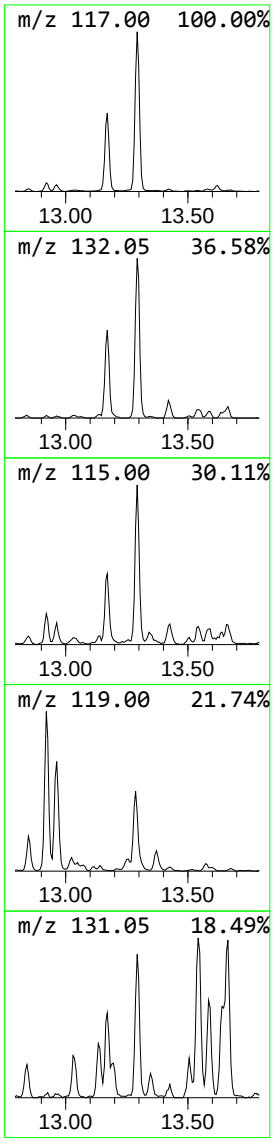
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	19.01 ug/l	223704	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





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Data File : VX042146.D
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Operator : JC/MD
Sample : P3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

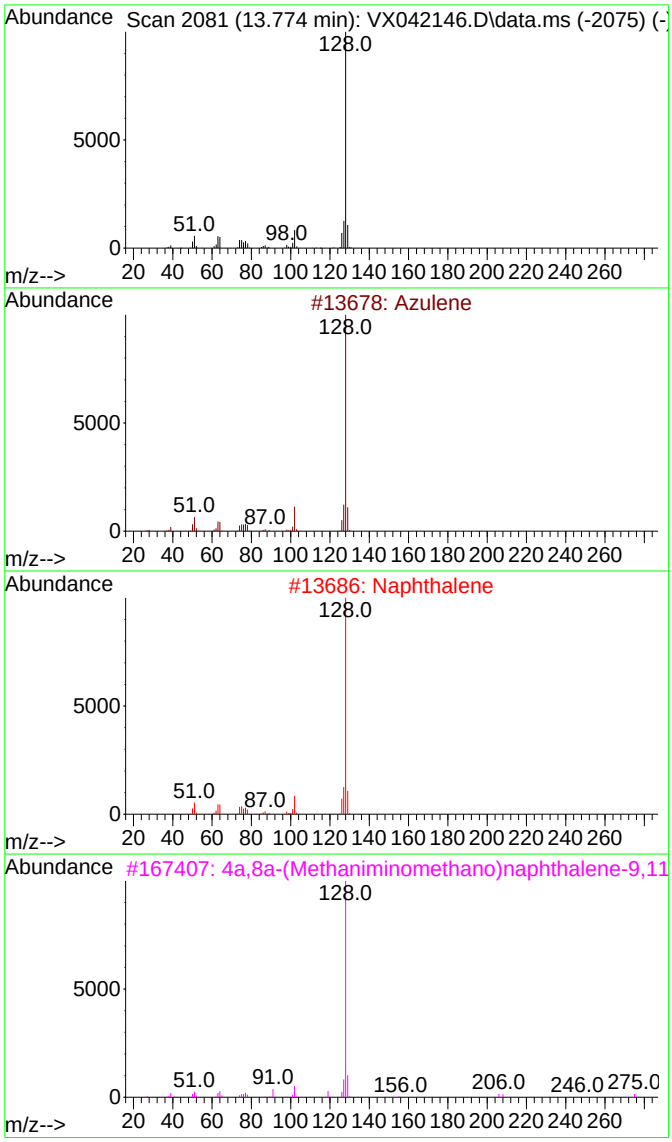
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

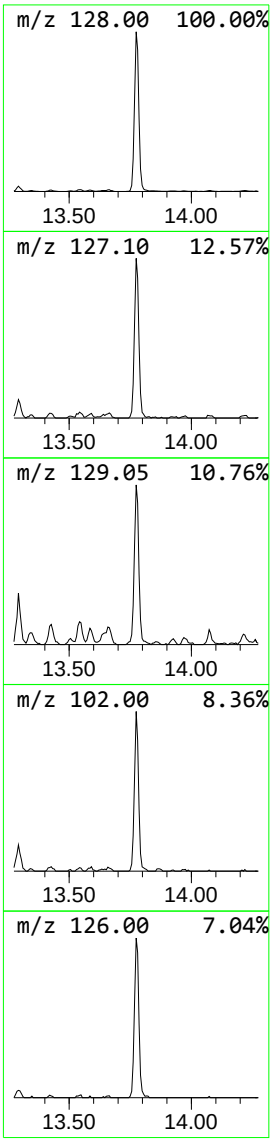
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	22.30 ug/l	262474	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
4	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	64
5	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	59





Tentatively Identified Compound (LSC) summary

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ALS Vial : 20 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 3-methyl-	3.093	12.0	ug/l	107694	1	5.550	447057	50.0
Cyclopentane, m...	4.294	13.0	ug/l	115934	1	5.550	447057	50.0
Benzene, 1-ethy...	11.396	10.3	ug/l	121169	4	12.024	588530	50.0
Benzene, 1-ethy...	11.610	16.2	ug/l	190867	4	12.024	588530	50.0
Benzene, 1-ethy...	12.085	12.9	ug/l	152397	4	12.024	588530	50.0
Indane	12.244	40.9	ug/l	481488	4	12.024	588530	50.0
o-Cymene	12.616	14.0	ug/l	164551	4	12.024	588530	50.0
Indan, 1-methyl-	12.701	15.4	ug/l	181599	4	12.024	588530	50.0
3-Phenylbut-1-ene	13.292	19.0	ug/l	223704	4	12.024	588530	50.0
Azulene	13.774	22.3	ug/l	262474	4	12.024	588530	50.0