LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

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\82D020723S.M
Title : SW846 8260

Signal : TIC: VD075277.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	17	24	34	rBV	92025	152955	100.00%	21.918%
2	7.063	923	931	935	rBV3	1332	3429	2.24%	0.491%
3	7.804	1050	1057	1063	rBV3	5533	12581	8.23%	1.803%
4	7.875	1063	1069	1079	rVB3	6822	14491	9.47%	2.076%
5	8.228	1123	1129	1137	rVB2	6607	14001	9.15%	2.006%
6	8.775	1215	1222	1231	rVB	13672	24589	16.08%	3.523%
7	10.275	1467	1477	1484	rBV	19400	35737	23.36%	5.121%
8	11.581	1691	1699	1708	rVB	20971	35389	23.14%	5.071%
9	11.787	1727	1734	1740	rBV	2964	5140	3.36%	0.737%
10	12.122	1786	1791	1796	rVB3	3641	5935	3.88%	0.850%
11	12.575	1862	1868	1875	rVB2	16320	25310	16.55%	3.627%
12	12.763	1897	1900	1905	rVB3	1399	2220	1.45%	0.318%
13	12.828	1905	1911	1915	rVV2	8492	13696	8.95%	1.963%
14	12.863	1915	1917	1920	rVV2	2869	3246	2.12%	0.465%
15	12.904	1920	1924	1930	rVB4	4529	6889	4.50%	0.987%
16	13.069	1947	1952	1957	rVB2	5554	8034	5.25%	1.151%
17	13.216	1972	1977	1985	rVB2	21293	31911	20.86%	4.573%
18	13.404	2006	2009	2015	rVB	1728	1997	1.31%	0.286%
19	13.522	2022	2029	2032	rBV	24613	39345	25.72%	5.638%
20	13.551	2032	2034	2039	rVB2	9689	11553	7.55%	1.655%
21	13.722	2053	2063	2067	rBV2	13400	26317	17.21%	3.771%
22	13.757	2067	2069	2078	rVB4	6114	10220	6.68%	1.464%
23	13.845	2078	2084	2087	rBV2	2526	2641	1.73%	0.378%
24	13.910	2091	2095	2101	rVB2	2489	3419	2.24%	0.490%
25	13.981	2101	2107	2109	rBV3	3897	5212	3.41%	0.747%
26	14.010	2110	2112	2117	rVB	3601	3616	2.36%	0.518%
27	14.063	2117	2121	2126	rBB	4829	6643	4.34%	0.952%
28	14.122	2128	2131	2135	rBV3	1841	2536	1.66%	0.363%
29	14.175	2135	2140	2145	rBV3	7683	10868	7.11%	1.557%
30	14.304	2158	2162	2166	rBV	1984	2180	1.43%	0.312%
31	14.392	2171	2177	2179	rVV4	2200	3781	2.47%	0.542%
32	14.428	2179	2183	2187	rVV2	5168	6716	4.39%	0.962%
33	14.469	2187	2190	2194	rVB2	1792	2192	1.43%	0.314%
34	14.604	2212	2213	2218	rBV2	1575	1850	1.21%	0.265%
35	14.657	2218	2222	2227	rVV3	8573	14415	9.42%	2.066%
36	14.698	2227	2229	2234	rVB5	2969	3591	2.35%	0.515%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

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\82D020723S.M
Title : SW846 8260

37	14.775	2234	2242	2248	rBV3	18101	33781	22.09%	4.841%
38	14.928	2262	2268	2273	rVB2	18628	28364	18.54%	4.064%
39	15.039	2281	2287	2290	rVV5	3858	7413	4.85%	1.062%
40	15.075	2290	2293	2297	rVV2	3030	3949	2.58%	0.566%
41	15.157	2299	2307	2312	rVB6	3802	8185	5.35%	1.173%
42	15.333	2332	2337	2342	rBV	2352	3037	1.99%	0.435%
43	15.392	2342	2347	2352	rVB3	3906	5132	3.36%	0.735%
44	15.457	2352	2358	2359	rBV4	2399	4140	2.71%	0.593%
45	15.528	2368	2370	2375	rVB4	1493	2225	1.45%	0.319%
46	15.628	2382	2387	2392	rBV3	3364	4519	2.95%	0.648%
47	15.798	2414	2416	2418	rBV2	1288	1652	1.08%	0.237%
48	15.833	2418	2422	2428	rVB3	10146	17147	11.21%	2.457%
49	15.992	2444	2449	2454	rVB4	1739	3208	2.10%	0.460%
50	16.145	2471	2475	2480	rBV3	4742	8506	5.56%	1.219%
51	16.339	2499	2508	2513	rBV5	2766	5491	3.59%	0.787%
52	16.404	2513	2519	2526	rVB5	2381	4788	3.13%	0.686%
53	16.469	2526	2530	2535	rBV5	1085	1679	1.10%	0.241%

Sum of corrected areas: 697861

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Operator : KP/SY
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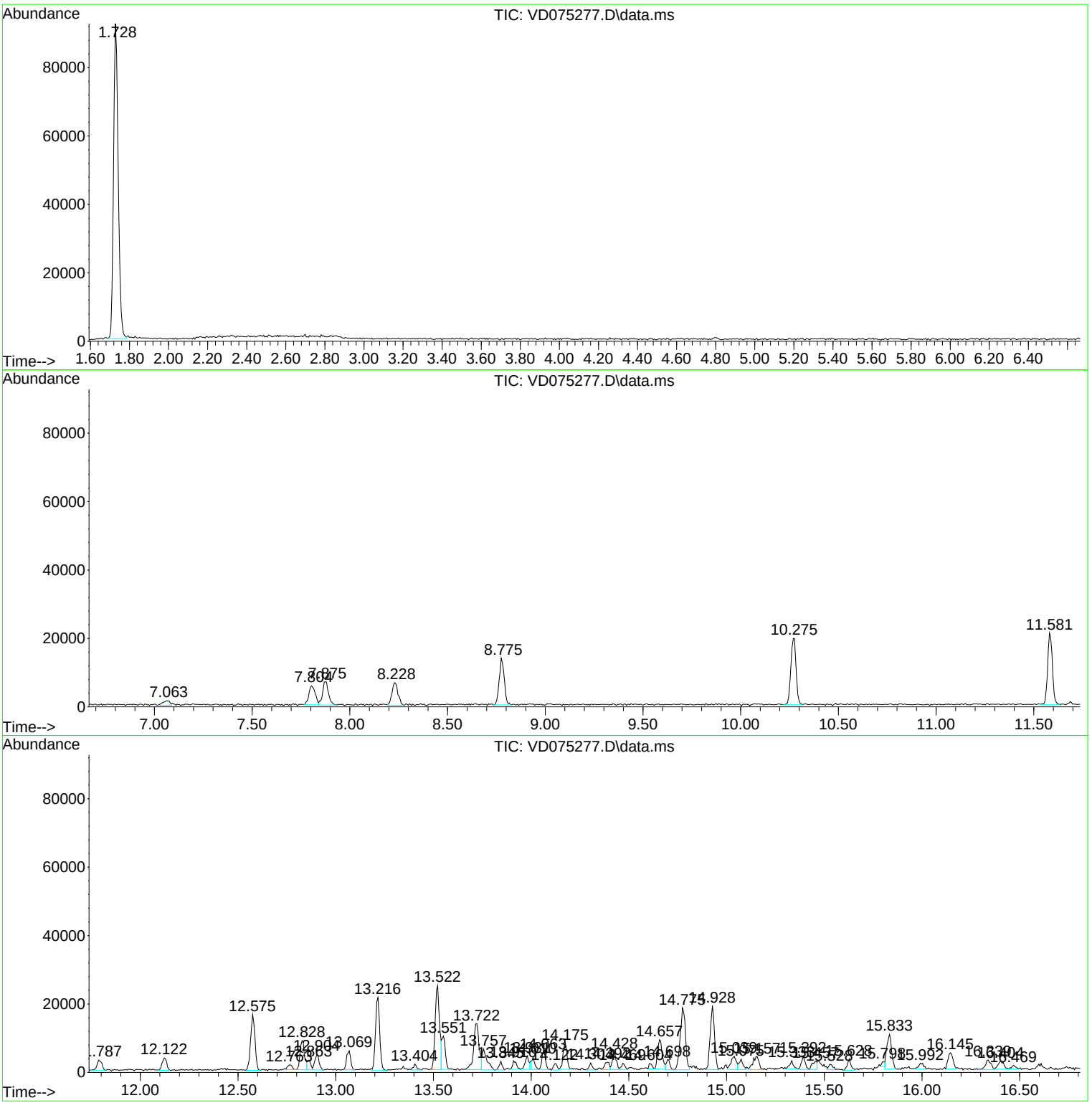
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

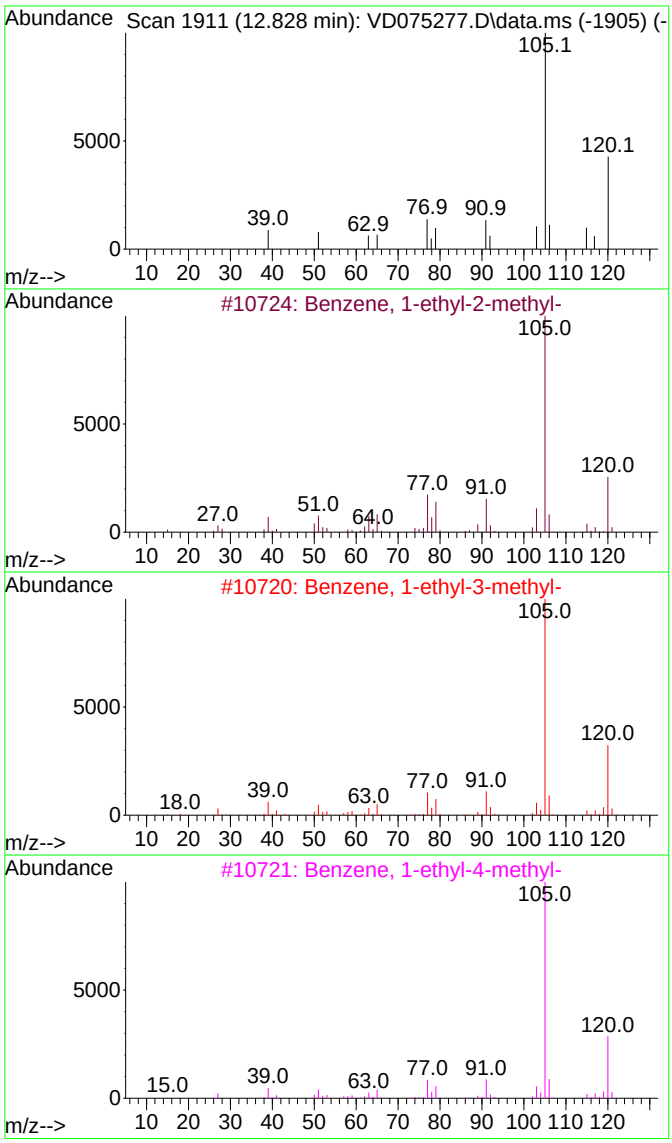
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

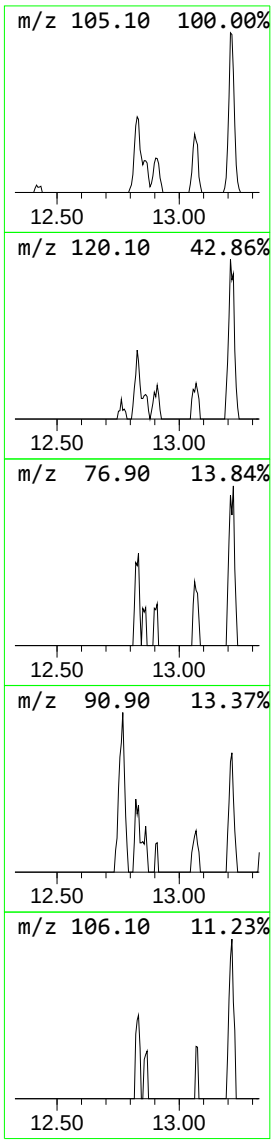
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	17.41 ug/l	13696	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
5	Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

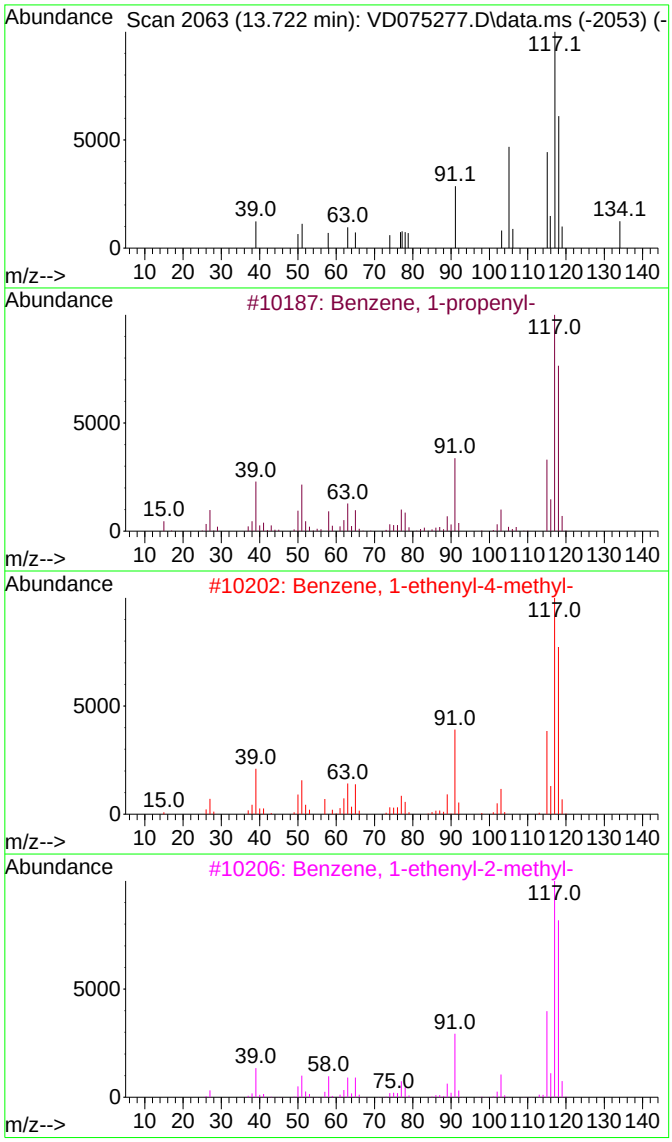
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

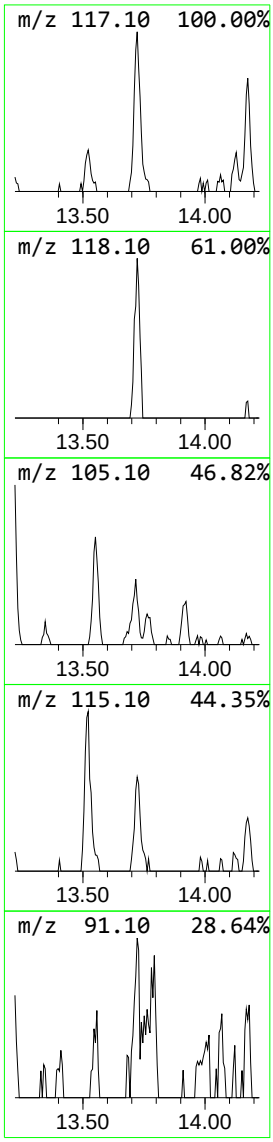
****

Peak Number 4 Benzene, 1-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	33.44 ug/l	26317	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	59
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

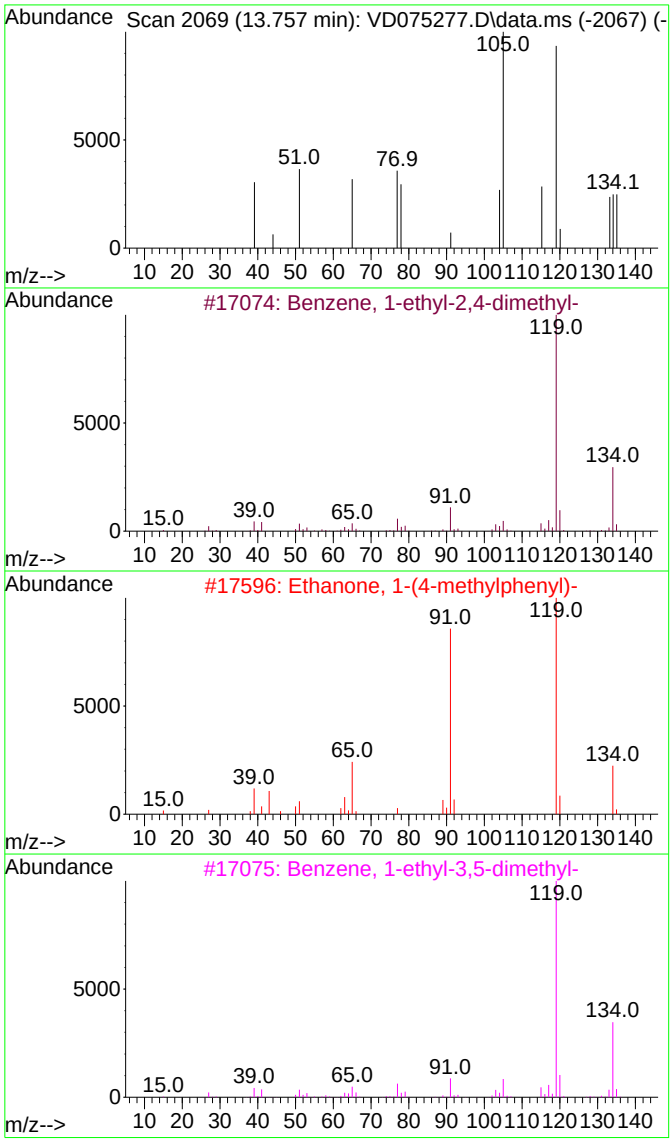
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

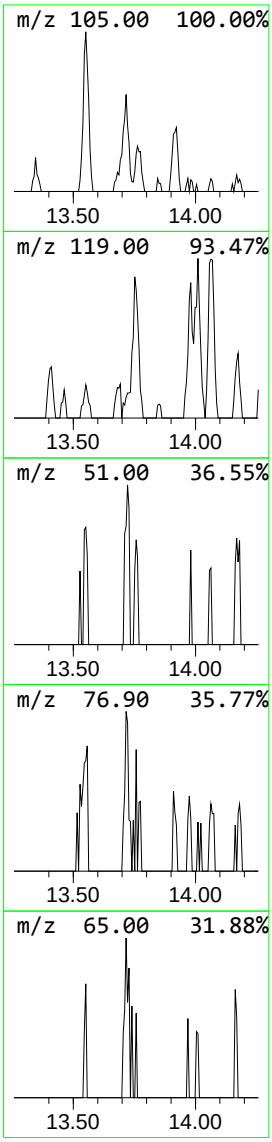
****

Peak Number 5 unknown13.757 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	12.99 ug/l	10220	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	25
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	25
5	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

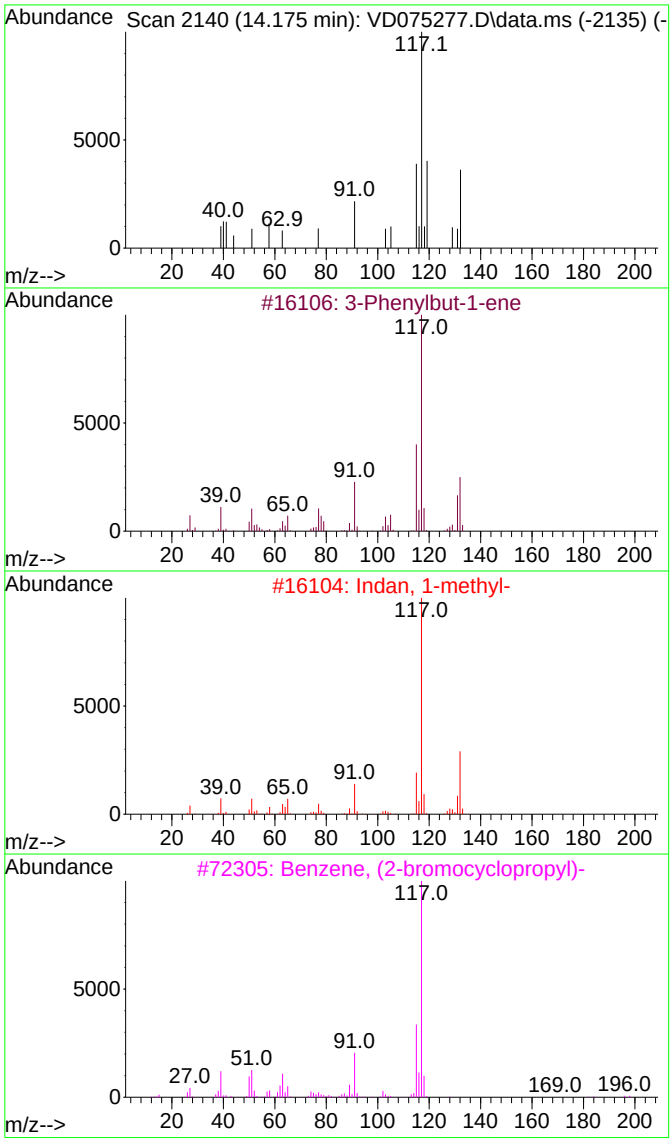
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

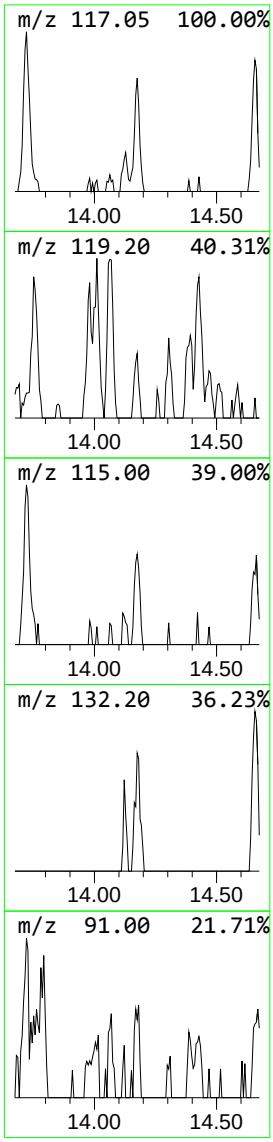
****

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	13.81 ug/l	10868	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	68
2	Indan, 1-methyl-	132	C10H12	000767-58-8	50
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	47
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	38
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

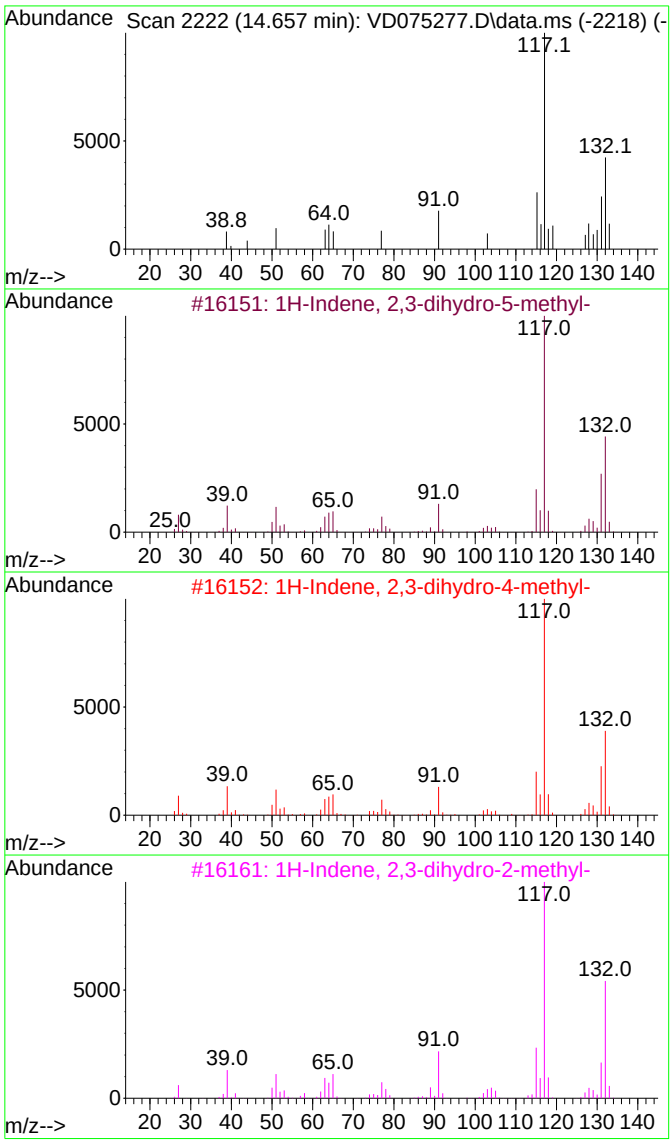
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

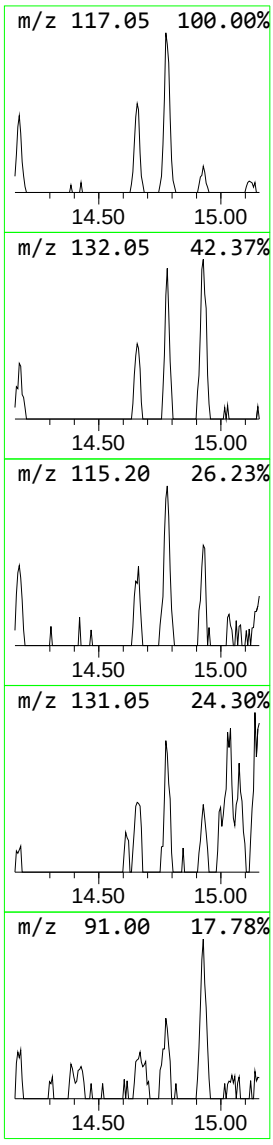
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	18.32 ug/l	14415	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
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Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

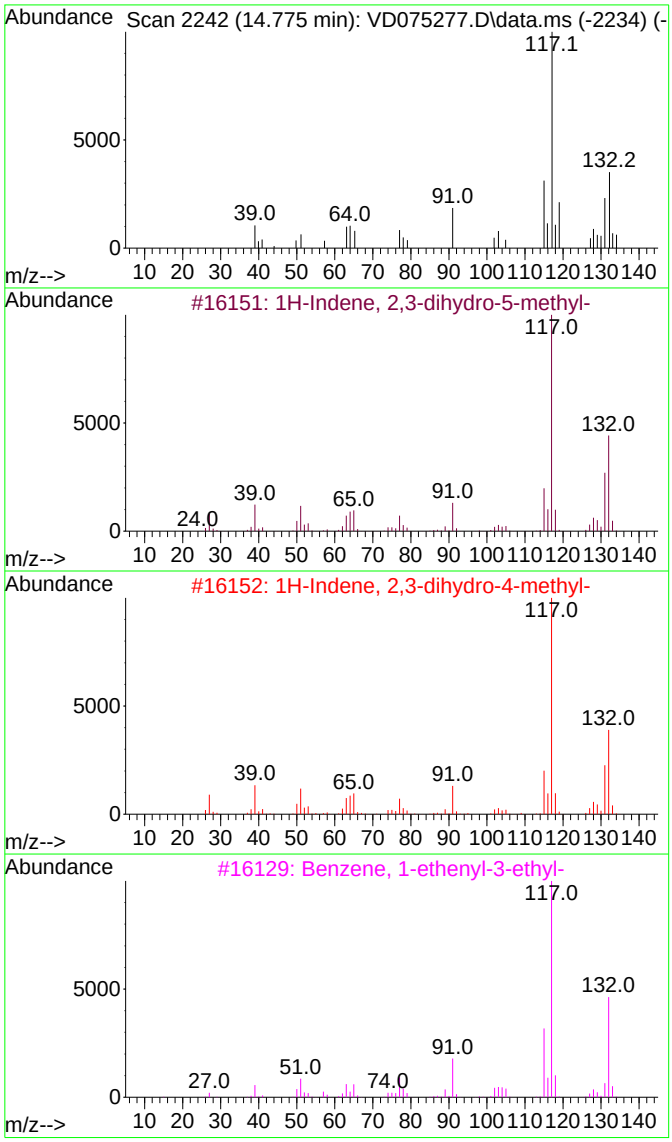
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

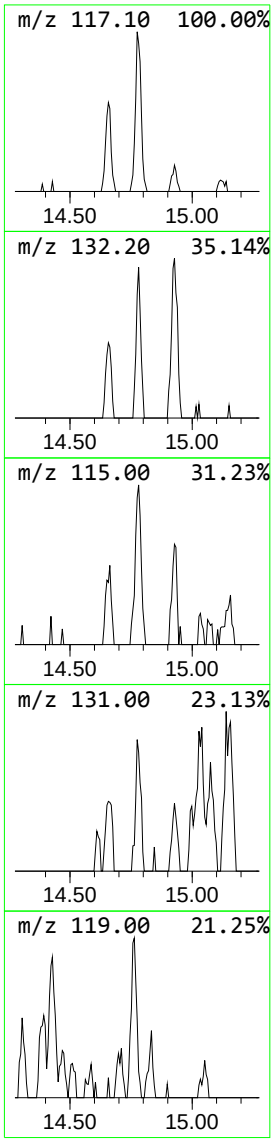
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	42.93 ug/l	33781	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
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Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

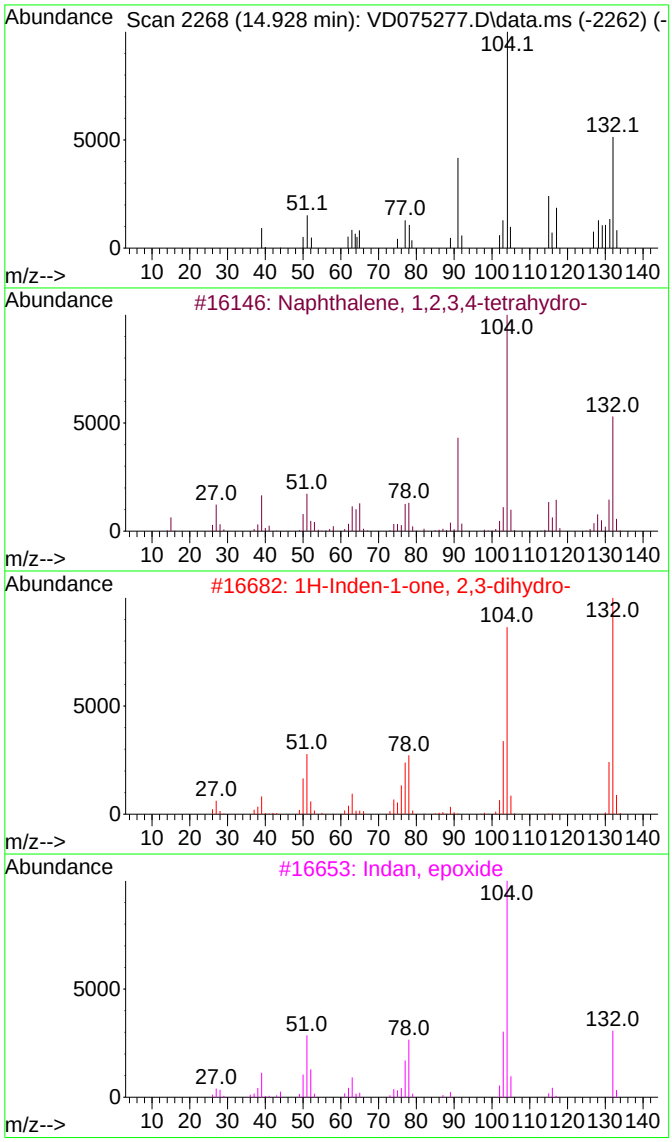
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

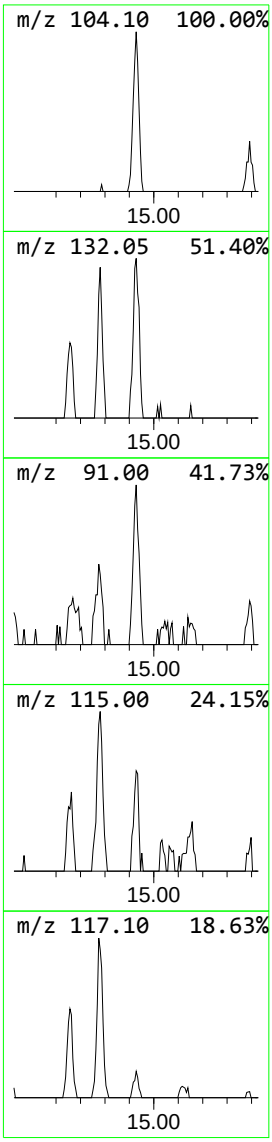
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.928	36.05 ug/l	28364	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	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	47
3	Indan, epoxide	132	C9H8O	000768-22-9	46
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	46
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

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

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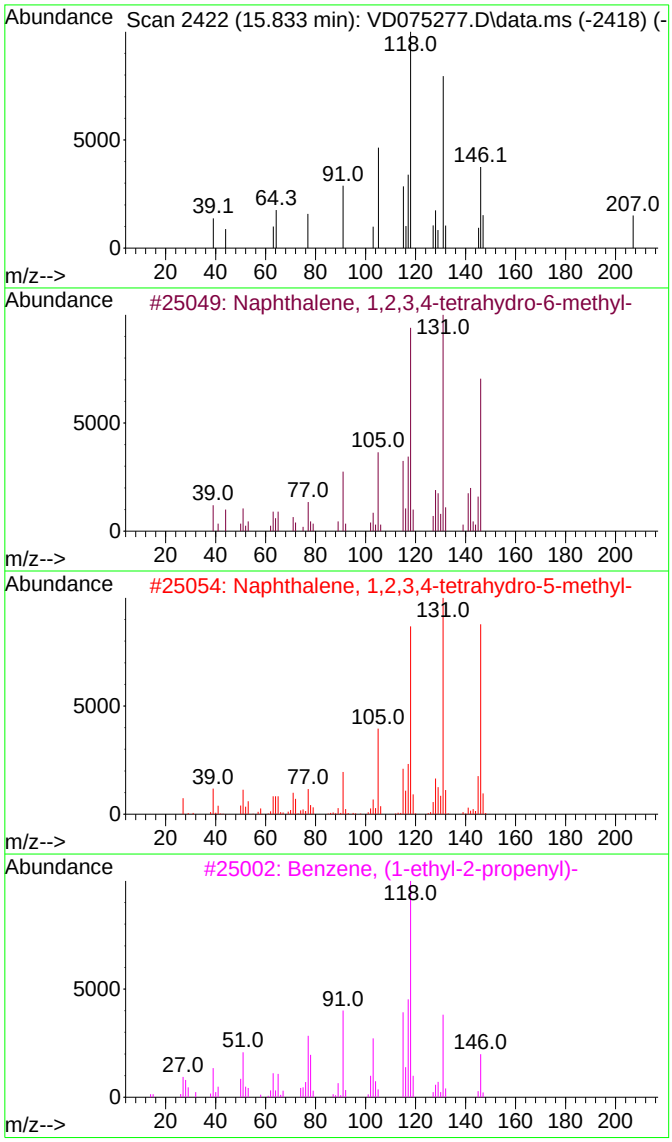
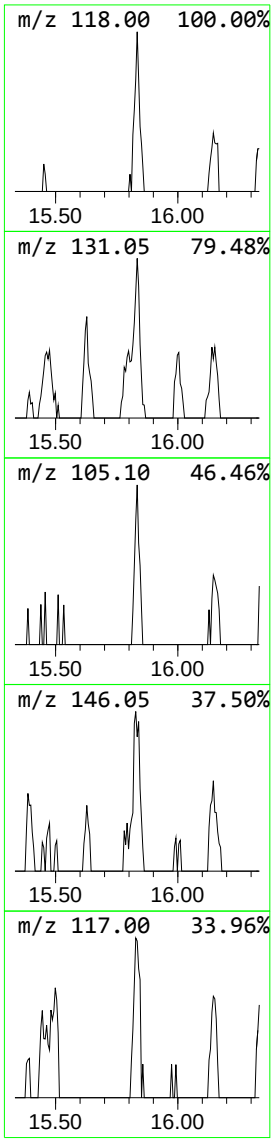
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	21.79 ug/l	17147	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	52
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075277.D
Acq On : 08 Feb 2023 17:45
Operator : KP/SY
Sample : 01477-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.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, 1-ethy...	12.828	17.4	ug/l	13696	4	13.522	39345	50.0
Benzene, 1-prop...	13.722	33.4	ug/l	26317	4	13.522	39345	50.0
unknown13.757	13.757	13.0	ug/l	10220	4	13.522	39345	50.0
3-Phenylbut-1-ene	14.175	13.8	ug/l	10868	4	13.522	39345	50.0
1H-Indene, 2,3-...	14.657	18.3	ug/l	14415	4	13.522	39345	50.0
1H-Indene, 2,3-...	14.775	42.9	ug/l	33781	4	13.522	39345	50.0
Naphthalene, 1,...	14.928	36.0	ug/l	28364	4	13.522	39345	50.0
Naphthalene, 1,...	15.833	21.8	ug/l	17147	4	13.522	39345	50.0