LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076794.D
Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

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\82D071423S.M
Title : SW846 8260

Signal : TIC: VD076794.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	35	rBV	172888	326059	100.00%	12.516%
2	1.887	48	51	58	rVB3	2009	3563	1.09%	0.137%
3	4.799	539	546	555	rVB5	5167	11756	3.61%	0.451%
4	7.063	925	931	942	rVB	8116	21356	6.55%	0.820%
5	7.810	1048	1058	1063	rBV2	47475	110221	33.80%	4.231%
6	7.875	1063	1069	1080	rVB2	49013	112311	34.44%	4.311%
7	8.234	1122	1130	1140	rBV3	44737	105307	32.30%	4.042%
8	8.775	1215	1222	1231	rBV2	95109	195760	60.04%	7.515%
9	10.269	1467	1476	1485	rBV	158299	280411	86.00%	10.764%
10	11.581	1692	1699	1706	rBV	145573	248588	76.24%	9.542%
11	12.575	1858	1868	1874	rBV	106905	172354	52.86%	6.616%
12	12.898	1919	1923	1927	rVB3	4643	6618	2.03%	0.254%
13	13.063	1946	1951	1956	rVB3	4681	6569	2.01%	0.252%
14	13.210	1972	1976	1982	rVB3	4945	7484	2.30%	0.287%
15	13.404	2006	2009	2013	rVB4	2766	4431	1.36%	0.170%
16	13.516	2022	2028	2040	rBV2	147010	248350	76.17%	9.533%
17	13.710	2058	2061	2066	rVV5	7712	13864	4.25%	0.532%
18	13.751	2066	2068	2074	rVB3	5781	8547	2.62%	0.328%
19	13.840	2079	2083	2089	rBV4	9307	14444	4.43%	0.554%
20	13.916	2091	2096	2099	rVB4	3996	6916	2.12%	0.265%
21	13.975	2099	2106	2109	rBV6	3467	6612	2.03%	0.254%
22	13.998	2109	2110	2115	rVV3	4651	6622	2.03%	0.254%
23	14.063	2115	2121	2126	rVV2	8599	13251	4.06%	0.509%
24	14.169	2133	2139	2145	rVB4	12702	20707	6.35%	0.795%
25	14.304	2158	2162	2165	rVB5	3102	4194	1.29%	0.161%
26	14.351	2165	2170	2173	rBV6	4742	7889	2.42%	0.303%
27	14.387	2173	2176	2179	rVV5	5269	6776	2.08%	0.260%
28	14.422	2179	2182	2186	rVB2	6495	8867	2.72%	0.340%
29	14.469	2186	2190	2192	rBV3	5019	5660	1.74%	0.217%
30	14.510	2192	2197	2200	rVB4	5429	7530	2.31%	0.289%
31	14.587	2204	2210	2211	rBV3	3298	5704	1.75%	0.219%
32	14.610	2211	2214	2217	rVB3	4689	6117	1.88%	0.235%
33	14.663	2217	2223	2224	rBV4	7624	11005	3.38%	0.422%
34	14.698	2224	2229	2233	rVB4	11363	17554	5.38%	0.674%
35	14.769	2234	2241	2246	rBV6	24841	55617	17.06%	2.135%
36	14.822	2246	2250	2253	rVV5	7054	10964	3.36%	0.421%

LSC Area Percent Report

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Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

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\82D071423S.M
Title : SW846 8260

37	14.892	2256	2262	2263	rBV4	2226	3664	1.12%	0.141%
38	14.922	2263	2267	2275	rVB5	18689	31526	9.67%	1.210%
39	14.992	2275	2279	2281	rBV4	2754	3676	1.13%	0.141%
40	15.034	2281	2286	2289	rVV6	9762	16815	5.16%	0.645%
41	15.075	2289	2293	2296	rVV4	6851	10075	3.09%	0.387%
42	15.151	2299	2306	2310	rVV6	13119	28490	8.74%	1.094%
43	15.222	2314	2318	2321	rBV6	3709	4755	1.46%	0.183%
44	15.298	2327	2331	2335	rBV5	9074	13709	4.20%	0.526%
45	15.328	2335	2336	2341	rVV4	4674	6500	1.99%	0.250%
46	15.387	2341	2346	2350	rVV3	13198	25070	7.69%	0.962%
47	15.463	2350	2359	2362	rVV8	12897	37560	11.52%	1.442%
48	15.528	2366	2370	2379	rVB10	16169	28849	8.85%	1.107%
49	15.616	2381	2385	2393	rBV6	9564	19506	5.98%	0.749%
50	15.710	2395	2401	2404	rVB6	4105	6207	1.90%	0.238%
51	15.834	2416	2422	2429	rVB3	25611	52395	16.07%	2.011%
52	15.916	2433	2436	2439	rBV5	3839	4036	1.24%	0.155%
53	15.992	2442	2449	2455	rBV7	10683	22264	6.83%	0.855%
54	16.139	2467	2474	2480	rBV4	19697	43849	13.45%	1.683%
55	16.186	2480	2482	2486	rVV5	3232	4306	1.32%	0.165%
56	16.257	2490	2494	2495	rBV4	3695	3572	1.10%	0.137%
57	16.334	2498	2507	2514	rBV6	23933	57081	17.51%	2.191%
58	16.398	2514	2518	2522	rVV6	8628	16724	5.13%	0.642%
59	16.463	2524	2529	2536	rVB6	10435	21701	6.66%	0.833%
60	16.616	2545	2555	2557	rBV9	7500	22069	6.77%	0.847%
61	16.745	2569	2577	2582	rBV8	8218	20707	6.35%	0.795%

Sum of corrected areas: 2605084

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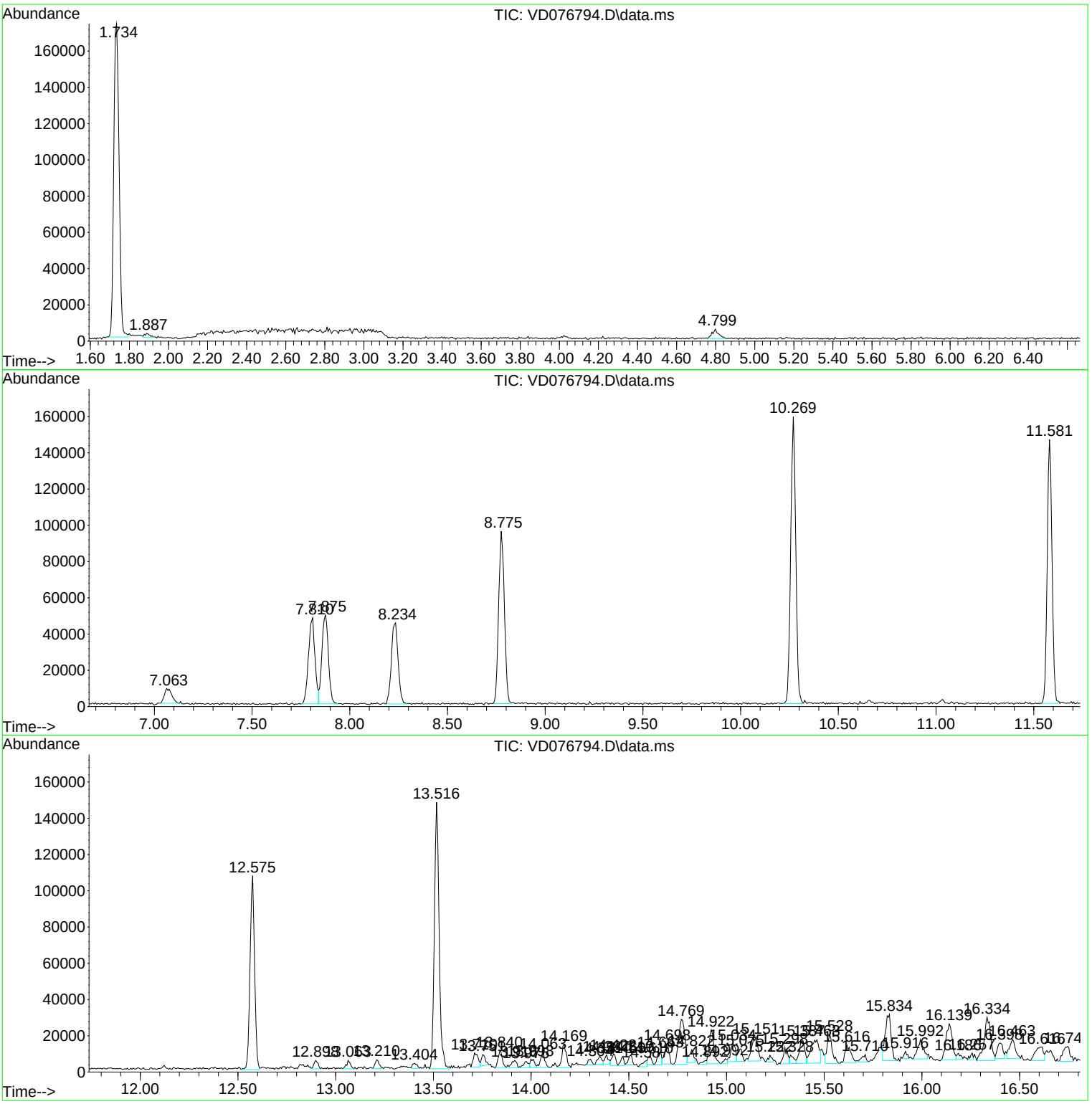
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076794.D
Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
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ClientSampleId :
HR-3-071823

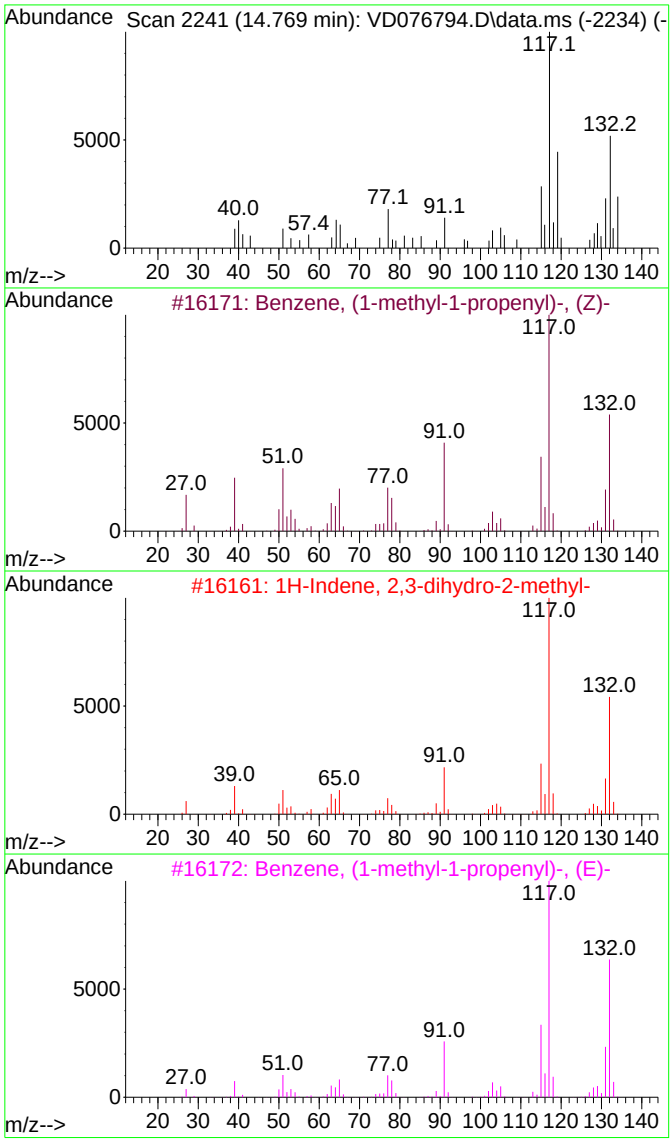
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

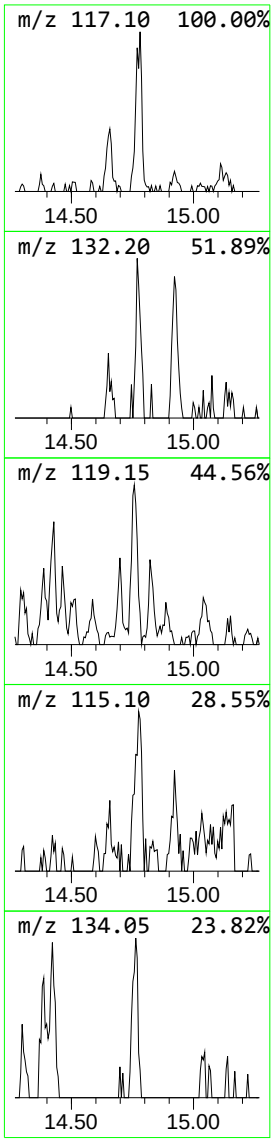
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	11.20 ug/l	55617	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	76
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076794.D
Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

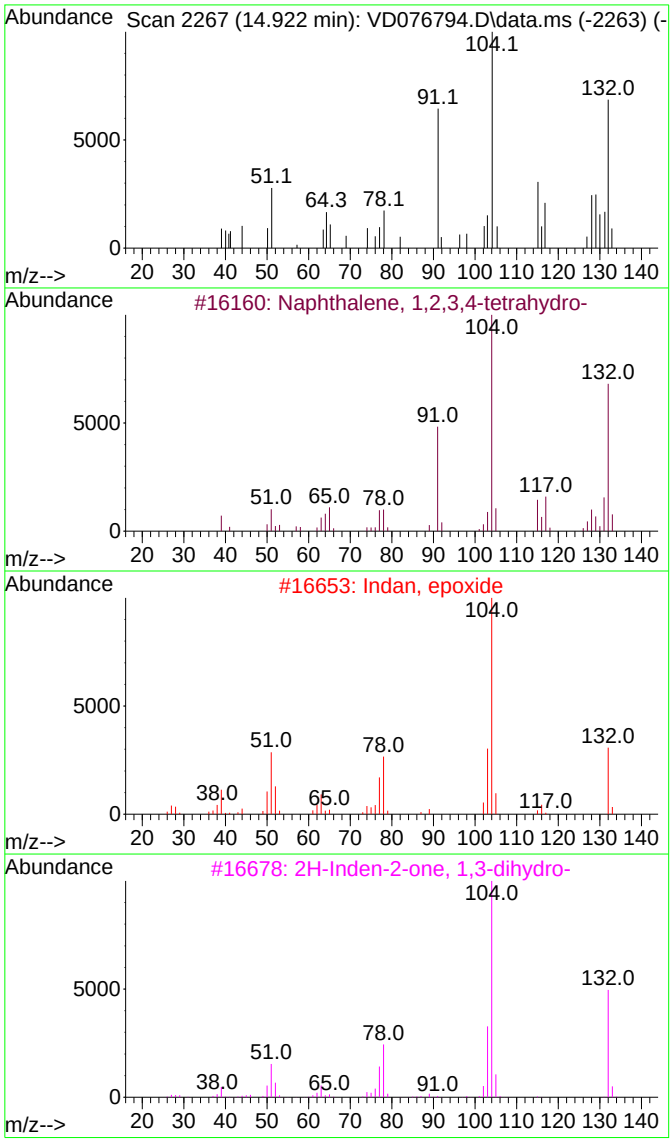
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

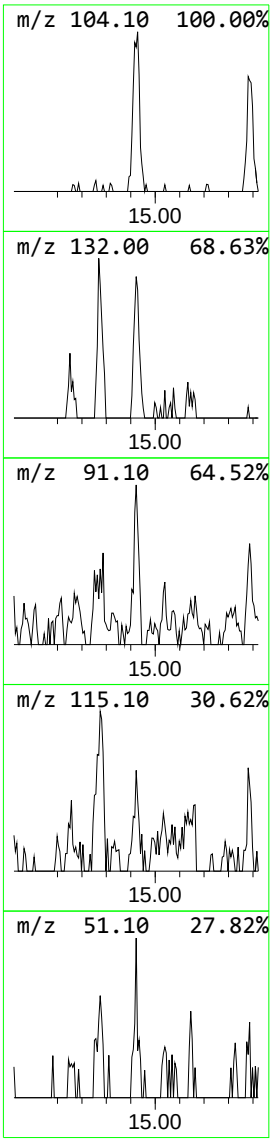
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	6.35 ug/l	31526	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Indan, epoxide	132	C9H8O	000768-22-9	55
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	46
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	38
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076794.D
Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

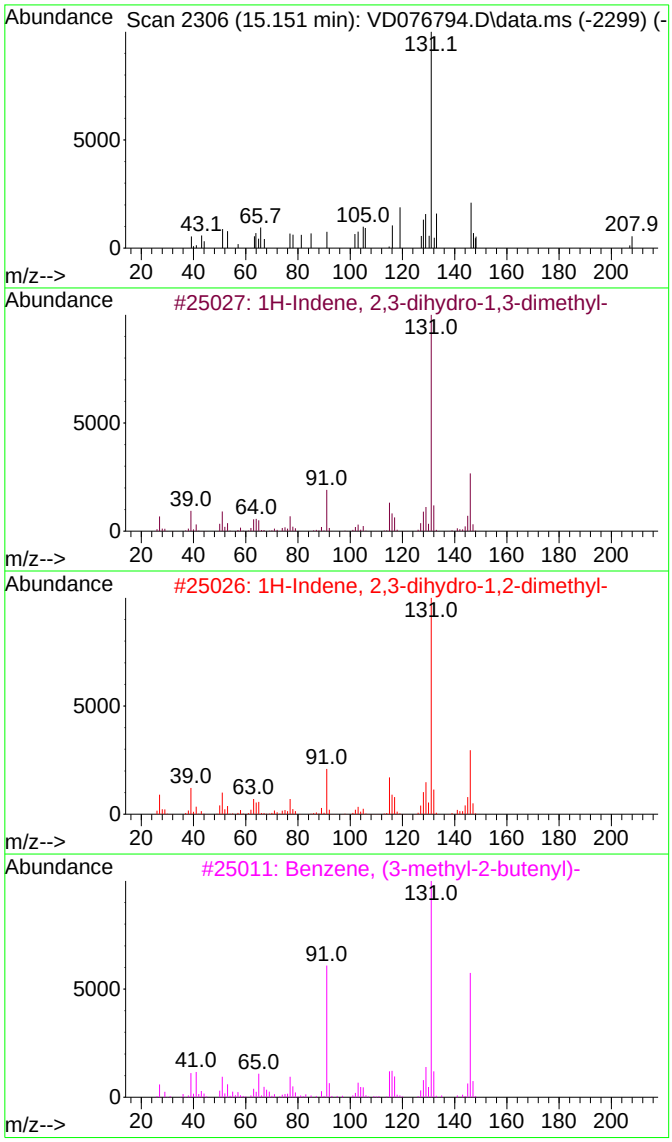
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

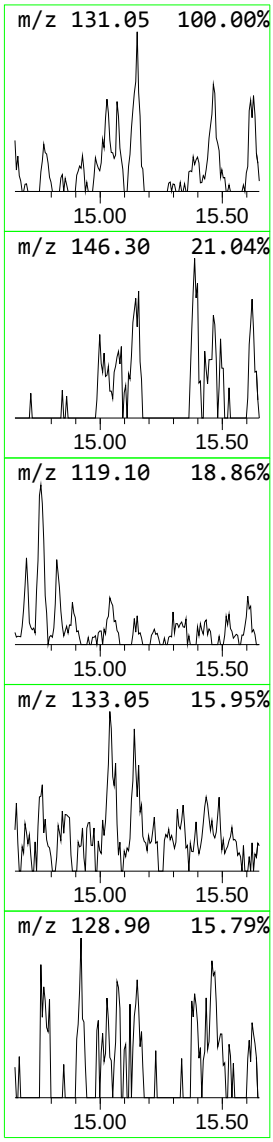
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	5.74 ug/l	28490	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	68
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	59
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076794.D
Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

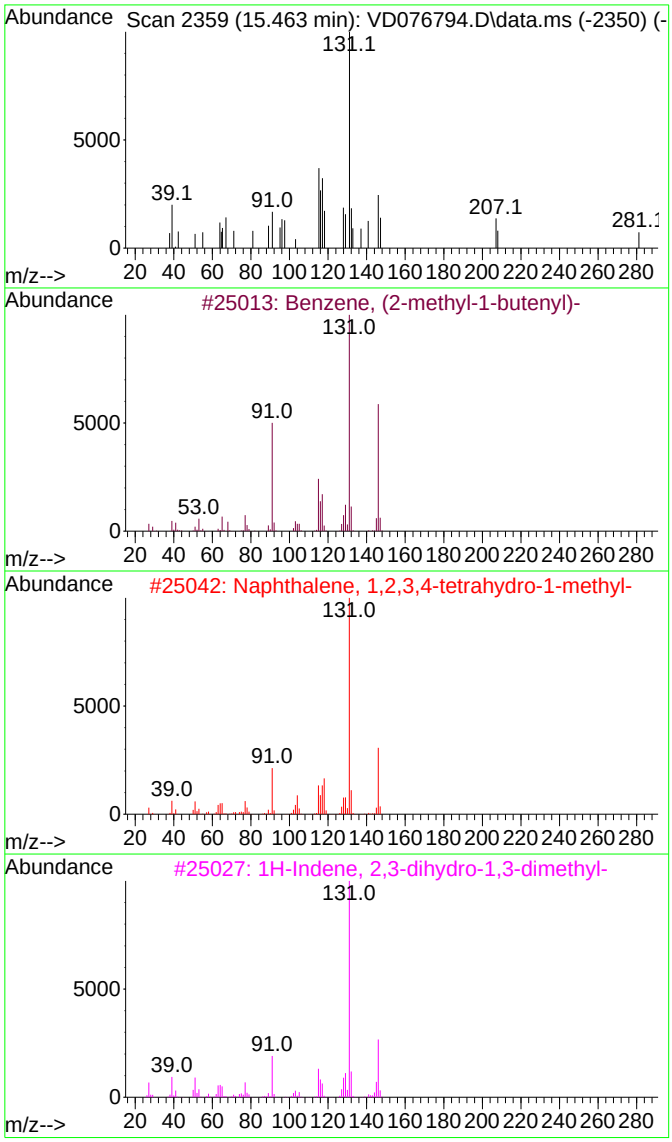
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

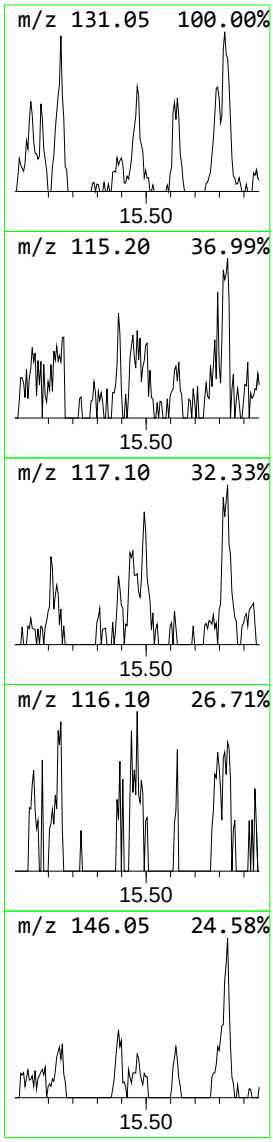
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	7.56 ug/l	37560	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	47
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	43
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	42
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
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Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

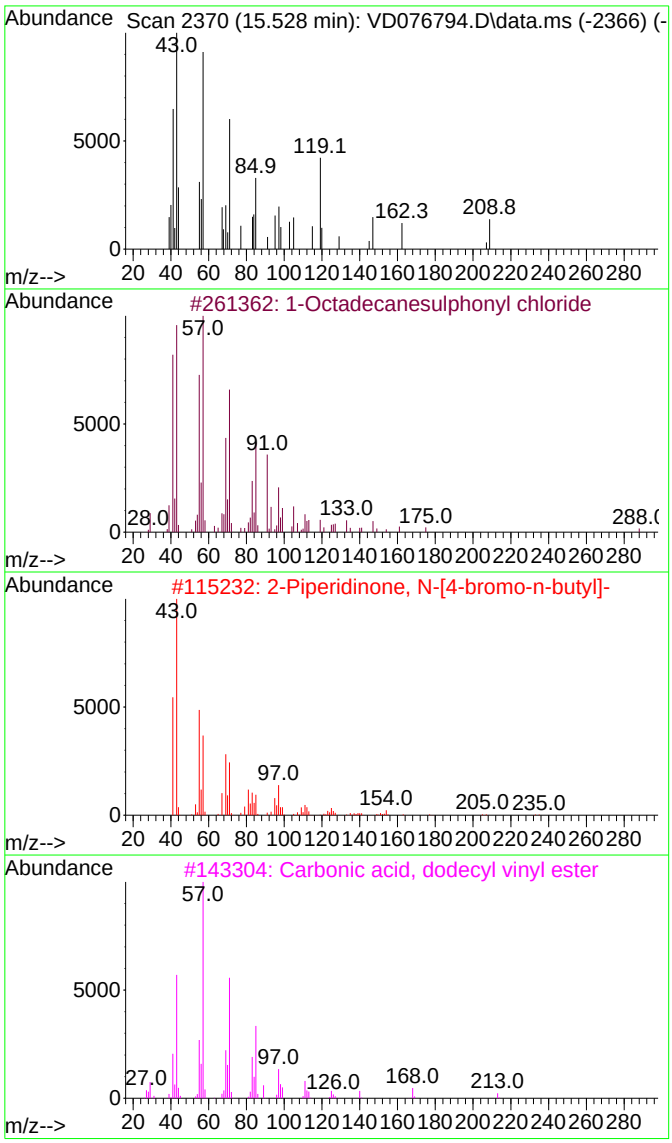
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

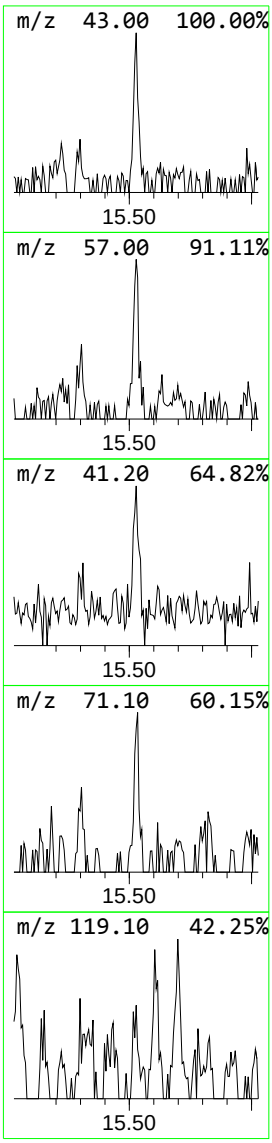
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 unknown15.528 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.528	5.81 ug/l	28849	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	37
2	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	35
3	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	35
4	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	27
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	25





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

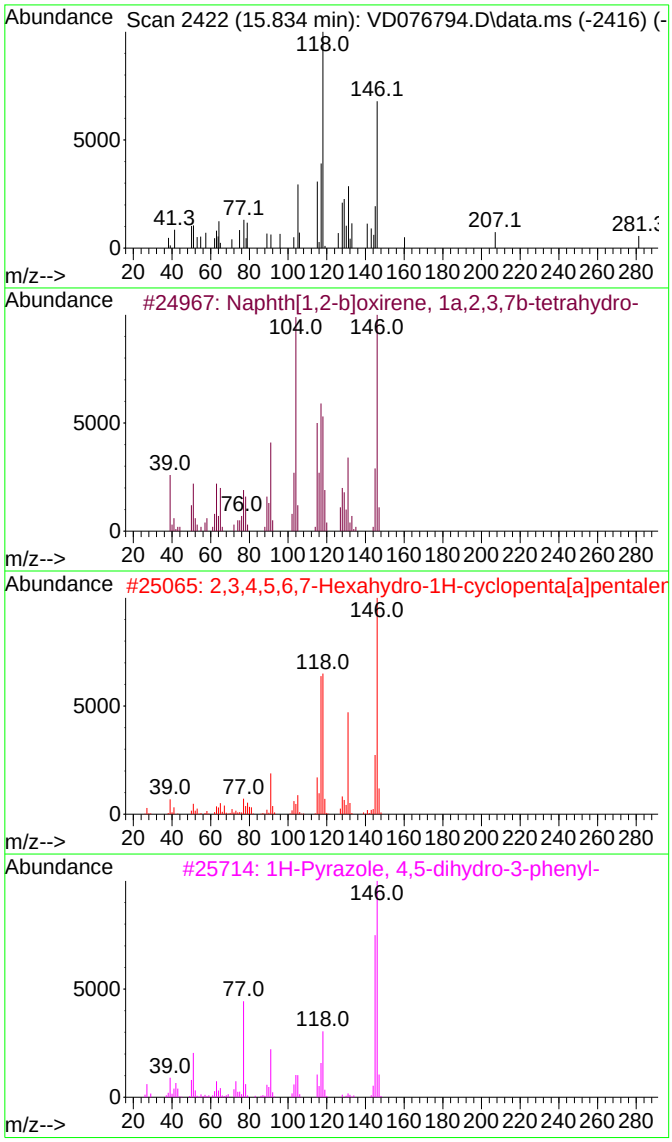
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

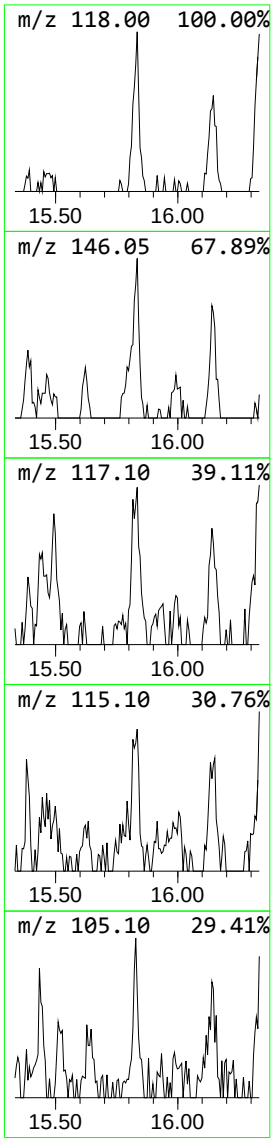
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphth[1,2-b]oxirene, 1a,2,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.834	10.55 ug/l	52395	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	52
3	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	47
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	38
5	2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076794.D
Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

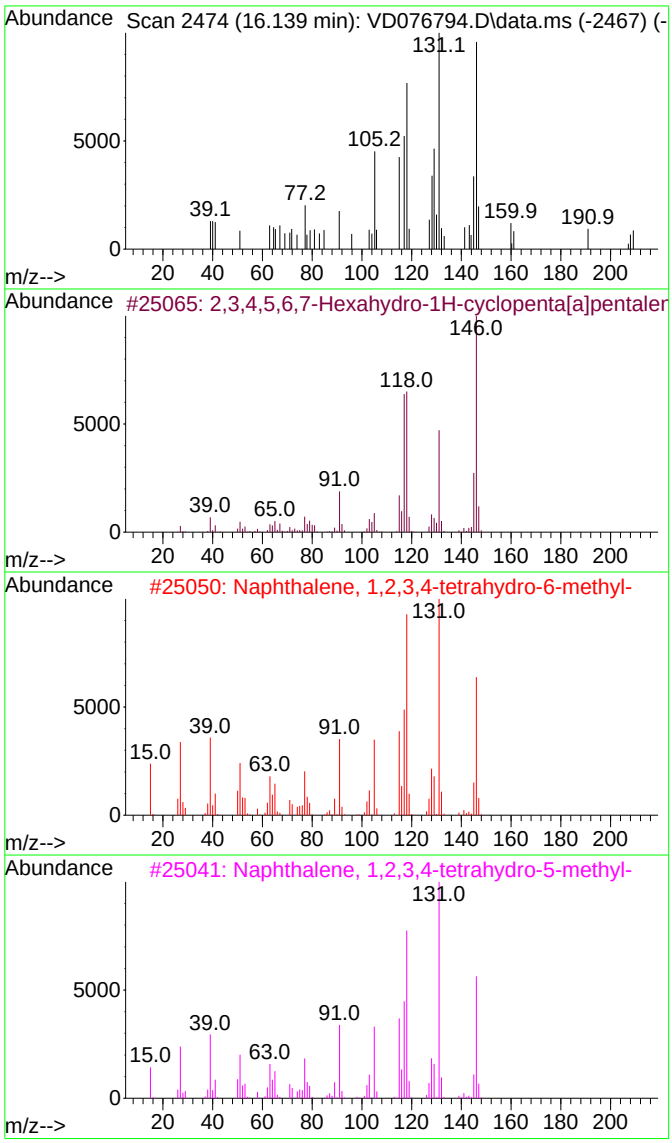
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

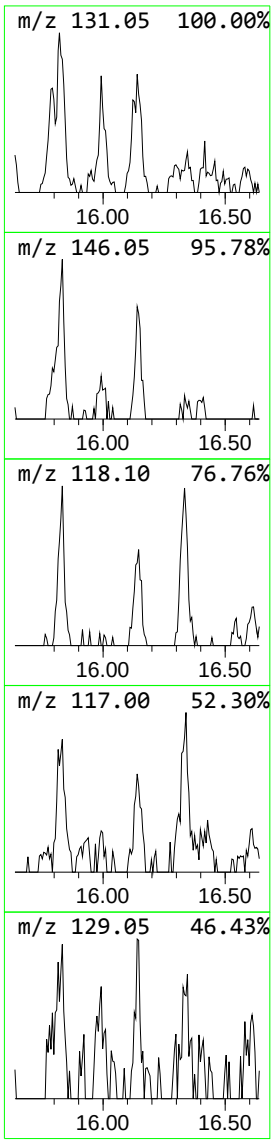
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	8.83 ug/l	43849	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076794.D
Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

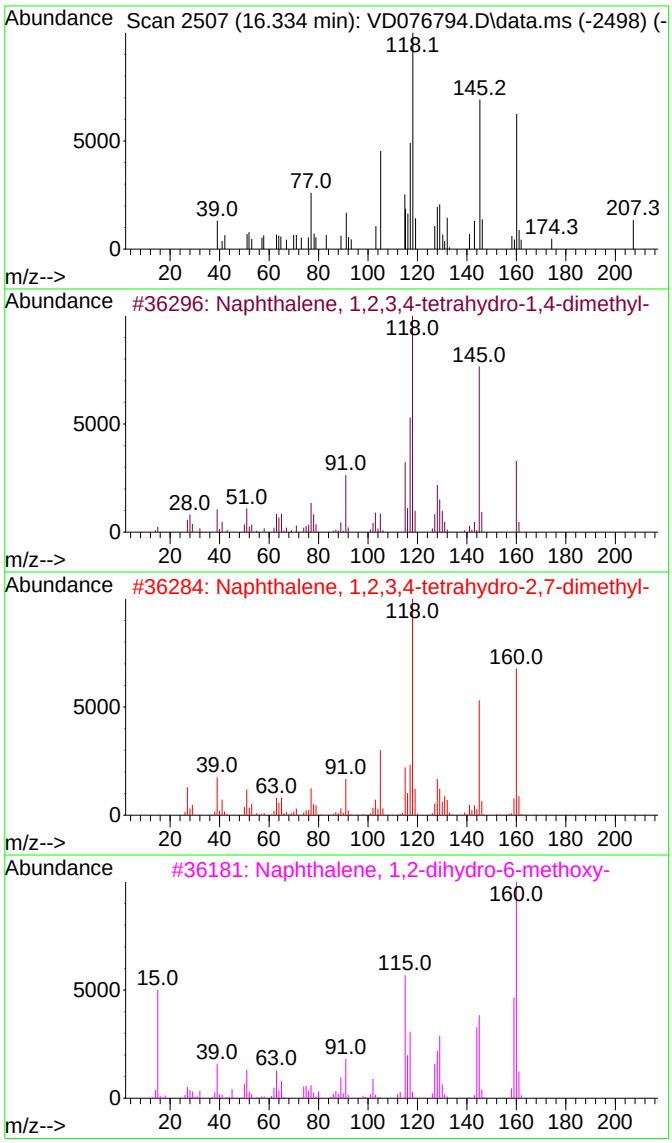
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

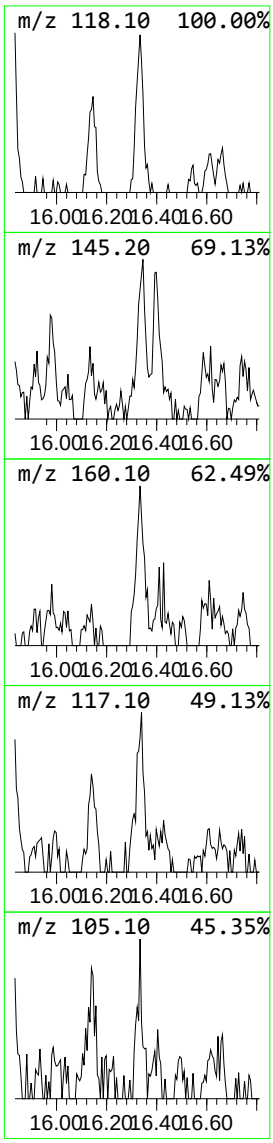
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	11.49 ug/l	57081	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
3	Naphthalene, 1,2-dihydro-6-methoxy-	160	C11H12O	060573-58-2	50
4	Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1010211-23-3	50
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076794.D
Acq On : 19 Jul 2023 16:50
Operator : KP/SY
Sample : 03659-03
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-3-071823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.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-met...	14.769	11.2	ug/l	55617	4	13.516	248350	50.0
Naphthalene, 1,...	14.922	6.3	ug/l	31526	4	13.516	248350	50.0
1H-Indene, 2,3-...	15.151	5.7	ug/l	28490	4	13.516	248350	50.0
Benzene, (2-met...	15.463	7.6	ug/l	37560	4	13.516	248350	50.0
unknown15.528	15.528	5.8	ug/l	28849	4	13.516	248350	50.0
Naphth[1,2-b]ox...	15.834	10.6	ug/l	52395	4	13.516	248350	50.0
2,3,4,5,6,7-Hex...	16.139	8.8	ug/l	43849	4	13.516	248350	50.0
Naphthalene, 1,...	16.334	11.5	ug/l	57081	4	13.516	248350	50.0