LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075648.D
Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

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_D\Method\82D041023S.M
Title : SW846 8260

Signal : TIC: VD075648.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	18	25	36	rBV	266524	520379	46.94%	3.408%
2	4.805	533	547	553	rBV2	9363	29309	2.64%	0.192%
3	7.804	1046	1057	1063	rBV2	144703	354248	31.95%	2.320%
4	7.875	1063	1069	1079	rVB	189843	416291	37.55%	2.726%
5	8.228	1120	1129	1144	rBV2	114462	261814	23.62%	1.715%
6	8.775	1212	1222	1233	rBV	279156	561121	50.62%	3.675%
7	10.269	1468	1476	1485	rBV	406492	736521	66.44%	4.823%
8	11.581	1692	1699	1710	rBV	287345	495693	44.71%	3.246%
9	11.798	1725	1736	1745	rBV9	10213	28125	2.54%	0.184%
10	12.122	1780	1791	1798	rBV	76393	139412	12.58%	0.913%
11	12.298	1815	1821	1824	rBV7	6518	12692	1.14%	0.083%
12	12.334	1824	1827	1838	rVB5	9387	21836	1.97%	0.143%
13	12.428	1838	1843	1848	rBV4	13447	24302	2.19%	0.159%
14	12.575	1862	1868	1874	rBV	183350	290927	26.24%	1.905%
15	12.763	1892	1900	1904	rVV	17395	37276	3.36%	0.244%
16	12.828	1904	1911	1912	rVV4	21983	33303	3.00%	0.218%
17	12.863	1912	1917	1920	rVV	78335	140542	12.68%	0.920%
18	12.904	1920	1924	1930	rVV	165061	269851	24.34%	1.767%
19	12.957	1930	1933	1937	rVB4	10860	15914	1.44%	0.104%
20	13.063	1943	1951	1958	rBV	162057	287119	25.90%	1.880%
21	13.133	1958	1963	1970	rVB4	30818	56392	5.09%	0.369%
22	13.216	1970	1977	1981	rBV4	14666	26270	2.37%	0.172%
23	13.345	1992	1999	2003	rVB2	28061	49009	4.42%	0.321%
24	13.404	2003	2009	2015	rBV2	66106	122139	11.02%	0.800%
25	13.457	2015	2018	2023	rVB2	22916	33334	3.01%	0.218%
26	13.522	2023	2029	2031	rBV	181314	308961	27.87%	2.023%
27	13.551	2031	2034	2040	rVB	268992	383658	34.61%	2.512%
28	13.686	2051	2057	2058	rBV	58544	78229	7.06%	0.512%
29	13.716	2058	2062	2066	rVV2	300440	538050	48.53%	3.524%
30	13.757	2066	2069	2079	rVB3	236772	431041	38.88%	2.823%
31	13.845	2079	2084	2089	rBV3	68797	119363	10.77%	0.782%
32	13.916	2089	2096	2102	rBV	104383	167747	15.13%	1.099%
33	13.975	2102	2106	2109	rVV2	49721	76275	6.88%	0.500%
34	14.004	2109	2111	2116	rVV2	34575	45165	4.07%	0.296%
35	14.063	2116	2121	2126	rVV	201535	294307	26.55%	1.927%
36	14.122	2126	2131	2134	rVV	58182	87134	7.86%	0.571%

LSC Area Percent Report

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Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

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_D\Method\82D041023S.M
Title : SW846 8260

37	14.175	2134	2140	2145	rVV	260253	426051	38.43%	2.790%
38	14.251	2145	2153	2157	rVB5	24753	56463	5.09%	0.370%
39	14.304	2157	2162	2166	rBV	78886	124945	11.27%	0.818%
40	14.351	2166	2170	2172	rVV4	35032	53176	4.80%	0.348%
41	14.386	2172	2176	2179	rVV	123028	194157	17.51%	1.271%
42	14.428	2179	2183	2187	rVV	207065	301392	27.19%	1.974%
43	14.469	2187	2190	2194	rVV	86590	131743	11.88%	0.863%
44	14.510	2194	2197	2204	rVV3	67838	114121	10.29%	0.747%
45	14.610	2204	2214	2218	rVV2	89271	177245	15.99%	1.161%
46	14.657	2218	2222	2227	rVV2	218910	396301	35.75%	2.595%
47	14.704	2227	2230	2234	rVB	92709	133349	12.03%	0.873%
48	14.775	2234	2242	2248	rBV3	527853	1108597	100.00%	7.260%
49	14.833	2248	2252	2259	rVV3	69634	132272	11.93%	0.866%
50	14.928	2261	2268	2276	rVV	437938	724820	65.38%	4.747%
51	15.039	2276	2287	2290	rVV3	177796	439244	39.62%	2.876%
52	15.075	2290	2293	2298	rVV	115711	210600	19.00%	1.379%
53	15.151	2299	2306	2313	rVB3	178888	425585	38.39%	2.787%
54	15.304	2326	2332	2335	rBV5	30452	62272	5.62%	0.408%
55	15.392	2341	2347	2352	rBV	144426	248133	22.38%	1.625%
56	15.445	2352	2356	2358	rBV4	80550	124281	11.21%	0.814%
57	15.627	2379	2387	2395	rBV2	117934	255792	23.07%	1.675%
58	15.710	2397	2401	2405	rVV6	17026	28043	2.53%	0.184%
59	15.833	2406	2422	2430	rVV	309717	763185	68.84%	4.998%
60	15.922	2432	2437	2442	rVV2	25483	46838	4.22%	0.307%
61	15.998	2443	2450	2455	rVB4	54294	122121	11.02%	0.800%
62	16.145	2466	2475	2485	rBV2	151748	343585	30.99%	2.250%
63	16.339	2499	2508	2514	rBV4	104702	236313	21.32%	1.548%
64	16.404	2514	2519	2532	rVB4	59149	168713	15.22%	1.105%
65	16.604	2546	2553	2561	rBV4	40446	126694	11.43%	0.830%
66	16.663	2561	2563	2570	rVB6	22946	32272	2.91%	0.211%
67	16.739	2570	2576	2584	rBV4	26337	68208	6.15%	0.447%

Sum of corrected areas: 15270260

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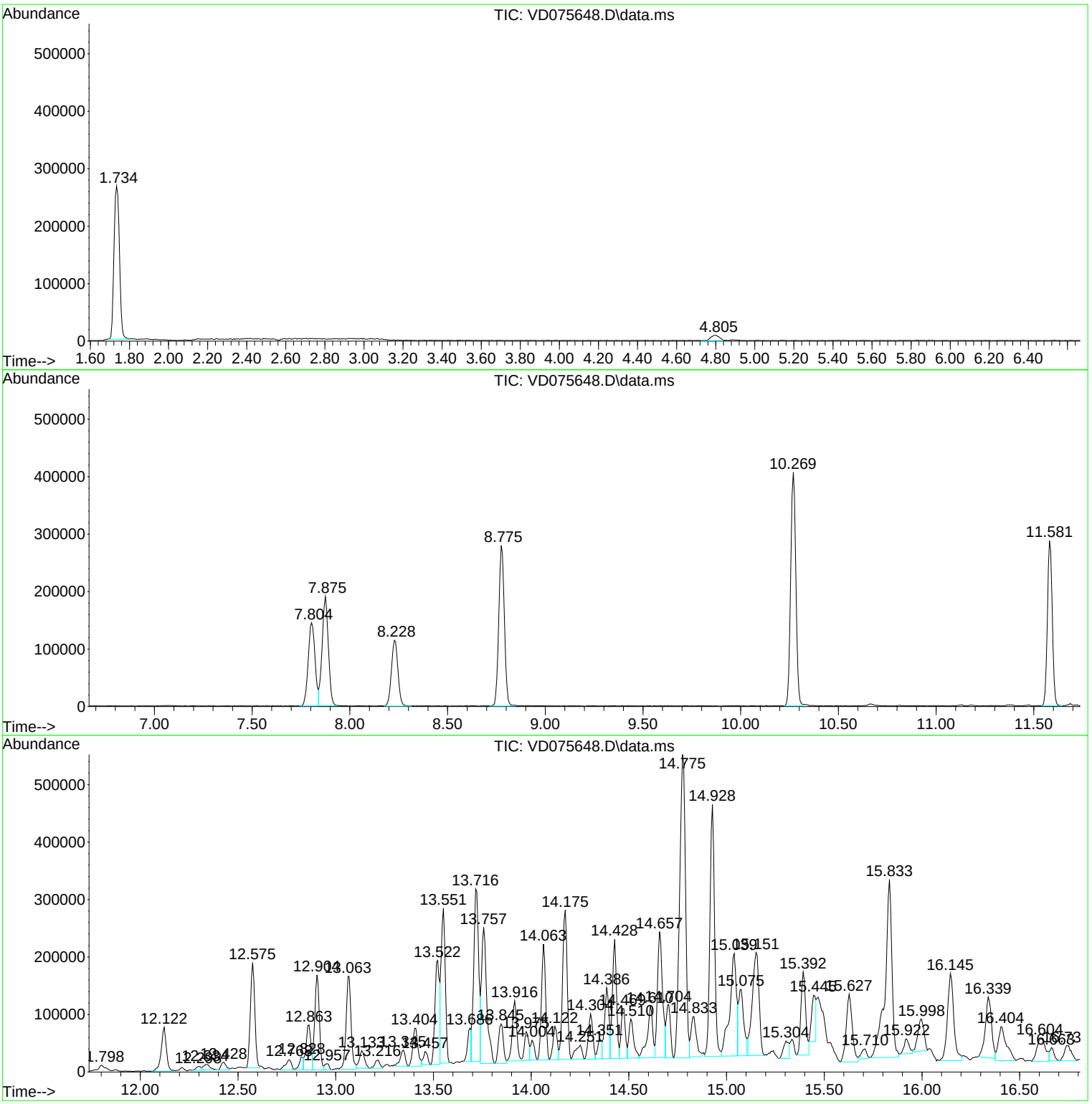
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075648.D
Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
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Instrument :
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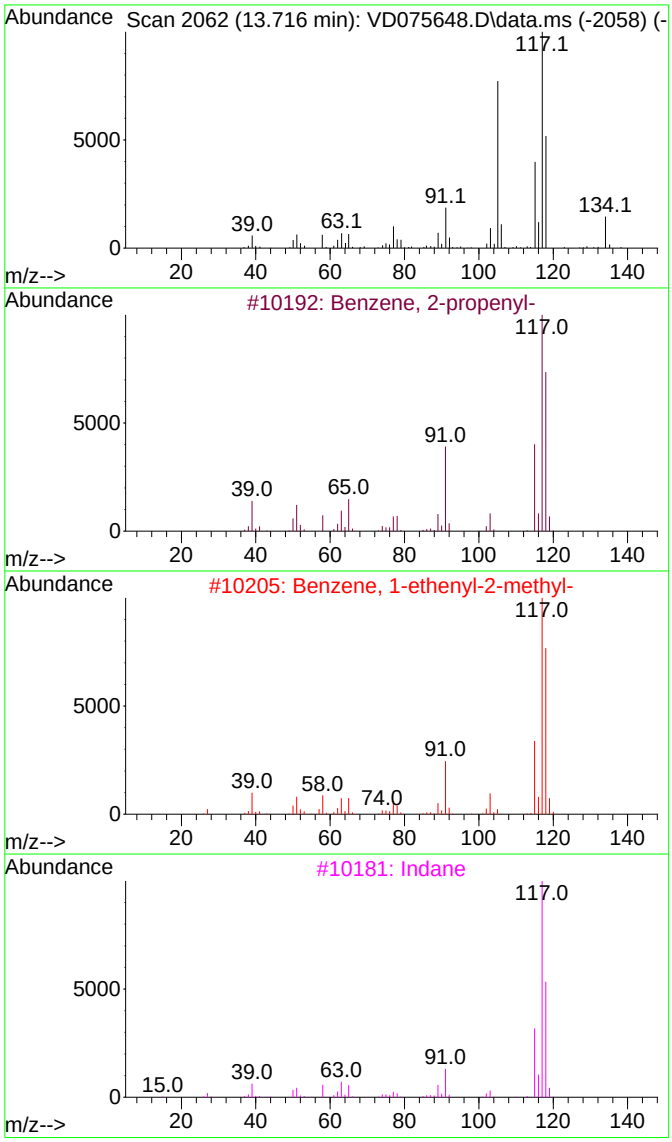
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

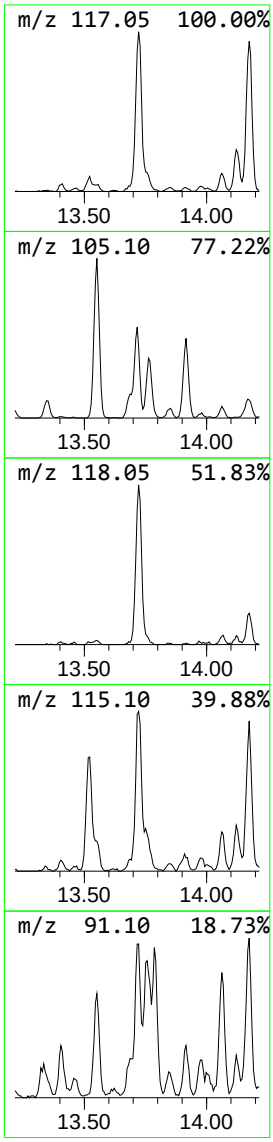
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	87.07 ug/l	538050	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Deltacyclene	118	C9H10	007785-10-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075648.D
Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

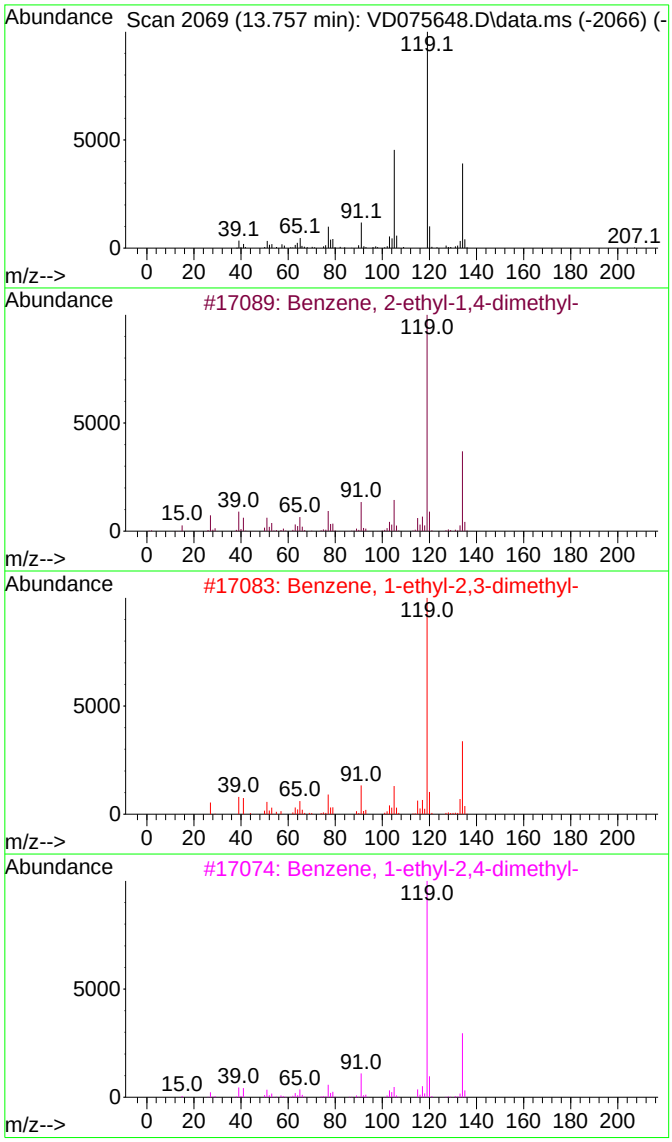
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

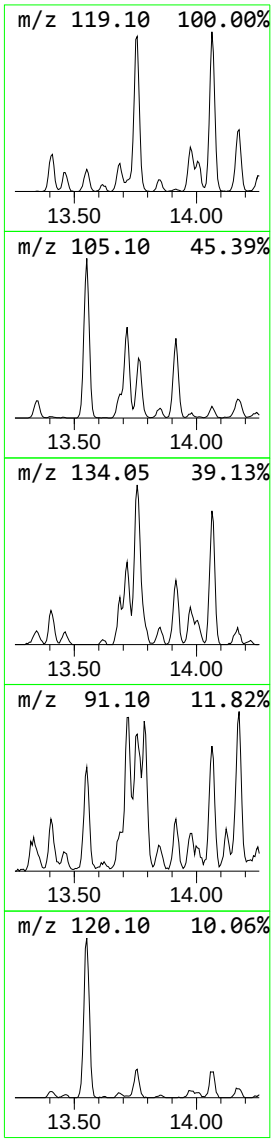
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	69.76 ug/l	431041	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075648.D
Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

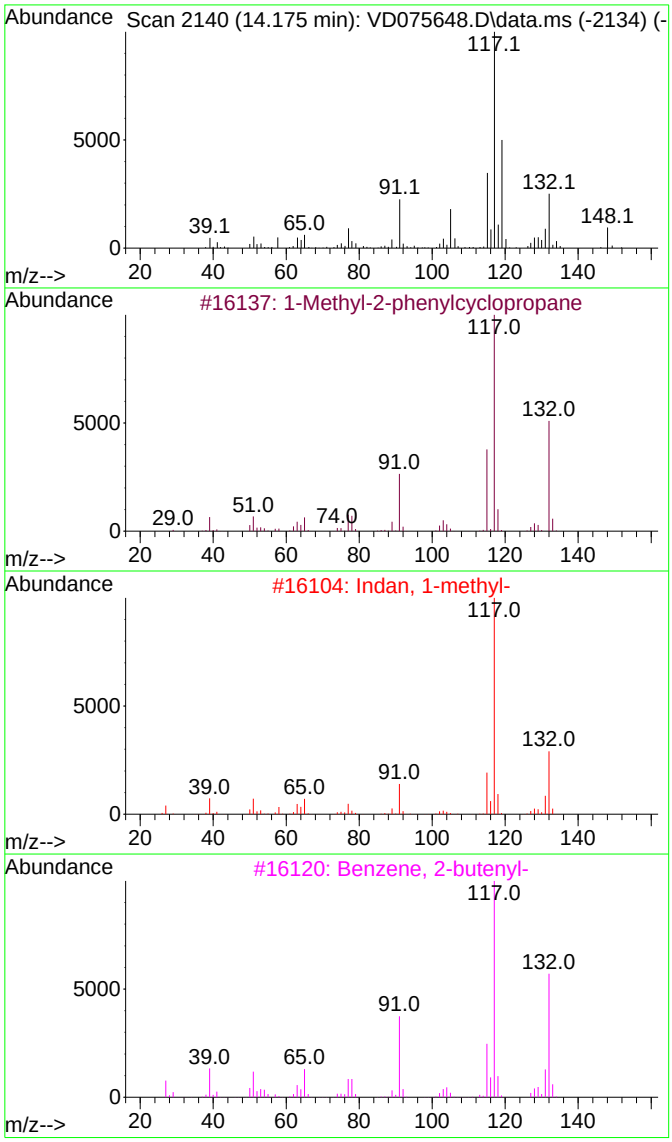
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

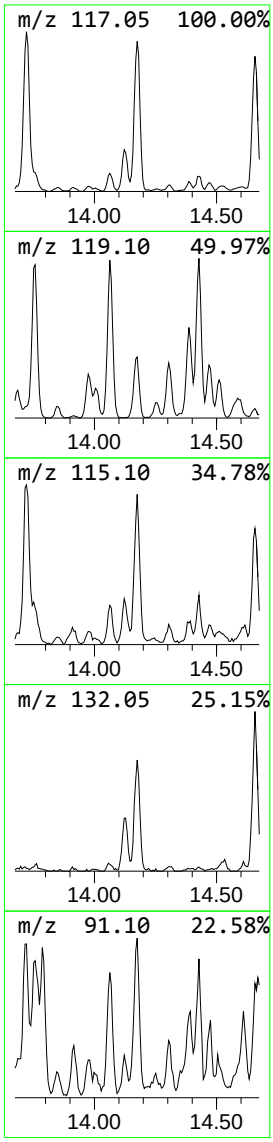
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Methyl-2-phenylcyclopropane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	68.95 ug/l	426051	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
2	Indan, 1-methyl-	132	C10H12	000767-58-8	60
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	58
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

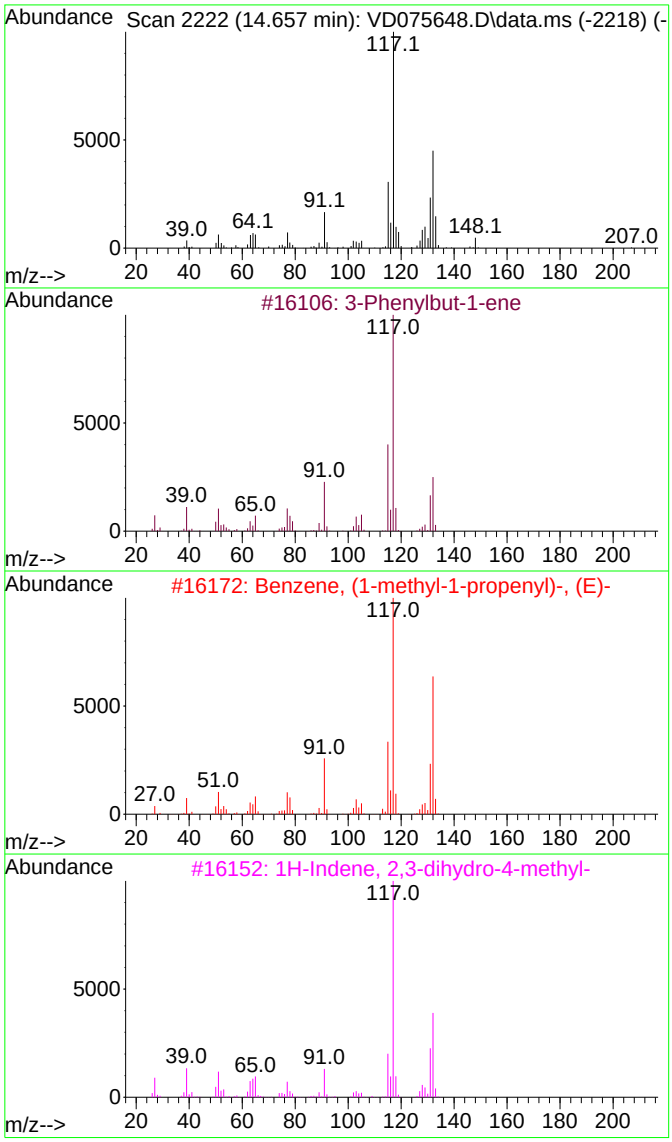
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

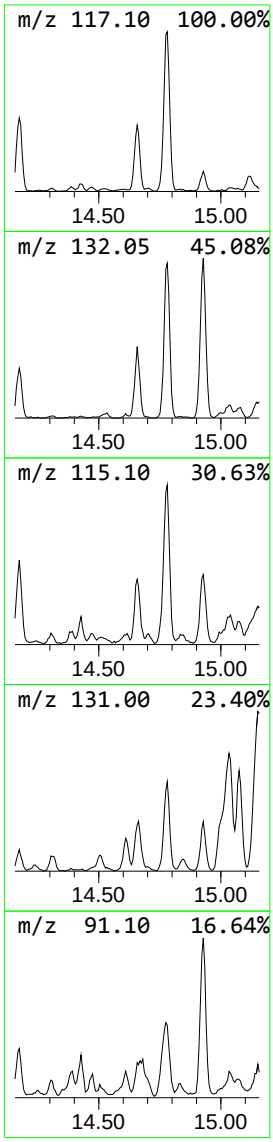
****

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	64.13 ug/l	396301	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

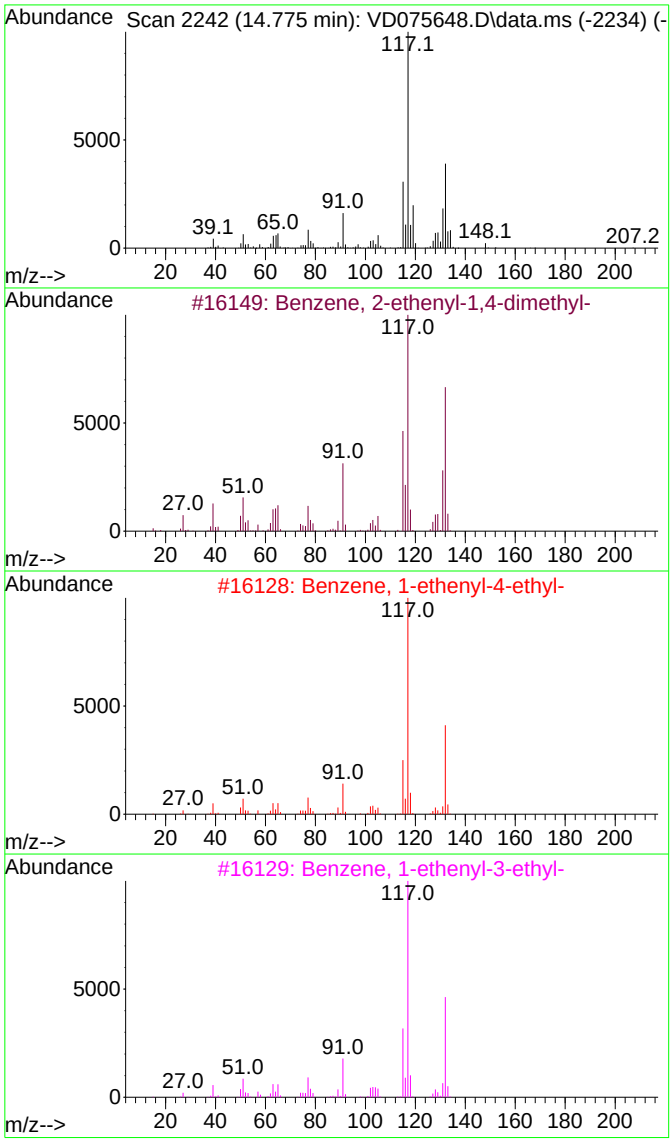
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

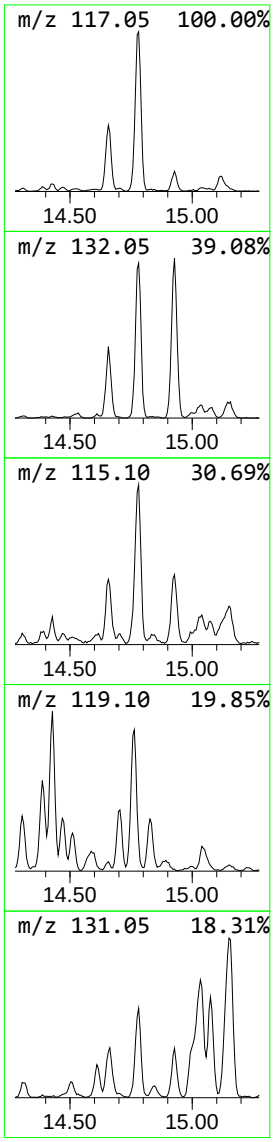
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	179.41 ug/l	1108600	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





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Instrument :
MSVOA_D
ClientSampleId :
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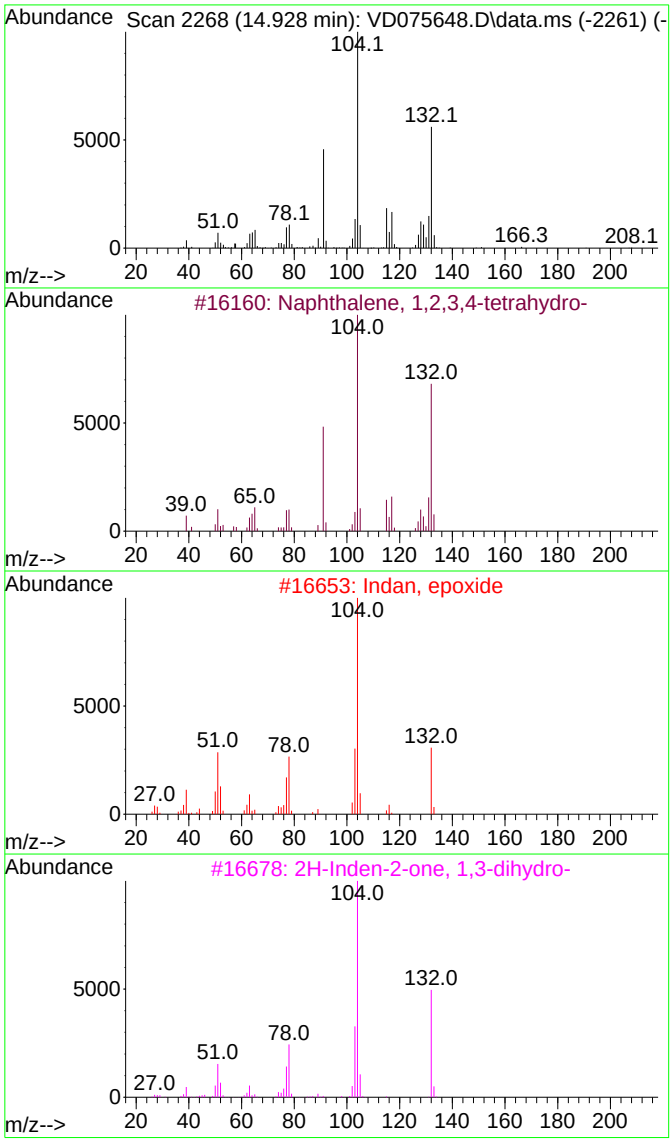
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

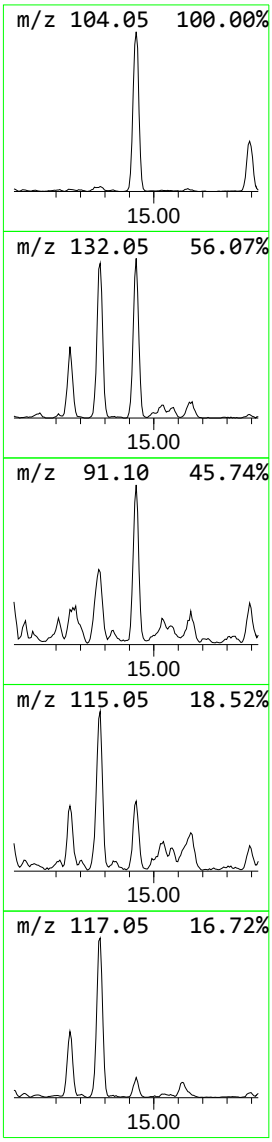
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.928	117.30 ug/l	724820	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	52
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075648.D
Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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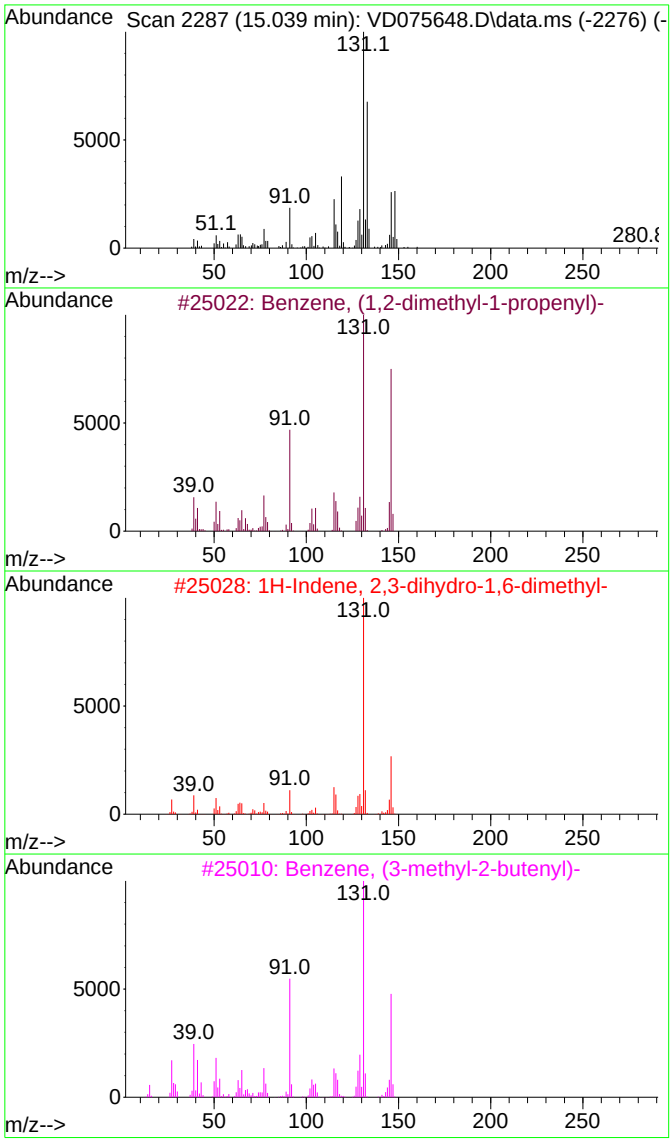
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

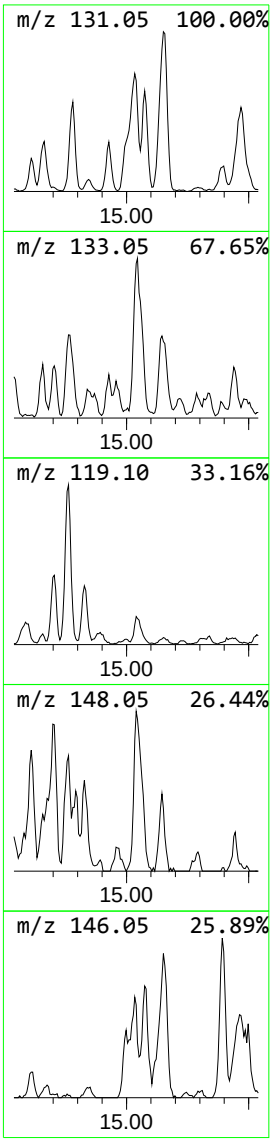
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.039	71.08 ug/l	439244	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075648.D
Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

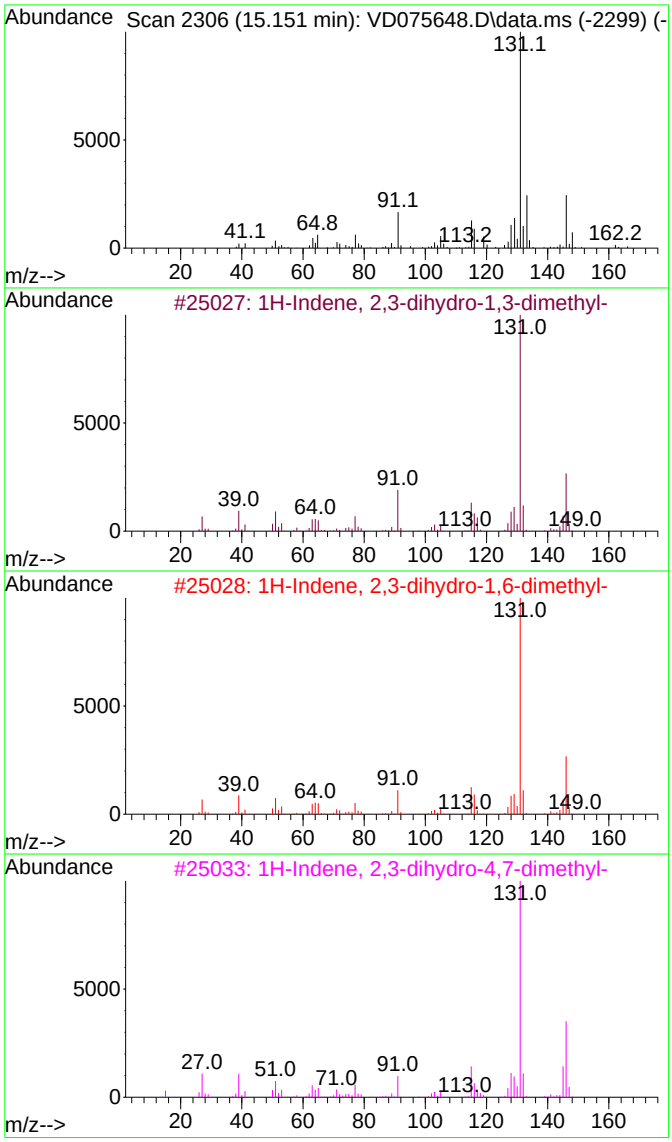
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

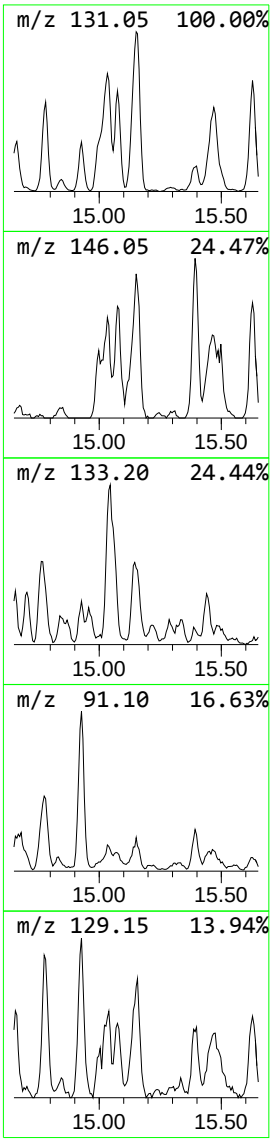
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	68.87 ug/l	425585	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075648.D
Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

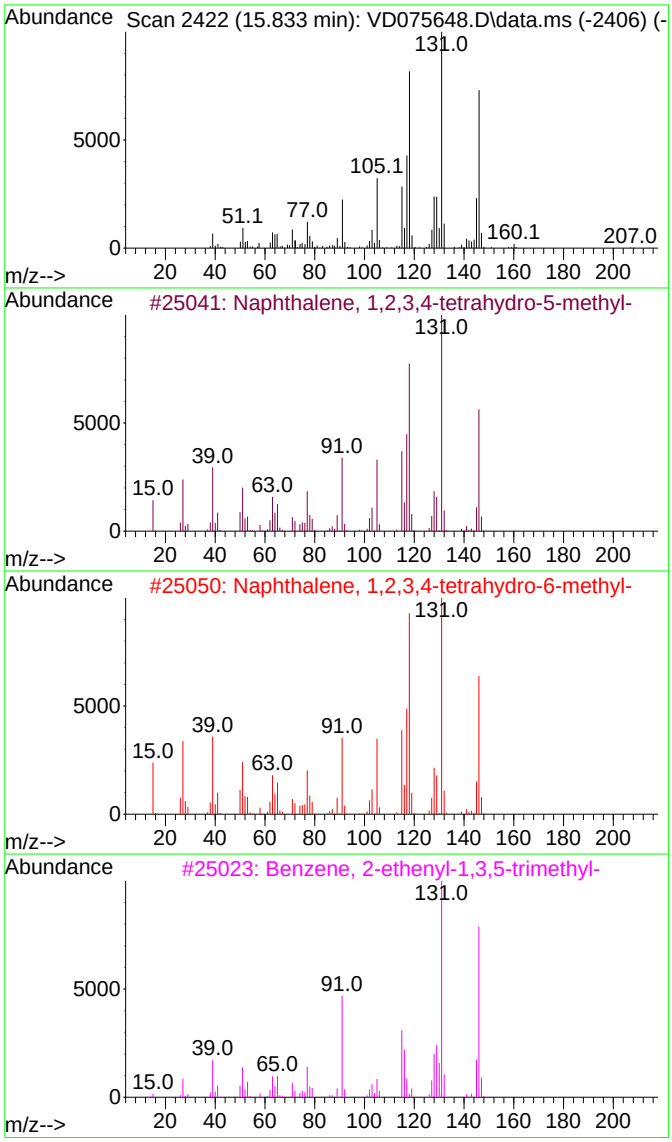
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260

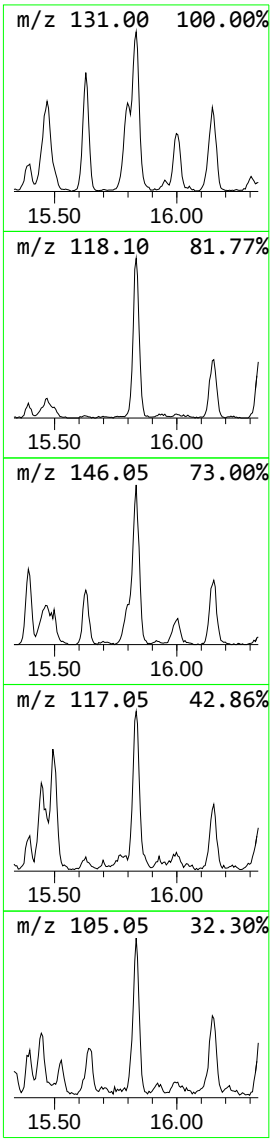
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	123.51 ug/l	763185	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075648.D
Acq On : 12 Apr 2023 19:16
Operator : KP/SY
Sample : 02262-09
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.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
Benzene, 2-prop...	13.716	87.1	ug/l	538050	4	13.522	308961	50.0
Benzene, 2-ethy...	13.757	69.8	ug/l	431041	4	13.522	308961	50.0
1-Methyl-2-phen...	14.175	69.0	ug/l	426051	4	13.522	308961	50.0
3-Phenylbut-1-ene	14.657	64.1	ug/l	396301	4	13.522	308961	50.0
Benzene, 1-ethe...	14.775	179.4	ug/l	1108600	4	13.522	308961	50.0
Naphthalene, 1,...	14.928	117.3	ug/l	724820	4	13.522	308961	50.0
Benzene, (1,2-d...	15.039	71.1	ug/l	439244	4	13.522	308961	50.0
1H-Indene, 2,3-...	15.151	68.9	ug/l	425585	4	13.522	308961	50.0
Naphthalene, 1,...	15.833	123.5	ug/l	763185	4	13.522	308961	50.0