LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

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\82D051324S.M
Title : SW846 8260

Signal : TIC: VD078988.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	19	26	33	rBV	189937	318069	42.53%	5.096%
2	4.793	534	545	556	rBV3	14327	43891	5.87%	0.703%
3	5.840	712	723	731	rVB4	6733	22915	3.06%	0.367%
4	7.069	925	932	937	rBV	3619	8597	1.15%	0.138%
5	7.805	1048	1057	1062	rBV	109740	262873	35.15%	4.212%
6	7.869	1062	1068	1083	rVB	145265	335827	44.90%	5.381%
7	8.228	1120	1129	1140	rVB2	78032	179700	24.03%	2.879%
8	8.775	1213	1222	1233	rBV	256658	509490	68.12%	8.163%
9	10.269	1468	1476	1485	rBV	427570	747893	100.00%	11.983%
10	10.657	1538	1542	1549	rVB2	4968	9105	1.22%	0.146%
11	11.581	1691	1699	1711	rBV	399547	659087	88.13%	10.560%
12	12.569	1860	1867	1877	rVB	281903	455741	60.94%	7.302%
13	12.857	1913	1916	1919	rBV2	5989	8962	1.20%	0.144%
14	12.904	1919	1924	1928	rVV	18554	28452	3.80%	0.456%
15	13.063	1944	1951	1959	rBV	12085	24878	3.33%	0.399%
16	13.134	1959	1963	1969	rVB6	6003	10444	1.40%	0.167%
17	13.340	1994	1998	2002	rVB4	5011	8976	1.20%	0.144%
18	13.404	2002	2009	2014	rBV6	13272	31826	4.26%	0.510%
19	13.516	2021	2028	2042	rBV	417884	715408	95.66%	11.462%
20	13.687	2053	2057	2058	rBV3	6557	8064	1.08%	0.129%
21	13.710	2058	2061	2065	rVV2	31860	48304	6.46%	0.774%
22	13.751	2065	2068	2073	rVB3	25596	39650	5.30%	0.635%
23	13.840	2078	2083	2088	rBV5	22027	39659	5.30%	0.635%
24	13.910	2089	2095	2100	rBV	15277	25332	3.39%	0.406%
25	14.057	2115	2120	2125	rVB2	30002	49086	6.56%	0.786%
26	14.116	2127	2130	2134	rVV4	6583	9578	1.28%	0.153%
27	14.169	2134	2139	2144	rVV2	41644	66203	8.85%	1.061%
28	14.228	2144	2149	2155	rVB7	6242	14526	1.94%	0.233%
29	14.298	2155	2161	2164	rBV6	13758	22903	3.06%	0.367%
30	14.345	2165	2169	2172	rVV3	19212	30127	4.03%	0.483%
31	14.387	2172	2176	2179	rVV2	18342	29938	4.00%	0.480%
32	14.422	2179	2182	2186	rVV	31186	40781	5.45%	0.653%
33	14.463	2186	2189	2193	rVV	17148	24325	3.25%	0.390%
34	14.510	2193	2197	2204	rVB5	24364	38634	5.17%	0.619%
35	14.575	2204	2208	2209	rBV4	6350	8828	1.18%	0.141%
36	14.610	2210	2214	2217	rVV5	12055	18247	2.44%	0.292%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

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\82D051324S.M
Title : SW846 8260

37	14.657	2217	2222	2226	rVV5	19853	32240	4.31%	0.517%
38	14.698	2226	2229	2234	rVB6	16095	22727	3.04%	0.364%
39	14.775	2234	2242	2247	rBV4	89121	195986	26.21%	3.140%
40	14.822	2247	2250	2258	rVB6	18388	32237	4.31%	0.516%
41	14.922	2262	2267	2273	rVB2	62288	105416	14.10%	1.689%
42	15.034	2281	2286	2290	rBV4	29909	57881	7.74%	0.927%
43	15.069	2290	2292	2298	rVV4	22627	31795	4.25%	0.509%
44	15.151	2298	2306	2311	rVB4	44104	103505	13.84%	1.658%
45	15.304	2327	2332	2335	rBV7	8538	19754	2.64%	0.316%
46	15.387	2340	2346	2351	rBV2	35675	64613	8.64%	1.035%
47	15.457	2351	2358	2359	rBV5	17621	33701	4.51%	0.540%
48	15.528	2368	2370	2379	rVB6	10159	15241	2.04%	0.244%
49	15.622	2379	2386	2391	rBV4	27147	57828	7.73%	0.927%
50	15.692	2395	2398	2404	rBV7	5383	9893	1.32%	0.159%
51	15.792	2404	2415	2416	rBV6	23613	55060	7.36%	0.882%
52	15.828	2416	2421	2427	rVB2	61888	116001	15.51%	1.859%
53	15.916	2431	2436	2441	rBV8	10399	19536	2.61%	0.313%
54	15.987	2441	2448	2455	rBV5	16398	40963	5.48%	0.656%
55	16.134	2464	2473	2480	rBV4	45146	109044	14.58%	1.747%
56	16.334	2499	2507	2513	rBV4	38166	90707	12.13%	1.453%
57	16.398	2513	2518	2530	rVB9	16795	52139	6.97%	0.835%
58	16.604	2546	2553	2559	rBV7	12973	38739	5.18%	0.621%
59	16.651	2559	2561	2566	rVB6	7115	11413	1.53%	0.183%
60	16.739	2571	2576	2583	rVB7	11242	28753	3.84%	0.461%

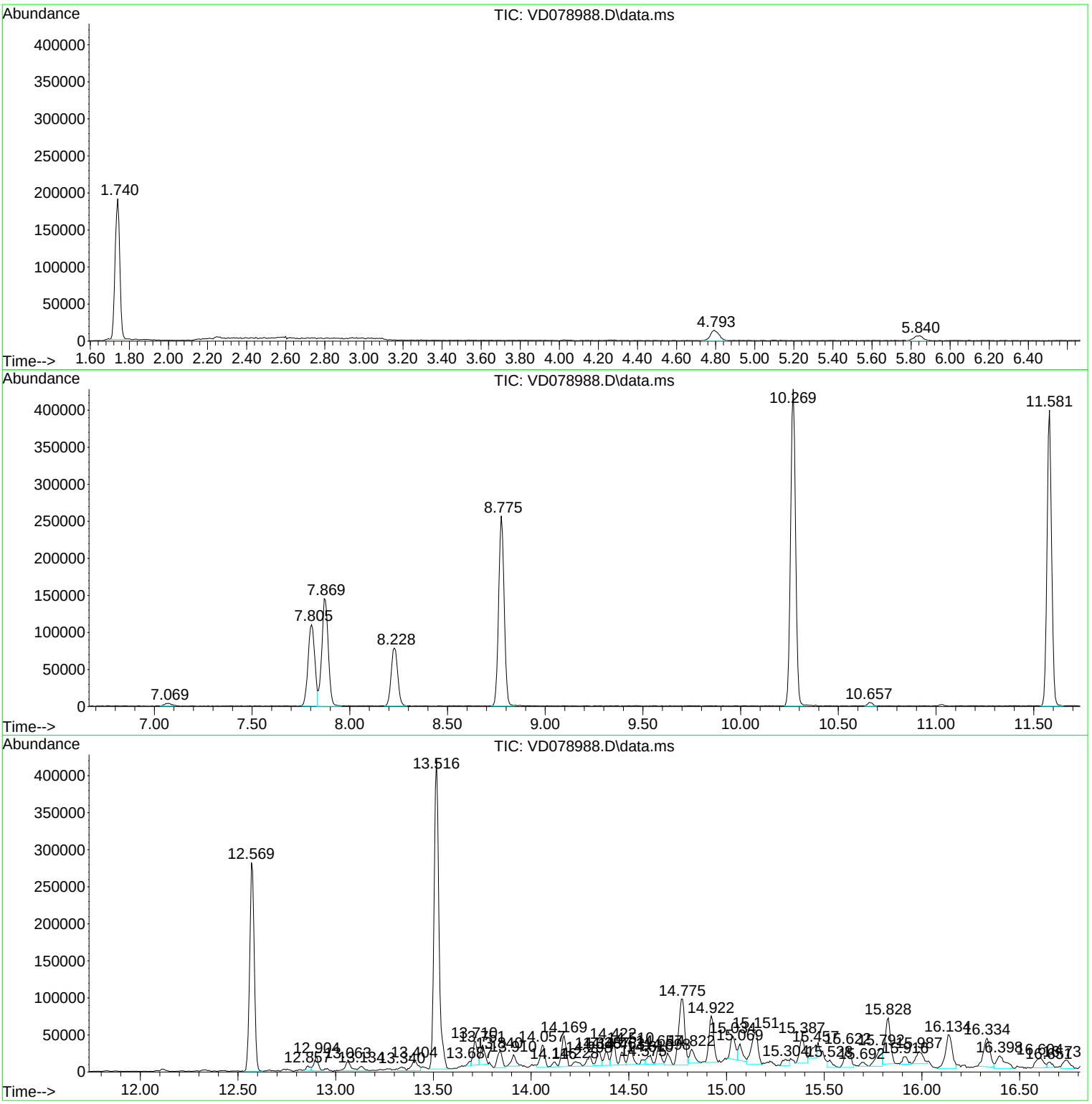
Sum of corrected areas: 6241491

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

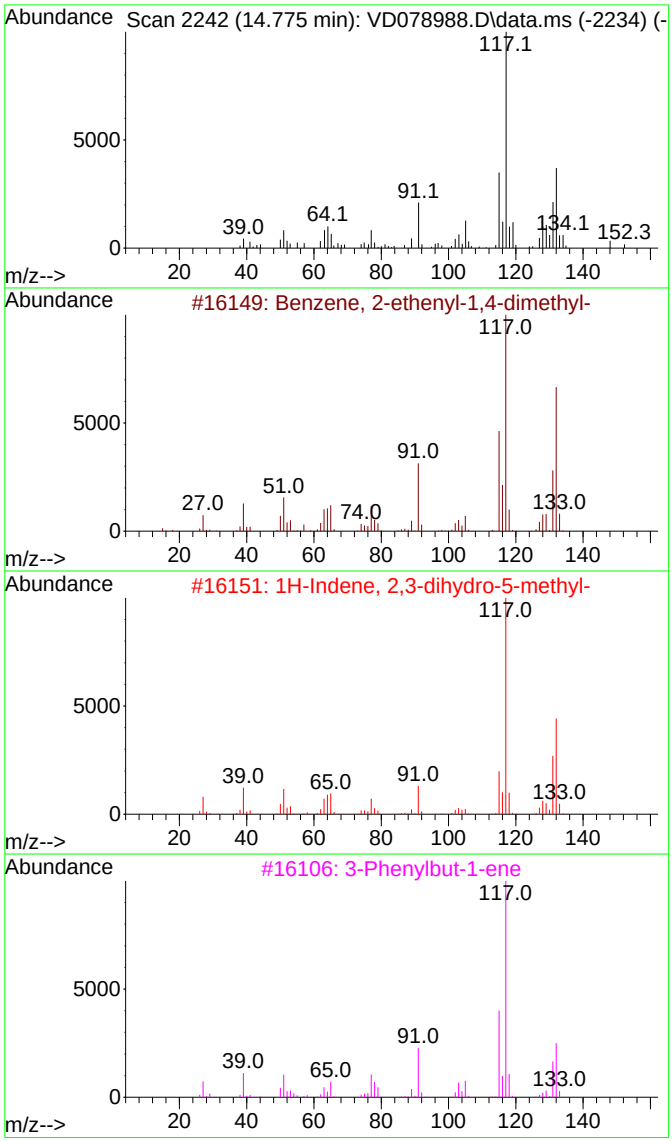
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260

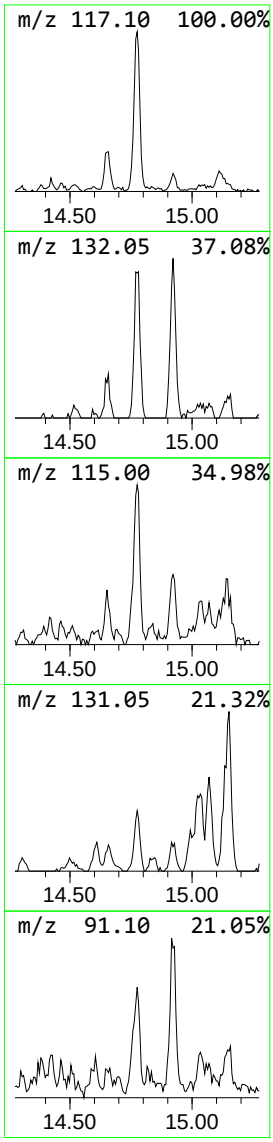
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	13.70 ug/l	195986	1,4-Dichlorobenzene-d4	13.516

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	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	81
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

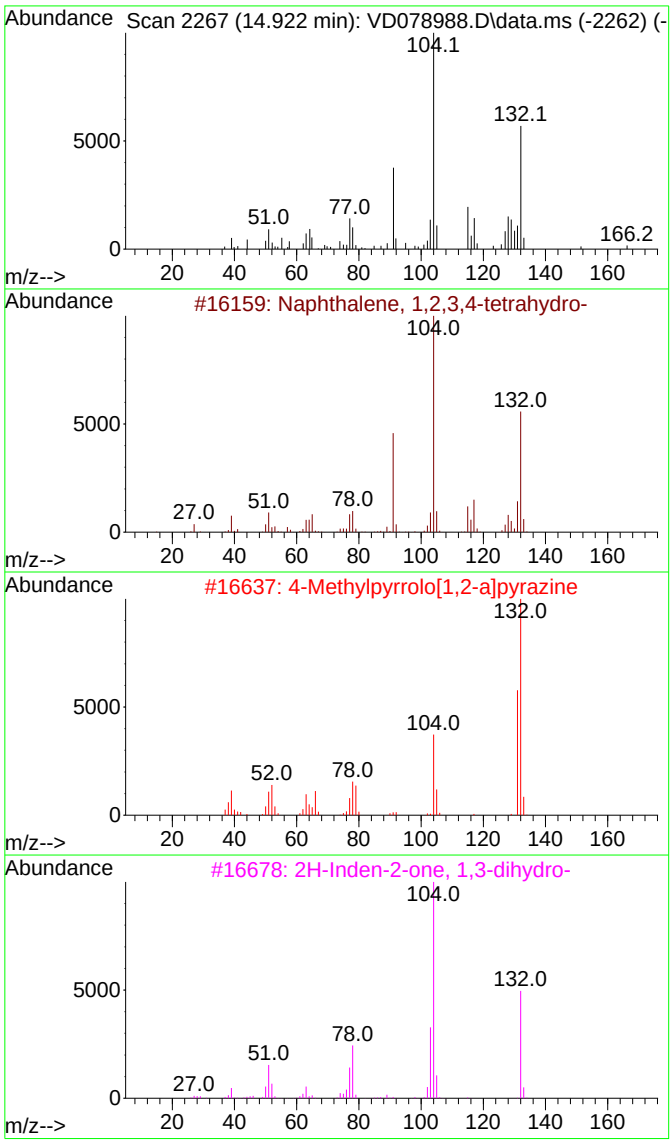
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260

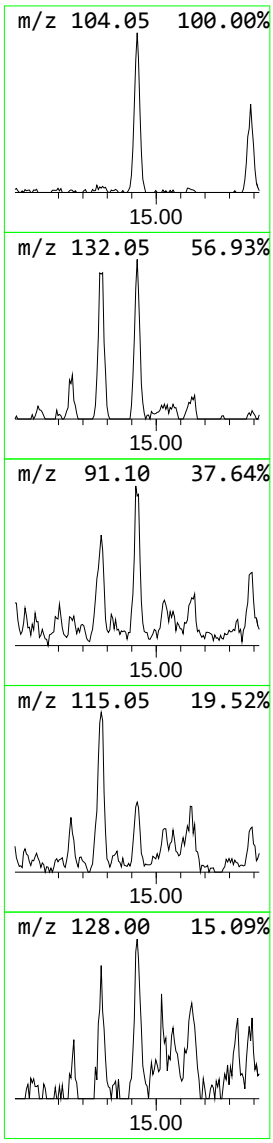
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	7.37 ug/l	105416	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	95
2	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	50
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
4	Indan, epoxide	132	C9H8O	000768-22-9	46
5	Propanoic acid, 2,2-dimethyl-, 2...	206	C13H18O2	067662-96-8	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

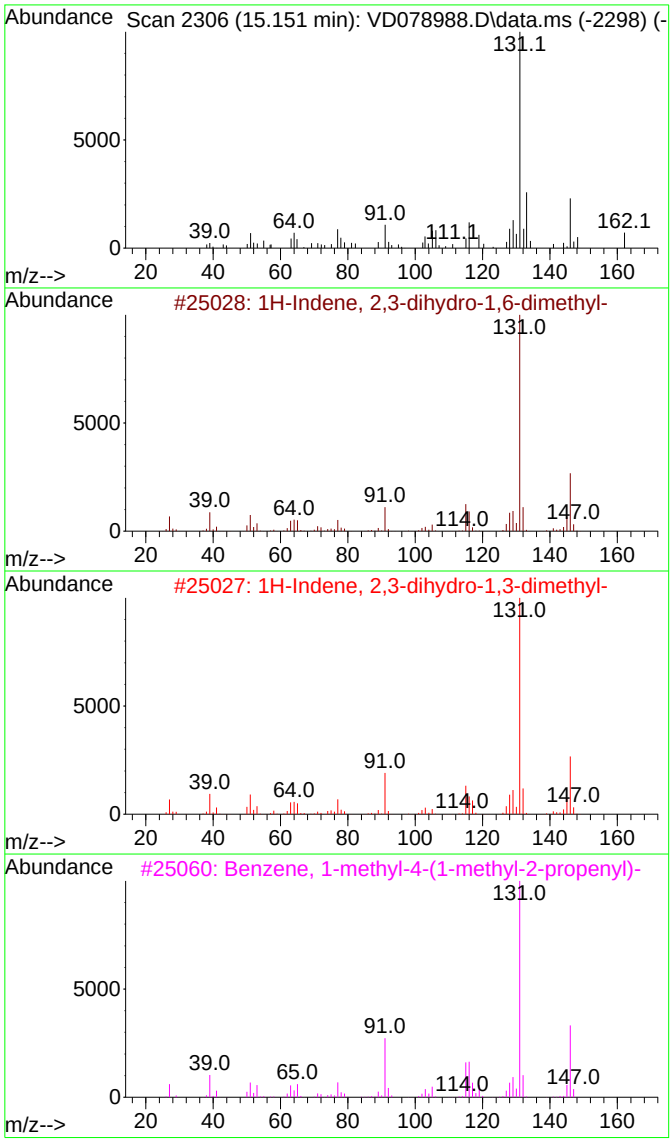
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260

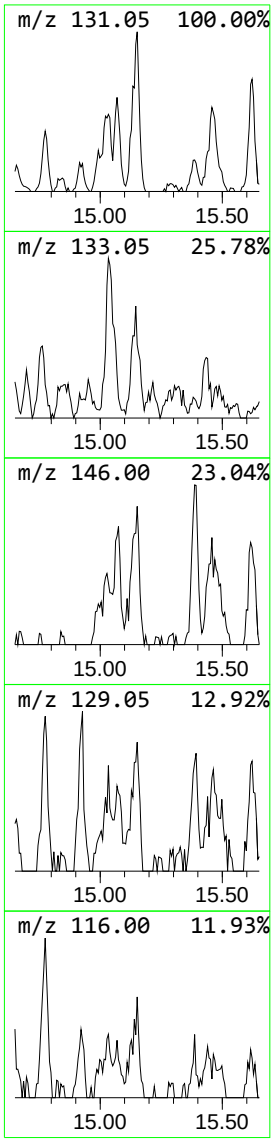
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	7.23 ug/l	103505	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

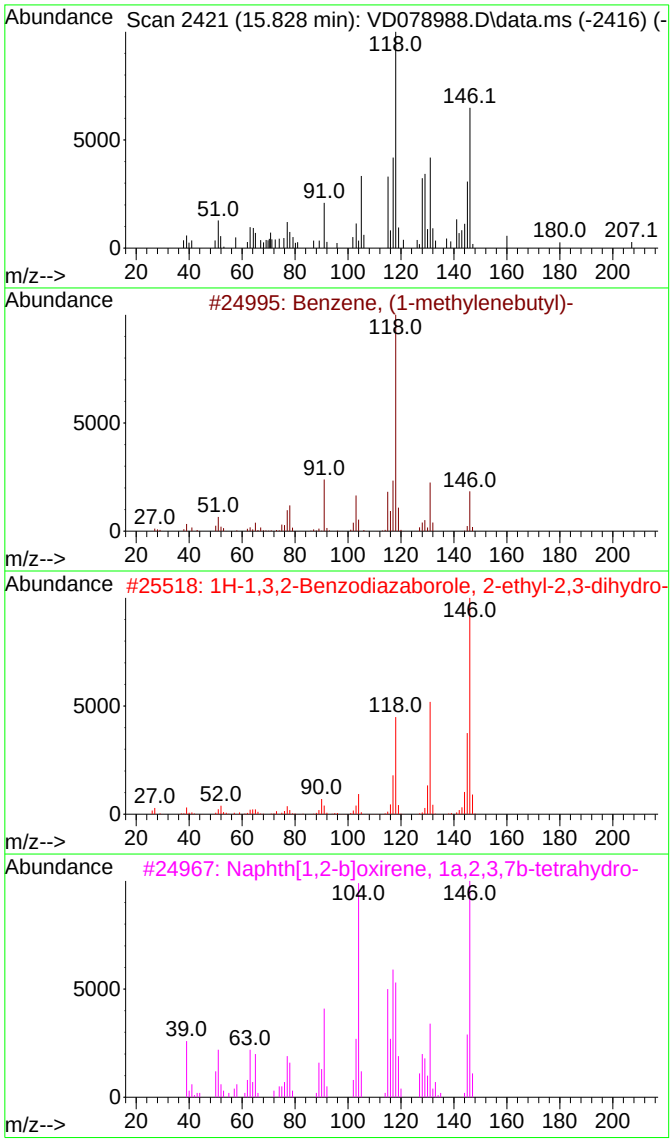
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260

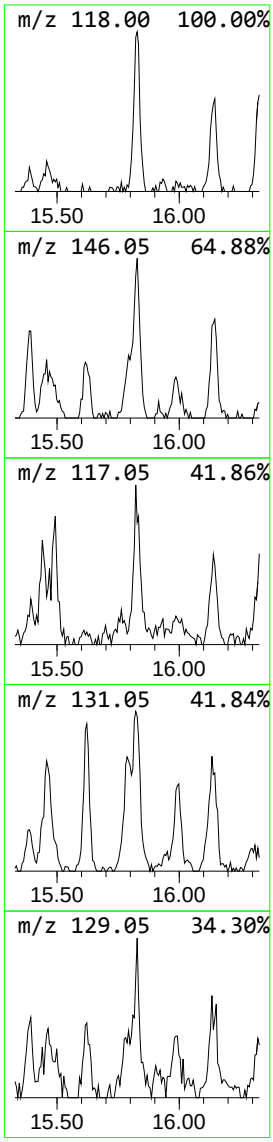
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methylenebutyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	8.11 ug/l	116001	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	64
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	58
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

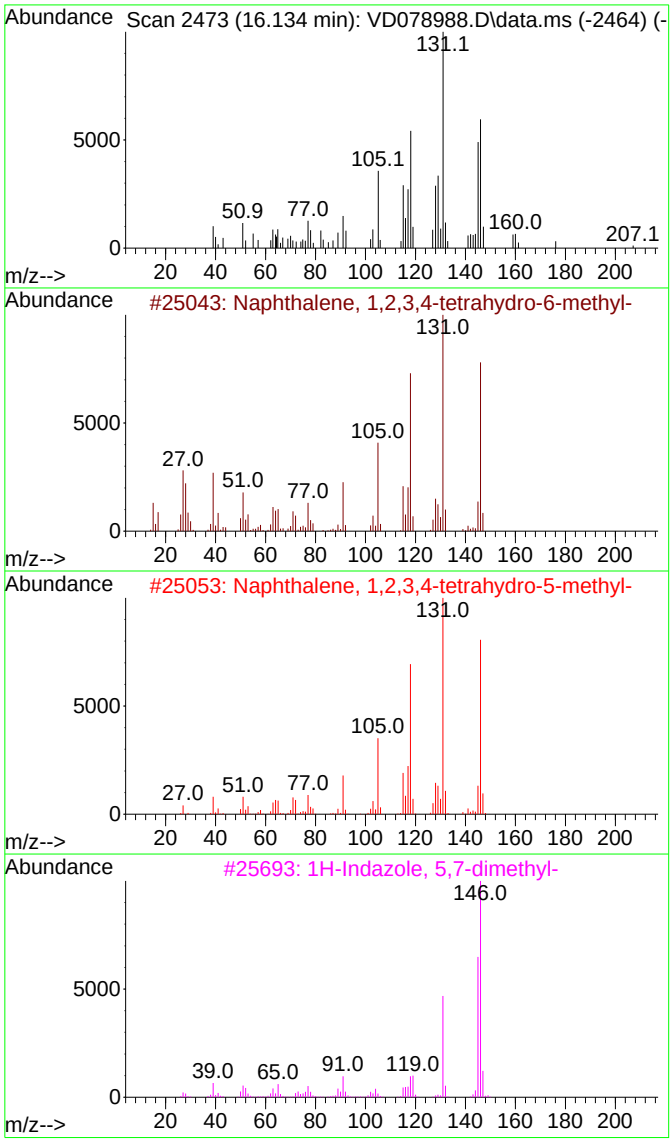
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260

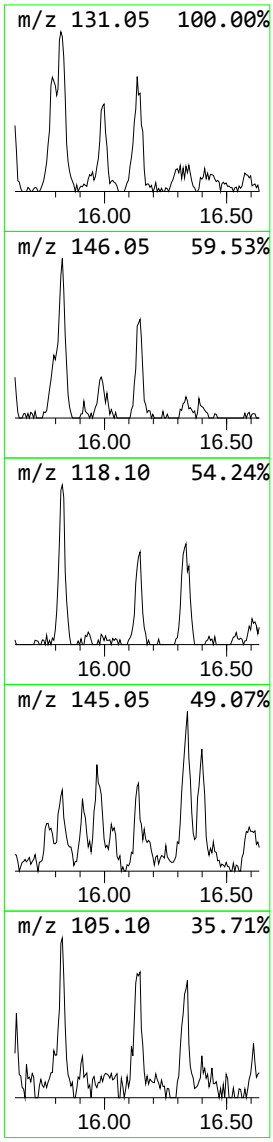
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	7.62 ug/l	109044	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	70
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	70
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

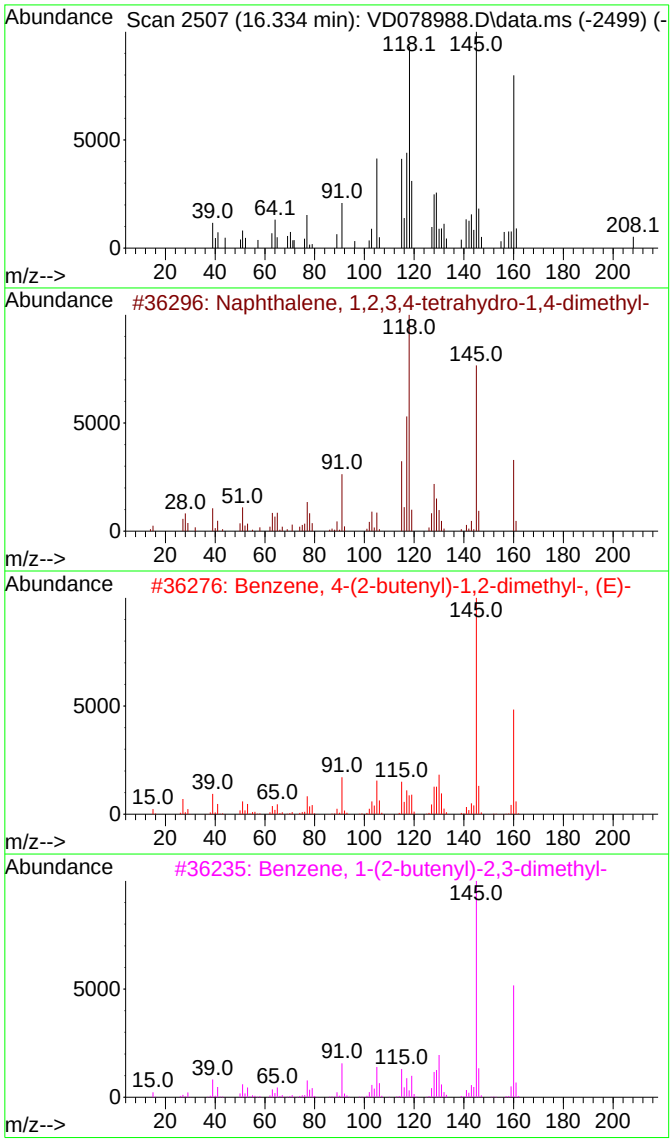
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260

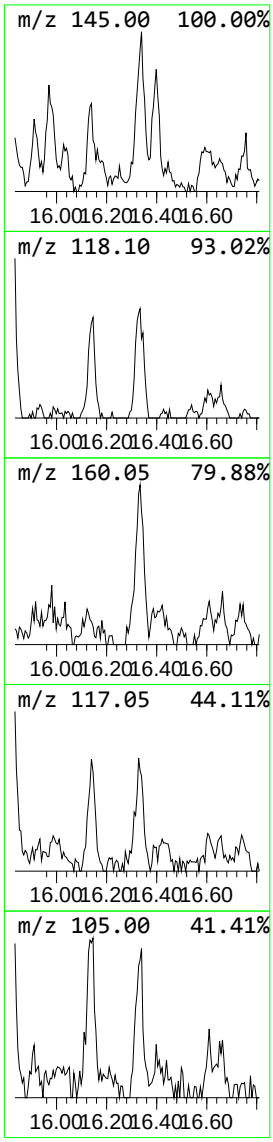
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	6.34 ug/l	90707	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	90
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	78
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078988.D
Acq On : 22 May 2024 19:16
Operator : RP/MD
Sample : P2555-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-052124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.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-ethe...	14.775	13.7	ug/l	195986	4	13.516	715408	50.0
Naphthalene, 1,...	14.922	7.4	ug/l	105416	4	13.516	715408	50.0
1H-Indene, 2,3-...	15.151	7.2	ug/l	103505	4	13.516	715408	50.0
Benzene, (1-met...	15.828	8.1	ug/l	116001	4	13.516	715408	50.0
Naphthalene, 1,...	16.134	7.6	ug/l	109044	4	13.516	715408	50.0
Naphthalene, 1,...	16.334	6.3	ug/l	90707	4	13.516	715408	50.0