LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-03-061621

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\82D061121S.M
Title : SW846 8260

Signal : TIC: VD069483.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.962	509	517	518	rBV4	17076	32092	1.63%	0.224%
2	7.914	1008	1019	1024	rBV	261034	612118	31.13%	4.278%
3	7.979	1024	1030	1042	rVB	377393	838362	42.64%	5.859%
4	8.332	1082	1090	1100	rBV2	224715	493008	25.07%	3.445%
5	8.861	1172	1180	1191	rBV	578447	1185675	60.30%	8.286%
6	9.408	1268	1273	1281	rVB5	13134	23956	1.22%	0.167%
7	9.914	1351	1359	1363	rBV2	21030	39374	2.00%	0.275%
8	10.097	1382	1390	1394	rBV6	16858	39614	2.01%	0.277%
9	10.144	1394	1398	1405	rVB2	27545	50327	2.56%	0.352%
10	10.338	1423	1431	1442	rBV	1085034	1966231	100.00%	13.740%
11	10.520	1455	1462	1470	rVB7	13771	37724	1.92%	0.264%
12	10.679	1483	1489	1495	rBV5	23344	40577	2.06%	0.284%
13	10.773	1498	1505	1515	rBV6	34254	92812	4.72%	0.649%
14	10.861	1515	1520	1525	rVB3	30728	52903	2.69%	0.370%
15	10.949	1525	1535	1542	rBV4	33221	73517	3.74%	0.514%
16	11.049	1546	1552	1560	rBV2	48954	106232	5.40%	0.742%
17	11.120	1560	1564	1568	rBV4	23193	43917	2.23%	0.307%
18	11.191	1571	1576	1580	rVV2	53634	96597	4.91%	0.675%
19	11.238	1580	1584	1590	rVB4	28527	46884	2.38%	0.328%
20	11.349	1598	1603	1606	rBV3	24365	43662	2.22%	0.305%
21	11.391	1606	1610	1616	rVV4	39037	79930	4.07%	0.559%
22	11.438	1616	1618	1625	rVV7	14895	23924	1.22%	0.167%
23	11.514	1625	1631	1639	rVB4	23893	42789	2.18%	0.299%
24	11.638	1644	1652	1663	rBV	968079	1699704	86.44%	11.878%
25	11.732	1663	1668	1673	rBV3	23876	43115	2.19%	0.301%
26	11.849	1679	1688	1699	rBV	95776	224270	11.41%	1.567%
27	12.149	1731	1739	1747	rBV9	12635	39101	1.99%	0.273%
28	12.385	1775	1779	1785	rVB5	9976	20862	1.06%	0.146%
29	12.626	1812	1820	1828	rBV	1006964	1669386	84.90%	11.666%
30	12.879	1856	1863	1865	rBV4	10579	20162	1.03%	0.141%
31	12.949	1871	1875	1880	rVB6	15927	28084	1.43%	0.196%
32	13.567	1973	1980	1989	rBV	814917	1332444	67.77%	9.311%
33	13.761	2009	2013	2017	rBV4	18519	30716	1.56%	0.215%
34	13.885	2029	2034	2039	rBV5	35474	63677	3.24%	0.445%
35	14.090	2065	2069	2076	rVB2	47507	97414	4.95%	0.681%
36	14.214	2085	2090	2096	rBV5	35011	58025	2.95%	0.405%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-03-061621

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\82D061121S.M
Title : SW846 8260

37	14.279	2096	2101	2103	rBV6	11481	20463	1.04%	0.143%
38	14.343	2107	2112	2117	rBV7	18501	45568	2.32%	0.318%
39	14.402	2117	2122	2125	rBV7	23644	42107	2.14%	0.294%
40	14.467	2130	2133	2137	rVB2	29018	41441	2.11%	0.290%
41	14.514	2137	2141	2144	rBV3	33041	45112	2.29%	0.315%
42	14.561	2144	2149	2154	rVB4	25174	43227	2.20%	0.302%
43	14.655	2161	2165	2168	rVV4	20851	30972	1.58%	0.216%
44	14.702	2168	2173	2175	rVV3	36951	57755	2.94%	0.404%
45	14.738	2175	2179	2185	rVB5	75215	137906	7.01%	0.964%
46	14.820	2185	2193	2198	rBV7	114911	284729	14.48%	1.990%
47	14.861	2198	2200	2208	rVB4	47020	90700	4.61%	0.634%
48	14.973	2214	2219	2225	rVB	81428	138952	7.07%	0.971%
49	15.079	2233	2237	2242	rBV7	40410	72013	3.66%	0.503%
50	15.196	2250	2257	2266	rVB6	52468	122820	6.25%	0.858%
51	15.279	2268	2271	2277	rVB7	27480	56020	2.85%	0.391%
52	15.349	2278	2283	2288	rBV5	47898	101666	5.17%	0.710%
53	15.443	2294	2299	2304	rBV	62250	111203	5.66%	0.777%
54	15.496	2304	2308	2312	rBV5	39763	75138	3.82%	0.525%
55	15.585	2319	2323	2332	rVB6	92112	183975	9.36%	1.286%
56	15.685	2332	2340	2347	rBV4	60145	164176	8.35%	1.147%
57	15.761	2350	2353	2358	rVB6	22083	35914	1.83%	0.251%
58	15.855	2363	2369	2370	rVV6	38578	68488	3.48%	0.479%
59	15.896	2371	2376	2384	rVB2	123389	253583	12.90%	1.772%
60	16.061	2397	2404	2410	rBV6	32467	84021	4.27%	0.587%
61	16.214	2423	2430	2436	rBV3	67033	149825	7.62%	1.047%
62	16.255	2436	2437	2445	rVB8	18888	30694	1.56%	0.214%
63	16.326	2446	2449	2453	rVB6	16415	27550	1.40%	0.193%
64	16.414	2458	2464	2470	rVV3	67871	138154	7.03%	0.965%
65	16.479	2470	2475	2481	rVV5	32069	66488	3.38%	0.465%
66	16.537	2481	2485	2491	rVB6	41095	72439	3.68%	0.506%
67	16.690	2503	2511	2518	rBV5	41428	127671	6.49%	0.892%

Sum of corrected areas: 14309955

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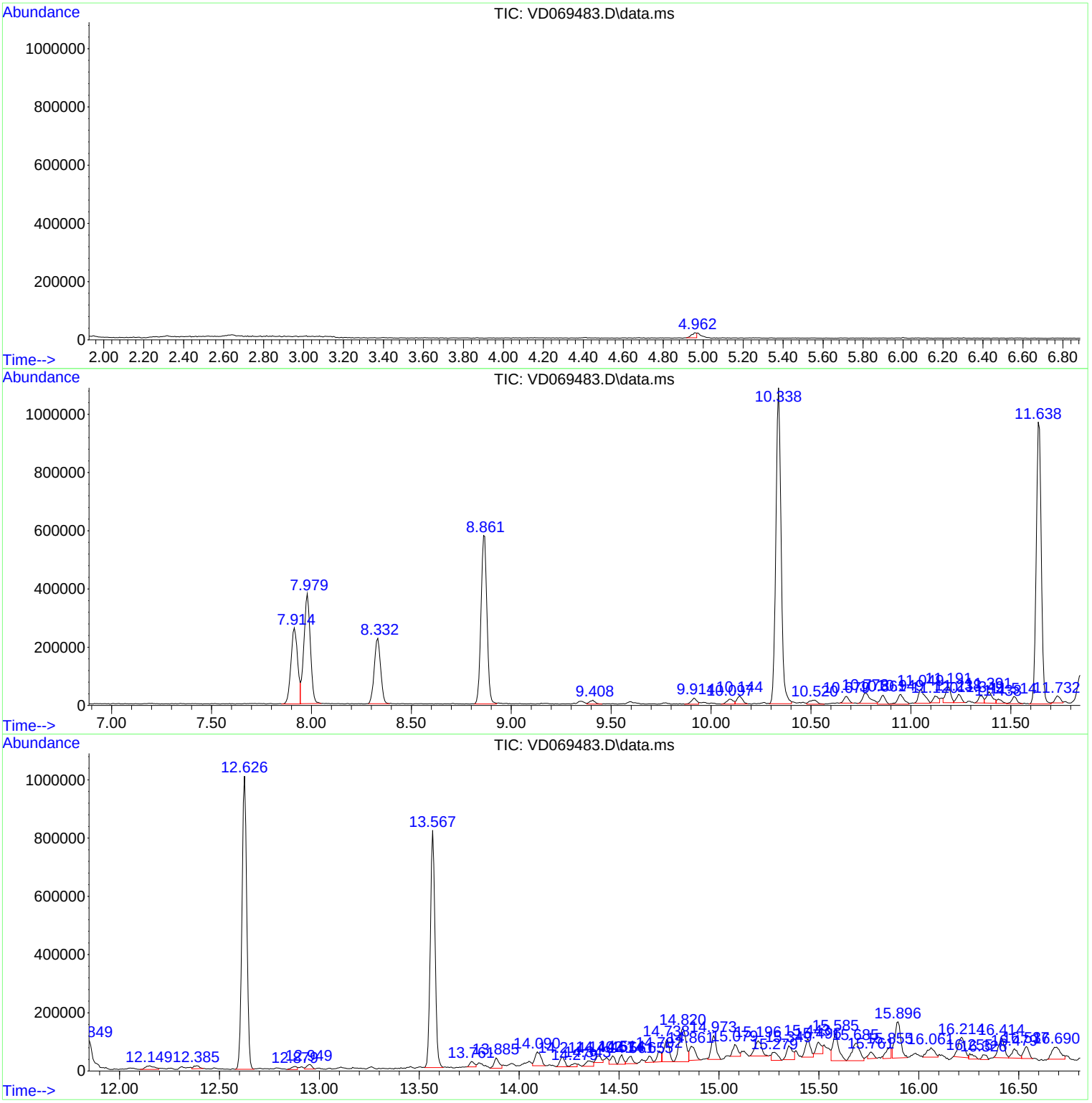
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-03-061621

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

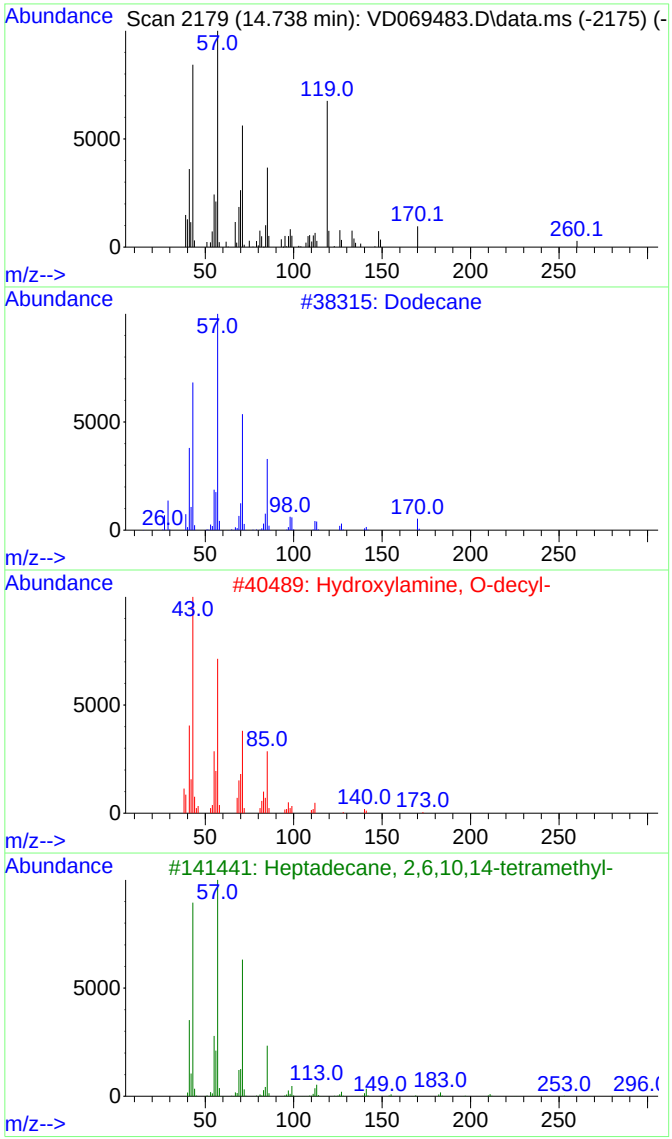
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

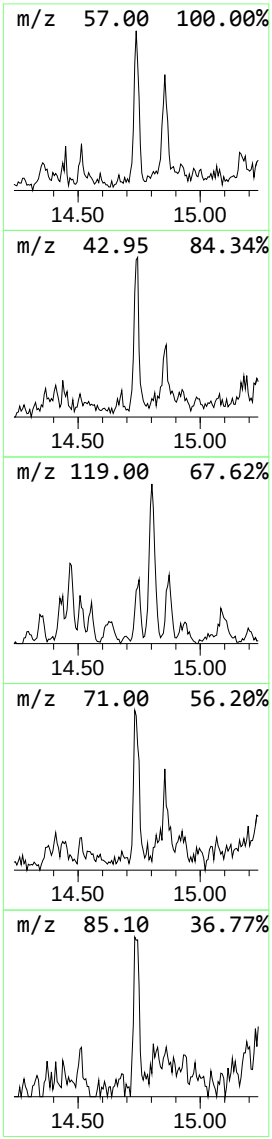
****

Peak Number 1 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.738	5.17 ug/l	137906	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	70
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	47
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
5	Heneicosane	296	C21H44	000629-94-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

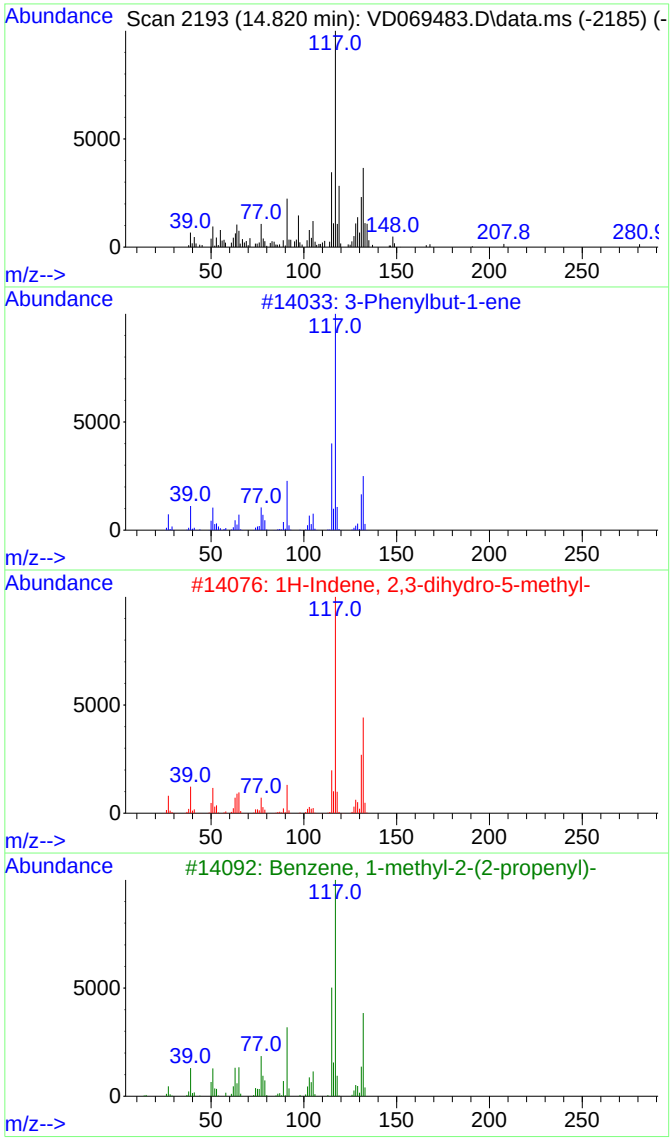
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

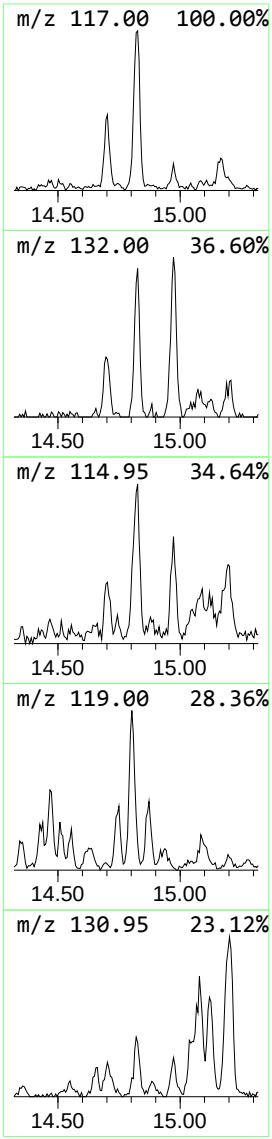
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.820	10.68 ug/l	284729	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	68
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
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Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

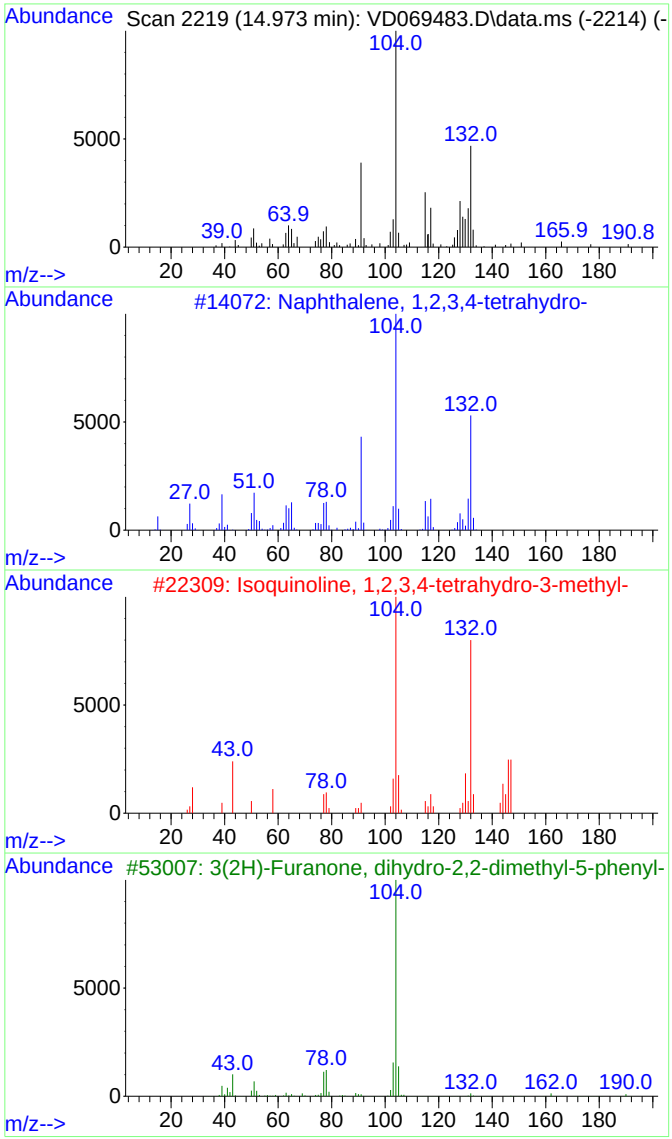
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

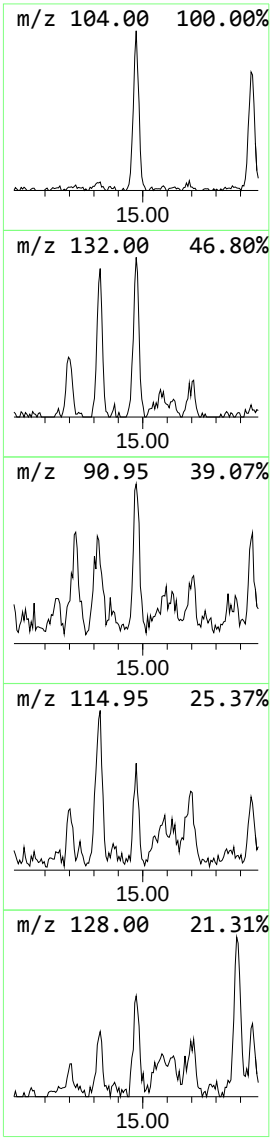
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.973	5.21 ug/l	138952	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	53
3	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	27
4	Phensuximide	189	C11H11NO2	000086-34-0	27
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-03-061621

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

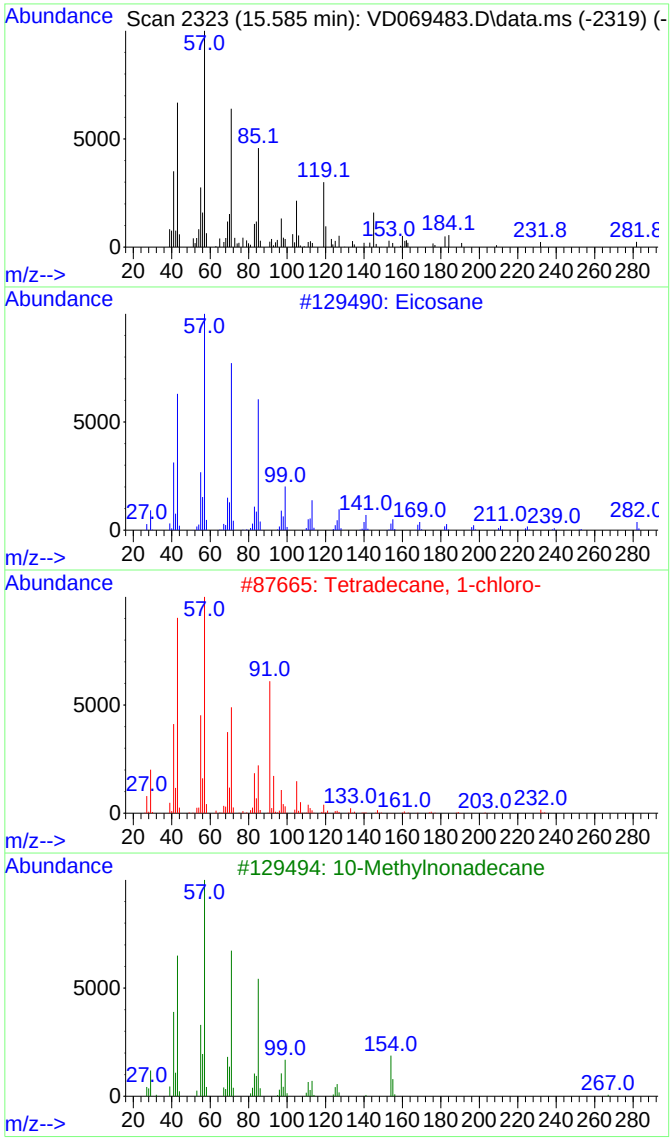
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

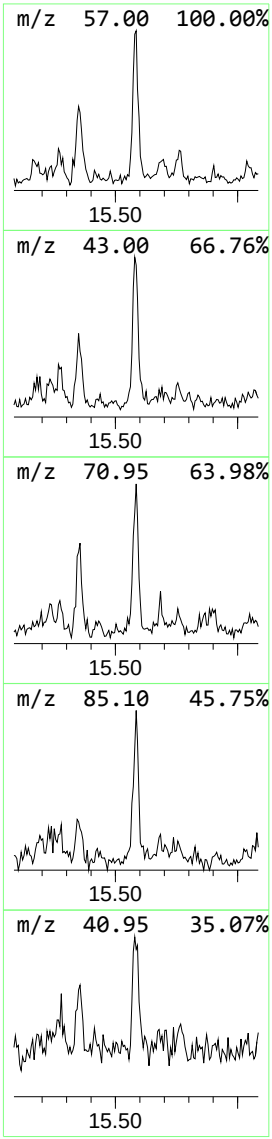
****

Peak Number 4 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.585	6.90 ug/l	183975	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	53
2	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	50
3	10-Methylnonadecane	282	C20H42	056862-62-5	49
4	Tridecane	184	C13H28	000629-50-5	49
5	Hexadecane	226	C16H34	000544-76-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

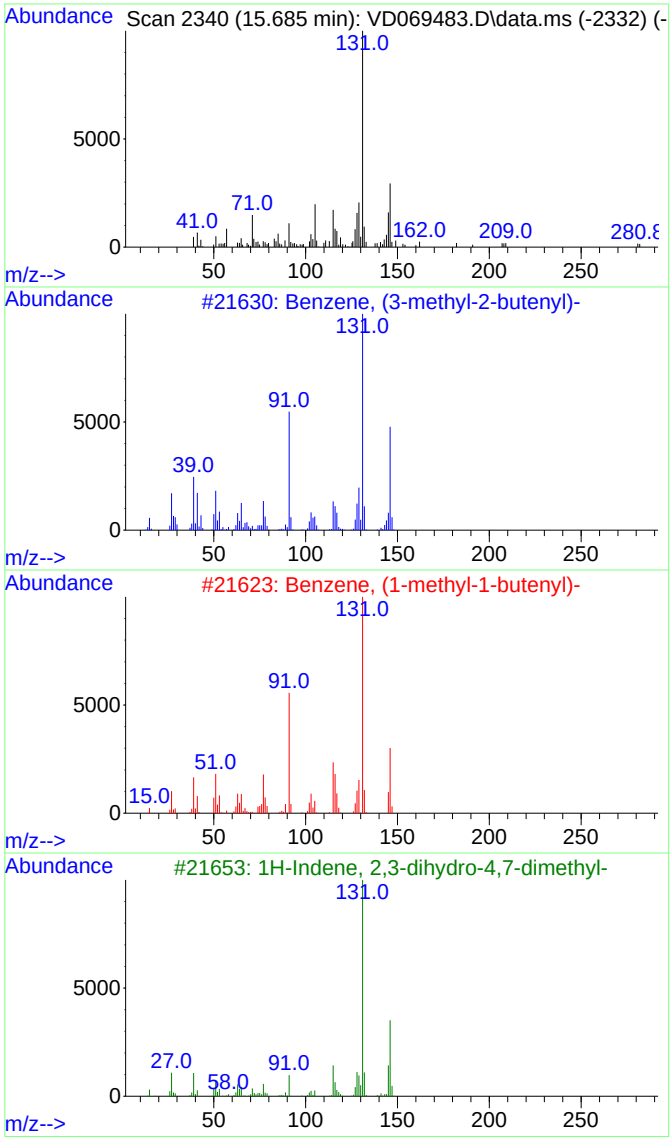
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

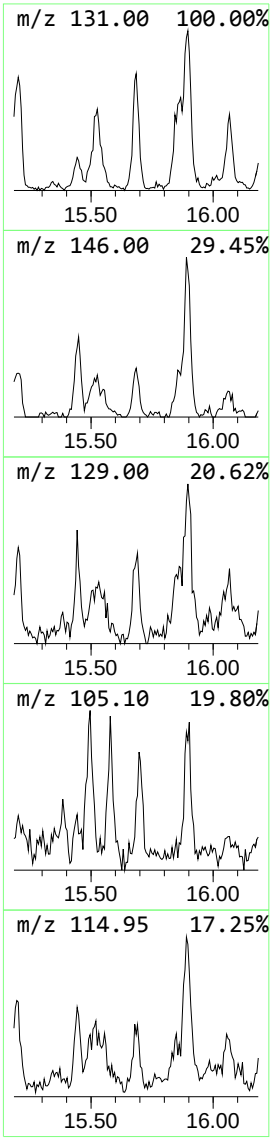
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (3-methyl-2-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.685	6.16 ug/l	164176	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	62





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Data File : VD069483.D
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Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-03-061621

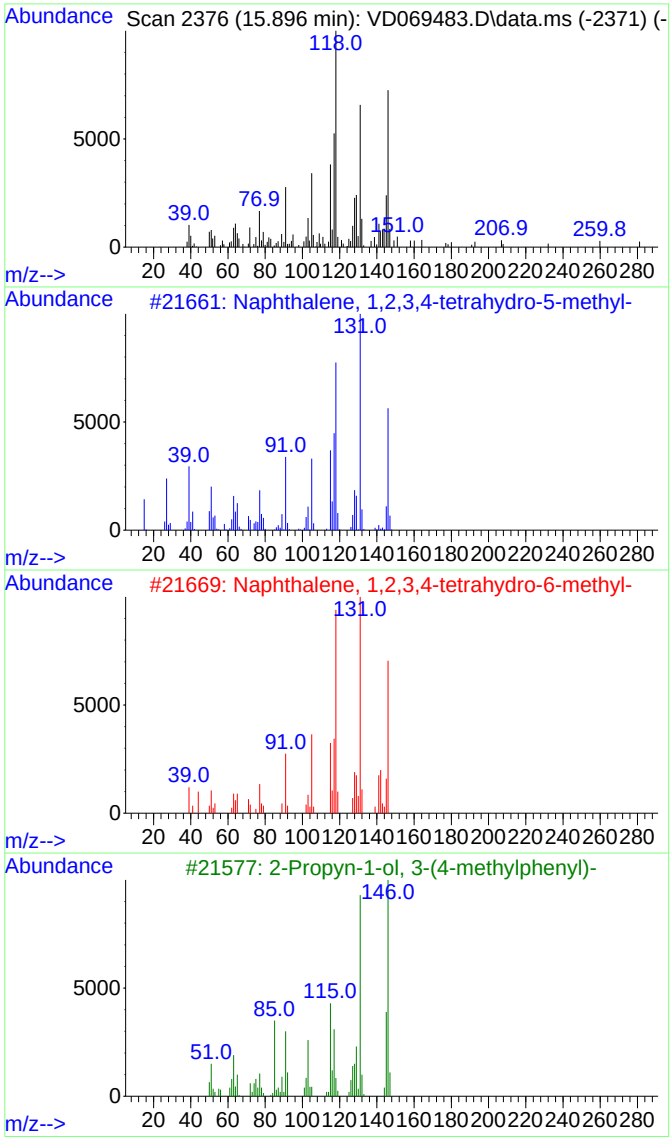
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

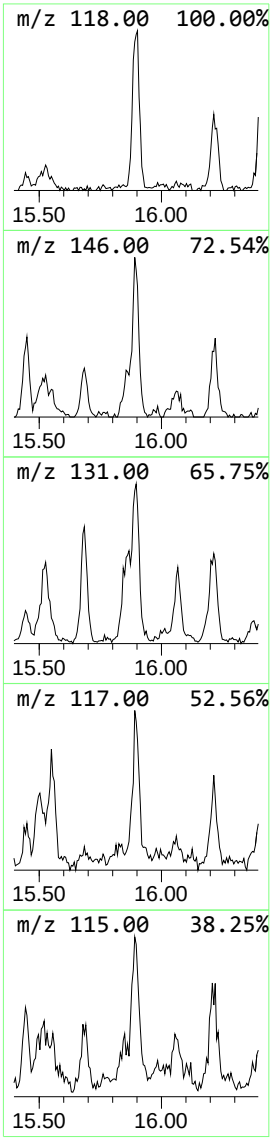
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.896	9.52 ug/l	253583	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	60
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	52
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-03-061621

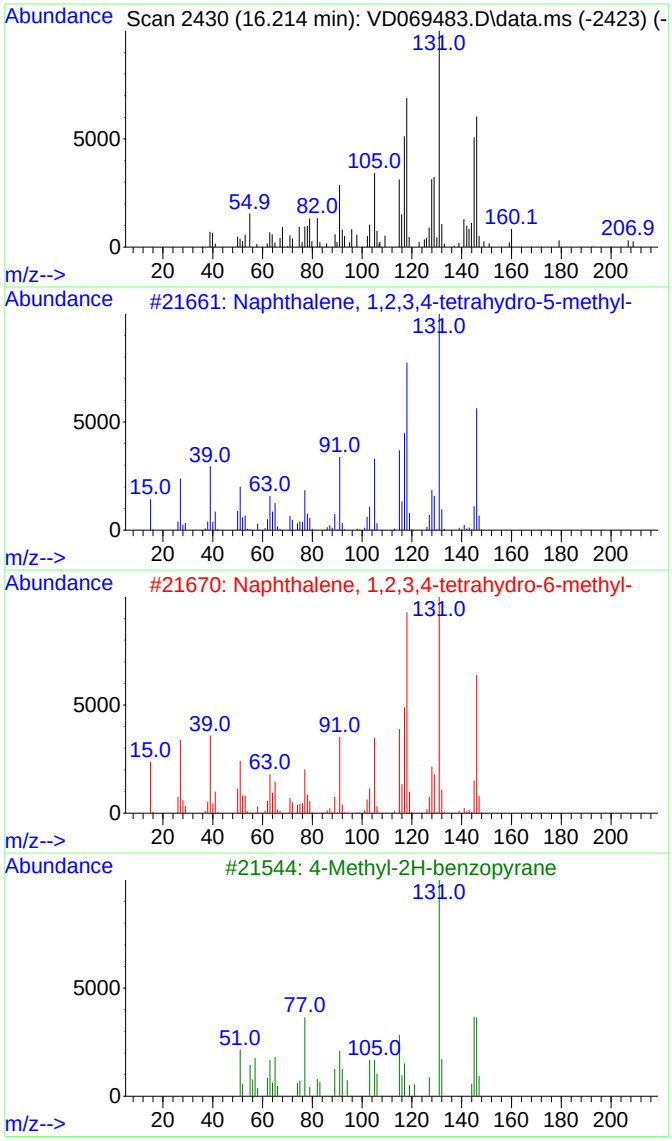
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

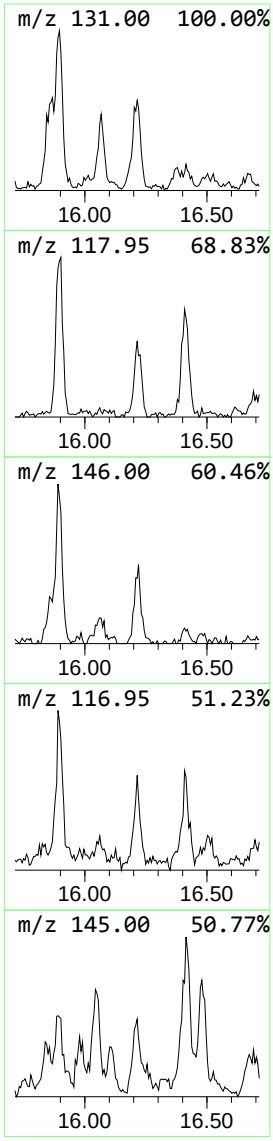
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.214	5.62 ug/l	149825	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
3	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	55
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-03-061621

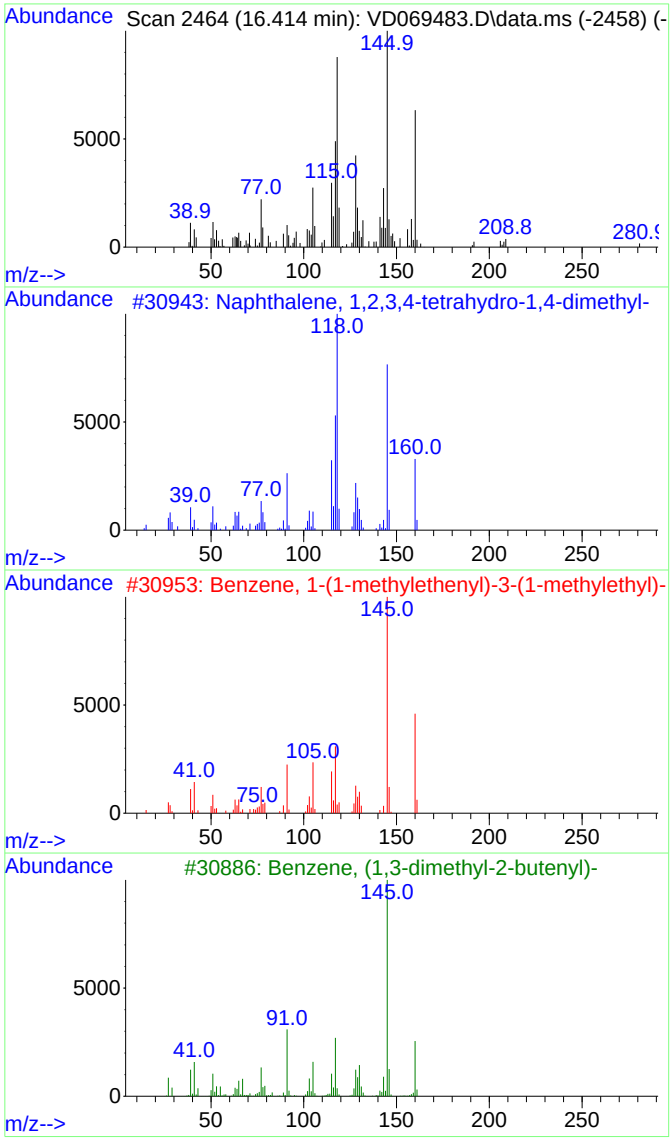
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

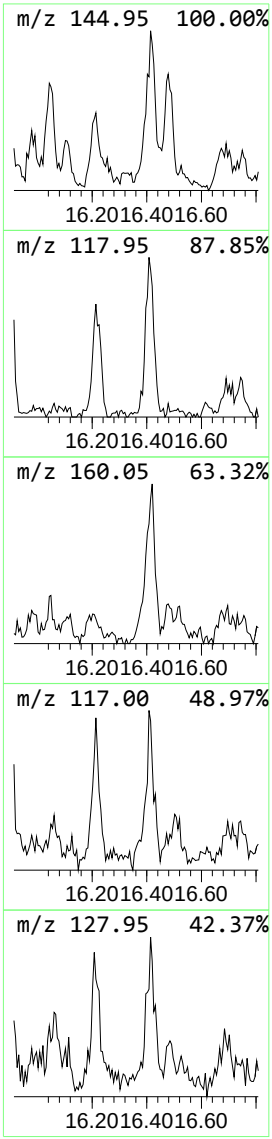
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.414	5.18 ug/l	138154	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	46
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	42
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
Data File : VD069483.D
Acq On : 17 Jun 2021 16:47
Operator : VA/SY
Sample : M2737-01
Misc : 7.74G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-03-061621

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecane	14.738	5.2	ug/l	137906	4	13.567	1332440	50.0
3-Phenylbut-1-ene	14.820	10.7	ug/l	284729	4	13.567	1332440	50.0
Naphthalene, 1,...	14.973	5.2	ug/l	138952	4	13.567	1332440	50.0
Eicosane	15.585	6.9	ug/l	183975	4	13.567	1332440	50.0
Benzene, (3-met...	15.685	6.2	ug/l	164176	4	13.567	1332440	50.0
Naphthalene, 1,...	15.896	9.5	ug/l	253583	4	13.567	1332440	50.0
Naphthalene, 1,...	16.214	5.6	ug/l	149825	4	13.567	1332440	50.0
Naphthalene, 1,...	16.414	5.2	ug/l	138154	4	13.567	1332440	50.0