LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

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_Y\methods\82Y022122S.M
Title : SW846 8260

Signal : TIC: VY007587.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	469	475	483	rBB2	1767	4219	1.03%	0.124%
2	7.716	958	967	973	rBV2	48472	117735	28.75%	3.450%
3	7.789	973	979	990	rVB	79833	181968	44.43%	5.332%
4	8.142	1028	1037	1045	rBV2	46159	99921	24.40%	2.928%
5	8.691	1119	1127	1135	rVB	115264	223722	54.62%	6.555%
6	10.179	1364	1371	1377	rBV	177047	304594	74.37%	8.925%
7	11.489	1580	1586	1593	rVB	176883	287613	70.22%	8.427%
8	12.117	1670	1689	1708	rBV6	50041	305723	74.65%	8.958%
9	12.477	1743	1748	1755	rBV	152907	254105	62.04%	7.445%
10	12.636	1767	1774	1775	rBV3	30717	59369	14.50%	1.740%
11	12.800	1798	1801	1806	rVB6	12303	17541	4.28%	0.514%
12	13.117	1849	1853	1857	rVB5	11193	18734	4.57%	0.549%
13	13.422	1895	1903	1913	rVB	216765	409568	100.00%	12.000%
14	13.617	1931	1935	1940	rBV7	13256	25144	6.14%	0.737%
15	13.751	1951	1957	1960	rBV4	36846	57889	14.13%	1.696%
16	13.965	1988	1992	1997	rVB5	8897	13512	3.30%	0.396%
17	14.074	2005	2010	2015	rBV6	13466	24839	6.06%	0.728%
18	14.202	2027	2031	2034	rBV6	4259	6216	1.52%	0.182%
19	14.251	2036	2039	2045	rVV7	10925	23451	5.73%	0.687%
20	14.379	2056	2060	2063	rBV5	8553	11620	2.84%	0.340%
21	14.422	2063	2067	2071	rVB5	9628	13197	3.22%	0.387%
22	14.477	2073	2076	2080	rVB4	5007	6070	1.48%	0.178%
23	14.513	2080	2082	2086	rVB5	4206	5453	1.33%	0.160%
24	14.562	2086	2090	2093	rBV4	8379	13864	3.39%	0.406%
25	14.611	2093	2098	2103	rVB4	28435	41604	10.16%	1.219%
26	14.678	2103	2109	2114	rBV6	23147	48778	11.91%	1.429%
27	14.727	2114	2117	2125	rVB7	17156	30459	7.44%	0.892%
28	14.830	2129	2134	2139	rBV4	17154	28424	6.94%	0.833%
29	14.940	2147	2152	2156	rBV6	10340	15659	3.82%	0.459%
30	15.050	2164	2170	2175	rBV7	10294	22807	5.57%	0.668%
31	15.135	2181	2184	2190	rVB8	9485	15537	3.79%	0.455%
32	15.233	2190	2200	2205	rBV	30611	65940	16.10%	1.932%
33	15.288	2205	2209	2214	rBV5	8686	15848	3.87%	0.464%
34	15.349	2215	2219	2224	rBV7	8873	14166	3.46%	0.415%
35	15.434	2229	2233	2240	rVB5	21023	33668	8.22%	0.986%
36	15.525	2241	2248	2255	rBV8	8302	22883	5.59%	0.670%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

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_Y\methods\82Y022122S.M
Title : SW846 8260

37	15.598	2256	2260	2266	rVB8	7789	14366	3.51%	0.421%
38	15.690	2267	2275	2276	rBV8	6699	13235	3.23%	0.388%
39	15.726	2276	2281	2289	rVB3	24534	48413	11.82%	1.419%
40	15.818	2289	2296	2302	rBV3	4643	12192	2.98%	0.357%
41	15.891	2303	2308	2309	rBV5	4597	6823	1.67%	0.200%
42	16.025	2324	2330	2336	rBV7	15677	33926	8.28%	0.994%
43	16.092	2339	2341	2347	rVB7	4302	6024	1.47%	0.177%
44	16.226	2356	2363	2367	rVV2	20750	42080	10.27%	1.233%
45	16.287	2367	2373	2381	rVV	93996	186069	45.43%	5.452%
46	16.361	2381	2385	2391	rVB8	6334	11803	2.88%	0.346%
47	16.482	2398	2405	2412	rBV	80688	178390	43.56%	5.227%
48	16.623	2421	2428	2430	rBV8	5040	10076	2.46%	0.295%
49	16.751	2446	2449	2455	rVB8	4238	7703	1.88%	0.226%

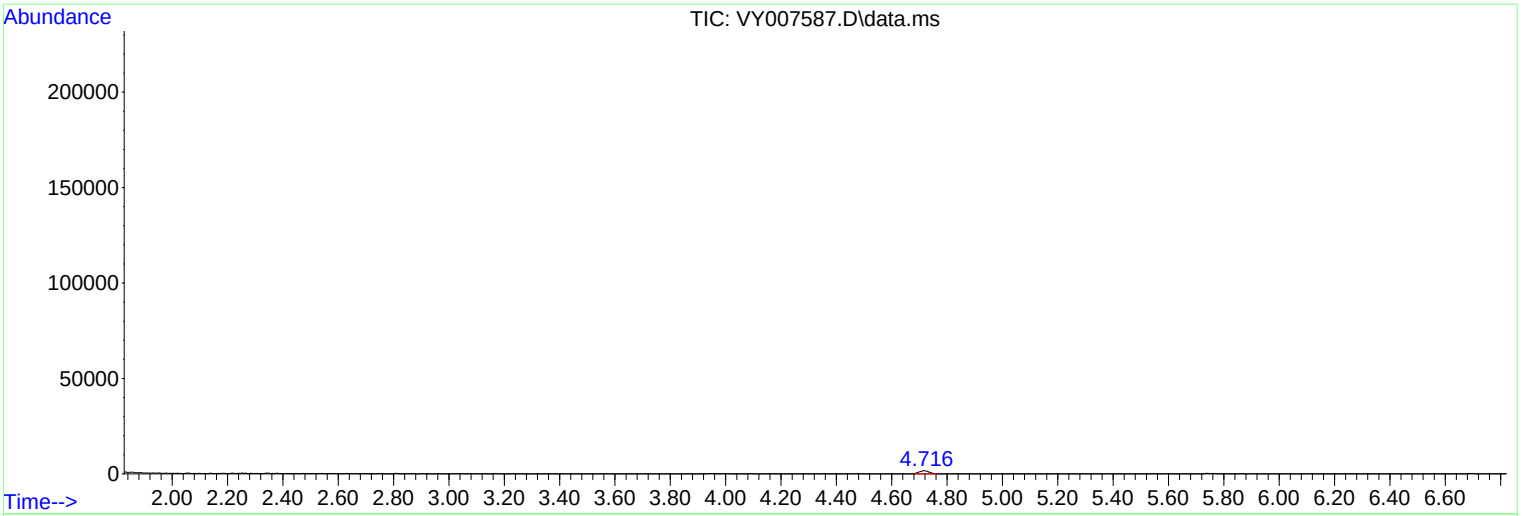
Sum of corrected areas: 3412940

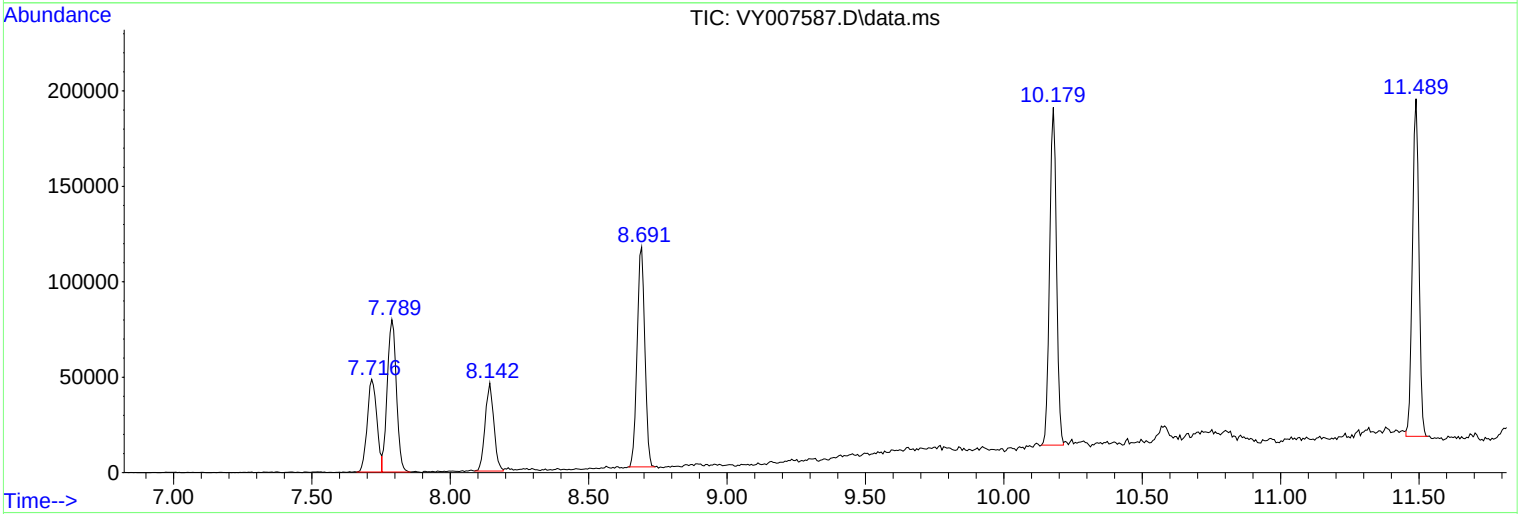
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

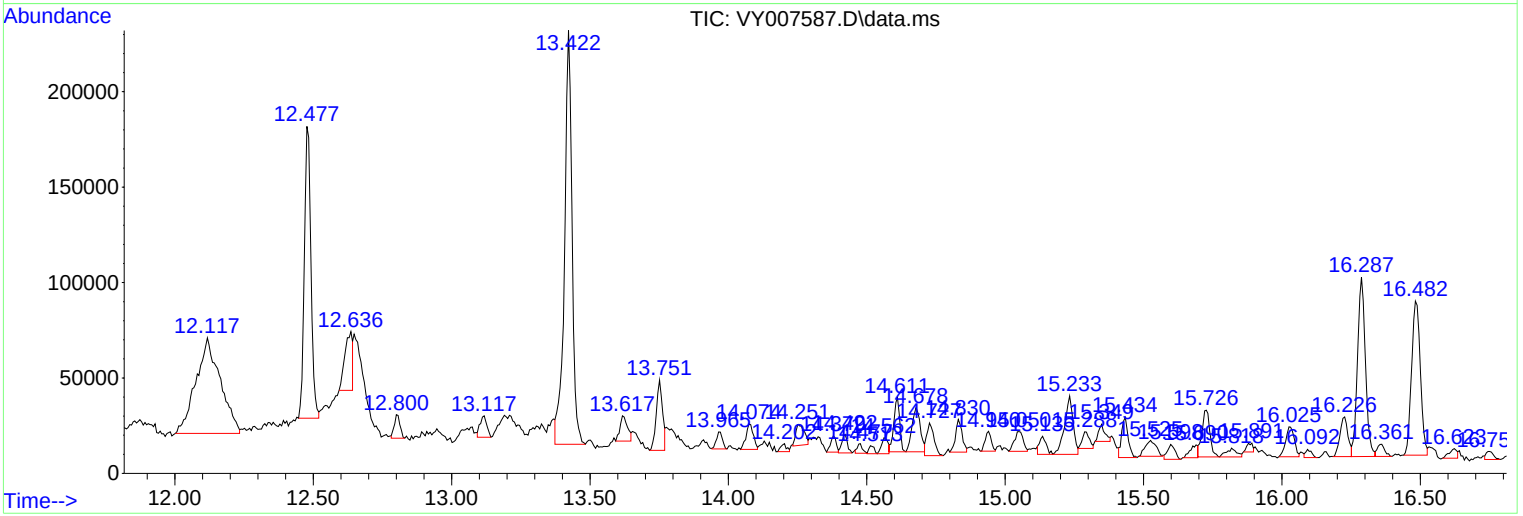
Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

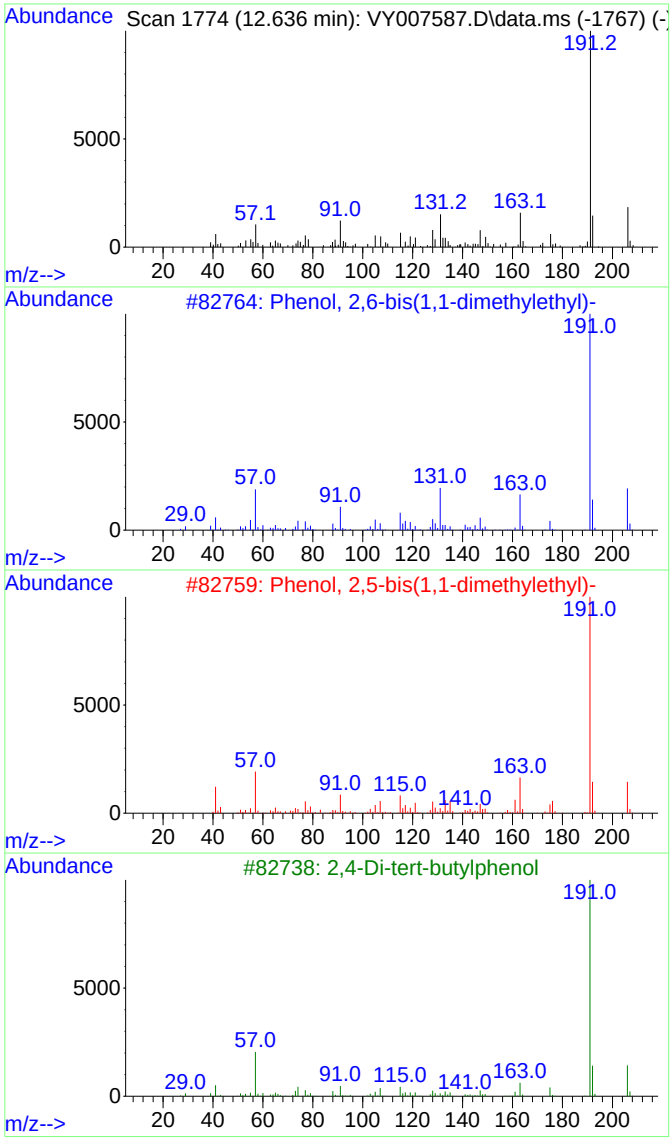
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

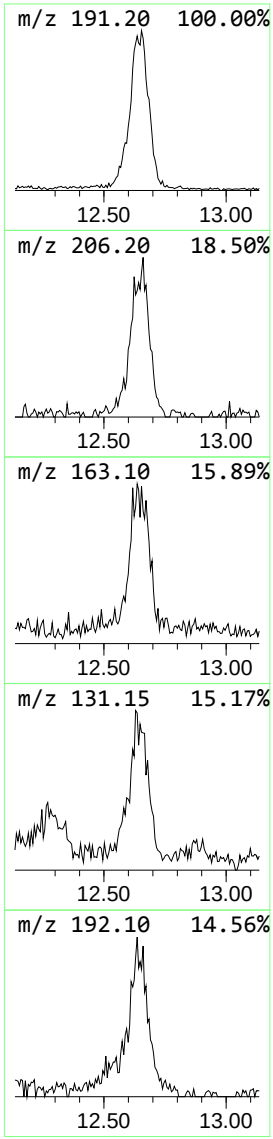
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.636	7.25 ug/l	59369	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	93
2	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	87
3	2,4-Di-tert-butylphenol	206	C14H22O	000096-76-4	87
4	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	87
5	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

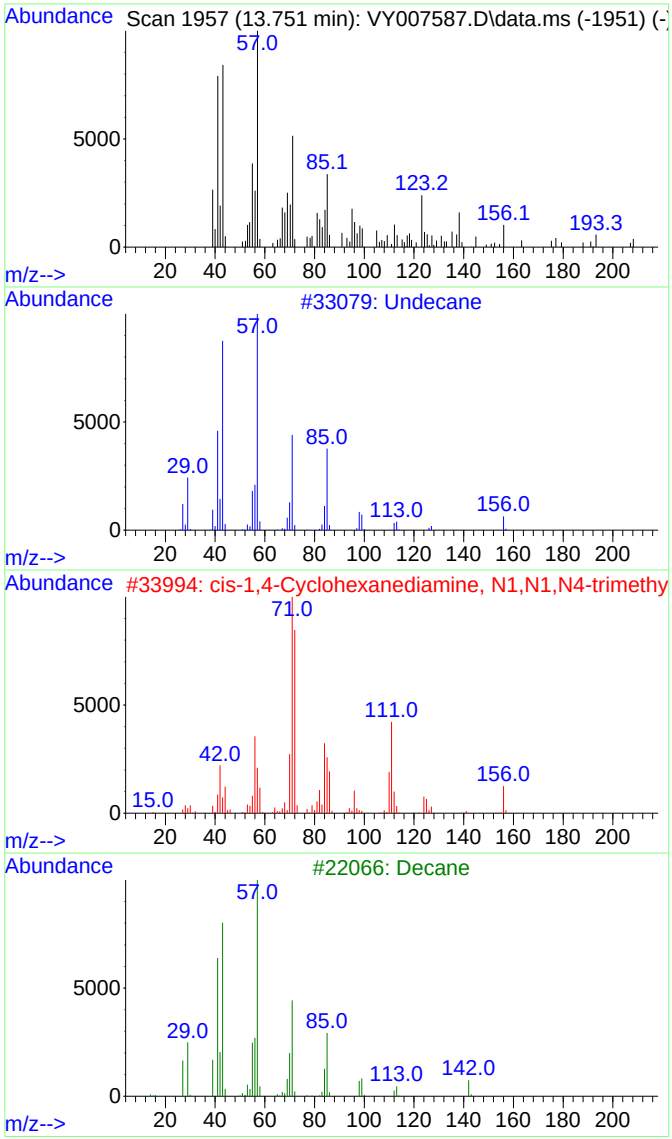
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

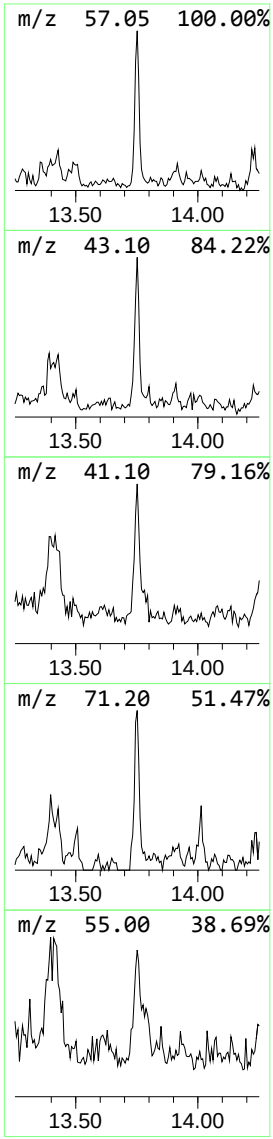
****

Peak Number 2 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	7.07 ug/l	57889	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	55
2	cis-1,4-Cyclohexanediamine, N1,N...	156	C9H20N2	1010385-96-5	55
3	Decane	142	C10H22	000124-18-5	43
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	43
5	Tridecane	184	C13H28	000629-50-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

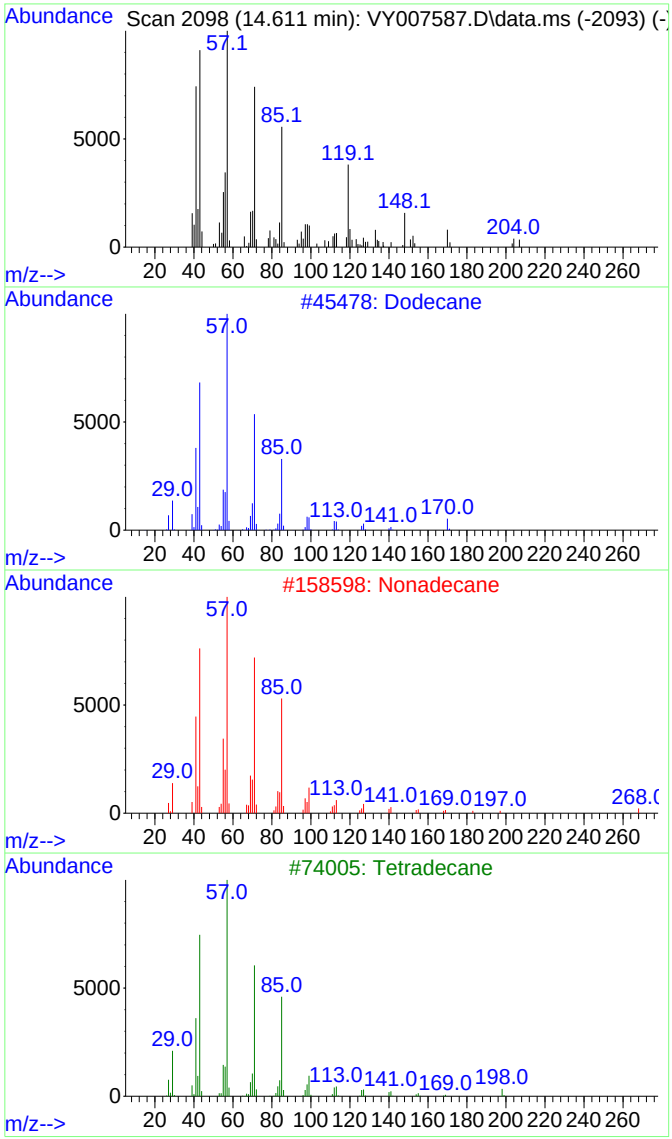
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

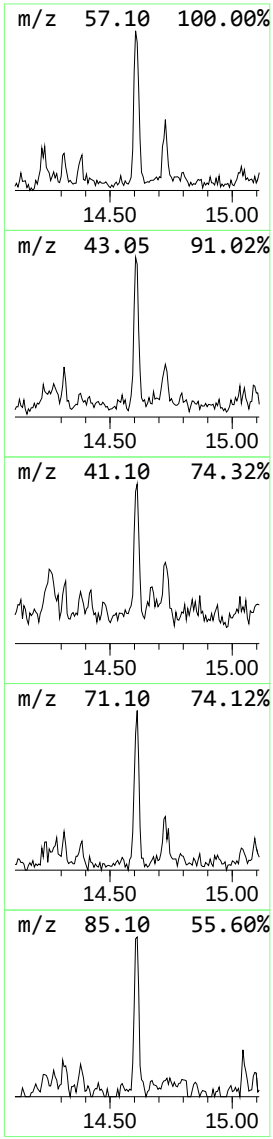
****

Peak Number 3 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	5.08 ug/l	41604	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Nonadecane	268	C19H40	000629-92-5	64
3	Tetradecane	198	C14H30	000629-59-4	58
4	Tridecane	184	C13H28	000629-50-5	58
5	Hexadecane	226	C16H34	000544-76-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

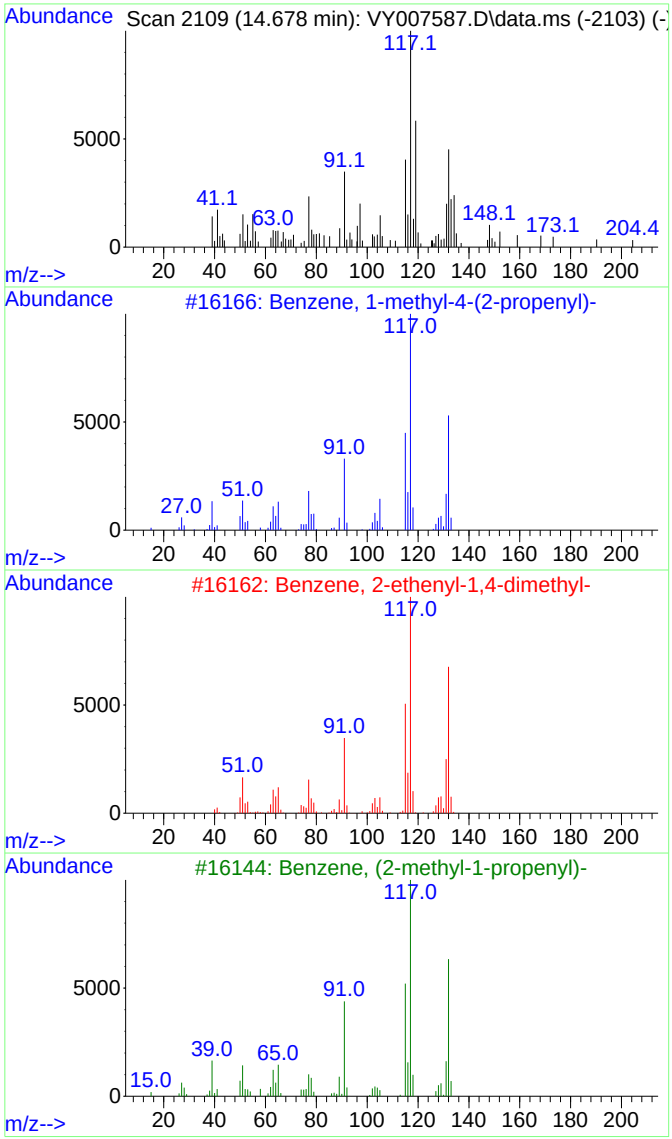
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

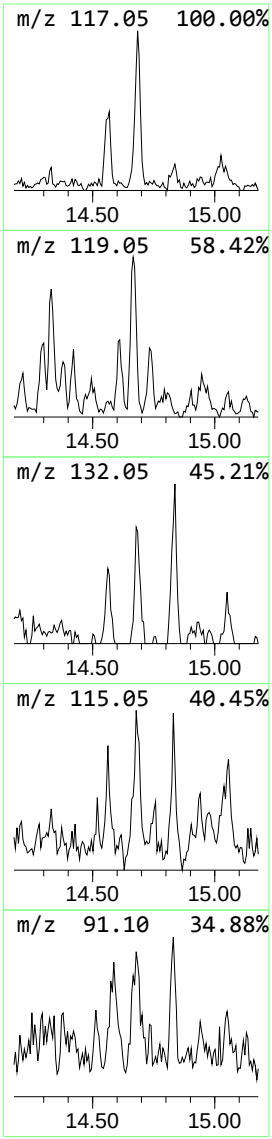
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-4-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	5.95 ug/l	48778	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	60
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

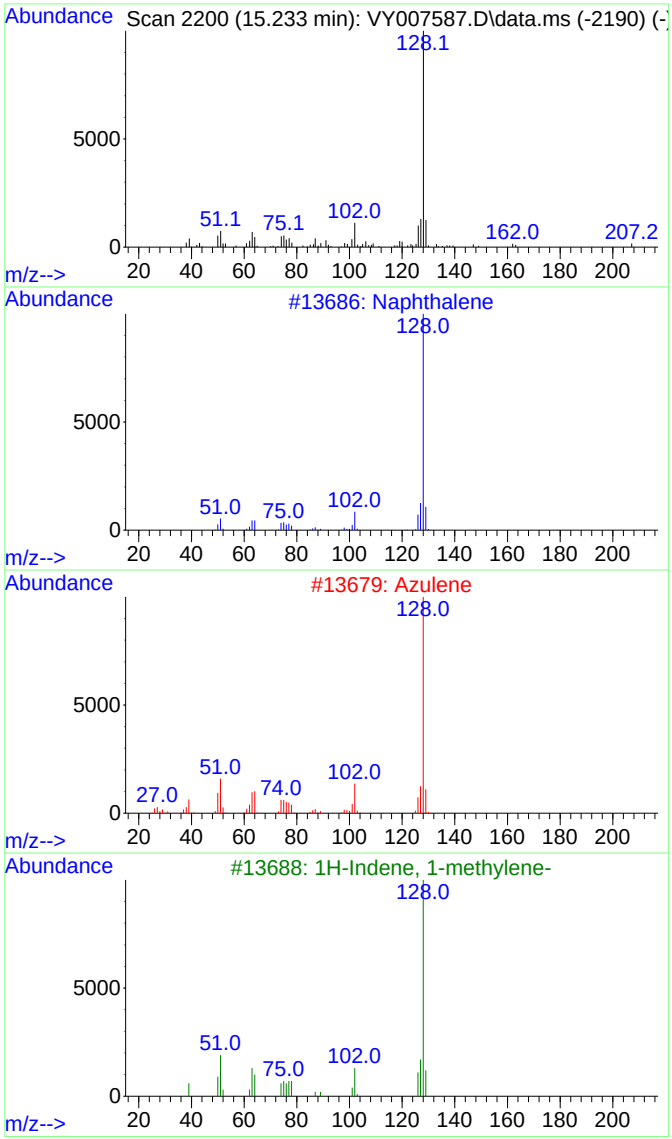
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

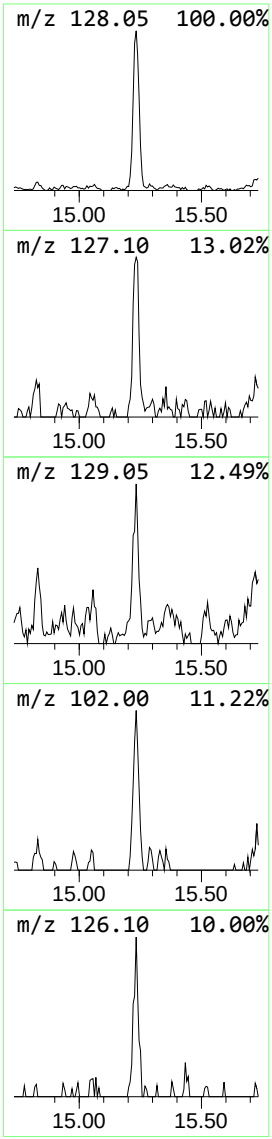
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	8.05 ug/l	65940	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	91
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	72
5	1,4-Benzenedicarbonitrile	128	C8H4N2	000623-26-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

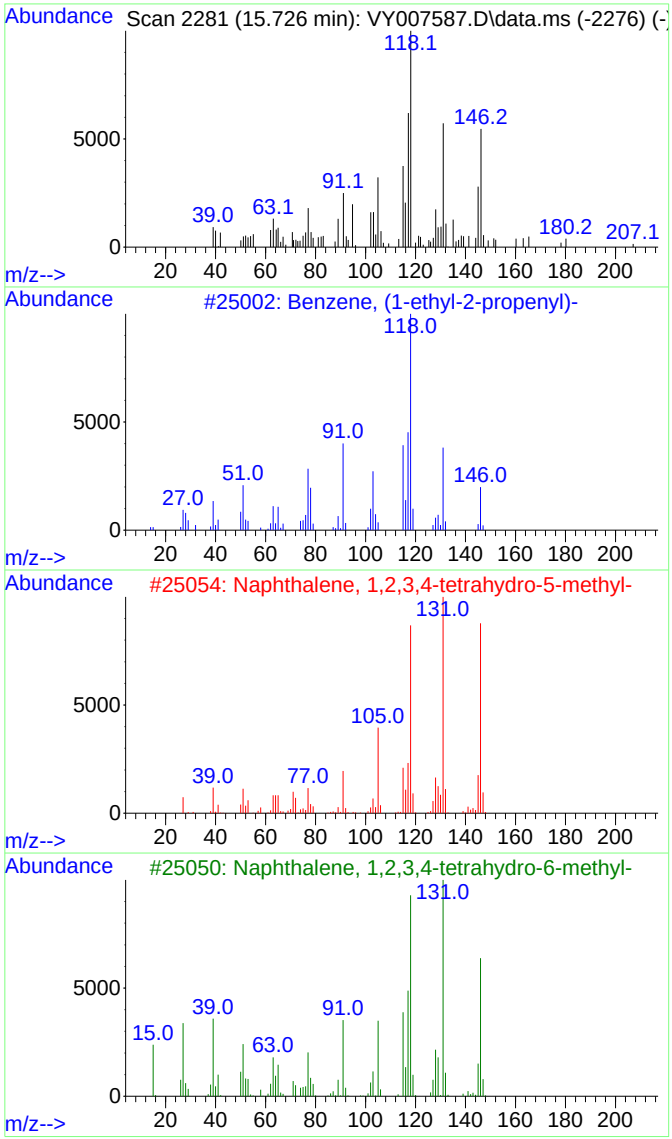
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

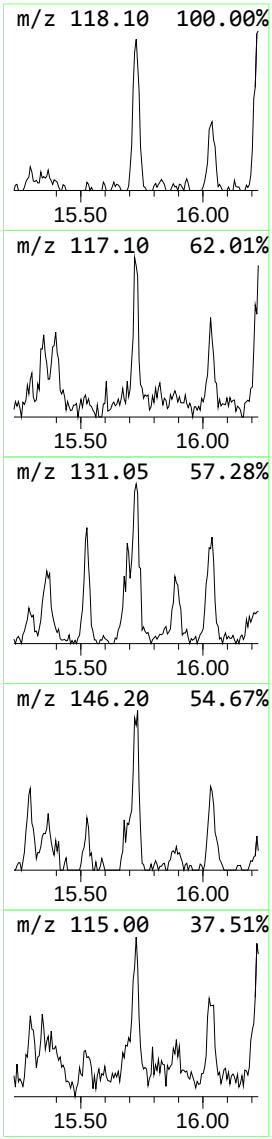
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	5.91 ug/l	48413	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
4	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	49
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

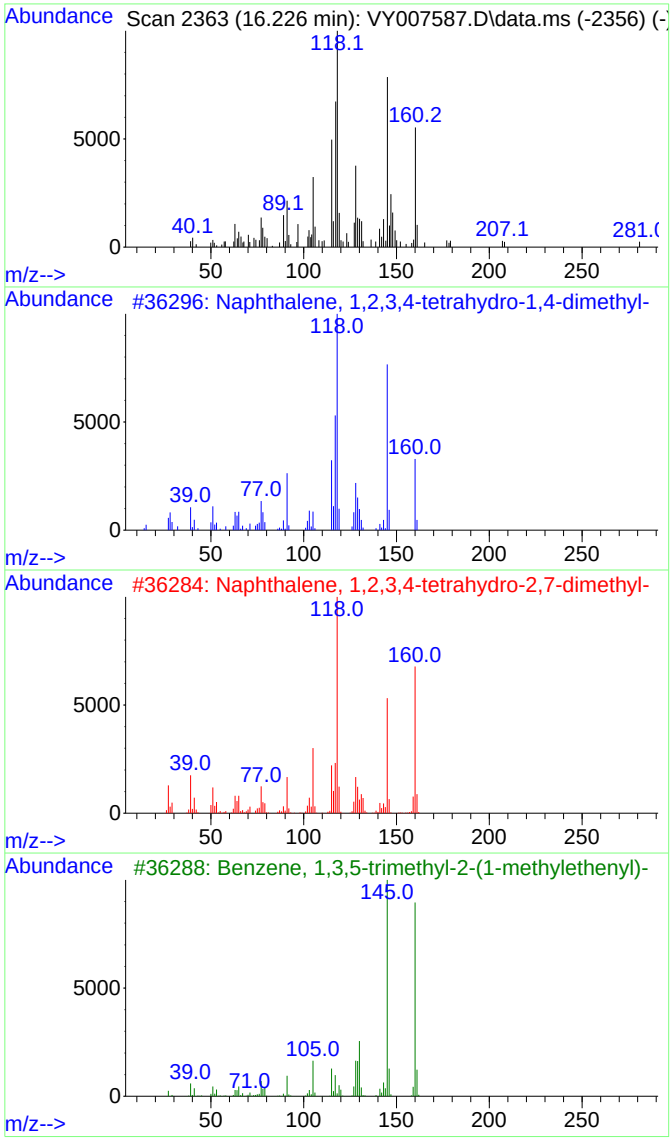
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

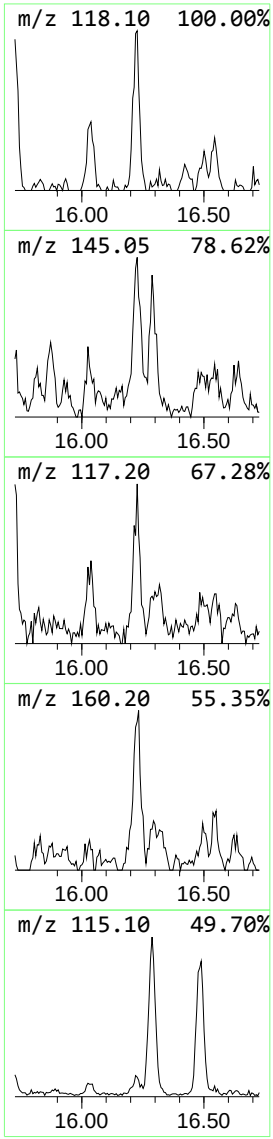
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	5.14 ug/l	42080	1,4-Dichlorobenzene-d4	13.422

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	76
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

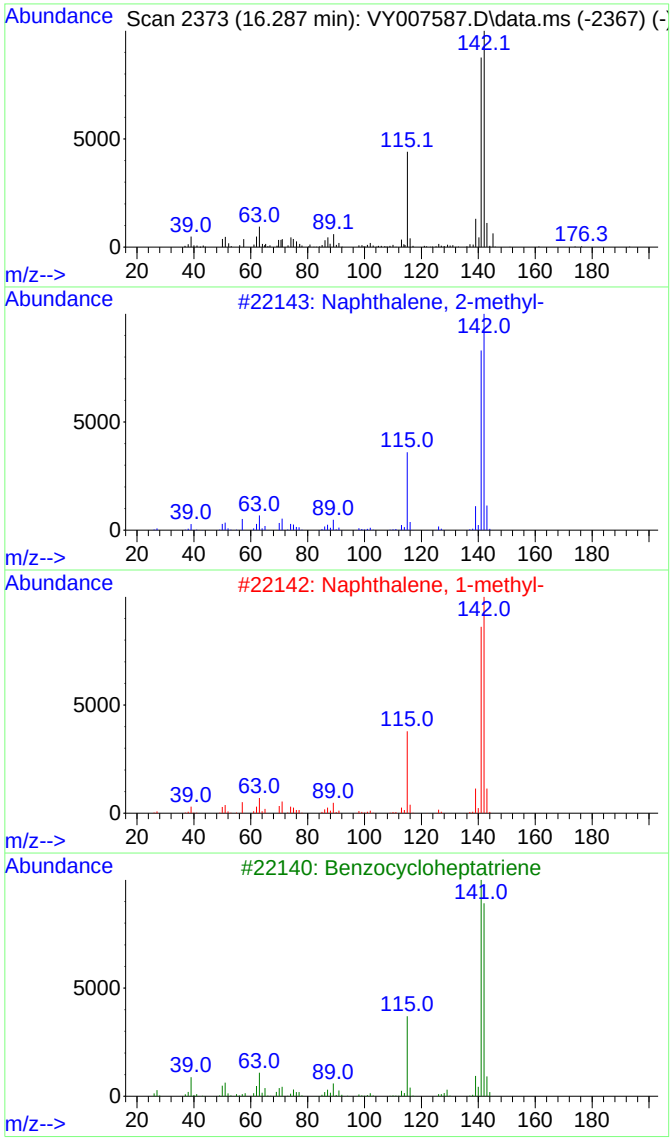
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

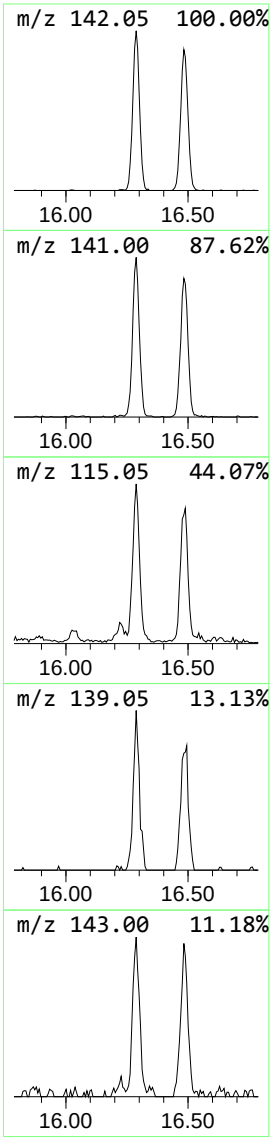
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	22.72 ug/l	186069	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

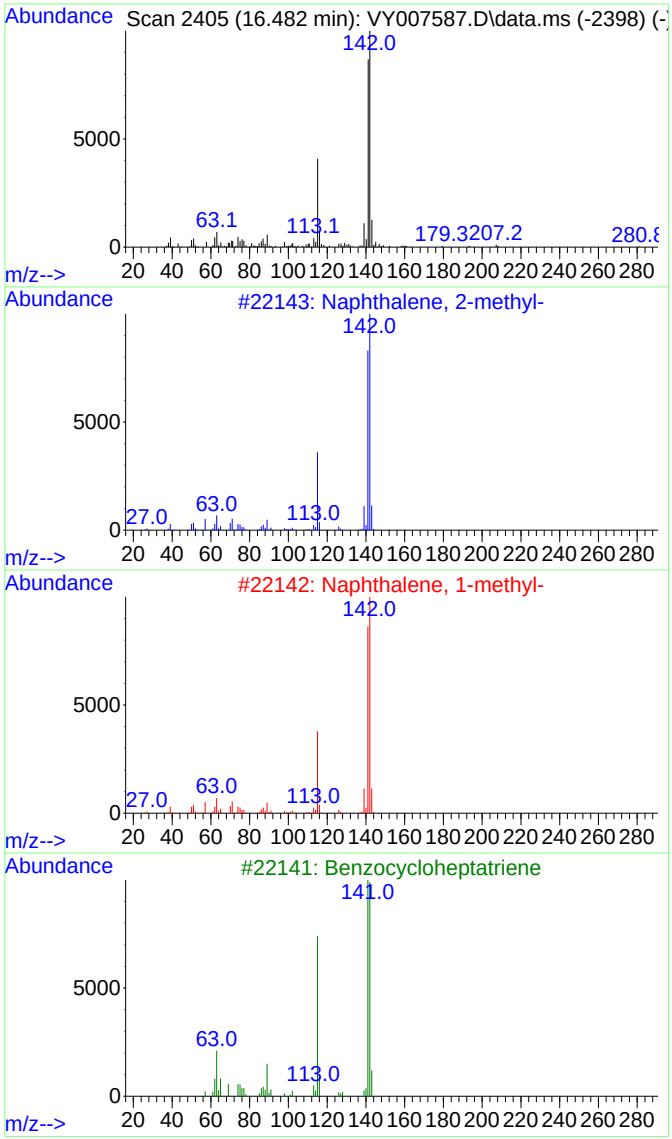
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

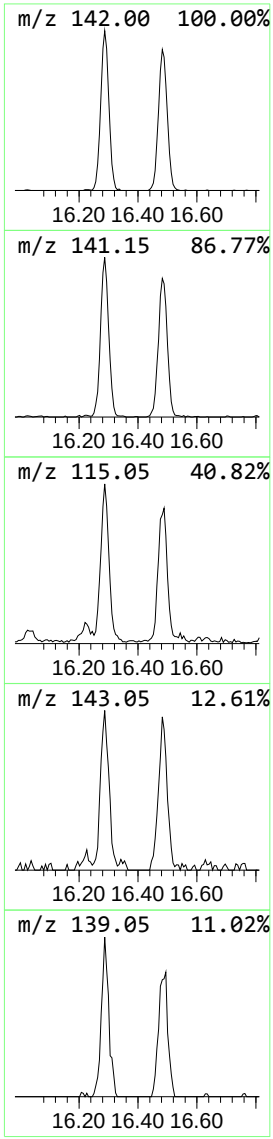
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	21.78 ug/l	178390	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007587.D
Acq On : 22 Feb 2022 16:54
Operator : SY/MD
Sample : N1635-01
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.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
Phenol, 2,6-bis...	12.636	7.3	ug/l	59369	4	13.422	409568	50.0
Undecane	13.751	7.1	ug/l	57889	4	13.422	409568	50.0
Dodecane	14.611	5.1	ug/l	41604	4	13.422	409568	50.0
Benzene, 1-meth...	14.678	6.0	ug/l	48778	4	13.422	409568	50.0
Azulene	15.233	8.1	ug/l	65940	4	13.422	409568	50.0
Benzene, (1-eth...	15.727	5.9	ug/l	48413	4	13.422	409568	50.0
Naphthalene, 1,...	16.226	5.1	ug/l	42080	4	13.422	409568	50.0
Naphthalene, 1-...	16.287	22.7	ug/l	186069	4	13.422	409568	50.0
Benzocyclohepta...	16.483	21.8	ug/l	178390	4	13.422	409568	50.0