LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

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\82D122419S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.214	892	900	911	rVB	32345	84751	3.29%	0.448%
2	7.920	1009	1020	1025	rBV	348226	844142	32.80%	4.462%
3	7.985	1025	1031	1042	rVB	646018	1460729	56.76%	7.720%
4	8.332	1073	1090	1103	rBV2	283367	729473	28.35%	3.856%
5	8.867	1171	1181	1192	rBV	934525	1871141	72.71%	9.890%
6	10.344	1424	1432	1440	rBV	1459653	2573298	100.00%	13.601%
7	10.726	1490	1497	1505	rBV	36006	63750	2.48%	0.337%
8	11.467	1619	1623	1629	rVB3	15994	25833	1.00%	0.137%
9	11.649	1646	1654	1667	rBV	1315200	2238983	87.01%	11.834%
10	11.861	1680	1690	1698	rBV4	22762	57395	2.23%	0.303%
11	12.185	1732	1745	1753	rBV5	22939	66330	2.58%	0.351%
12	12.638	1815	1822	1830	rBV	1026497	1717187	66.73%	9.076%
13	12.802	1846	1850	1859	rVB5	12751	32662	1.27%	0.173%
14	12.967	1873	1878	1883	rVV5	38308	84768	3.29%	0.448%
15	13.461	1960	1962	1967	rVB6	19027	29286	1.14%	0.155%
16	13.520	1967	1972	1975	rBV7	20359	32179	1.25%	0.170%
17	13.585	1976	1983	1992	rVB	1319947	2172436	84.42%	11.482%
18	13.902	2032	2037	2043	rVV4	85335	152643	5.93%	0.807%
19	14.114	2071	2073	2079	rVB7	23694	35563	1.38%	0.188%
20	14.232	2088	2093	2098	rBV6	43825	77267	3.00%	0.408%
21	14.290	2099	2103	2110	rVB7	44925	81556	3.17%	0.431%
22	14.367	2110	2116	2118	rBV7	35263	71006	2.76%	0.375%
23	14.414	2120	2124	2129	rVV3	88256	145346	5.65%	0.768%
24	14.537	2141	2145	2148	rBV5	43511	70196	2.73%	0.371%
25	14.579	2148	2152	2157	rVV5	89199	141794	5.51%	0.749%
26	14.761	2179	2183	2190	rBV3	111393	185611	7.21%	0.981%
27	14.837	2191	2196	2200	rBV5	76636	162704	6.32%	0.860%
28	14.890	2200	2205	2210	rVB6	103273	210548	8.18%	1.113%
29	15.008	2220	2225	2230	rBV7	84108	182722	7.10%	0.966%
30	15.102	2236	2241	2246	rBV7	101912	196941	7.65%	1.041%
31	15.214	2255	2260	2266	rBV6	80614	198853	7.73%	1.051%
32	15.296	2271	2274	2282	rVB8	102525	191141	7.43%	1.010%
33	15.379	2283	2288	2295	rBV2	157291	270189	10.50%	1.428%
34	15.608	2323	2327	2336	rVB	289466	519269	20.18%	2.745%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

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\82D122419S.M
Title : SW846 8260

35	16.231	2426	2433	2439	rBV7	123734	359630	13.98%	1.901%
36	16.355	2450	2454	2462	rVB3	163925	307899	11.97%	1.627%
37	16.437	2464	2468	2476	rVB4	175412	365510	14.20%	1.932%
38	16.573	2485	2491	2496	rBV2	370976	696466	27.07%	3.681%
39	16.696	2508	2512	2517	rBV7	92519	213059	8.28%	1.126%

Sum of corrected areas: 18920256

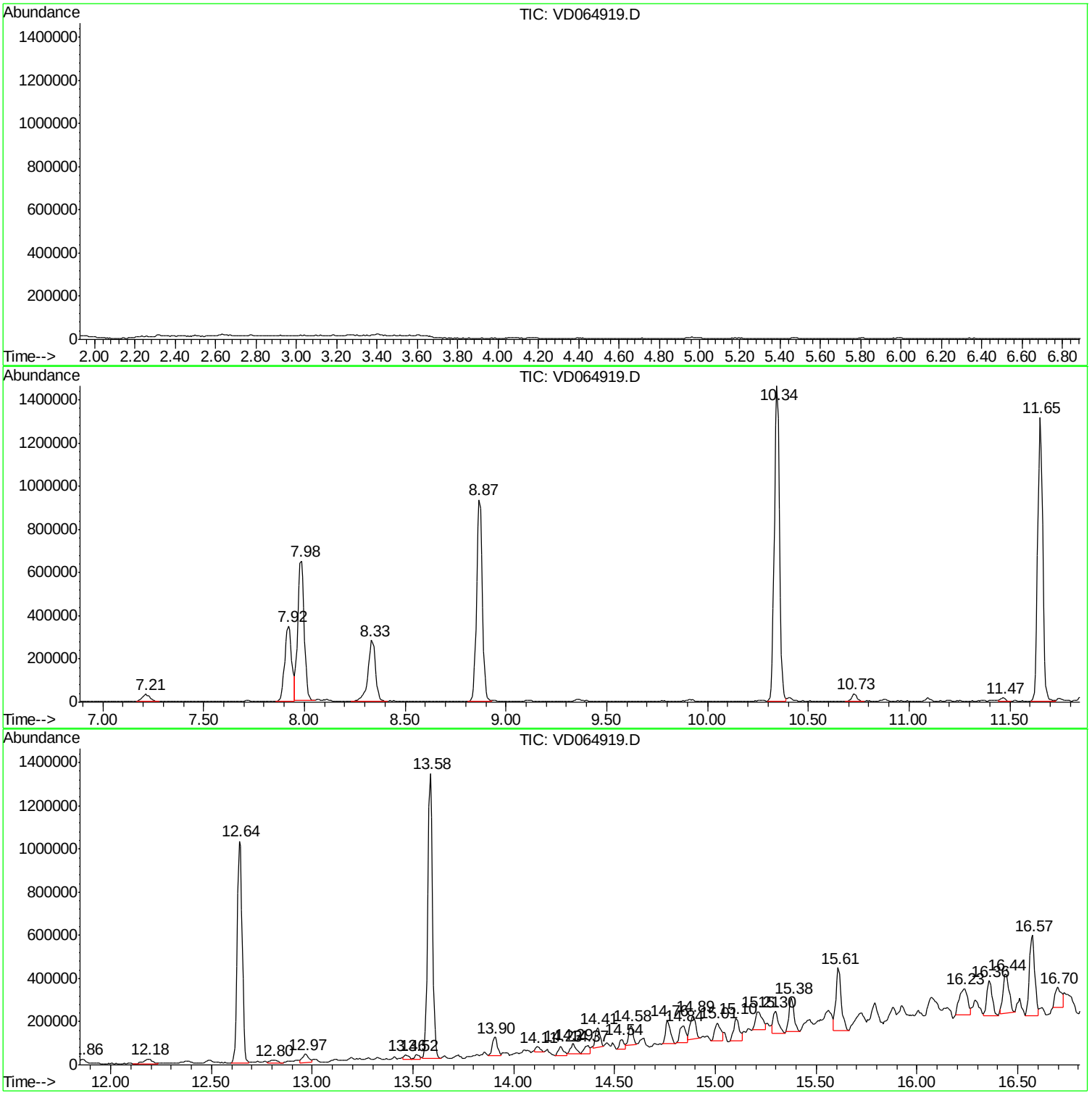
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

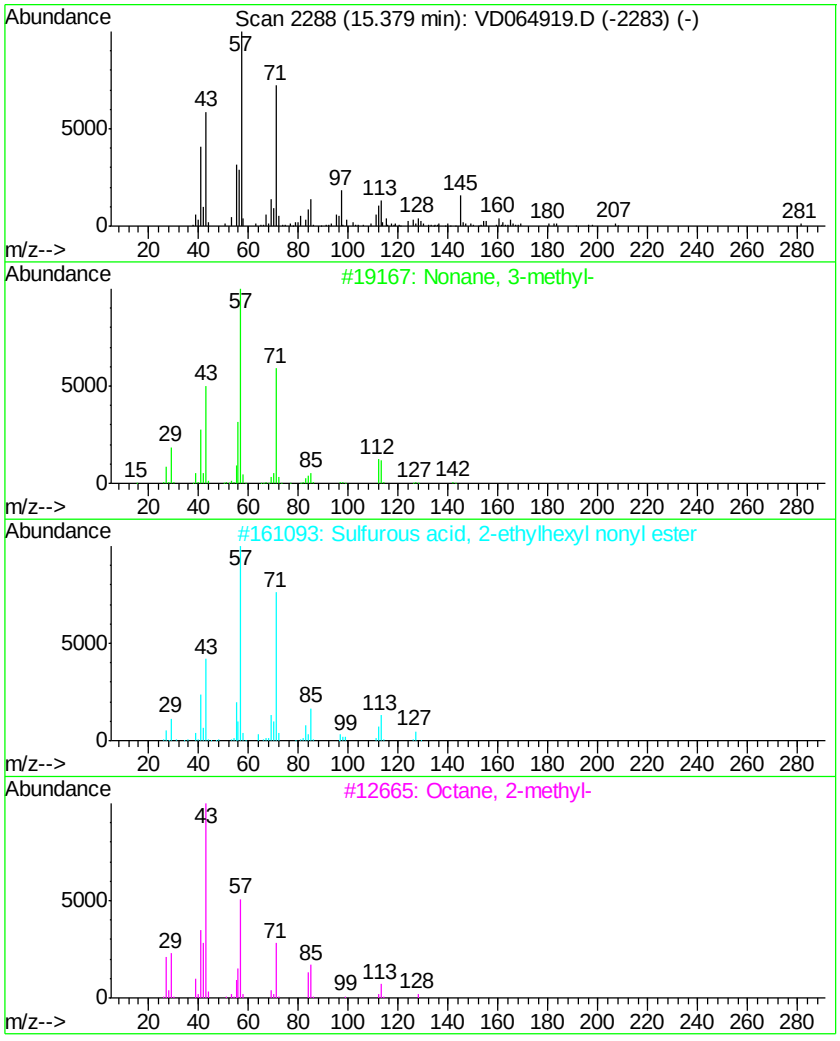
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

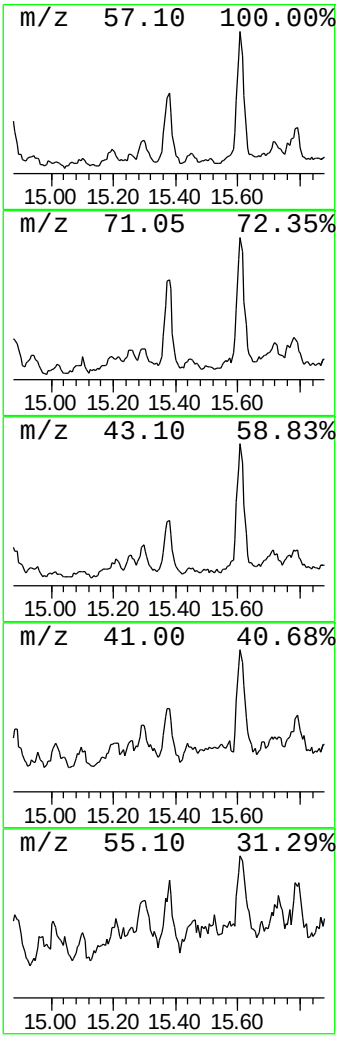
****

Peak Number 1 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	6.22 ug/l	270189	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
3	Octane, 2-methyl-	128	C9H20	003221-61-2	53
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	52
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

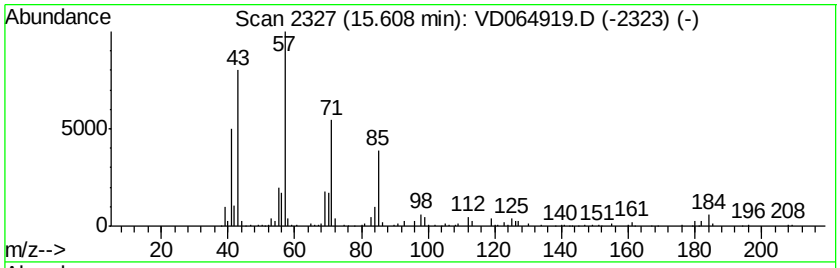
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

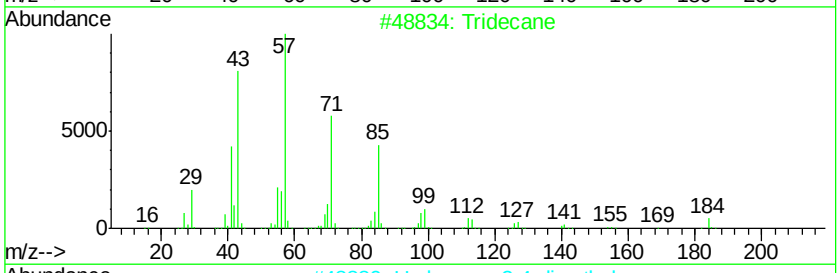
****

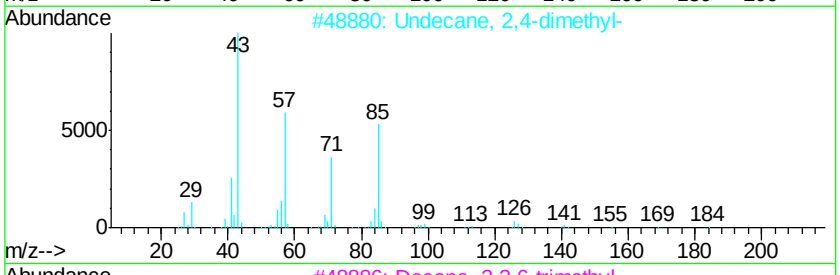
Peak Number 2 Tridecane Concentration Rank 2

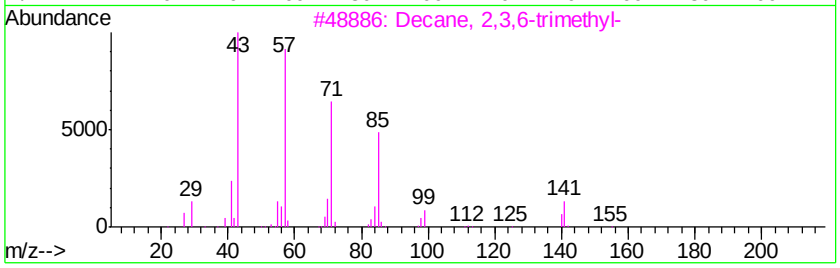
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	11.95 ug/l	519269	1,4-Dichlorobenzene-d4	13.58

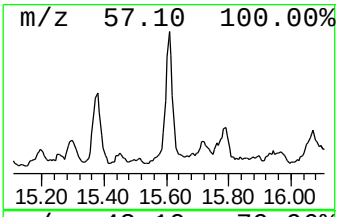
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
5	Octacosane	394	C28H58	000630-02-4	59

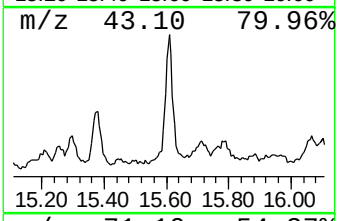


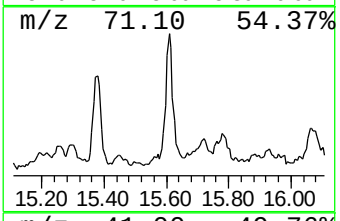


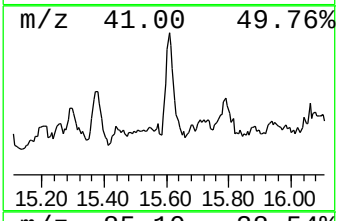


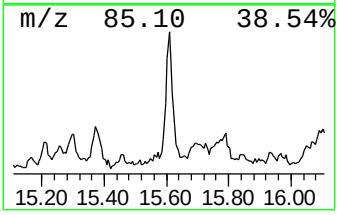












Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

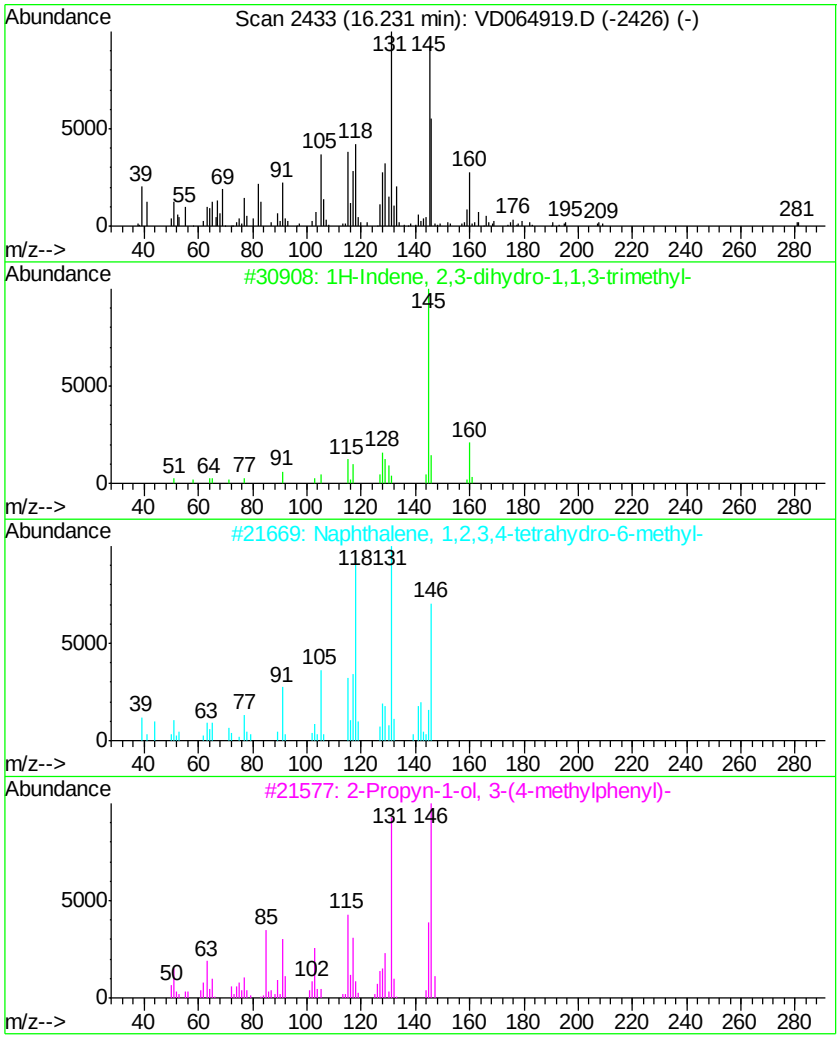
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

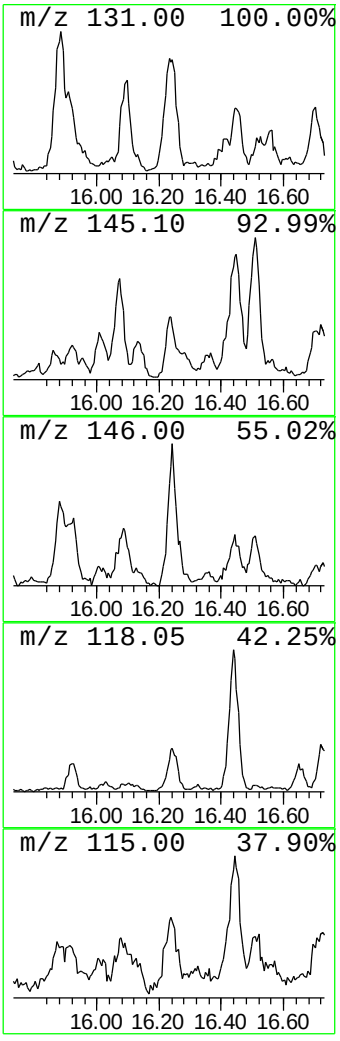
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	8.28 ug/l	359630	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	45
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	45
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	43
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

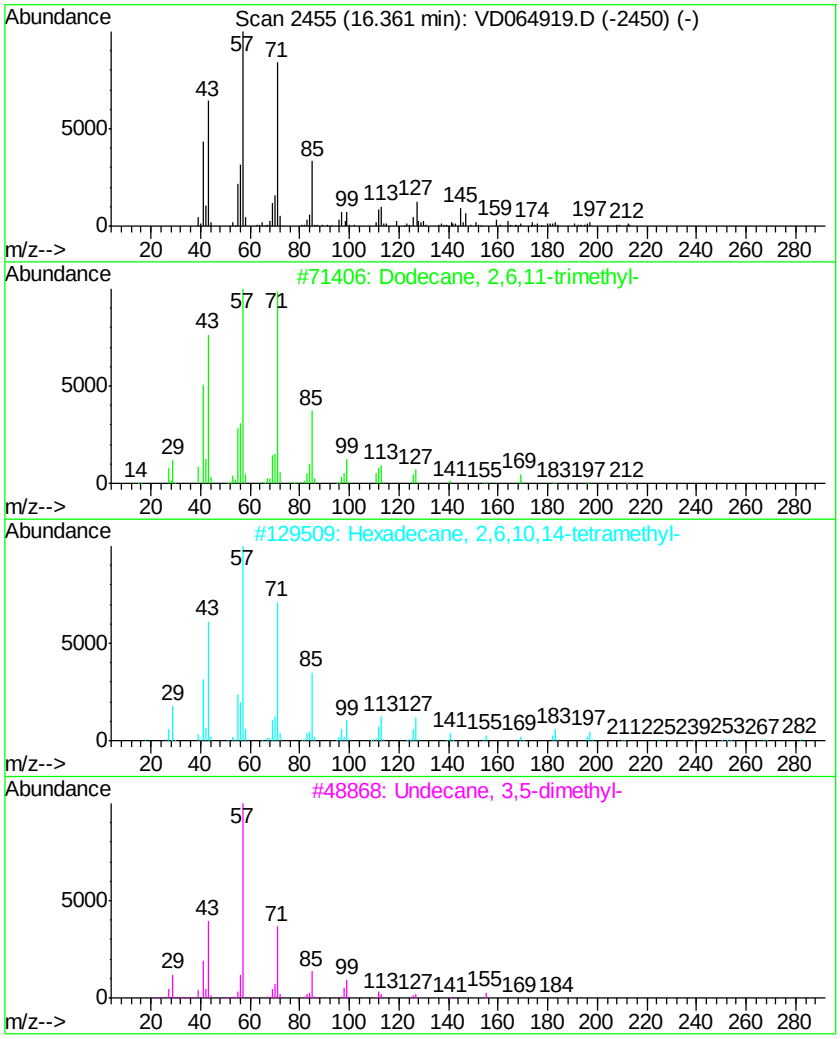
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

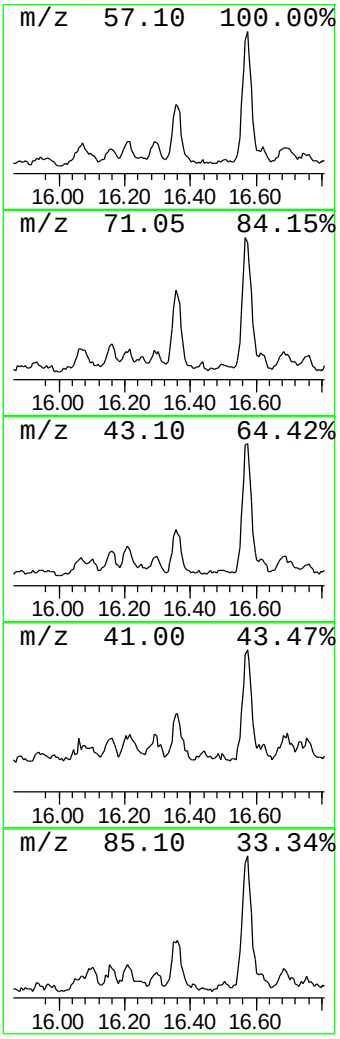
****

Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	7.09 ug/l	307899	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

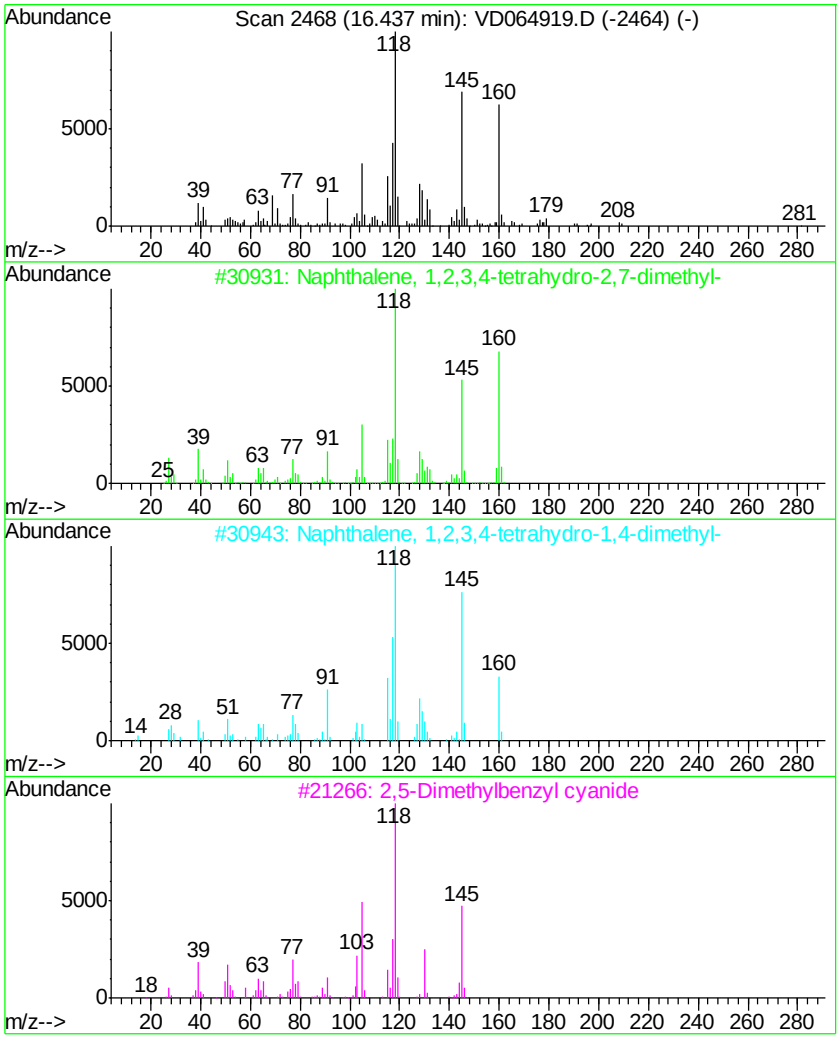
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

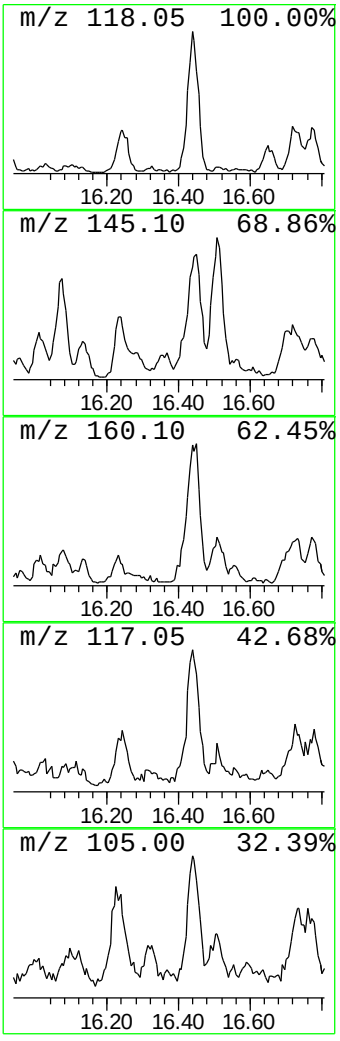
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	8.41 ug/l	365510	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
3	2,5-Dimethylbenzyl cyanide	145	C10H11N	016213-85-7	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

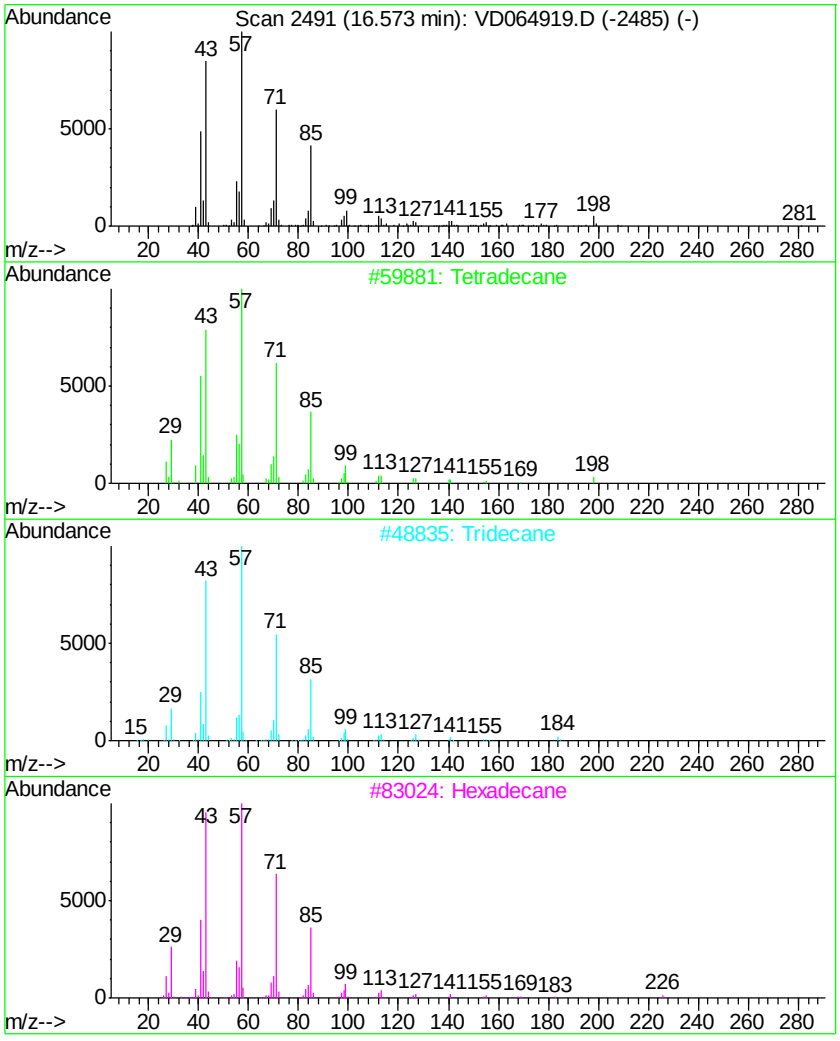
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

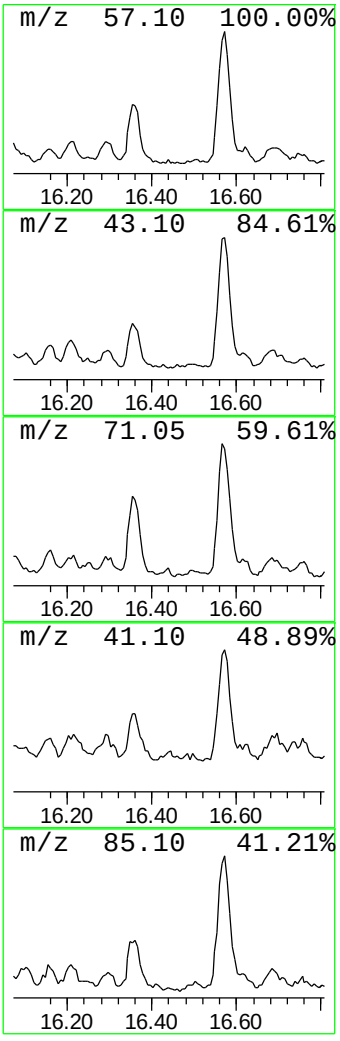
****

Peak Number 6 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	16.03 ug/l	696466	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	98
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012220\
Data File : VD064919.D
Acq On : 22 Jan 2020 16:09
Operator : VA/SY
Sample : L1214-01
Misc : 4.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.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
Nonane, 3-methyl-	15.38	6.2	ug/l	270189	4	13.58	2172440	50.0
Tridecane	15.61	11.9	ug/l	519269	4	13.58	2172440	50.0
1H-Indene, 2,3-di...	16.23	8.3	ug/l	359630	4	13.58	2172440	50.0
Dodecane, 2,6,11-...	16.36	7.1	ug/l	307899	4	13.58	2172440	50.0
Naphthalene, 1,2,...	16.44	8.4	ug/l	365510	4	13.58	2172440	50.0
Tetradecane	16.57	16.0	ug/l	696466	4	13.58	2172440	50.0